

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113965.D
 Acq On : 24 Apr 2019 16:55
 Operator : JU/SJ
 Sample : K2487-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Quant Time: Apr 25 01:24:36 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	142337	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	512842	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253691	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	473344	20.00	ng	0.00
76) Chrysene-d12	14.06	240	320344	20.00	ng	-0.01
87) Perylene-d12	15.53	264	399336	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	578185	69.48	ng	0.00
7) Phenol-d6	6.52	99	502493	48.13	ng	0.00
23) Nitrobenzene-d5	7.46	82	826584	99.52	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	402070	130.10	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1578267	97.30	ng	0.00
79) Terphenyl-d14	13.00	244	1574314	100.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	86988	22.174	ng	99
3) Pyridine	3.48	79	198620	18.549	ng	96
4) n-Nitrosodimethylamine	3.42	42	79407	21.664	ng	94
6) Aniline	6.56	93	339897	23.707	ng	100
8) 2-Chlorophenol	6.69	128	330945	34.831	ng	95
9) Benzaldehyde	6.44	77	107283	13.638	ng	98
10) Phenol	6.53	94	200992	16.099	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	389787	41.488	ng	99
12) 1,3-Dichlorobenzene	6.84	146	360836	33.532	ng	98
13) 1,4-Dichlorobenzene	6.92	146	371339	34.309	ng	99
14) 1,2-Dichlorobenzene	7.07	146	354513	35.640	ng	99
15) Benzyl Alcohol	7.03	79	225656	32.090	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	441940	40.296	ng	93
17) 2-Methylphenol	7.15	107	266377	31.984	ng	98
18) Hexachloroethane	7.41	117	115544	30.454	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	281087	41.572	ng	99
20) 3+4-Methylphenols	7.30	107	274648	29.188	ng	# 57
22) Acetophenone	7.30	105	554467	48.584	ng	98
24) Nitrobenzene	7.47	77	433681	47.254	ng	100
25) Isophorone	7.72	82	767814	45.178	ng	100
26) 2-Nitrophenol	7.79	139	199422	47.630	ng	97
27) 2,4-Dimethylphenol	7.83	122	301464	44.192	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	487975	45.059	ng	100
29) 2,4-Dichlorophenol	8.03	162	332530	42.628	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	337417	38.793	ng	98
31) Naphthalene	8.20	128	1042698	42.799	ng	100
32) Benzoic acid	7.91	122	52696	11.439	ng	97
33) 4-Chloroaniline	8.24	127	262893	25.502	ng	100
34) Hexachlorobutadiene	8.32	225	182873	33.727	ng	99
35) Caprolactam	8.60	113	23062	9.294	ng	86
36) 4-Chloro-3-methylphenol	8.72	107	307096	39.736	ng	99
37) 2-Methylnaphthalene	8.89	142	708876	43.148	ng	97
38) 1-Methylnaphthalene	8.99	142	671374	42.340	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	370371	44.944	ng	99

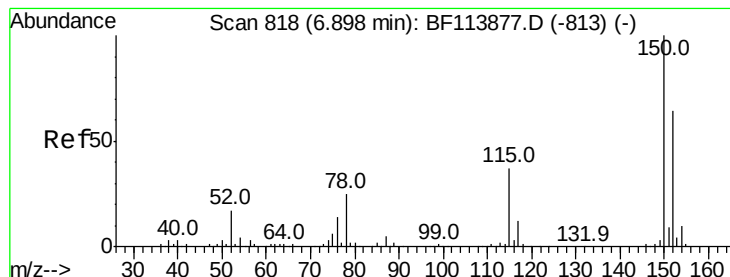
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	297220	64.678	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	246250	47.059	ng	97
44) 2,4,5-Trichlorophenol	9.21	196	275732	46.978	ng	98
46) 1,1'-Biphenyl	9.36	154	914364	47.180	ng	98
47) 2-Chloronaphthalene	9.38	162	725637	46.042	ng	98
48) 2-Nitroaniline	9.47	65	206845	50.065	ng	93
49) Acenaphthylene	9.80	152	1121483	45.454	ng	99
50) Dimethylphthalate	9.65	163	906890	49.429	ng	99
51) 2,6-Dinitrotoluene	9.71	165	200489	50.935	ng	93
52) Acenaphthene	9.97	154	715099	49.042	ng	98
53) 3-Nitroaniline	9.87	138	120162	29.051	ng	96
54) 2,4-Dinitrophenol	9.99	184	135647	79.688	ng	# 3
55) Dibenzofuran	10.14	168	1039940	47.612	ng	98
56) 4-Nitrophenol	10.04	139	129211	39.454	ng	98
57) 2,4-Dinitrotoluene	10.12	165	259974	52.326	ng	95
58) Fluorene	10.48	166	775445	47.156	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	233508	45.272	ng	98
60) Diethylphthalate	10.35	149	833972	47.866	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	413667	47.500	ng	98
62) 4-Nitroaniline	10.49	138	172809	42.813	ng	96
63) Azobenzene	10.63	77	772763	45.763	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	95194	44.505	ng	94
66) n-Nitrosodiphenylamine	10.59	169	703593	49.539	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	269046	47.051	ng	96
68) Hexachlorobenzene	11.03	284	292187	46.499	ng	98
69) Atrazine	11.12	200	223123	48.293	ng	100
70) Pentachlorophenol	11.22	266	297249	83.550	ng	97
71) Phenanthrene	11.45	178	1124262	47.261	ng	99
72) Anthracene	11.49	178	1156434	48.140	ng	100
73) Carbazole	11.65	167	993286	46.347	ng	99
74) Di-n-butylphthalate	11.97	149	1194470	47.380	ng	100
75) Fluoranthene	12.63	202	1098547	42.328	ng	99
77) Benzidine	12.74	184	154845	16.223	ng	99
78) Pyrene	12.86	202	1080657	48.239	ng	98
80) Butylbenzylphthalate	13.47	149	443264	50.291	ng	99
81) Benzo(a)anthracene	14.04	228	936703	49.629	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	281853	40.743	ng	# 97
83) Chrysene	14.08	228	942122	51.254	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	586694	52.317	ng	99
85) Di-n-octyl phthalate	14.64	149	971731	55.360	ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1388568	79.750	ng	98
88) Benzo(b)fluoranthene	15.10	252	1099828	43.530	ng	99
89) Benzo(k)fluoranthene	15.13	252	1048447	48.242	ng	99
90) Benzo(a)pyrene	15.47	252	1078723	49.361	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	1148125	55.967	ng	100
92) Benzo(g,h,i)perylene	17.49	276	1175914	56.801	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

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GMW-7MS

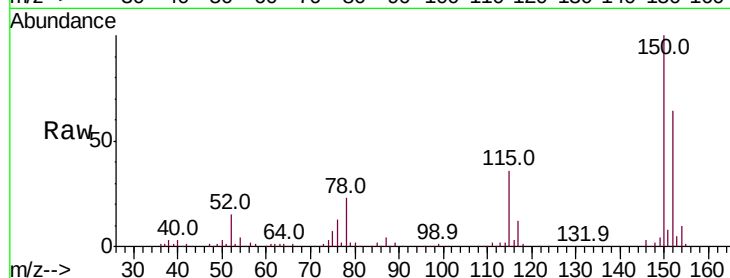
Tot Ion:152 Resp: 142337

Ion Ratio Lower Upper

152 100

150 155.4 125.9 188.9

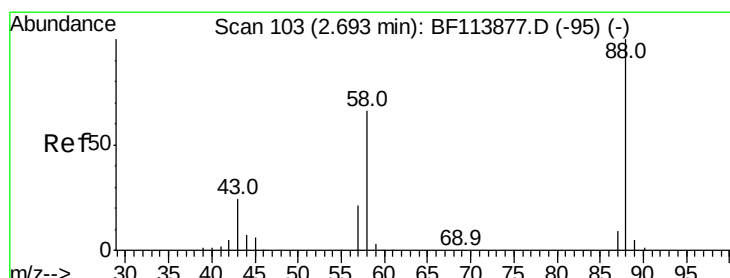
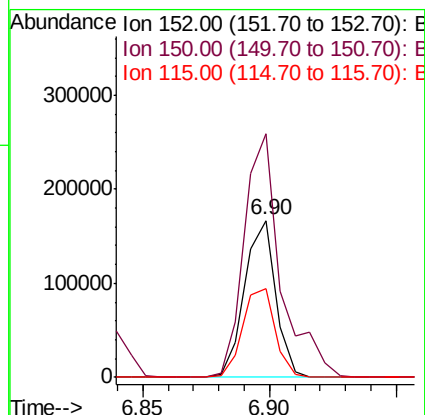
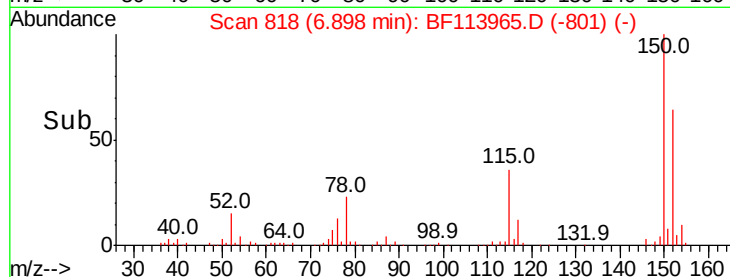
115 56.3 45.9 68.9



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



#2

1,4-Dioxane

Concen: 22.174 ng

RT: 2.72 min Scan# 108

Delta R.T. 0.03 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

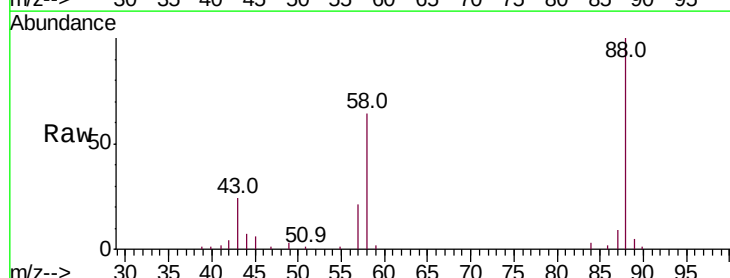
Tgt Ion: 88 Resp: 86988

Ion Ratio Lower Upper

88 100

58 66.0 53.3 79.9

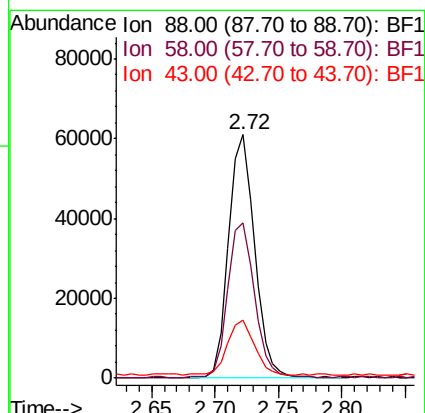
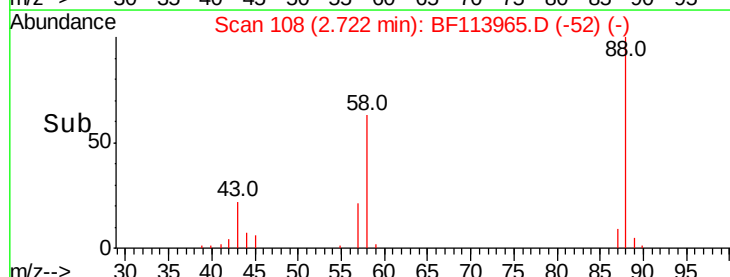
43 23.1 19.0 28.4

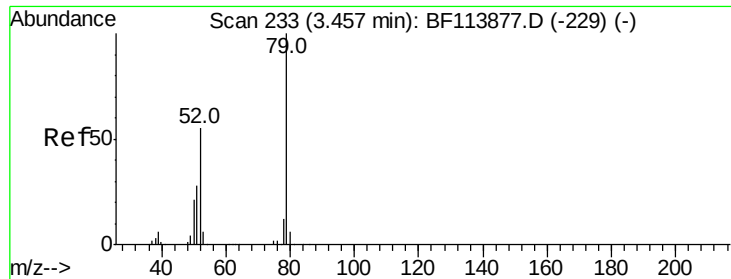


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrirdine

Concen: 18.549 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

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ClientSampleId :

GMW-7MS

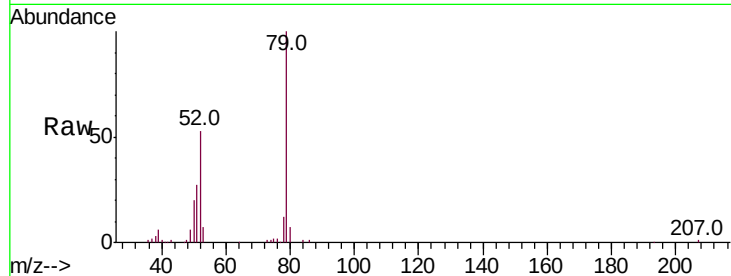
Tot Ion: 79 Resp: 198620

Ion Ratio Lower Upper

79 100

52 53.1 45.3 67.9

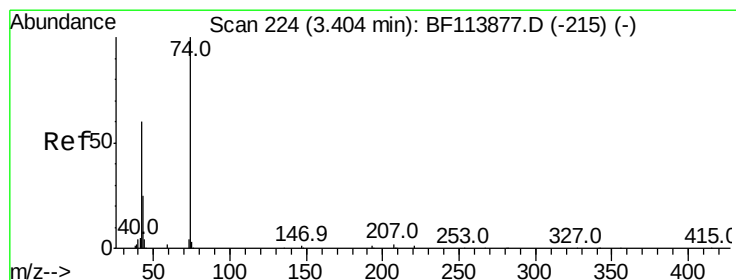
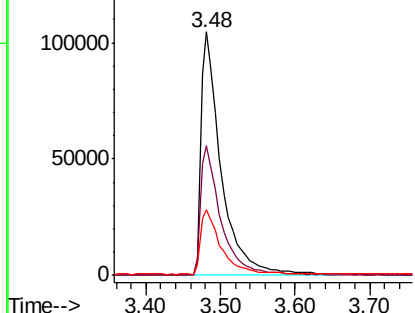
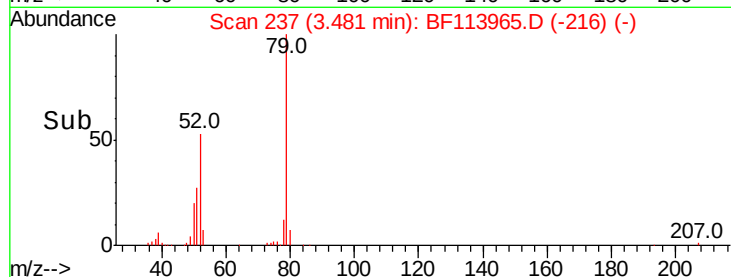
51 27.1 22.1 33.1



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: 21.664 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

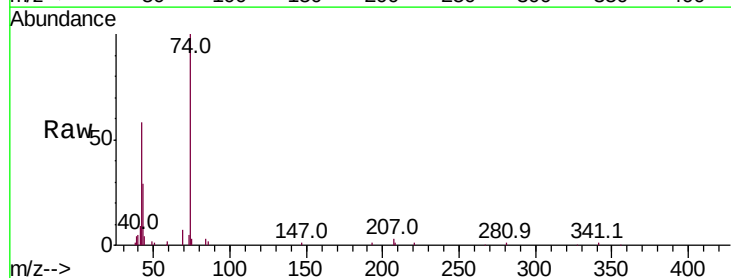
Tgt Ion: 42 Resp: 79407

Ion Ratio Lower Upper

42 100

74 173.4 132.6 198.8

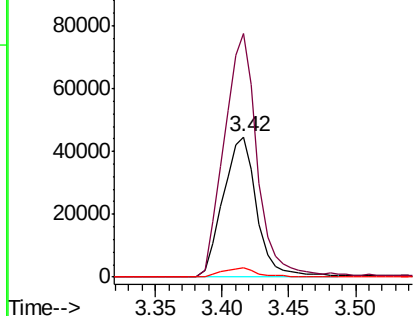
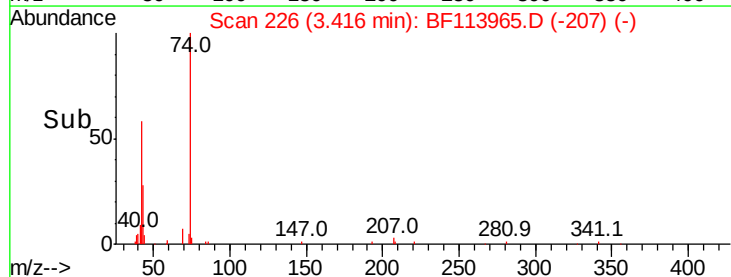
44 6.5 5.8 8.8

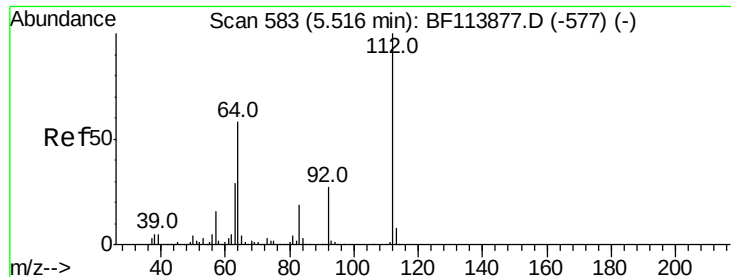


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 69.476 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

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ClientSampleId :

GMW-7MS

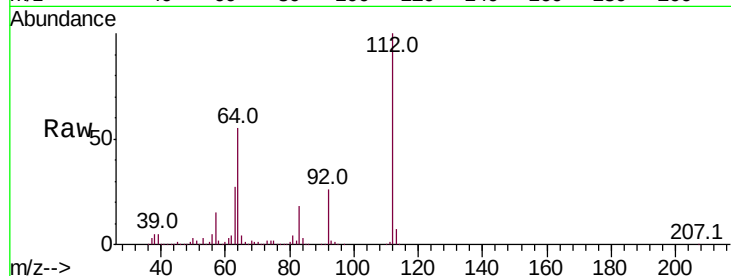
Tot Ion:112 Resp: 578185

Ion Ratio Lower Upper

112 100

64 54.7 46.6 69.8

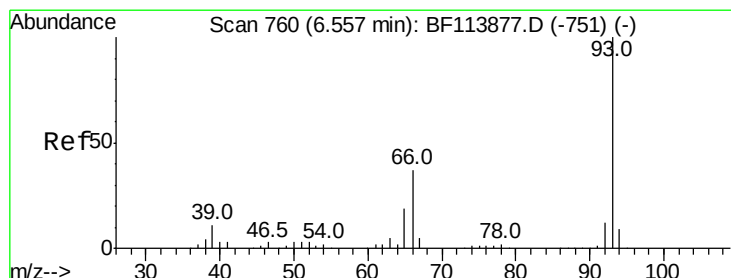
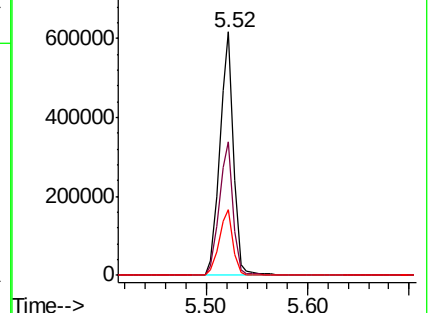
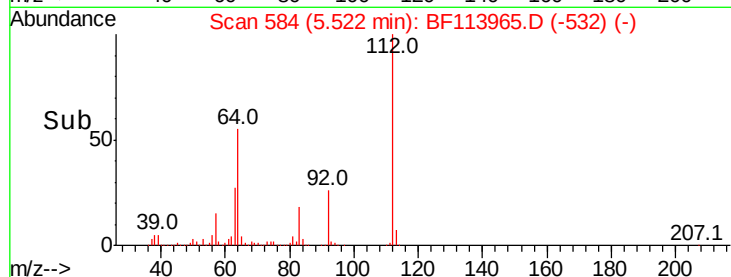
63 26.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.707 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

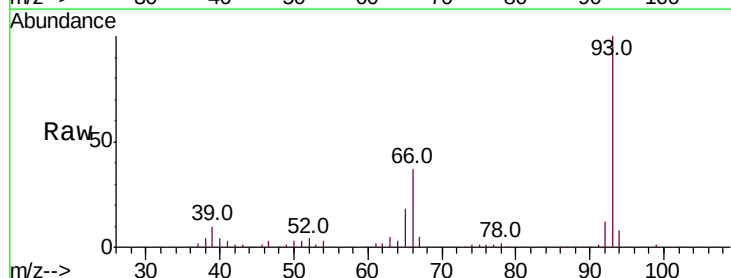
Tgt Ion: 93 Resp: 339897

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.6

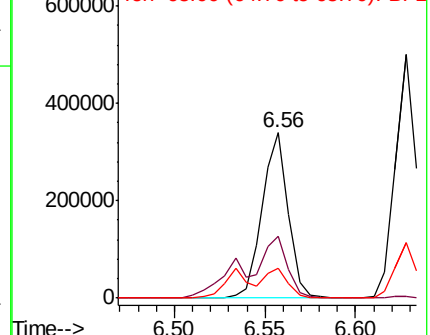
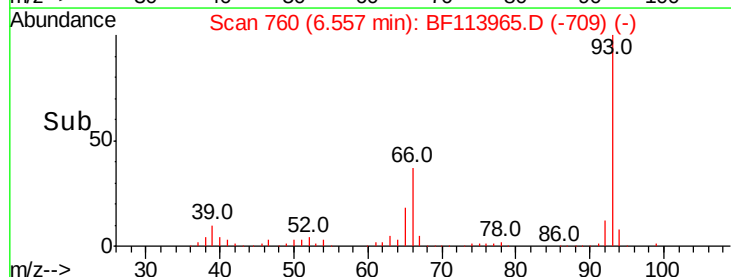
65 18.4 14.9 22.3

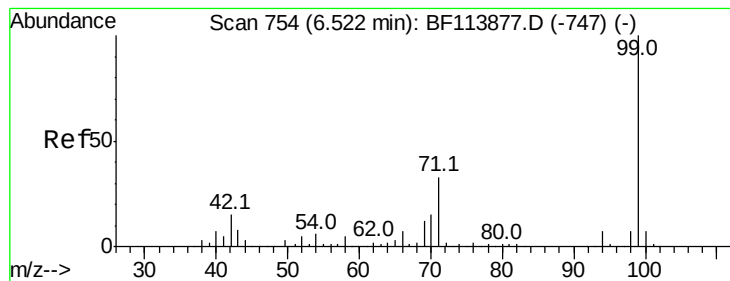


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.127 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113965.D

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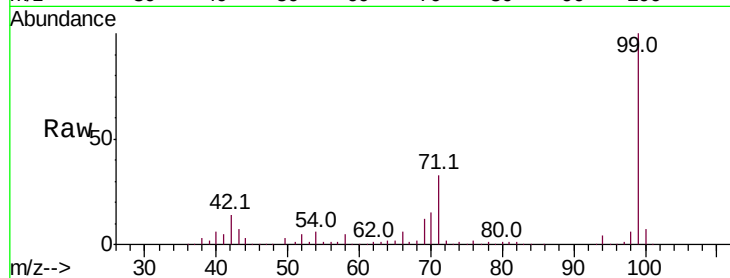
Tot Ion: 99 Resp: 502493

Ion Ratio Lower Upper

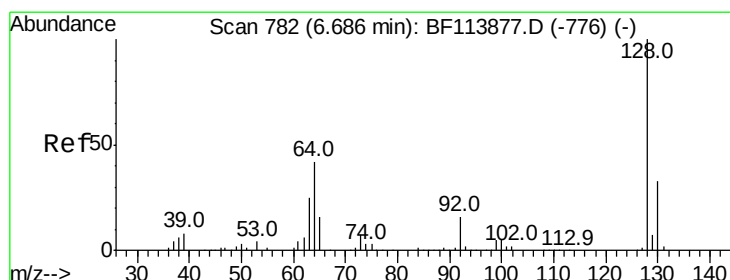
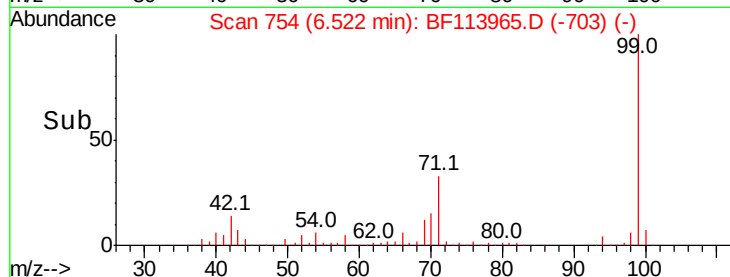
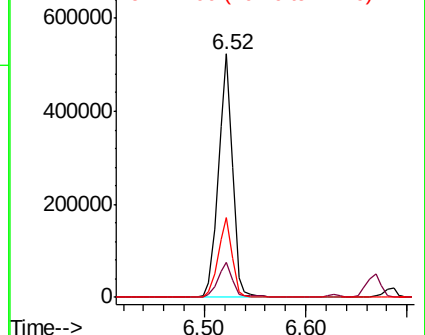
99 100

42 14.5 12.5 18.7

71 32.9 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: 34.831 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

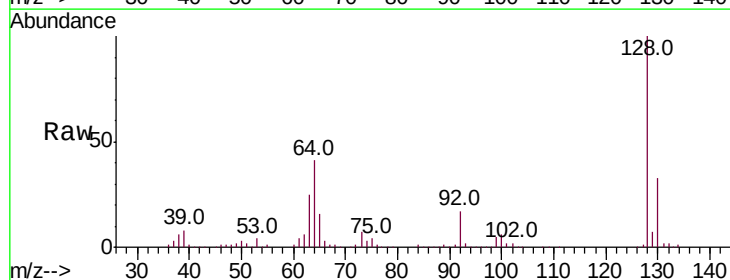
Tgt Ion: 128 Resp: 330945

Ion Ratio Lower Upper

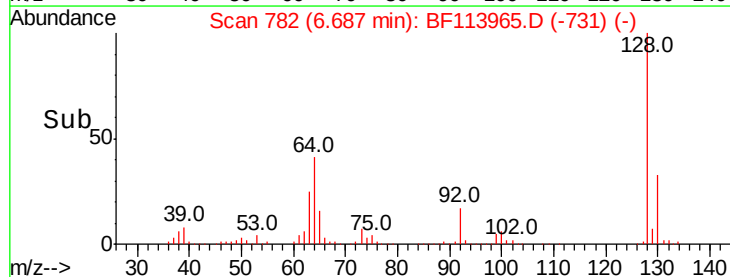
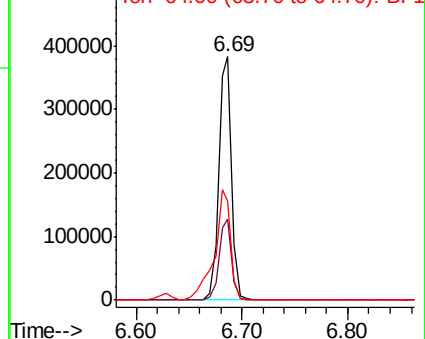
128 100

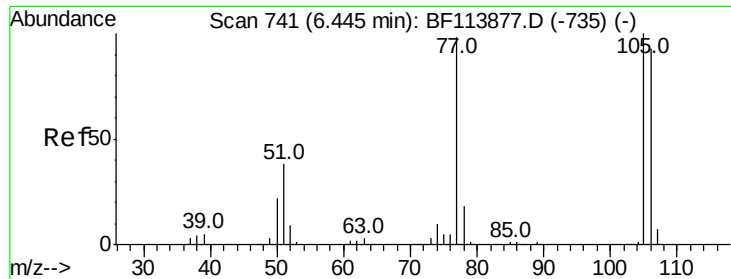
130 33.2 12.3 52.3

64 40.8 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: 13.638 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113965.D

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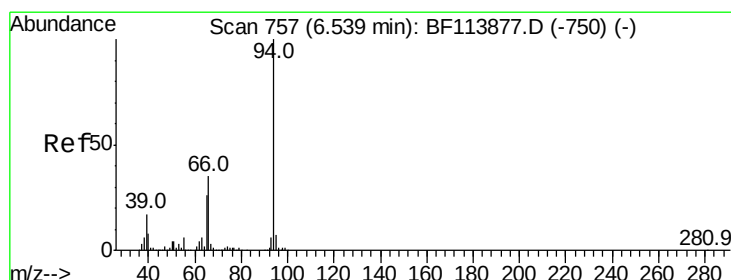
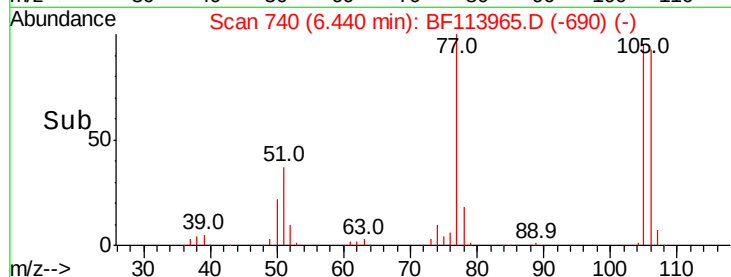
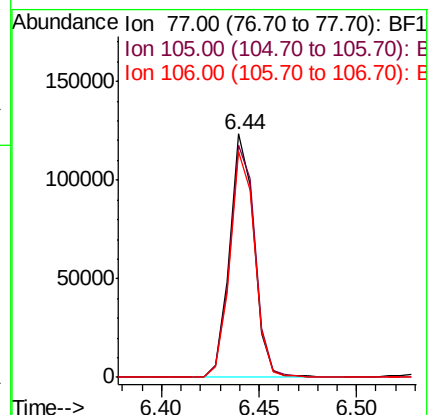
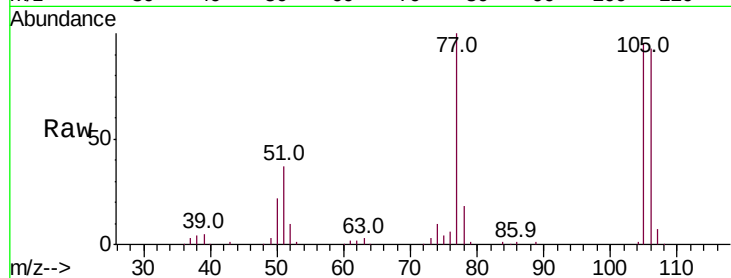
Tot Ion: 77 Resp: 107283

