

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116040.D
 Acq On : 7 Aug 2019 10:27
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 11:15:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	179680	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	756057	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	407063	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	688794	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	461164	20.00	ng	-0.02
87) Perylene-d12	15.47	264	429388	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	868921	80.96	ng	0.00
7) Phenol-d6	6.49	99	1116034	82.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	1067307	81.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322364	81.68	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1746391	80.36	ng	-0.01
79) Terphenyl-d14	12.95	244	1887411	86.24	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	205087	37.823	ng	99
3) Pyridine	3.36	79	559801	36.958	ng	99
4) n-Nitrosodimethylamine	3.33	42	230422	38.549	ng	95
6) Aniline	6.52	93	769780	39.693	ng	98
8) 2-Chlorophenol	6.64	128	509024	42.888	ng	98
9) Benzaldehyde	6.40	77	342482	36.654	ng	99
10) Phenol	6.50	94	647450	40.600	ng	78
11) bis(2-Chloroethyl)ether	6.59	93	509025	43.416	ng	97
12) 1,3-Dichlorobenzene	6.79	146	565543	41.230	ng	97
13) 1,4-Dichlorobenzene	6.86	146	563628	41.039	ng	99
14) 1,2-Dichlorobenzene	7.02	146	514019	40.646	ng	100
15) Benzyl Alcohol	6.99	79	427708	41.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	687096	42.965	ng	91
17) 2-Methylphenol	7.10	107	433201	43.105	ng	98
18) Hexachloroethane	7.36	117	215004	42.520	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	366859	43.718	ng	98
20) 3+4-Methylphenols	7.26	107	496390	41.739	ng	# 87
22) Acetophenone	7.26	105	669594	40.382	ng	98
24) Nitrobenzene	7.43	77	578660	40.916	ng	98
25) Isophorone	7.67	82	1070992	42.762	ng	99
26) 2-Nitrophenol	7.75	139	295905	44.386	ng	99
27) 2,4-Dimethylphenol	7.79	122	407013	40.580	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	675286	43.501	ng	99
29) 2,4-Dichlorophenol	7.99	162	451740	42.656	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	504046	41.754	ng	99
31) Naphthalene	8.15	128	1466572	41.221	ng	99
32) Benzoic acid	7.95	122	290664	41.104	ng	98
33) 4-Chloroaniline	8.20	127	635520	39.978	ng	99
34) Hexachlorobutadiene	8.27	225	291474	41.919	ng	99
35) Caprolactam	8.59	113	138467	40.427	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	475262	43.138	ng	95
37) 2-Methylnaphthalene	8.84	142	981381	41.883	ng	99
38) 1-Methylnaphthalene	8.94	142	934571	42.160	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	456114	41.913	ng	99

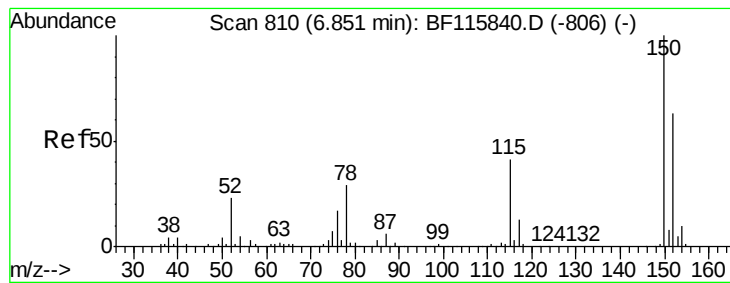
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116040.D
 Acq On : 7 Aug 2019 10:27
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 11:15:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177090	39.487	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	299570	39.993	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	317521	41.008	ng	97
46) 1,1'-Biphenyl	9.30	154	1175294	40.896	ng	99
47) 2-Chloronaphthalene	9.33	162	972863	40.673	ng	98
48) 2-Nitroaniline	9.43	65	323884	40.966	ng	97
49) Acenaphthylene	9.75	152	1426167	40.870	ng	99
50) Dimethylphthalate	9.60	163	1180952	42.608	ng	100
51) 2,6-Dinitrotoluene	9.67	165	257699	42.784	ng	99
52) Acenaphthene	9.92	154	860417	40.192	ng	99
53) 3-Nitroaniline	9.85	138	292584	39.313	ng	92
54) 2,4-Dinitrophenol	9.96	184	104242	38.516	ng	96
55) Dibenzofuran	10.09	168	1246554	40.040	ng	98
56) 4-Nitrophenol	10.01	139	166745	34.974	ng	94
57) 2,4-Dinitrotoluene	10.08	165	320245	39.933	ng	91
58) Fluorene	10.43	166	981070	40.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	270114	41.465	ng	97
60) Diethylphthalate	10.30	149	1100140	42.515	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	499896	41.209	ng	99
62) 4-Nitroaniline	10.46	138	297997	38.744	ng	97
63) Azobenzene	10.58	77	1132844	42.563	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	162779	44.595	ng	95
66) n-Nitrosodiphenylamine	10.55	169	885271	42.701	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	323503	43.874	ng	95
68) Hexachlorobenzene	10.99	284	357605	41.941	ng	99
69) Atrazine	11.07	200	230757	33.833	ng	99
70) Pentachlorophenol	11.18	266	145154	35.066	ng	97
71) Phenanthrene	11.40	178	1423701	40.432	ng	100
72) Anthracene	11.45	178	1467099	41.168	ng	99
73) Carbazole	11.60	167	1340694	41.467	ng	100
74) Di-n-butylphthalate	11.92	149	1647350	43.678	ng	99
75) Fluoranthene	12.59	202	1489669	40.410	ng	100
77) Benzidine	12.70	184	694657	44.586	ng	99
78) Pyrene	12.82	202	1486134	42.750	ng	100
80) Butylbenzylphthalate	13.42	149	681146	46.321	ng	98
81) Benzo(a)anthracene	14.00	228	1273349	43.200	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	449549	43.899	ng	# 99
83) Chrysene	14.04	228	1204188	42.080	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	955413	49.998	ng	98
85) Di-n-octyl phthalate	14.59	149	1460821	48.129	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	967804	40.267	ng	99
88) Benzo(b)fluoranthene	15.05	252	1097315	44.197	ng	98
89) Benzo(k)fluoranthene	15.08	252	988418	40.873	ng	98
90) Benzo(a)pyrene	15.42	252	936152	42.180	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	798347	41.556	ng	100
92) Benzo(g,h,i)perylene	17.39	276	761601	40.366	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

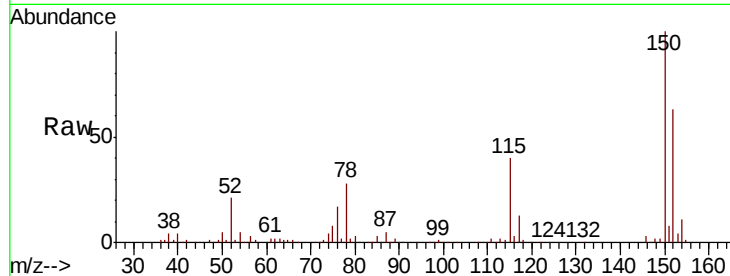


#1

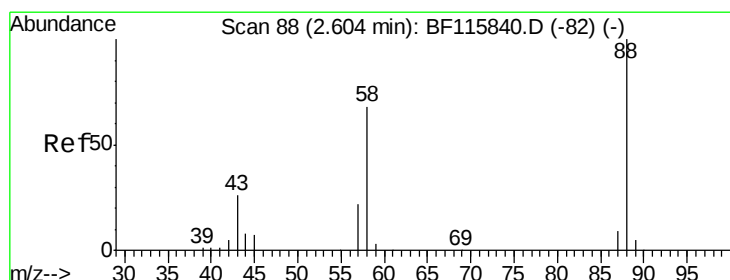
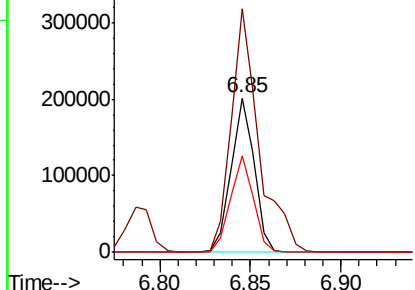
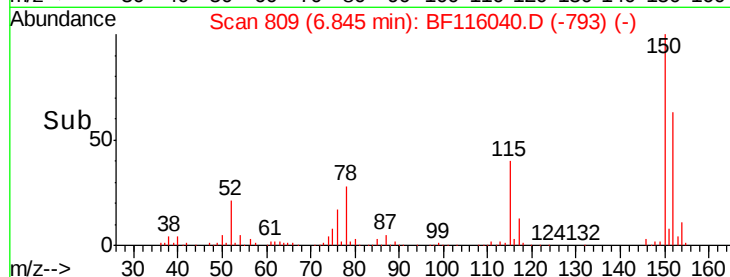
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179680
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 62.4 51.8 77.8



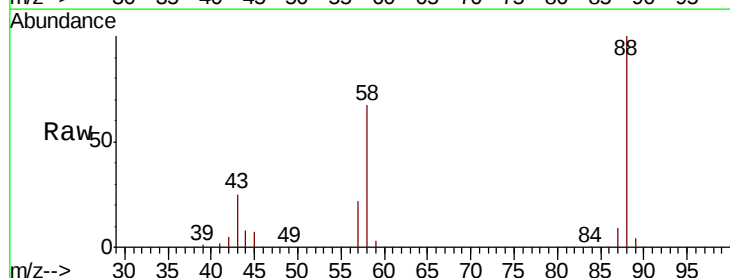
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



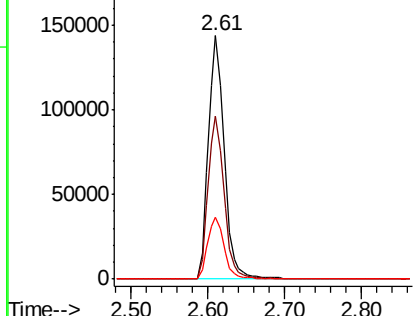
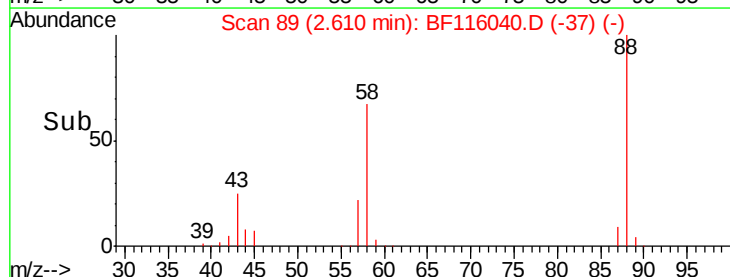
#2

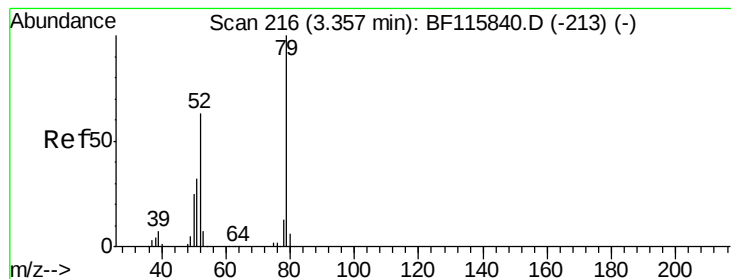
1,4-Dioxane
Concen: 37.823 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion: 88 Resp: 205087
Ion Ratio Lower Upper
88 100
58 67.1 54.1 81.1
43 26.2 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.958 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

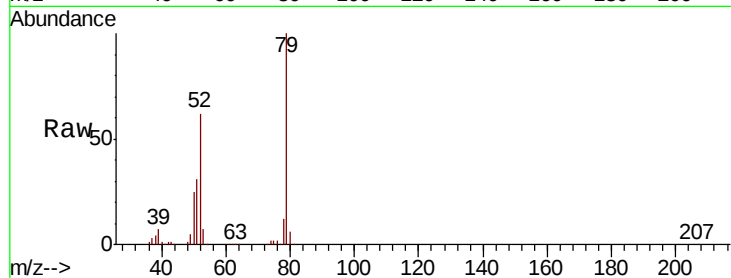
Tot Ion: 79 Resp: 559801

Ion Ratio Lower Upper

79 100

52 62.3 50.2 75.4

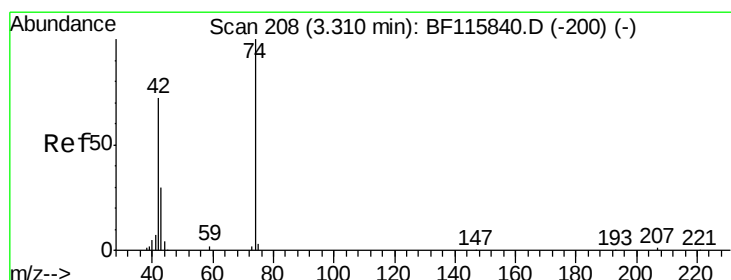
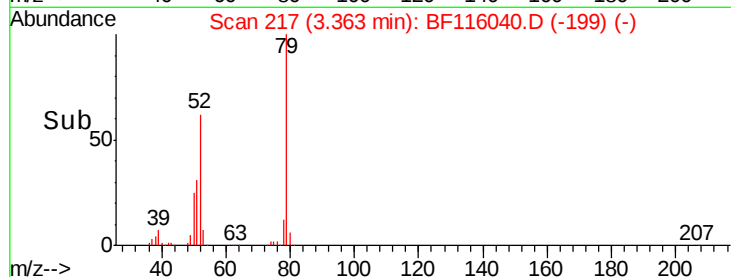
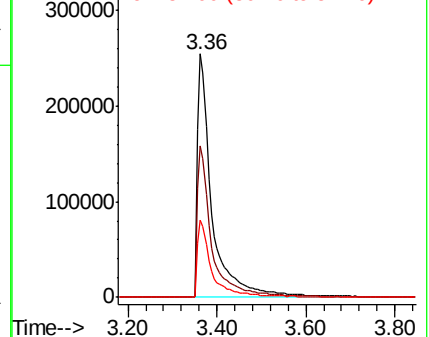
51 31.5 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.549 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

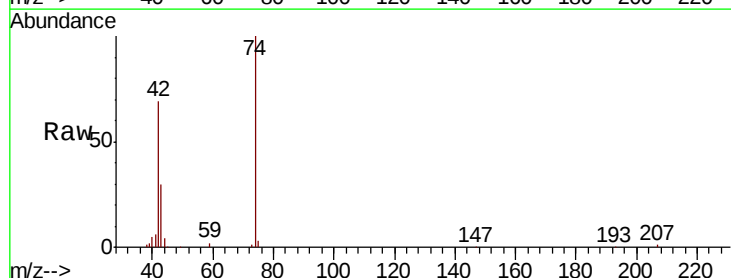
Tgt Ion: 42 Resp: 230422

Ion Ratio Lower Upper

42 100

74 145.0 111.0 166.4

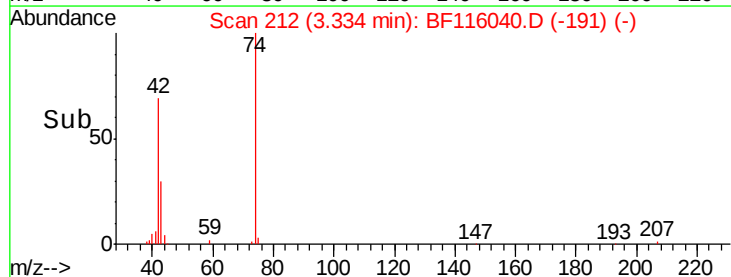
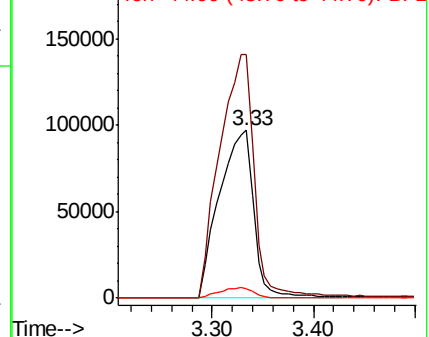
44 5.8 4.7 7.1

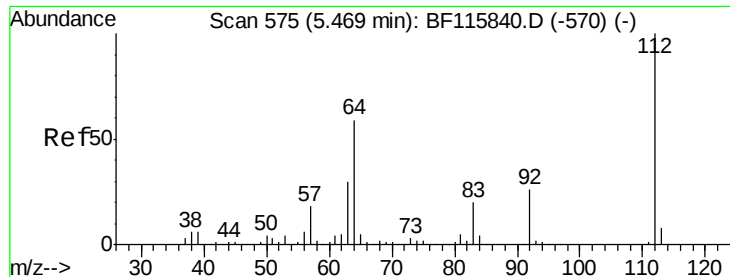


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.957 ng

RT: 5.47 min Scan# 575

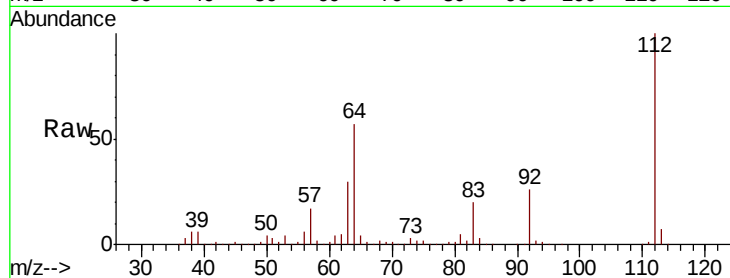
Delta R.T. 0.00 min

Lab File: BF116040.D

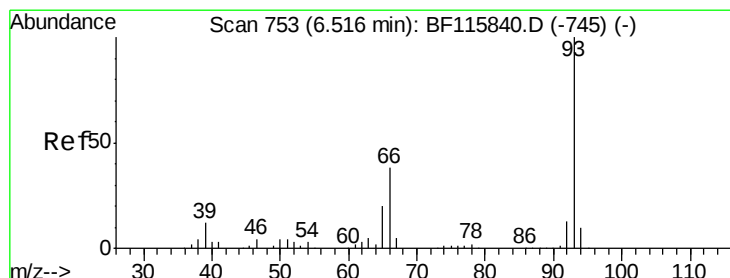
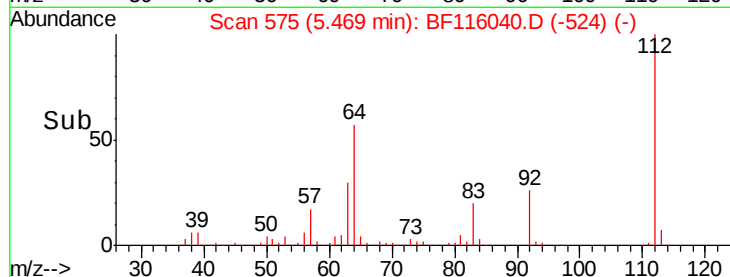
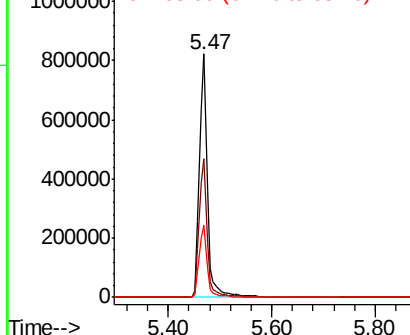
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	868921
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.8	70.2
63	29.6	24.2	36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.693 ng

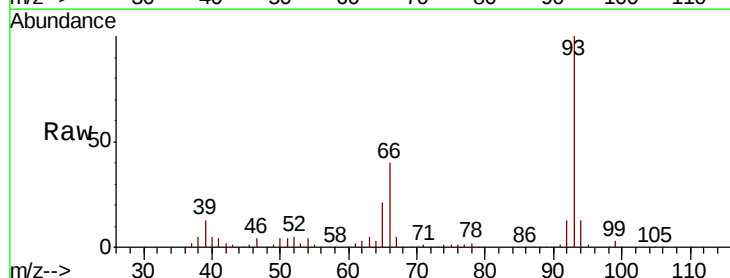
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

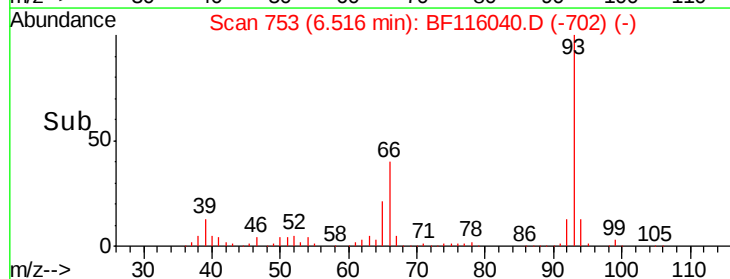
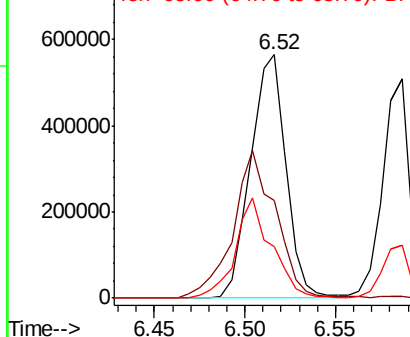
Lab File: BF116040.D

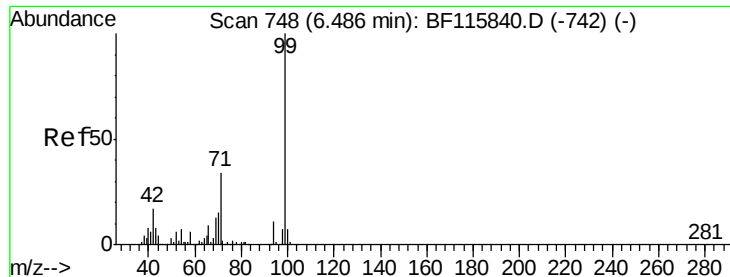
Acq: 7 Aug 2019 10:27

Tgt Ion:	93	Resp:	769780
Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.4	47.0
65	21.3	16.5	24.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.414 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

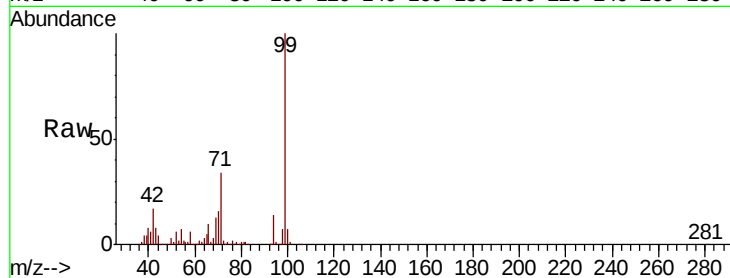
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1116034

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.1	27.1	40.7

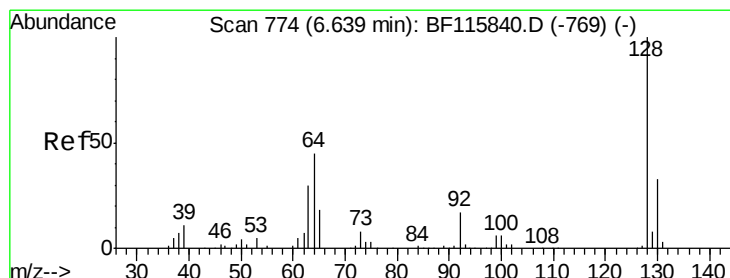
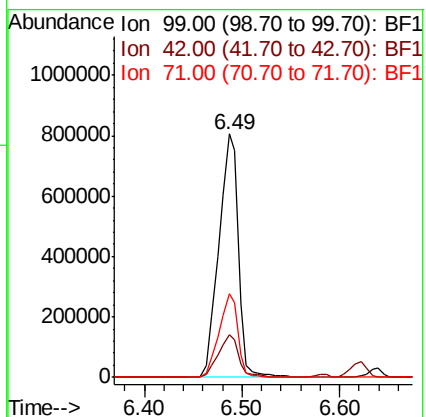
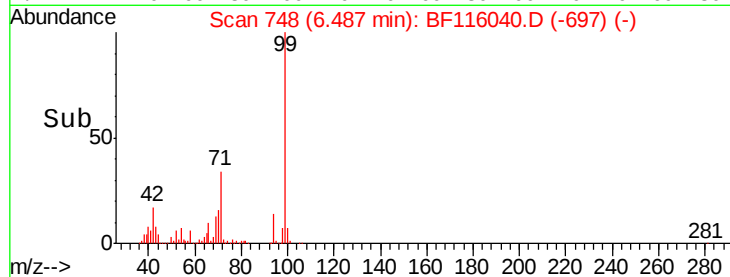


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.888 ng

RT: 6.64 min Scan# 774

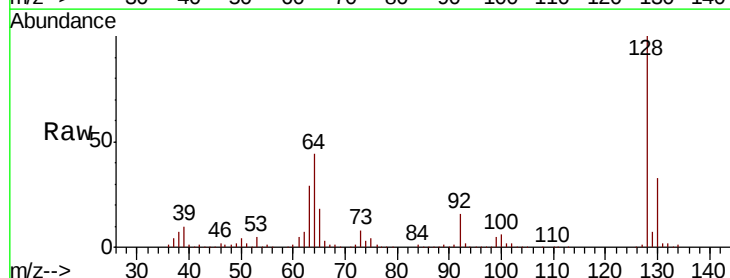
Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion: 128 Resp: 509024

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	44.3	26.1	66.1

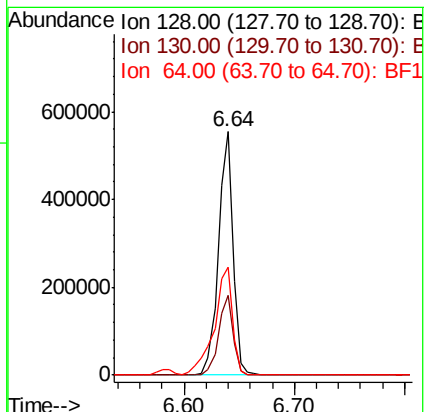
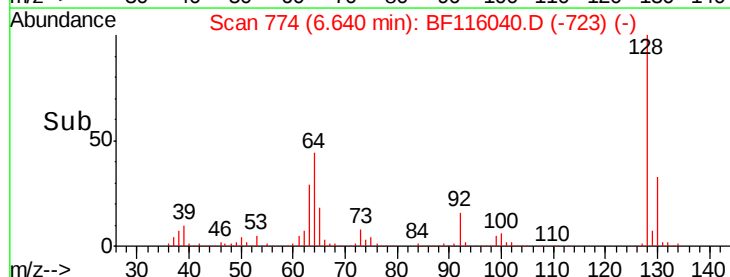


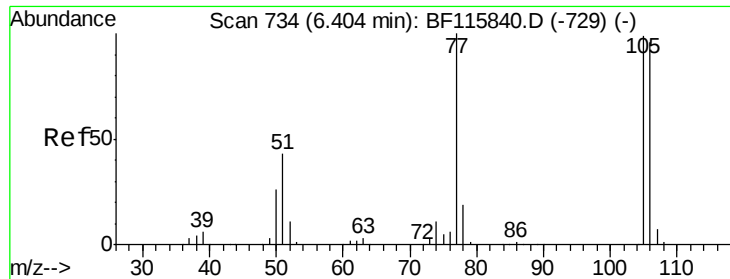
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

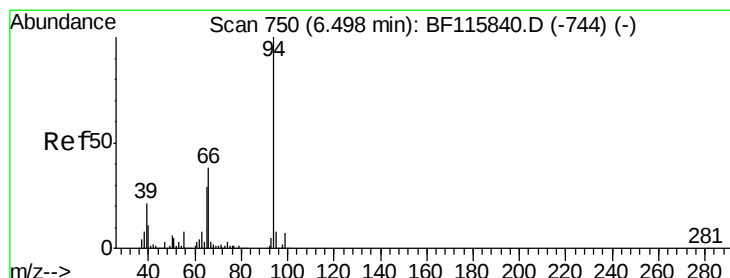
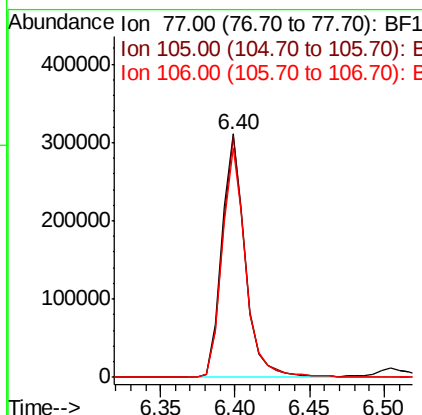
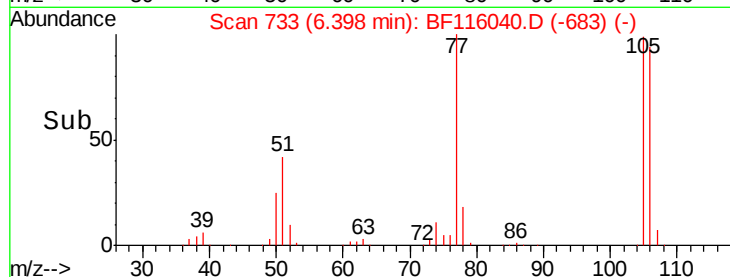
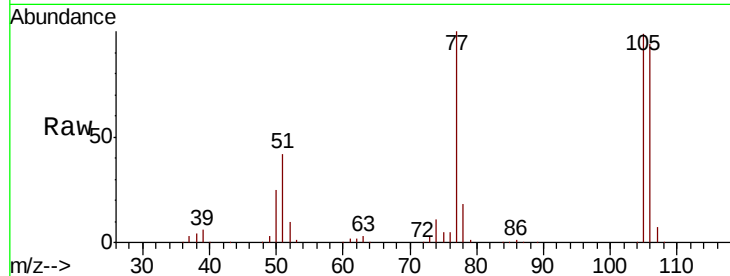




#9
Benzaldehyde
Concen: 36.654 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

