

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116064.D
 Acq On : 8 Aug 2019 13:03
 Operator : HP/JU
 Sample : PB122055BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:09:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	140221	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	569828	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	305931	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	533060	20.00	ng	0.00
76) Chrysene-d12	14.00	240	375857	20.00	ng	0.00
87) Perylene-d12	15.46	264	310061	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	887354	105.94	ng	0.00
7) Phenol-d6	6.48	99	1109605	105.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	725065	73.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	318825	107.49	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1264873	77.44	ng	-0.01
79) Terphenyl-d14	12.94	244	1429382	80.14	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	160665	37.969	ng	99
3) Pyridine	3.45	79	344002	29.102	ng	99
4) n-Nitrosodimethylamine	3.39	42	158763	34.035	ng	97
6) Aniline	6.50	93	415937	27.483	ng	98
8) 2-Chlorophenol	6.63	128	366688	39.589	ng	97
9) Benzaldehyde	6.39	77	111760	15.327	ng	98
10) Phenol	6.49	94	461321	37.069	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	346927	37.917	ng	98
12) 1,3-Dichlorobenzene	6.78	146	384499	35.920	ng	99
13) 1,4-Dichlorobenzene	6.86	146	393278	36.694	ng	98
14) 1,2-Dichlorobenzene	7.01	146	362199	36.701	ng	99
15) Benzyl Alcohol	6.99	79	303654	37.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	460803	36.923	ng	95
17) 2-Methylphenol	7.10	107	308835	39.378	ng	99
18) Hexachloroethane	7.35	117	142885	36.209	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	249900	38.160	ng	97
20) 3+4-Methylphenols	7.25	107	374746	40.378	ng	99
22) Acetophenone	7.25	105	494439	39.564	ng	# 98
24) Nitrobenzene	7.42	77	401073	37.627	ng	98
25) Isophorone	7.66	82	733528	38.860	ng	100
26) 2-Nitrophenol	7.74	139	200966	39.997	ng	95
27) 2,4-Dimethylphenol	7.77	122	327265	43.293	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	449480	38.418	ng	100
29) 2,4-Dichlorophenol	7.98	162	318220	39.869	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	338355	37.189	ng	99
31) Naphthalene	8.14	128	1055448	39.361	ng	99
32) Benzoic acid	7.93	122	196571	36.883	ng	98
33) 4-Chloroaniline	8.19	127	295474	24.662	ng	97
34) Hexachlorobutadiene	8.26	225	189509	36.162	ng	98
35) Caprolactam	8.56	113	49551	19.195	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	331743	39.952	ng	97
37) 2-Methylnaphthalene	8.83	142	698716	39.565	ng	99
38) 1-Methylnaphthalene	8.93	142	662543	39.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322143	39.388	ng	99

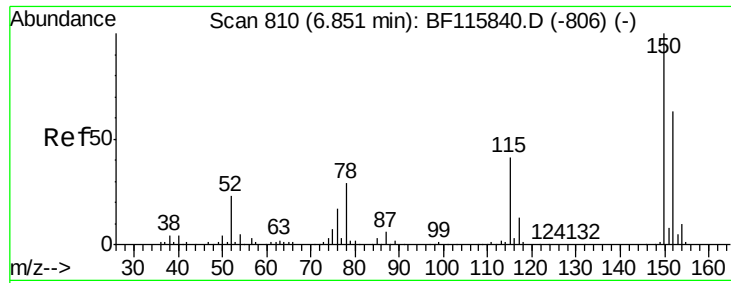
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116064.D
 Acq On : 8 Aug 2019 13:03
 Operator : HP/JU
 Sample : PB122055BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:09:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140526	41.362	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	207594	36.876	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	224063	38.504	ng	98
46) 1,1'-Biphenyl	9.29	154	850853	39.394	ng	99
47) 2-Chloronaphthalene	9.32	162	670376	37.292	ng	99
48) 2-Nitroaniline	9.42	65	210884	35.491	ng	98
49) Acenaphthylene	9.73	152	1009629	38.497	ng	98
50) Dimethylphthalate	9.60	163	804215	38.608	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178607	39.455	ng	100
52) Acenaphthene	9.91	154	611893	38.031	ng	99
53) 3-Nitroaniline	9.83	138	142716	25.515	ng	96
54) 2,4-Dinitrophenol	9.95	184	153371	67.921	ng	93
55) Dibenzofuran	10.08	168	898027	38.381	ng	99
56) 4-Nitrophenol	10.01	139	238300	66.505	ng	89
57) 2,4-Dinitrotoluene	10.07	165	231384	38.391	ng	98
58) Fluorene	10.42	166	714328	39.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189459	38.698	ng	99
60) Diethylphthalate	10.29	149	775945	39.899	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	360182	39.506	ng	98
62) 4-Nitroaniline	10.45	138	188975	32.692	ng	99
63) Azobenzene	10.57	77	782245	39.106	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	115928	41.038	ng	99
66) n-Nitrosodiphenylamine	10.53	169	639564	39.862	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	221396	38.798	ng	96
68) Hexachlorobenzene	10.97	284	248556	37.668	ng	98
69) Atrazine	11.06	200	198421	37.591	ng	99
70) Pentachlorophenol	11.17	266	220810	68.926	ng	98
71) Phenanthrene	11.39	178	1049204	38.501	ng	100
72) Anthracene	11.44	178	1081885	39.228	ng	99
73) Carbazole	11.59	167	992623	39.671	ng	99
74) Di-n-butylphthalate	11.92	149	1206513	41.335	ng	99
75) Fluoranthene	12.57	202	1109172	38.878	ng	98
77) Benzidine	12.69	184	313935	24.723	ng	98
78) Pyrene	12.80	202	1129126	39.852	ng	100
80) Butylbenzylphthalate	13.41	149	507797	42.370	ng	96
81) Benzo(a)anthracene	13.99	228	923406	38.438	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	299630	35.900	ng	99
83) Chrysene	14.03	228	914633	39.216	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	696488	44.721	ng	98
85) Di-n-octyl phthalate	14.58	149	1099879	44.462	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	784023	40.024	ng	100
88) Benzo(b)fluoranthene	15.04	252	806183	44.968	ng	100
89) Benzo(k)fluoranthene	15.07	252	816984	46.786	ng	99
90) Benzo(a)pyrene	15.40	252	757555	47.269	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	672938	48.509	ng	98
92) Benzo(g,h,i)perylene	17.37	276	657534	48.262	ng	99

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

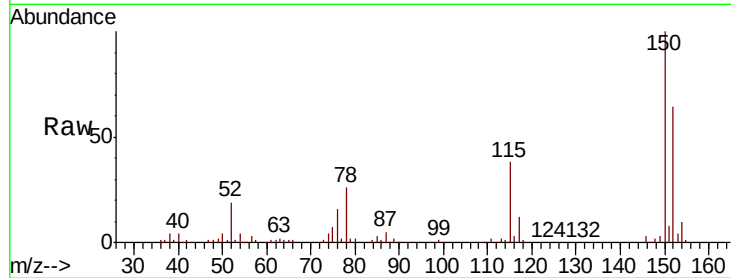


#1

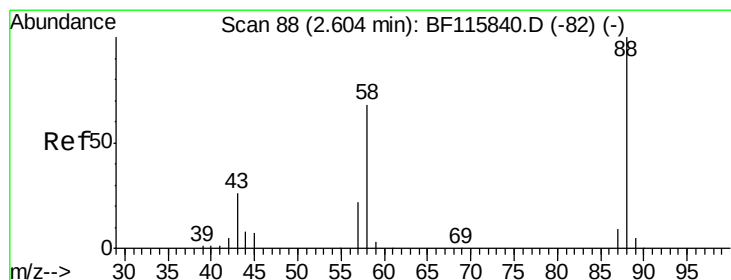
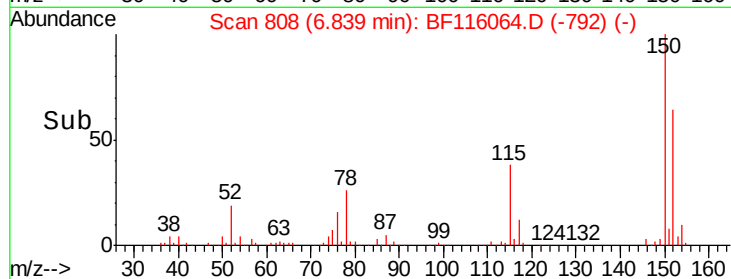
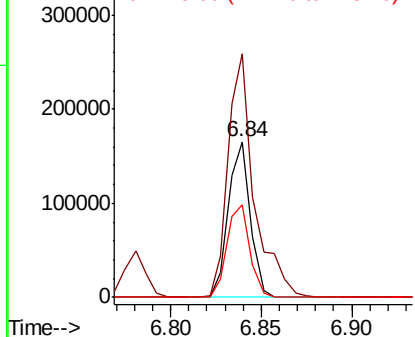
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140221
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.9 49.9 74.9



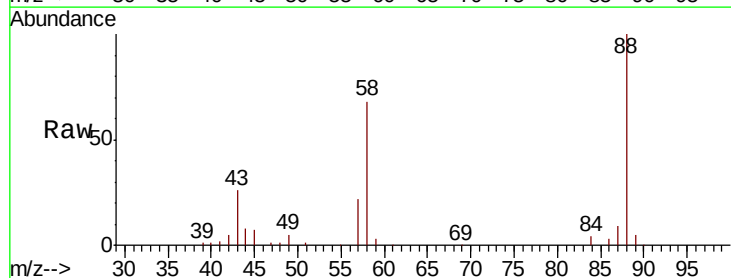
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



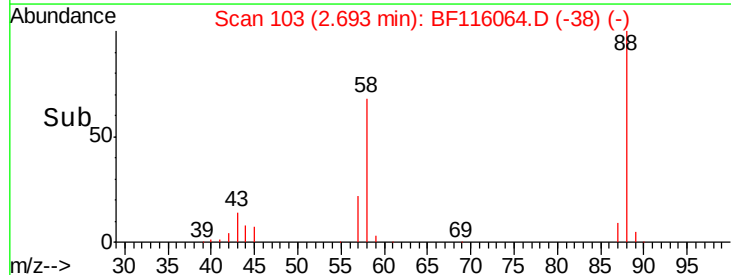
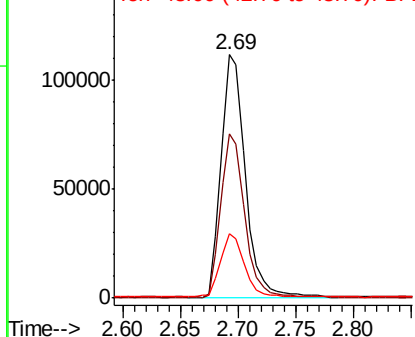
#2

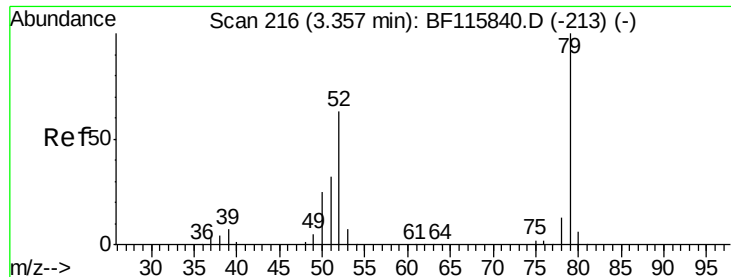
1,4-Dioxane
Concen: 37.969 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion: 88 Resp: 160665
Ion Ratio Lower Upper
88 100
58 68.2 53.7 80.5
43 25.7 21.0 31.4



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: 29.102 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

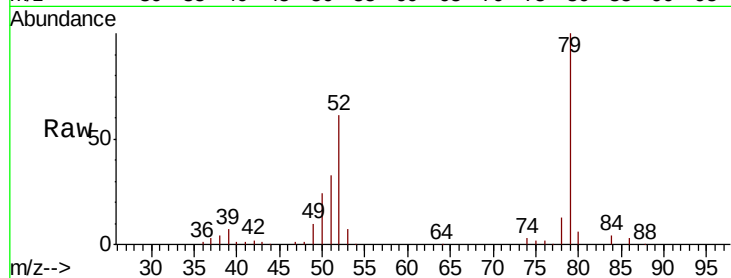
Tot Ion: 79 Resp: 344002

Ion Ratio Lower Upper

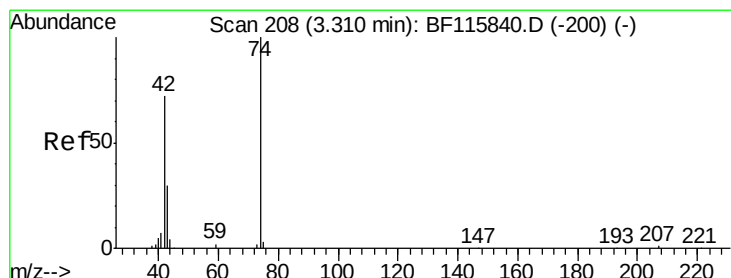
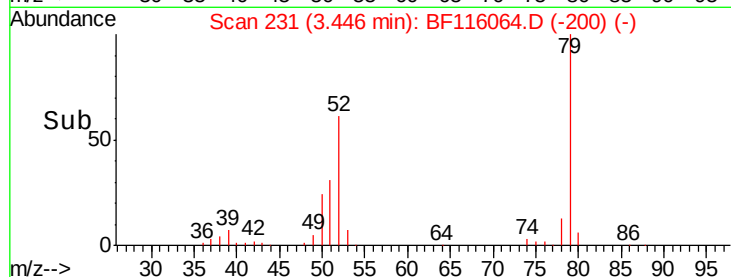
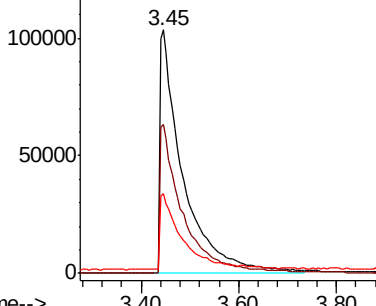
79 100

52 61.4 49.8 74.8

51 32.6 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.035 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

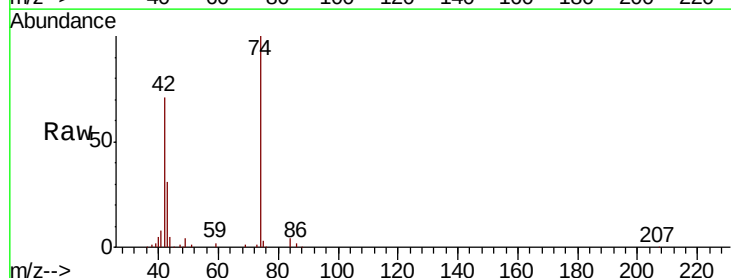
Tgt Ion: 42 Resp: 158763

Ion Ratio Lower Upper

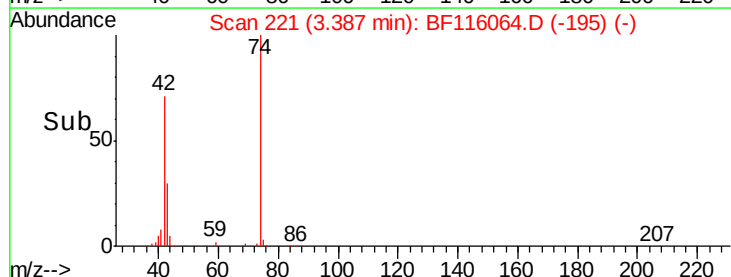
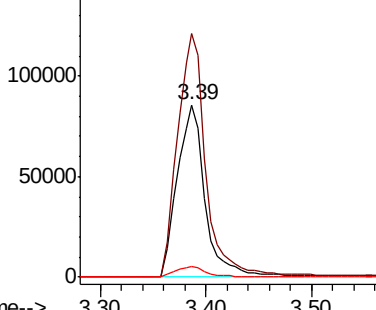
42 100

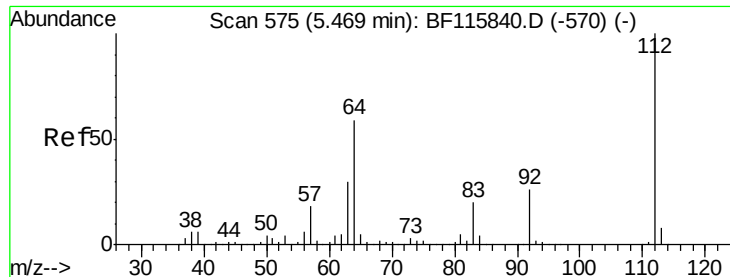
74 141.1 116.0 174.0

44 6.4 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.939 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

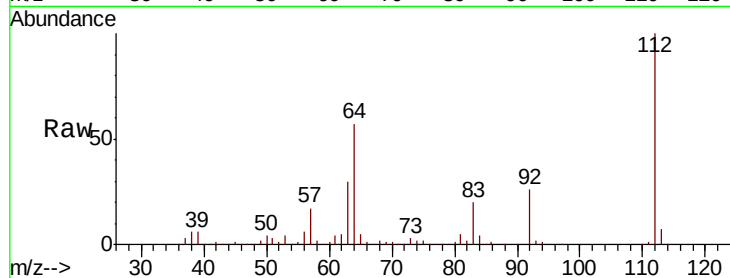
Tot Ion:112 Resp: 887354

Ion Ratio Lower Upper

112 100

64 57.4 45.4 68.2

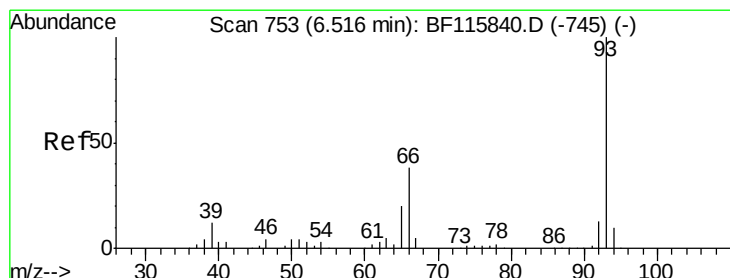
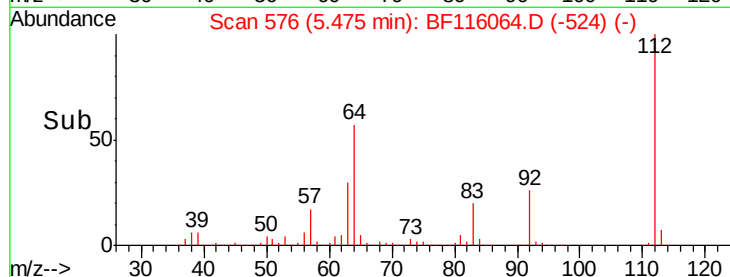
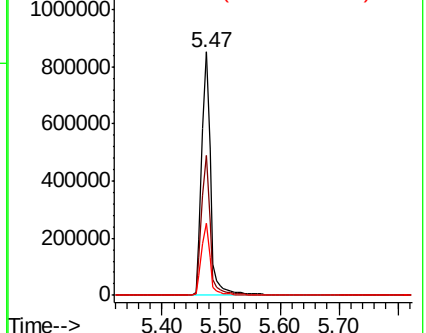
63 29.7 23.7 35.5



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: 27.483 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

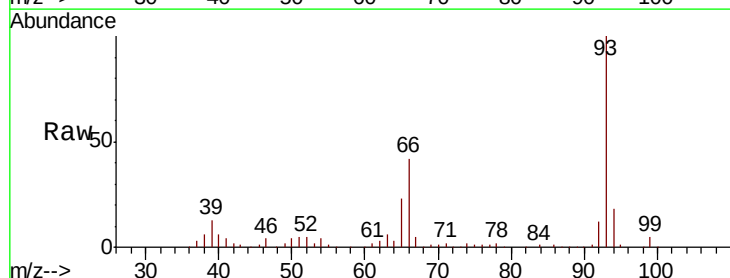
Tgt Ion: 93 Resp: 415937

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.4

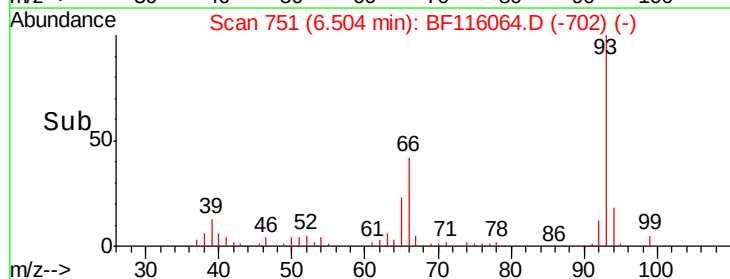
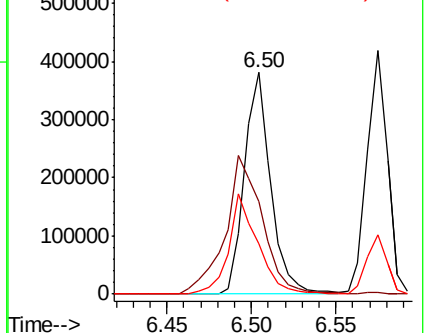
65 22.8 17.0 25.6

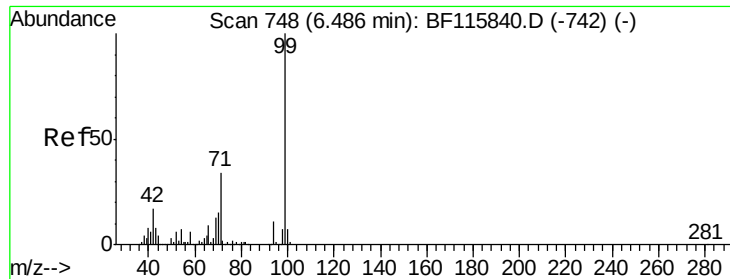


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.997 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

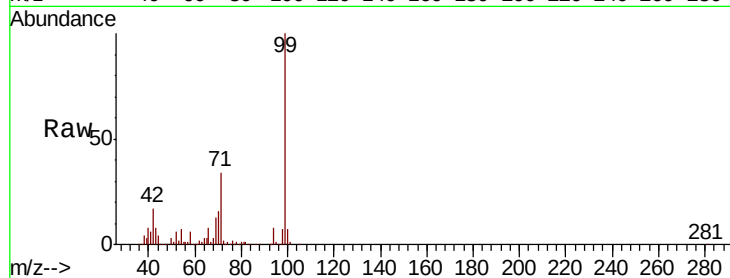
Tot Ion: 99 Resp: 1109605

Ion Ratio Lower Upper

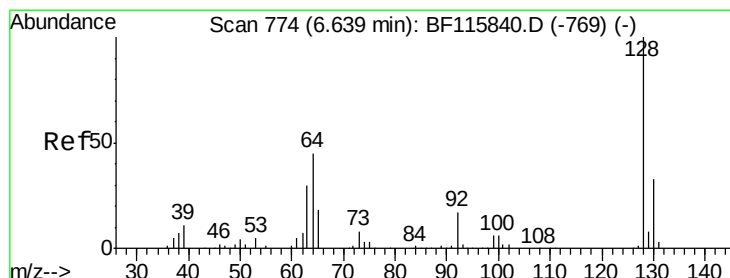
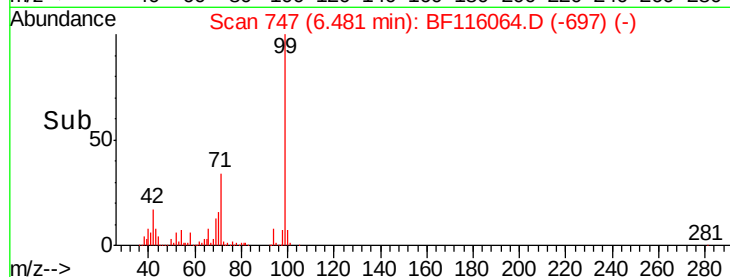
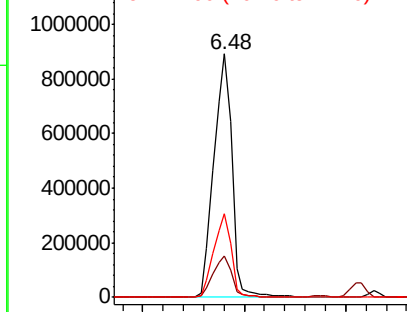
99 100

42 17.1 13.8 20.8

71 34.3 27.3 40.9



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: 39.589 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

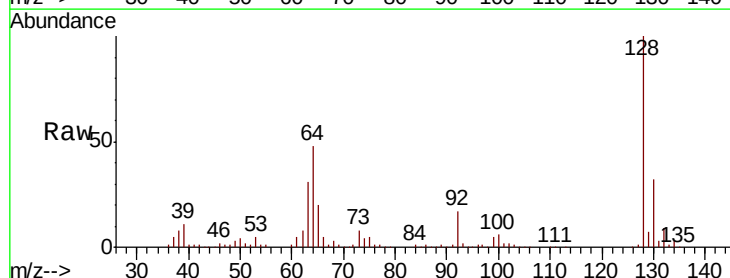
Tgt Ion: 128 Resp: 366688

Ion Ratio Lower Upper

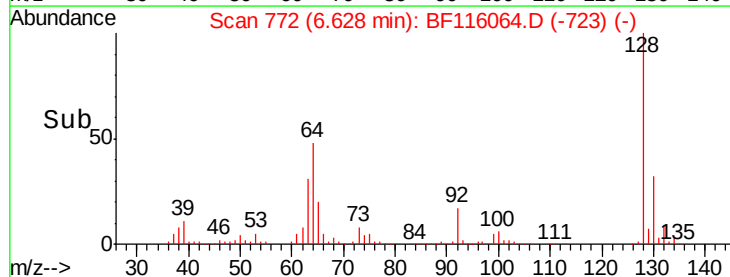
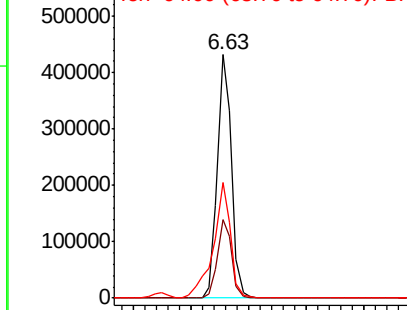
128 100

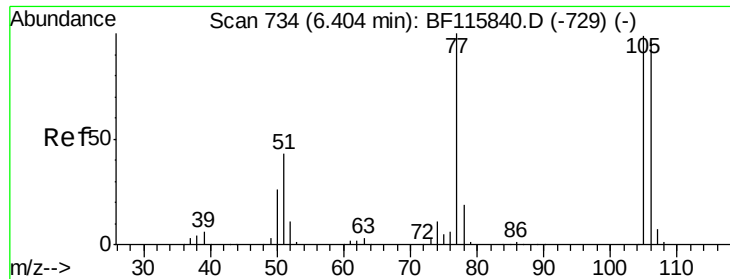
130 32.3 12.9 52.9

64 47.7 24.3 64.3



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: 15.327 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

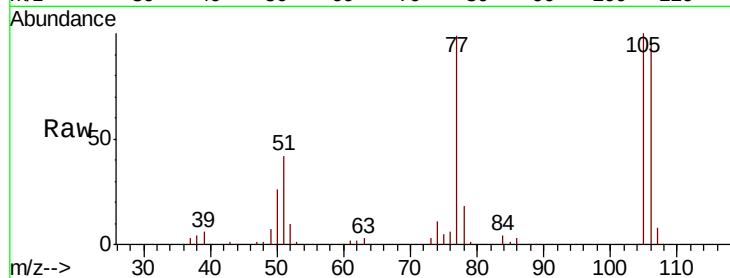
Tot Ion: 77 Resp: 111760

Ion Ratio Lower Upper

77 100

105 101.3 79.2 119.2

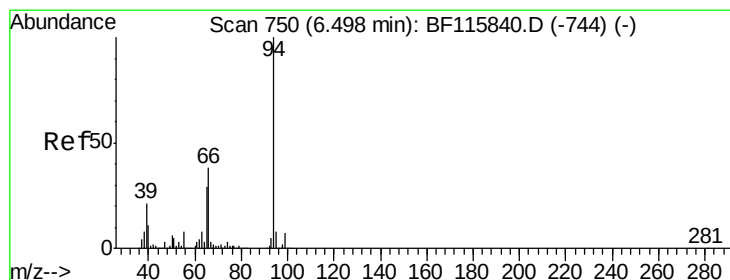
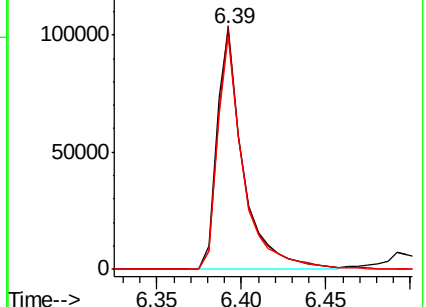
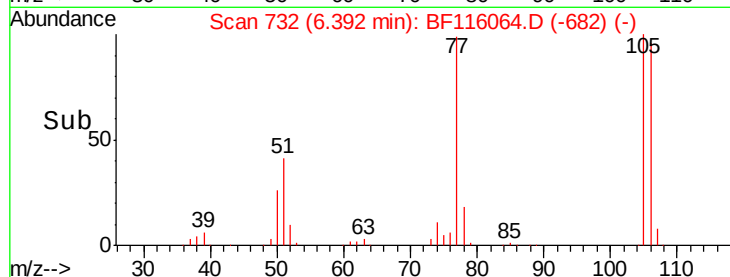
106 97.0 74.3 114.3



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: 37.069 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

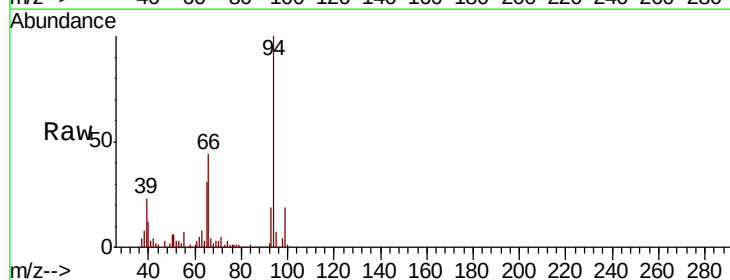
Tgt Ion: 94 Resp: 461321

Ion Ratio Lower Upper

94 100

65 31.4 16.8 56.8

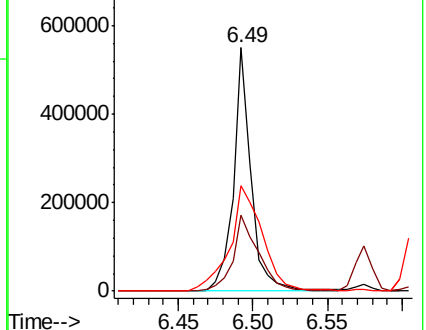
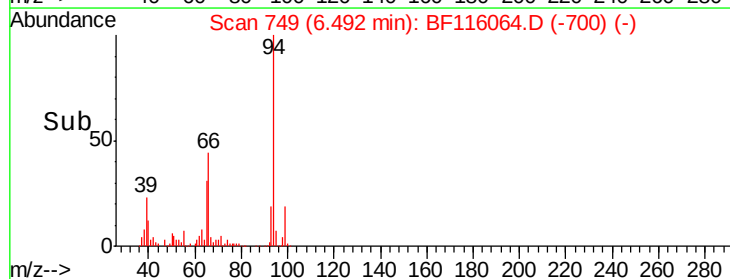
66 43.5 34.2 74.2