Ion Ratio Lower Upper

77 100

105 95.4 74.1 114.1

106 92.7 70.3 110.3



#10

Phenol

Concen: 16.099 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

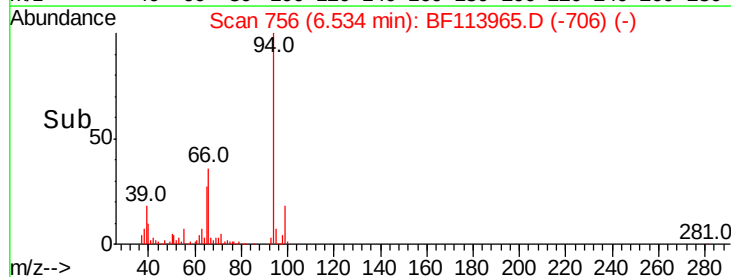
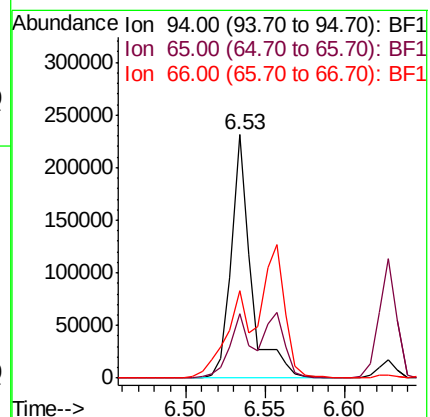
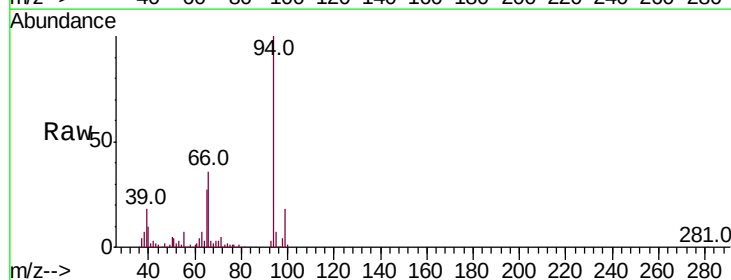
Tgt Ion: 94 Resp: 200992

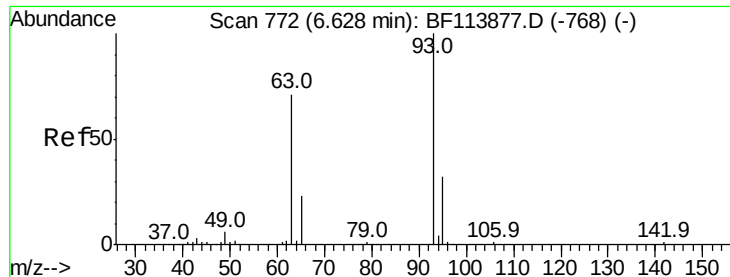
Ion Ratio Lower Upper

94 100

65 26.6 8.1 48.1

66 35.7 16.6 56.6





#11

bis(2-Chloroethyl)ether

Concen: 41.488 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

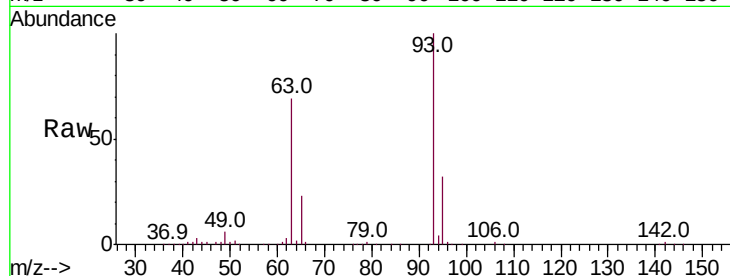
Tot Ion: 93 Resp: 389787

Ion Ratio Lower Upper

93 100

63 69.4 50.7 90.7

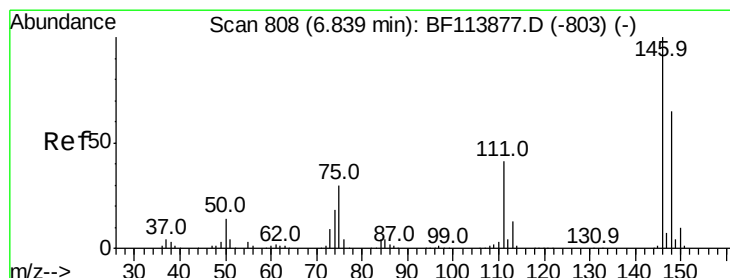
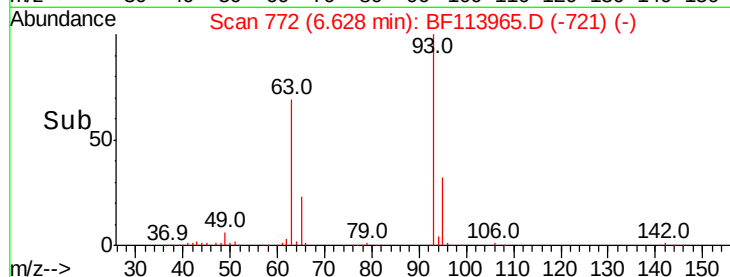
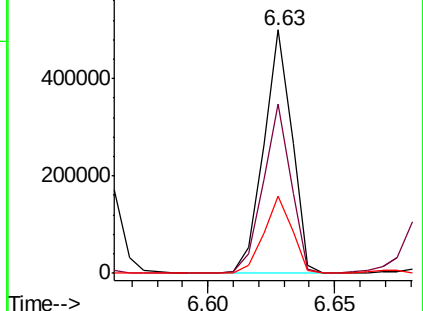
95 31.9 12.3 52.3



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: 33.532 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

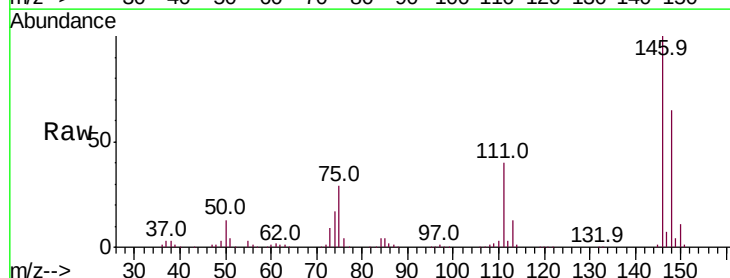
Tgt Ion: 146 Resp: 360836

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

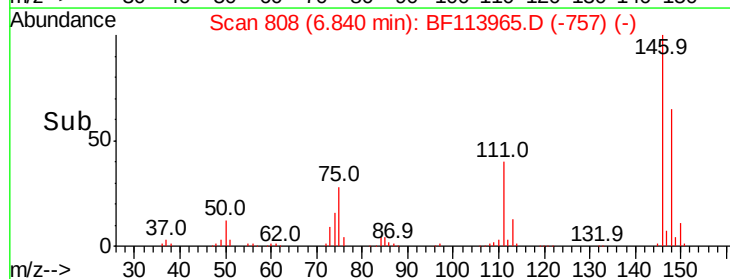
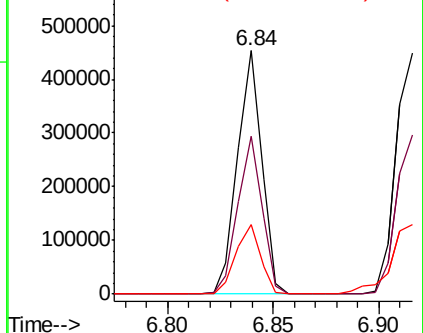
75 28.7 23.8 35.8

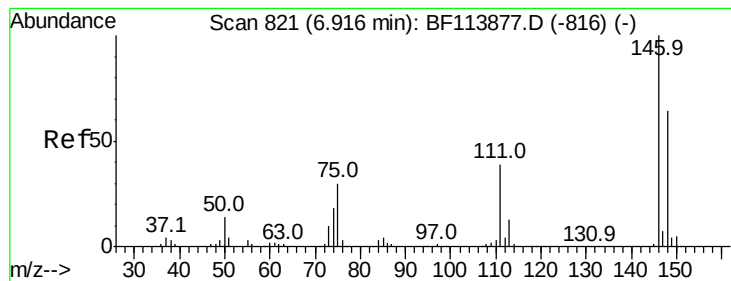


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.309 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

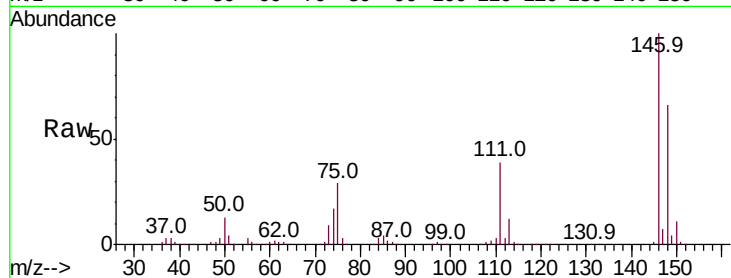
Tot Ion:146 Resp: 371339

Ion Ratio Lower Upper

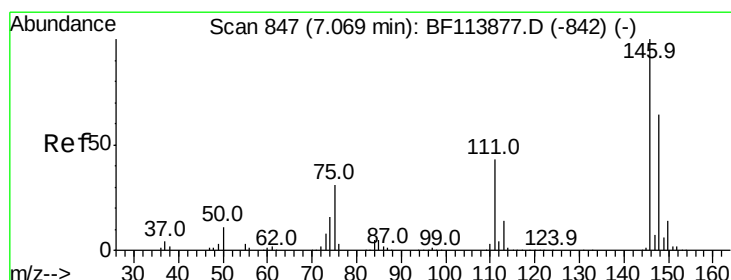
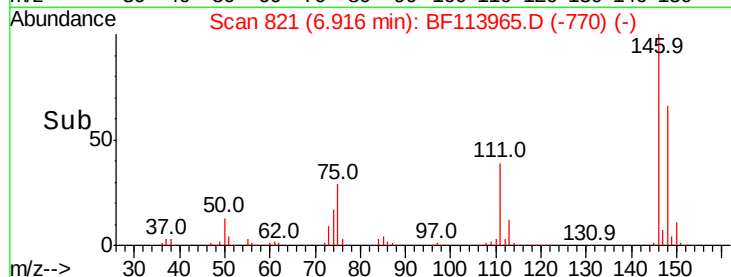
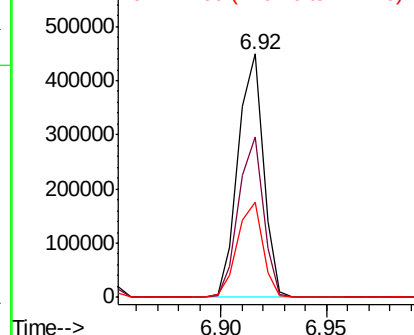
146 100

148 65.8 51.8 77.8

111 38.9 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: 35.640 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

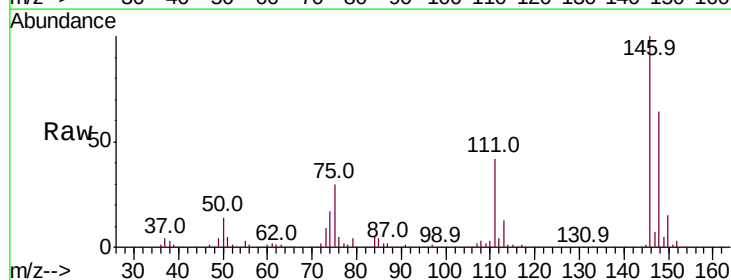
Tgt Ion:146 Resp: 354513

Ion Ratio Lower Upper

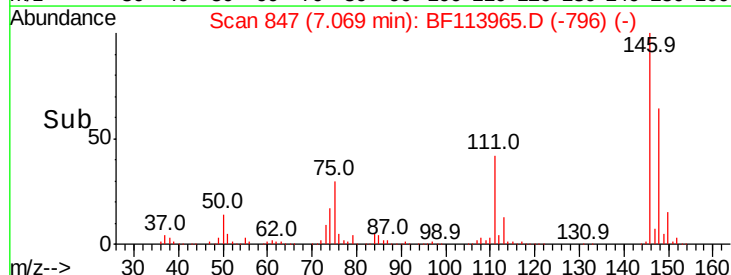
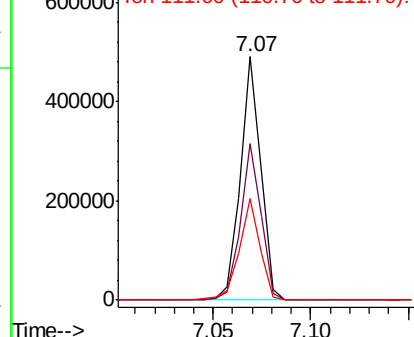
146 100

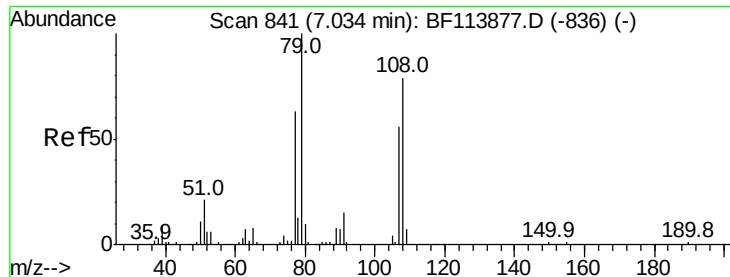
148 64.5 52.1 78.1

111 41.7 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: 32.090 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

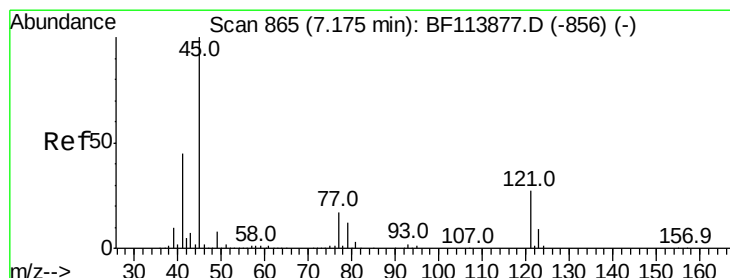
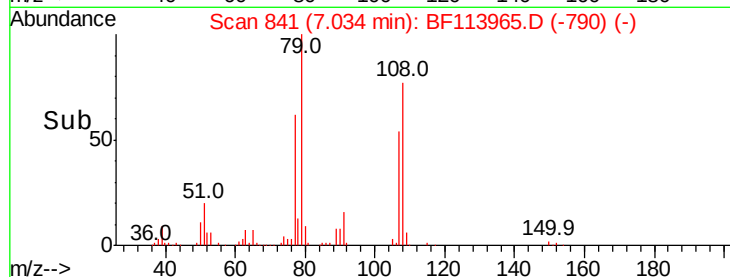
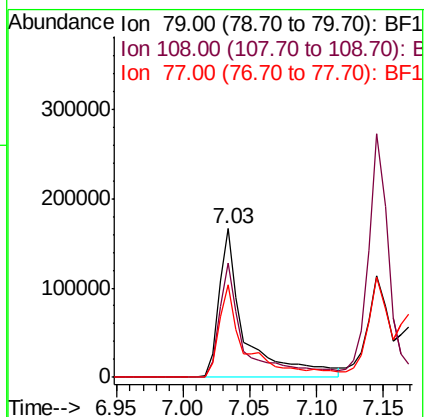
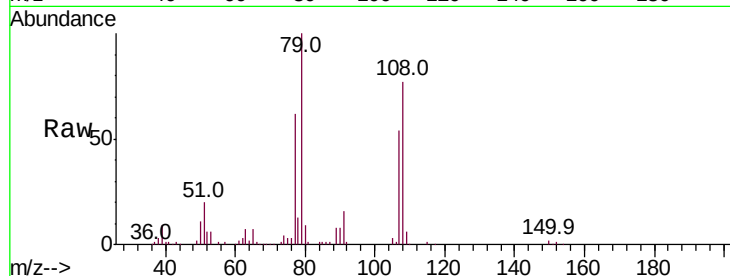
Tot Ion: 79 Resp: 225656

Ion Ratio Lower Upper

79 100

108 76.8 61.4 92.0

77 61.9 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.296 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

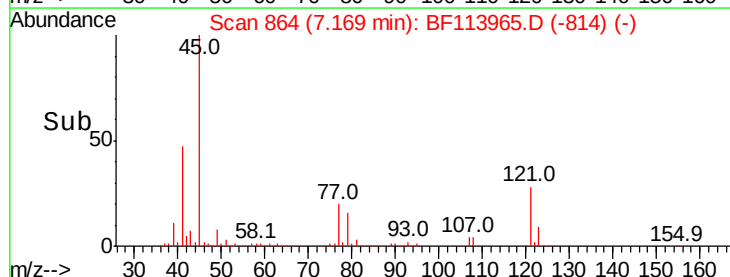
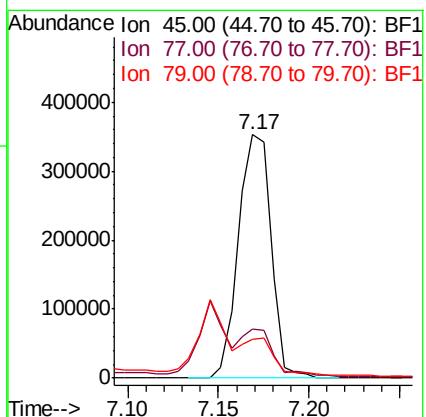
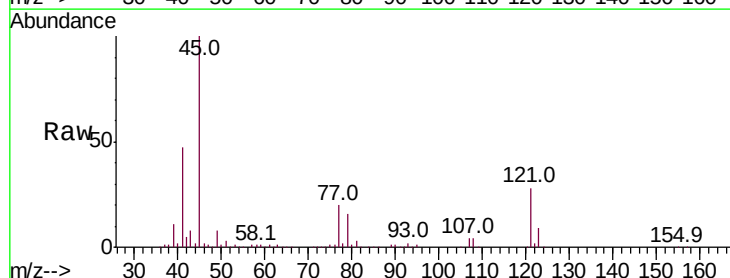
Tgt Ion: 45 Resp: 441940

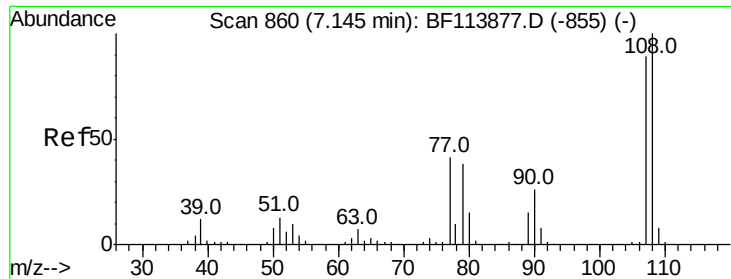
Ion Ratio Lower Upper

45 100

77 20.0 0.0 37.0

79 16.0 0.0 32.7

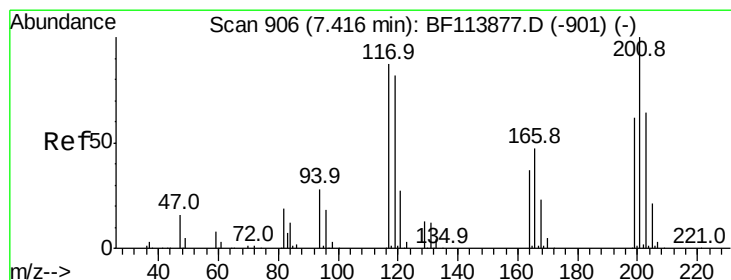
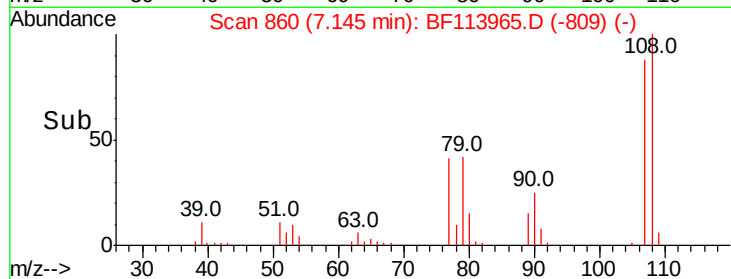
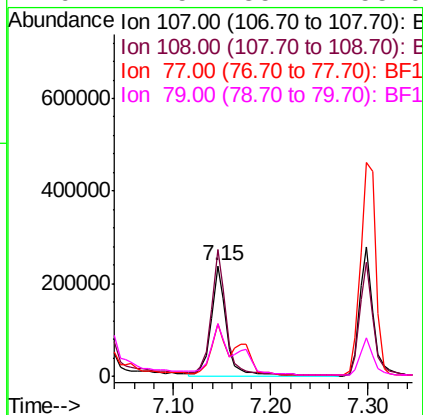
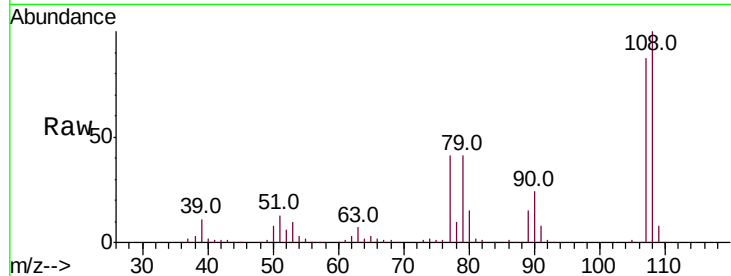




#17
2-Methylphenol
Concen: 31.984 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

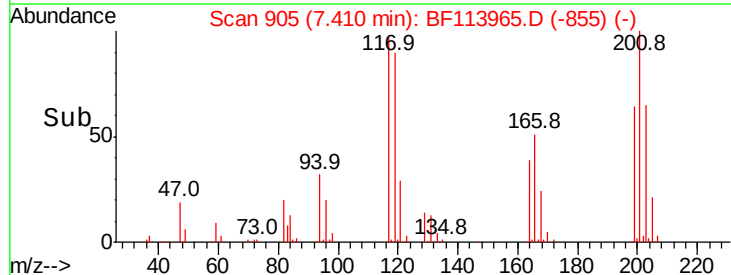
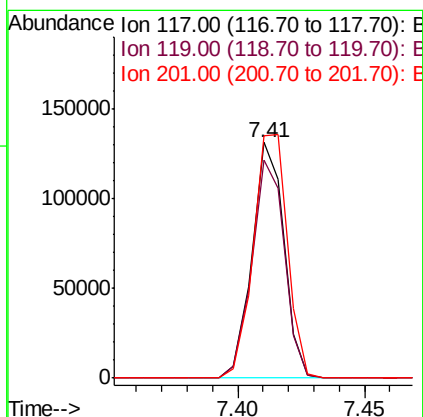
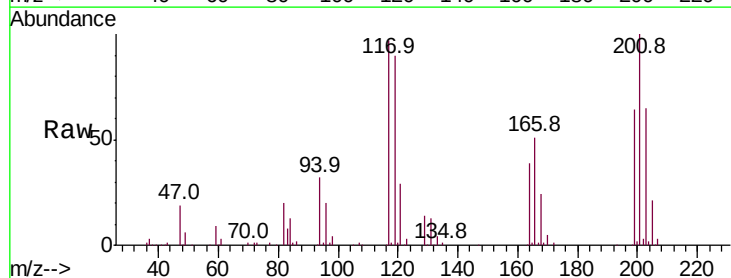
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

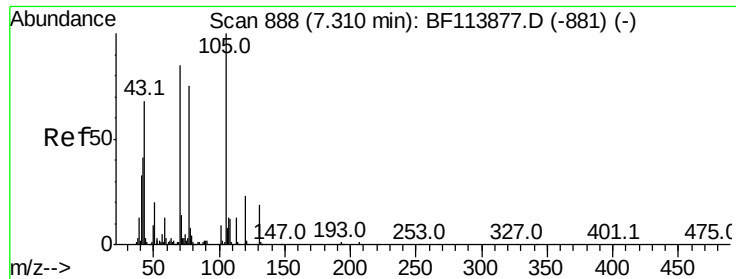
Tot Ion:	107	Resp:	266377
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	47.1	36.2	54.4
79	47.5	35.4	53.0



#18
Hexachloroethane
Concen: 30.454 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:	117	Resp:	115544
Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.4	111.6
201	102.6	90.2	135.2

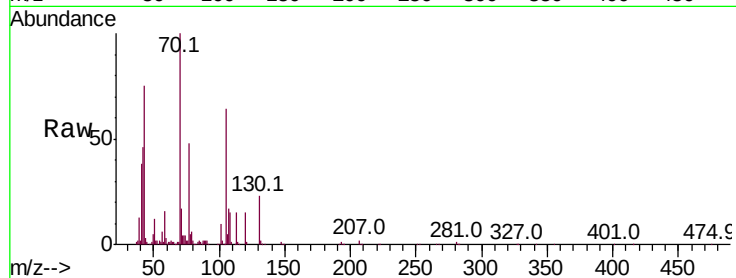




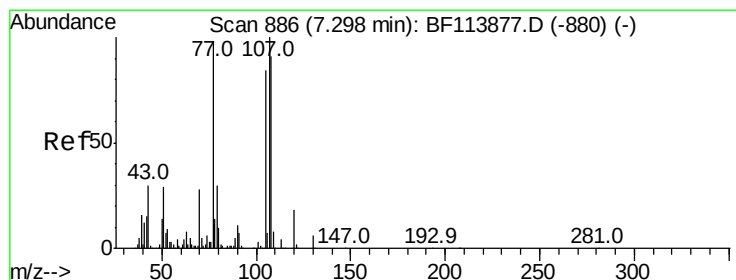
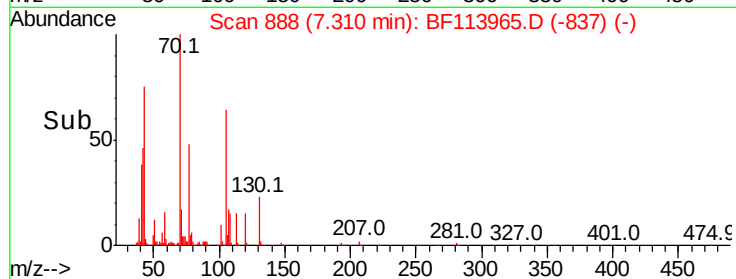
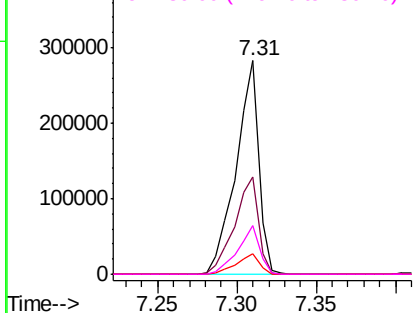
#19
n-Nitroso-di-n-propylamine
Concen: 41.572 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion:	70	Resp:	281087
Ion	Ratio	Lower	Upper
70	100		
42	45.6	37.3	55.9
101	9.8	7.8	11.8
130	22.7	18.2	27.2

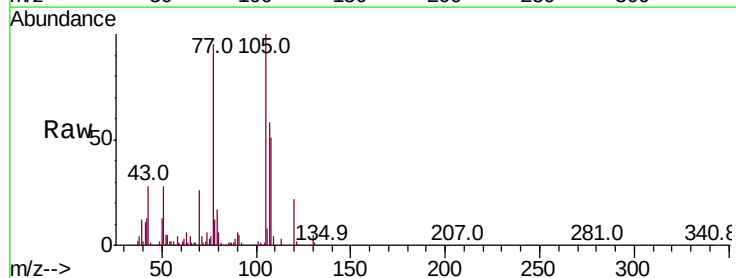


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

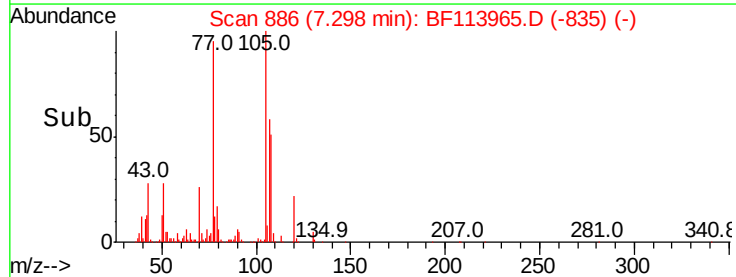
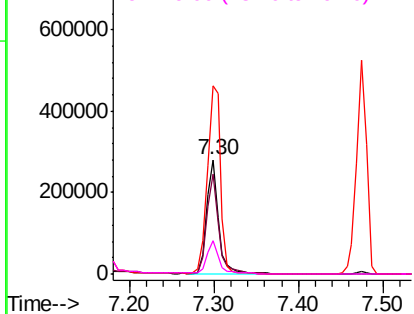


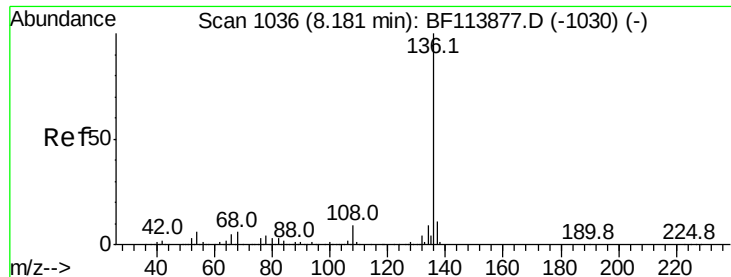
#20
3+4-Methylphenols
Concen: 29.188 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:	107	Resp:	274648
Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.1	110.1
77	164.5	52.9	92.9#
79	29.7	10.2	50.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tot Ion:136 Resp: 512842

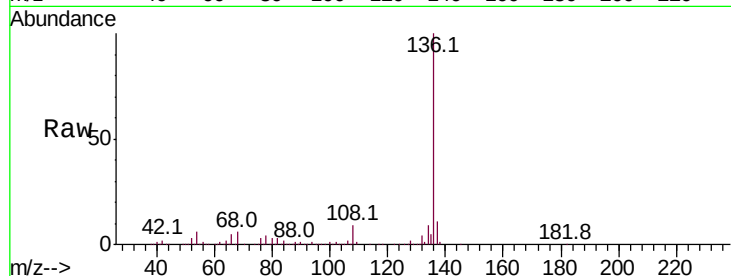
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 5.7 5.0 7.6

68 5.7 4.9 7.3

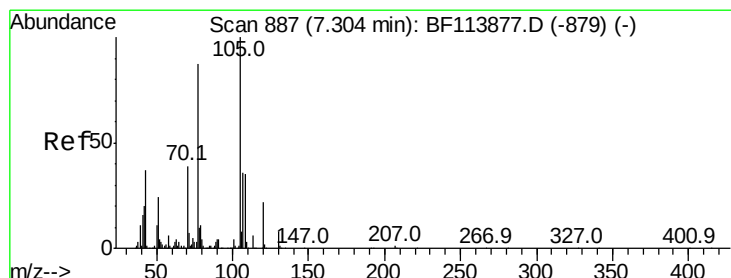
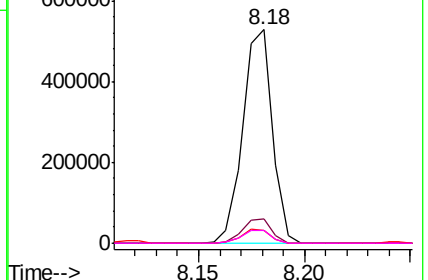
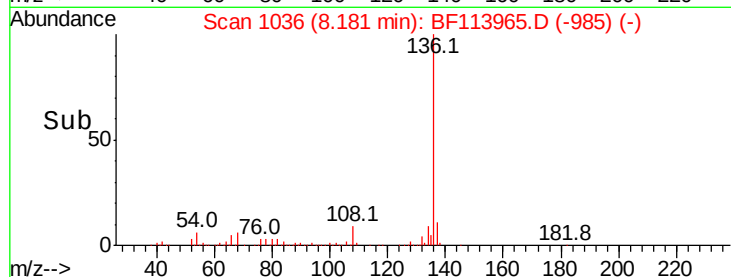