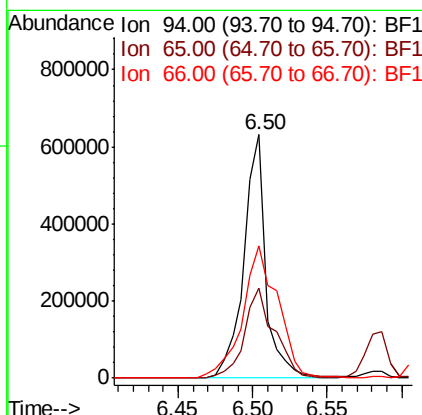
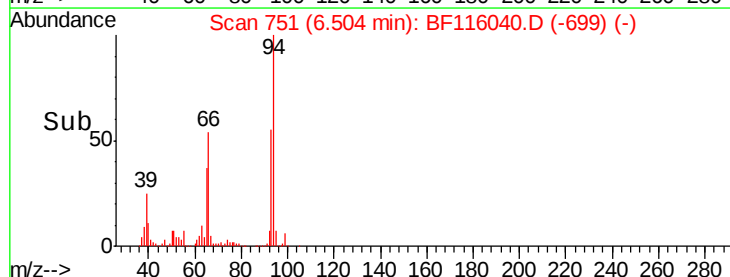
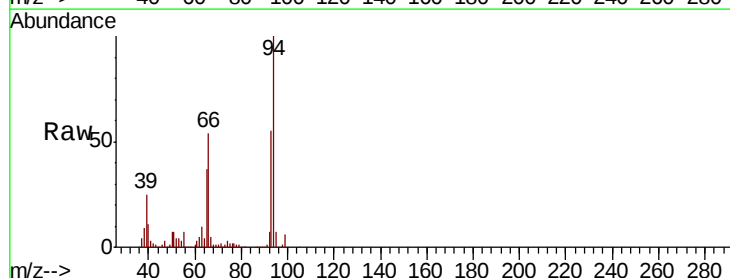
Instrument :
BNA_F
ClientSampleId :

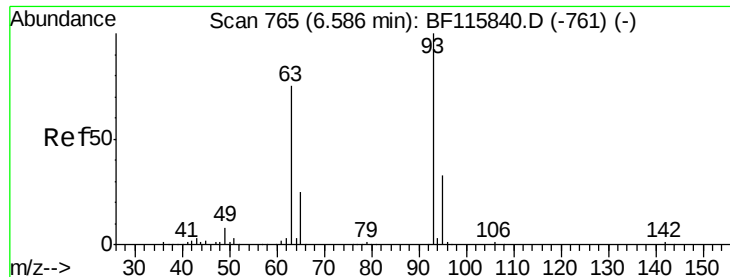
Tot Ion: 77 Resp: 342482
Ion Ratio Lower Upper
77 100
105 99.2 79.0 119.0
106 94.3 76.2 116.2



#10
Phenol
Concen: 40.600 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion: 94 Resp: 647450
Ion Ratio Lower Upper
94 100
65 36.8 8.9 48.9
66 54.2 18.0 58.0





#11

bis(2-Chloroethyl)ether

Concen: 43.416 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

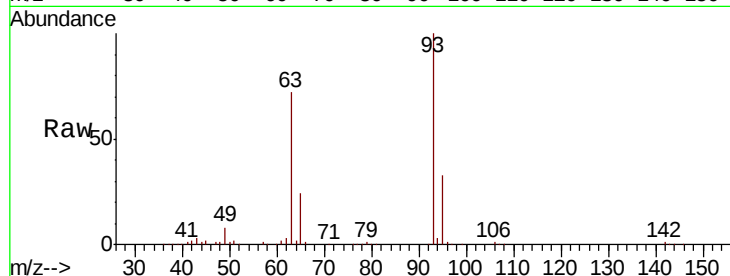
Tot Ion: 93 Resp: 509025

Ion Ratio Lower Upper

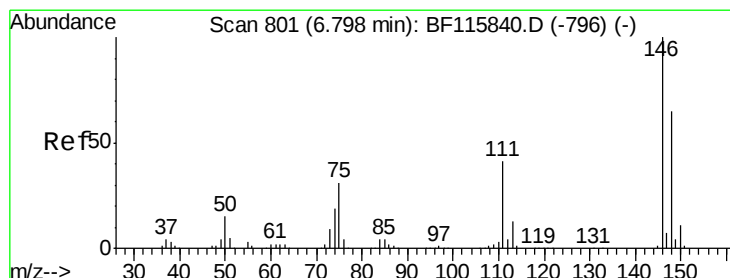
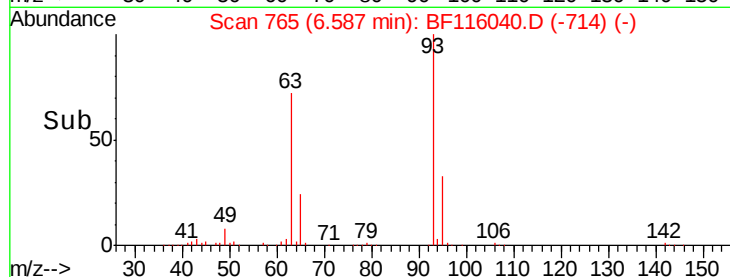
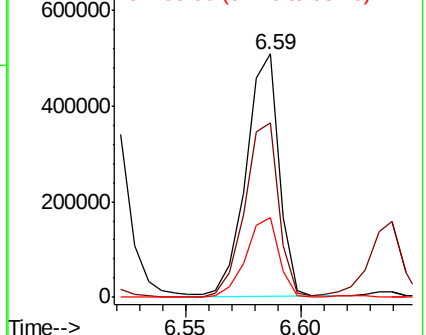
93 100

63 71.9 54.9 94.9

95 33.0 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.230 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

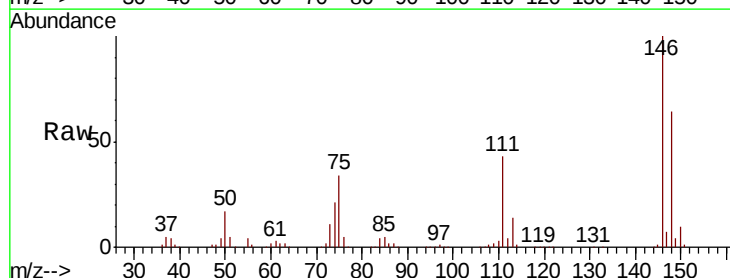
Tgt Ion: 146 Resp: 565543

Ion Ratio Lower Upper

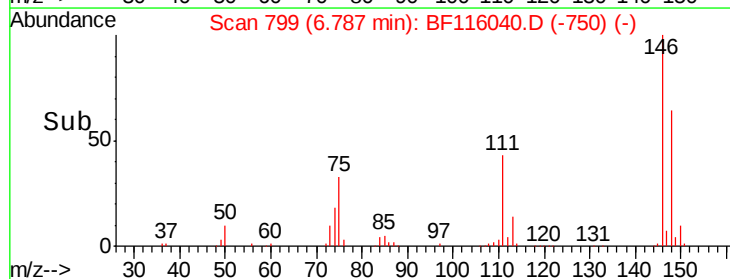
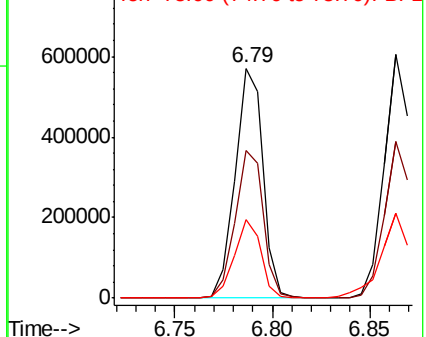
146 100

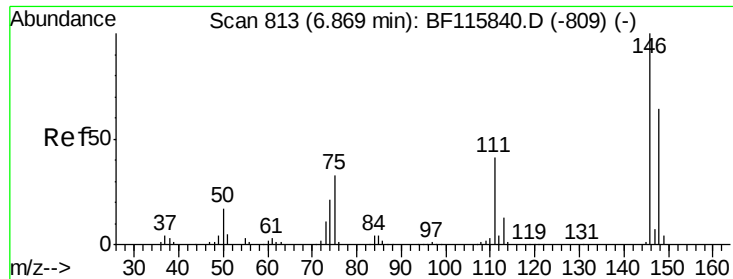
148 64.1 52.1 78.1

75 34.3 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

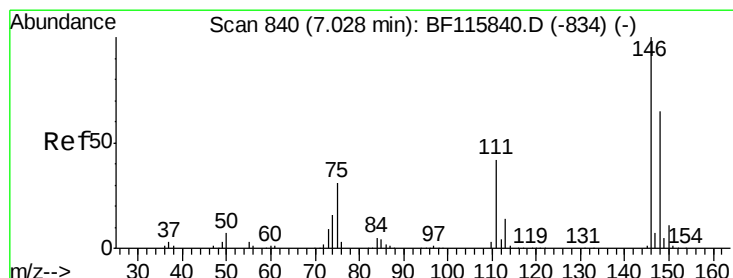
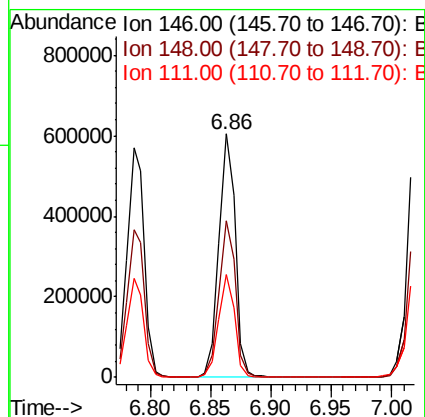
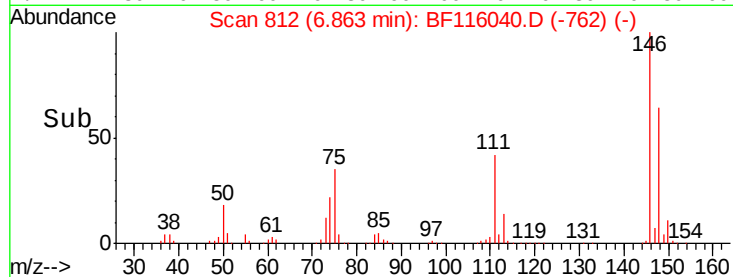
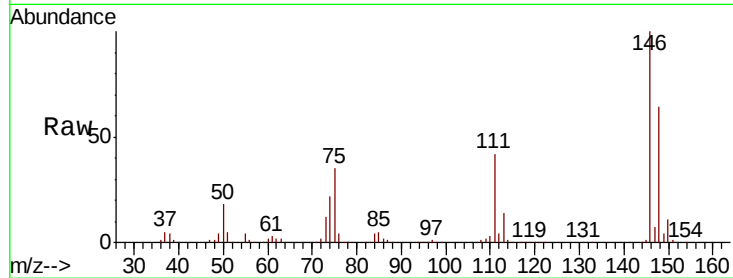




#13
 1,4-Dichlorobenzene
 Concen: 41.039 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

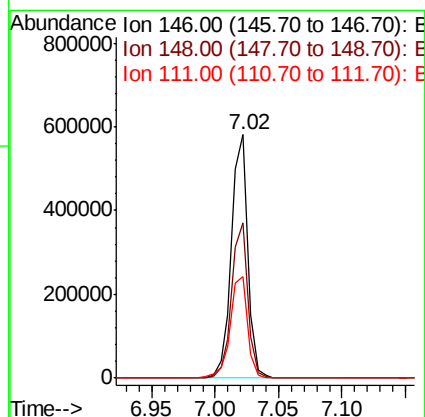
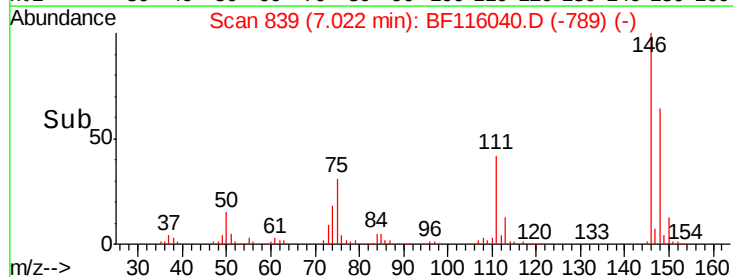
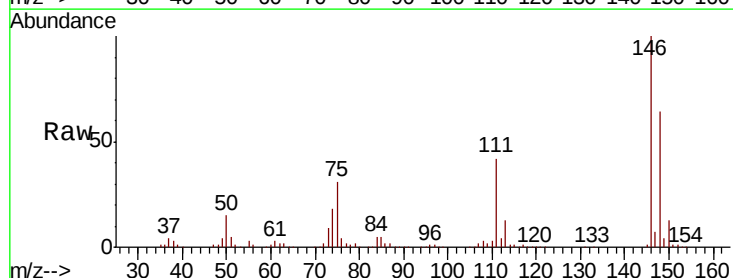
Instrument :
 BNA_F
 ClientSampleId :

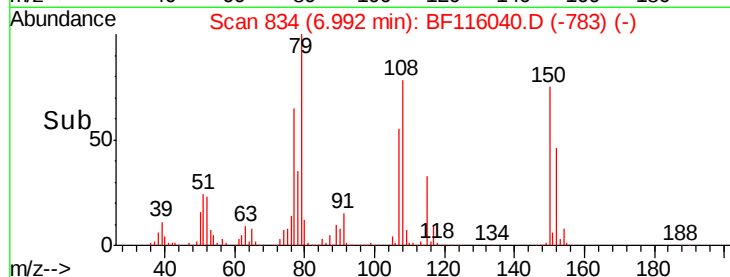
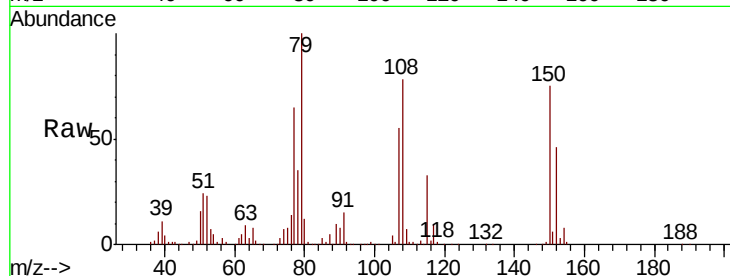
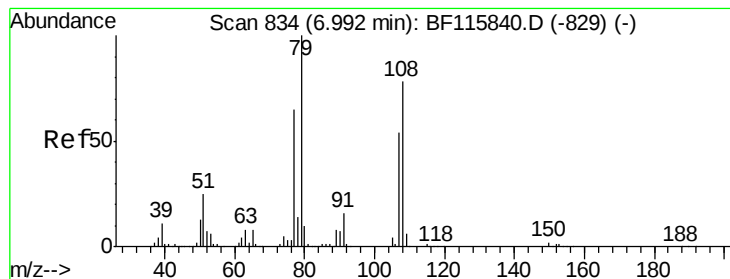
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	42.5	33.2	49.8



#14
 1,2-Dichlorobenzene
 Concen: 40.646 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	41.9	33.6	50.4





#15

Benzyl Alcohol

Concen: 41.619 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

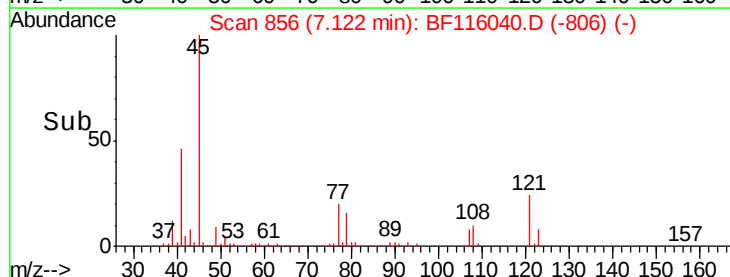
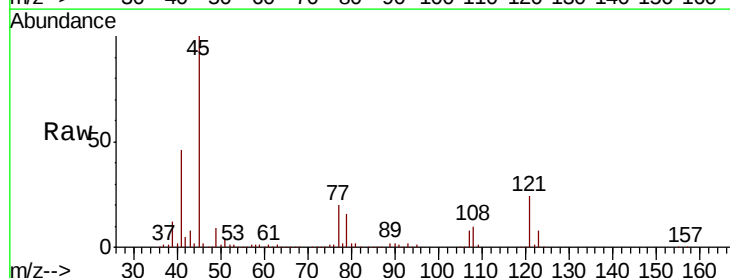
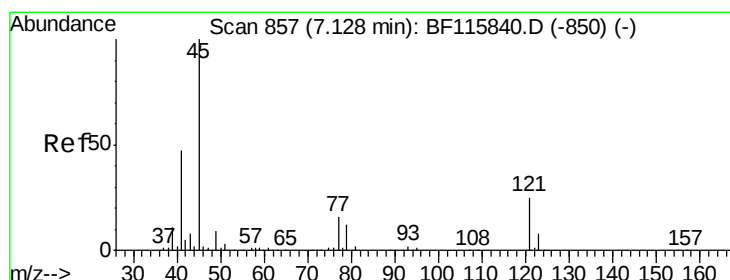
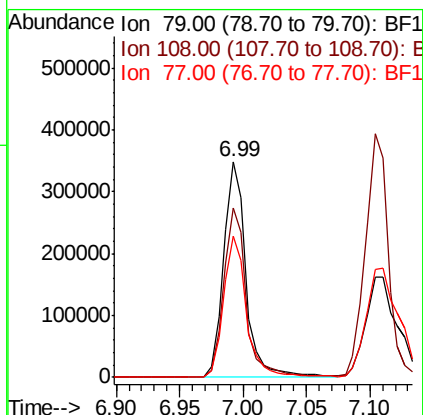
Tot Ion: 79 Resp: 427708

Ion Ratio Lower Upper

79 100

108 78.4 62.8 94.2

77 65.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.965 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

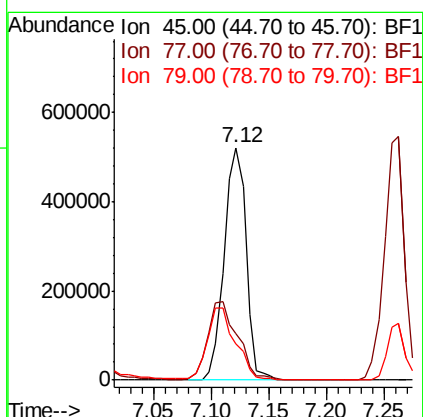
Tgt Ion: 45 Resp: 687096

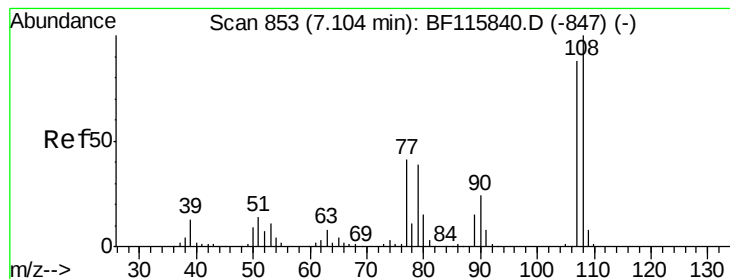
Ion Ratio Lower Upper

45 100

77 20.0 0.0 36.3

79 15.9 0.0 32.5

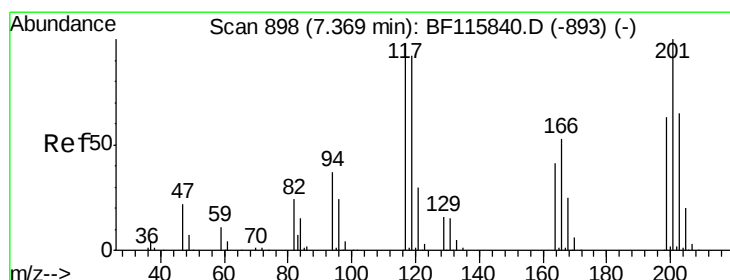
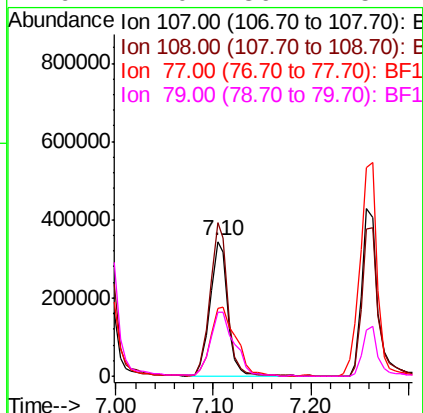
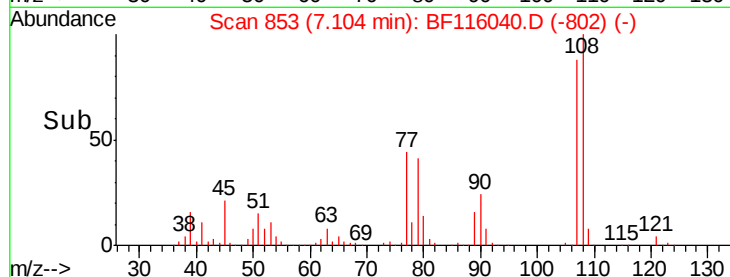
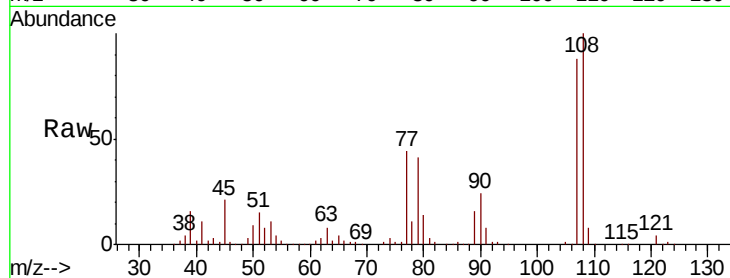




#17
2-Methylphenol
Concen: 43.105 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

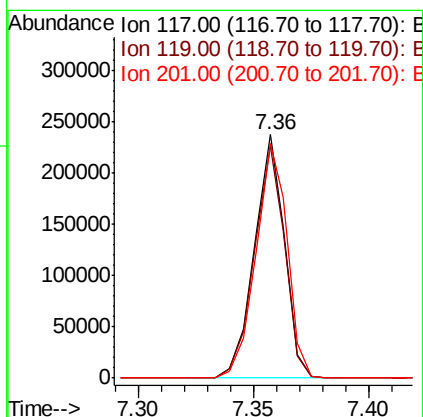
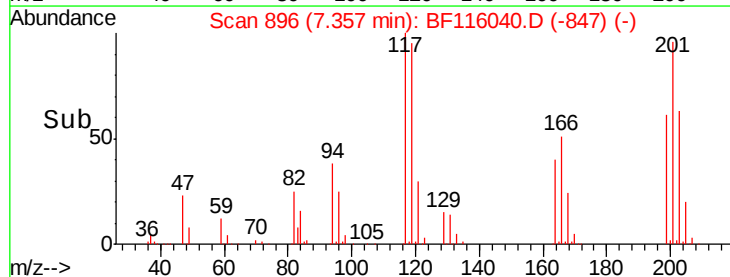
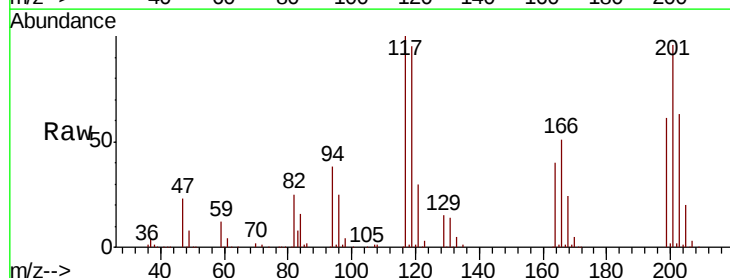
Instrument :
BNA_F
ClientSampled :

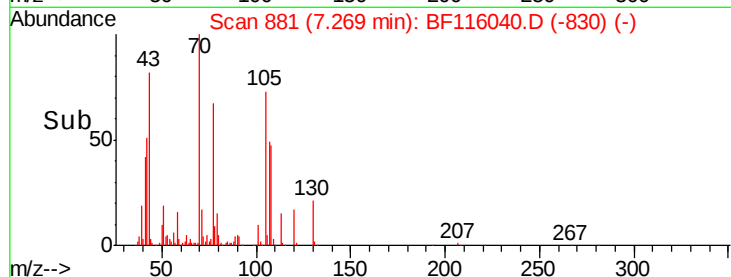
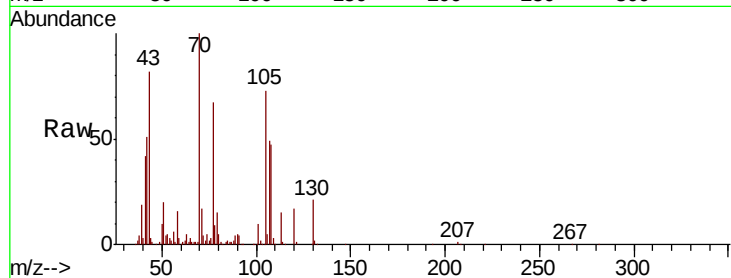
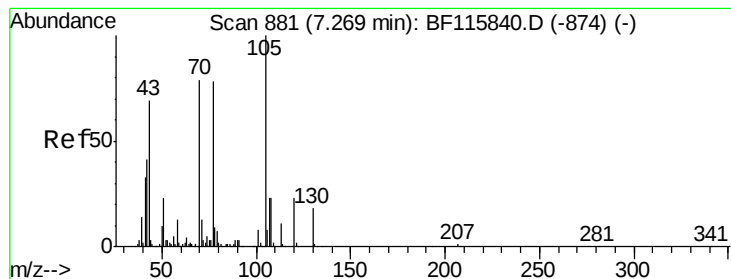
Tot Ion:	107	Resp:	433201
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.4	137.0
77	50.4	37.6	56.4
79	47.0	36.2	54.4



#18
Hexachloroethane
Concen: 42.520 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:	117	Resp:	215004
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.6
201	96.2	82.0	123.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.718 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 366859

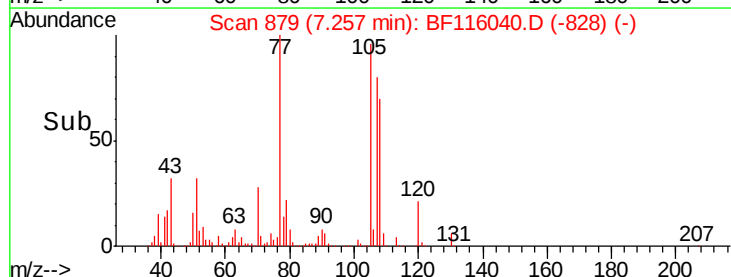
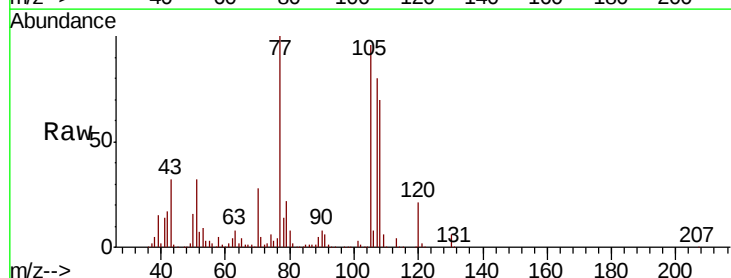
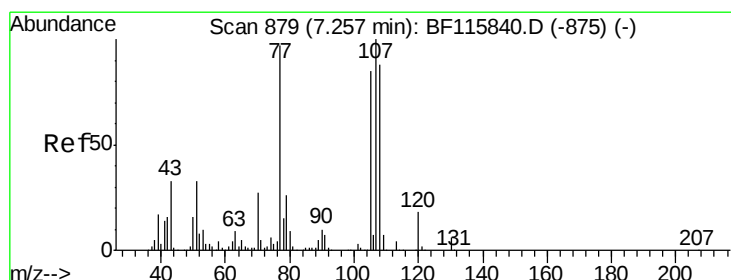
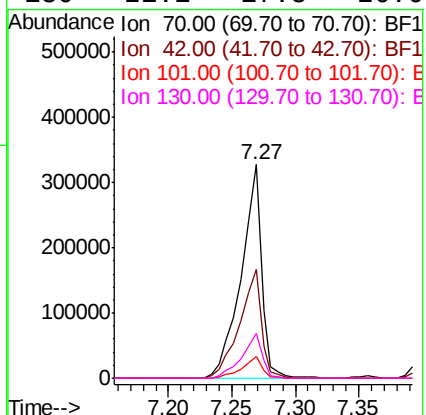
Ion Ratio Lower Upper

70 100

42 51.1 41.8 62.8

101 9.9 7.7 11.5

130 21.1 17.8 26.6



#20

3+4-Methylphenols

Concen: 41.739 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:107 Resp: 496390

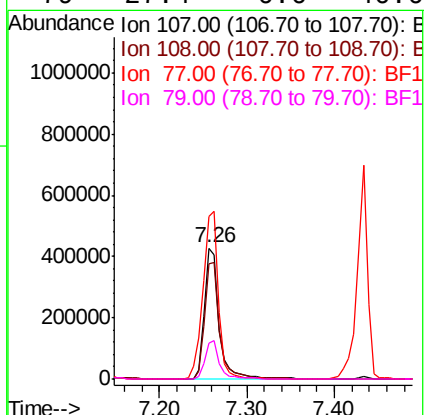
Ion Ratio Lower Upper

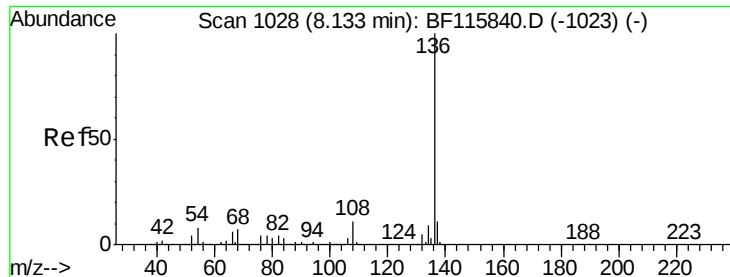
107 100

108 87.6 67.9 107.9

77 124.4 77.3 117.3#

79 27.4 6.6 46.6

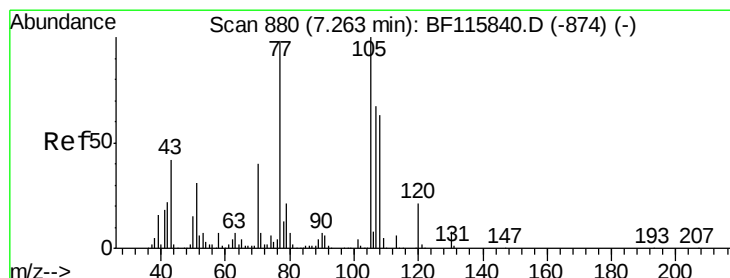
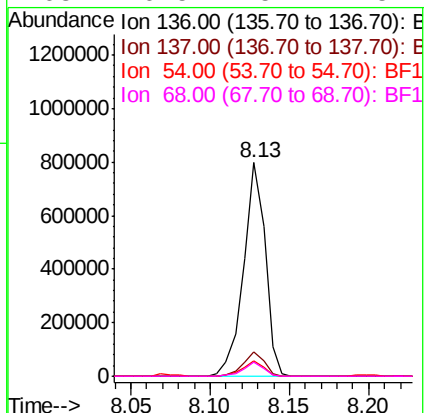
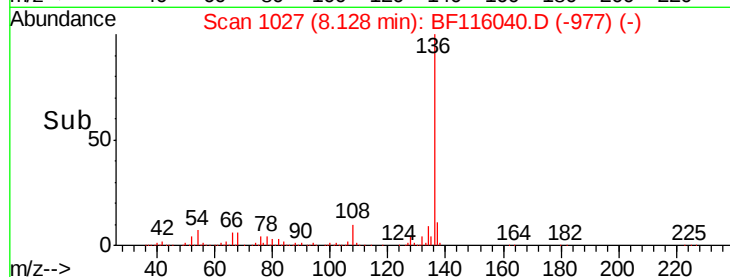
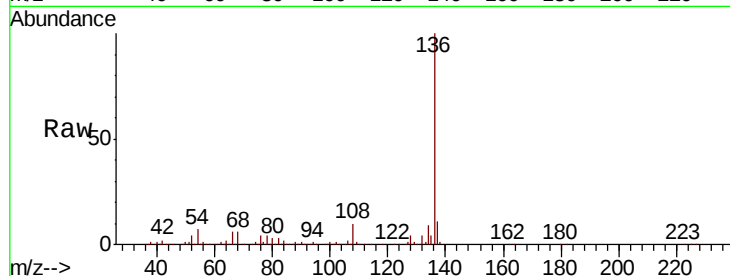




