

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112793.D
 Acq On : 1 Mar 2019 12:12
 Operator : JU/SJ
 Sample : PB117470BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

Quant Time: Mar 01 21:55:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	208408	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	804173	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	383018	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	748280	20.00	ng	0.00
76) Chrysene-d12	13.88	240	511206	20.00	ng	0.00
87) Perylene-d12	15.29	264	432458	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1578310	117.80	ng	0.03
7) Phenol-d6	6.39	99	2039825	121.20	ng	0.02
23) Nitrobenzene-d5	7.30	82	1092774	81.31	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	587072	144.38	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1920348	82.40	ng	0.00
79) Terphenyl-d14	12.84	244	2090438	79.27	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	228352	34.002	ng	99
3) Pyridine	3.28	79	602710	33.545	ng	99
4) n-Nitrosodimethylamine	3.20	42	274336	34.904	ng	98
6) Aniline	6.40	93	591987	25.554	ng	# 82
8) 2-Chlorophenol	6.53	128	543437	36.438	ng	97
9) Benzaldehyde	6.29	77	188004	15.503	ng	98
10) Phenol	6.40	94	672316	34.233	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	535867	35.549	ng	96
12) 1,3-Dichlorobenzene	6.69	146	580034	37.648	ng	98
13) 1,4-Dichlorobenzene	6.76	146	585600	37.901	ng	99
14) 1,2-Dichlorobenzene	6.92	146	534743	37.754	ng	99
15) Benzyl Alcohol	6.89	79	488899	38.096	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	882032	35.062	ng	99
17) 2-Methylphenol	7.00	107	456688	37.746	ng	98
18) Hexachloroethane	7.26	117	220396	37.239	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	377846	35.449	ng	99
20) 3+4-Methylphenols	7.16	107	531605	38.918	ng	97
22) Acetophenone	7.15	105	730802	38.865	ng	99
24) Nitrobenzene	7.32	77	598579	40.018	ng	99
25) Isophorone	7.57	82	1087337	37.556	ng	99
26) 2-Nitrophenol	7.64	139	304274	48.867	ng	95
27) 2,4-Dimethylphenol	7.69	122	493604	42.611	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	681263	37.635	ng	99
29) 2,4-Dichlorophenol	7.89	162	467857	41.648	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	501619	41.558	ng	99
31) Naphthalene	8.05	128	1581449	39.610	ng	100
32) Benzoic acid	7.82	122	388730	47.879	ng	90
33) 4-Chloroaniline	8.09	127	360946	21.345	ng	98
34) Hexachlorobutadiene	8.17	225	283353	41.625	ng	98
35) Caprolactam	8.46	113	88727	22.425	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	489915	39.407	ng	96
37) 2-Methylnaphthalene	8.74	142	1065782	41.336	ng	99
38) 1-Methylnaphthalene	8.84	142	1001087	40.082	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	446102	39.940	ng	99

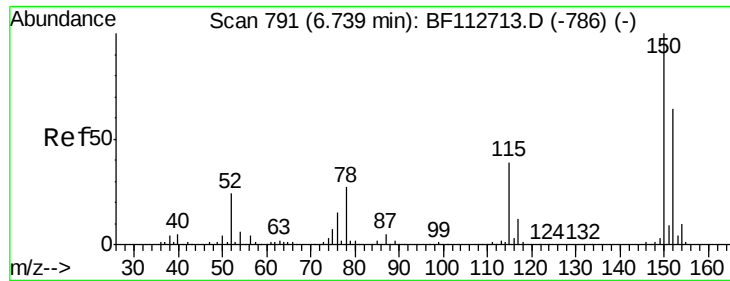
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112793.D
 Acq On : 1 Mar 2019 12:12
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 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	573511	93.768	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	342732	44.586	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	351717	42.331	ng	98
46) 1,1'-Biphenyl	9.20	154	1245420	39.865	ng	98
47) 2-Chloronaphthalene	9.23	162	970160	39.770	ng	97
48) 2-Nitroaniline	9.32	65	319014	43.024	ng	98
49) Acenaphthylene	9.64	152	1567227	37.844	ng	99
50) Dimethylphthalate	9.50	163	1115167	39.486	ng	100
51) 2,6-Dinitrotoluene	9.56	165	256802	43.666	ng	92
52) Acenaphthene	9.81	154	949278	39.197	ng	99
53) 3-Nitroaniline	9.72	138	187034	26.100	ng	94
54) 2,4-Dinitrophenol	9.83	184	253616	103.375	ng	# 91
55) Dibenzofuran	9.98	168	1372471	38.993	ng	99
56) 4-Nitrophenol	9.89	139	466602	80.115	ng	98
57) 2,4-Dinitrotoluene	9.96	165	339391	46.426	ng	91
58) Fluorene	10.32	166	987014	39.509	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	306313	44.250	ng	96
60) Diethylphthalate	10.20	149	1129314	37.861	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	482694	41.528	ng	97
62) 4-Nitroaniline	10.34	138	274369	41.433	ng	96
63) Azobenzene	10.47	77	1099411	35.985	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	159268	51.436	ng	91
66) n-Nitrosodiphenylamine	10.43	169	947021	39.462	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	319998	40.601	ng	95
68) Hexachlorobenzene	10.87	284	369546	41.594	ng	# 90
69) Atrazine	10.96	200	294233	40.033	ng	98
70) Pentachlorophenol	11.06	266	411409	78.674	ng	98
71) Phenanthrene	11.28	178	1481871	39.803	ng	99
72) Anthracene	11.33	178	1525864	39.153	ng	99
73) Carbazole	11.48	167	1433446	37.705	ng	100
74) Di-n-butylphthalate	11.82	149	1726492	37.875	ng	100
75) Fluoranthene	12.46	202	1597856	40.059	ng	97
77) Benzidine	12.58	184	641241	24.177	ng	98
78) Pyrene	12.69	202	1642673	38.117	ng	100
80) Butylbenzylphthalate	13.31	149	739495	38.874	ng	95
81) Benzo(a)anthracene	13.87	228	1305018	36.834	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	363878	27.156	ng	98
83) Chrysene	13.91	228	1275476	36.752	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	829707	37.185	ng	100
85) Di-n-octyl phthalate	14.48	149	1489969	38.888	ng	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1083624	36.625	ng	96
88) Benzo(b)fluoranthene	14.92	252	1040270	37.189	ng	99
89) Benzo(k)fluoranthene	14.92	252	1040270	41.056	ng	99
90) Benzo(a)pyrene	15.23	252	1055711	42.668	ng	97
91) Dibenzo(a,h)anthracene	16.67	278	899926	42.624	ng	98
92) Benzo(g,h,i)perylene	17.06	276	905031	42.690	ng	97

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

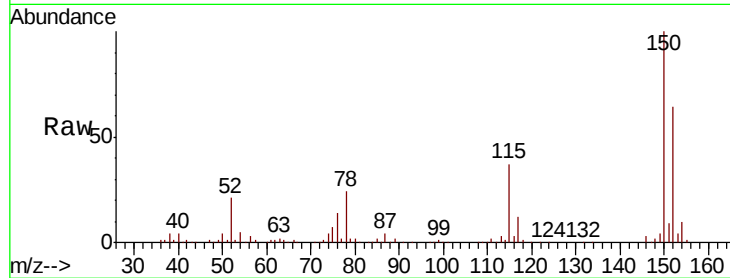


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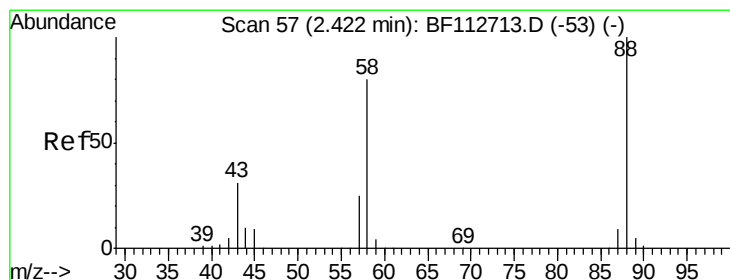
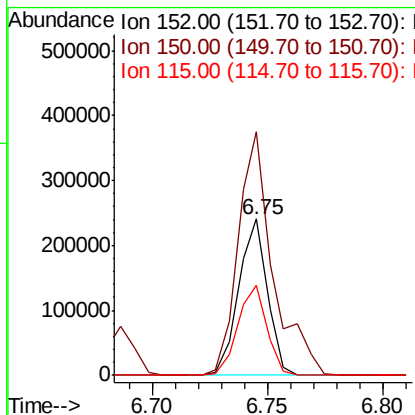
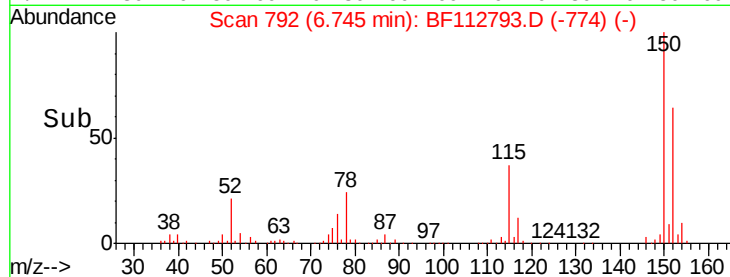
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:152 Resp: 208408
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 57.8 48.2 72.4



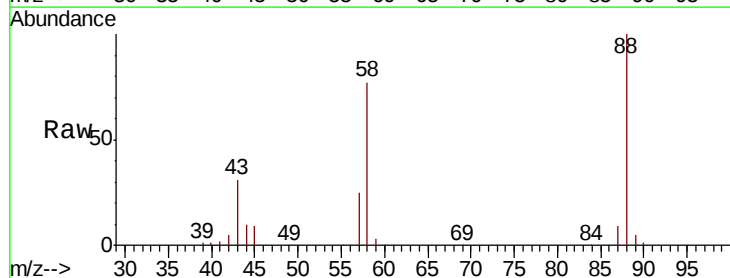
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



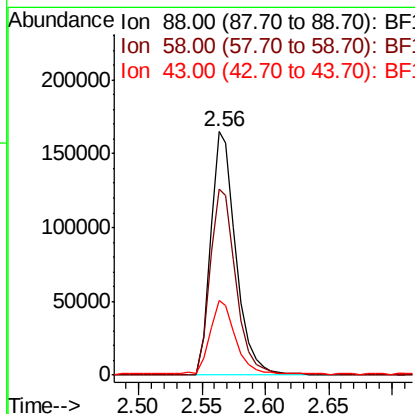
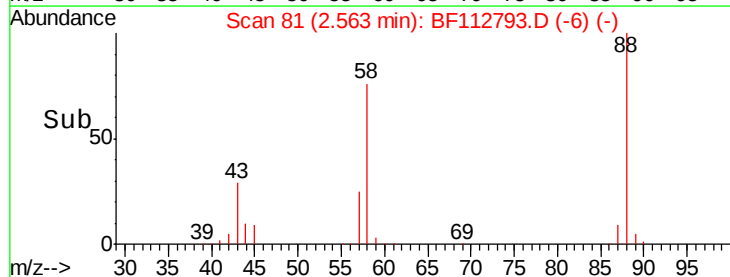
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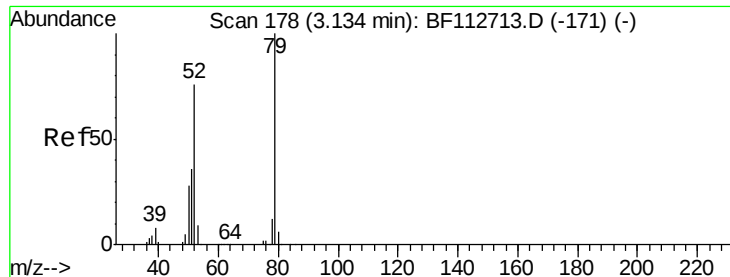
1,4-Dioxane
Concen: 34.002 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.14 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion: 88 Resp: 228352
Ion Ratio Lower Upper
88 100
58 78.5 63.1 94.7
43 31.1 24.3 36.5



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

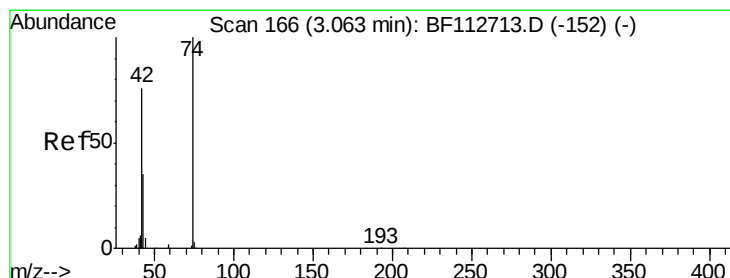
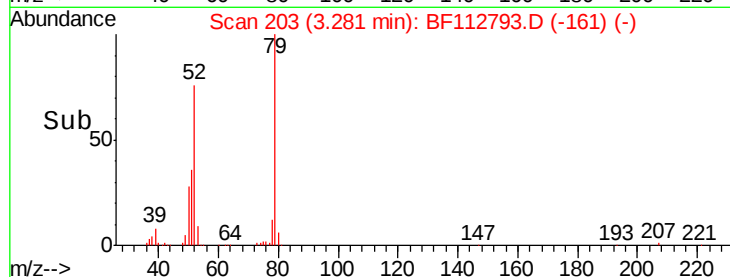
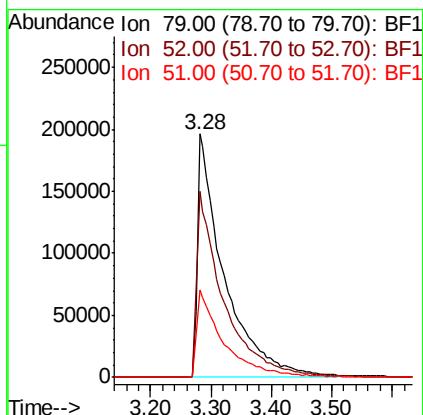
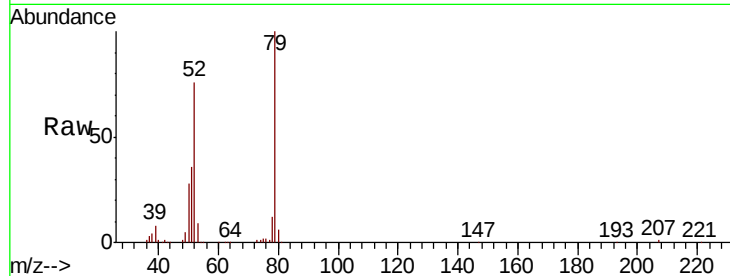




#3
 Pyridine
 Concen: 33.545 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.15 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

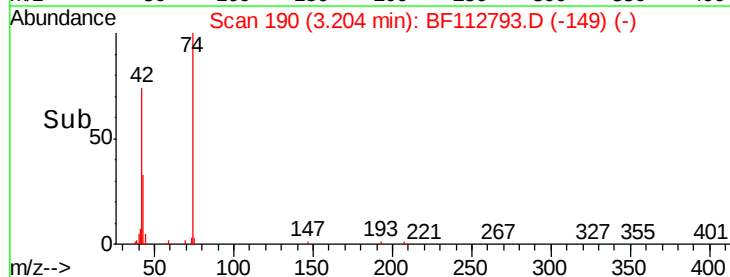
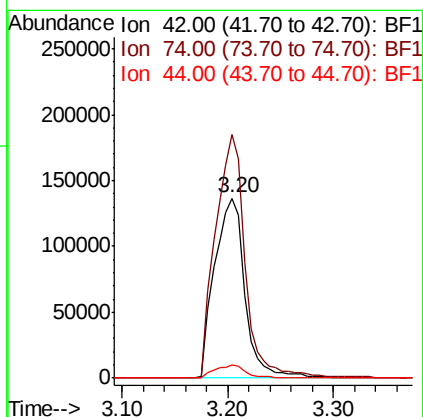
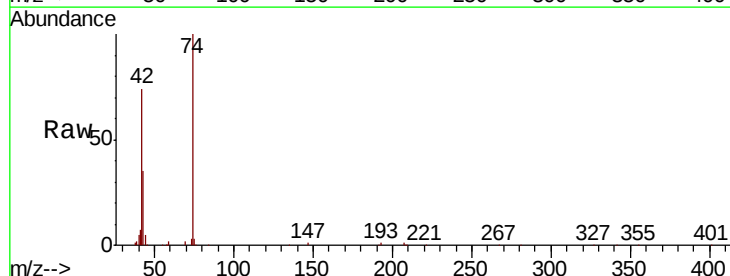
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

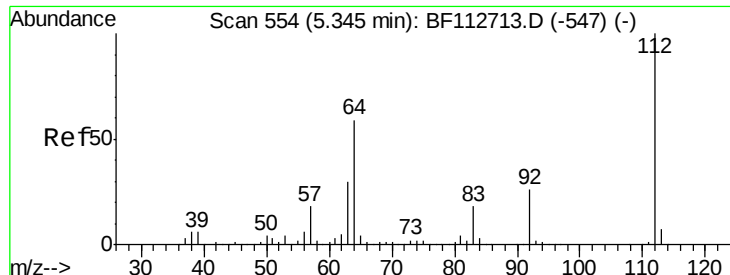
Tgt Ion: 79 Resp: 602710
 Ion Ratio Lower Upper
 79 100
 52 76.5 60.5 90.7
 51 36.0 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 34.904 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.14 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion: 42 Resp: 274336
 Ion Ratio Lower Upper
 42 100
 74 135.1 105.8 158.8
 44 7.0 6.2 9.2





#5

2-Fluorophenol

Concen: 117.804 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.03 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

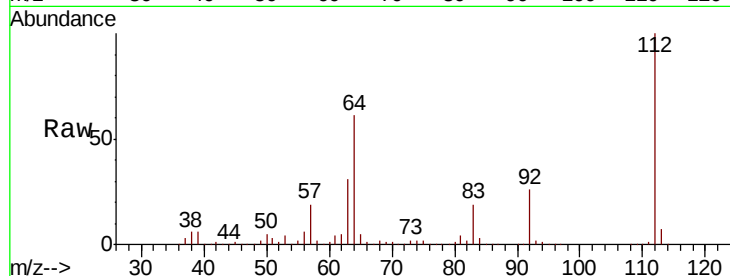
Tgt Ion: 112 Resp: 1578310

Ion Ratio Lower Upper

112 100

64 61.2 47.6 71.4

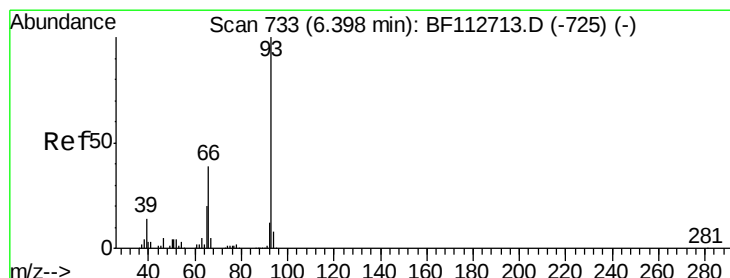
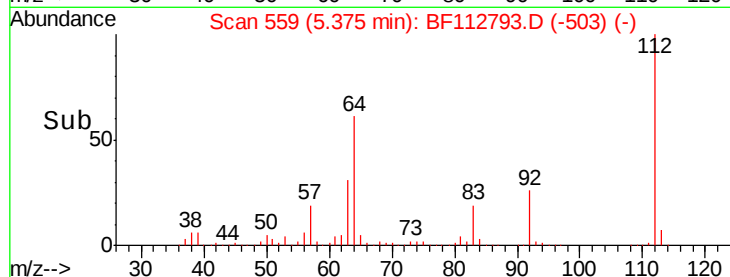
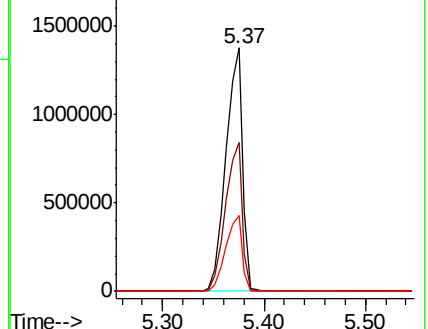
63 31.4 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.554 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

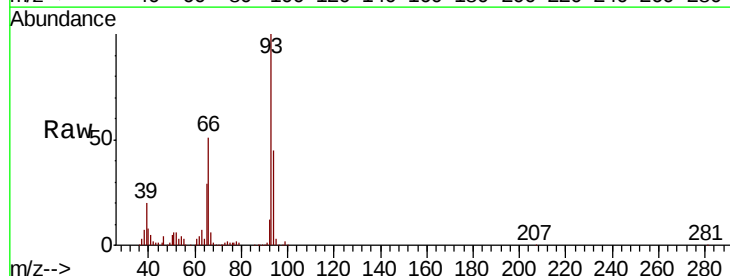
Tgt Ion: 93 Resp: 591987

Ion Ratio Lower Upper

93 100

66 51.1 32.2 48.2#

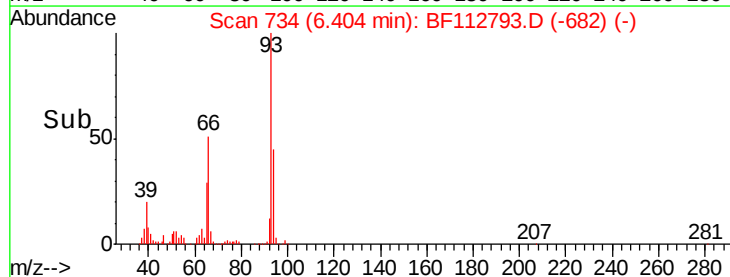
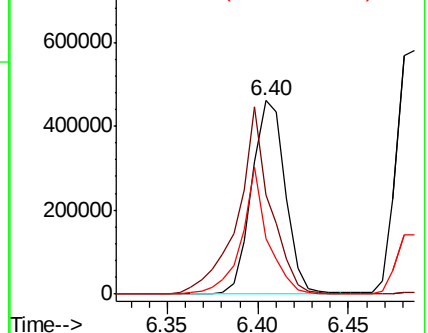
65 28.8 16.2 24.4#

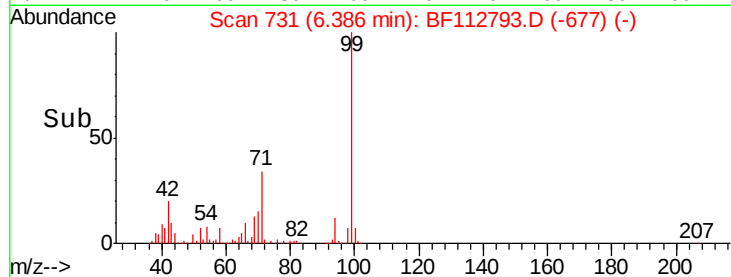
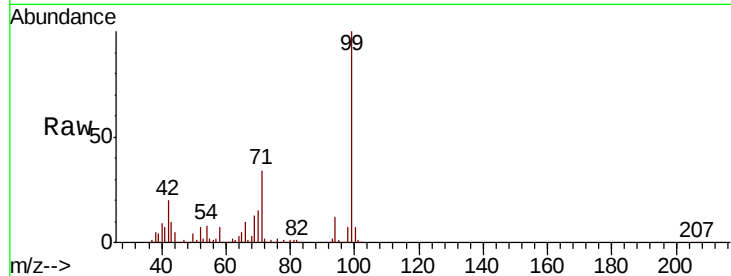
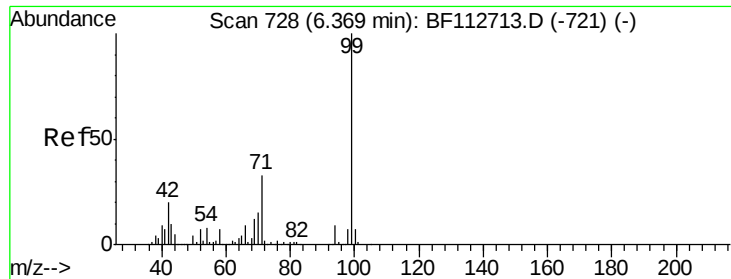


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.203 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

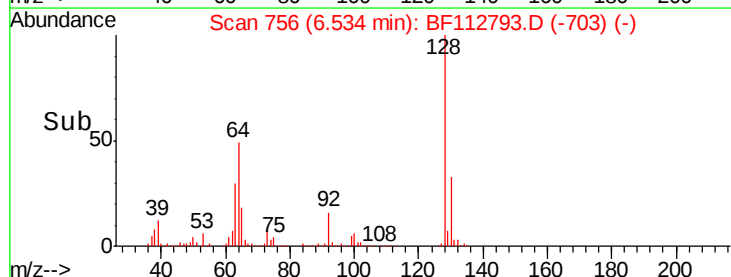
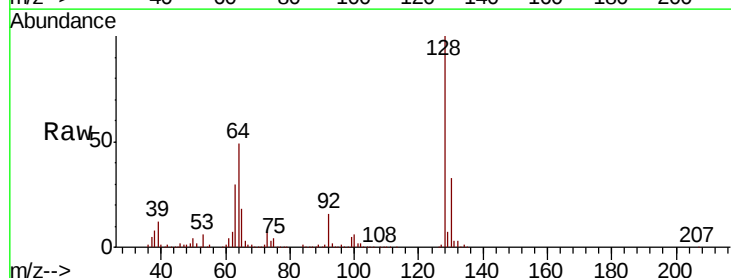
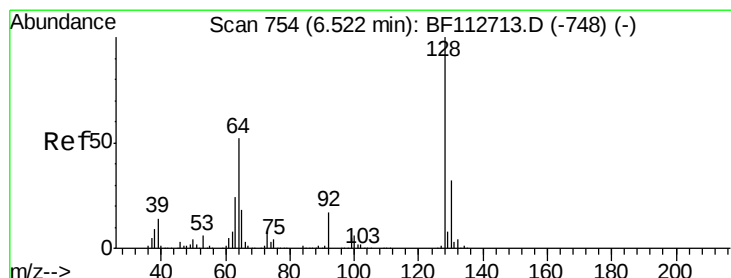
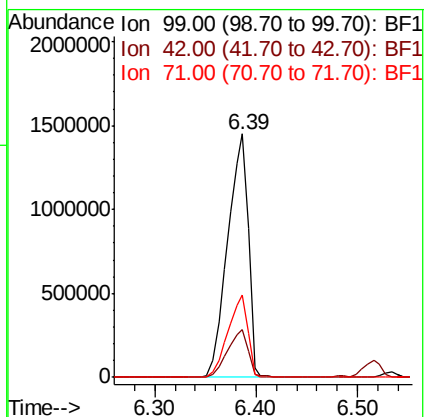
Tgt Ion: 99 Resp: 2039825

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 33.7 26.2 39.4



#8

2-Chlorophenol

Concen: 36.438 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

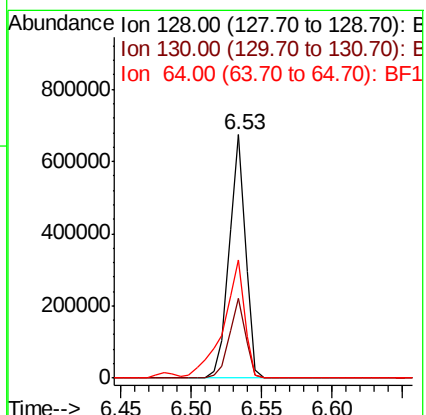
Tgt Ion: 128 Resp: 543437

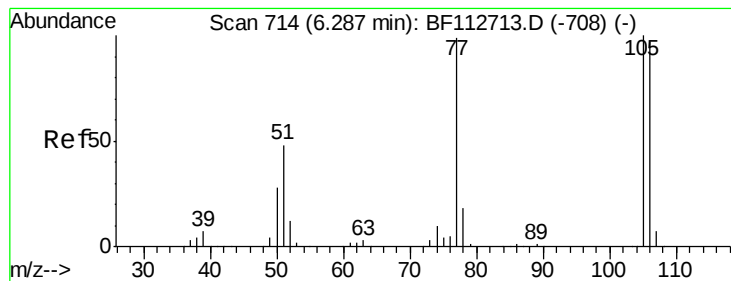
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 48.6 32.2 72.2





#9

Benzaldehyde

Concen: 15.503 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

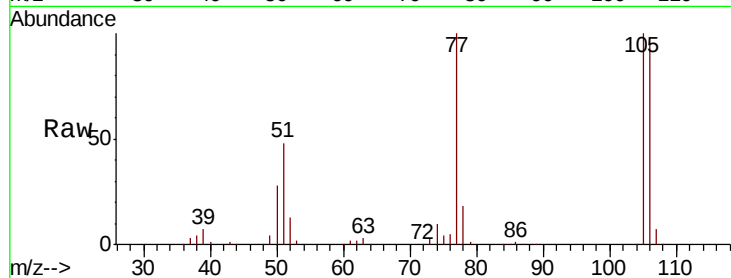
Tgt Ion: 77 Resp: 188004

Ion Ratio Lower Upper

77 100

105 100.1 81.4 121.4

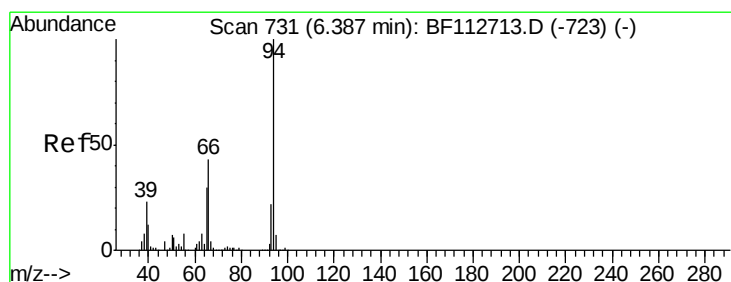
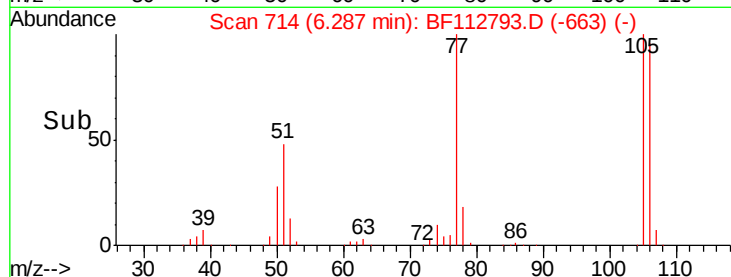
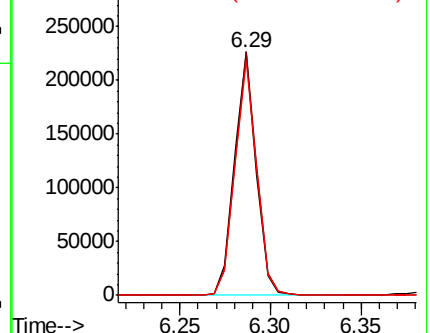
106 96.3 78.3 118.3