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.584 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Tgt Ion:105 Resp: 554467

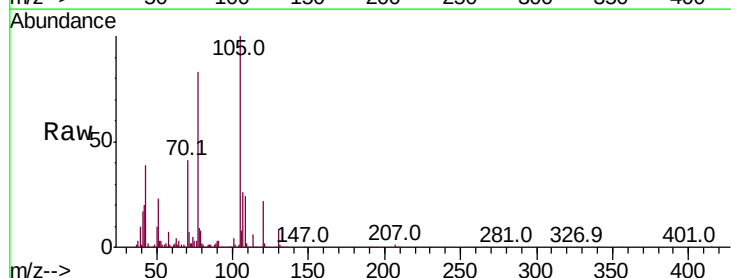
Ion Ratio Lower Upper

105 100

71 7.0 6.1 9.1

51 23.1 16.8 25.2

120 22.1 17.6 26.4

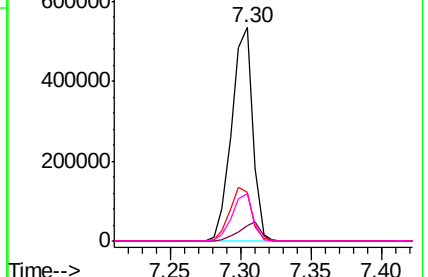
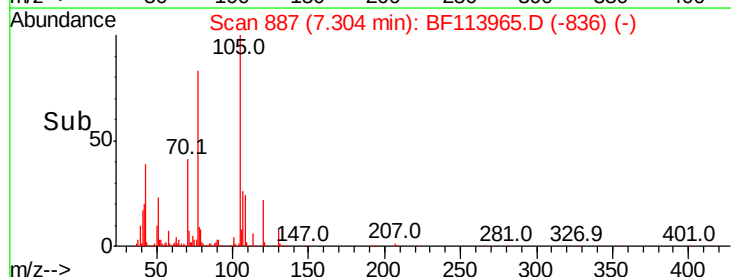


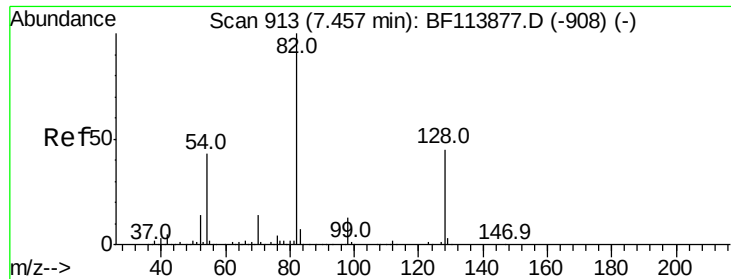
Abundance Ion 105.00 (104.70 to 105.70): E

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

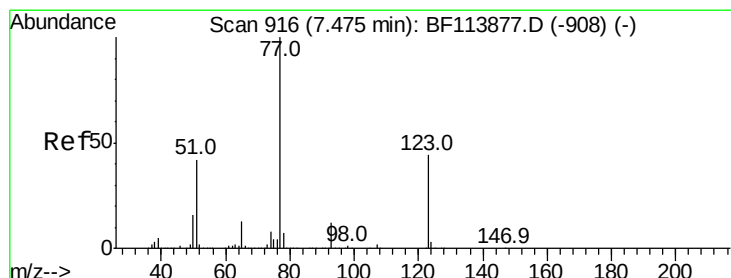
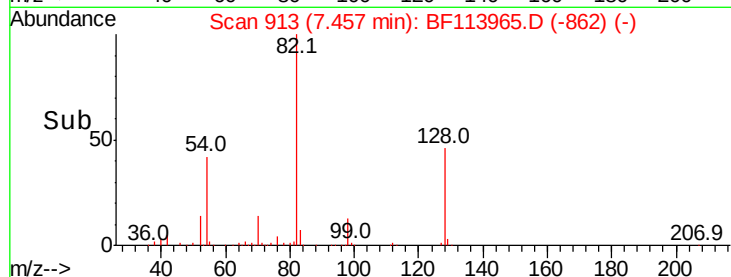
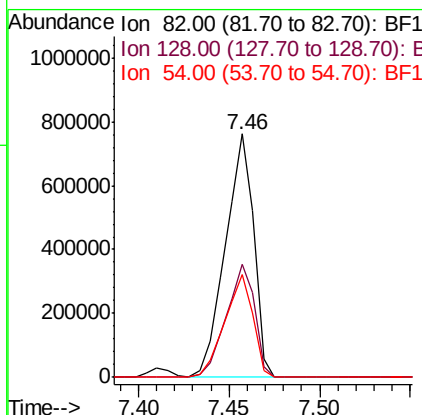
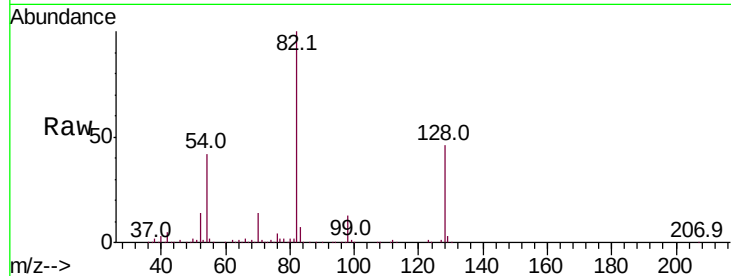




#23
 Nitrobenzene-d5
 Concen: 99.517 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

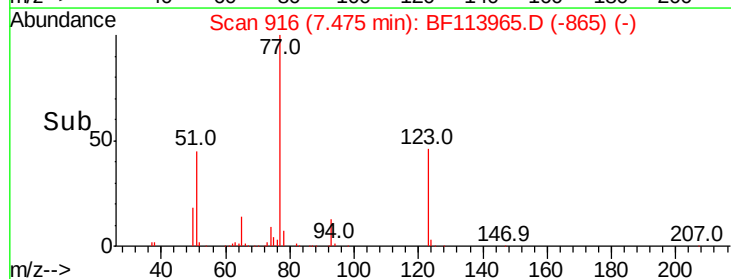
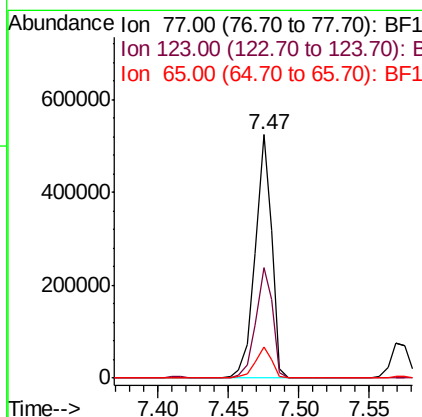
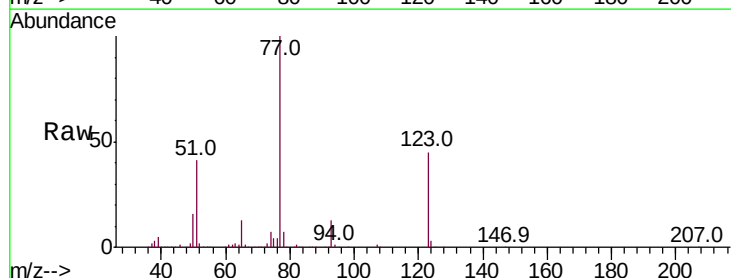
Instrument :
 BNA_F
 ClientSampleID :
 GMW-7MS

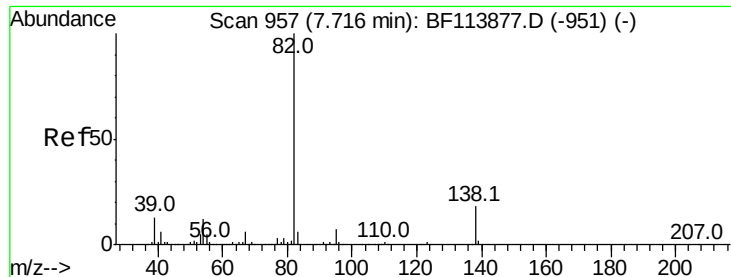
Tot Ion: 82 Resp: 826584
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.8 55.2
 54 42.3 33.8 50.6



#24
 Nitrobenzene
 Concen: 47.254 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion: 77 Resp: 433681
 Ion Ratio Lower Upper
 77 100
 123 45.2 36.3 54.5
 65 12.7 10.3 15.5





#25

Isophorone

Concen: 45.178 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

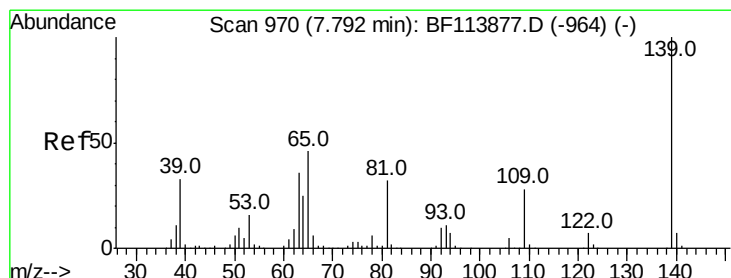
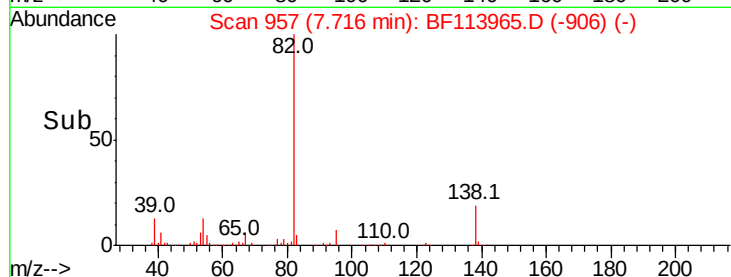
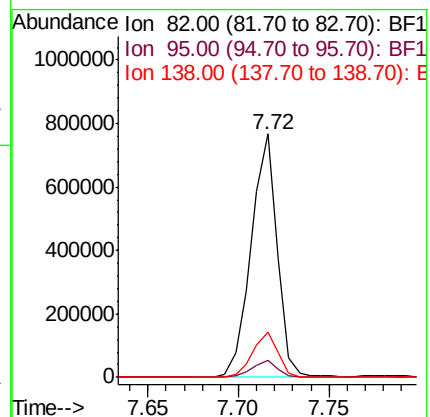
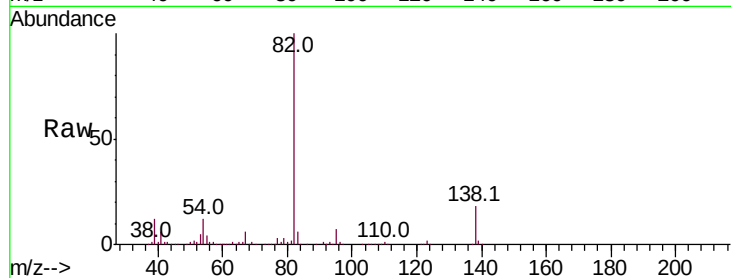
Tot Ion: 82 Resp: 767814

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 47.630 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

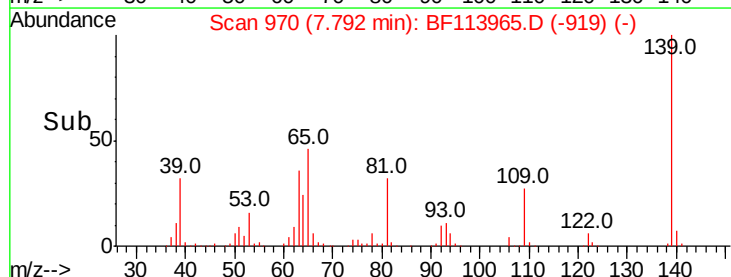
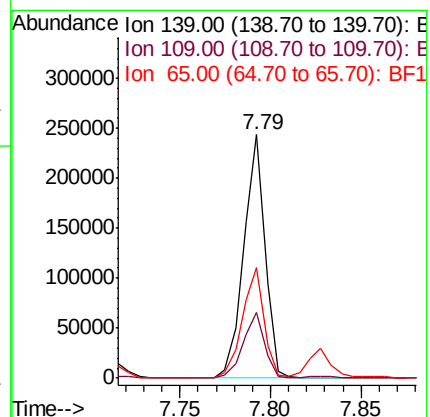
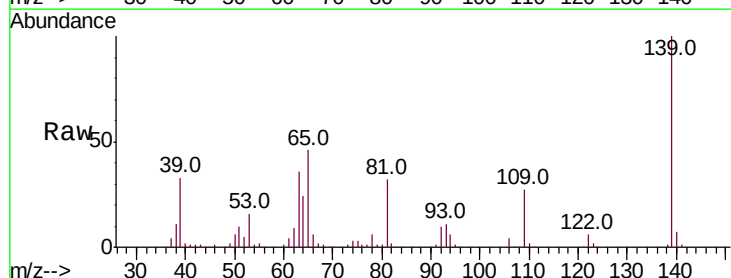
Tgt Ion: 139 Resp: 199422

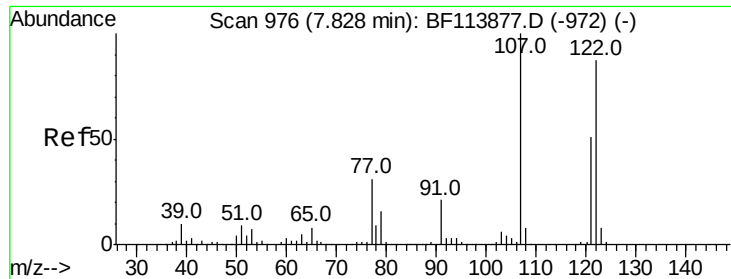
Ion Ratio Lower Upper

139 100

109 27.1 20.6 31.0

65 45.5 34.6 52.0

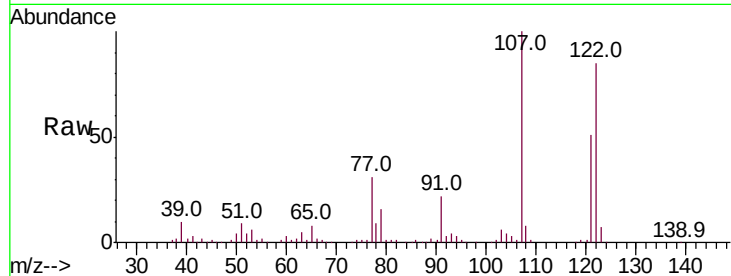




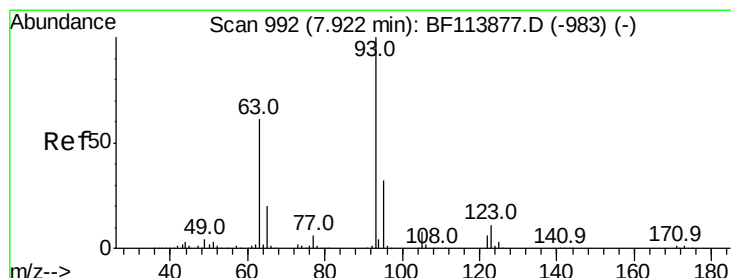
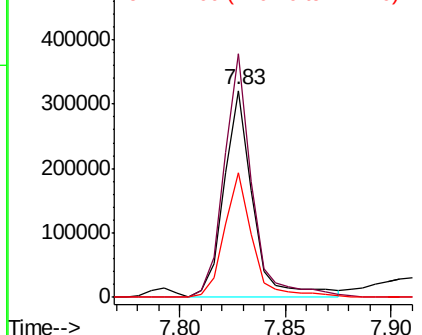
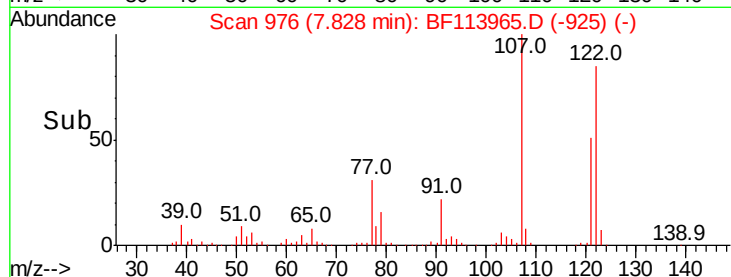
#27
 2,4-Dimethylphenol
 Concen: 44.192 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:122 Resp: 301464
 Ion Ratio Lower Upper
 122 100
 107 117.6 91.2 136.8
 121 59.9 46.4 69.6

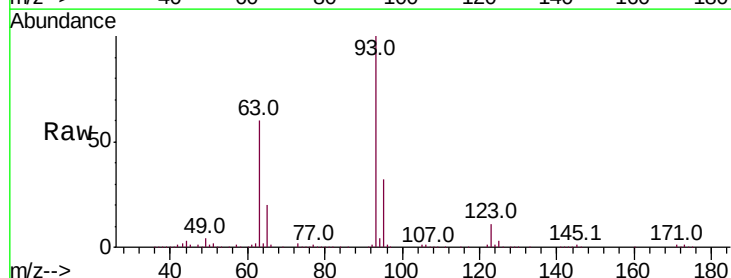


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

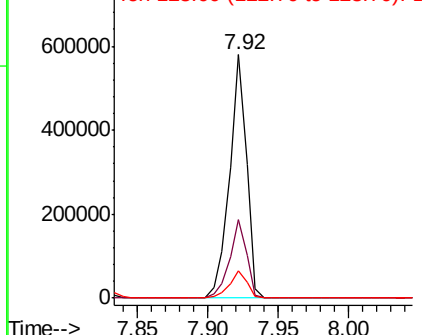
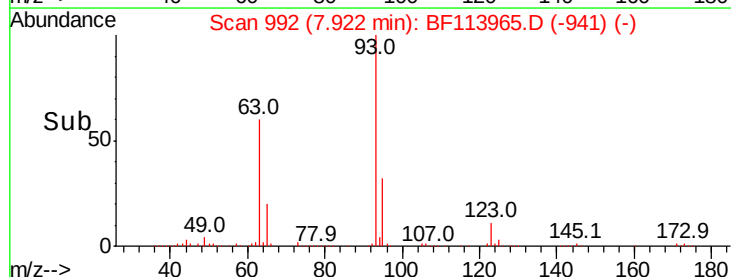


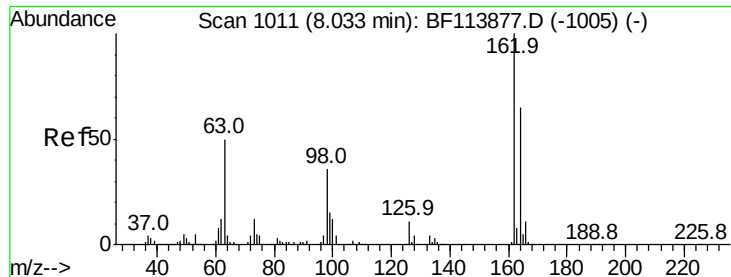
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.059 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion: 93 Resp: 487975
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 11.0 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

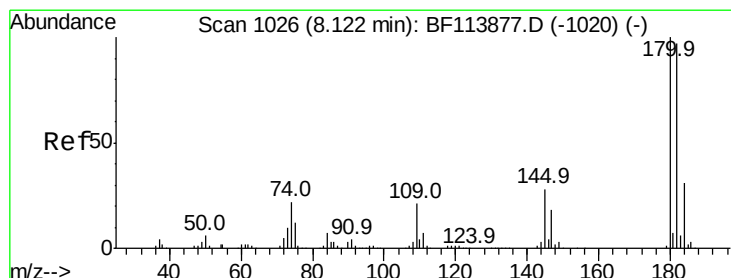
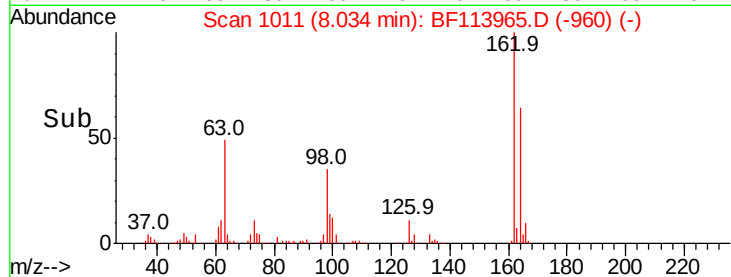
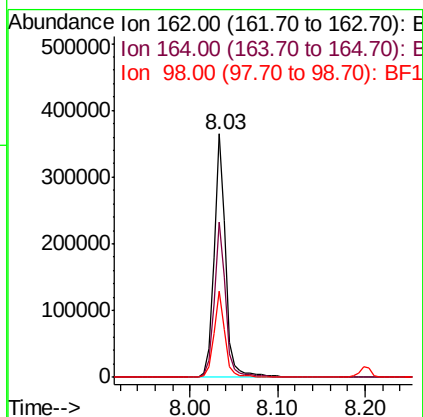
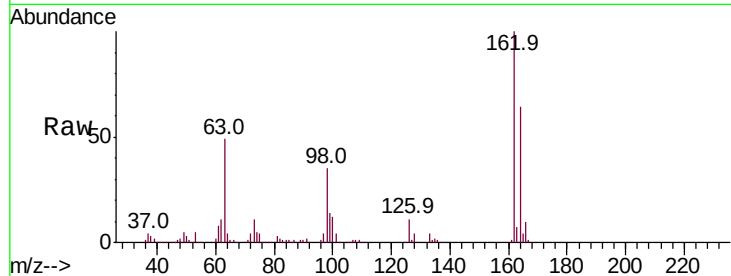




#29
 2,4-Dichlorophenol
 Concen: 42.628 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

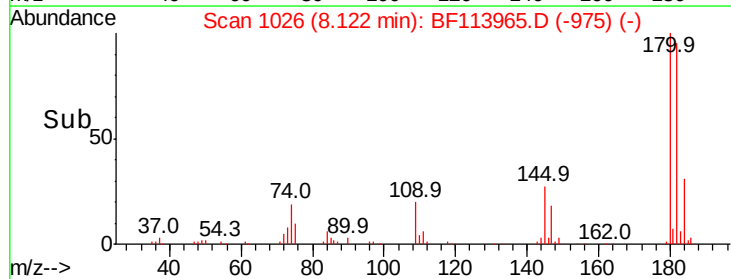
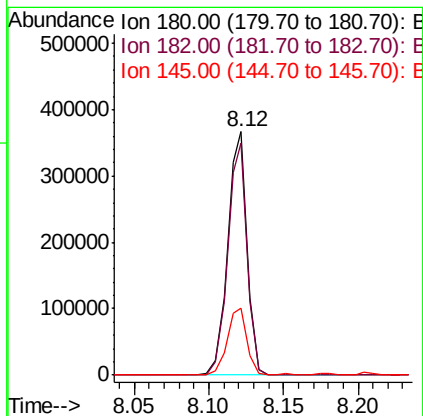
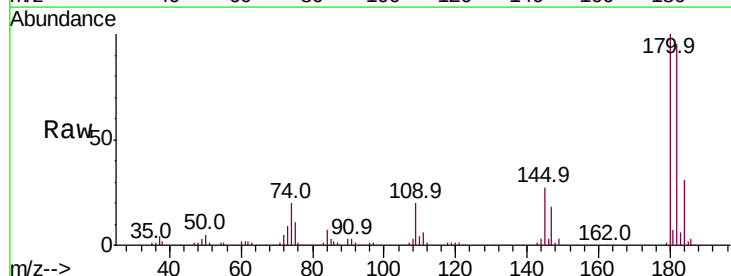
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

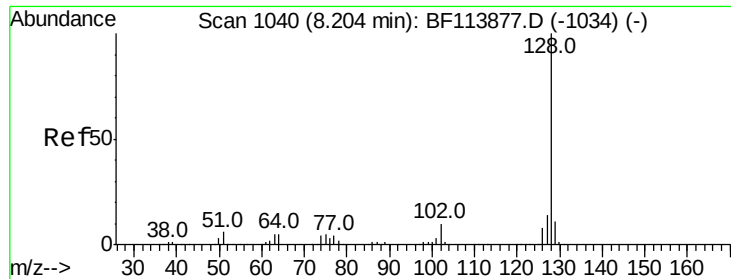
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	35.3	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.793 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	27.3	23.0	34.4

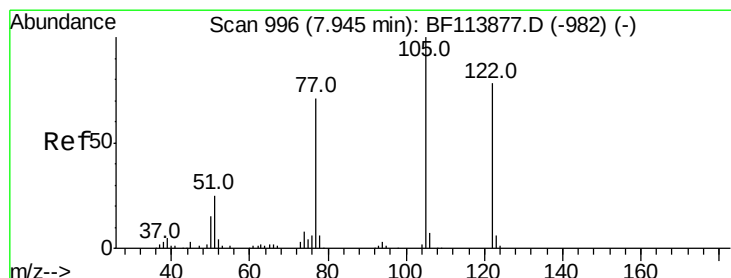
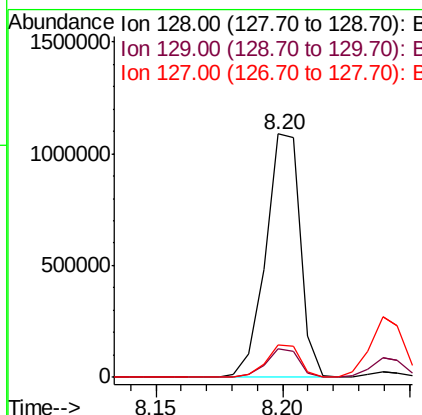
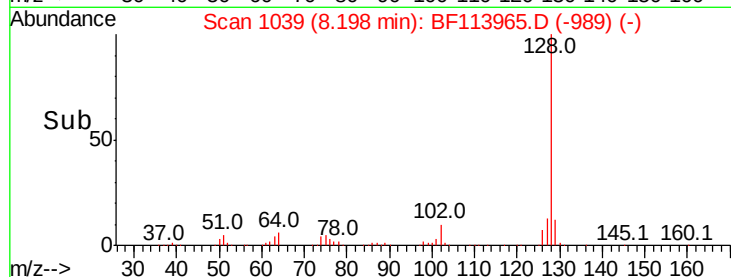
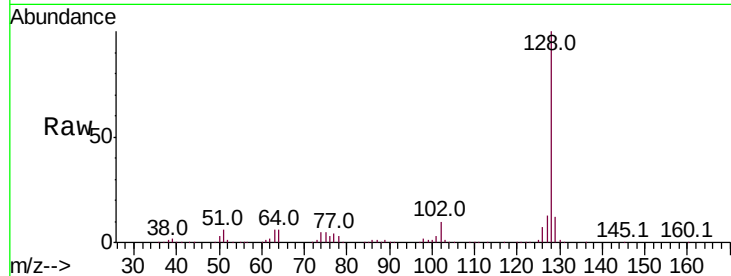




#31
Naphthalene
Concen: 42.799 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

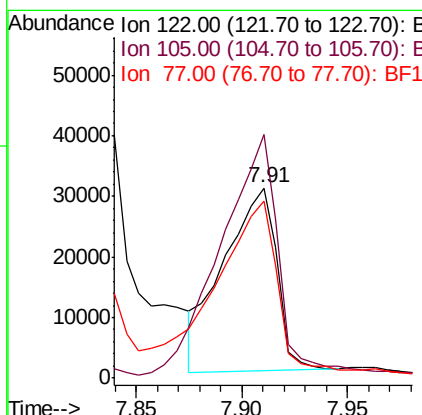
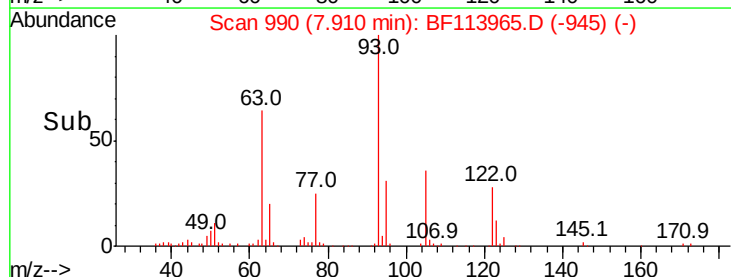
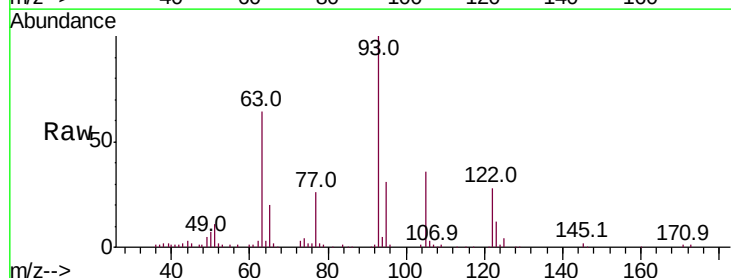
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

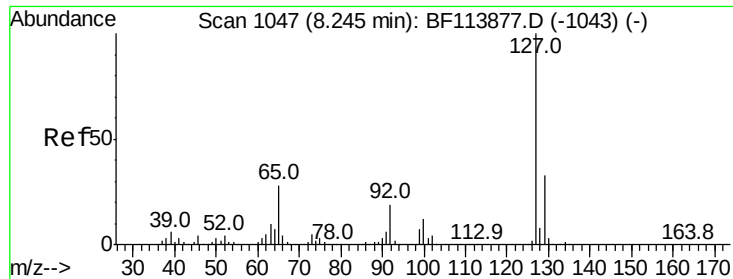
Tot Ion:128 Resp: 1042698
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 11.439 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:122 Resp: 52696
Ion Ratio Lower Upper
122 100
105 128.1 104.3 144.3
77 93.6 70.4 110.4

