

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116014.D
 Acq On : 6 Aug 2019 15:42
 Operator : HP/JU
 Sample : K4135-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:14:50 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	138422	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	526267	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	278059	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	467904	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	293185	20.00	ng	-0.02
87) Perylene-d12	15.47	264	385901	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	965968	116.82	ng	0.00
7) Phenol-d6	6.49	99	1283157	123.00	ng	0.00
23) Nitrobenzene-d5	7.41	82	823897	90.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	336153	124.69	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1355863	91.33	ng	-0.02
79) Terphenyl-d14	12.95	244	1360221	97.76	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	130328	31.200	ng	100
3) Pyridine	3.40	79	344498	29.523	ng	100
4) n-Nitrosodimethylamine	3.33	42	163570	35.521	ng	99
6) Aniline	6.51	93	449037	30.055	ng	98
8) 2-Chlorophenol	6.63	128	364501	39.865	ng	99
9) Benzaldehyde	6.39	77	200627	27.872	ng	95
10) Phenol	6.50	94	484655	39.450	ng	92
11) bis(2-Chloroethyl)ether	6.58	93	355954	39.410	ng	98
12) 1,3-Dichlorobenzene	6.79	146	389634	36.873	ng	99
13) 1,4-Dichlorobenzene	6.86	146	396292	37.455	ng	98
14) 1,2-Dichlorobenzene	7.02	146	366325	37.601	ng	99
15) Benzyl Alcohol	6.99	79	320114	40.433	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	475817	38.622	ng	92
17) 2-Methylphenol	7.10	107	316485	40.878	ng	98
18) Hexachloroethane	7.36	117	145249	37.287	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	255921	39.588	ng	98
20) 3+4-Methylphenols	7.25	107	379487	41.420	ng	# 80
22) Acetophenone	7.25	105	504586	43.718	ng	99
24) Nitrobenzene	7.43	77	408125	41.458	ng	95
25) Isophorone	7.66	82	739053	42.393	ng	100
26) 2-Nitrophenol	7.74	139	203319	43.815	ng	96
27) 2,4-Dimethylphenol	7.78	122	333472	47.765	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	450804	41.720	ng	99
29) 2,4-Dichlorophenol	7.99	162	321204	43.574	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	341326	40.620	ng	99
31) Naphthalene	8.15	128	1064733	42.994	ng	100
32) Benzoic acid	7.89	122	83313	16.926	ng	99
33) 4-Chloroaniline	8.19	127	323499	29.236	ng	98
34) Hexachlorobutadiene	8.26	225	193085	39.894	ng	99
35) Caprolactam	8.56	113	58602	24.580	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	339001	44.206	ng	96
37) 2-Methylnaphthalene	8.84	142	715363	43.861	ng	99
38) 1-Methylnaphthalene	8.93	142	667772	43.278	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	324765	43.689	ng	100

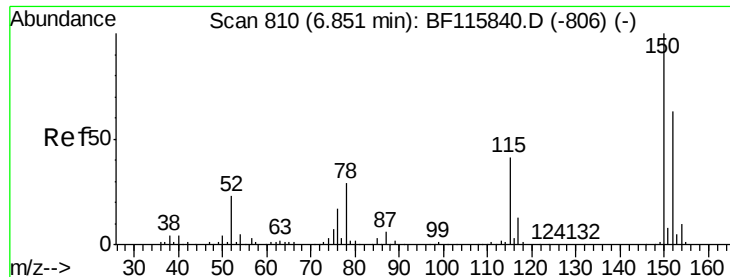
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	166947	52.245	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	212133	41.459	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	226665	42.855	ng	99
46) 1,1'-Biphenyl	9.30	154	868391	44.236	ng	99
47) 2-Chloronaphthalene	9.33	162	685286	41.943	ng	99
48) 2-Nitroaniline	9.42	65	222493	41.198	ng	90
49) Acenaphthylene	9.74	152	1052226	44.143	ng	99
50) Dimethylphthalate	9.60	163	934557	49.362	ng	100
51) 2,6-Dinitrotoluene	9.66	165	182751	44.417	ng	91
52) Acenaphthene	9.92	154	666319	45.565	ng	100
53) 3-Nitroaniline	9.83	138	161760	31.818	ng	93
54) 2,4-Dinitrophenol	9.95	184	75461	40.351	ng	93
55) Dibenzofuran	10.09	168	958190	45.057	ng	99
56) 4-Nitrophenol	10.01	139	276663	84.951	ng	93
57) 2,4-Dinitrotoluene	10.07	165	236050	43.091	ng	98
58) Fluorene	10.43	166	764816	46.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	186842	41.989	ng	98
60) Diethylphthalate	10.30	149	791108	44.756	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	360046	43.450	ng	100
62) 4-Nitroaniline	10.45	138	206030	39.215	ng	98
63) Azobenzene	10.57	77	805124	44.284	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	81514	32.874	ng	97
66) n-Nitrosodiphenylamine	10.53	169	652325	46.319	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	220426	44.007	ng	99
68) Hexachlorobenzene	10.98	284	244070	42.139	ng	98
69) Atrazine	11.06	200	204851	44.214	ng	99
70) Pentachlorophenol	11.18	266	194877	69.302	ng	98
71) Phenanthrene	11.39	178	1667078	69.693	ng	99
72) Anthracene	11.45	178	1240613	51.247	ng	99
73) Carbazole	11.60	167	985979	44.893	ng	99
74) Di-n-butylphthalate	11.92	149	1199563	46.820	ng	100
75) Fluoranthene	12.59	202	1839569	73.459	ng	97
77) Benzidine	12.70	184	570791	57.626	ng	97
78) Pyrene	12.82	202	1735532	78.528	ng	99
80) Butylbenzylphthalate	13.42	149	457908	48.981	ng	96
81) Benzo(a)anthracene	14.00	228	1236047	65.960	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	254425	39.080	ng	# 98
83) Chrysene	14.03	228	1110568	61.044	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	632911	52.098	ng	99
85) Di-n-octyl phthalate	14.59	149	1036434	53.712	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	1326379	86.804	ng	100
88) Benzo(b)fluoranthene	15.08	252	1008567	45.200	ng	97
89) Benzo(k)fluoranthene	15.08	252	1008567	46.406	ng	99
90) Benzo(a)pyrene	15.42	252	1189049	59.612	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	939389	54.408	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1121911	66.164	ng	99

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

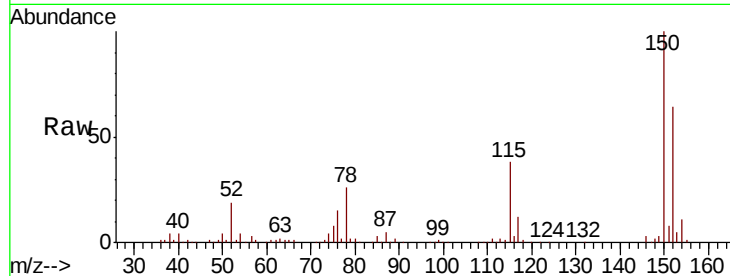


#1

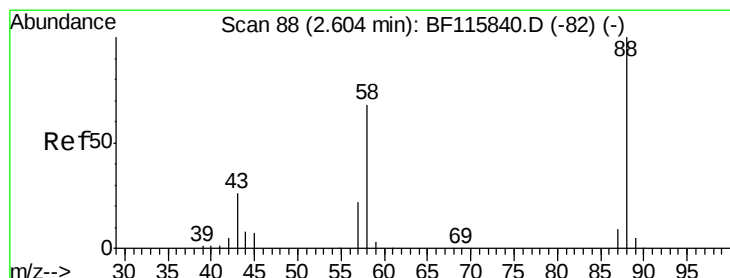
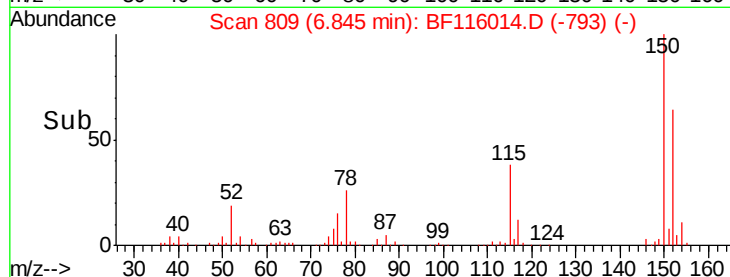
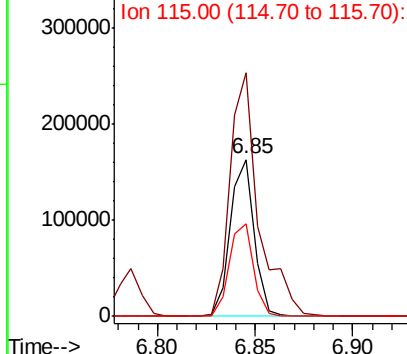
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 138422
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.4 191.0
 115 58.7 51.8 77.8



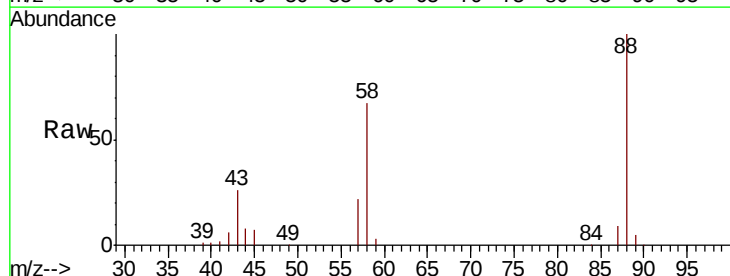
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



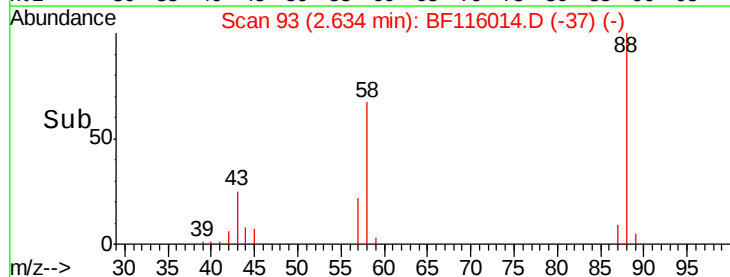
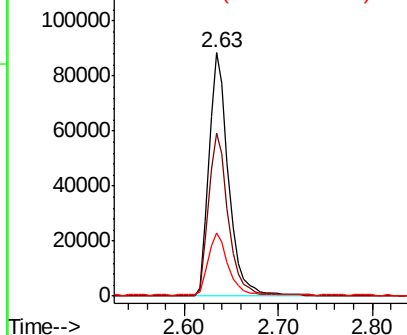
#2

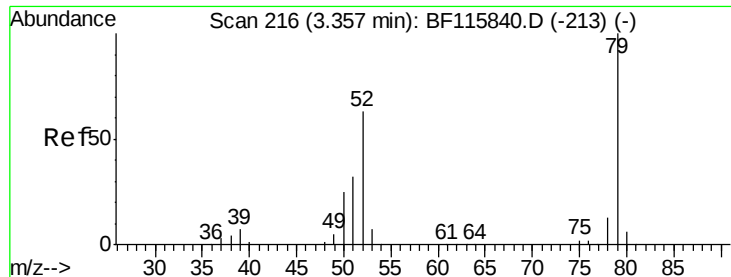
1,4-Dioxane
 Concen: 31.200 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.03 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion: 88 Resp: 130328
 Ion Ratio Lower Upper
 88 100
 58 67.7 54.1 81.1
 43 25.9 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

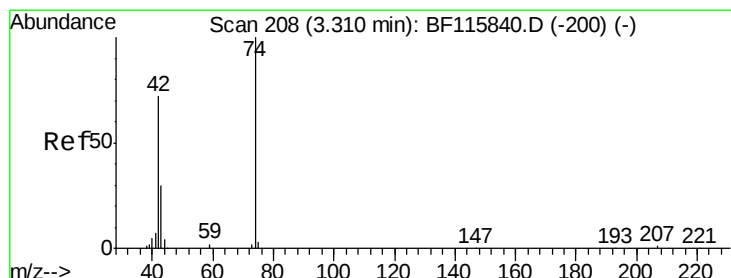
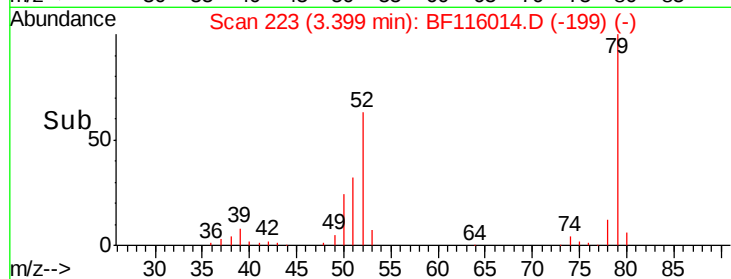
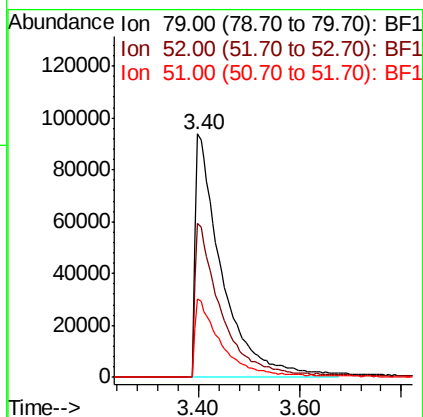
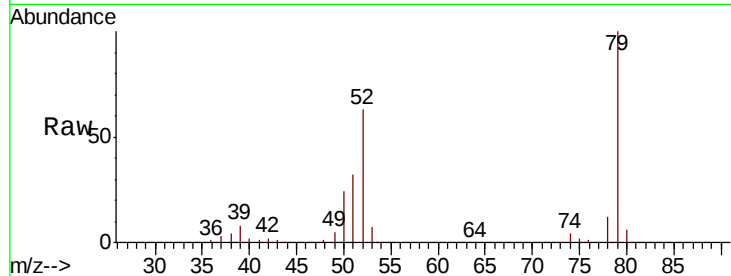




#3
 Pvridine
 Concen: 29.523 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.04 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

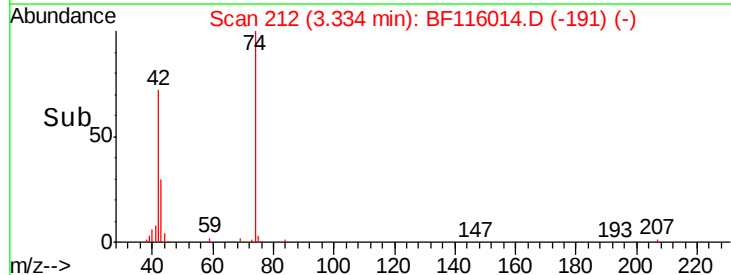
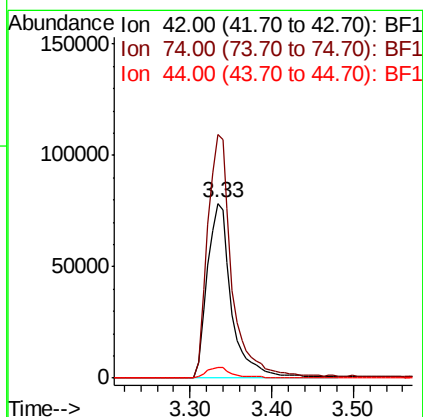
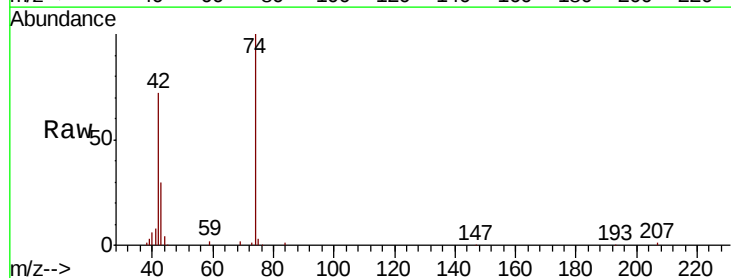
Instrument :
 BNA_F
 ClientSampleId :

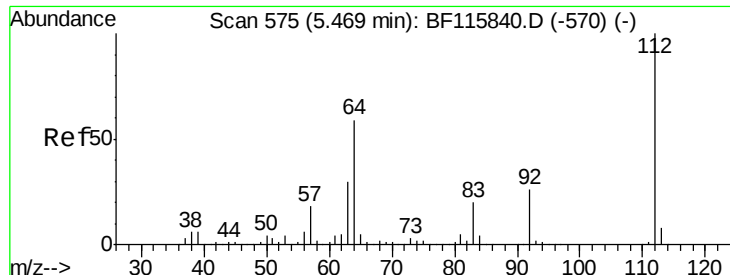
Tot Ion: 79 Resp: 344498
 Ion Ratio Lower Upper
 79 100
 52 63.0 50.2 75.4
 51 32.2 25.8 38.6



#4
 n-Nitrosodimethylamine
 Concen: 35.521 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion: 42 Resp: 163570
 Ion Ratio Lower Upper
 42 100
 74 139.5 111.0 166.4
 44 6.1 4.7 7.1





#5

2-Fluorophenol

Concen: 116.823 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampled :

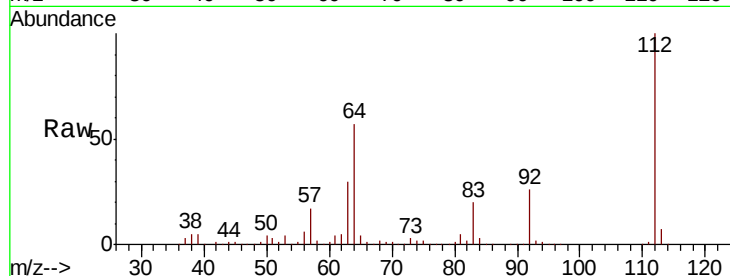
Tot Ion:112 Resp: 965968

Ion Ratio Lower Upper

112 100

64 56.8 46.8 70.2

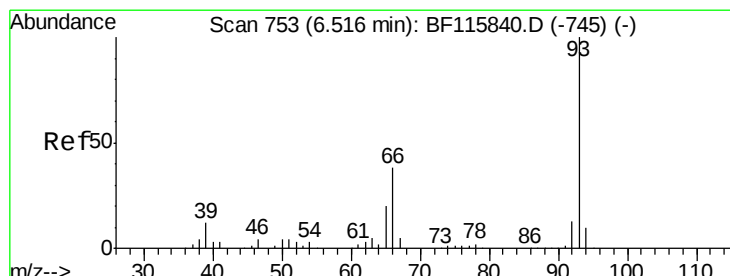
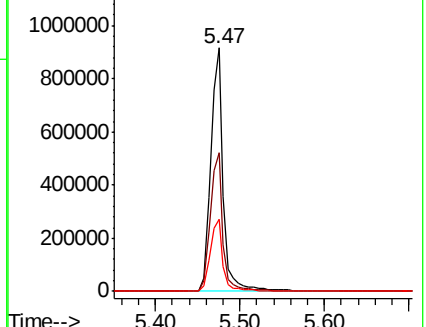
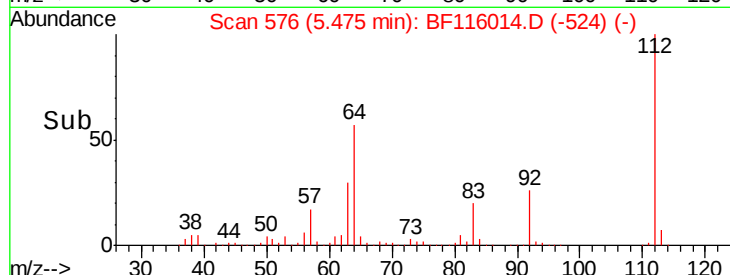
63 29.6 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.055 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

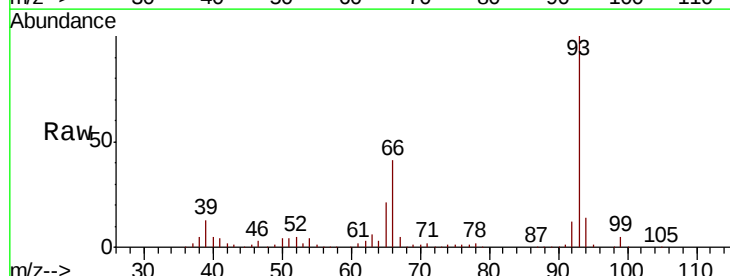
Tgt Ion: 93 Resp: 449037

Ion Ratio Lower Upper

93 100

66 40.6 31.4 47.0

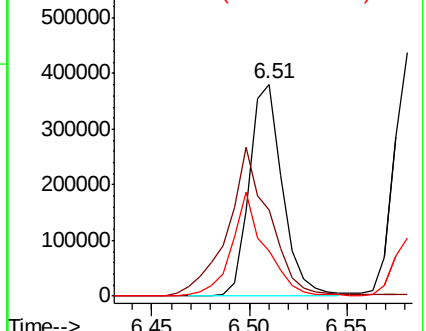
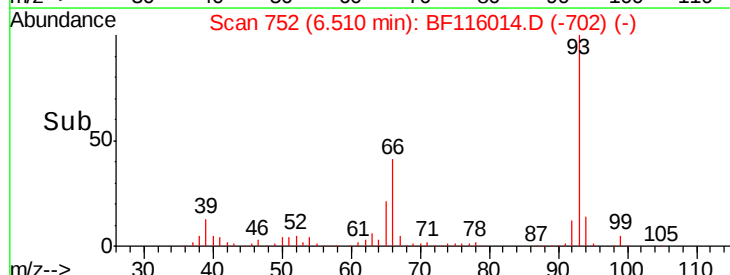
65 21.2 16.5 24.7

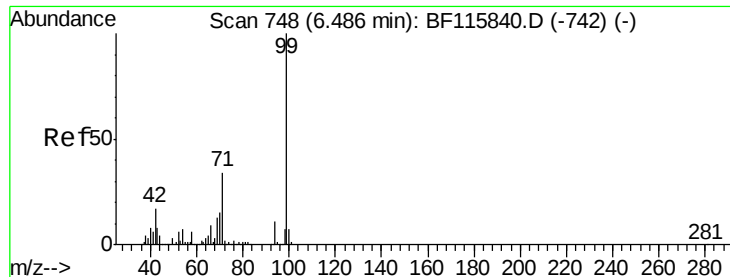


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.998 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

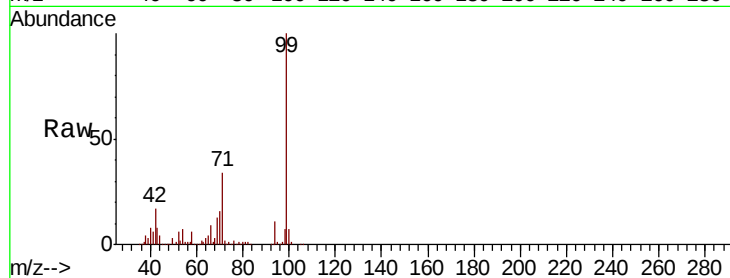
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1283157

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	34.0	27.1	40.7

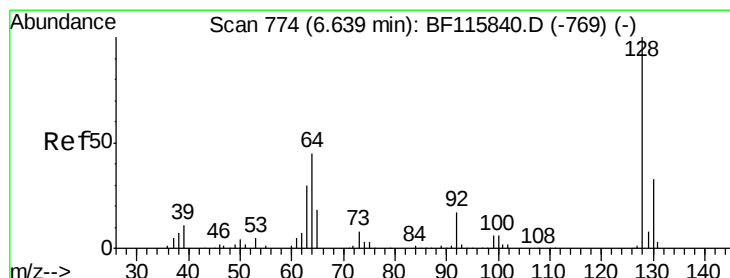
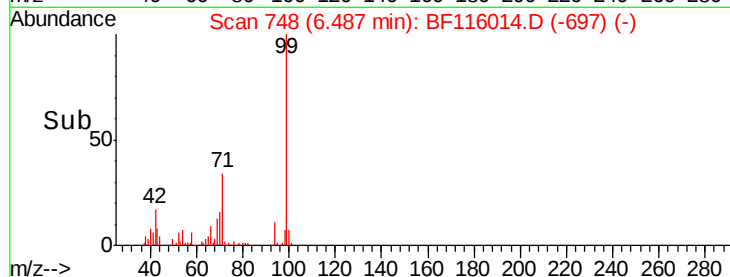
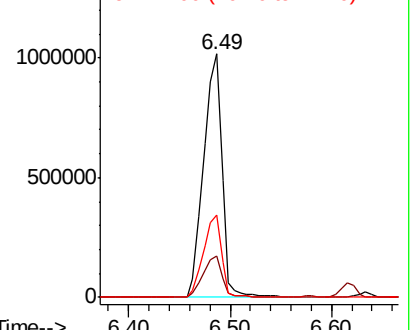


Abundance

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: 39.865 ng

RT: 6.63 min Scan# 773

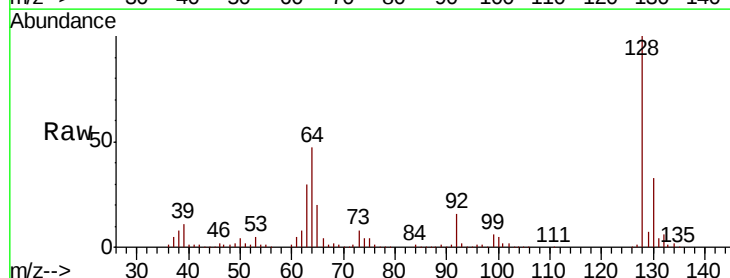
Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Tgt Ion: 128 Resp: 364501

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	46.9	26.1	66.1

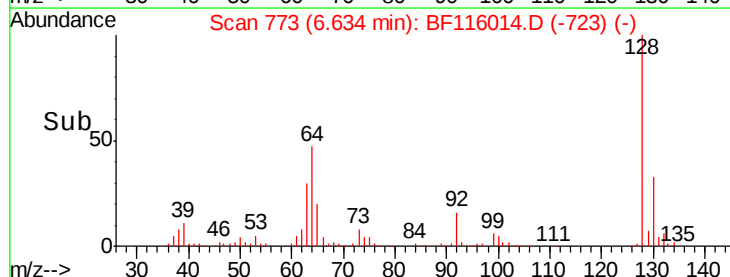
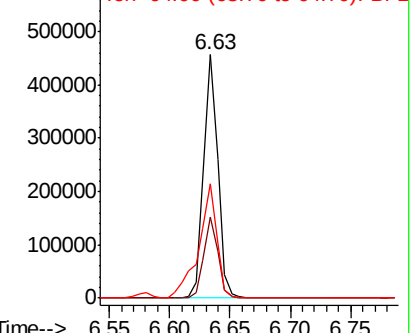


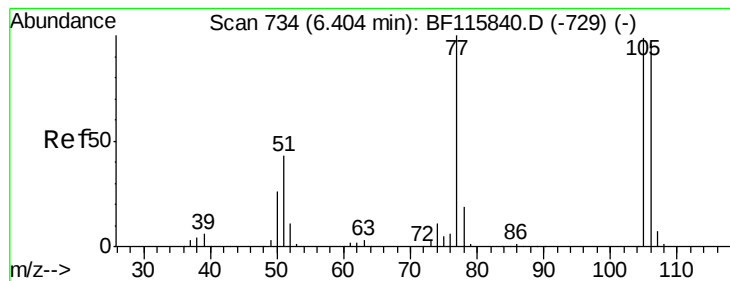
Abundance

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: 27.872 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

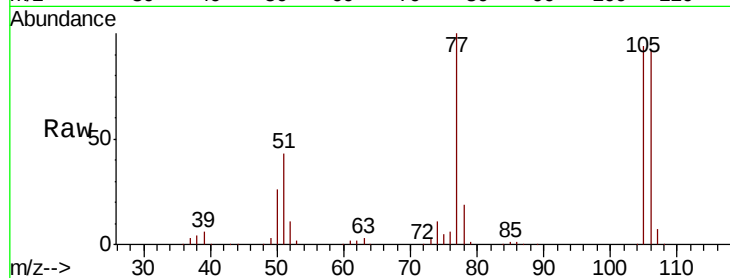
Tot Ion: 77 Resp: 200627

Ion Ratio Lower Upper

77 100

105 93.9 79.0 119.0

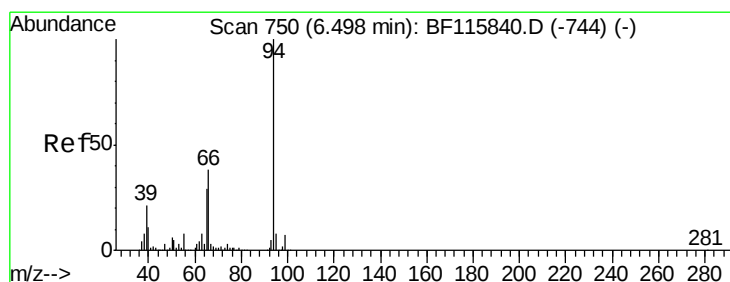
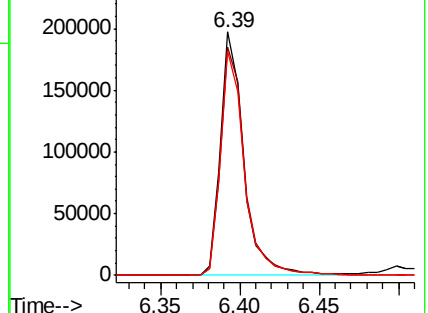
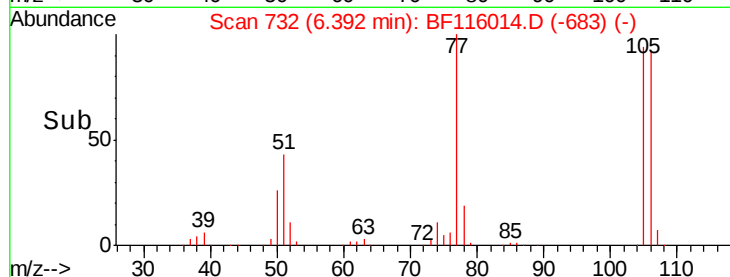
106 92.1 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.450 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

