

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113966.D
 Acq On : 24 Apr 2019 17:22
 Operator : JU/SJ
 Sample : K2487-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Quant Time: Apr 25 01:24:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	147875	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	571578	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295273	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	576417	20.00	ng	0.00
76) Chrysene-d12	14.06	240	363323	20.00	ng	-0.01
87) Perylene-d12	15.53	264	416796	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	596372	68.98	ng	0.00
7) Phenol-d6	6.52	99	517259	47.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	929689	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	465386	129.38	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1775048	94.02	ng	0.00
79) Terphenyl-d14	13.00	244	1869546	105.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	86873	21.316	ng	99
3) Pyridine	3.48	79	196343	17.650	ng	96
4) n-Nitrosodimethylamine	3.42	42	80219	21.065	ng	92
6) Aniline	6.56	93	352970	23.697	ng	99
8) 2-Chlorophenol	6.69	128	365118	36.989	ng	96
9) Benzaldehyde	6.44	77	134591	17.654	ng	95
10) Phenol	6.53	94	212455	16.379	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	437412	44.814	ng	98
12) 1,3-Dichlorobenzene	6.84	146	392514	35.110	ng	99
13) 1,4-Dichlorobenzene	6.92	146	401116	35.672	ng	99
14) 1,2-Dichlorobenzene	7.07	146	383343	37.095	ng	100
15) Benzyl Alcohol	7.03	79	248032	33.951	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	505294	44.347	ng	92
17) 2-Methylphenol	7.15	107	298197	34.463	ng	98
18) Hexachloroethane	7.41	117	128435	32.583	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	330716	47.080	ng	99
20) 3+4-Methylphenols	7.30	107	297890	30.472	ng	# 58
22) Acetophenone	7.30	105	629863	49.519	ng	# 97
24) Nitrobenzene	7.47	77	494926	48.385	ng	98
25) Isophorone	7.72	82	896967	47.354	ng	100
26) 2-Nitrophenol	7.79	139	231674	49.647	ng	96
27) 2,4-Dimethylphenol	7.83	122	341489	44.916	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	568503	47.100	ng	100
29) 2,4-Dichlorophenol	8.03	162	380395	43.753	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	378725	39.068	ng	98
31) Naphthalene	8.20	128	1188194	43.759	ng	99
32) Benzoic acid	7.91	122	57164	11.134	ng	93
33) 4-Chloroaniline	8.24	127	291405	25.363	ng	99
34) Hexachlorobutadiene	8.32	225	208277	34.465	ng	98
35) Caprolactam	8.61	113	25489	9.216	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	357122	41.461	ng	99
37) 2-Methylnaphthalene	8.89	142	821074	44.842	ng	98
38) 1-Methylnaphthalene	8.99	142	774286	43.813	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	416146	43.387	ng	100

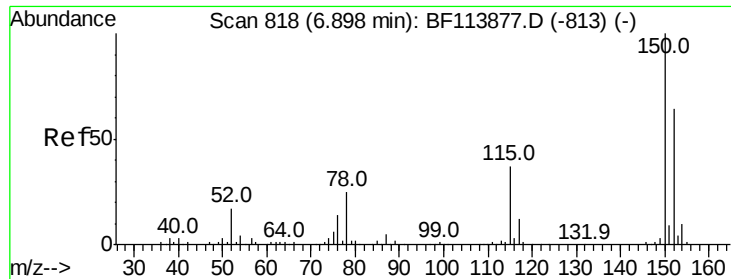
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113966.D
 Acq On : 24 Apr 2019 17:22
 Operator : JU/SJ
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	328193	61.361	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	290414	47.683	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	328859	48.139	ng	98
46) 1,1'-Biphenyl	9.36	154	1062146	47.088	ng	98
47) 2-Chloronaphthalene	9.38	162	849061	46.287	ng	98
48) 2-Nitroaniline	9.47	65	257293	53.506	ng	96
49) Acenaphthylene	9.80	152	1297259	45.174	ng	100
50) Dimethylphthalate	9.66	163	1125819	52.720	ng	99
51) 2,6-Dinitrotoluene	9.72	165	249045	54.360	ng	98
52) Acenaphthene	9.97	154	852216	50.215	ng	96
53) 3-Nitroaniline	9.88	138	152254	31.626	ng	97
54) 2,4-Dinitrophenol	9.99	184	175610	87.702	ng	# 5
55) Dibenzofuran	10.14	168	1223376	48.123	ng	98
56) 4-Nitrophenol	10.04	139	152620	40.039	ng	97
57) 2,4-Dinitrotoluene	10.12	165	334035	57.765	ng	97
58) Fluorene	10.49	166	918530	47.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	285987	47.638	ng	98
60) Diethylphthalate	10.35	149	1024896	50.540	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	483999	47.750	ng	99
62) 4-Nitroaniline	10.50	138	222297	47.317	ng	94
63) Azobenzene	10.63	77	920829	46.852	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	124938	47.398	ng	98
66) n-Nitrosodiphenylamine	10.59	169	848957	49.085	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	320794	46.069	ng	96
68) Hexachlorobenzene	11.03	284	347894	45.464	ng	98
69) Atrazine	11.12	200	285872	50.810	ng	98
70) Pentachlorophenol	11.23	266	363335	83.863	ng	98
71) Phenanthrene	11.45	178	1372744	47.388	ng	99
72) Anthracene	11.50	178	1403353	47.973	ng	100
73) Carbazole	11.65	167	1242204	47.597	ng	99
74) Di-n-butylphthalate	11.97	149	1516363	49.393	ng	99
75) Fluoranthene	12.63	202	1356566	42.923	ng	97
77) Benzidine	12.74	184	150535	13.906	ng	98
78) Pyrene	12.86	202	1323440	52.088	ng	99
80) Butylbenzylphthalate	13.47	149	563468	56.366	ng	97
81) Benzo(a)anthracene	14.04	228	1081174	50.507	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	299013	38.110	ng	# 98
83) Chrysene	14.08	228	1093396	52.447	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	740288	58.204	ng	99
85) Di-n-octyl phthalate	14.64	149	1152075	57.870	ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1461807	74.025	ng	98
88) Benzo(b)fluoranthene	15.10	252	1202500	45.600	ng	99
89) Benzo(k)fluoranthene	15.13	252	1117483	49.265	ng	99
90) Benzo(a)pyrene	15.47	252	1147226	50.297	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	1219190	56.941	ng	100
92) Benzo(g,h,i)perylene	17.49	276	1232061	57.020	ng	98

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

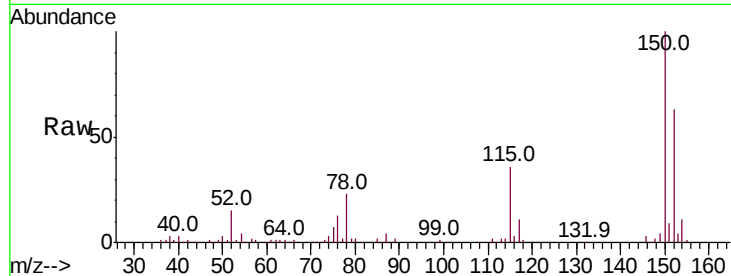


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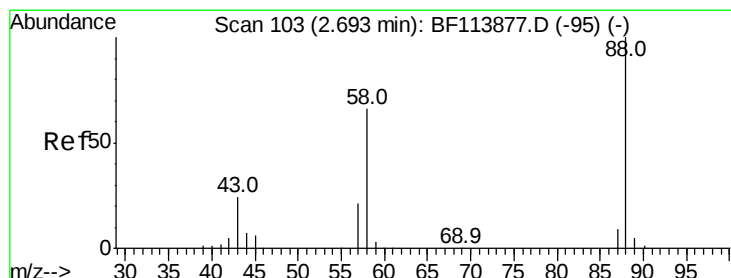
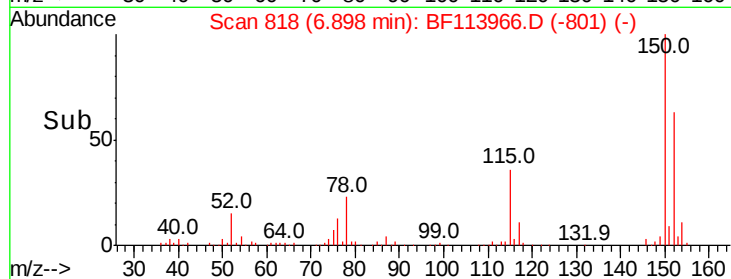
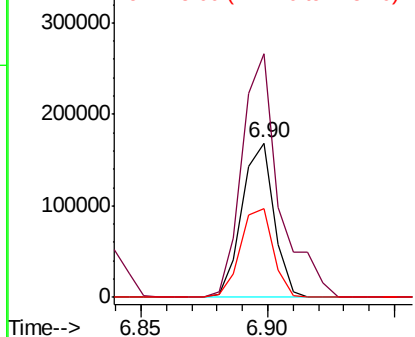
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:152 Resp: 147875
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 57.3 45.9 68.9



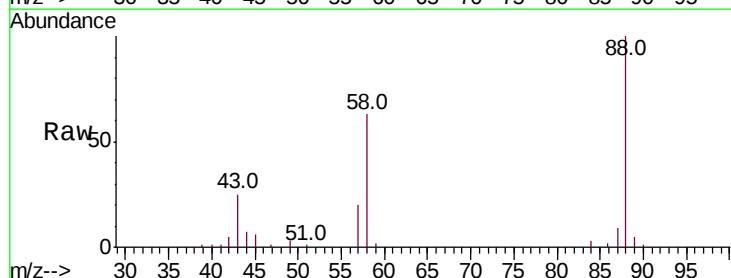
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



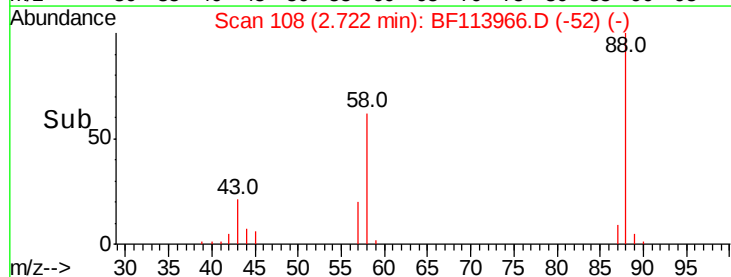
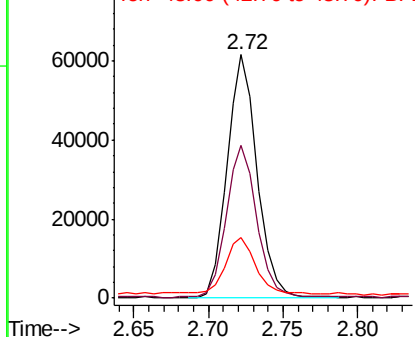
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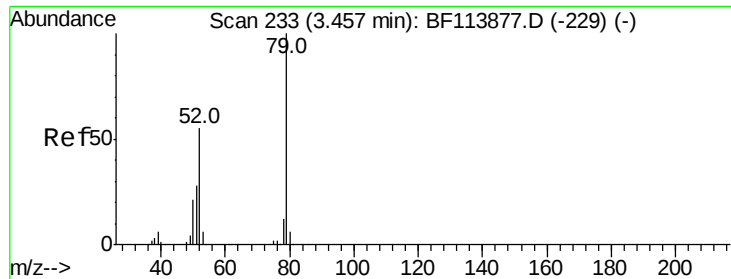
1,4-Dioxane
Concen: 21.316 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.03 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion: 88 Resp: 86873
Ion Ratio Lower Upper
88 100
58 65.2 53.3 79.9
43 23.8 19.0 28.4



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

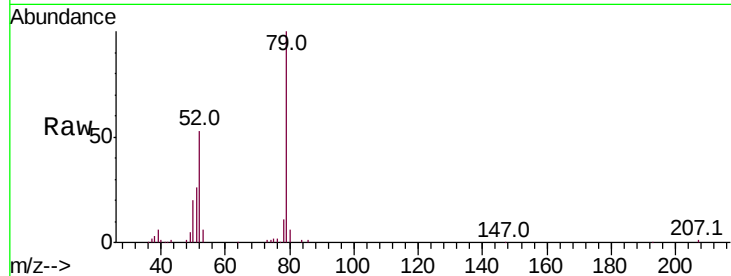




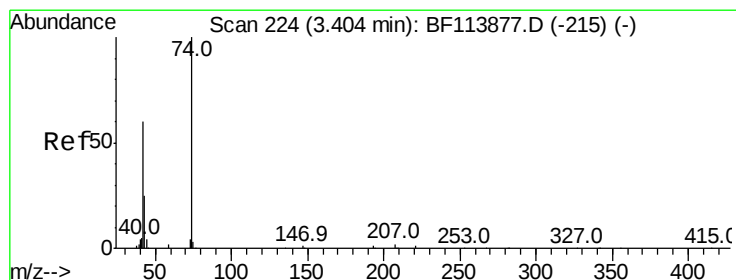
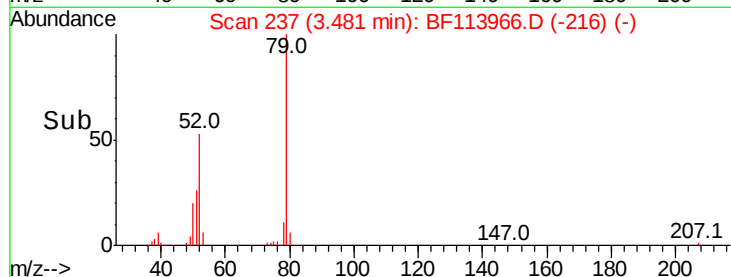
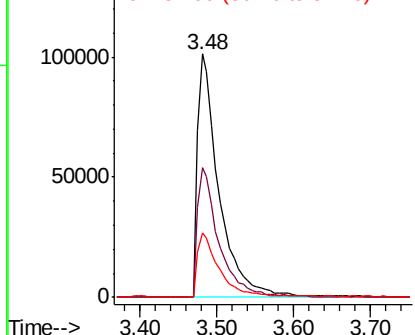
#3
 Pvridine
 Concen: 17.650 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.02 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion: 79 Resp: 196343
 Ion Ratio Lower Upper
 79 100
 52 53.3 45.3 67.9
 51 26.3 22.1 33.1

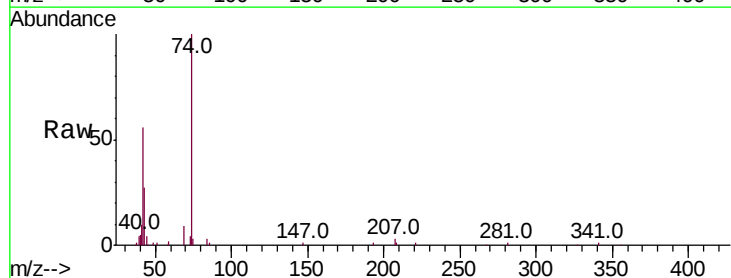


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

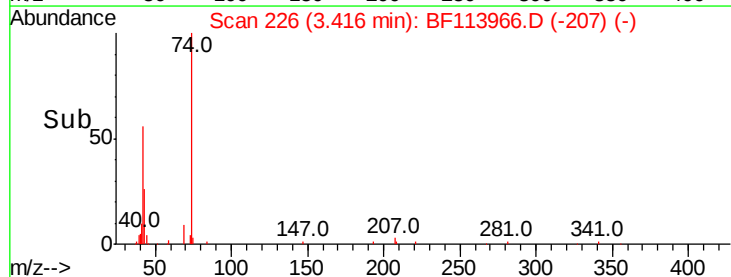
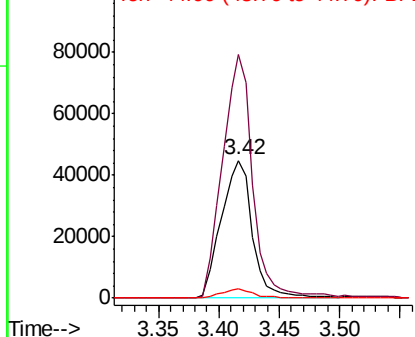


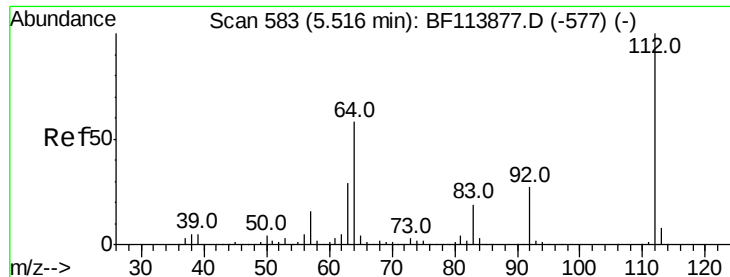
#4
 n-Nitrosodimethylamine
 Concen: 21.065 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion: 42 Resp: 80219
 Ion Ratio Lower Upper
 42 100
 74 177.1 132.6 198.8
 44 7.2 5.8 8.8



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





#5

2-Fluorophenol

Concen: 68.978 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

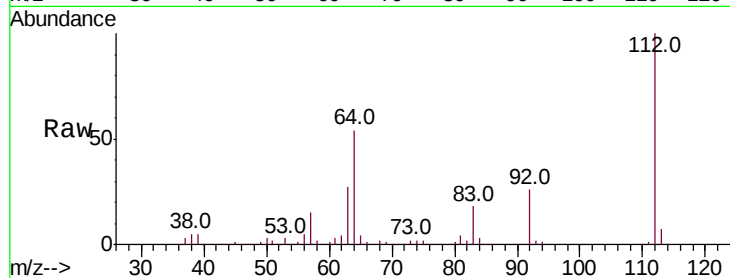
Tot Ion:112 Resp: 596372

Ion Ratio Lower Upper

112 100

64 53.7 46.6 69.8

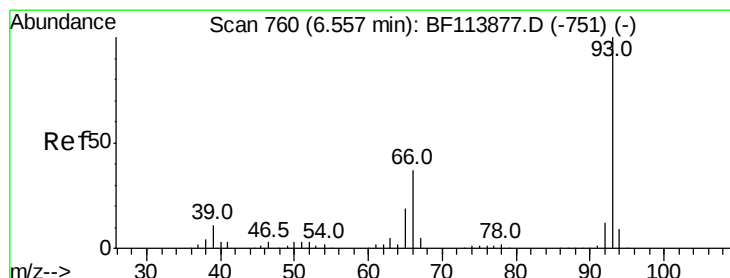
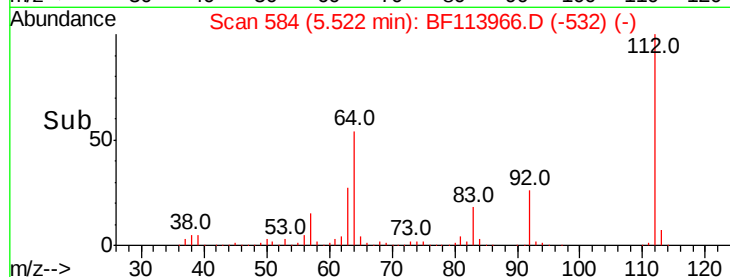
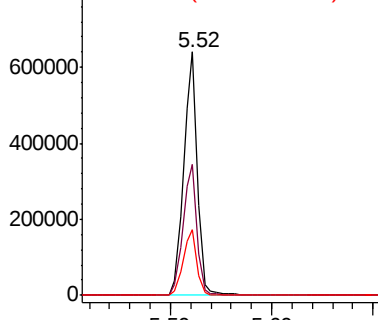
63 27.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.697 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

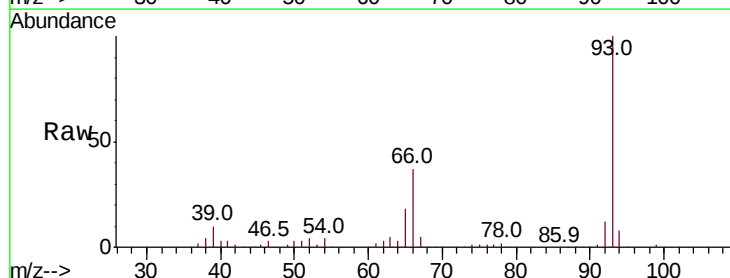
Tgt Ion: 93 Resp: 352970

Ion Ratio Lower Upper

93 100

66 36.7 29.8 44.6

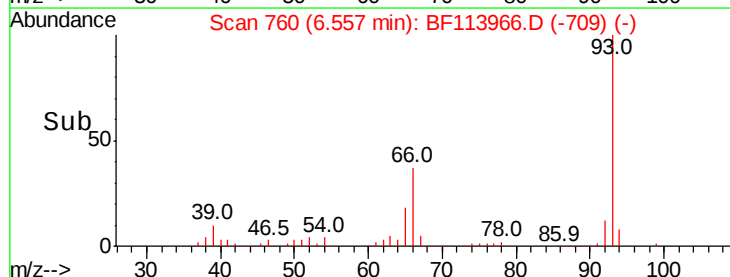
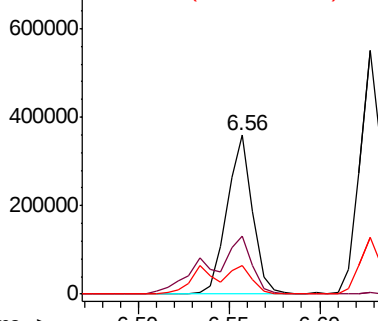
65 18.4 14.9 22.3

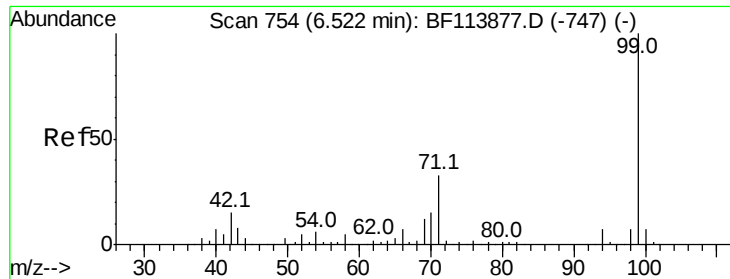


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 47.686 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

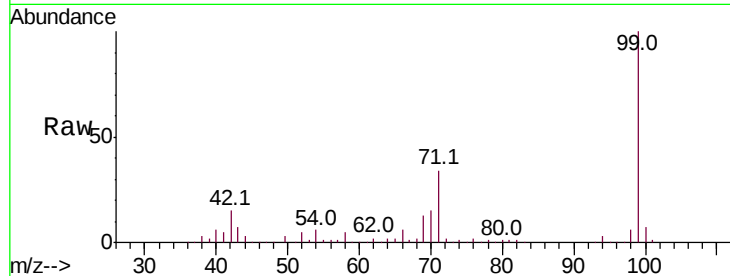
Tot Ion: 99 Resp: 517259

Ion Ratio Lower Upper

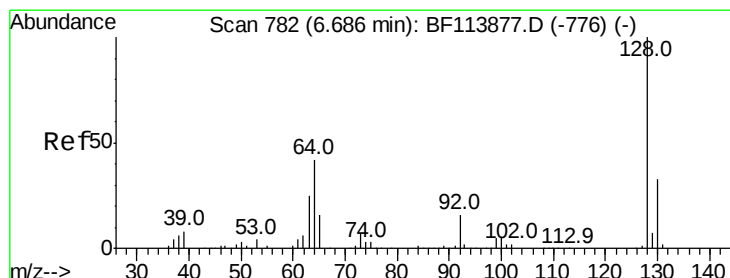
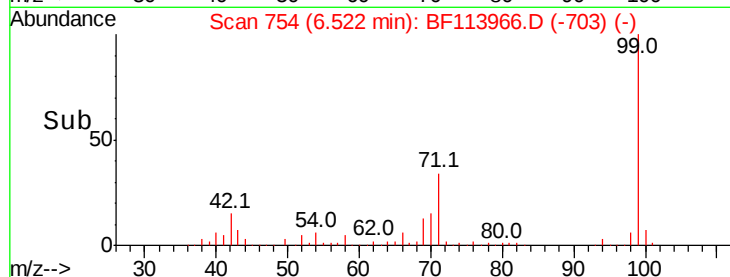
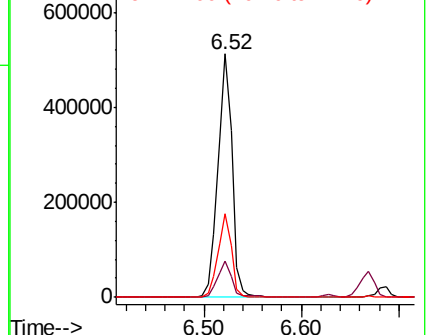
99 100

42 14.8 12.5 18.7

71 34.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.989 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

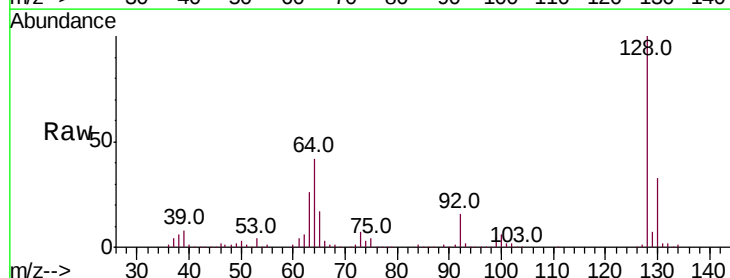
Tgt Ion: 128 Resp: 365118

Ion Ratio Lower Upper

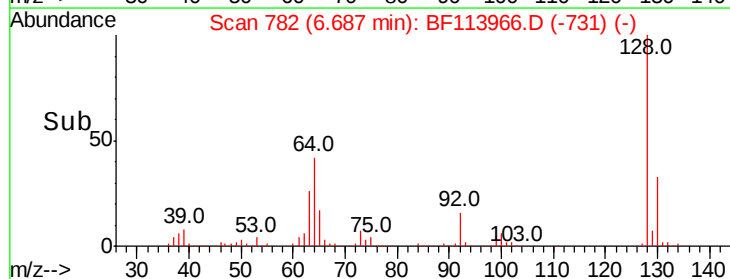
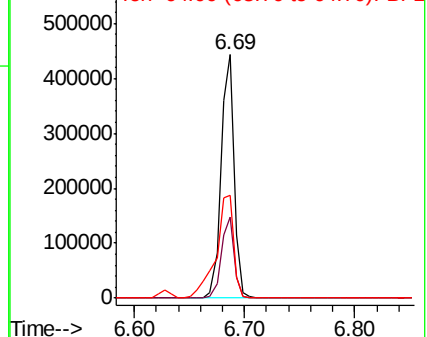
128 100

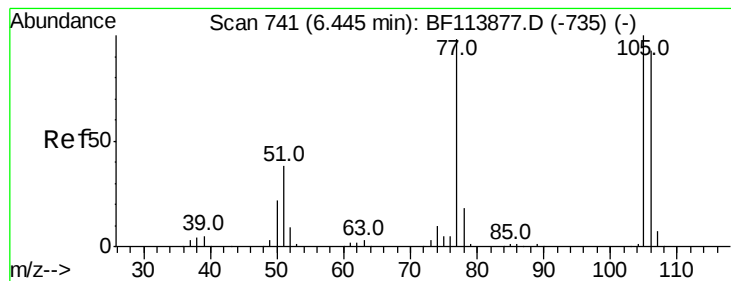
130 33.3 12.3 52.3

64 42.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.654 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

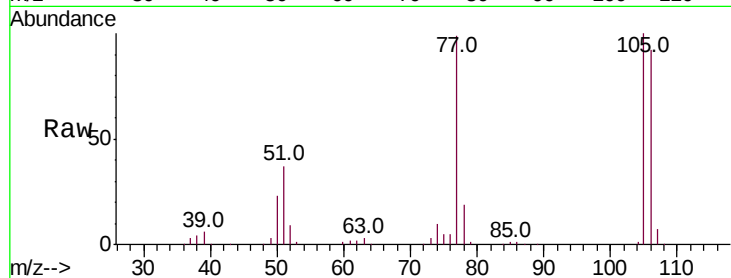
Tot Ion: 77 Resp: 134591

Ion Ratio Lower Upper

77 100

105 100.7 74.1 114.1

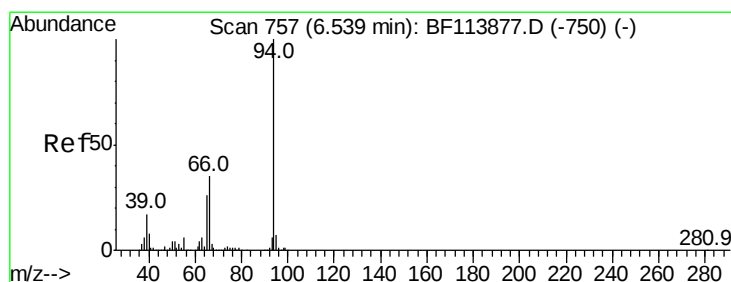
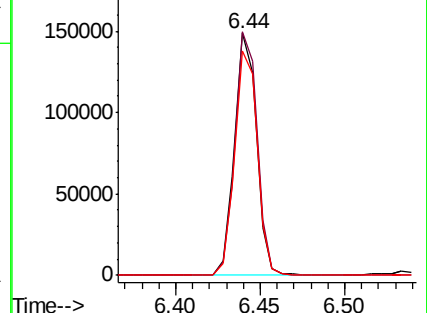
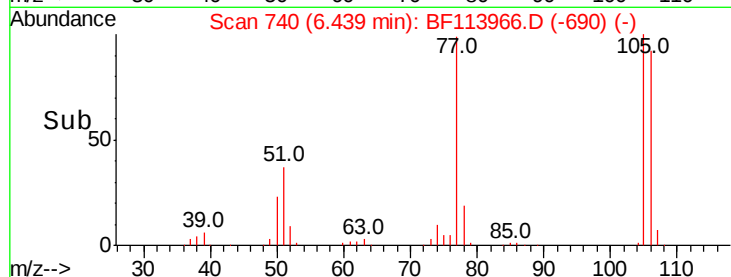
106 92.9 70.3 110.3



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: 16.379 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