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: 34.233 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

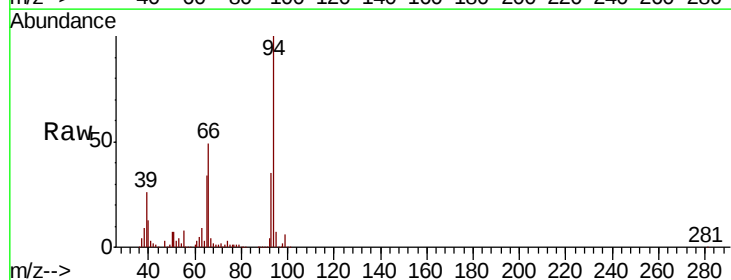
Tgt Ion: 94 Resp: 672316

Ion Ratio Lower Upper

94 100

65 33.6 10.5 50.5

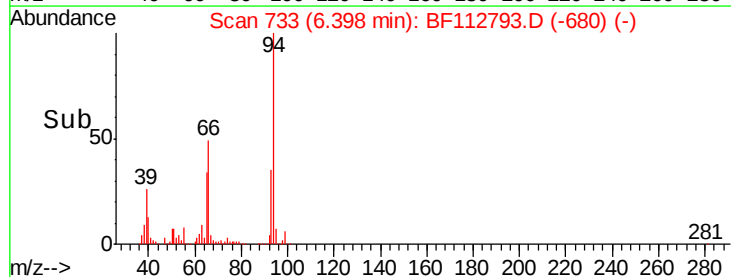
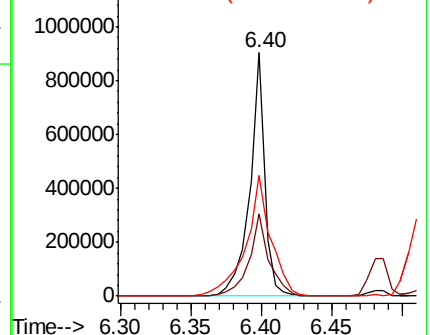
66 49.3 22.6 62.6

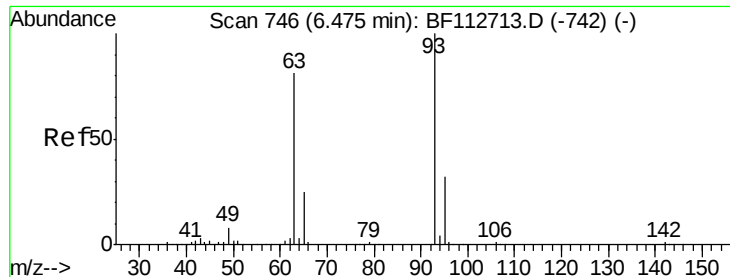


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

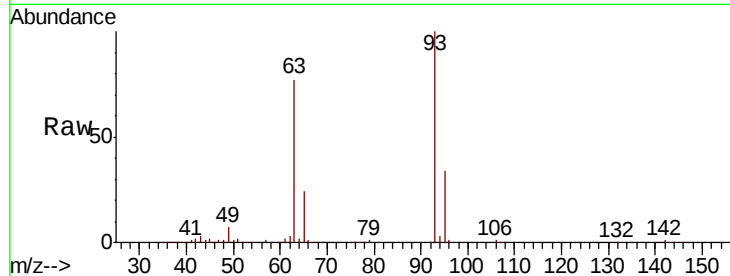




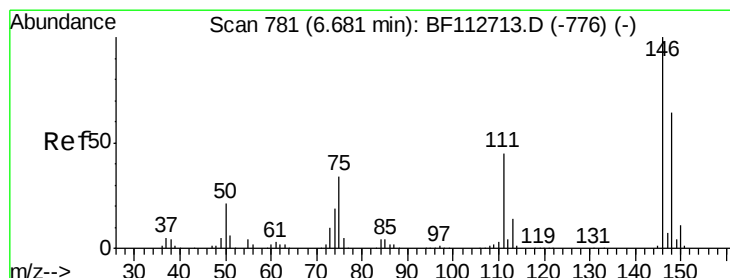
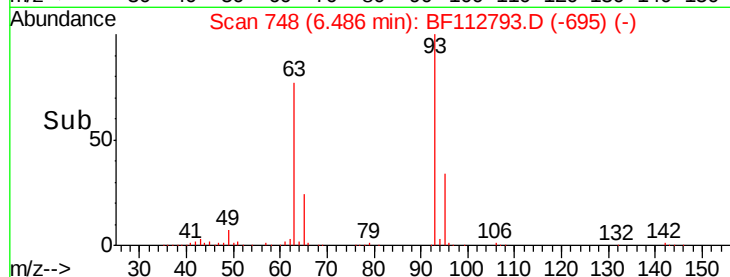
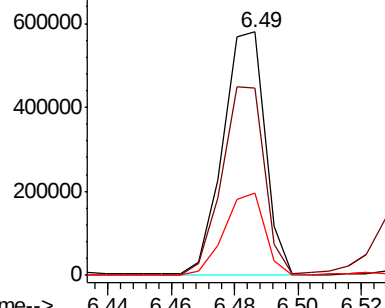
#11
 bis(2-Chloroethyl)ether
 Concen: 35.549 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

Tgt Ion: 93 Resp: 535867
 Ion Ratio Lower Upper
 93 100
 63 76.9 60.5 100.5
 95 33.7 12.1 52.1

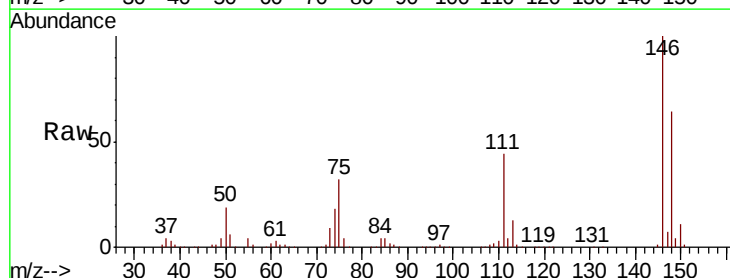


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

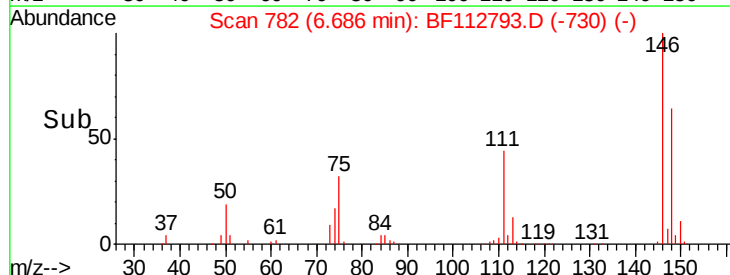
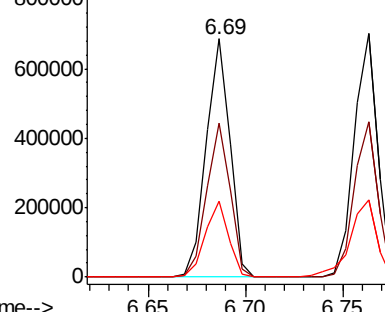


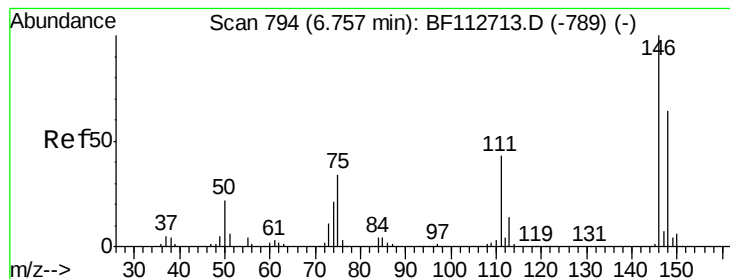
#12
 1,3-Dichlorobenzene
 Concen: 37.648 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion: 146 Resp: 580034
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 75 32.0 26.9 40.3



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





#13

1,4-Dichlorobenzene

Concen: 37.901 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

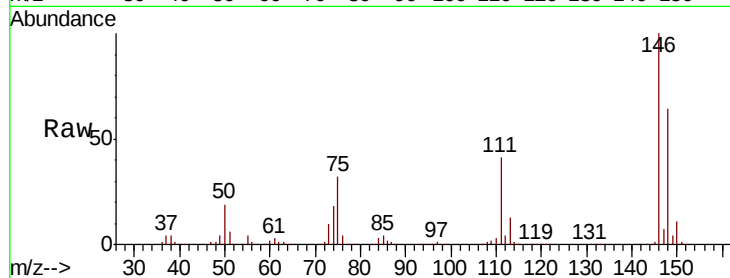
Tgt Ion:146 Resp: 585600

Ion Ratio Lower Upper

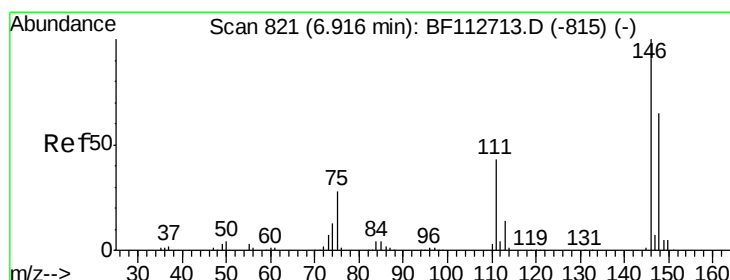
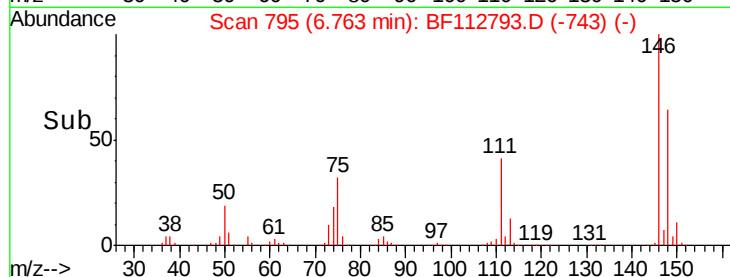
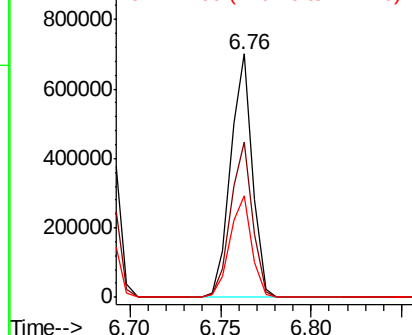
146 100

148 63.8 51.0 76.4

111 41.5 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.754 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

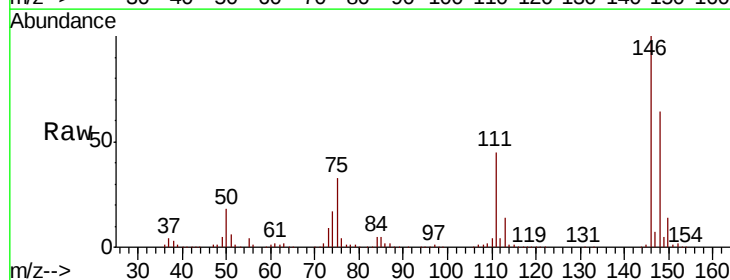
Tgt Ion:146 Resp: 534743

Ion Ratio Lower Upper

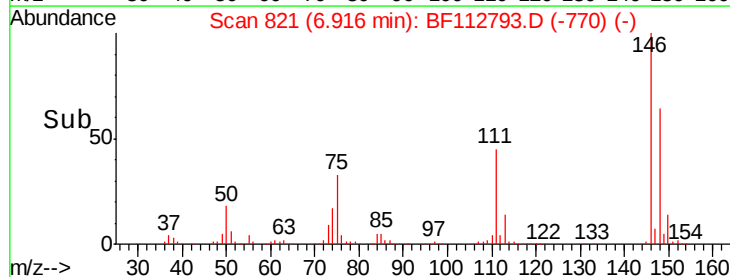
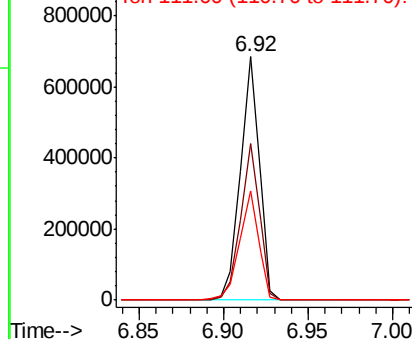
146 100

148 64.4 52.0 78.0

111 44.8 34.8 52.2



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: 38.096 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

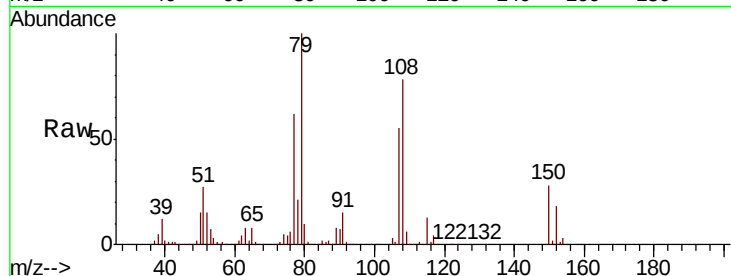
Tgt Ion: 79 Resp: 488899

Ion Ratio Lower Upper

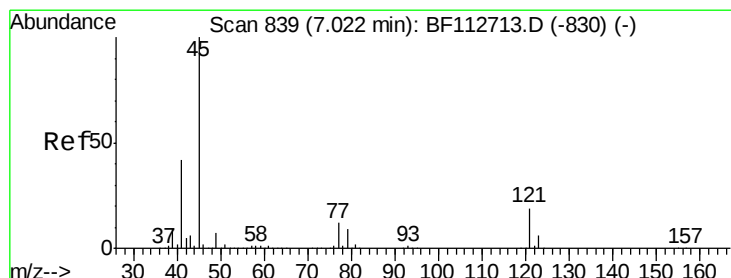
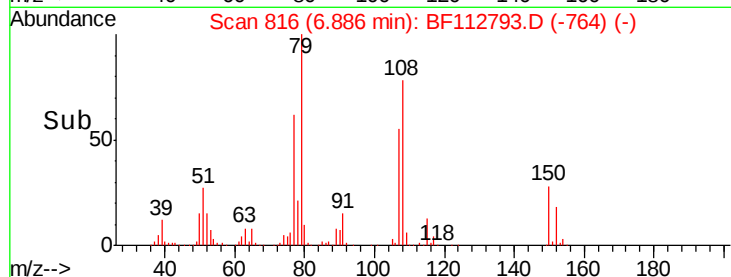
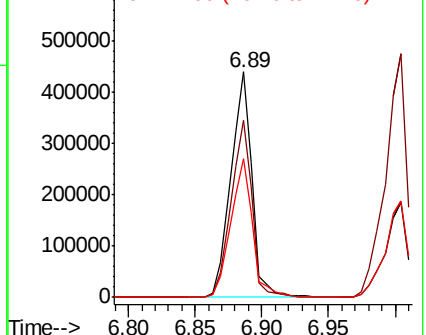
79 100

108 78.4 64.2 96.4

77 61.9 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.062 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

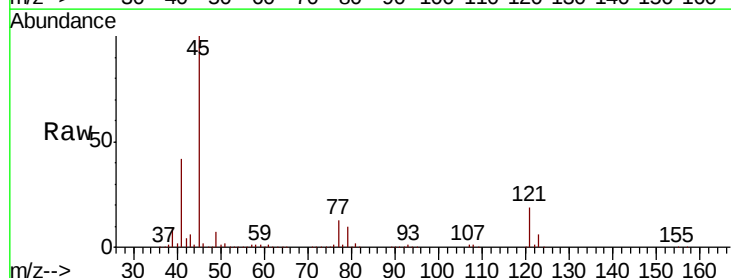
Tgt Ion: 45 Resp: 882032

Ion Ratio Lower Upper

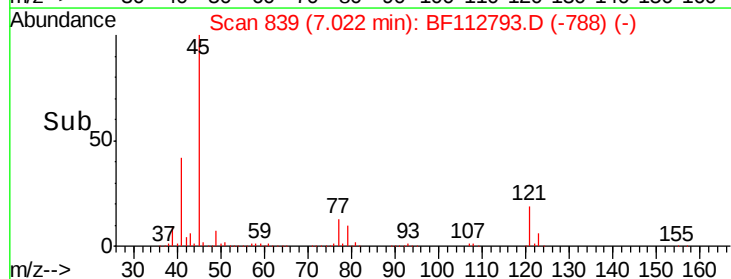
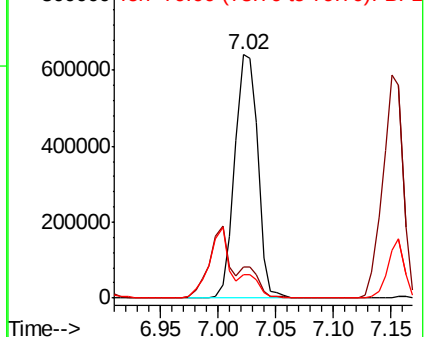
45 100

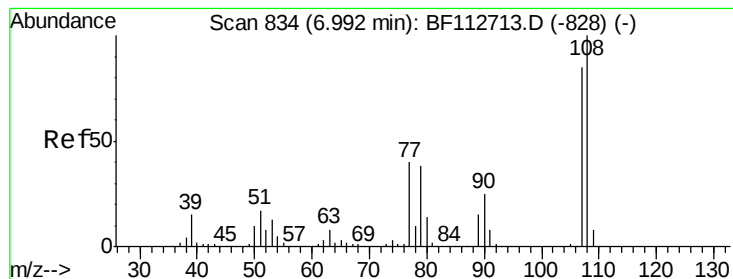
77 12.7 0.0 32.1

79 9.5 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.746 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

Tgt Ion:107 Resp: 456688

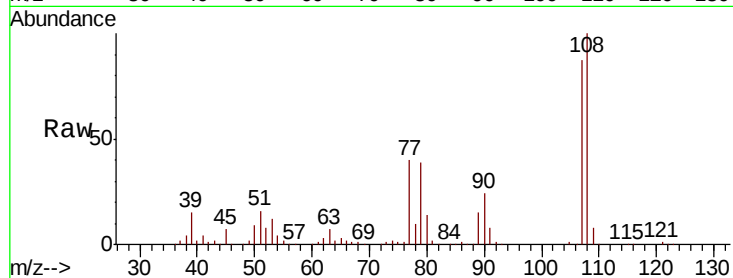
Ion Ratio Lower Upper

107 100

108 114.9 94.6 142.0

77 45.8 37.8 56.8

79 44.7 36.2 54.2

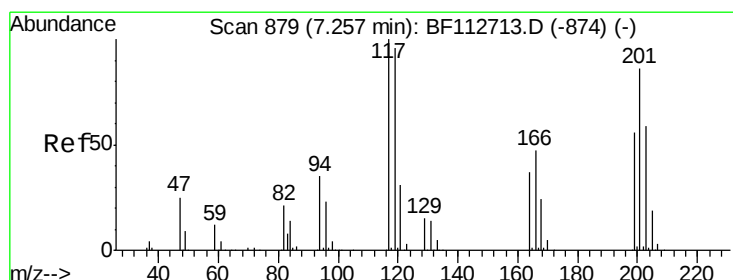
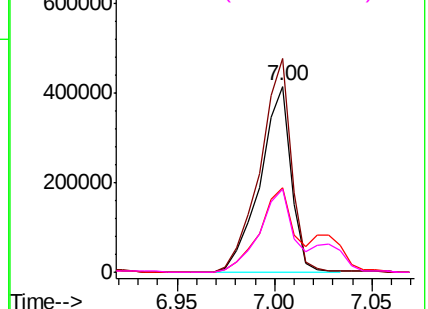
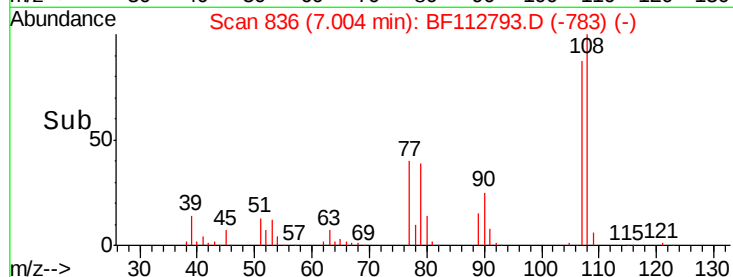


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.239 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

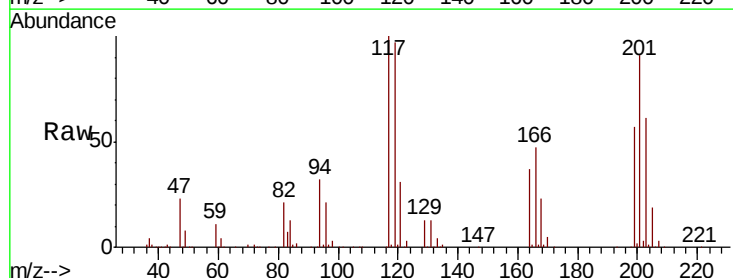
Tgt Ion:117 Resp: 220396

Ion Ratio Lower Upper

117 100

119 96.9 76.6 115.0

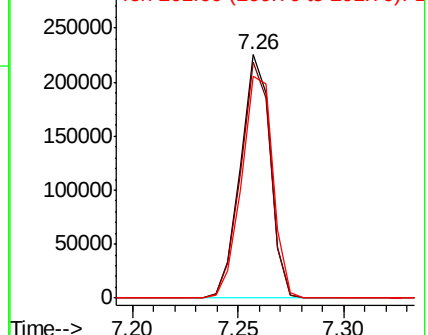
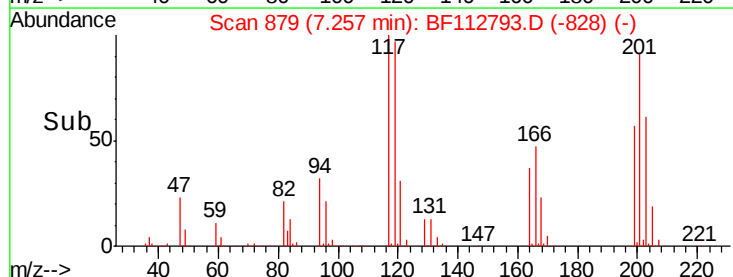
201 91.1 68.9 103.3

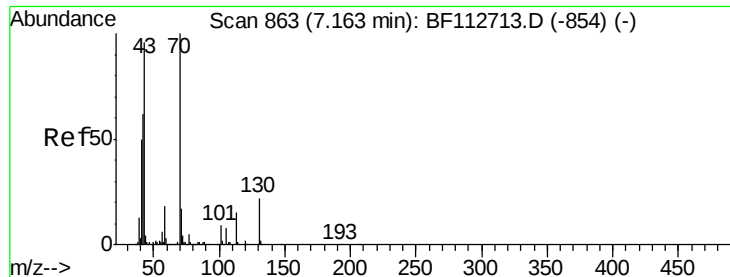


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

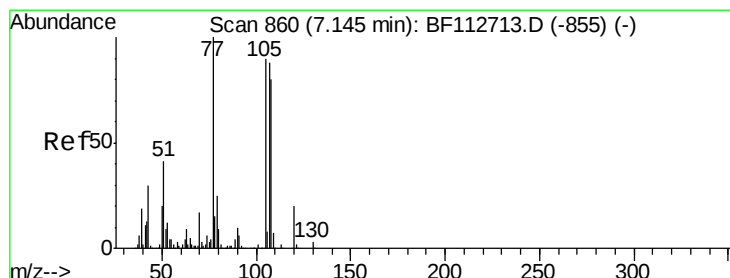
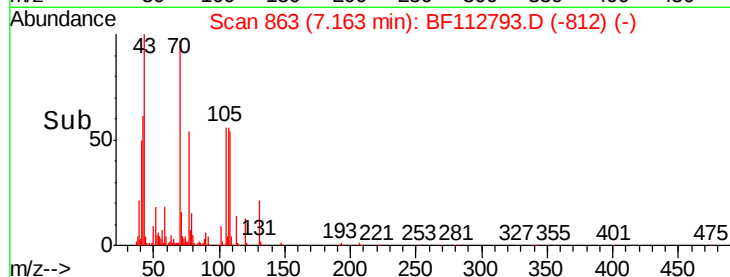
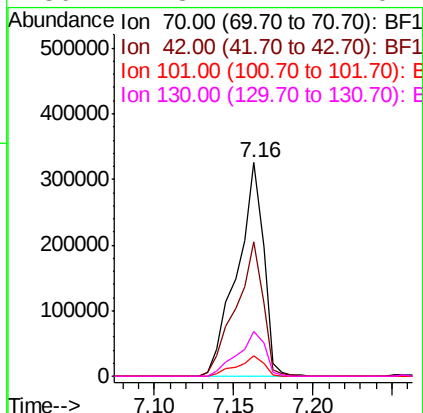
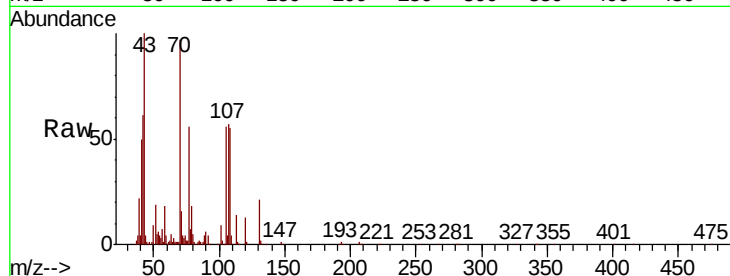




#19
n-Nitroso-di-n-propylamine
Concen: 35.449 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

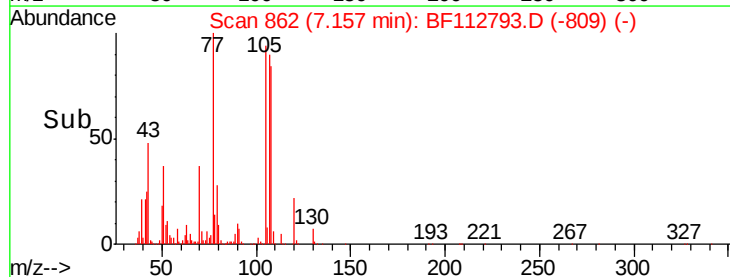
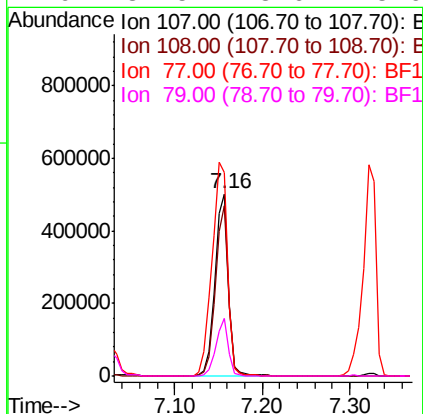
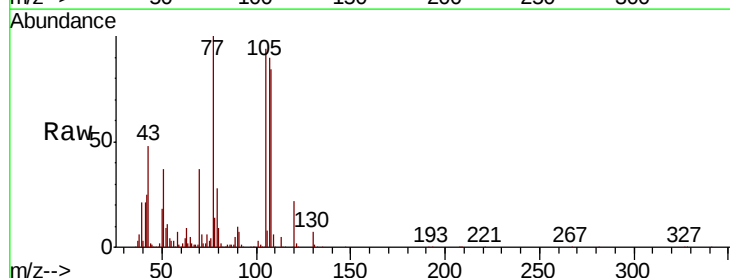
Instrument :
BNA_F
ClientSampleId :
PB117470BS

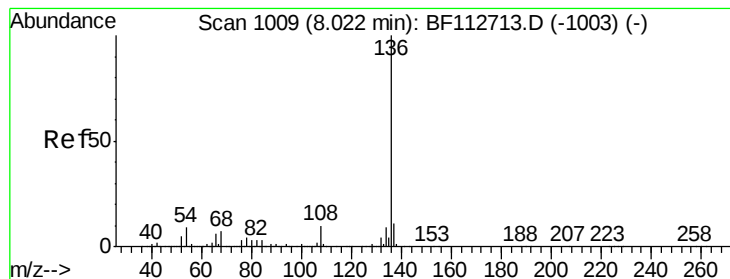
Tgt Ion:	70	Resp:	377846
Ion	Ratio	Lower	Upper
70	100		
42	62.9	49.9	74.9
101	9.4	7.4	11.2
130	21.3	17.4	26.2



#20
3+4-Methylphenols
Concen: 38.918 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:	107	Resp:	531605
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	111.7	94.1	134.1
79	31.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

Tgt Ion:136 Resp: 804173

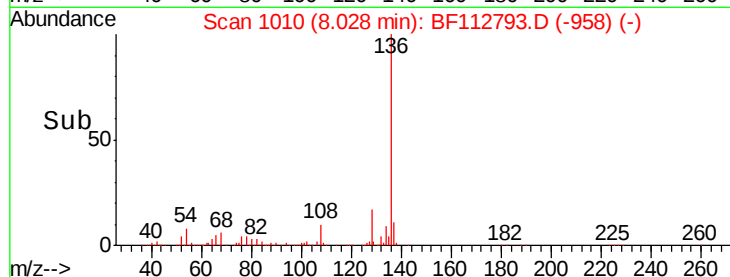
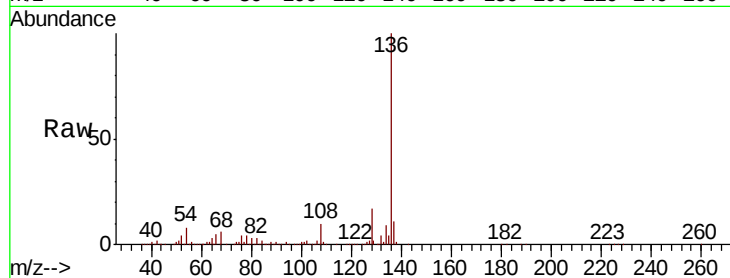
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 7.3 10.9