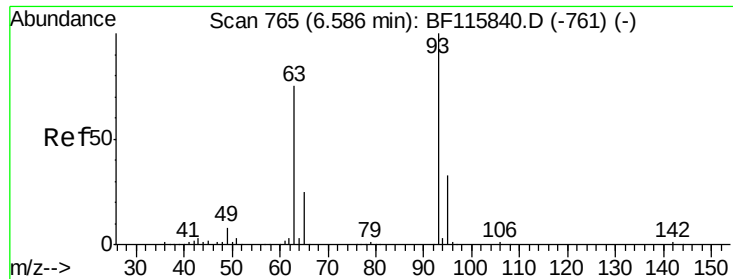


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

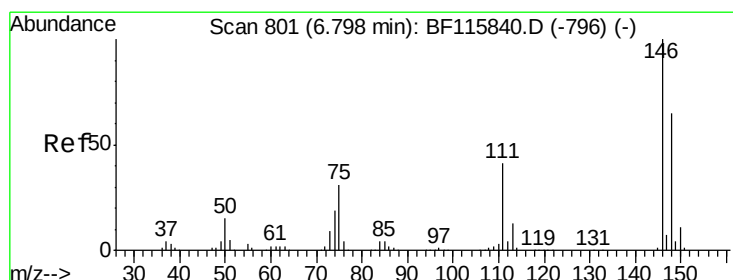
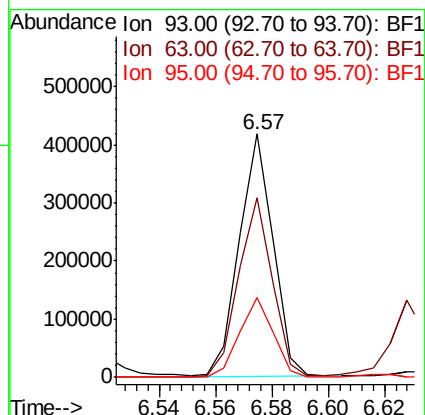
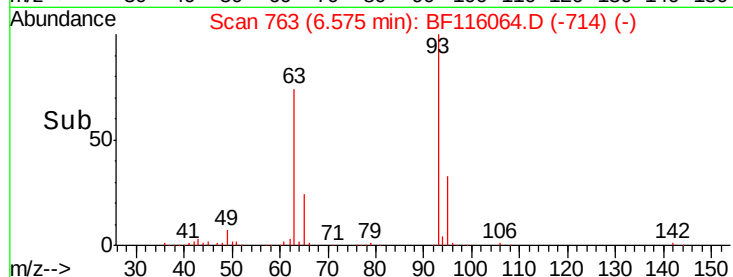
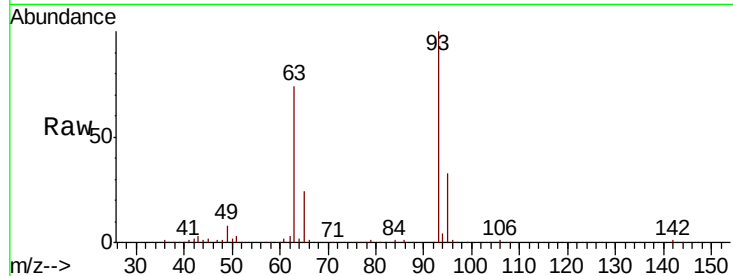




#11
bis(2-Chloroethyl)ether
Concen: 37.917 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

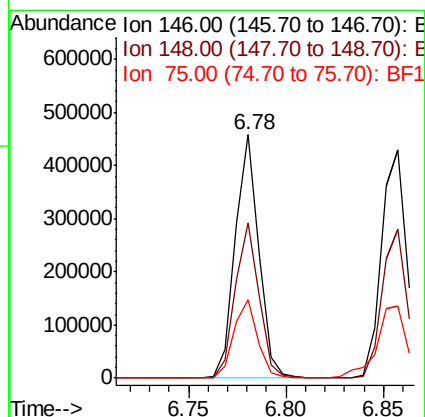
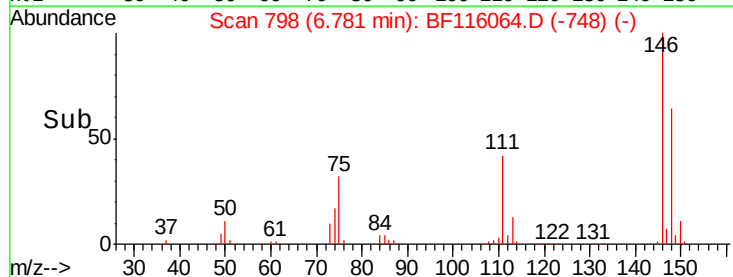
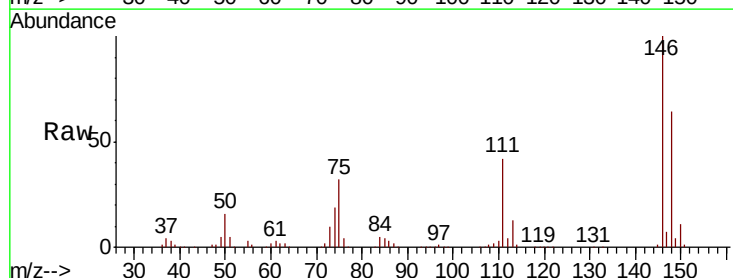
Instrument :
BNA_F
ClientSampleId :

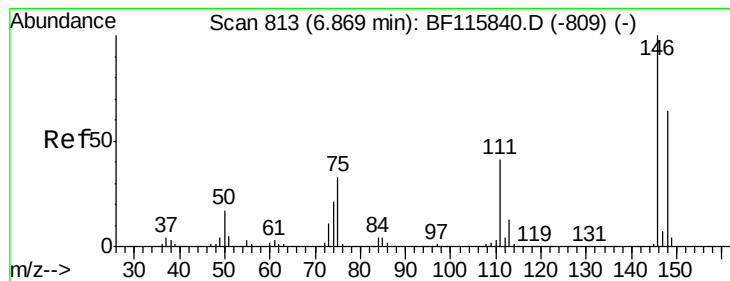
Tot Ion: 93 Resp: 346927
Ion Ratio Lower Upper
93 100
63 73.7 51.9 91.9
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 35.920 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion: 146 Resp: 384499
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 32.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 36.694 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

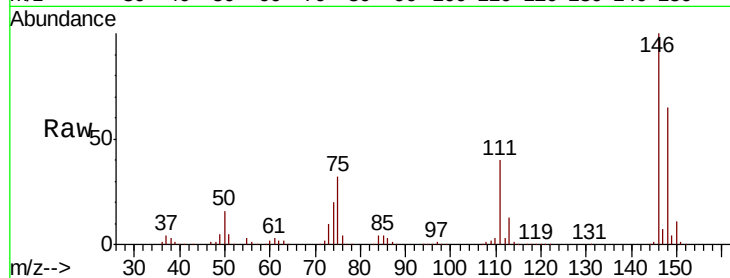
Tot Ion:146 Resp: 393278

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

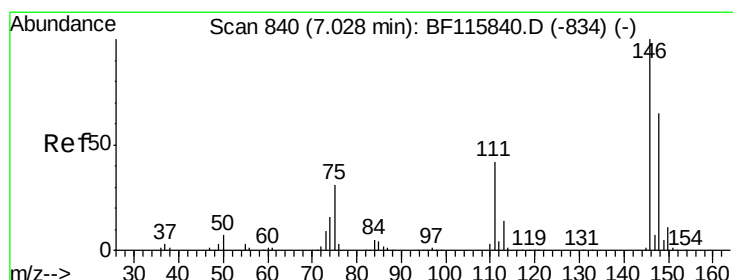
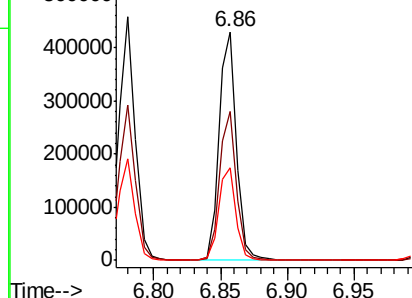
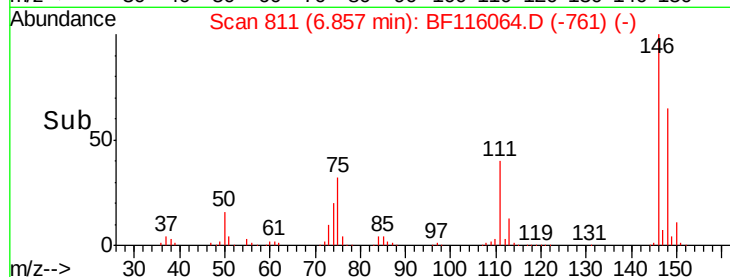
111 40.5 34.0 51.0



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: 36.701 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

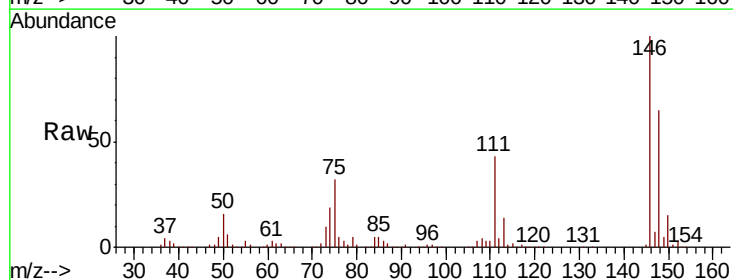
Tgt Ion:146 Resp: 362199

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

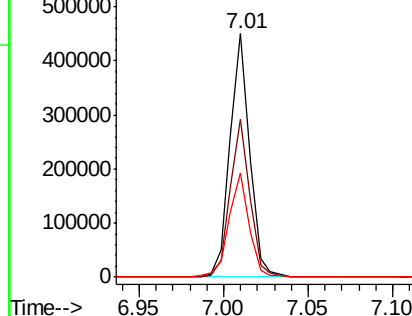
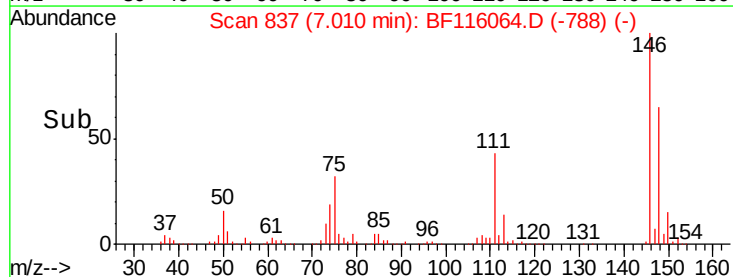
111 42.6 33.5 50.3

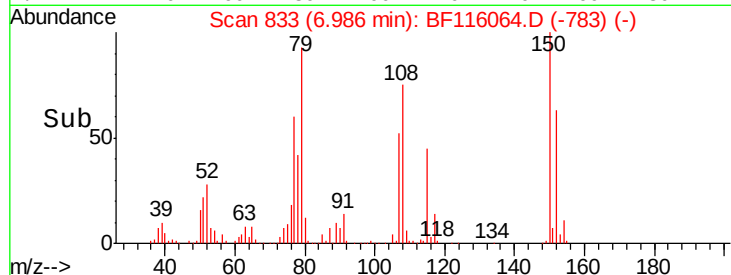
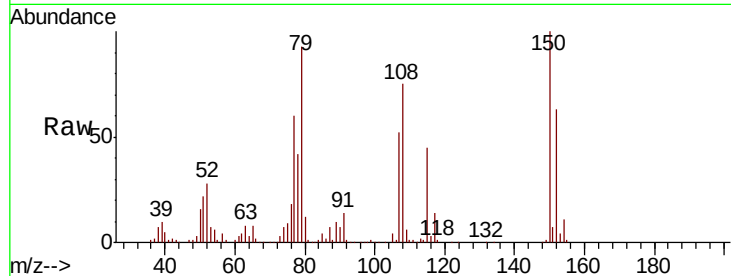
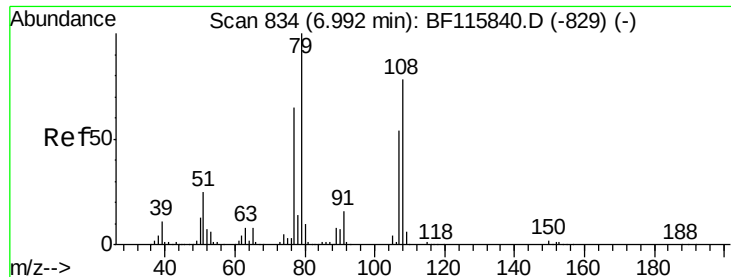


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

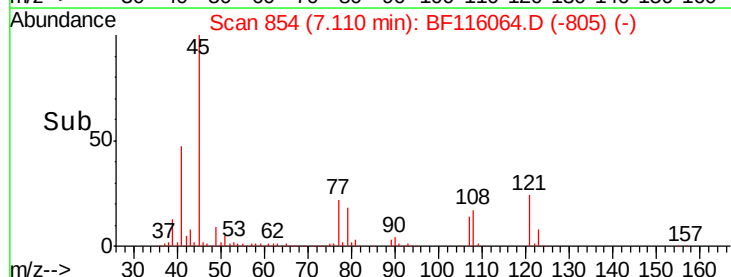
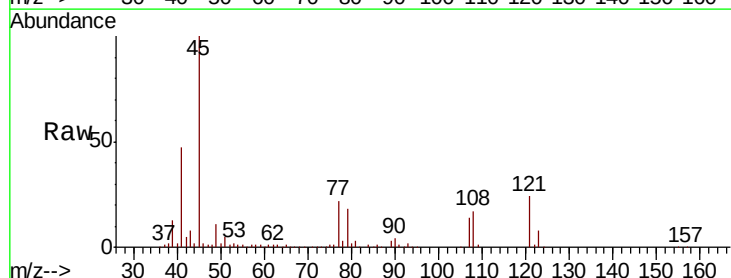
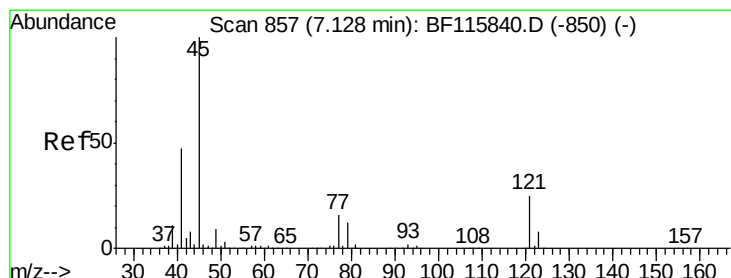
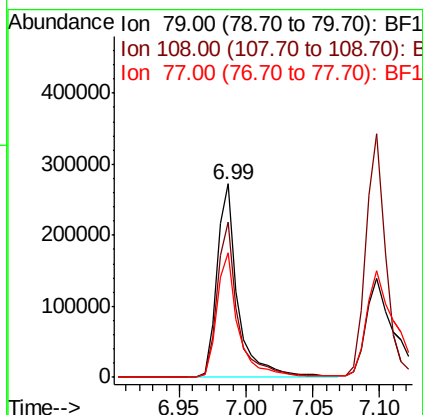




#15
Benzyl Alcohol
Concen: 37.862 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

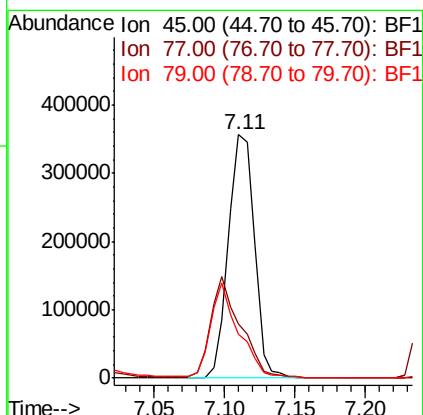
Instrument :
BNA_F
ClientSampled :

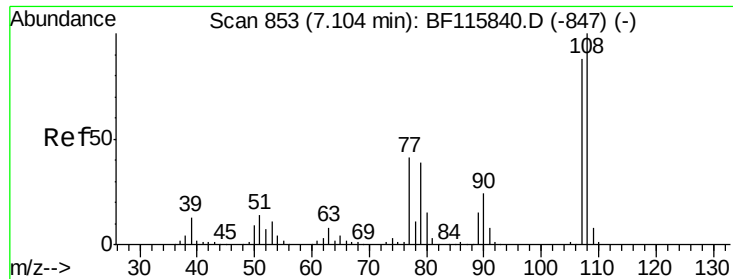
Tot Ion: 79 Resp: 303654
Ion Ratio Lower Upper
79 100
108 80.4 62.7 94.1
77 64.5 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.923 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion: 45 Resp: 460803
Ion Ratio Lower Upper
45 100
77 22.5 0.0 40.0
79 17.8 0.0 35.9

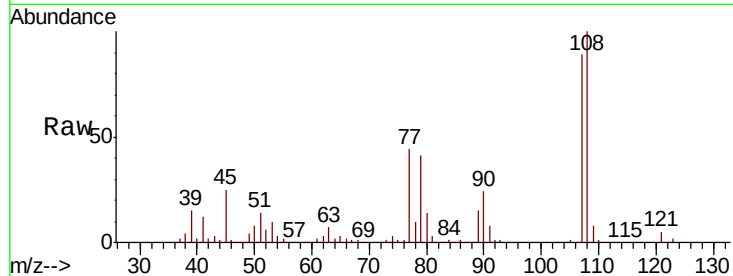




#17
2-Methylphenol
Concen: 39.378 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	308835
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.2	136.8
77	49.3	40.3	60.5
79	46.0	37.6	56.4



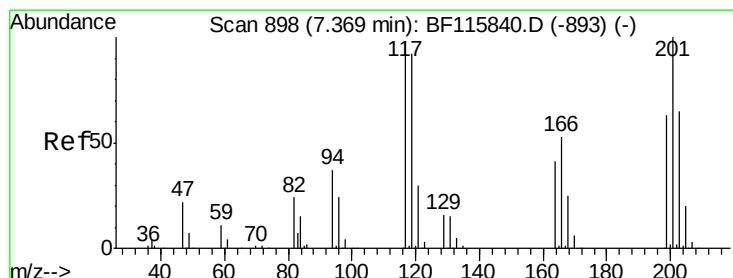
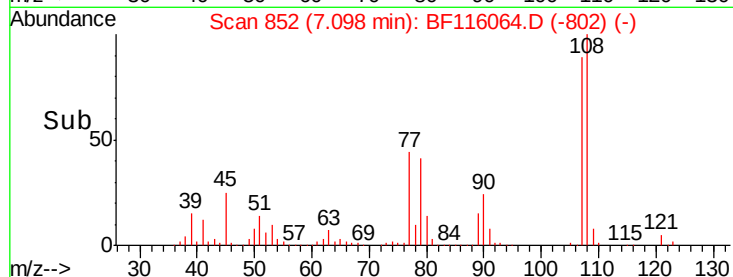
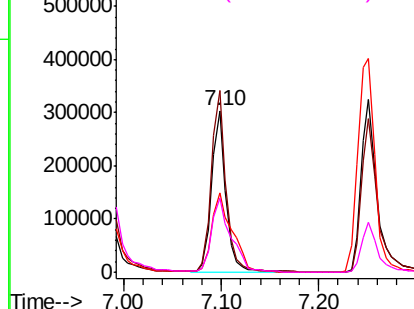
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

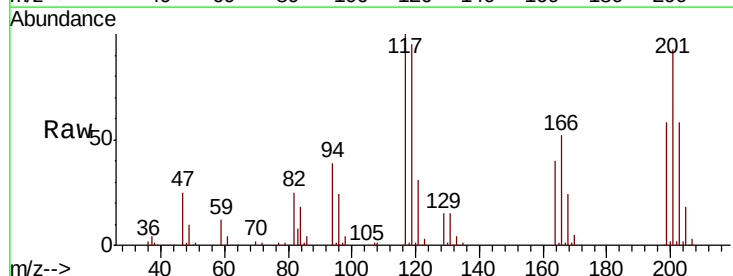
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.209 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:	117	Resp:	142885
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.1	114.1
201	92.5	77.0	115.4

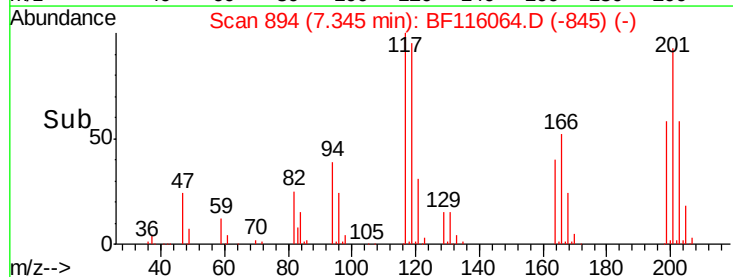
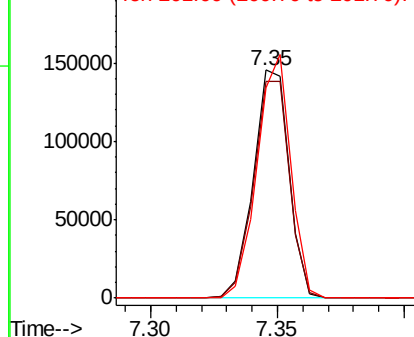


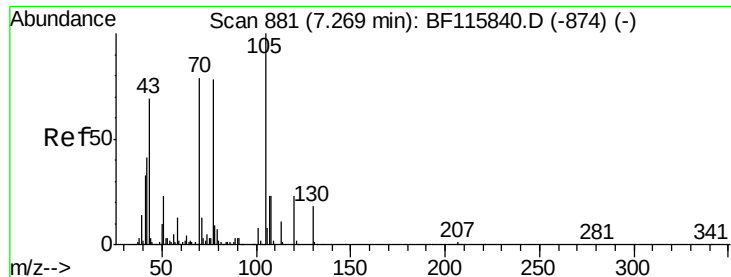
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

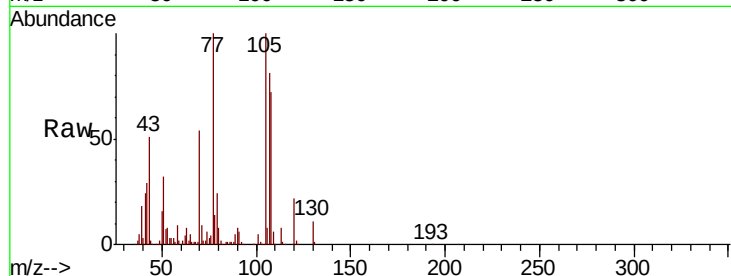




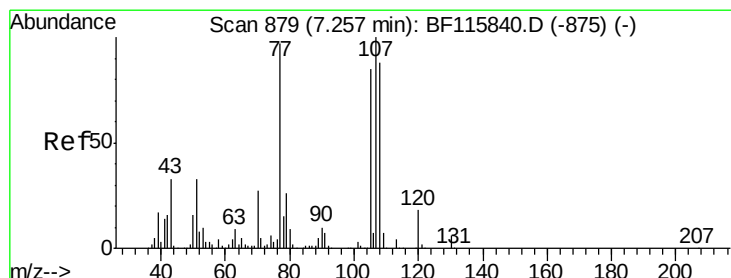
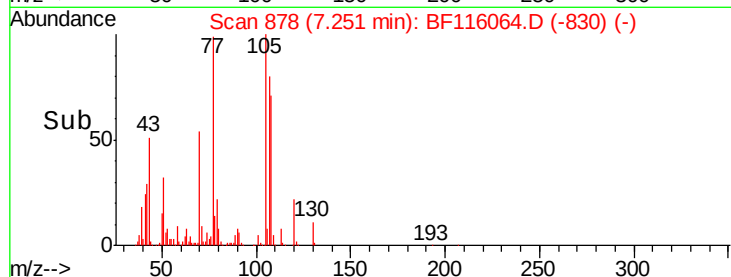
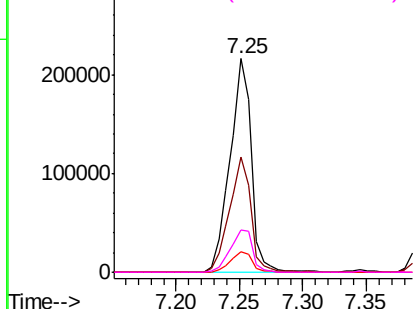
#19
n-Nitroso-di-n-propylamine
Concen: 38.160 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	249900
Ion	Ratio	Lower	Upper
70	100		
42	53.8	40.9	61.3
101	9.7	7.9	11.9
130	20.1	16.9	25.3

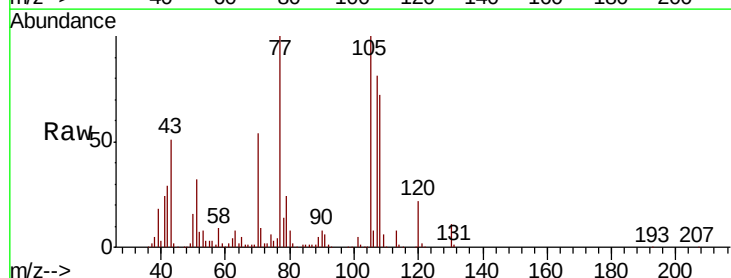


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

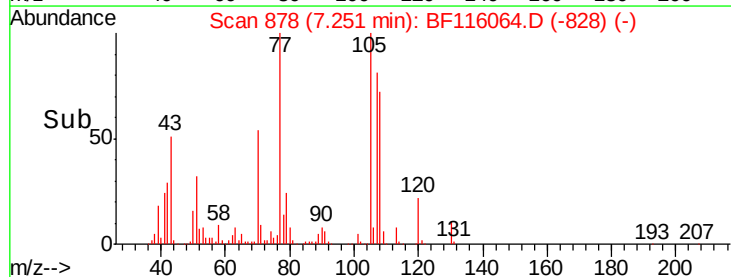
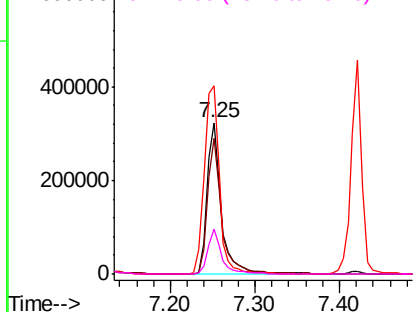


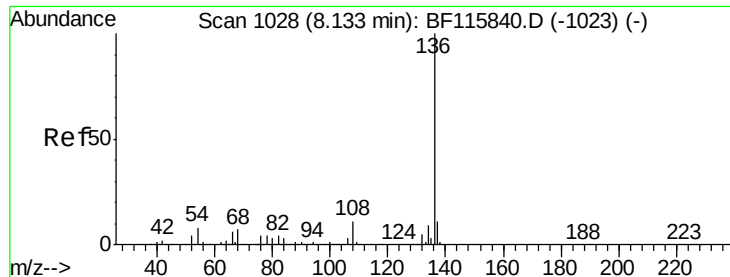
#20
3+4-Methylphenols
Concen: 40.378 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:	107	Resp:	374746
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.6	107.6
77	123.9	104.4	144.4
79	29.3	7.4	47.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
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: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 569828

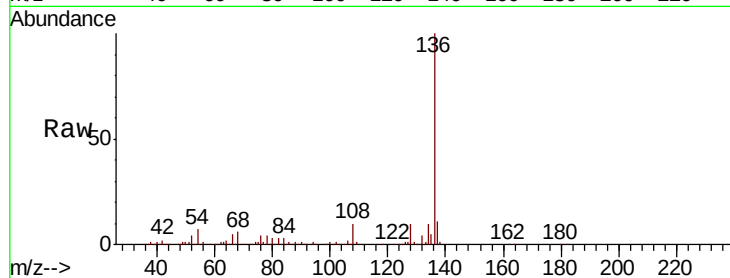
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.6 5.8 8.6

68 5.9 5.2 7.8

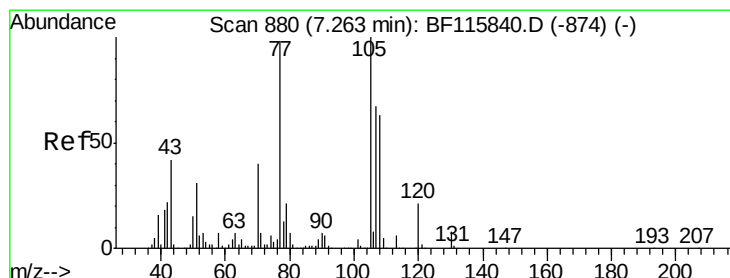
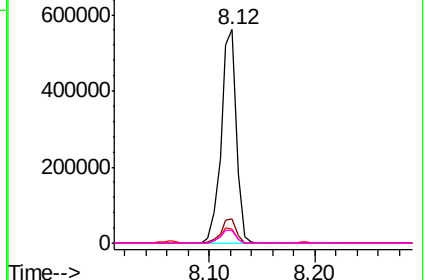
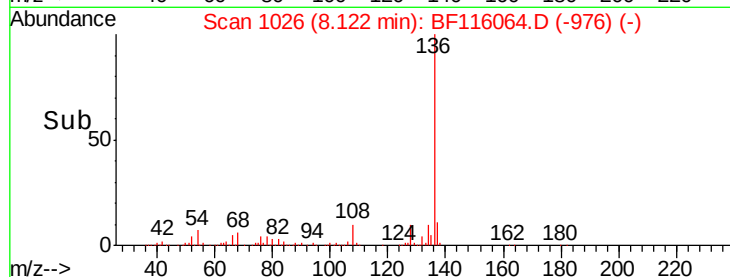


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.564 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:105 Resp: 494439