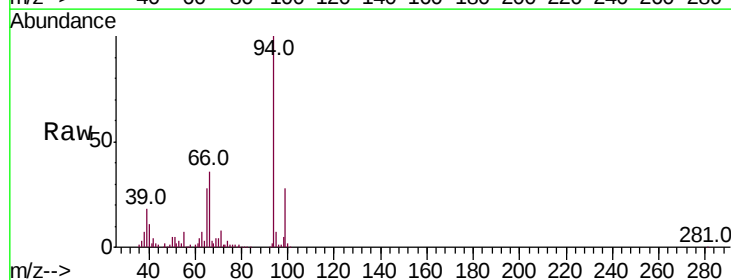
Tgt Ion: 94 Resp: 212455

Ion Ratio Lower Upper

94 100

65 27.8 8.1 48.1

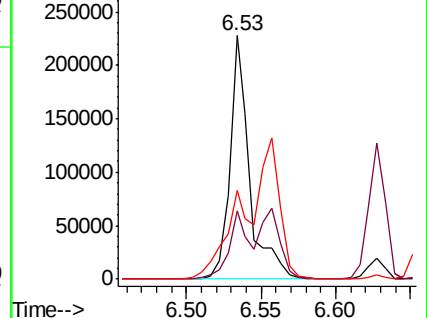
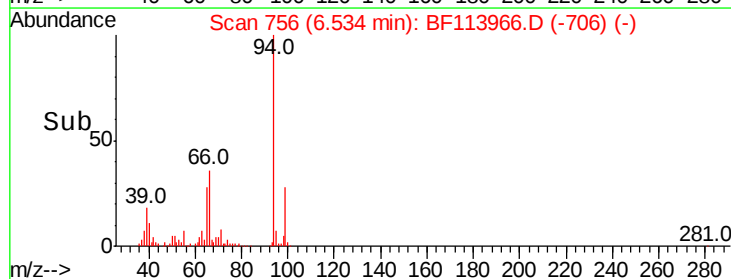
66 36.2 16.6 56.6

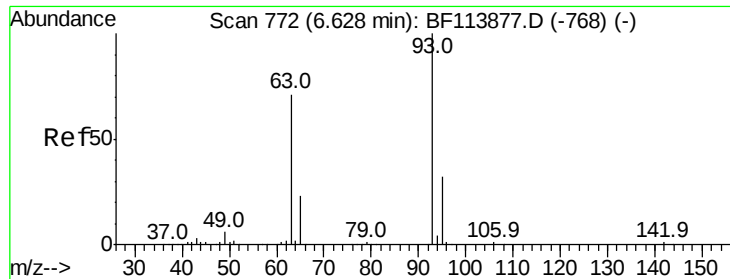


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

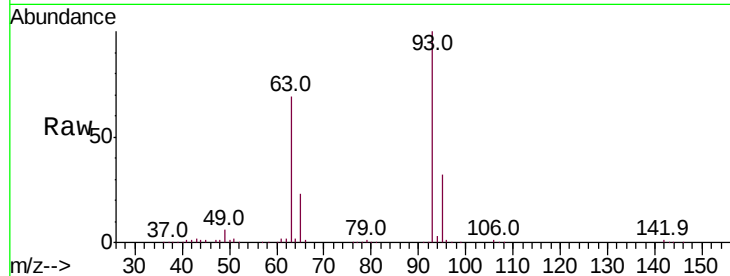




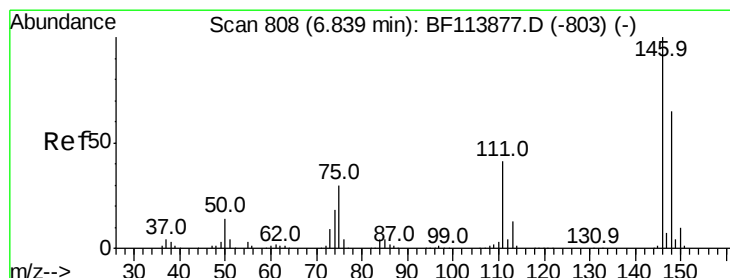
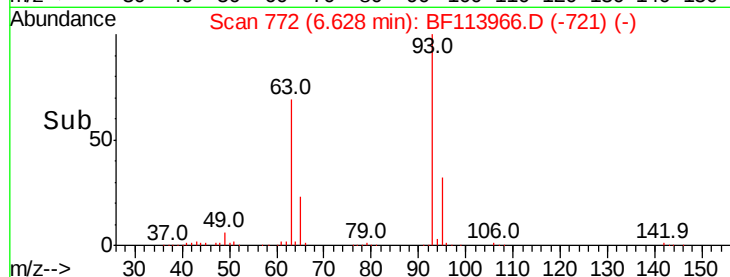
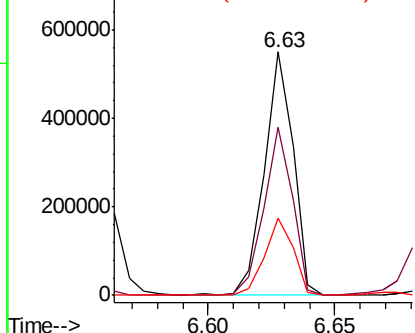
#11
bis(2-Chloroethyl)ether
Concen: 44.814 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion: 93 Resp: 437412
Ion Ratio Lower Upper
93 100
63 69.0 50.7 90.7
95 31.7 12.3 52.3

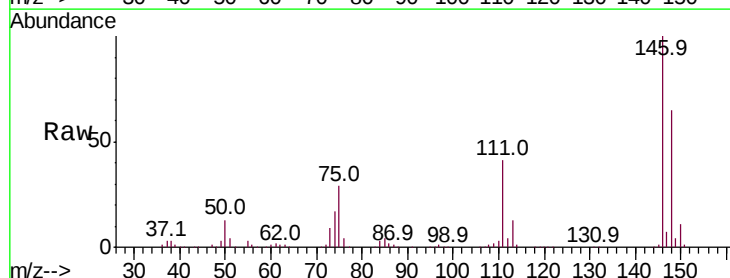


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

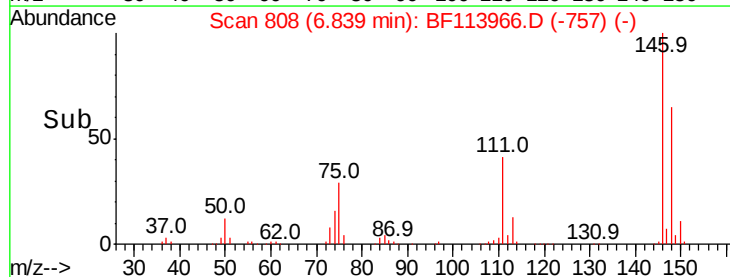
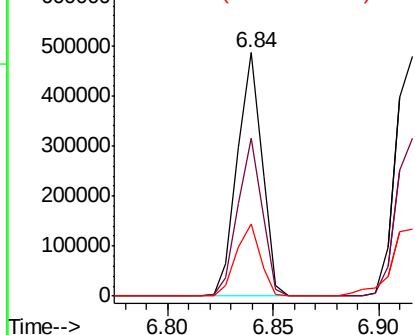


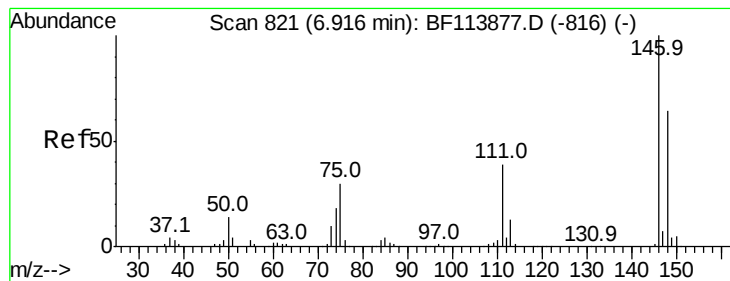
#12
1,3-Dichlorobenzene
Concen: 35.110 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion: 146 Resp: 392514
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 29.4 23.8 35.8



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: 35.672 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

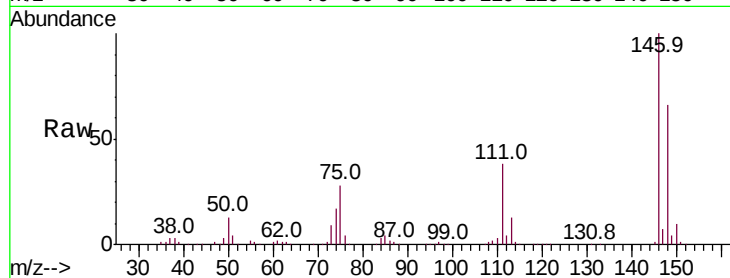
Tot Ion:146 Resp: 401116

Ion Ratio Lower Upper

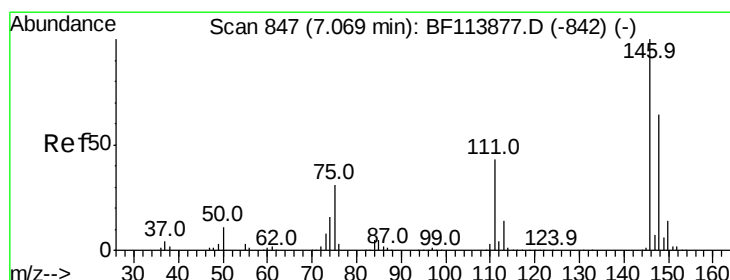
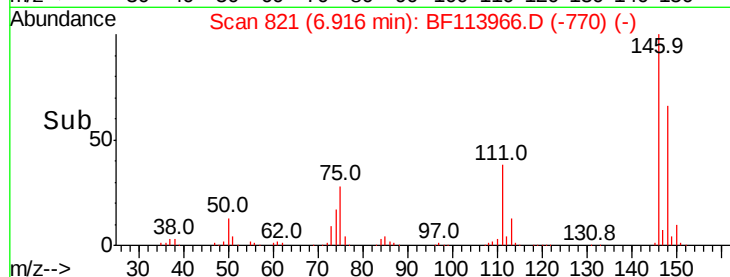
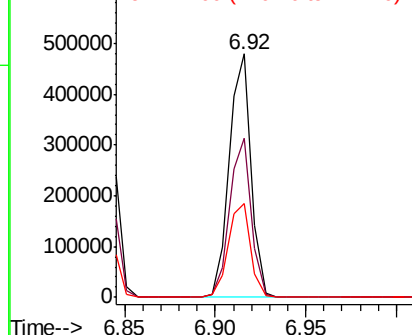
146 100

148 65.5 51.8 77.8

111 38.4 30.9 46.3



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



#14

1,2-Dichlorobenzene

Concen: 37.095 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

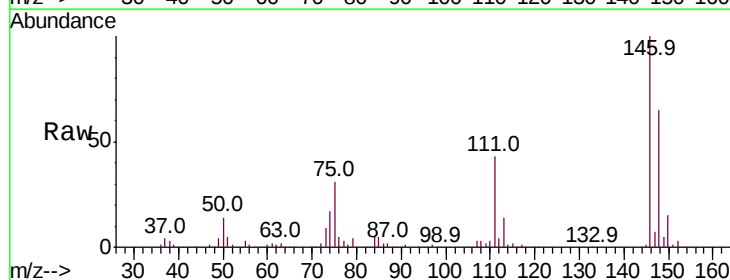
Tgt Ion:146 Resp: 383343

Ion Ratio Lower Upper

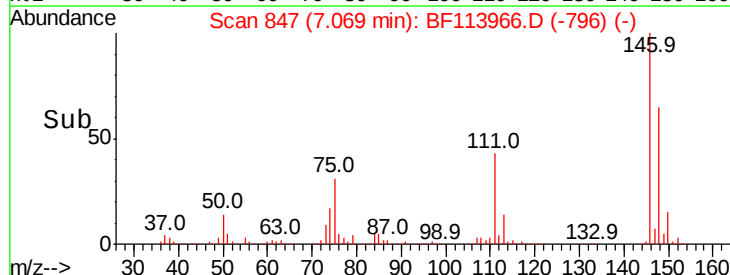
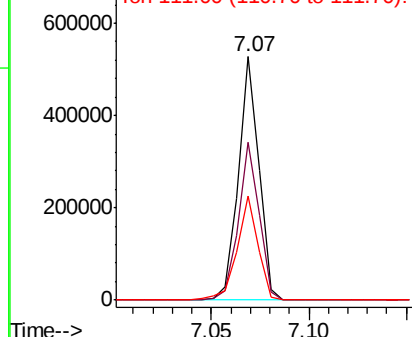
146 100

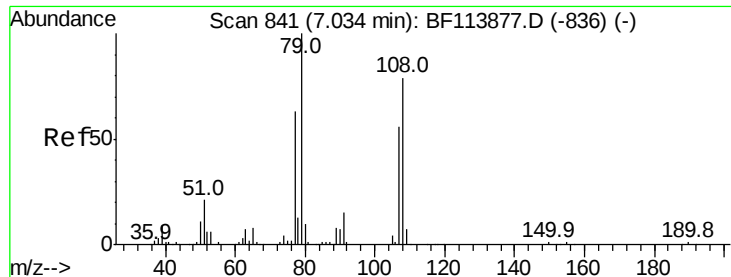
148 64.9 52.1 78.1

111 42.6 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 33.951 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

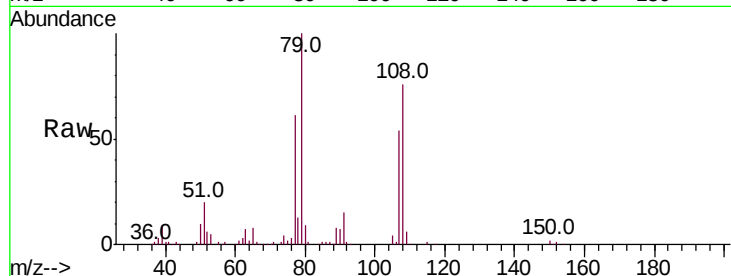
Tot Ion: 79 Resp: 248032

Ion Ratio Lower Upper

79 100

108 76.2 61.4 92.0

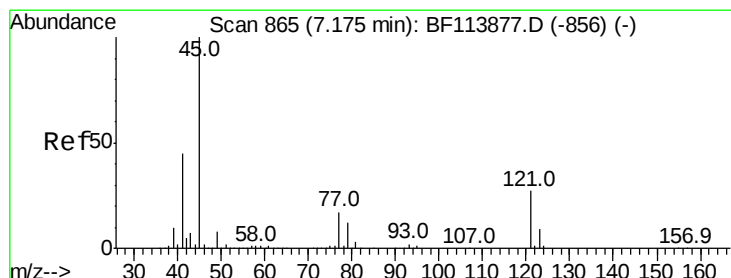
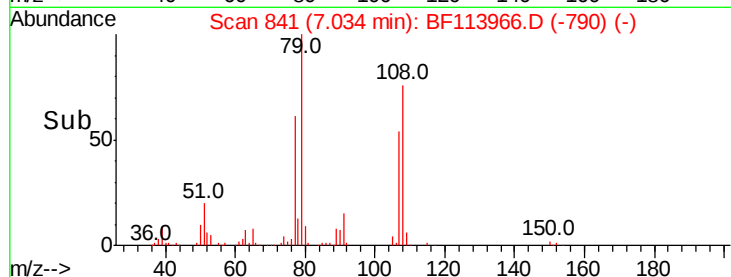
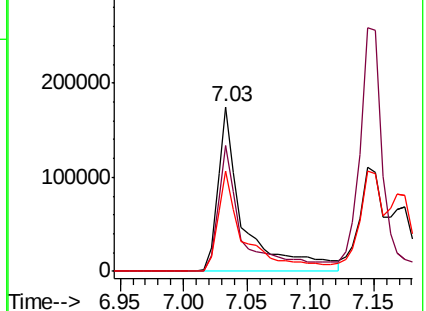
77 60.8 51.6 77.4



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: 44.347 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

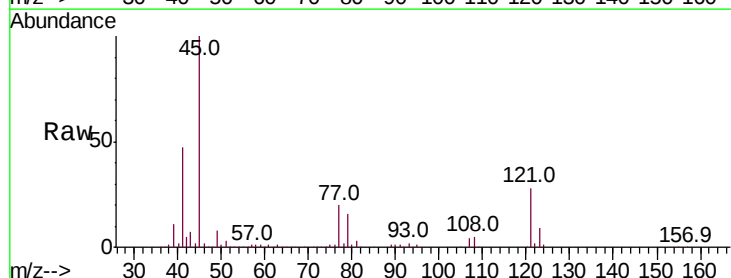
Tgt Ion: 45 Resp: 505294

Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

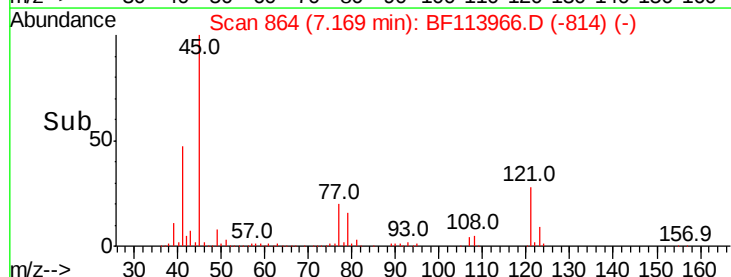
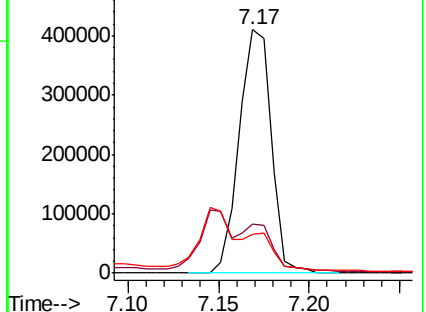
79 15.9 0.0 32.7

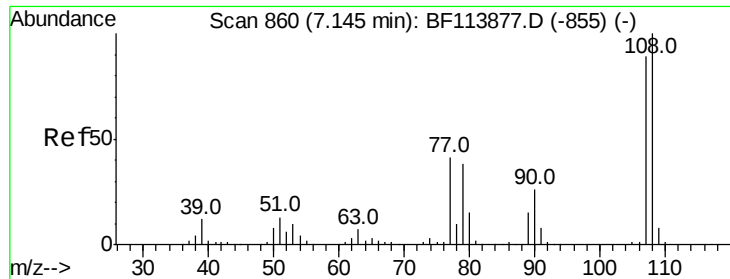


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

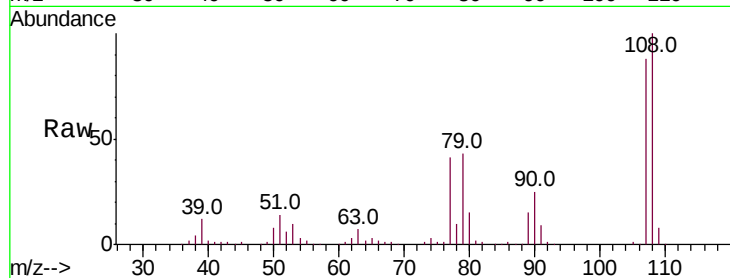




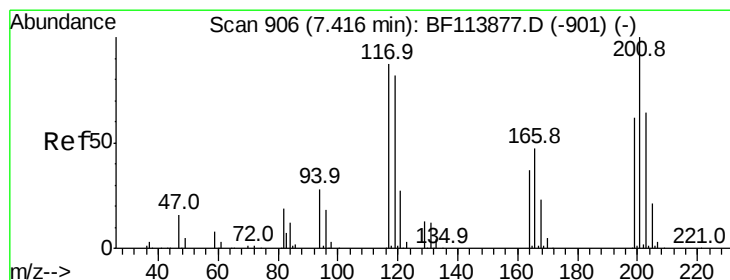
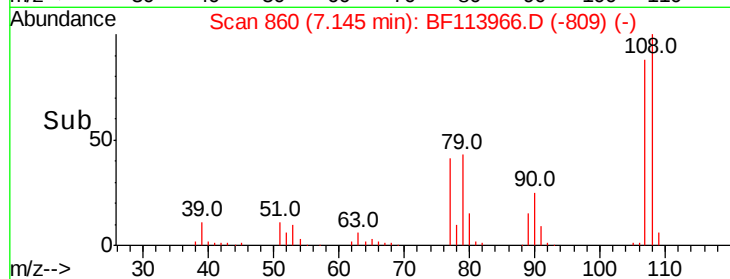
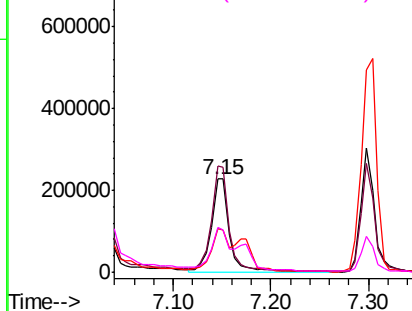
#17
2-Methylphenol
Concen: 34.463 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:	107	Resp:	298197
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.5	137.3
77	46.5	36.2	54.4
79	48.5	35.4	53.0

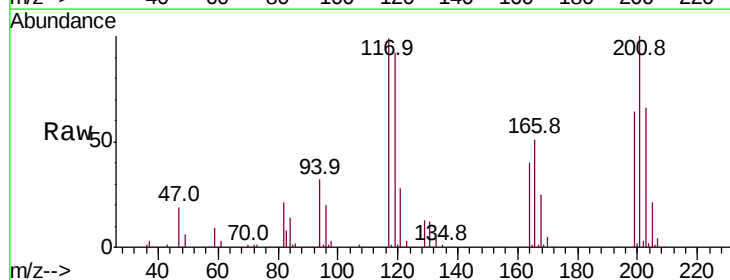


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

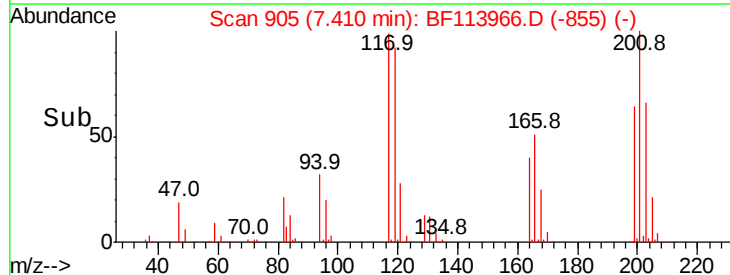
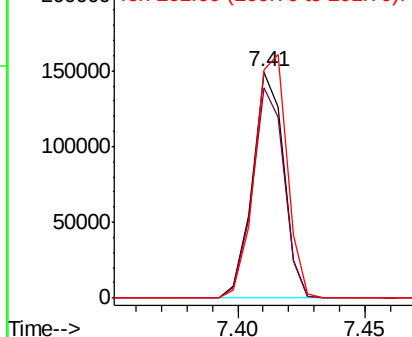


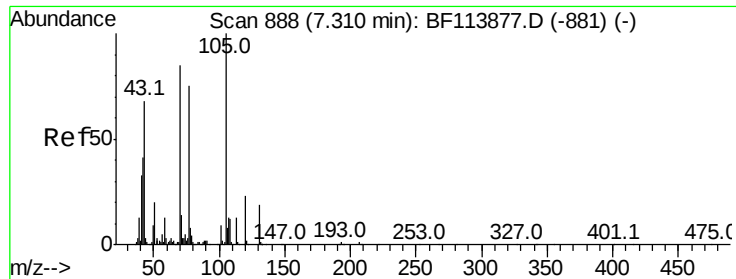
#18
Hexachloroethane
Concen: 32.583 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:	117	Resp:	128435
Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.4	111.6
201	101.2	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E
100000
50000
0

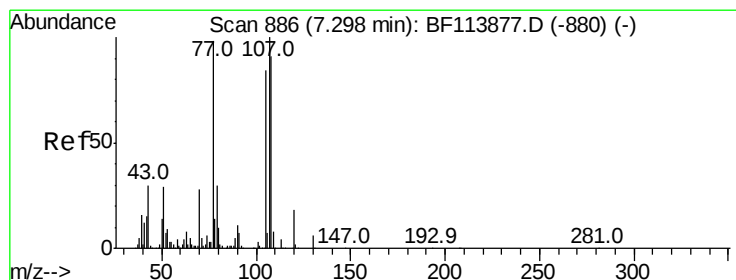
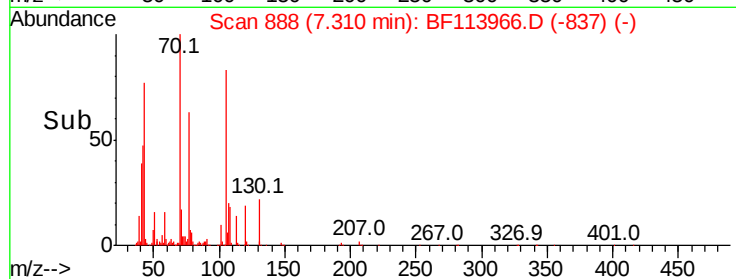
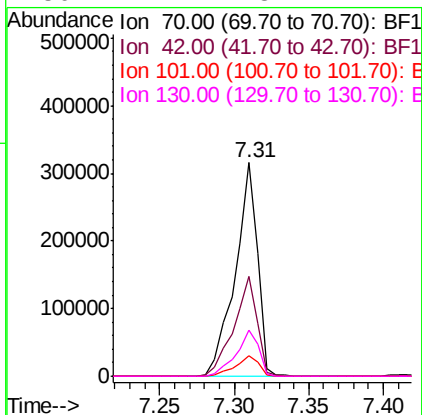
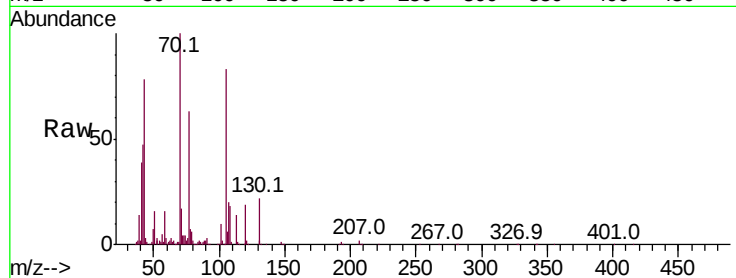




#19
n-Nitroso-di-n-propylamine
Concen: 47.080 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

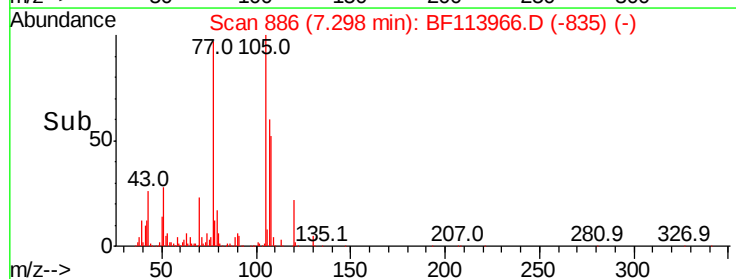
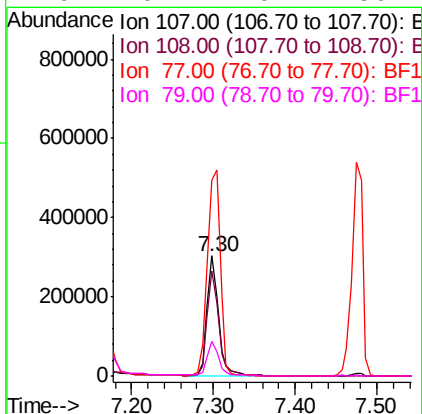
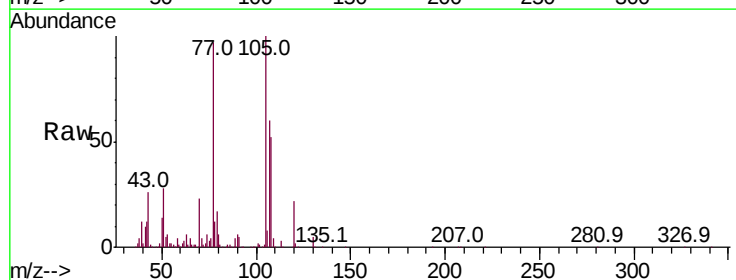
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

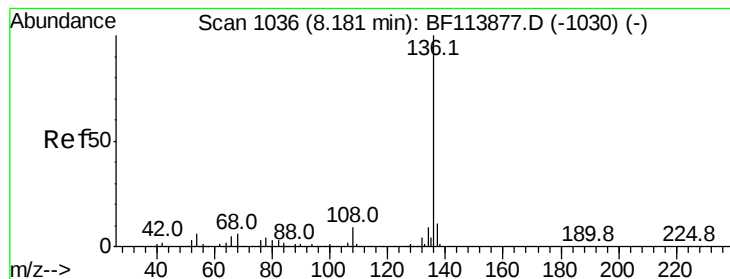
Tot Ion:	70	Resp:	330716
Ion	Ratio	Lower	Upper
70	100		
42	46.9	37.3	55.9
101	9.8	7.8	11.8
130	21.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 30.472 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:	107	Resp:	297890
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.1	110.1
77	162.7	52.9	92.9#
79	29.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

Tot Ion:136 Resp: 571578

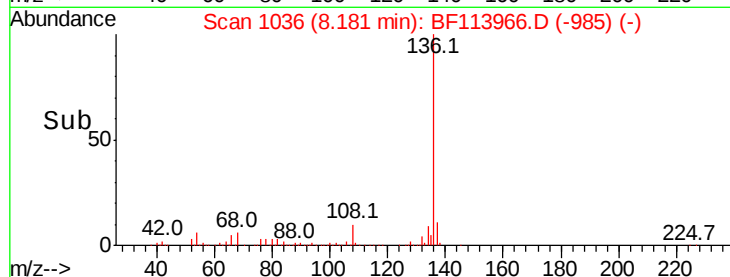
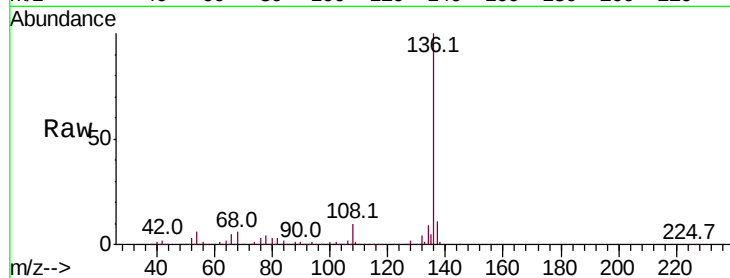
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.1 5.0 7.6

68 5.7 4.9 7.3

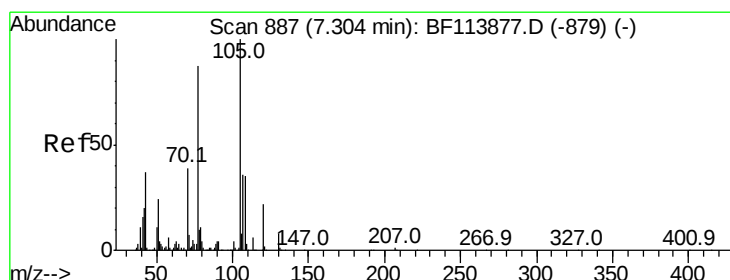
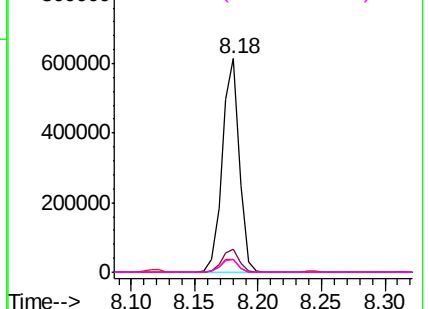