68 5.9 5.4 8.2



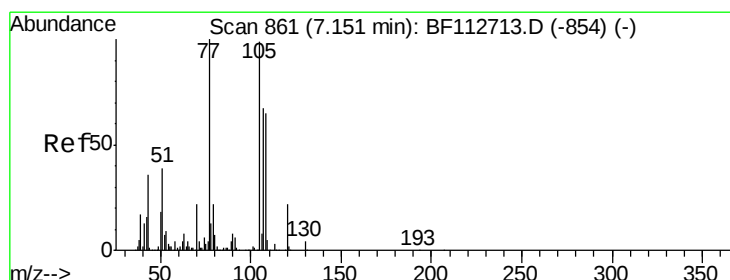
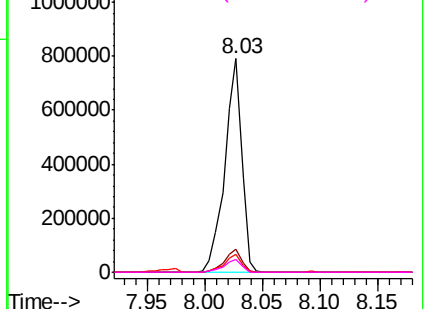
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.865 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Tgt Ion:105 Resp: 730802

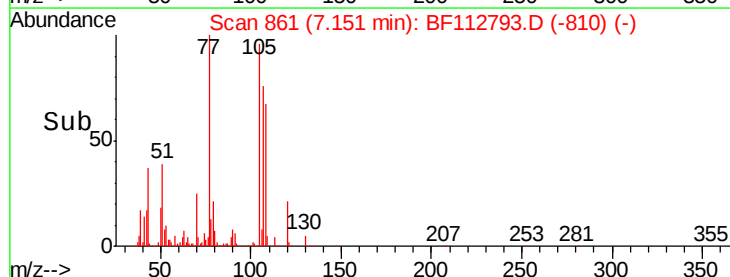
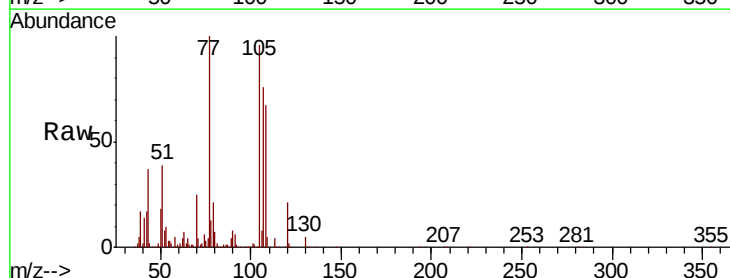
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 40.5 31.5 47.3

120 22.3 18.1 27.1



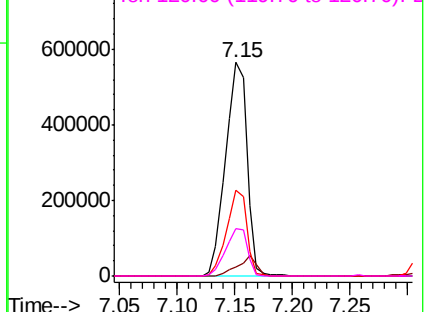
Abundance

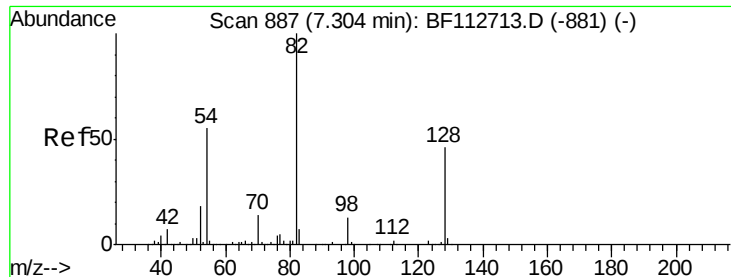
Ion 105.00 (104.70 to 105.70): E

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

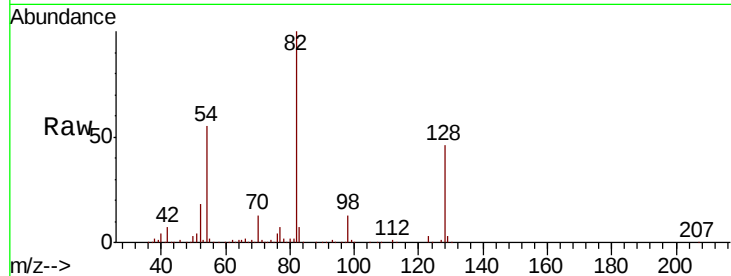




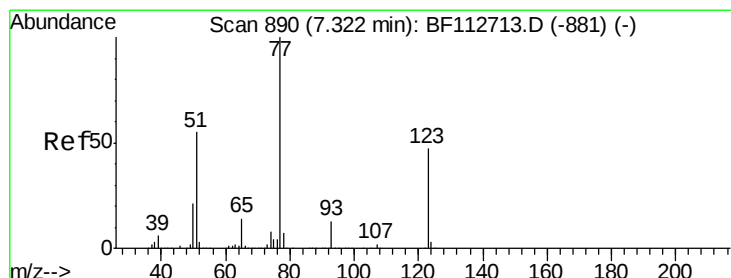
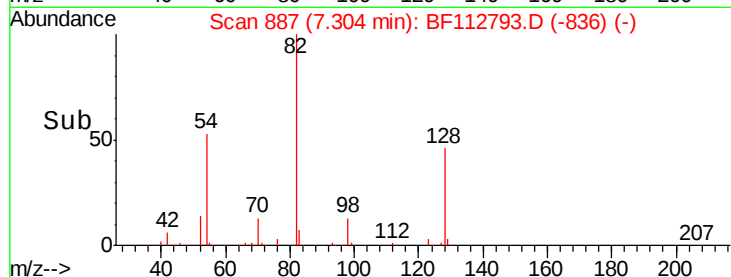
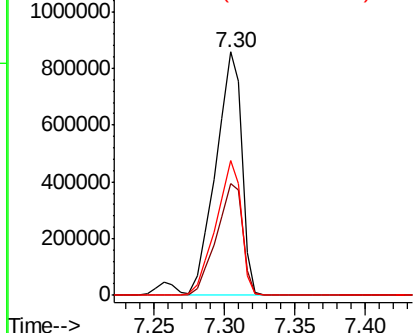
#23
Nitrobenzene-d5
Concen: 81.313 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion: 82 Resp: 1092774
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 55.2 43.7 65.5

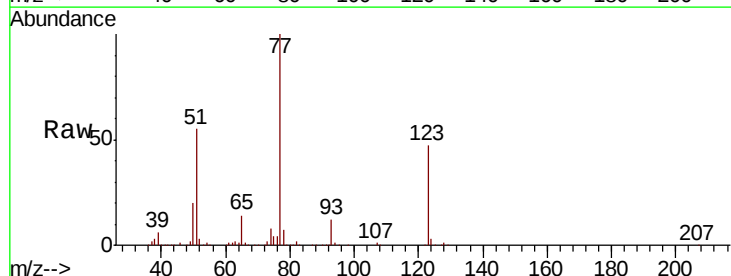


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

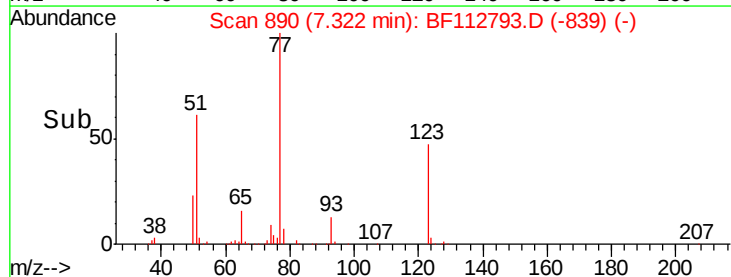
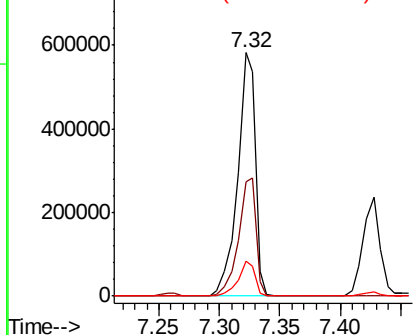


#24
Nitrobenzene
Concen: 40.018 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion: 77 Resp: 598579
Ion Ratio Lower Upper
77 100
123 46.8 37.8 56.6
65 14.2 11.1 16.7



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





#25

Isophorone

Concen: 37.556 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

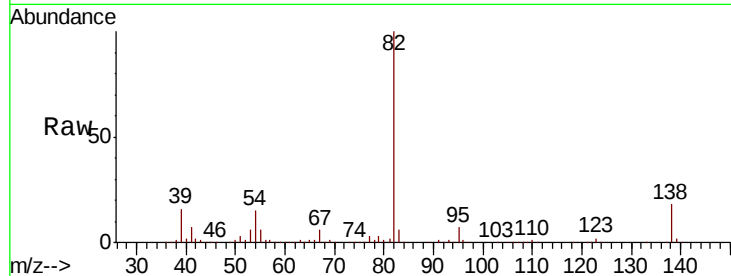
Tgt Ion: 82 Resp: 1087337

Ion Ratio Lower Upper

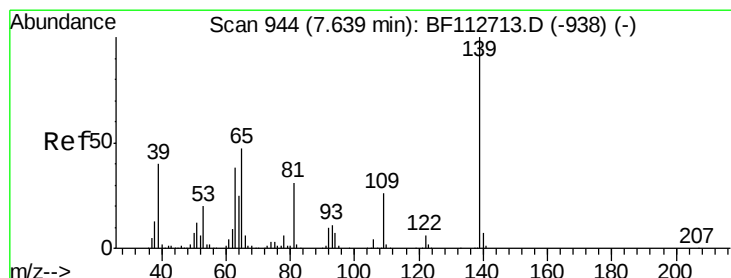
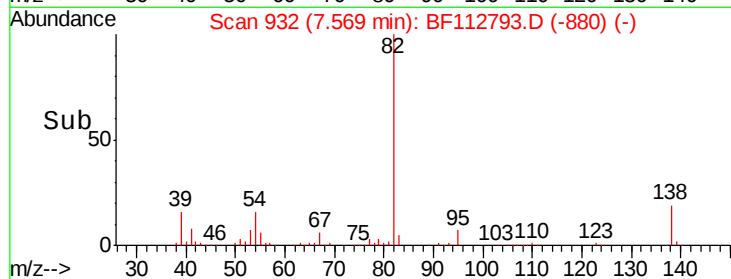
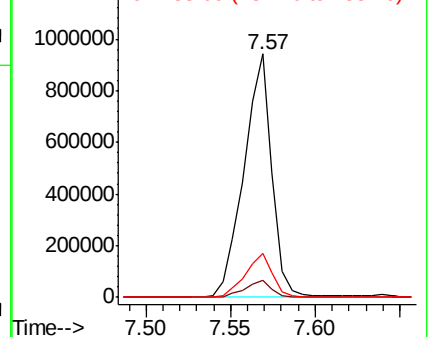
82 100

95 6.8 5.2 7.8

138 18.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.867 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

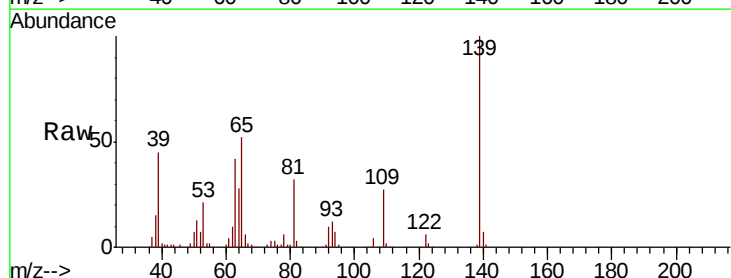
Tgt Ion: 139 Resp: 304274

Ion Ratio Lower Upper

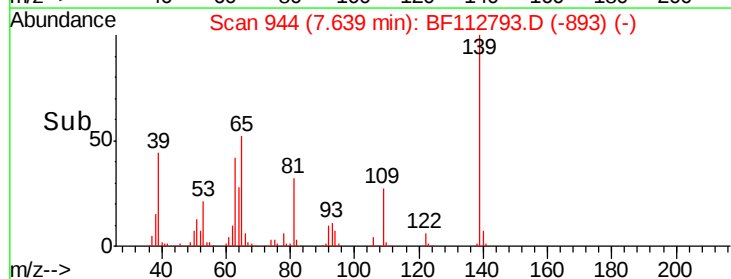
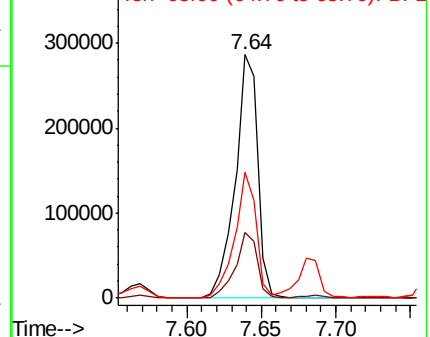
139 100

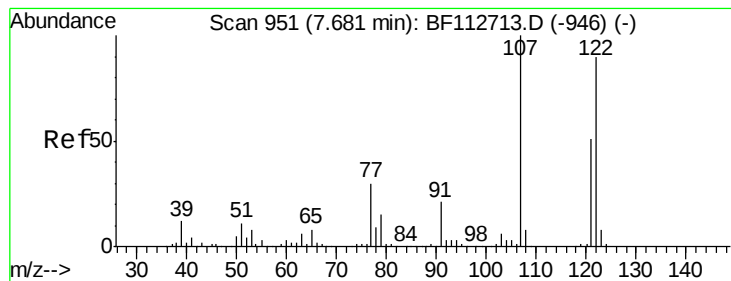
109 27.0 20.6 31.0

65 51.8 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

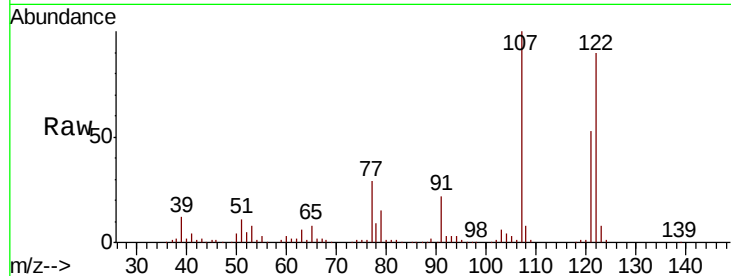




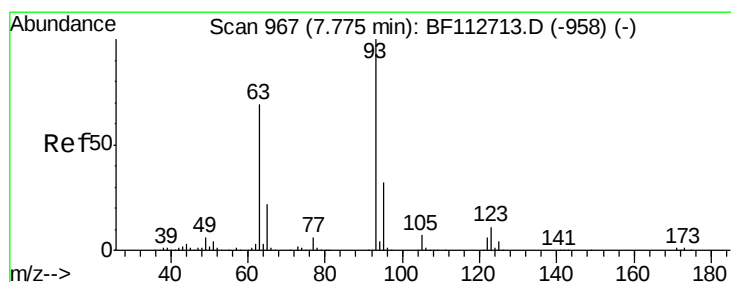
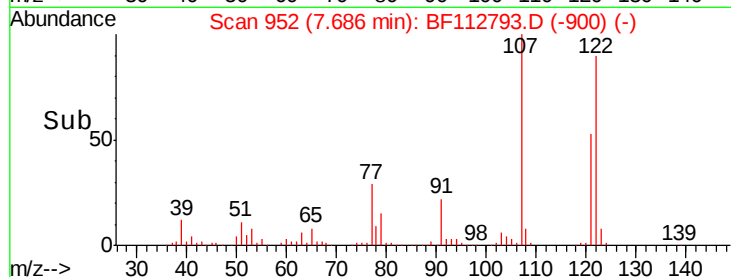
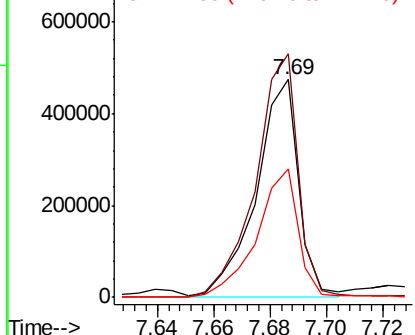
#27
2,4-Dimethylphenol
Concen: 42.611 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:122 Resp: 493604
Ion Ratio Lower Upper
122 100
107 111.7 89.4 134.0
121 58.9 45.5 68.3

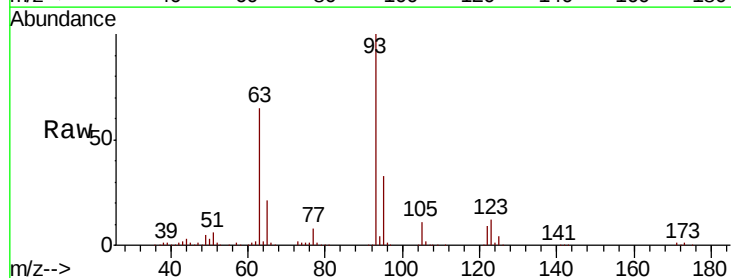


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

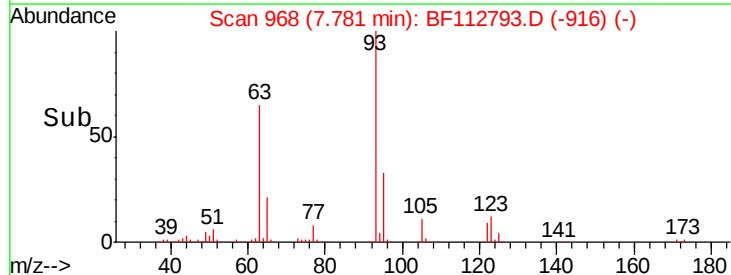
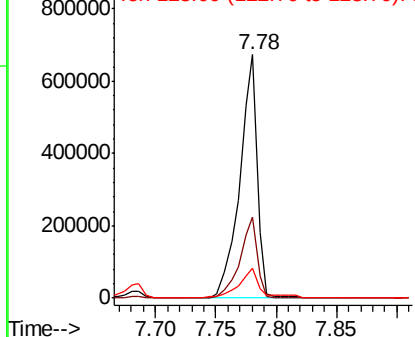


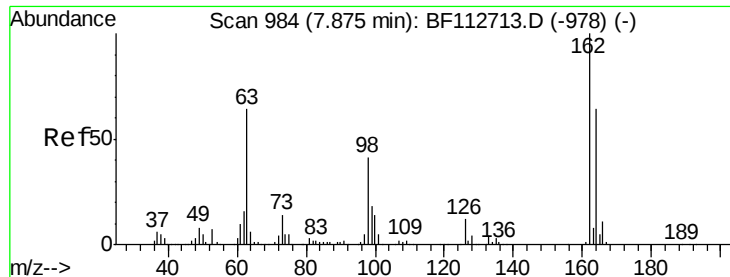
#28
bis(2-Chloroethoxy)methane
Concen: 37.635 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion: 93 Resp: 681263
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 12.4 9.3 13.9



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

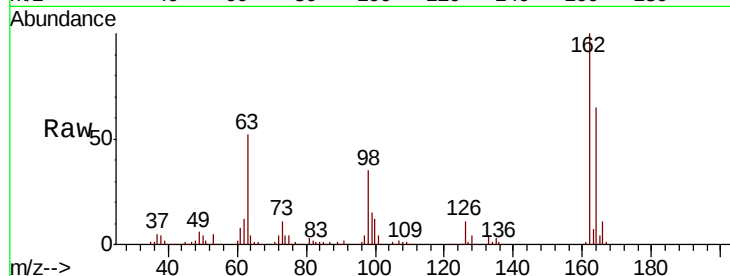




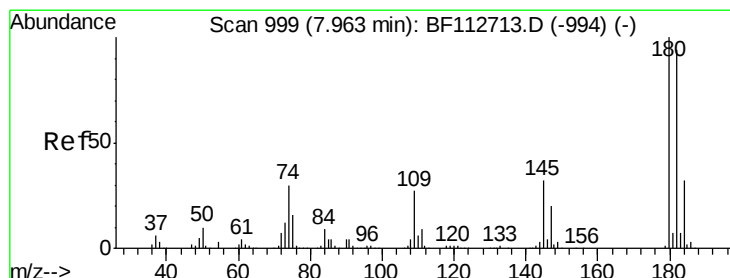
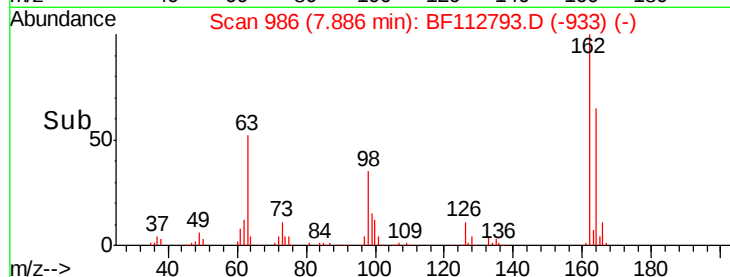
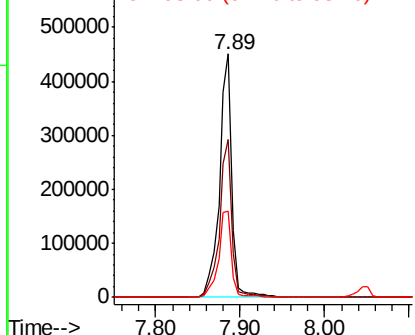
#29
2,4-Dichlorophenol
Concen: 41.648 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:162 Resp: 467857
Ion Ratio Lower Upper
162 100
164 65.0 44.0 84.0
98 35.4 20.7 60.7

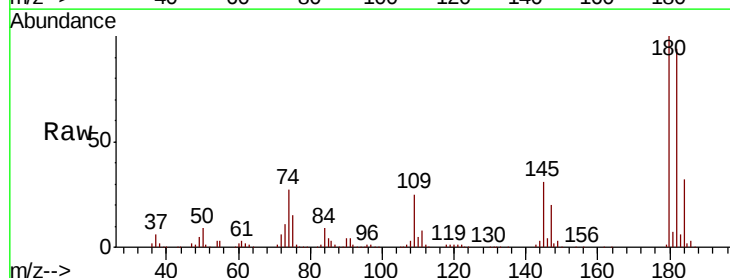


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

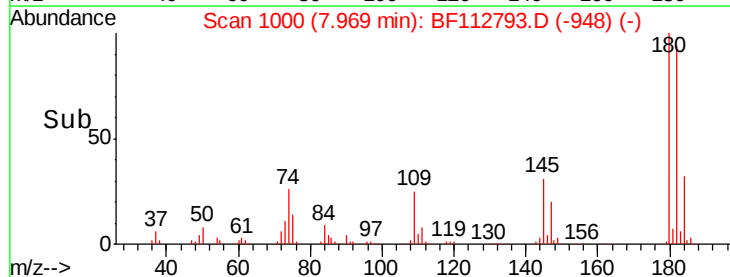
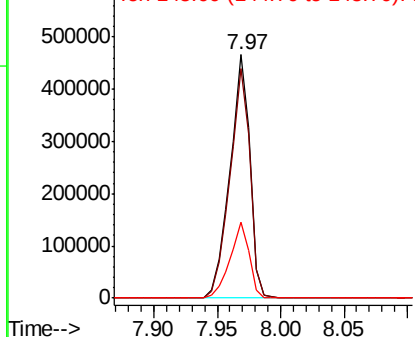


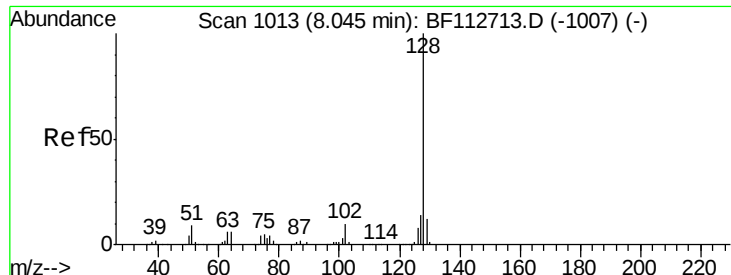
#30
1,2,4-Trichlorobenzene
Concen: 41.558 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:180 Resp: 501619
Ion Ratio Lower Upper
180 100
182 94.4 75.2 112.8
145 31.1 25.4 38.0



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

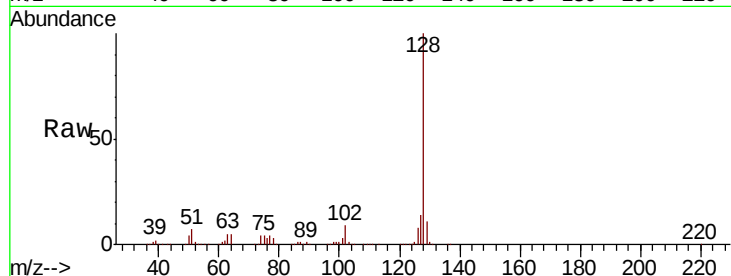




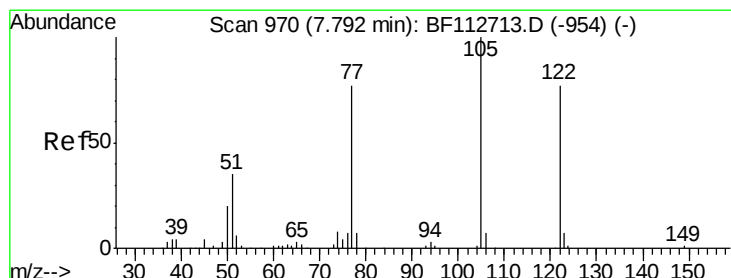
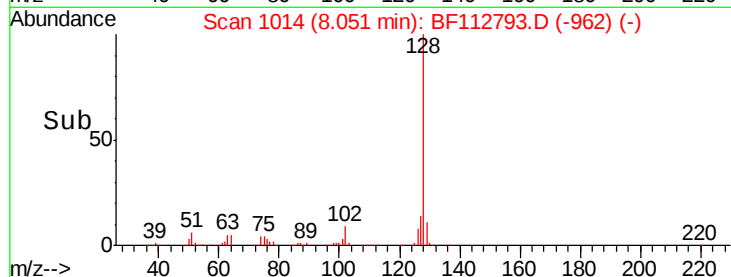
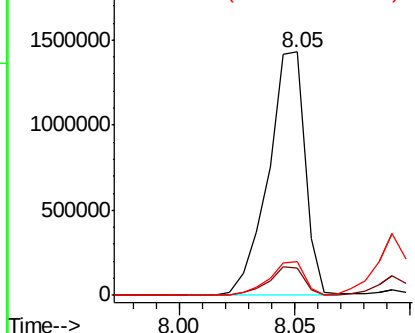
#31
Naphthalene
Concen: 39.610 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:128 Resp: 1581449
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.6 10.9 16.3

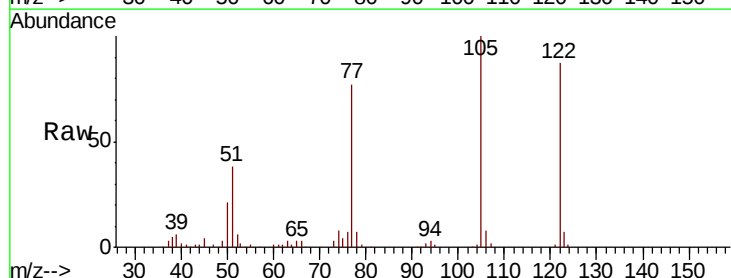


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

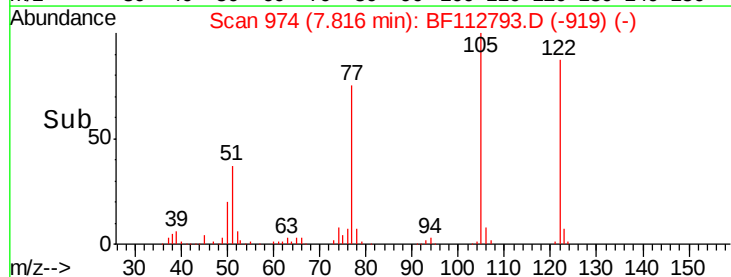
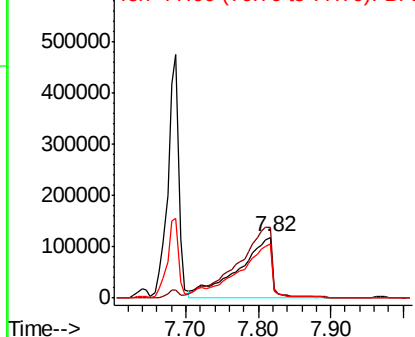


#32
Benzoic acid
Concen: 47.879 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:122 Resp: 388730
Ion Ratio Lower Upper
122 100
105 115.5 106.8 146.8
77 88.7 79.4 119.4



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

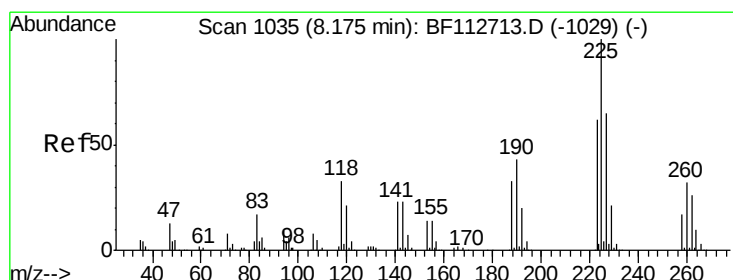
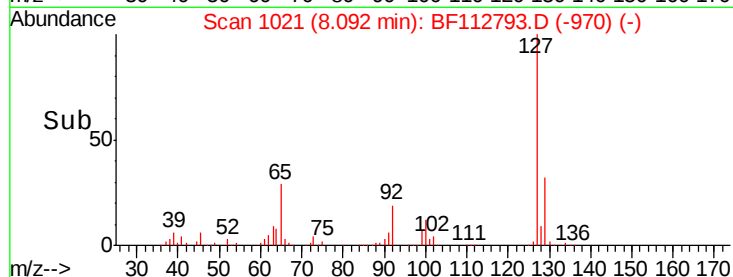
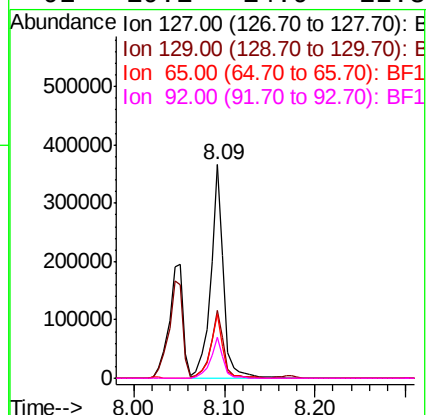
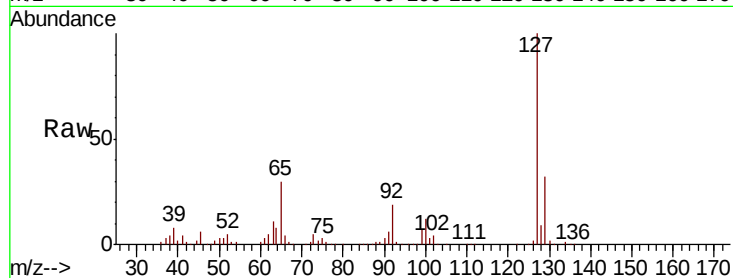