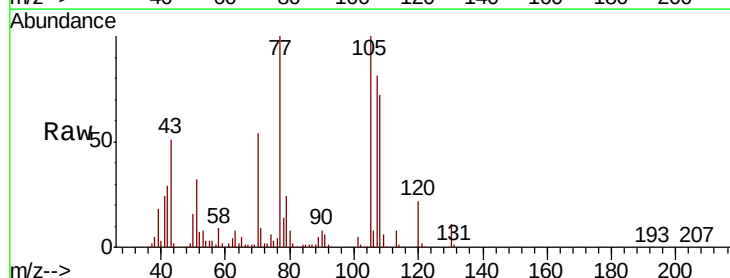
Ion Ratio Lower Upper

105 100

71 9.0 5.9 8.9#

51 32.4 25.3 37.9

120 22.1 17.9 26.9

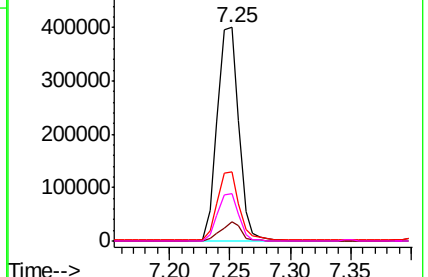
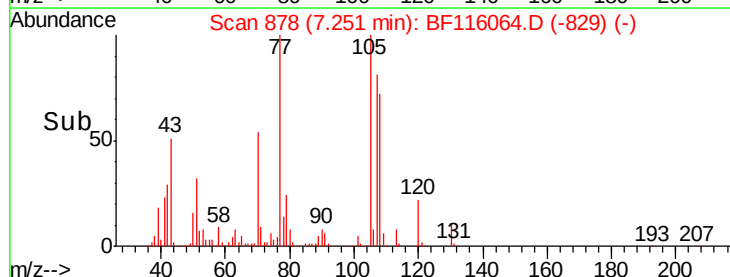


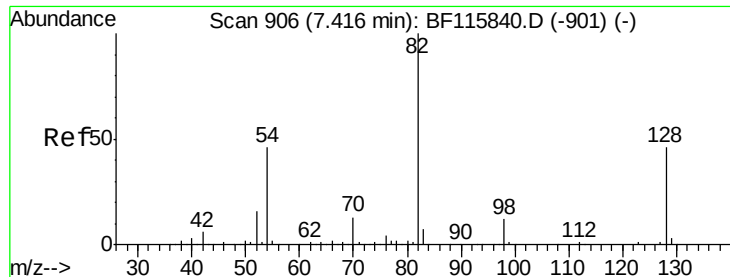
Abundance Ion 105.00 (104.70 to 105.70): E

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

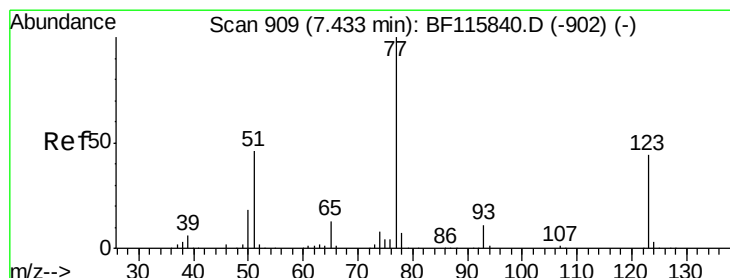
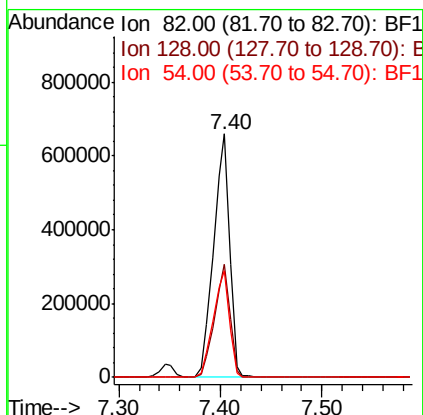
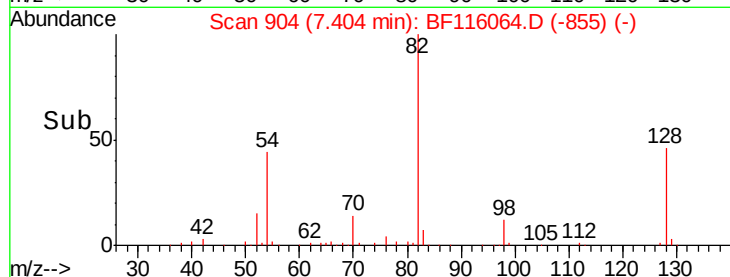
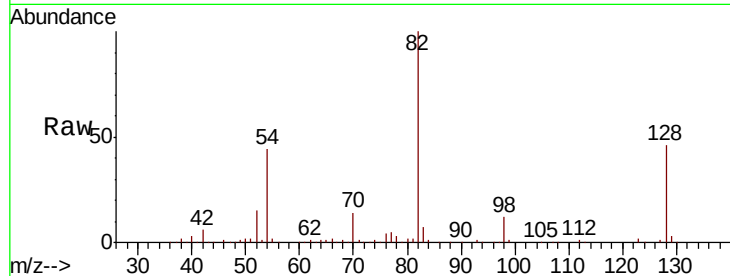




#23
Nitrobenzene-d5
Concen: 73.448 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

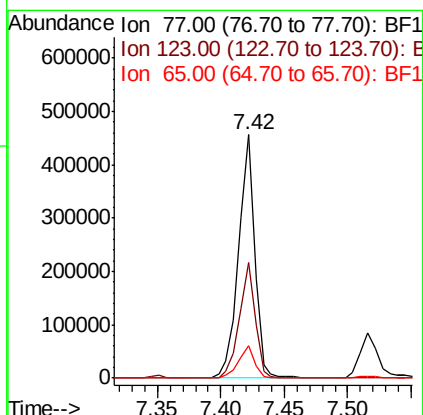
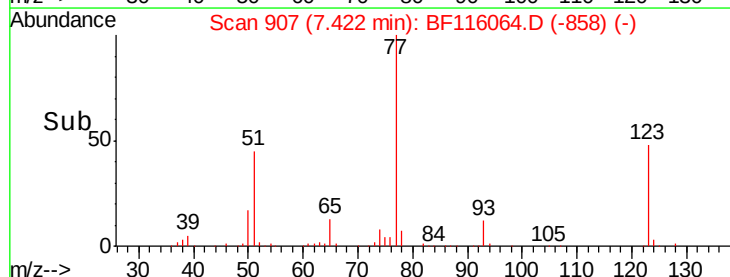
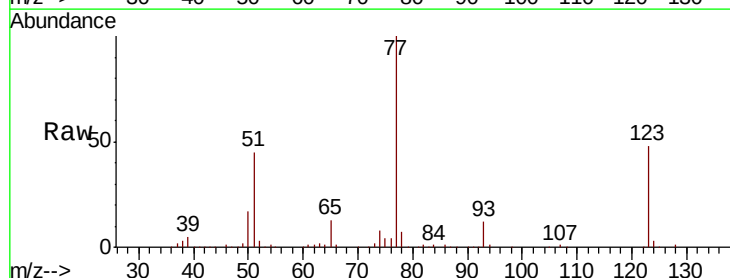
Instrument :
BNA_F
ClientSampled :

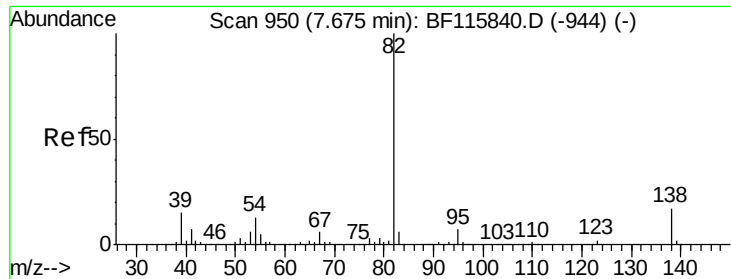
Tot Ion: 82 Resp: 725065
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 43.7 36.0 54.0



#24
Nitrobenzene
Concen: 37.627 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion: 77 Resp: 401073
Ion Ratio Lower Upper
77 100
123 47.5 36.7 55.1
65 13.3 10.6 16.0





#25

Isophorone

Concen: 38.860 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

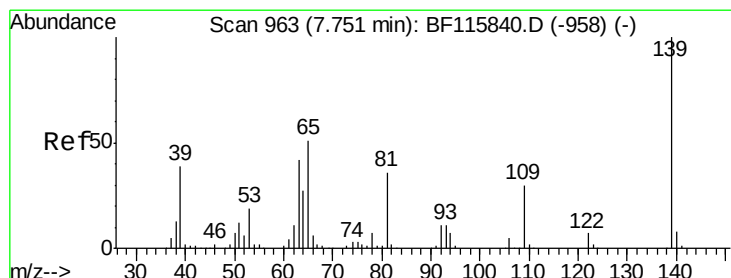
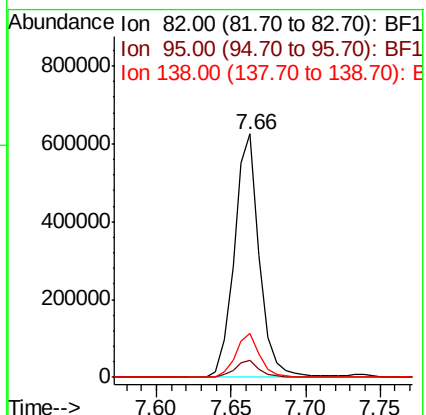
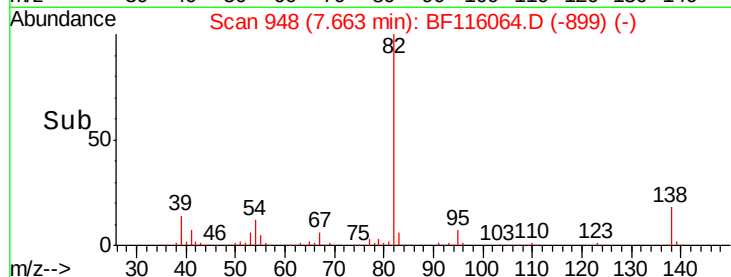
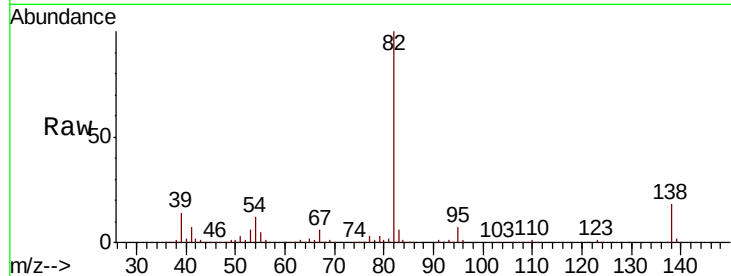
Tot Ion: 82 Resp: 733528

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 18.0 14.5 21.7



#26

2-Nitrophenol

Concen: 39.997 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

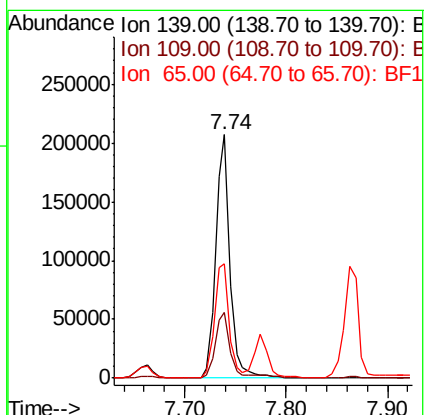
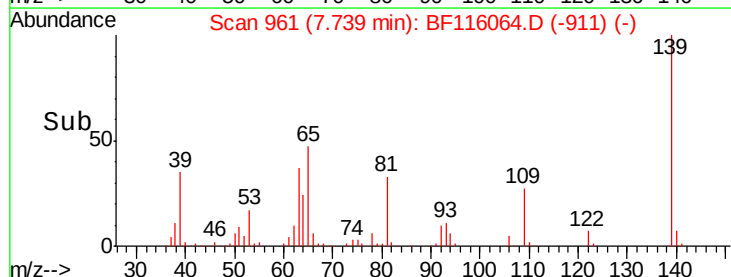
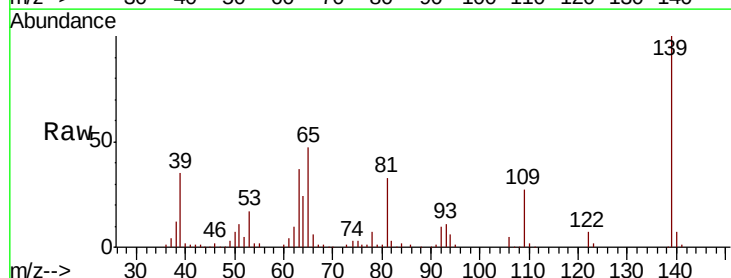
Tgt Ion: 139 Resp: 200966

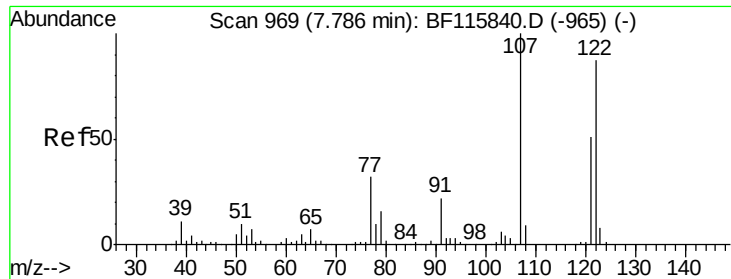
Ion Ratio Lower Upper

139 100

109 27.3 23.4 35.2

65 47.2 41.1 61.7

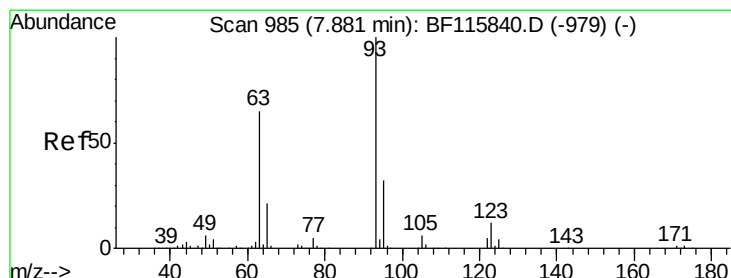
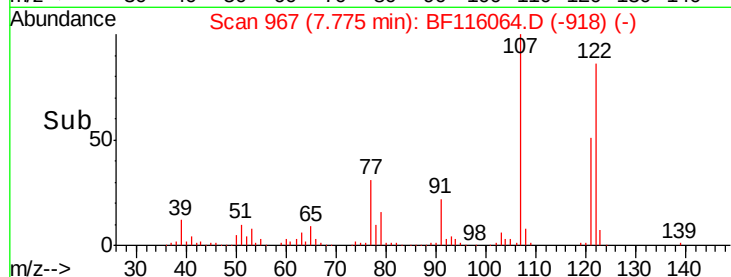
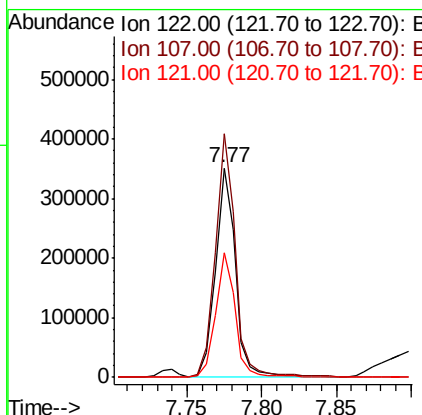
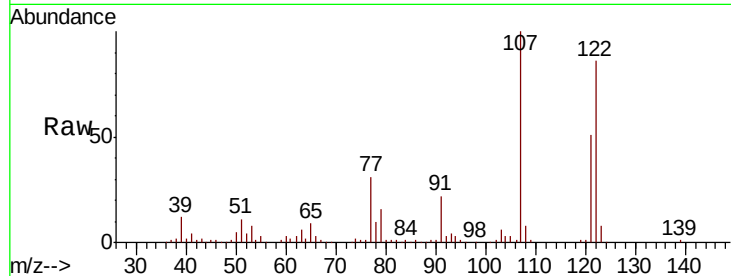




#27
 2,4-Dimethylphenol
 Concen: 43.293 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

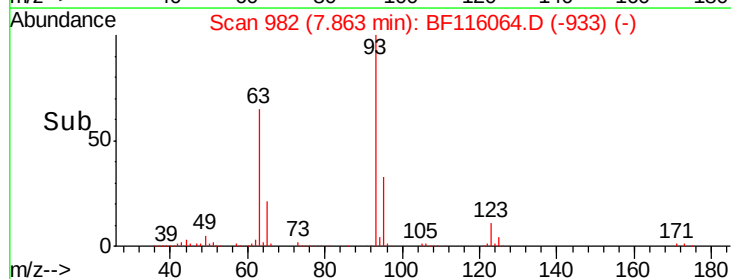
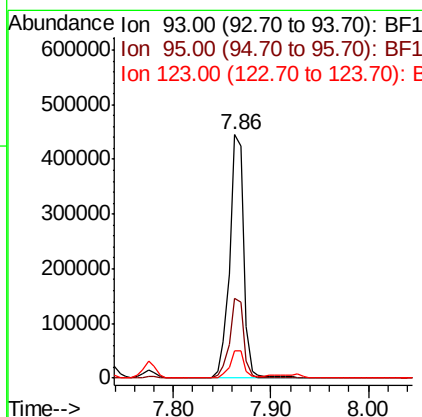
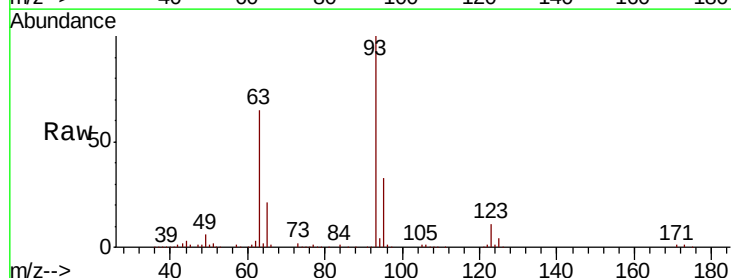
Instrument :
 BNA_F
 ClientSampled :

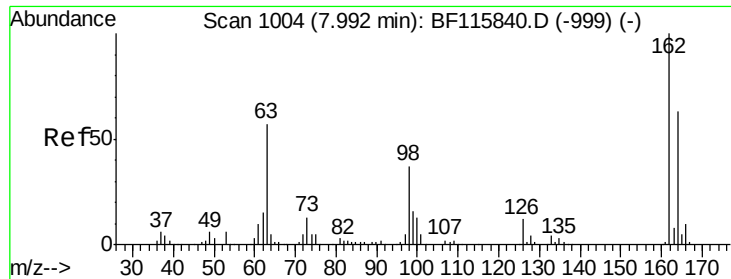
Tot Ion:122 Resp: 327265
 Ion Ratio Lower Upper
 122 100
 107 116.2 93.0 139.6
 121 59.2 47.6 71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.418 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion: 93 Resp: 449480
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 11.3 9.2 13.8

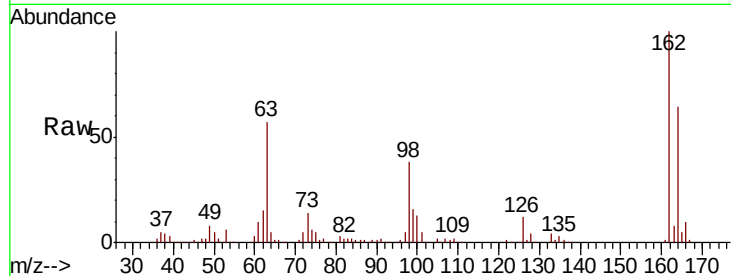




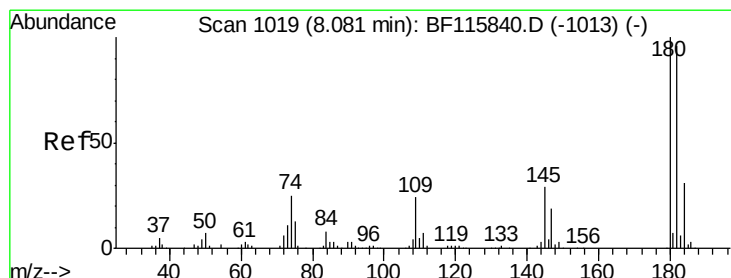
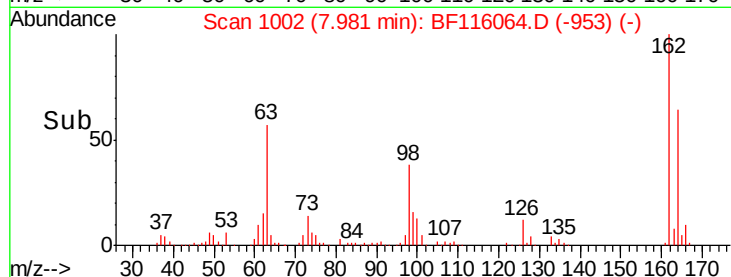
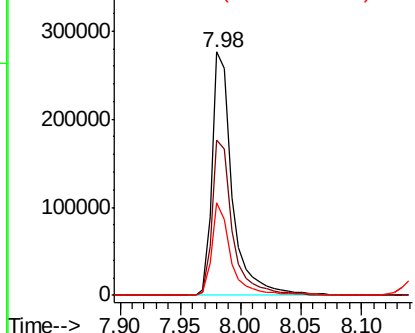
#29
 2,4-Dichlorophenol
 Concen: 39.869 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	38.3	15.8	55.8

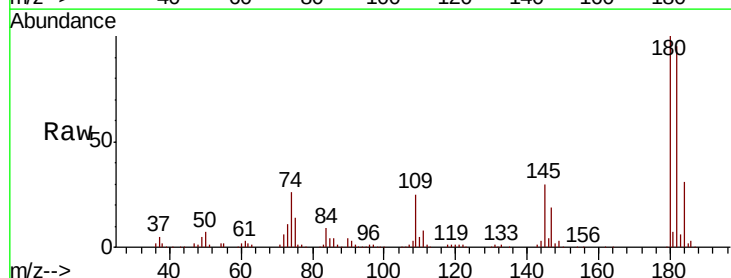


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

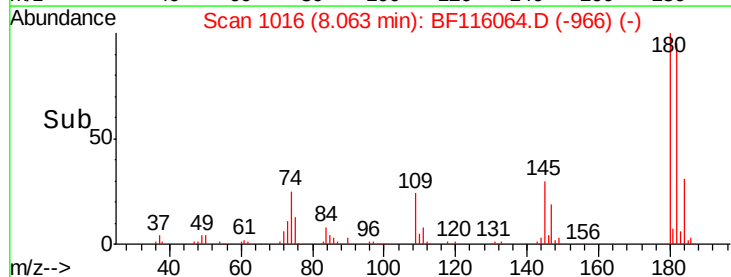
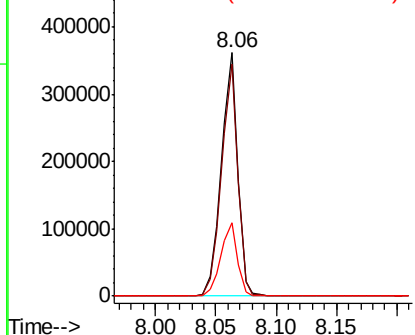


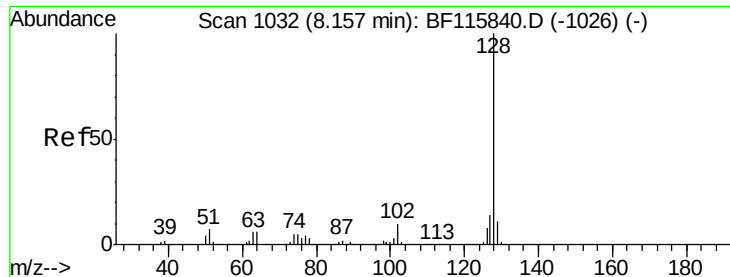
#30
 1,2,4-Trichlorobenzene
 Concen: 37.189 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	30.0	24.3	36.5



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

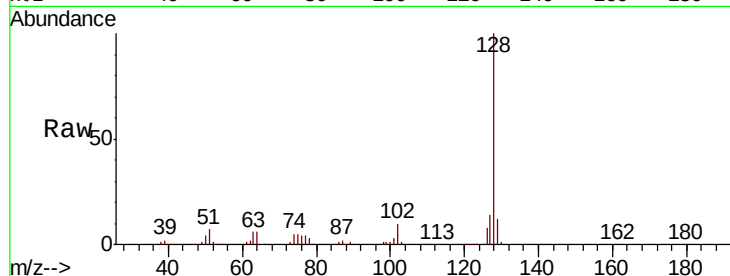




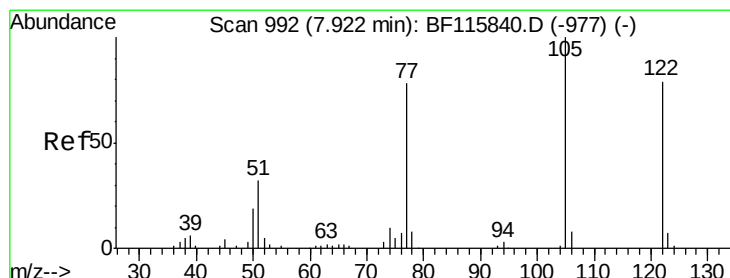
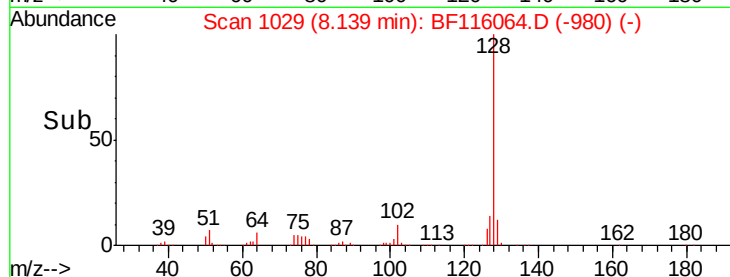
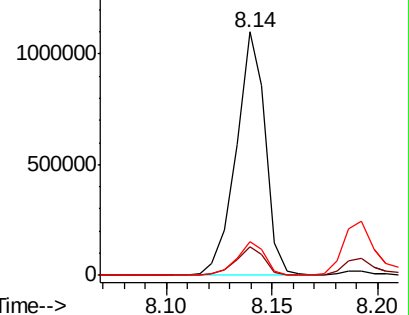
#31
Naphthalene
Concen: 39.361 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1055448
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.4 17.0

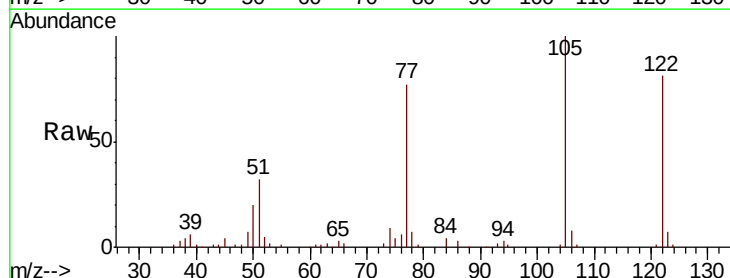


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

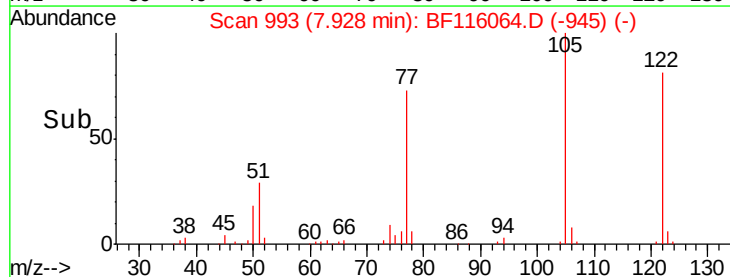
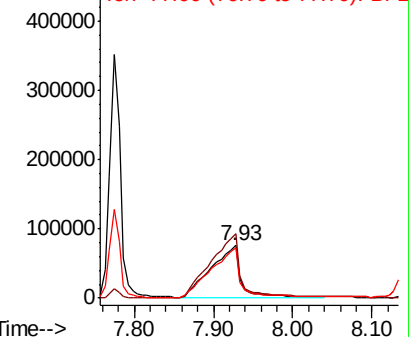


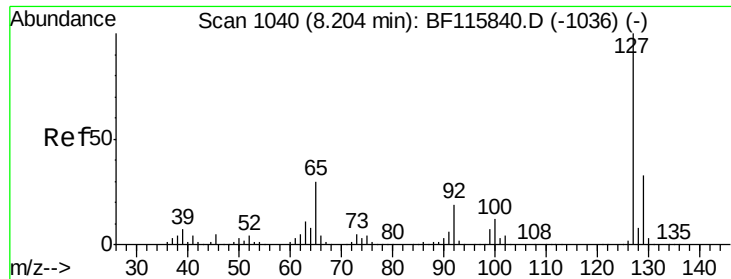
#32
Benzoic acid
Concen: 36.883 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:122 Resp: 196571
Ion Ratio Lower Upper
122 100
105 123.8 106.1 146.1
77 94.9 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

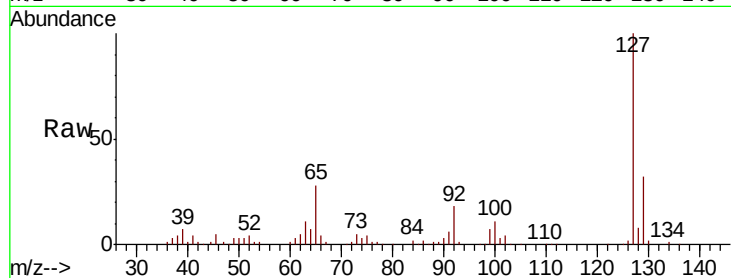




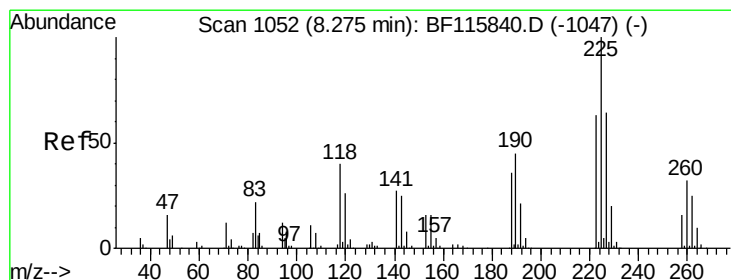
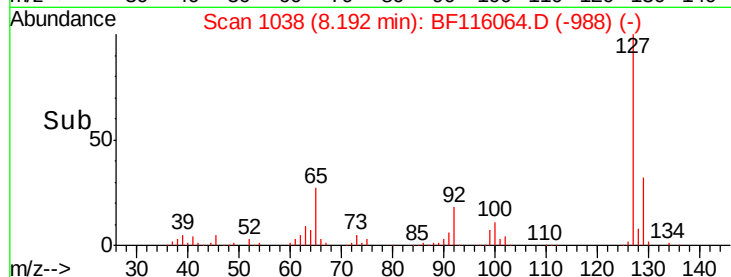
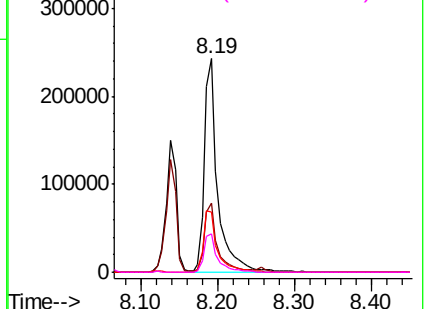
#33
 4-Chloroaniline
 Concen: 24.662 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	295474
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.1 39.1
65	28.2	24.9 37.3
92	17.8	15.7 23.5