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.519 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Tgt Ion:105 Resp: 629863

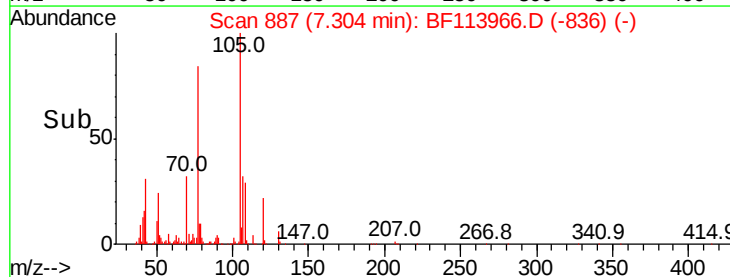
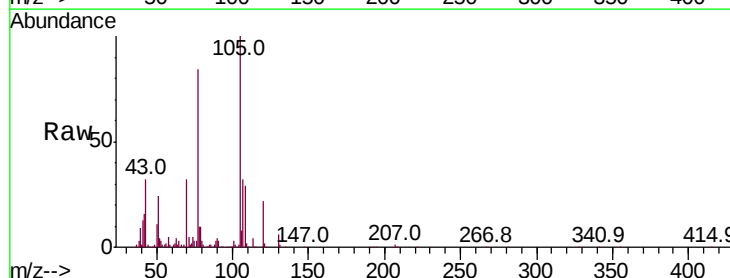
Ion Ratio Lower Upper

105 100

71 5.4 6.1 9.1#

51 23.6 16.8 25.2

120 22.2 17.6 26.4

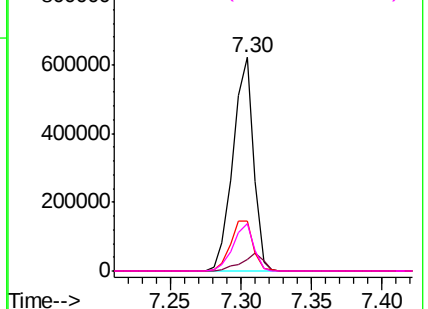


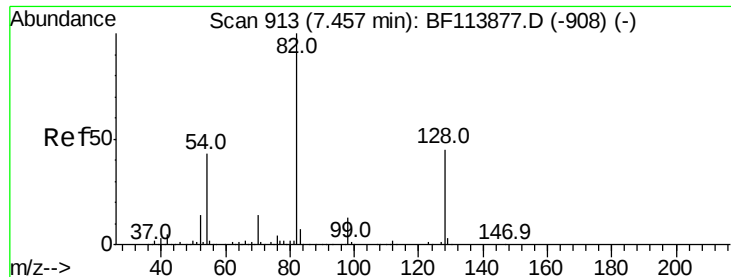
Abundance Ion 105.00 (104.70 to 105.70): E

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

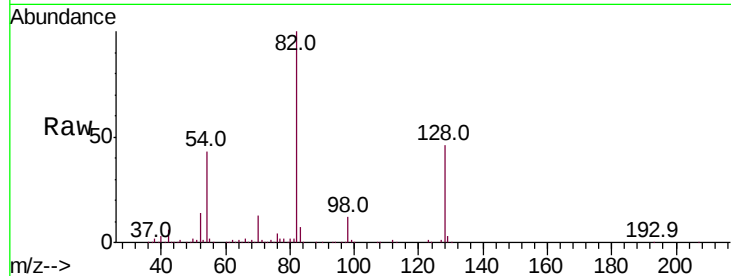




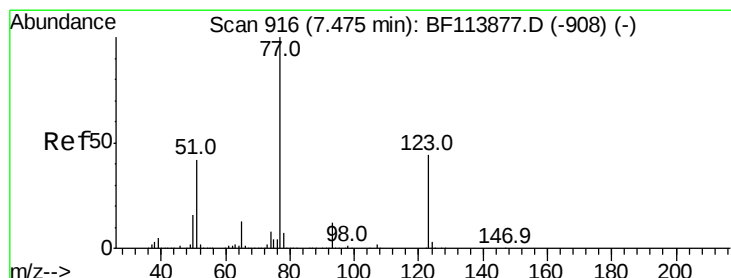
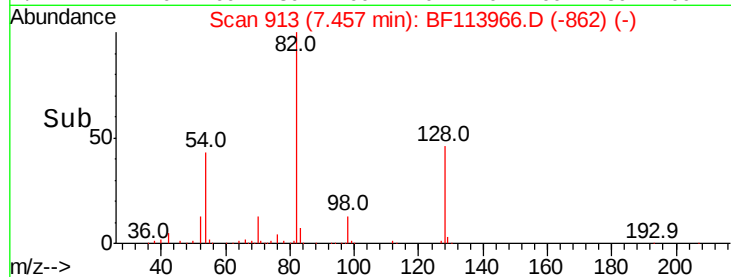
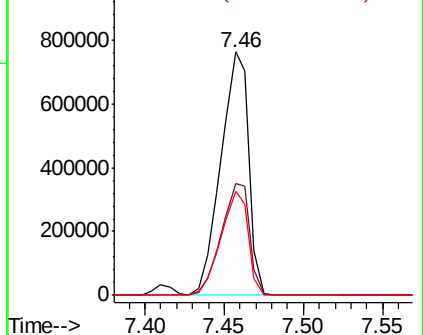
#23
 Nitrobenzene-d5
 Concen: 100.428 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion	82	Resp	929689
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.8	55.2
54	42.9	33.8	50.6

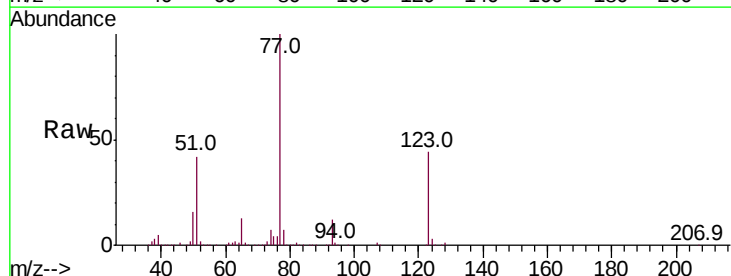


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

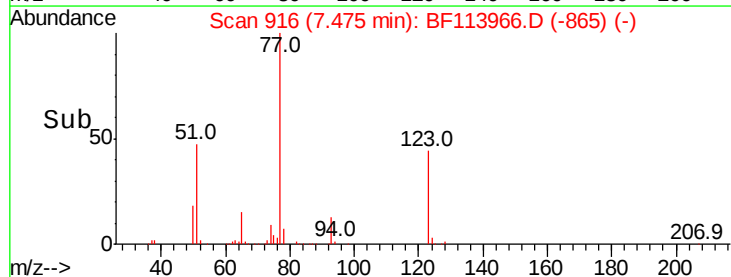
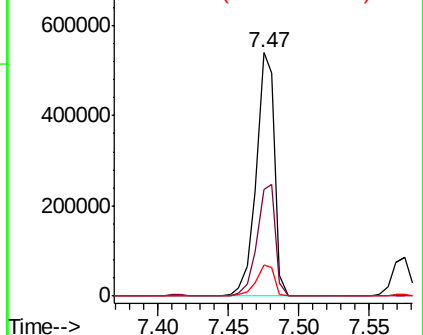


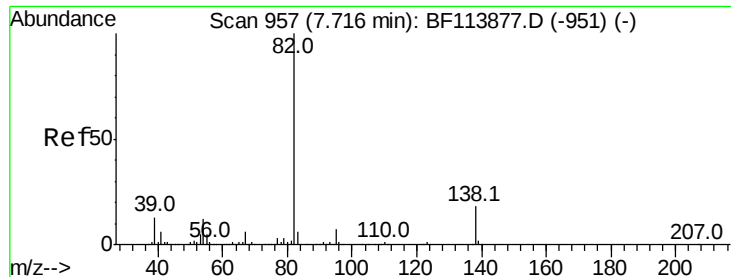
#24
 Nitrobenzene
 Concen: 48.385 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion	77	Resp	494926
Ion Ratio	Lower	Upper	
77	100		
123	43.7	36.3	54.5
65	13.0	10.3	15.5



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: 47.354 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

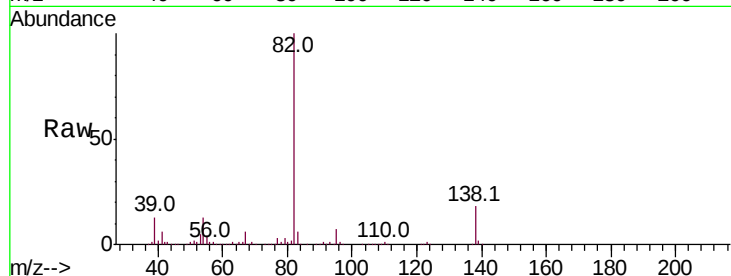
Tot Ion: 82 Resp: 896967

Ion Ratio Lower Upper

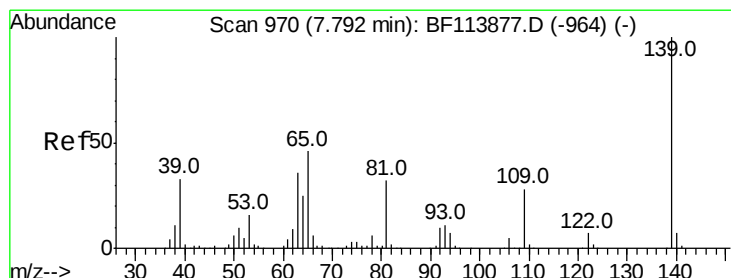
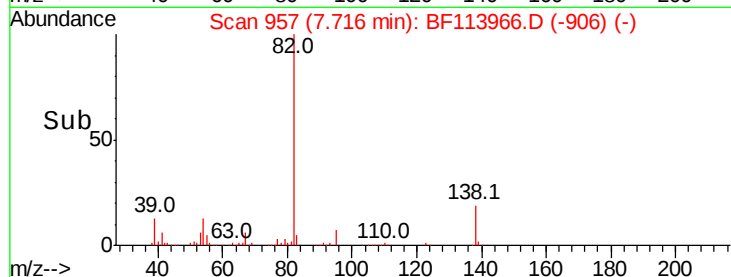
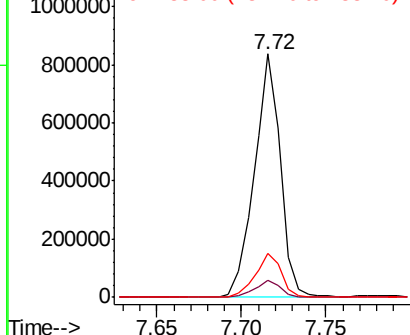
82 100

95 6.9 5.4 8.2

138 18.2 14.6 22.0



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: 49.647 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

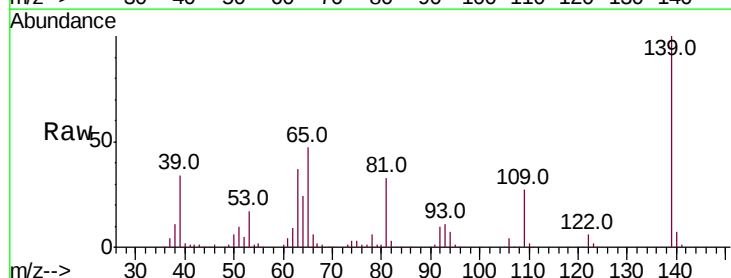
Tgt Ion: 139 Resp: 231674

Ion Ratio Lower Upper

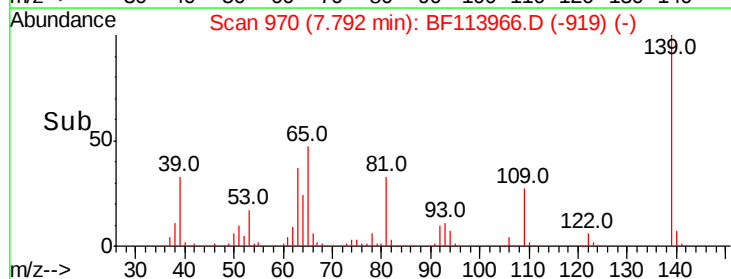
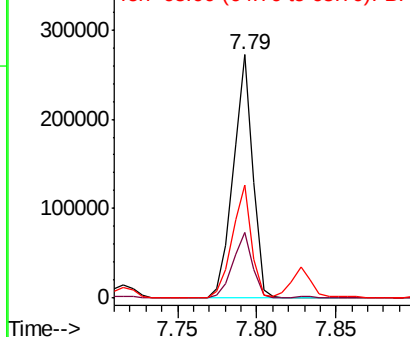
139 100

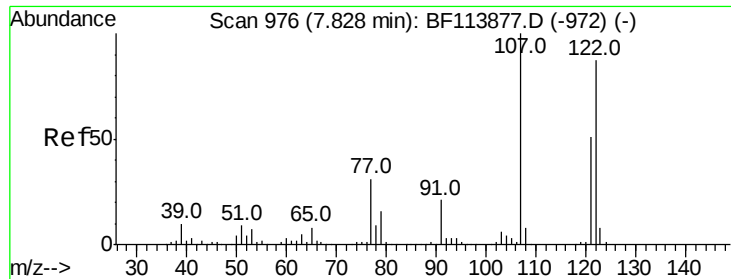
109 27.1 20.6 31.0

65 46.7 34.6 52.0



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

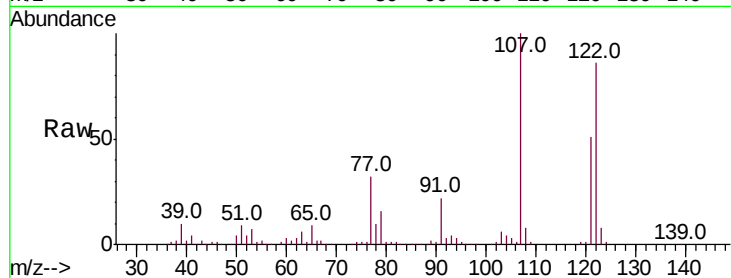




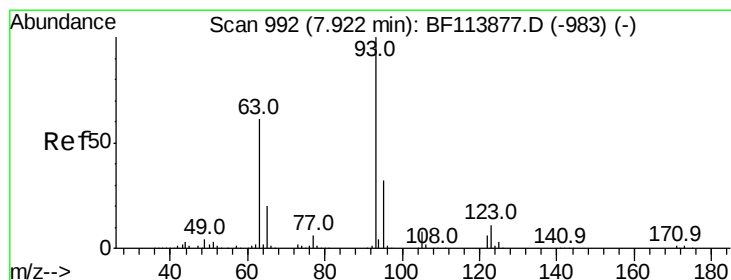
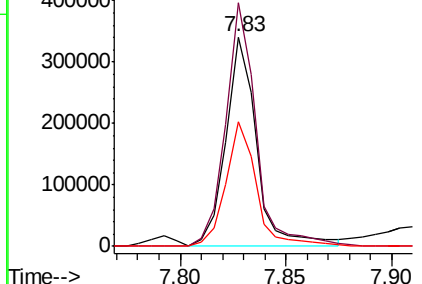
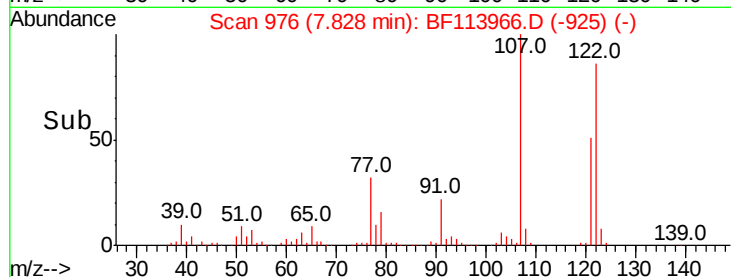
#27
 2,4-Dimethylphenol
 Concen: 44.916 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion:122 Resp: 341489
 Ion Ratio Lower Upper
 122 100
 107 116.1 91.2 136.8
 121 59.6 46.4 69.6

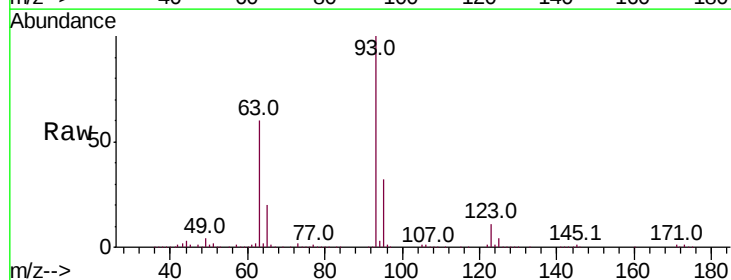


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

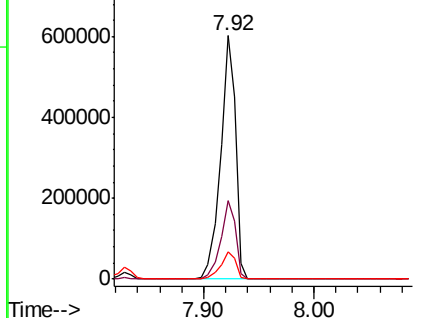
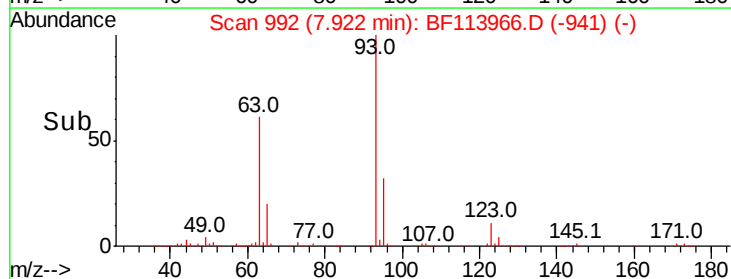


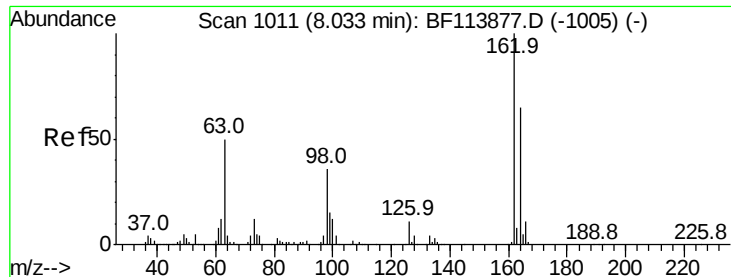
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.100 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion: 93 Resp: 568503
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 11.1 9.0 13.6



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

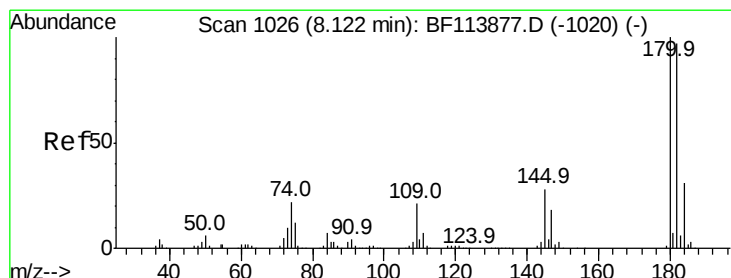
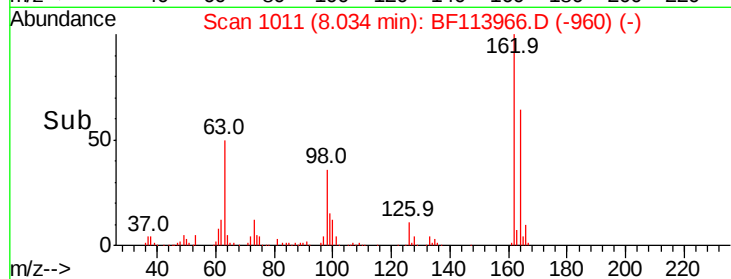
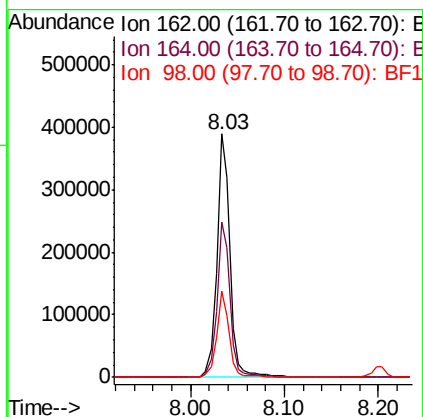
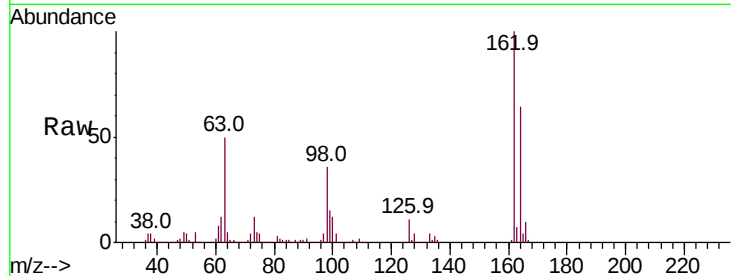




#29
 2,4-Dichlorophenol
 Concen: 43.753 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

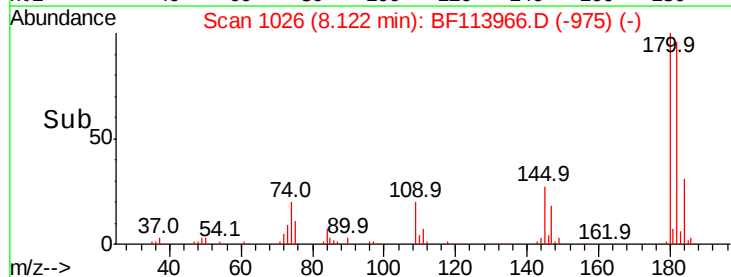
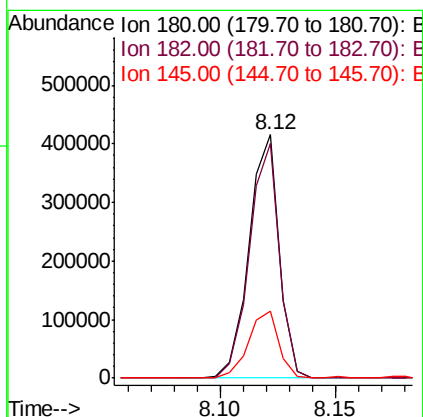
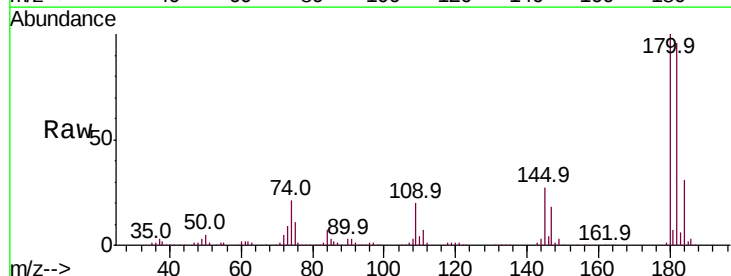
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

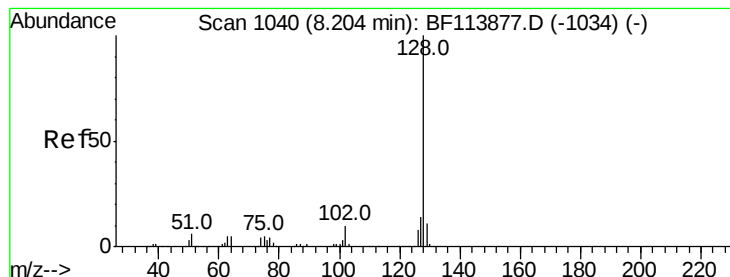
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.7	83.7
98	35.6	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.068 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	27.4	23.0	34.4





#31

Naphthalene

Concen: 43.759 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

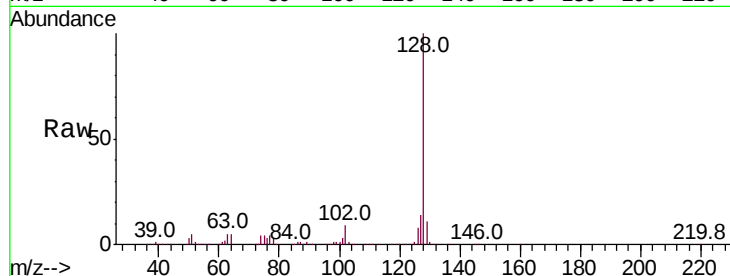
Tot Ion:128 Resp: 1188194

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

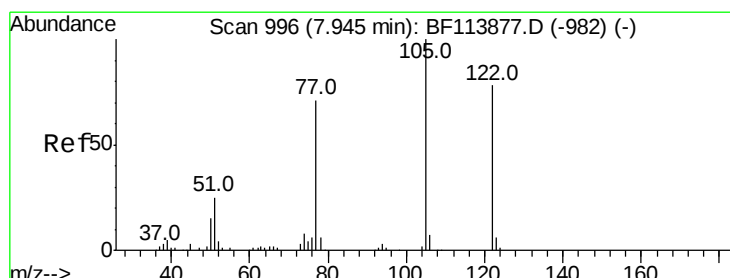
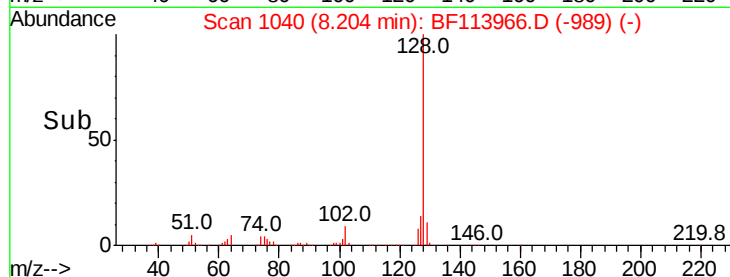
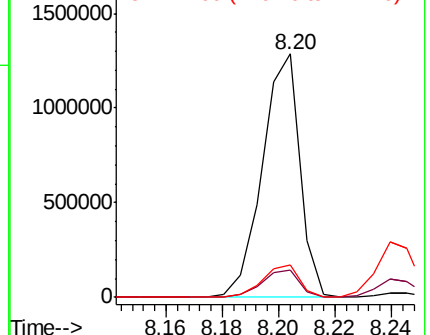
127 13.6 10.8 16.2



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: 11.134 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.04 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

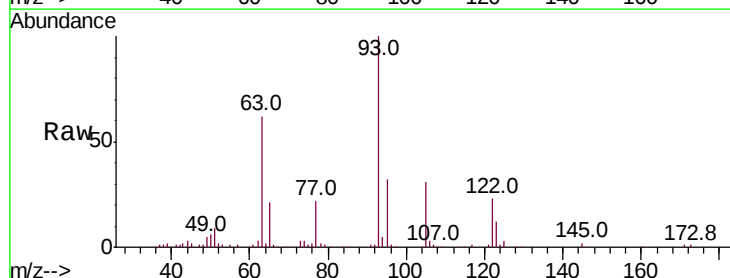
Tgt Ion:122 Resp: 57164

Ion Ratio Lower Upper

122 100

105 132.4 104.3 144.3

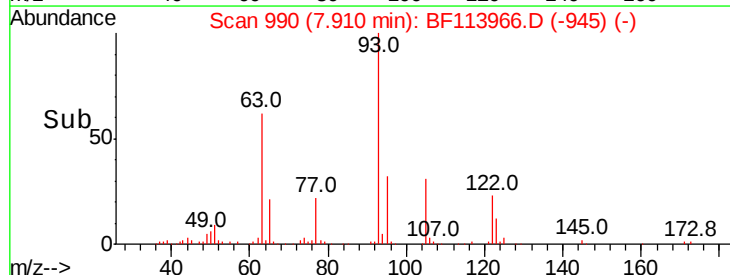
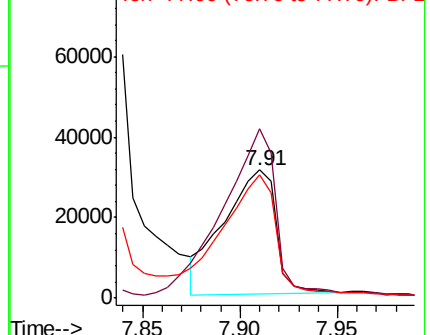
77 96.0 70.4 110.4

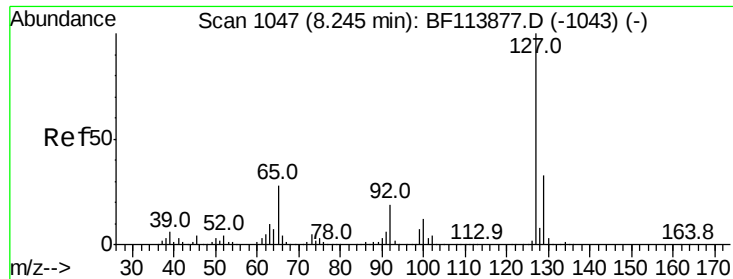


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

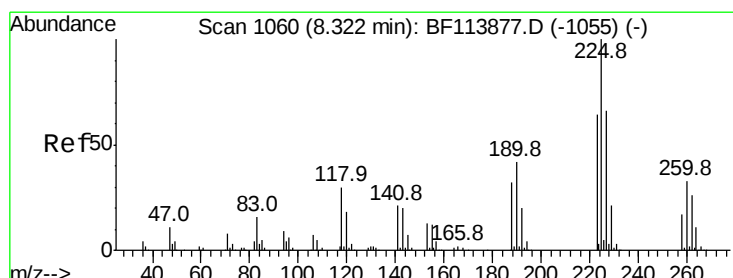
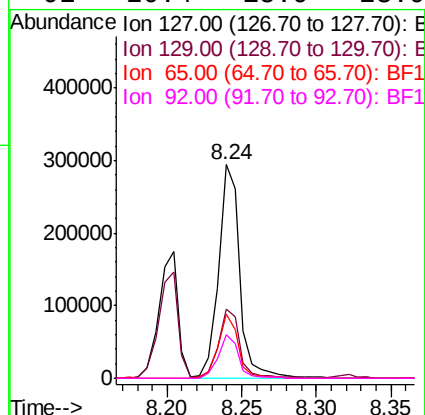
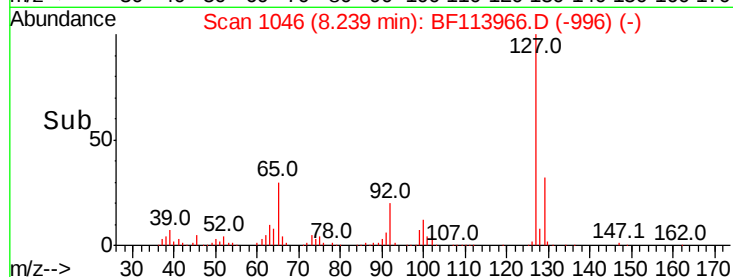
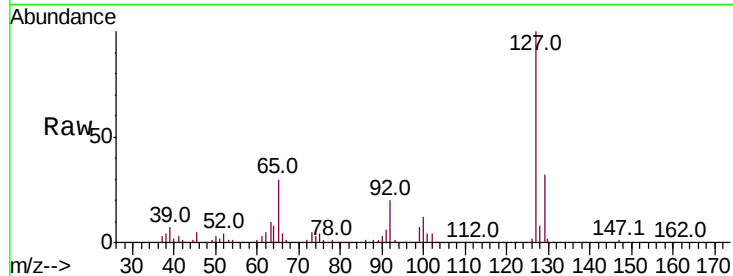