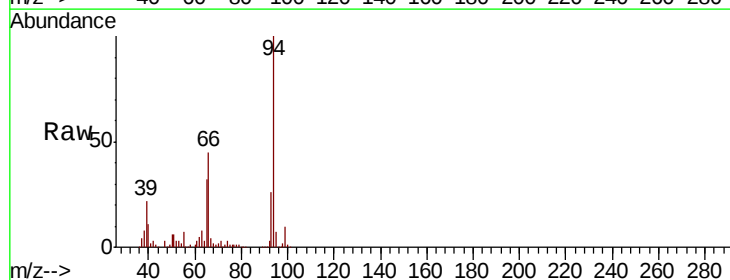
Tgt Ion: 94 Resp: 484655

Ion Ratio Lower Upper

94 100

65 31.5 8.9 48.9

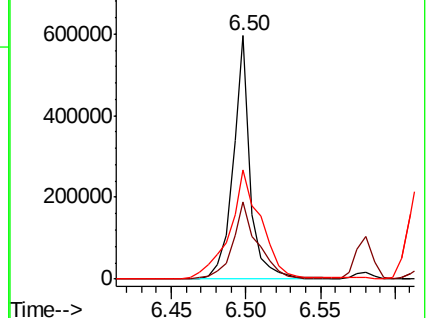
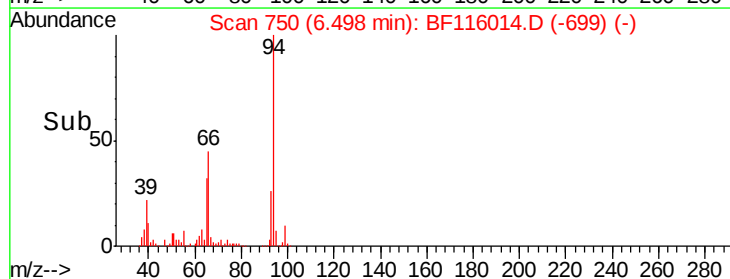
66 44.7 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

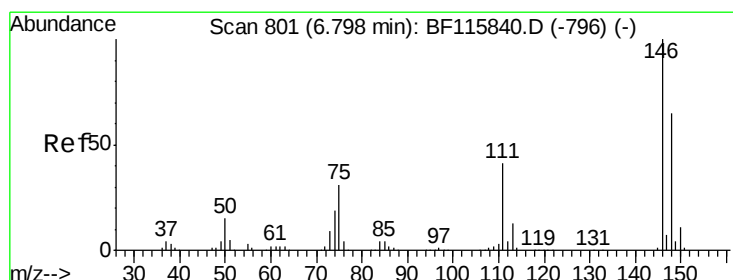
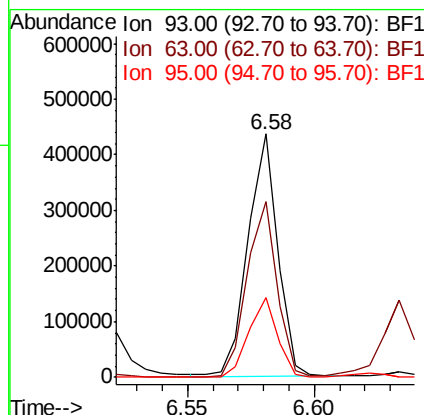
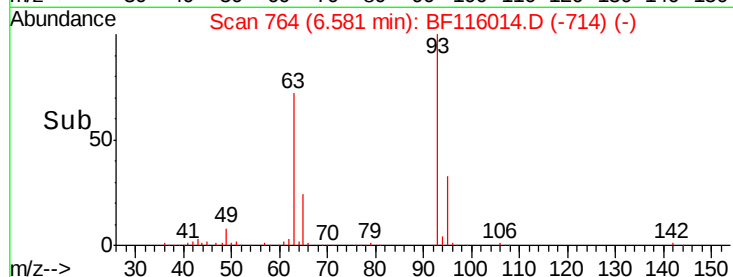
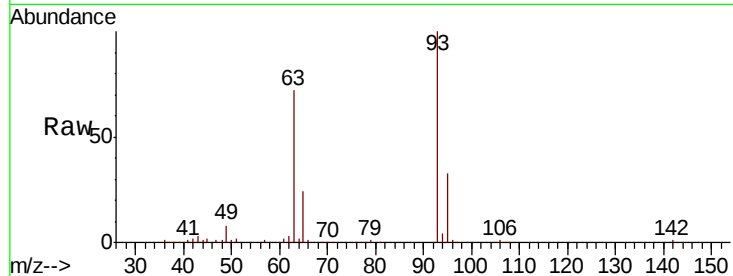




#11
 bis(2-Chloroethyl)ether
 Concen: 39.410 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

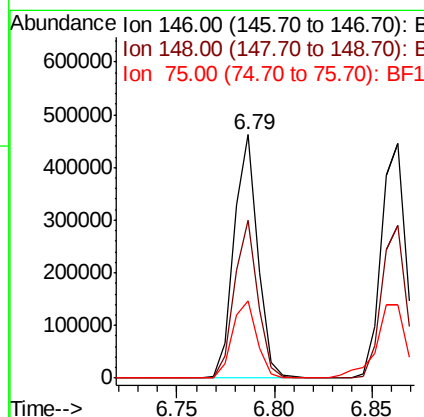
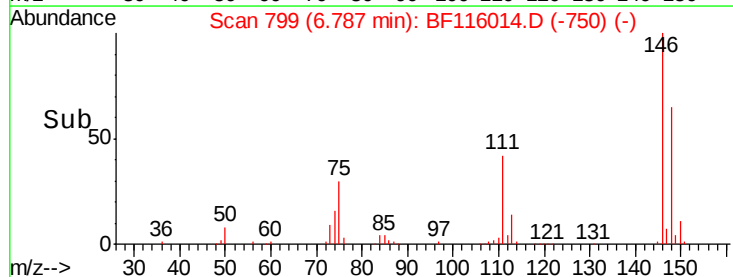
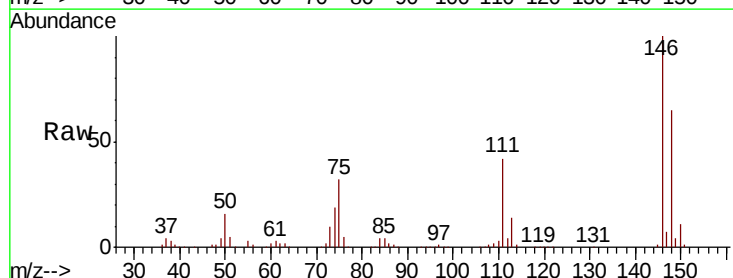
Instrument :
 BNA_F
 ClientSampled :

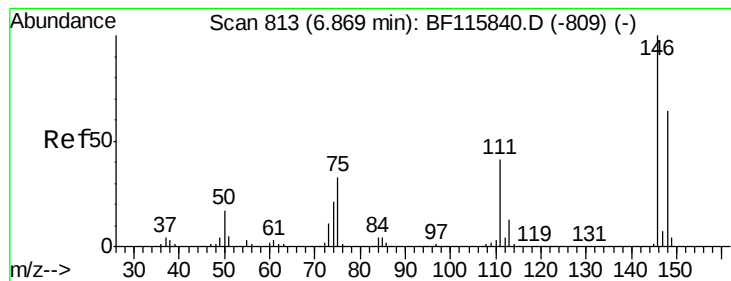
Tot Ion: 93 Resp: 355954
 Ion Ratio Lower Upper
 93 100
 63 72.2 54.9 94.9
 95 32.8 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 36.873 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion: 146 Resp: 389634
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.1 78.1
 75 32.0 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 37.455 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampled :

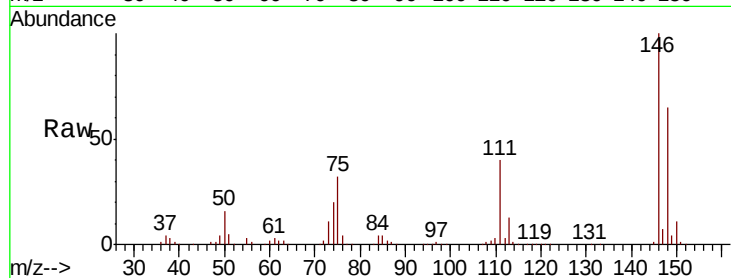
Tot Ion:146 Resp: 396292

Ion Ratio Lower Upper

146 100

148 65.1 51.2 76.8

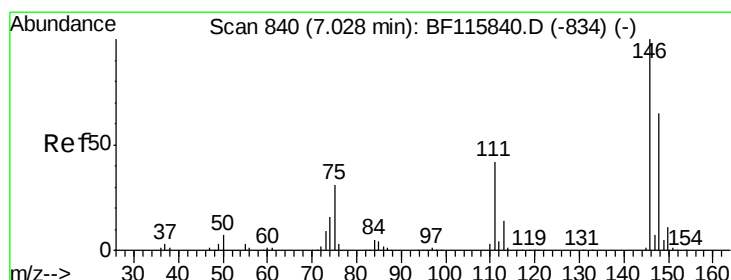
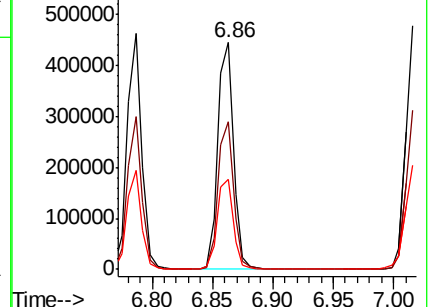
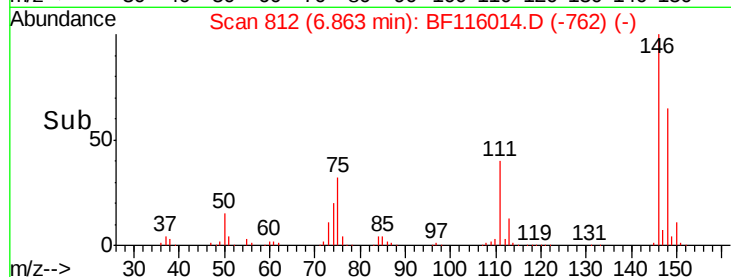
111 40.0 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.601 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

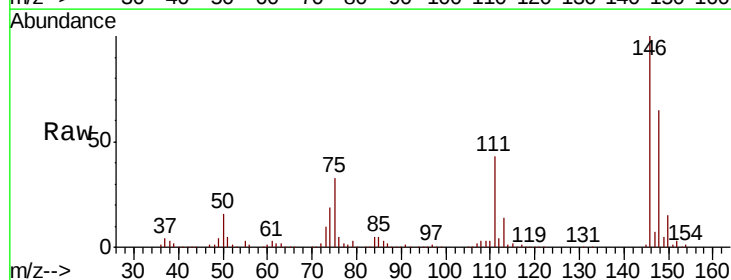
Tgt Ion:146 Resp: 366325

Ion Ratio Lower Upper

146 100

148 65.4 51.6 77.4

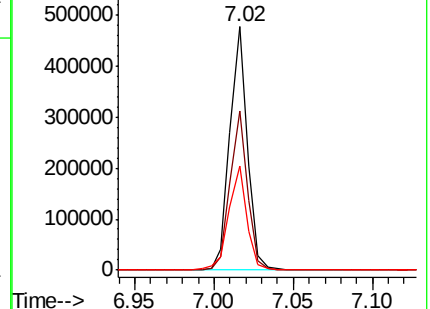
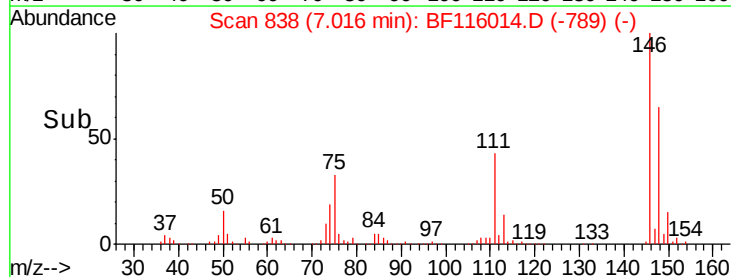
111 42.9 33.6 50.4

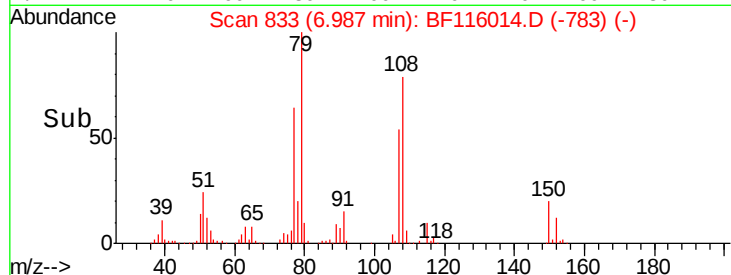
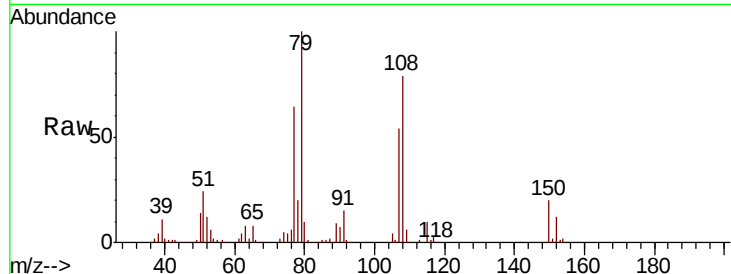


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

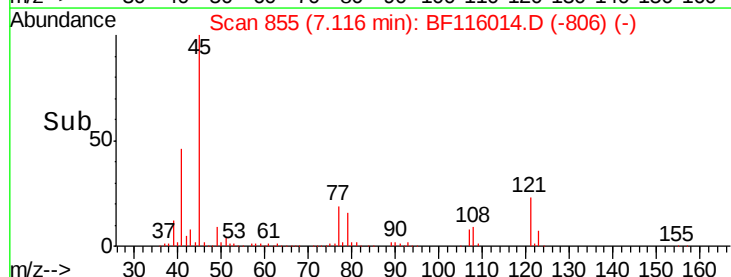
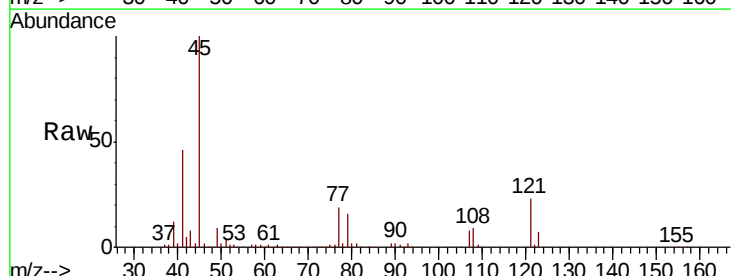
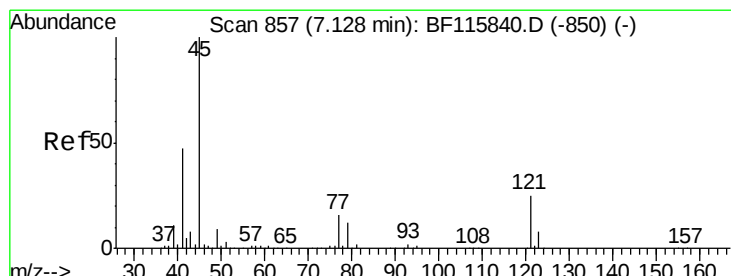
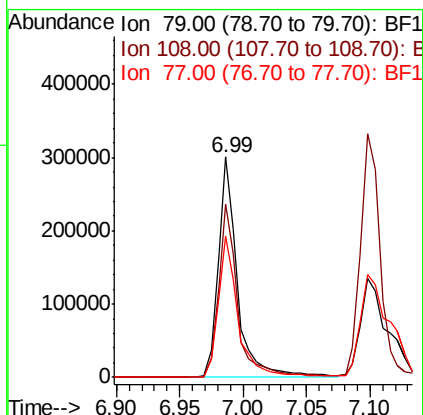




#15
Benzvl Alcohol
Concen: 40.433 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

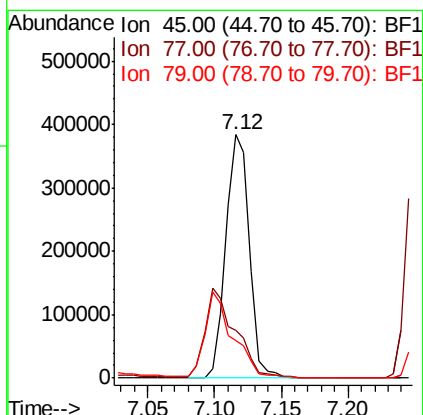
Instrument :
BNA_F
ClientSampleId :

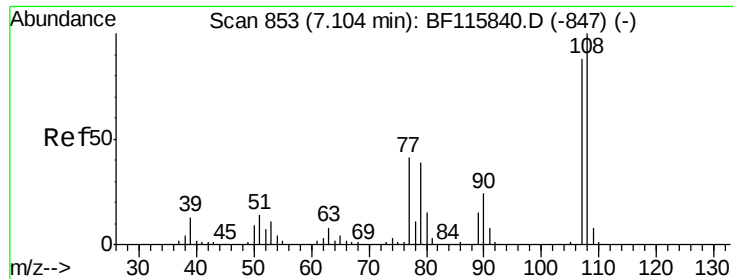
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.8	94.2
77	64.0	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.622 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	36.3
79	15.6	0.0	32.5

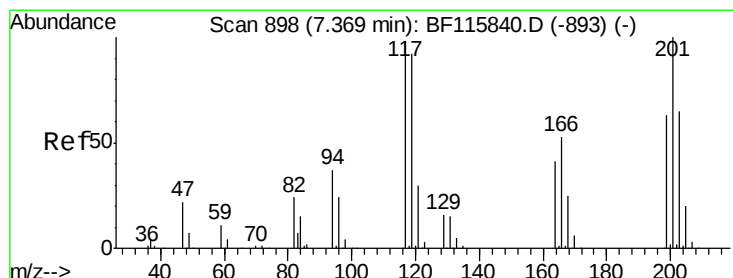
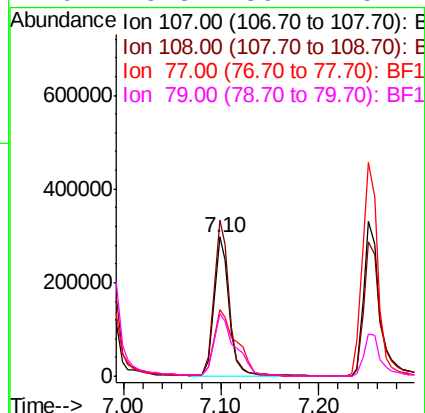
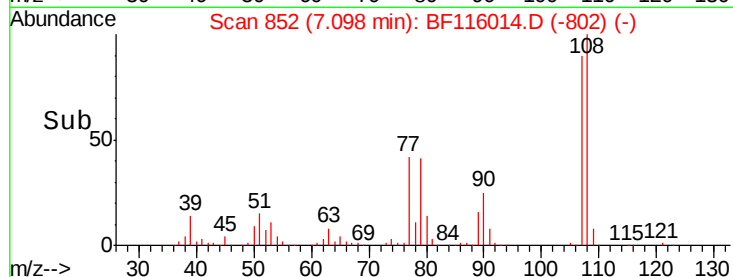
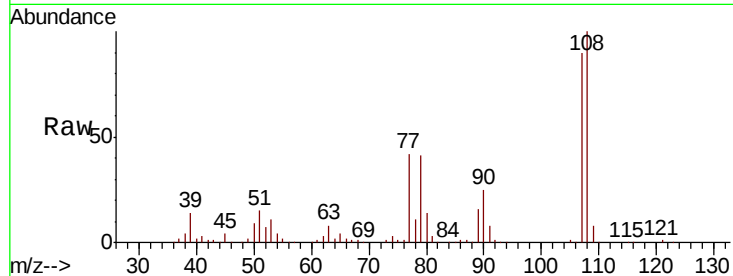




#17
2-Methylphenol
Concen: 40.878 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

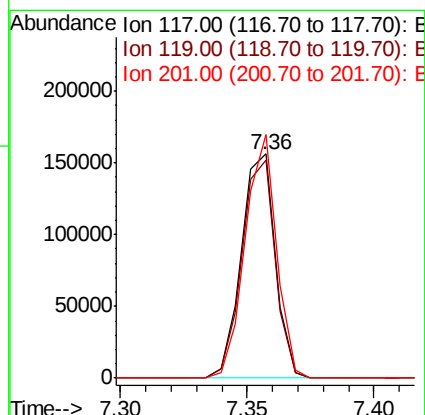
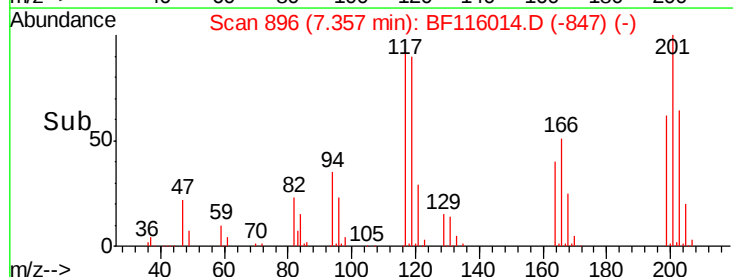
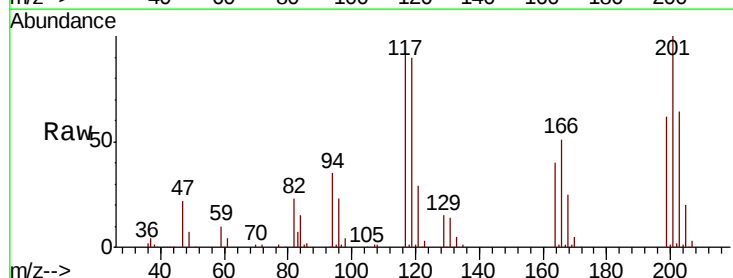
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.4	137.0
77	47.4	37.6	56.4
79	45.3	36.2	54.4



#18
Hexachloroethane
Concen: 37.287 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.6
201	108.6	82.0	123.0

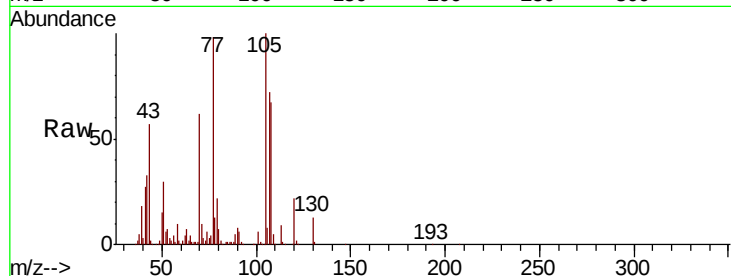




#19
n-Nitroso-di-n-propylamine
Concen: 39.588 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	41.8	62.8
101	9.4	7.7	11.5
130	21.0	17.8	26.6



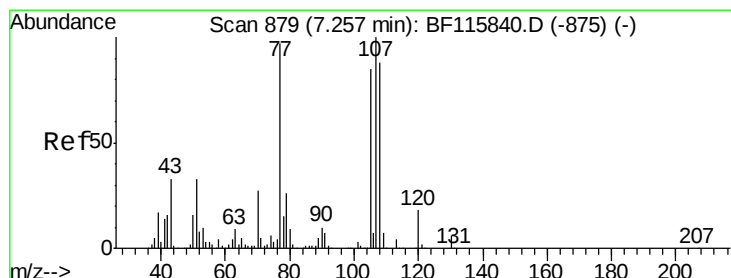
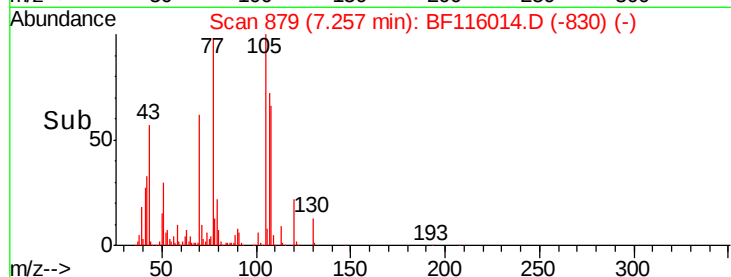
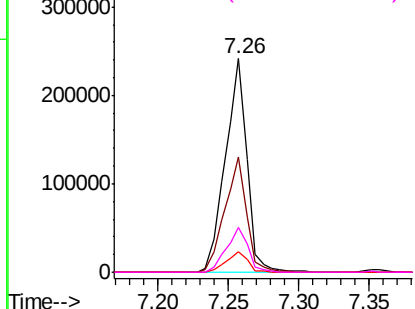
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.420 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.9	107.9
77	138.2	77.3	117.3#
79	27.1	6.6	46.6

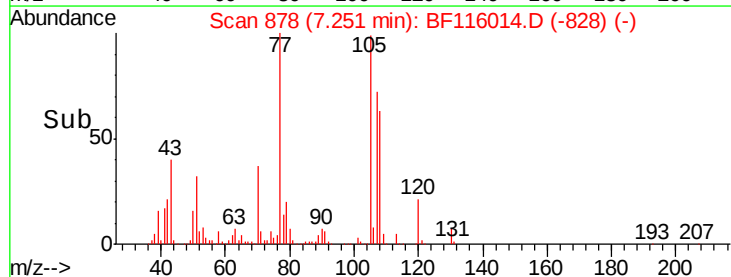
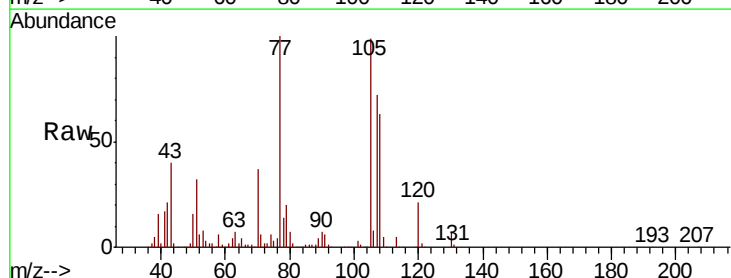
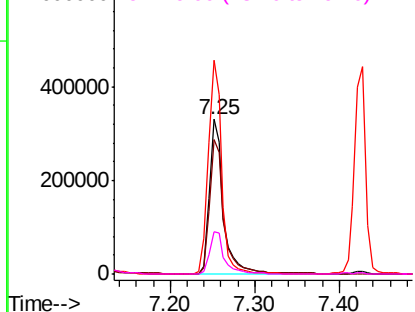
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 526267

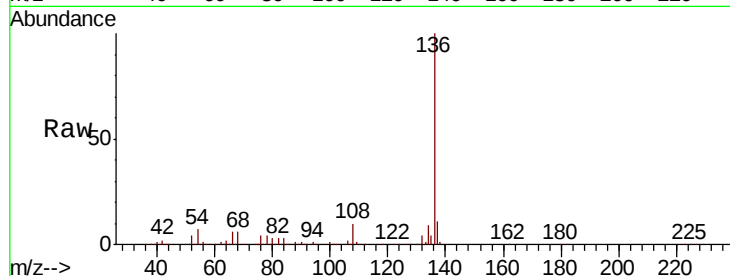
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 6.1 9.1

68 6.3 5.4 8.2

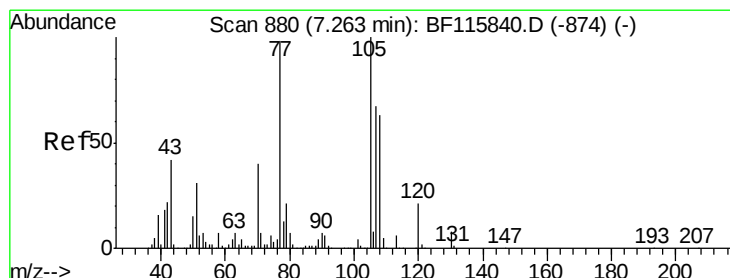
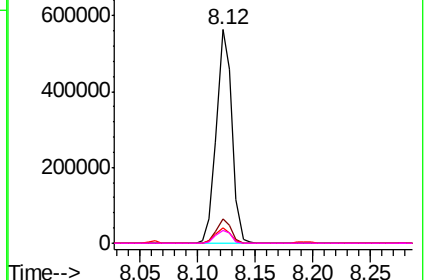
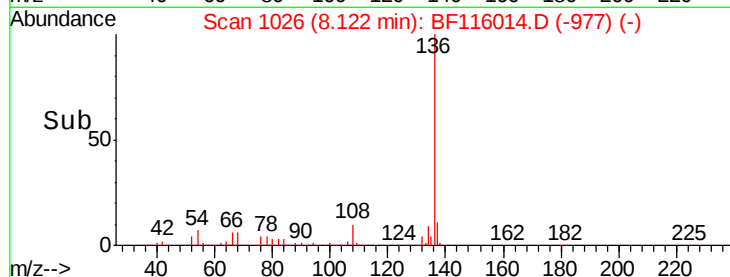