#33
4-Chloroaniline
Concen: 21.345 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

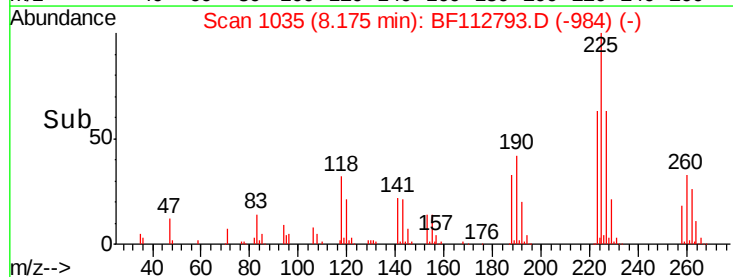
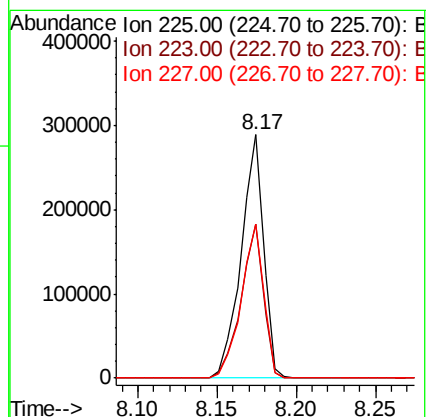
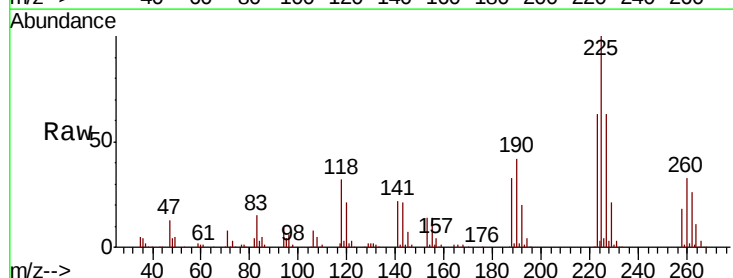
Instrument :
BNA_F
ClientSampleId :
PB117470BS

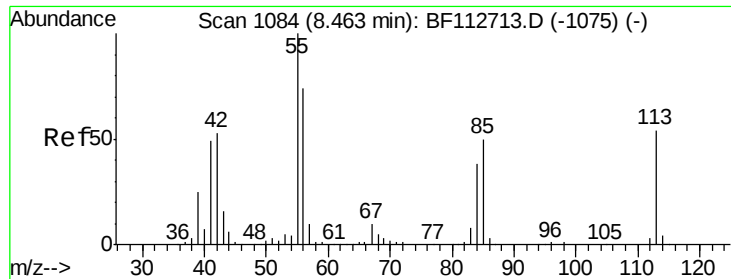
Tgt Ion:	127	Resp:	360946
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	29.9	23.1	34.7
92	19.1	14.9	22.3



#34
Hexachlorobutadiene
Concen: 41.625 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:	225	Resp:	283353
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	63.3	52.1	78.1

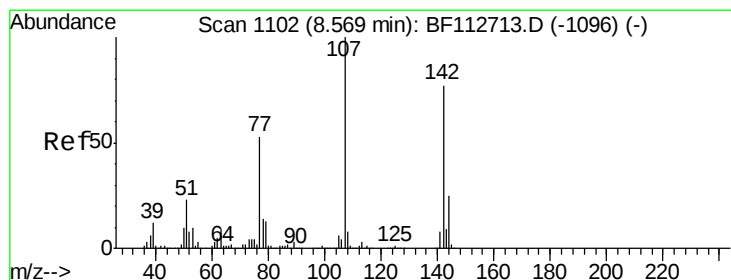
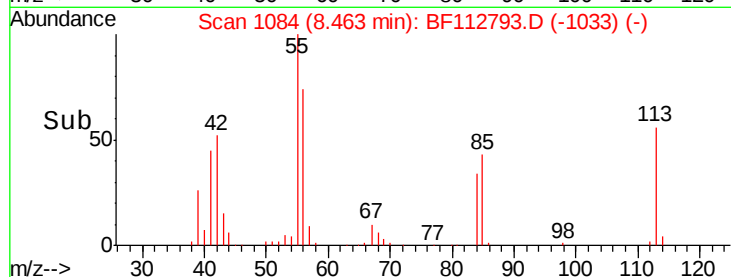
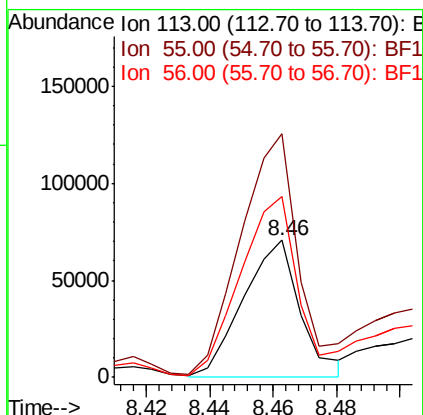
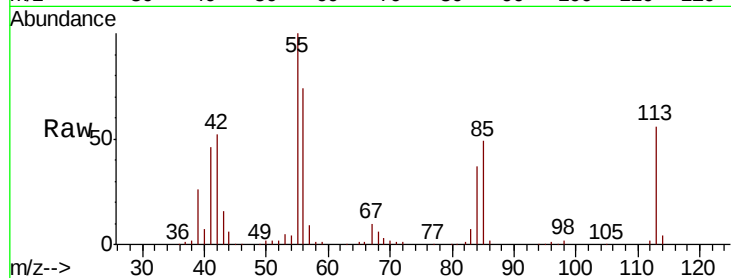




#35
 Caprolactam
 Concen: 22.425 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

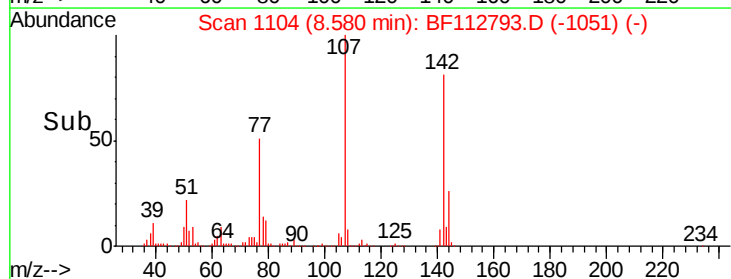
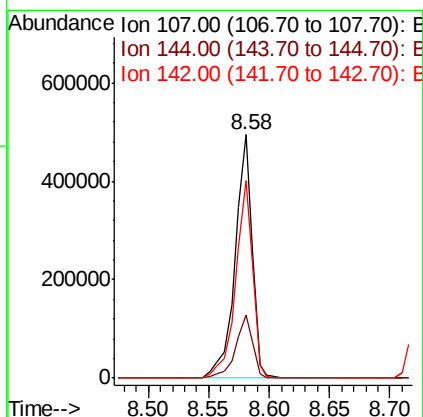
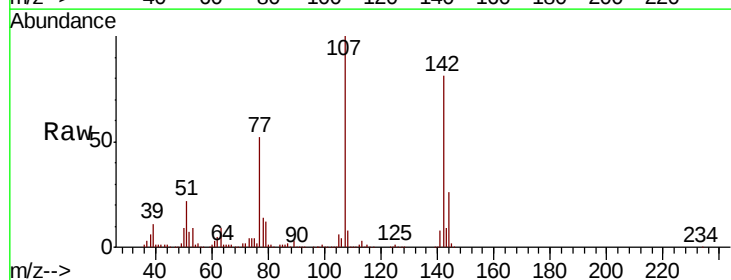
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

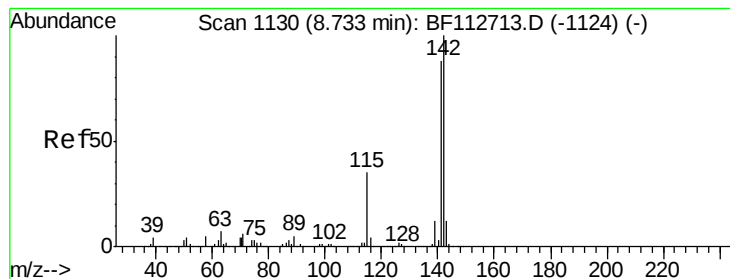
Tgt Ion:113 Resp: 88727
 Ion Ratio Lower Upper
 113 100
 55 177.4 163.5 203.5
 56 131.3 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.407 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:107 Resp: 489915
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 81.1 61.9 92.9





#37

2-Methylnaphthalene

Concen: 41.336 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

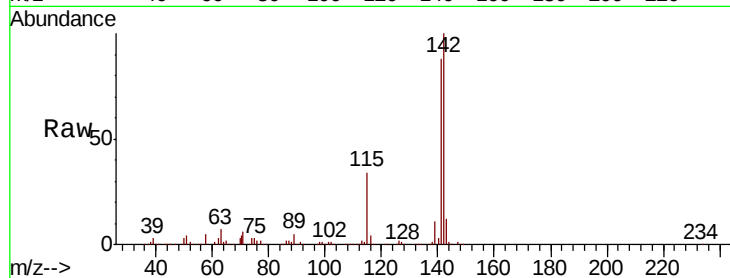
Tgt Ion:142 Resp: 1065782

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

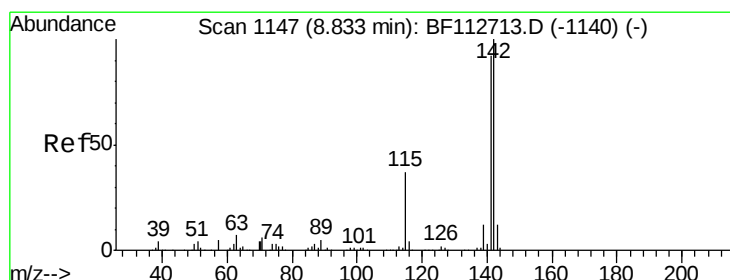
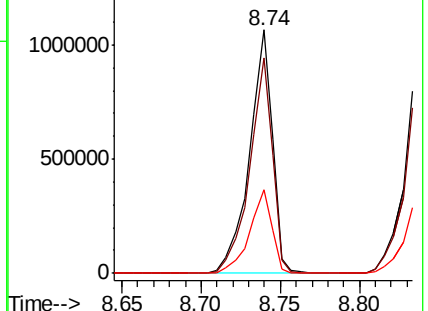
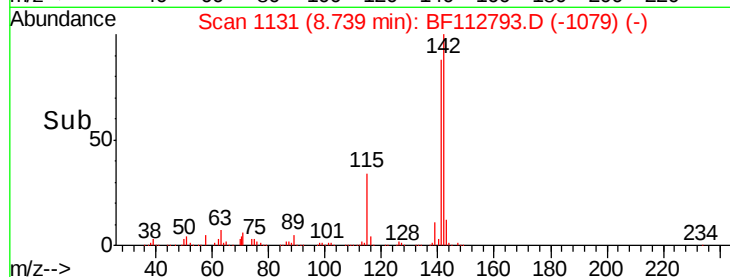
115 34.3 27.8 41.6



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: 40.082 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

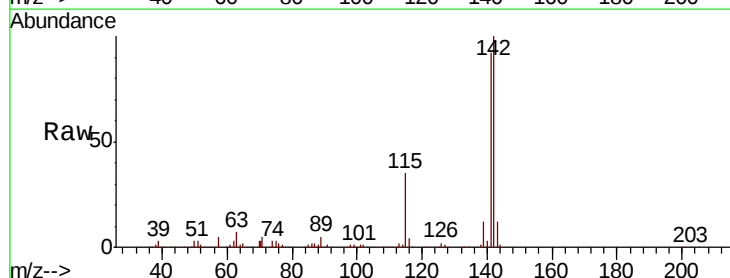
Tgt Ion:142 Resp: 1001087

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

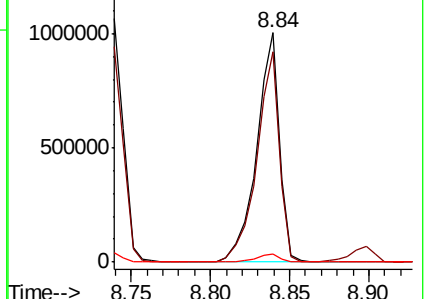
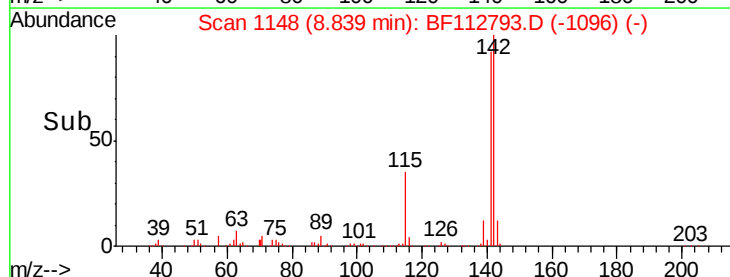
116 3.5 3.1 4.7

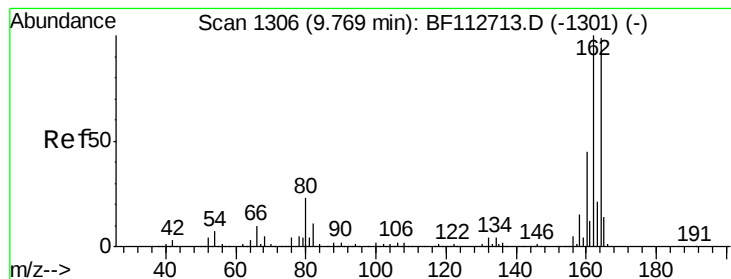


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

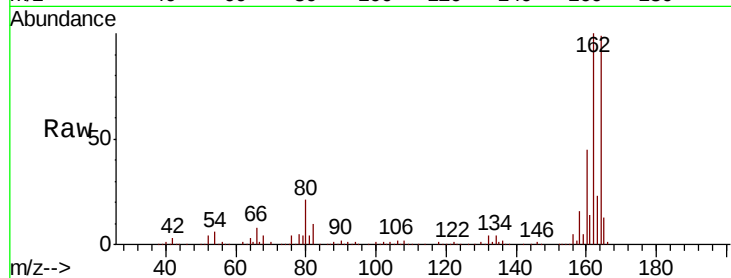
Tgt Ion:164 Resp: 383018

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.9 36.0 54.0

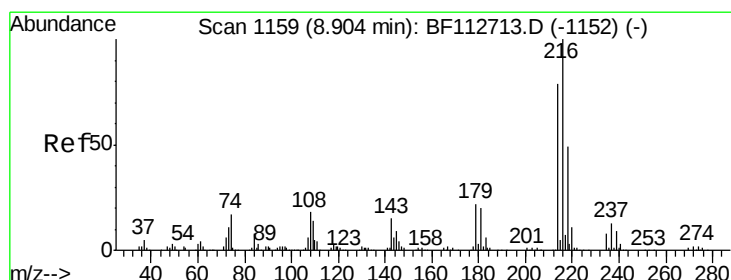
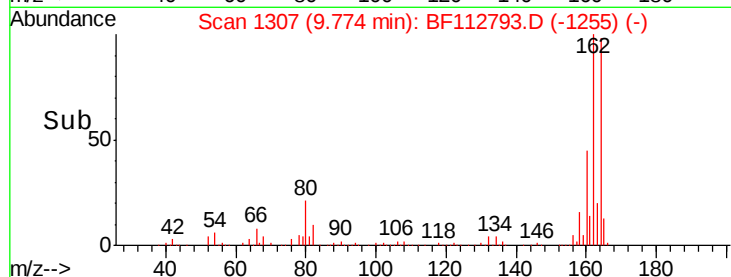
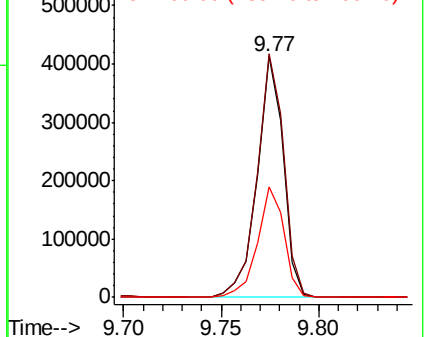


Abundance

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: 39.940 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Tgt Ion:216 Resp: 446102

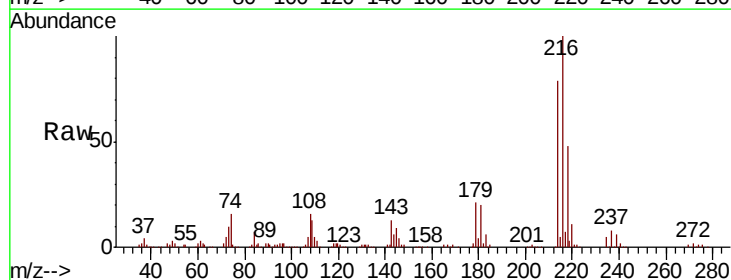
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 20.9 17.5 26.3

108 21.0 16.7 25.1



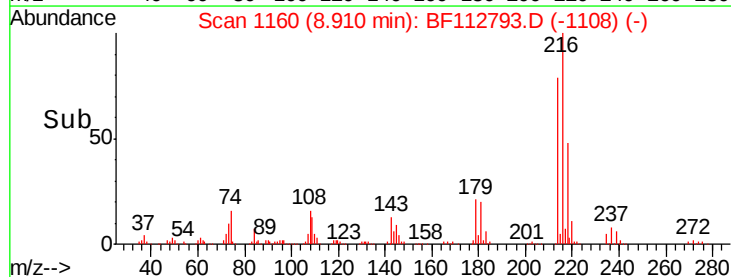
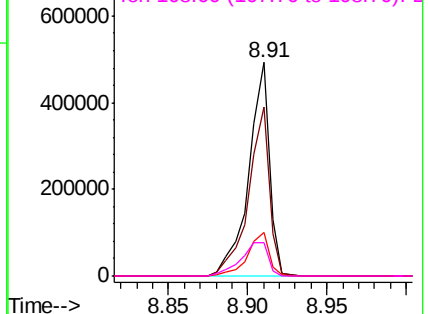
Abundance

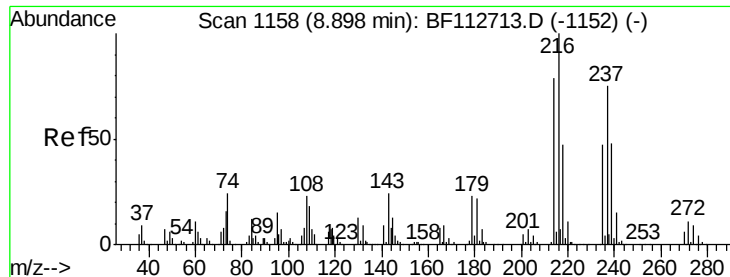
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.768 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

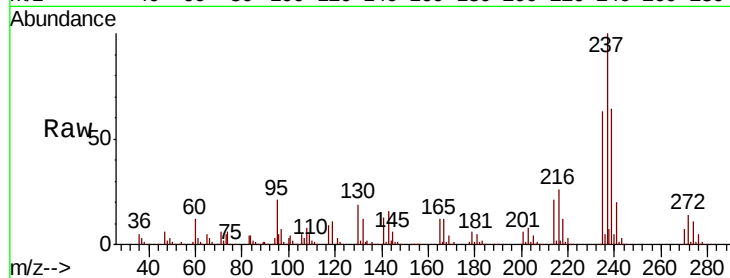
Tgt Ion:237 Resp: 573511

Ion Ratio Lower Upper

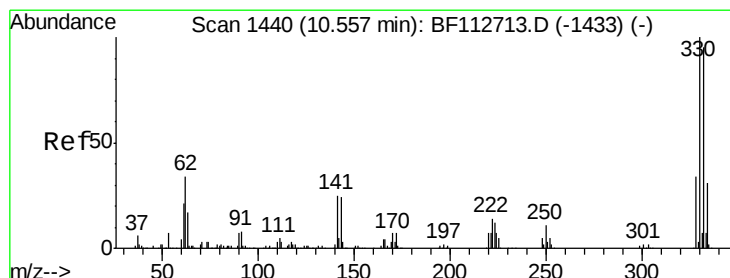
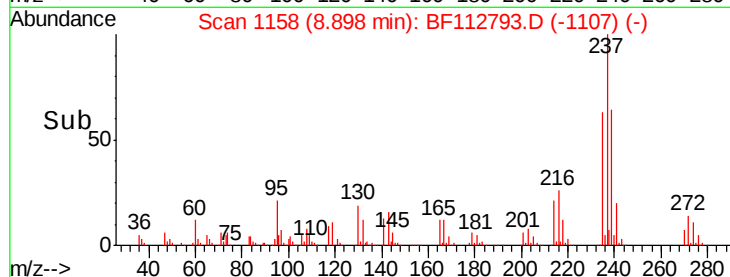
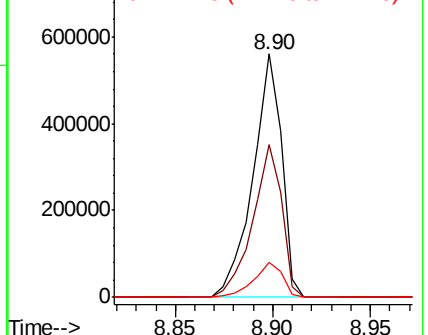
237 100

235 62.7 42.2 82.2

272 14.3 0.0 34.0



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: 144.378 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

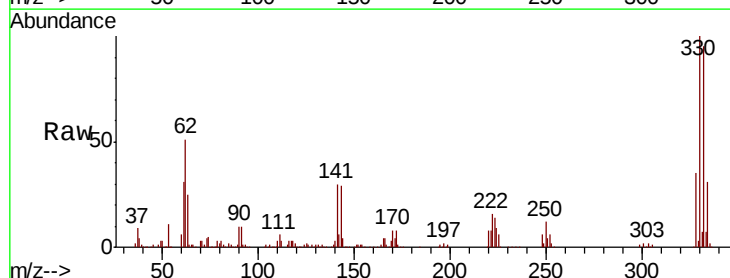
Tgt Ion:330 Resp: 587072

Ion Ratio Lower Upper

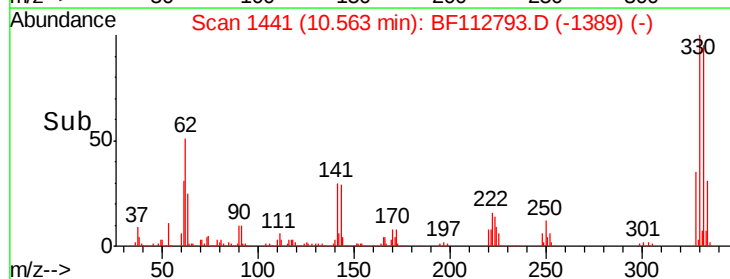
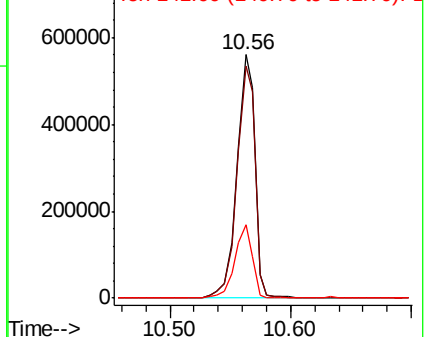
330 100

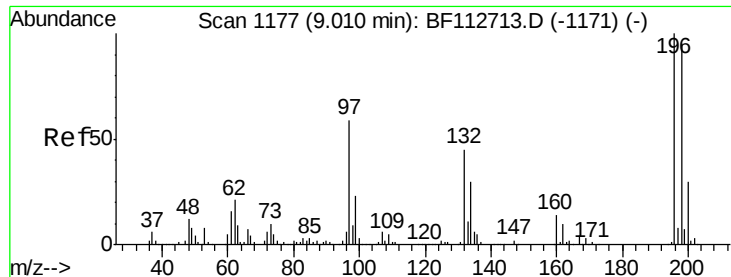
332 96.9 76.2 114.4

141 29.6 27.0 40.6



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

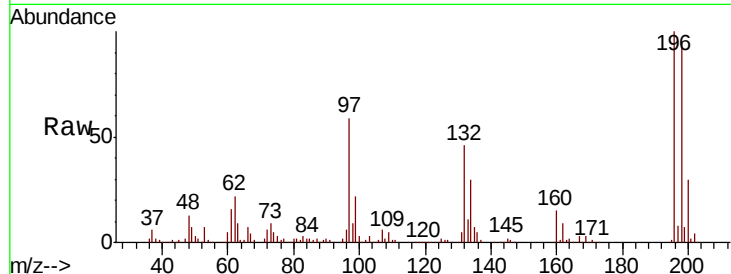




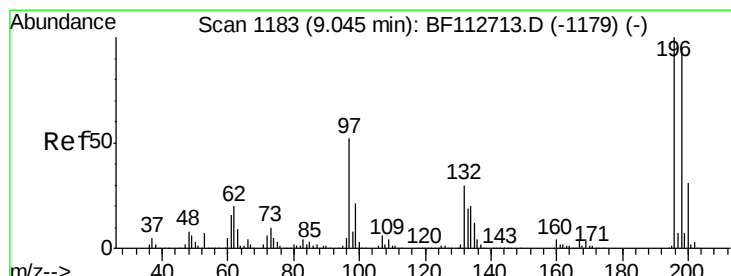
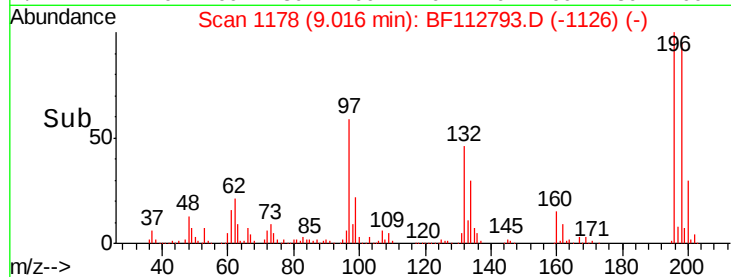
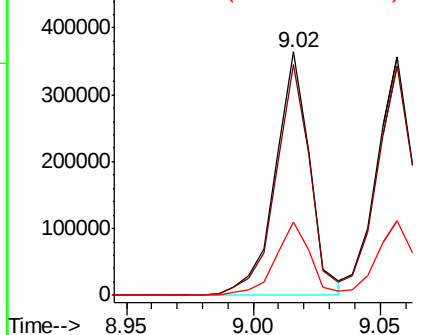
#43
 2,4,6-Trichlorophenol
 Concen: 44.586 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Instrument :
 BNA_F
 ClientSampleID :
 PB117470BS

Tgt Ion:196 Resp: 342732
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.8
 200 30.1 24.3 36.5



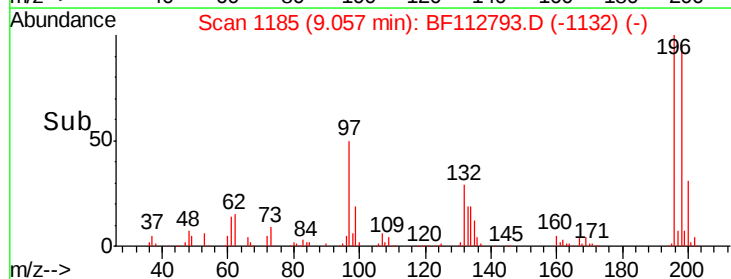
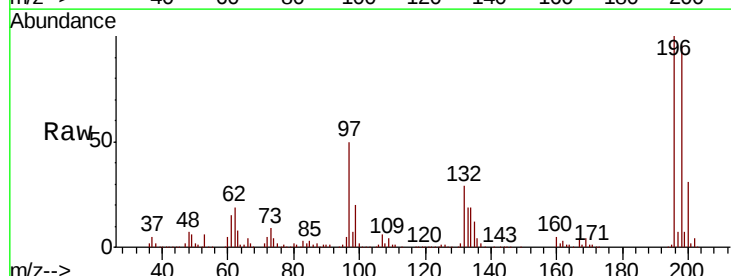
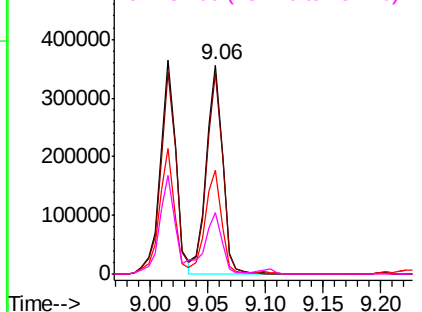
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

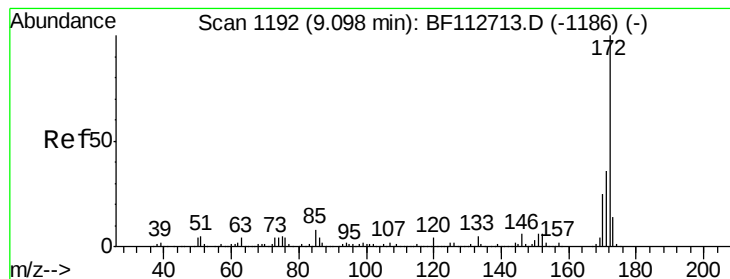


#44
 2,4,5-Trichlorophenol
 Concen: 42.331 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:196 Resp: 351717
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.2
 97 49.8 41.5 62.3
 132 29.3 23.9 35.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 82.399 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