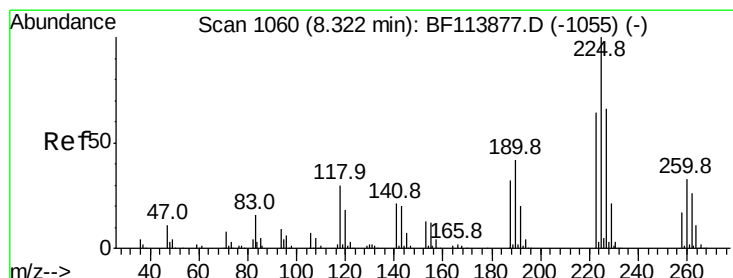
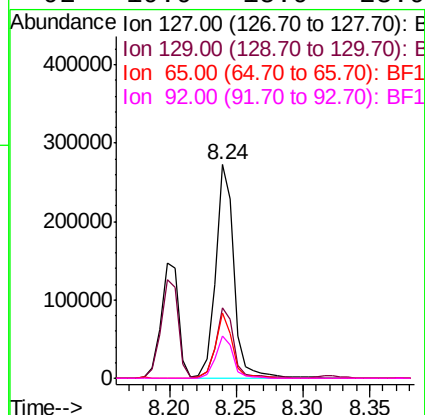
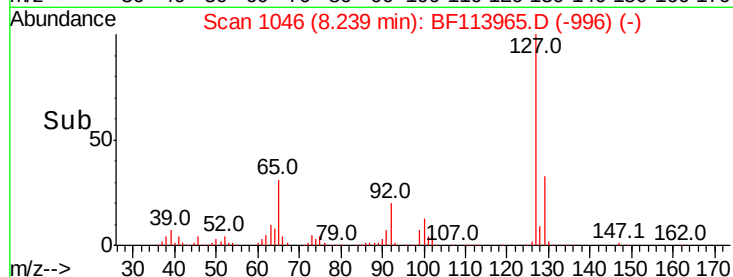
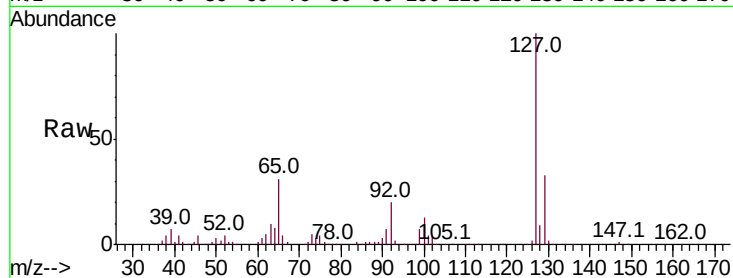




#33
4-Chloroaniline
Concen: 25.502 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

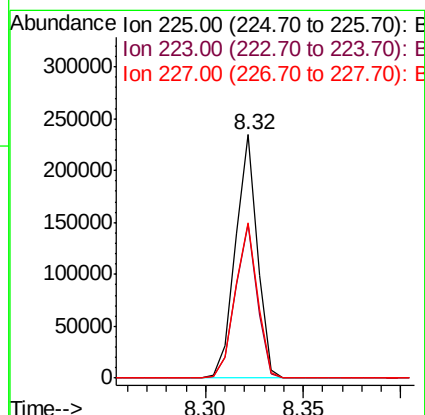
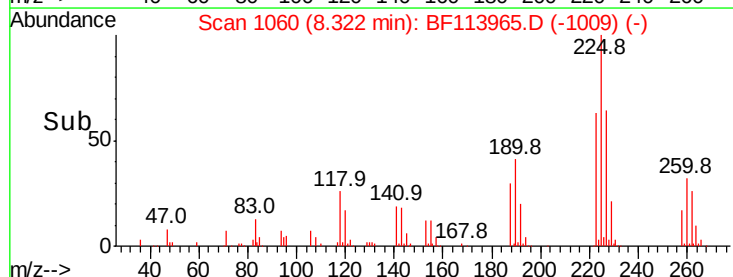
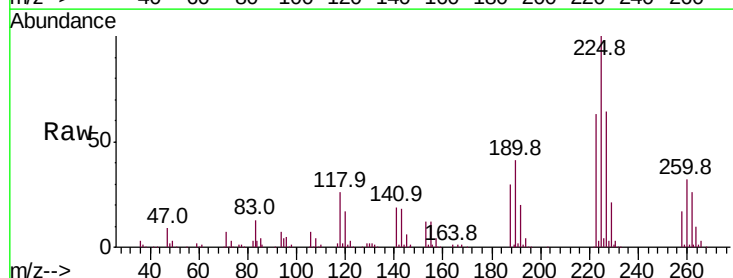
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

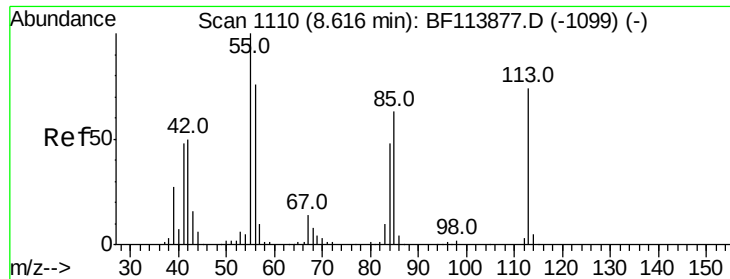
Tot Ion:	127	Resp:	262893
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.4	39.6
65	30.8	24.9	37.3
92	19.9	15.9	23.9



#34
Hexachlorobutadiene
Concen: 33.727 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:	225	Resp:	182873
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	63.6	49.9	74.9

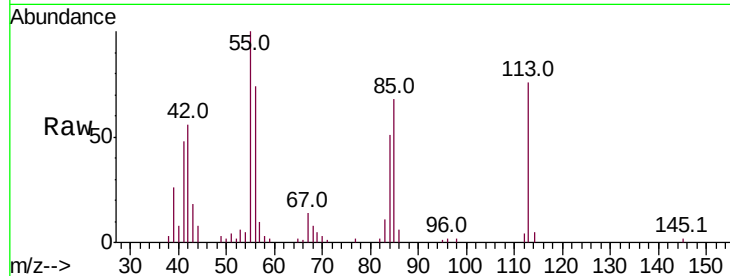




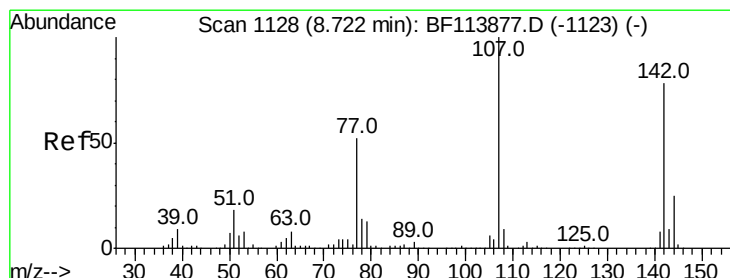
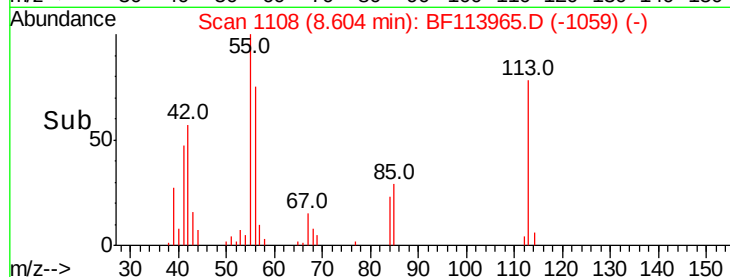
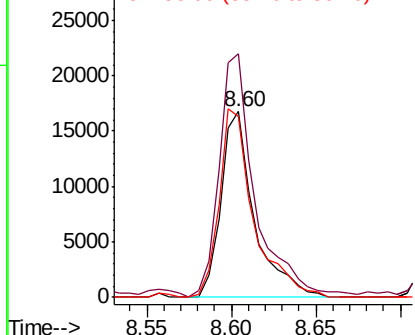
#35
 Caprolactam
 Concen: 9.294 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:113 Resp: 23062
 Ion Ratio Lower Upper
 113 100
 55 131.0 128.6 168.6
 56 97.2 91.9 131.9

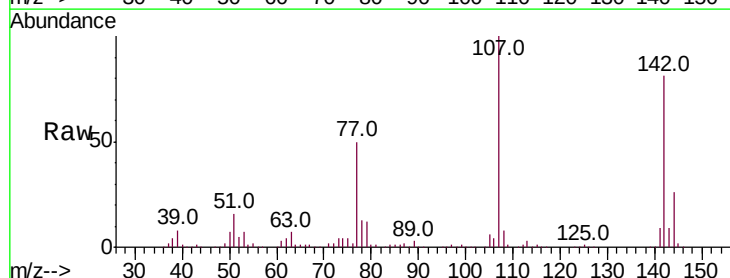


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

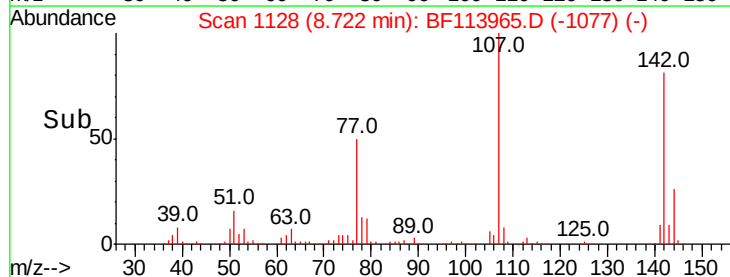
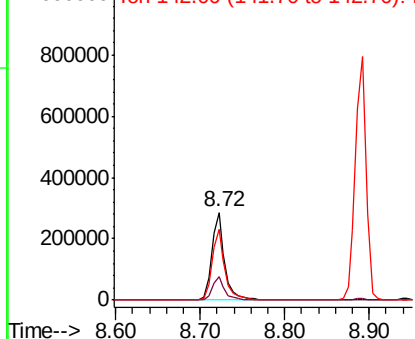


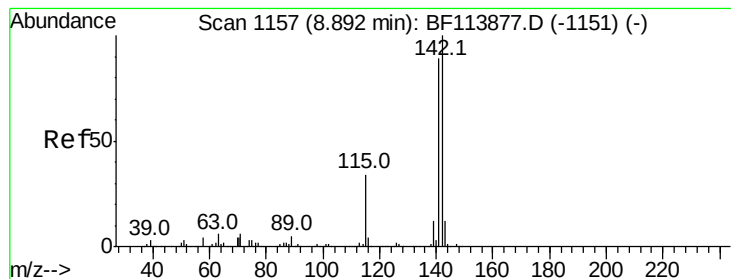
#36
 4-Chloro-3-methylphenol
 Concen: 39.736 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:107 Resp: 307096
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 81.0 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

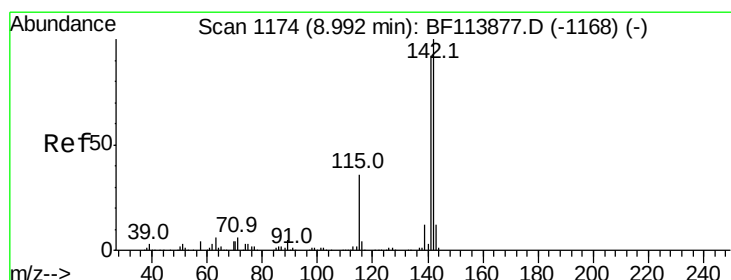
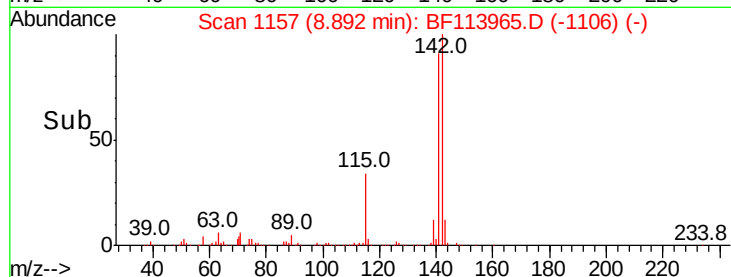
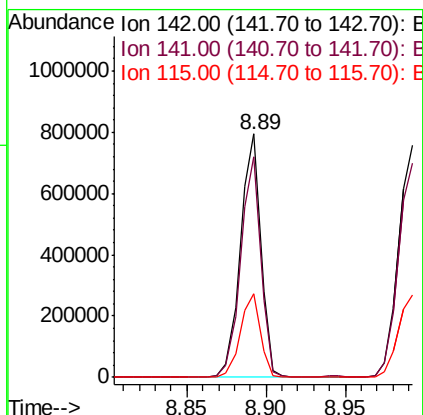
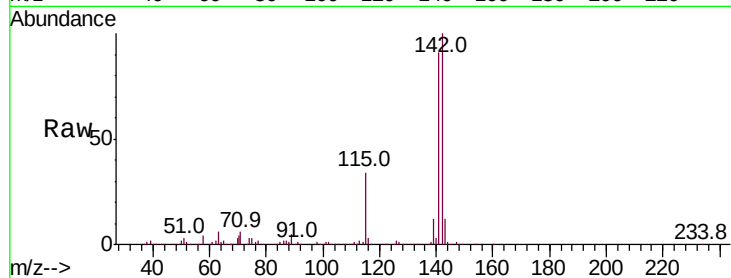




#37
2-Methylnaphthalene
Concen: 43.148 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

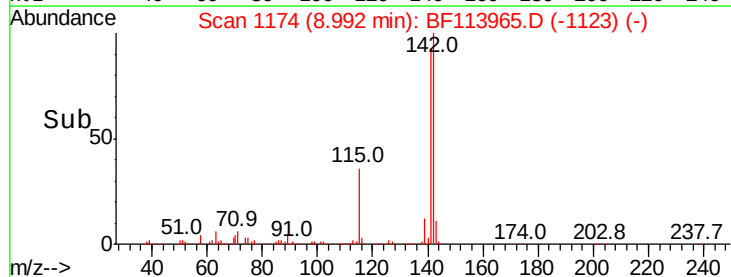
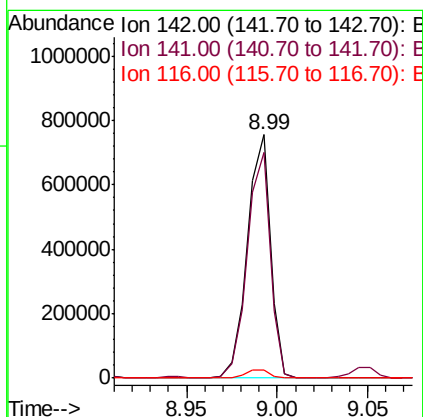
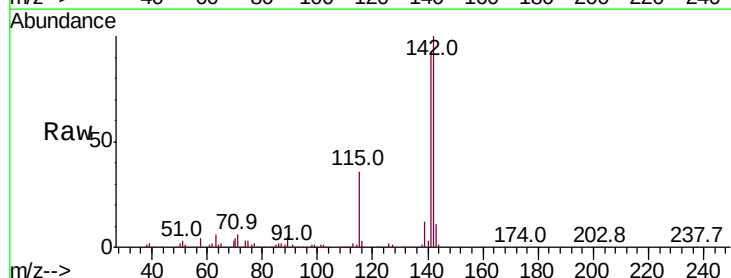
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

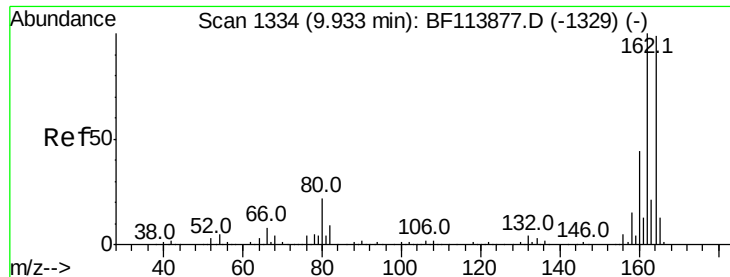
Tot Ion:142 Resp: 708876
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6
115 34.2 26.3 39.5



#38
1-Methylnaphthalene
Concen: 42.340 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:142 Resp: 671374
Ion Ratio Lower Upper
142 100
141 92.8 72.3 108.5
116 3.5 3.0 4.4

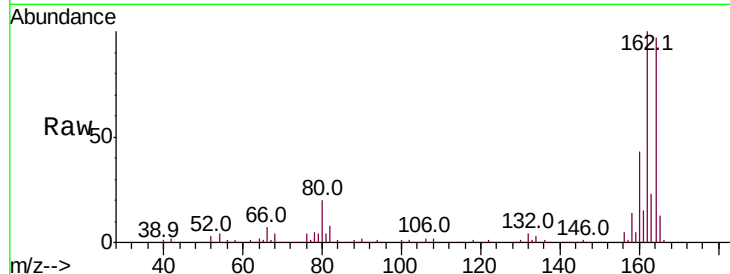




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.1	121.7
160	44.3	35.8	53.6

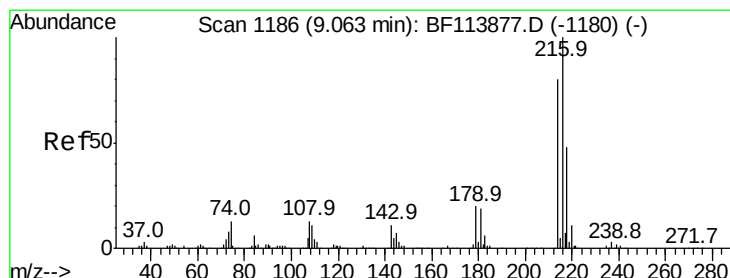
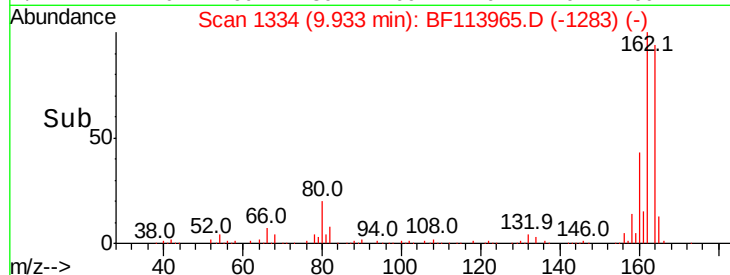
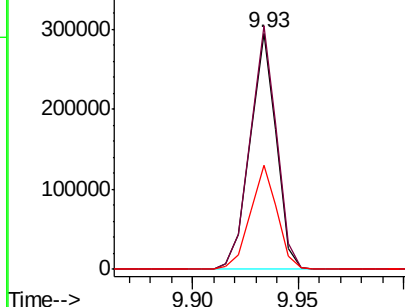


Abundance

Ion 164.00 (163.70 to 164.70): E

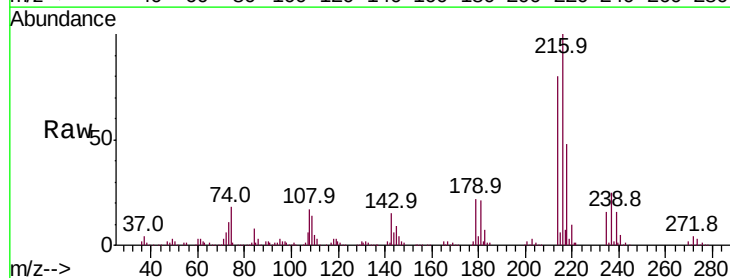
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.944 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	20.4	16.1	24.1
108	16.9	13.4	20.0



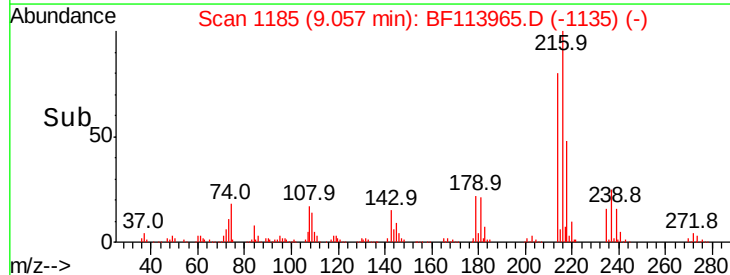
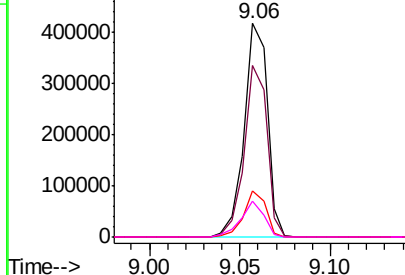
Abundance

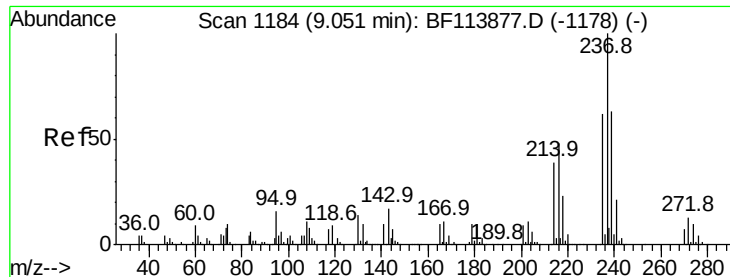
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

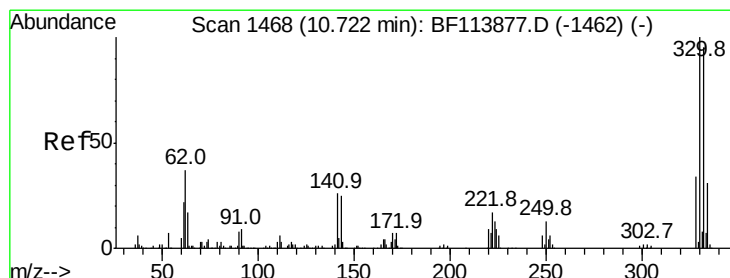
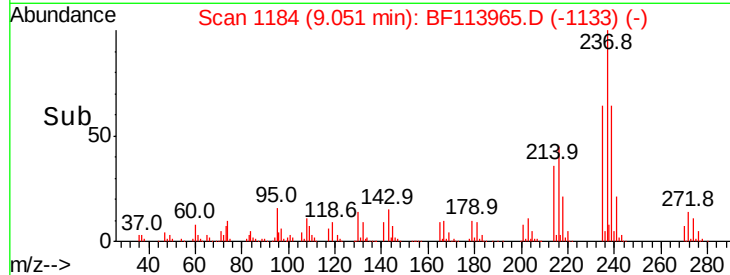
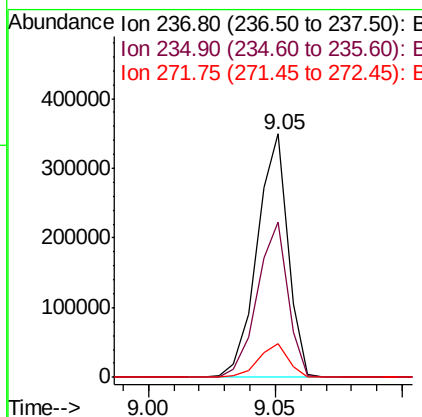
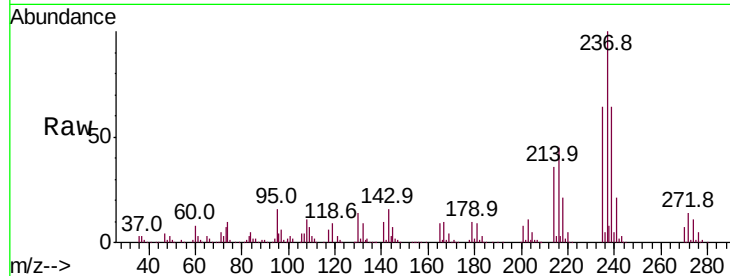




#41
 Hexachlorocyclopentadiene
 Concen: 64.678 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

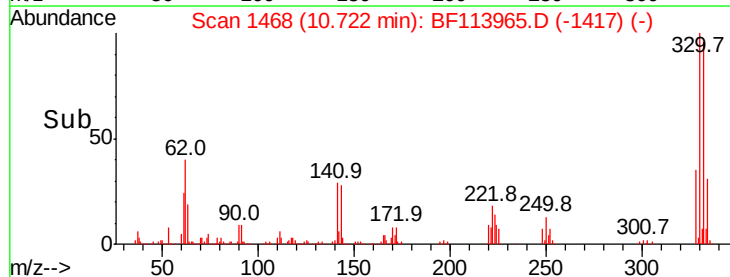
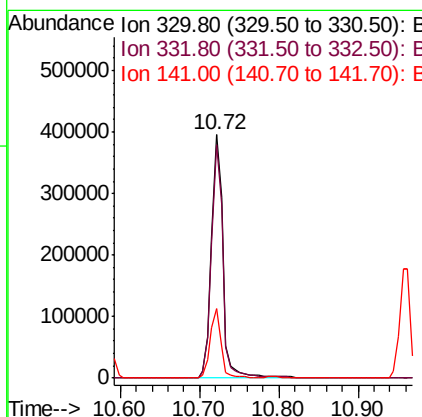
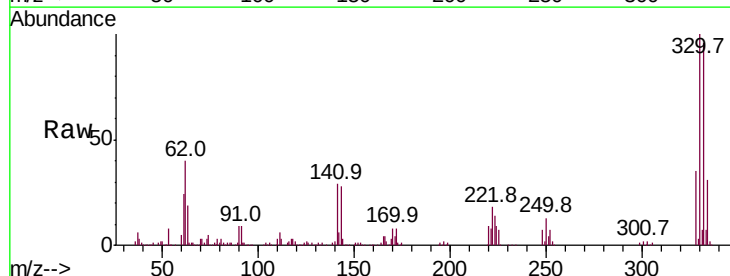
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

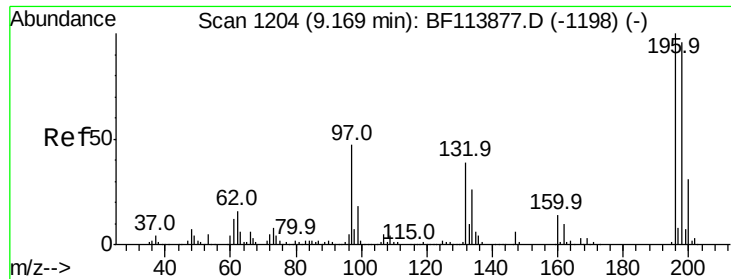
Tot Ion:	237	Resp:	297220
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.6	82.6
272	13.7	0.0	33.8



#42
 2,4,6-Tribromophenol
 Concen: 130.100 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:	330	Resp:	402070
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.5	116.3
141	27.1	22.2	33.2

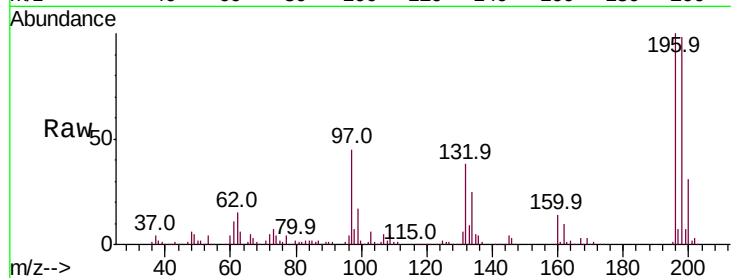




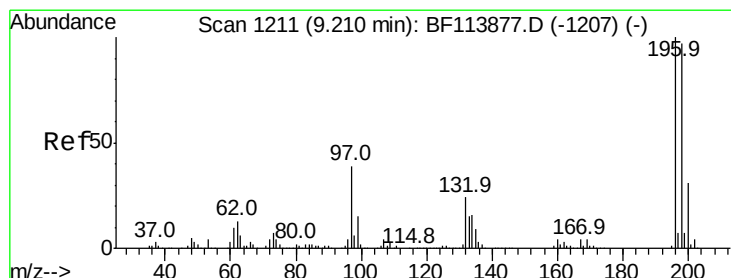
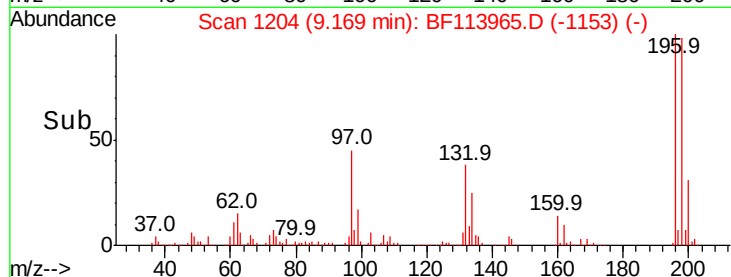
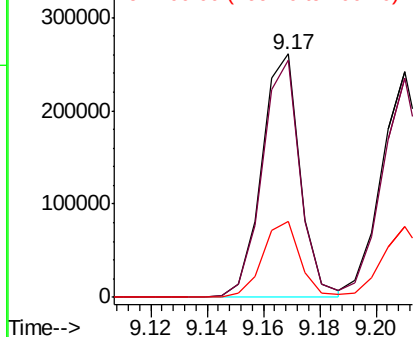
#43
 2,4,6-Trichlorophenol
 Concen: 47.059 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:196 Resp: 246250
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.6 113.4
 200 31.1 24.7 37.1

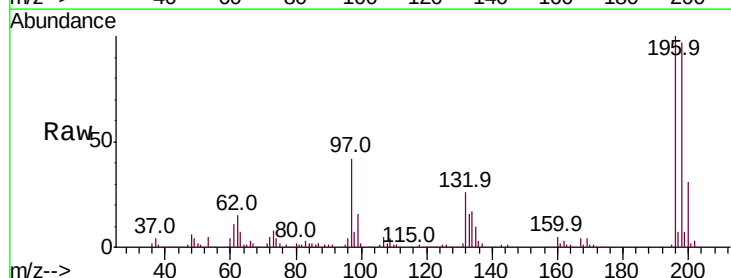


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

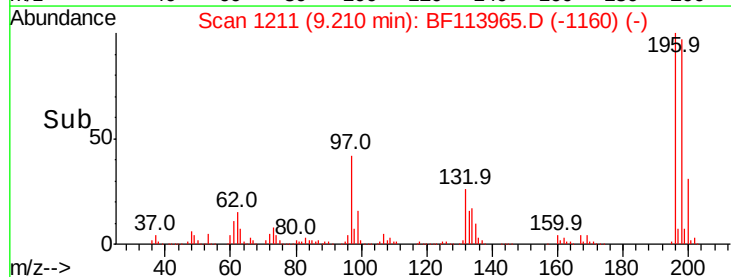
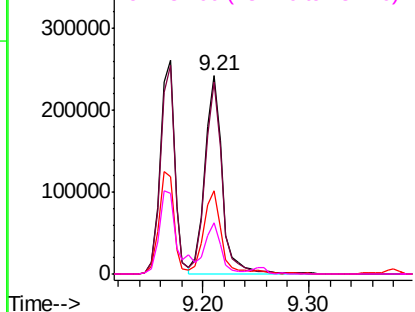