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.718 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Tgt Ion:105 Resp: 504586

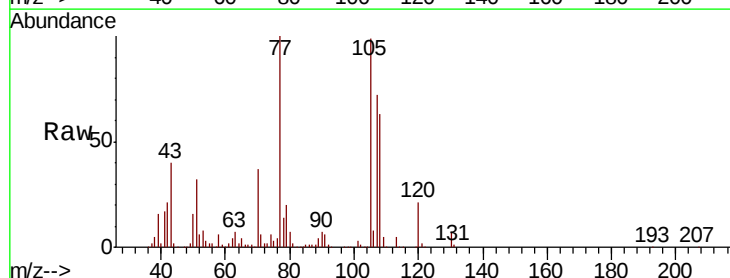
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 31.9 24.6 36.8

120 21.4 17.0 25.6

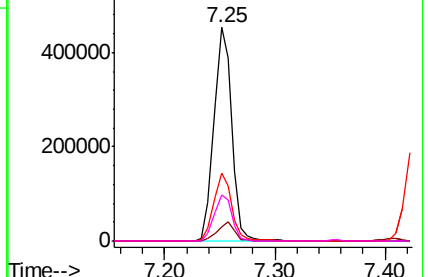
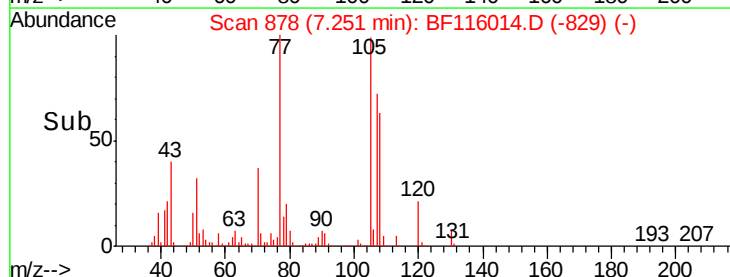


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

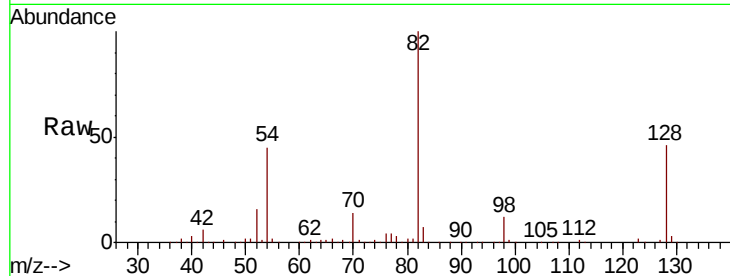




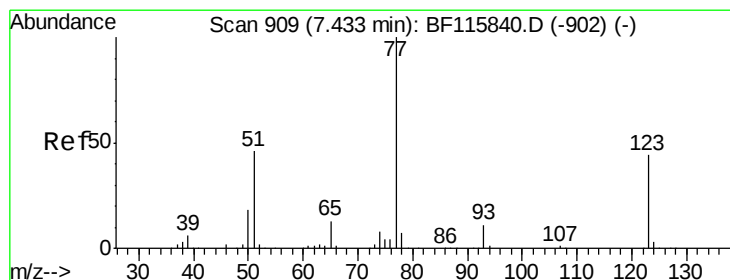
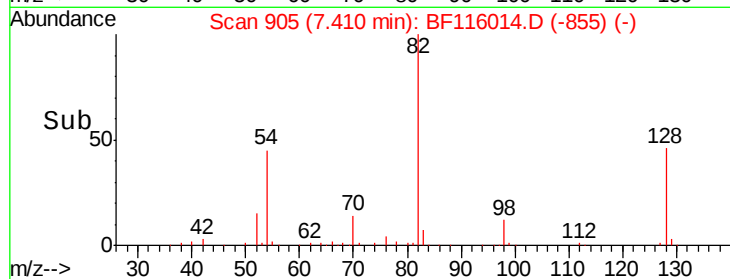
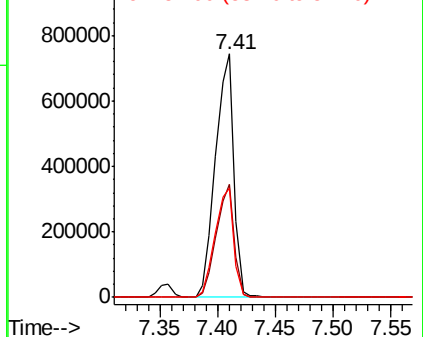
#23
Nitrobenzene-d5
Concen: 90.368 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 823897
Ion Ratio Lower Upper
82 100
128 46.2 36.6 55.0
54 44.7 36.6 55.0

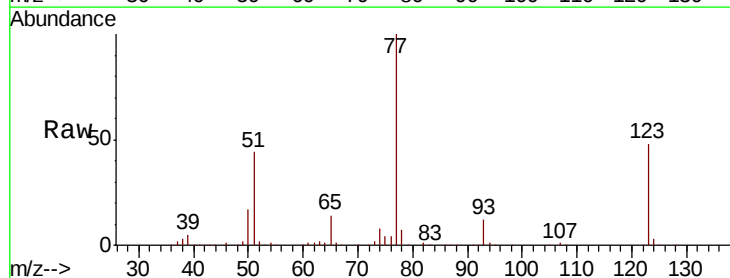


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

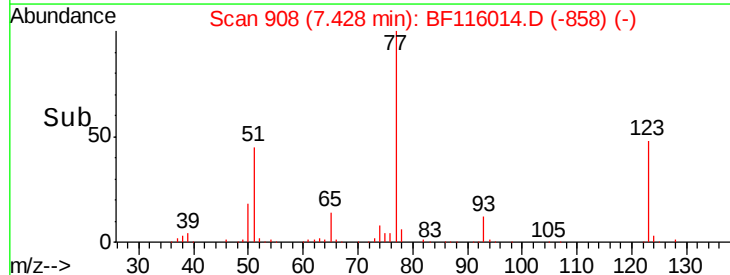
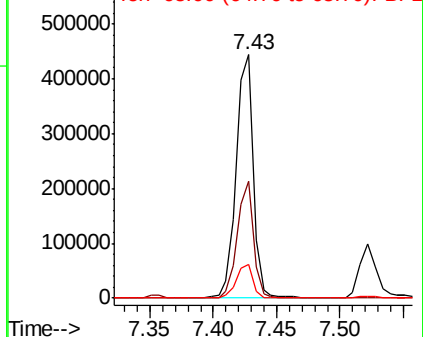


#24
Nitrobenzene
Concen: 41.458 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion: 77 Resp: 408125
Ion Ratio Lower Upper
77 100
123 48.1 35.5 53.3
65 13.6 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

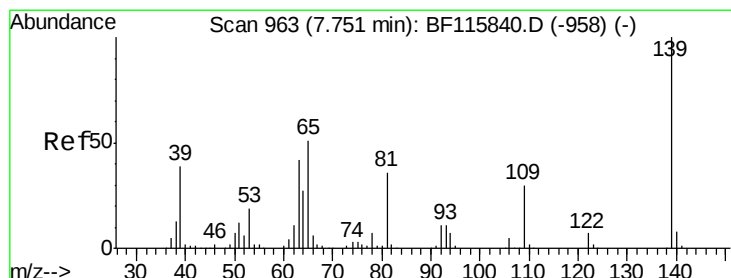
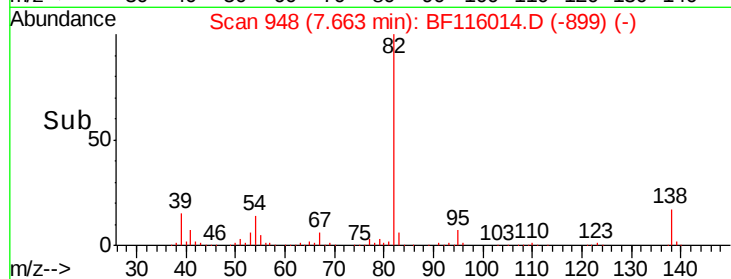
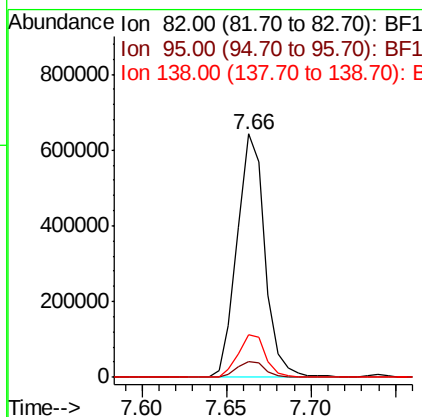
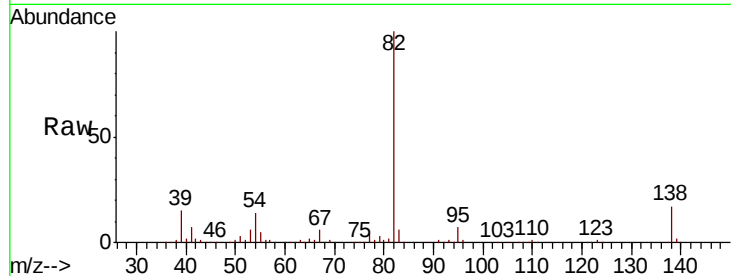




#25
Isophorone
Concen: 42.393 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

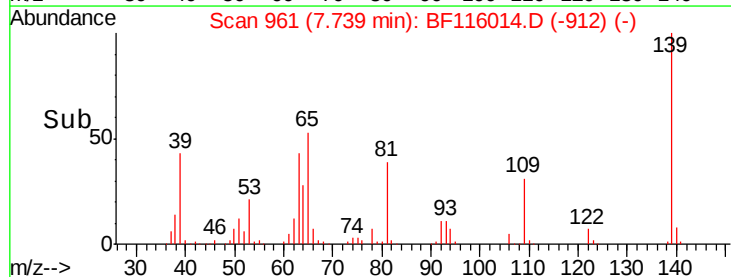
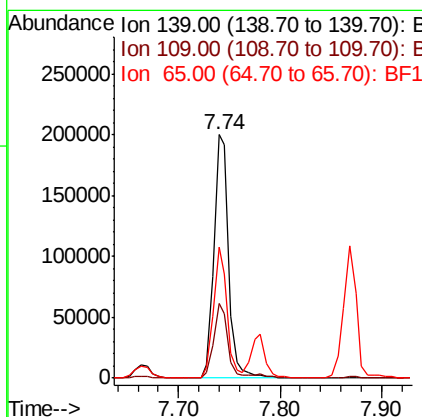
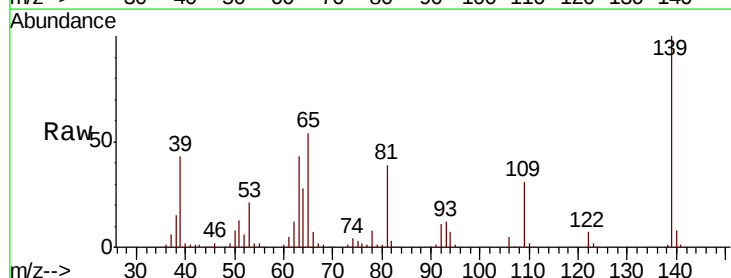
Instrument :
BNA_F
ClientSampleId :

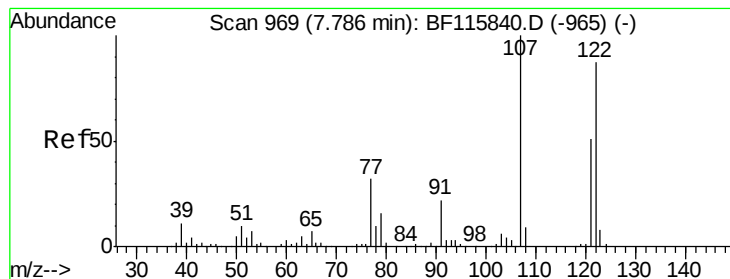
Tot Ion: 82 Resp: 739053
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 43.815 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion: 139 Resp: 203319
Ion Ratio Lower Upper
139 100
109 30.6 23.6 35.4
65 53.7 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 47.765 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

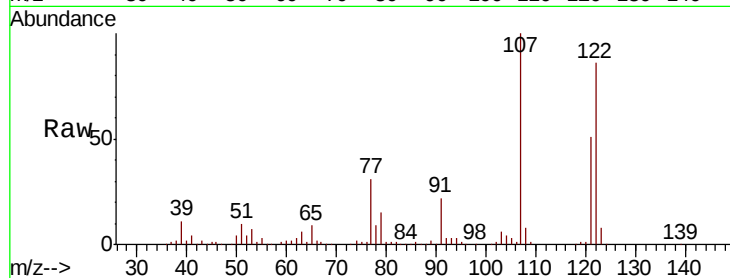
Tot Ion:122 Resp: 333472

Ion Ratio Lower Upper

122 100

107 116.1 91.7 137.5

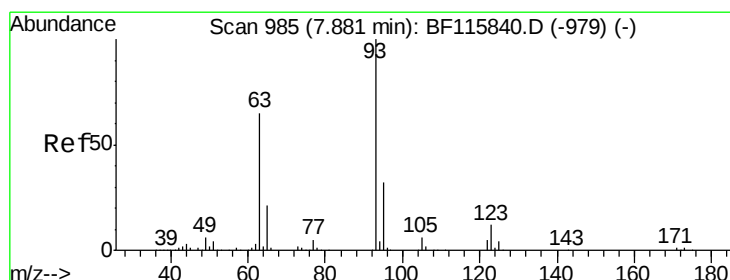
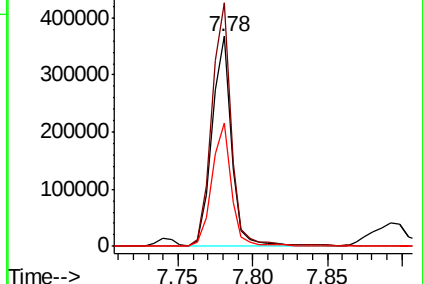
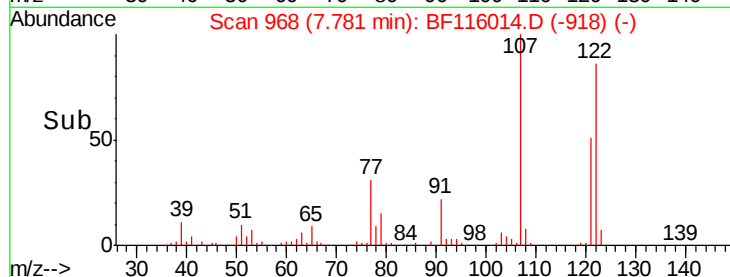
121 58.7 46.6 70.0



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: 41.720 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

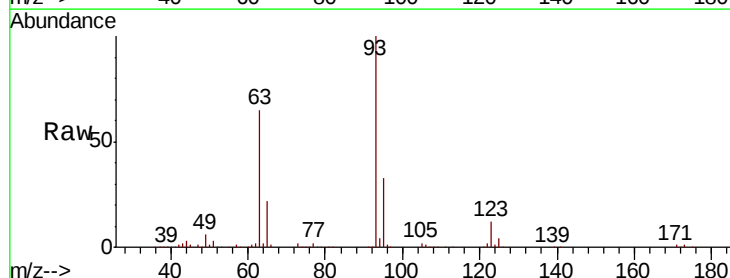
Tgt Ion: 93 Resp: 450804

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

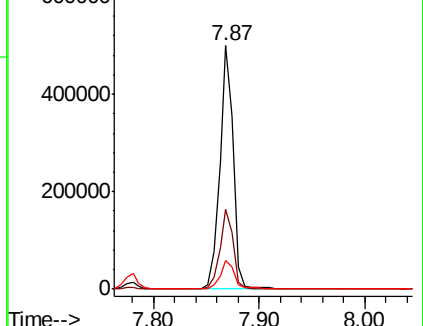
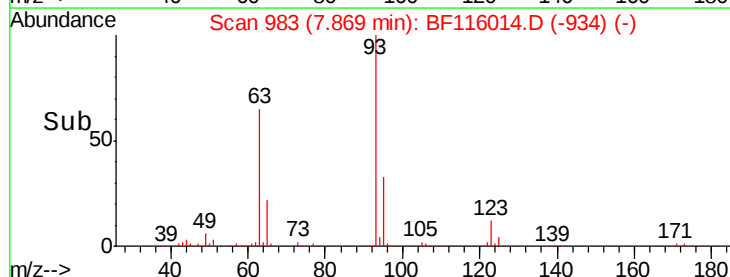
123 11.6 9.5 14.3



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

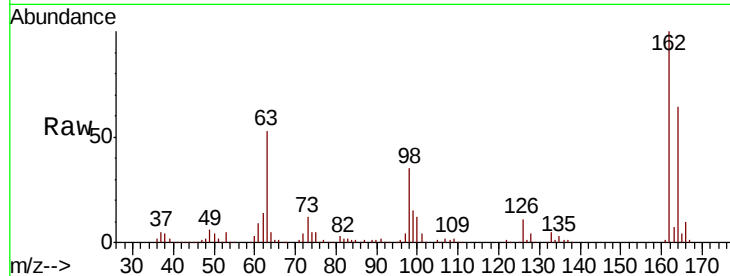




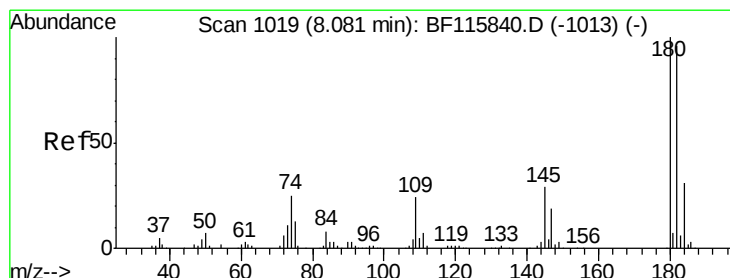
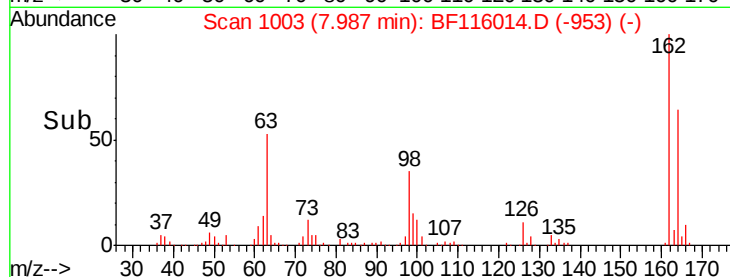
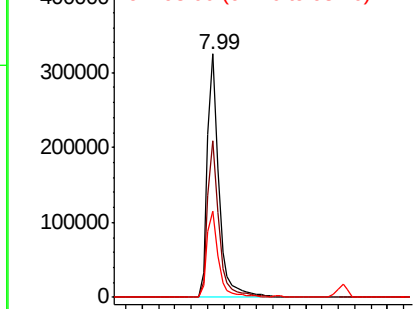
#29
2,4-Dichlorophenol
Concen: 43.574 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	35.2	17.3	57.3

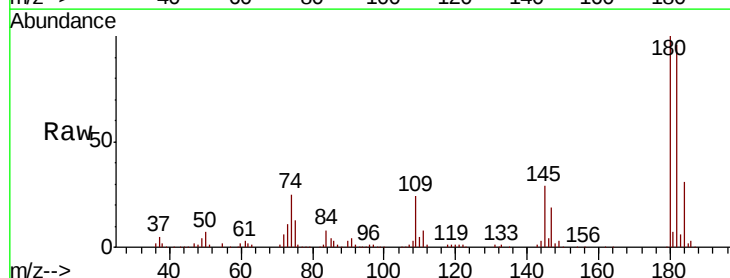


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

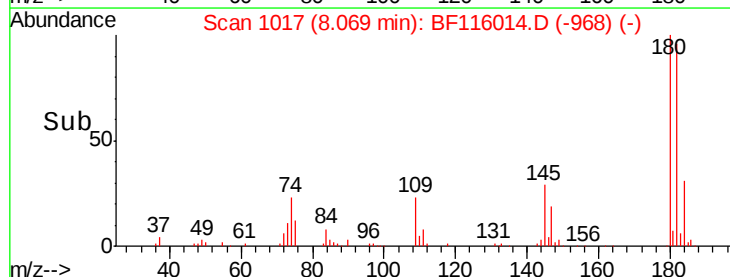
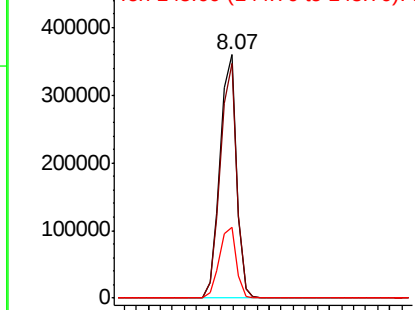


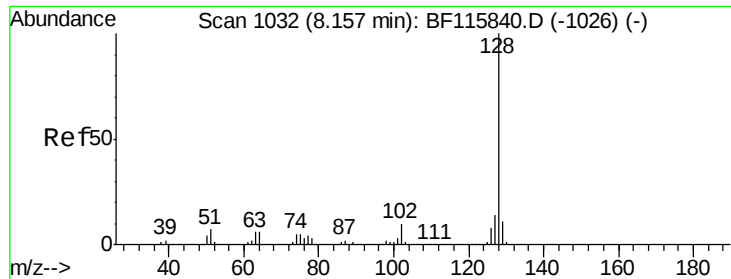
#30
1,2,4-Trichlorobenzene
Concen: 40.620 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	29.3	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

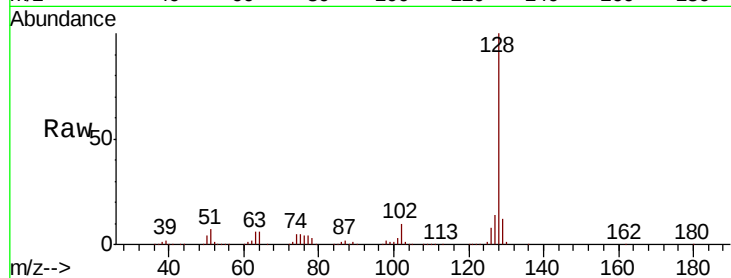




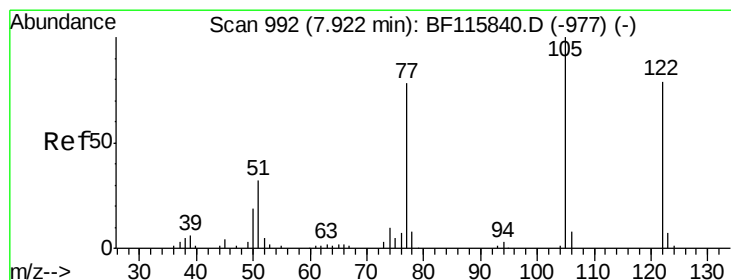
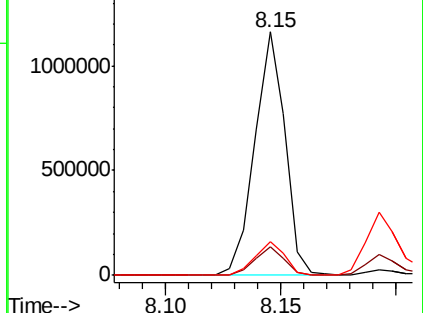
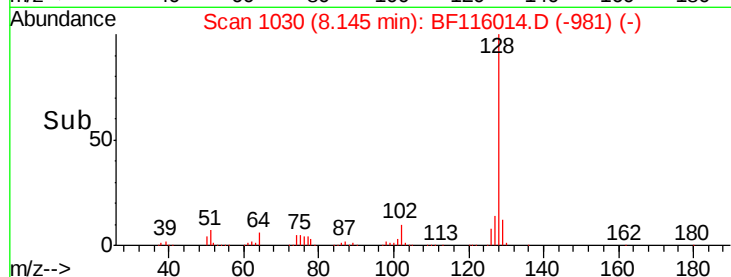
#31
Naphthalene
Concen: 42.994 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1064733
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 11.0 16.4

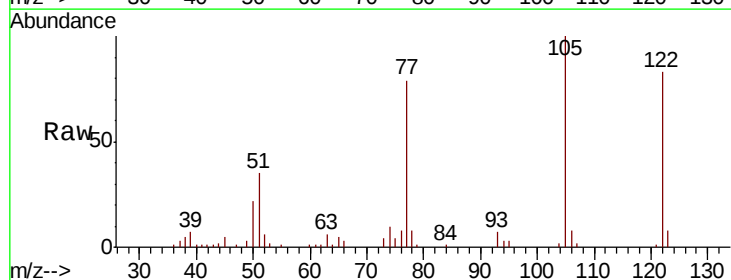


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

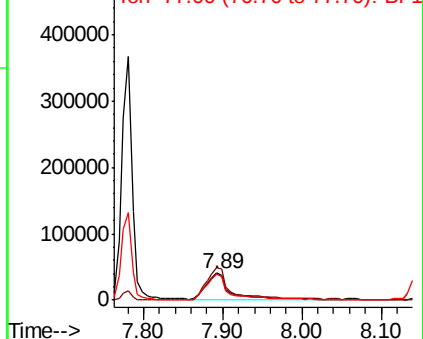
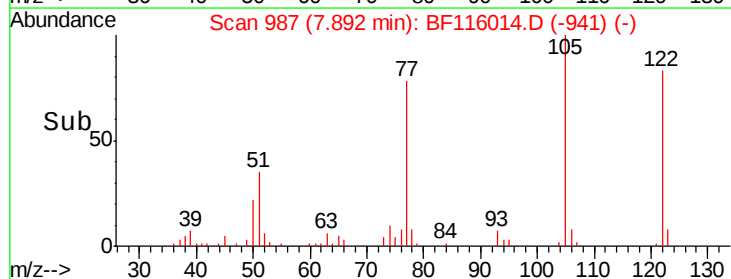


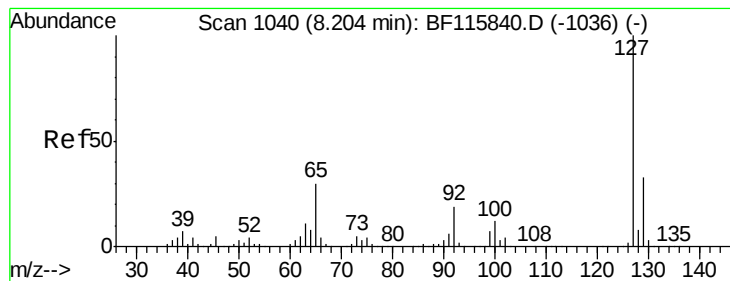
#32
Benzoic acid
Concen: 16.926 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:122 Resp: 83313
Ion Ratio Lower Upper
122 100
105 121.1 103.1 143.1
77 95.7 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 29.236 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 323499

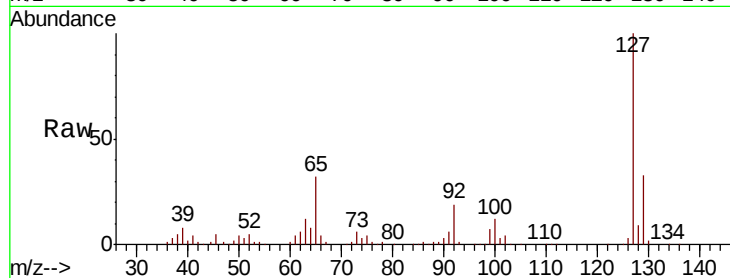
Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 32.0 23.9 35.9

92 18.8 14.9 22.3

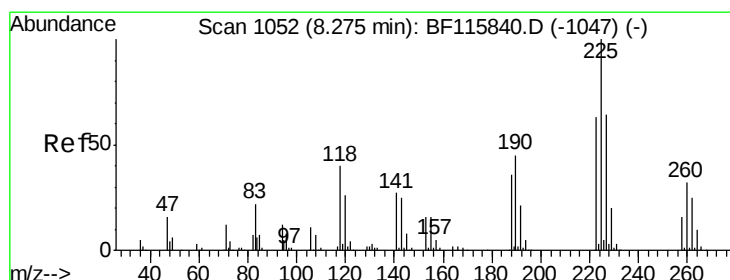
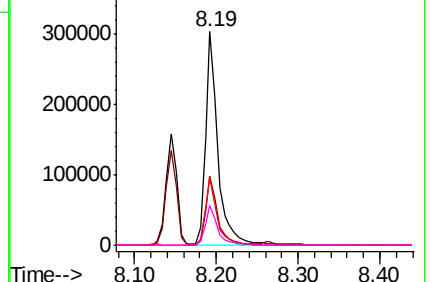
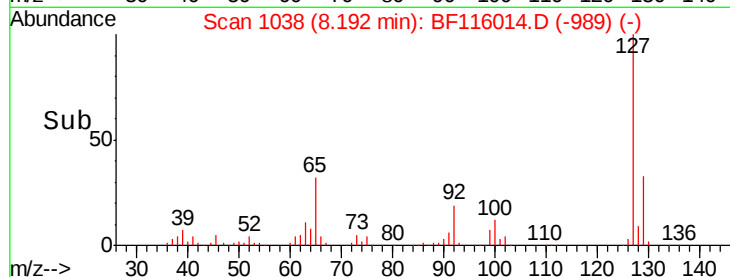


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.894 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