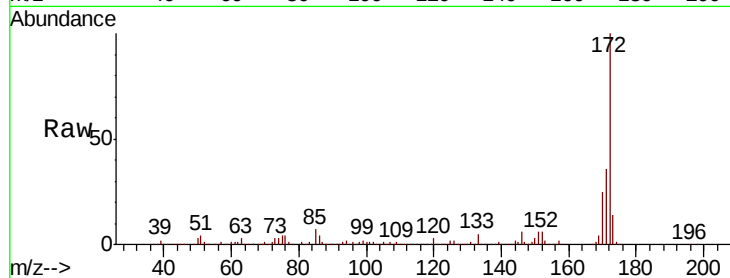
Tgt Ion:172 Resp: 1920348

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

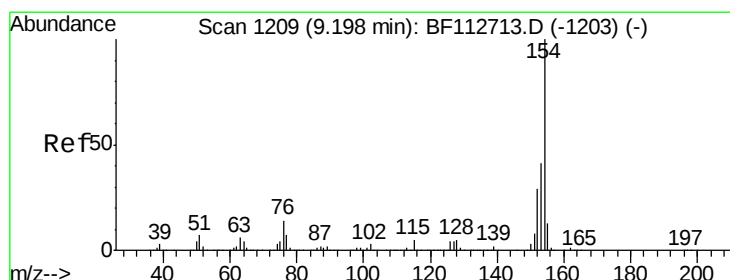
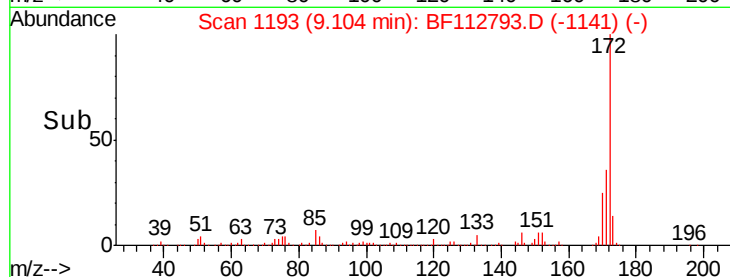
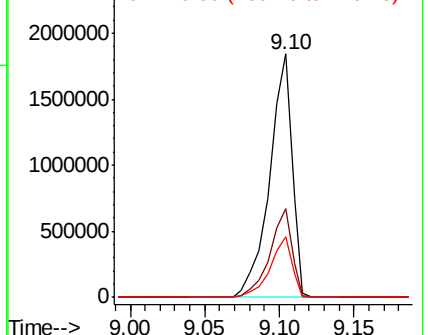
170 24.6 20.0 30.0



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: 39.865 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

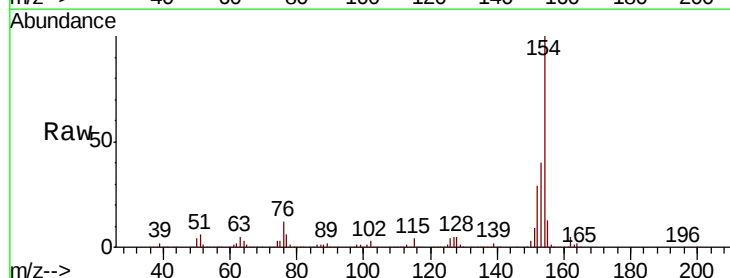
Tgt Ion:154 Resp: 1245420

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

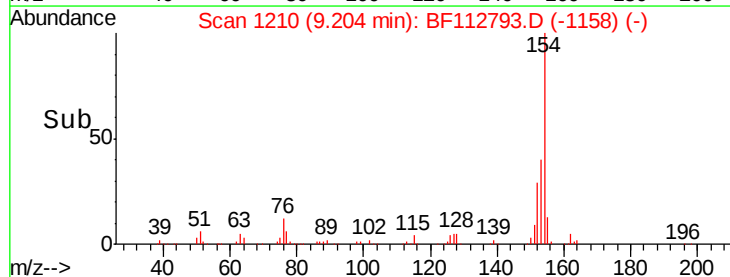
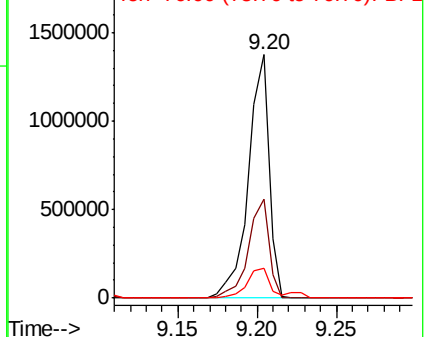
76 12.0 0.0 33.8

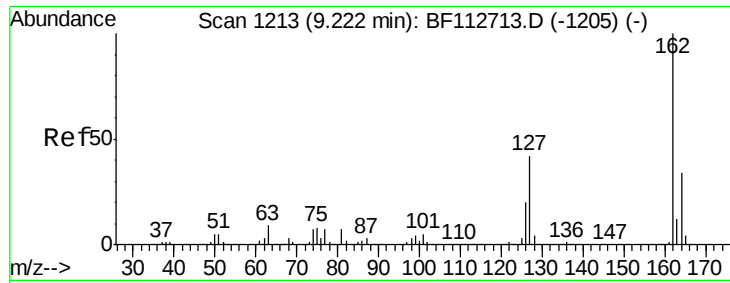


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

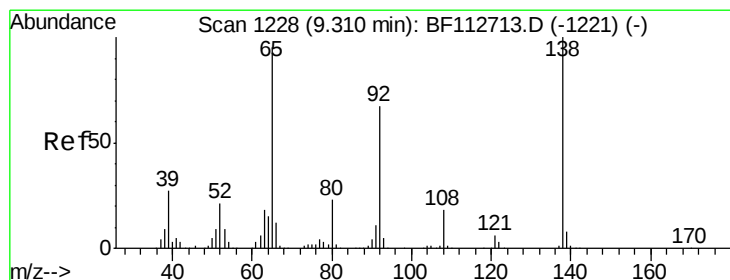
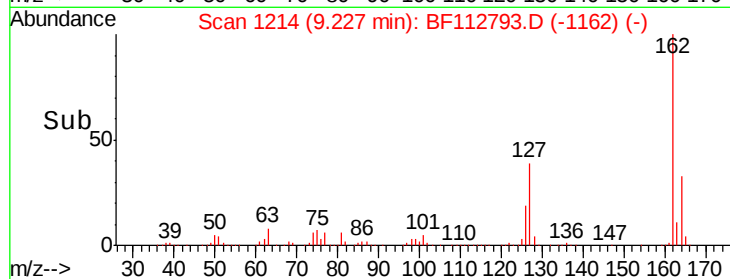
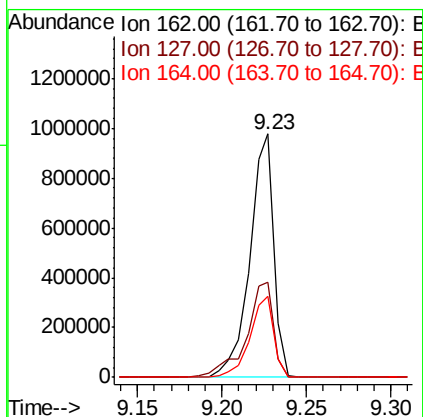
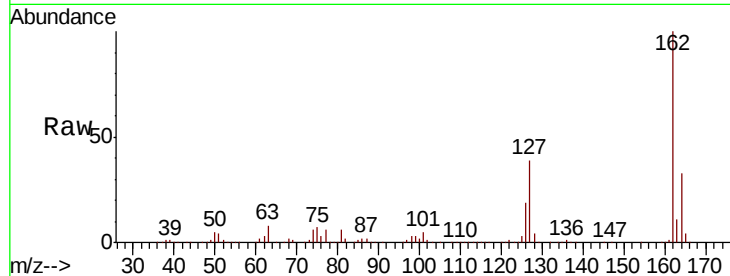




#47
 2-Chloronaphthalene
 Concen: 39.770 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

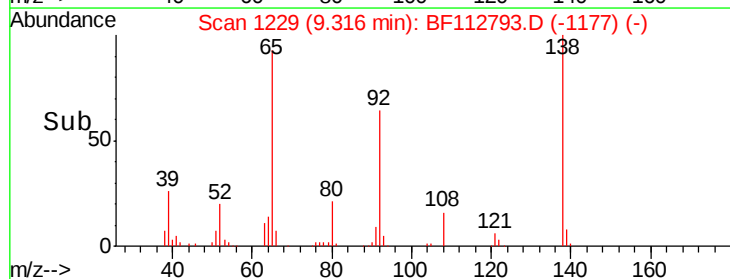
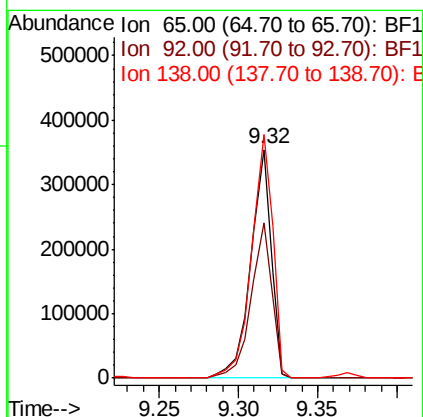
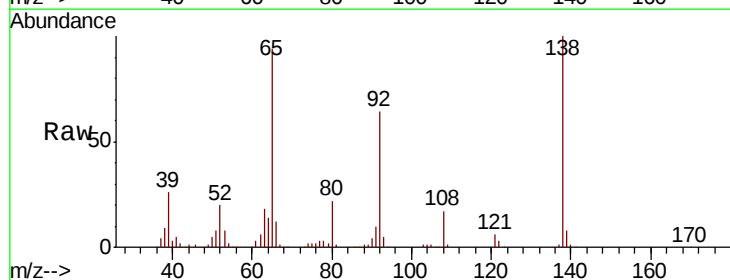
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

Tgt Ion: 162 Resp: 970160
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.4 50.2
 164 33.2 26.9 40.3



#48
 2-Nitroaniline
 Concen: 43.024 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion: 65 Resp: 319014
 Ion Ratio Lower Upper
 65 100
 92 67.9 56.4 84.6
 138 106.7 84.6 126.8





#49

Acenaphthylene

Concen: 37.844 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

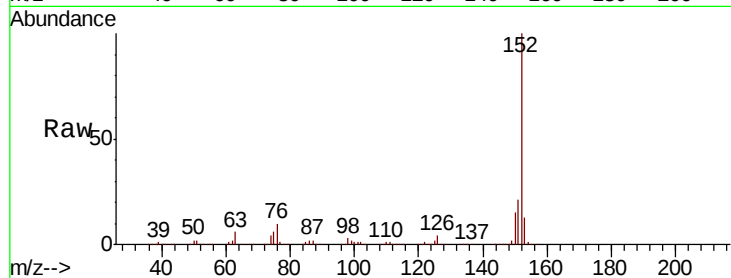
Tgt Ion:152 Resp: 1567227

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

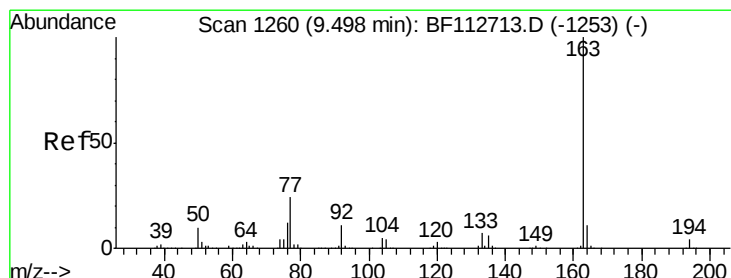
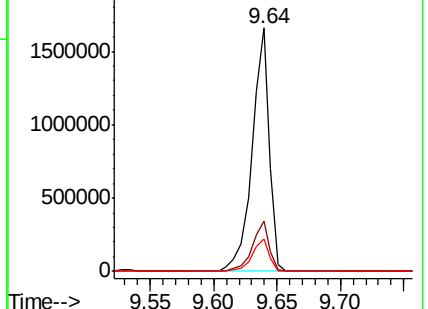
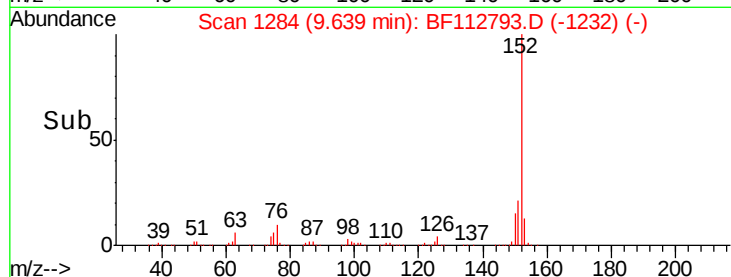
153 13.5 11.0 16.6



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: 39.486 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

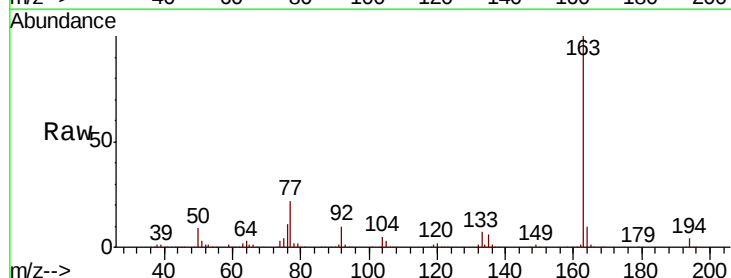
Tgt Ion:163 Resp: 1115167

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

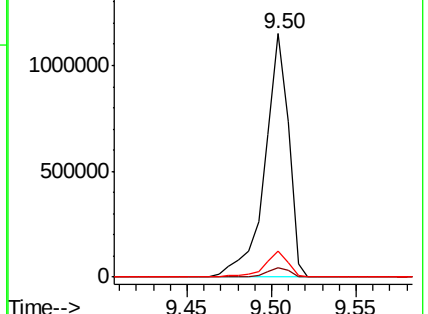
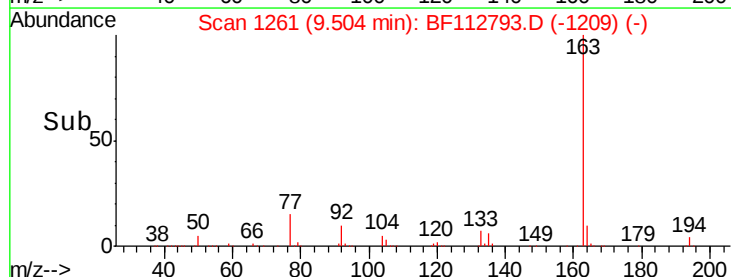
164 10.5 8.4 12.6

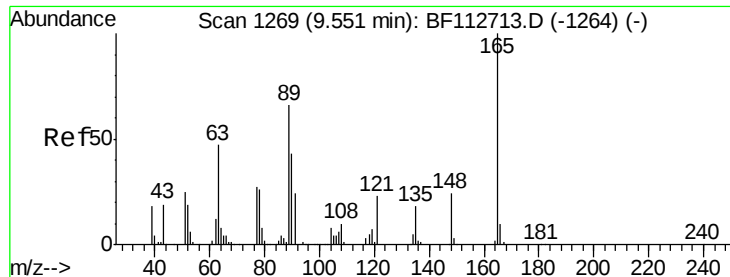


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.666 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

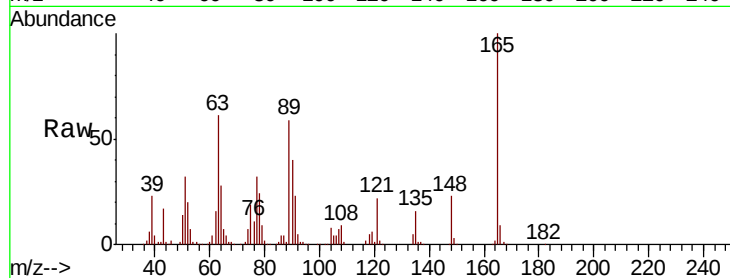
Tgt Ion:165 Resp: 256802

Ion Ratio Lower Upper

165 100

63 61.2 54.1 81.1

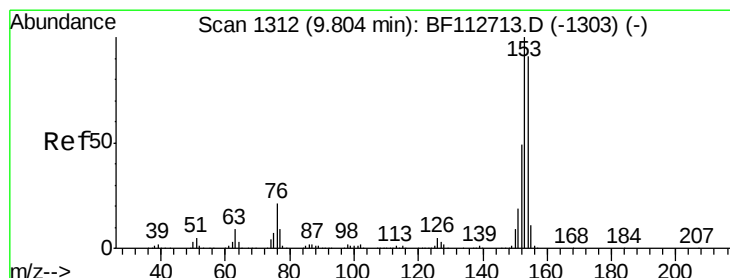
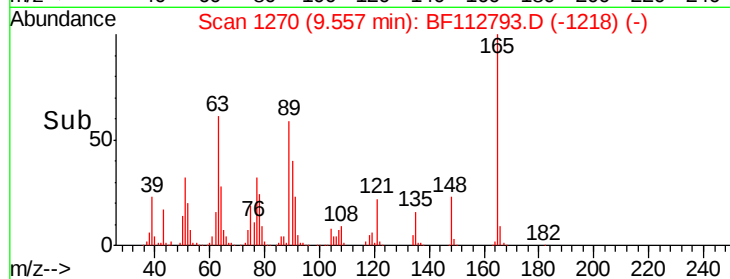
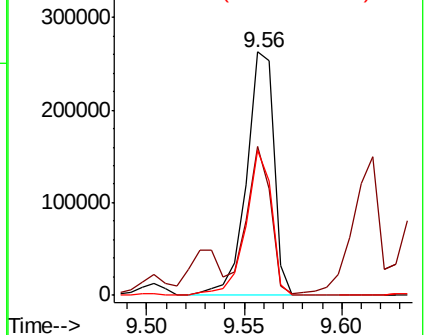
89 59.5 52.8 79.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.197 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

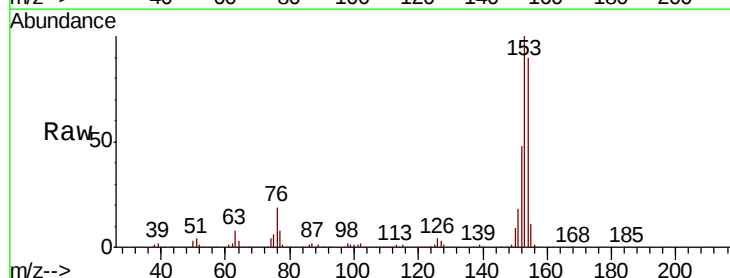
Tgt Ion:154 Resp: 949278

Ion Ratio Lower Upper

154 100

153 111.5 87.8 131.8

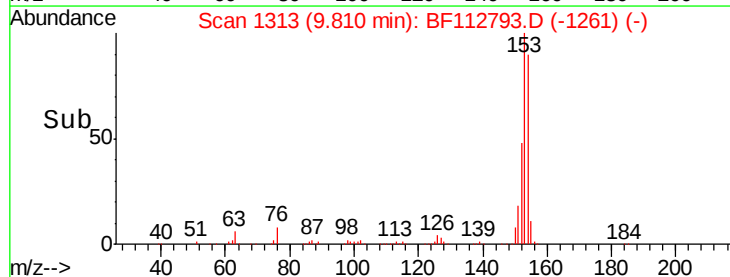
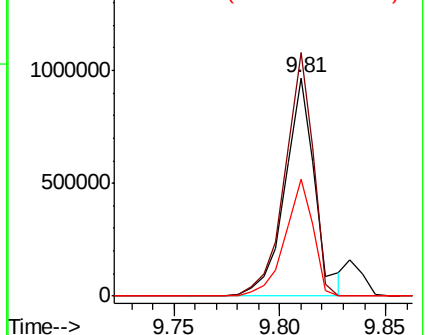
152 53.5 43.0 64.6

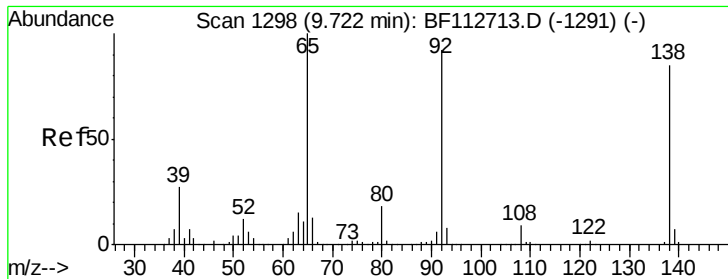


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

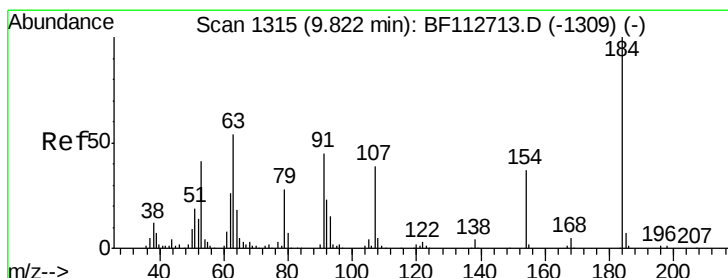
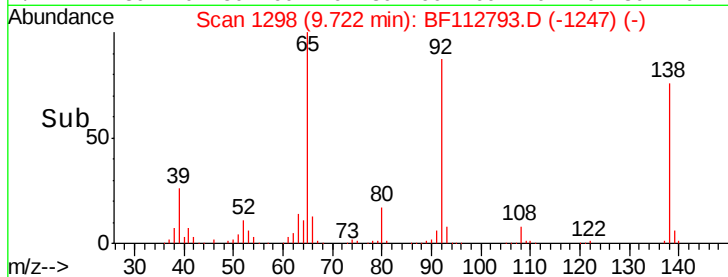
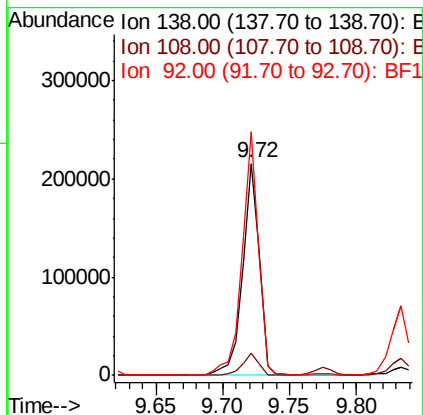
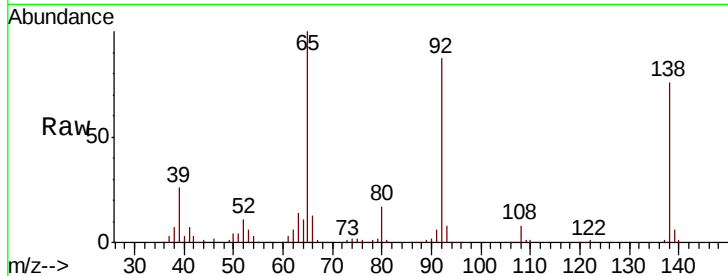




#53
 3-Nitroaniline
 Concen: 26.100 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

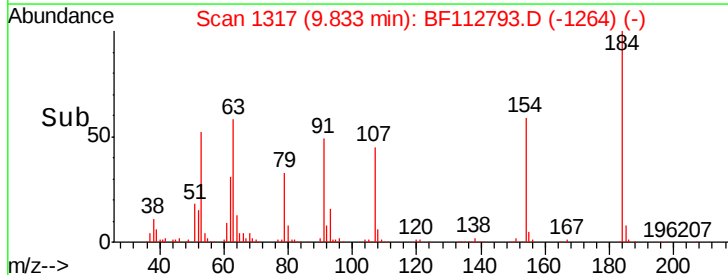
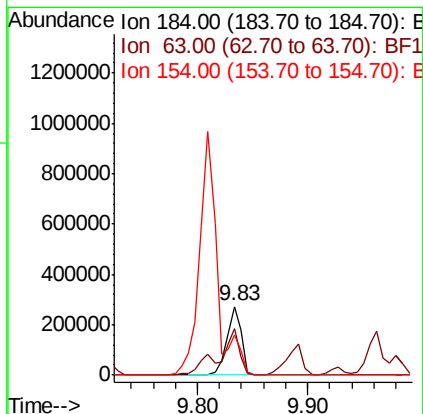
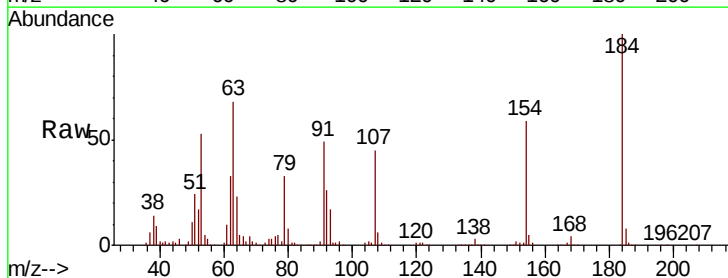
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

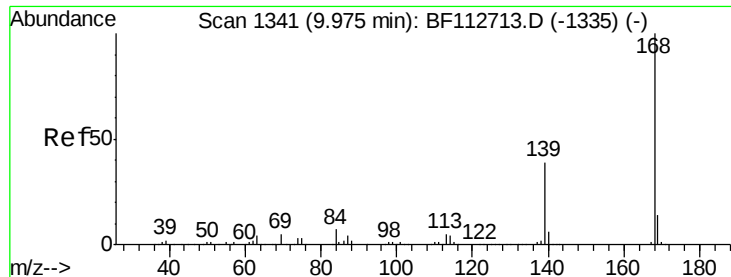
Tgt Ion:138 Resp: 187034
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.6 13.0
 92 114.9 86.6 129.8



#54
 2,4-Dinitrophenol
 Concen: 103.375 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:184 Resp: 253616
 Ion Ratio Lower Upper
 184 100
 63 68.4 45.3 67.9#
 154 59.2 46.0 69.0

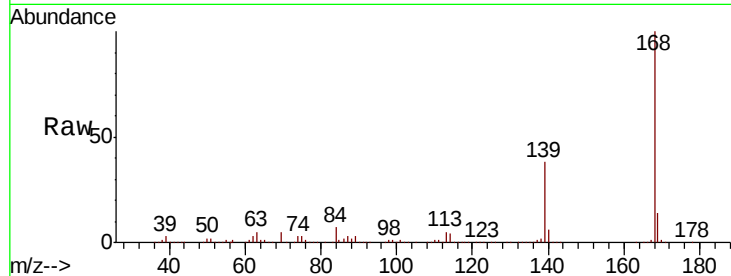




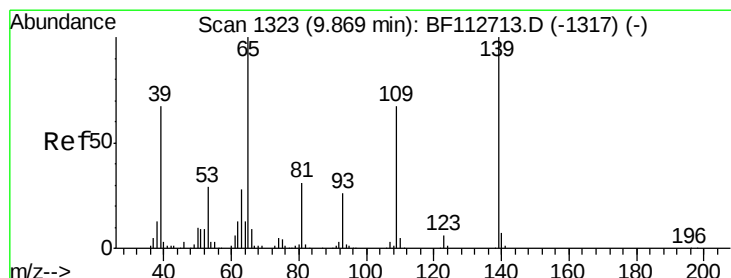
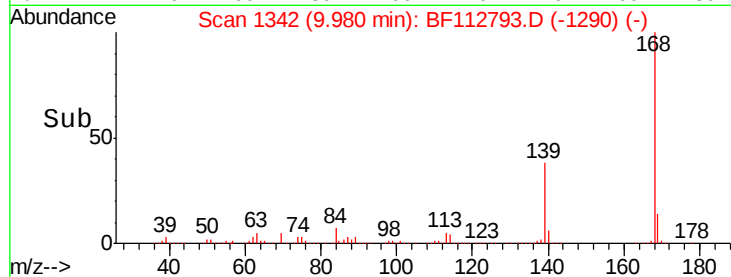
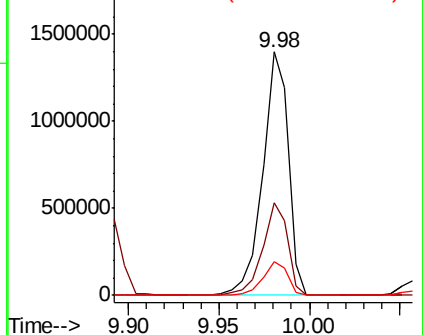
#55
Dibenzofuran
Concen: 38.993 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:168 Resp: 1372471
Ion Ratio Lower Upper
168 100
139 38.0 31.3 46.9
169 14.0 11.3 16.9

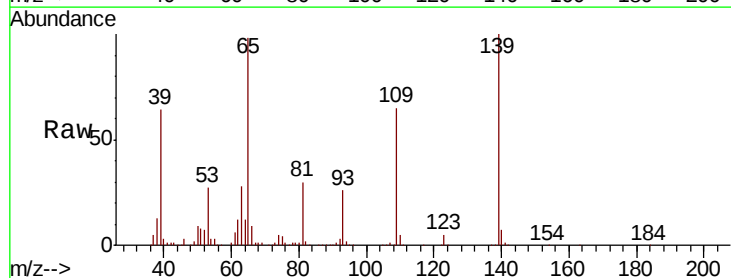


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

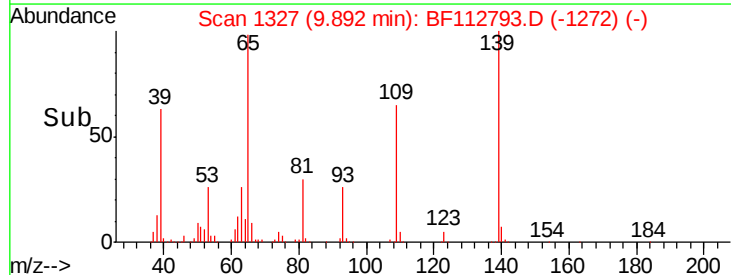
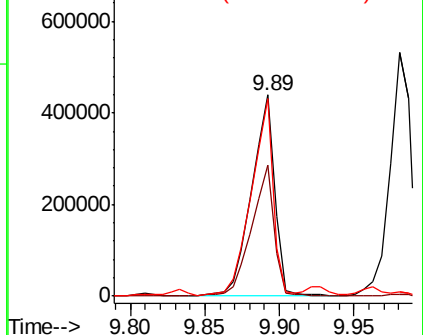


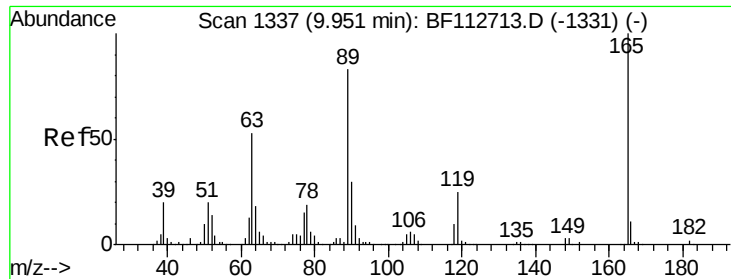
#56
4-Nitrophenol
Concen: 80.115 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:139 Resp: 466602
Ion Ratio Lower Upper
139 100
109 65.1 46.8 86.8
65 98.2 80.7 120.7