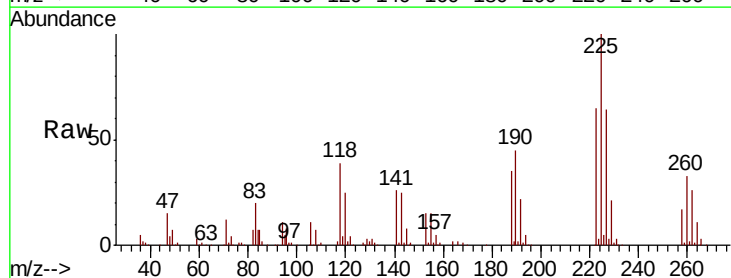


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

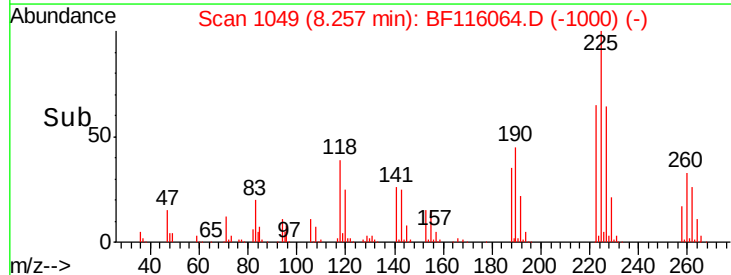
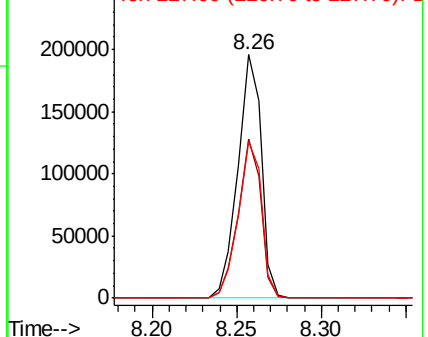


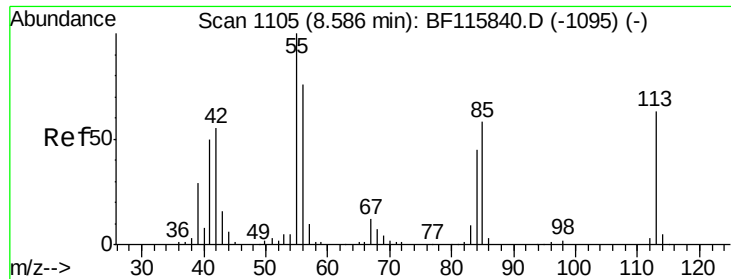
#34
 Hexachlorobutadiene
 Concen: 36.162 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:225	Resp:	189509
Ion Ratio	Lower	Upper
225	100	
223	65.5	50.0 75.0
227	64.4	51.0 76.4



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

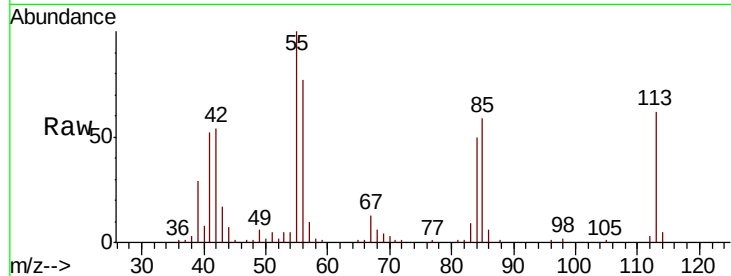




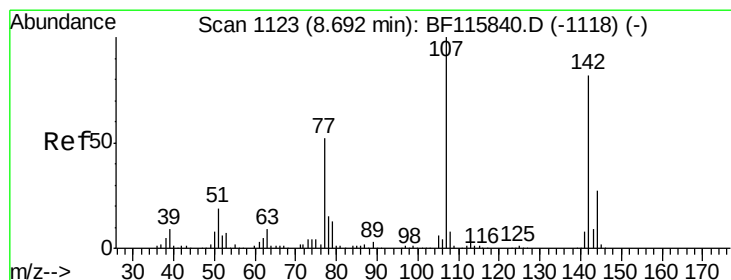
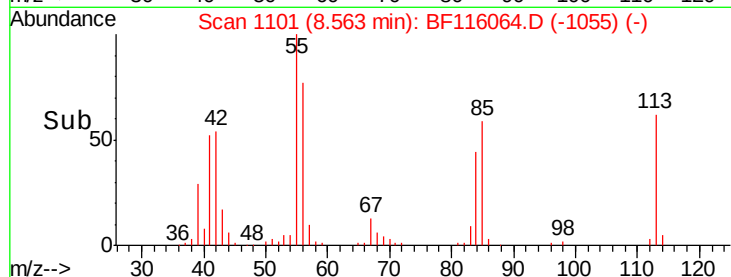
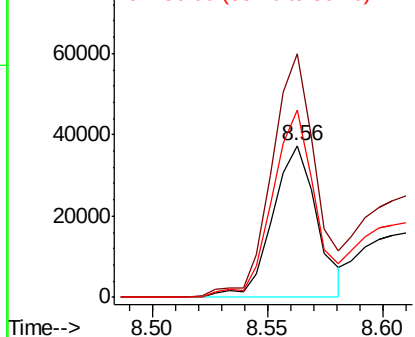
#35
Caprolactam
Concen: 19.195 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleID :

Tot Ion:113 Resp: 49551
Ion Ratio Lower Upper
113 100
55 160.4 144.3 184.3
56 123.0 97.1 137.1

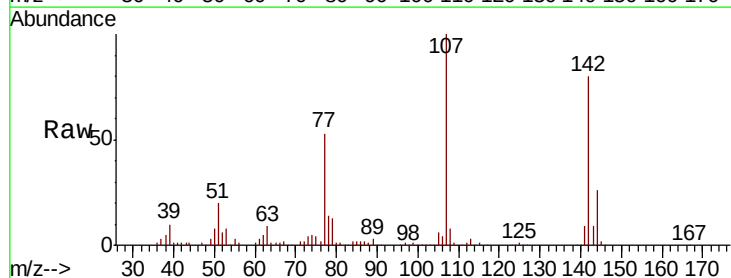


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

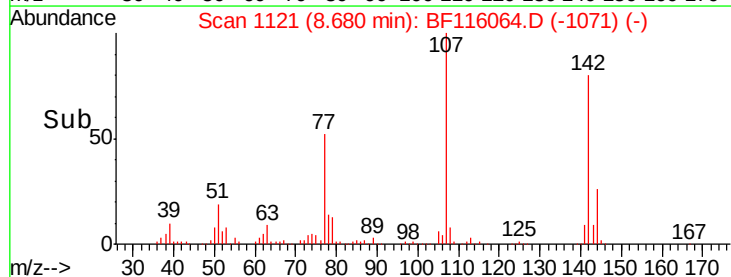
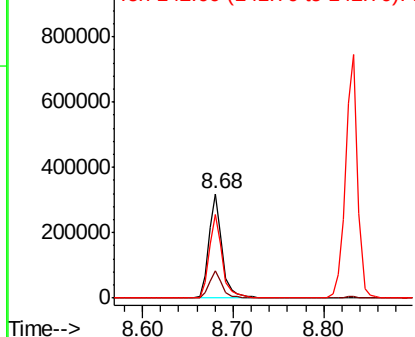


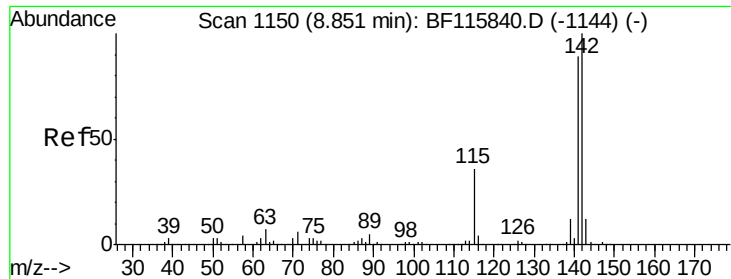
#36
4-Chloro-3-methylphenol
Concen: 39.952 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:107 Resp: 331743
Ion Ratio Lower Upper
107 100
144 26.2 20.2 30.2
142 79.6 61.7 92.5



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

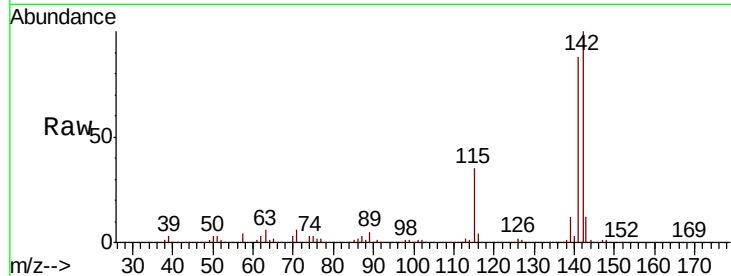




#37
2-Methylnaphthalene
Concen: 39.565 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	34.6	29.0	43.6

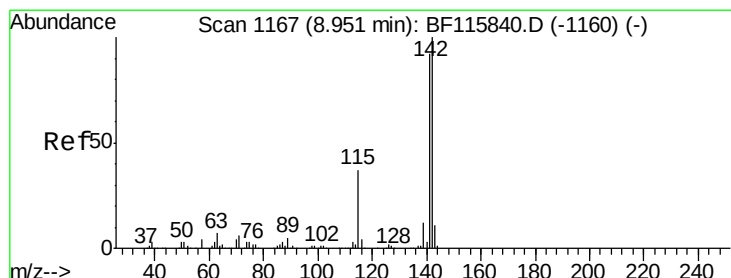
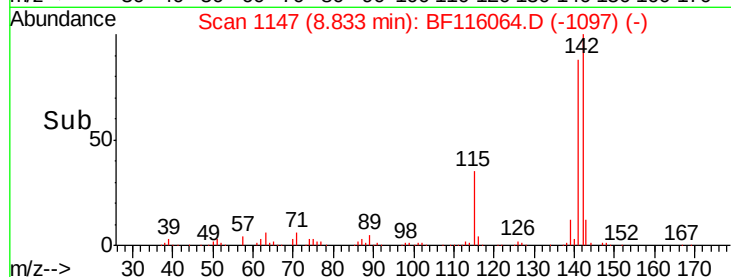
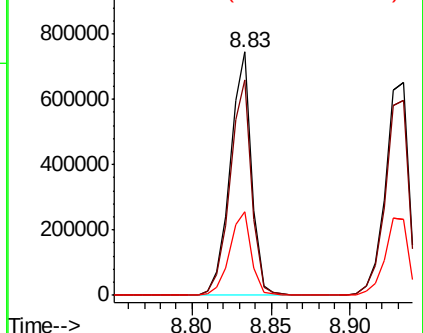


Abundance

Ion 142.00 (141.70 to 142.70): E

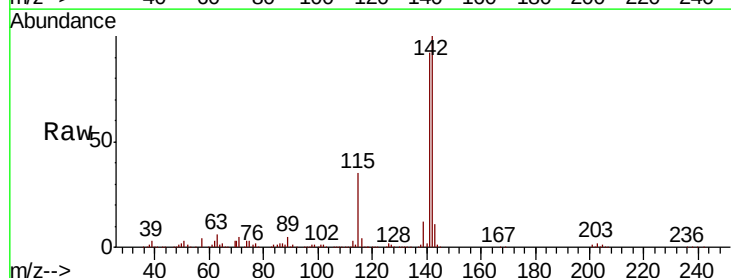
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.657 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.4	111.6
116	3.7	3.1	4.7

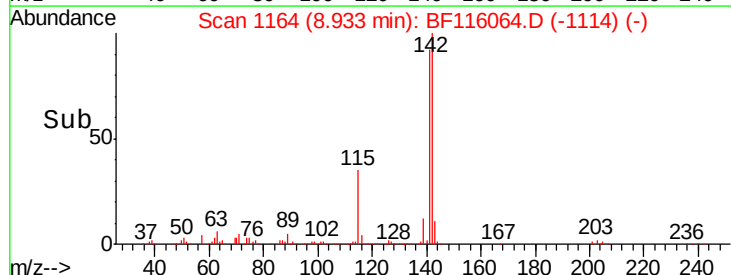
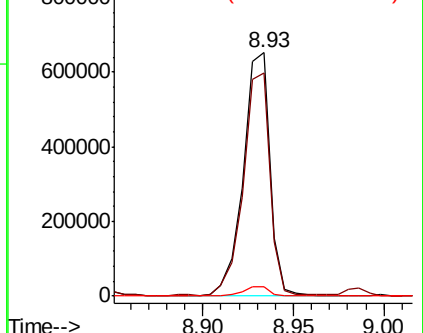


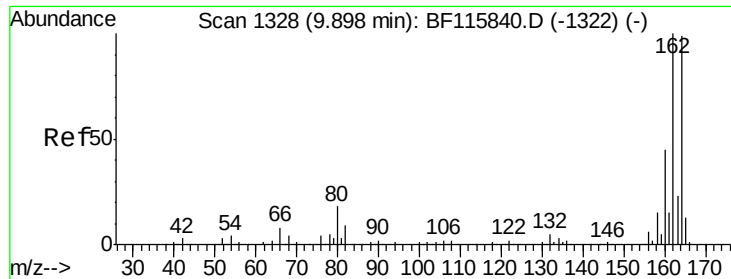
Abundance

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

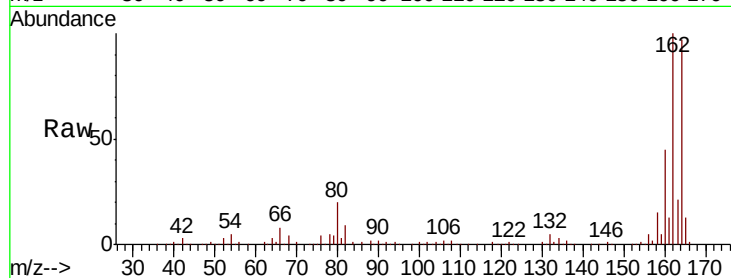
Tot Ion:164 Resp: 305931

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

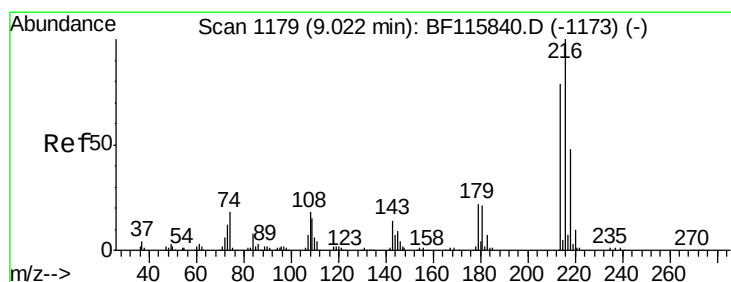
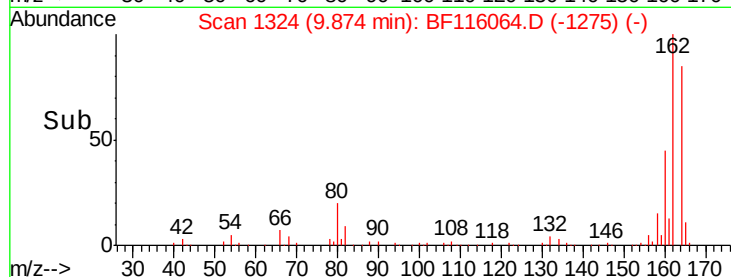
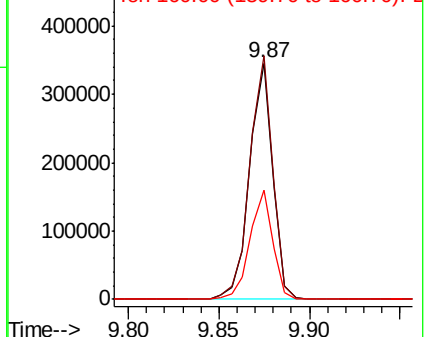
160 46.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.388 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:216 Resp: 322143

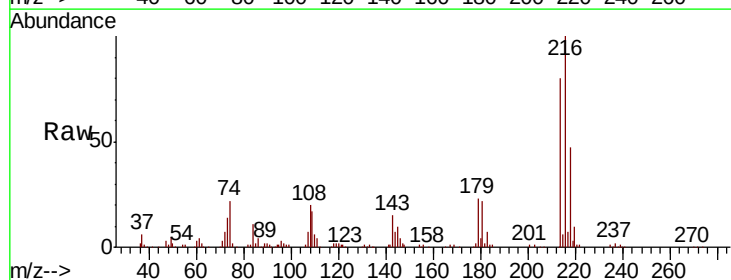
Ion Ratio Lower Upper

216 100

214 80.4 63.6 95.4

179 21.9 17.8 26.8

108 20.5 16.5 24.7

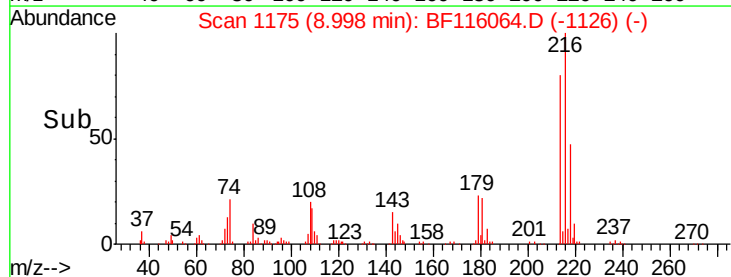
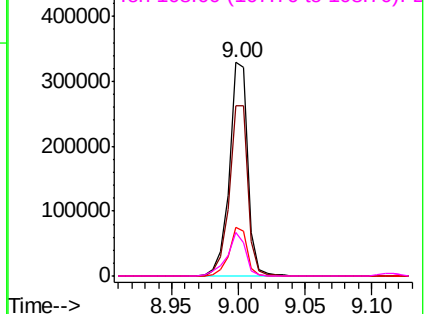


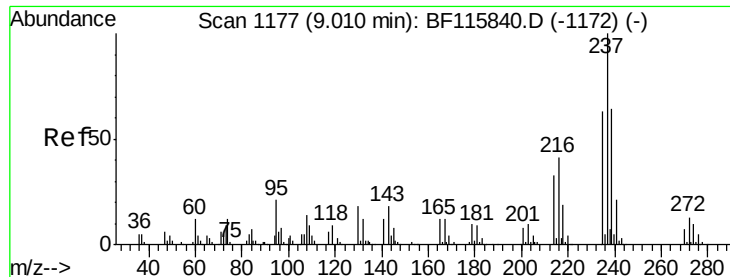
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

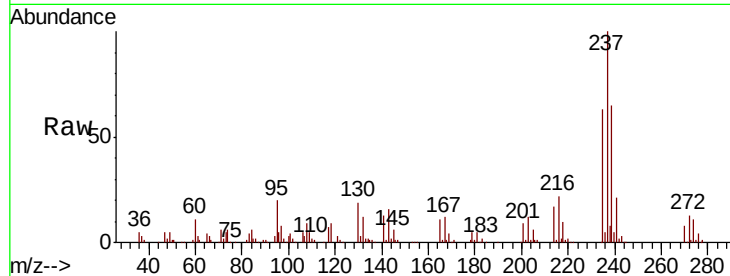




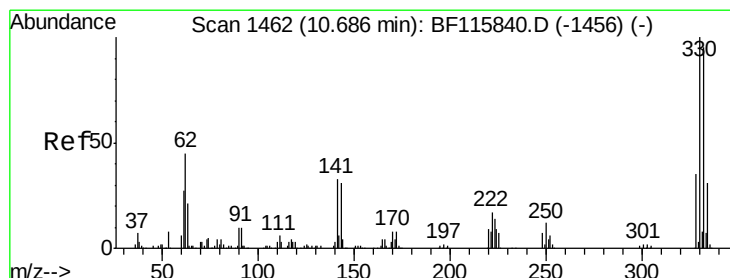
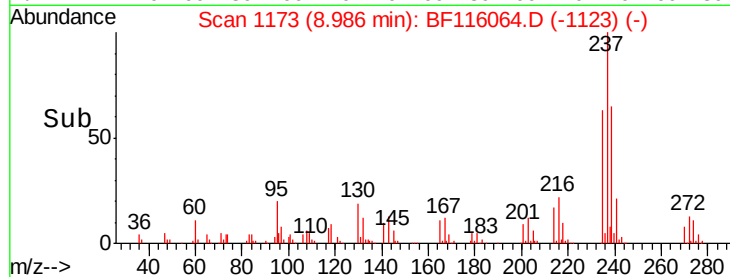
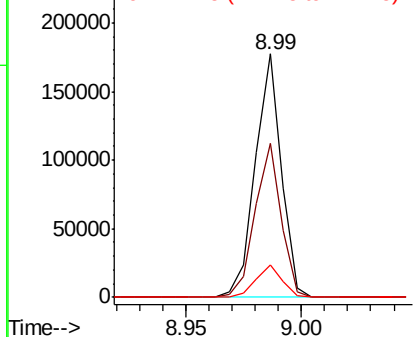
#41
Hexachlorocyclopentadiene
Concen: 41.362 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	140526
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.4	83.4
272	13.1	0.0	33.2

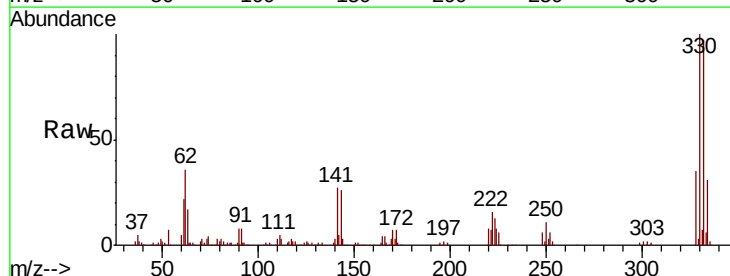


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

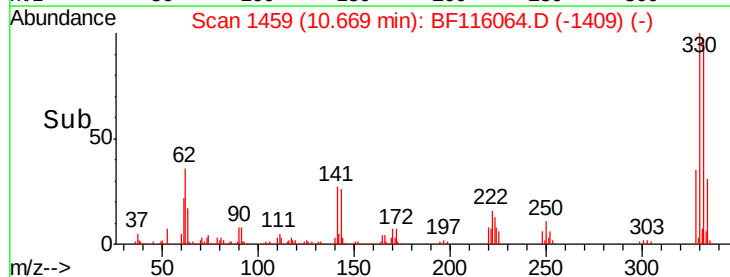
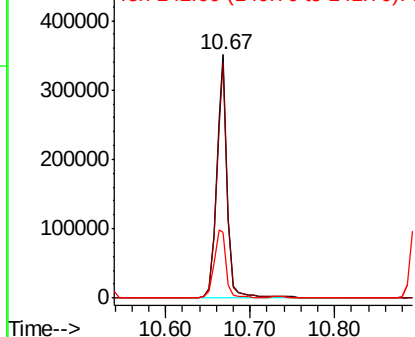


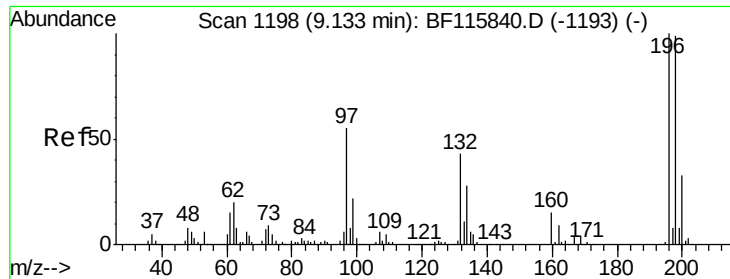
#42
2,4,6-Tribromophenol
Concen: 107.490 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:	330	Resp:	318825
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.8	115.2
141	32.1	26.3	39.5



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

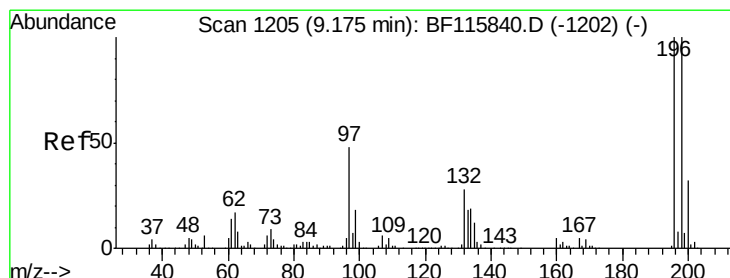
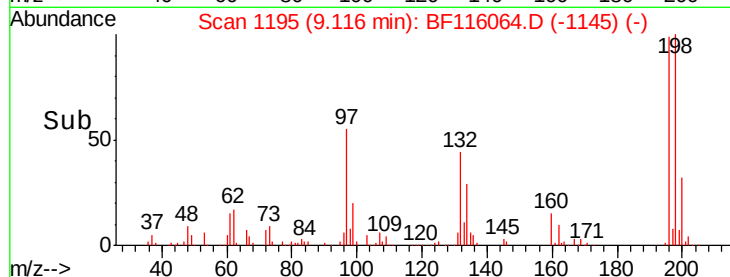
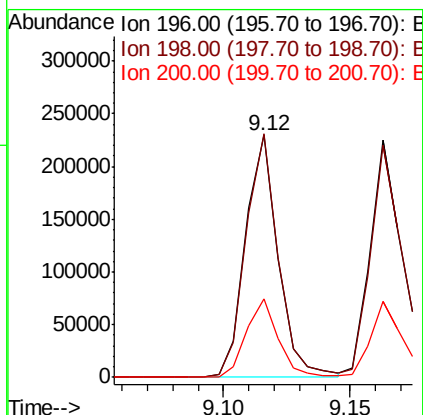
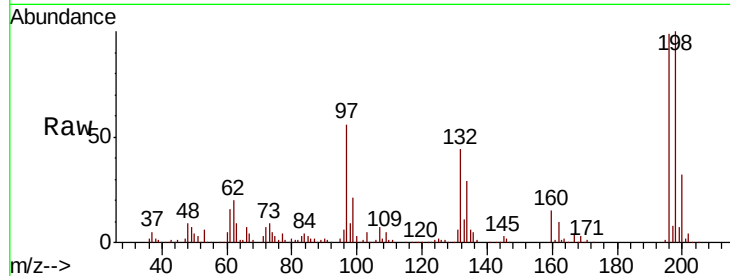




#43
 2,4,6-Trichlorophenol
 Concen: 36.876 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

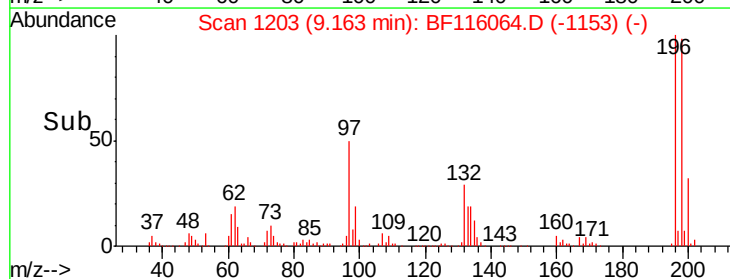
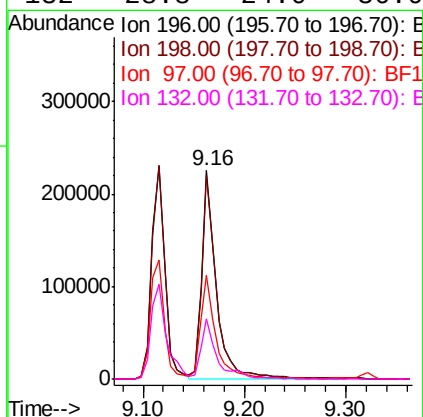
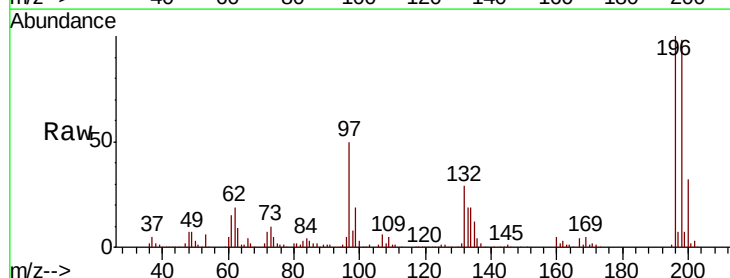
Instrument :
 BNA_F
 ClientSampled :

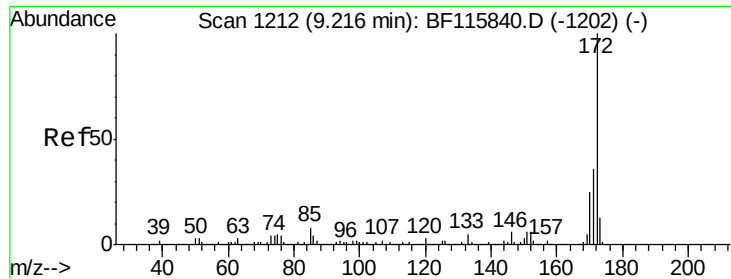
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	79.2	118.8
200	32.4	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.504 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.8	118.2
97	50.0	42.2	63.4
132	28.8	24.0	36.0