#33
4-Chloroaniline
Concen: 25.363 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

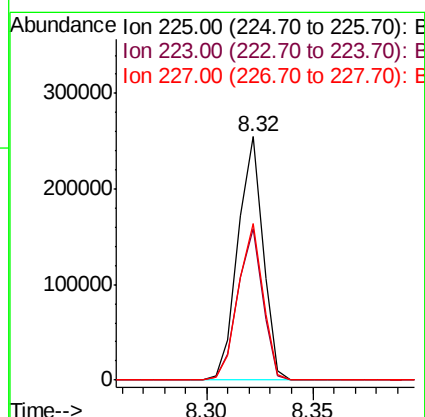
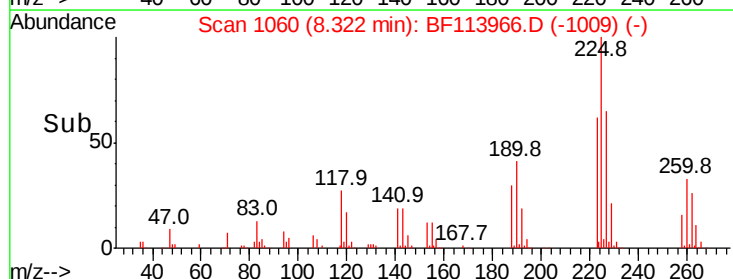
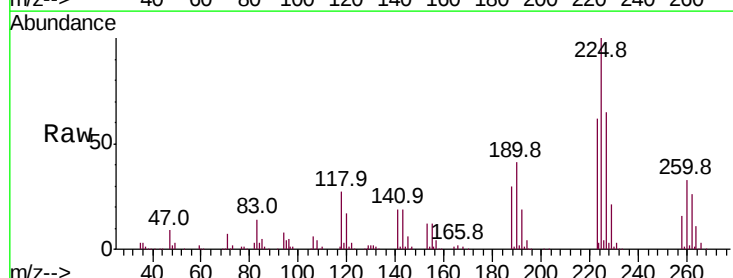
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

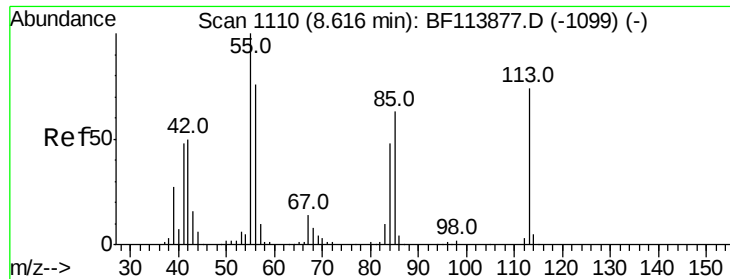
Tot Ion:	127	Resp:	291405
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	30.0	24.9	37.3
92	20.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 34.465 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:	225	Resp:	208277
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	64.6	49.9	74.9





#35

Caprolactam

Concen: 9.216 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

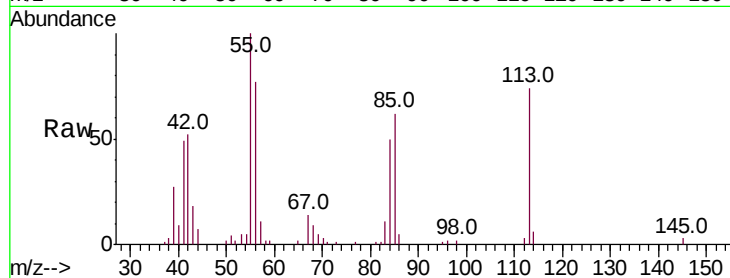
Tot Ion:113 Resp: 25489

Ion Ratio Lower Upper

113 100

55 136.0 128.6 168.6

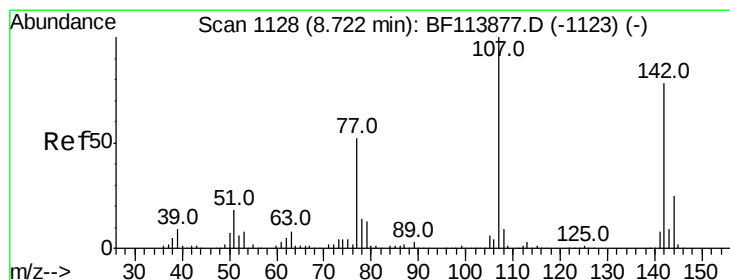
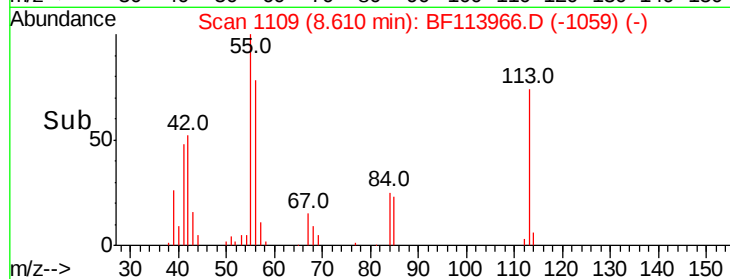
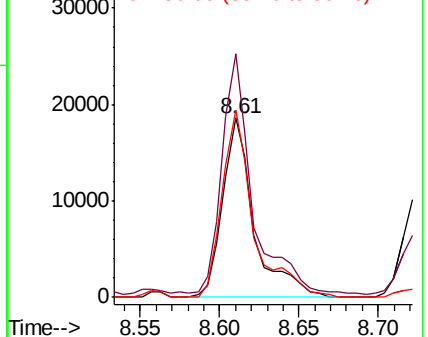
56 104.5 91.9 131.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.461 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

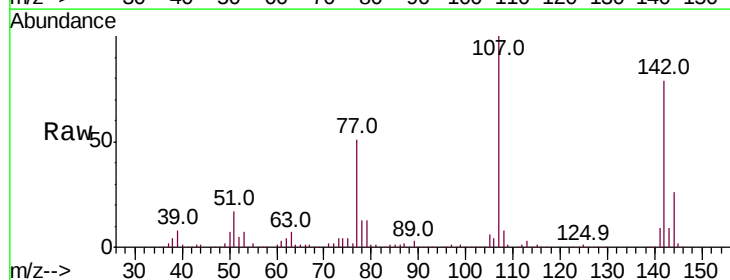
Tgt Ion:107 Resp: 357122

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

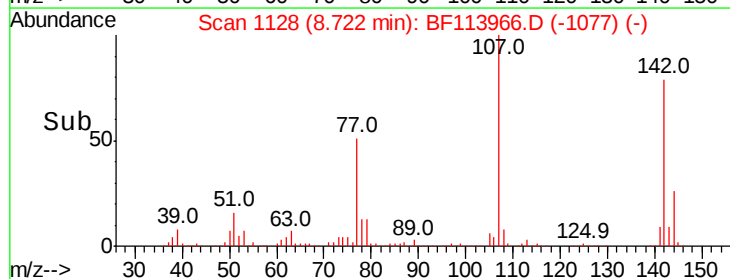
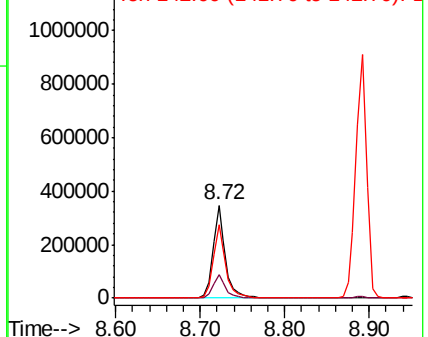
142 79.3 64.2 96.4

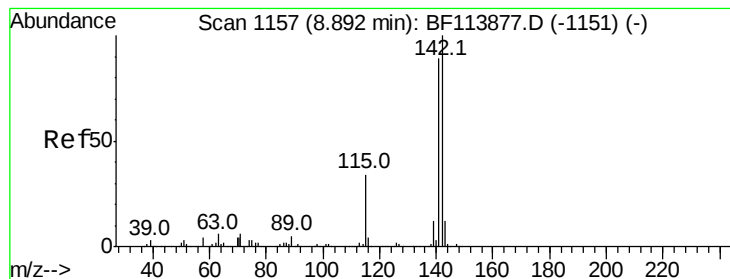


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.842 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

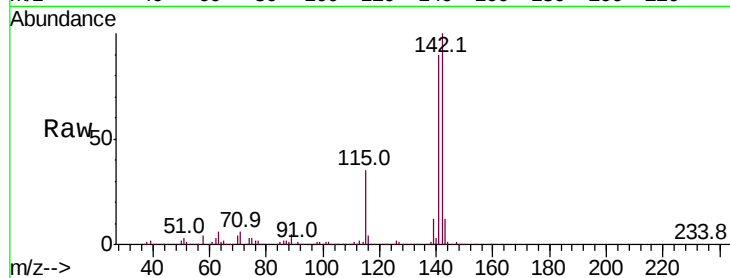
Tot Ion:142 Resp: 821074

Ion Ratio Lower Upper

142 100

141 89.5 70.4 105.6

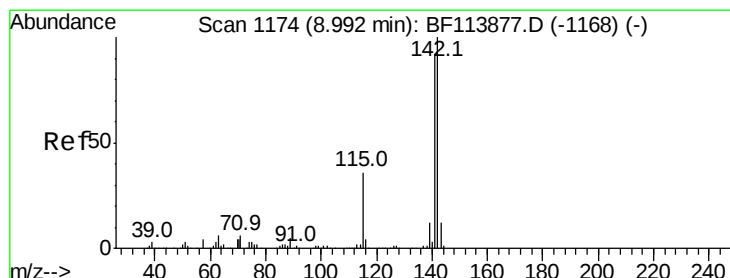
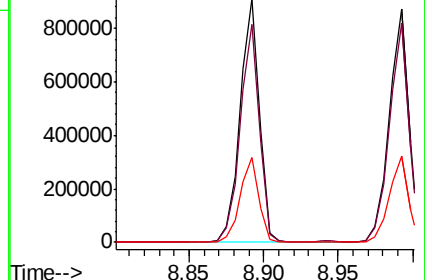
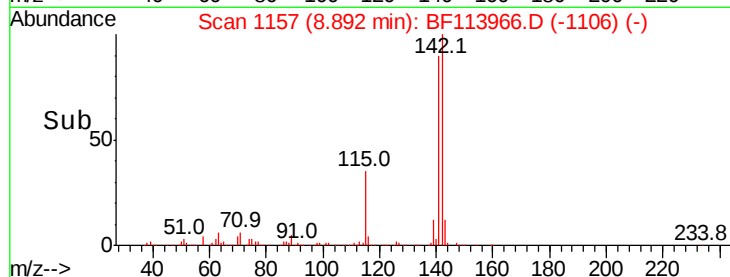
115 34.7 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.813 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

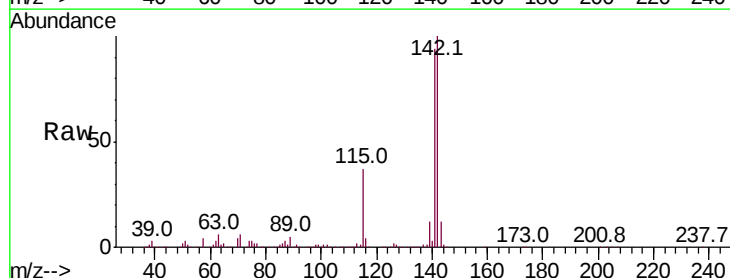
Tgt Ion:142 Resp: 774286

Ion Ratio Lower Upper

142 100

141 94.1 72.3 108.5

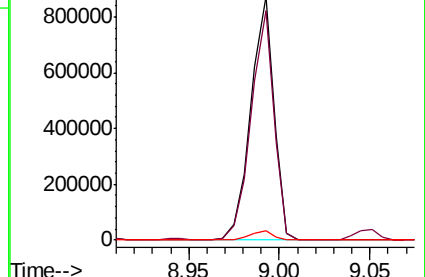
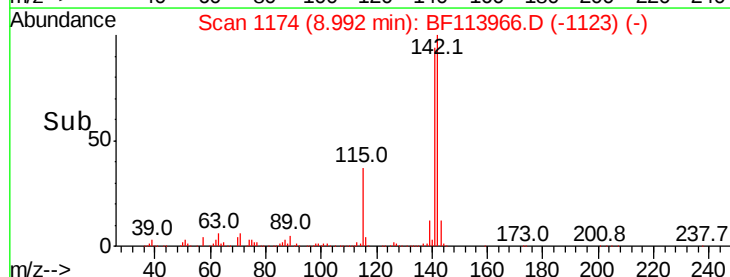
116 3.8 3.0 4.4

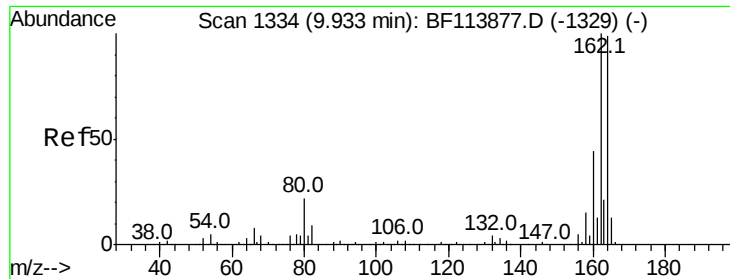


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

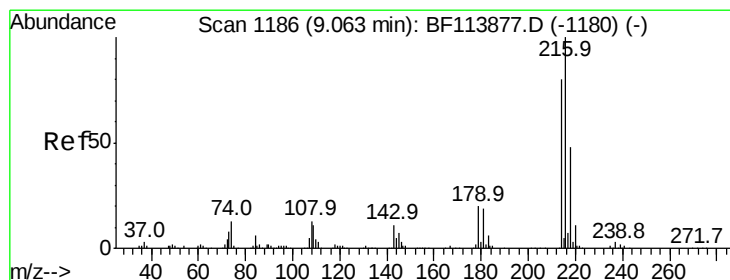
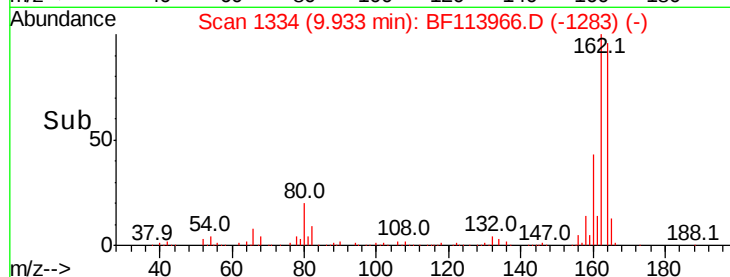
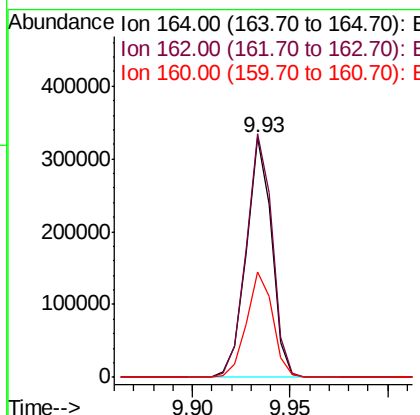
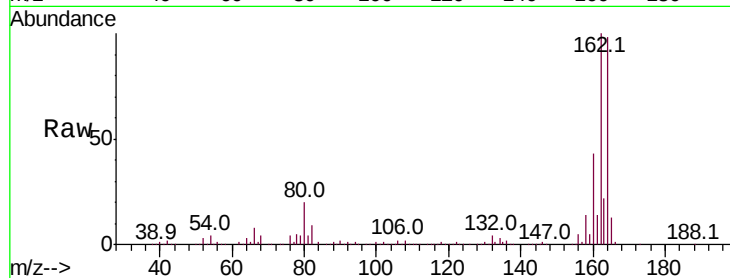




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

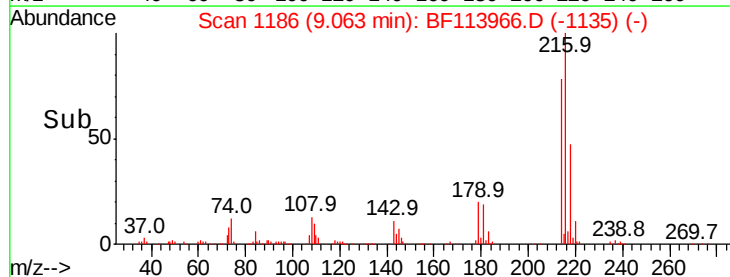
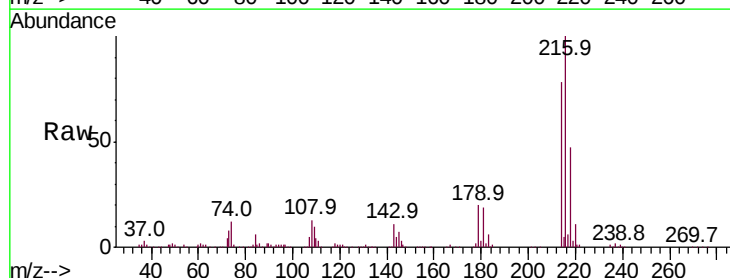
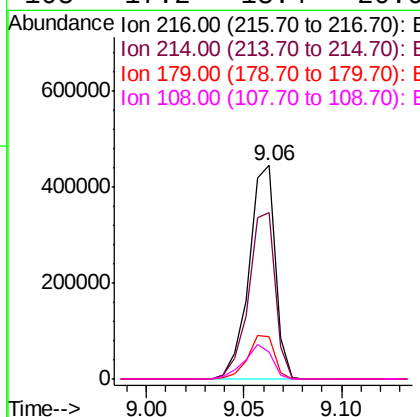
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

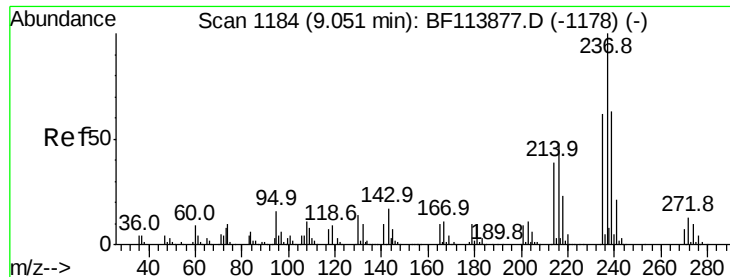
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	44.1	35.8	53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.387 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	20.7	16.1	24.1
108	17.2	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 61.361 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

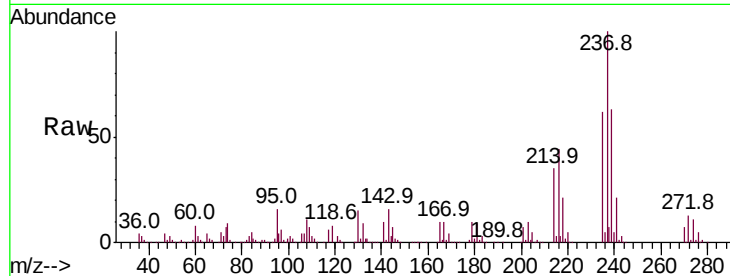
Tot Ion:237 Resp: 328193

Ion Ratio Lower Upper

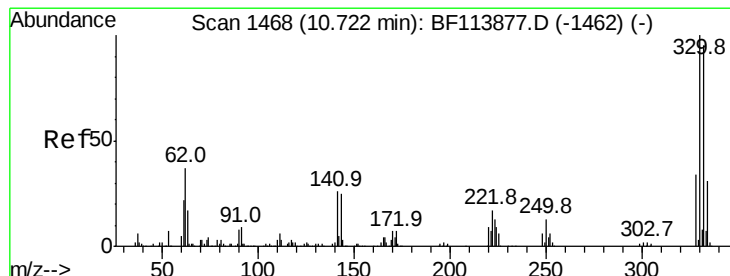
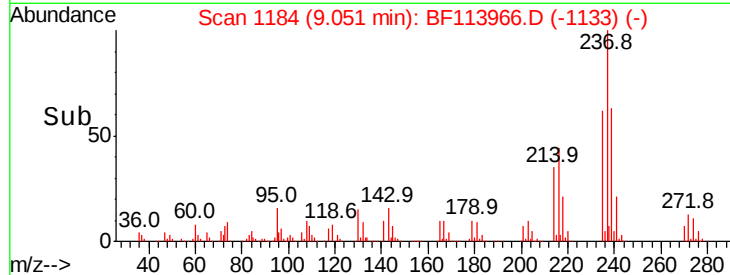
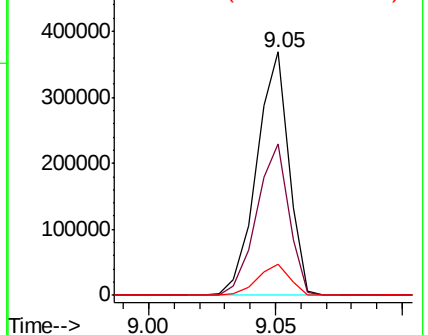
237 100

235 62.4 42.6 82.6

272 12.9 0.0 33.8



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: 129.381 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

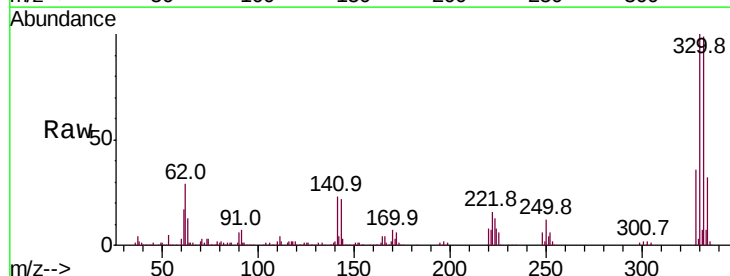
Tgt Ion:330 Resp: 465386

Ion Ratio Lower Upper

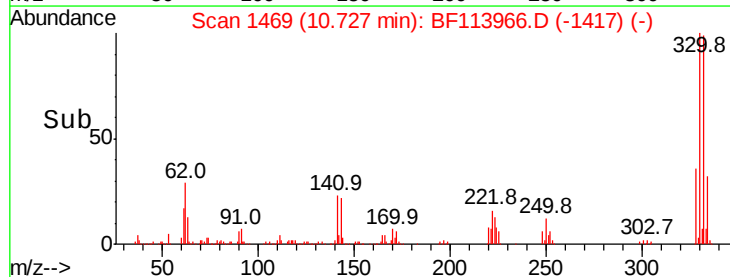
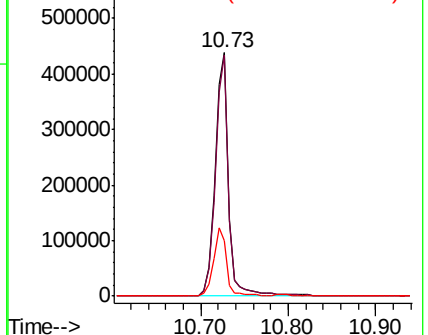
330 100

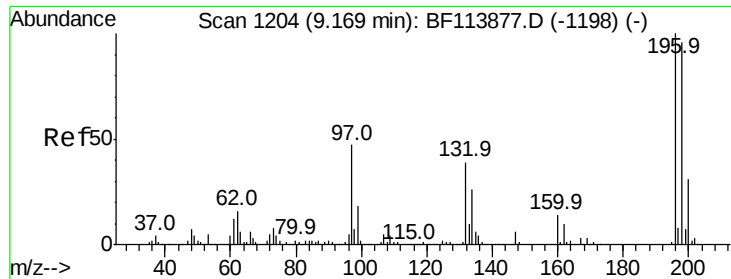
332 97.1 77.5 116.3

141 27.4 22.2 33.2



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

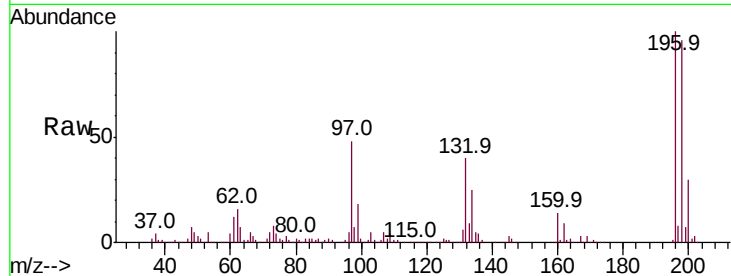




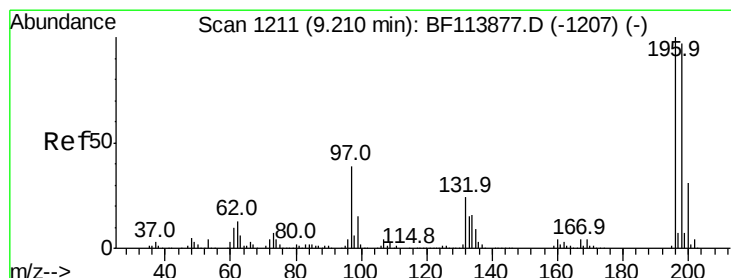
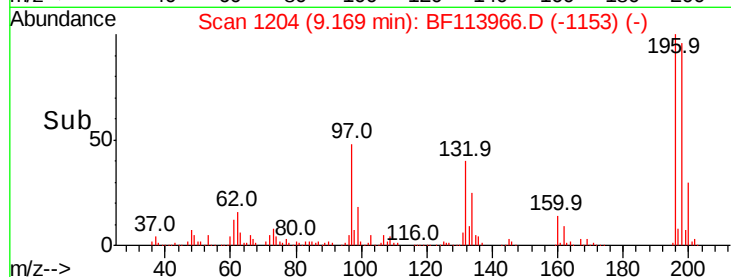
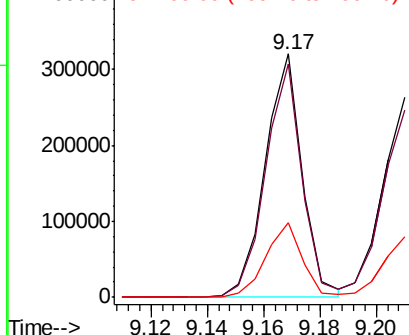
#43
 2,4,6-Trichlorophenol
 Concen: 47.683 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion:196 Resp: 290414
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.6 113.4
 200 30.4 24.7 37.1



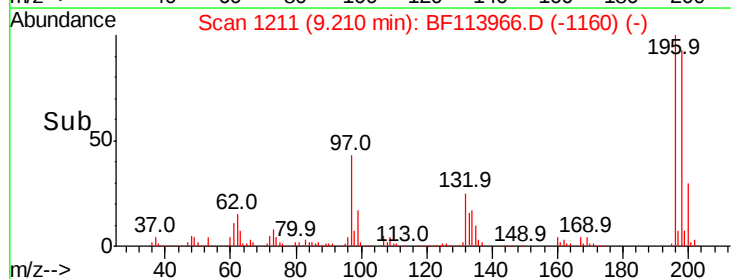
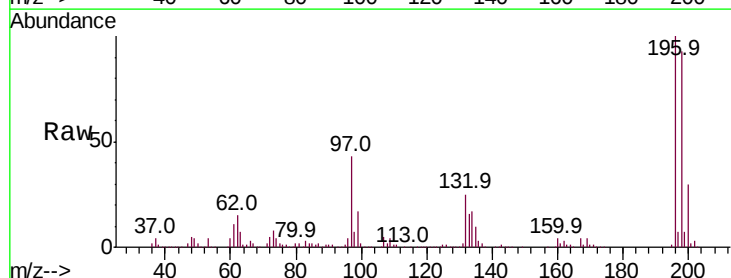
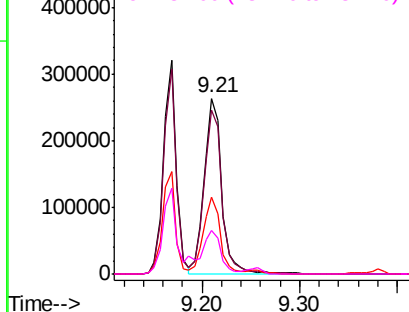
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

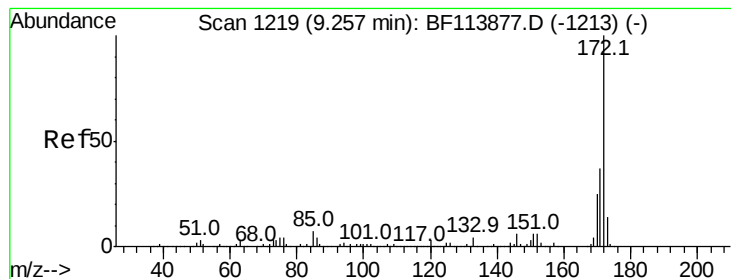


#44
 2,4,5-Trichlorophenol
 Concen: 48.139 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion:196 Resp: 328859
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 97 43.4 35.8 53.8
 132 24.9 20.9 31.3

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: 94.022 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