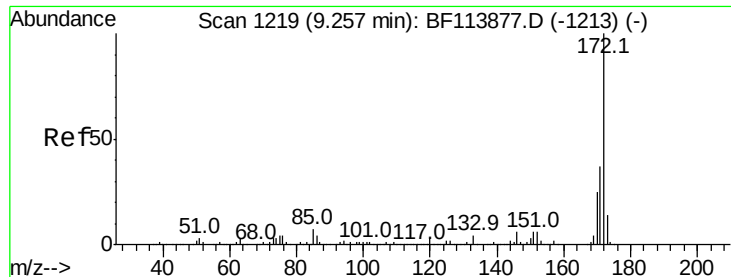
#44
 2,4,5-Trichlorophenol
 Concen: 46.978 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:196 Resp: 275732
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.2 114.4
 97 42.0 35.8 53.8
 132 26.2 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: 97.301 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

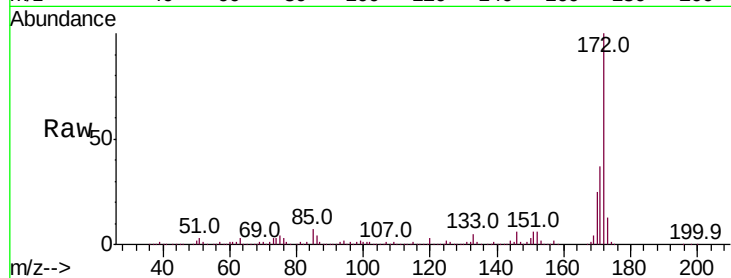
BNA_F

ClientSampleId :

GMW-7MS

Tot Ion:172 Resp: 1578267

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.6	19.9	29.9

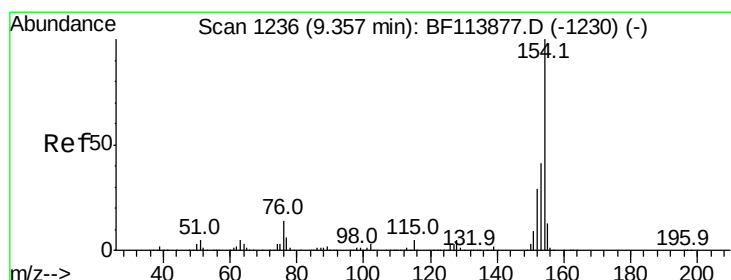
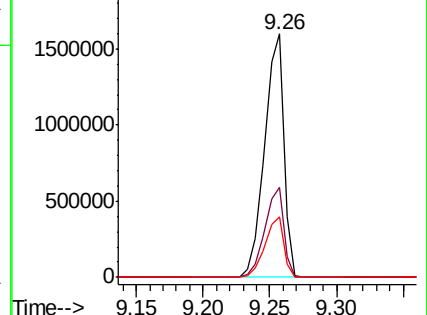
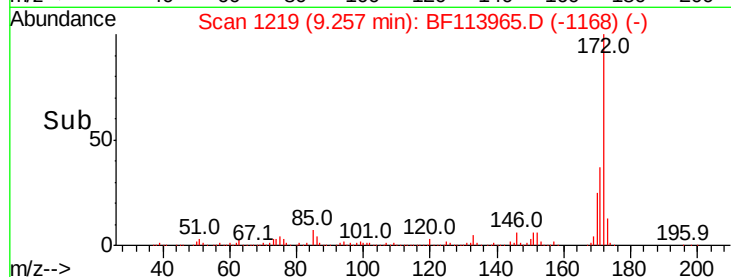


Abundance

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: 47.180 ng

RT: 9.36 min Scan# 1236

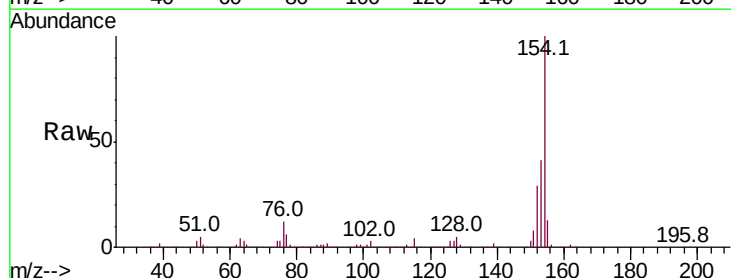
Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Tgt Ion:154 Resp: 914364

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	12.1	0.0	35.2

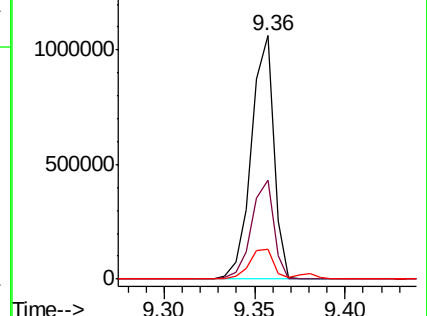
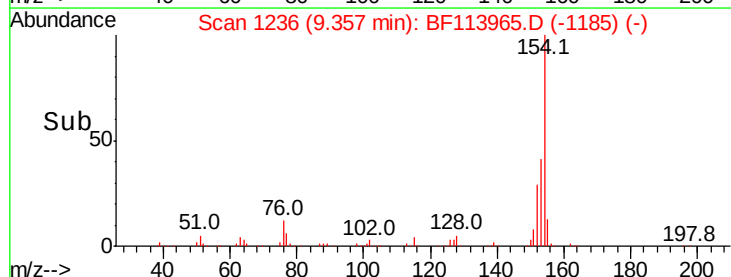


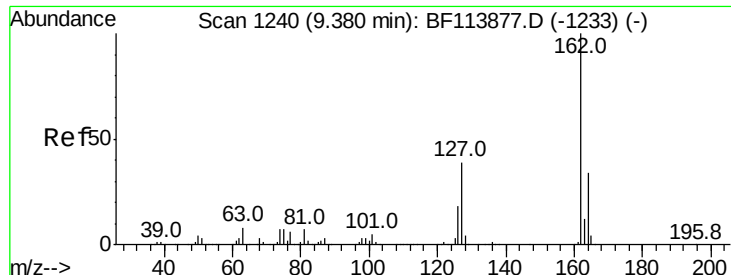
Abundance

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

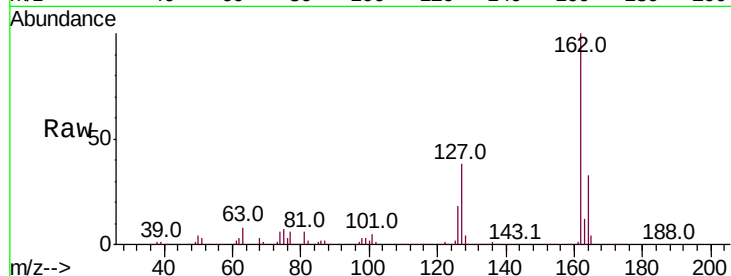




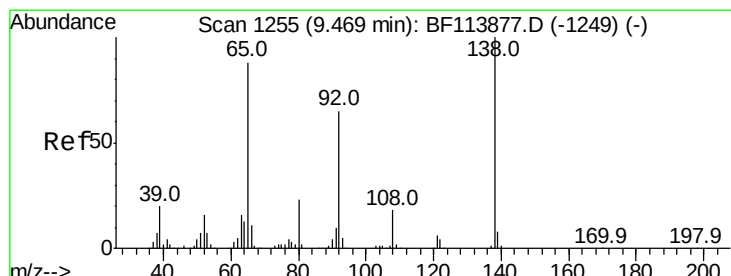
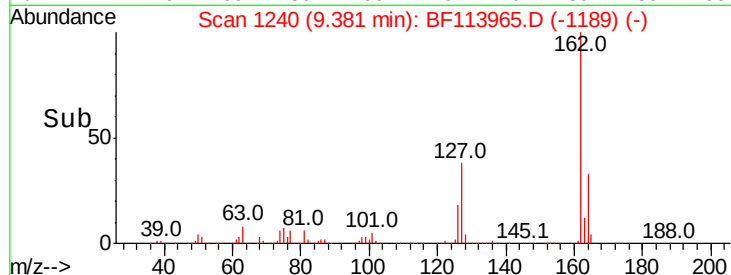
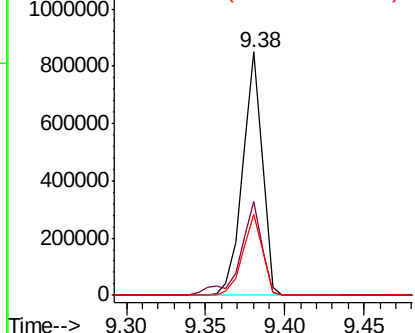
#47
 2-Chloronaphthalene
 Concen: 46.042 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:	162	Resp:	725637
Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.3	43.9
164	33.1	27.1	40.7

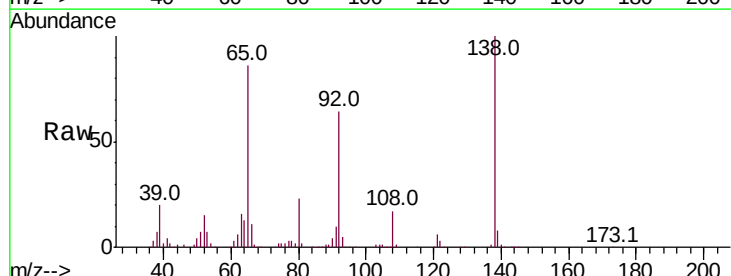


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

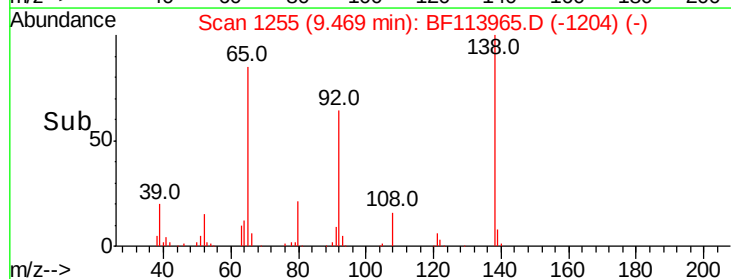
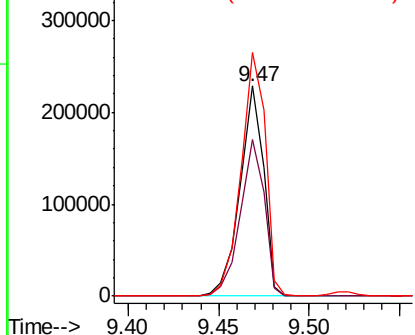


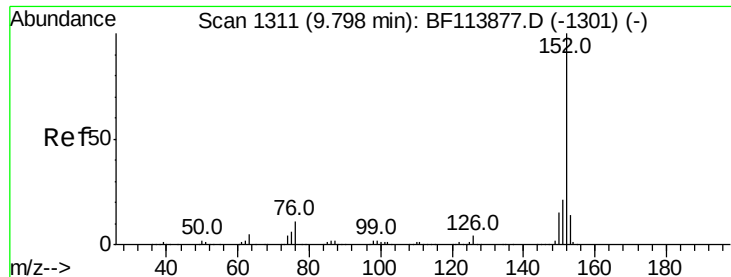
#48
 2-Nitroaniline
 Concen: 50.065 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:	65	Resp:	206845
Ion	Ratio	Lower	Upper
65	100		
92	74.5	57.4	86.0
138	116.1	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: 45.454 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

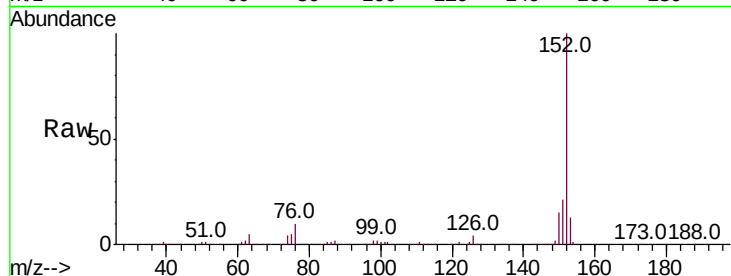
Tot Ion:152 Resp: 1121483

Ion Ratio Lower Upper

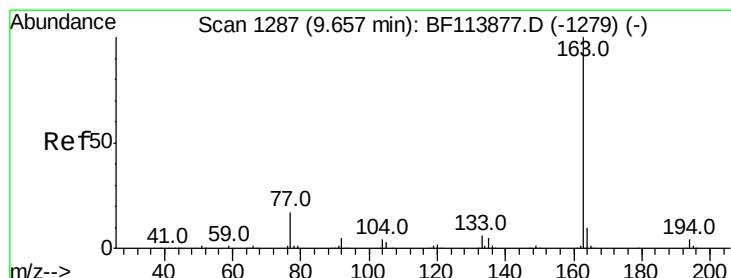
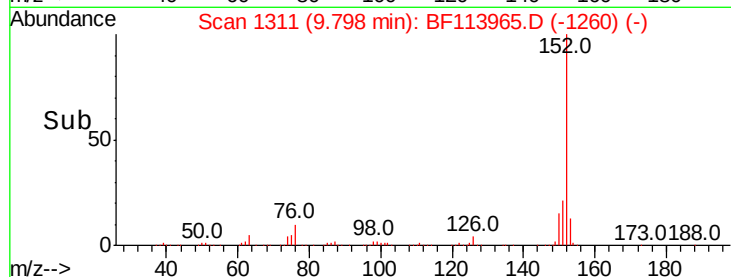
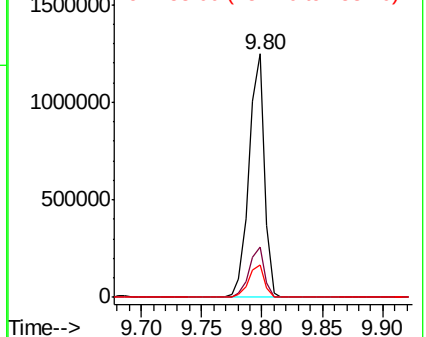
152 100

151 20.5 17.0 25.4

153 13.3 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: 49.429 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

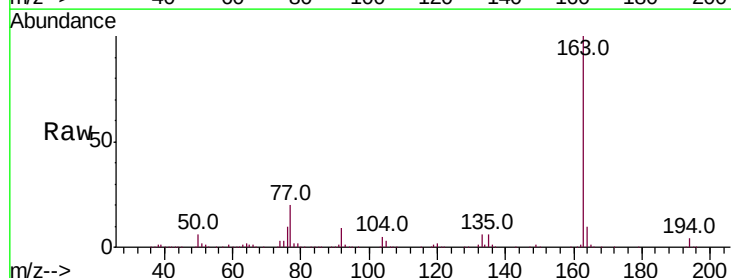
Tgt Ion:163 Resp: 906890

Ion Ratio Lower Upper

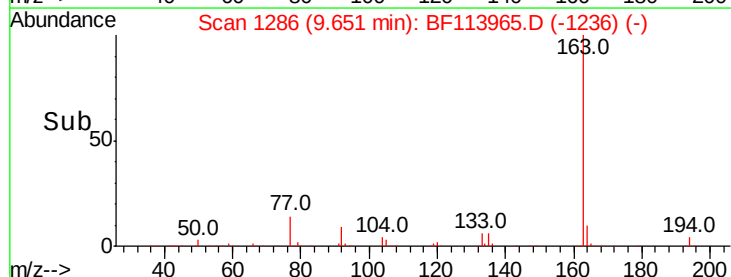
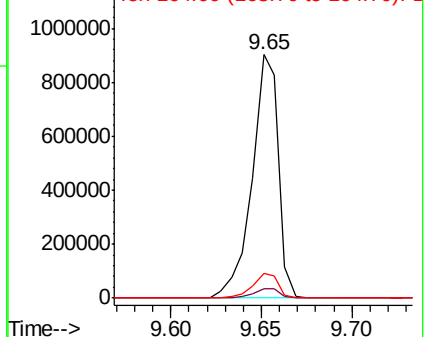
163 100

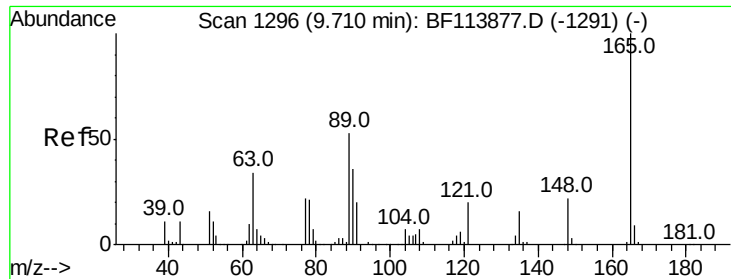
194 4.0 3.4 5.2

164 10.4 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

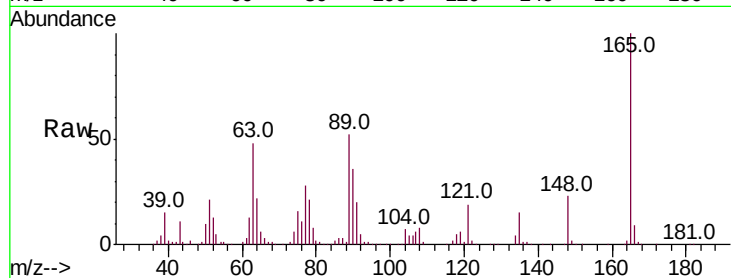




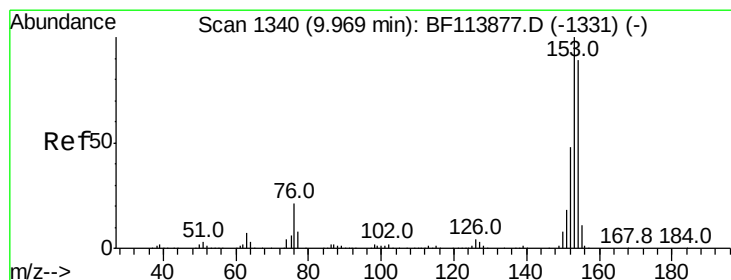
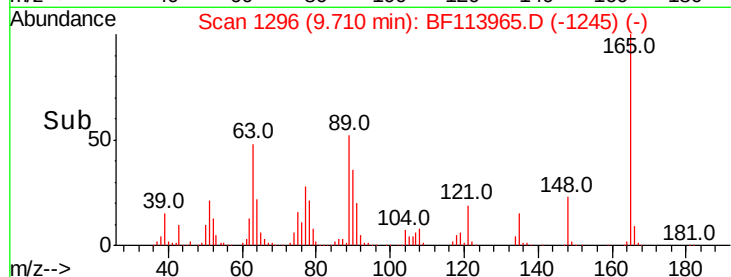
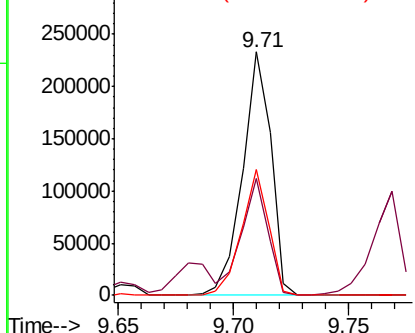
#51
 2,6-Dinitrotoluene
 Concen: 50.935 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:165 Resp: 200489
 Ion Ratio Lower Upper
 165 100
 63 48.2 33.8 50.8
 89 51.6 38.2 57.2

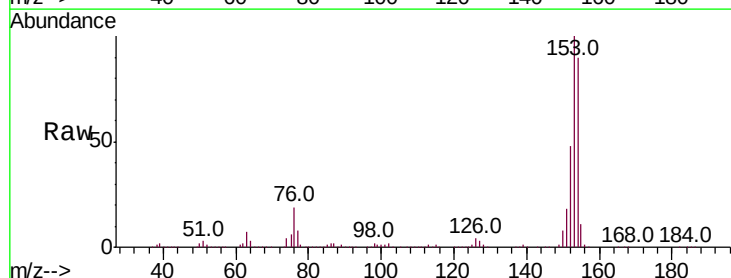


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

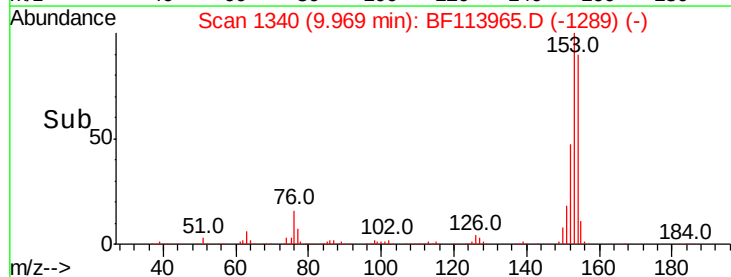
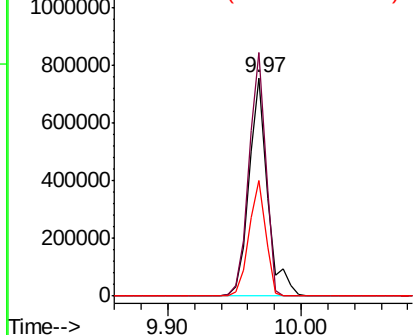


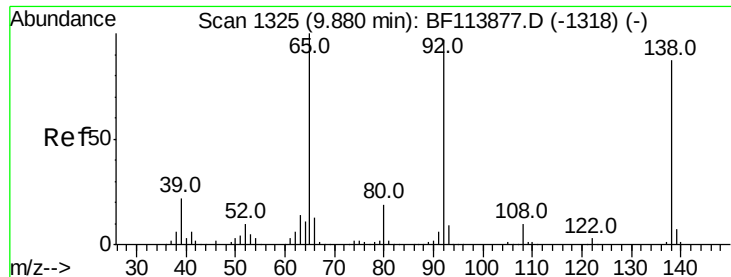
#52
 Acenaphthene
 Concen: 49.042 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:154 Resp: 715099
 Ion Ratio Lower Upper
 154 100
 153 111.5 87.2 130.8
 152 53.2 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

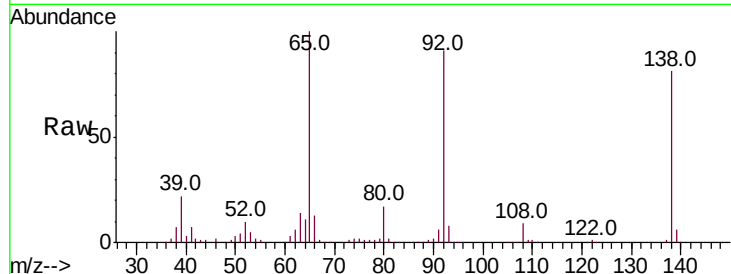




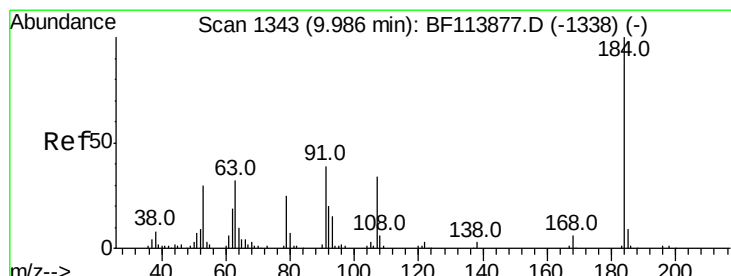
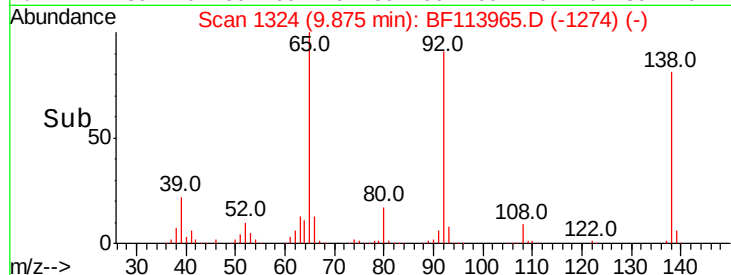
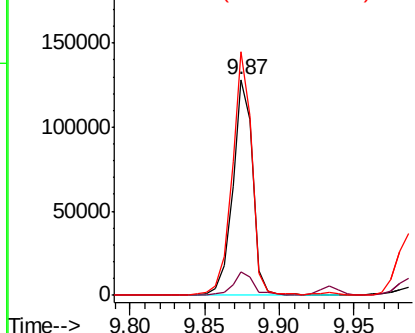
#53
3-Nitroaniline
Concen: 29.051 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion:138 Resp: 120162
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.2
92 112.7 94.1 141.1

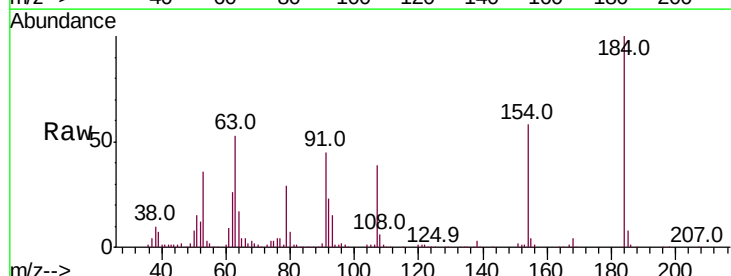


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

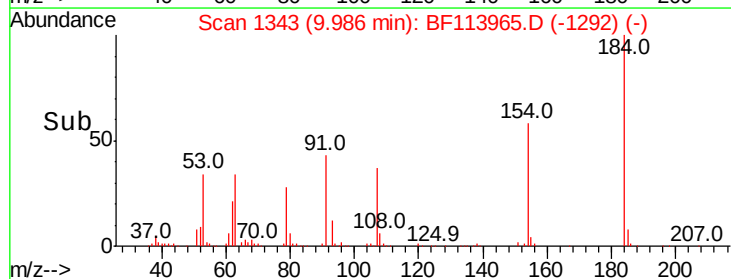
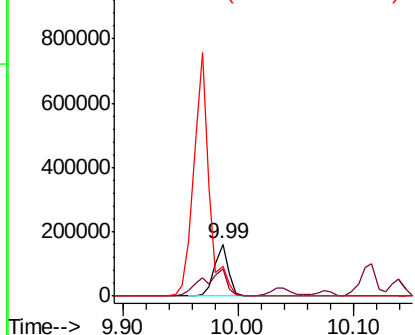


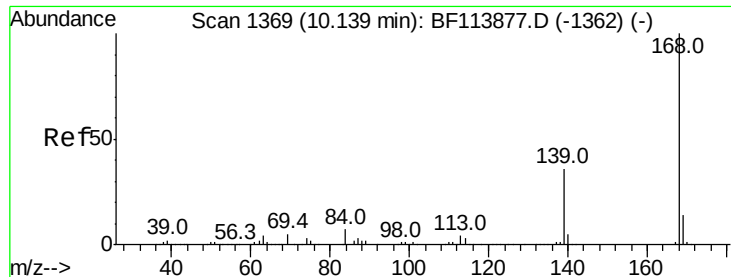
#54
2,4-Dinitrophenol
Concen: 79.688 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:184 Resp: 135647
Ion Ratio Lower Upper
184 100
63 52.6 54.6 81.8#
154 57.8 218.6 328.0#



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

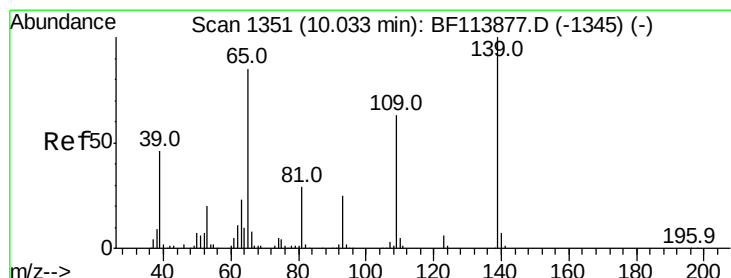
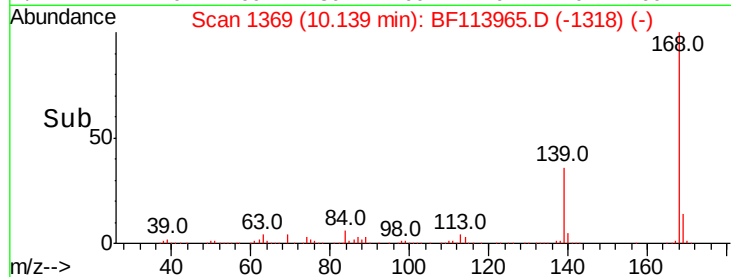
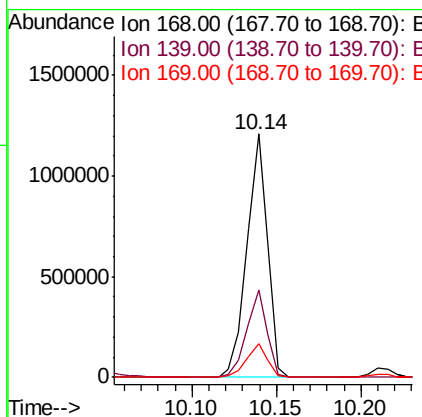
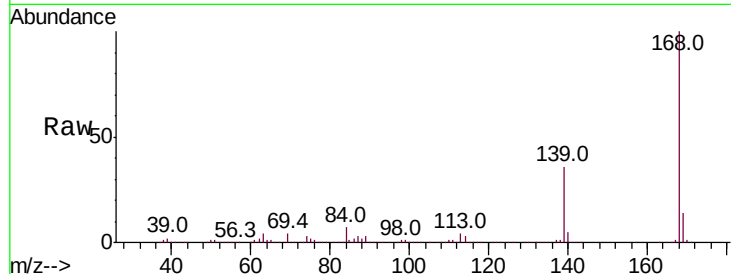




#55
Dibenzenofuran
Concen: 47.612 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

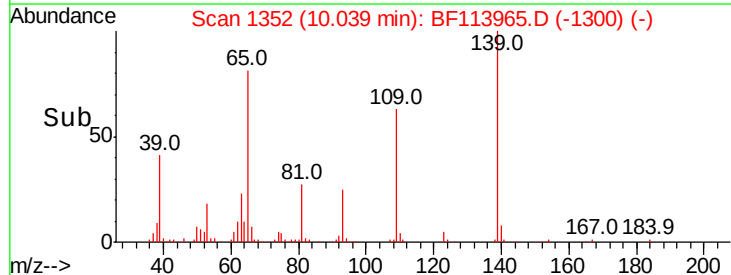
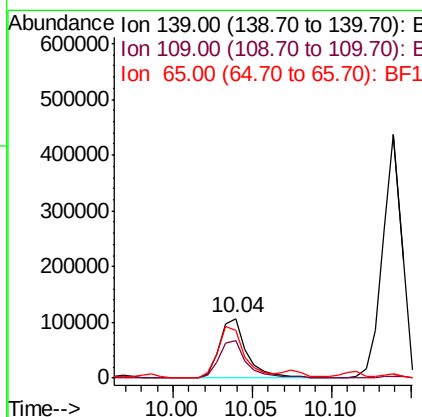
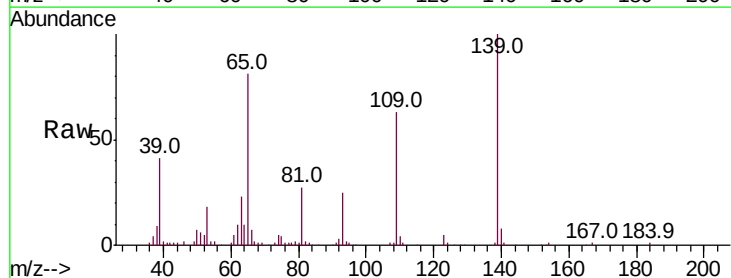
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