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

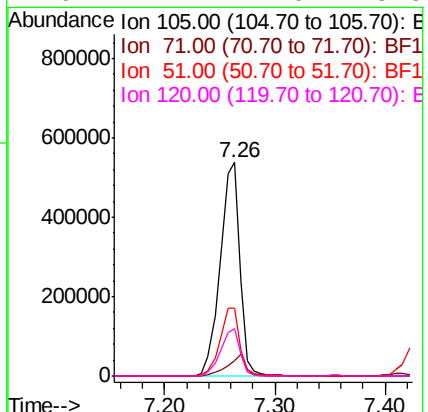
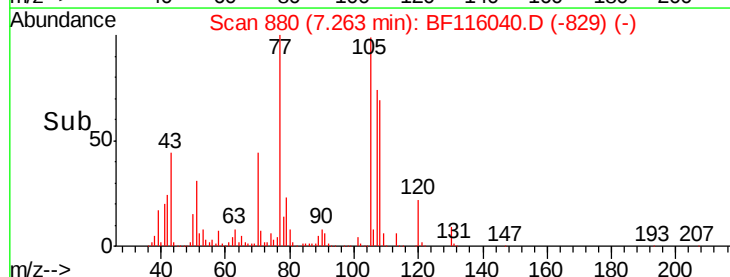
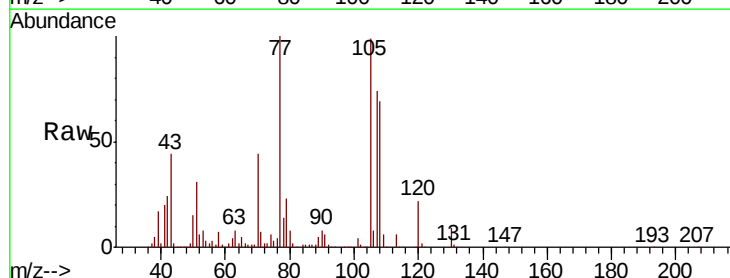
Instrument :
BNA_F
ClientSampleId :

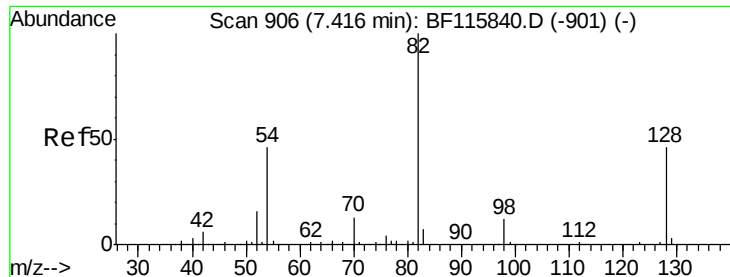
Tot Ion:136	Resp:	756057
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	7.2	6.1 9.1
68	6.5	5.4 8.2



#22
Acetophenone
Concen: 40.382 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:105	Resp:	669594
Ion	Ratio	Lower Upper
105	100	
71	7.4	5.4 8.0
51	31.6	24.6 36.8
120	22.4	17.0 25.6

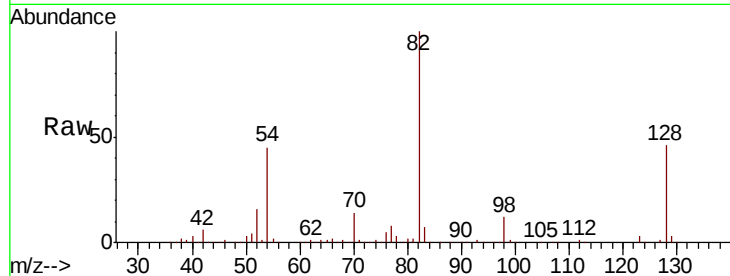




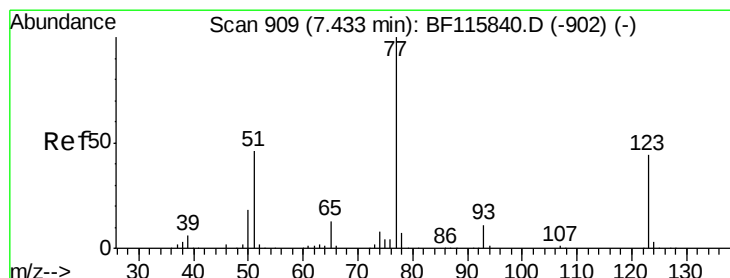
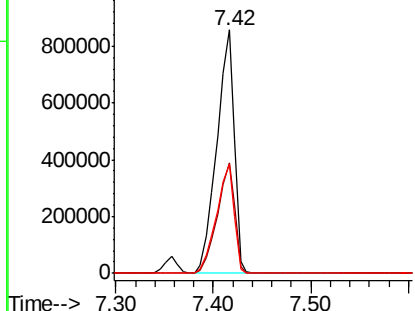
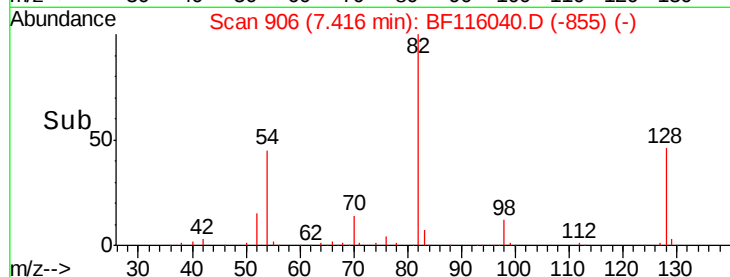
#23
Nitrobenzene-d5
Concen: 81.486 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1067307
Ion Ratio Lower Upper
82 100
128 45.6 36.6 55.0
54 45.0 36.6 55.0

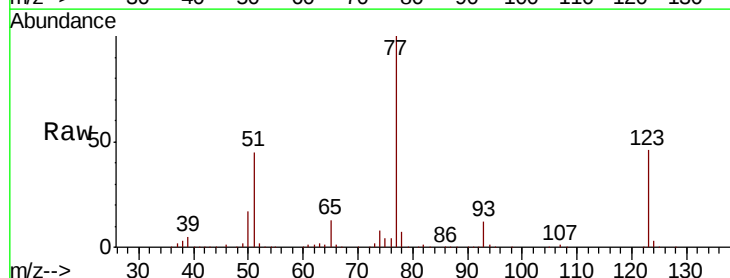


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

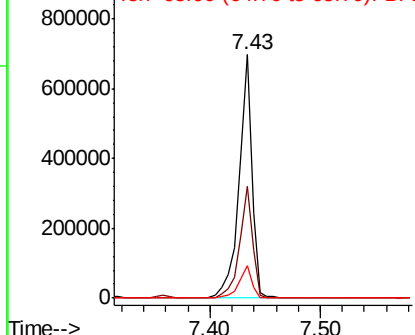
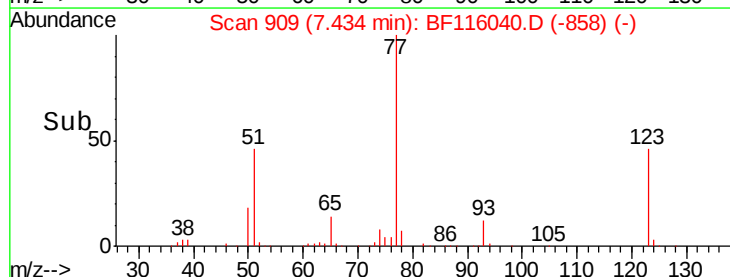


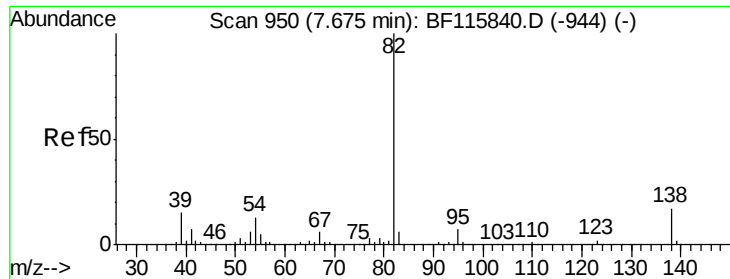
#24
Nitrobenzene
Concen: 40.916 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion: 77 Resp: 578660
Ion Ratio Lower Upper
77 100
123 45.9 35.5 53.3
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.762 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

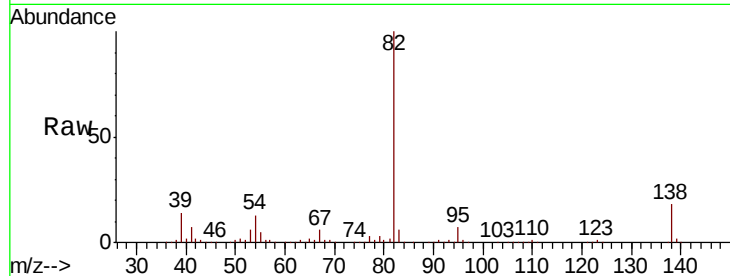
Tot Ion: 82 Resp: 1070992

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

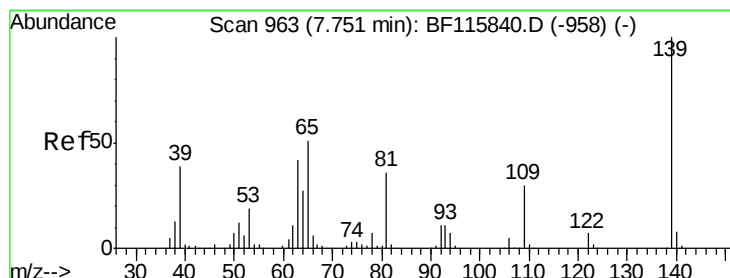
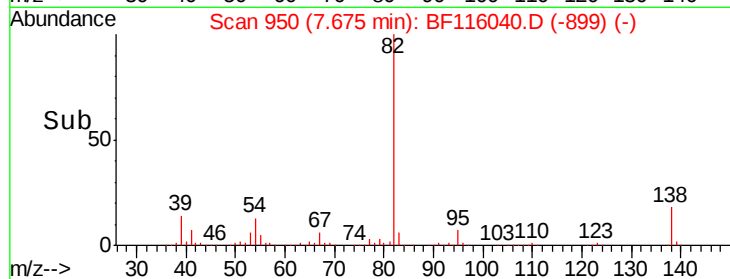
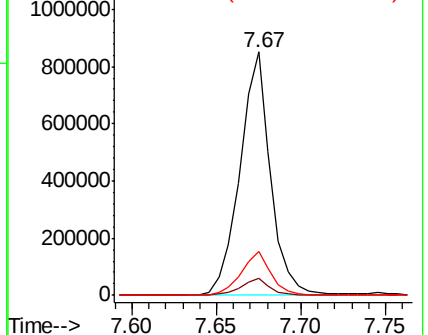
138 18.1 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.386 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

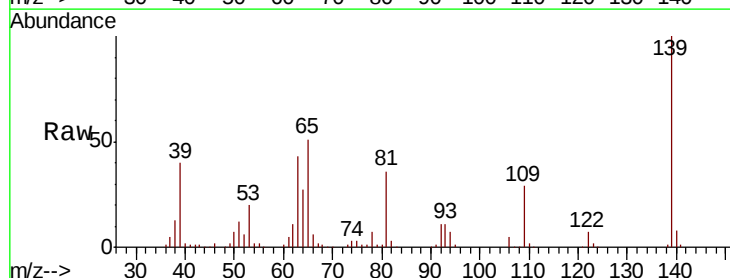
Tgt Ion: 139 Resp: 295905

Ion Ratio Lower Upper

139 100

109 29.3 23.6 35.4

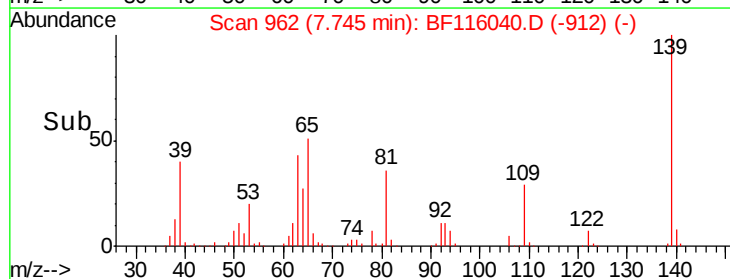
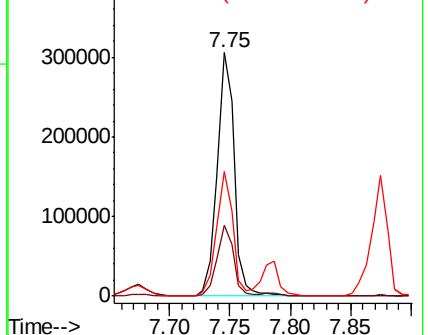
65 51.4 40.6 60.8

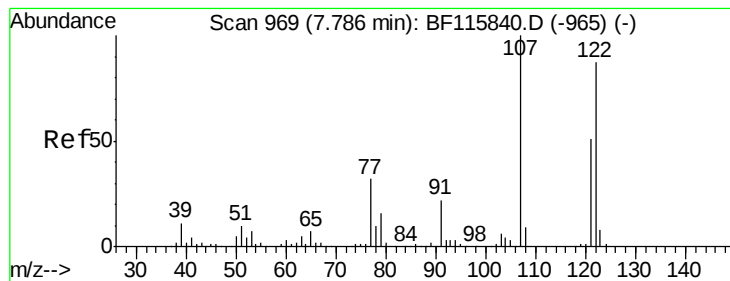


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.580 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

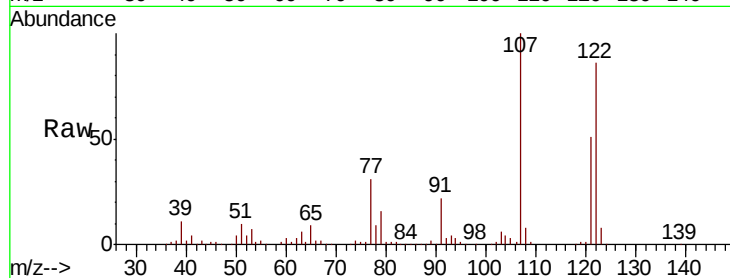
Tot Ion:122 Resp: 407013

Ion Ratio Lower Upper

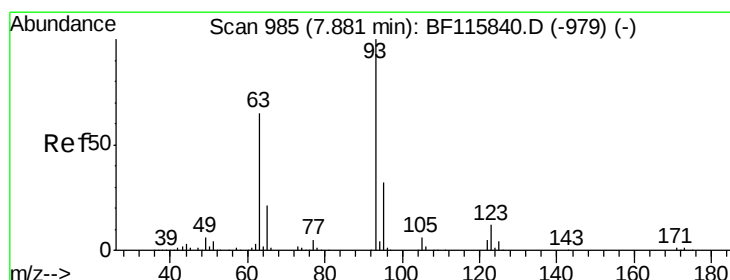
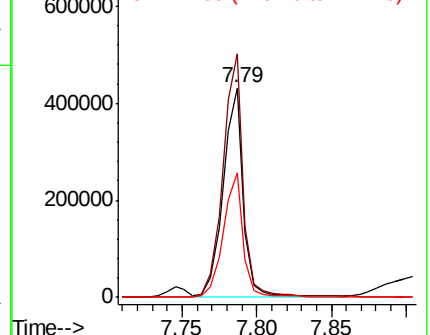
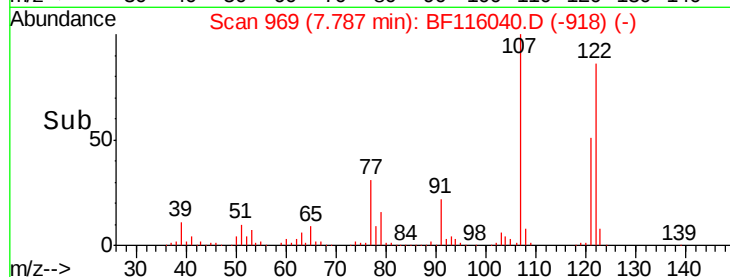
122 100

107 116.3 91.7 137.5

121 59.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.501 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

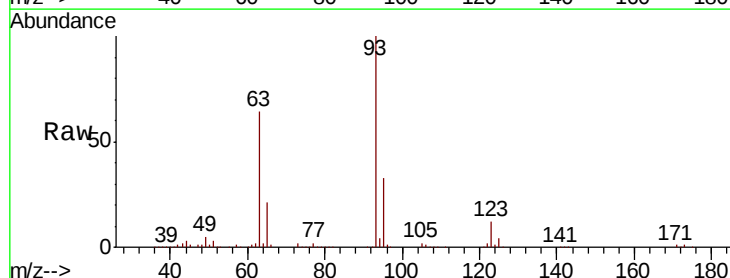
Tgt Ion: 93 Resp: 675286

Ion Ratio Lower Upper

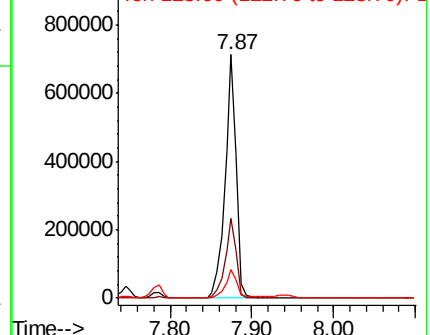
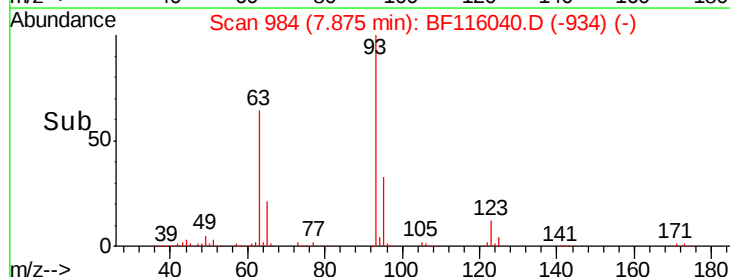
93 100

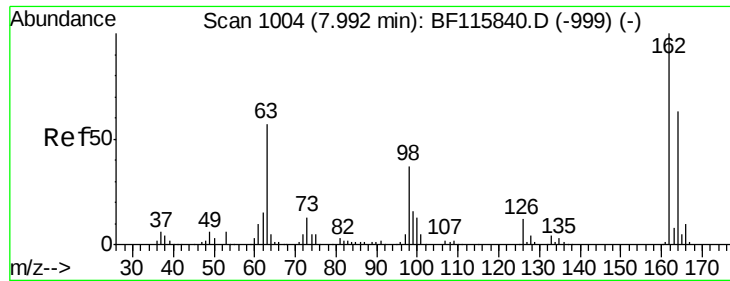
95 32.8 26.0 39.0

123 11.5 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

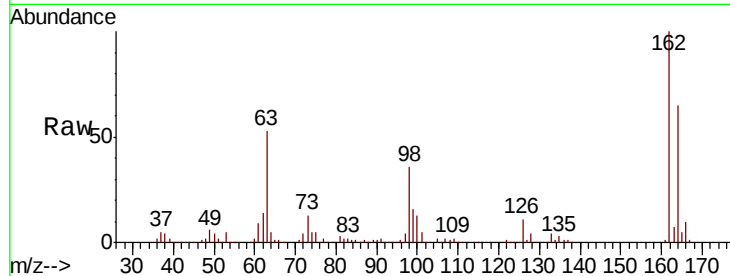




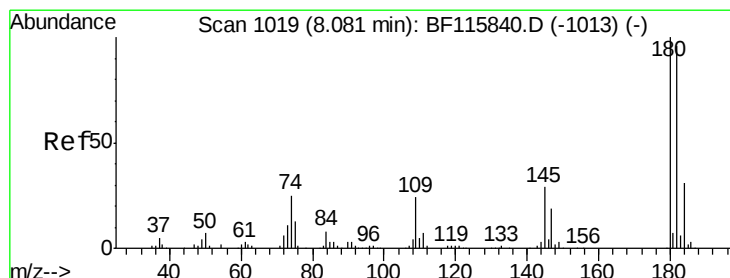
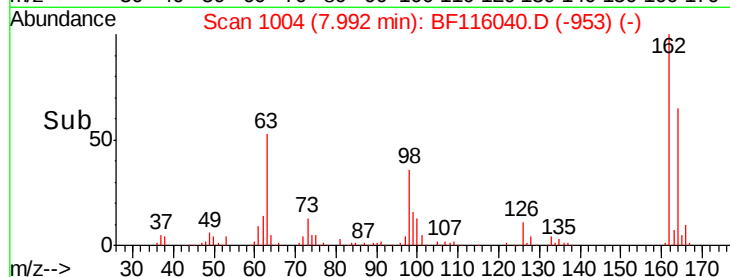
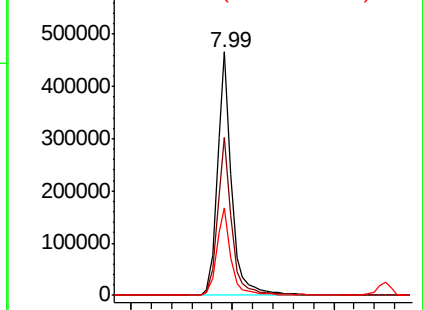
#29
 2,4-Dichlorophenol
 Concen: 42.656 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 451740
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.2 83.2
 98 35.8 17.3 57.3

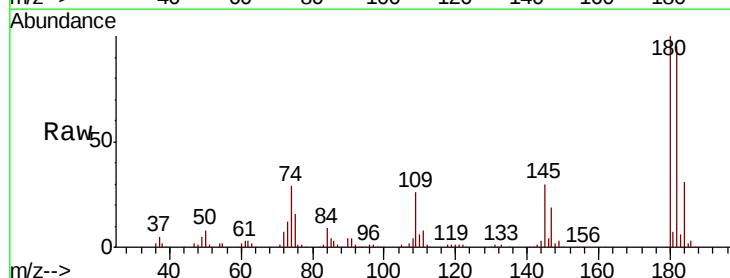


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

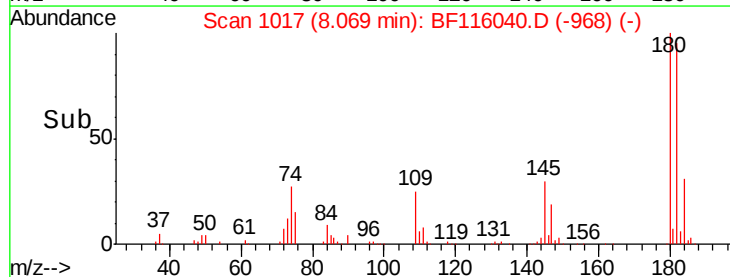
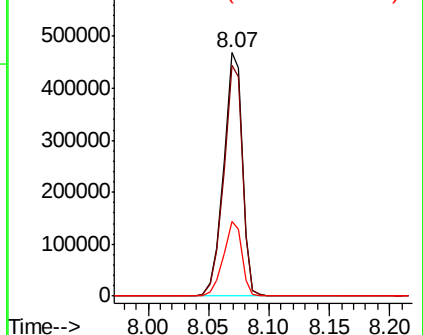


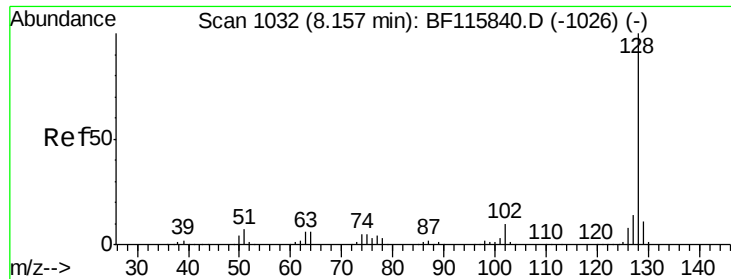
#30
 1,2,4-Trichlorobenzene
 Concen: 41.754 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:180 Resp: 504046
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 114.8
 145 30.4 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

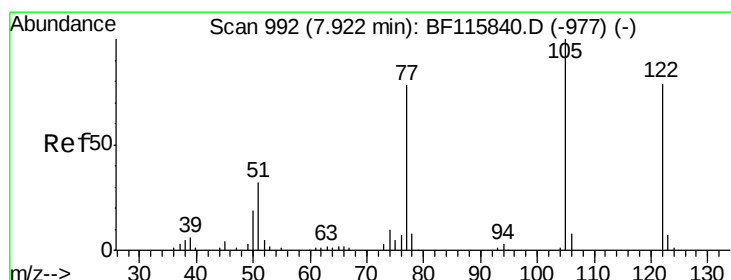
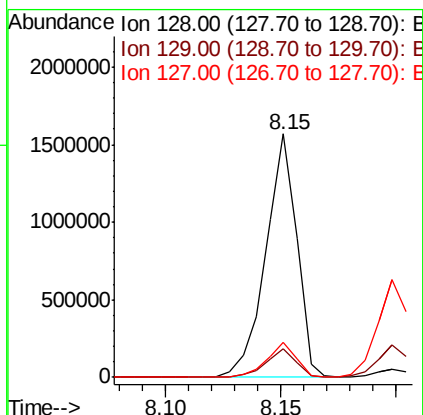
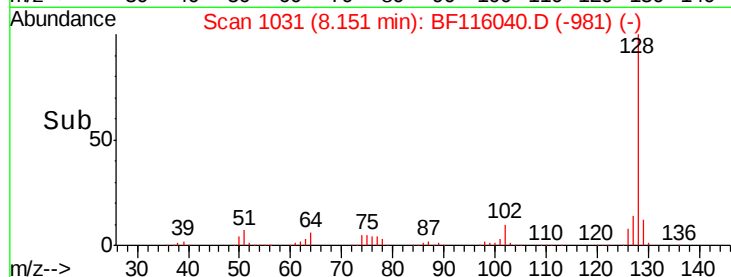
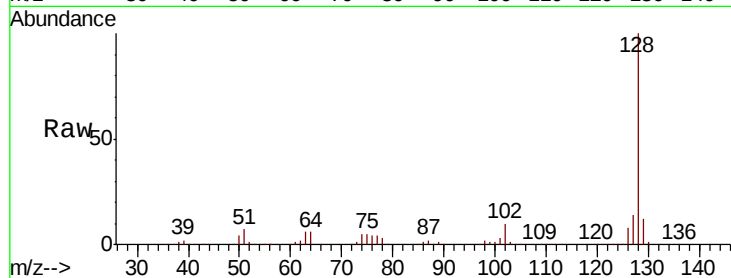




#31
Naphthalene
Concen: 41.221 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

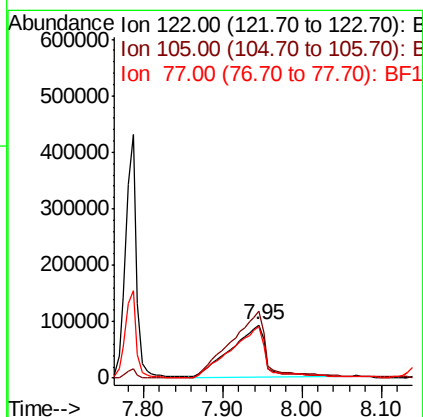
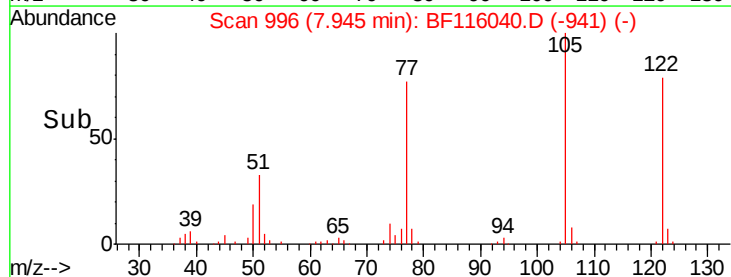
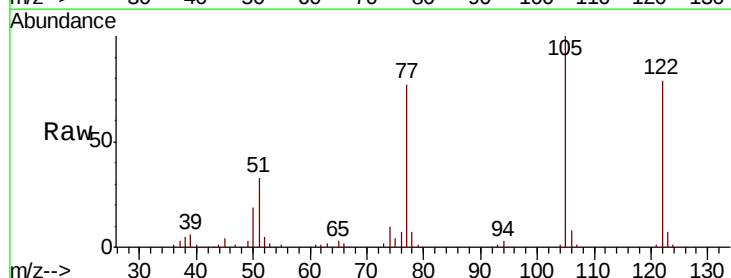
Instrument :
BNA_F
ClientSampleId :

