

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115016.D
 Acq On : 13 Jun 2019 21:50
 Operator : HP/JU
 Sample : K3345-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

Quant Time: Jun 14 03:50:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264367	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1021655	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	486921	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	882921	20.00	ng	0.00
76) Chrysene-d12	13.77	240	463698	20.00	ng	0.00
87) Perylene-d12	15.14	264	535542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1047330	66.15	ng	0.00
7) Phenol-d6	6.29	99	885800	46.38	ng	0.00
23) Nitrobenzene-d5	7.22	82	1482783	87.36	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	608230	116.65	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2693806	93.76	ng	0.00
79) Terphenyl-d14	12.73	244	2460077	99.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	141464	19.089	ng	98
3) Pyridine	3.01	79	339273	16.261	ng	100
4) n-Nitrosodimethylamine	2.93	42	150504	20.317	ng	100
6) Aniline	6.31	93	391767	15.317	ng	# 81
8) 2-Chlorophenol	6.43	128	664773	37.030	ng	97
9) Benzaldehyde	6.19	77	196733	13.194	ng	99
10) Phenol	6.30	94	351275	16.440	ng	91
11) bis(2-Chloroethyl)ether	6.39	93	702257	42.343	ng	99
12) 1,3-Dichlorobenzene	6.59	146	794783	37.903	ng	99
13) 1,4-Dichlorobenzene	6.66	146	811606	38.499	ng	99
14) 1,2-Dichlorobenzene	6.82	146	754029	37.992	ng	98
15) Benzyl Alcohol	6.79	79	429108	29.988	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	922626	41.565	ng	99
17) 2-Methylphenol	6.92	107	478945	31.985	ng	99
18) Hexachloroethane	7.16	117	286853	37.679	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	504022	43.436	ng	99
20) 3+4-Methylphenols	7.07	107	503797	28.269	ng	93
22) Acetophenone	7.06	105	1074612	46.466	ng	97
24) Nitrobenzene	7.23	77	776023	44.936	ng	97
25) Isophorone	7.47	82	1437861	45.230	ng	100
26) 2-Nitrophenol	7.55	139	414948	43.108	ng	97
27) 2,4-Dimethylphenol	7.60	122	618191	44.519	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	907888	44.514	ng	99
29) 2,4-Dichlorophenol	7.79	162	625837	42.663	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	727290	42.908	ng	100
31) Naphthalene	7.95	128	2414160	49.942	ng	99
32) Benzoic acid	7.68	122	97750	9.729	ng	96
33) 4-Chloroaniline	8.00	127	303724	13.612	ng	98
34) Hexachlorobutadiene	8.07	225	392425	41.652	ng	100
35) Caprolactam	8.37	113	34038	6.967	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	608388	41.154	ng	97
37) 2-Methylnaphthalene	8.65	142	1533309	47.558	ng	98
38) 1-Methylnaphthalene	8.74	142	1459991	47.913	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	656111	45.609	ng	99