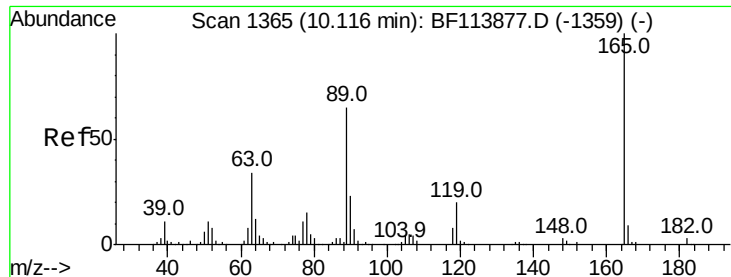
Tot Ion:168 Resp: 1039940
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.6
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 39.454 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:139 Resp: 129211
Ion Ratio Lower Upper
139 100
109 63.3 42.9 82.9
65 81.5 64.4 104.4

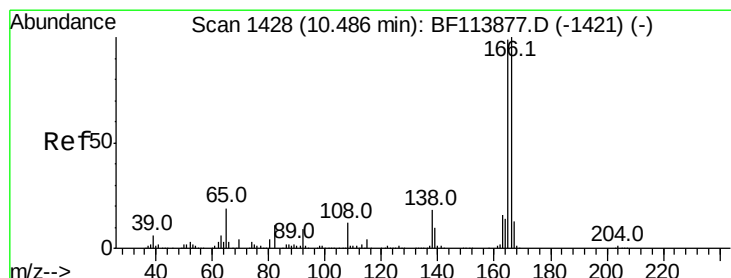
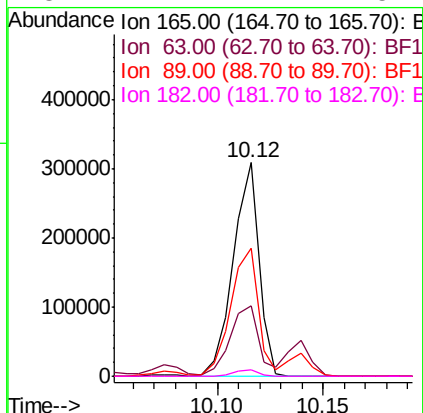
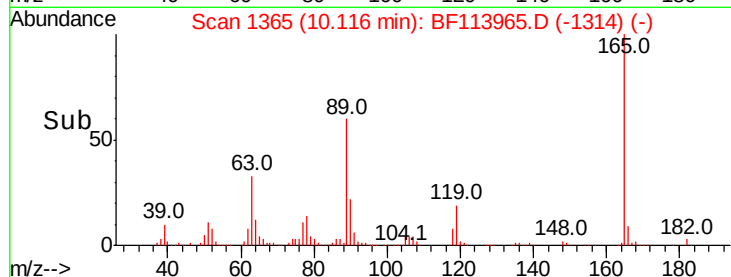
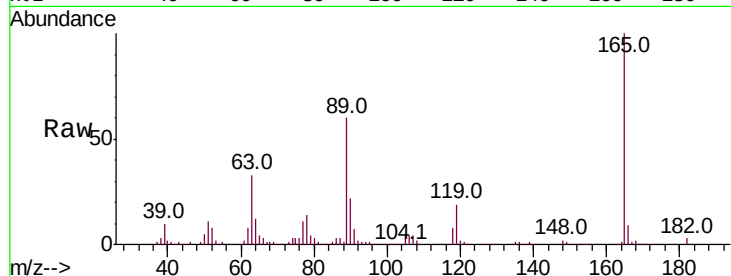




#57
 2,4-Dinitrotoluene
 Concen: 52.326 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

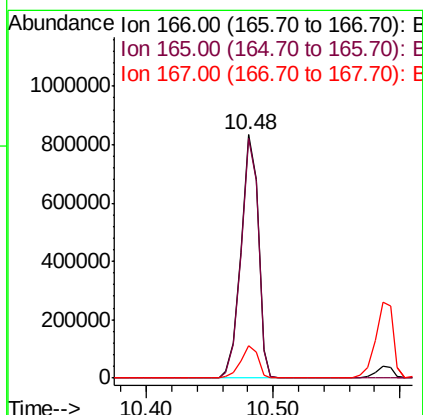
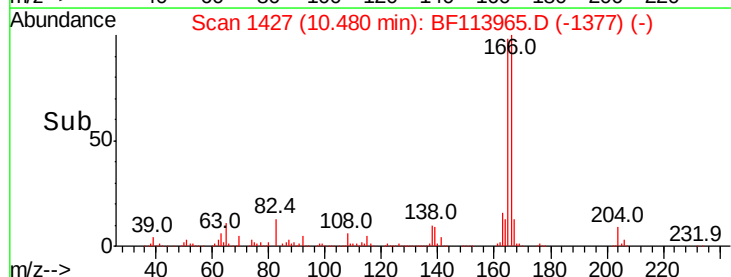
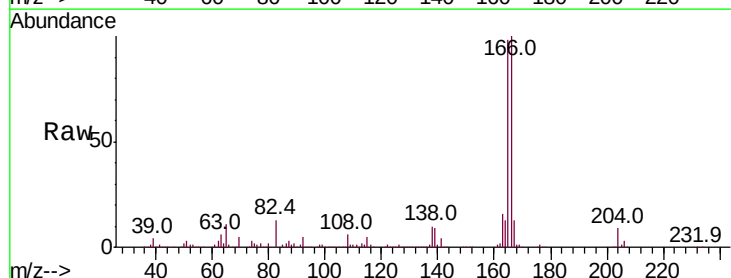
Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

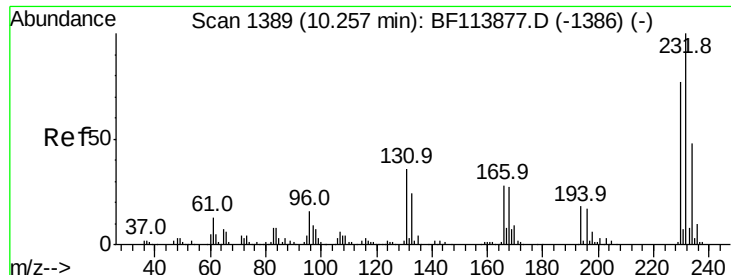
Tot Ion:	165	Resp:	259974
Ion	Ratio	Lower	Upper
165	100		
63	33.0	27.4	41.0
89	59.7	51.8	77.6
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 47.156 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:	166	Resp:	775445
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.4	10.9	16.3

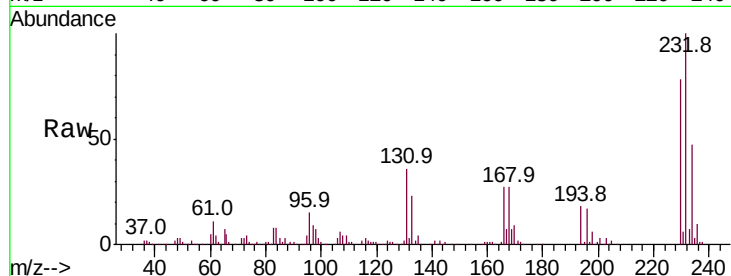




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.272 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.2	45.2
130	1.8	1.5	2.3
166	26.9	22.2	33.4



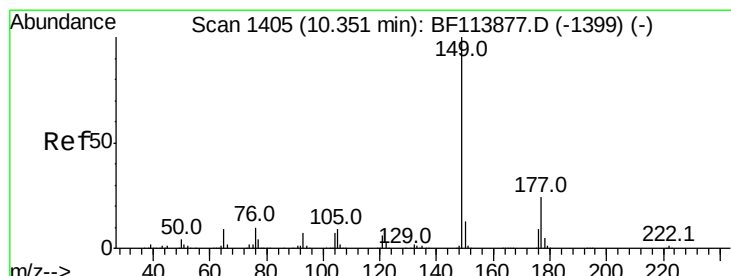
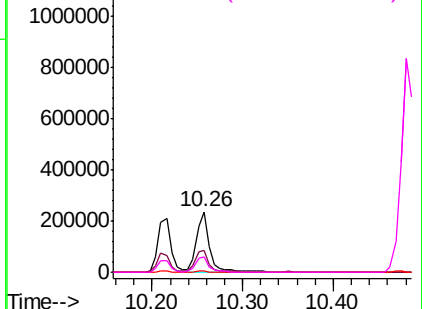
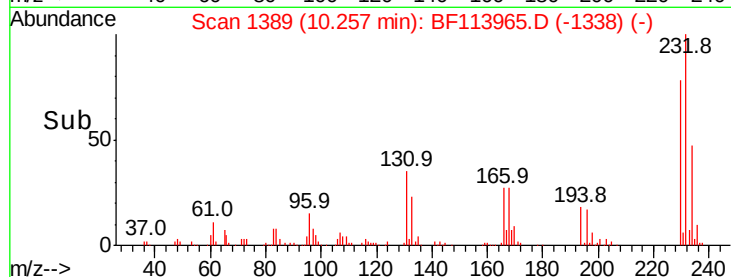
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

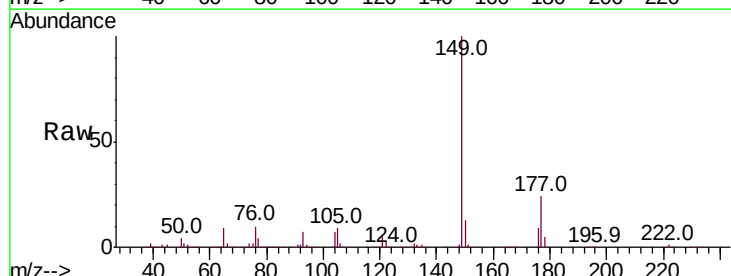
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.866 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	12.8	10.3	15.5

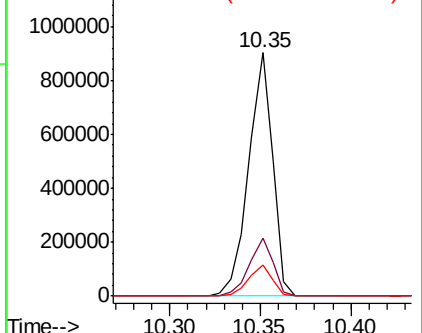
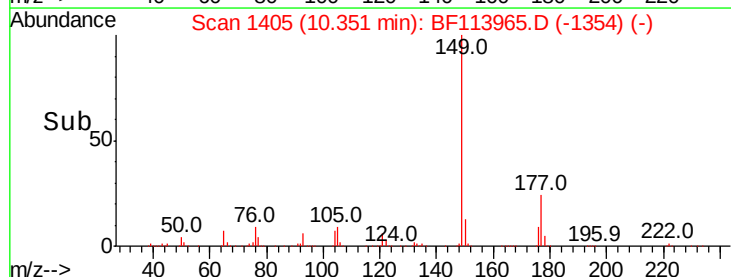


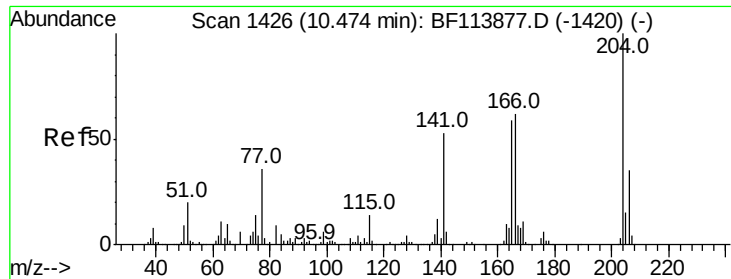
Abundance

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

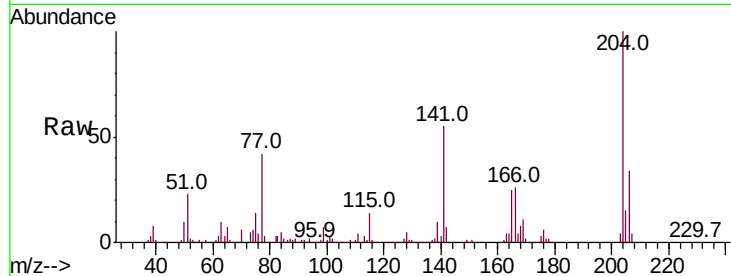




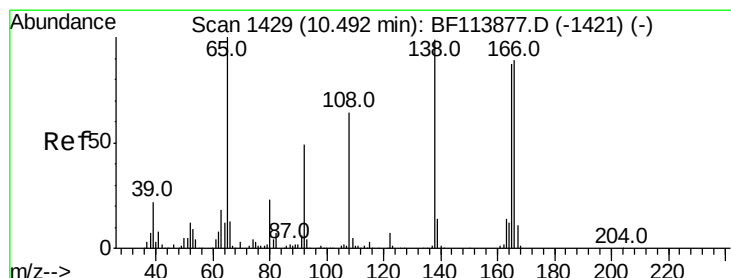
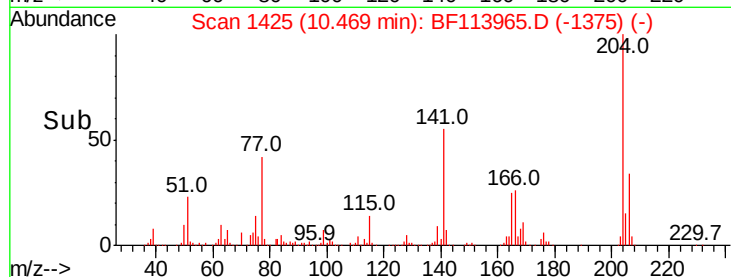
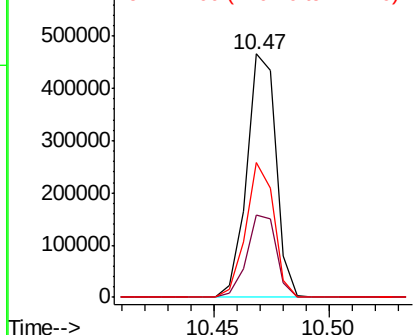
#61
4-Chlorophenyl-phenylether
Concen: 47.500 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion:204 Resp: 413667
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 55.3 42.6 63.8

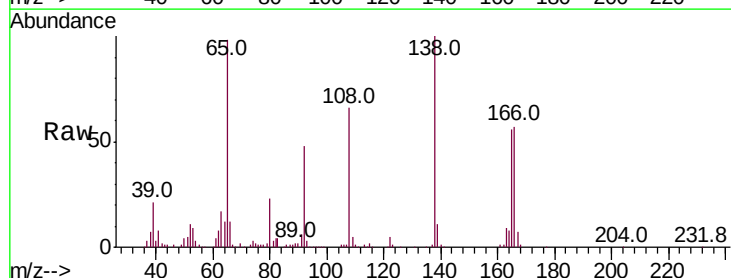


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

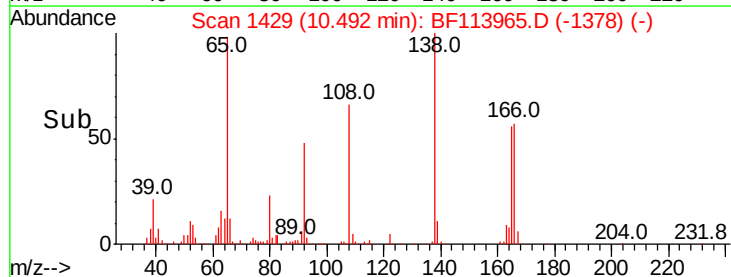
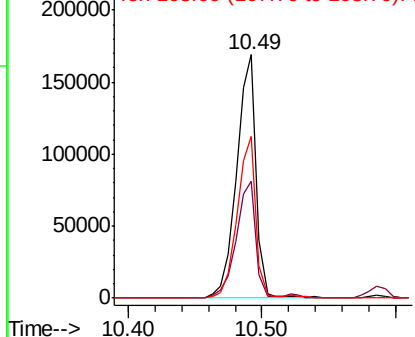


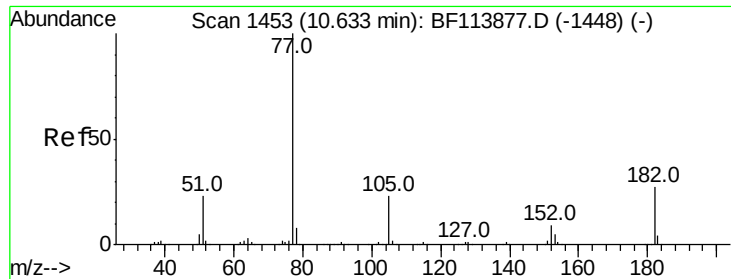
#62
4-Nitroaniline
Concen: 42.813 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:138 Resp: 172809
Ion Ratio Lower Upper
138 100
92 47.9 31.3 71.3
108 66.3 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: 45.763 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

Tot Ion: 77 Resp: 772763

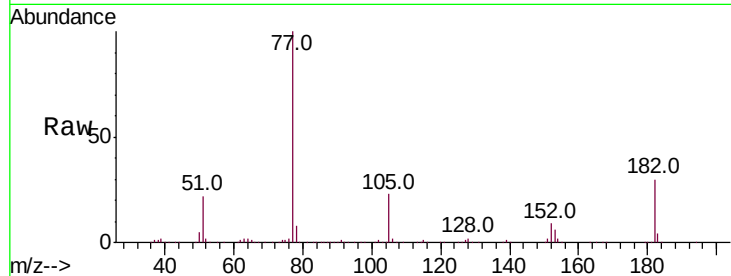
Ion Ratio Lower Upper

77 100

182 29.5 4.4 44.4

105 23.1 2.2 42.2

51 22.4 3.9 43.9

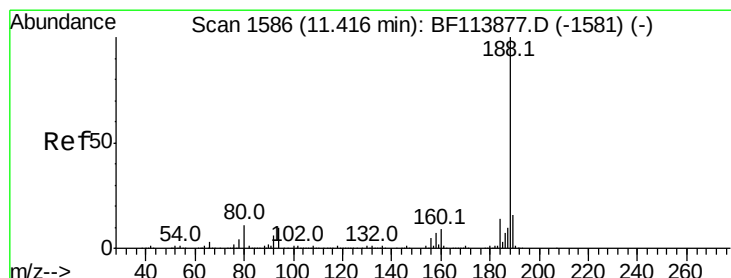
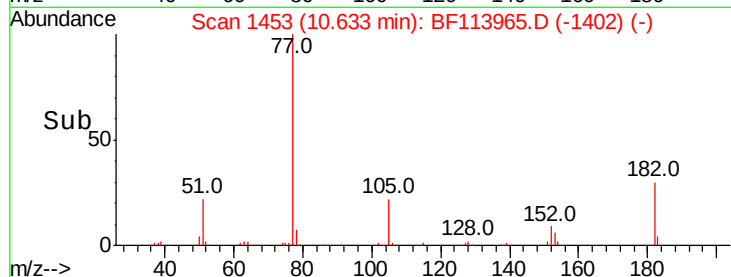
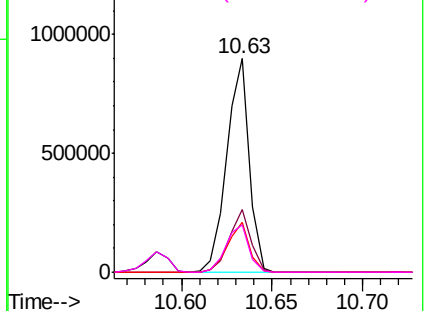


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

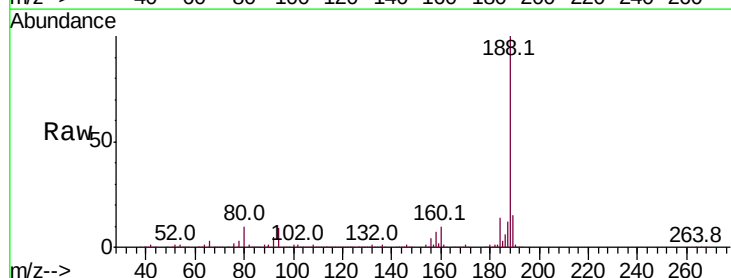
Tgt Ion: 188 Resp: 473344

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

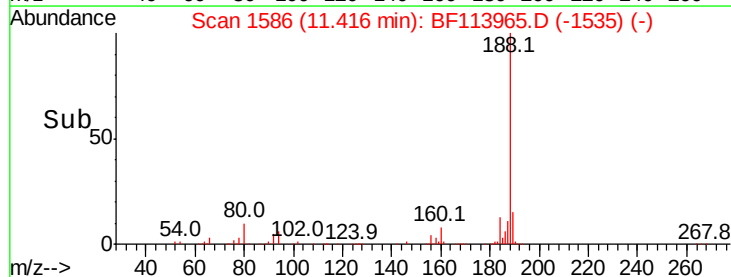
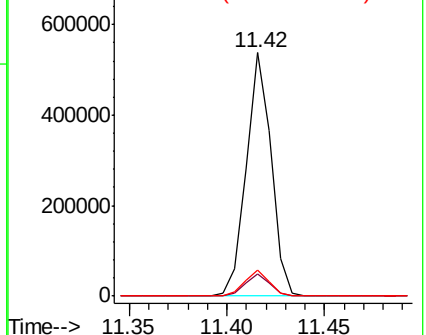
80 10.5 9.0 13.6

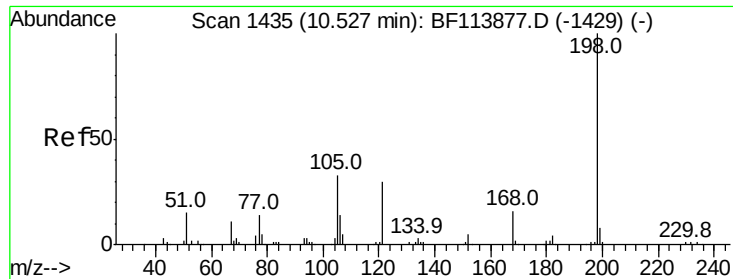


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

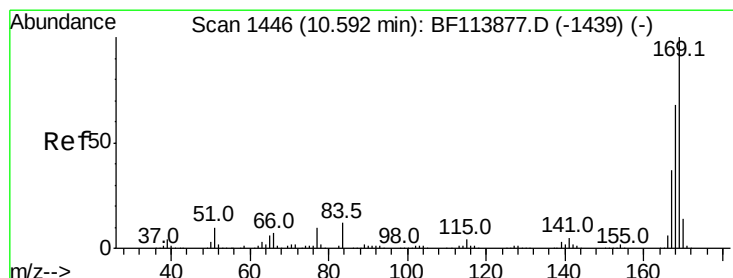
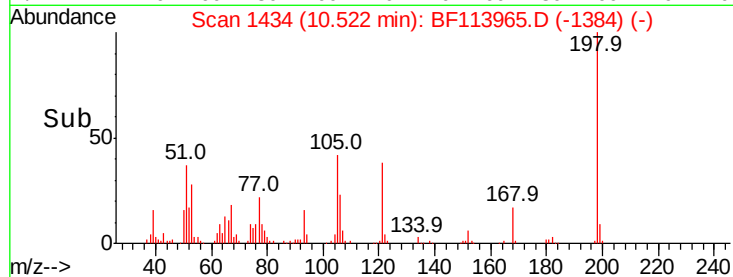
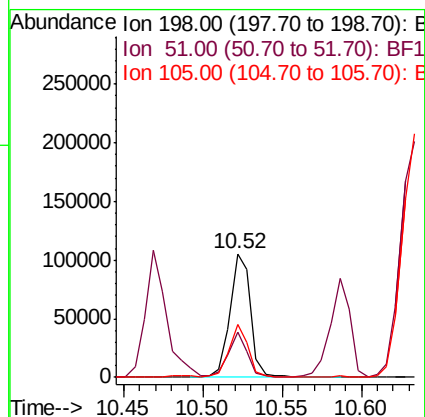
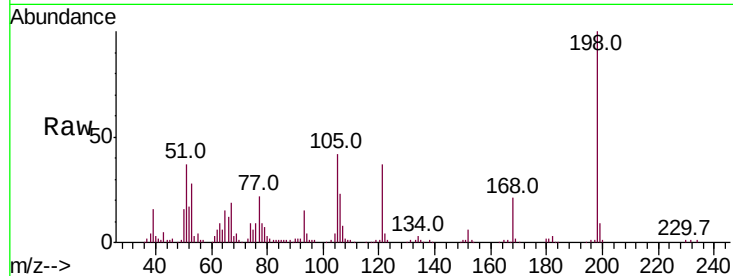




#65
4,6-Dinitro-2-methylphenol
Concen: 44.505 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

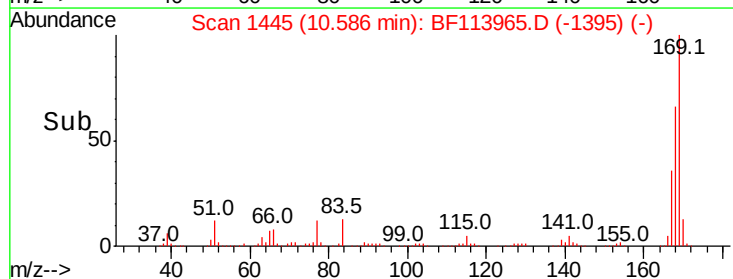
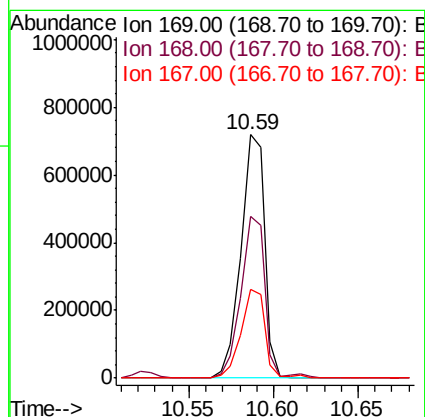
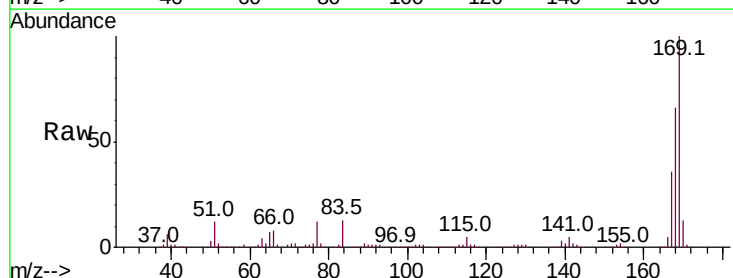
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

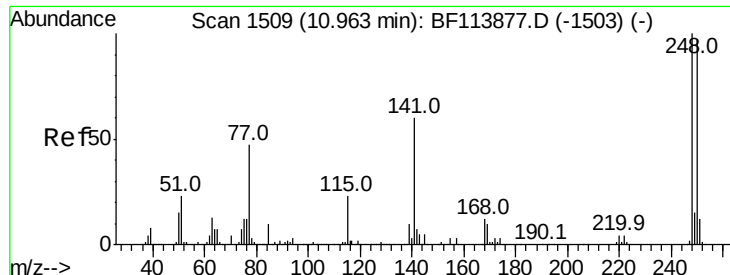
Tot Ion:198 Resp: 95194
Ion Ratio Lower Upper
198 100
51 36.9 11.1 51.1
105 42.2 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 49.539 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:169 Resp: 703593
Ion Ratio Lower Upper
169 100
168 66.4 54.3 81.5
167 36.4 29.4 44.0

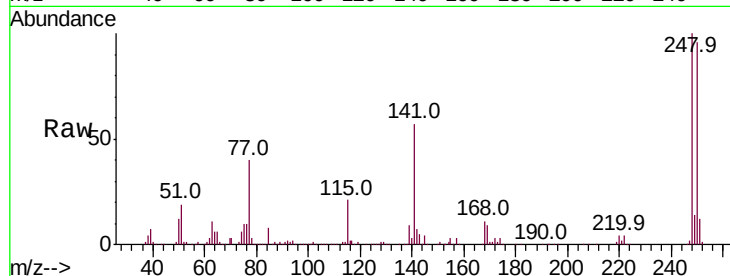




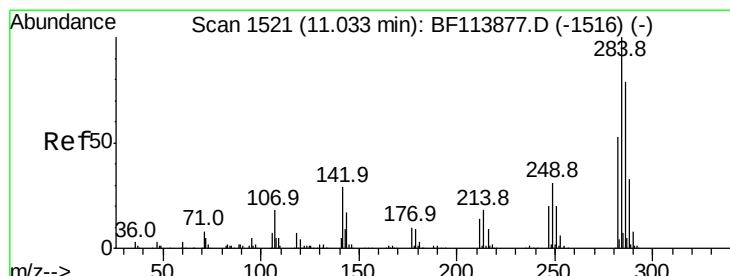
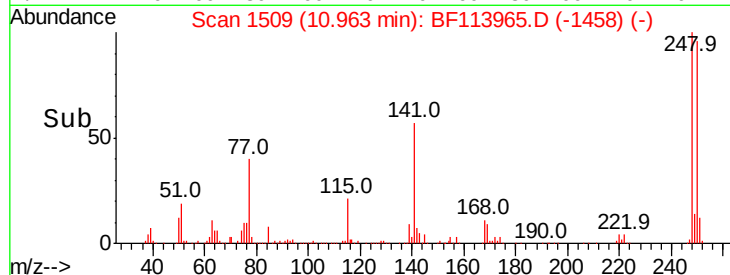
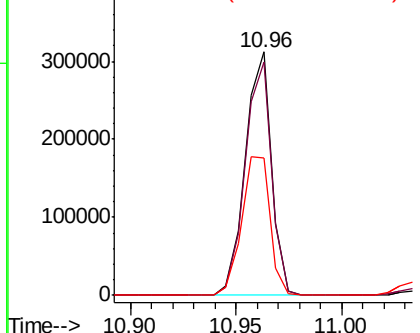
#67
 4-Bromophenyl-phenylether
 Concen: 47.051 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:248 Resp: 269046
 Ion Ratio Lower Upper
 248 100
 250 95.9 75.8 113.6
 141 56.7 50.2 75.4