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

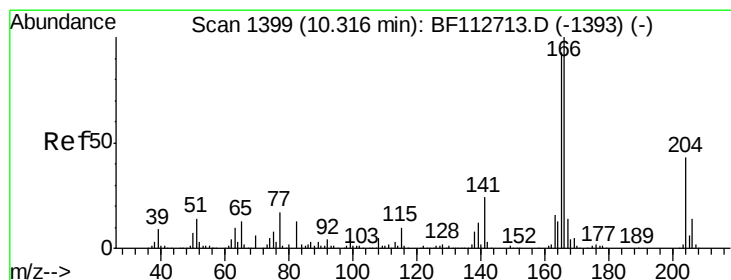
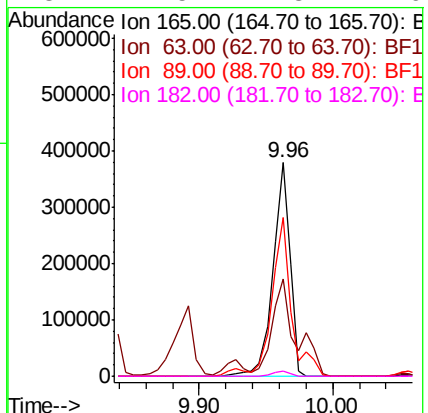
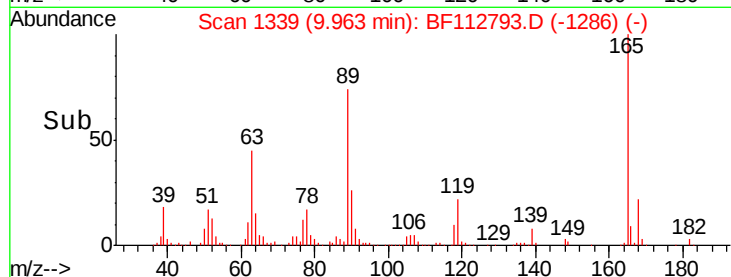
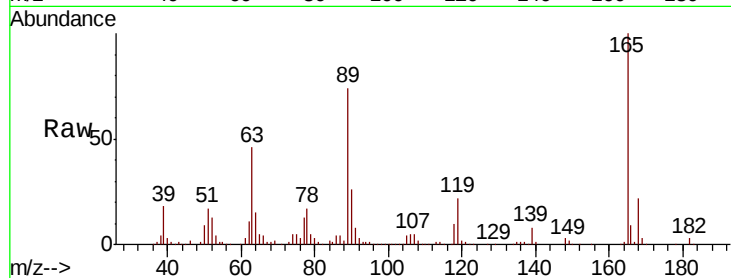




#57
2,4-Dinitrotoluene
Concen: 46.426 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

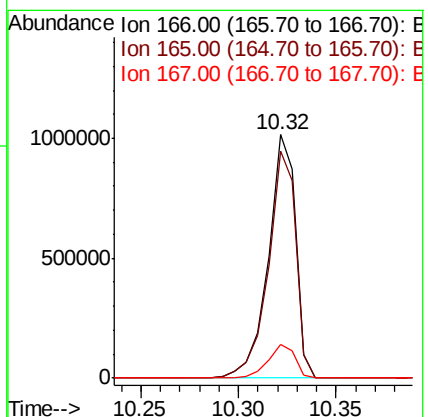
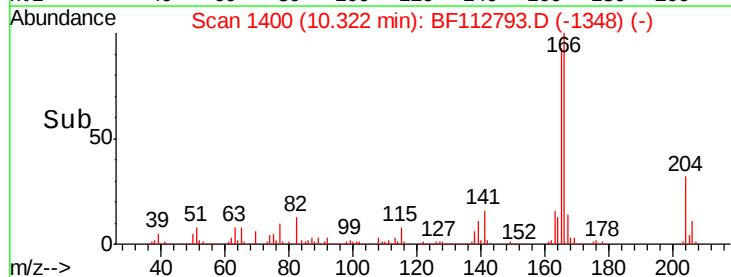
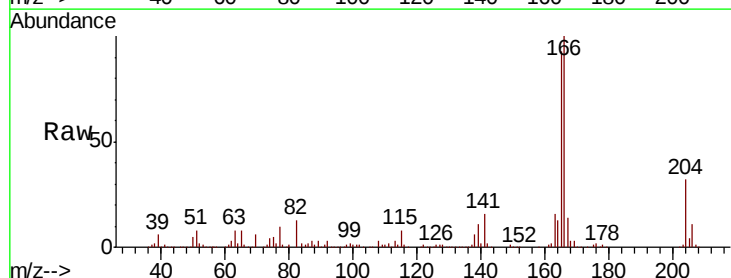
Instrument :
BNA_F
ClientSampleId :
PB117470BS

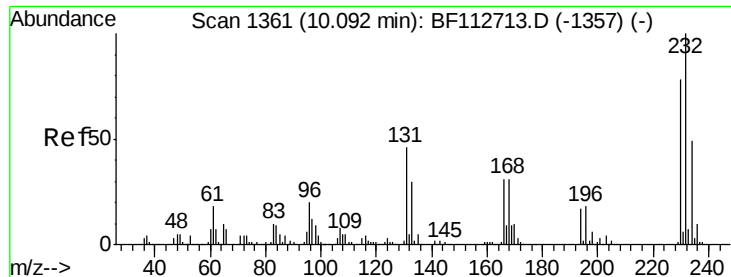
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	42.2	63.2
89	74.3	66.2	99.4
182	2.5	1.8	2.6



#58
Fluorene
Concen: 39.509 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.7	112.1
167	13.8	11.0	16.6

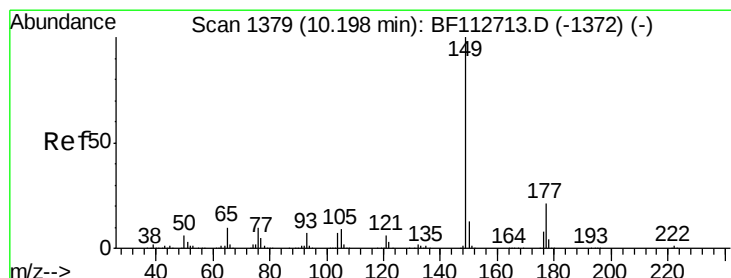
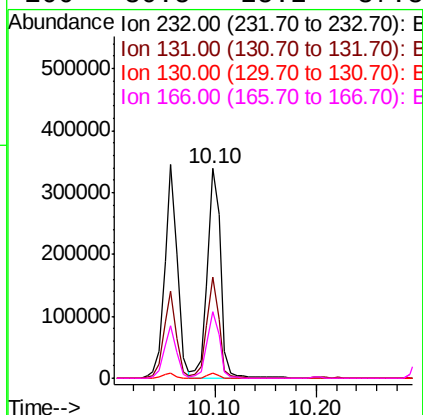
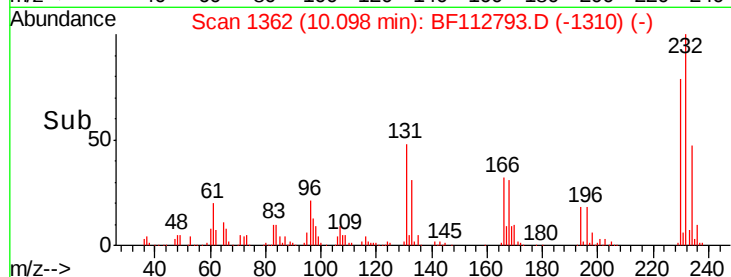
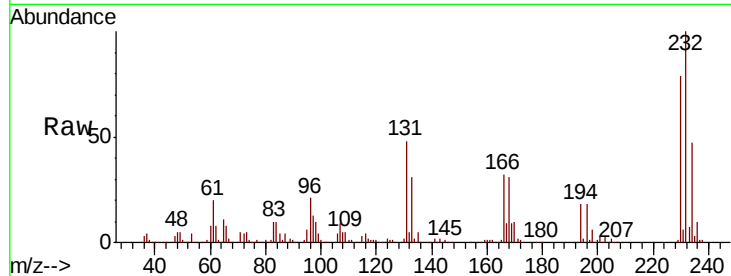




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.250 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

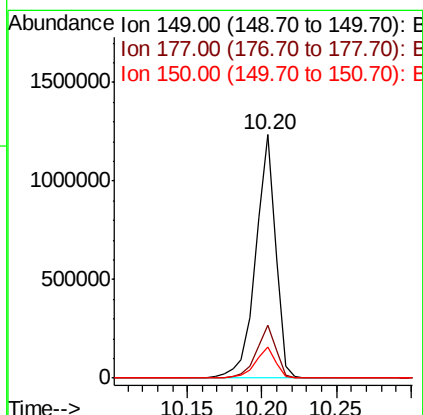
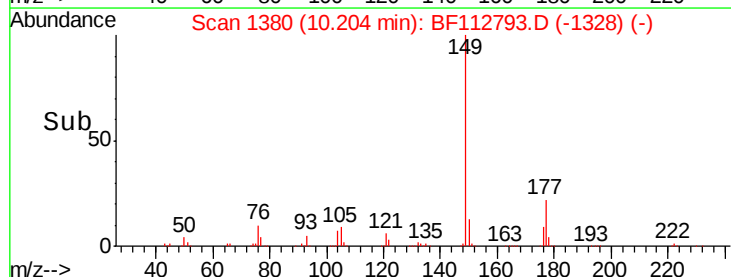
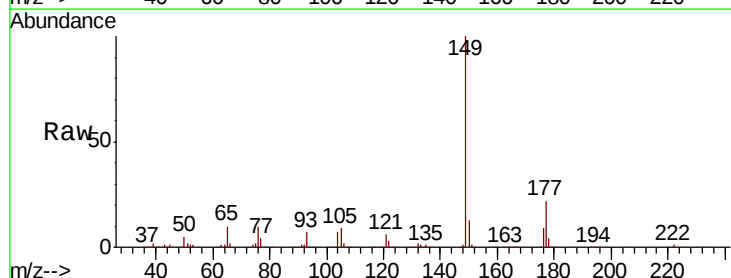
Instrument :
BNA_F
ClientSampleId :
PB117470BS

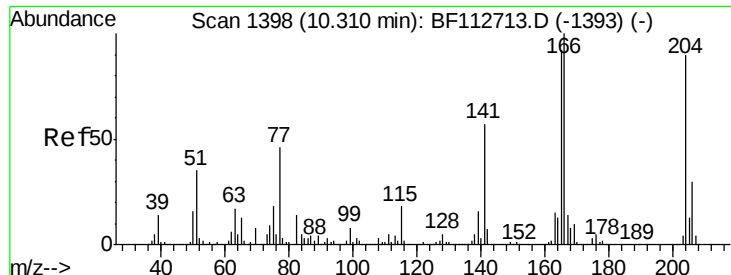
Tgt Ion:232 Resp: 306313
Ion Ratio Lower Upper
232 100
131 44.9 38.7 58.1
130 2.1 1.9 2.9
166 30.5 25.2 37.8



#60
Diethylphthalate
Concen: 37.861 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:149 Resp: 1129314
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.7 10.0 15.0

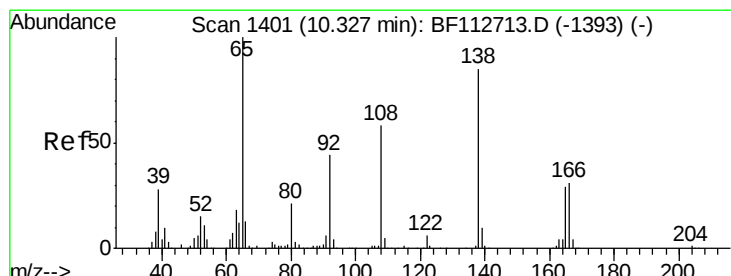
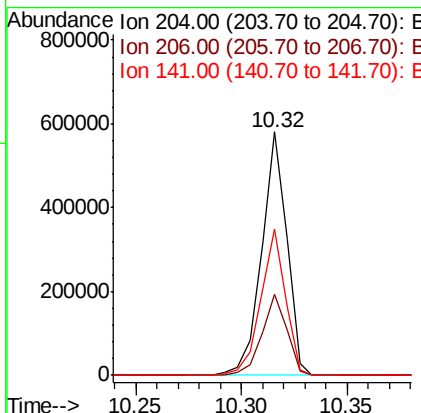
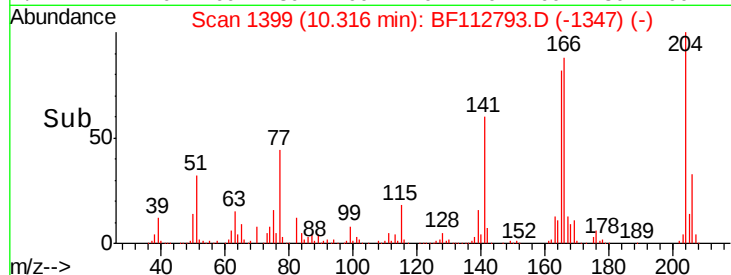
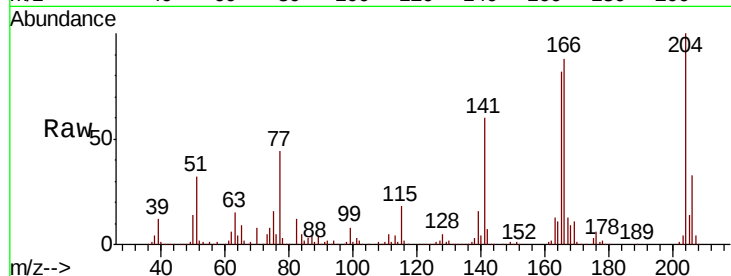




#61
 4-Chlorophenyl-phenylether
 Concen: 41.528 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

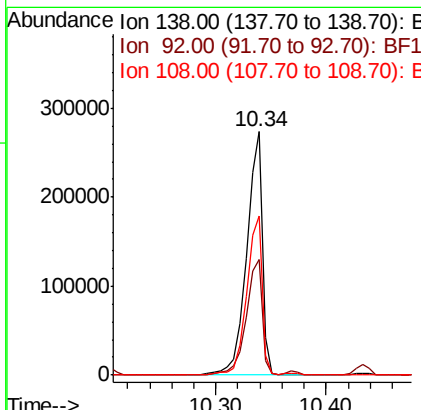
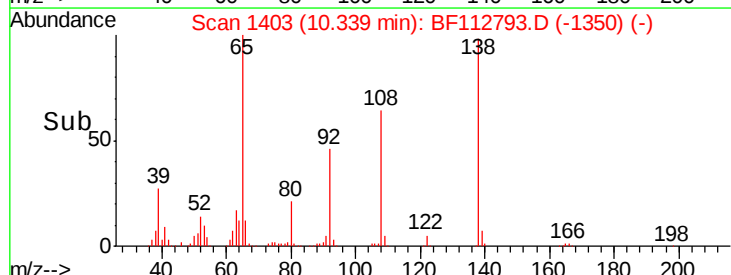
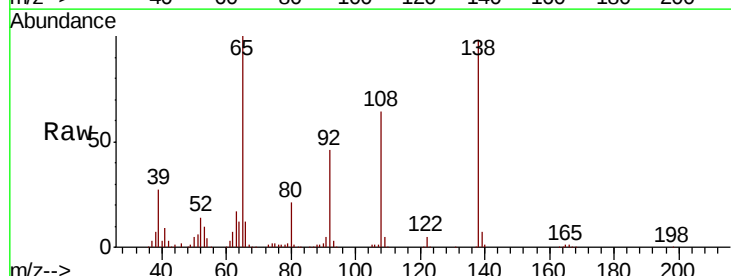
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

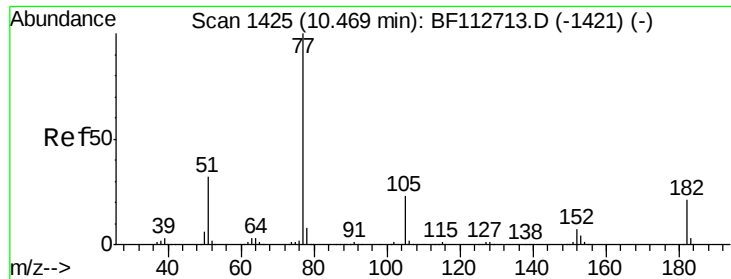
Tgt Ion:	204	Resp:	482694
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	59.9	50.8	76.2



#62
 4-Nitroaniline
 Concen: 41.433 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:	138	Resp:	274369
Ion	Ratio	Lower	Upper
138	100		
92	47.3	31.3	71.3
108	65.4	48.1	88.1





#63

Azobenzene

Concen: 35.985 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

Tgt Ion: 77 Resp: 1099411

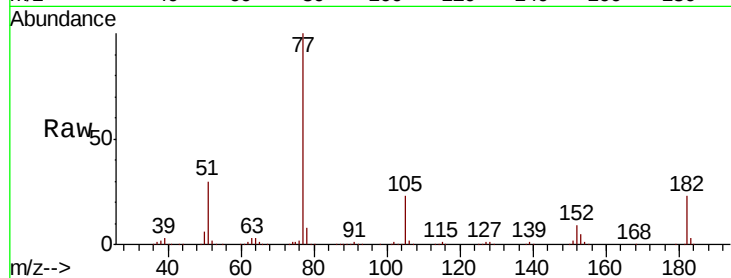
Ion Ratio Lower Upper

77 100

182 23.3 1.4 41.4

105 23.0 2.6 42.6

51 30.3 12.0 52.0

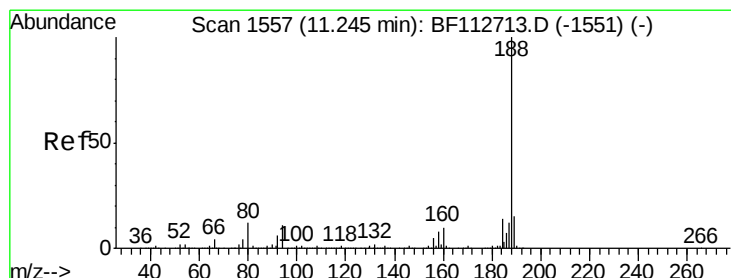
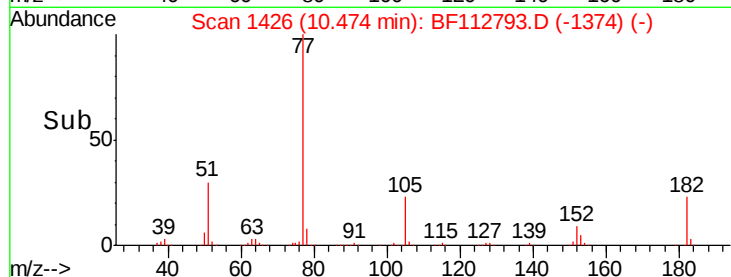
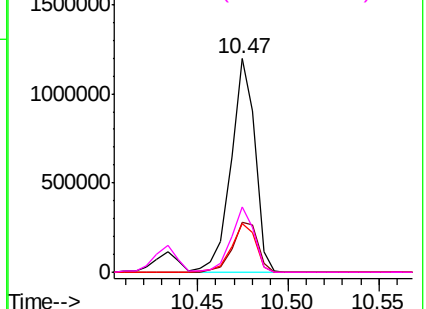


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

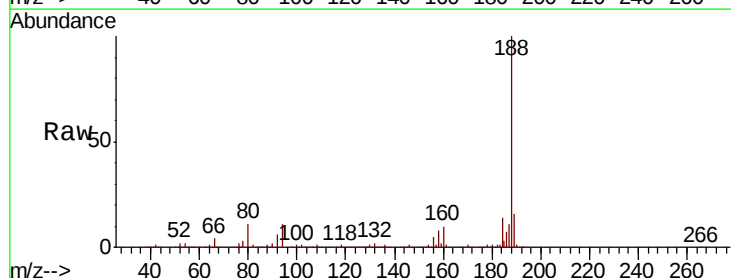
Tgt Ion: 188 Resp: 748280

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

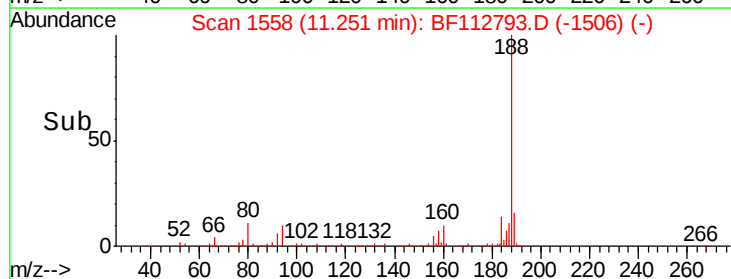
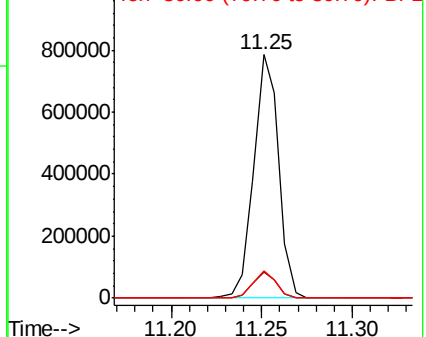
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

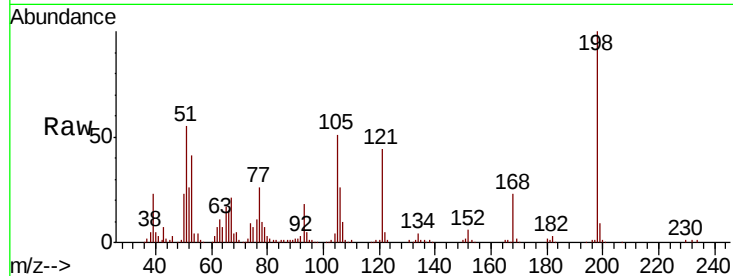




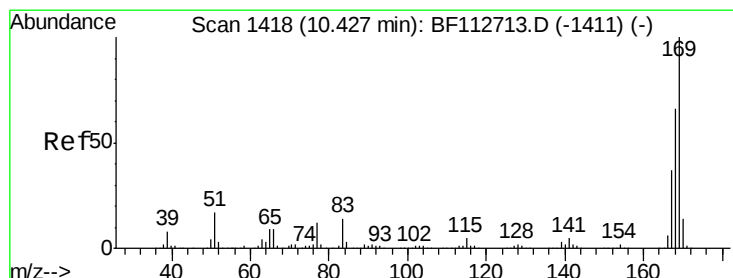
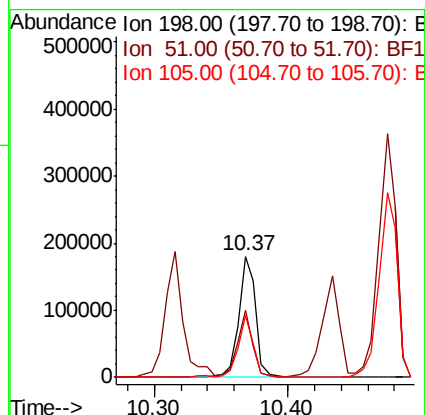
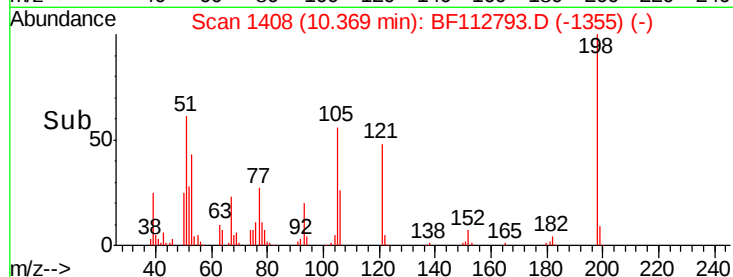
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.436 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Instrument :
 BNA_F
 ClientSampleID :
 PB117470BS

Tgt Ion:198 Resp: 159268
 Ion Ratio Lower Upper
 198 100
 51 55.4 43.8 83.8
 105 50.7 36.5 76.5

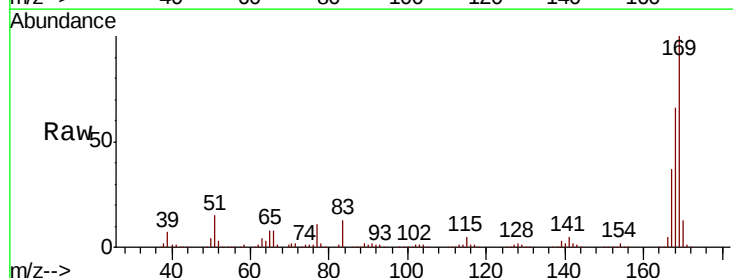


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

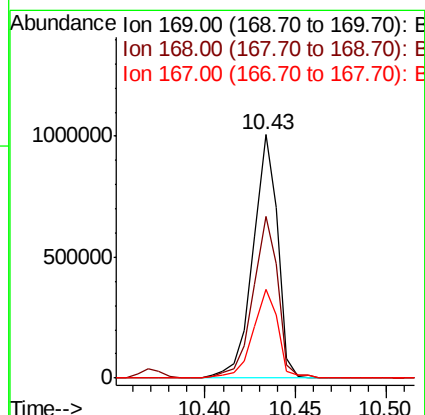
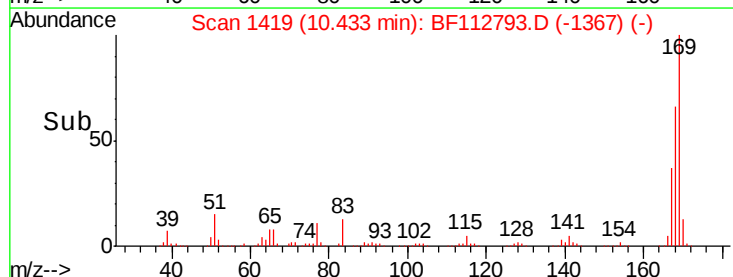


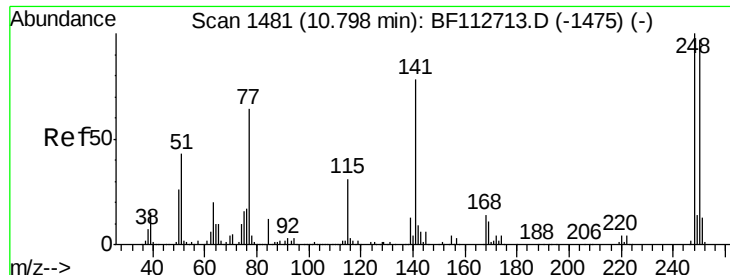
#66
 n-Nitrosodiphenylamine
 Concen: 39.462 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:169 Resp: 947021
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 36.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.601 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

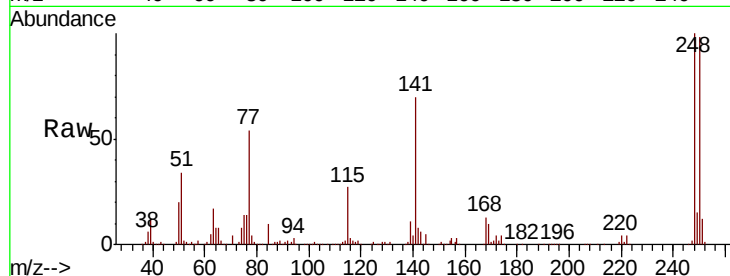
Tgt Ion:248 Resp: 319998

Ion Ratio Lower Upper

248 100

250 98.0 77.5 116.3

141 70.1 62.4 93.6

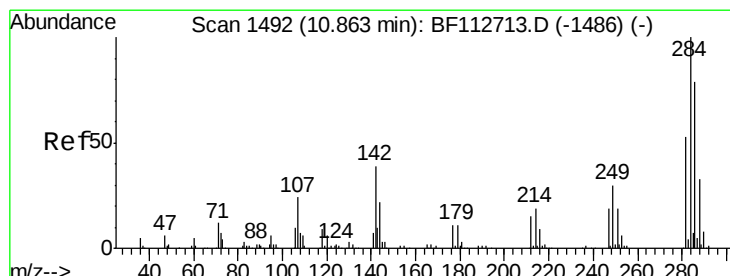
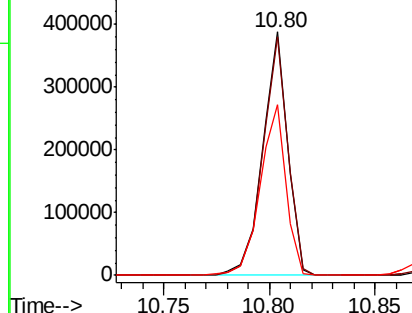
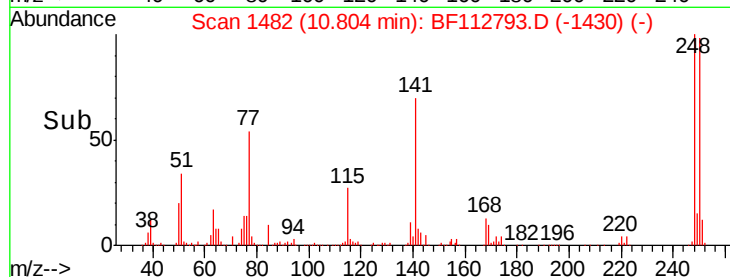


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.594 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

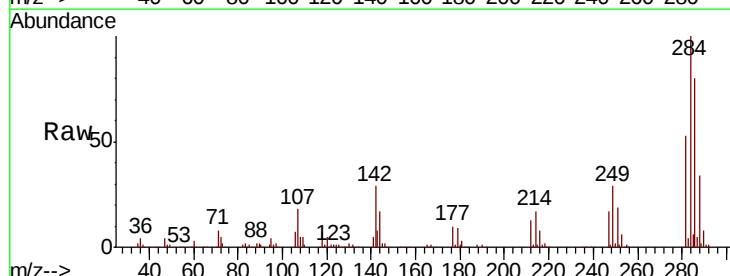
Tgt Ion:284 Resp: 369546

Ion Ratio Lower Upper

284 100

142 29.3 31.0 46.6#

249 28.6 23.6 35.4

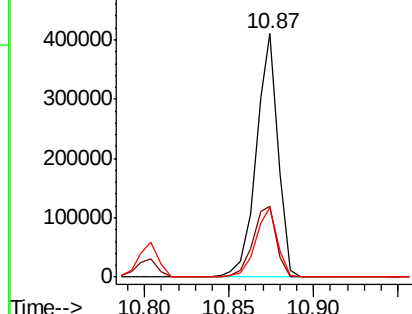
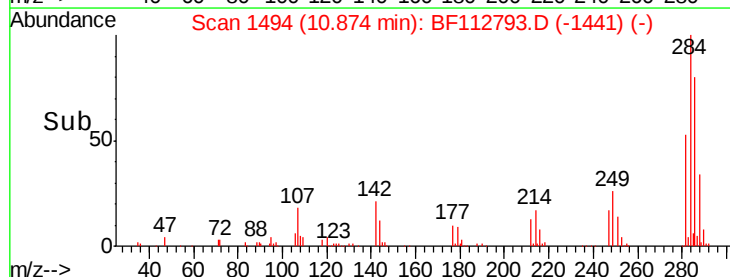