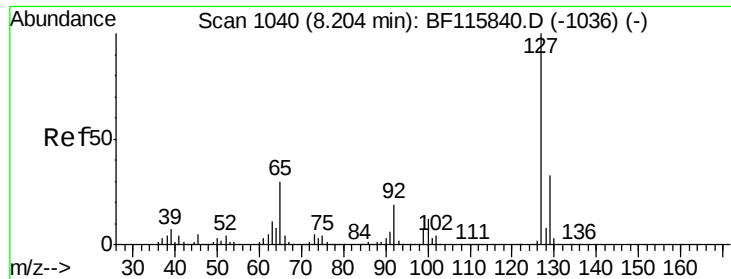
Tot Ion:128 Resp: 1466572
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 14.2 11.0 16.4



#32
Benzoic acid
Concen: 41.104 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:122 Resp: 290664
Ion Ratio Lower Upper
122 100
105 126.1 103.1 143.1
77 96.7 76.8 116.8

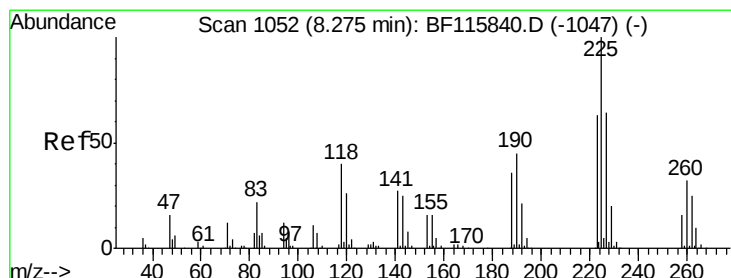
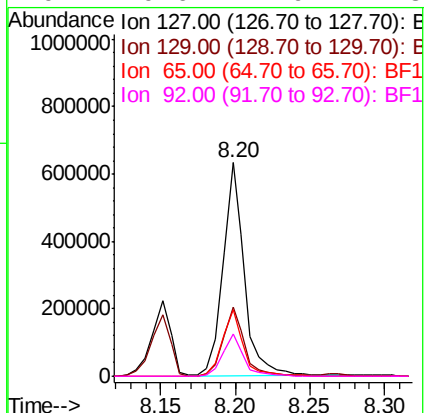
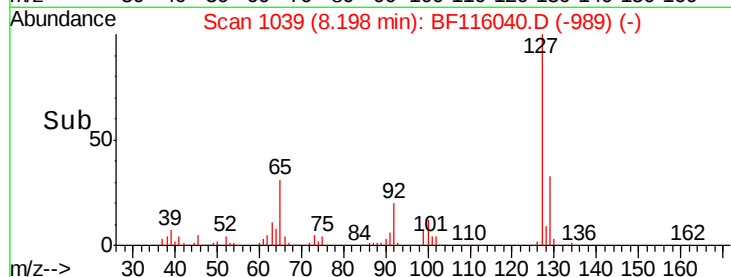
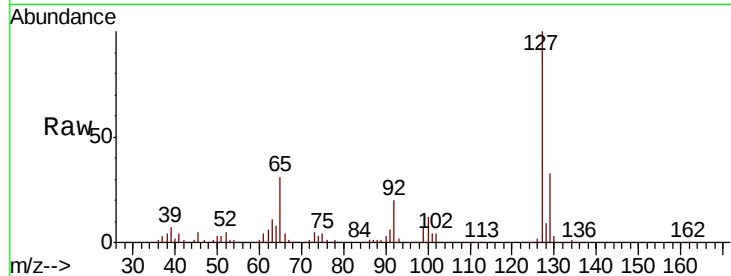




#33
4-Chloroaniline
Concen: 39.978 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

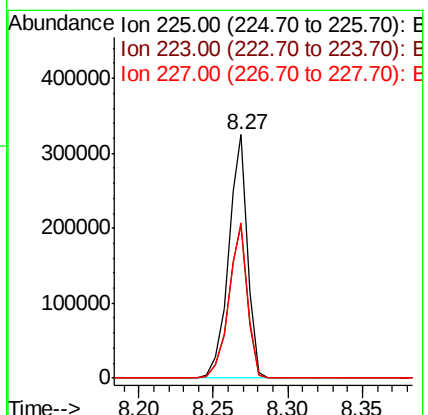
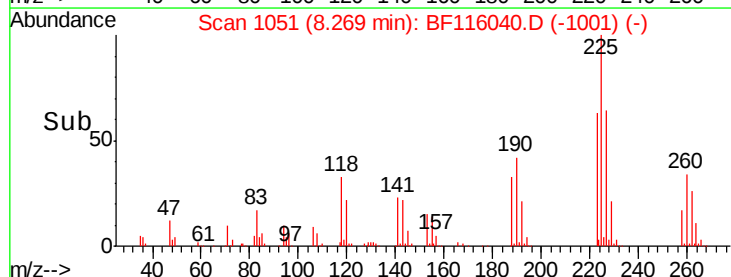
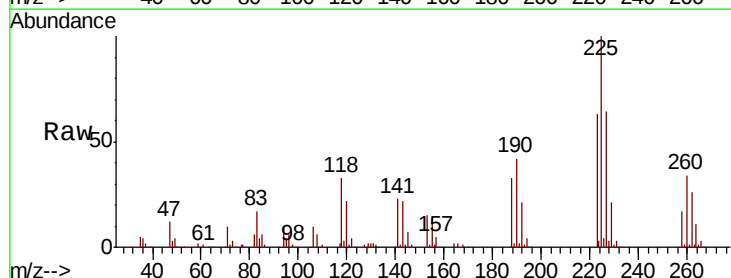
Instrument :
BNA_F
ClientSampleId :

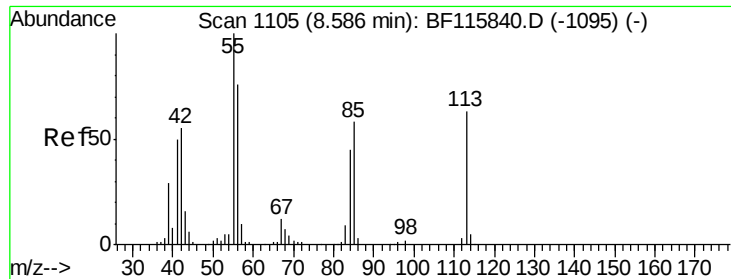
Tot Ion:	127	Resp:	635520
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	31.1	23.9	35.9
92	19.6	14.9	22.3



#34
Hexachlorobutadiene
Concen: 41.919 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:	225	Resp:	291474
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	63.7	51.6	77.4

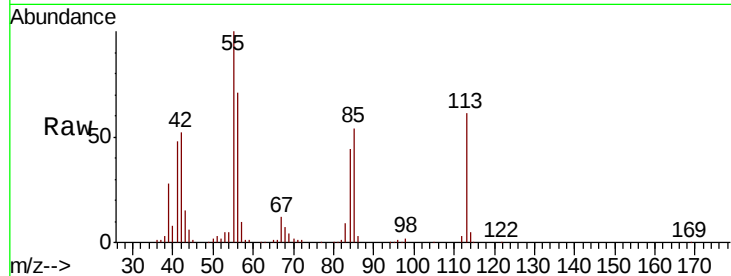




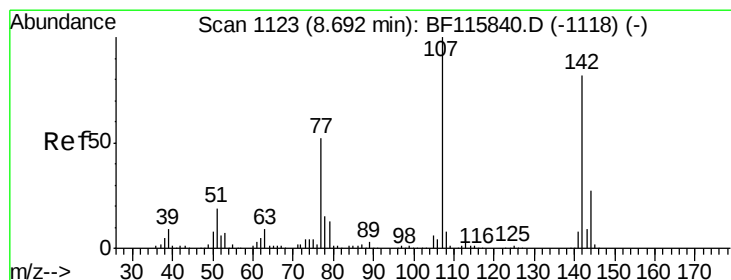
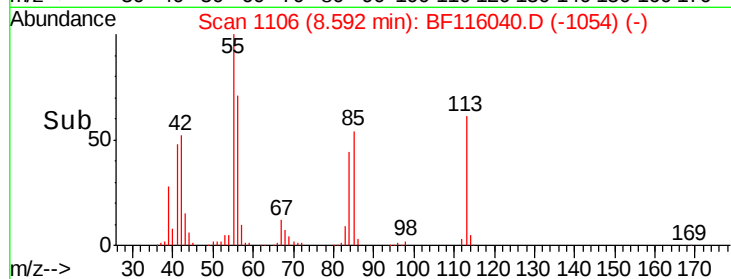
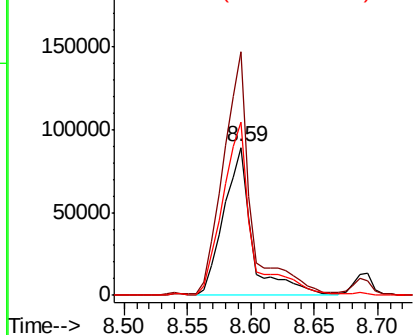
#35
 Caprolactam
 Concen: 40.427 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 138467
 Ion Ratio Lower Upper
 113 100
 55 164.3 138.1 178.1
 56 117.1 100.6 140.6

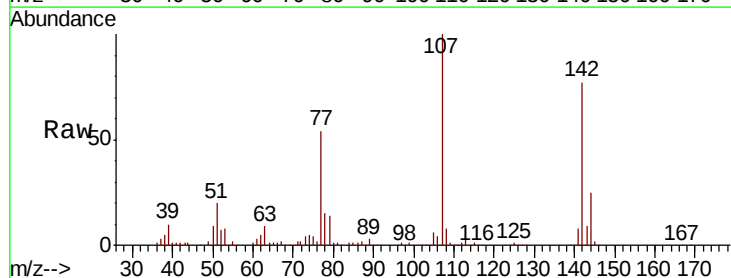


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

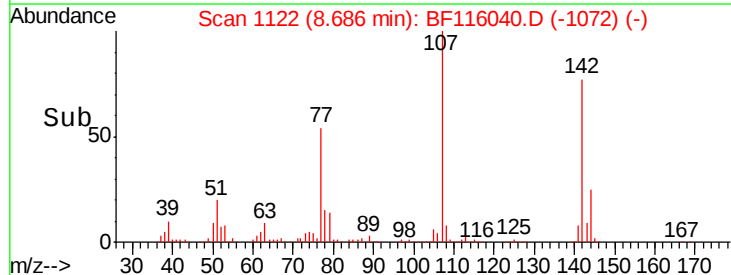
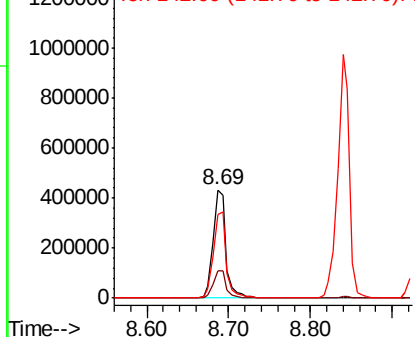


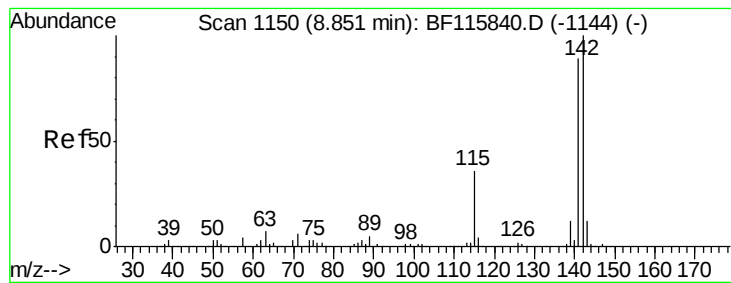
#36
 4-Chloro-3-methylphenol
 Concen: 43.138 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:107 Resp: 475262
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.4 32.0
 142 77.1 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

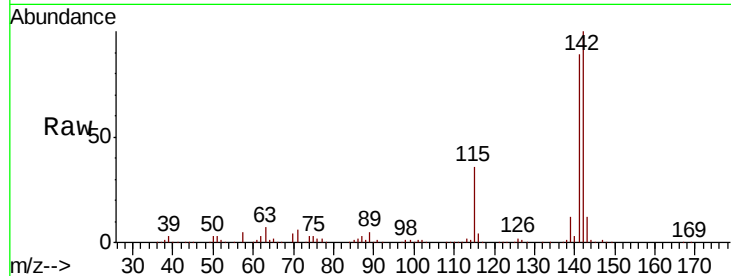




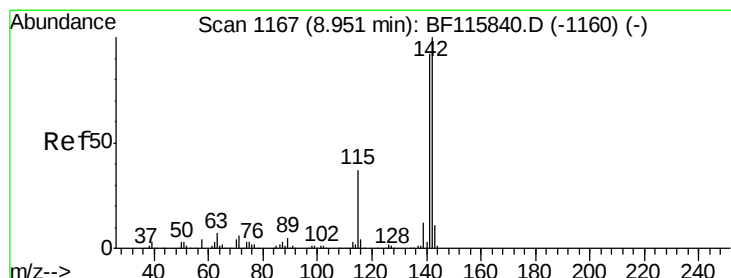
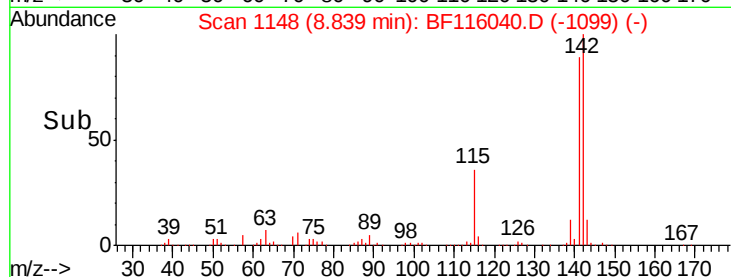
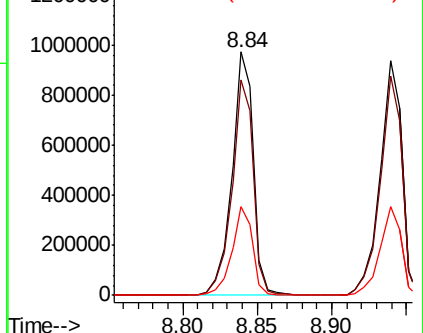
#37
2-Methylnaphthalene
Concen: 41.883 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 981381
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2
115 36.3 28.9 43.3

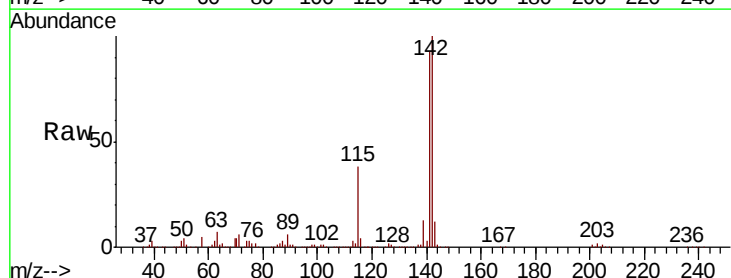


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

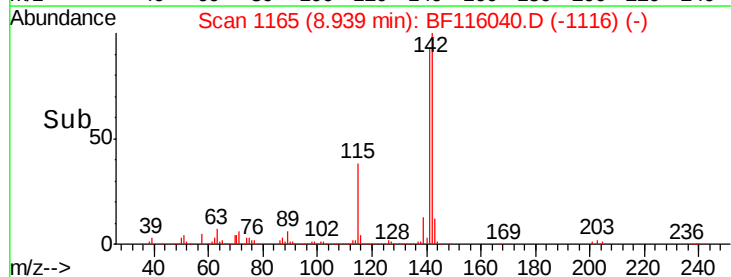
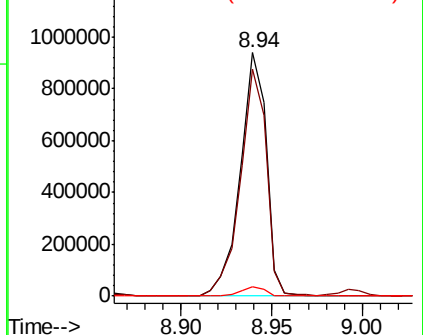


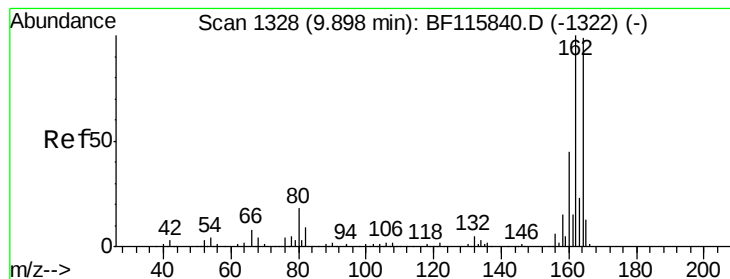
#38
1-Methylnaphthalene
Concen: 42.160 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:142 Resp: 934571
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampled :

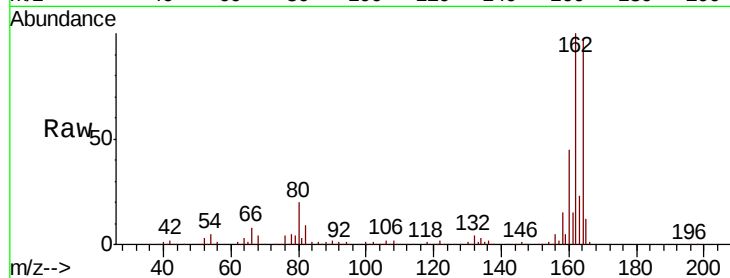
Tot Ion:164 Resp: 407063

Ion Ratio Lower Upper

164 100

162 103.3 80.8 121.2

160 47.0 36.2 54.4

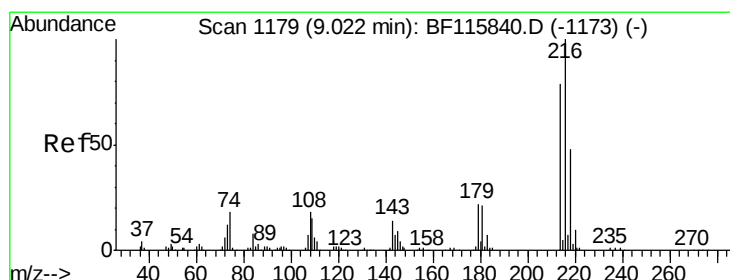
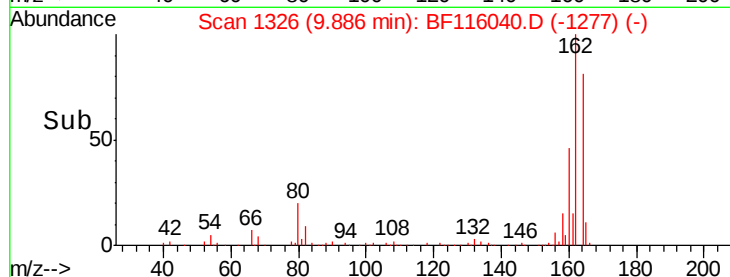
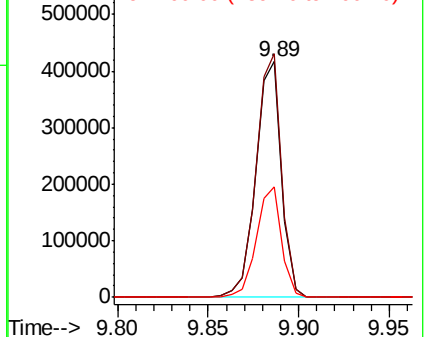


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.913 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:216 Resp: 456114

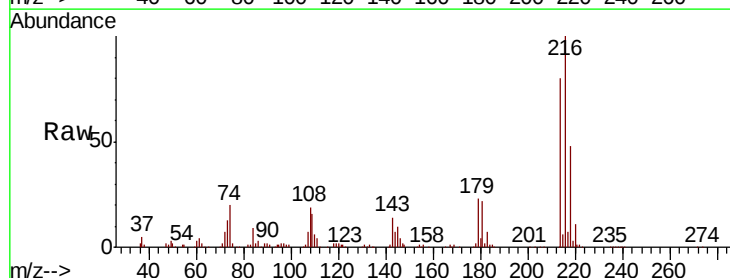
Ion Ratio Lower Upper

216 100

214 79.5 62.8 94.2

179 22.3 17.6 26.4

108 20.6 16.1 24.1



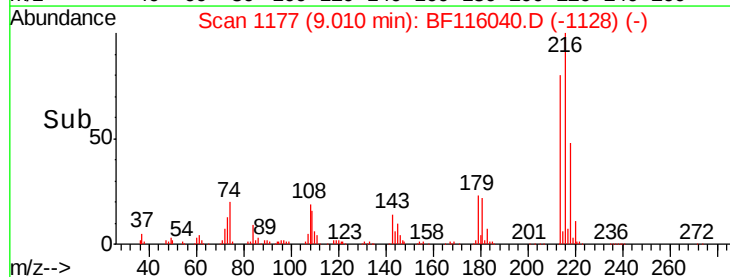
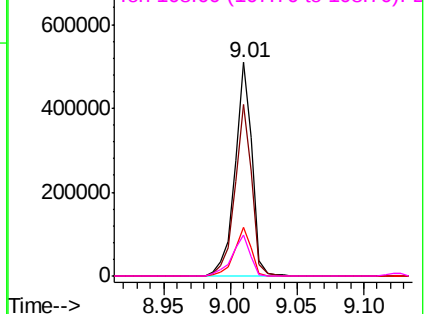
Abundance

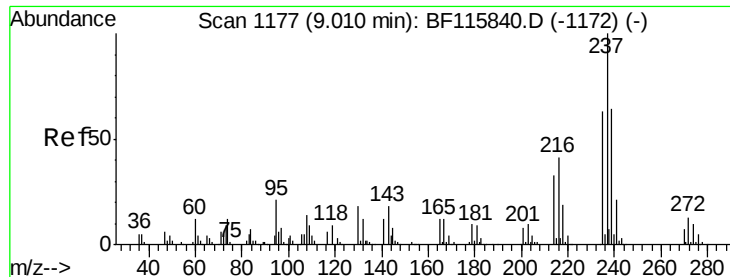
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.487 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

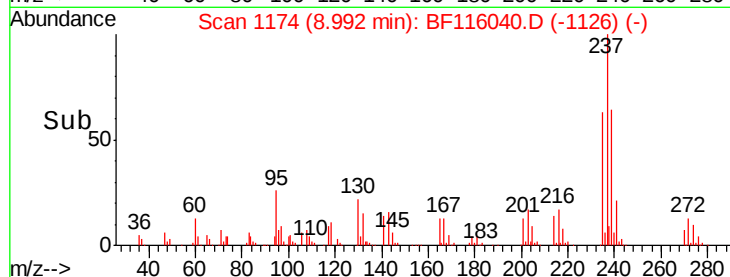
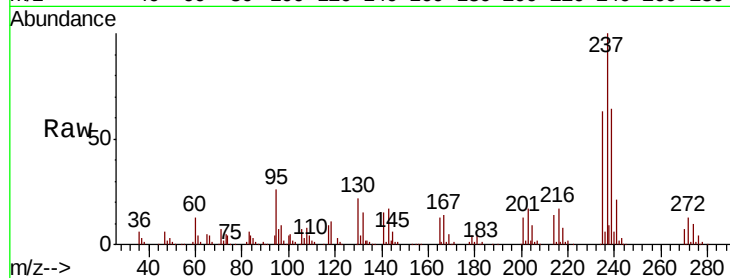
Tot Ion:237 Resp: 177090

Ion Ratio Lower Upper

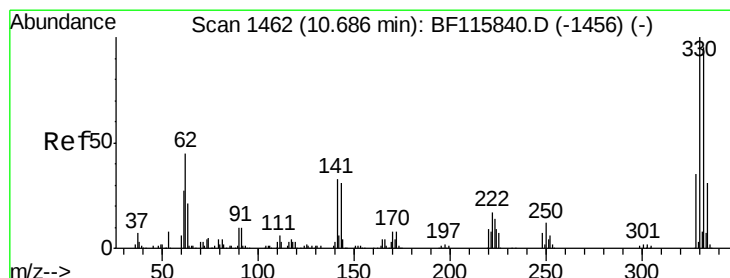
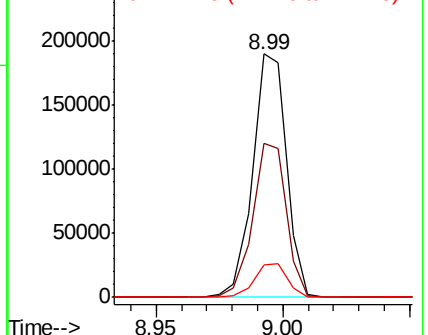
237 100

235 63.4 42.5 82.5

272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.682 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

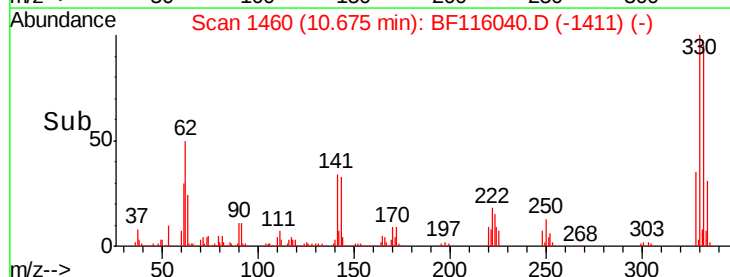
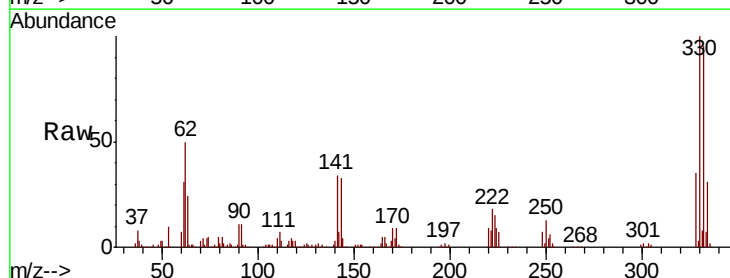
Tgt Ion:330 Resp: 322364

Ion Ratio Lower Upper

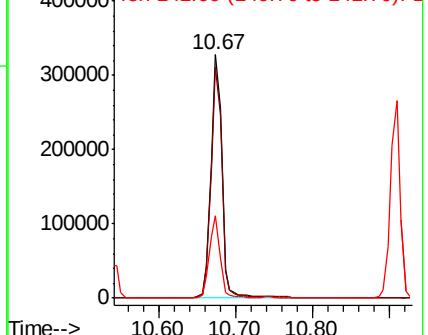
330 100

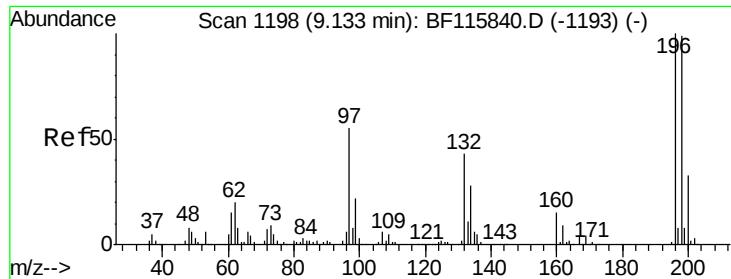
332 96.0 77.7 116.5

141 32.9 28.1 42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

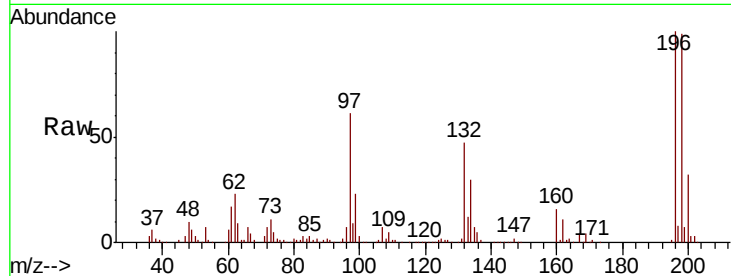




#43
 2,4,6-Trichlorophenol
 Concen: 39.993 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.1	118.7
200	31.5	26.0	39.0

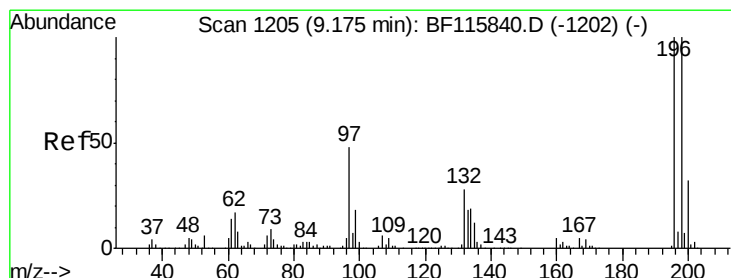
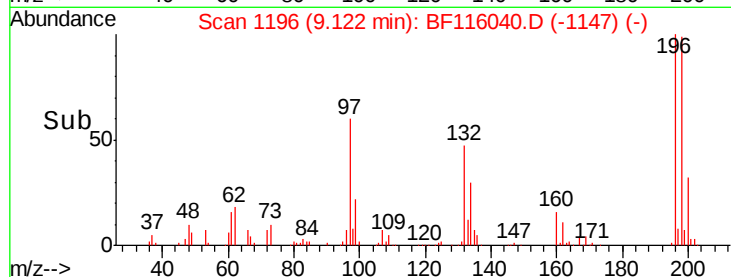
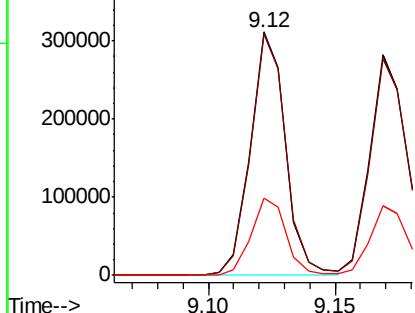


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.008 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	80.1	120.1
97	52.8	38.9	58.3
132	30.0	22.6	33.8