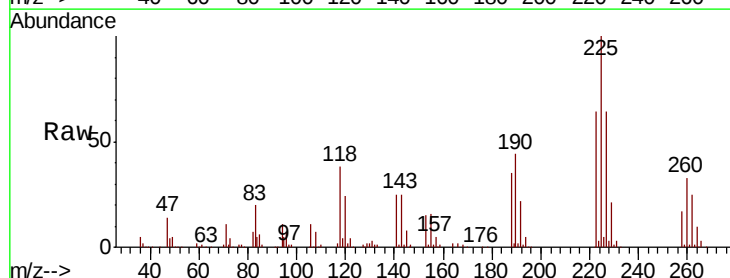
Tgt Ion:225 Resp: 193085

Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

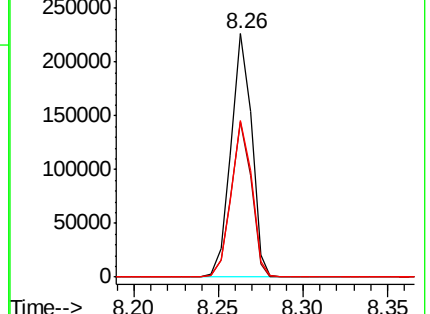
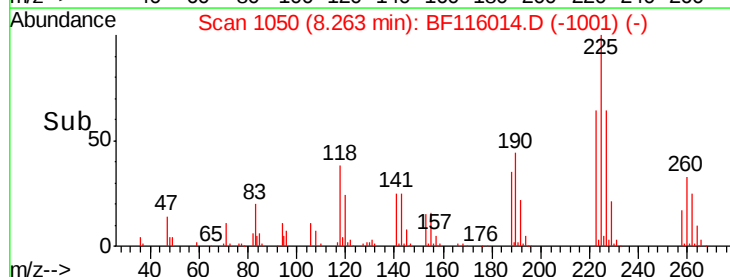
227 64.2 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

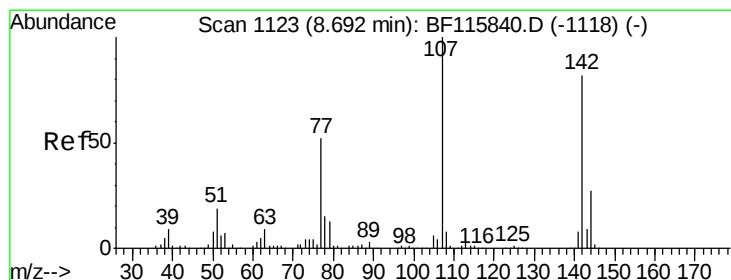
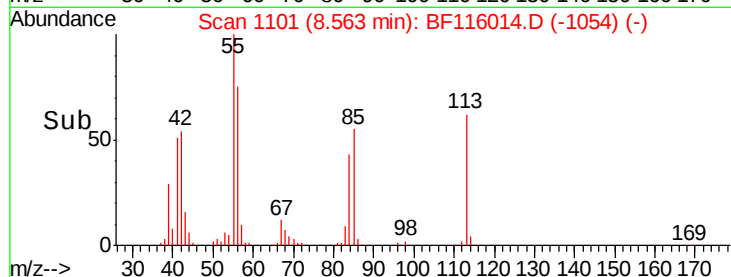
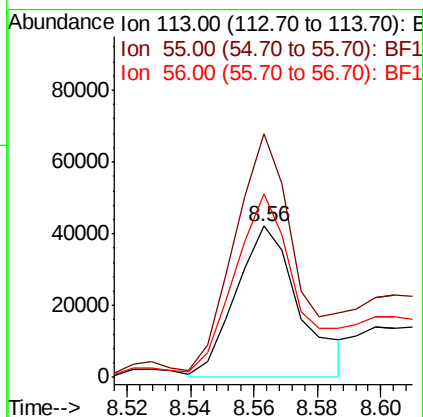
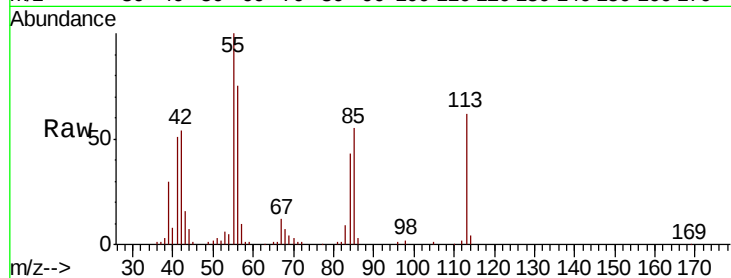




#35
 Caprolactam
 Concen: 24.580 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

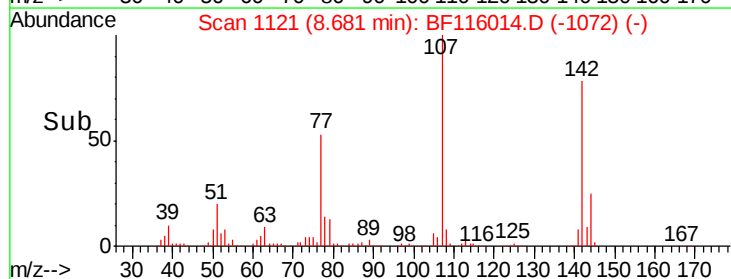
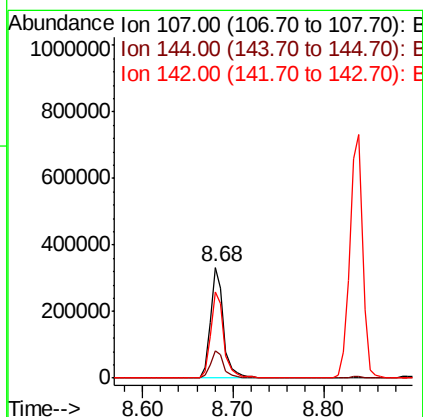
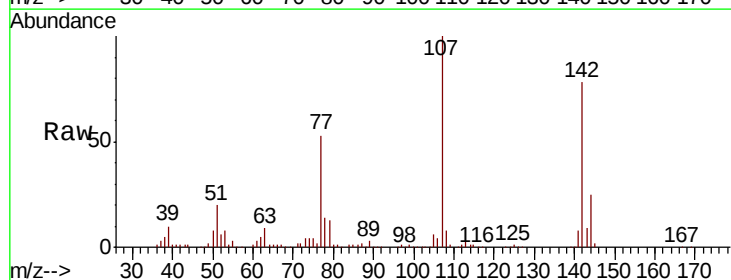
Instrument :
 BNA_F
 ClientSampleID :

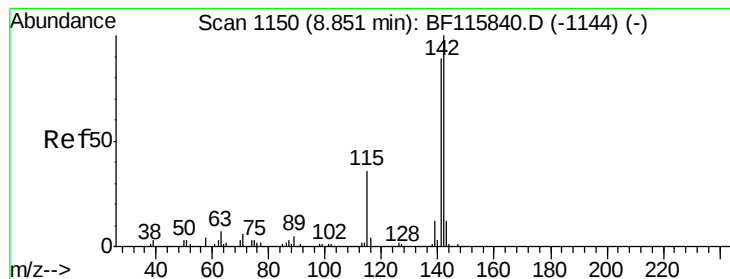
Tot Ion:113 Resp: 58602
 Ion Ratio Lower Upper
 113 100
 55 160.9 138.1 178.1
 56 121.0 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.206 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:107 Resp: 339001
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 78.5 65.5 98.3





#37

2-Methylnaphthalene

Concen: 43.861 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampled :

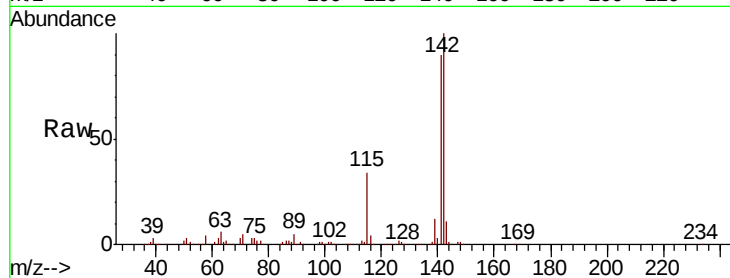
Tot Ion:142 Resp: 715363

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

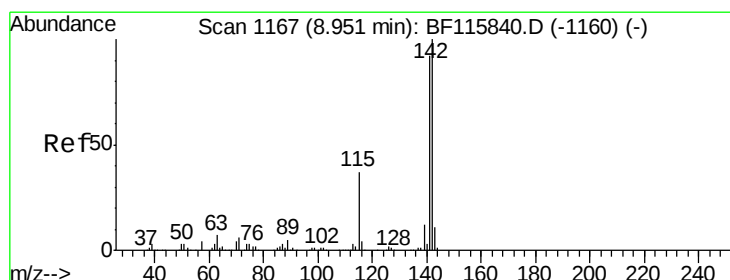
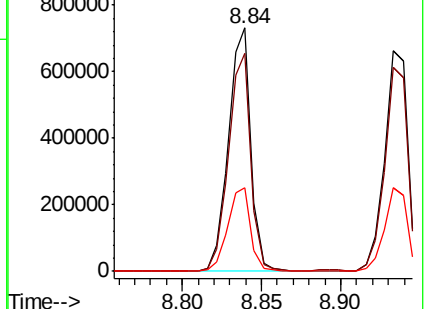
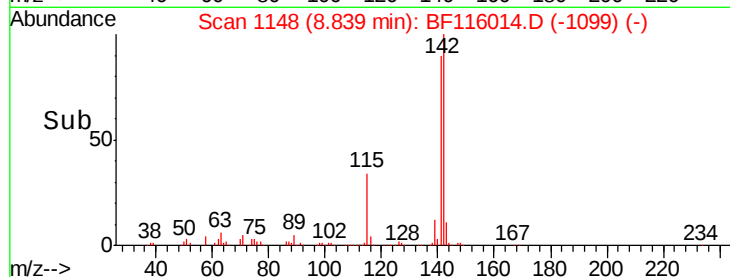
115 34.2 28.9 43.3



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: 43.278 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

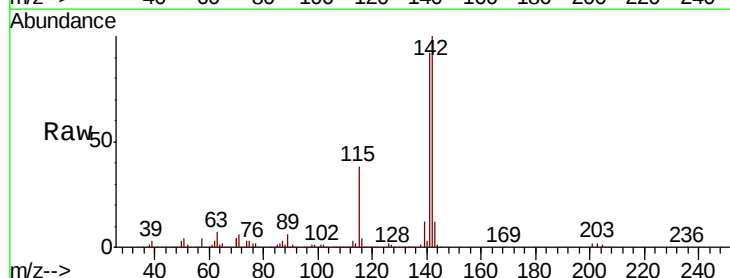
Tgt Ion:142 Resp: 667772

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

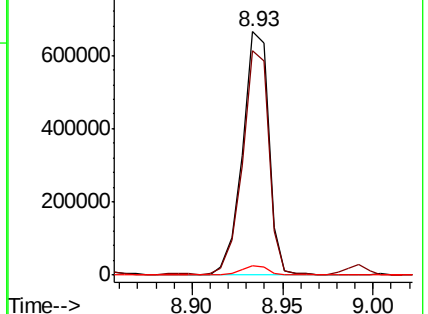
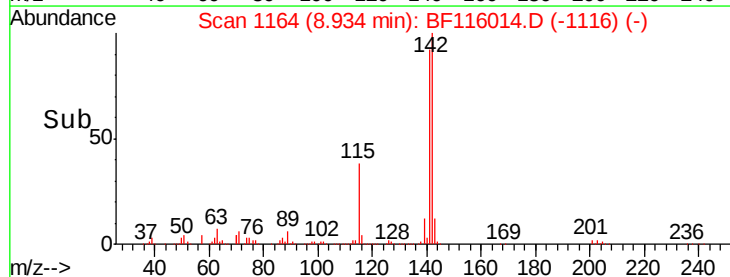
116 4.0 3.1 4.7

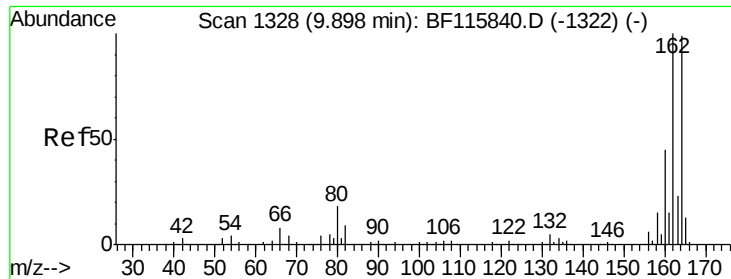


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

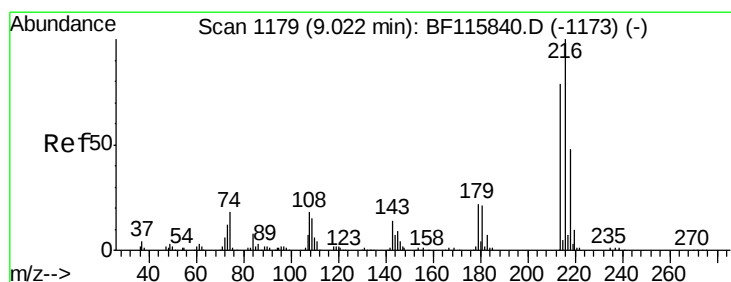
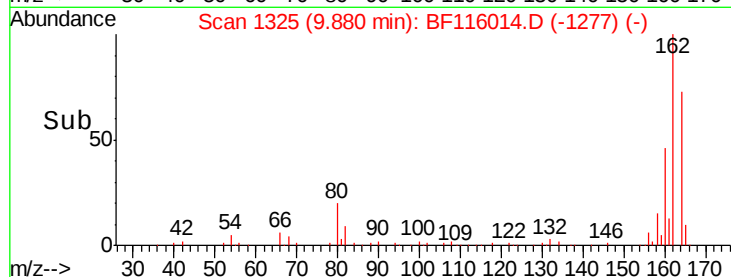
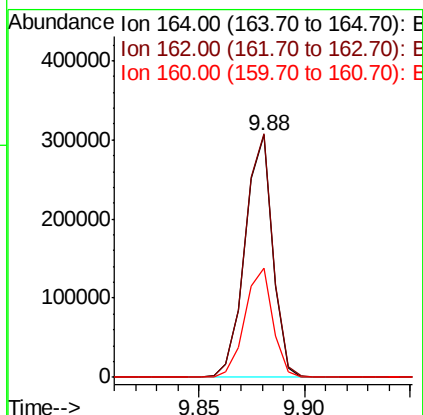
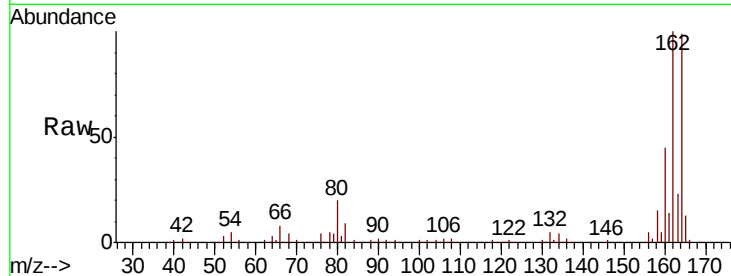




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

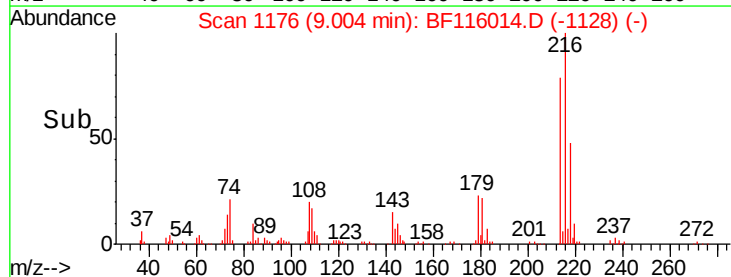
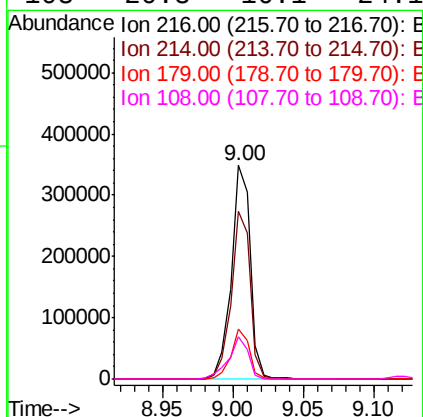
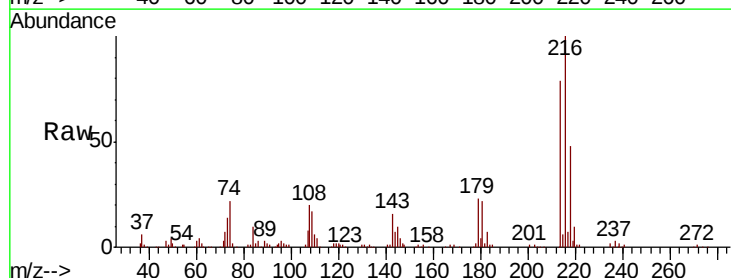
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 278059
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.8 121.2
 160 45.2 36.2 54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.689 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:216 Resp: 324765
 Ion Ratio Lower Upper
 216 100
 214 78.7 62.8 94.2
 179 22.2 17.6 26.4
 108 20.8 16.1 24.1





#41

Hexachlorocyclopentadiene

Concen: 52.245 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampled :

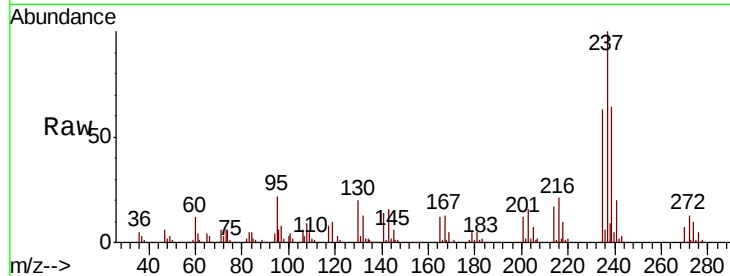
Tot Ion:237 Resp: 166947

Ion Ratio Lower Upper

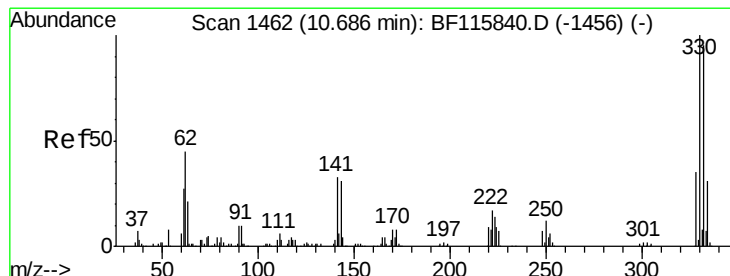
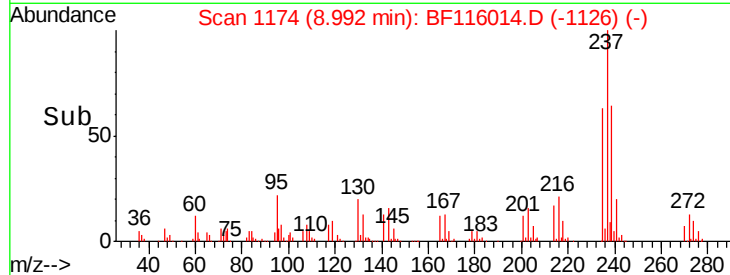
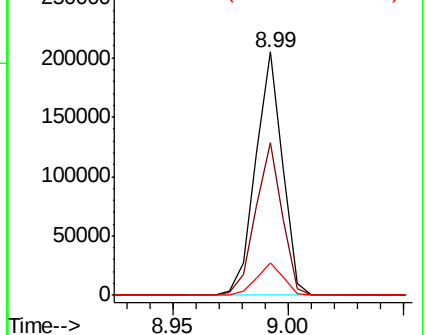
237 100

235 62.7 42.5 82.5

272 13.5 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: 124.692 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

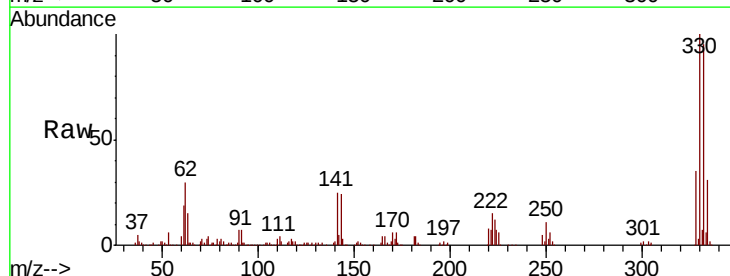
Tgt Ion:330 Resp: 336153

Ion Ratio Lower Upper

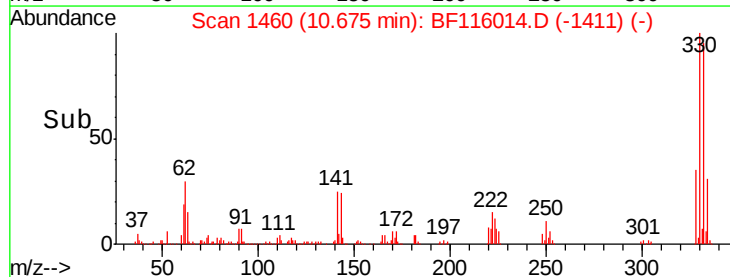
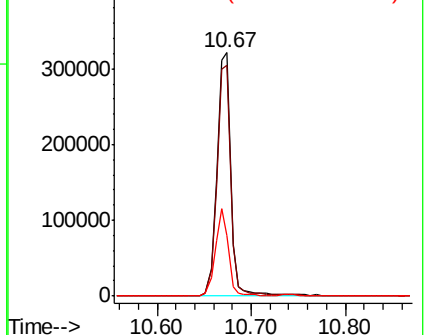
330 100

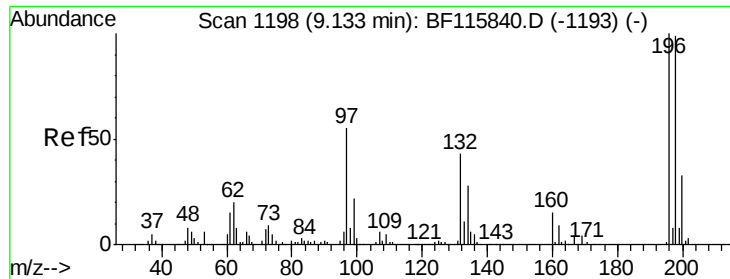
332 95.7 77.7 116.5

141 34.1 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

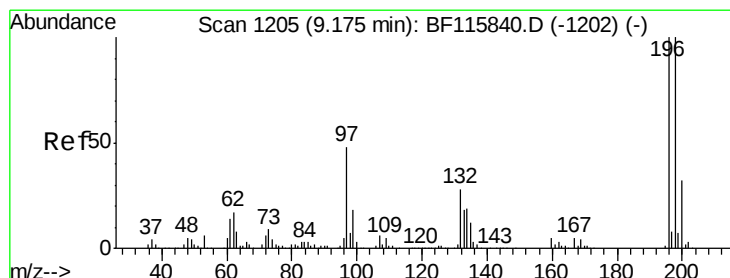
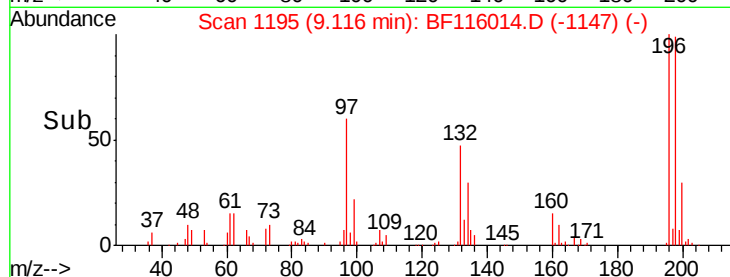
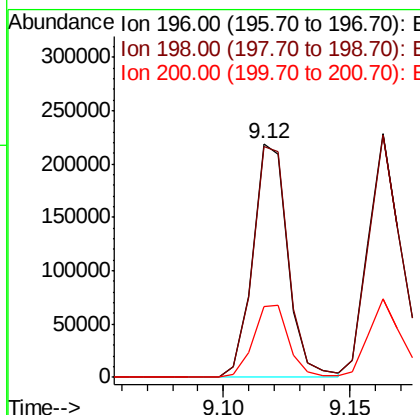
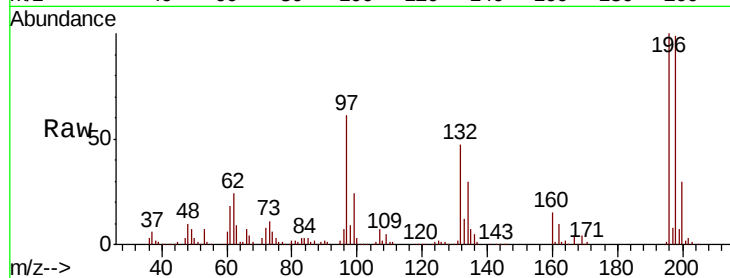




#43
 2,4,6-Trichlorophenol
 Concen: 41.459 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

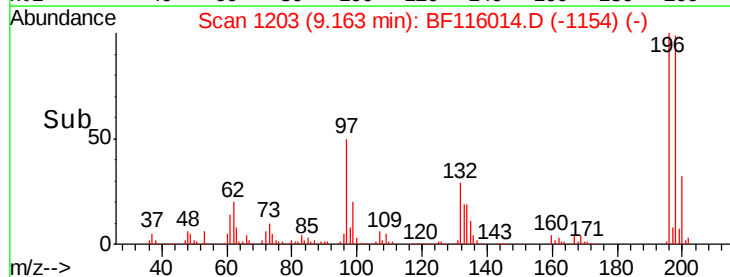
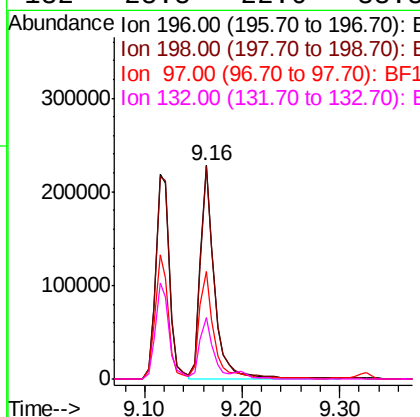
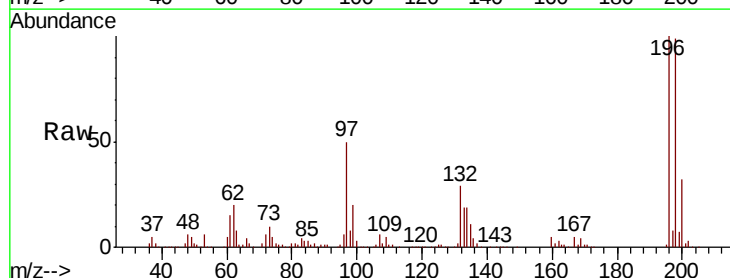
Instrument :
 BNA_F
 ClientSampled :

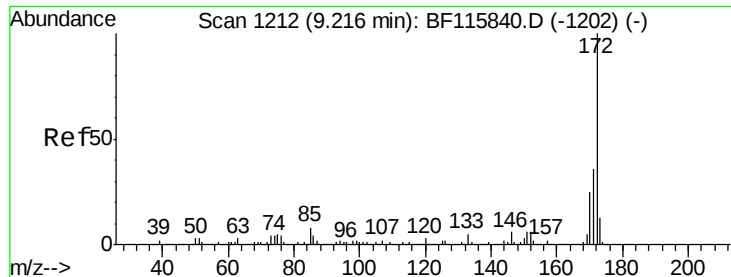
Tot Ion	196	Resp	212133
Ion Ratio	Lower	Upper	
196	100		
198	98.7	79.1	118.7
200	30.3	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.855 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion	196	Resp	226665
Ion Ratio	Lower	Upper	
196	100		
198	99.4	80.1	120.1
97	50.3	38.9	58.3
132	28.8	22.6	33.8

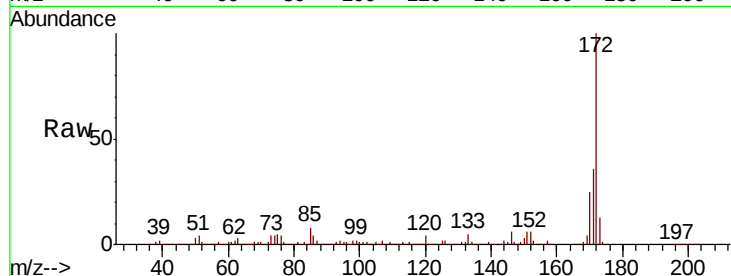




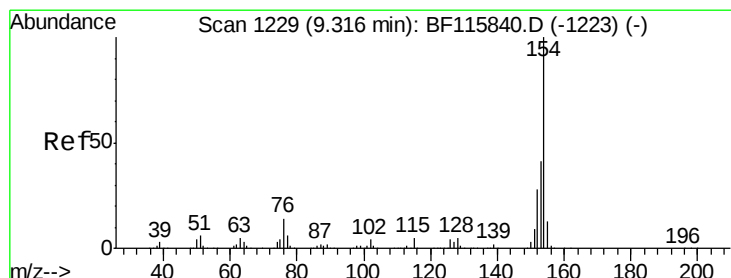
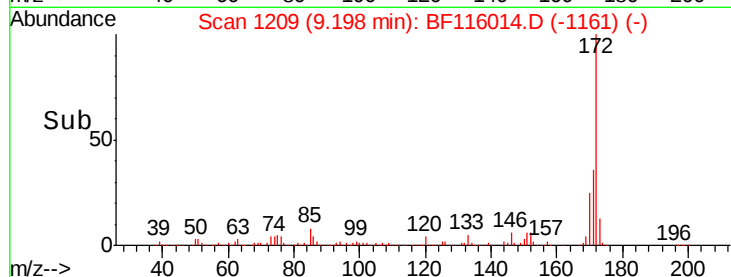
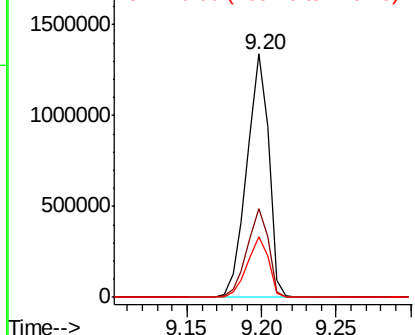
#45
2-Fluorobiphenyl
Concen: 91.334 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1355863
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.7 20.1 30.1