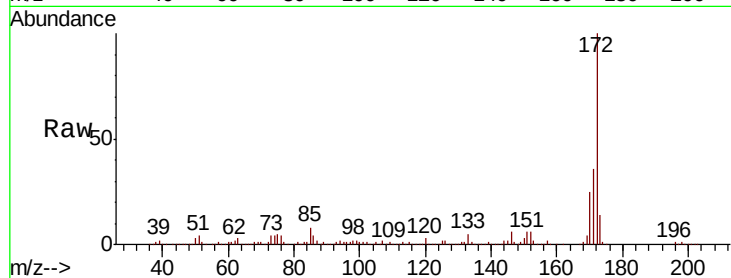




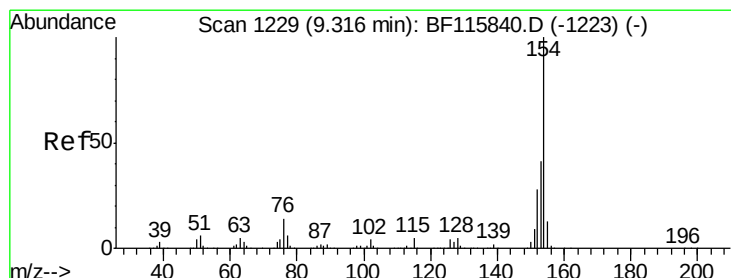
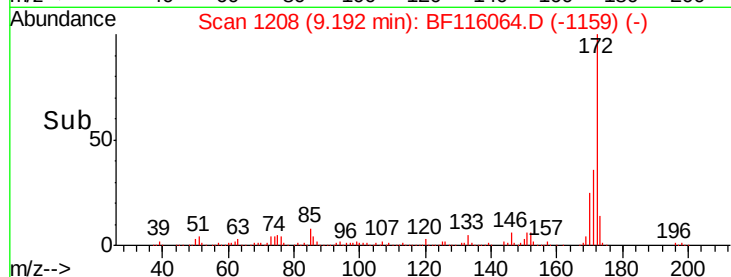
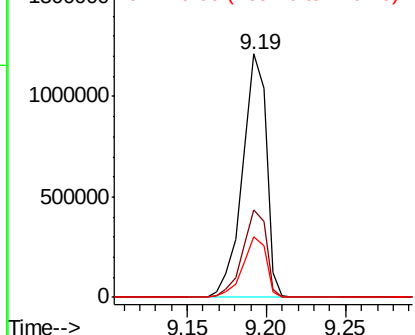
#45
2-Fluorobiphenyl
Concen: 77.442 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1264873
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.7 20.1 30.1

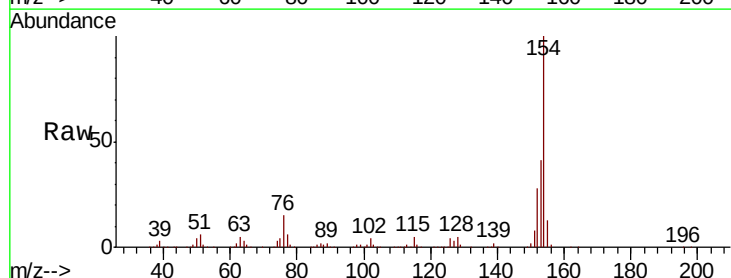


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

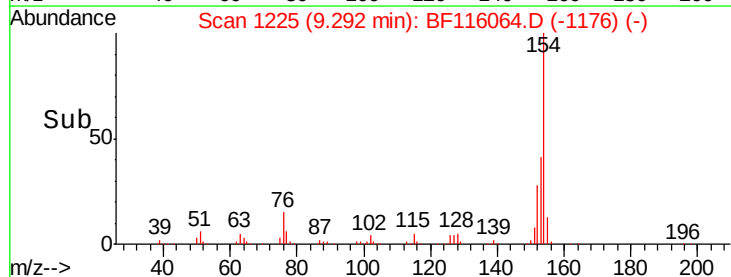
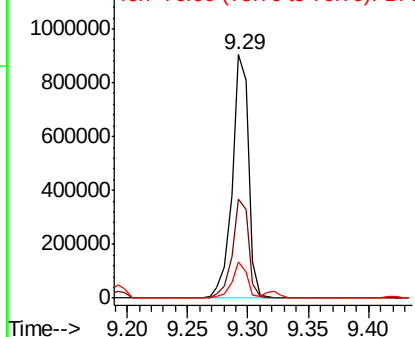


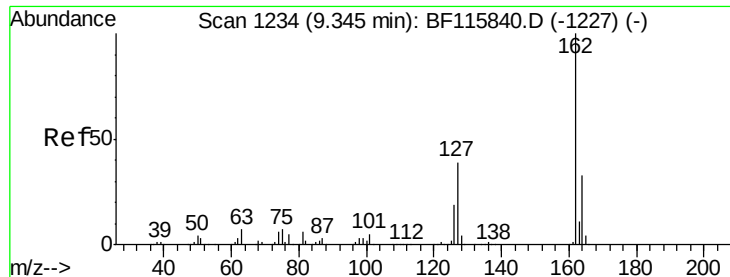
#46
1,1'-Biphenyl
Concen: 39.394 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:154 Resp: 850853
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 14.7 0.0 35.2



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

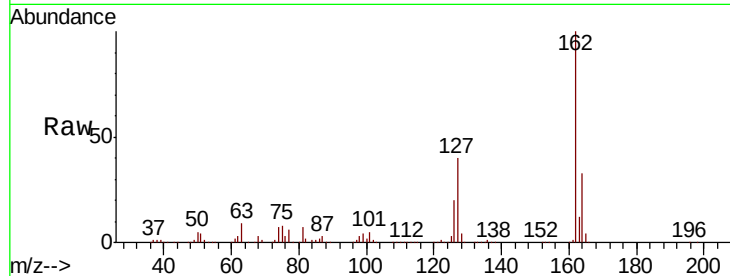




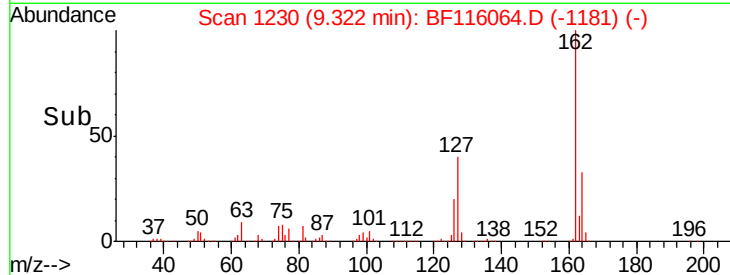
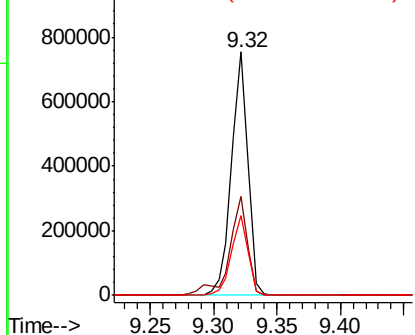
#47
 2-Chloronaphthalene
 Concen: 37.292 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.8	49.2
164	32.8	26.6	39.8

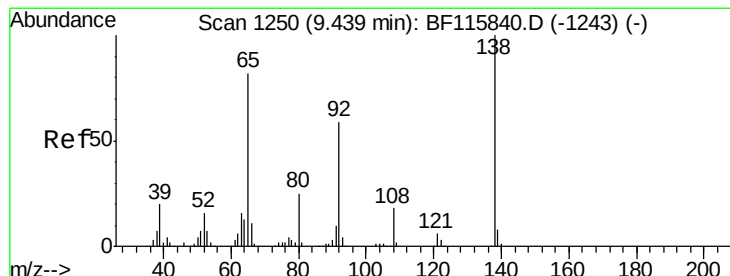


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

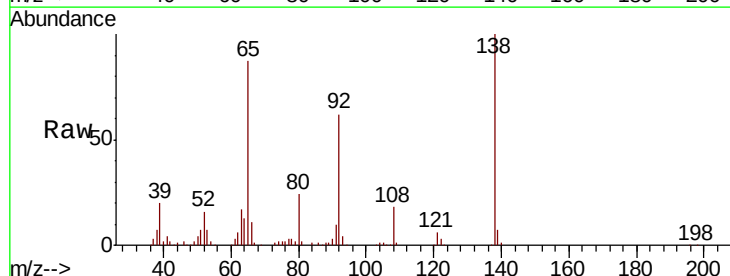
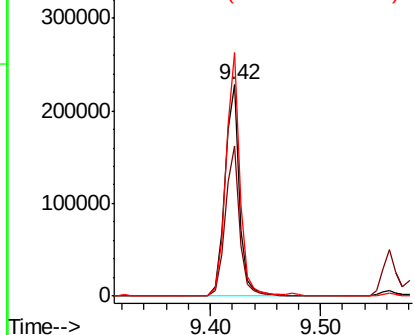


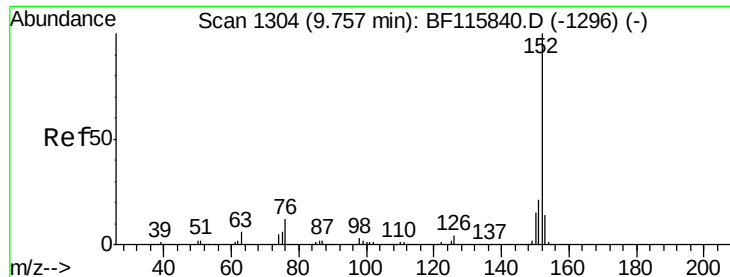
#48
 2-Nitroaniline
 Concen: 35.491 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.8	86.8
138	115.2	94.0	141.0



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: 38.497 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

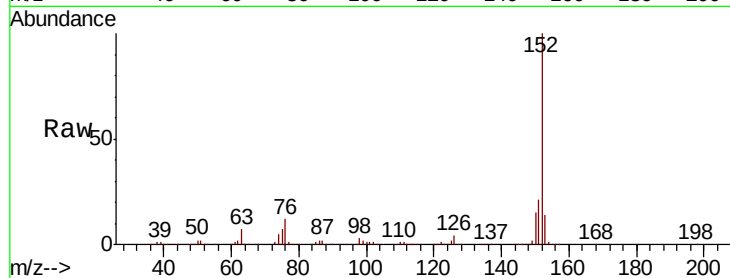
Tot Ion:152 Resp: 1009629

Ion Ratio Lower Upper

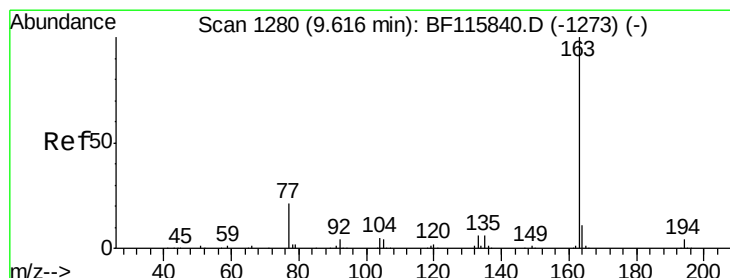
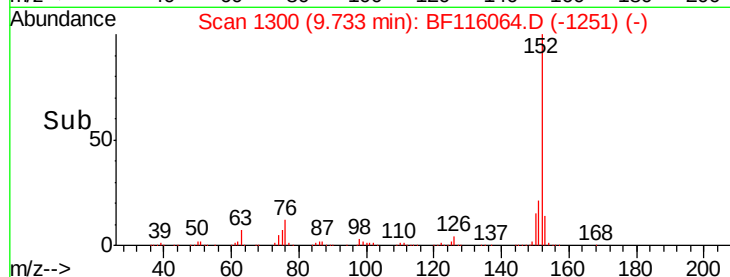
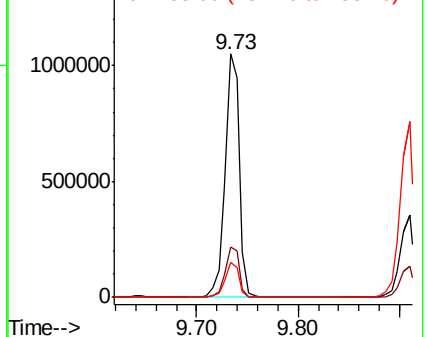
152 100

151 20.7 17.2 25.8

153 14.2 11.8 17.8



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: 38.608 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

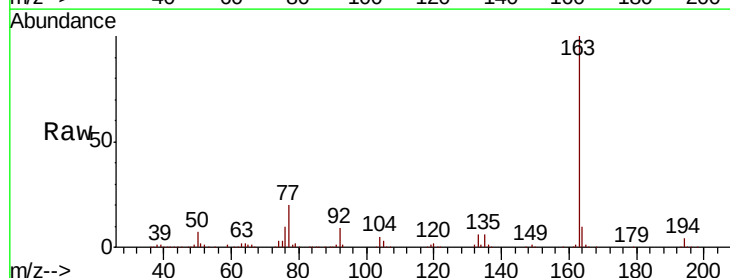
Tgt Ion:163 Resp: 804215

Ion Ratio Lower Upper

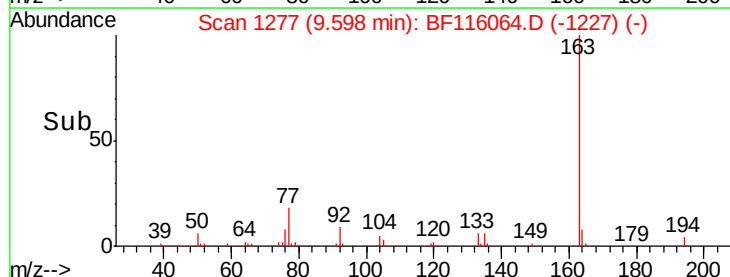
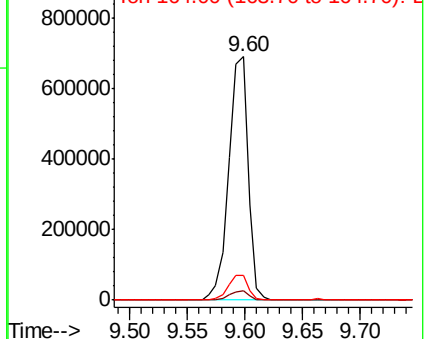
163 100

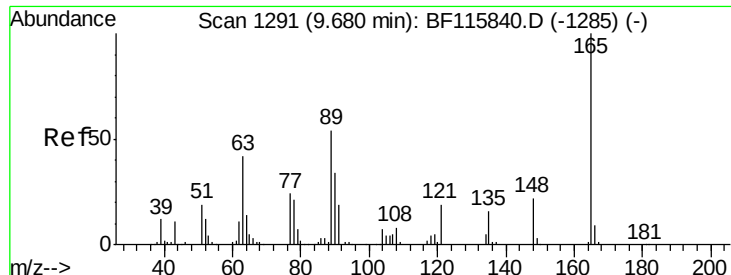
194 3.9 3.0 4.6

164 9.9 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

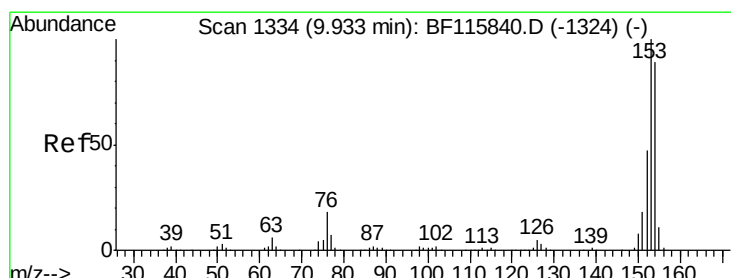
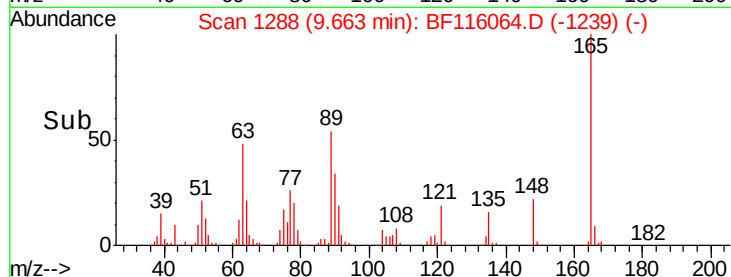
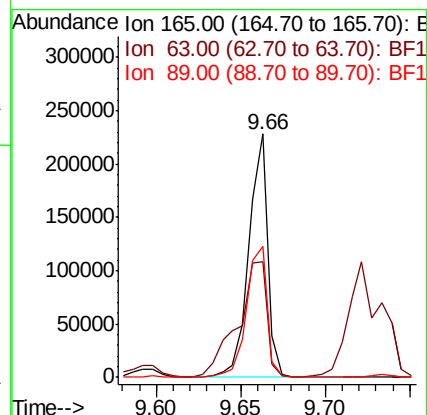
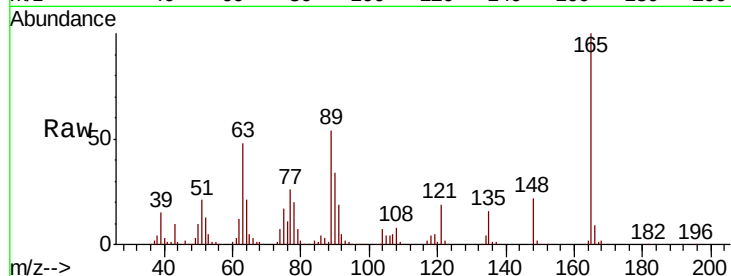




#51
 2,6-Dinitrotoluene
 Concen: 39.455 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

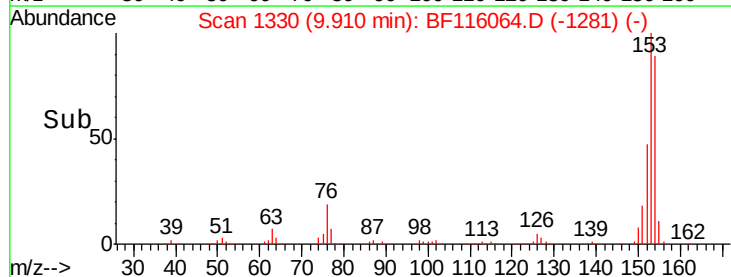
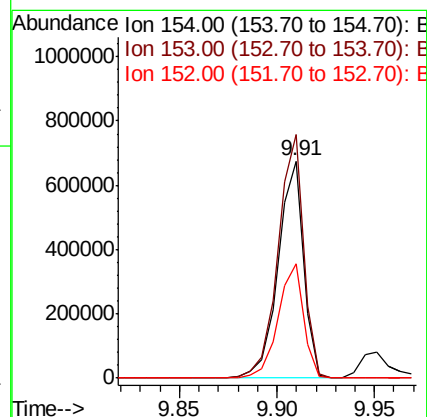
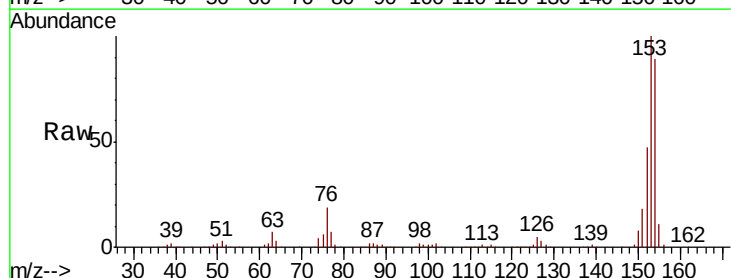
Instrument :
 BNA_F
 ClientSampleId :

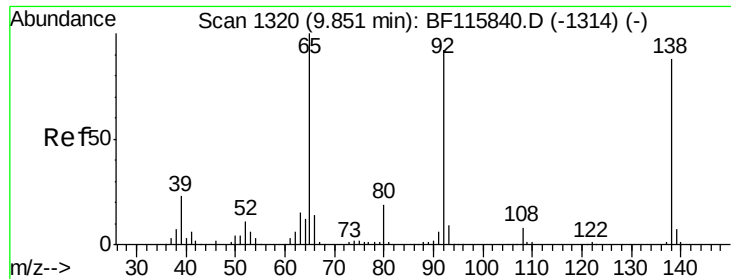
Tot Ion:165 Resp: 178607
 Ion Ratio Lower Upper
 165 100
 63 47.6 38.2 57.2
 89 53.7 42.9 64.3



#52
 Acenaphthene
 Concen: 38.031 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:154 Resp: 611893
 Ion Ratio Lower Upper
 154 100
 153 112.3 89.4 134.0
 152 52.7 42.3 63.5

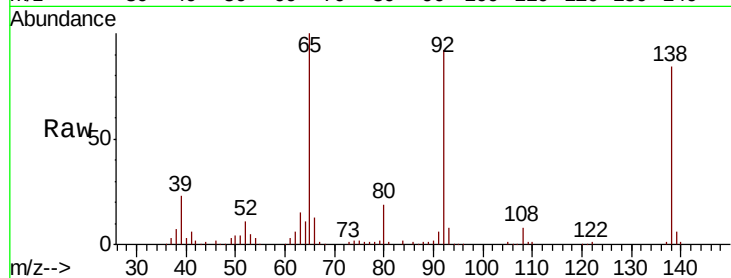




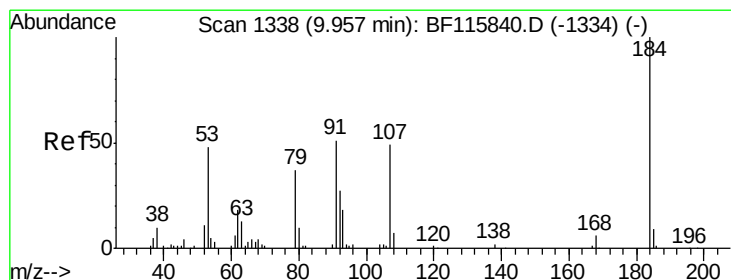
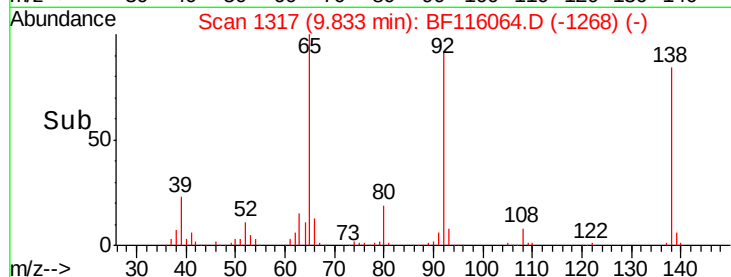
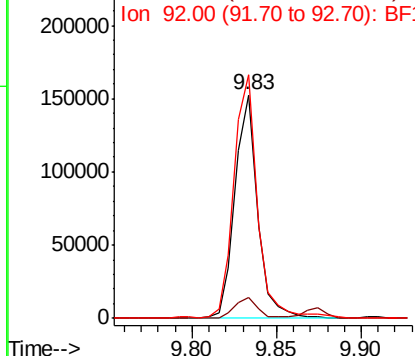
#53
 3-Nitroaniline
 Concen: 25.515 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 142716
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.0 12.0
 92 109.1 91.0 136.6

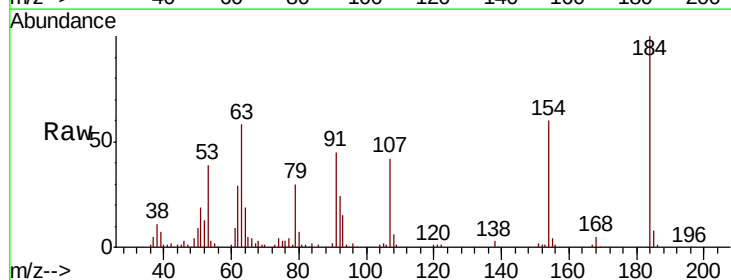


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

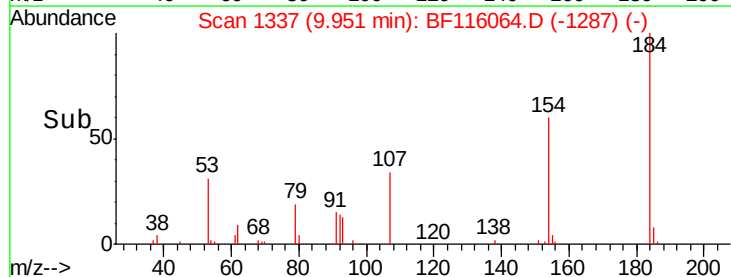
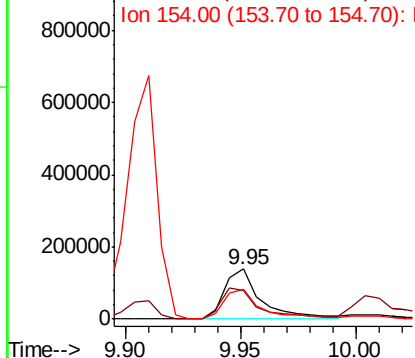


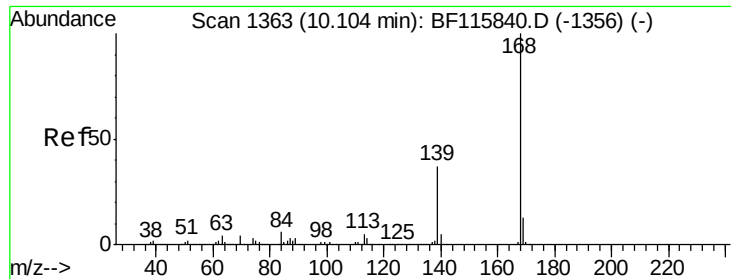
#54
 2,4-Dinitrophenol
 Concen: 67.921 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:184 Resp: 153371
 Ion Ratio Lower Upper
 184 100
 63 58.3 53.0 79.4
 154 60.0 50.1 75.1



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

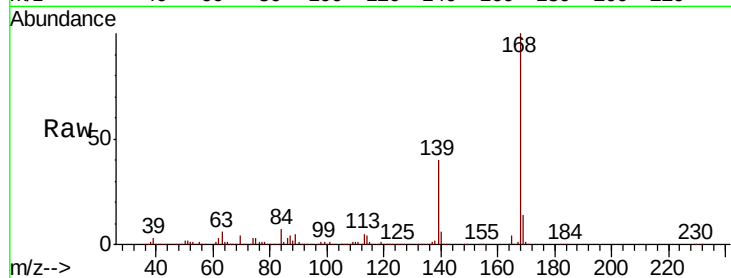




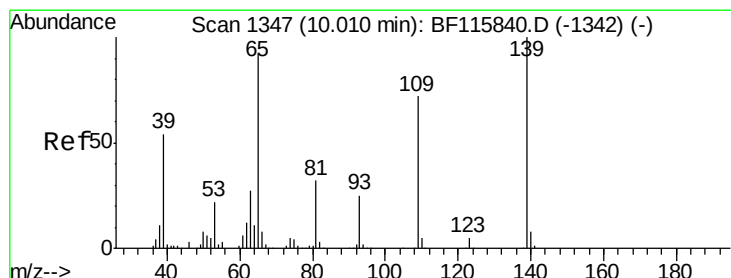
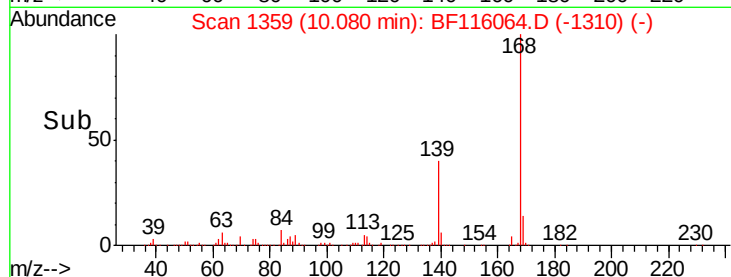
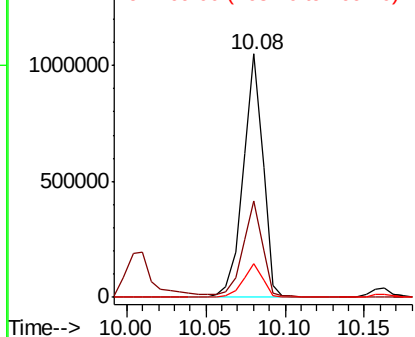
#55
Dibenzofuran
Concen: 38.381 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.4	47.2
169	13.8	10.9	16.3

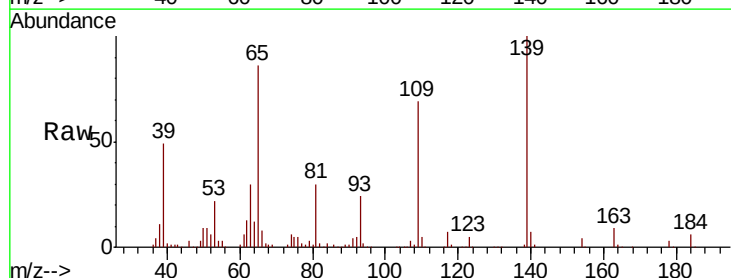


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

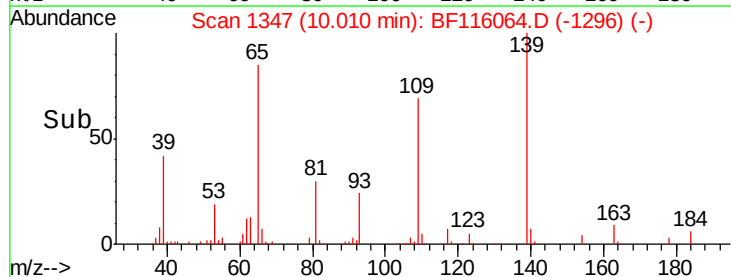
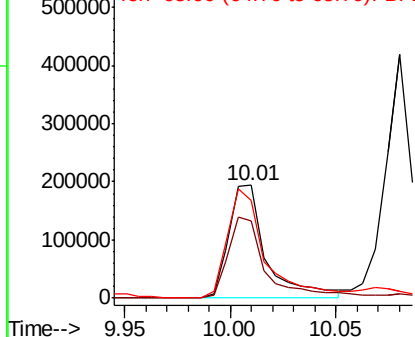


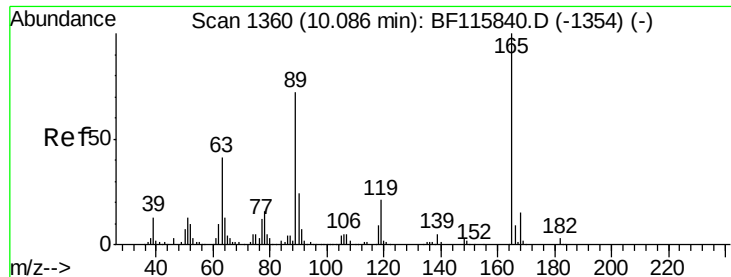
#56
4-Nitrophenol
Concen: 66.505 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	54.4	94.4
65	86.3	80.6	120.6