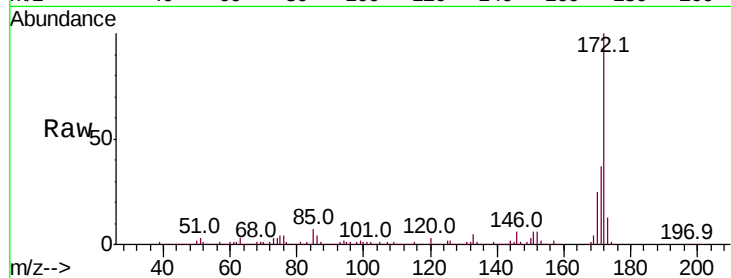
Tot Ion:172 Resp: 1775048

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

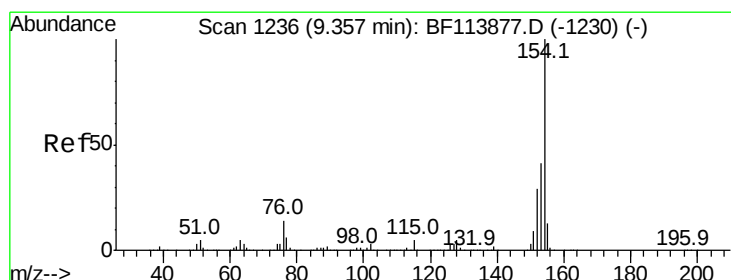
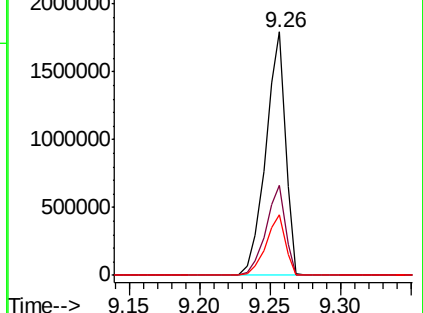
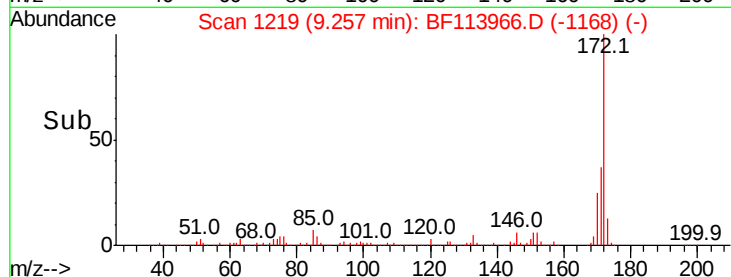
170 24.9 19.9 29.9



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: 47.088 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

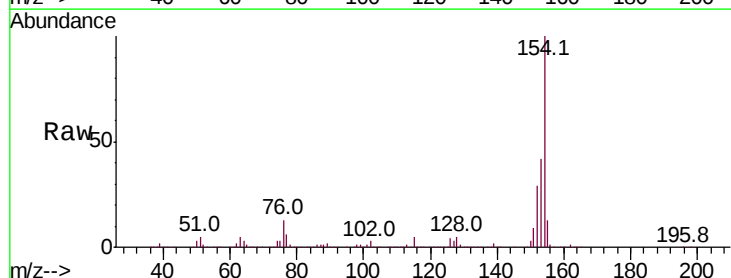
Tgt Ion:154 Resp: 1062146

Ion Ratio Lower Upper

154 100

153 41.5 20.8 60.8

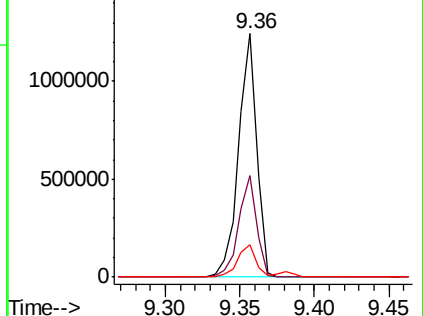
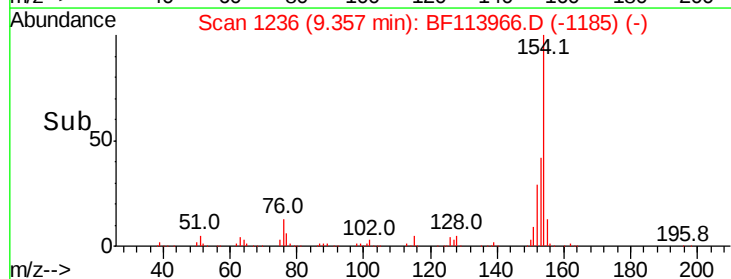
76 13.4 0.0 35.2

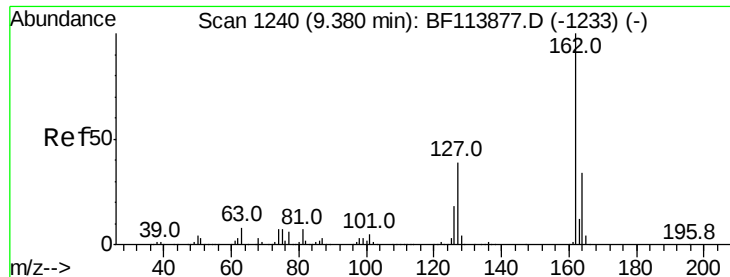


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

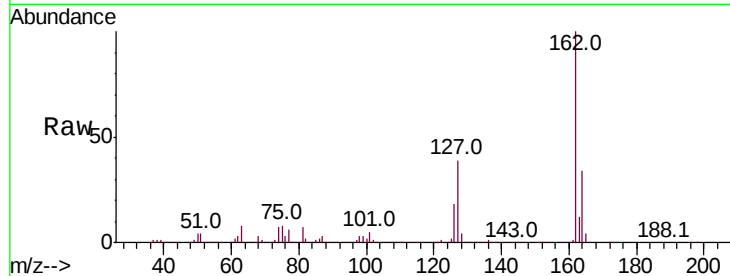




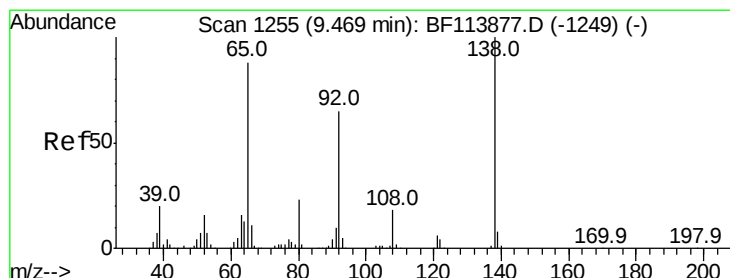
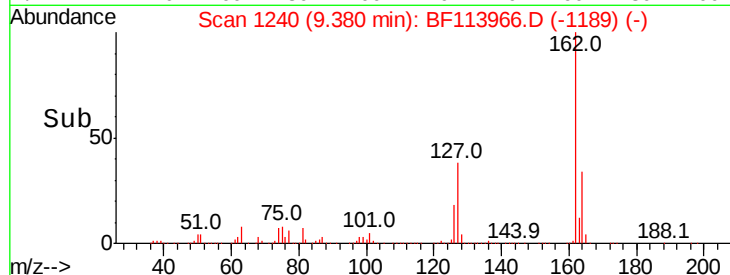
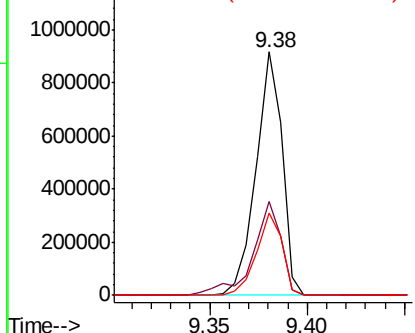
#47
 2-Chloronaphthalene
 Concen: 46.287 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion:	162	Resp:	849061
Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.3	43.9
164	33.8	27.1	40.7

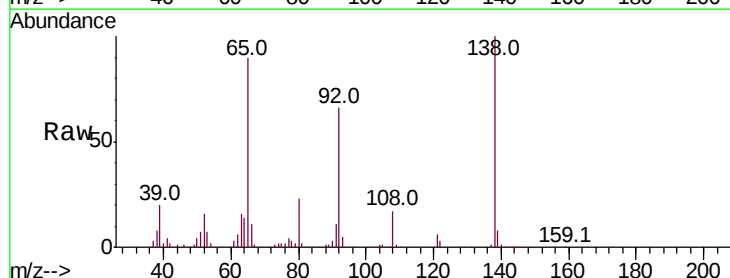


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

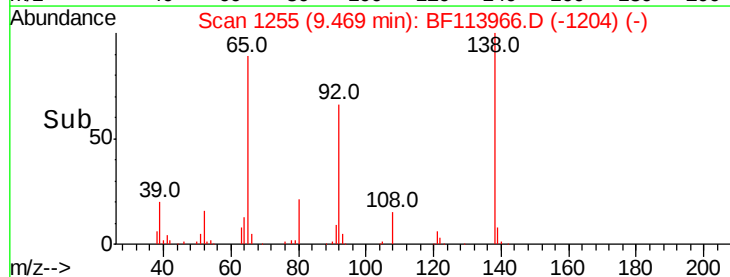
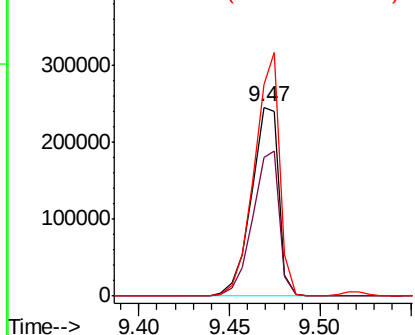


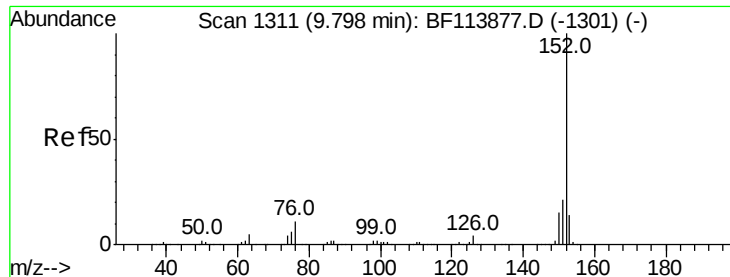
#48
 2-Nitroaniline
 Concen: 53.506 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion:	65	Resp:	257293
Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.4	86.0
138	111.7	85.4	128.0



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

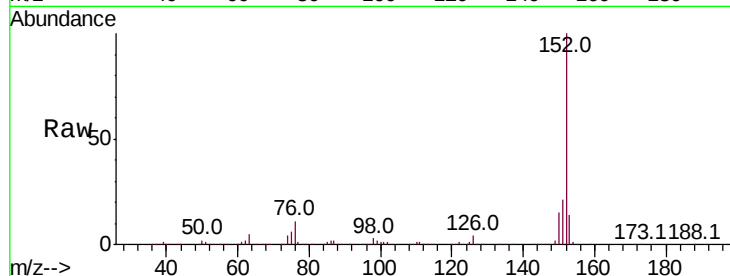




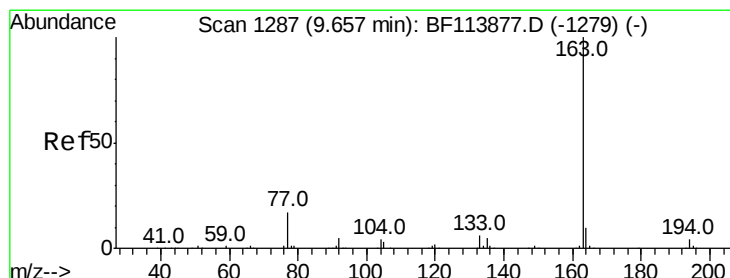
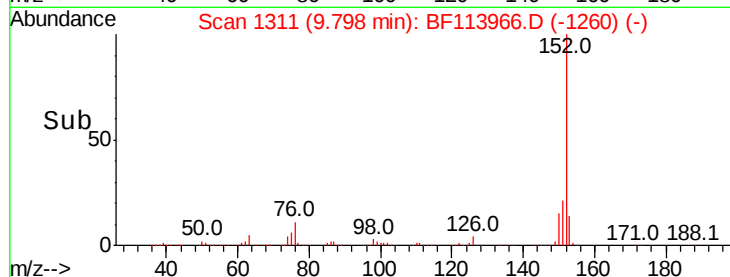
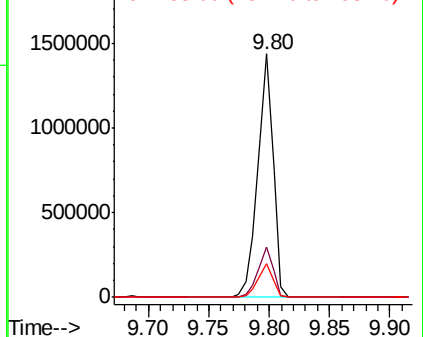
#49
Acenaphthylene
Concen: 45.174 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:152 Resp: 1297259
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.7 11.0 16.6

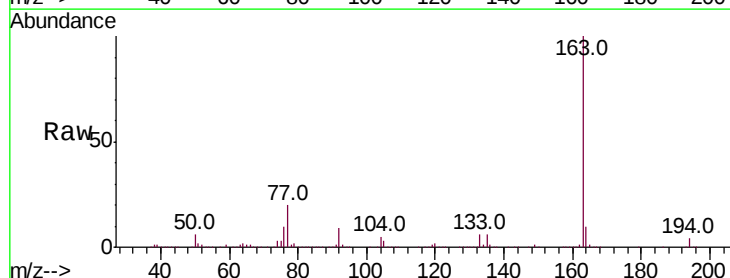


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

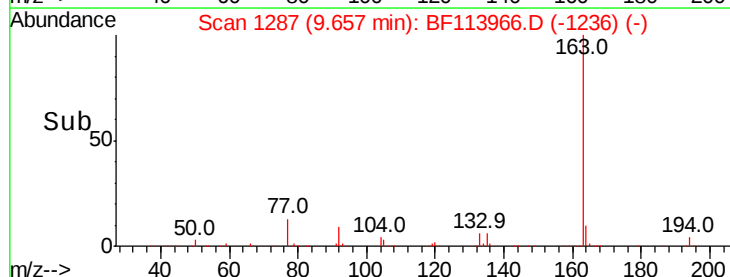
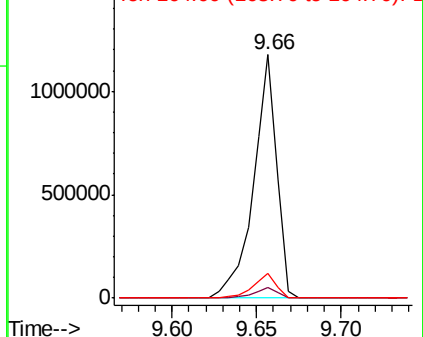


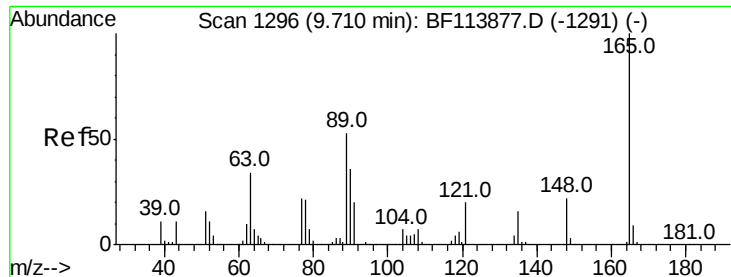
#50
Dimethylphthalate
Concen: 52.720 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:163 Resp: 1125819
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.5 12.7



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

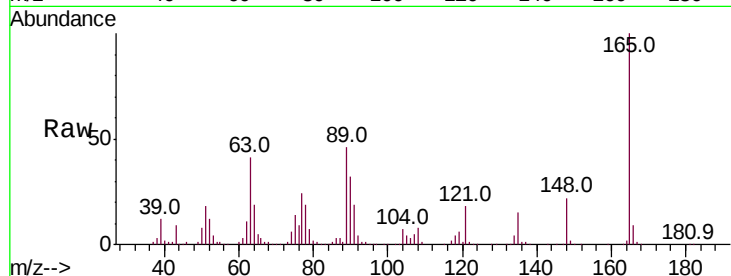




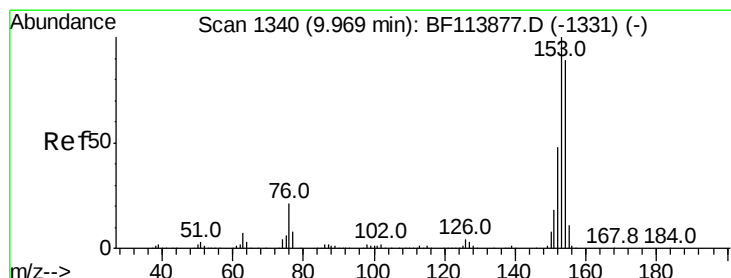
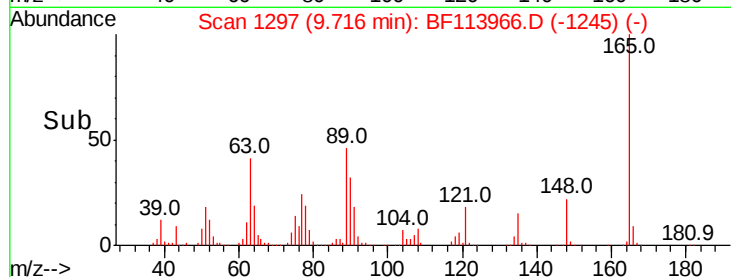
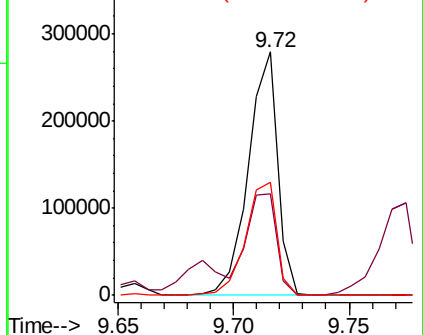
#51
 2,6-Dinitrotoluene
 Concen: 54.360 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.8	50.8
89	46.5	38.2	57.2

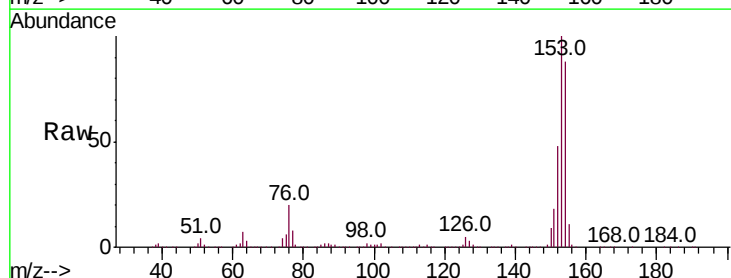


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

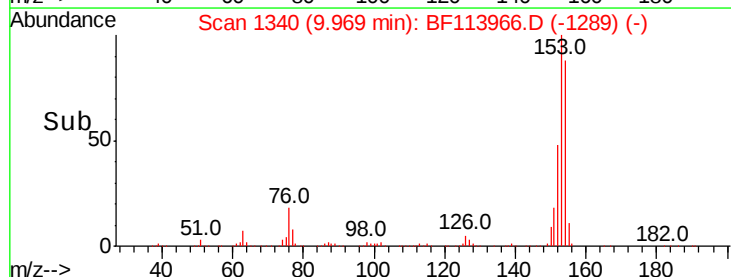
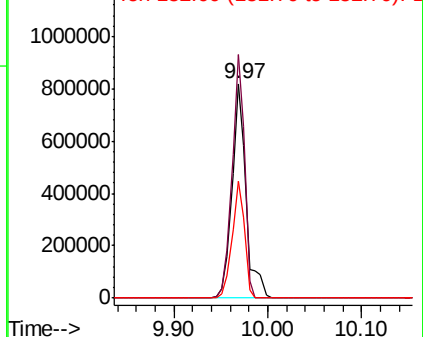


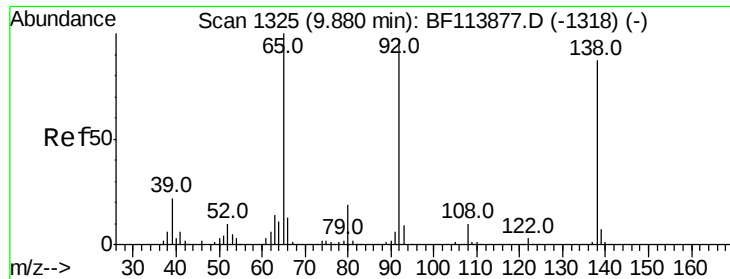
#52
 Acenaphthene
 Concen: 50.215 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.2	130.8
152	54.3	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

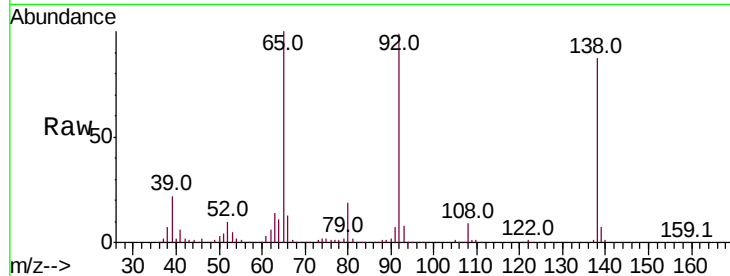




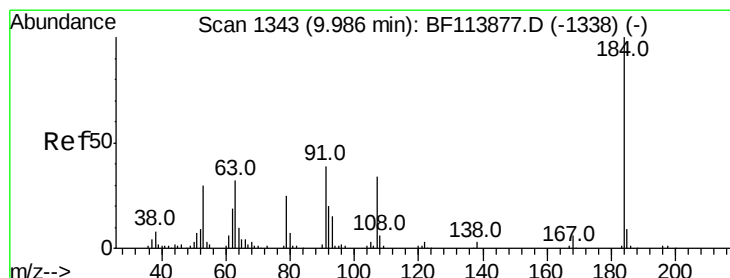
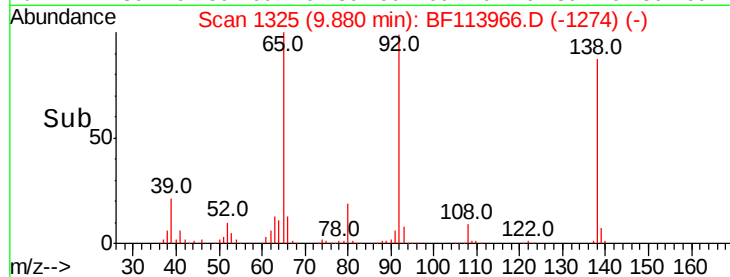
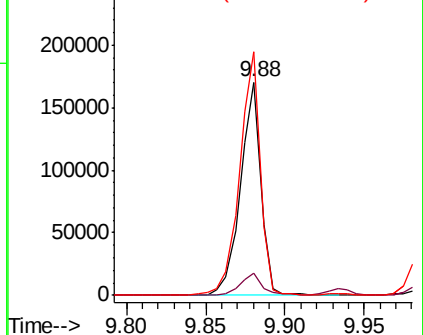
#53
3-Nitroaniline
Concen: 31.626 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:138 Resp: 152254
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.2
92 114.1 94.1 141.1

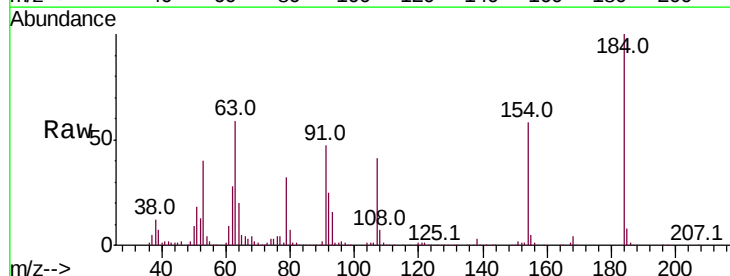


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

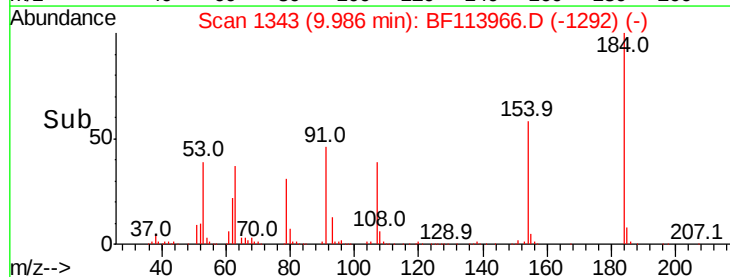
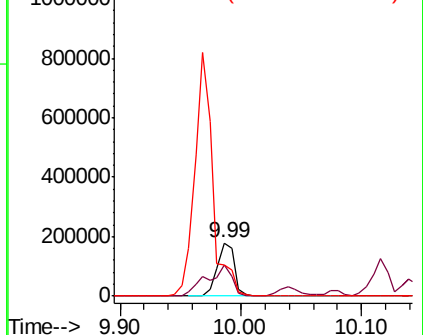


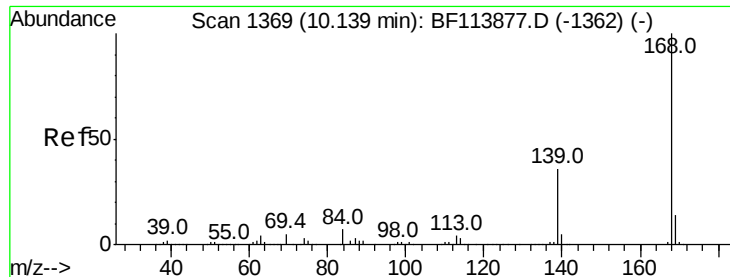
#54
2,4-Dinitrophenol
Concen: 87.702 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:184 Resp: 175610
Ion Ratio Lower Upper
184 100
63 59.4 54.6 81.8
154 58.2 218.6 328.0#



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

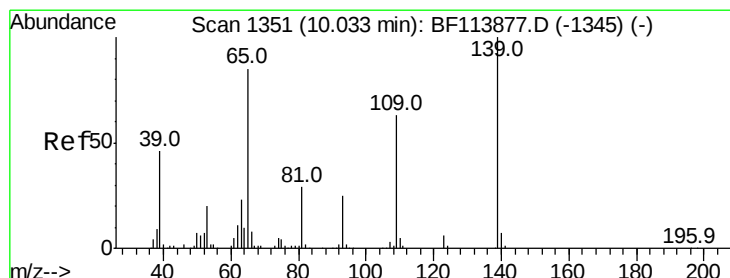
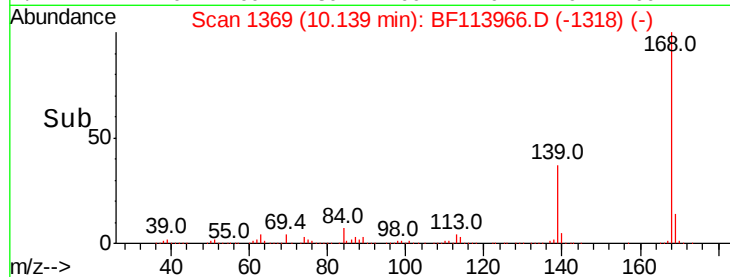
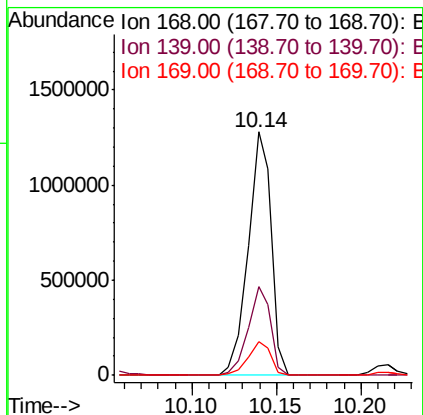
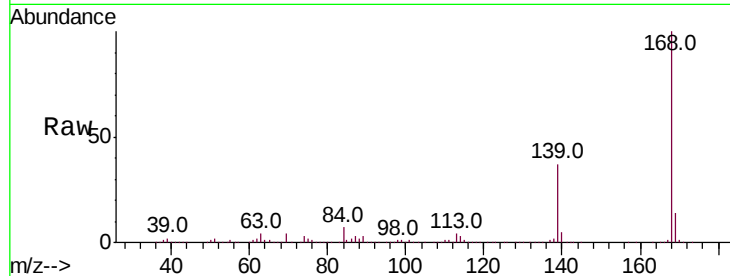




#55
Dibenzofuran
Concen: 48.123 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

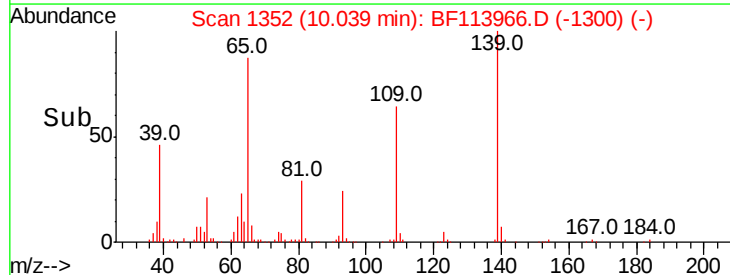
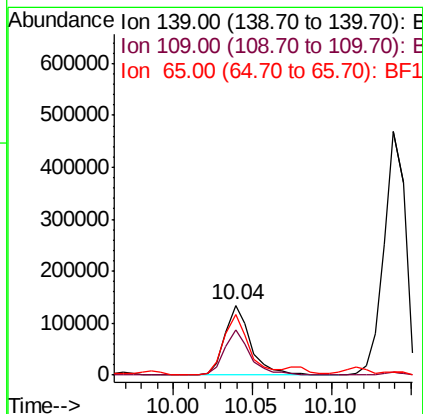
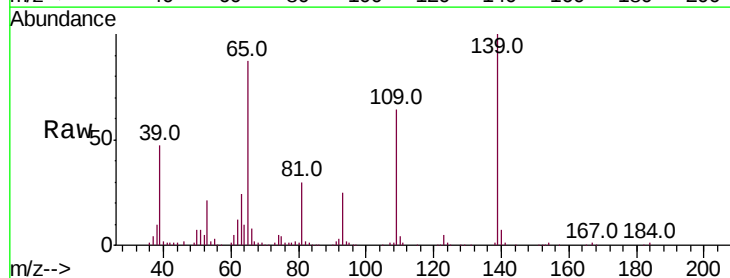
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

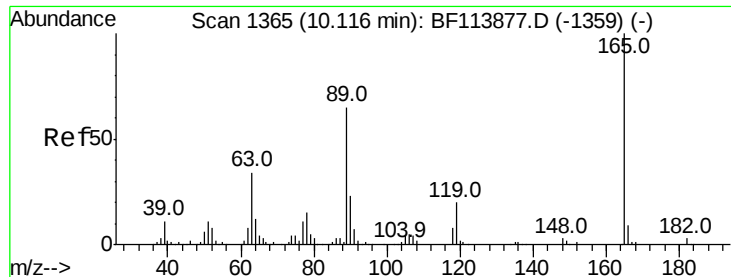
Tot Ion:168 Resp: 1223376
Ion Ratio Lower Upper
168 100
139 36.6 27.8 41.6
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 40.039 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:139 Resp: 152620
Ion Ratio Lower Upper
139 100
109 64.2 42.9 82.9
65 87.3 64.4 104.4