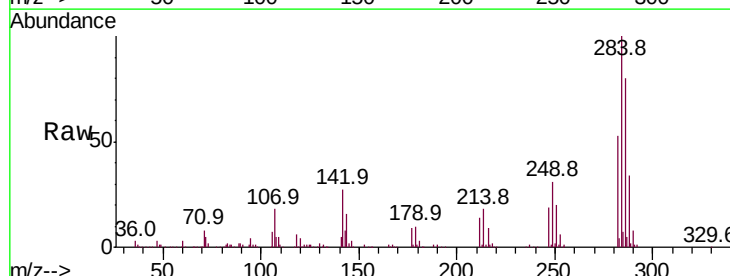


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

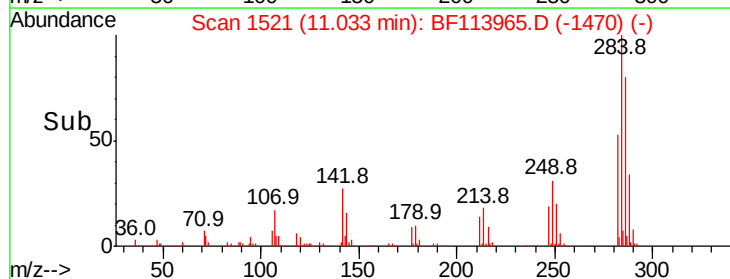
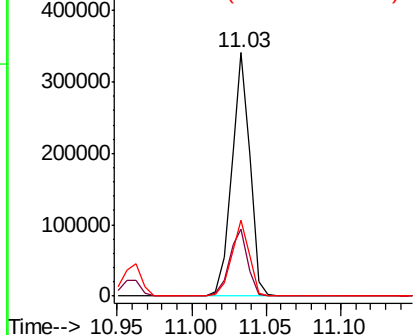


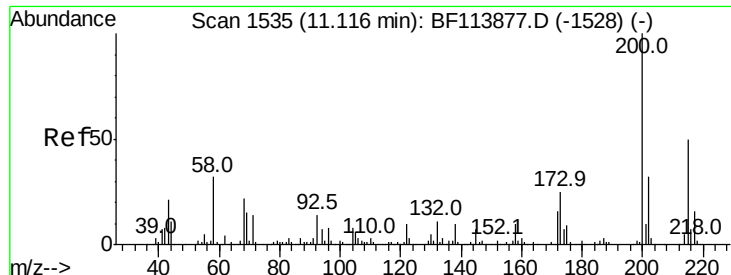
#68
 Hexachlorobenzene
 Concen: 46.499 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:284 Resp: 292187
 Ion Ratio Lower Upper
 284 100
 142 27.3 23.0 34.4
 249 31.1 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

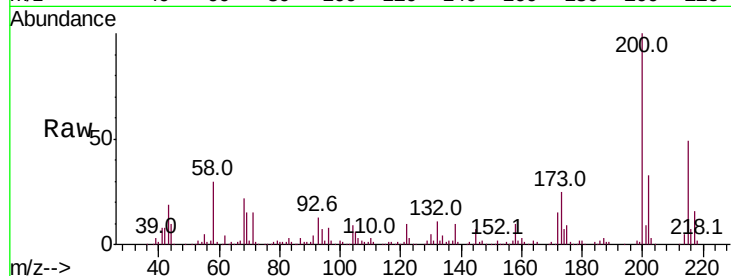




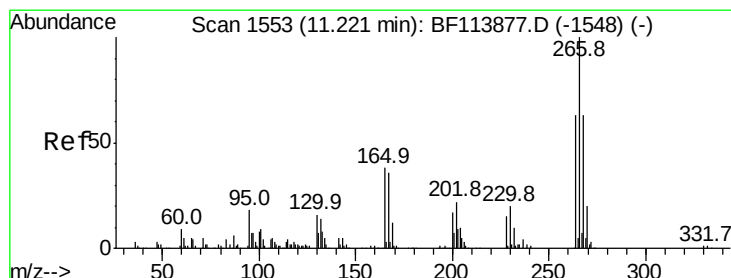
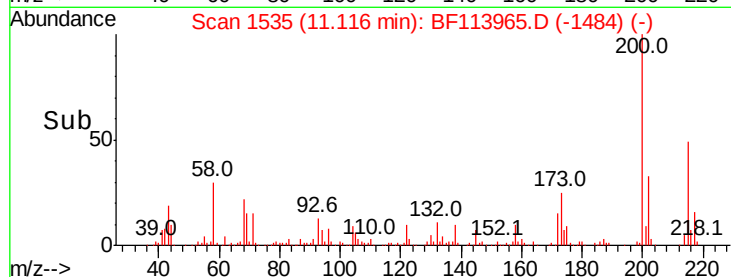
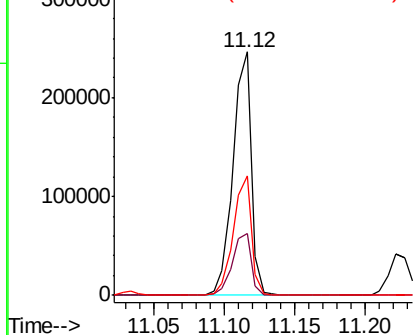
#69
Atrazine
Concen: 48.293 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.9	45.9
215	49.2	29.3	69.3

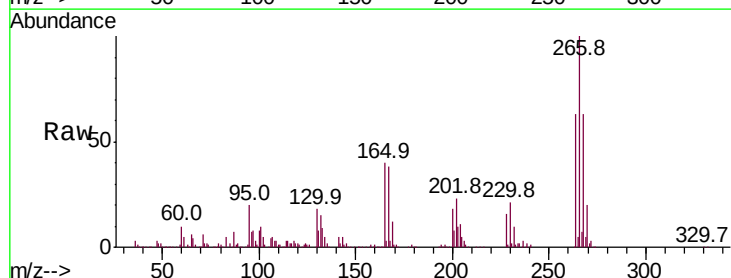


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

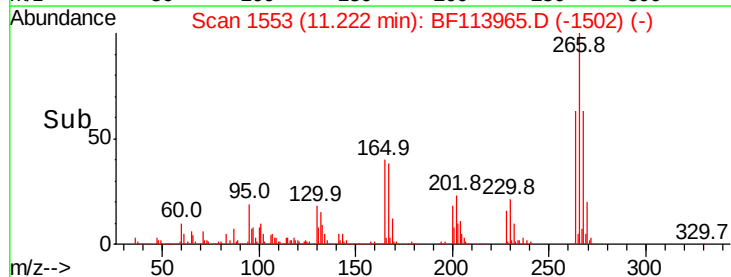
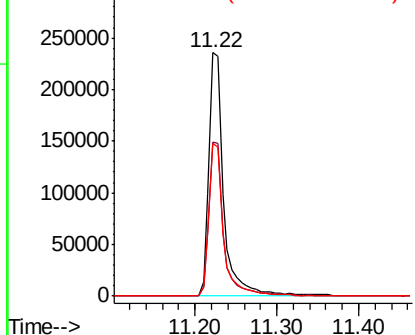


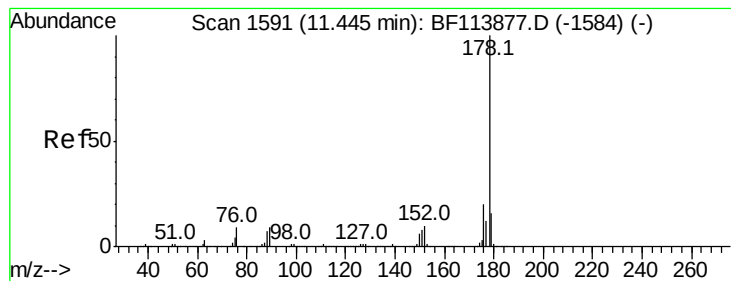
#70
Pentachlorophenol
Concen: 83.550 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.5	80.3
264	62.7	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: 47.261 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

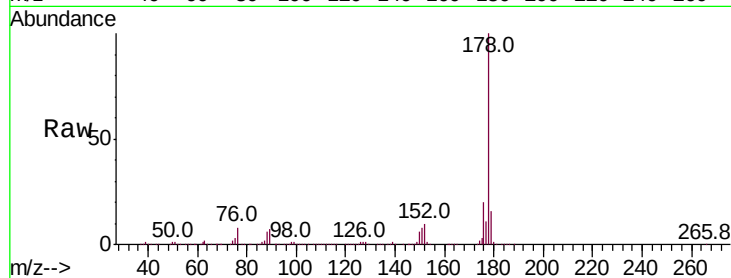
Tot Ion:178 Resp: 1124262

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

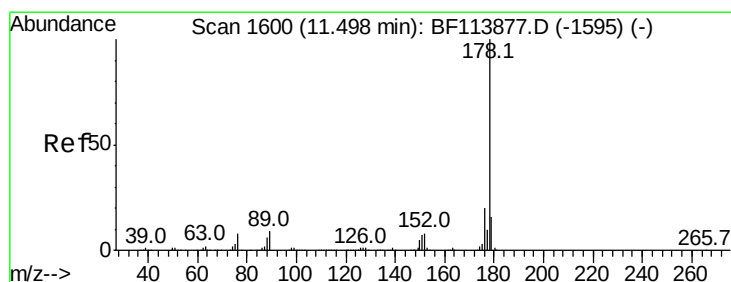
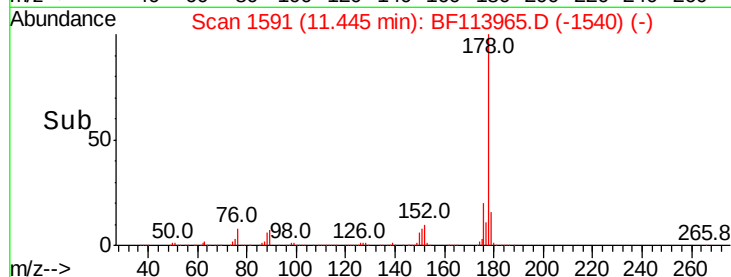
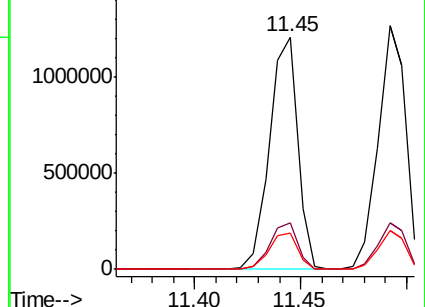
179 15.8 12.8 19.2



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: 48.140 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

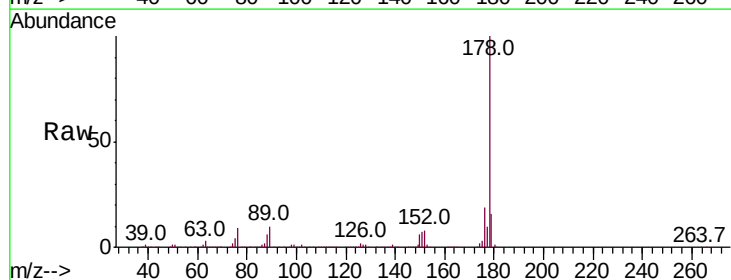
Tgt Ion:178 Resp: 1156434

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

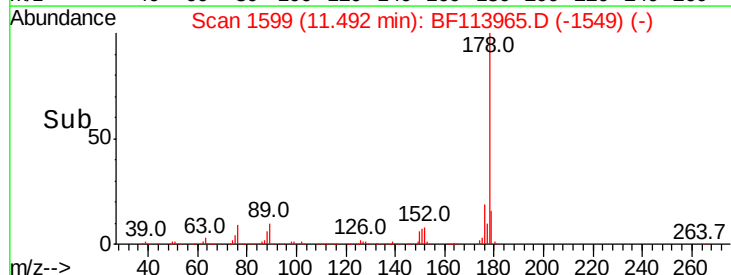
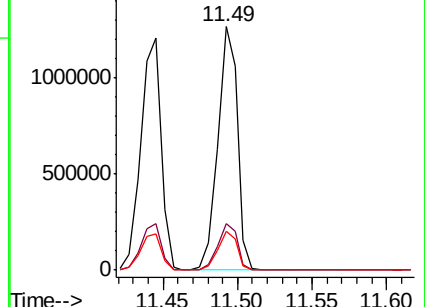
179 16.0 13.0 19.4

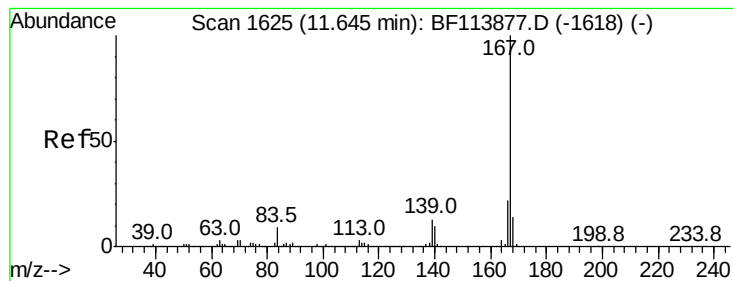


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.347 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

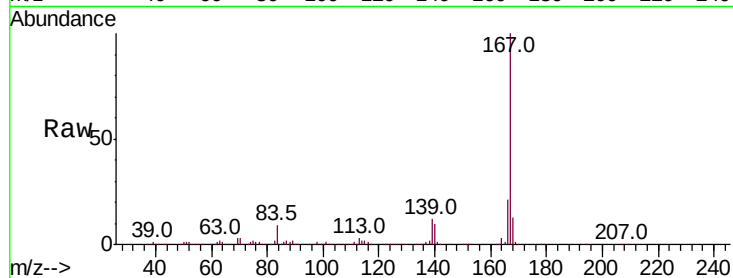
Tot Ion:167 Resp: 993286

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

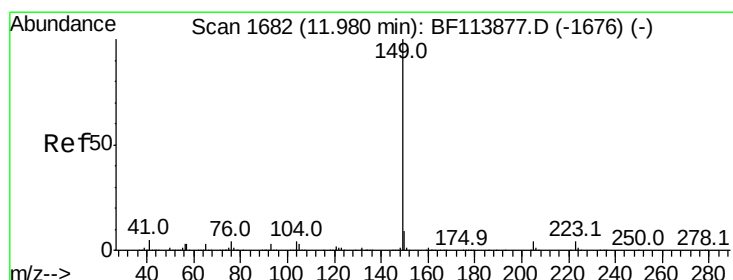
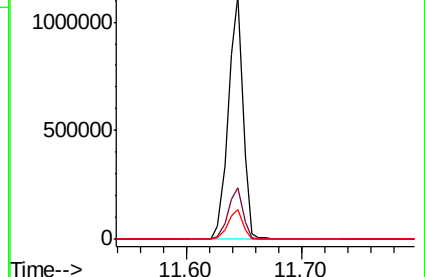
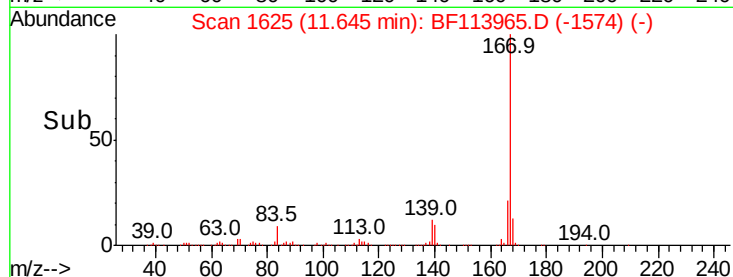
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.380 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

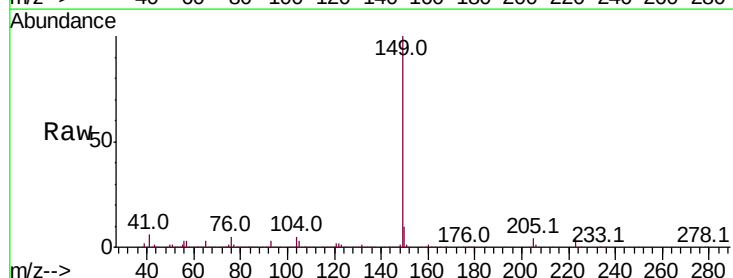
Tgt Ion:149 Resp: 1194470

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

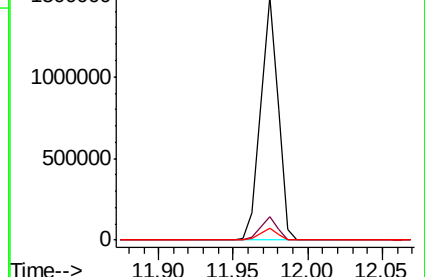
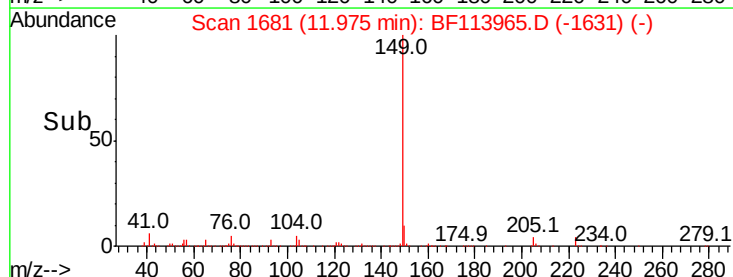
104 4.8 3.8 5.8

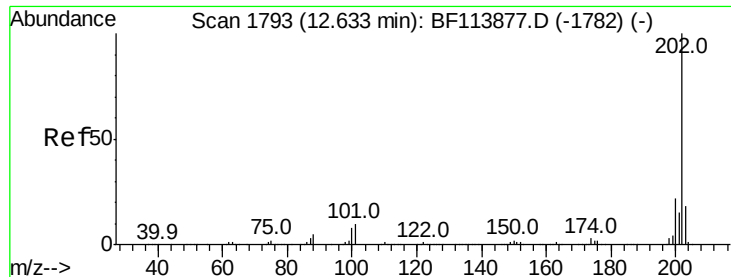


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



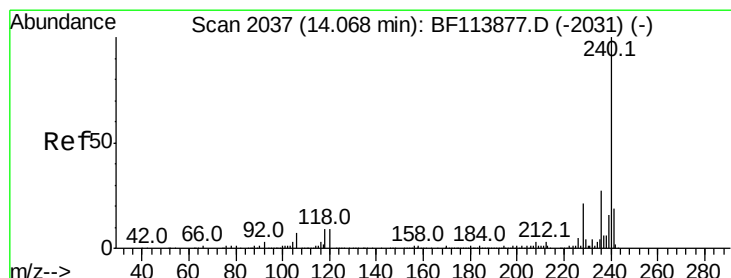
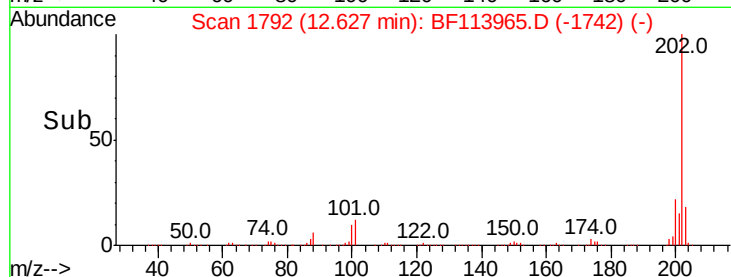
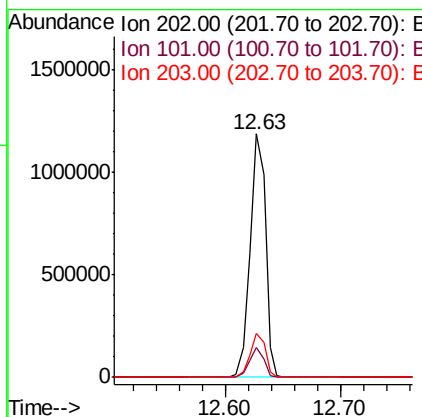
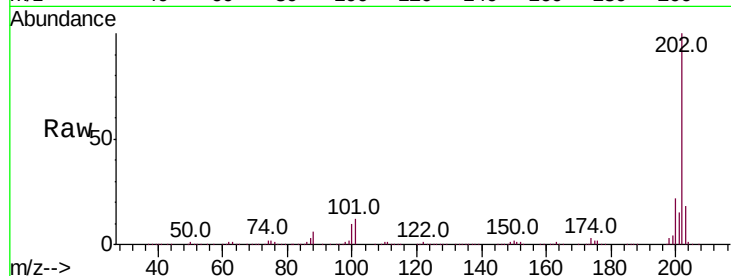


#75
 Fluoranthene
 Concen: 42.328 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Tot Ion:202 Resp: 1098547

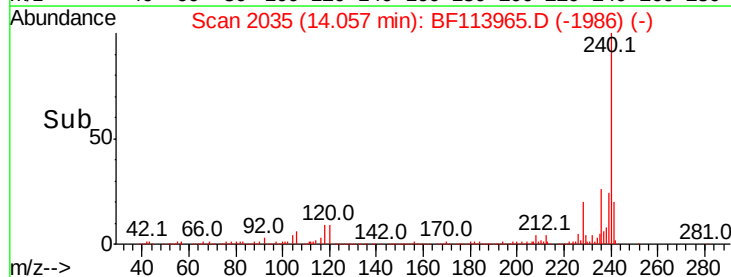
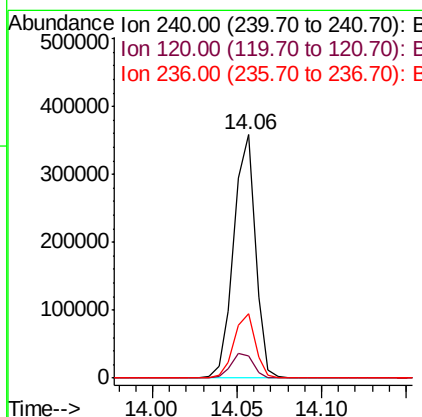
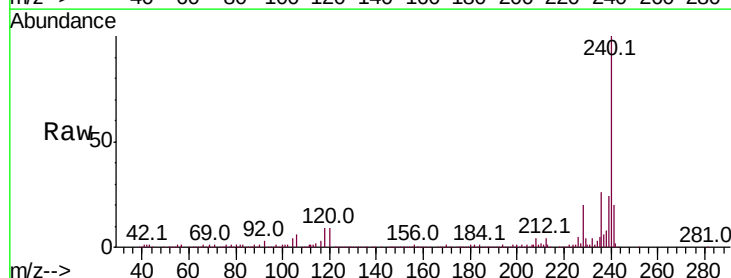
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.9
203	18.1	0.0	38.2

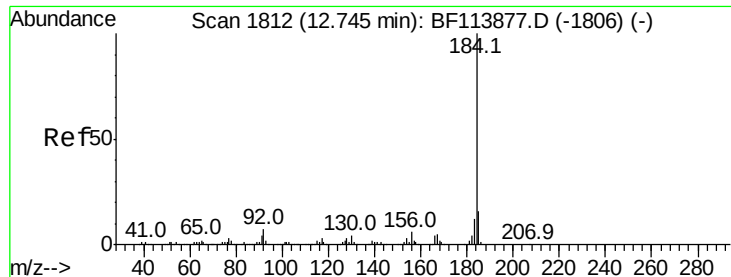


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113965.D
 Acq: 24 Apr 2019 16:55

Tgt Ion:240 Resp: 320344

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.3	13.9#
236	26.4	21.2	31.8





#77

Benzidine

Concen: 16.223 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

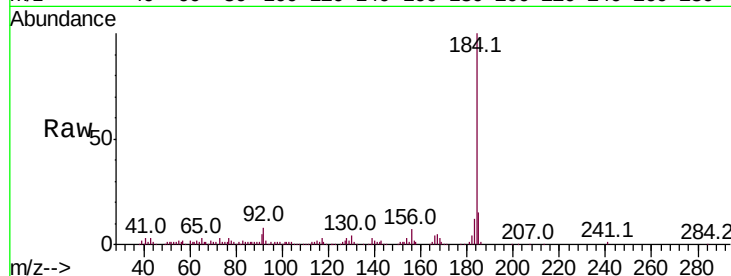
Tot Ion:184 Resp: 154845

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

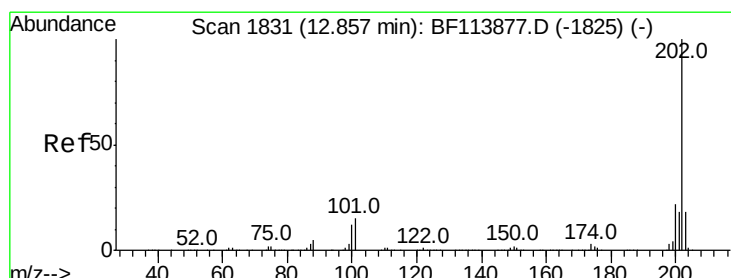
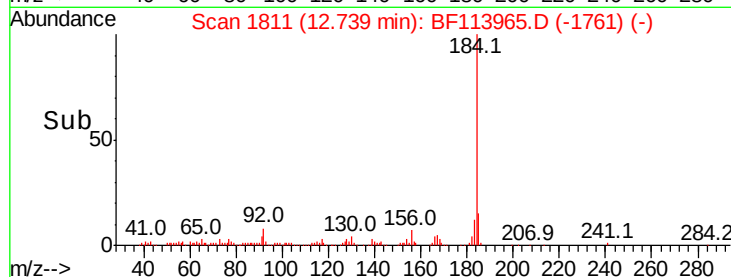
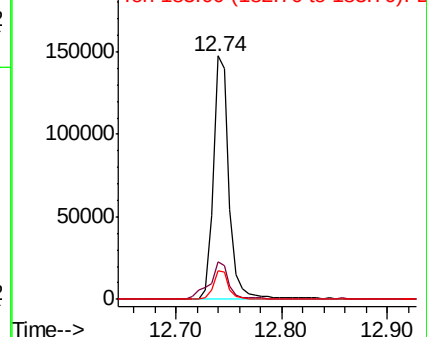
183 11.7 9.4 14.0



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: 48.239 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

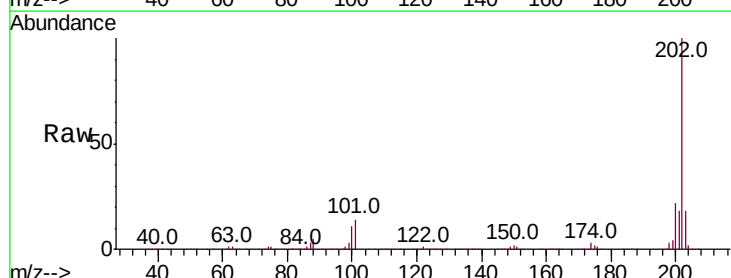
Tgt Ion:202 Resp: 1080657

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

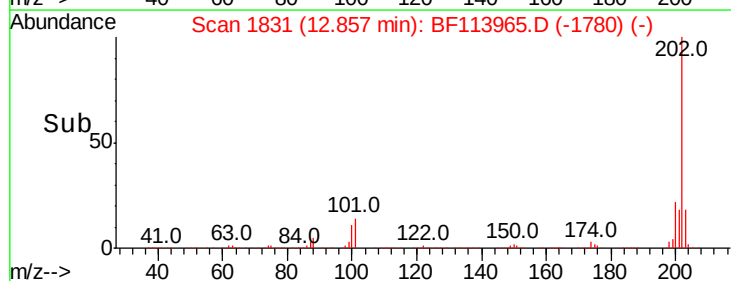
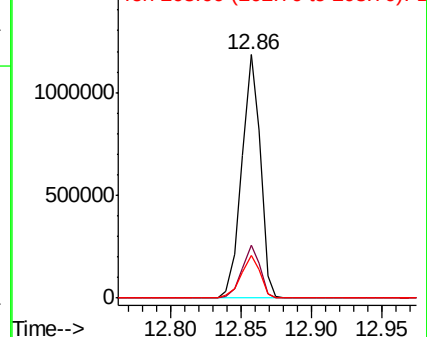
203 17.6 15.0 22.6

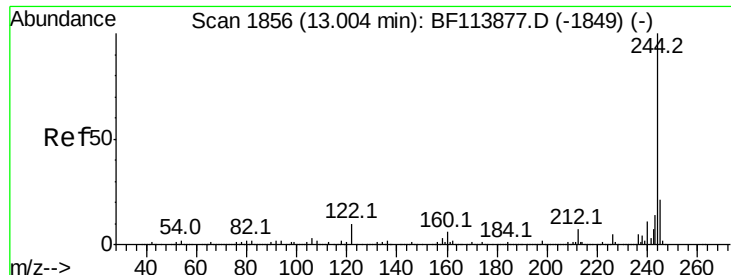


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.753 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

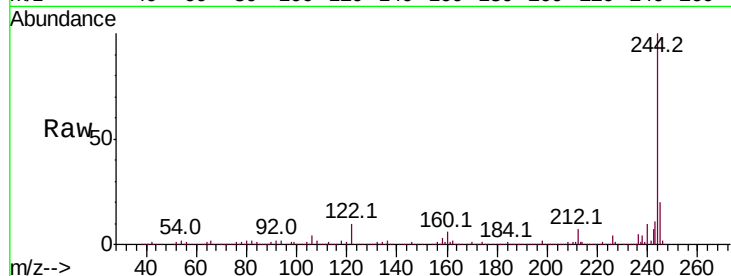
Tot Ion:244 Resp: 1574314

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

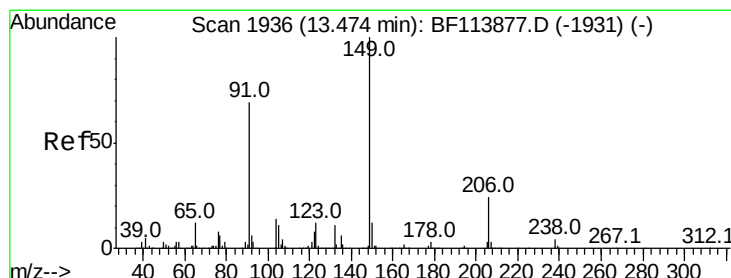
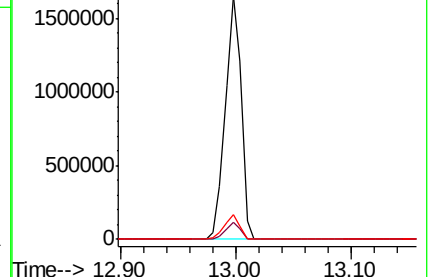
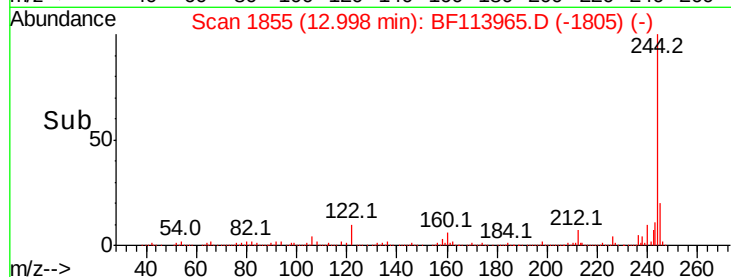
122 10.4 7.6 11.4



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: 50.291 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