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

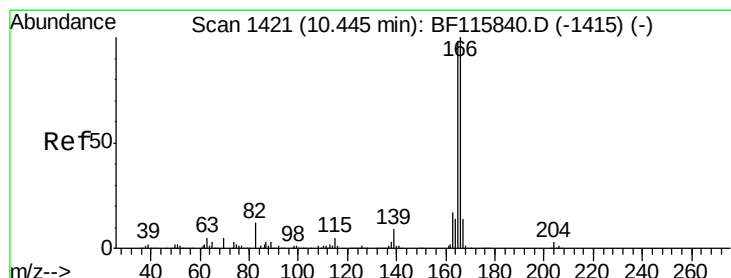
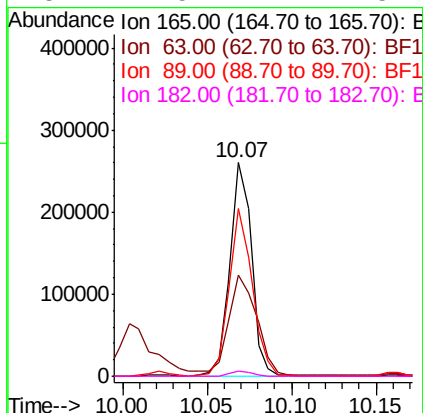
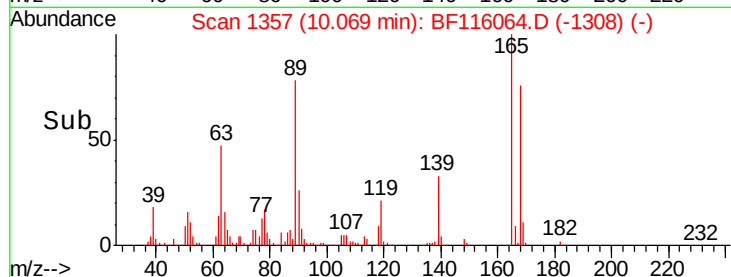
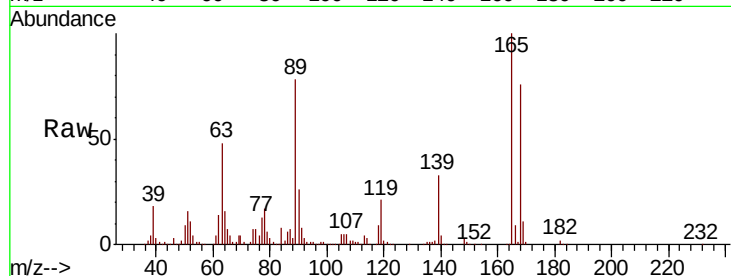




#57
 2,4-Dinitrotoluene
 Concen: 38.391 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

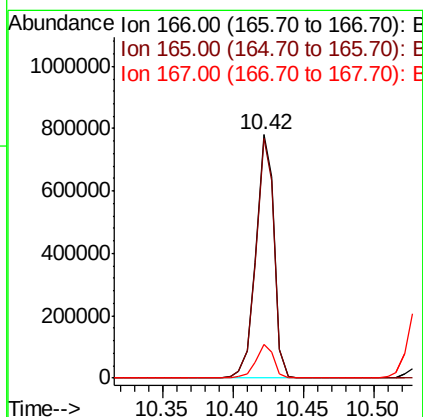
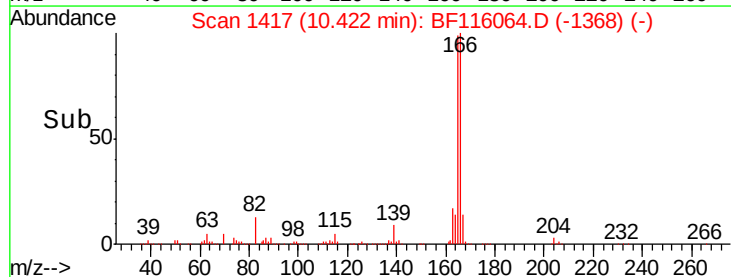
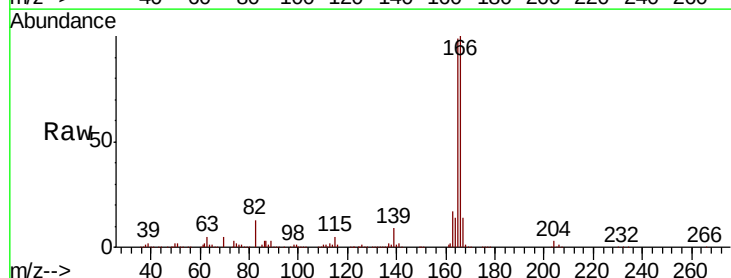
Instrument :
 BNA_F
 ClientSampleId :

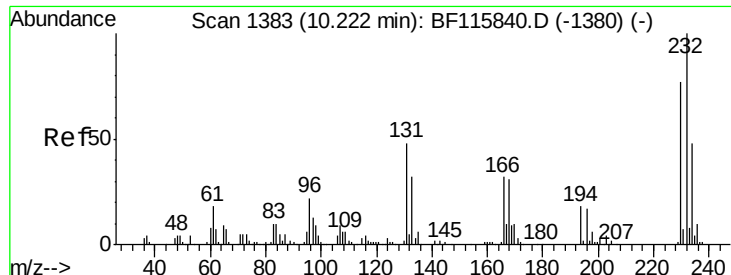
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	39.6	59.4
89	78.4	62.2	93.2
182	2.5	2.1	3.1



#58
 Fluorene
 Concen: 39.681 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	13.9	11.0	16.4

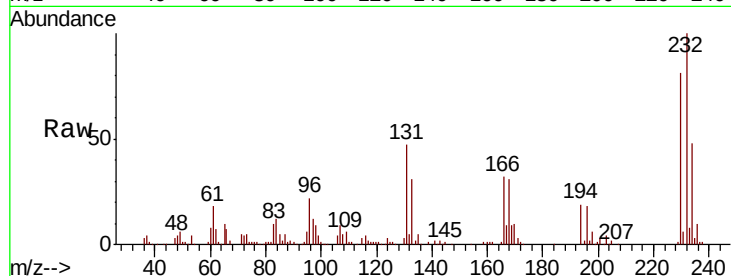




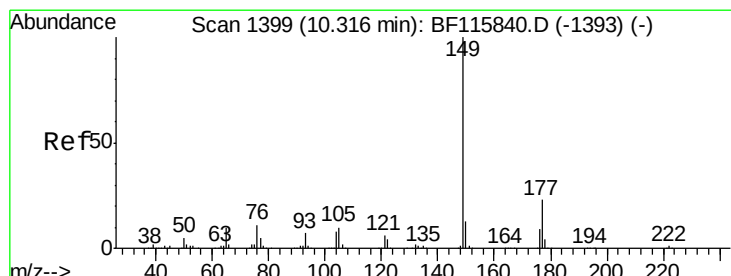
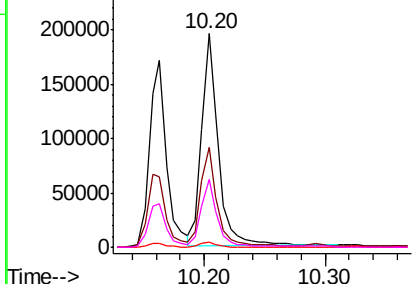
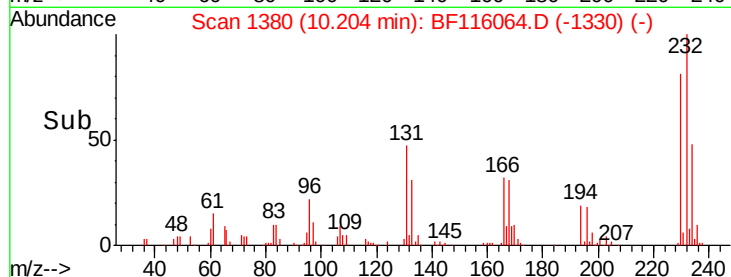
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.698 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 189459
Ion Ratio Lower Upper
232 100
131 44.9 36.2 54.2
130 2.5 1.9 2.9
166 30.3 23.0 34.4

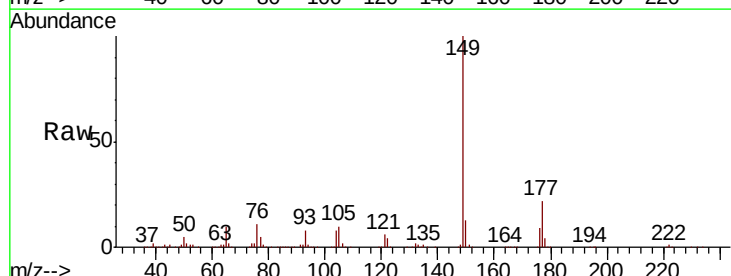


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

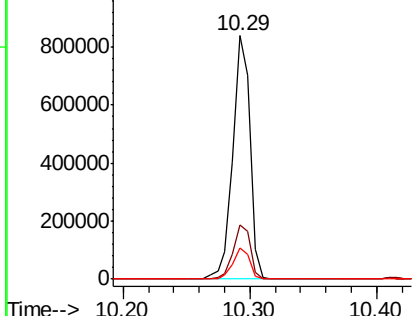
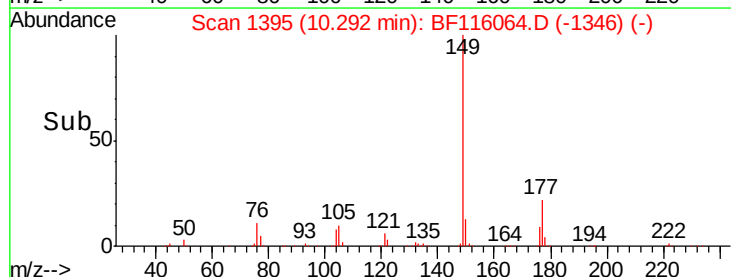


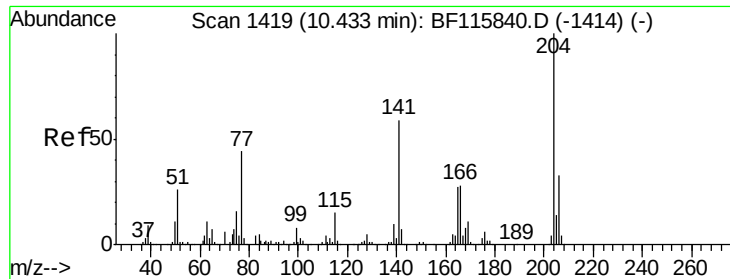
#60
Diethylphthalate
Concen: 39.899 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:149 Resp: 775945
Ion Ratio Lower Upper
149 100
177 22.5 18.8 28.2
150 12.9 10.2 15.4



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

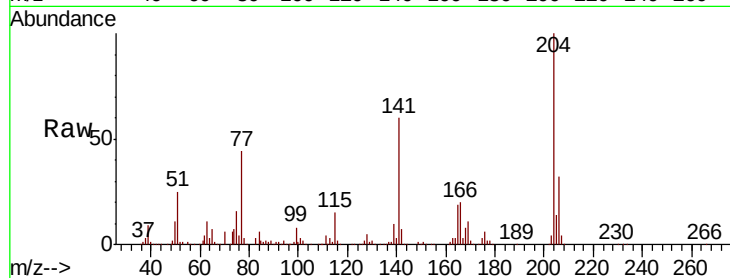




#61
 4-Chlorophenyl-phenylether
 Concen: 39.506 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.4	39.6
141	59.5	46.4	69.6

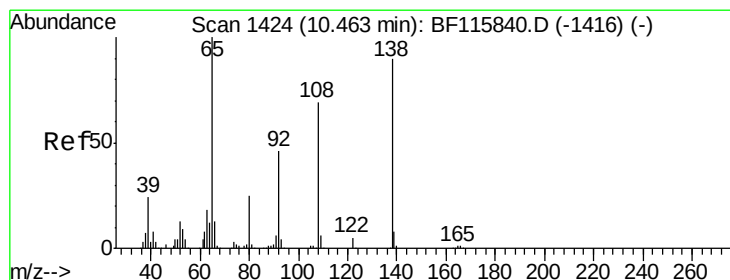
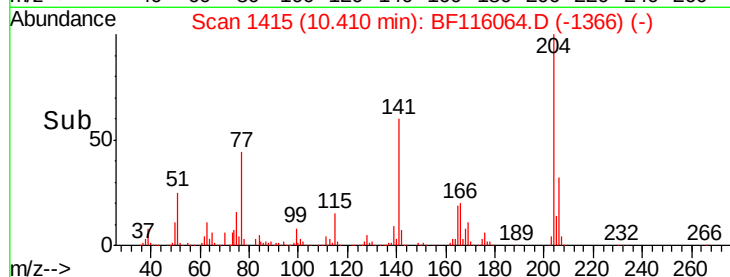
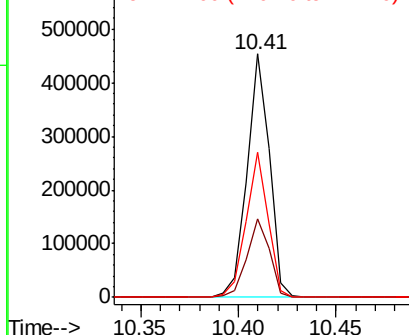


Abundance

Ion 204.00 (203.70 to 204.70): E

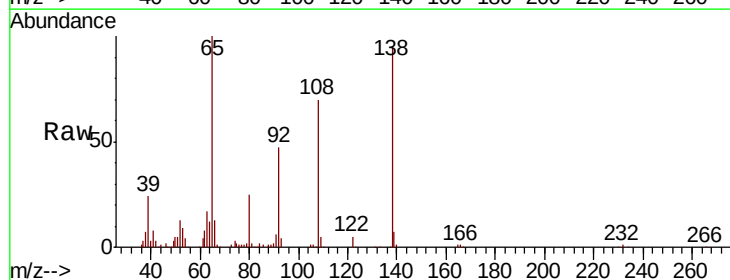
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 32.692 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.0	69.0
108	73.7	54.7	94.7

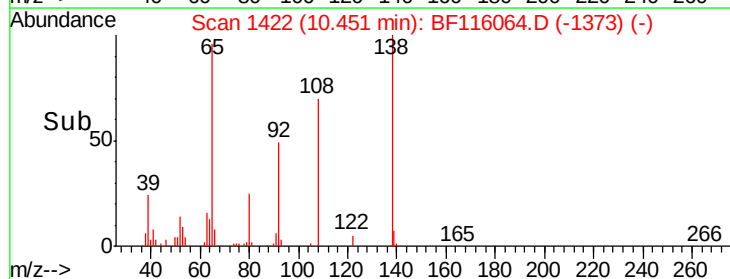
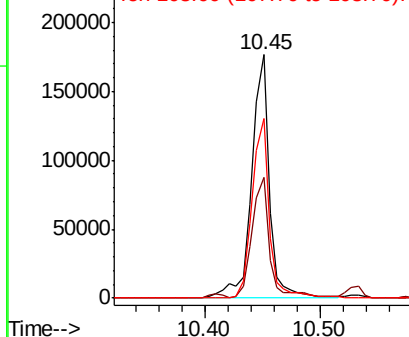


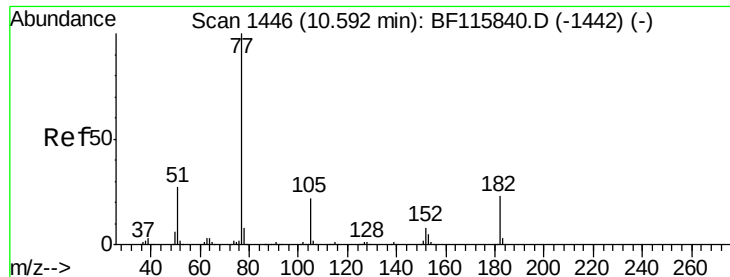
Abundance

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

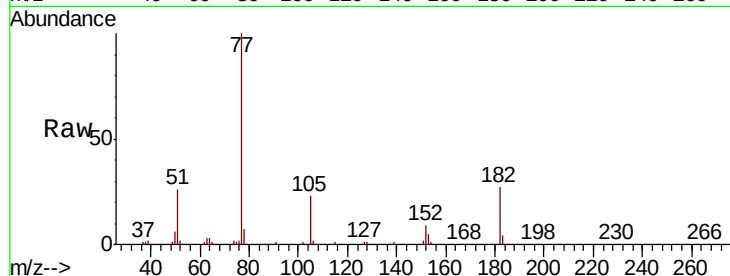




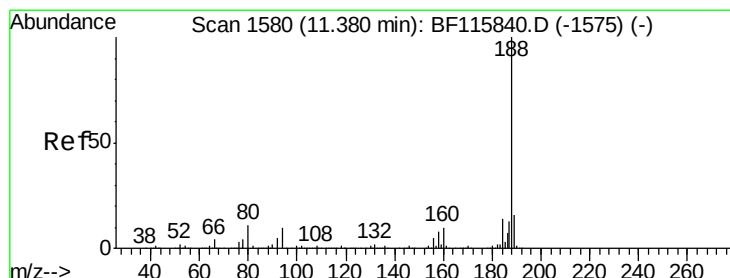
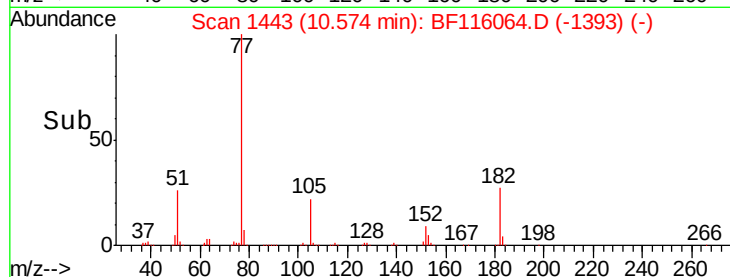
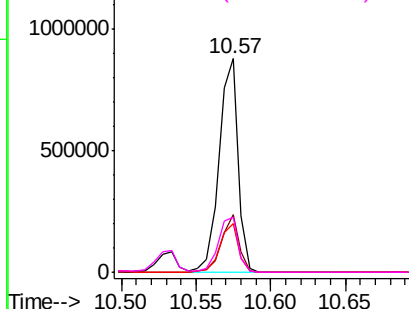
#63
Azobenzene
Concen: 39.106 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	27.1	4.0	44.0
105	105	23.0	2.0	42.0
51	51	26.1	7.5	47.5

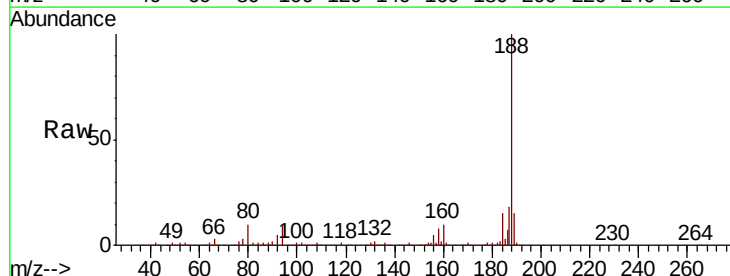


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

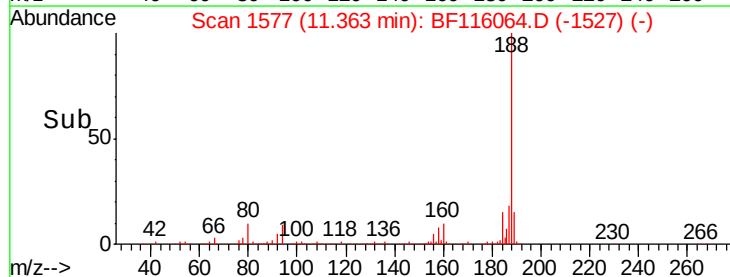
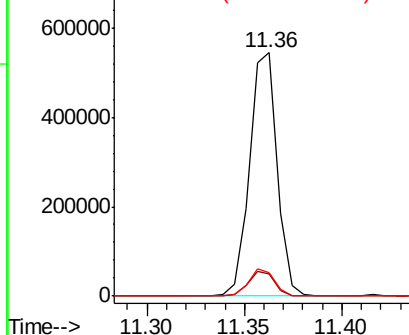


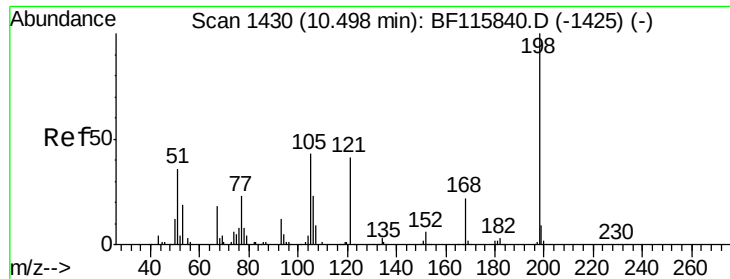
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	9.2	8.1	12.1
80	80	9.7	8.7	13.1



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: 41.038 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

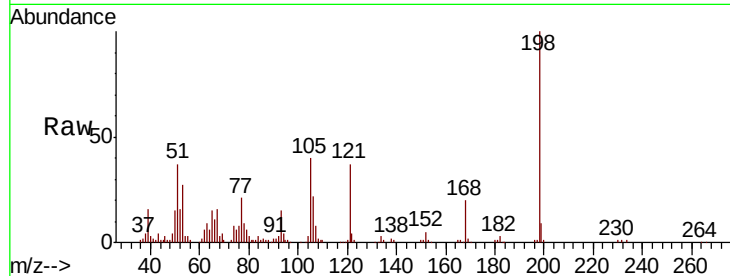
Tot Ion:198 Resp: 115928

Ion Ratio Lower Upper

198 100

51 37.3 17.0 57.0

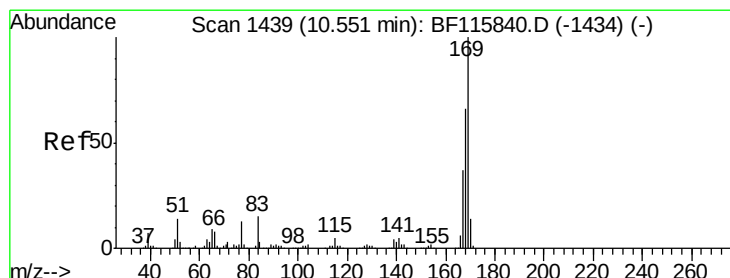
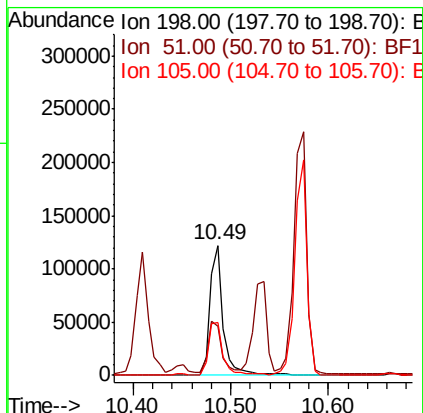
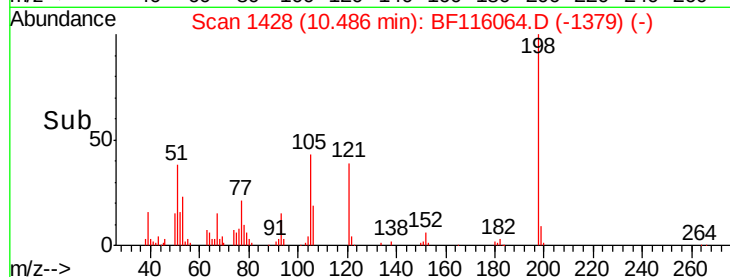
105 40.3 21.6 61.6



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: 39.862 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

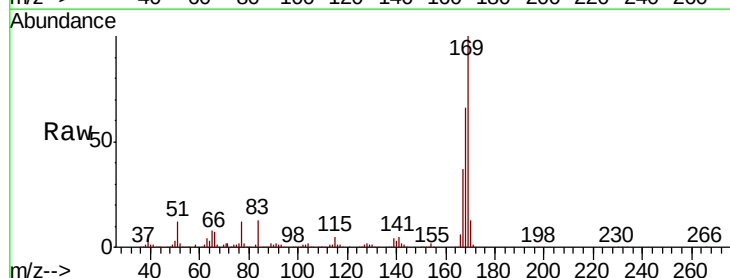
Tgt Ion:169 Resp: 639564

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

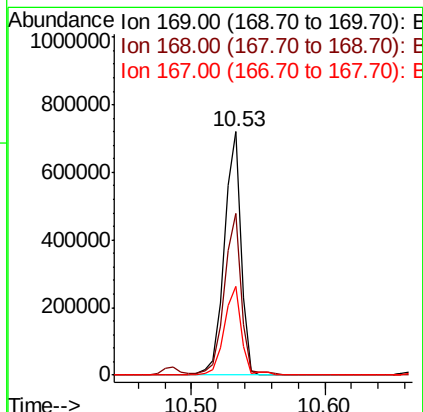
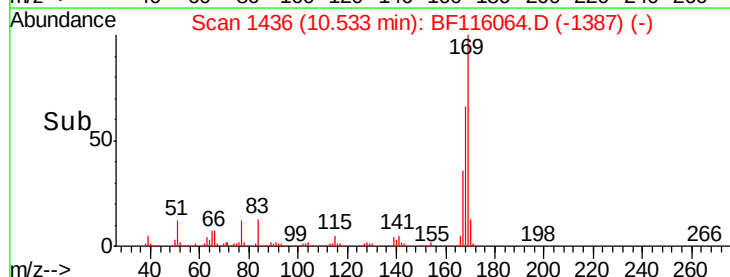
167 36.5 29.6 44.4

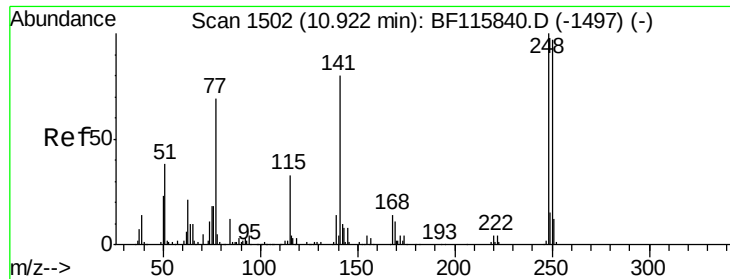


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

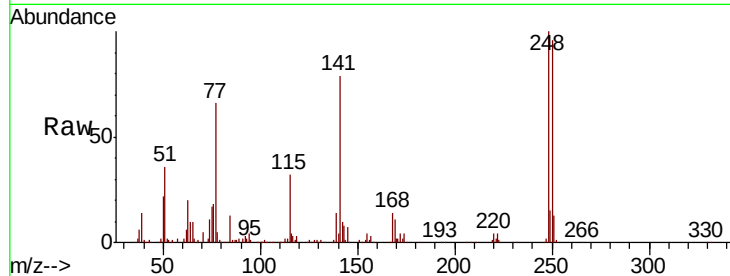




#67
 4-Bromophenyl-phenylether
 Concen: 38.798 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	79.1	56.8	85.2

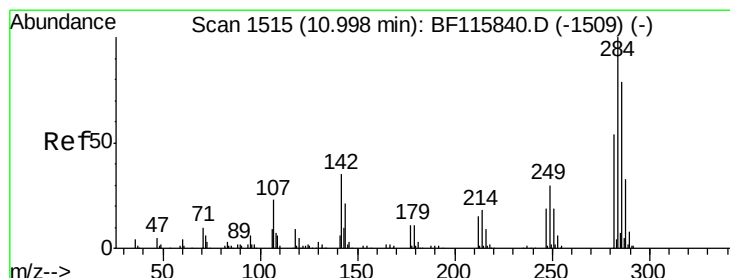
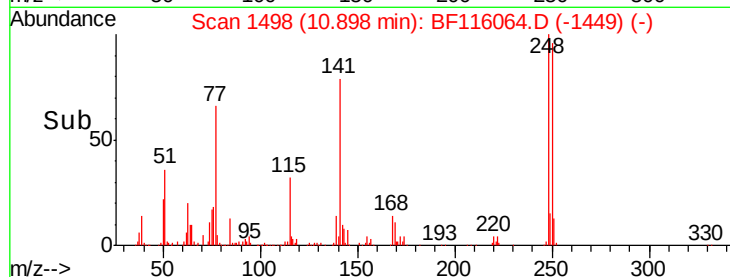
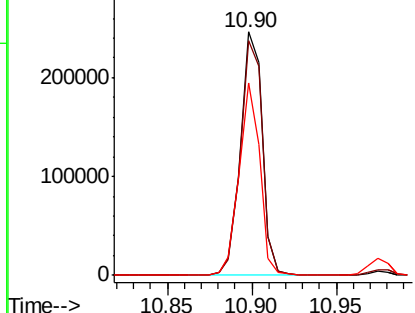


Abundance

Ion 248.00 (247.70 to 248.70): E

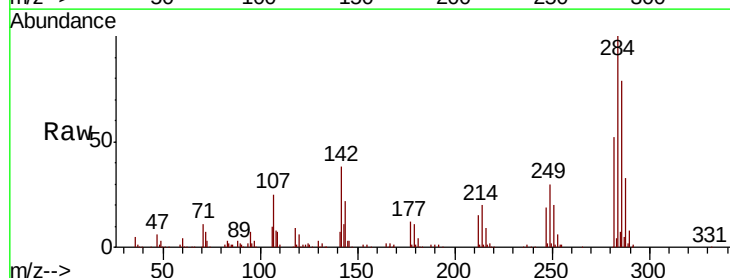
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.668 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.4	42.6
249	30.4	24.5	36.7

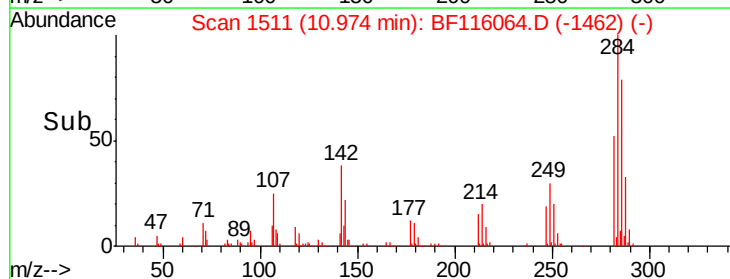
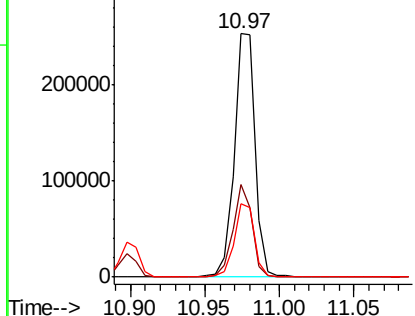