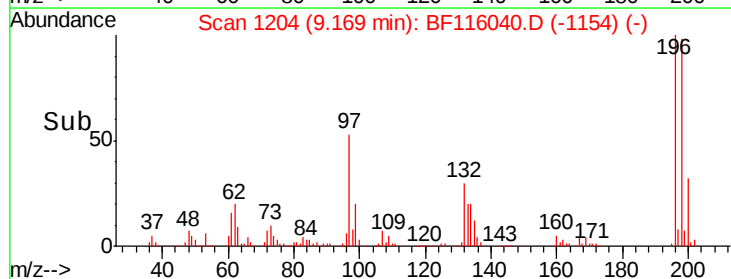
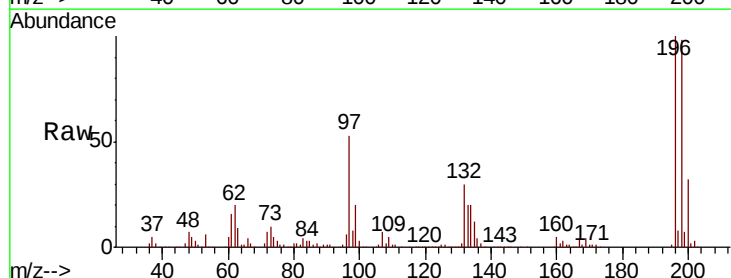
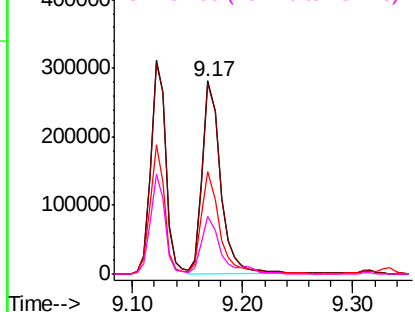
Abundance

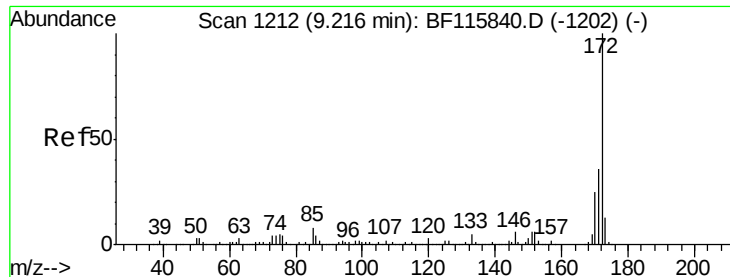
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

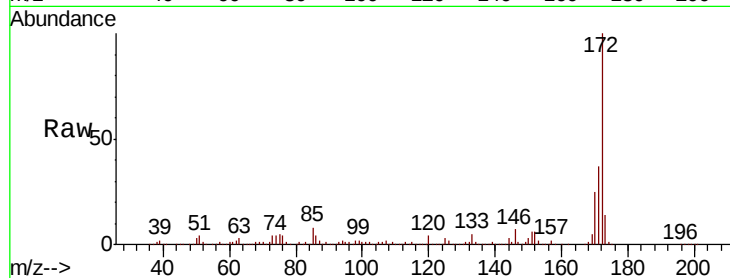




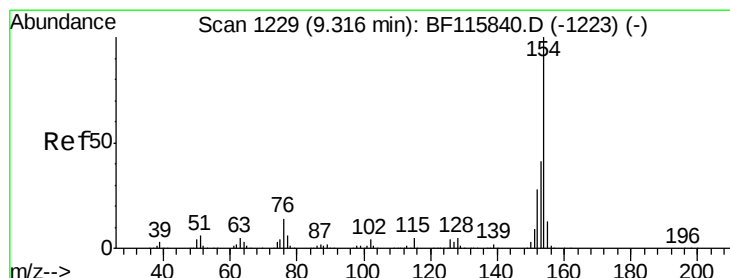
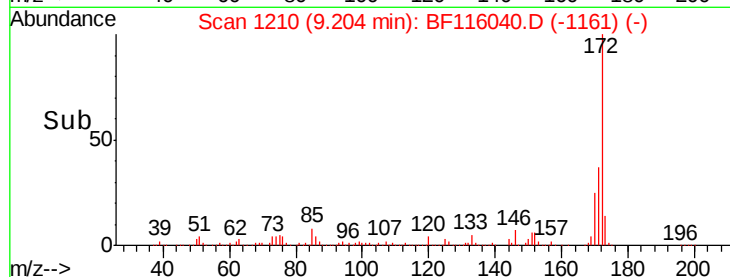
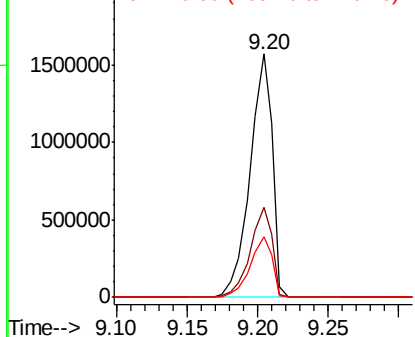
#45
2-Fluorobiphenyl
Concen: 80.359 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1746391
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 25.1 20.1 30.1

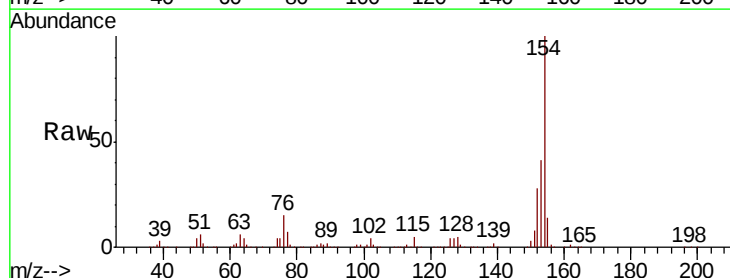


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

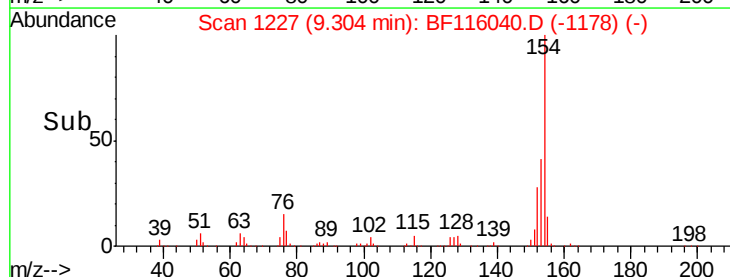
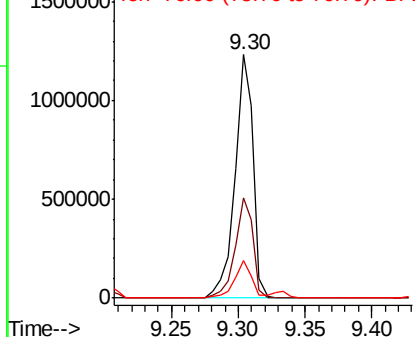


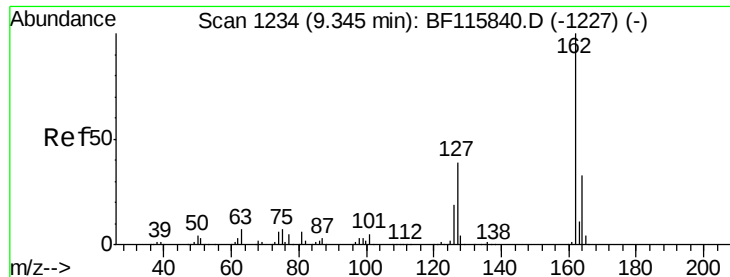
#46
1,1'-Biphenyl
Concen: 40.896 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:154 Resp: 1175294
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 15.2 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

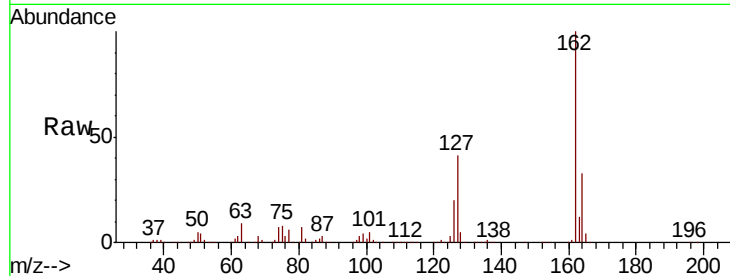




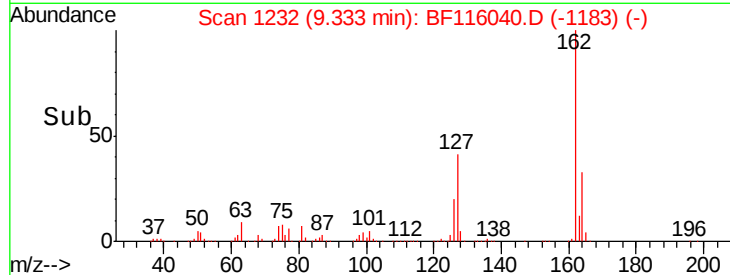
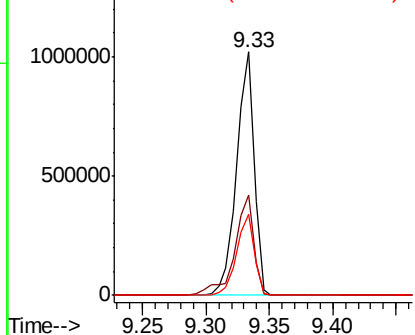
#47
 2-Chloronaphthalene
 Concen: 40.673 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.3	46.9
164	33.2	26.6	40.0

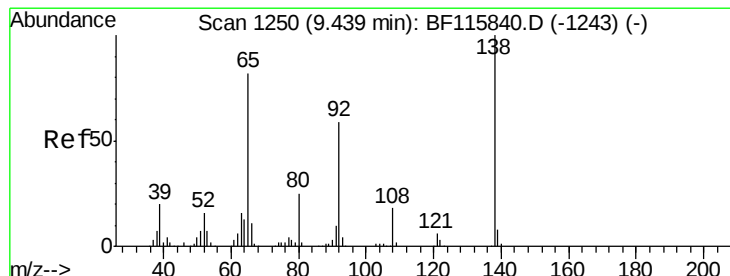


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

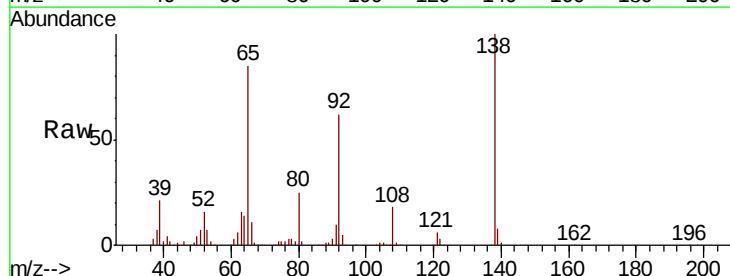
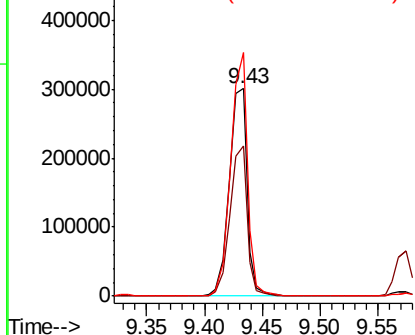


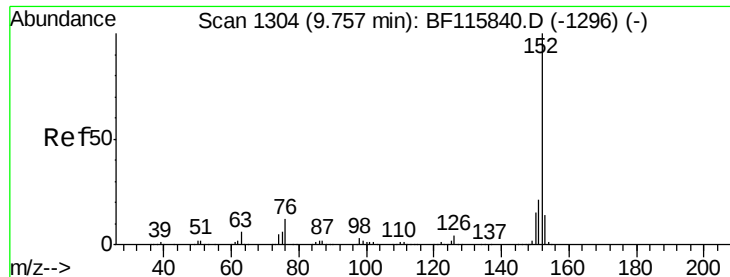
#48
 2-Nitroaniline
 Concen: 40.966 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.1	85.7
138	117.5	97.1	145.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.870 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

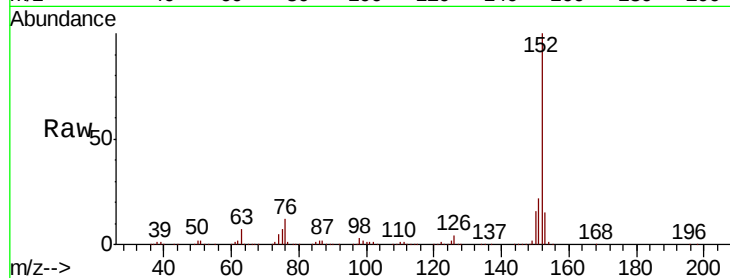
Tot Ion:152 Resp: 1426167

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

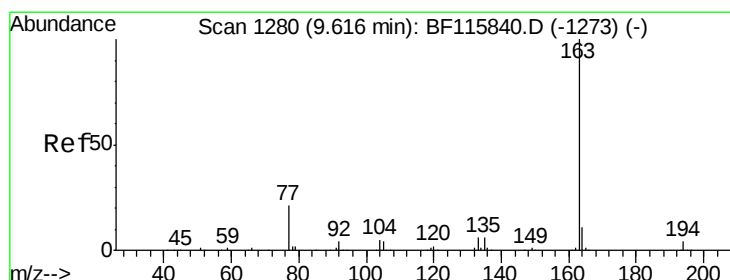
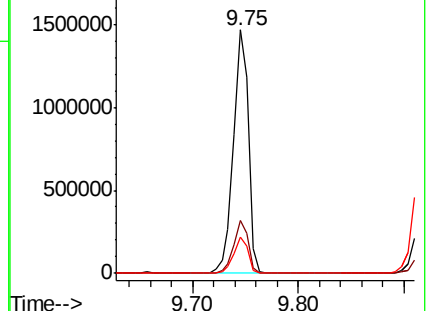
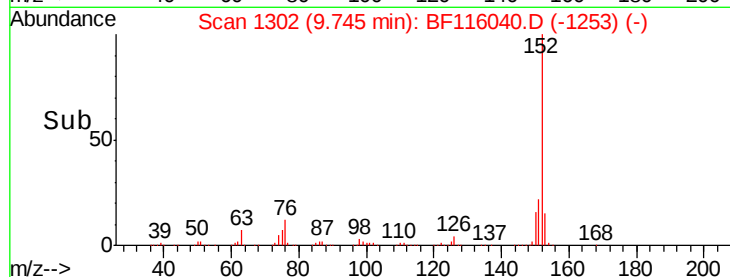
153 14.8 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.608 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

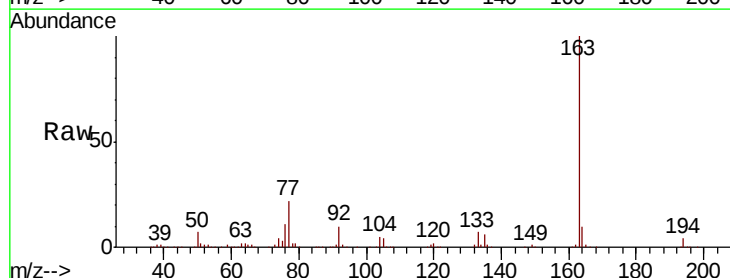
Tgt Ion:163 Resp: 1180952

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

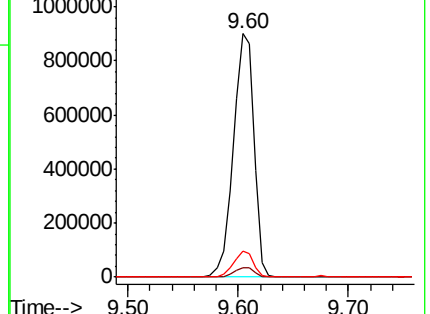
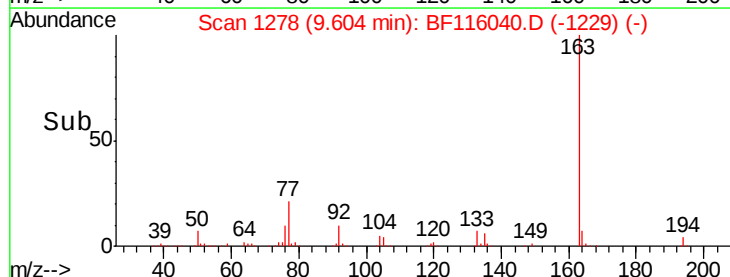
164 10.5 8.4 12.6

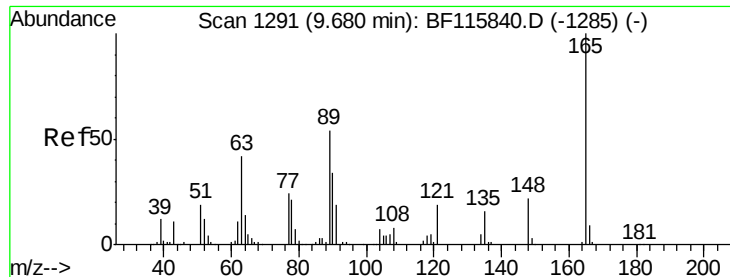


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.784 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

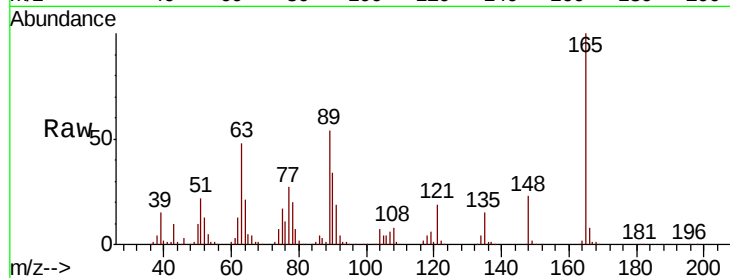
Tot Ion:165 Resp: 257699

Ion Ratio Lower Upper

165 100

63 47.7 39.4 59.2

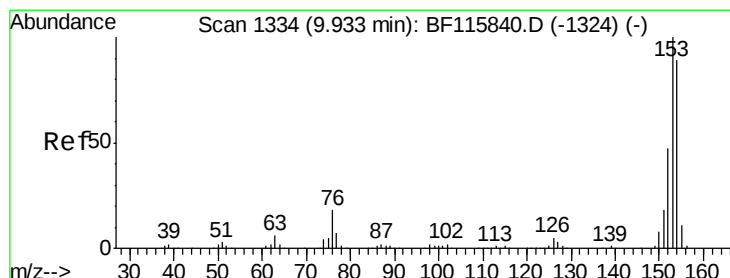
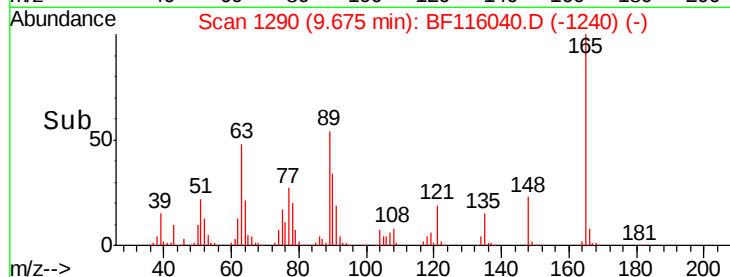
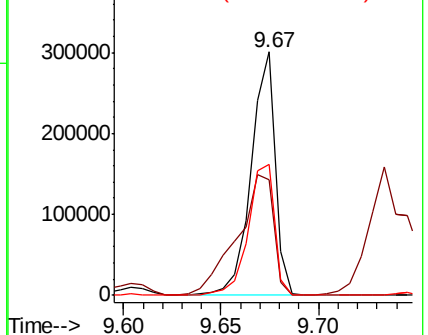
89 53.6 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.192 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

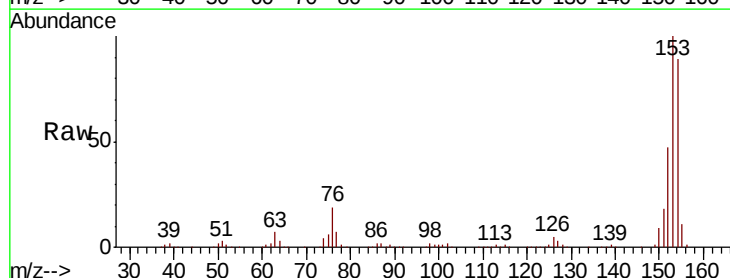
Tgt Ion:154 Resp: 860417

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

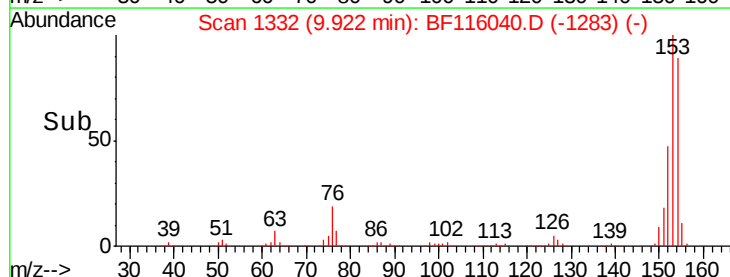
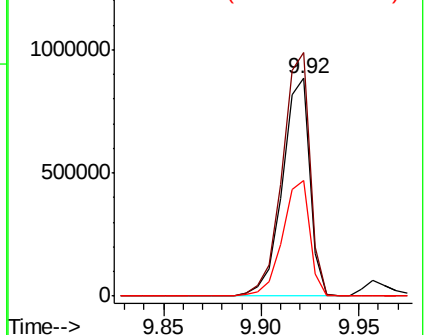
152 52.9 42.6 63.8

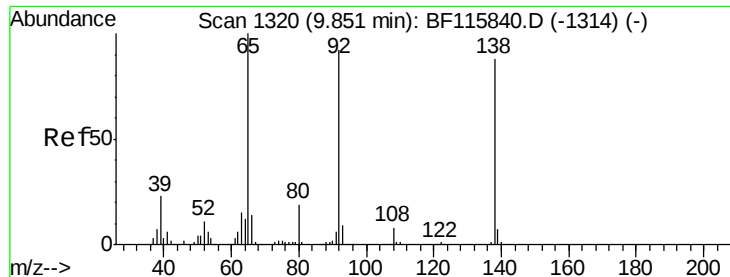


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

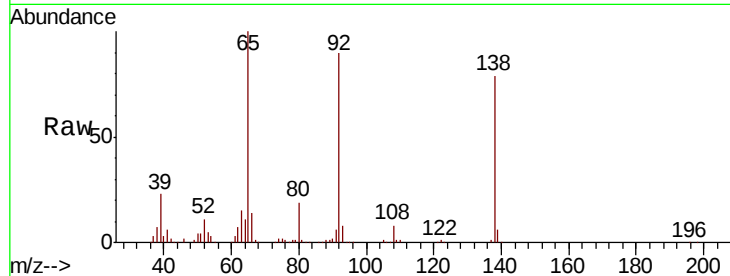




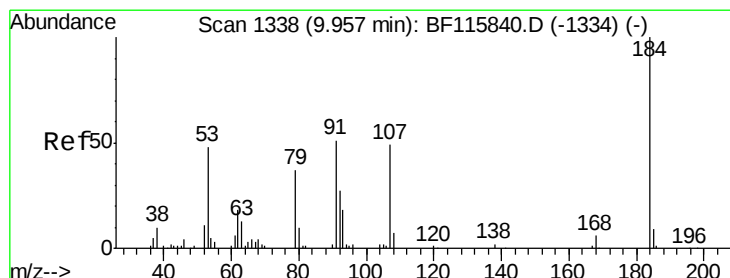
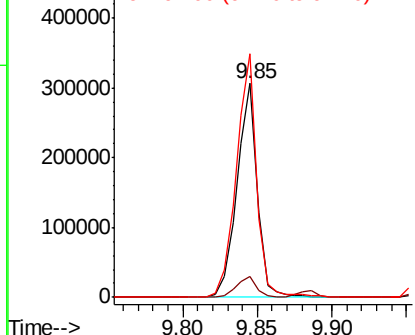
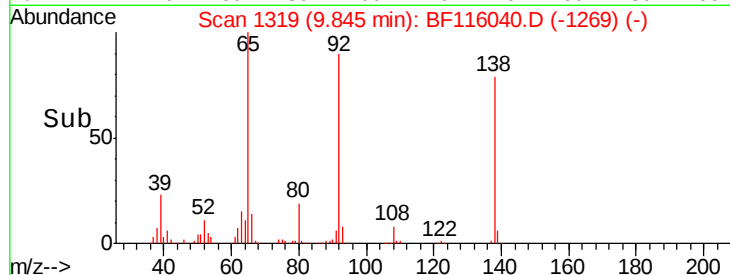
#53
 3-Nitroaniline
 Concen: 39.313 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 292584
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.4 11.2
 92 113.8 83.9 125.9

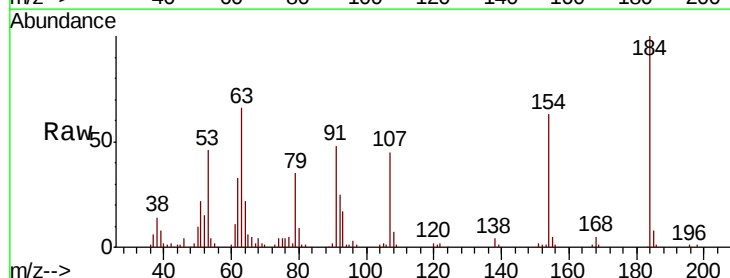


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

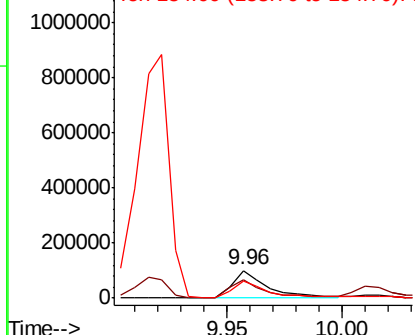
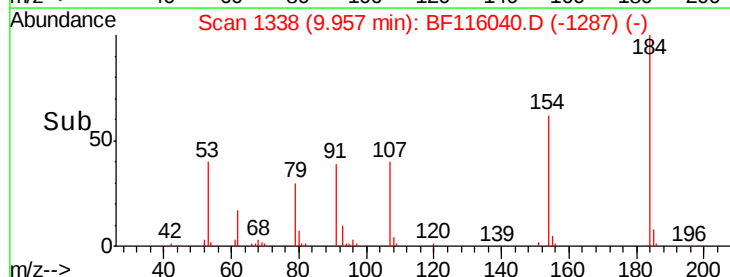


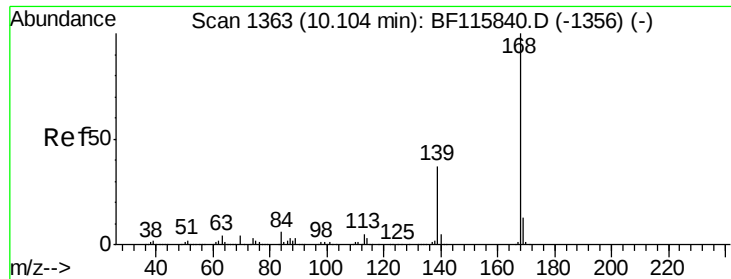
#54
 2,4-Dinitrophenol
 Concen: 38.516 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:184 Resp: 104242
 Ion Ratio Lower Upper
 184 100
 63 66.2 56.7 85.1
 154 62.6 51.9 77.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

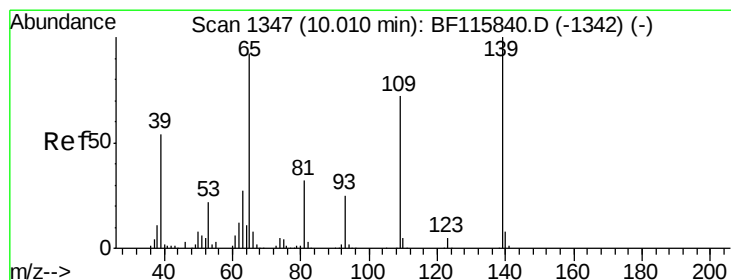
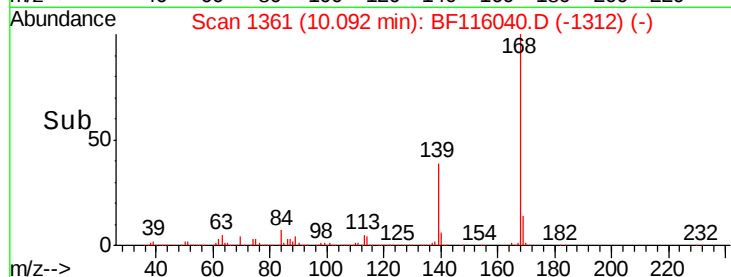
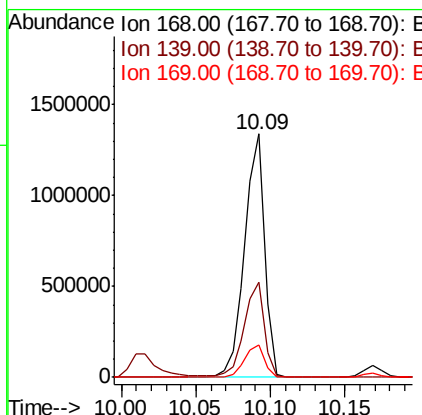
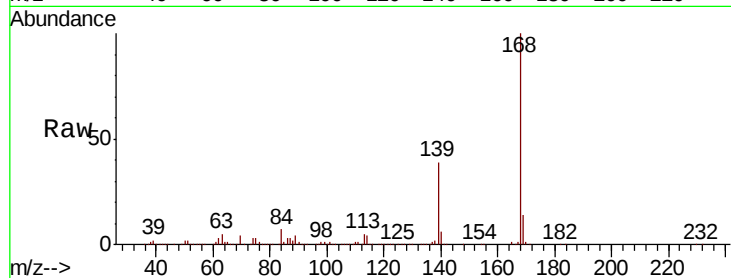




#55
Dibenzenofuran
Concen: 40.040 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

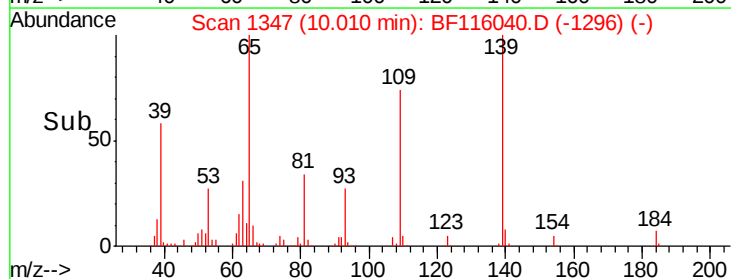
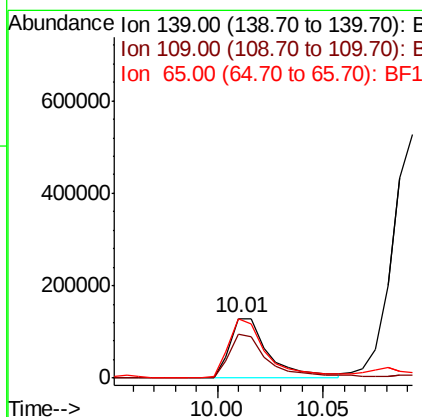
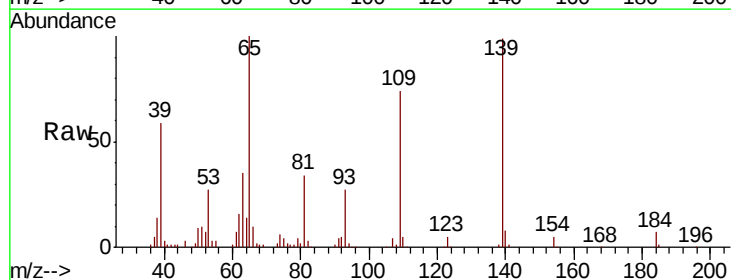
Instrument :
BNA_F
ClientSampleId :