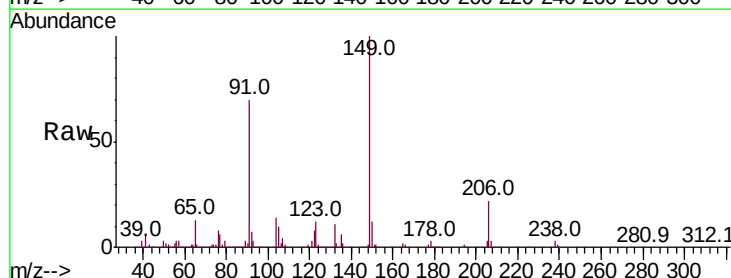
Tgt Ion:149 Resp: 443264

Ion Ratio Lower Upper

149 100

91 70.3 56.3 84.5

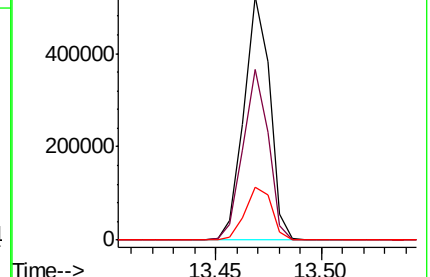
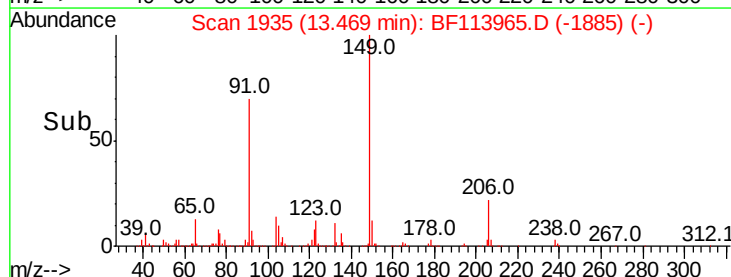
206 21.7 19.0 28.6

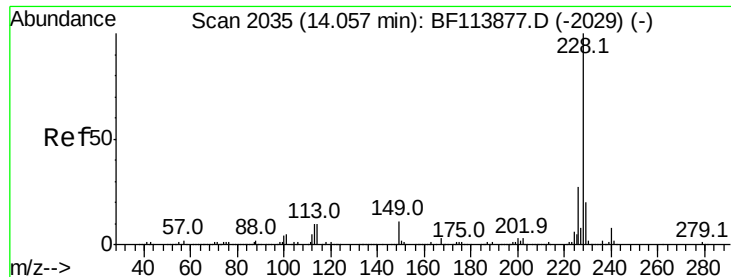


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

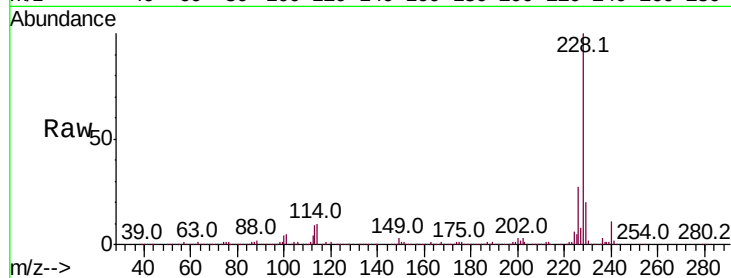




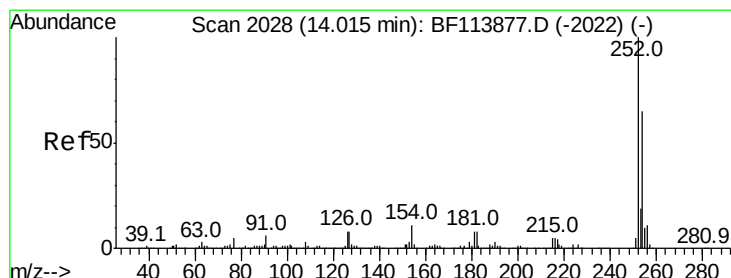
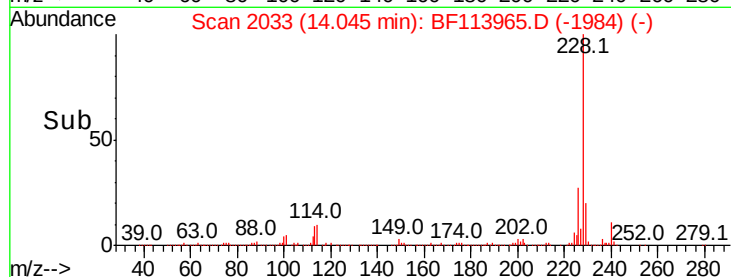
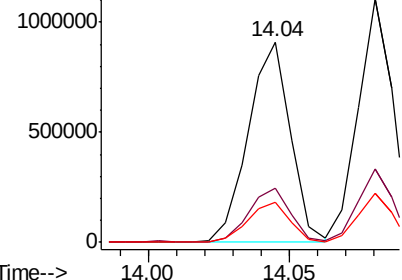
#81
Benzo(a)anthracene
Concen: 49.629 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampled :
GMW-7MS

Tot Ion:228 Resp: 936703
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.1 16.0 24.0

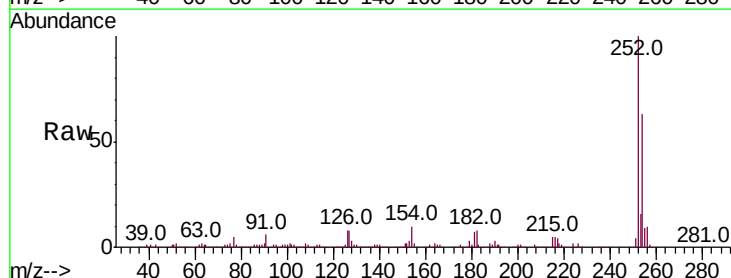


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

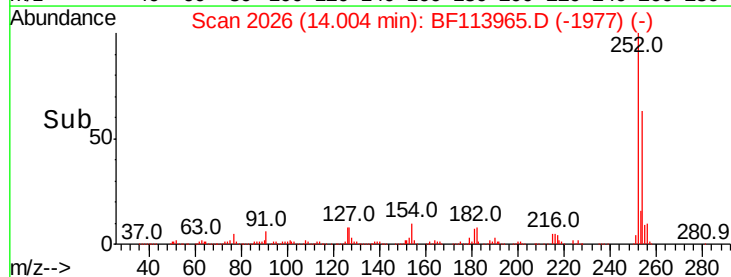
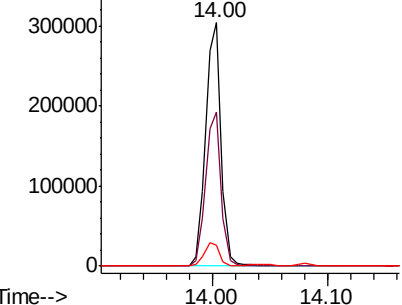


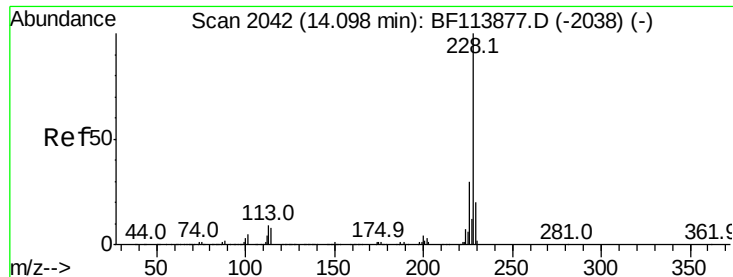
#82
3,3'-Dichlorobenzidine
Concen: 40.743 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:252 Resp: 281853
Ion Ratio Lower Upper
252 100
254 63.5 52.1 78.1
126 8.5 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.254 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

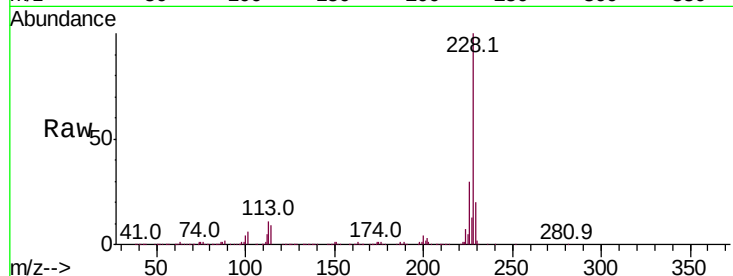
Tot Ion:228 Resp: 942122

Ion Ratio Lower Upper

228 100

226 30.0 25.2 37.8

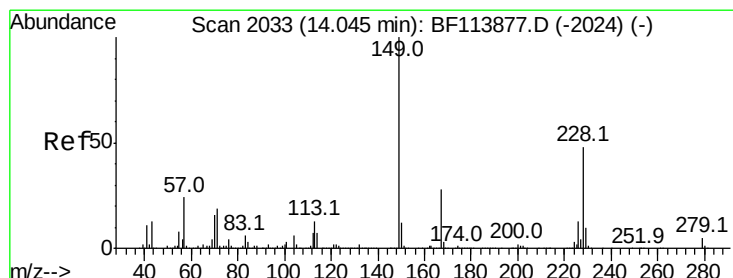
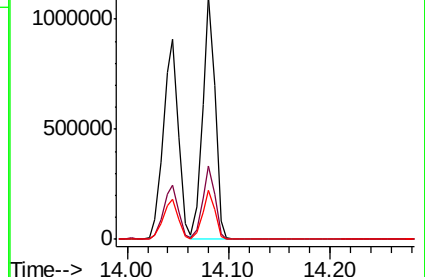
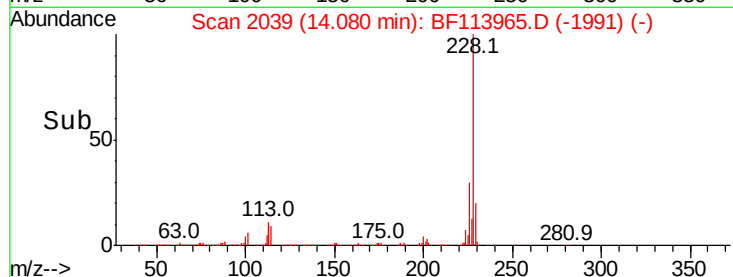
229 20.1 16.7 25.1



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: 52.317 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

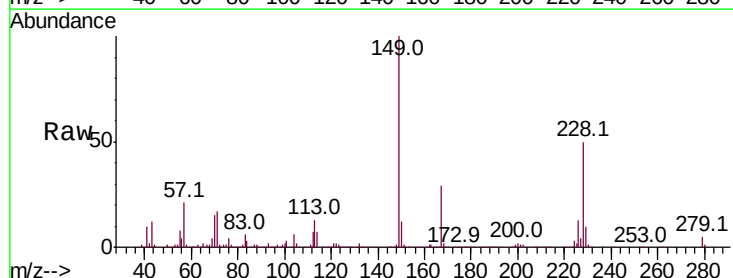
Tgt Ion:149 Resp: 586694

Ion Ratio Lower Upper

149 100

167 29.1 22.9 34.3

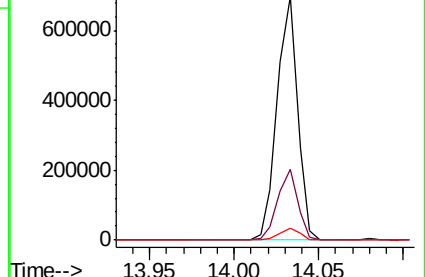
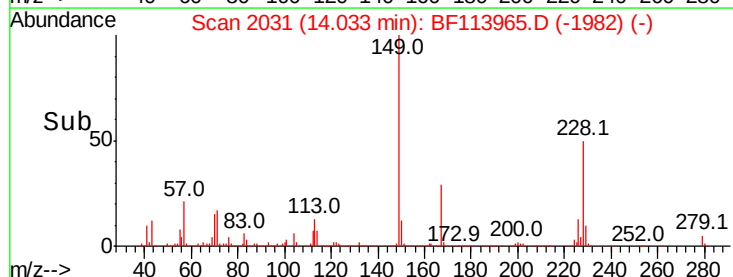
279 5.1 4.2 6.2

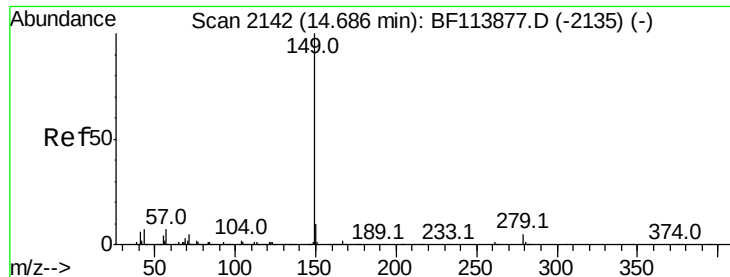


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.360 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.04 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

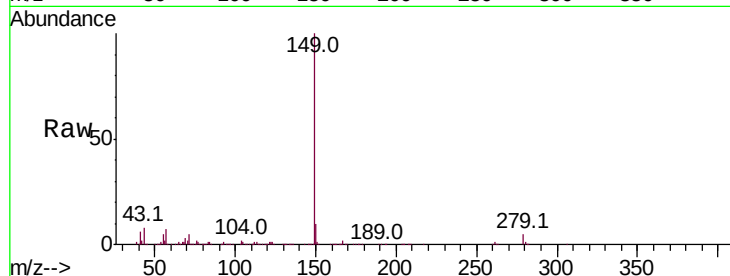
Tot Ion:149 Resp: 971731

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

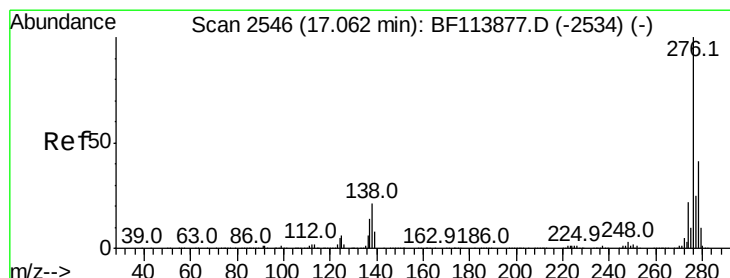
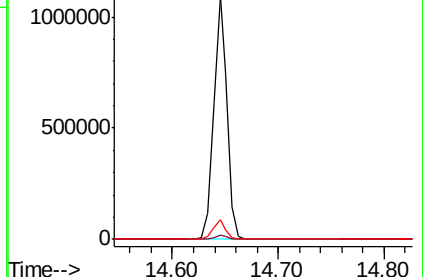
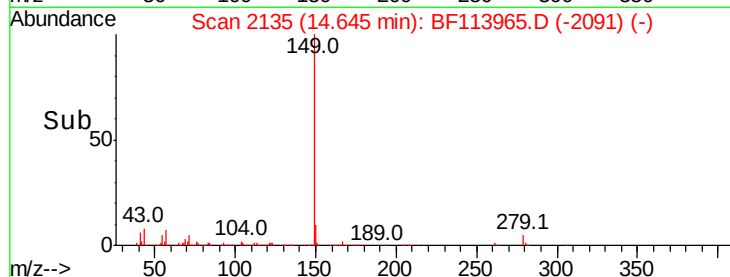
43 7.6 6.6 10.0



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: 79.750 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.03 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

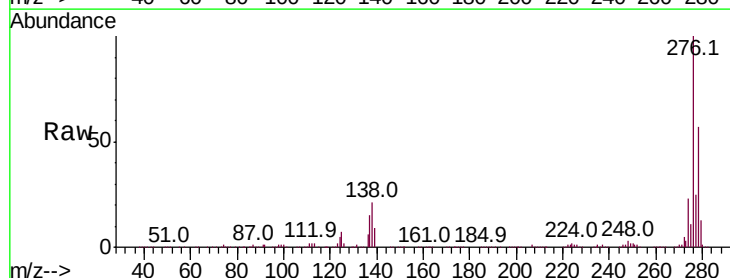
Tgt Ion:276 Resp: 1388568

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

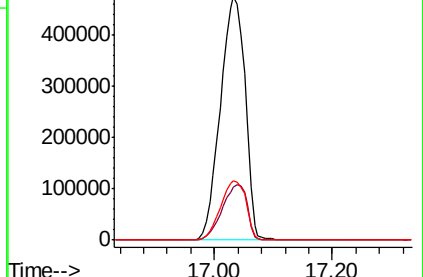
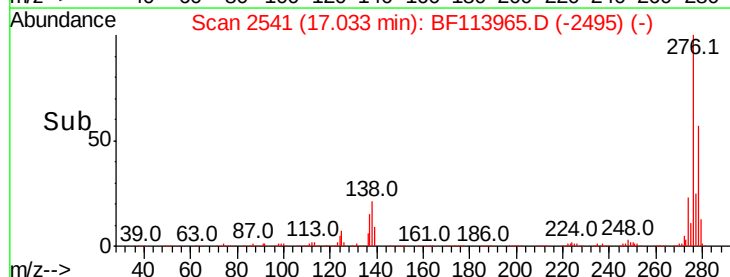
277 25.1 20.2 30.4

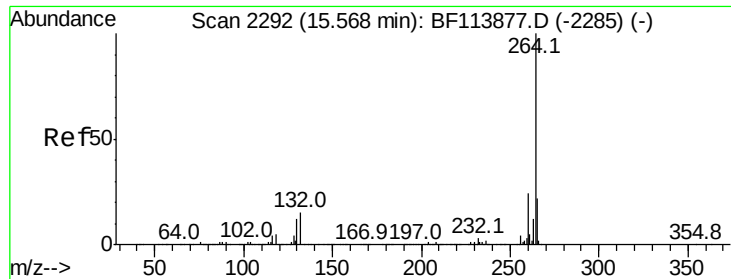


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF113965.D

Acq: 24 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

GMW-7MS

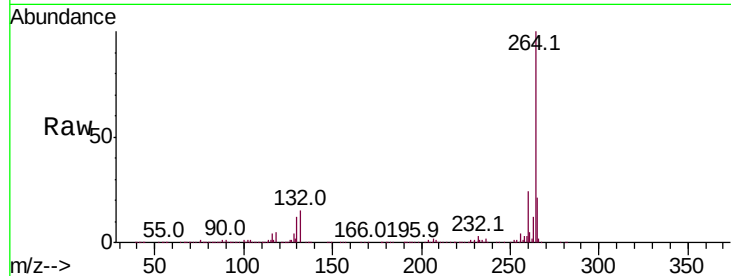
Tot Ion:264 Resp: 399336

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

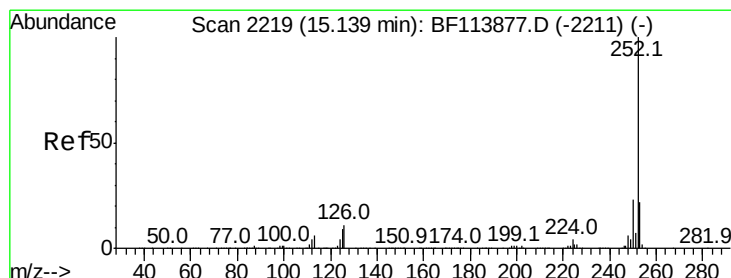
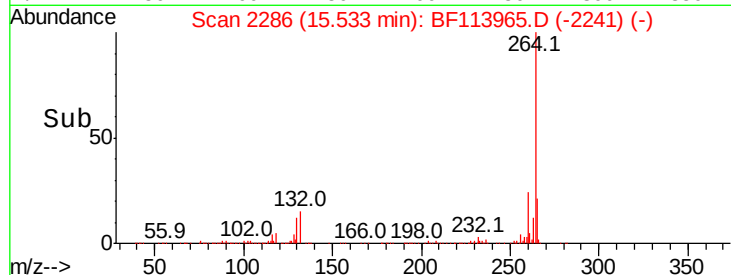
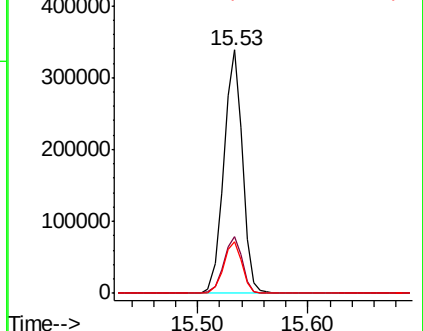
265 21.0 17.3 25.9



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: 43.530 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.04 min

Lab File: BF113965.D

Acq: 24 Apr 2019 16:55

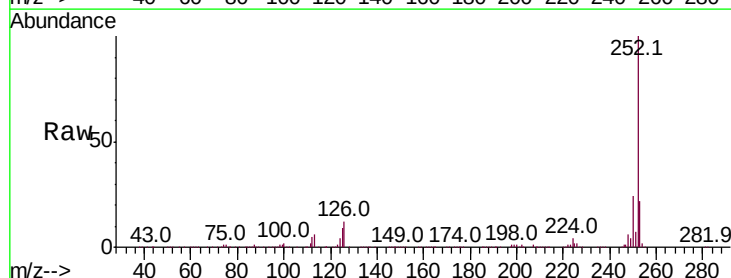
Tgt Ion:252 Resp: 1099828

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

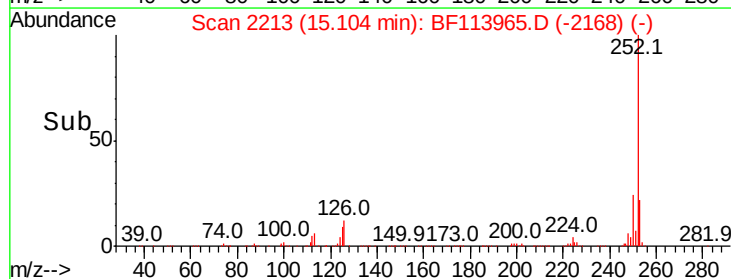
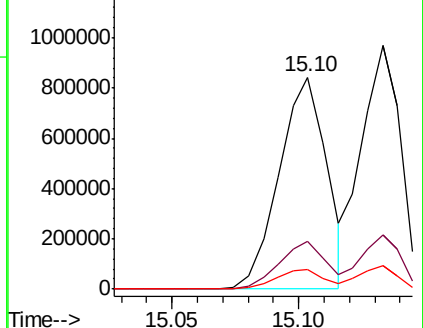
125 9.3 7.0 10.6

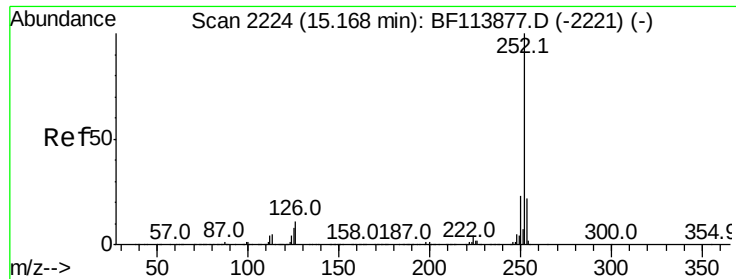


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

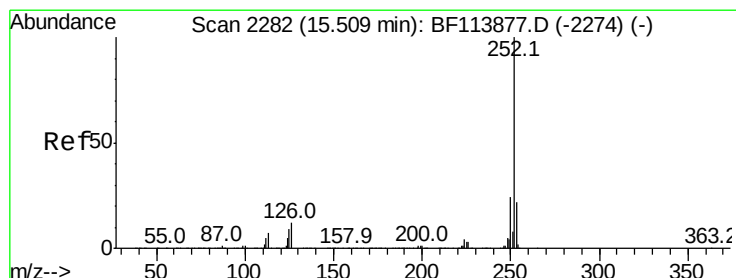
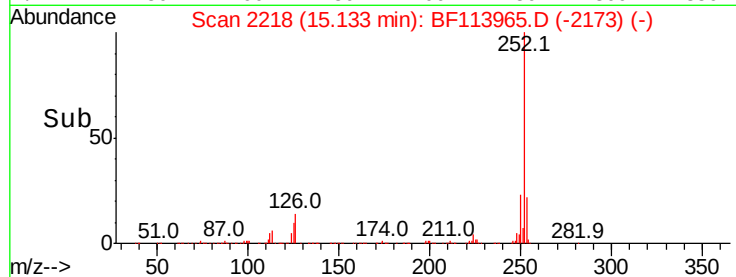
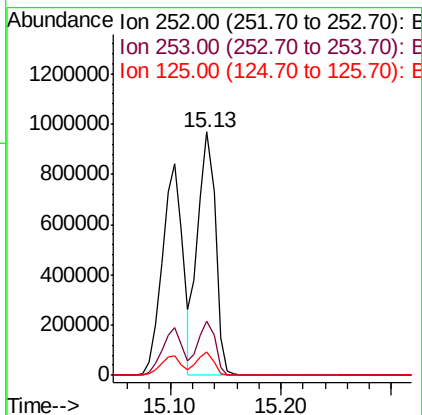
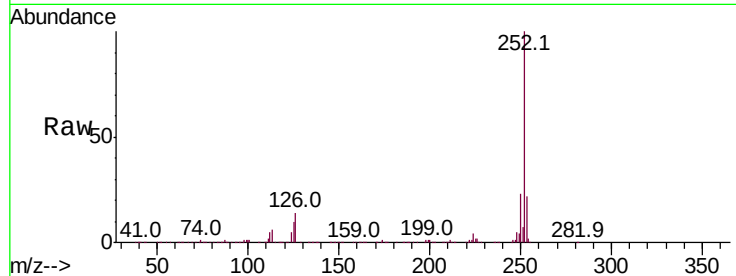




#89
Benzo(k)fluoranthene
Concen: 48.242 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

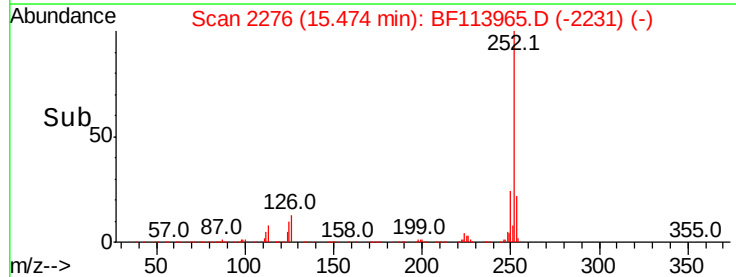
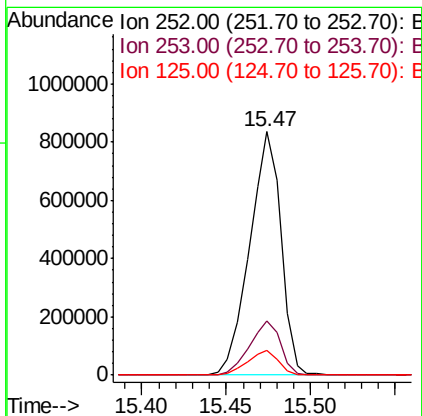
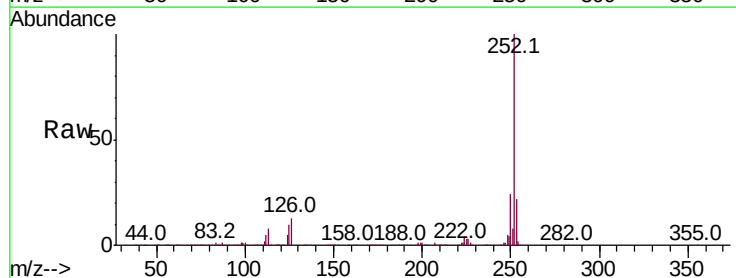
Instrument :
BNA_F
ClientSampleId :
GMW-7MS

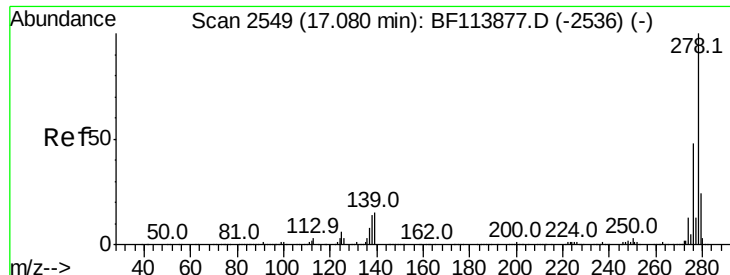
Tot Ion:252 Resp: 1048447
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.361 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:252 Resp: 1078723
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.4 8.5 12.7

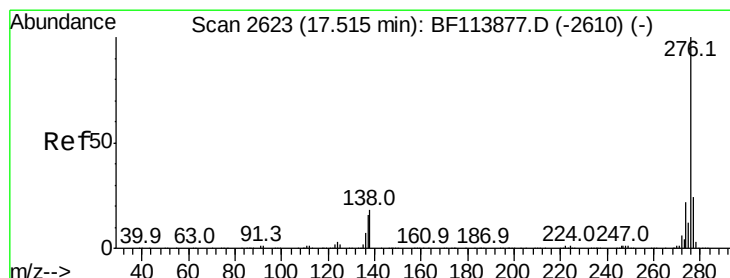
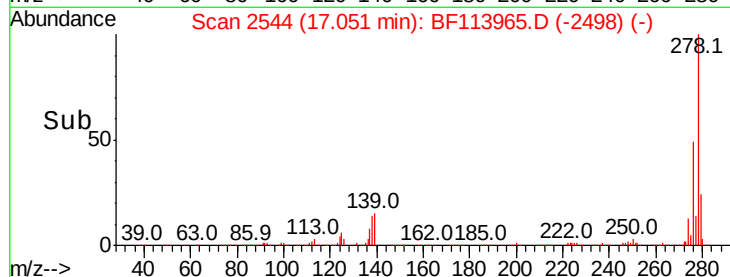
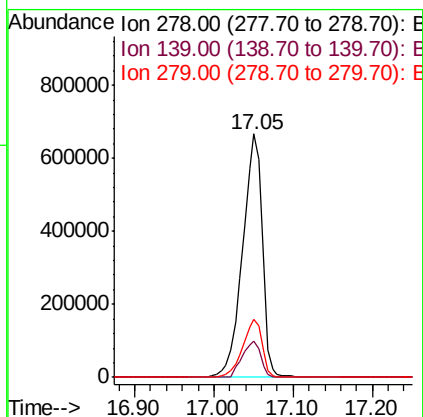
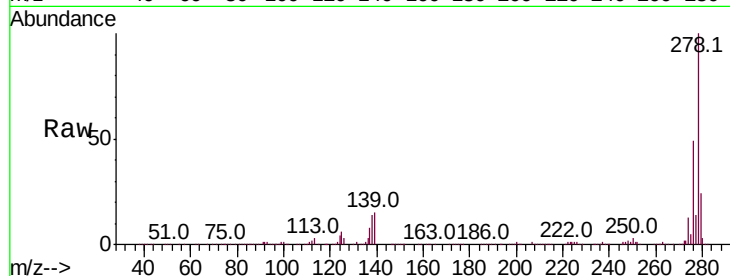




#91
Dibenzo(a,h)anthracene
Concen: 55.967 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
GMW-7MS

Tot Ion:278 Resp: 1148125
Ion Ratio Lower Upper
278 100
139 14.8 11.6 17.4
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 56.801 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF113965.D
Acq: 24 Apr 2019 16:55

Tgt Ion:276 Resp: 1175914
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 19.4 16.6 25.0