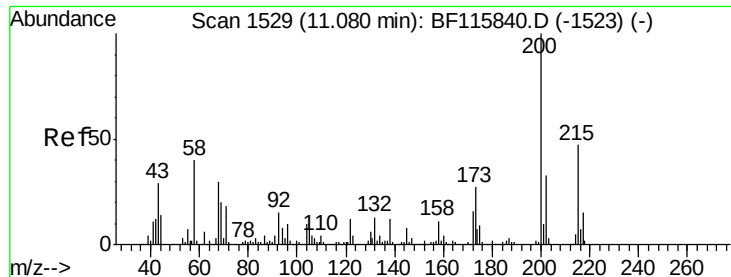
Abundance

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: 37.591 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

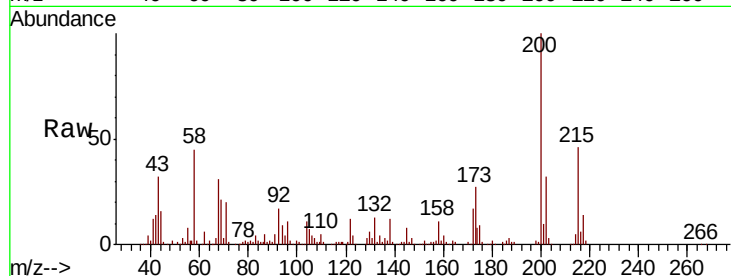
Tot Ion:200 Resp: 198421

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

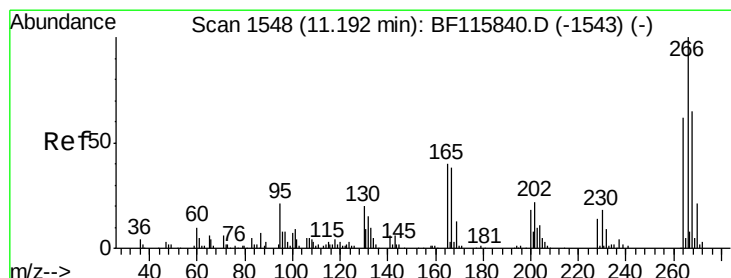
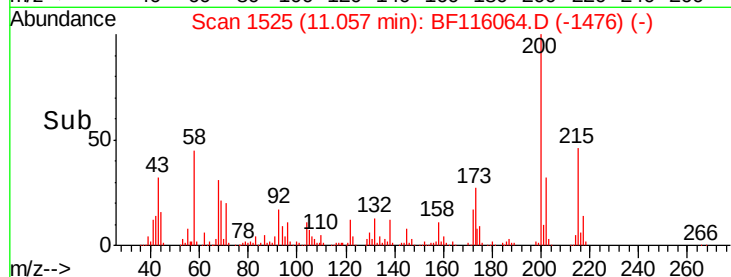
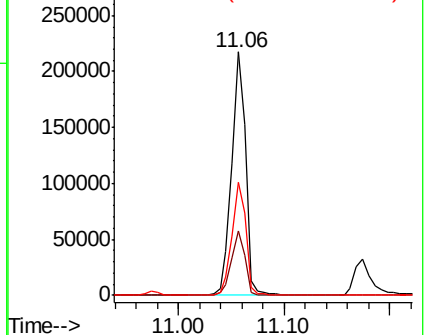
215 46.3 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.926 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

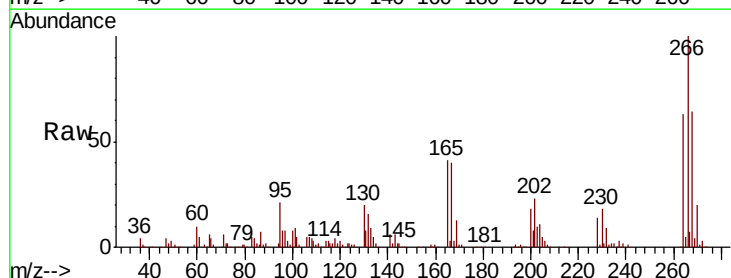
Tgt Ion:266 Resp: 220810

Ion Ratio Lower Upper

266 100

268 64.0 48.8 73.2

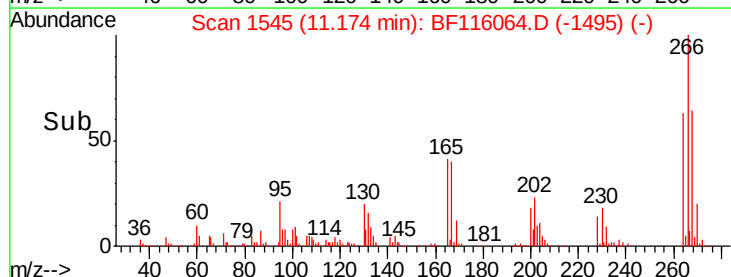
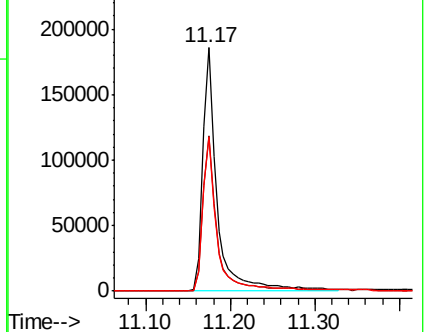
264 63.2 50.6 76.0

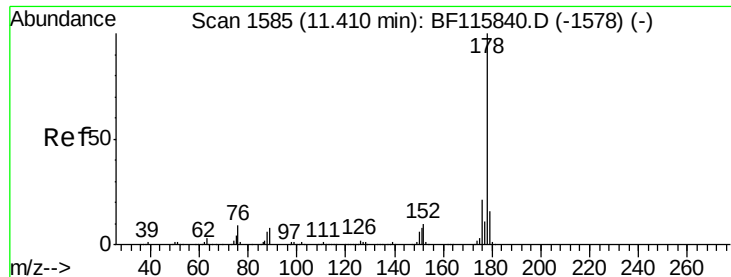


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.501 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

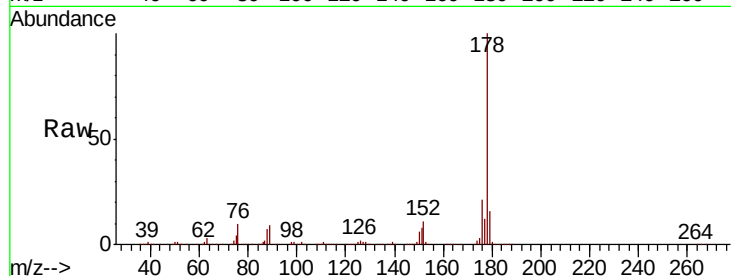
Tot Ion:178 Resp: 1049204

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

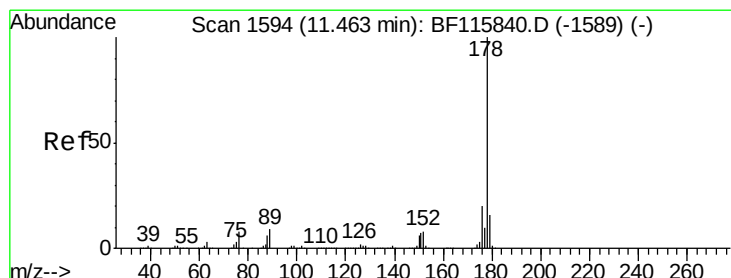
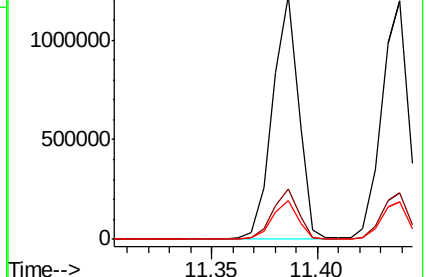
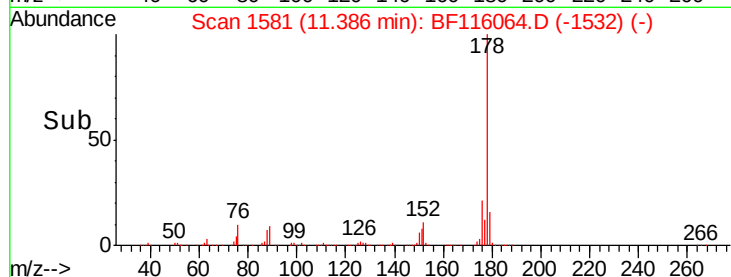
179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.228 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

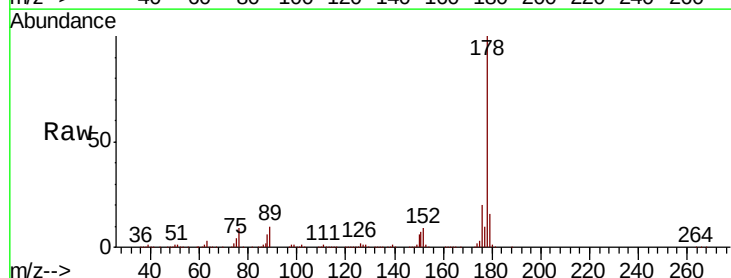
Tgt Ion:178 Resp: 1081885

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

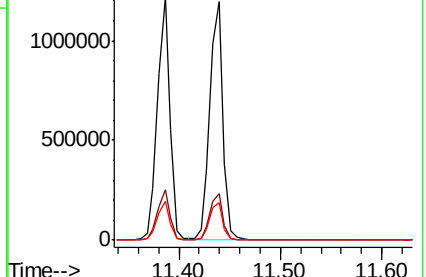
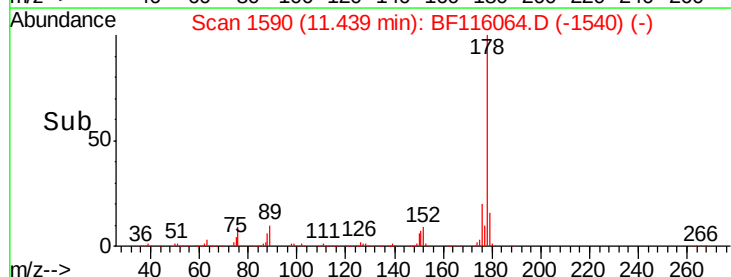
179 15.6 13.0 19.6

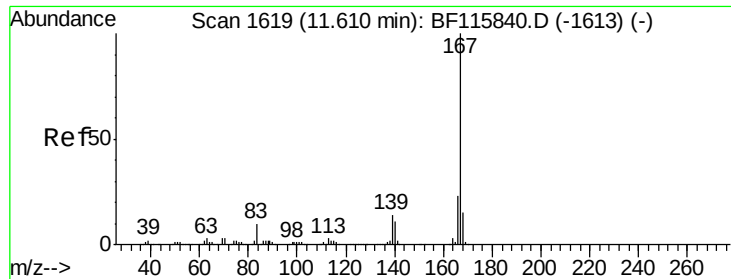


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

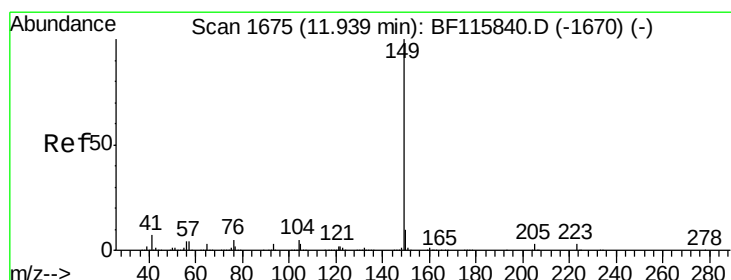
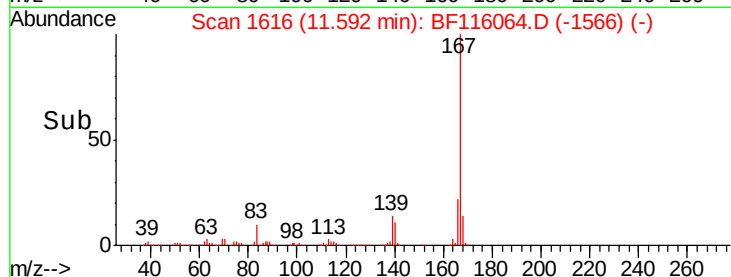
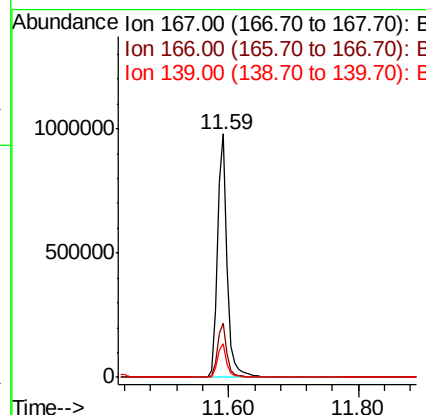
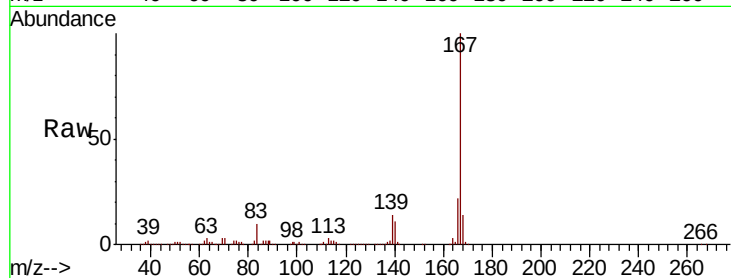




#73
 Carbazole
 Concen: 39.671 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

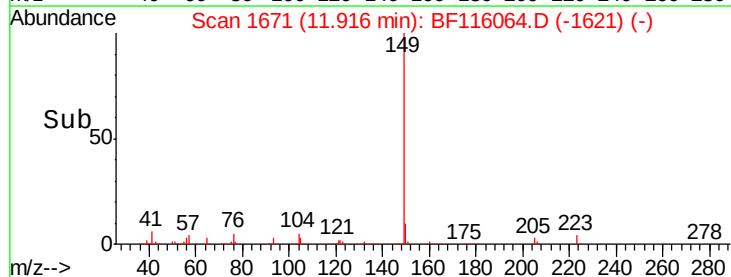
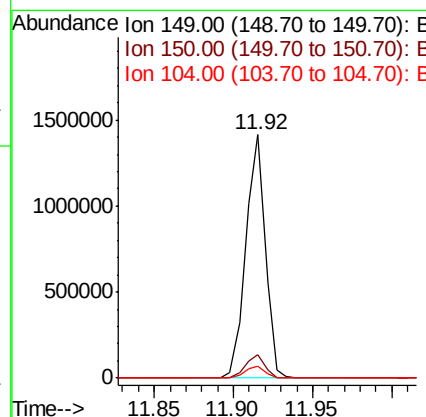
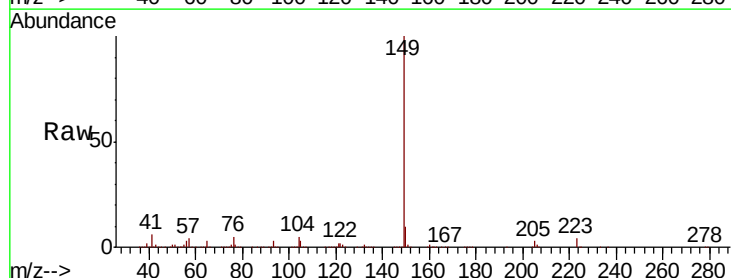
Instrument :
 BNA_F
 ClientSampleId :

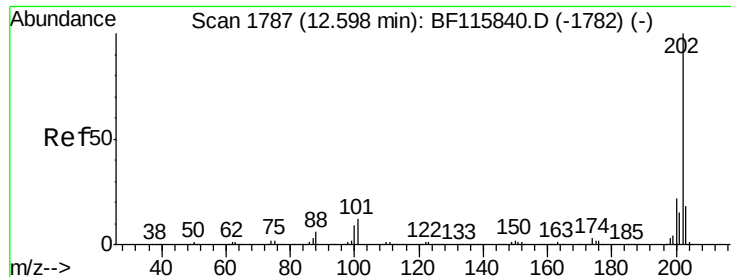
Tot Ion:167 Resp: 992623
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.335 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:149 Resp: 1206513
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.2 4.5 6.7

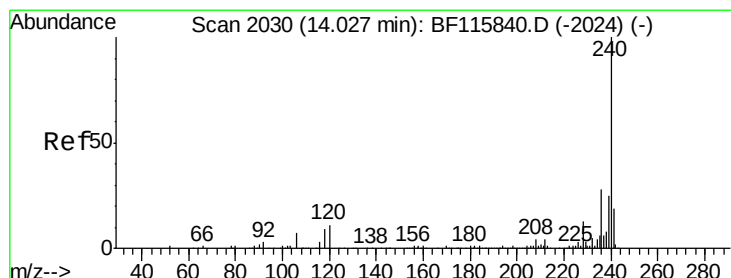
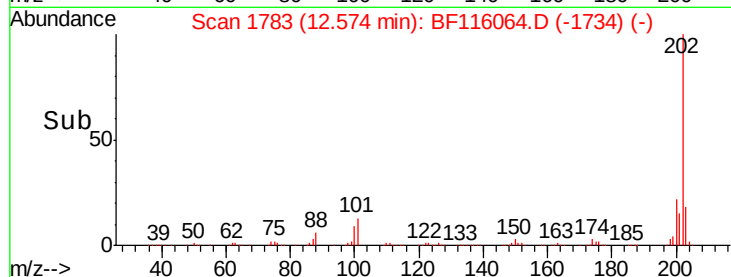
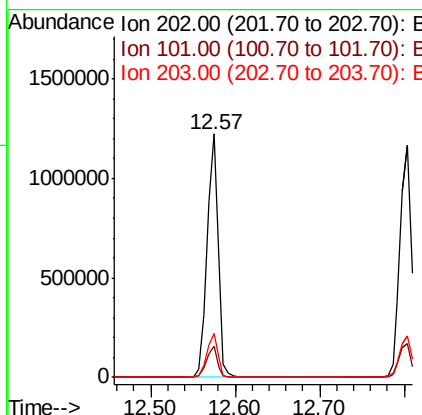
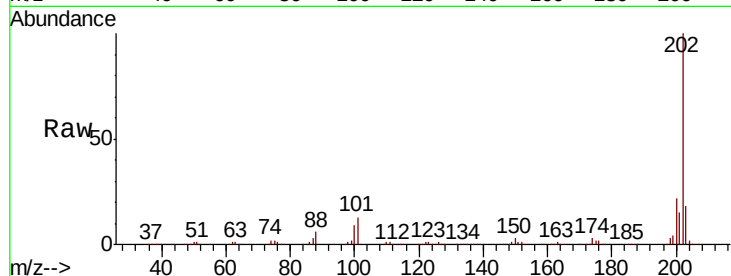




#75
 Fluoranthene
 Concen: 38.878 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

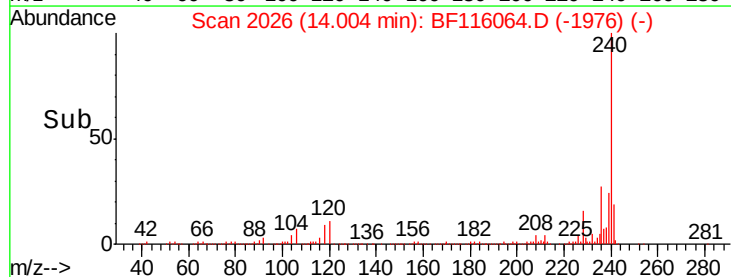
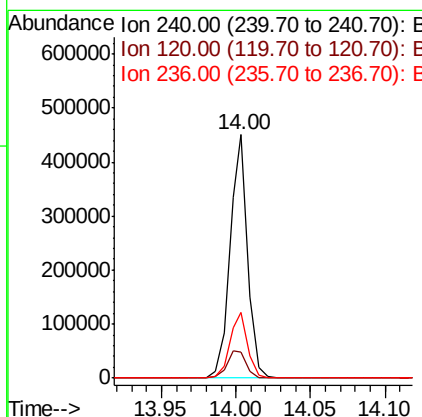
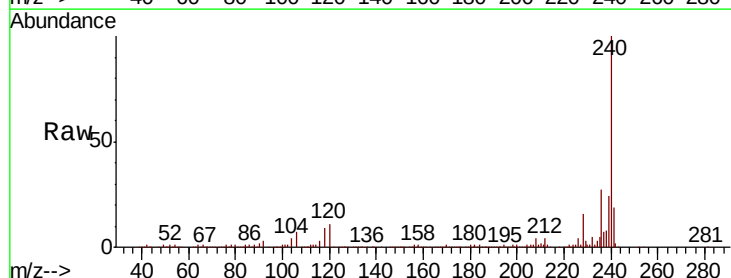
Instrument :
 BNA_F
 ClientSampleId :

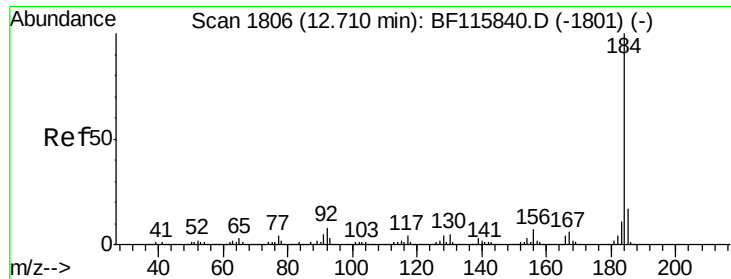
Tot Ion:202 Resp: 1109172
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.2
 203 18.0 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:240 Resp: 375857
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.7 16.1#
 236 27.2 22.2 33.2

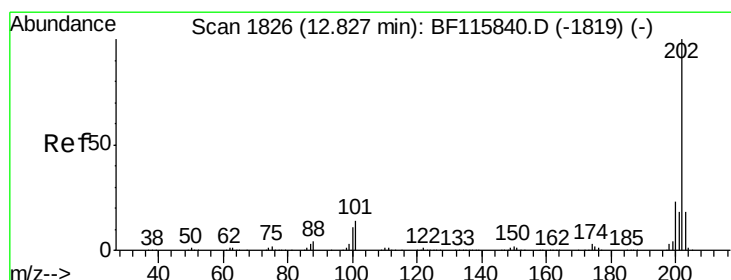
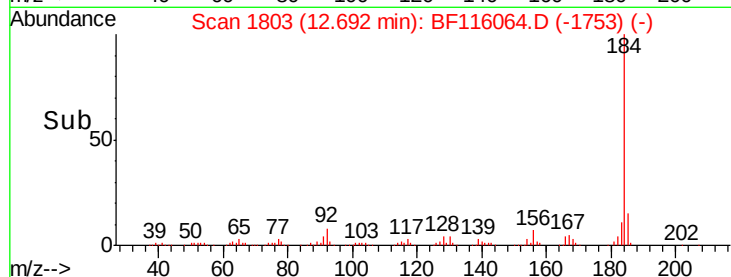
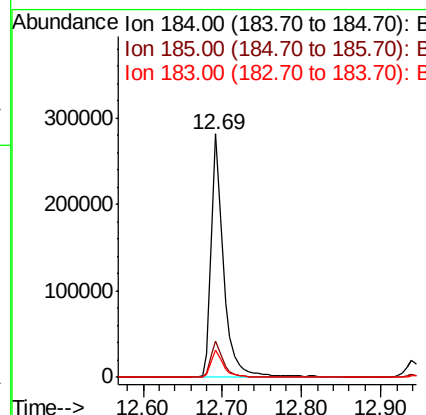
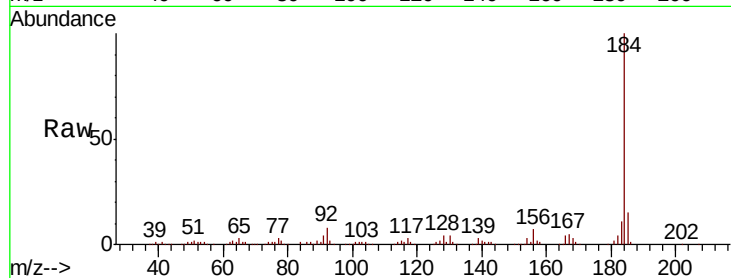




#77
Benzidine
Concen: 24.723 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

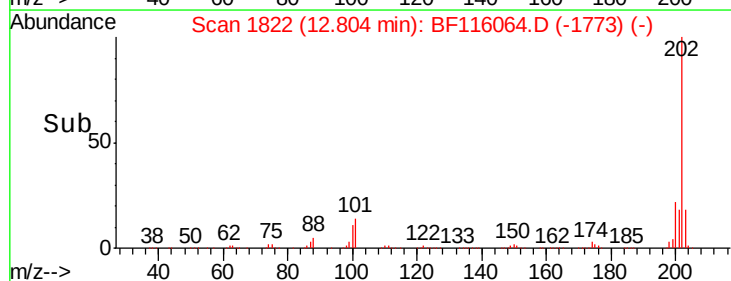
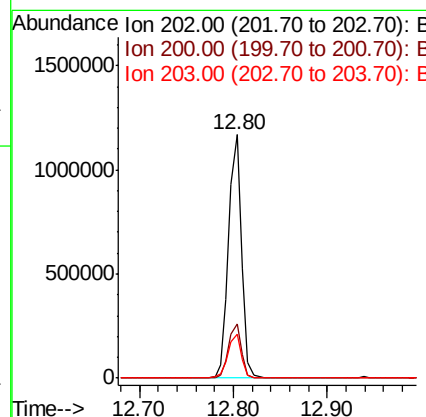
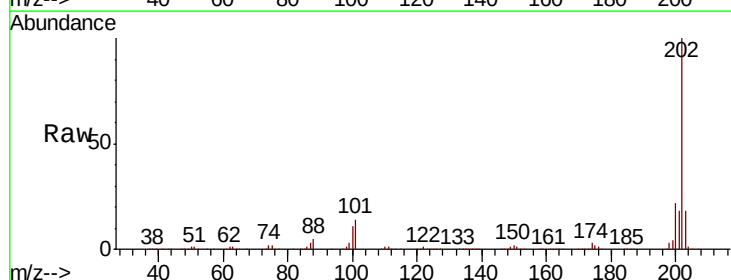
Instrument :
BNA_F
ClientSampleId :

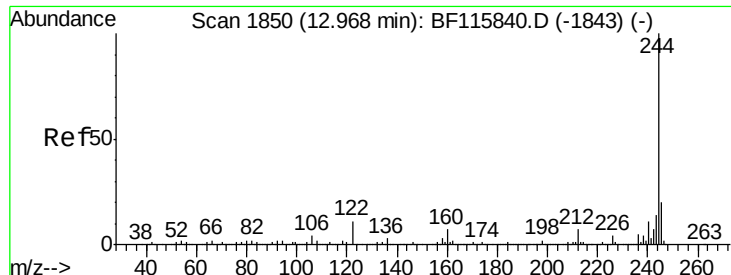
Tot Ion:184 Resp: 313935
Ion Ratio Lower Upper
184 100
185 14.9 12.8 19.2
183 11.0 9.4 14.0



#78
Pyrene
Concen: 39.852 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:202 Resp: 1129126
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 17.8 14.1 21.1

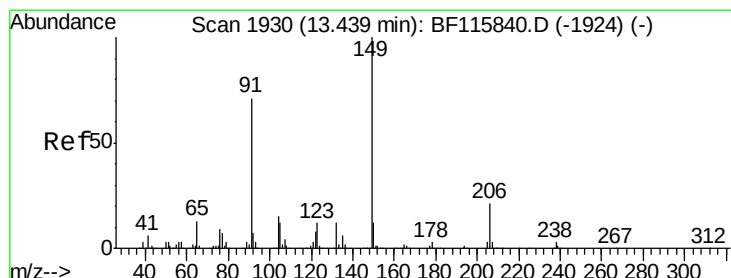
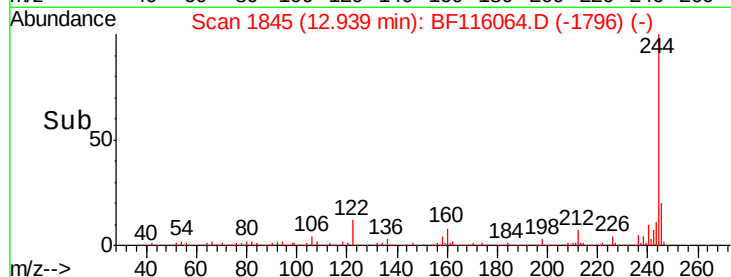
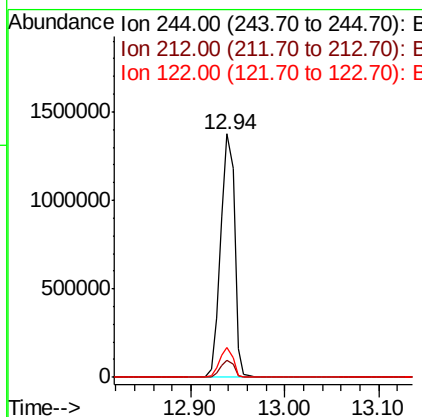
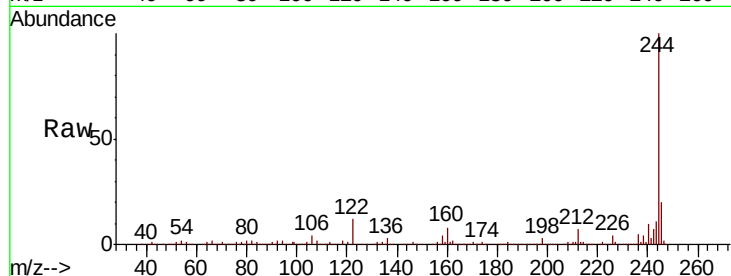




#79
 Terphenyl-d14
 Concen: 80.135 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

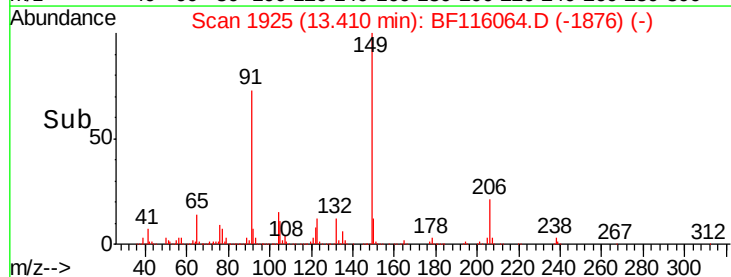
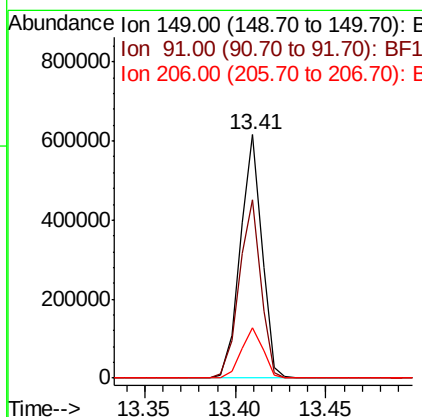
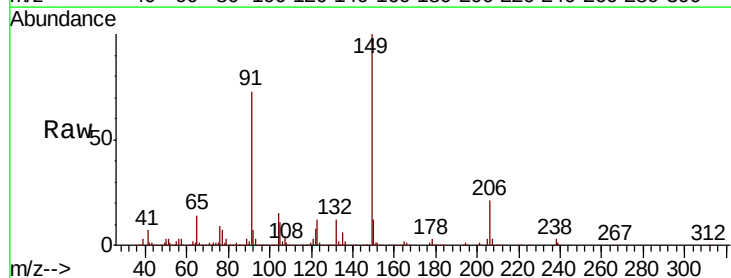
Instrument :
 BNA_F
 ClientSampleId :