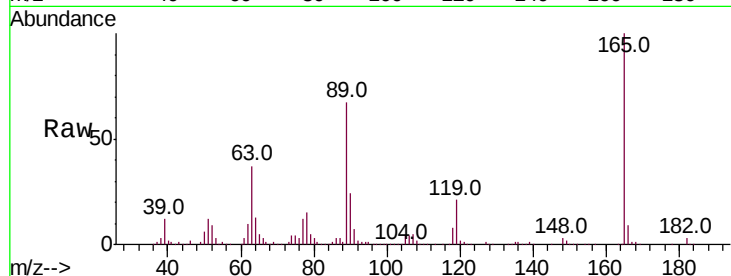




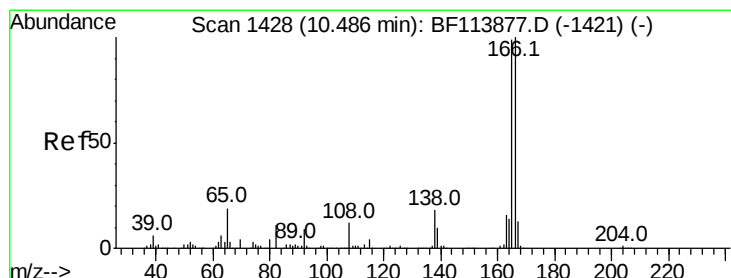
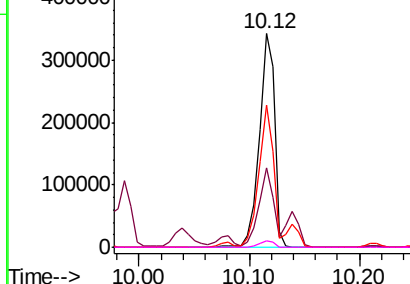
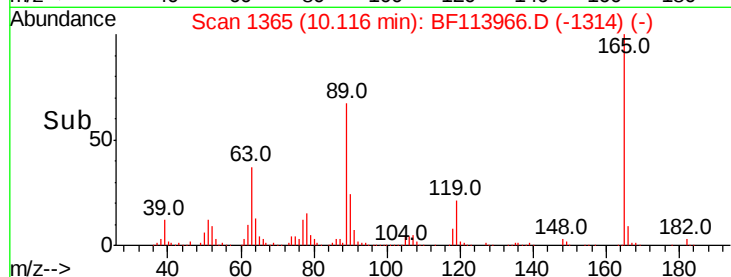
#57
2,4-Dinitrotoluene
Concen: 57.765 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:165	Resp:	334035
Ion Ratio	Lower	Upper
165 100		
63 37.1	27.4	41.0
89 66.7	51.8	77.6
182 2.9	2.2	3.2

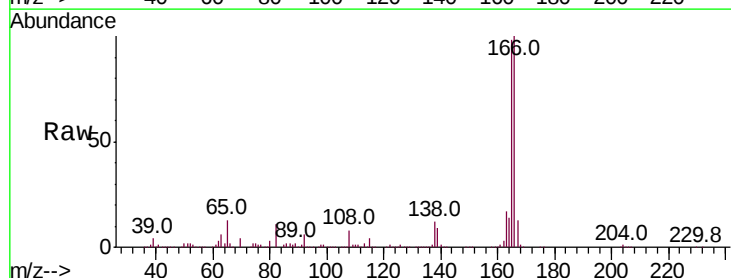


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

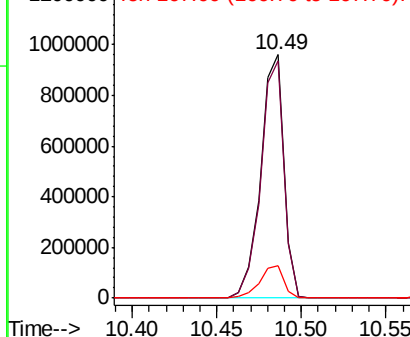
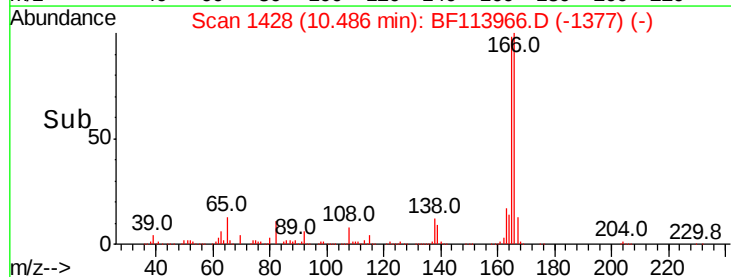


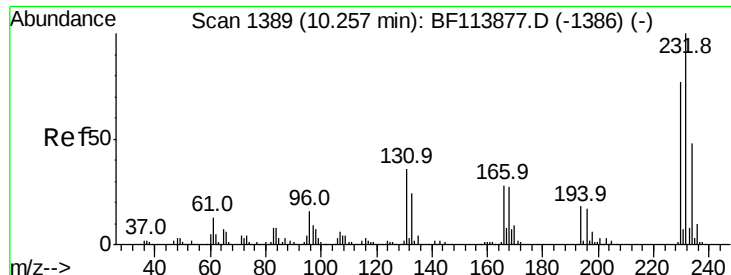
#58
Fluorene
Concen: 47.991 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:166	Resp: 918530
Ion Ratio	Lower Upper
166 100	
165 97.5	78.4 117.6
167 13.3	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

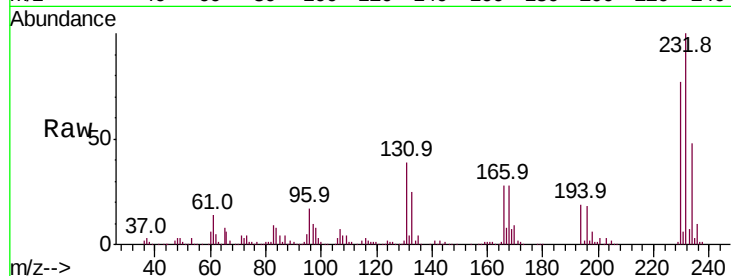




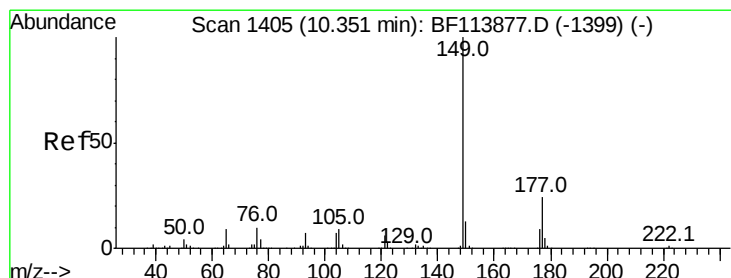
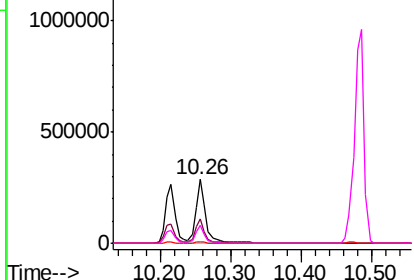
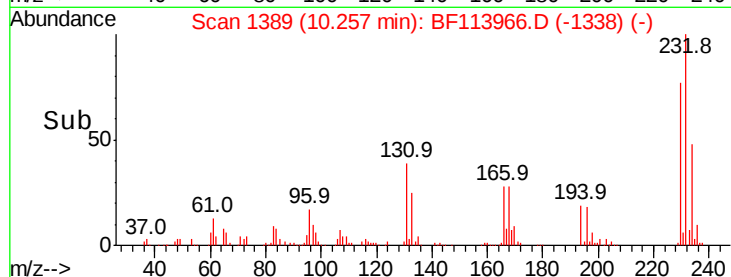
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.638 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	30.2	45.2
130	2.0	1.5	2.3
166	26.2	22.2	33.4

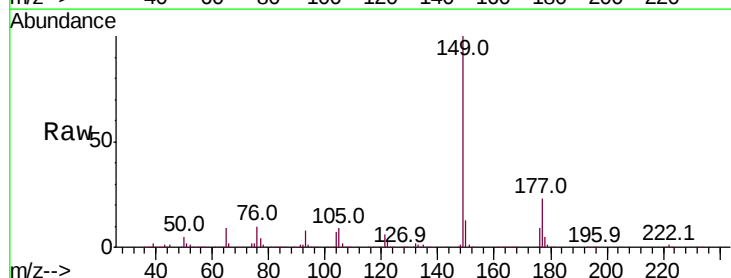


Abundance Ion 232.00 (231.70 to 232.70): E
1500000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

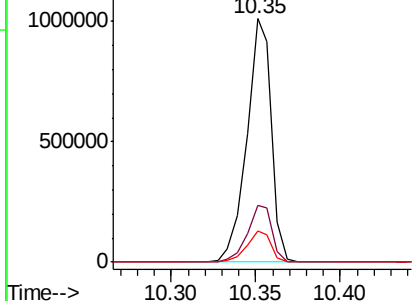
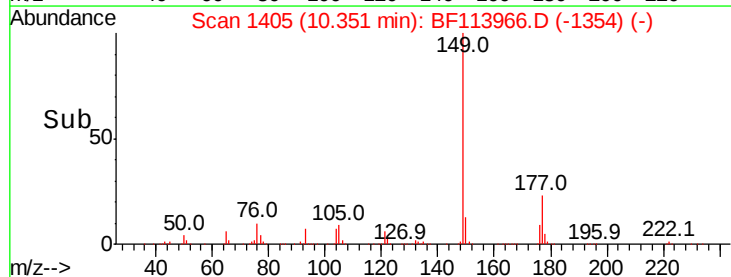


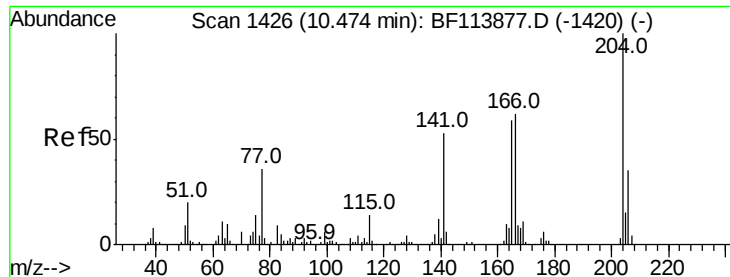
#60
Diethylphthalate
Concen: 50.540 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.2	28.8
150	13.0	10.3	15.5



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

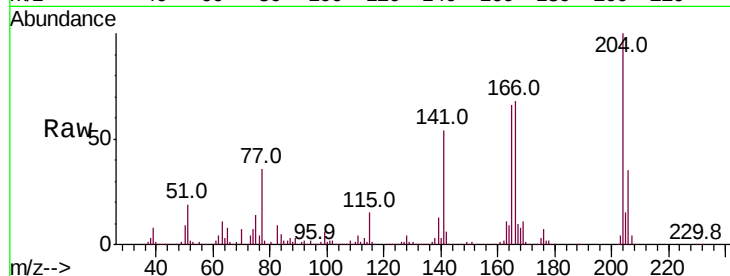




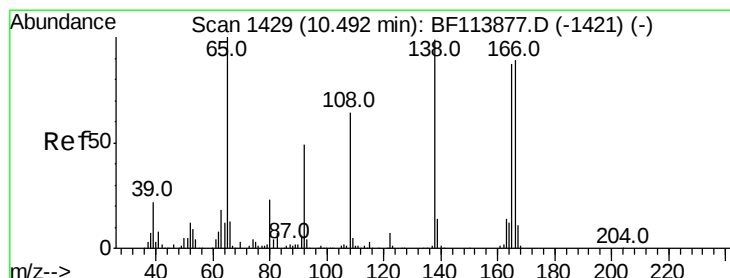
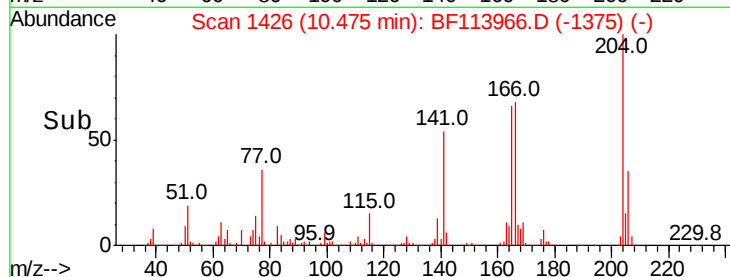
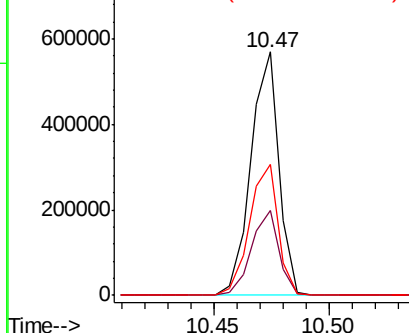
#61
4-Chlorophenyl-phenylether
Concen: 47.750 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:204 Resp: 483999
Ion Ratio Lower Upper
204 100
206 34.9 27.4 41.2
141 53.7 42.6 63.8

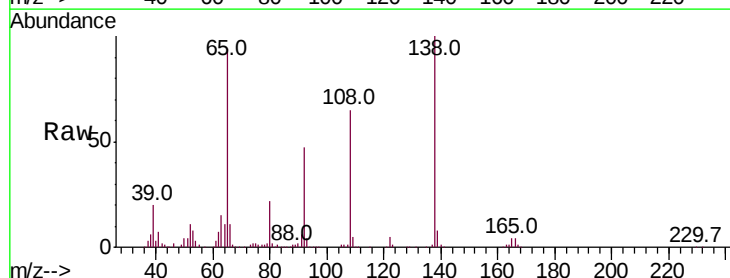


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

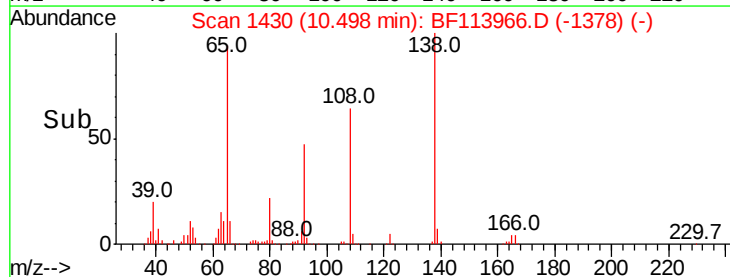
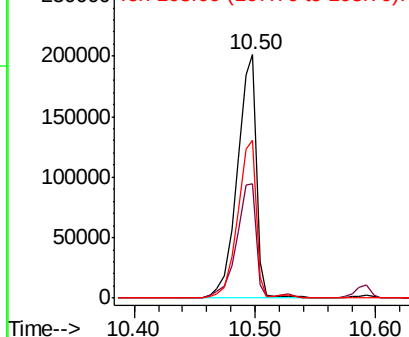


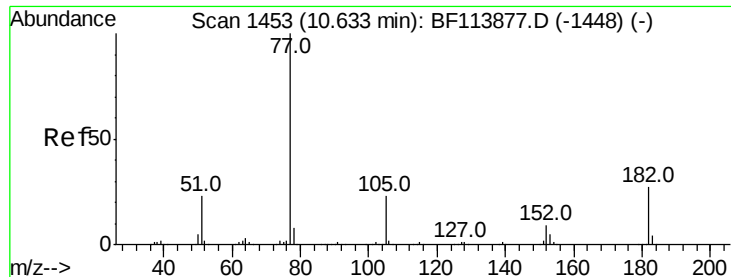
#62
4-Nitroaniline
Concen: 47.317 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:138 Resp: 222297
Ion Ratio Lower Upper
138 100
92 47.0 31.3 71.3
108 64.7 48.9 88.9



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

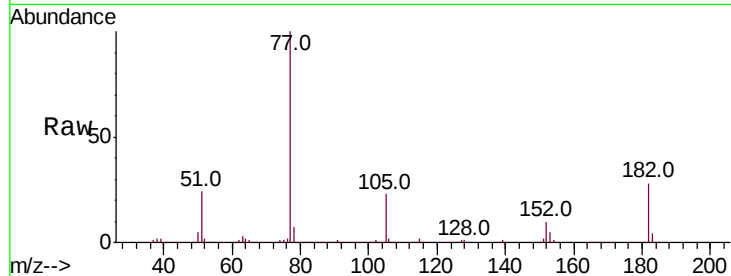




#63
Azobenzene
Concen: 46.852 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.4	44.4
105	22.9	2.2	42.2
51	23.6	3.9	43.9



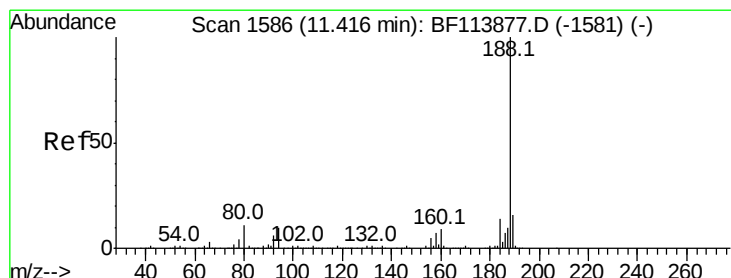
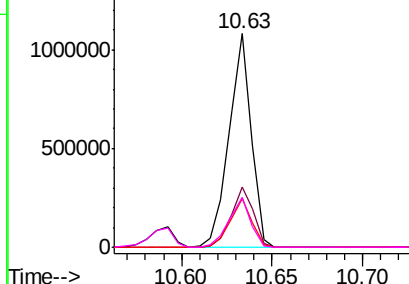
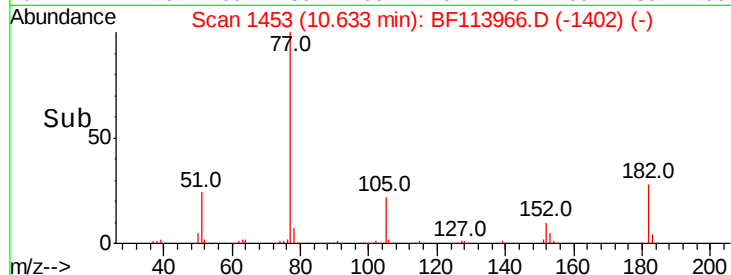
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

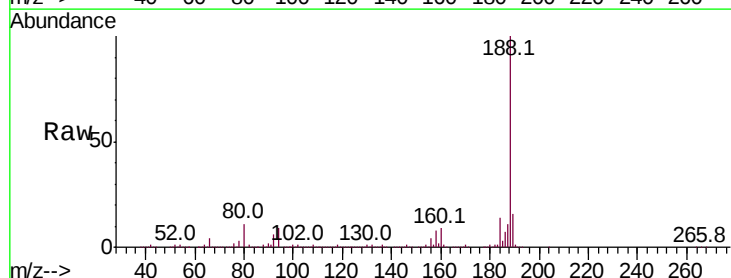
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	10.7	9.0	13.6

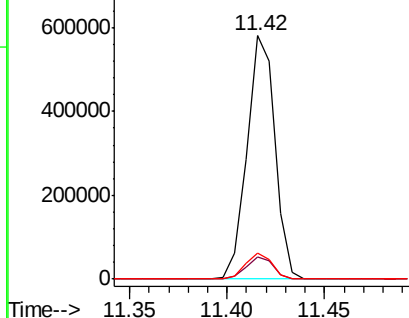
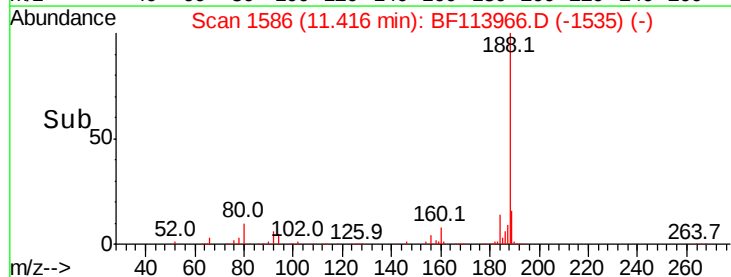


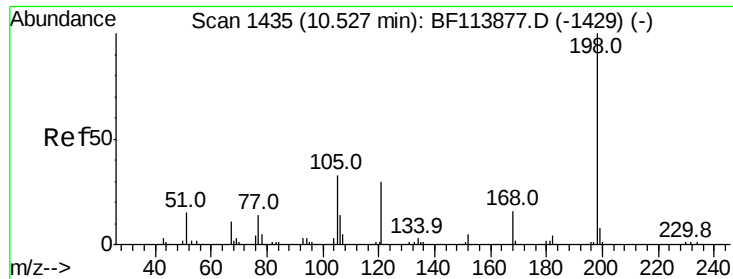
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

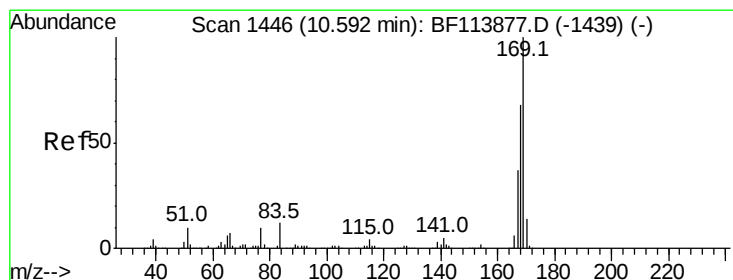
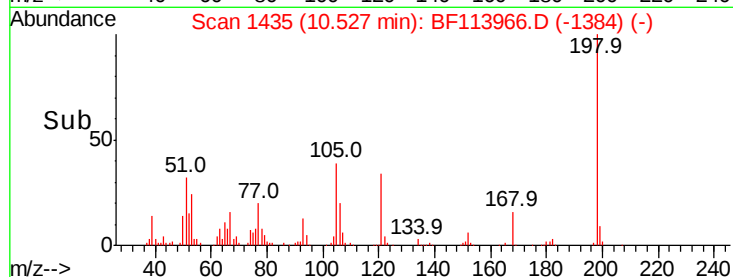
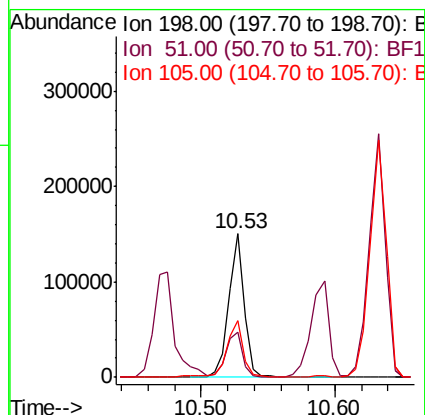
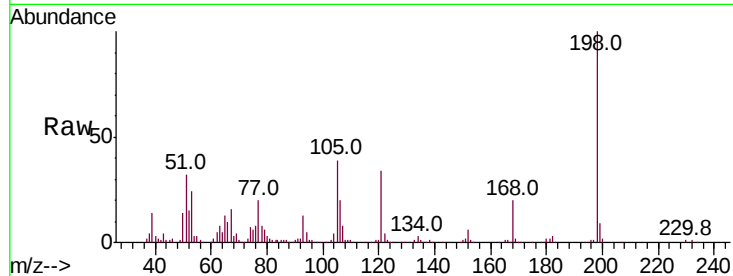




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.398 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

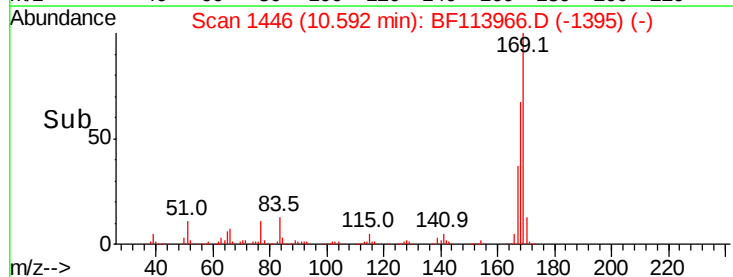
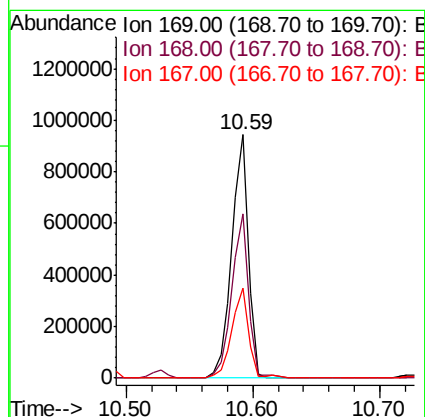
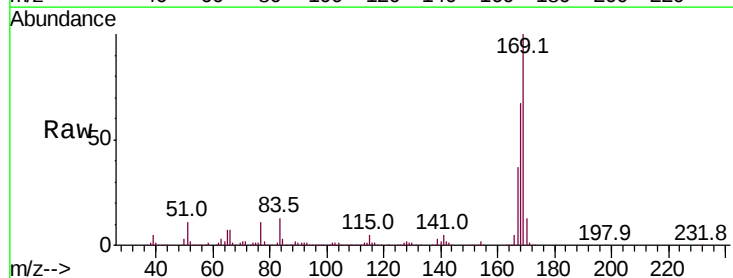
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

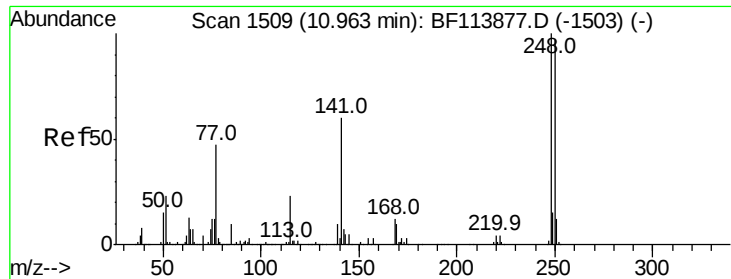
Tot Ion:198 Resp: 124938
 Ion Ratio Lower Upper
 198 100
 51 31.7 11.1 51.1
 105 39.3 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 49.085 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion:169 Resp: 848957
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.3 81.5
 167 37.2 29.4 44.0

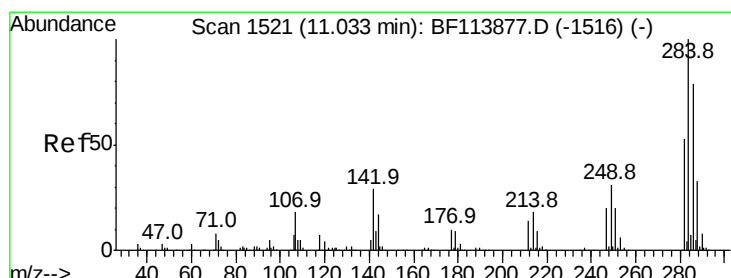
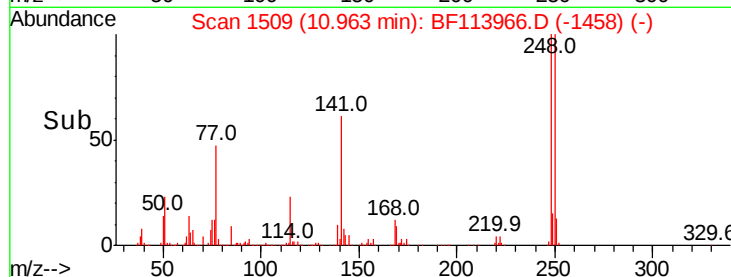
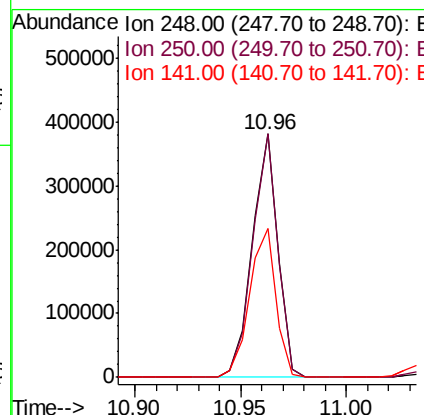
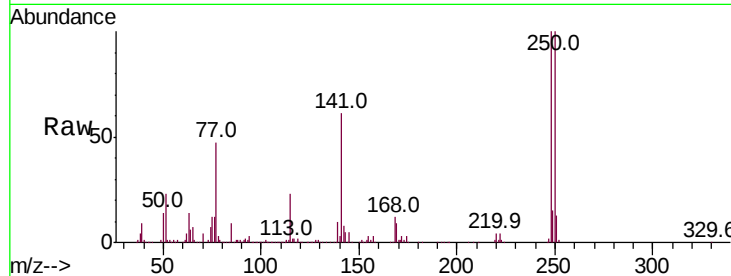




#67
4-Bromophenyl-phenylether
Concen: 46.069 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

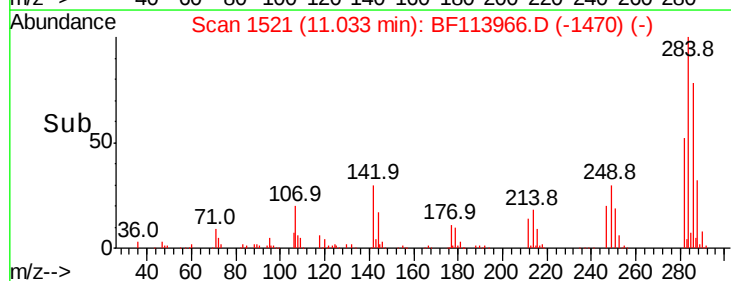
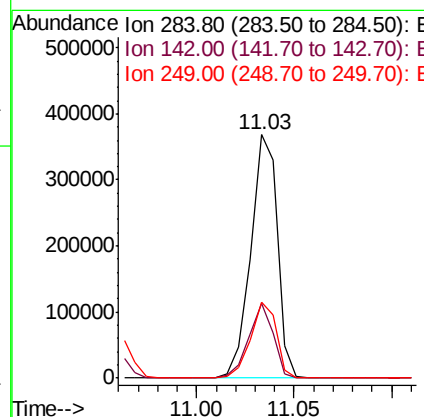
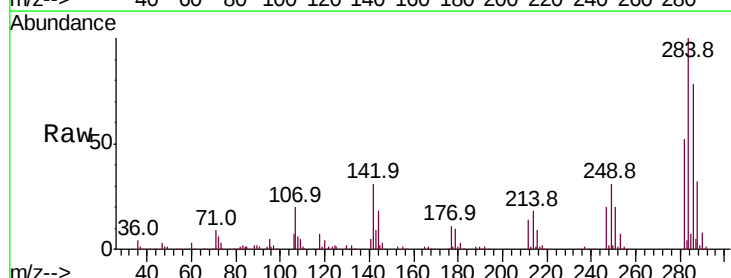
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