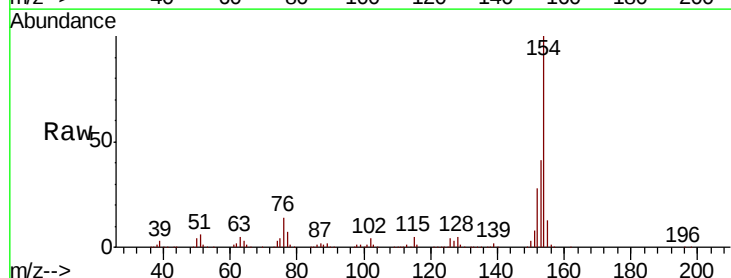


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

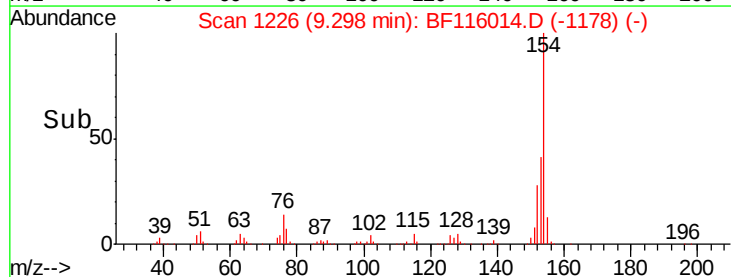
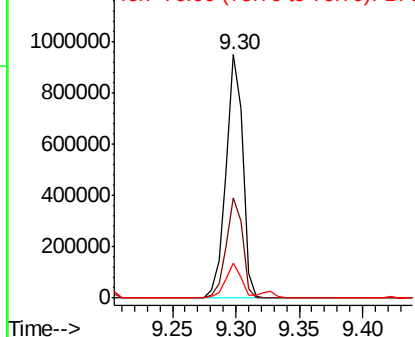


#46
1,1'-Biphenyl
Concen: 44.236 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:154 Resp: 868391
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 14.3 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

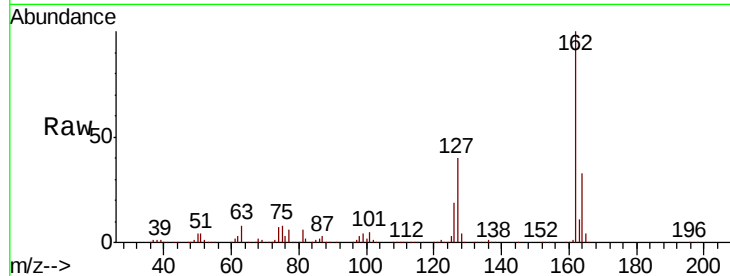




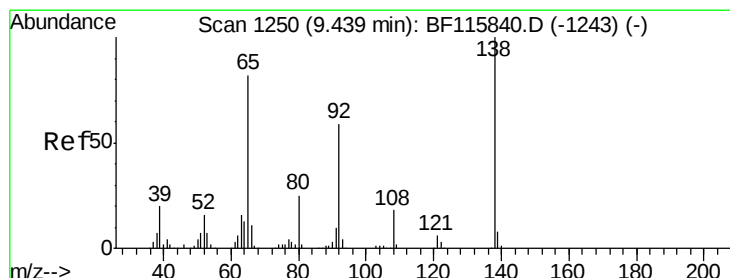
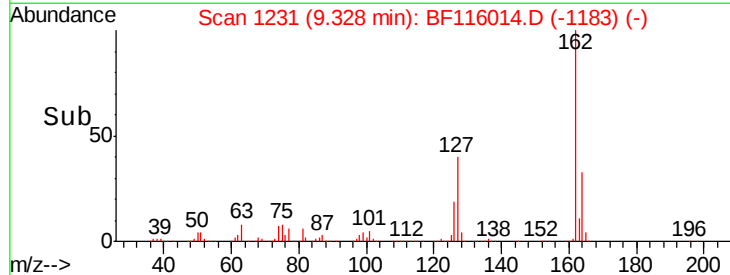
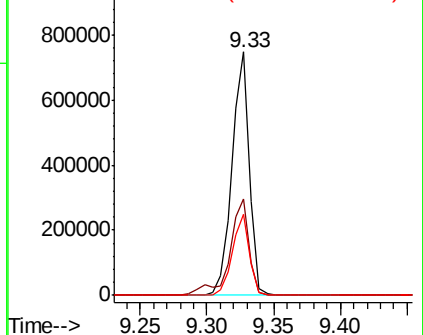
#47
 2-Chloronaphthalene
 Concen: 41.943 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	685286
Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.3	46.9
164	33.1	26.6	40.0

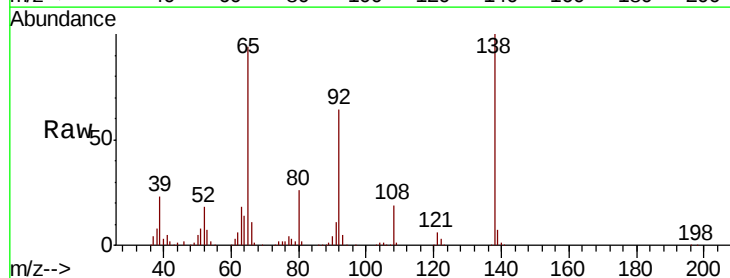


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

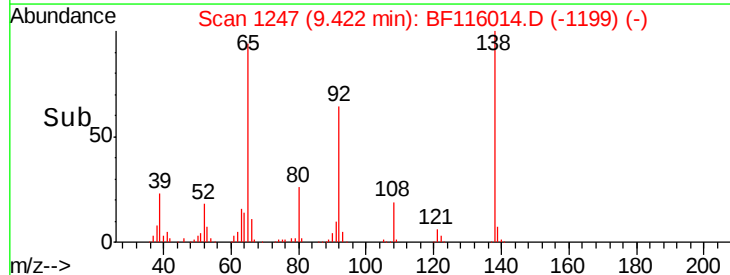
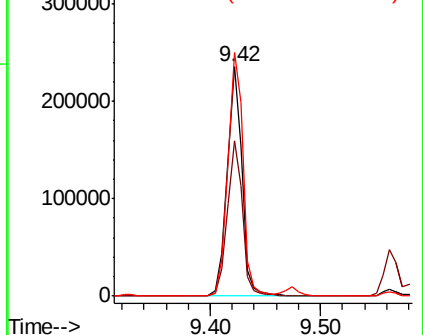


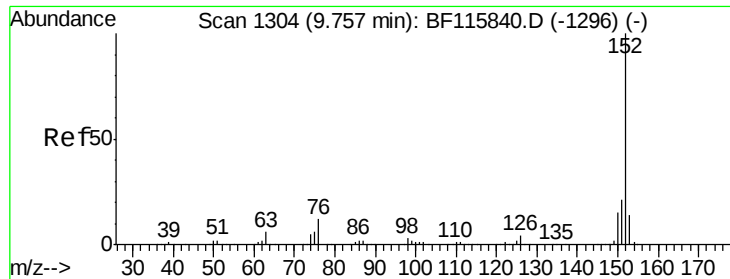
#48
 2-Nitroaniline
 Concen: 41.198 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:	65	Resp:	222493
Ion	Ratio	Lower	Upper
65	100		
92	67.9	57.1	85.7
138	106.3	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: 44.143 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampled :

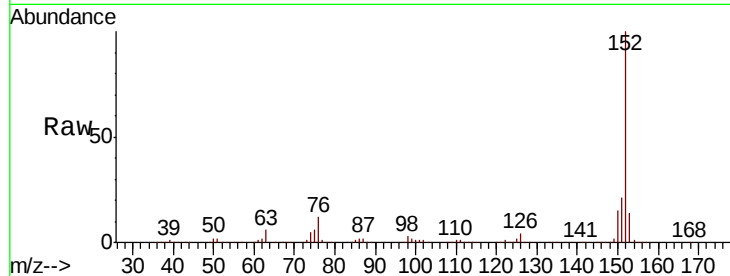
Tot Ion:152 Resp: 1052226

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

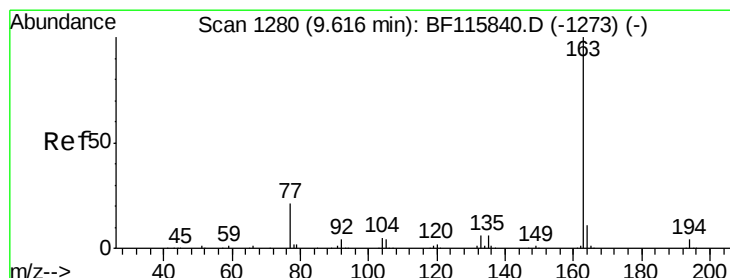
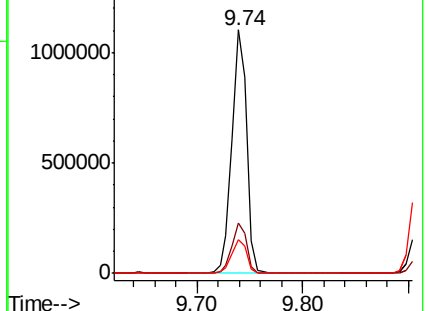
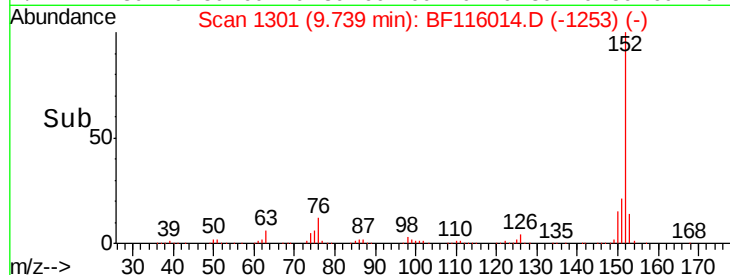
153 14.0 11.6 17.4



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: 49.362 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

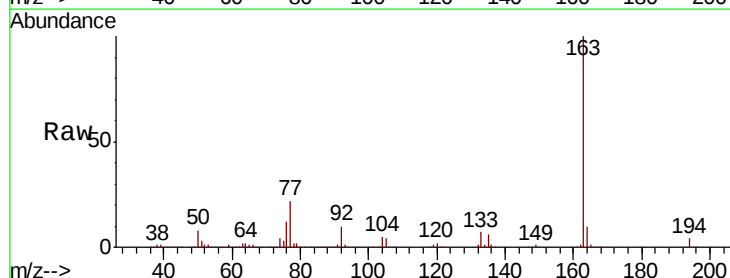
Tgt Ion:163 Resp: 934557

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

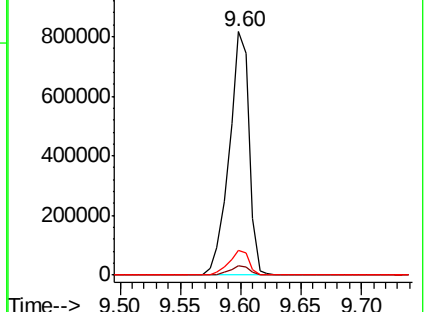
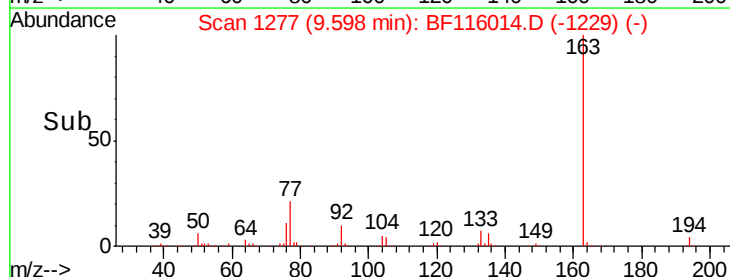
164 10.4 8.4 12.6



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

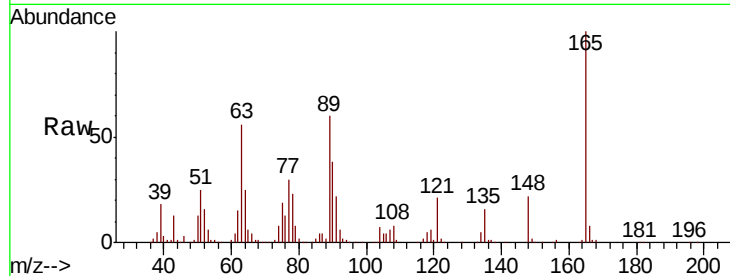




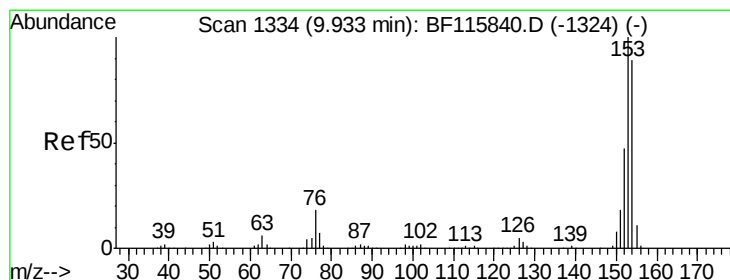
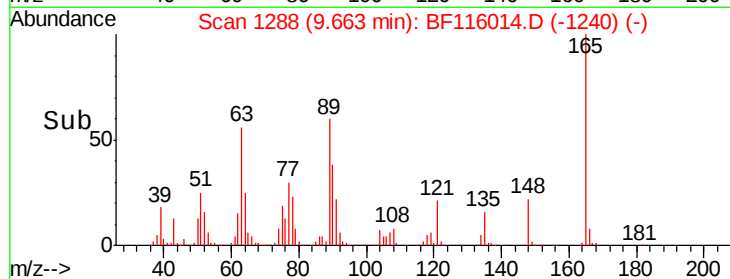
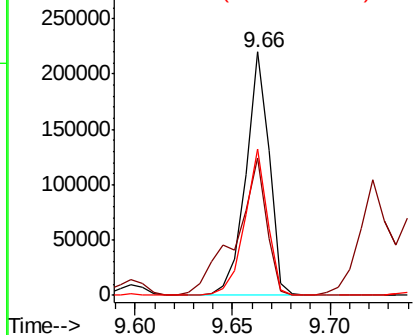
#51
 2,6-Dinitrotoluene
 Concen: 44.417 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 182751
 Ion Ratio Lower Upper
 165 100
 63 56.2 39.4 59.2
 89 59.9 43.0 64.6

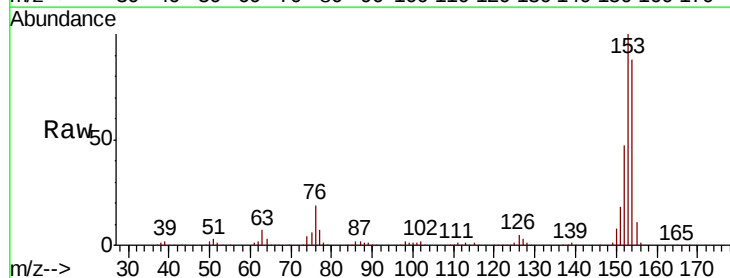


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

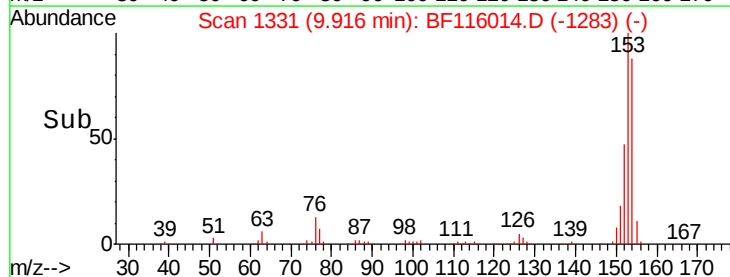
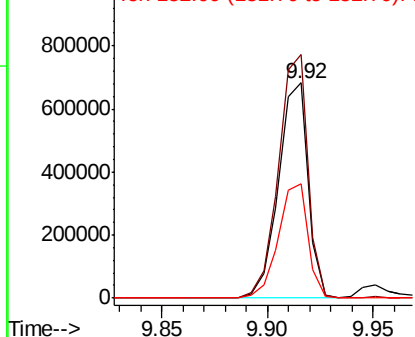


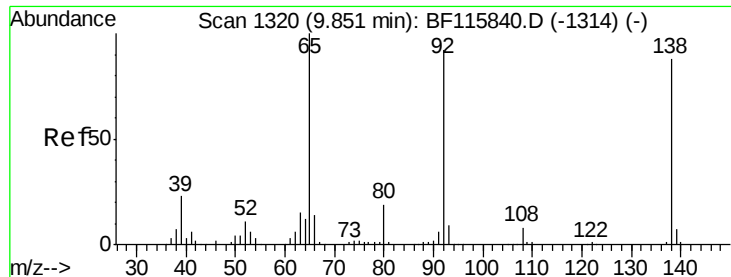
#52
 Acenaphthene
 Concen: 45.565 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:154 Resp: 666319
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.1 135.1
 152 53.3 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

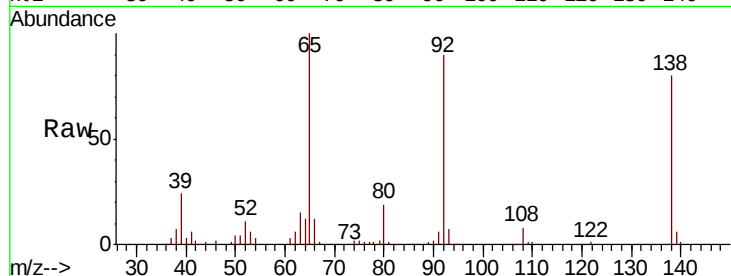




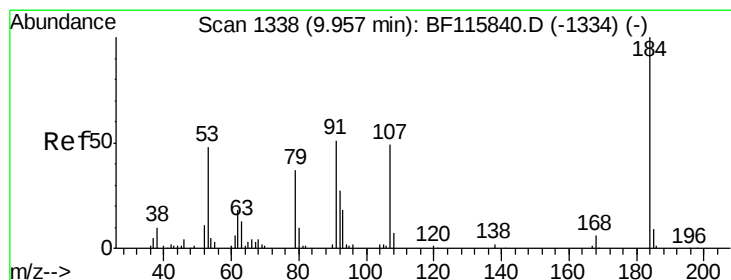
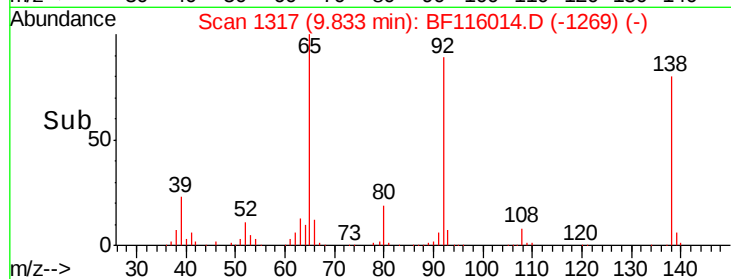
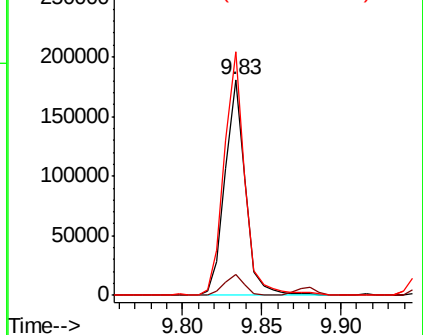
#53
3-Nitroaniline
Concen: 31.818 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 161760
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 113.0 83.9 125.9

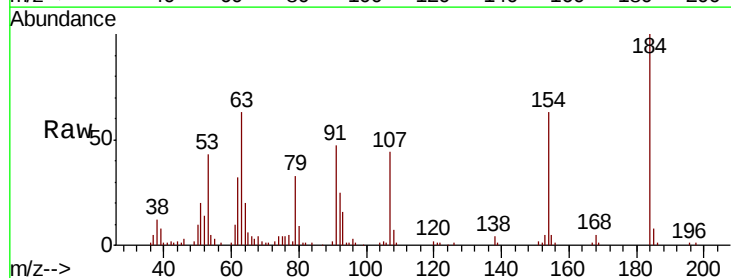


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

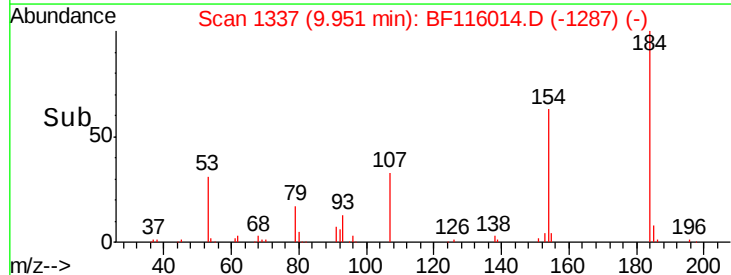
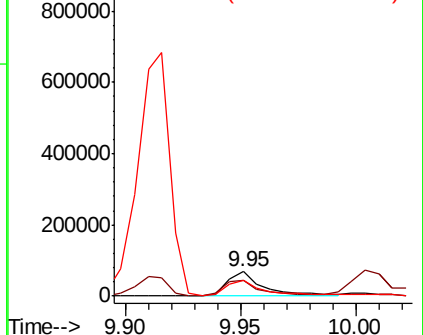


#54
2,4-Dinitrophenol
Concen: 40.351 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:184 Resp: 75461
Ion Ratio Lower Upper
184 100
63 62.5 56.7 85.1
154 62.9 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

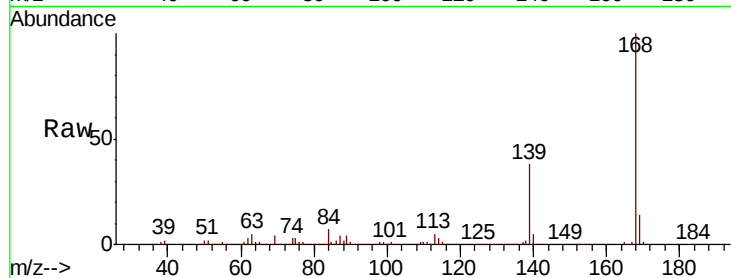




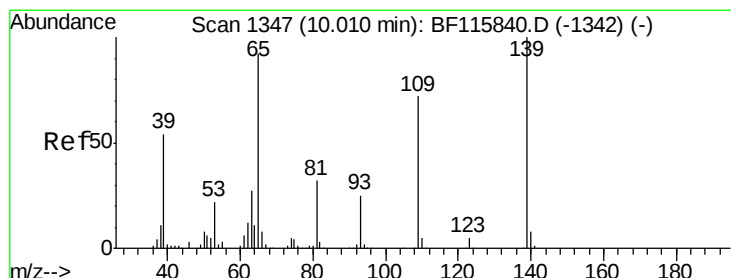
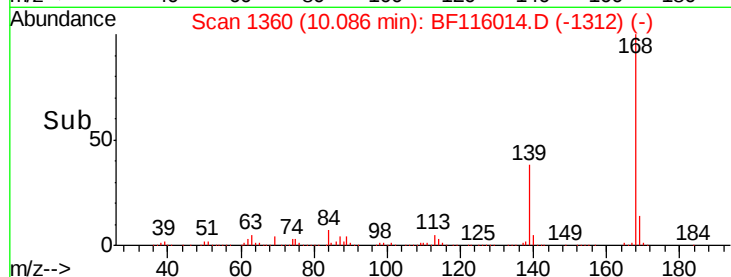
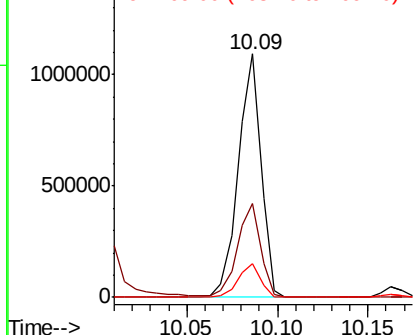
#55
Dibenzofuran
Concen: 45.057 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 958190
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.2
169 13.9 10.8 16.2

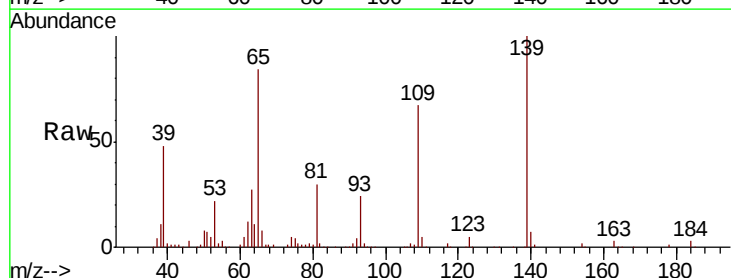


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

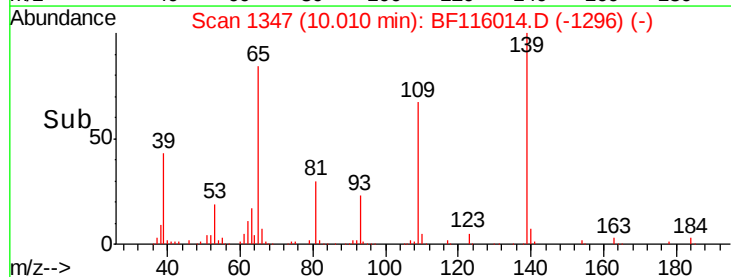
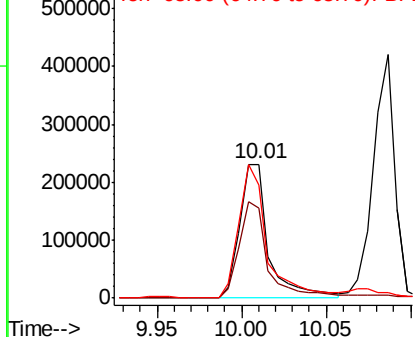


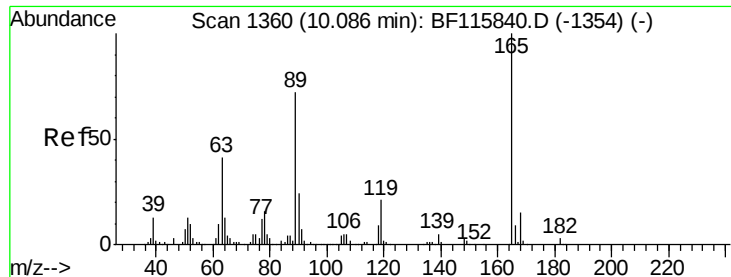
#56
4-Nitrophenol
Concen: 84.951 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:139 Resp: 276663
Ion Ratio Lower Upper
139 100
109 67.4 52.0 92.0
65 84.3 72.6 112.6



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





#57

2,4-Dinitrotoluene

Concen: 43.091 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 236050

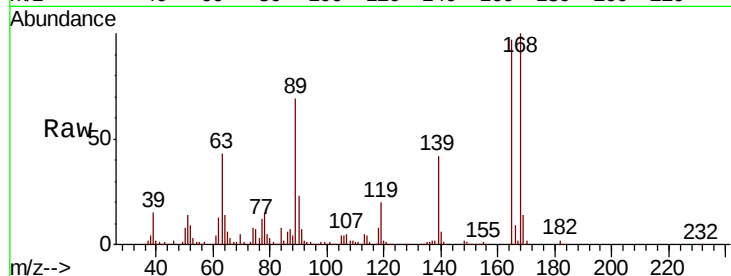
Ion Ratio Lower Upper

165 100

63 44.2 33.2 49.8

89 71.8 57.3 85.9

182 2.4 2.1 3.1

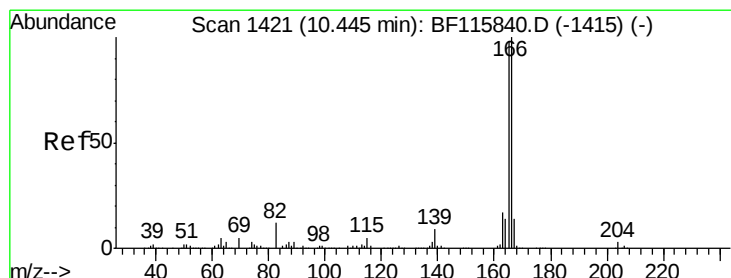
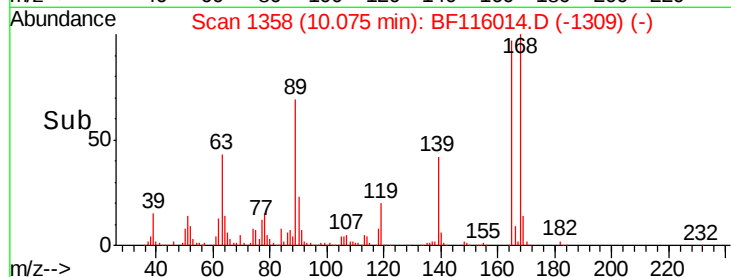
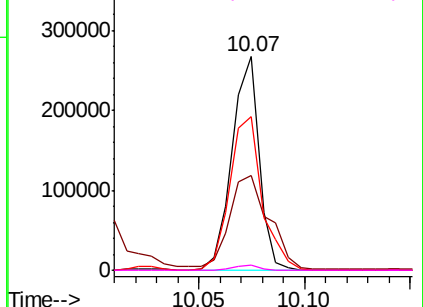