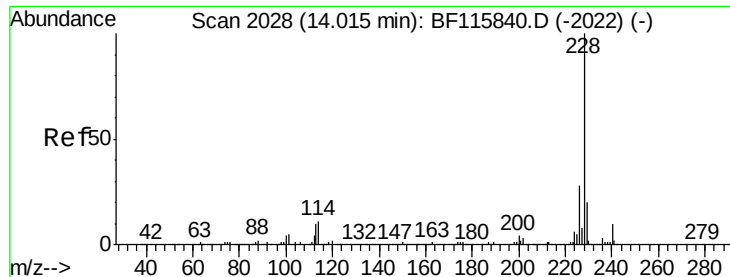
Tot Ion:244 Resp: 1429382
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 42.370 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:149 Resp: 507797
 Ion Ratio Lower Upper
 149 100
 91 73.2 56.3 84.5
 206 20.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 38.438 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

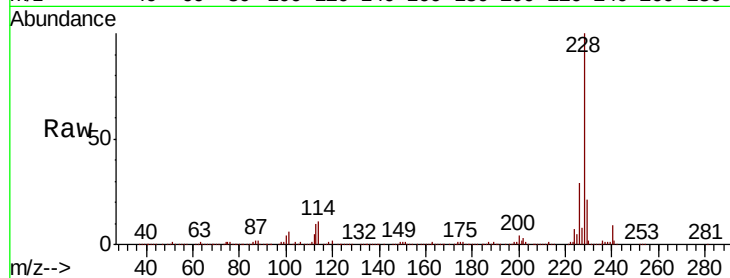
Tot Ion:228 Resp: 923406

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

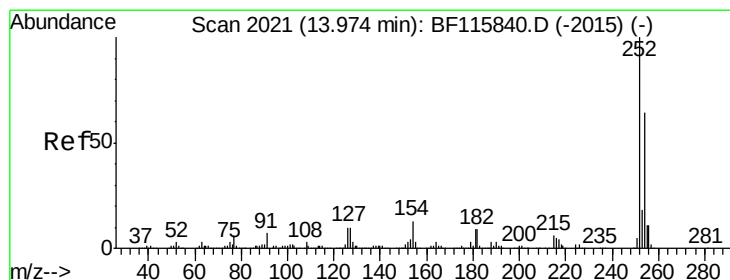
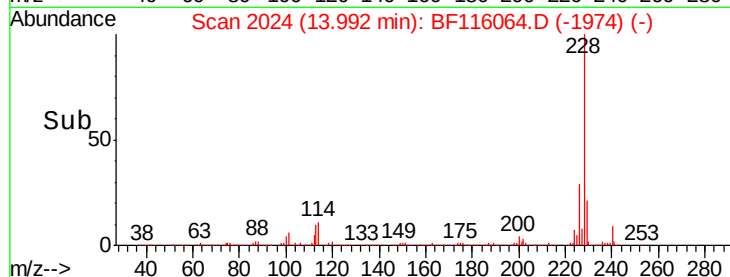
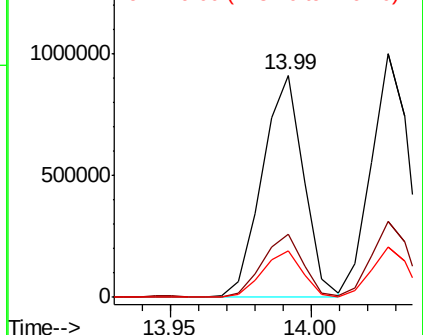
229 20.7 16.2 24.4



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: 35.900 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

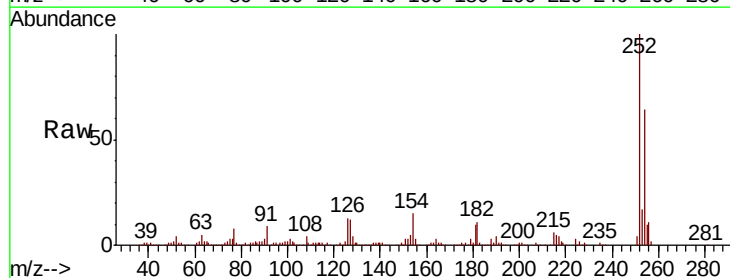
Tgt Ion:252 Resp: 299630

Ion Ratio Lower Upper

252 100

254 64.0 50.9 76.3

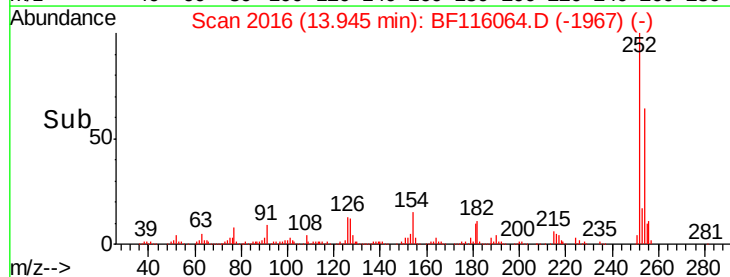
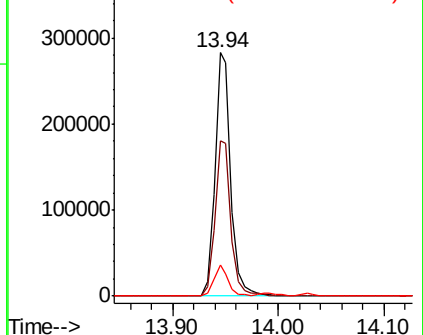
126 13.0 9.8 14.8

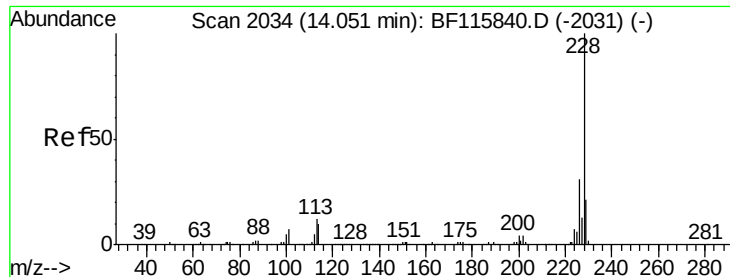


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

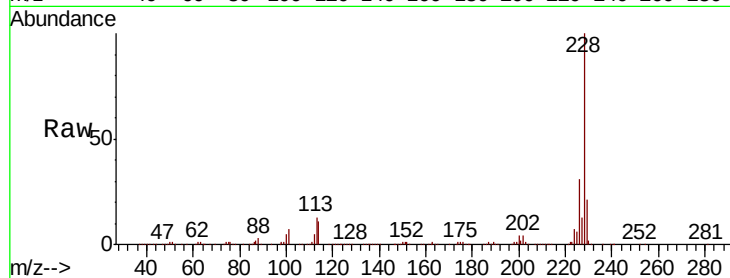




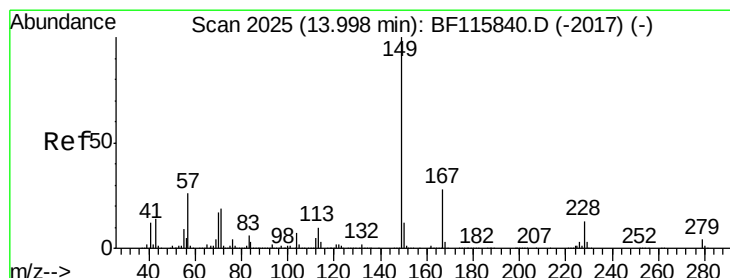
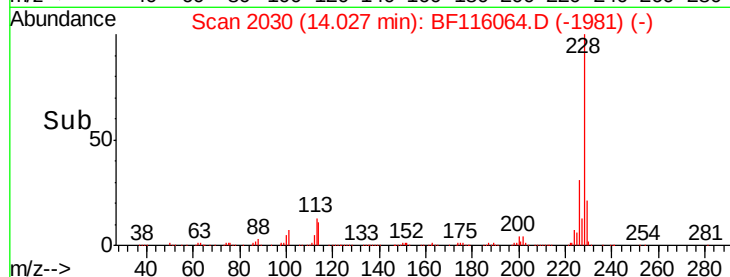
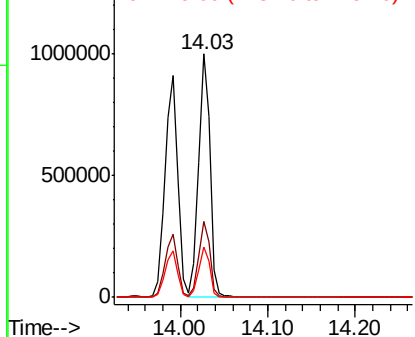
#83
 Chrysene
 Concen: 39.216 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 914633
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.5 38.3
 229 20.5 16.6 24.8

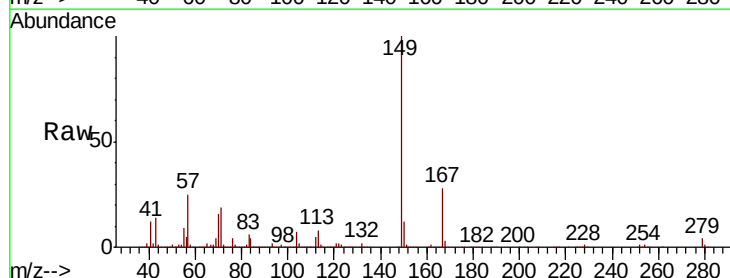


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

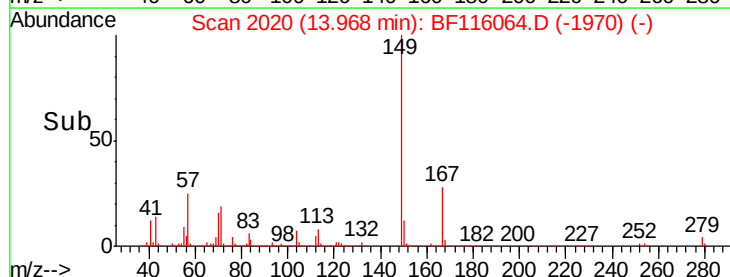
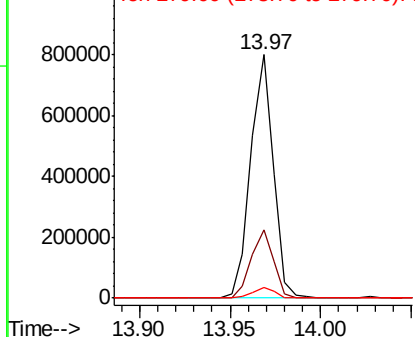


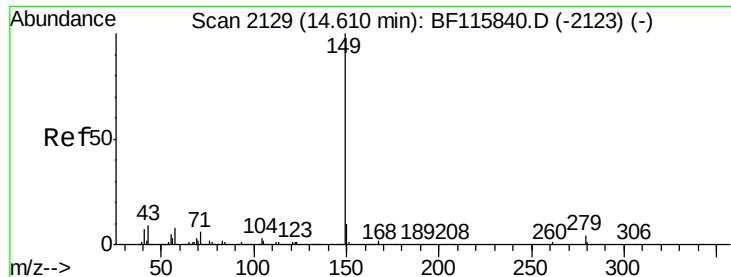
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.721 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion:149 Resp: 696488
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.6 32.4
 279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

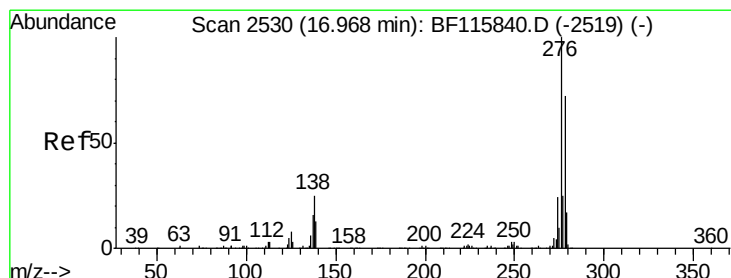
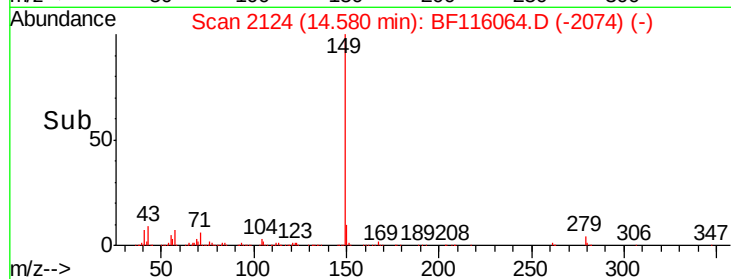
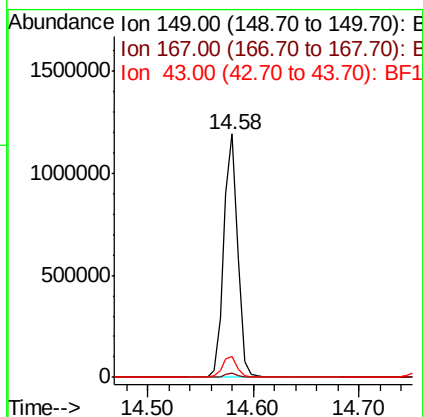
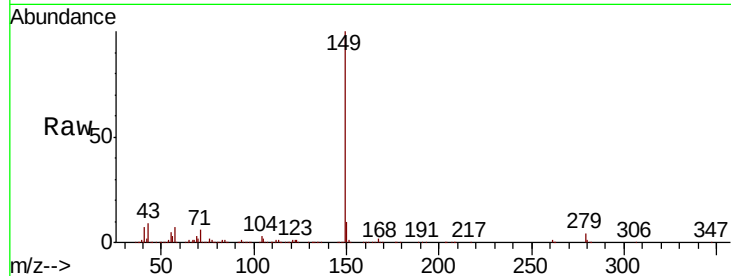




#85
Di-n-octyl phthalate
Concen: 44.462 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

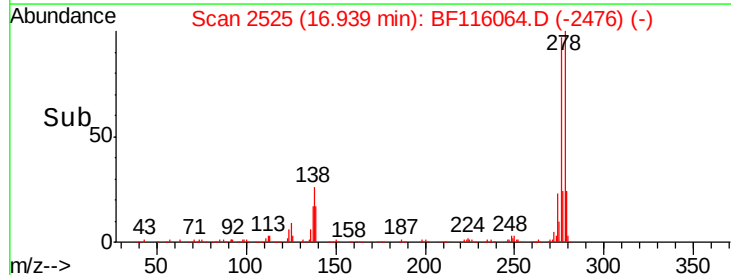
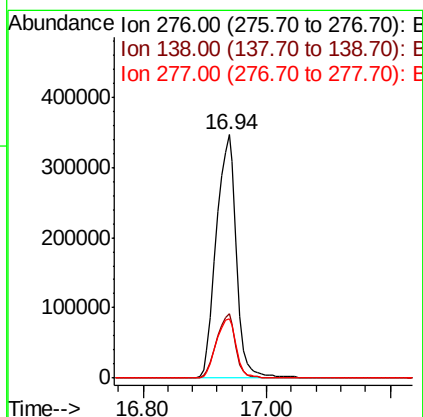
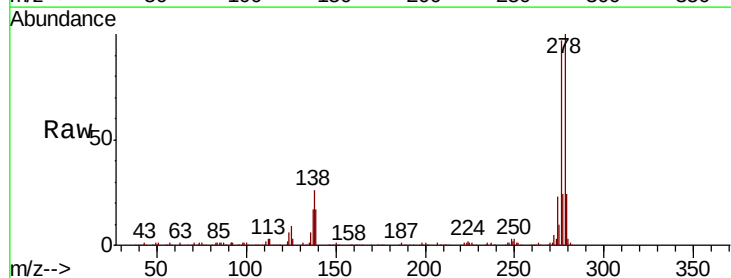
Instrument :
BNA_F
ClientSampleId :

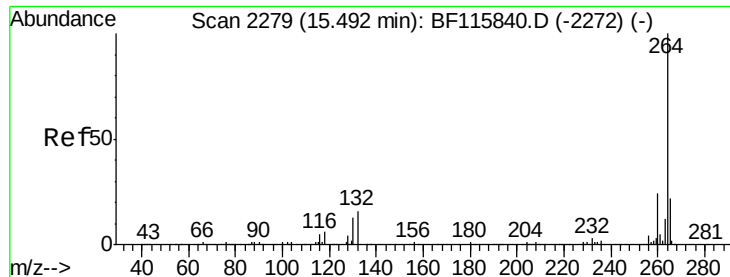
Tot Ion:149 Resp: 1099879
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.024 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:276 Resp: 784023
Ion Ratio Lower Upper
276 100
138 25.3 20.4 30.6
277 24.7 20.0 30.0



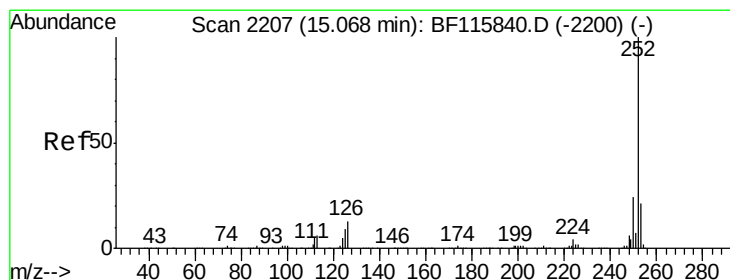
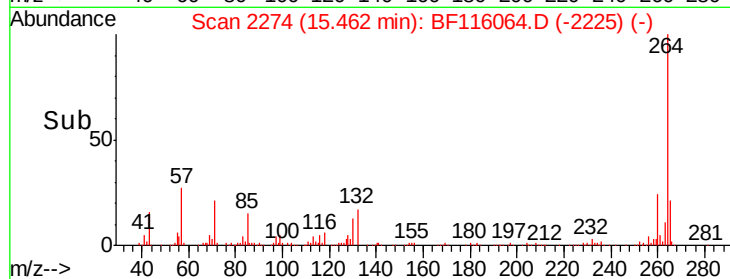
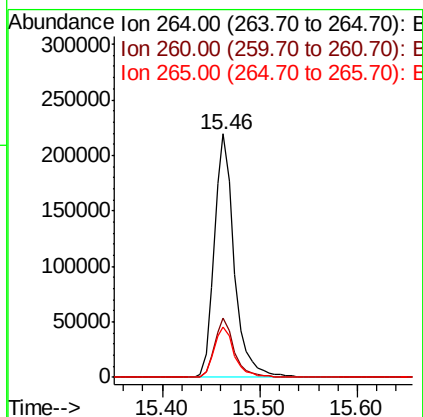
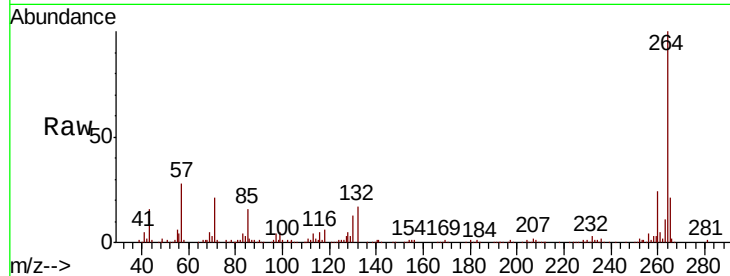


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 310061

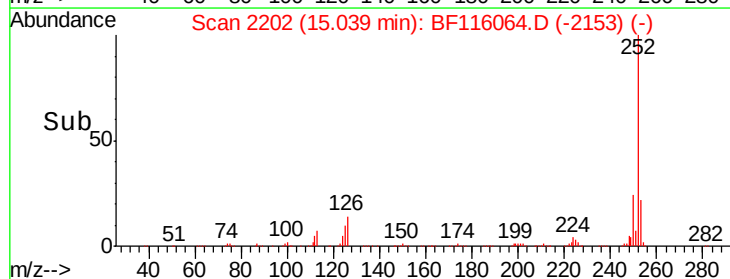
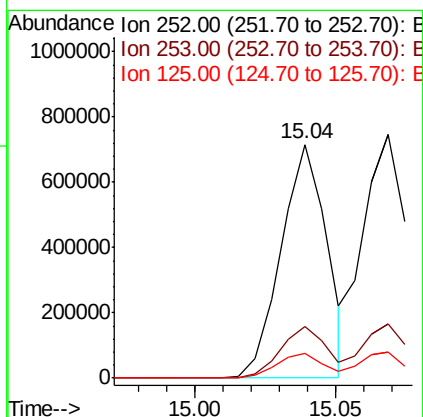
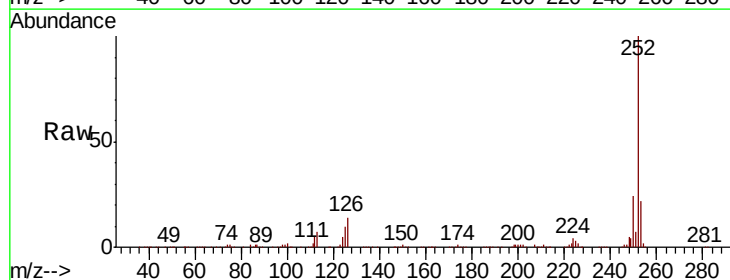
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	20.9	17.4	26.0

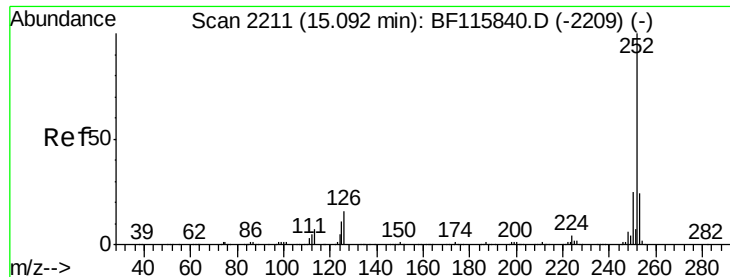


#88
Benzo(b)fluoranthene
Concen: 44.968 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:252 Resp: 806183

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.5	8.4	12.6

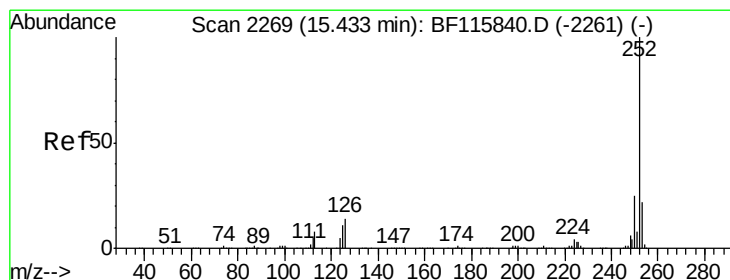
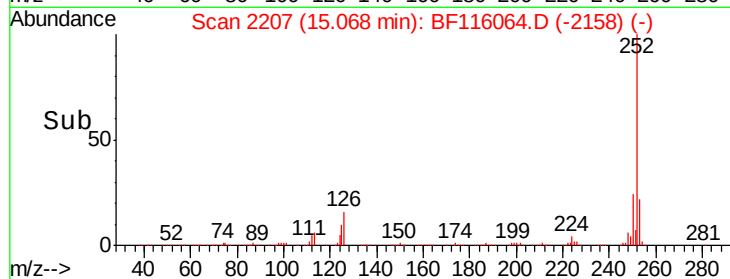
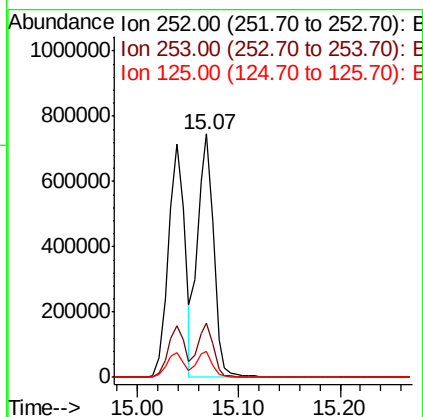
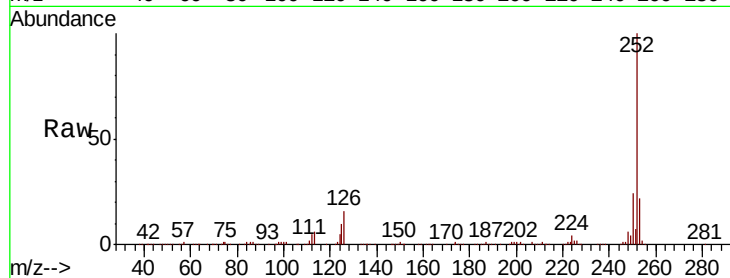




#89
Benzo(k)fluoranthene
Concen: 46.786 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

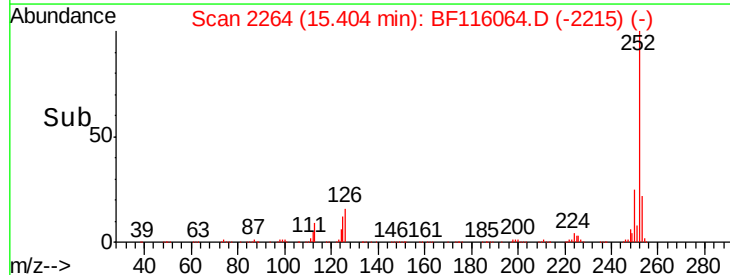
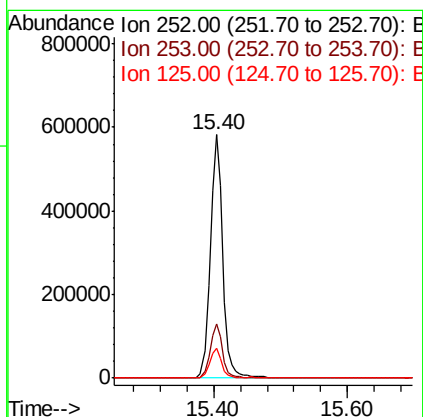
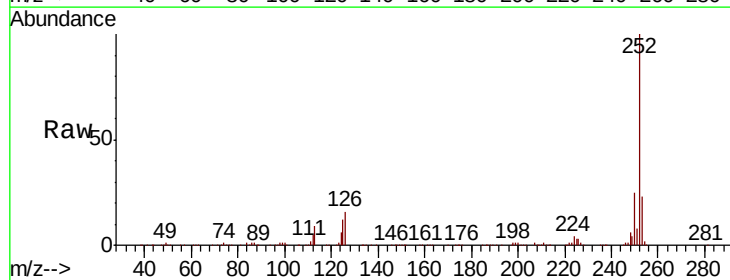
Instrument :
BNA_F
ClientSampleId :

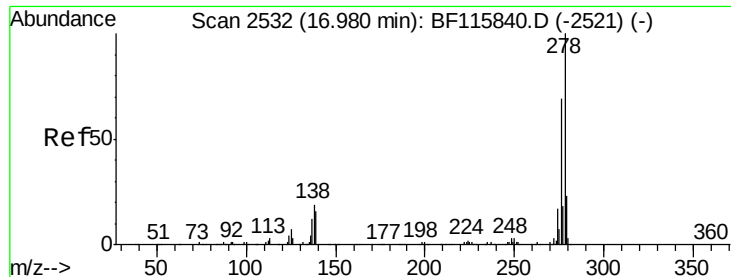
Tot Ion:252 Resp: 816984
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.269 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:252 Resp: 757555
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.1 8.9 13.3

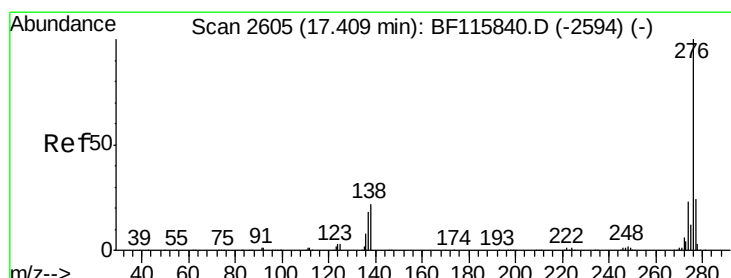
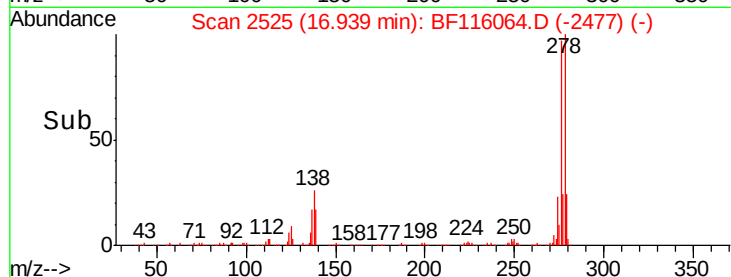
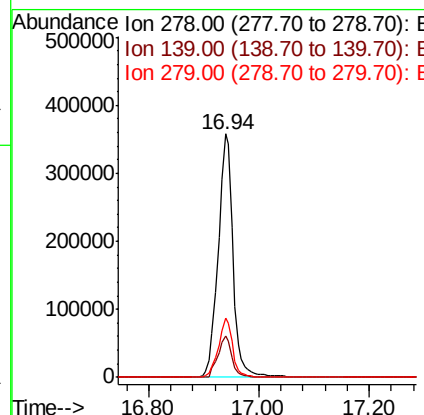
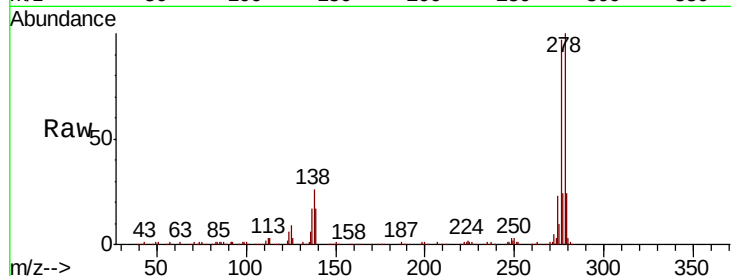




#91
Dibenzo(a,h)anthracene
Concen: 48.509 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	24.2	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 48.262 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	21.3	17.0	25.6