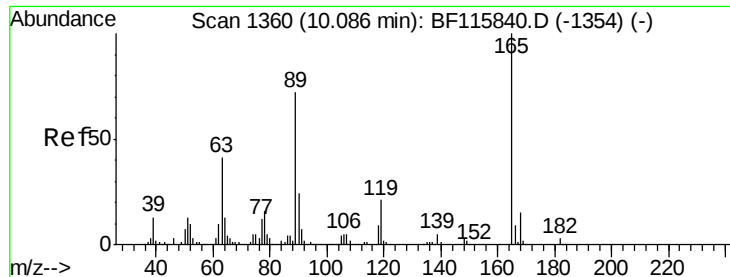
Tot Ion:168 Resp: 1246554
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.2
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 34.974 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:139 Resp: 166745
Ion Ratio Lower Upper
139 100
109 74.4 52.0 92.0
65 100.6 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 39.933 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 320245

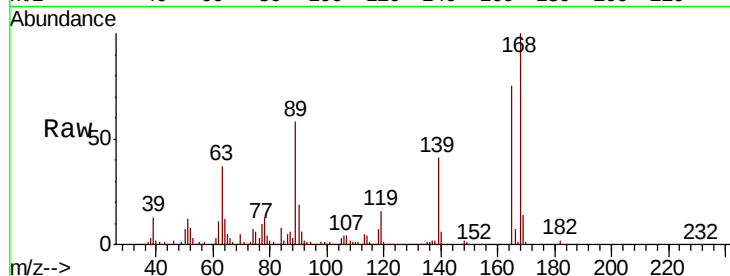
Ion Ratio Lower Upper

165 100

63 49.5 33.2 49.8

89 77.7 57.3 85.9

182 2.6 2.1 3.1

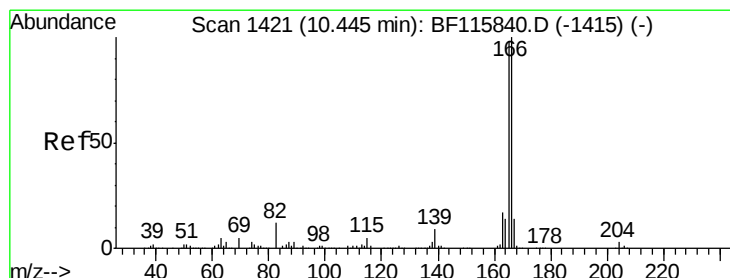
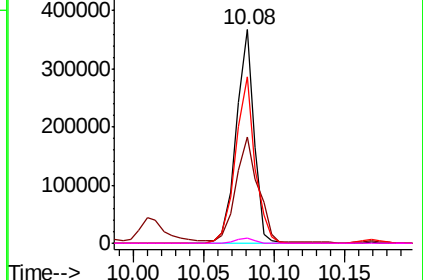
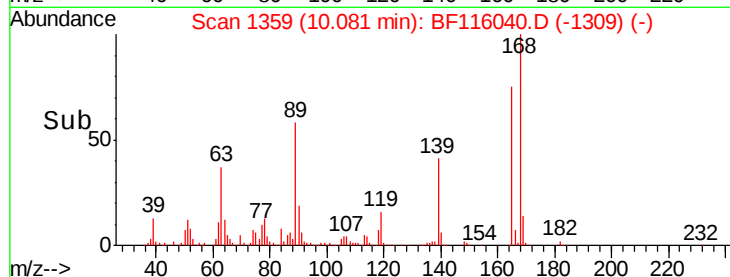


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.959 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

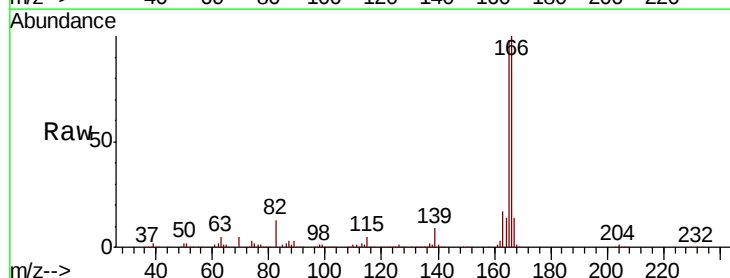
Tgt Ion:166 Resp: 981070

Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

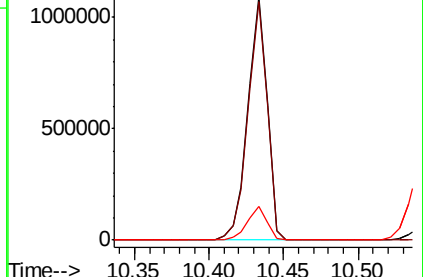
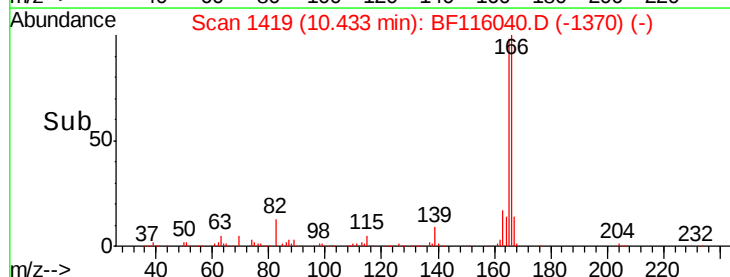
167 13.7 10.9 16.3

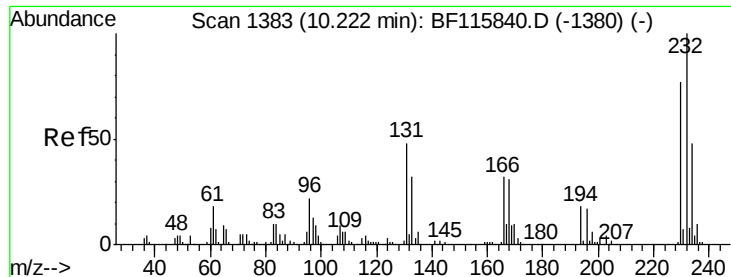


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

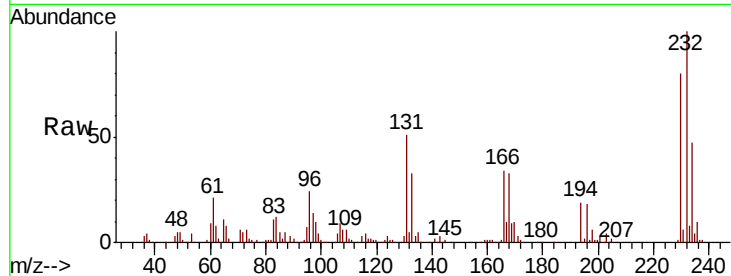




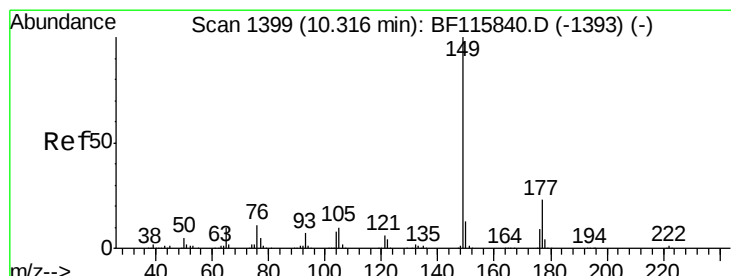
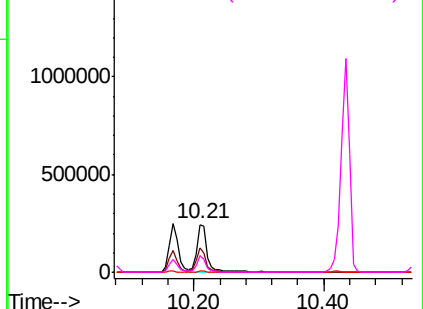
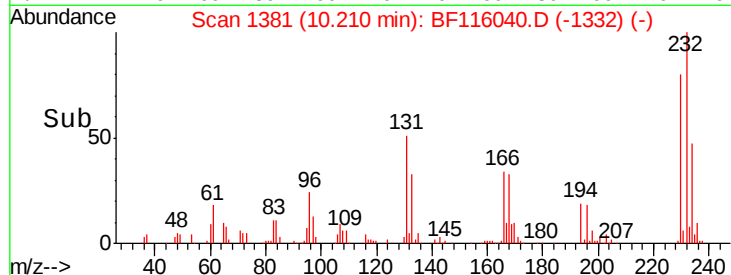
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.465 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 270114
 Ion Ratio Lower Upper
 232 100
 131 45.2 37.6 56.4
 130 2.4 1.8 2.8
 166 28.7 24.6 37.0

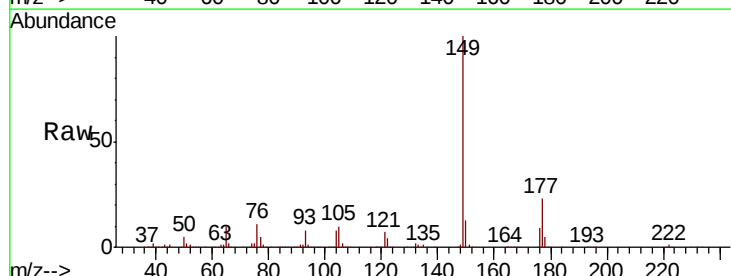


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

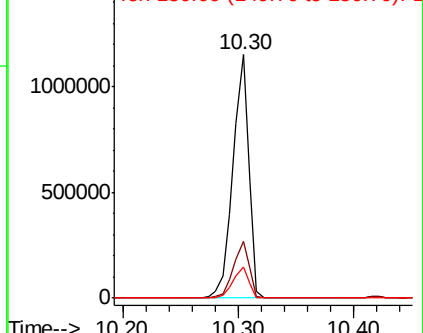
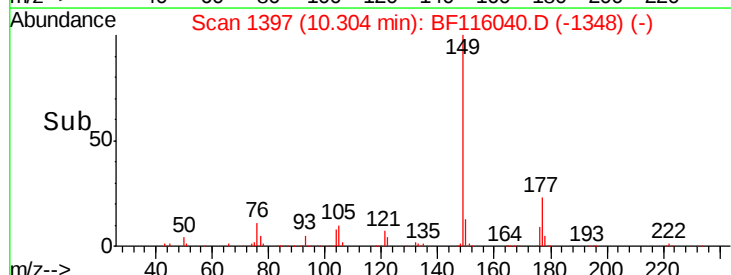


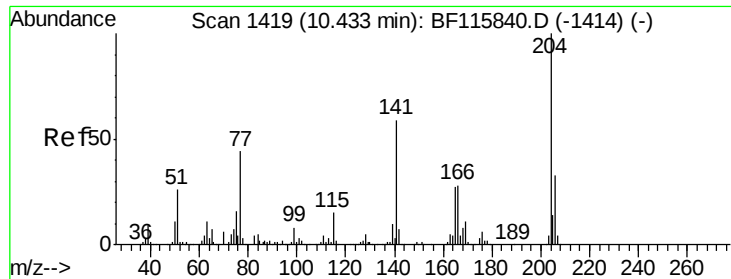
#60
 Diethylphthalate
 Concen: 42.515 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 1100140
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.4 27.6
 150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

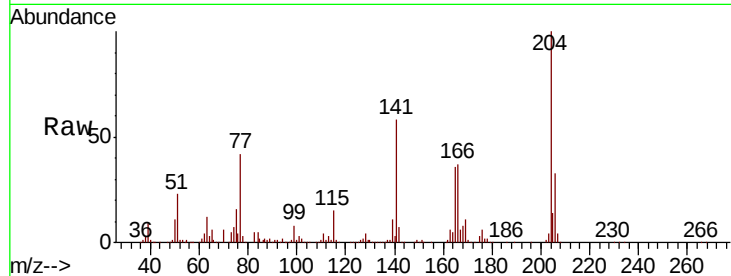




#61
 4-Chlorophenyl-phenylether
 Concen: 41.209 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.0	47.0	70.4

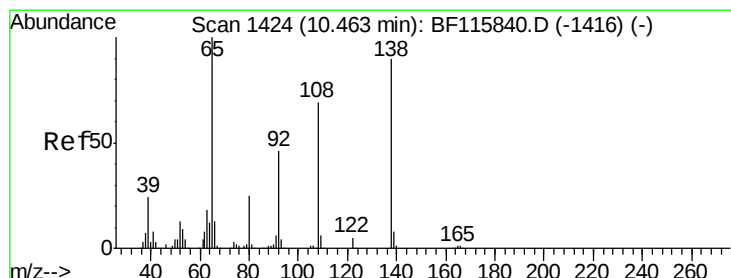
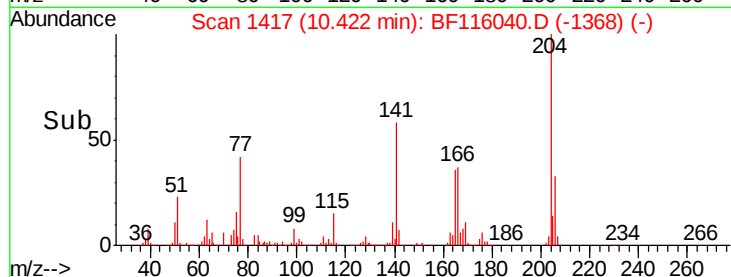
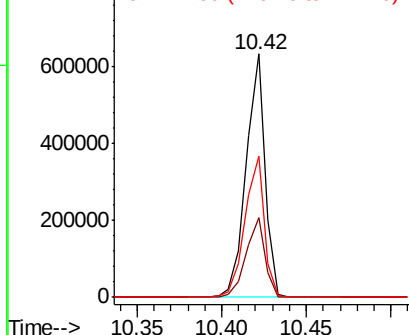


Abundance

Ion 204.00 (203.70 to 204.70): E

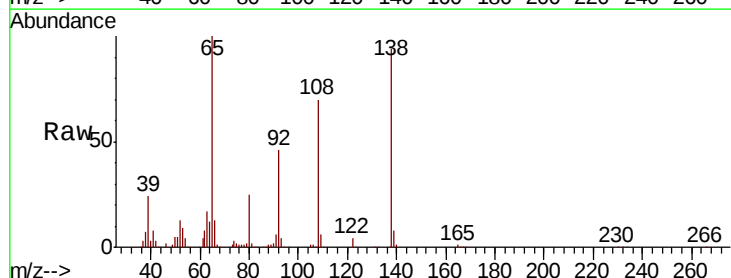
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.744 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.0	71.0
108	74.7	56.7	96.7

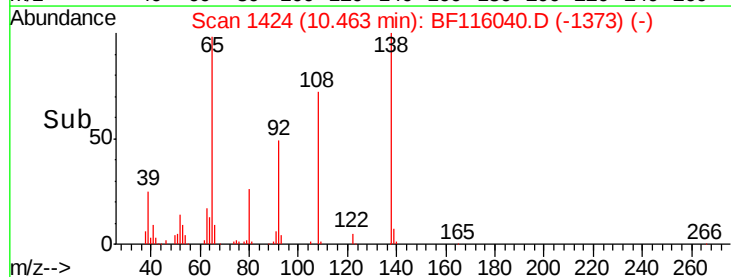
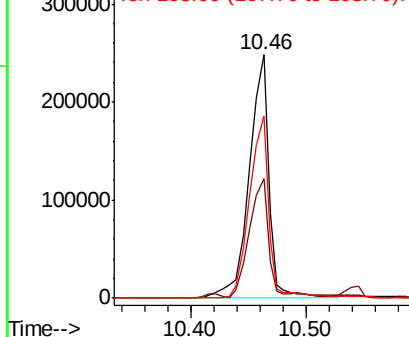


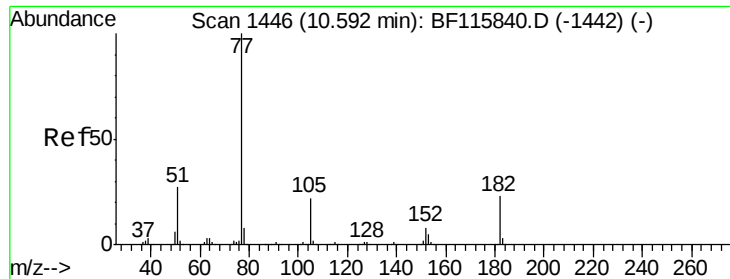
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.563 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1132844

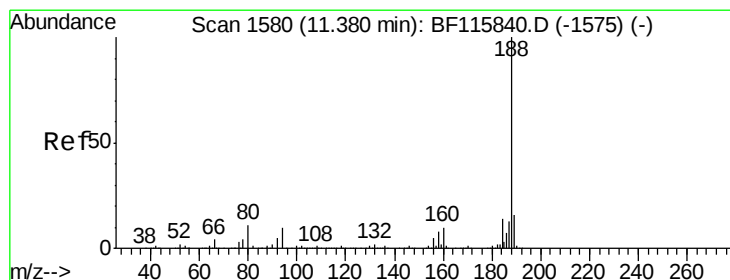
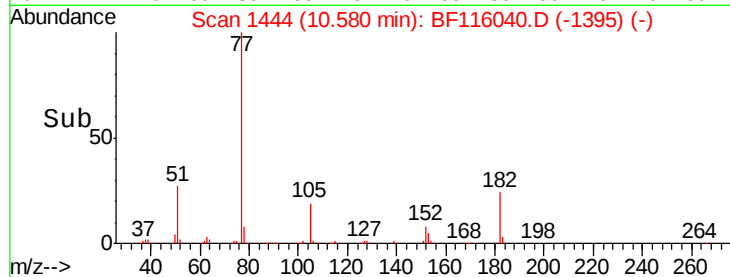
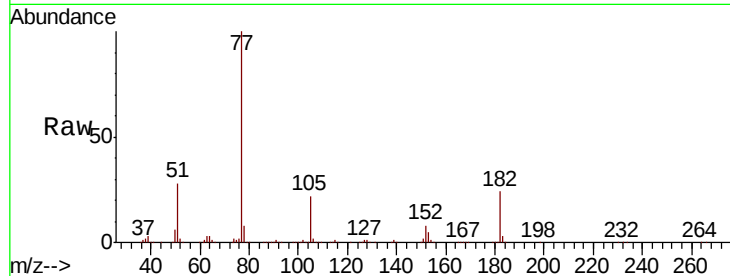
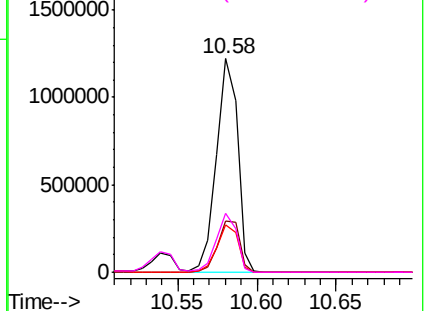
Ion	Ratio	Lower	Upper
77	100		
182	24.0	2.6	42.6
105	22.0	1.6	41.6
51	27.5	7.4	47.4

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

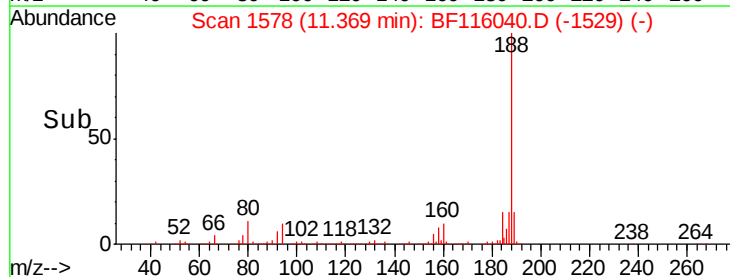
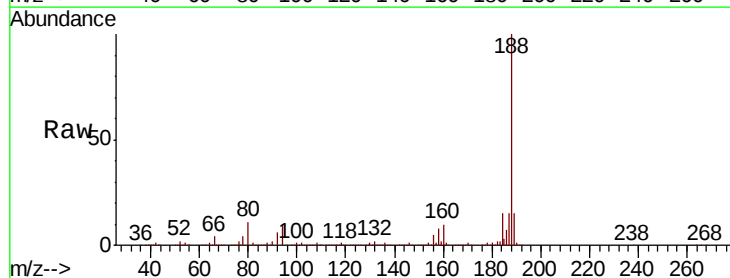
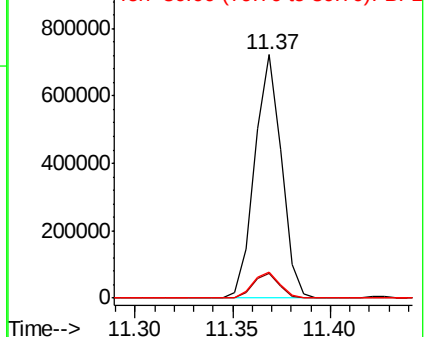
Tgt Ion: 188 Resp: 688794

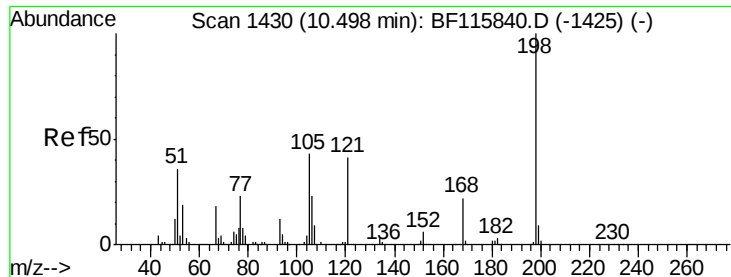
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	10.9	8.6	12.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.595 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampled :

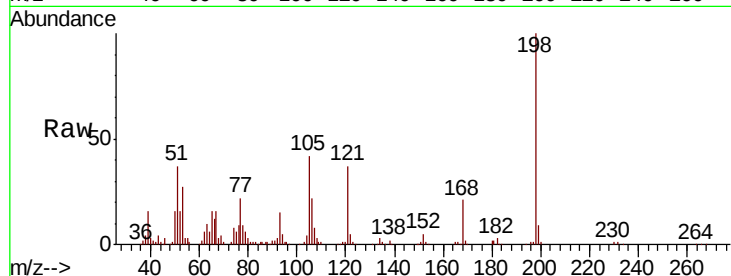
Tot Ion:198 Resp: 162779

Ion Ratio Lower Upper

198 100

51 37.0 21.1 61.1

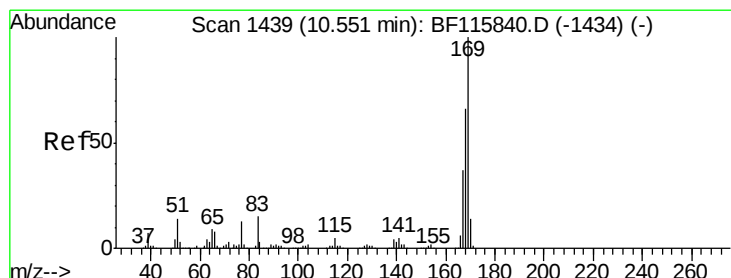
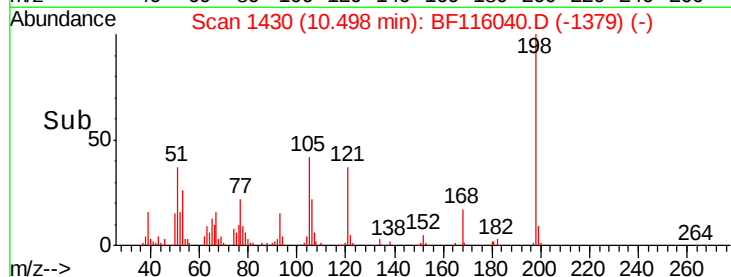
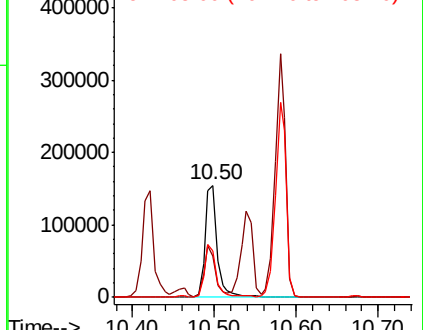
105 41.6 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.701 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

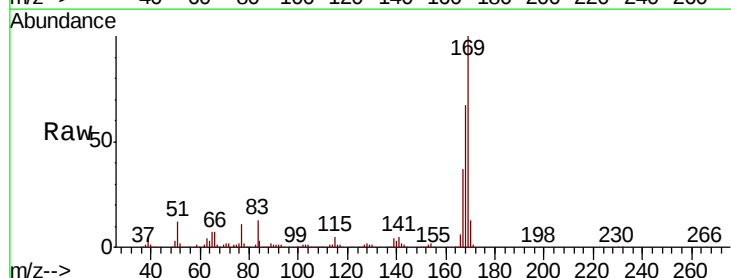
Tgt Ion:169 Resp: 885271

Ion Ratio Lower Upper

169 100

168 67.2 53.0 79.6

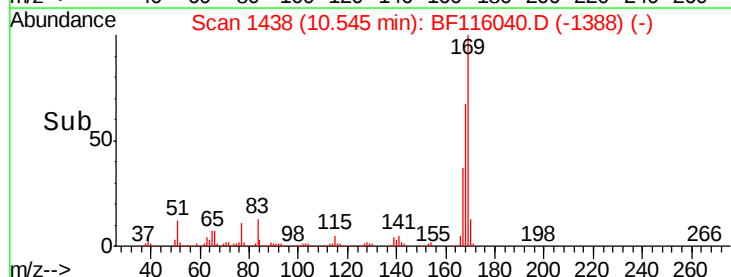
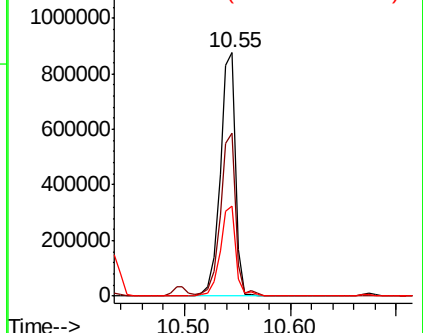
167 37.0 29.9 44.9

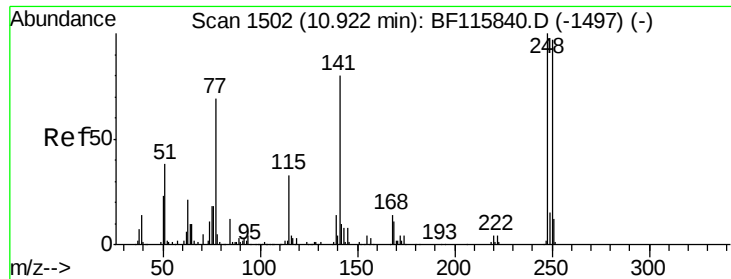


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

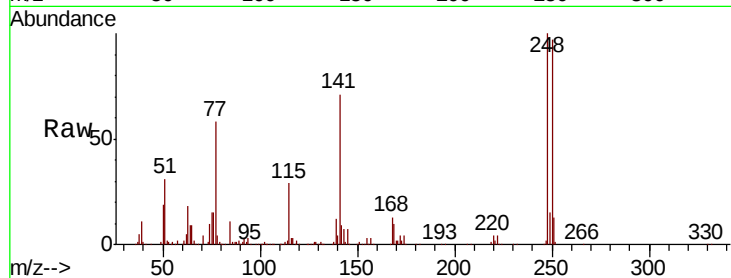




#67
4-Bromophenyl-phenylether
Concen: 43.874 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.6
141	71.0	64.3	96.5

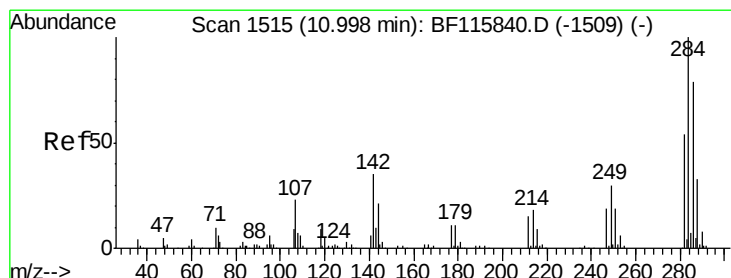
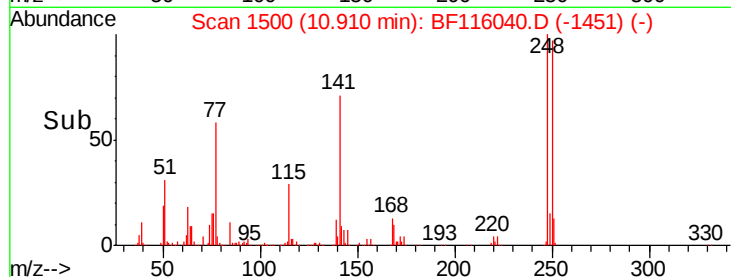
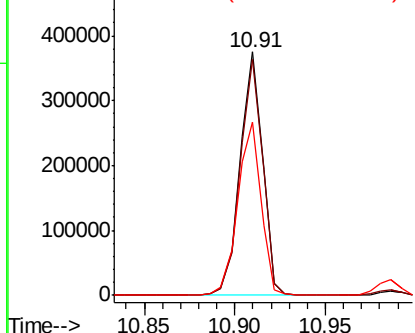


Abundance

Ion 248.00 (247.70 to 248.70): E

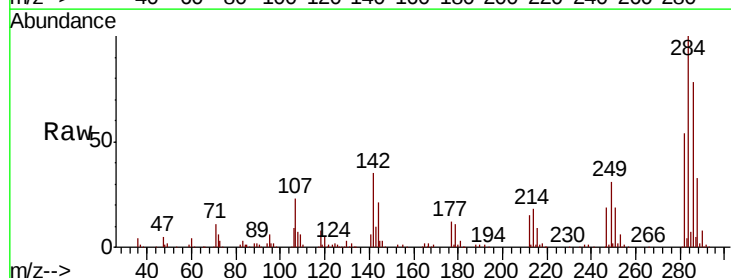
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.941 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.2	42.2
249	30.6	24.0	36.0