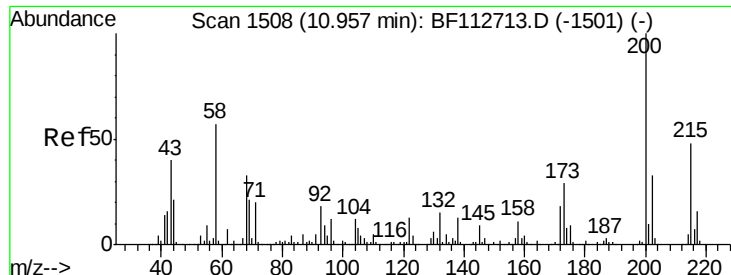
Abundance

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

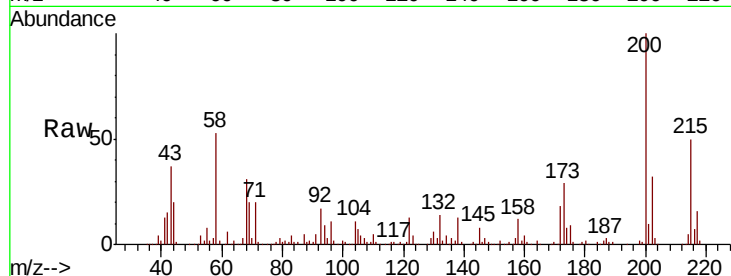




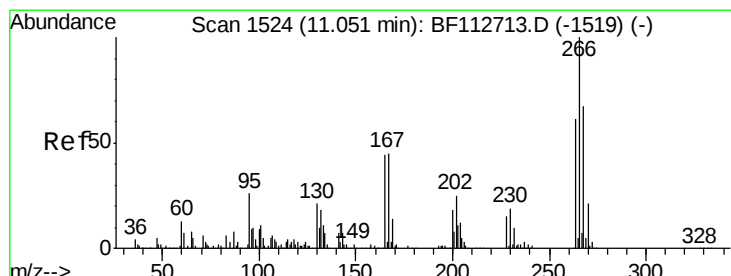
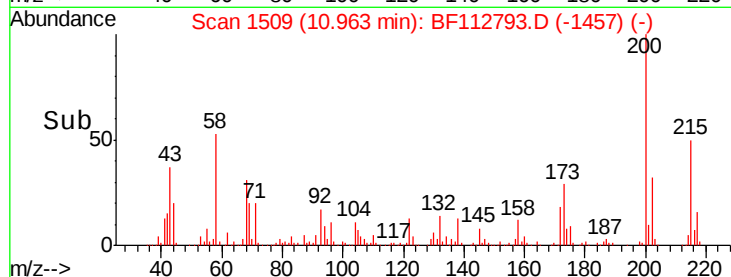
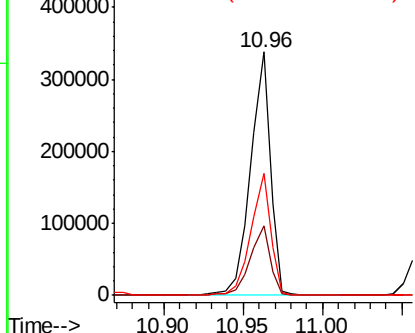
#69
 Atrazine
 Concen: 40.033 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.1	49.1
215	50.2	28.2	68.2

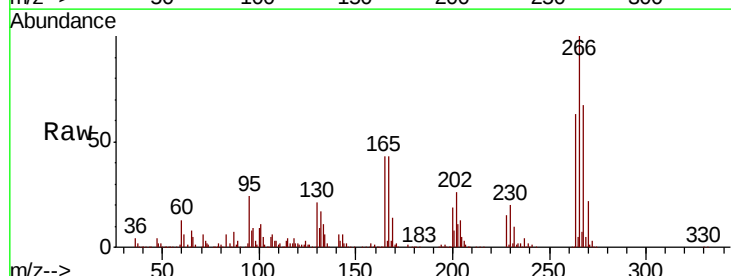


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

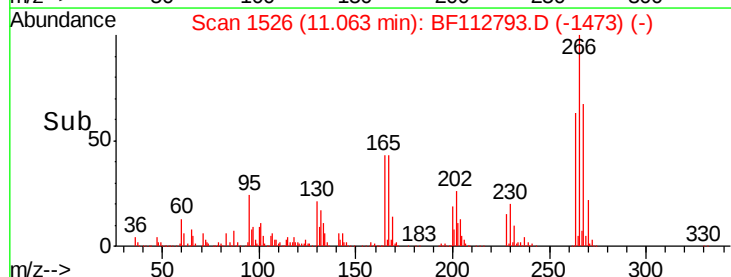
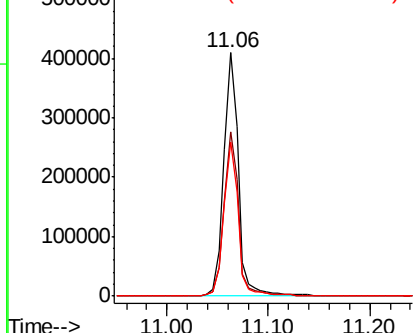


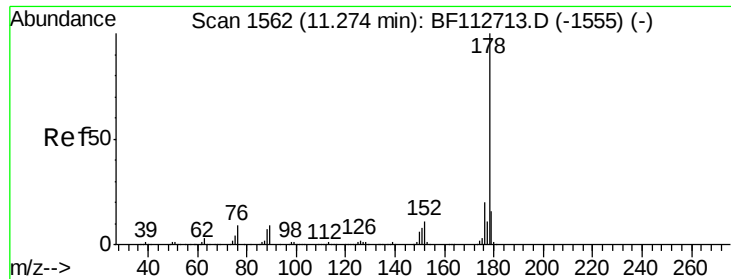
#70
 Pentachlorophenol
 Concen: 78.674 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	53.3	79.9
264	63.4	48.9	73.3



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

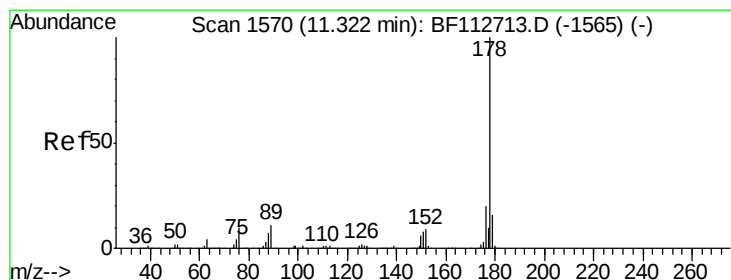
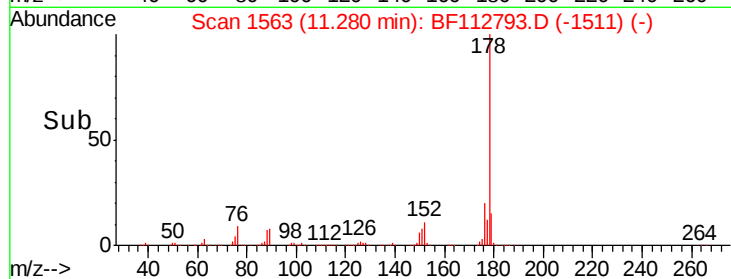
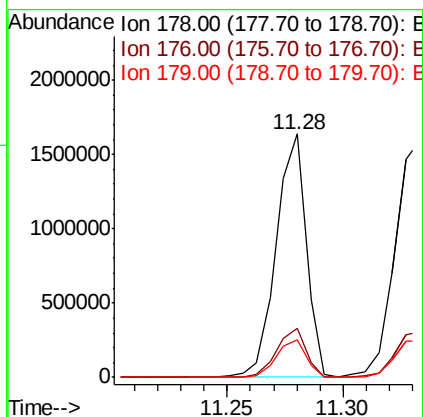
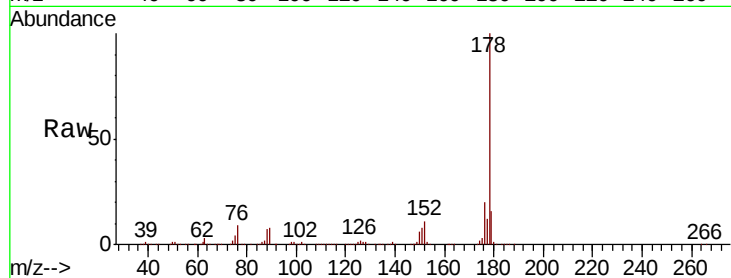




#71
Phenanthrene
Concen: 39.803 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

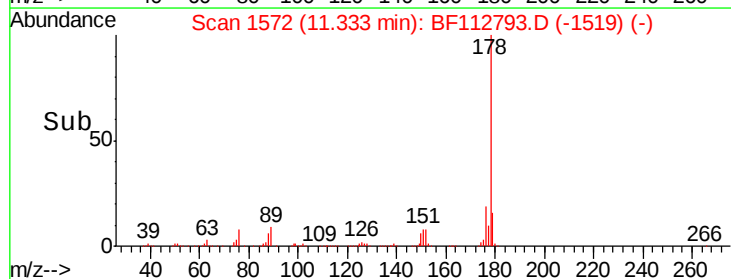
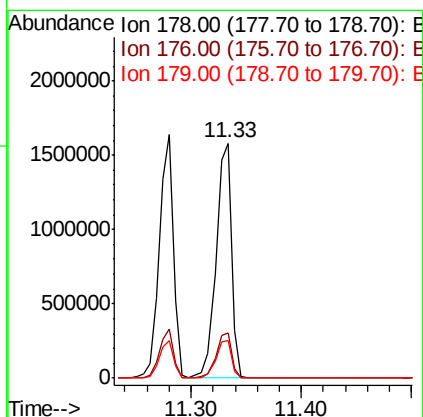
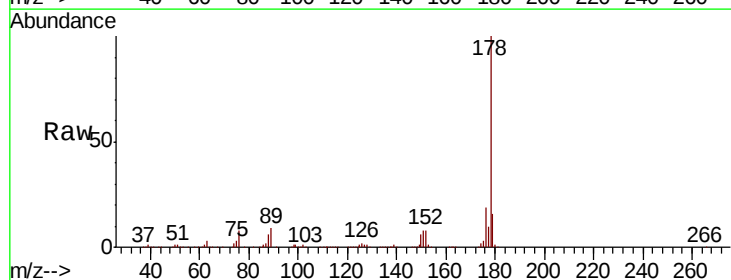
Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion:178 Resp: 1481871
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 15.6 12.7 19.1



#72
Anthracene
Concen: 39.153 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:178 Resp: 1525864
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.9 13.0 19.6

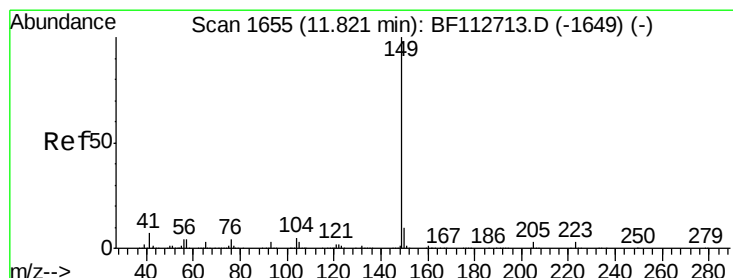
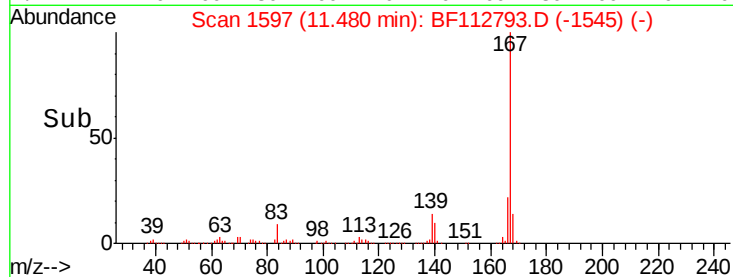
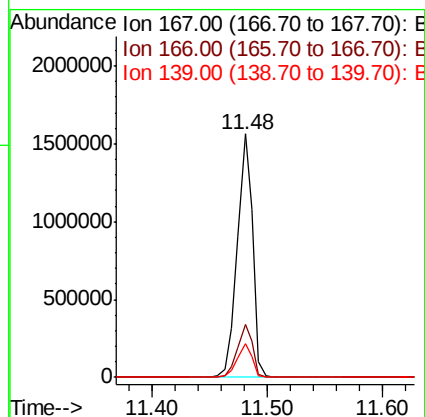
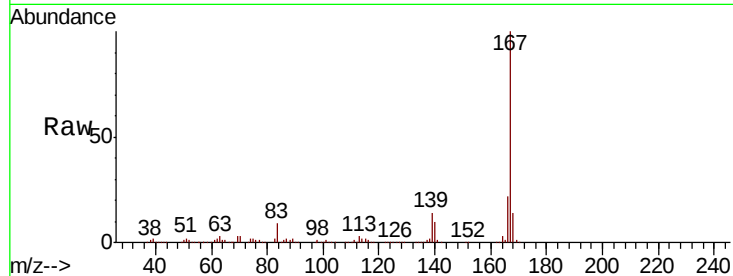




#73
 Carbazole
 Concen: 37.705 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

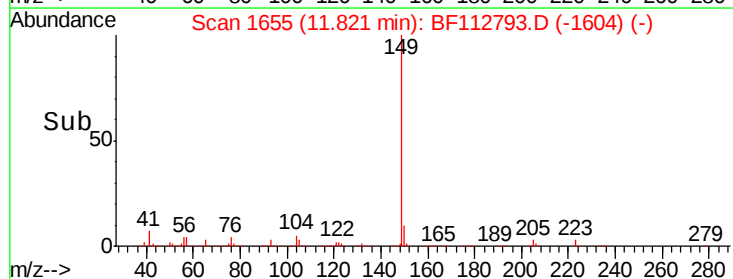
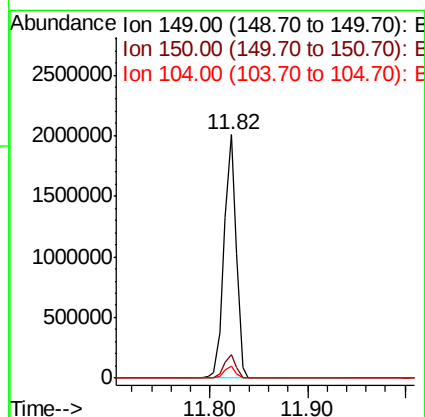
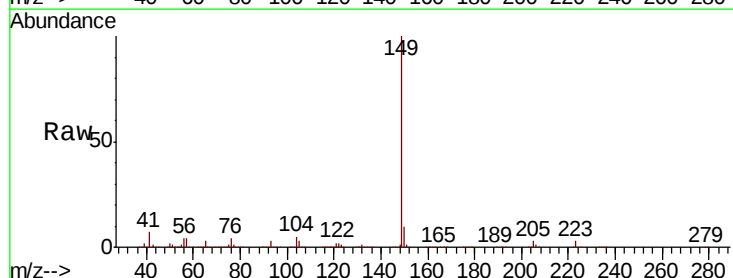
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

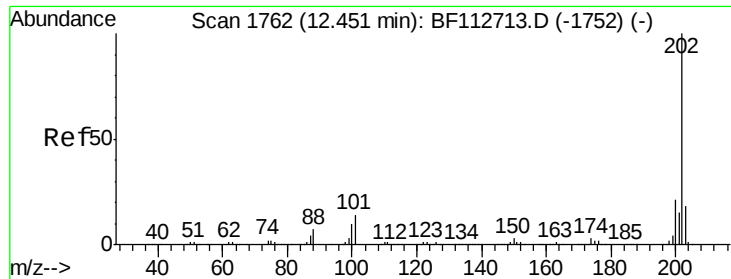
Tgt Ion:167 Resp: 1433446
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.875 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion:149 Resp: 1726492
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 40.059 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

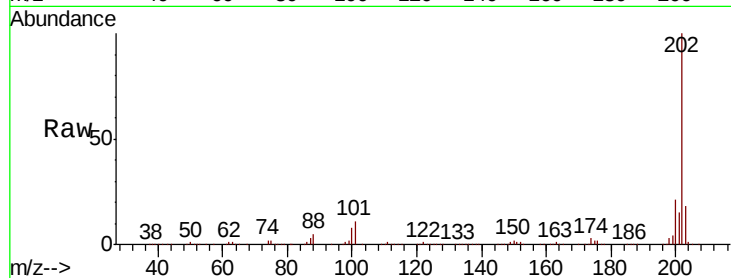
Tgt Ion:202 Resp: 1597856

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.8

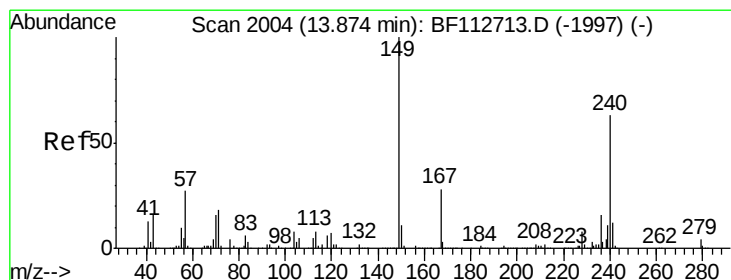
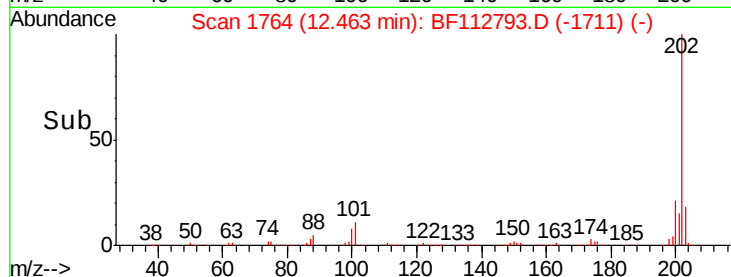
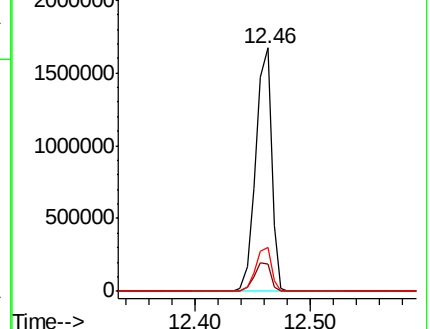
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

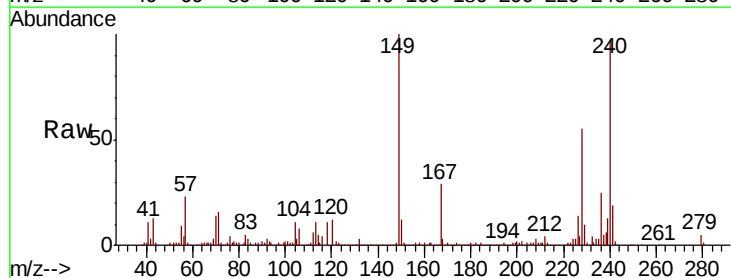
Tgt Ion:240 Resp: 511206

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

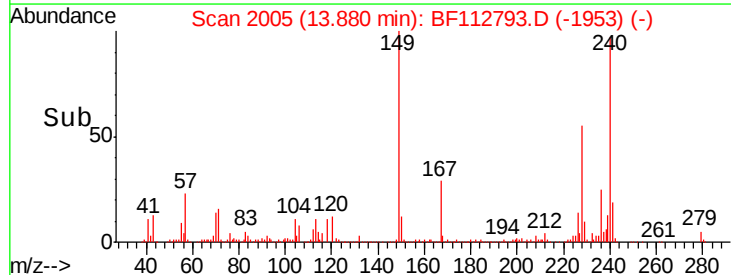
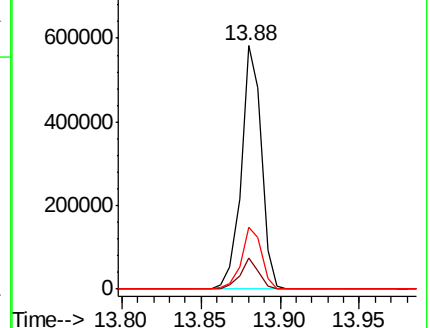
236 25.3 20.7 31.1

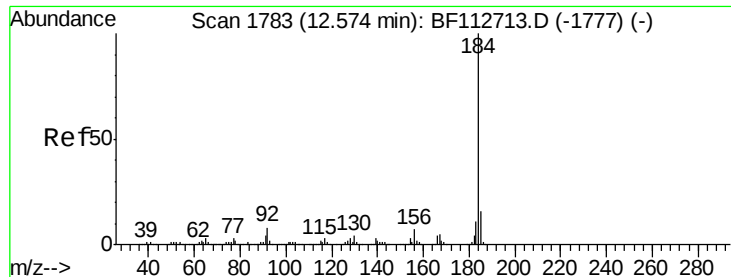


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.177 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

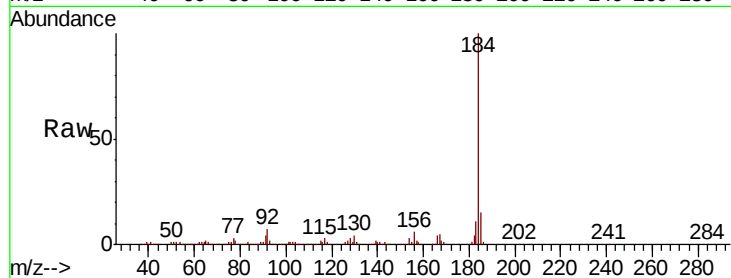
Tgt Ion:184 Resp: 641241

Ion Ratio Lower Upper

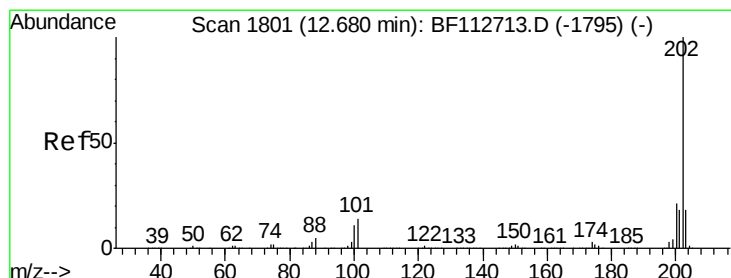
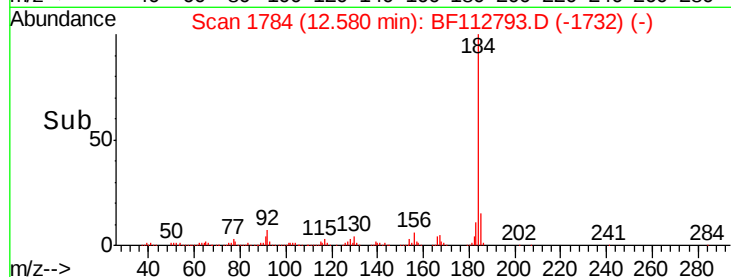
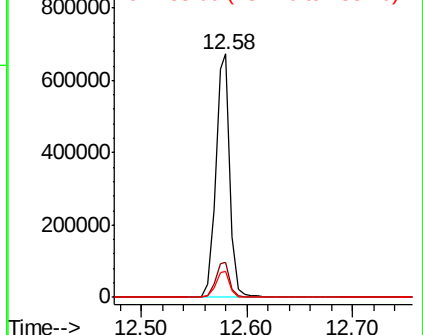
184 100

185 14.6 12.6 18.8

183 10.7 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.117 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

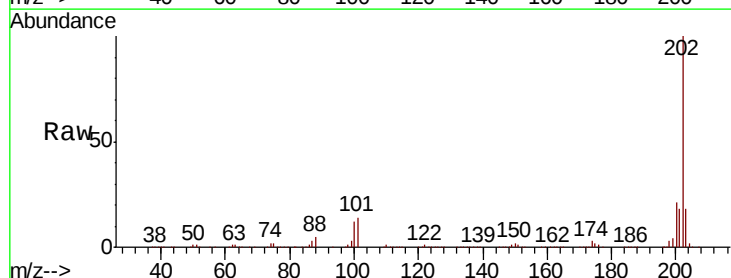
Tgt Ion:202 Resp: 1642673

Ion Ratio Lower Upper

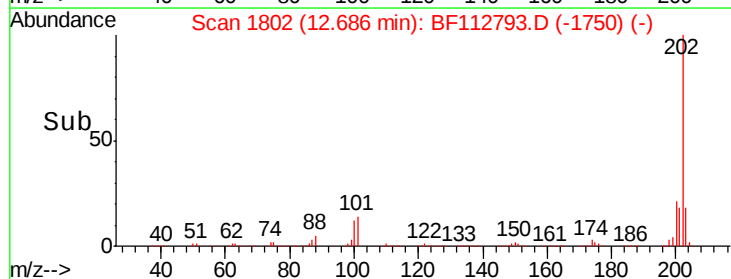
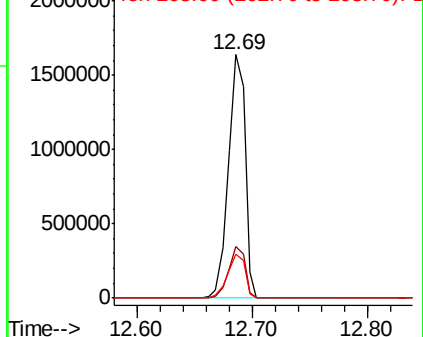
202 100

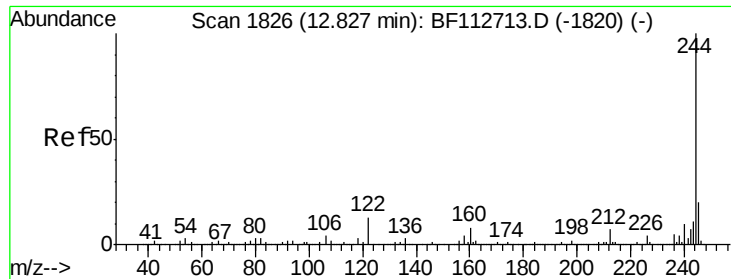
200 21.2 17.0 25.4

203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

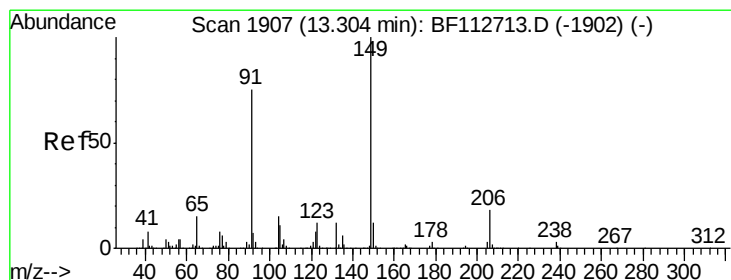
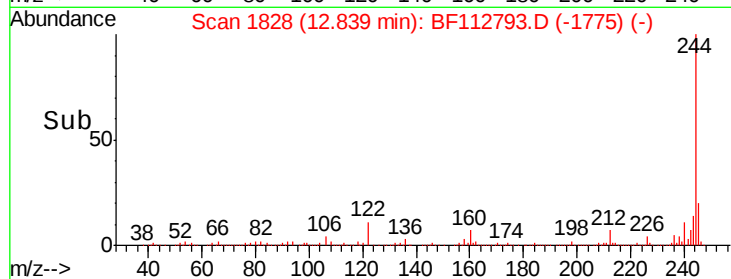
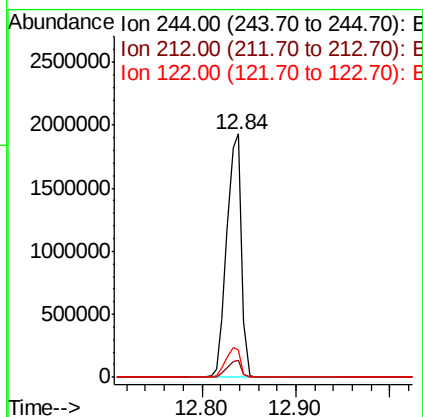
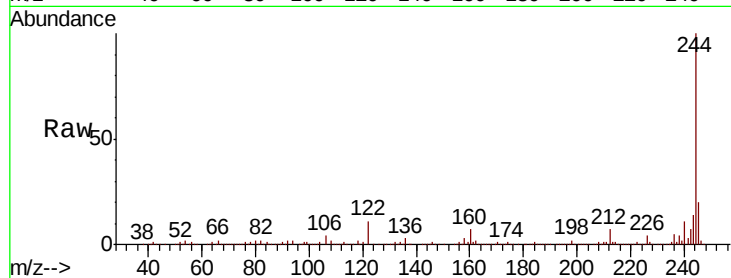




#79
 Terphenyl-d14
 Concen: 79.270 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

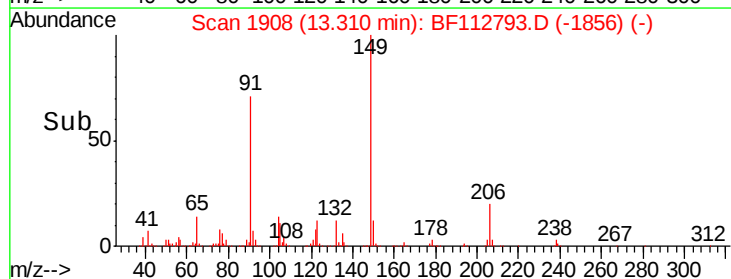
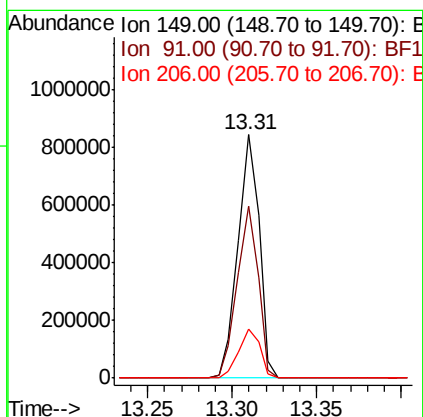
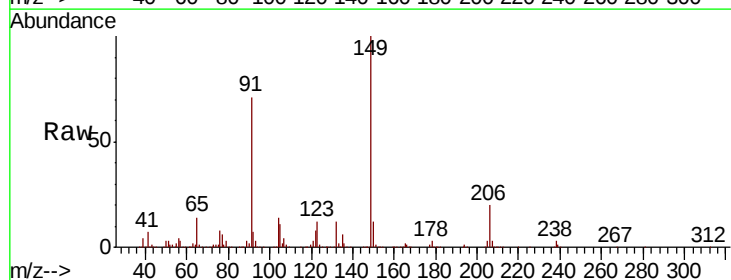
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BS