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.744 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

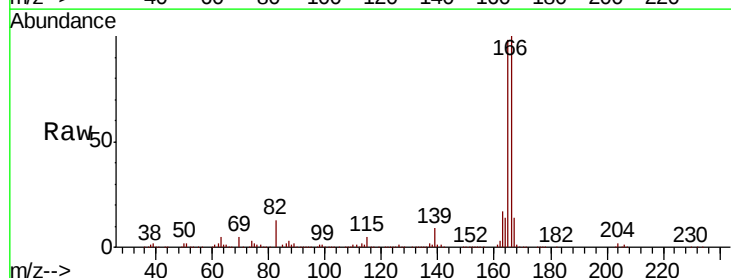
Tgt Ion:166 Resp: 764816

Ion Ratio Lower Upper

166 100

165 97.6 78.6 118.0

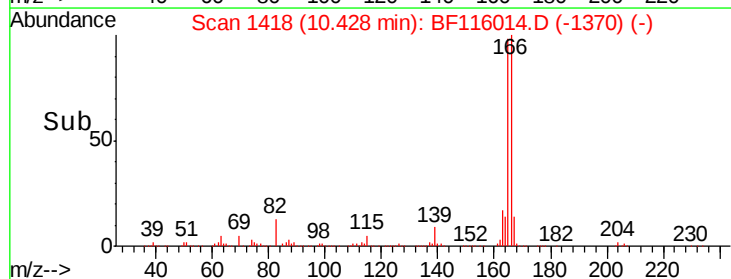
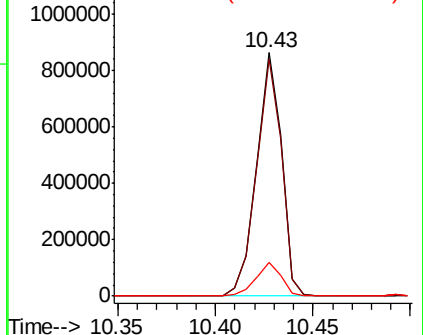
167 13.6 10.9 16.3



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

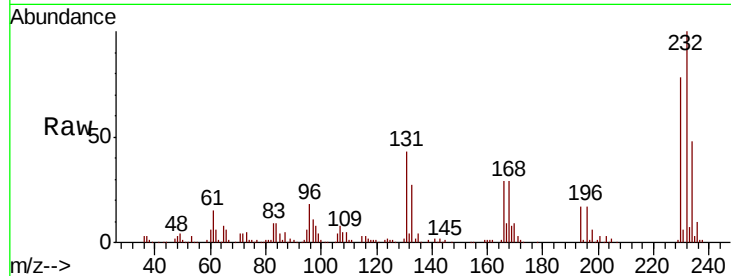




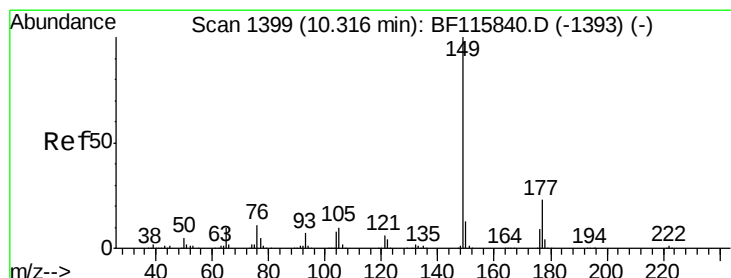
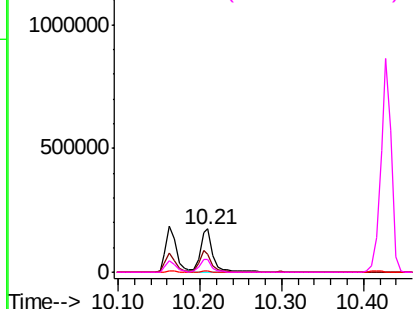
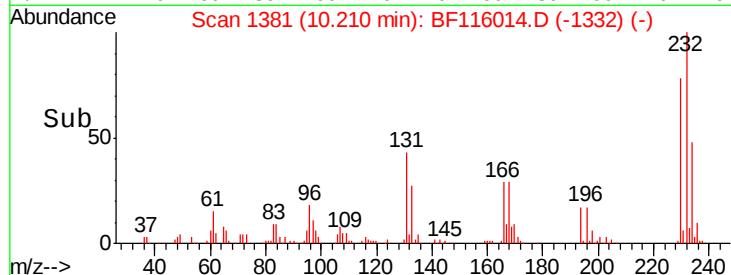
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.989 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 186842
 Ion Ratio Lower Upper
 232 100
 131 45.8 37.6 56.4
 130 2.4 1.8 2.8
 166 29.6 24.6 37.0

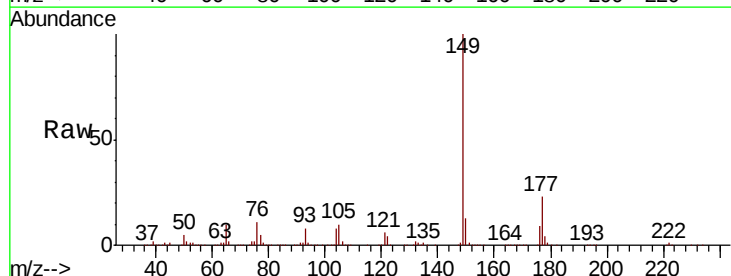


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

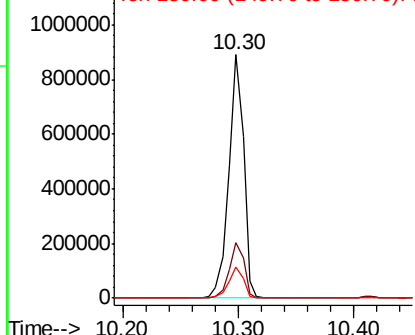
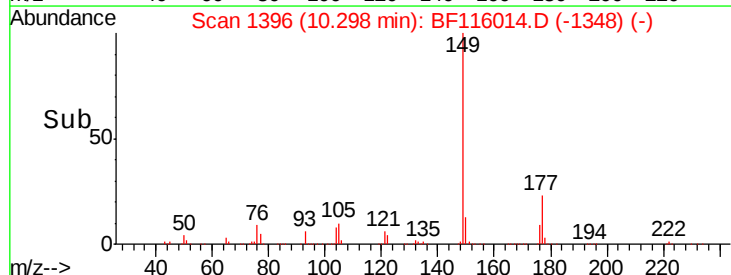


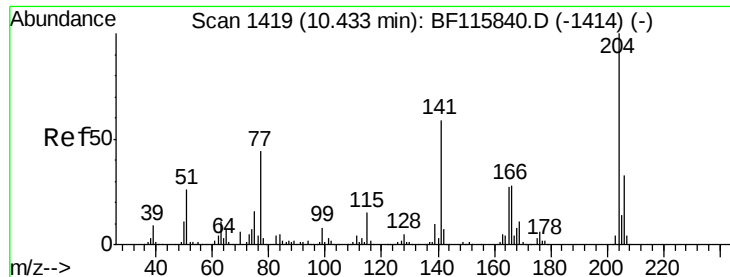
#60
 Diethylphthalate
 Concen: 44.756 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:149 Resp: 791108
 Ion Ratio Lower Upper
 149 100
 177 23.0 18.4 27.6
 150 13.0 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

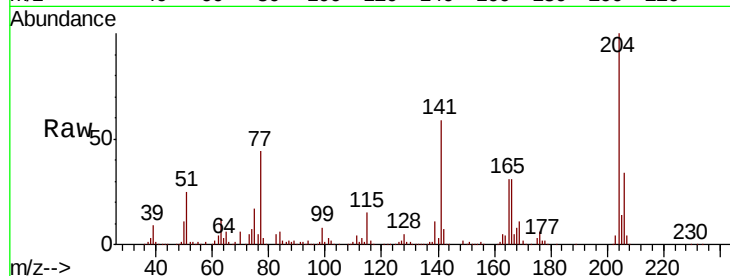




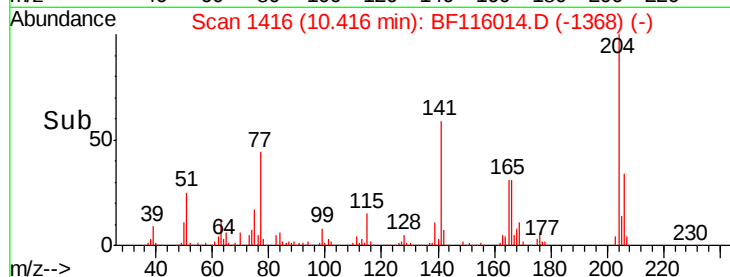
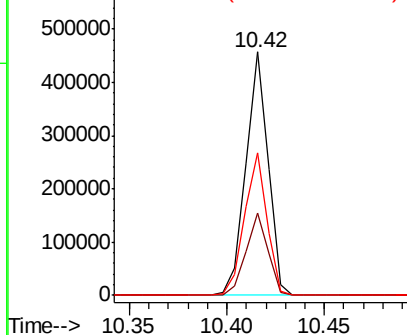
#61
 4-Chlorophenyl-phenylether
 Concen: 43.450 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	204	Resp:	360046
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.4	39.6
141	58.6	47.0	70.4

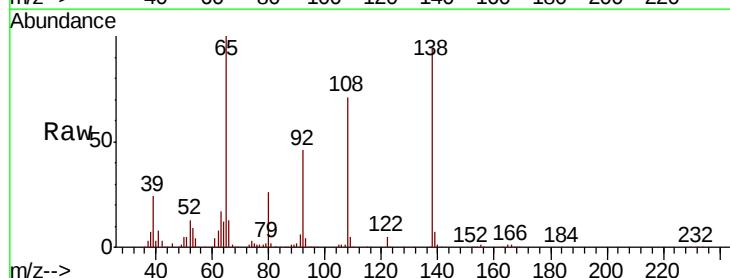


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

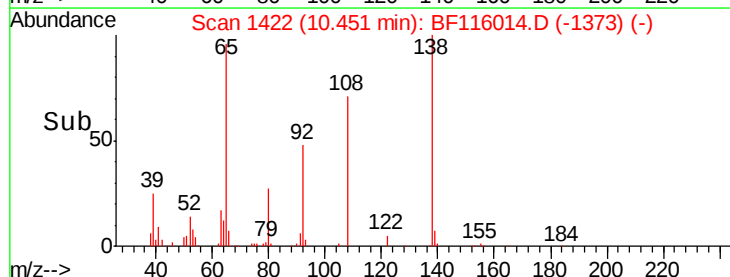
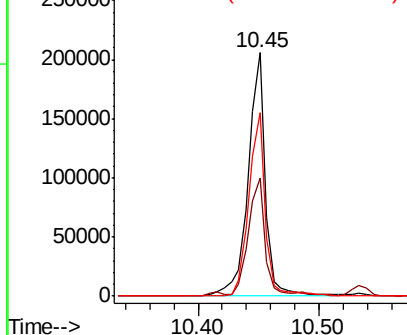


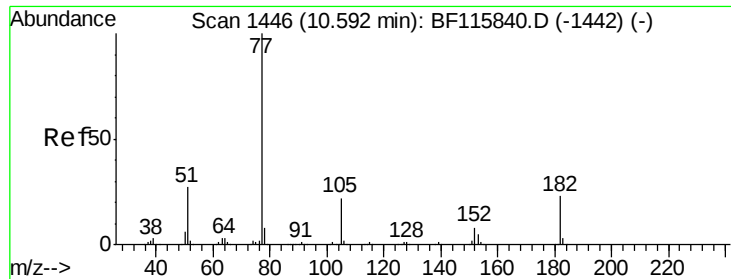
#62
 4-Nitroaniline
 Concen: 39.215 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:	138	Resp:	206030
Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.0	71.0
108	75.4	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

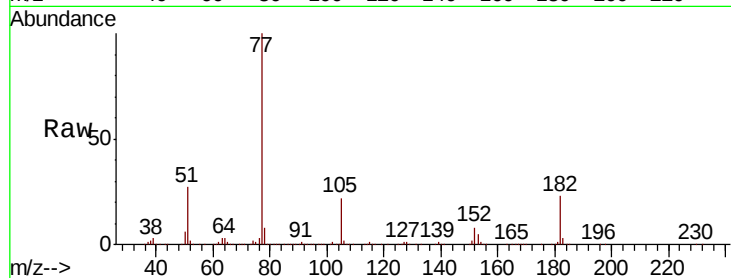




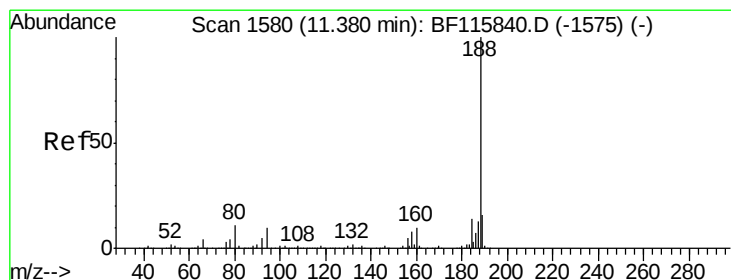
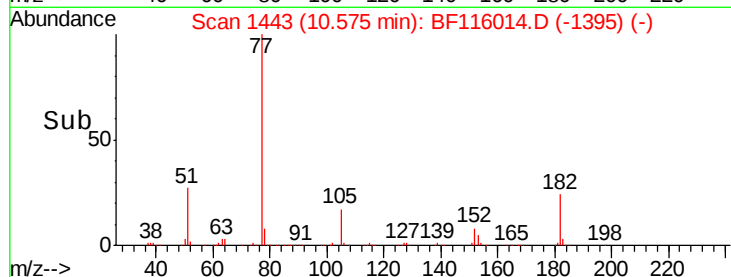
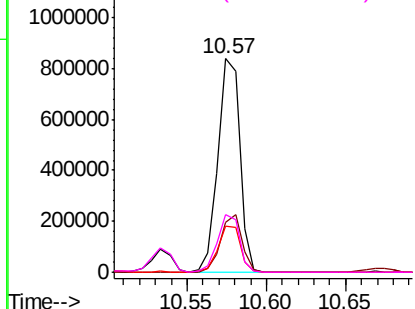
#63
Azobenzene
Concen: 44.284 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	805124
Ion	Ratio	Lower	Upper
77	100		
182	23.4	2.6	42.6
105	21.9	1.6	41.6
51	27.2	7.4	47.4

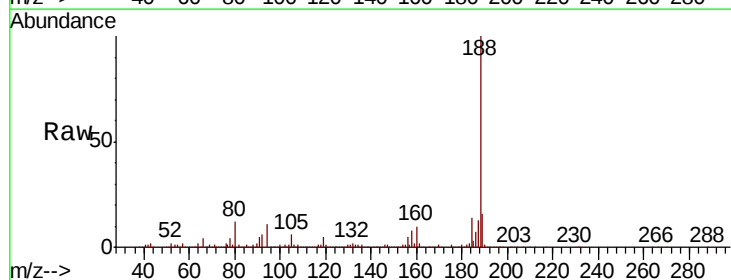


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

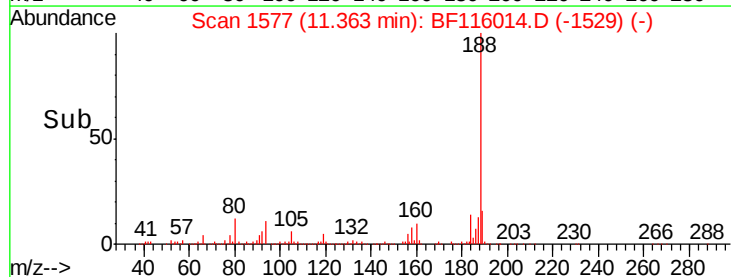
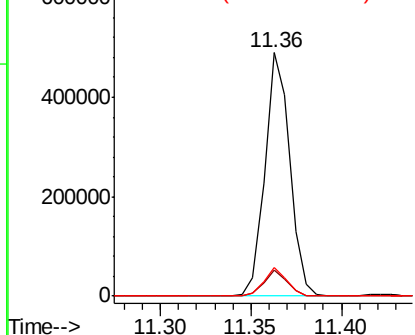


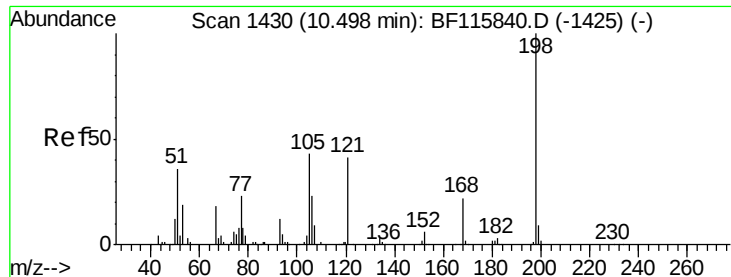
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:	188	Resp:	467904
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.0	12.0
80	11.7	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: 32.874 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

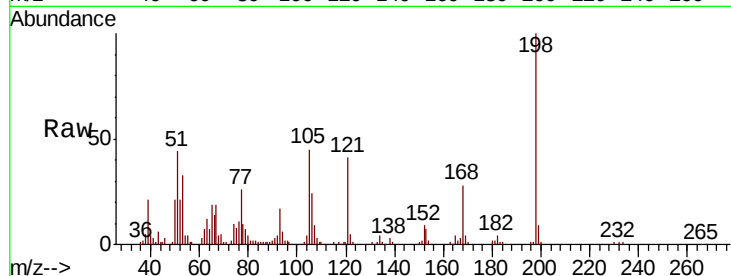
Tot Ion:198 Resp: 81514

Ion Ratio Lower Upper

198 100

51 43.6 21.1 61.1

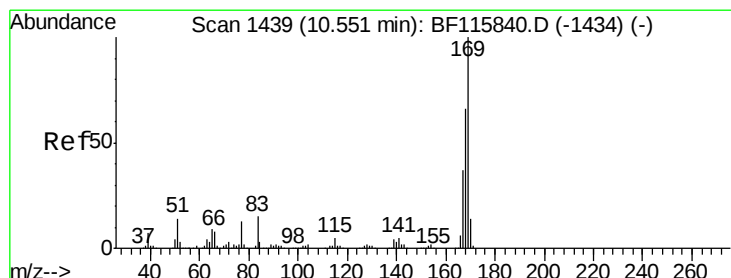
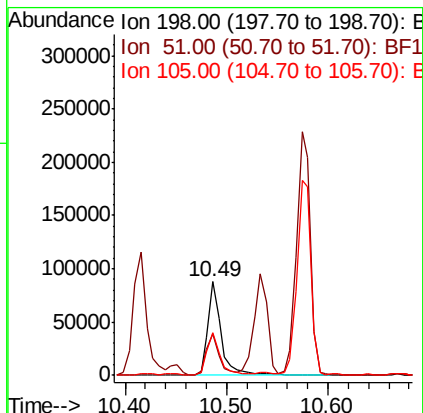
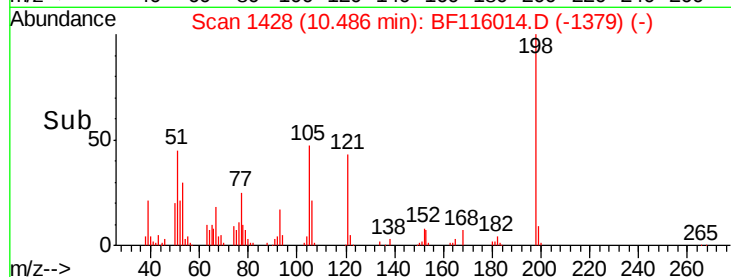
105 45.5 24.5 64.5



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: 46.319 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

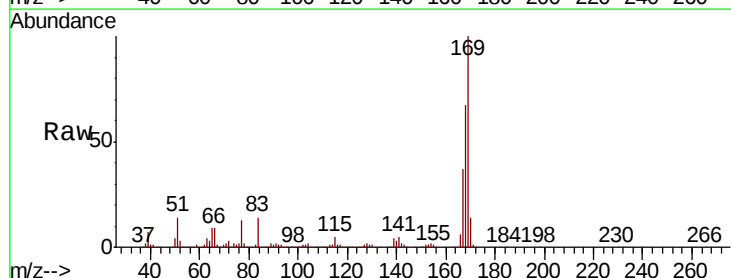
Tgt Ion:169 Resp: 652325

Ion Ratio Lower Upper

169 100

168 66.7 53.0 79.6

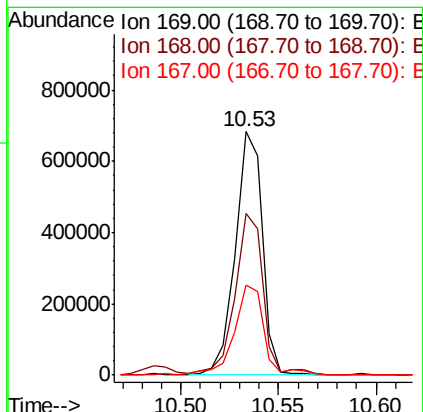
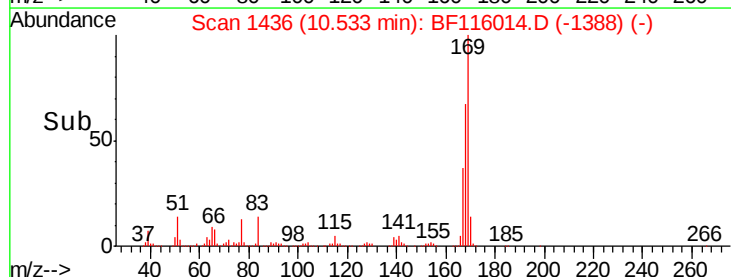
167 36.9 29.9 44.9



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

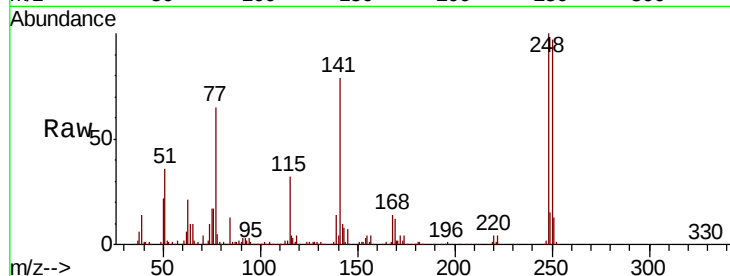




#67
4-Bromophenyl-phenylether
Concen: 44.007 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	79.3	64.3	96.5

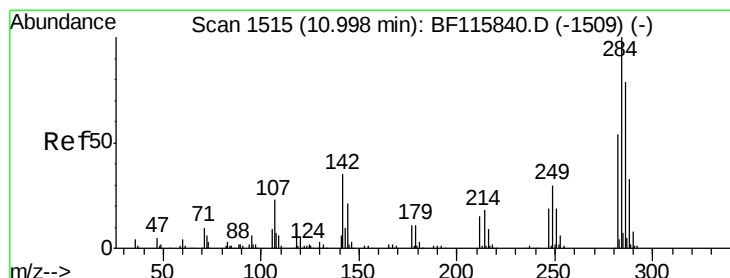
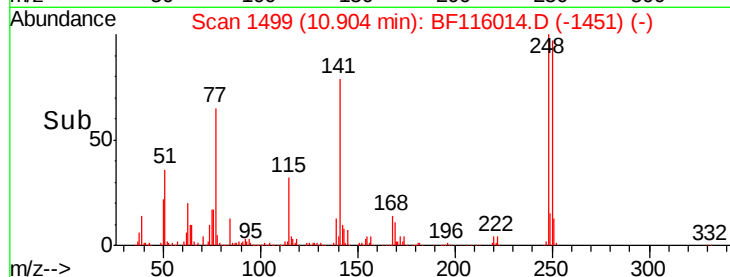
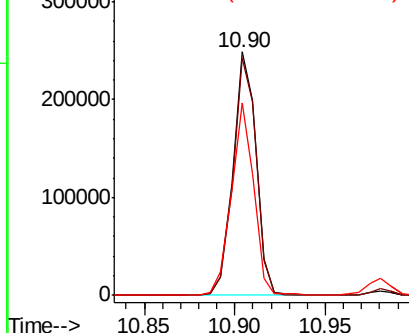


Abundance

Ion 248.00 (247.70 to 248.70): E

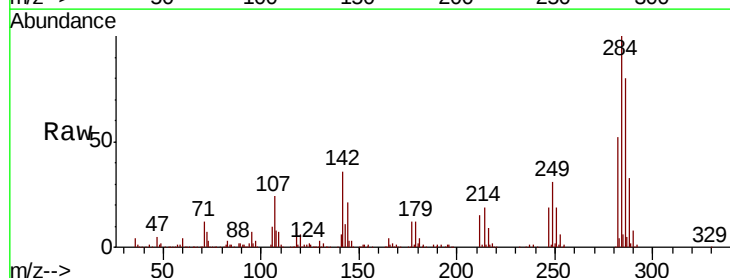
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.139 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.2	42.2
249	30.9	24.0	36.0

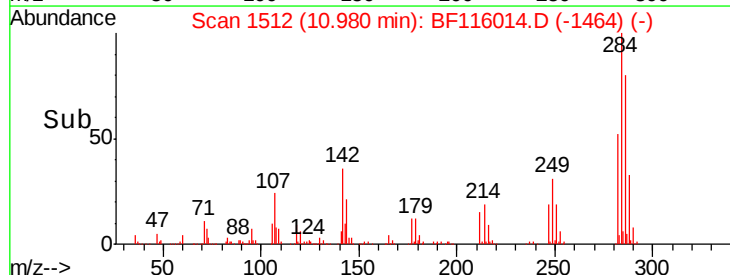
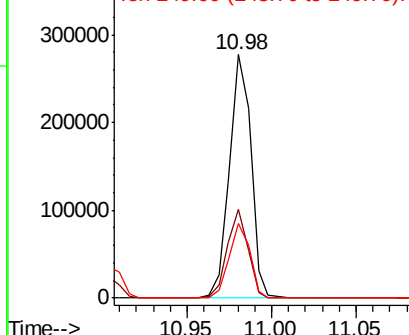


Abundance

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

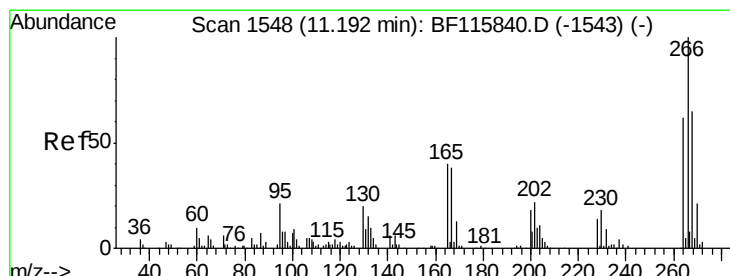
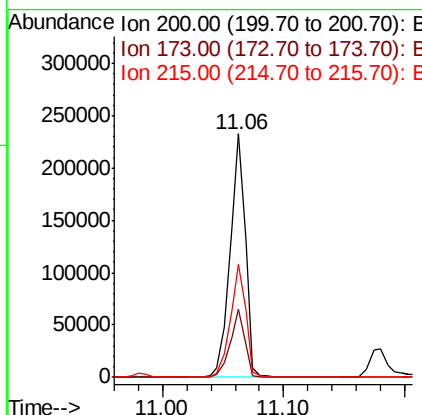
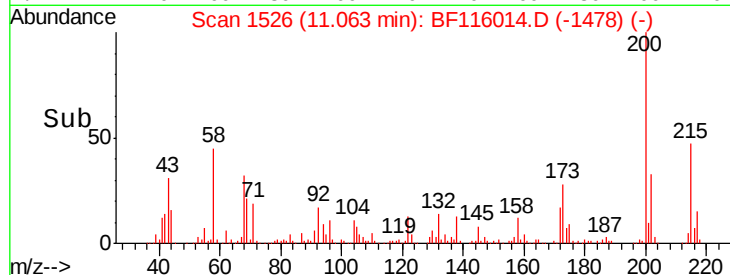
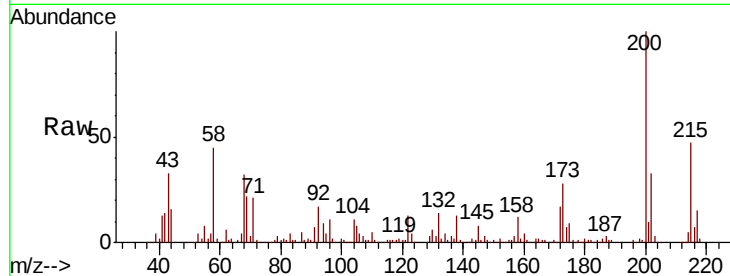




#69
 Atrazine
 Concen: 44.214 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