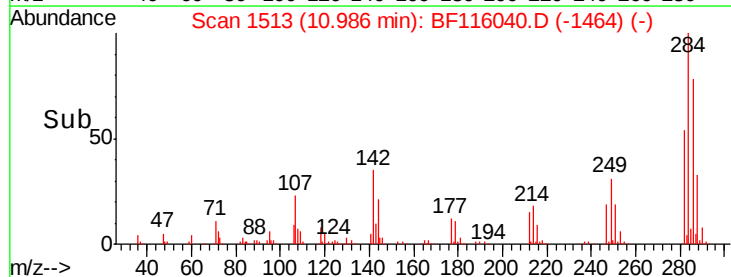
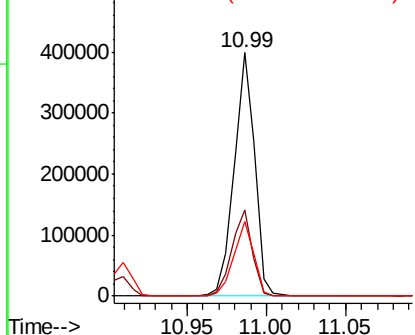


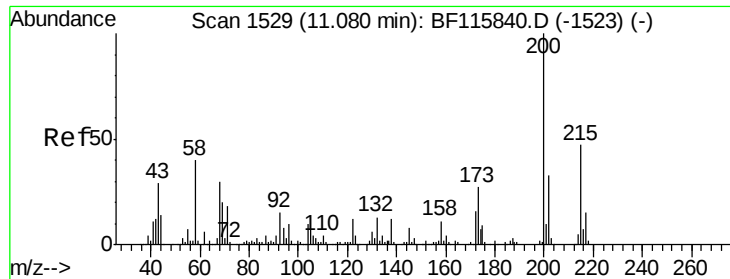
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.833 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

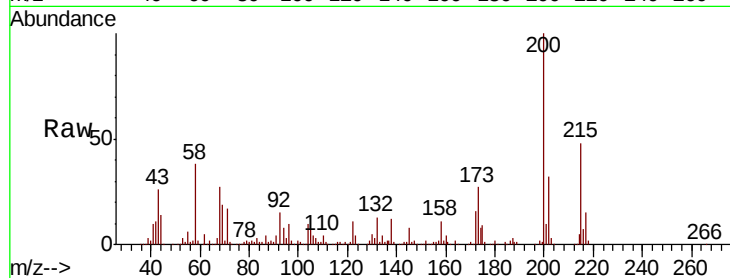
Tot Ion:200 Resp: 230757

Ion Ratio Lower Upper

200 100

173 26.8 7.3 47.3

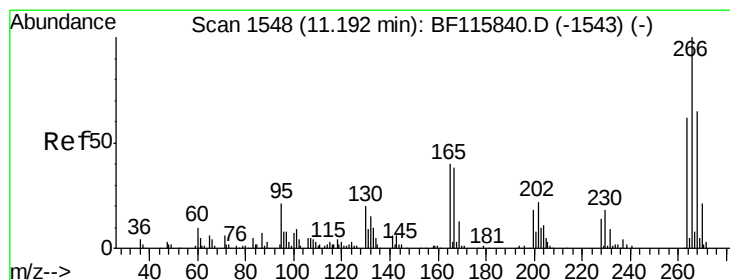
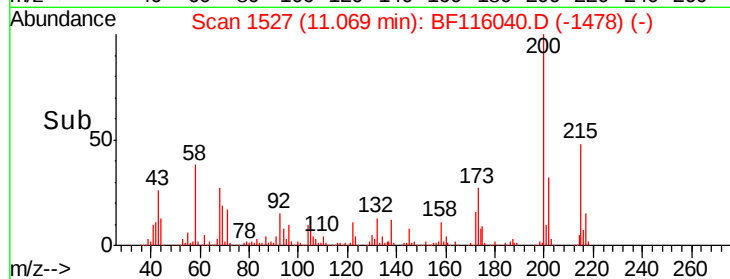
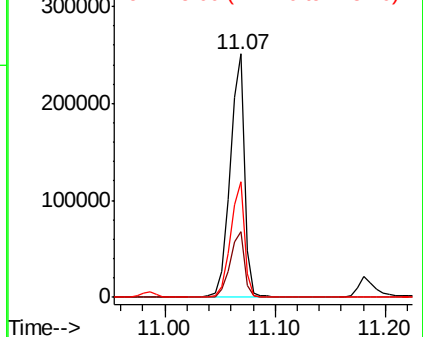
215 47.5 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.066 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

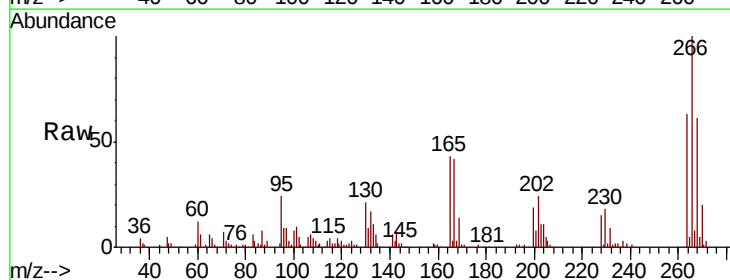
Tgt Ion:266 Resp: 145154

Ion Ratio Lower Upper

266 100

268 61.0 51.6 77.4

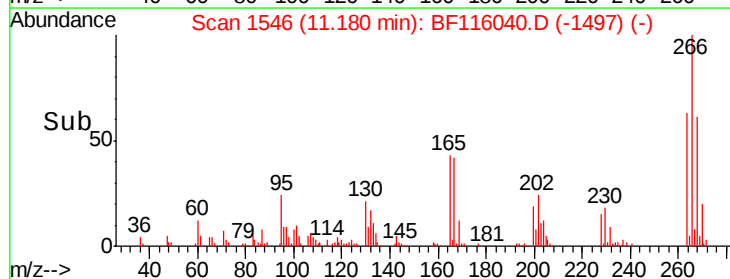
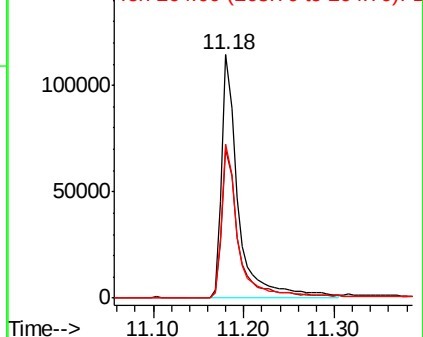
264 63.3 49.4 74.0

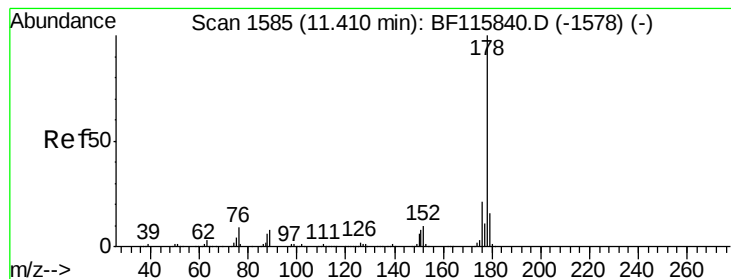


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.432 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

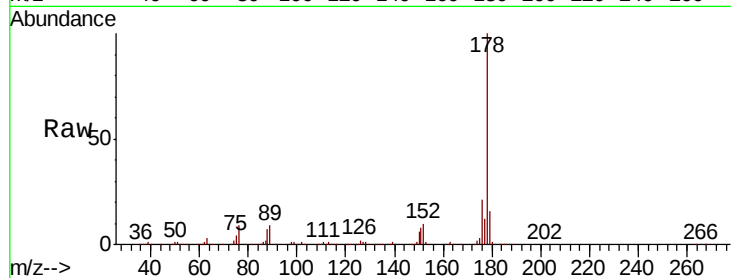
Tot Ion:178 Resp: 1423701

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

1500000 Ion 179.00 (178.70 to 179.70): E

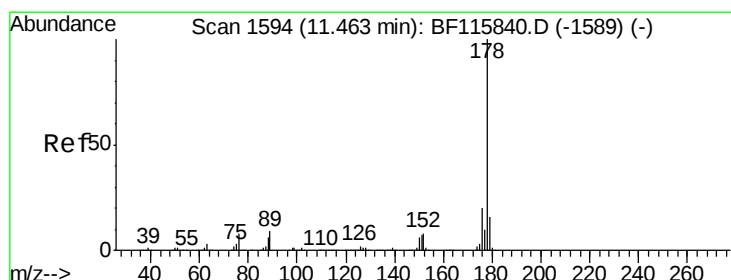
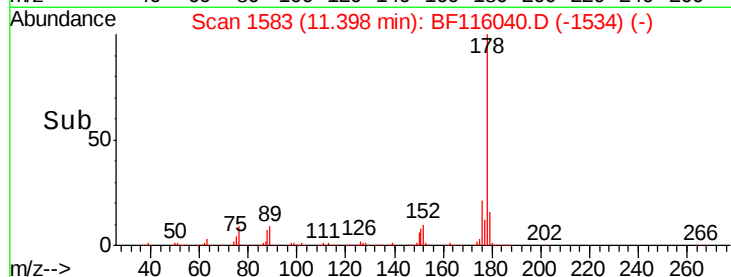
1000000

500000

0

11.35 11.40

Time-->



#72

Anthracene

Concen: 41.168 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

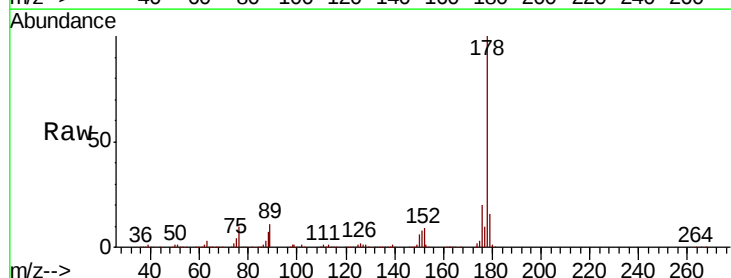
Tgt Ion:178 Resp: 1467099

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

1500000 Ion 179.00 (178.70 to 179.70): E

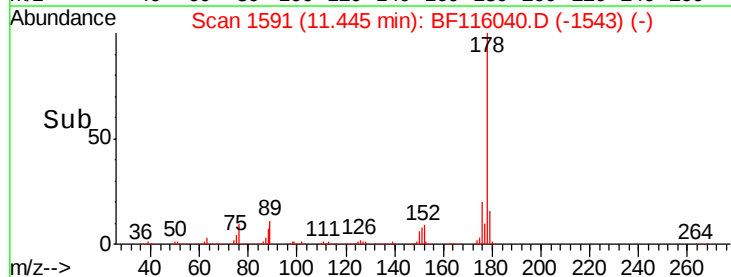
1000000

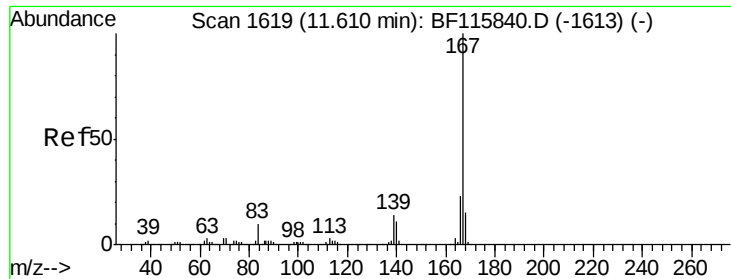
500000

0

11.40 11.45

Time-->

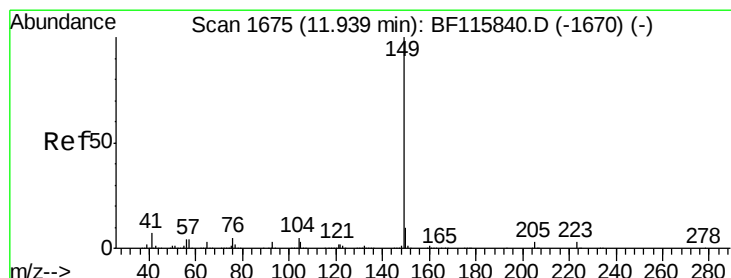
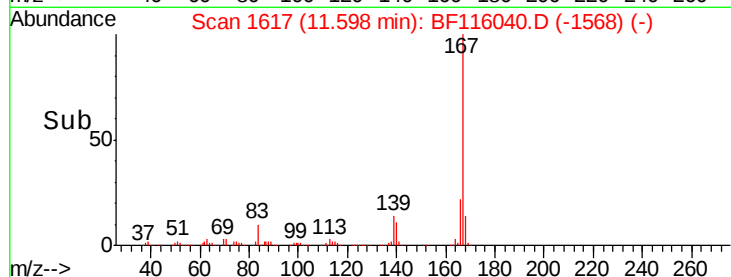
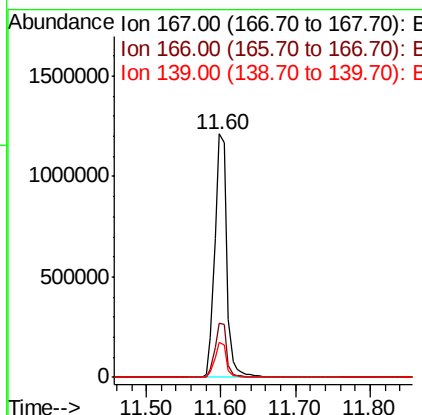
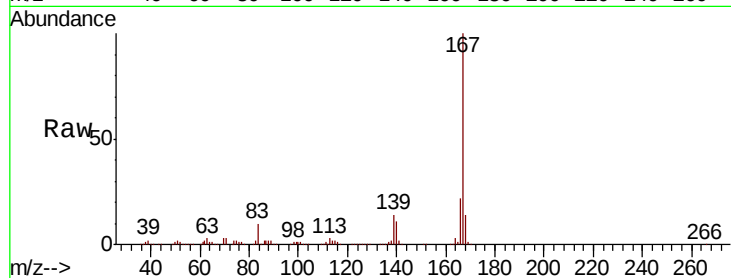




#73
 Carbazole
 Concen: 41.467 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

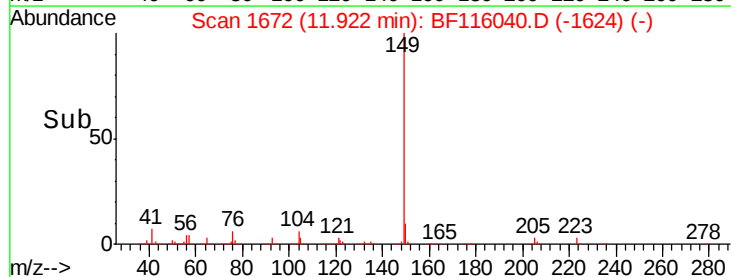
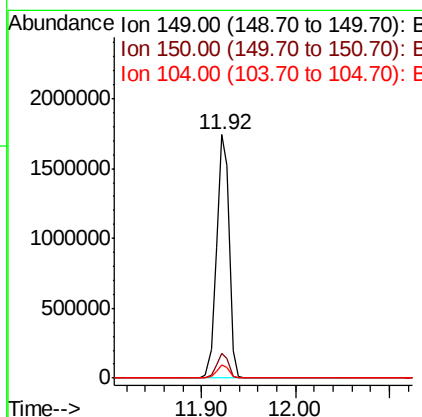
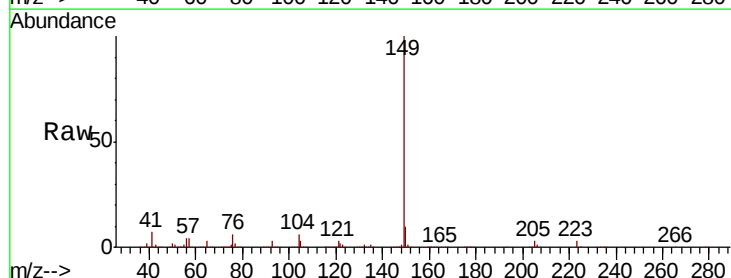
Instrument :
 BNA_F
 ClientSampleId :

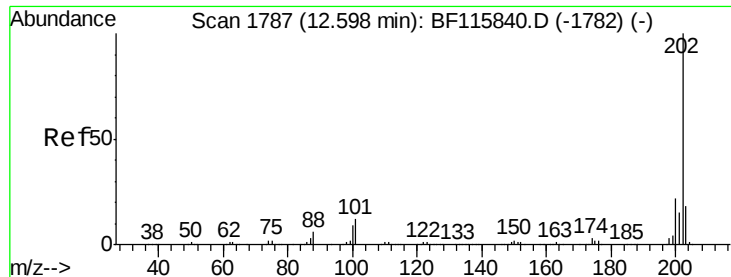
Tot Ion:167 Resp: 1340694
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 14.2 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 43.678 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 1647350
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.6 4.3 6.5

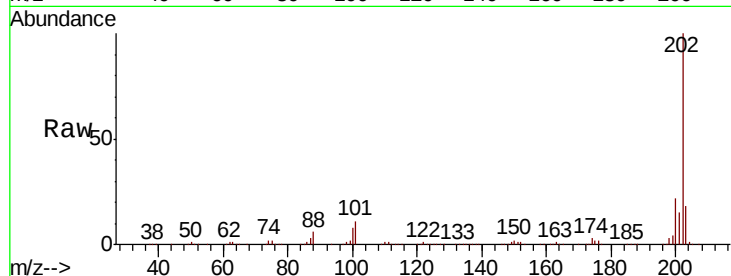




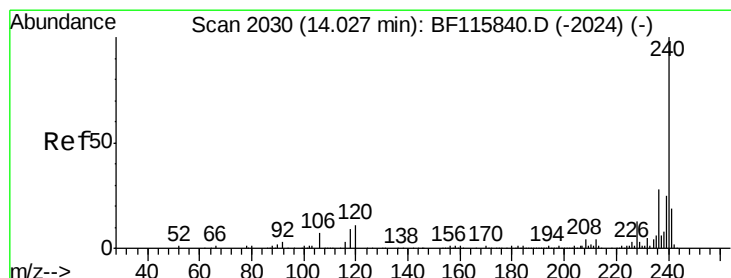
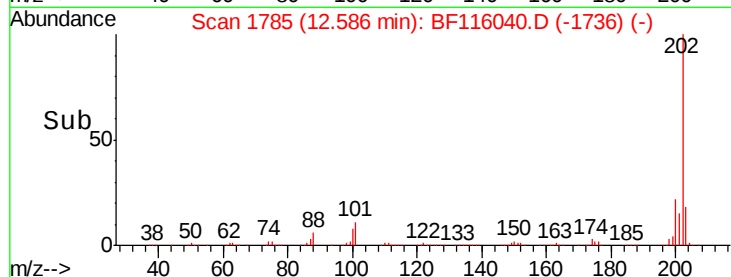
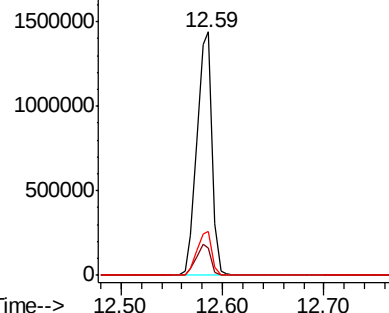
#75
 Fluoranthene
 Concen: 40.410 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1489669
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.5
 203 17.8 0.0 37.9

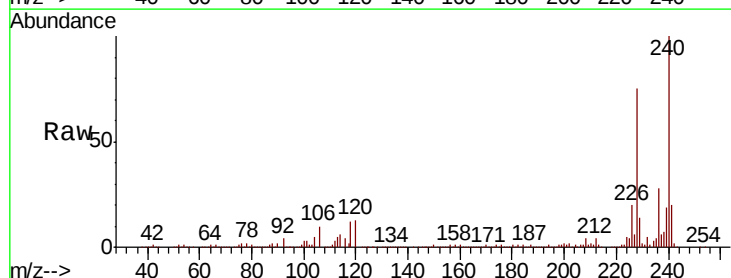


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

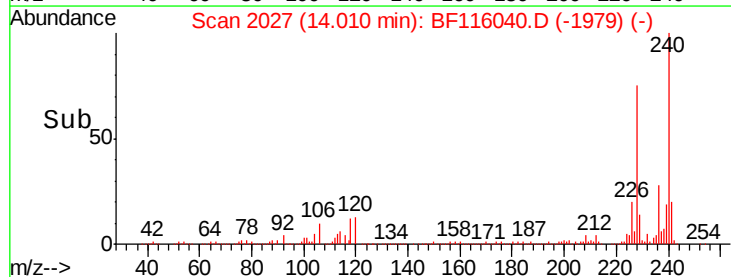
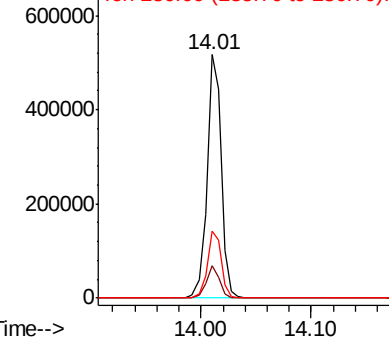


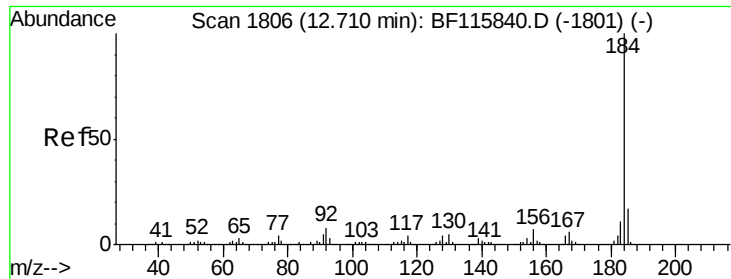
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:240 Resp: 461164
 Ion Ratio Lower Upper
 240 100
 120 13.4 8.5 12.7#
 236 27.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.586 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

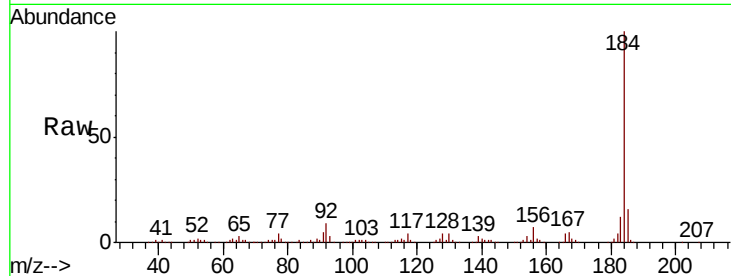
Tot Ion:184 Resp: 694657

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

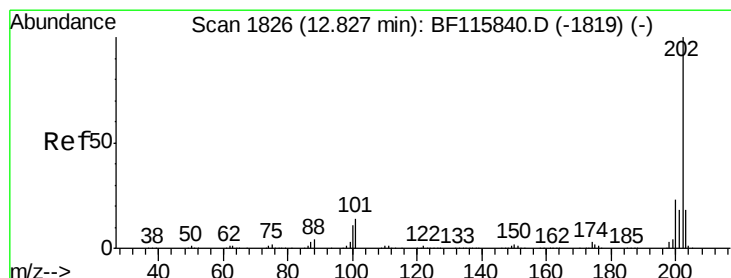
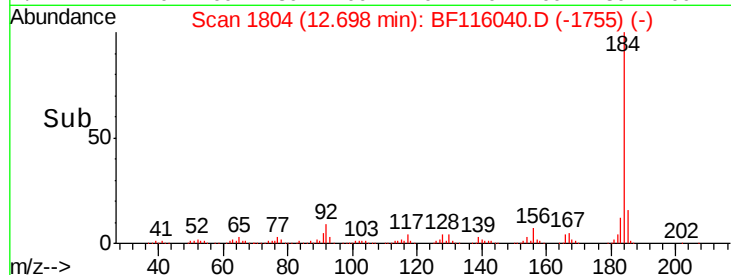
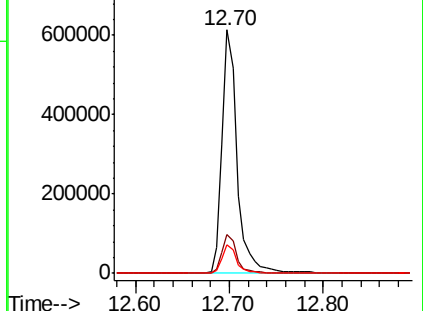
183 11.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.750 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

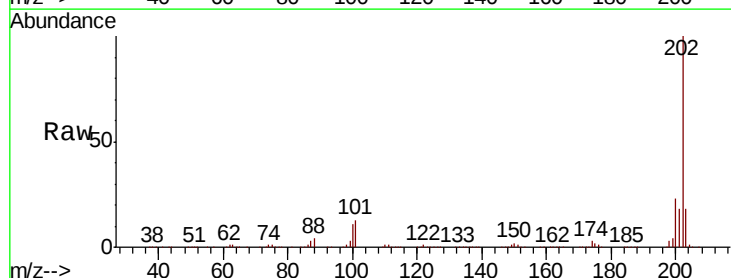
Tgt Ion:202 Resp: 1486134

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

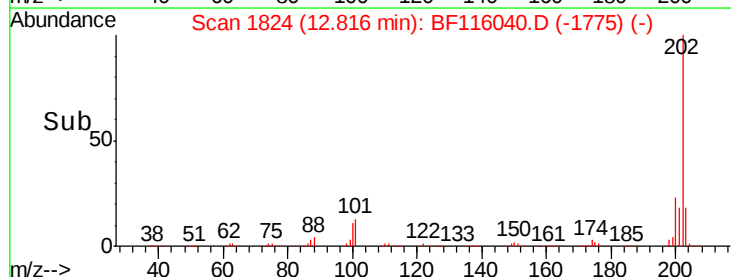
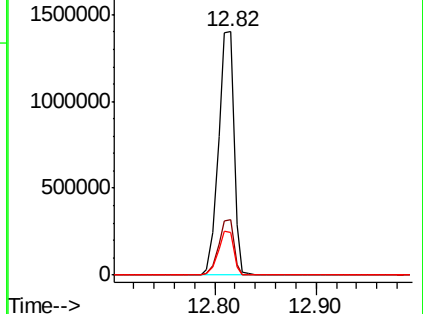
203 17.6 14.3 21.5

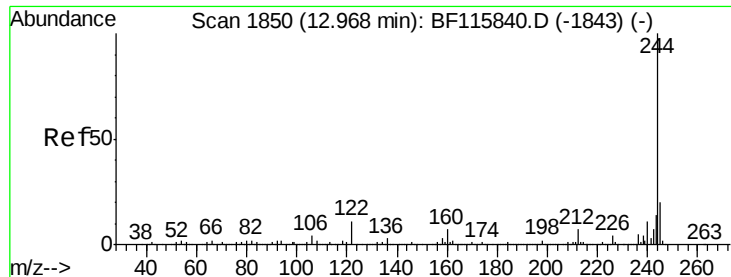


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.240 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

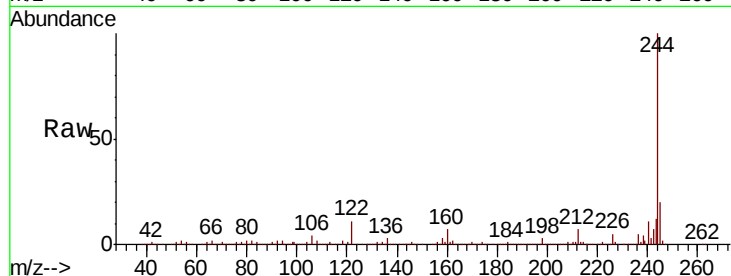
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1887411

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.2	8.6	13.0

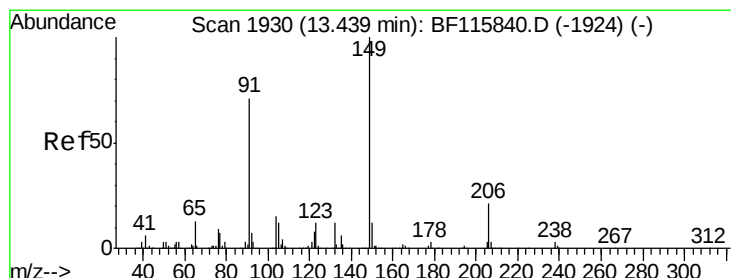
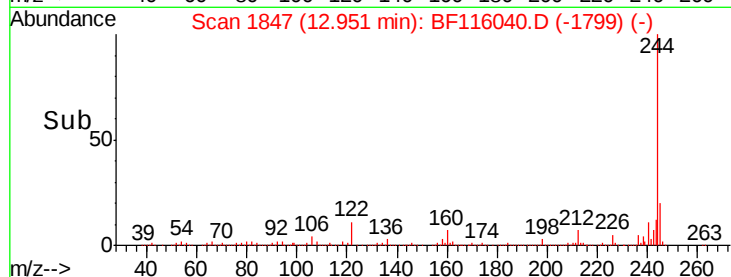
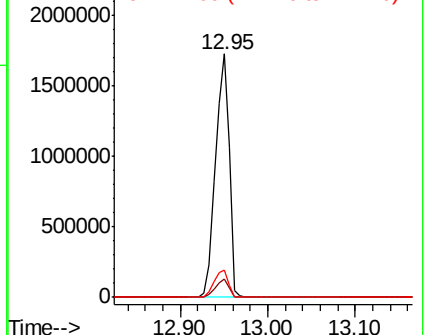


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.321 ng

RT: 13.42 min Scan# 1927

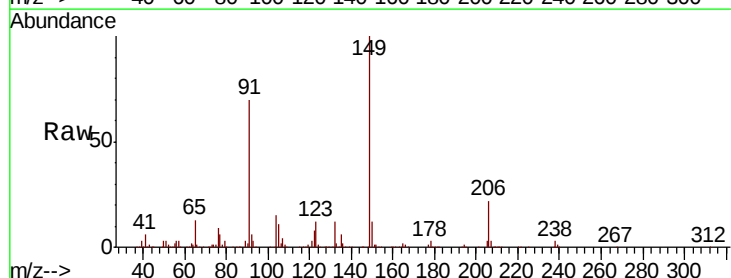
Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 681146