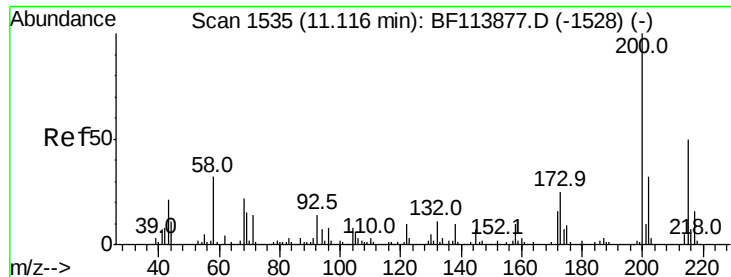
Tot Ion:248 Resp: 320794
Ion Ratio Lower Upper
248 100
250 100.0 75.8 113.6
141 61.3 50.2 75.4



#68
Hexachlorobenzene
Concen: 45.464 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:284 Resp: 347894
Ion Ratio Lower Upper
284 100
142 30.9 23.0 34.4
249 31.0 24.4 36.6

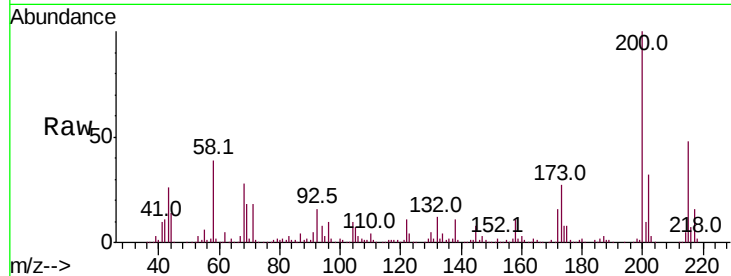




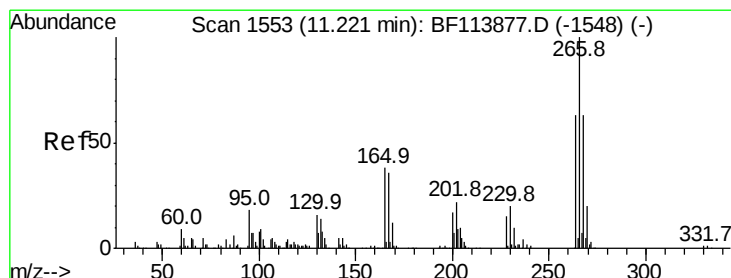
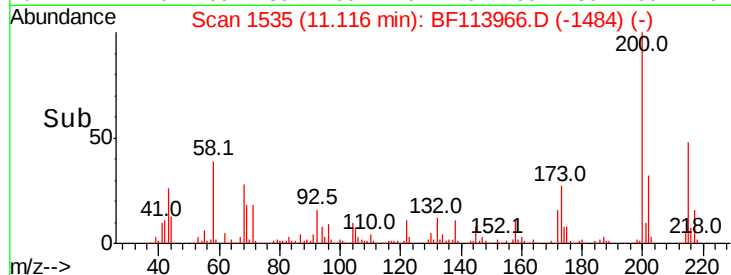
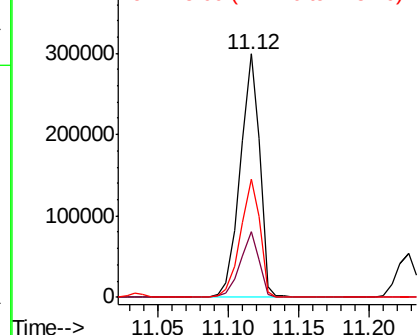
#69
Atrazine
Concen: 50.810 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.9	45.9
215	48.5	29.3	69.3

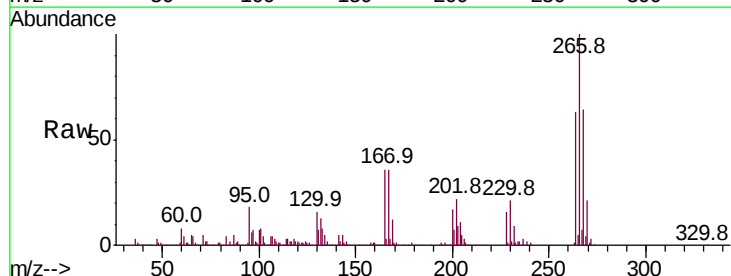


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

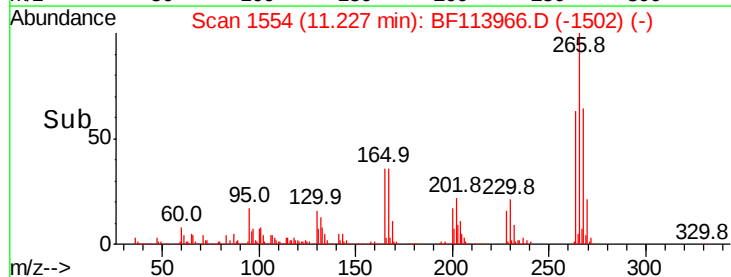
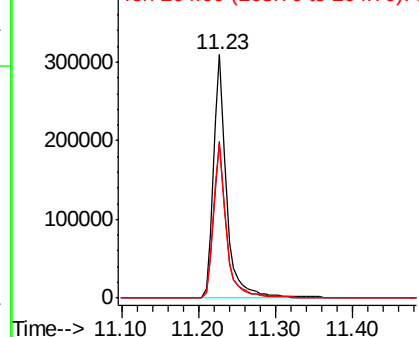


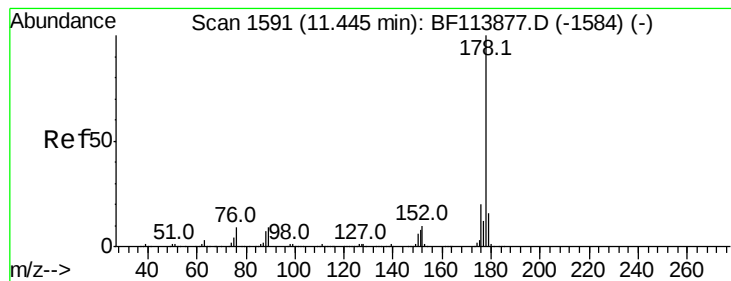
#70
Pentachlorophenol
Concen: 83.863 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.5	80.3
264	63.2	51.0	76.6



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: 47.388 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

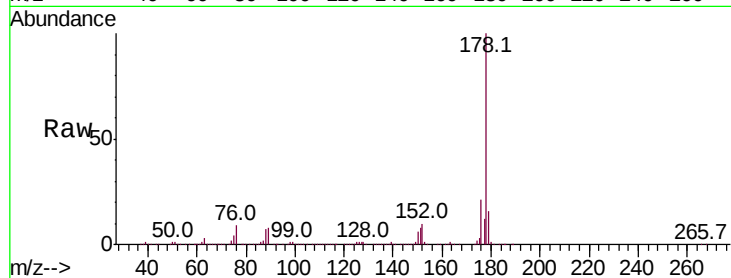
Tot Ion:178 Resp: 1372744

Ion Ratio Lower Upper

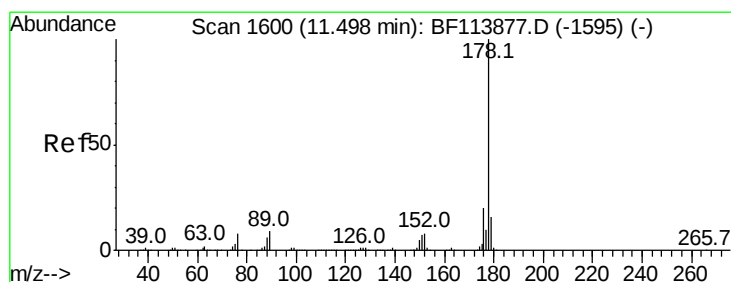
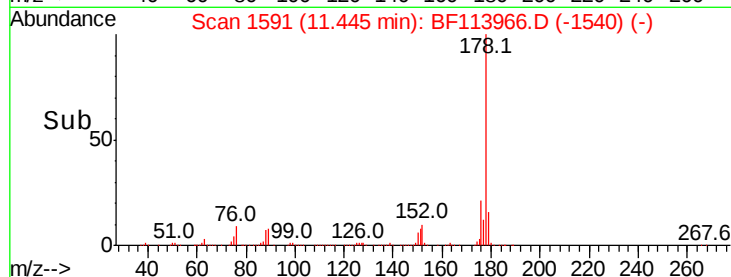
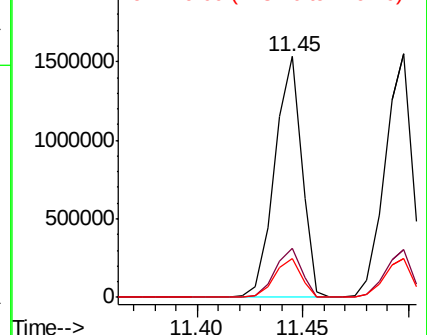
178 100

176 20.5 16.1 24.1

179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.973 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

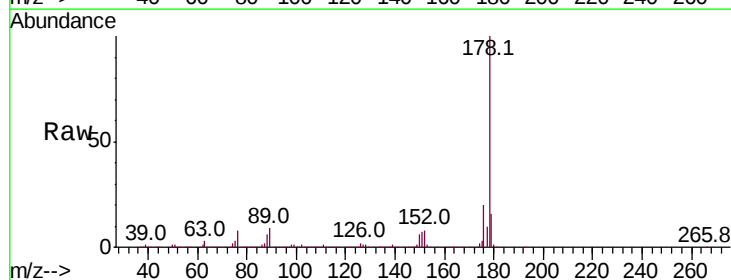
Tgt Ion:178 Resp: 1403353

Ion Ratio Lower Upper

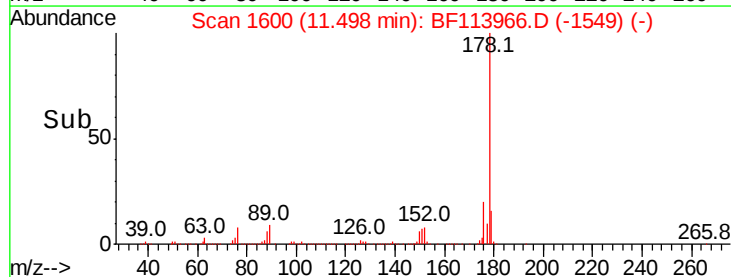
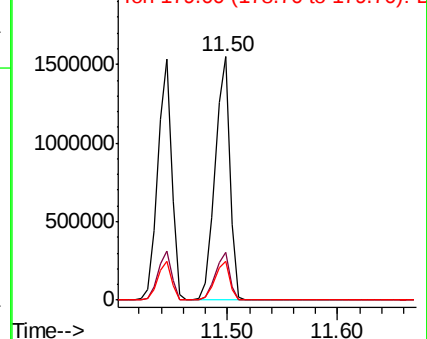
178 100

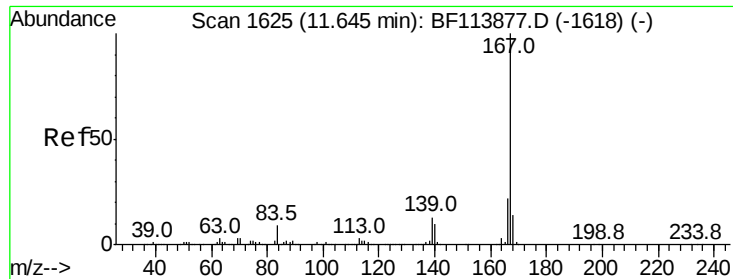
176 19.7 15.7 23.5

179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



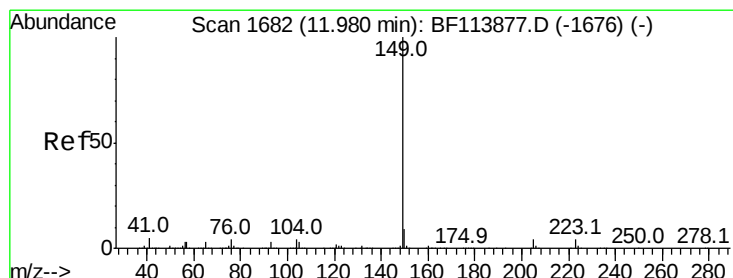
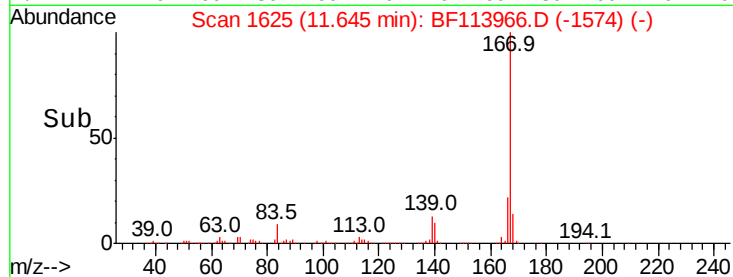
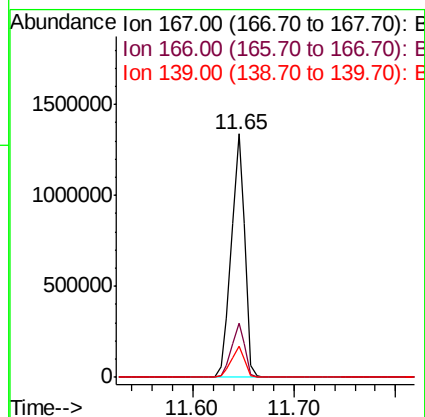
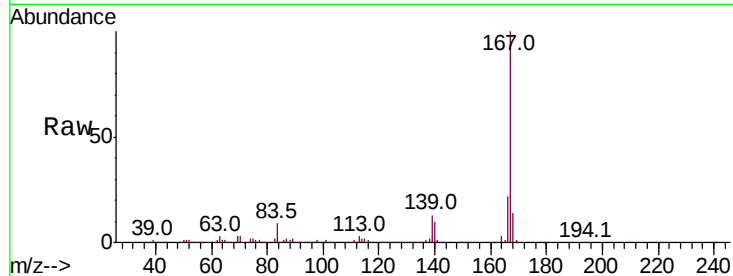


#73
 Carbazole
 Concen: 47.597 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion:167 Resp: 1242204

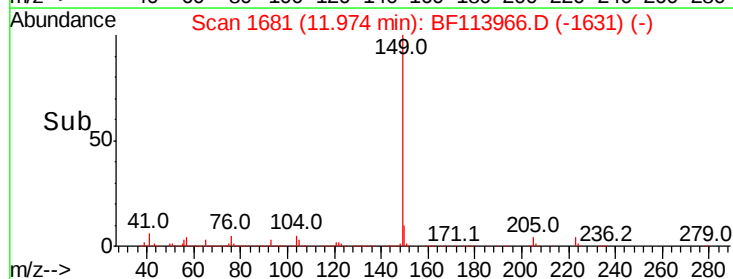
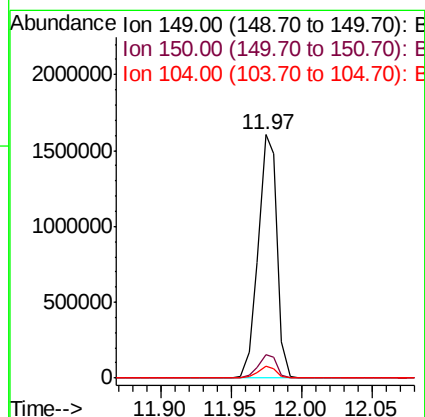
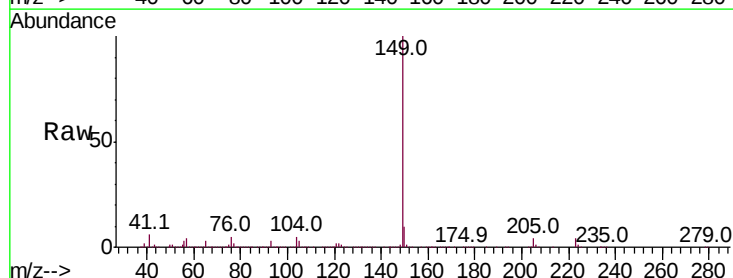
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.0	10.0	15.0

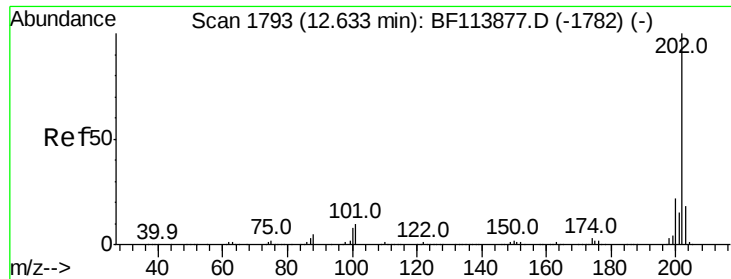


#74
 Di-n-butylphthalate
 Concen: 49.393 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

Tgt Ion:149 Resp: 1516363

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.9	3.8	5.8



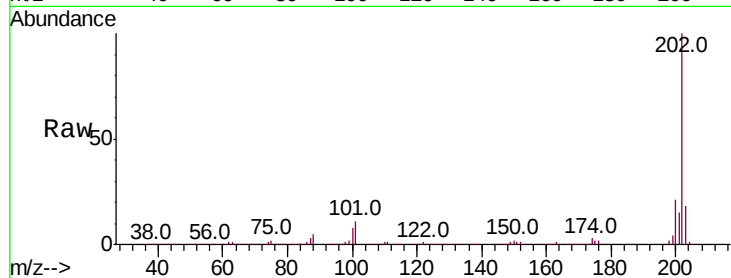


#75
Fluoranthene
 Concen: 42.923 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

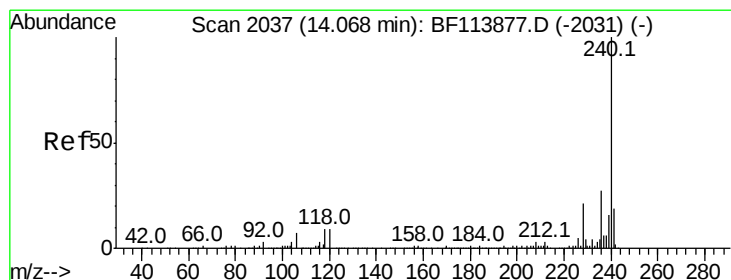
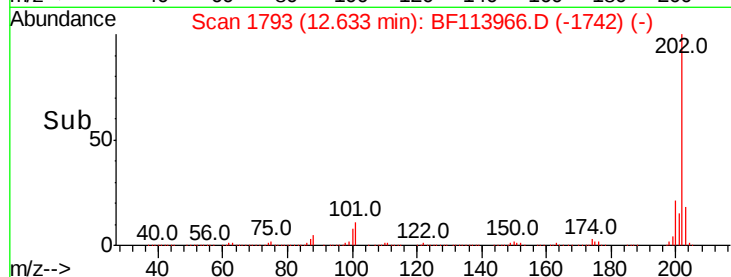
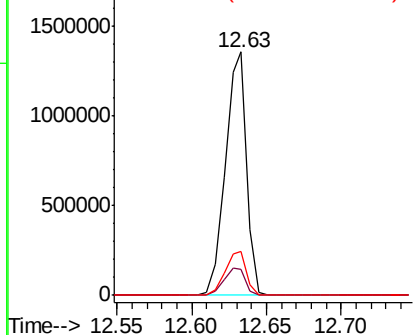
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Tot Ion:202 Resp: 1356566

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.9
203	17.9	0.0	38.2



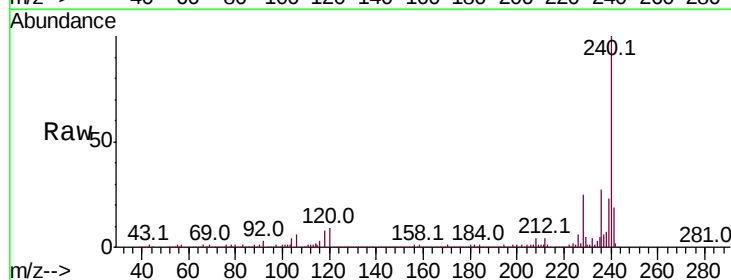
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



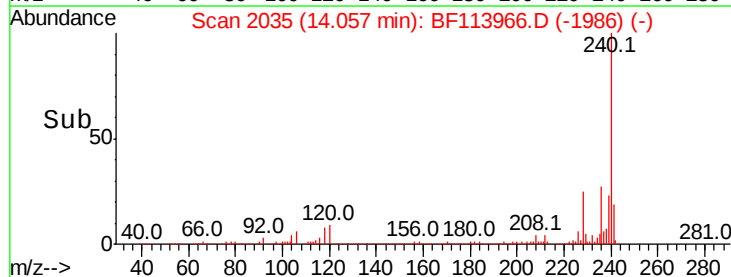
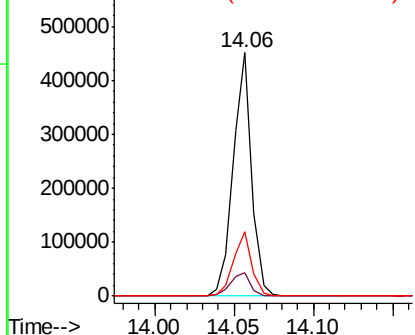
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113966.D
 Acq: 24 Apr 2019 17:22

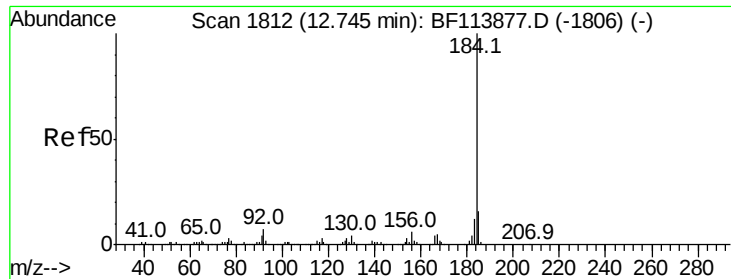
Tgt Ion:240 Resp: 363323

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.3	13.9
236	26.6	21.2	31.8



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: 13.906 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

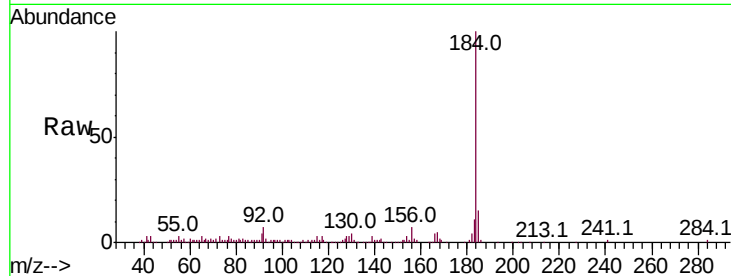
Tot Ion:184 Resp: 150535

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

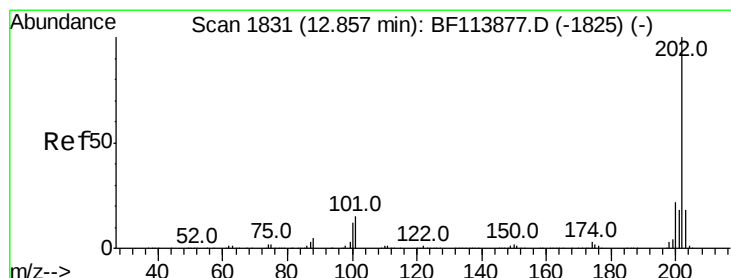
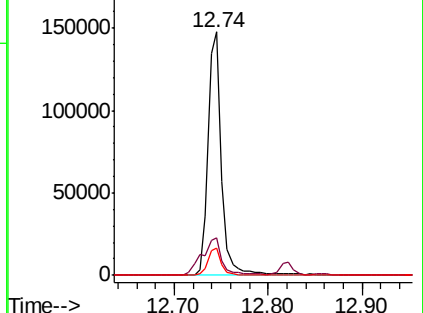
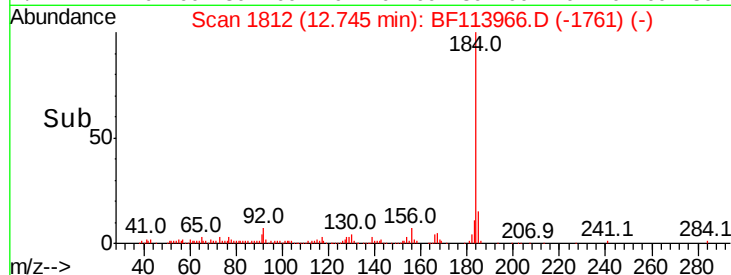
183 11.2 9.4 14.0



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: 52.088 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

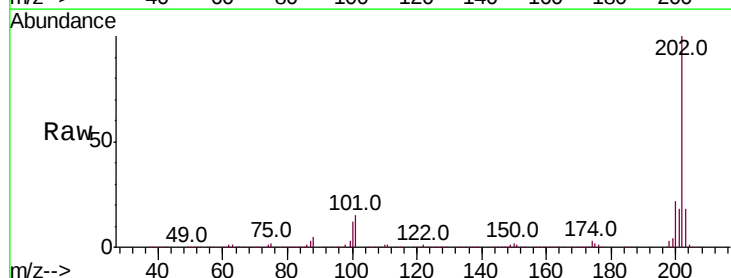
Tgt Ion:202 Resp: 1323440

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

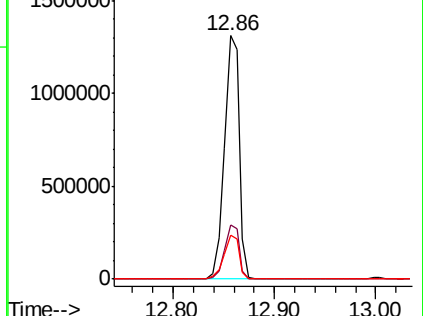
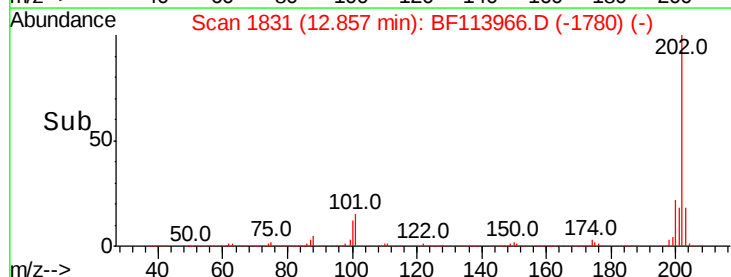
203 18.1 15.0 22.6

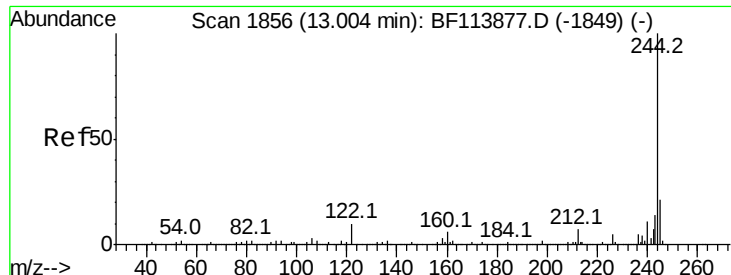


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.493 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

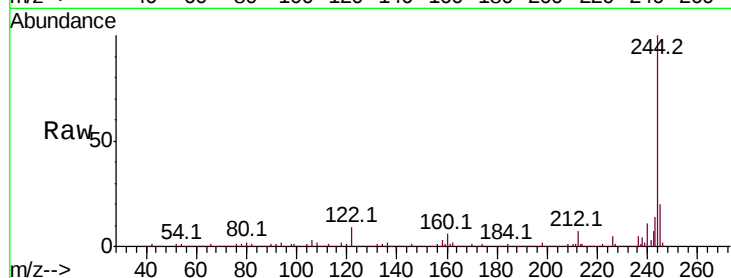
Tot Ion:244 Resp: 1869546

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

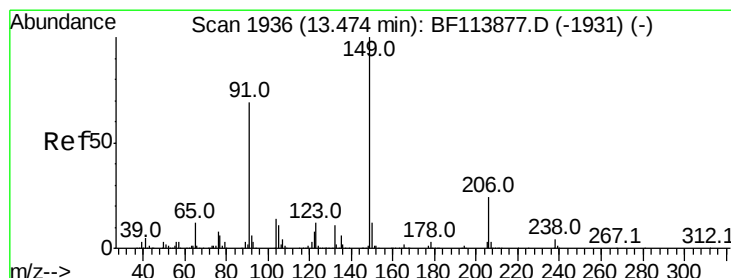
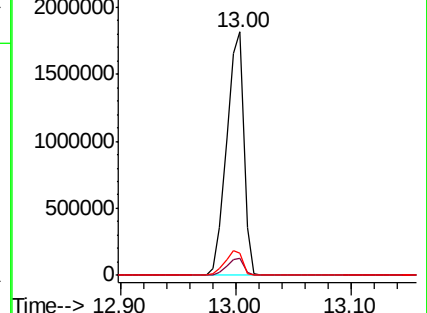
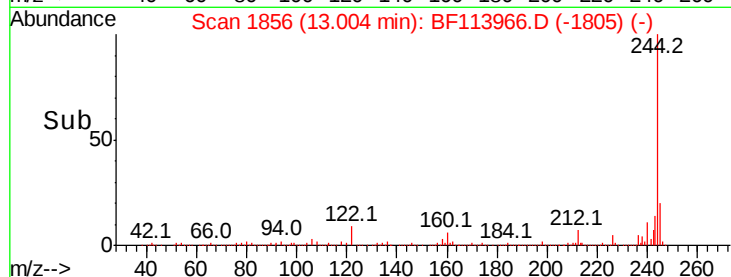
122 9.3 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.366 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

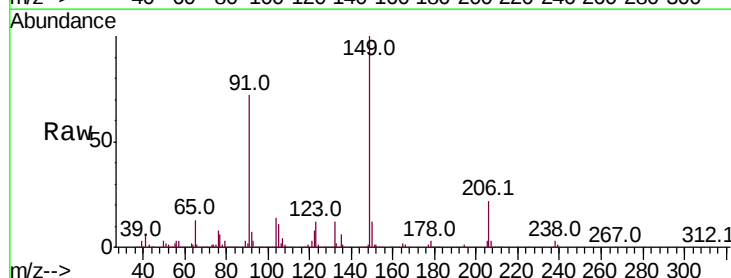
Tgt Ion:149 Resp: 563468

Ion Ratio Lower Upper

149 100

91 72.5 56.3 84.5

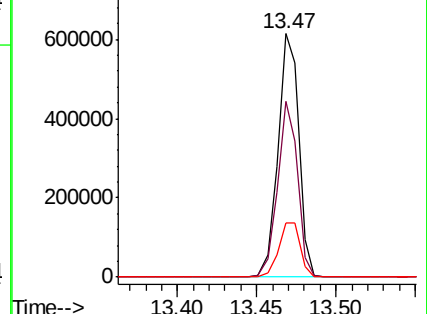
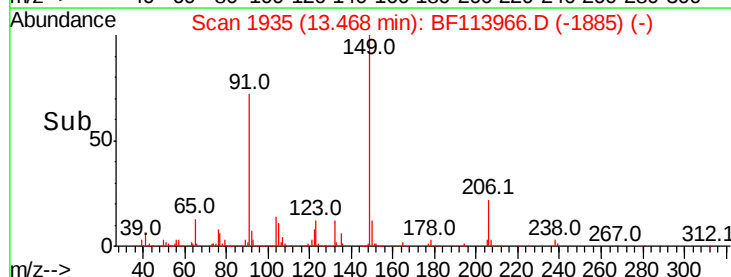
206 22.4 19.0 28.6