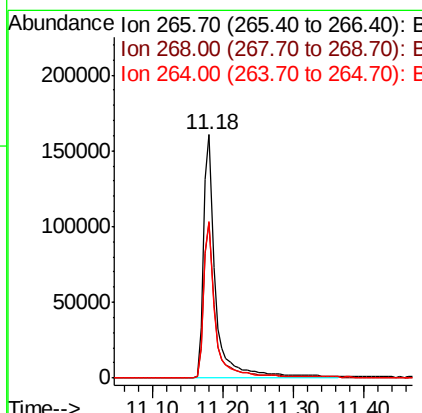
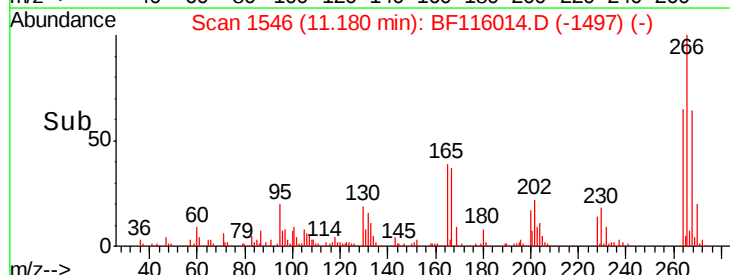
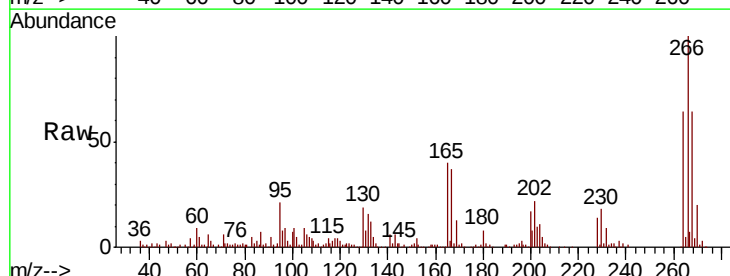
Instrument :
 BNA_F
 ClientSampleId :

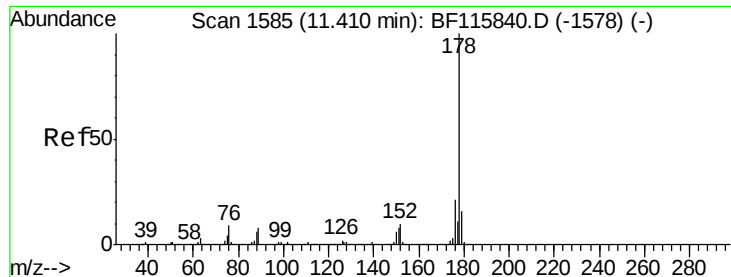
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.3	47.3
215	46.6	26.9	66.9



#70
 Pentachlorophenol
 Concen: 69.302 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.6	77.4
264	64.5	49.4	74.0

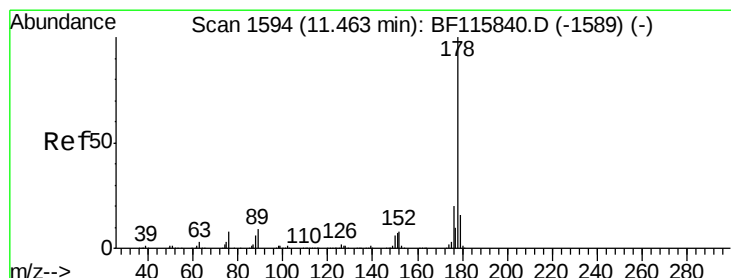
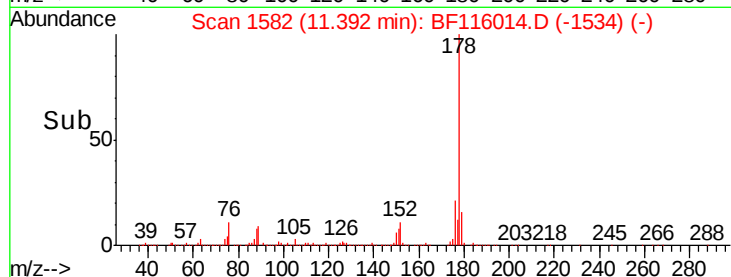
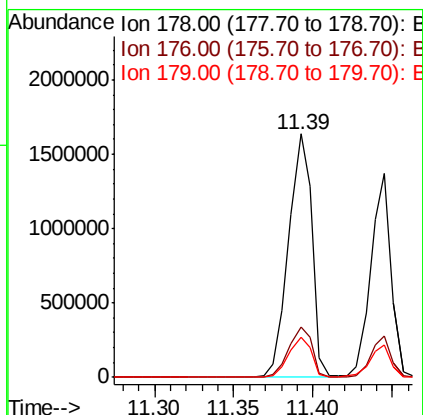
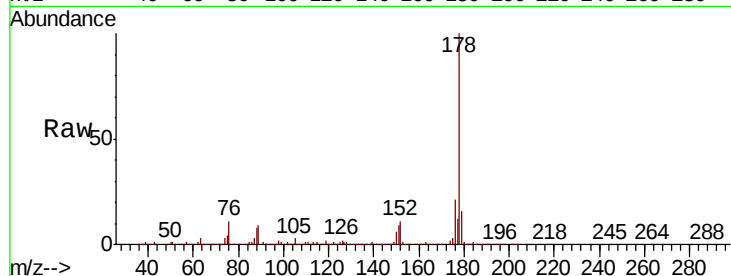




#71
 Phenanthrene
 Concen: 69.693 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

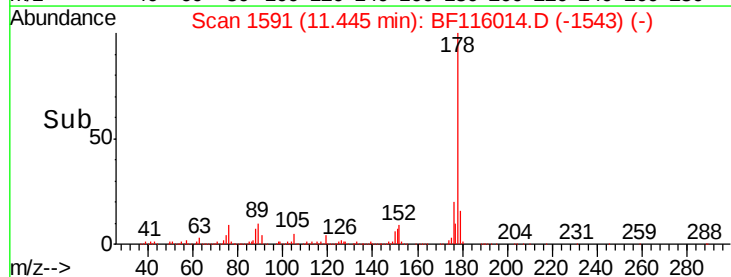
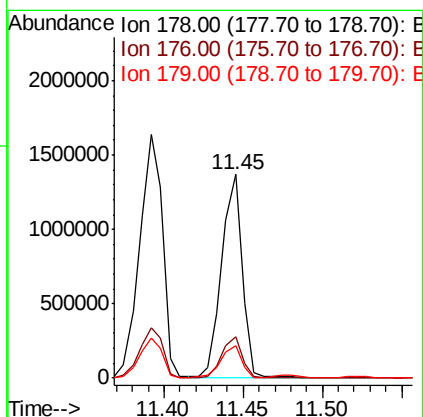
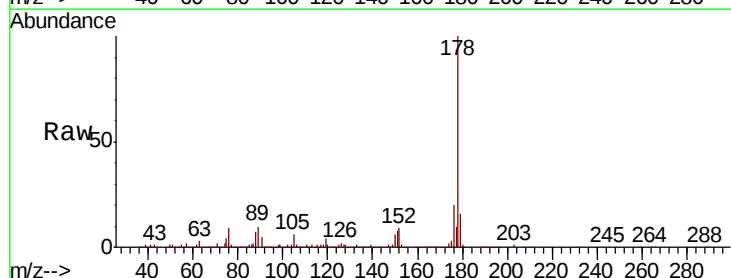
Instrument :
 BNA_F
 ClientSampleId :

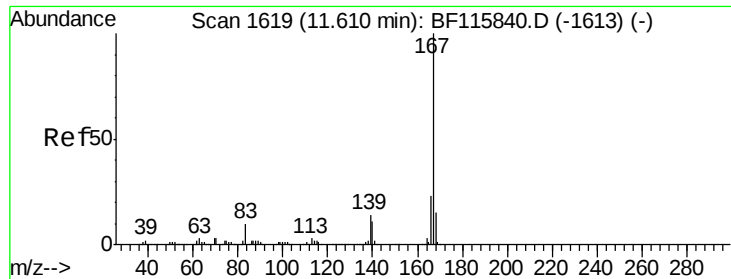
Tot Ion:178 Resp: 1667078
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.3 12.6 18.8



#72
 Anthracene
 Concen: 51.247 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:178 Resp: 1240613
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 15.8 12.4 18.6

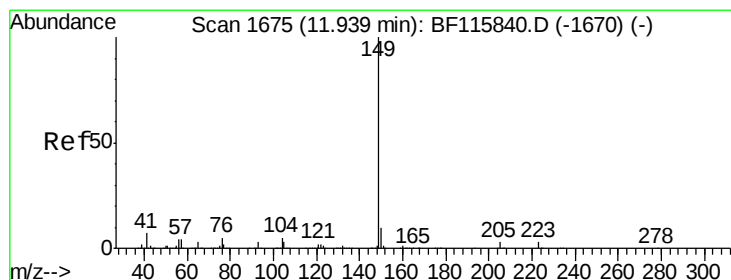
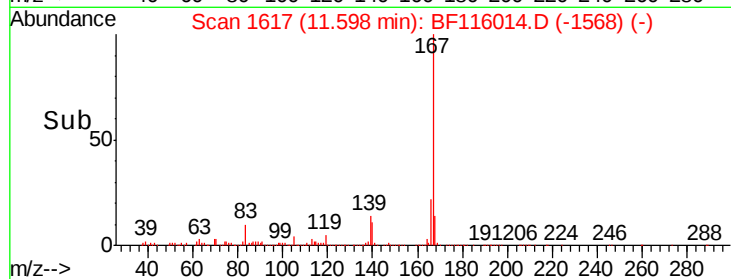
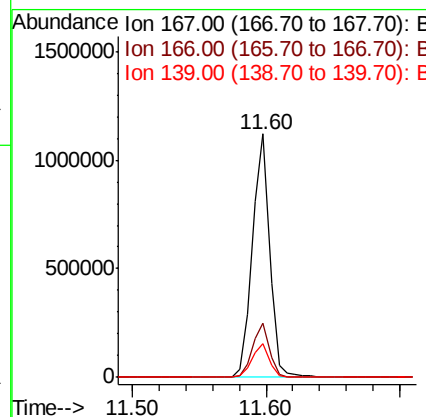
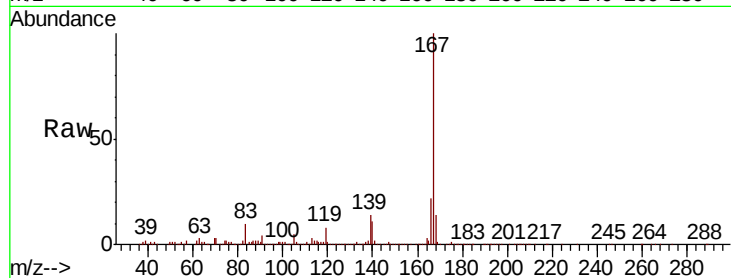




#73
 Carbazole
 Concen: 44.893 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

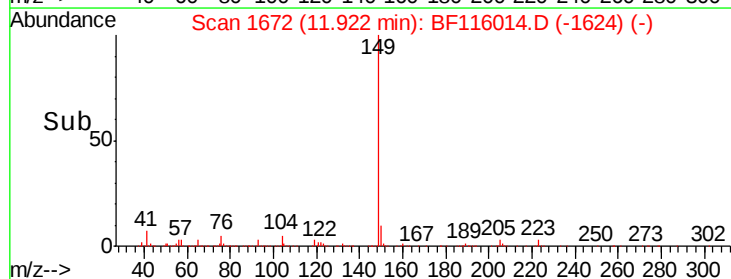
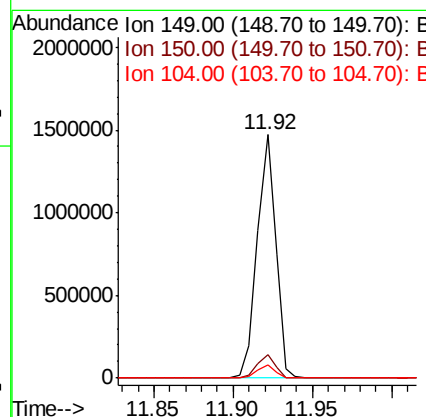
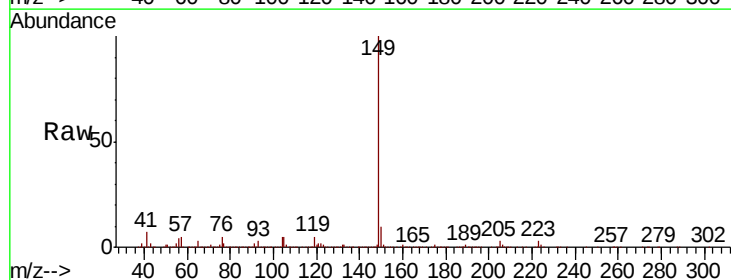
Instrument :
 BNA_F
 ClientSampleId :

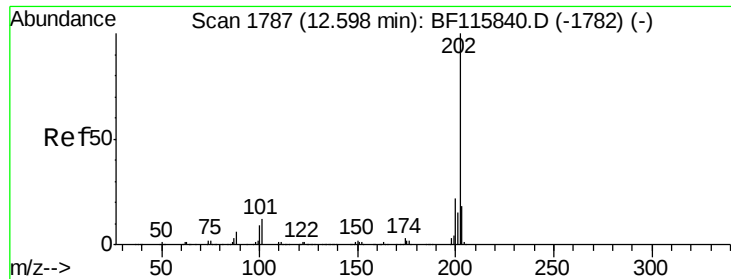
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	14.0	11.4	17.2



#74
 Di-n-butylphthalate
 Concen: 46.820 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 73.459 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

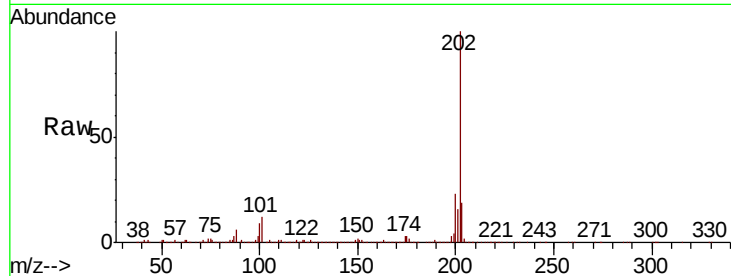
Tot Ion:202 Resp: 1839569

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.5

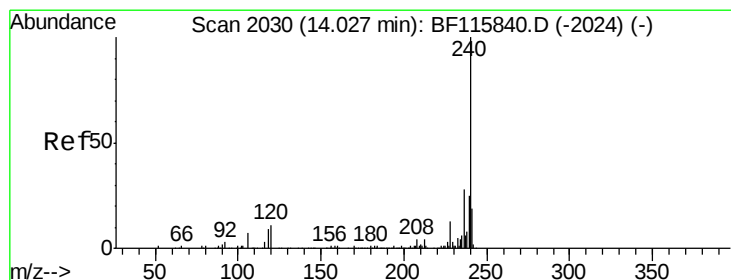
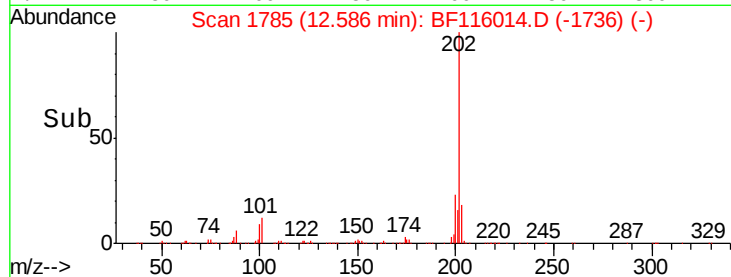
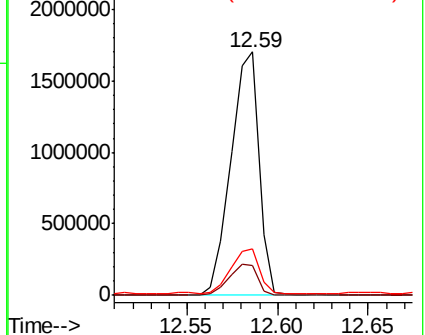
203 19.2 0.0 37.9



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: BF116014.D

Acq: 6 Aug 2019 15:42

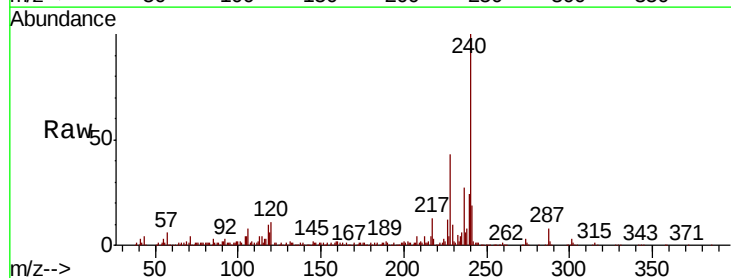
Tgt Ion:240 Resp: 293185

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

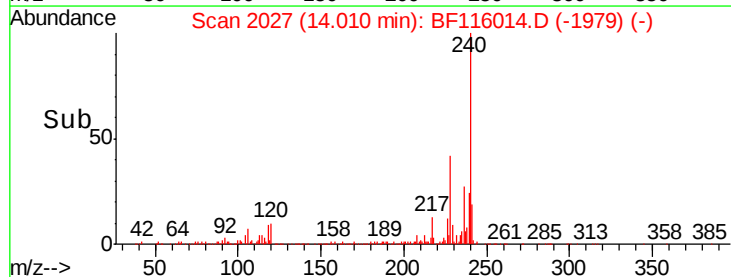
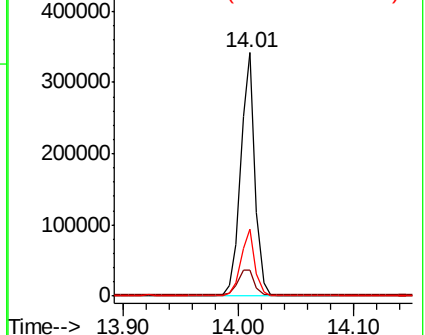
236 27.3 22.2 33.2

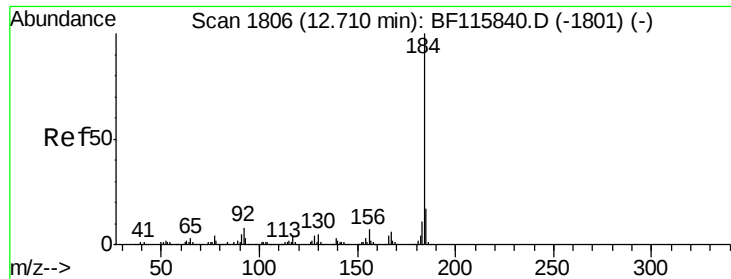


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.626 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

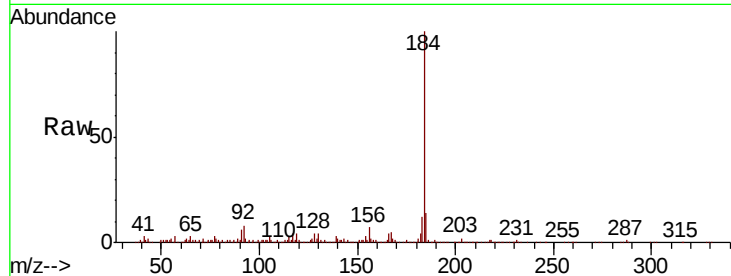
Tot Ion:184 Resp: 570791

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	11.6	9.1	13.7

184 100

185 14.5 13.4 20.2

183 11.6 9.1 13.7

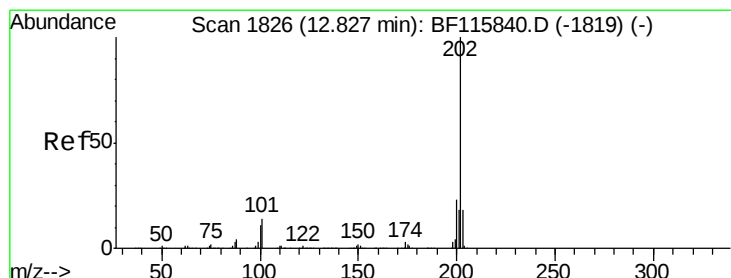
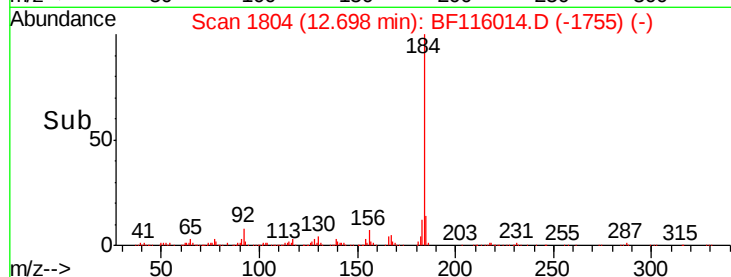
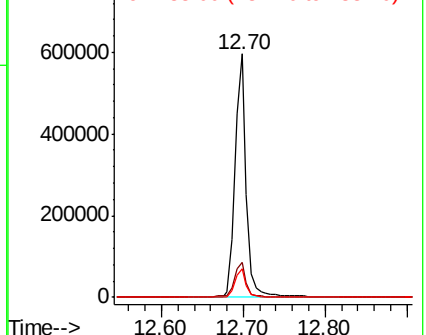


Abundance

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: 78.528 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

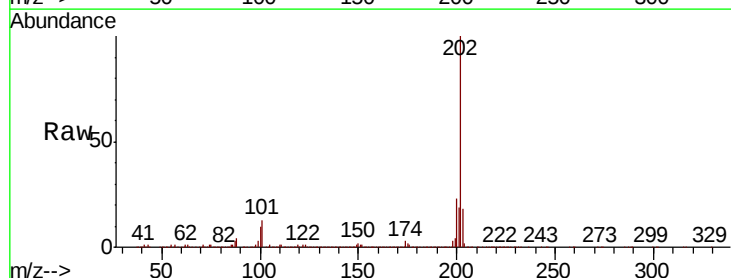
Tgt Ion:202 Resp: 1735532

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	18.4	14.3	21.5

202 100

200 22.5 18.2 27.2

203 18.4 14.3 21.5

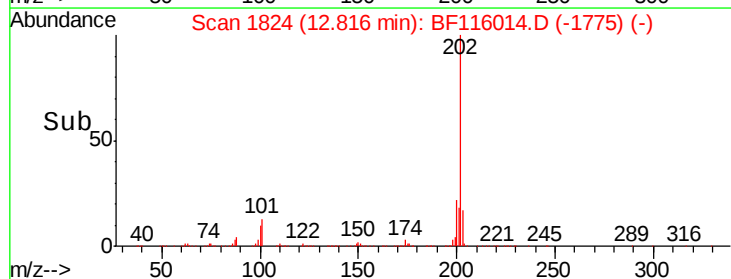
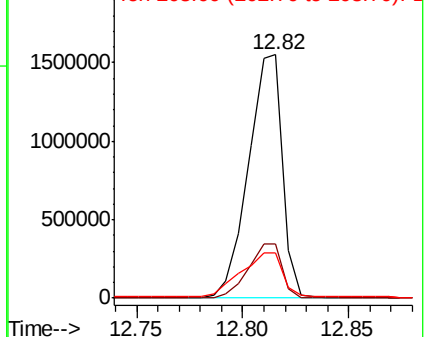


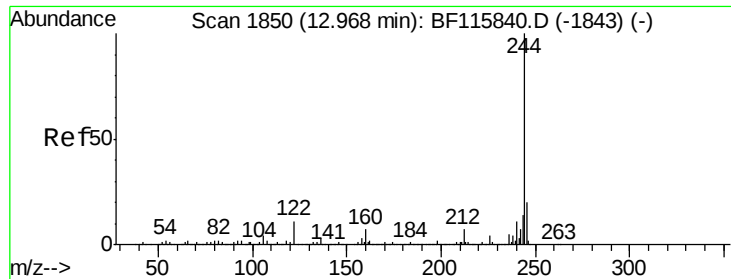
Abundance

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: 97.761 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

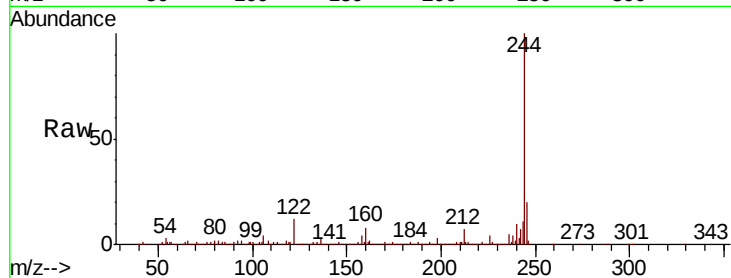
Tot Ion:244 Resp: 1360221

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

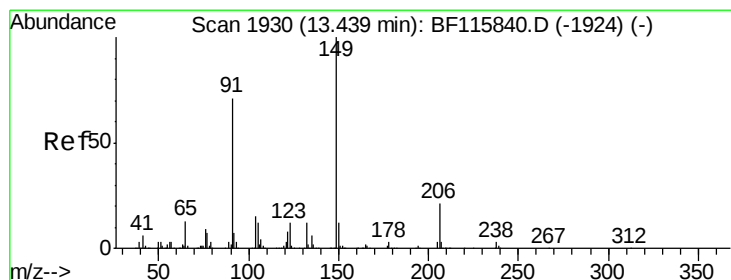
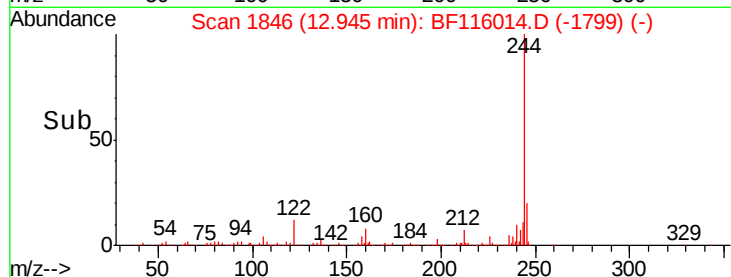
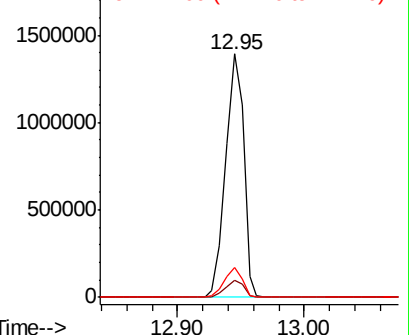
122 12.3 8.6 13.0



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: 48.981 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

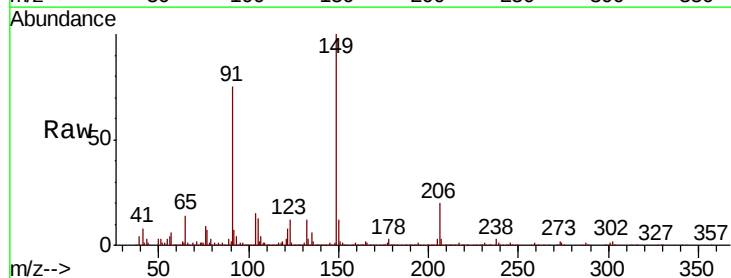
Tgt Ion:149 Resp: 457908

Ion Ratio Lower Upper

149 100

91 75.3 57.0 85.6

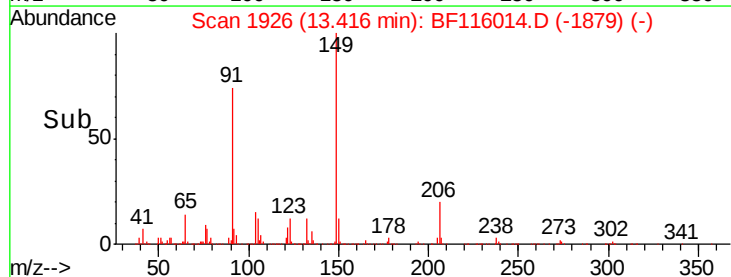
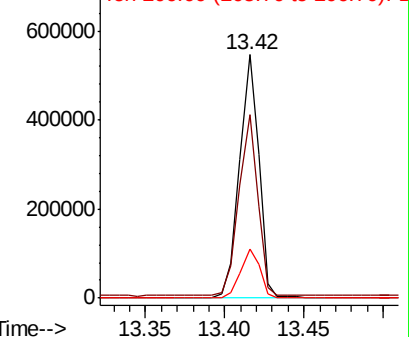
206 20.2 16.9 25.3