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.0	85.6
206	22.5	16.9	25.3

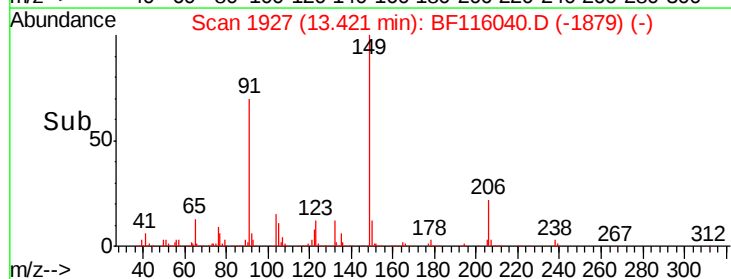
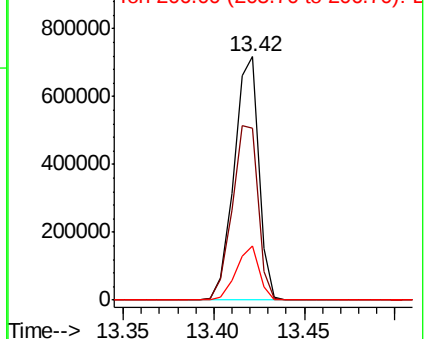


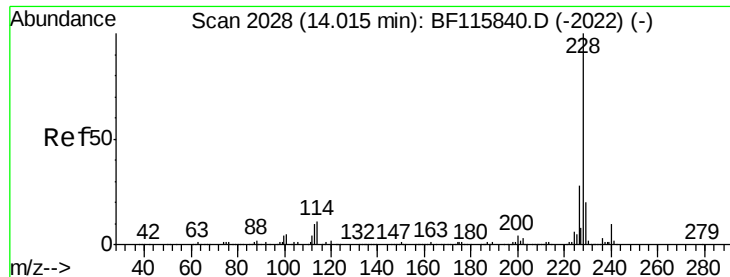
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.200 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

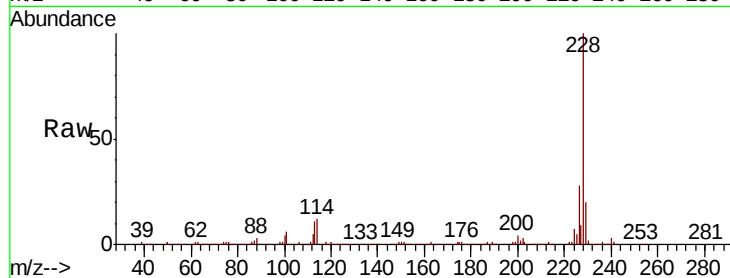
Tot Ion:228 Resp: 1273349

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

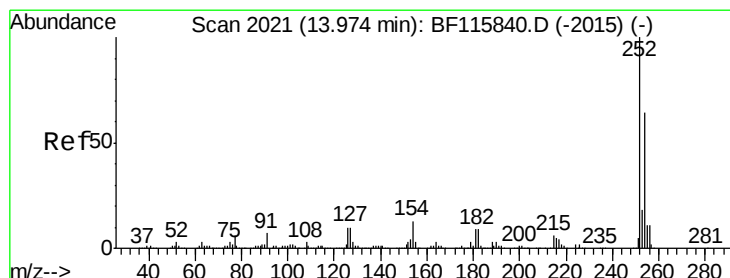
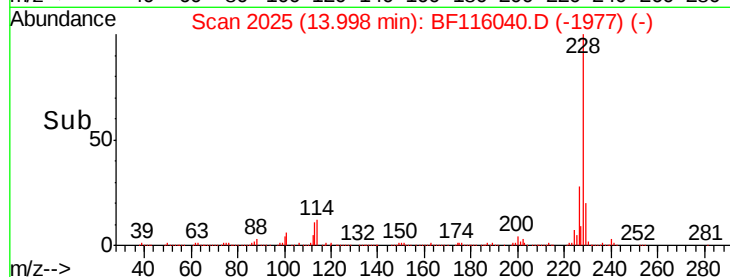
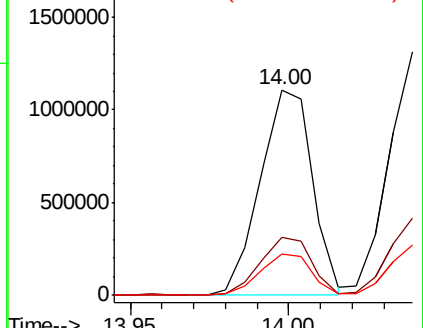
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.899 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

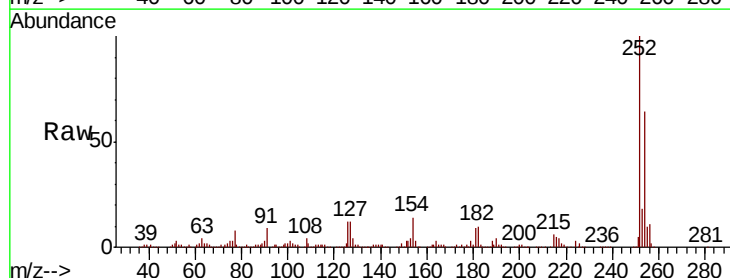
Tgt Ion:252 Resp: 449549

Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

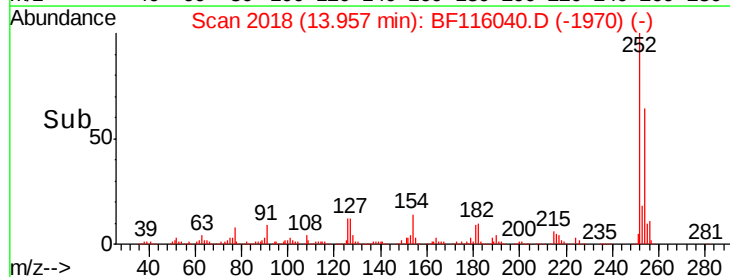
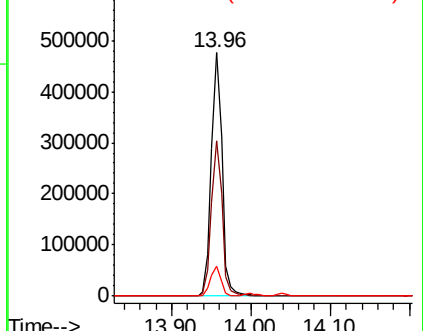
126 12.3 8.1 12.1#

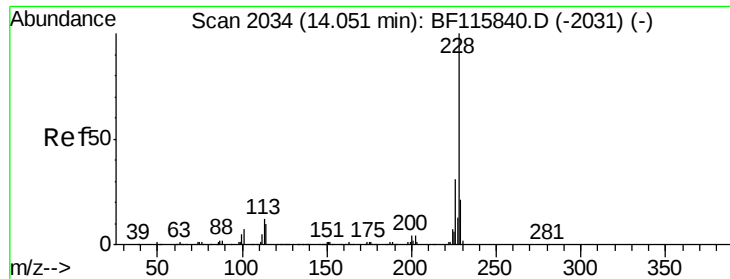


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.080 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

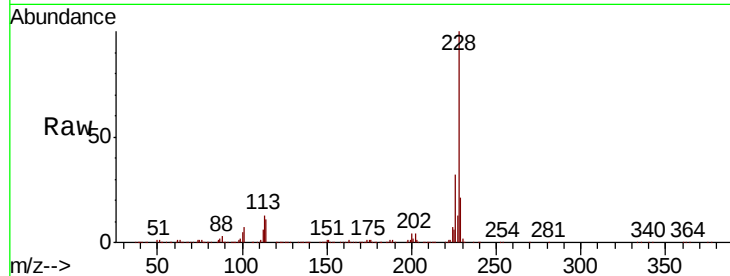
Tot Ion:228 Resp: 1204188

Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

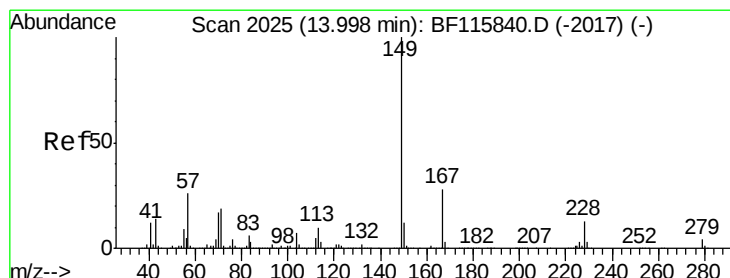
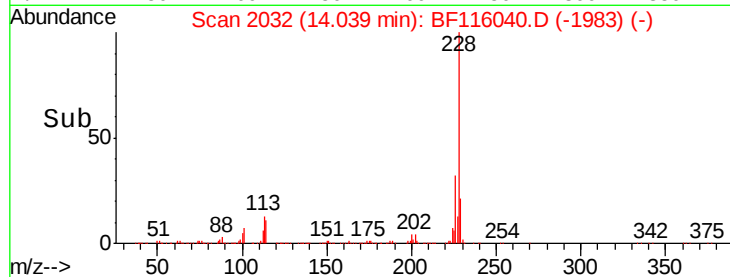
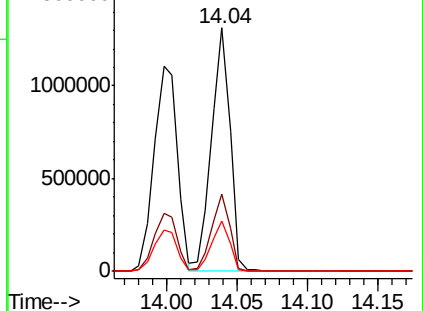
229 20.7 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.998 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

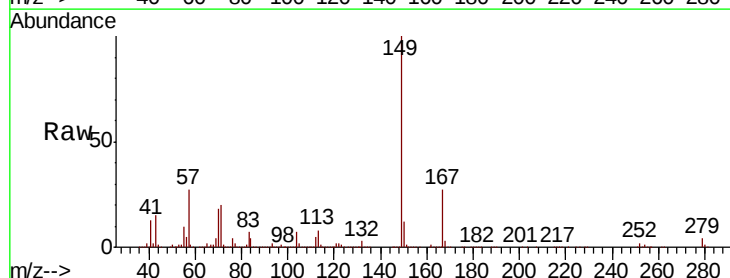
Tgt Ion:149 Resp: 955413

Ion Ratio Lower Upper

149 100

167 27.0 22.4 33.6

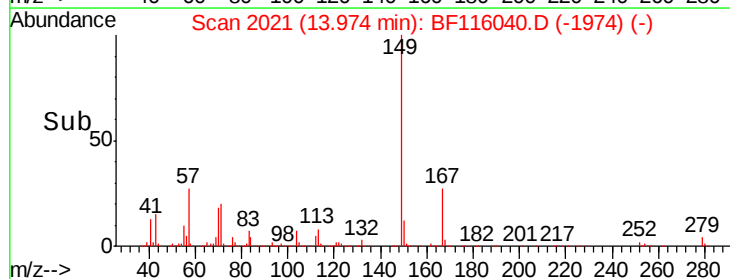
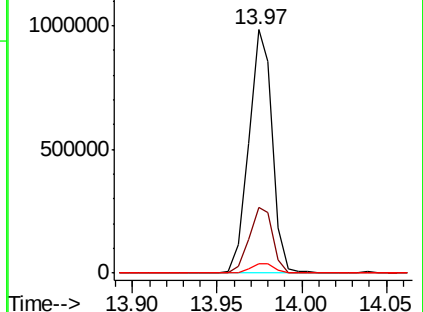
279 3.7 3.3 4.9

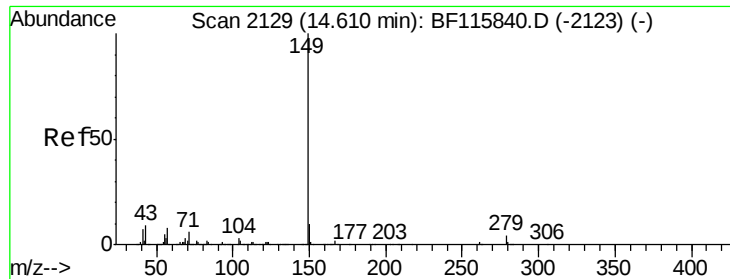


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

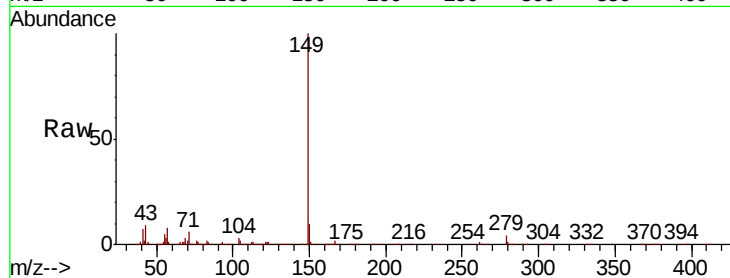




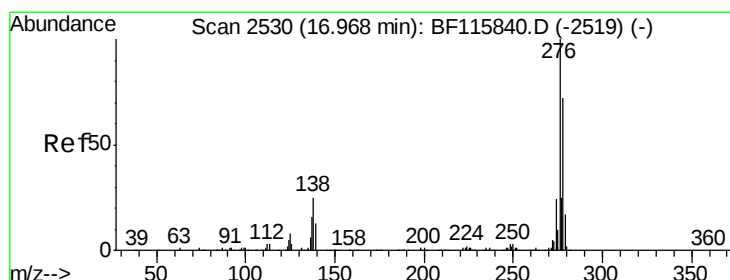
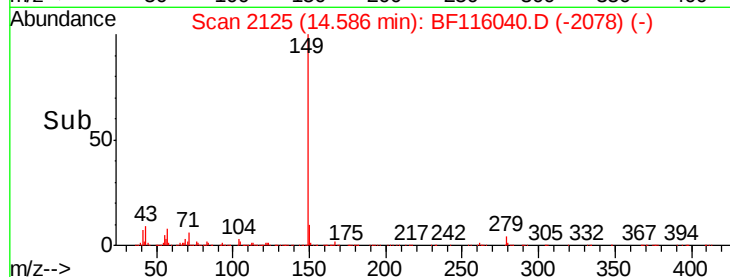
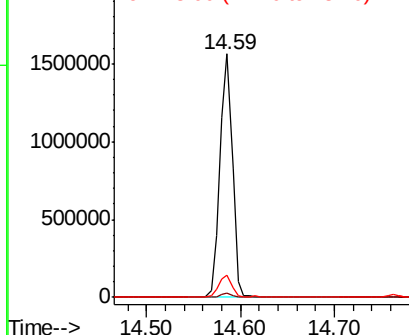
#85
Di-n-octyl phthalate
Concen: 48.129 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1460821
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.4 7.4 11.0

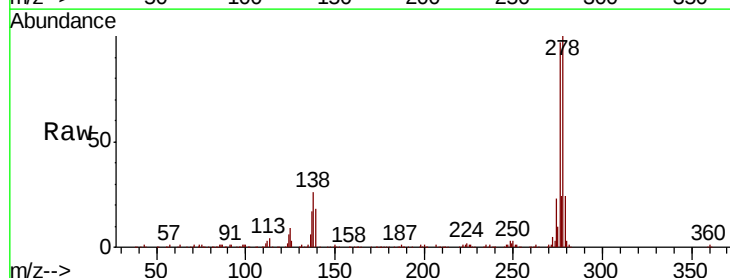


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

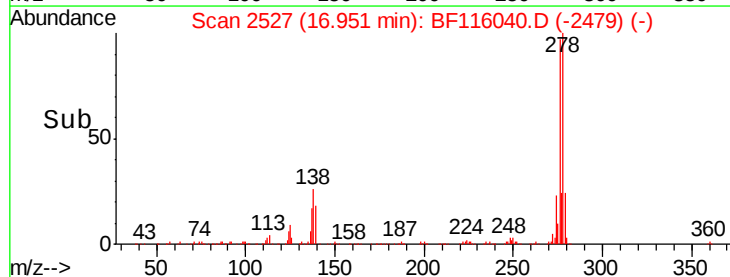
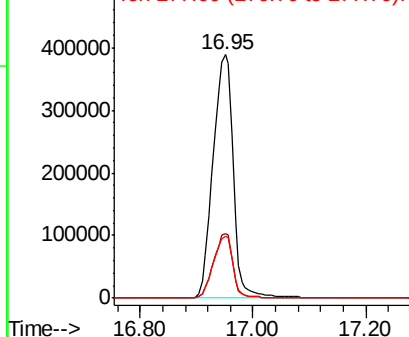


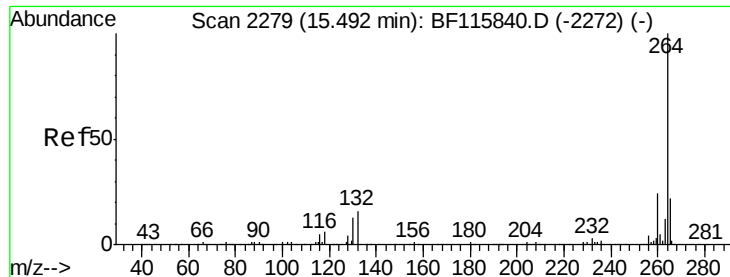
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.267 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:276 Resp: 967804
Ion Ratio Lower Upper
276 100
138 25.5 19.6 29.4
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



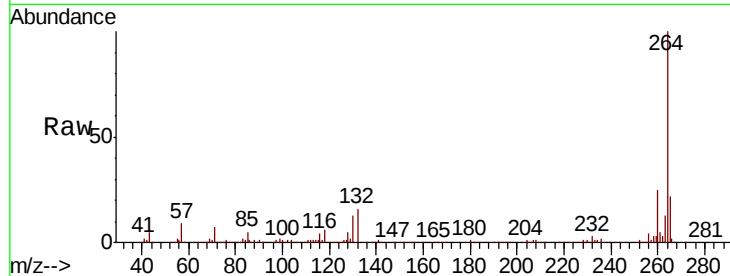


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

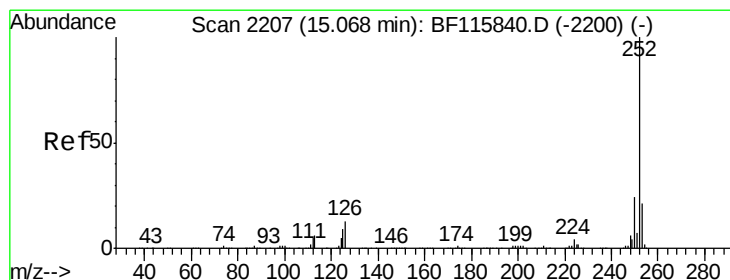
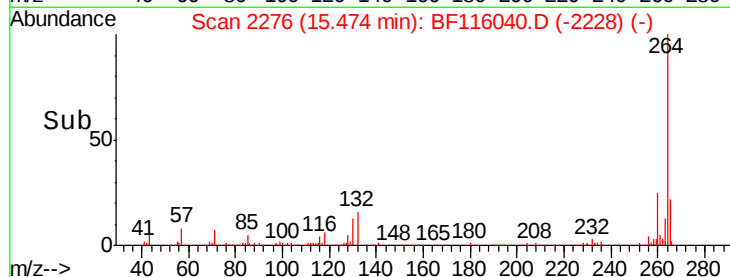
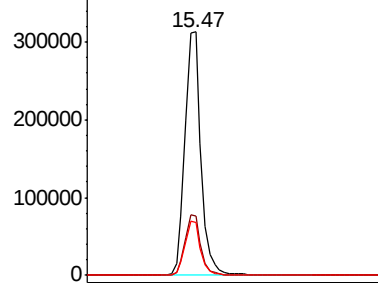
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 429388

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.5	26.3



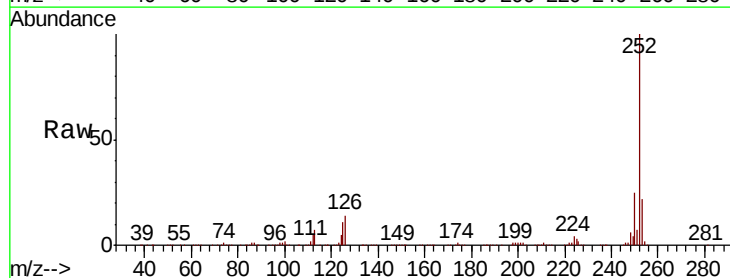
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



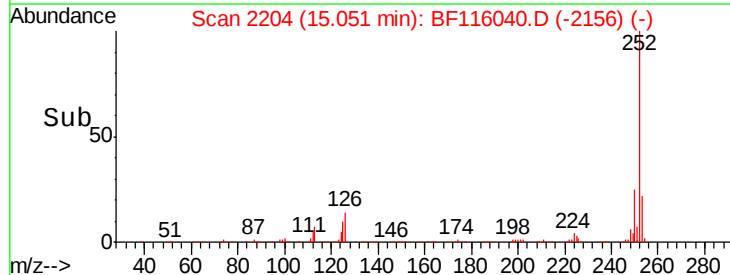
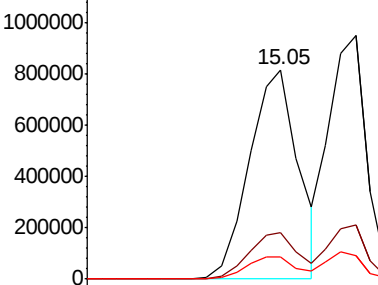
#88
Benzo(b)fluoranthene
Concen: 44.197 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

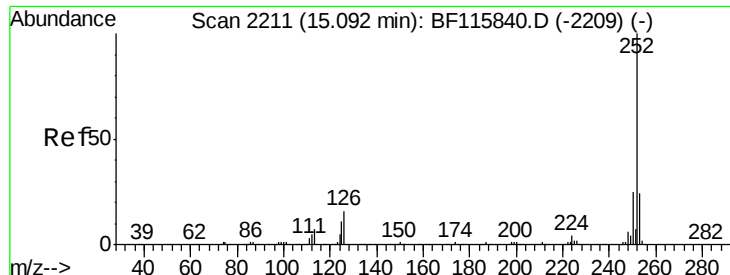
Tgt Ion:252 Resp: 1097315

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.5	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

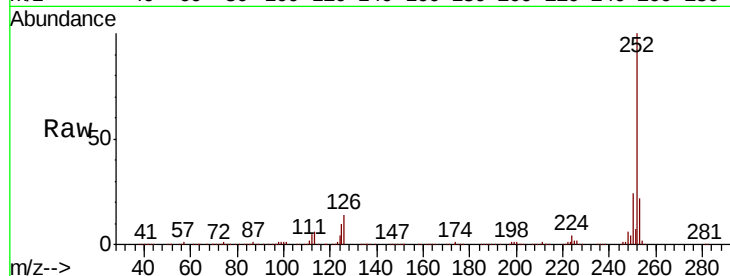




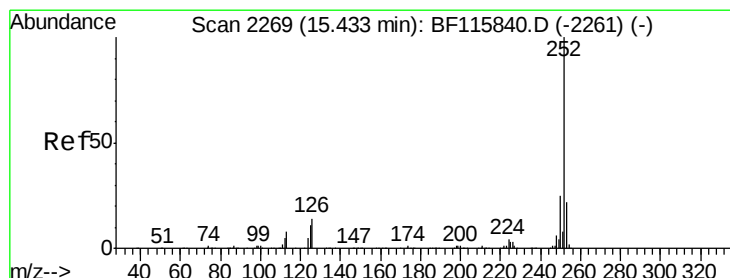
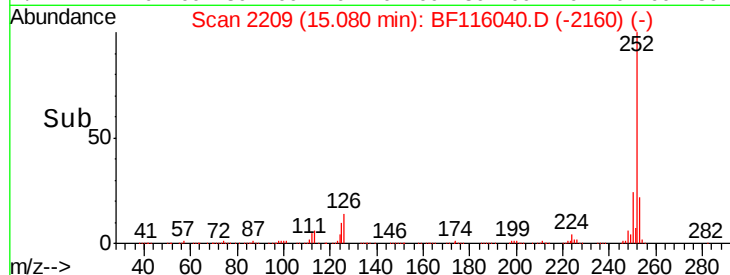
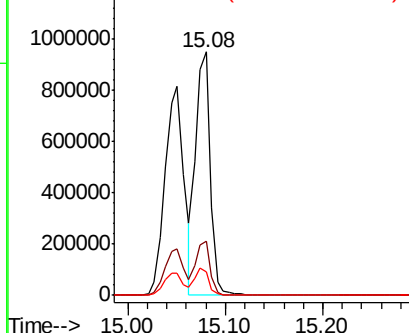
#89
Benzo(k)fluoranthene
Concen: 40.873 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 988418
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.6 8.9 13.3

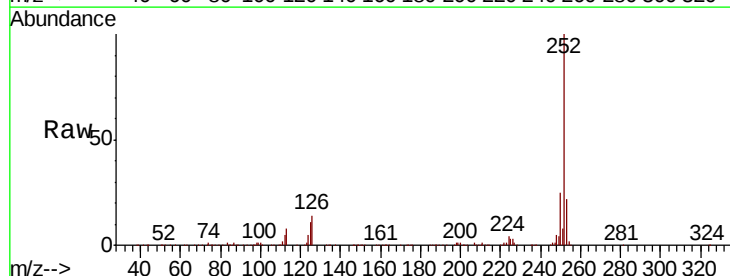


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

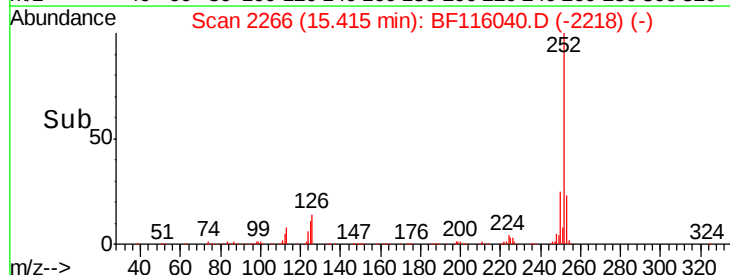
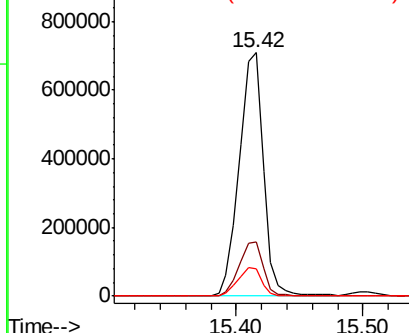


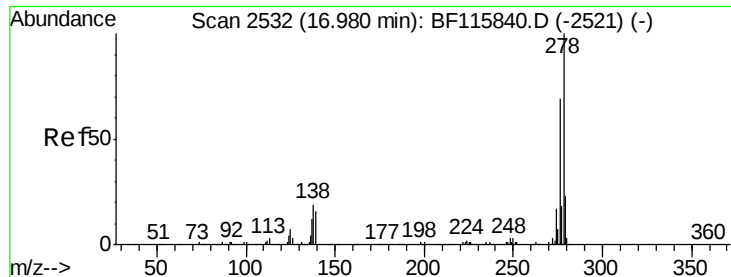
#90
Benzo(a)pyrene
Concen: 42.180 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:252 Resp: 936152
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.556 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

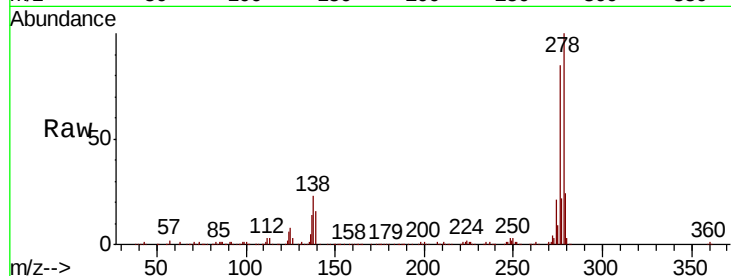
Tot Ion:278 Resp: 798347

Ion Ratio Lower Upper

278 100

139 16.0 12.6 19.0

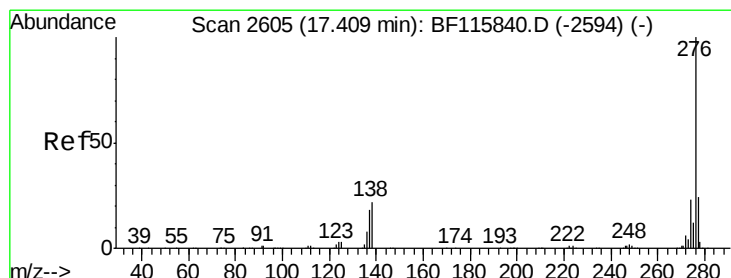
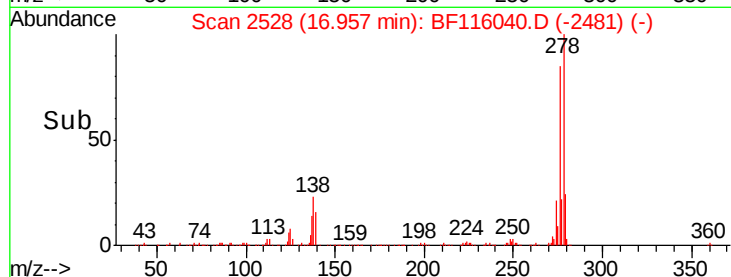
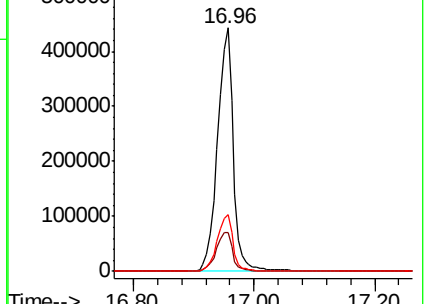
279 23.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.366 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

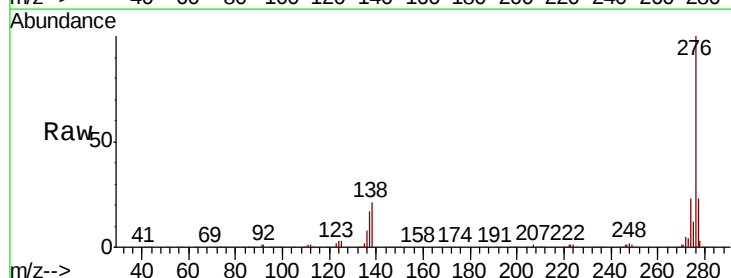
Tgt Ion:276 Resp: 761601

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 21.3 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