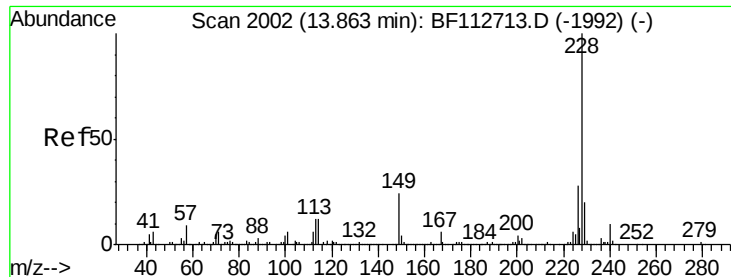
Tgt Ion: 244 Resp: 2090438
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 38.874 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112793.D
 Acq: 1 Mar 2019 12:12

Tgt Ion: 149 Resp: 739495
 Ion Ratio Lower Upper
 149 100
 91 70.9 59.9 89.9
 206 20.1 14.7 22.1





#81

Benzo(a)anthracene

Concen: 36.834 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

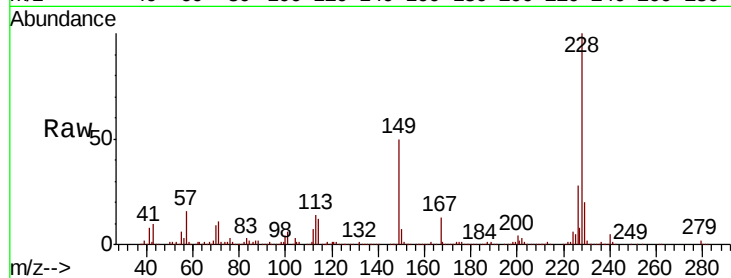
Tgt Ion:228 Resp: 1305018

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

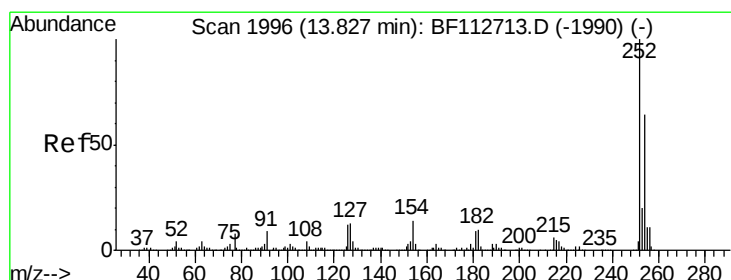
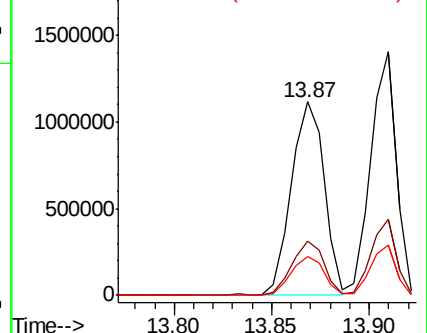
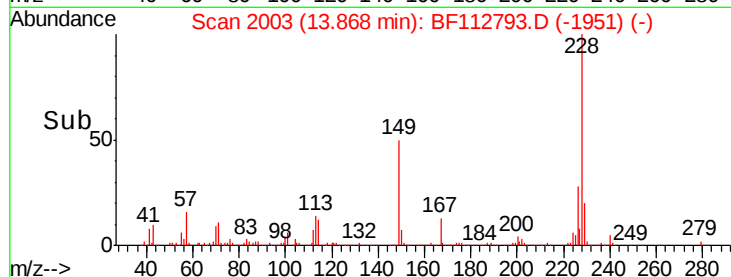
229 20.2 16.0 24.0



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: 27.156 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

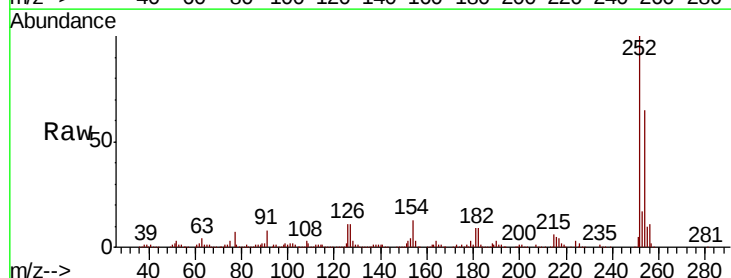
Tgt Ion:252 Resp: 363878

Ion Ratio Lower Upper

252 100

254 65.0 51.1 76.7

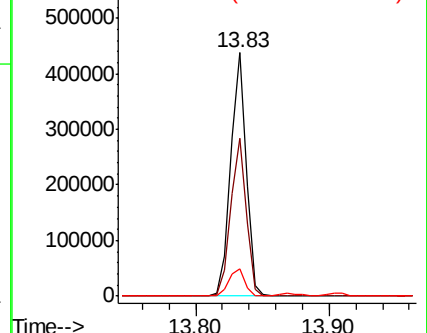
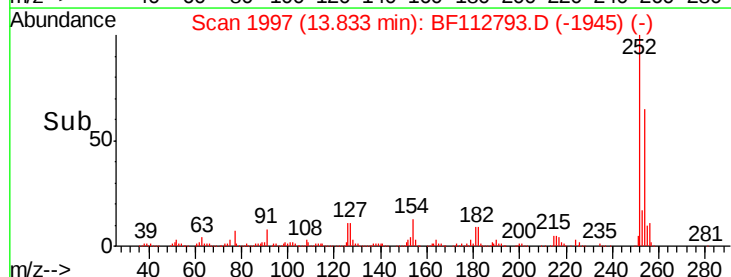
126 11.0 9.9 14.9

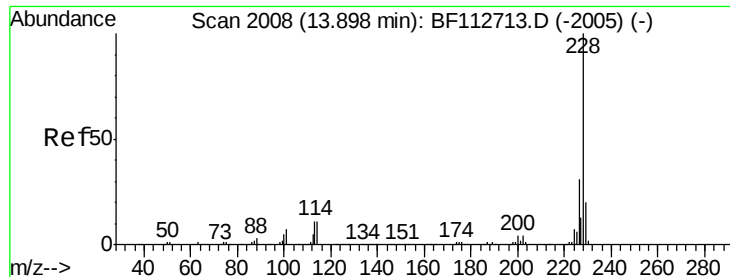


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.752 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

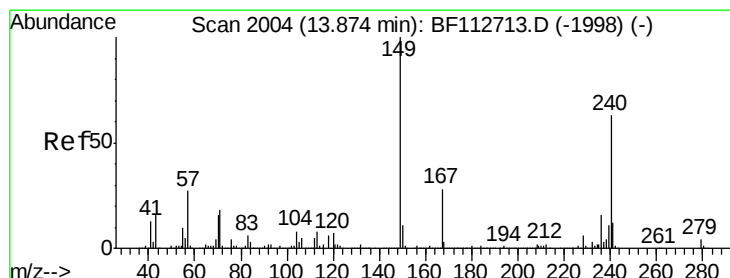
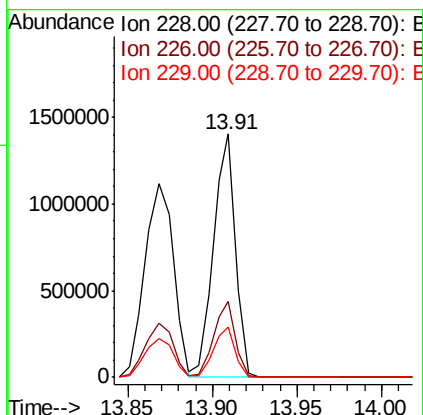
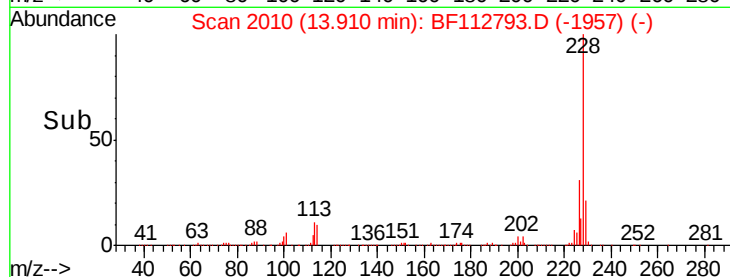
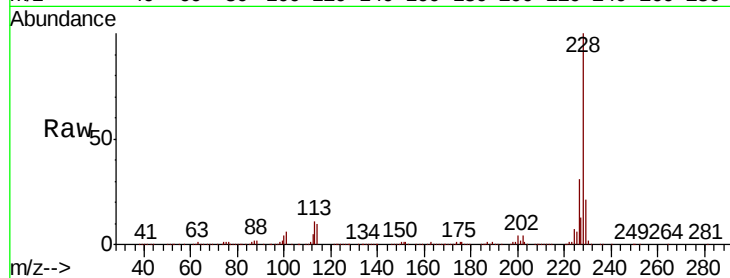
Tgt Ion:228 Resp: 1275476

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.185 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

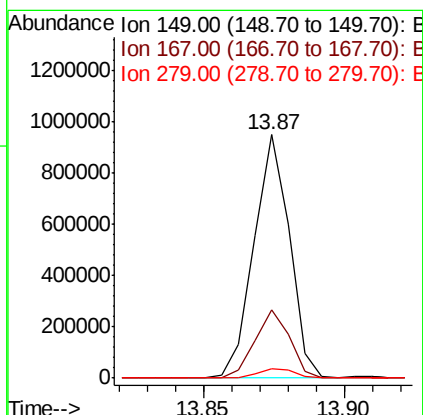
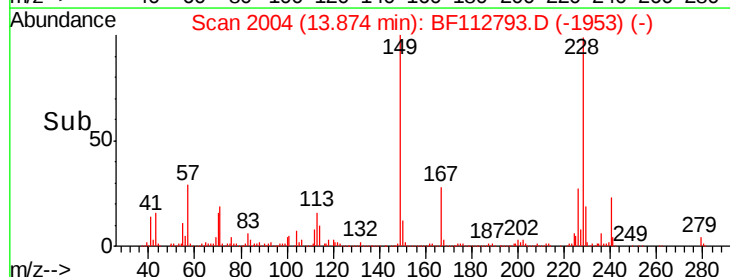
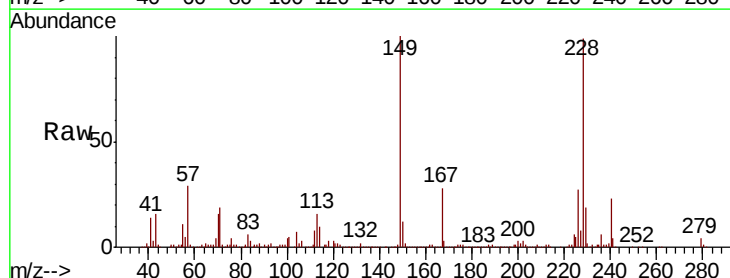
Tgt Ion:149 Resp: 829707

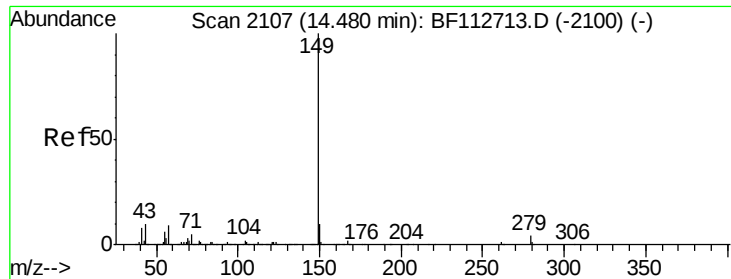
Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.888 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

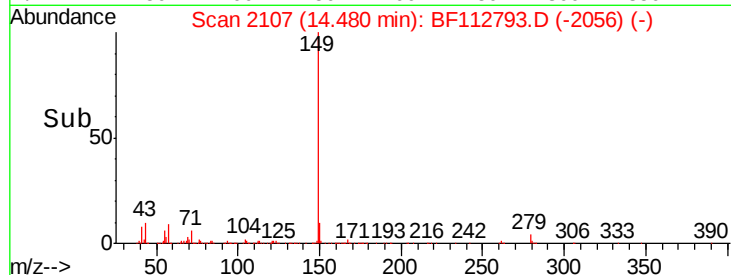
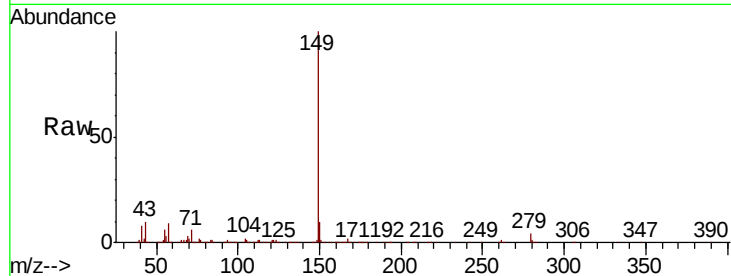
Tgt Ion:149 Resp: 1489969

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

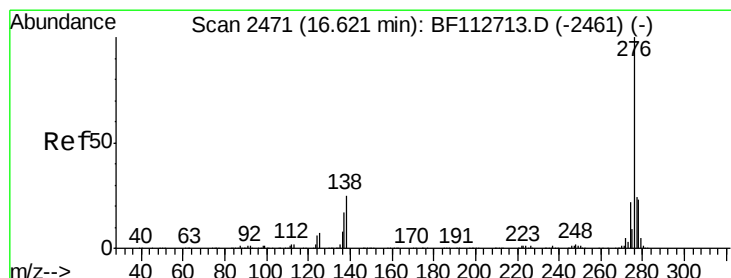
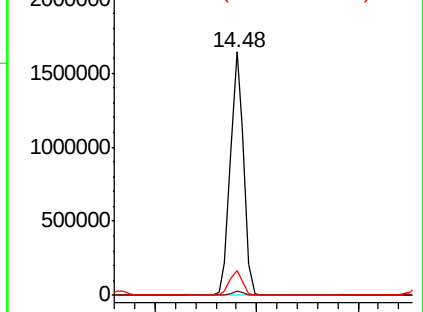
43 10.1 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.625 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.03 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

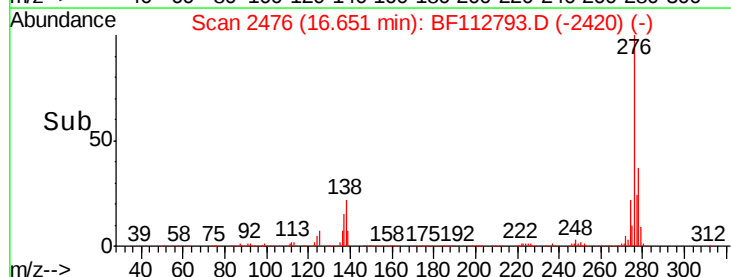
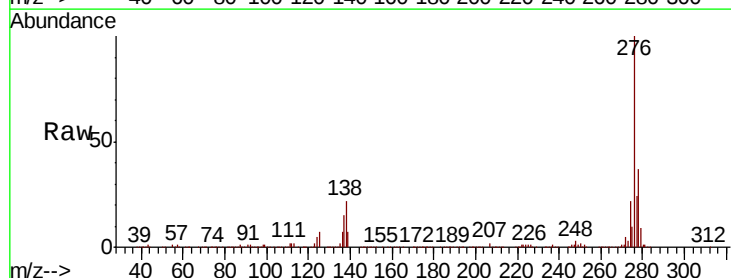
Tgt Ion:276 Resp: 1083624

Ion Ratio Lower Upper

276 100

138 25.1 23.2 34.8

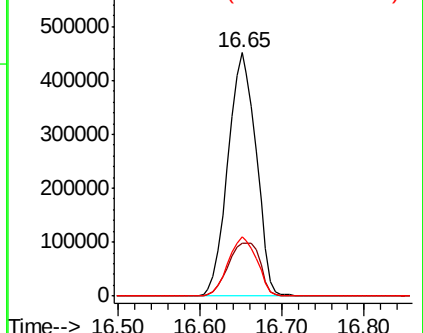
277 24.9 19.9 29.9

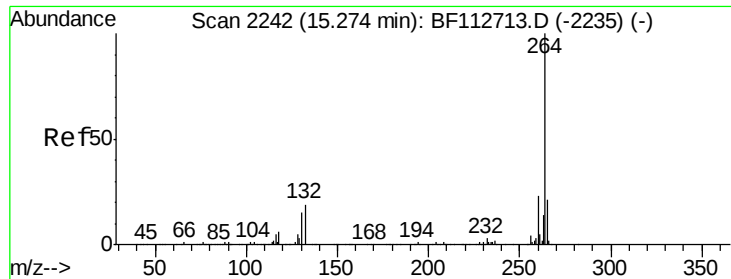


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB117470BS

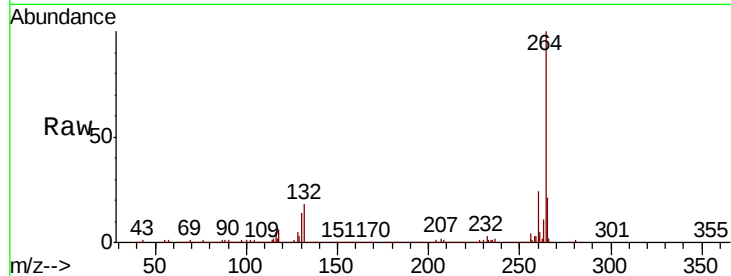
Tgt Ion:264 Resp: 432458

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

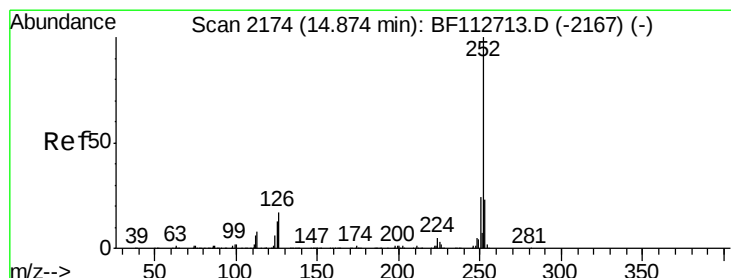
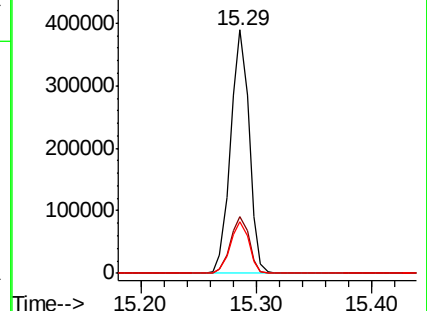
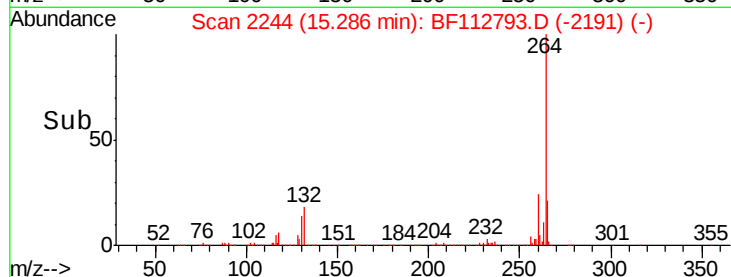
265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.189 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.04 min

Lab File: BF112793.D

Acq: 1 Mar 2019 12:12

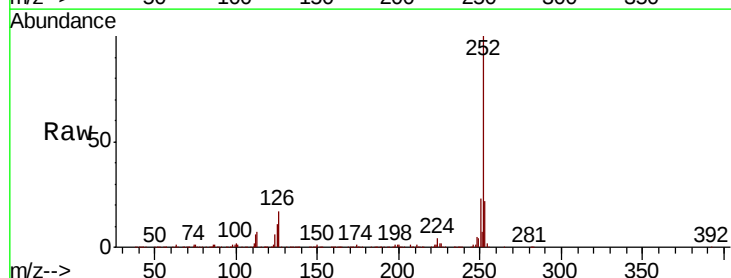
Tgt Ion:252 Resp: 1040270

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

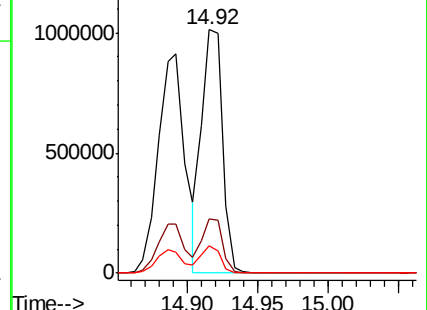
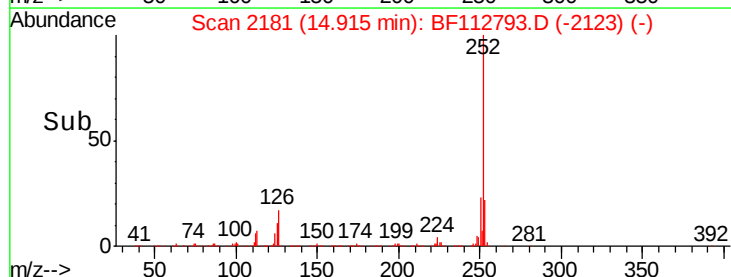
125 11.4 10.2 15.2

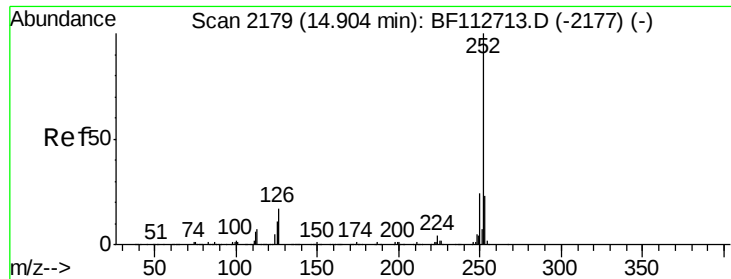


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

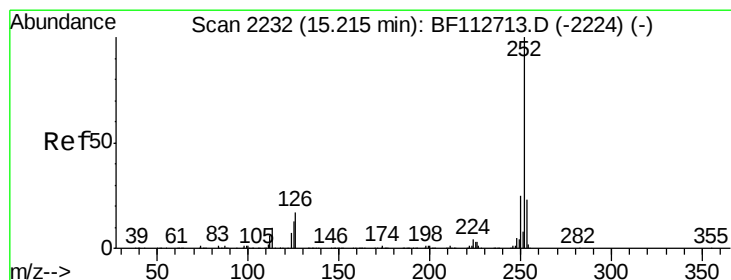
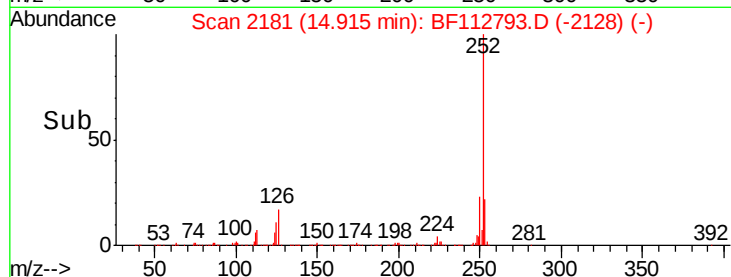
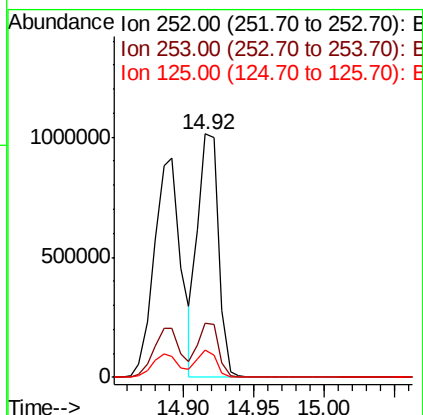
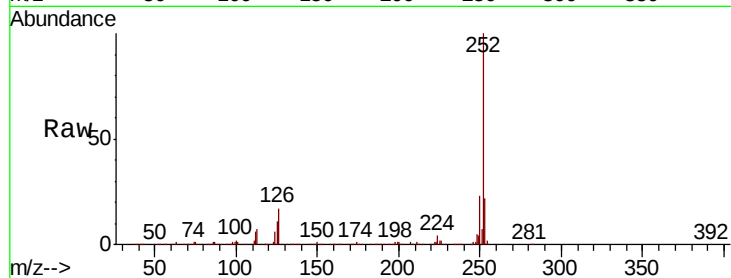




#89
Benzo(k)fluoranthene
Concen: 41.056 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

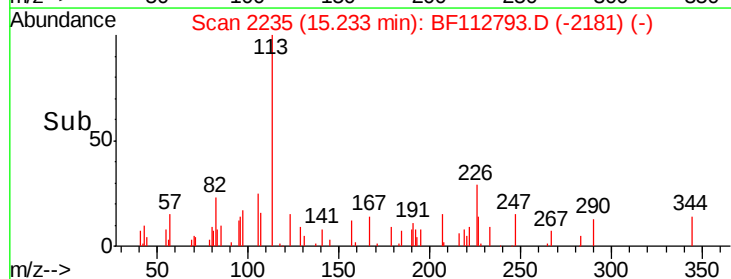
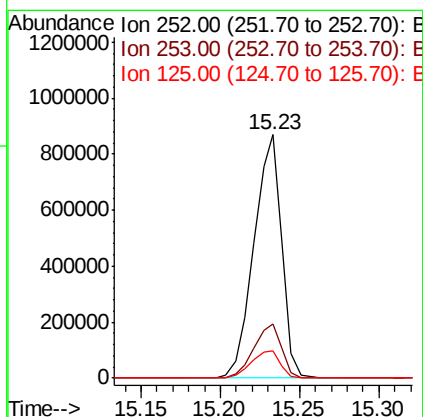
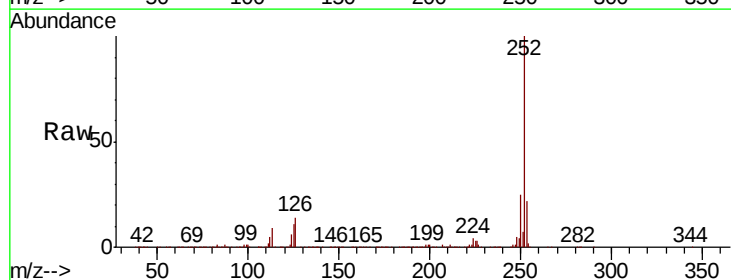
Instrument :
BNA_F
ClientSampleId :
PB117470BS

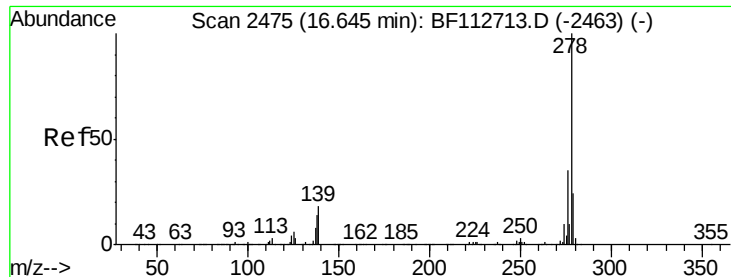
Tgt Ion:252 Resp: 1040270
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.4 9.8 14.6



#90
Benzo(a)pyrene
Concen: 42.668 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion:252 Resp: 1055711
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.0 10.7 16.1

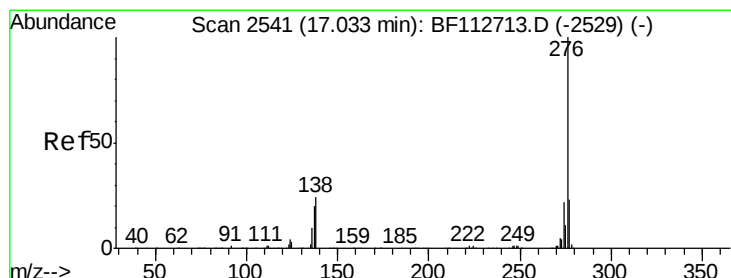
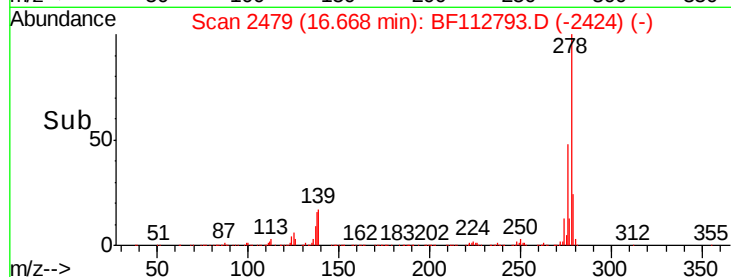
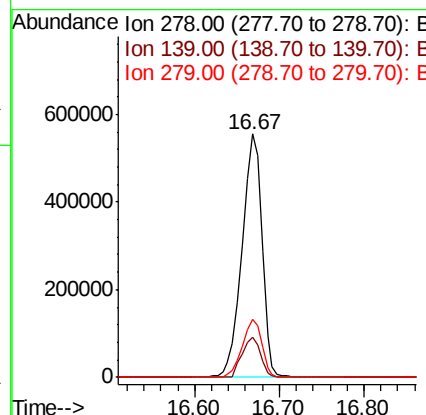
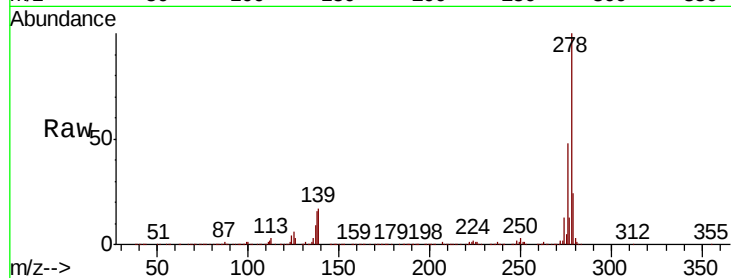




#91
Dibenzo(a,h)anthracene
Concen: 42.624 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.02 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.3	21.5
279	23.9	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 42.690 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112793.D
Acq: 1 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	22.2	19.4	29.0