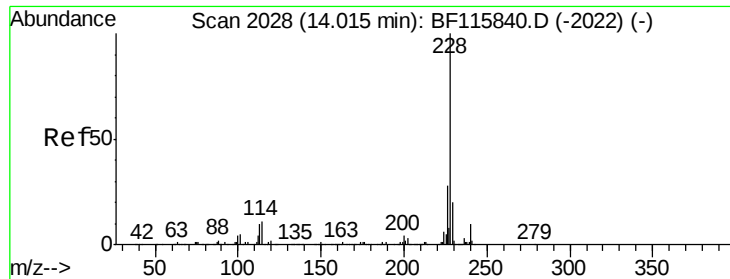


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

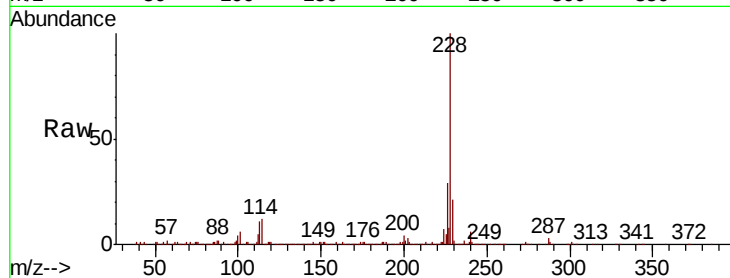




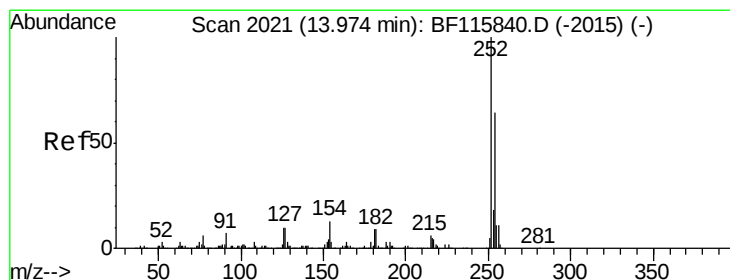
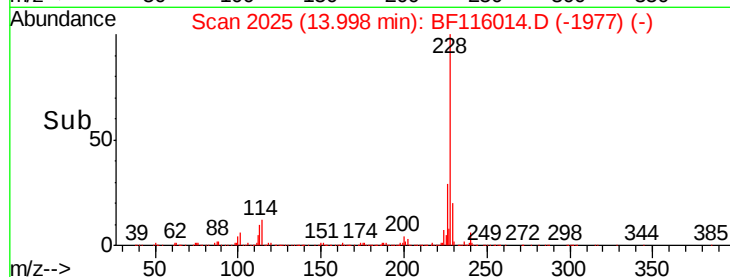
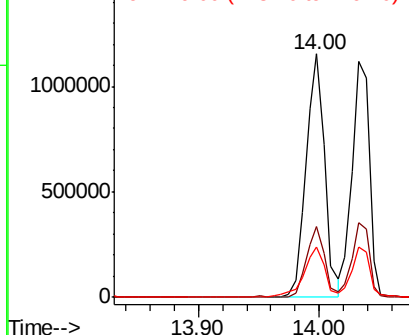
#81
Benzo(a)anthracene
Concen: 65.960 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1236047
Ion Ratio Lower Upper
228 100
226 28.8 22.5 33.7
229 20.5 16.1 24.1

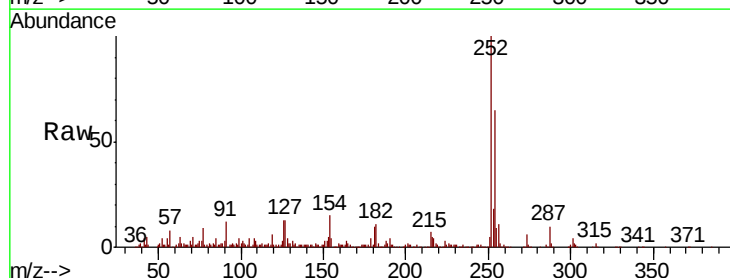


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

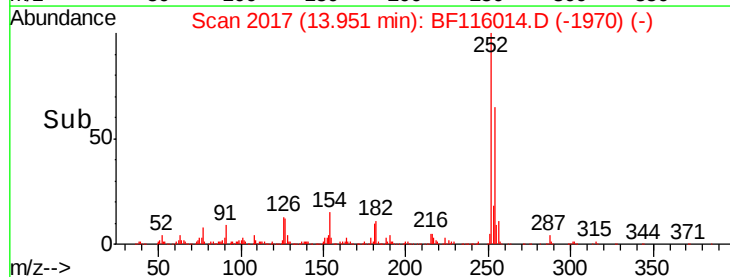
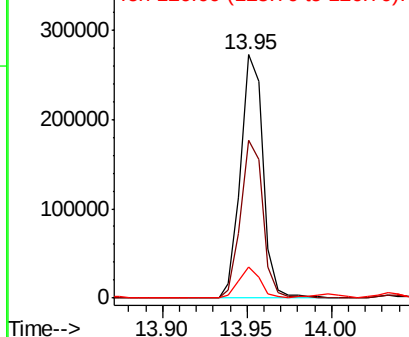


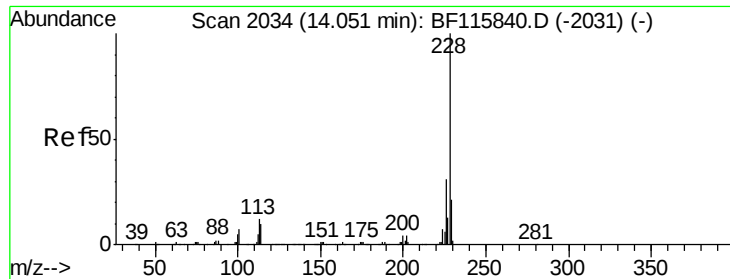
#82
3,3'-Dichlorobenzidine
Concen: 39.080 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:252 Resp: 254425
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 13.0 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

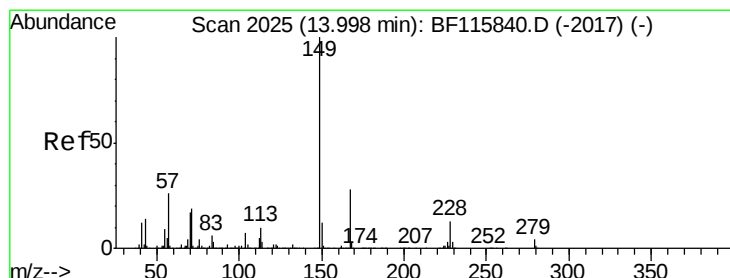
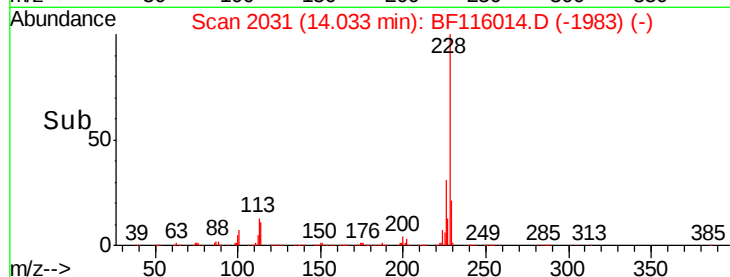
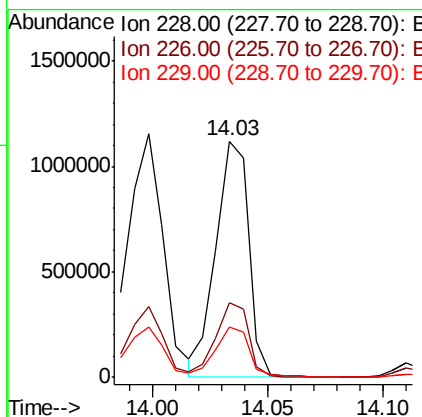
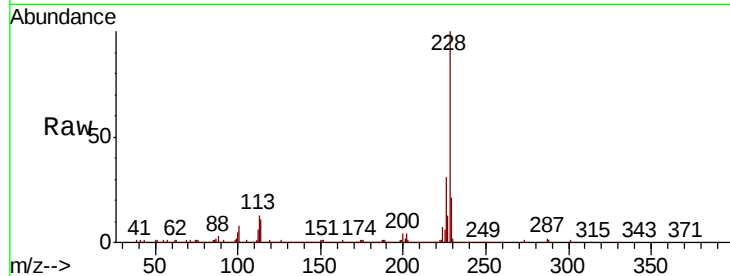




#83
 Chrvsene
 Concen: 61.044 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

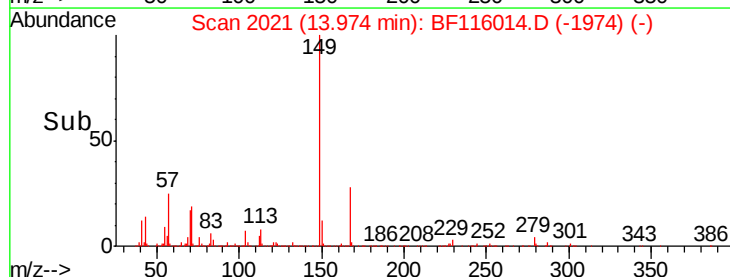
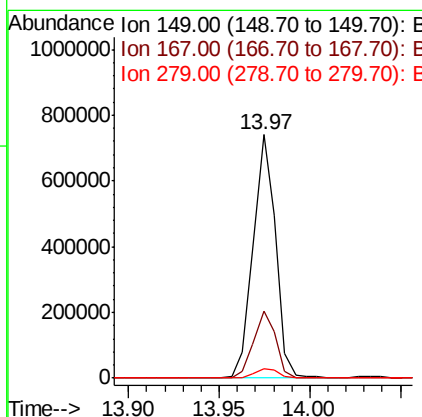
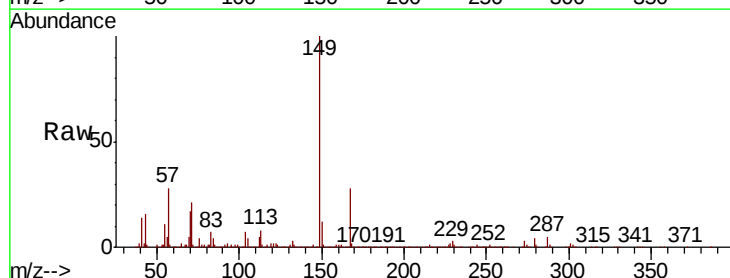
Instrument :
 BNA_F
 ClientSampleId :

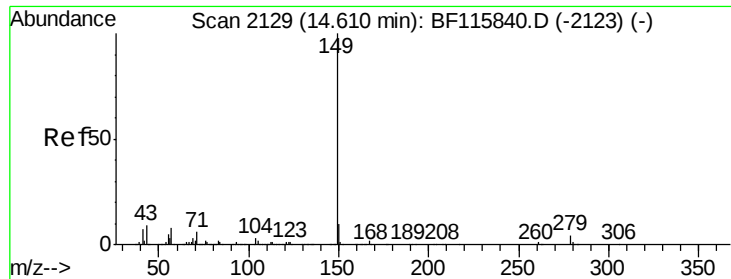
Tot Ion:228 Resp: 1110568
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.8 37.2
 229 21.3 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.098 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116014.D
 Acq: 6 Aug 2019 15:42

Tgt Ion:149 Resp: 632911
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.4 33.6
 279 3.8 3.3 4.9

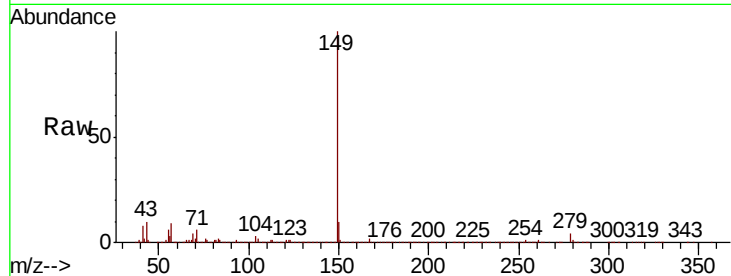




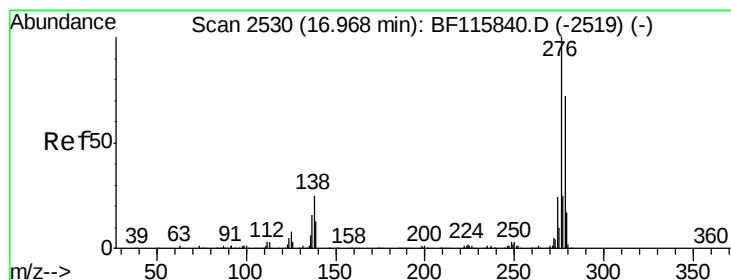
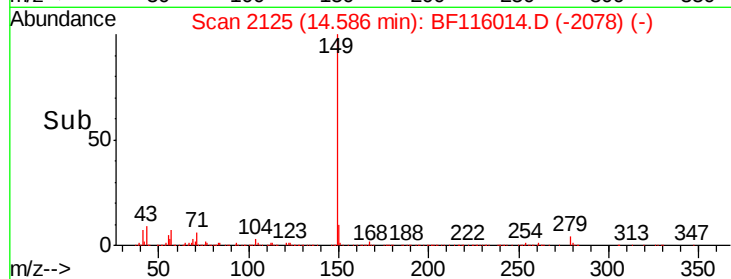
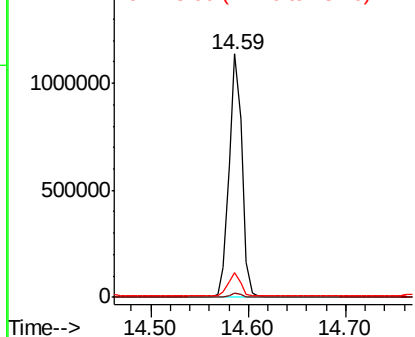
#85
Di-n-octyl phthalate
Concen: 53.712 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1036434
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.4 11.0

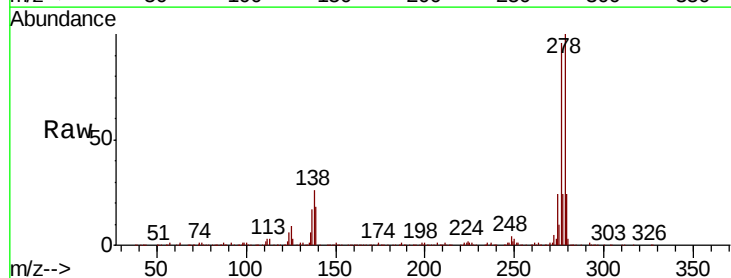


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

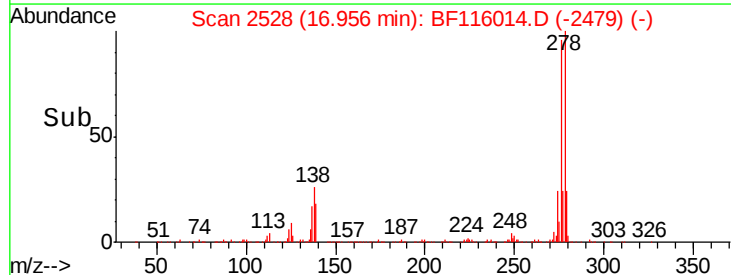
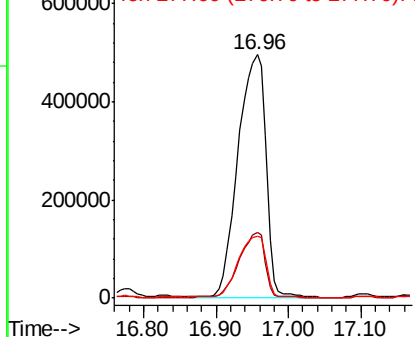


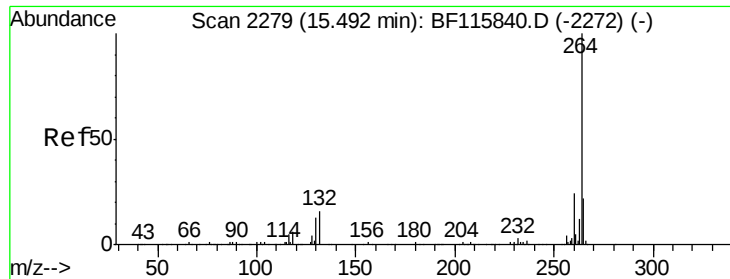
#86
Indeno(1,2,3-cd)pyrene
Concen: 86.804 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:276 Resp: 1326379
Ion Ratio Lower Upper
276 100
138 24.6 19.6 29.4
277 25.4 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

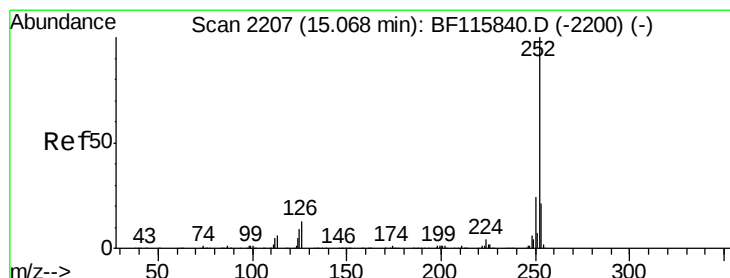
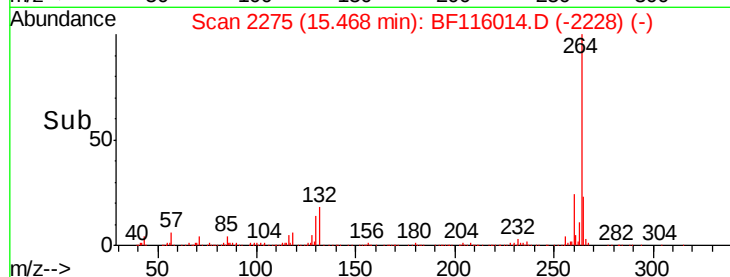
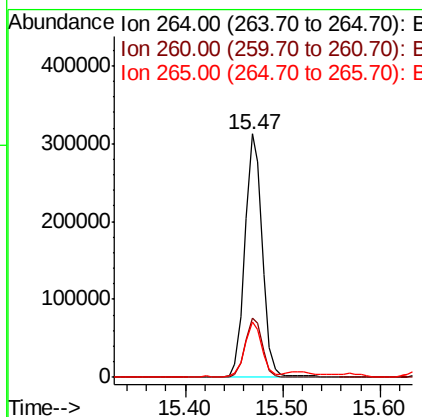
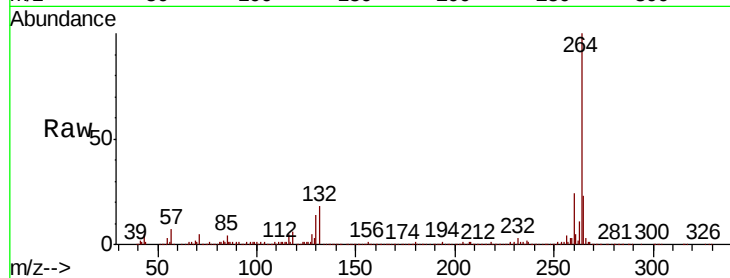




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

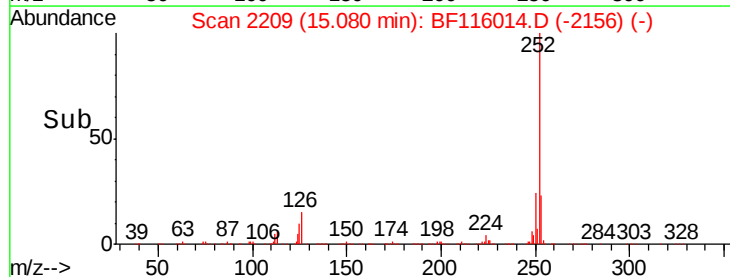
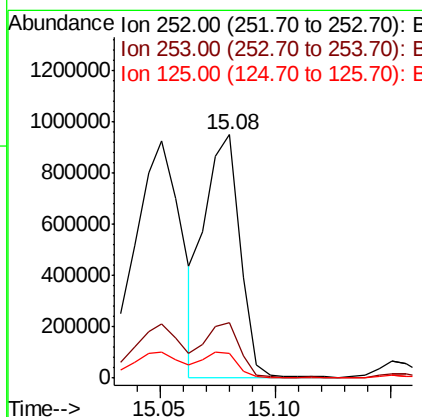
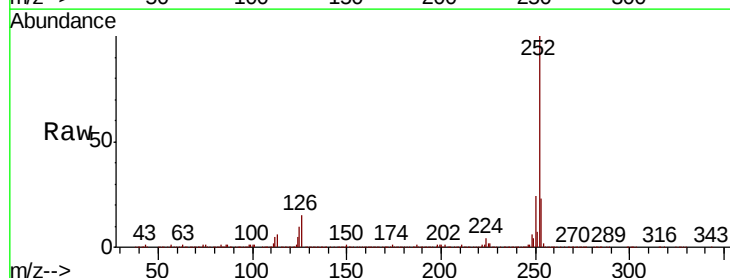
Instrument :
BNA_F
ClientSampleId :

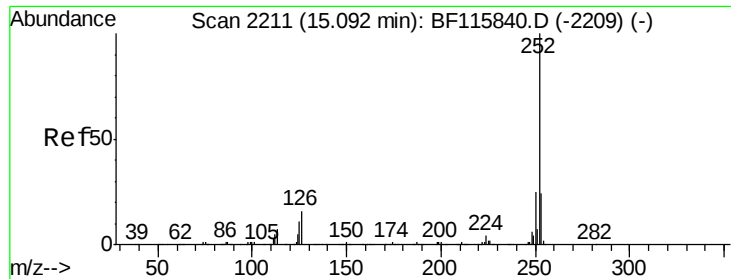
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.7	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 45.200 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.3	7.4	11.0

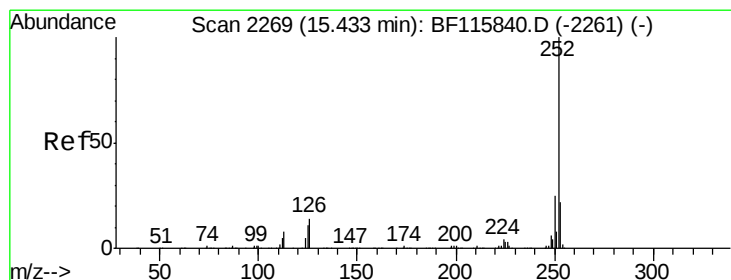
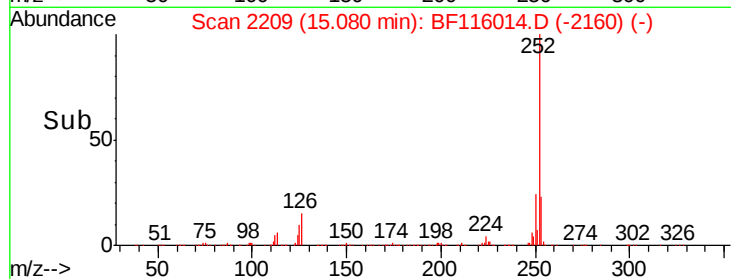
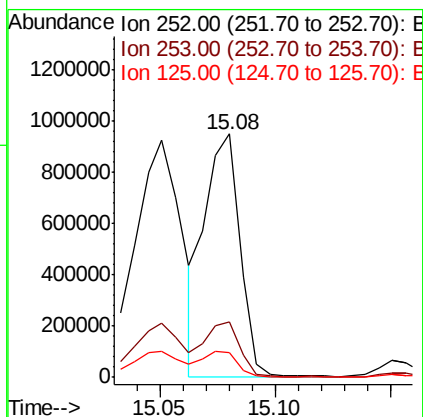
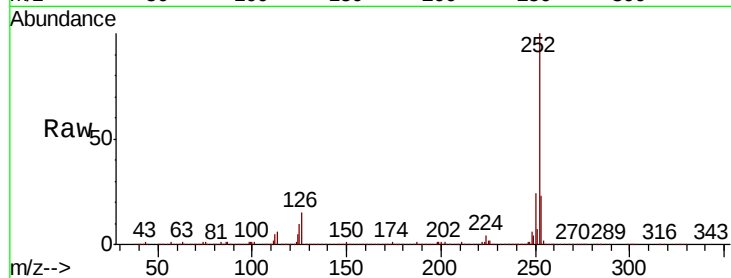




#89
Benzo(k)fluoranthene
Concen: 46.406 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

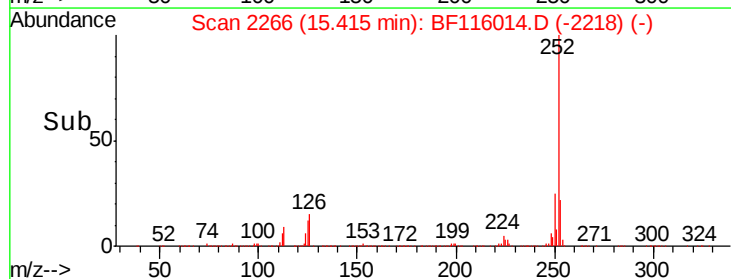
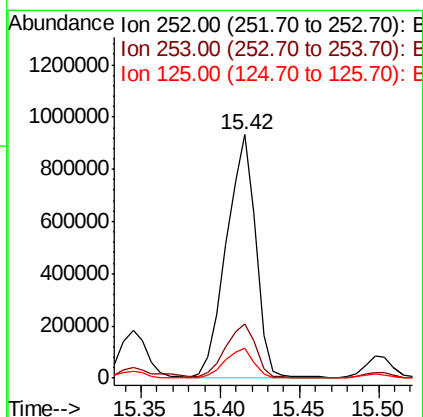
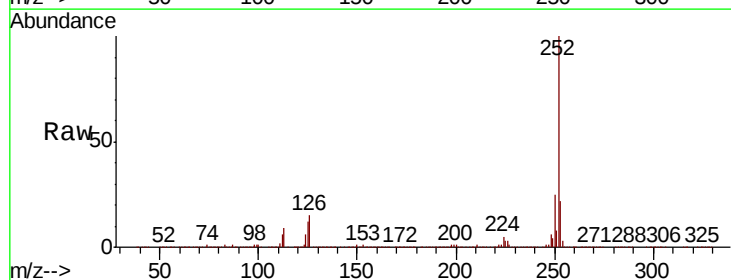
Instrument :
BNA_F
ClientSampleId :

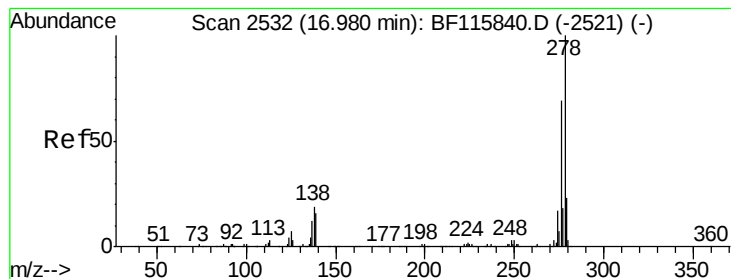
Tot Ion:252 Resp: 1008567
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 59.612 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116014.D
Acq: 6 Aug 2019 15:42

Tgt Ion:252 Resp: 1189049
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 54.408 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

Instrument :

BNA_F

ClientSampleId :

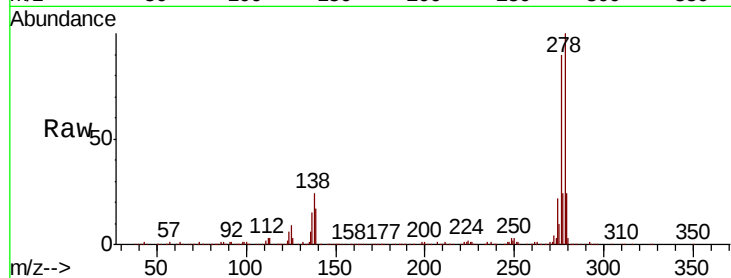
Tot Ion:278 Resp: 939389

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	24.3	18.8	28.2

278 100

139 16.6 12.6 19.0

279 24.3 18.8 28.2

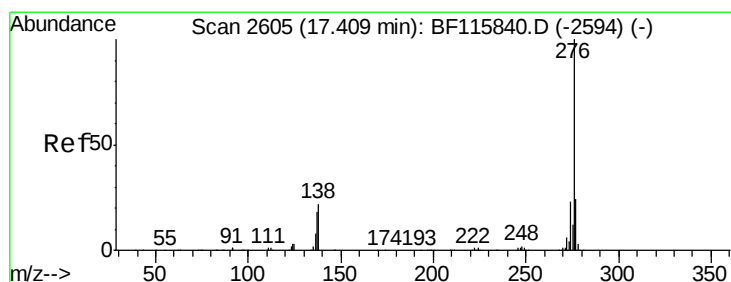
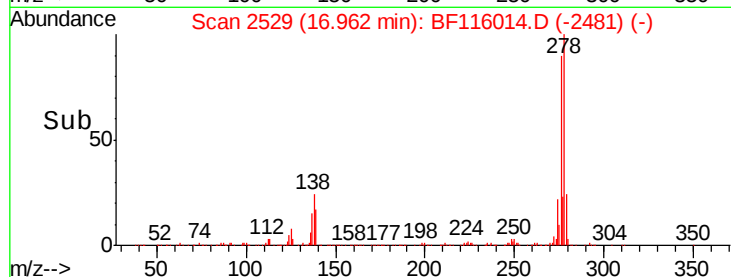
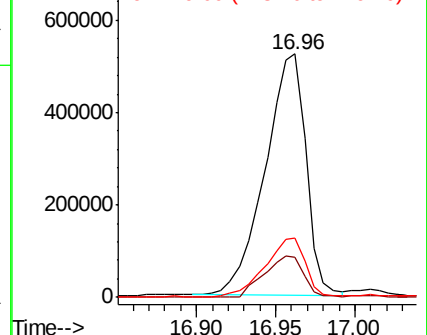


Abundance

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: 66.164 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF116014.D

Acq: 6 Aug 2019 15:42

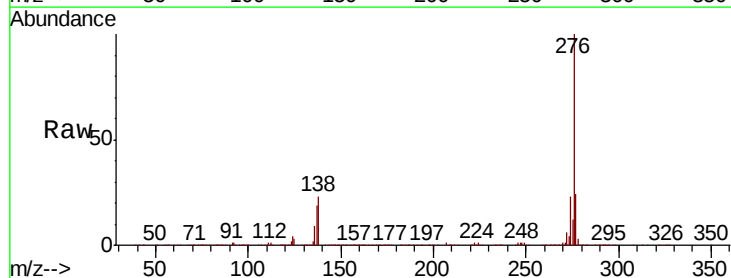
Tgt Ion:276 Resp: 1121911

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	23.1	17.8	26.8

276 100

277 24.1 19.5 29.3

138 23.1 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