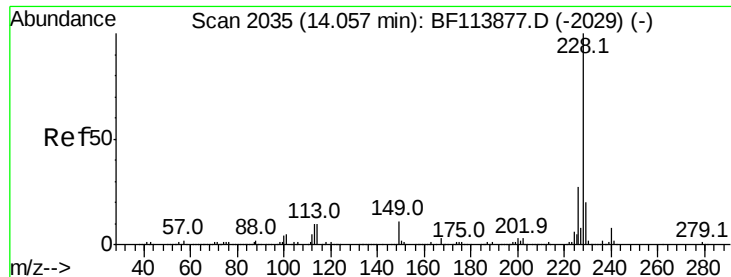


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.507 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

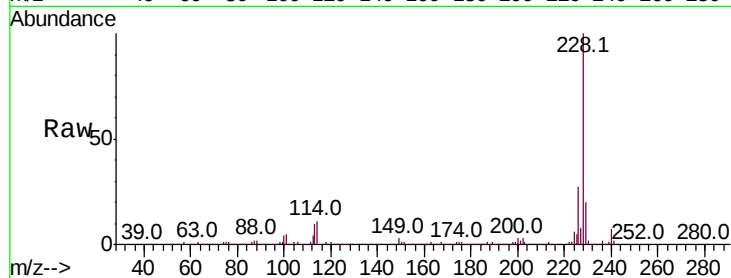
BNA_F

ClientSampleId :

GMW-7MSD

Tot Ion:228 Resp: 1081174

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	19.8	16.0	24.0

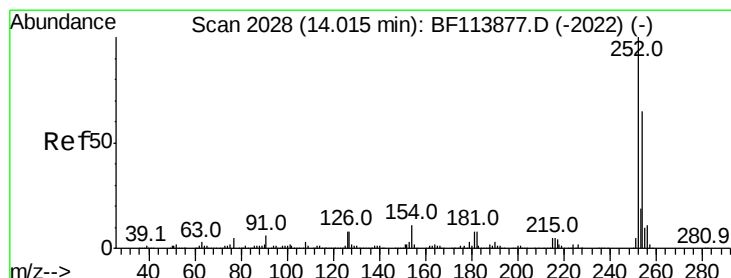
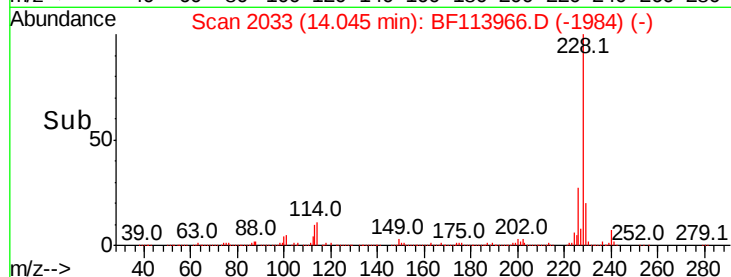
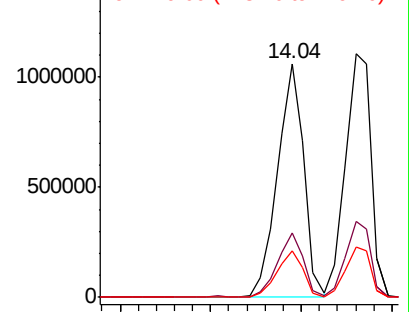


Abundance

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: 38.110 ng

RT: 14.00 min Scan# 2026

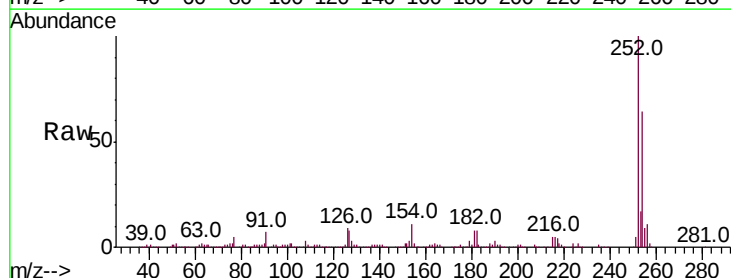
Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Tgt Ion:252 Resp: 299013

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	8.9	9.3	13.9#

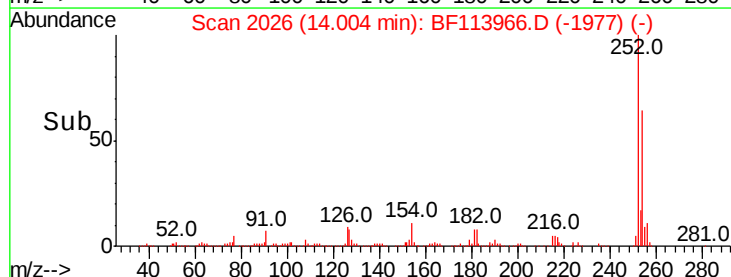
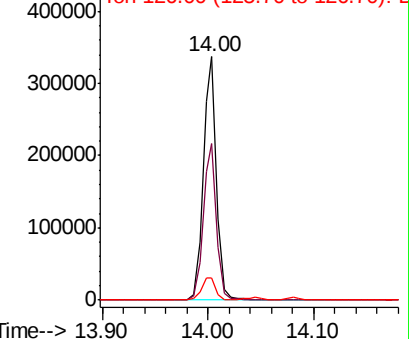


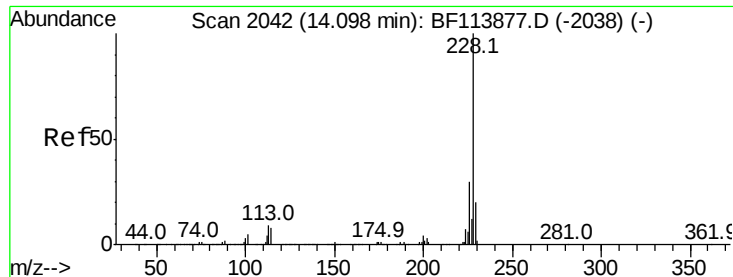
Abundance

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: 52.447 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

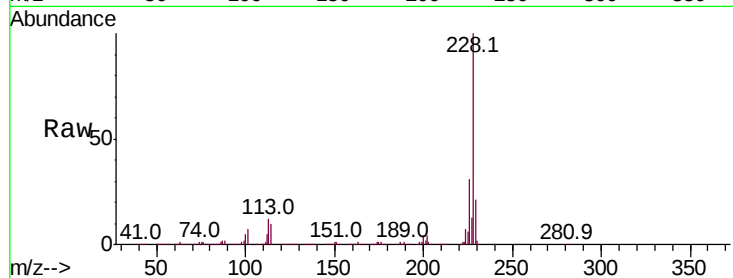
BNA_F

ClientSampleId :

GMW-7MSD

Tot Ion:228 Resp: 1093396

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	20.7	16.7	25.1

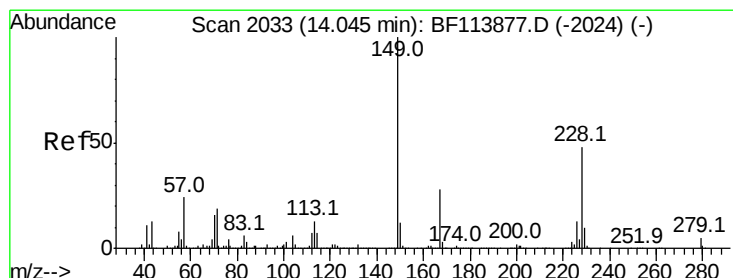
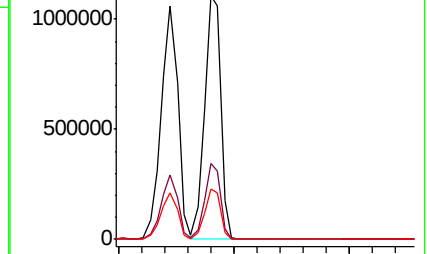
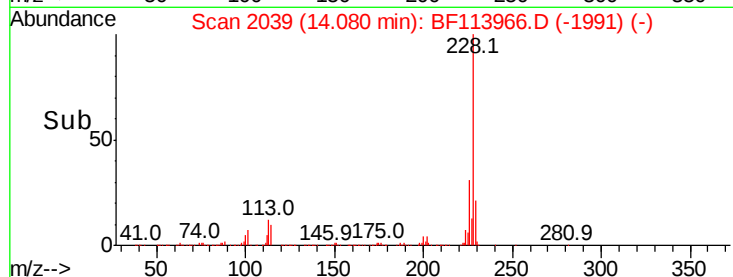


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.204 ng

RT: 14.03 min Scan# 2031

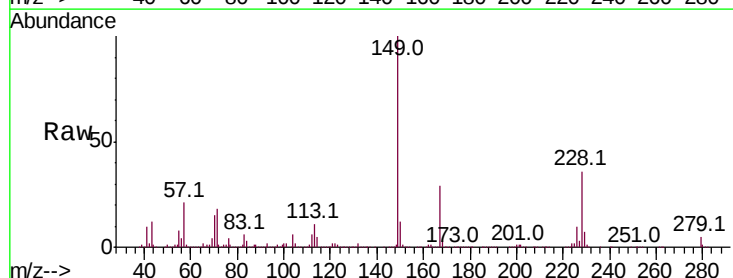
Delta R.T. -0.01 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Tgt Ion:149 Resp: 740288

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	5.0	4.2	6.2

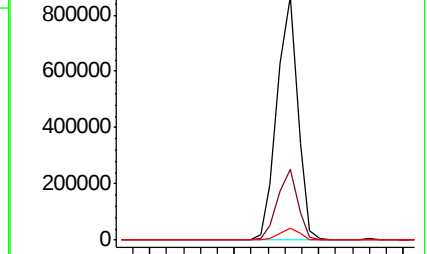
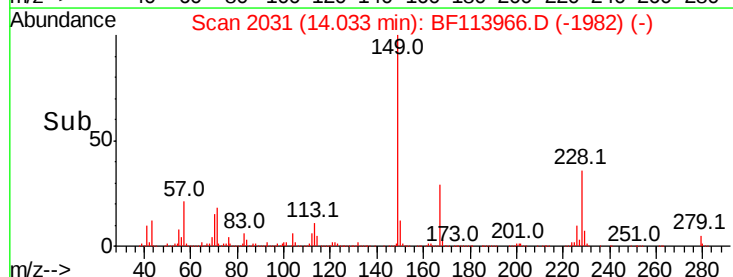


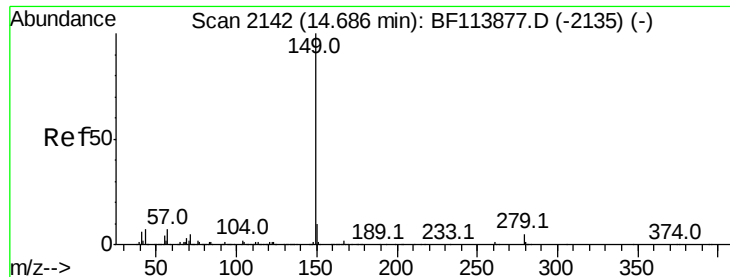
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.870 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.04 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

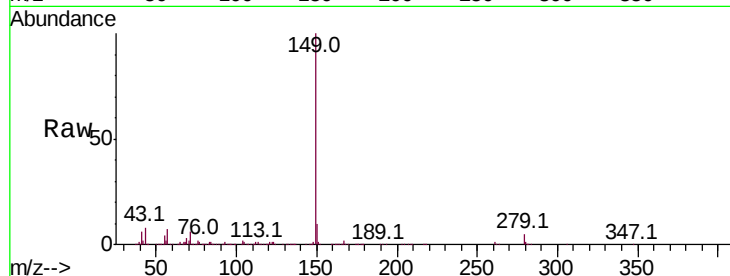
Tot Ion:149 Resp: 1152075

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

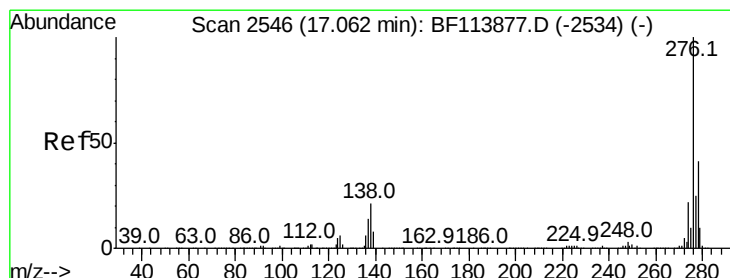
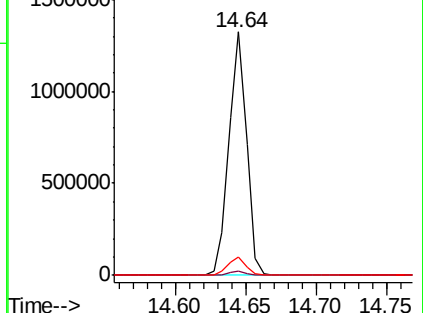
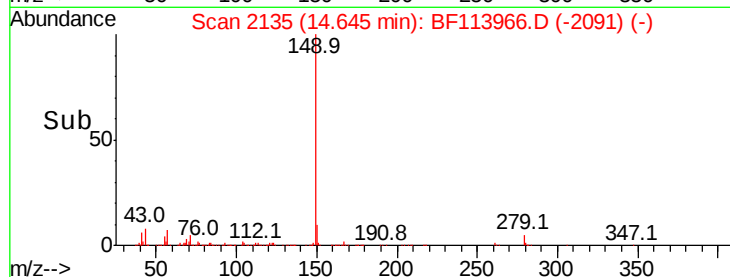
43 7.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 74.025 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.04 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

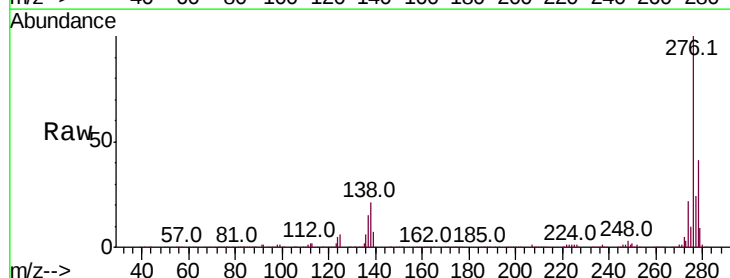
Tgt Ion:276 Resp: 1461807

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

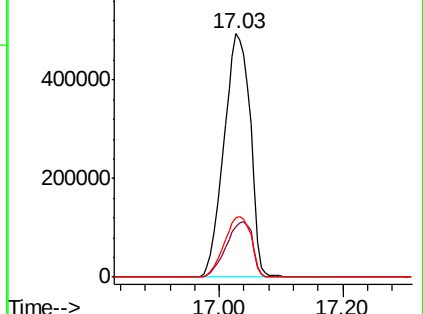
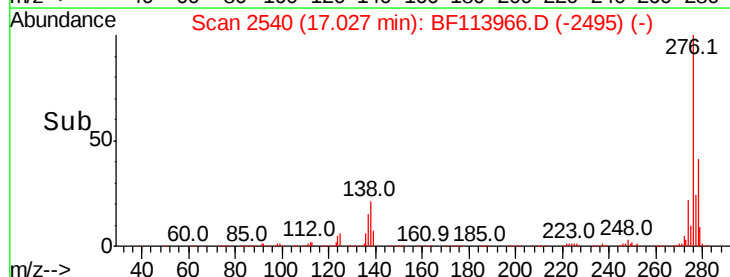
277 25.5 20.2 30.4

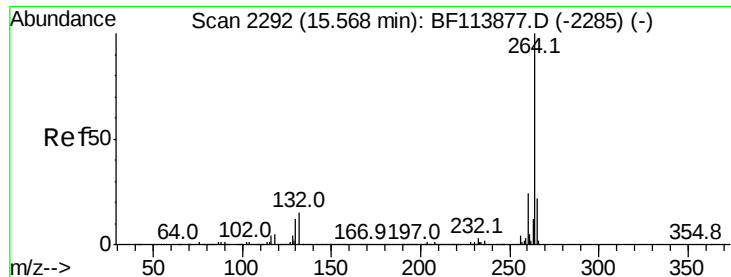


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

Instrument :

BNA_F

ClientSampleId :

GMW-7MSD

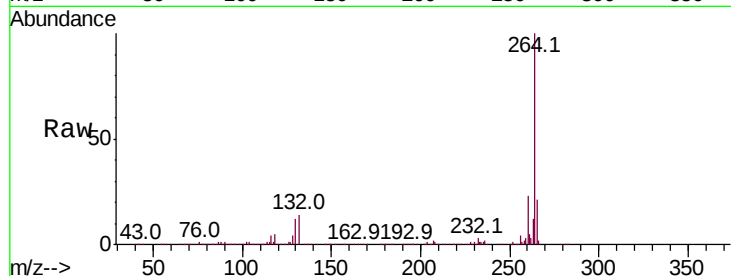
Tot Ion:264 Resp: 416796

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

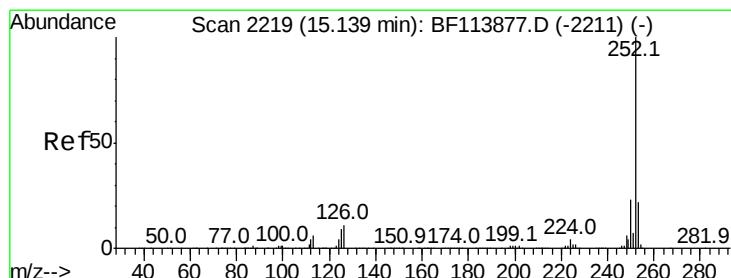
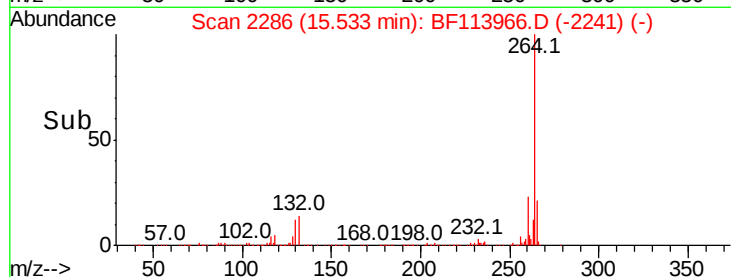
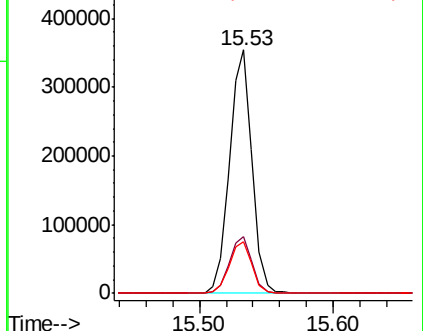
265 21.2 17.3 25.9



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: 45.600 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.04 min

Lab File: BF113966.D

Acq: 24 Apr 2019 17:22

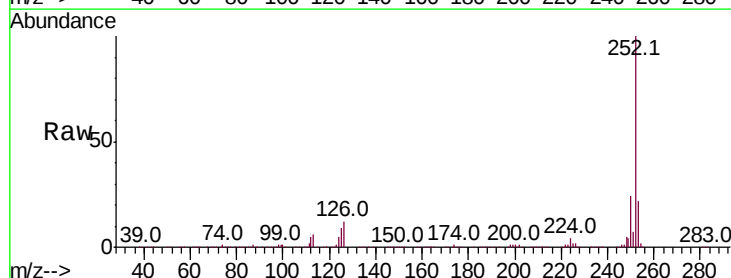
Tgt Ion:252 Resp: 1202500

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

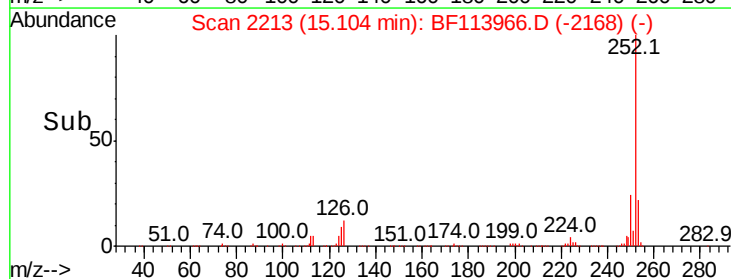
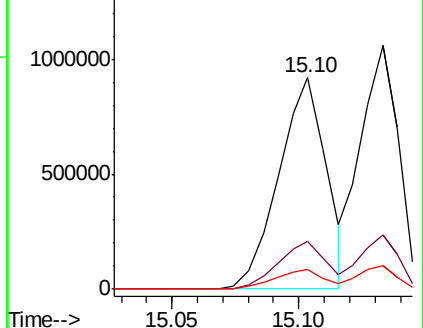
125 9.2 7.0 10.6

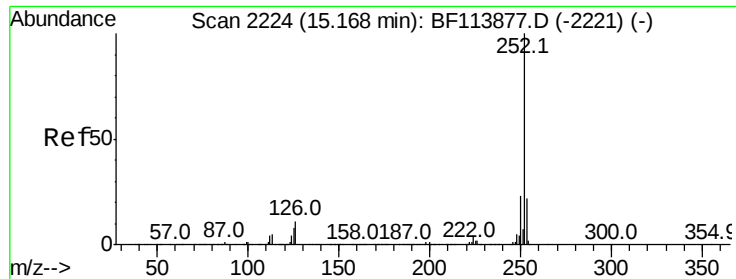


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

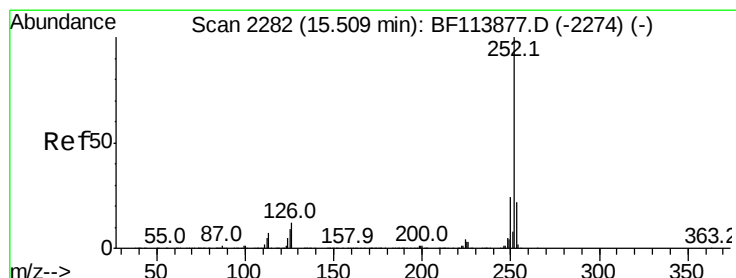
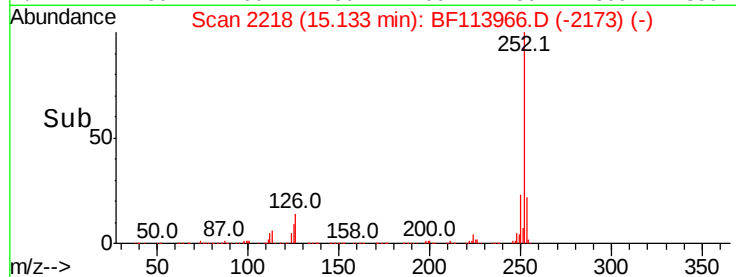
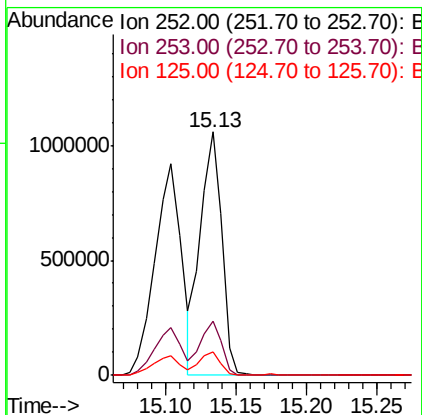
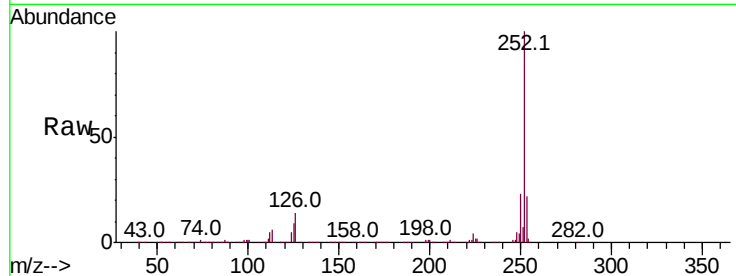




#89
Benzo(k)fluoranthene
Concen: 49.265 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

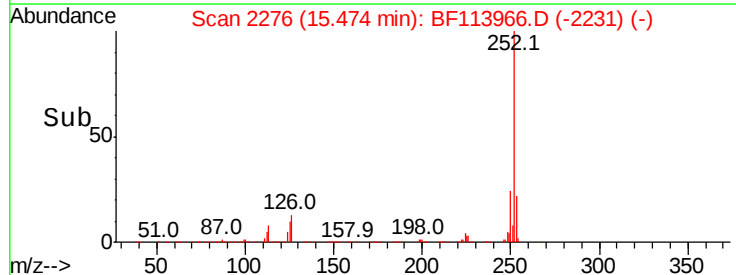
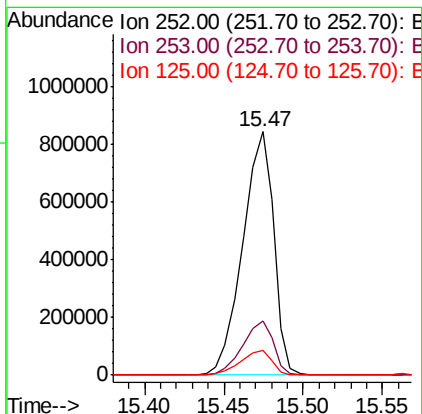
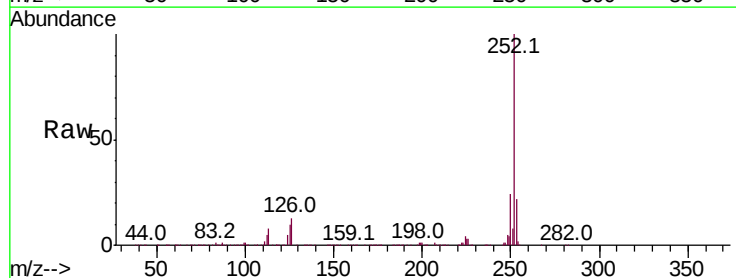
Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

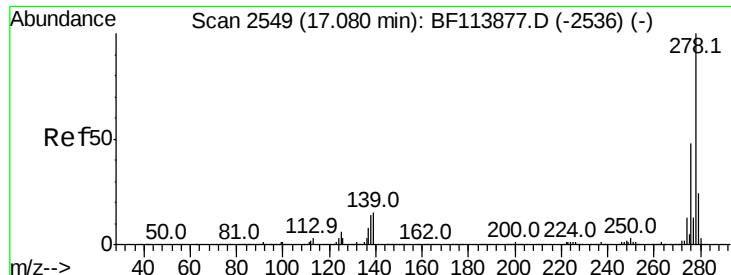
Tot Ion:252 Resp: 1117483
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.297 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:252 Resp: 1147226
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.3 8.5 12.7

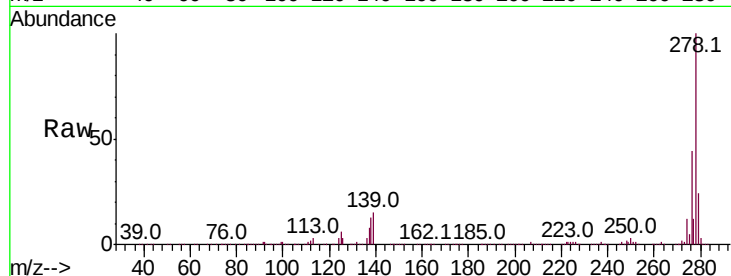




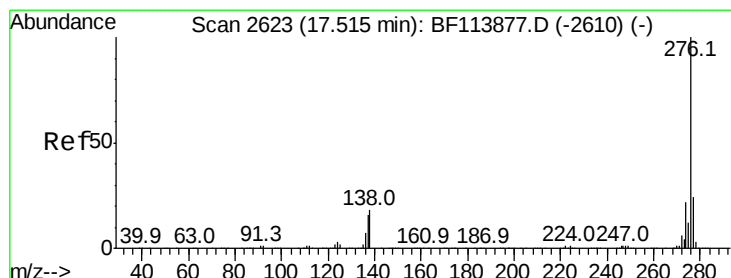
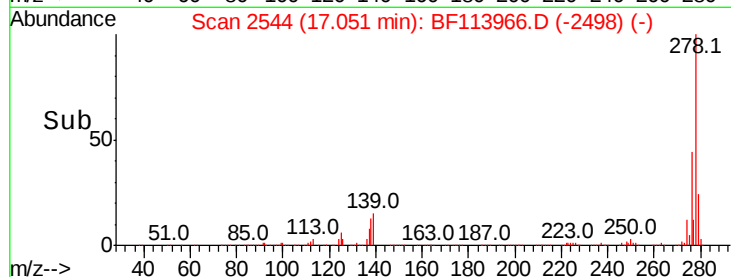
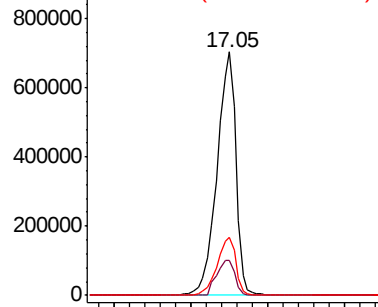
#91
Dibenzo(a,h)anthracene
Concen: 56.941 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Instrument :
BNA_F
ClientSampleId :
GMW-7MSD

Tot Ion:278 Resp: 1219190
Ion Ratio Lower Upper
278 100
139 14.6 11.6 17.4
279 24.1 19.0 28.6

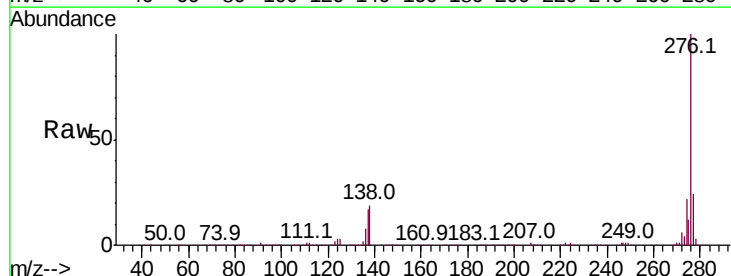


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.020 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF113966.D
Acq: 24 Apr 2019 17:22

Tgt Ion:276 Resp: 1232061
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 19.2 16.6 25.0



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