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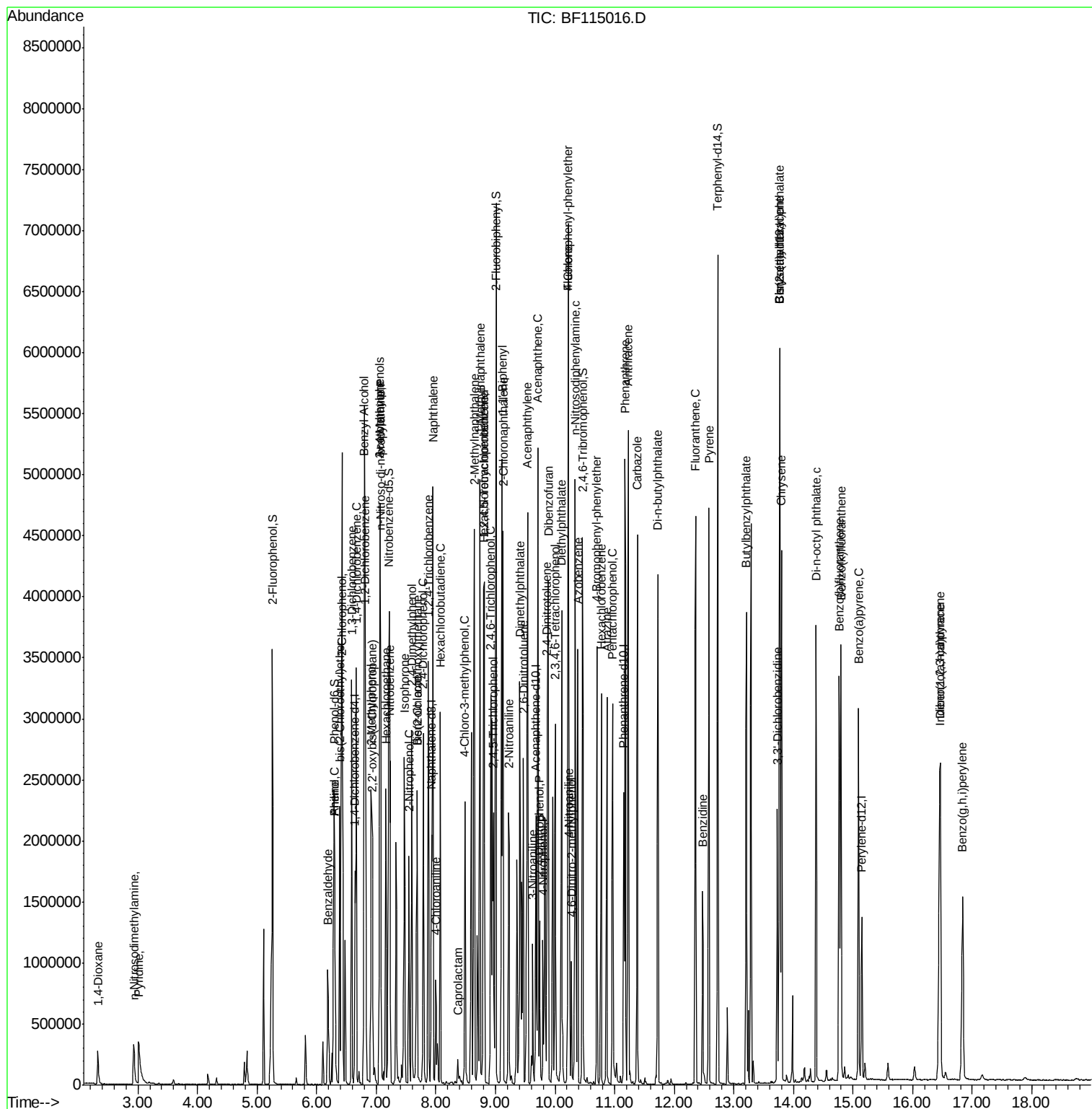
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	448603	63.285	ng	99
43) 2,4,6-Trichlorophenol	8.92	196	453443	42.202	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	477277	43.955	ng	99
46) 1,1'-Biphenyl	9.10	154	1765643	45.251	ng	99
47) 2-Chloronaphthalene	9.13	162	1401573	44.420	ng	100
48) 2-Nitroaniline	9.22	65	407552	43.700	ng	97
49) Acenaphthylene	9.54	152	2144500	44.205	ng	99
50) Dimethylphthalate	9.41	163	1673529	45.702	ng	100
51) 2,6-Dinitrotoluene	9.47	165	392087	47.203	ng	92
52) Acenaphthene	9.71	154	1259639	45.383	ng	99
53) 3-Nitroaniline	9.63	138	192032	18.869	ng	95
54) 2,4-Dinitrophenol	9.74	184	187675	46.581	ng	95
55) Dibenzofuran	9.89	168	1869461	44.691	ng	98
56) 4-Nitrophenol	9.80	139	230789	32.885	ng	99
57) 2,4-Dinitrotoluene	9.87	165	499482	47.244	ng	96
58) Fluorene	10.22	166	1323572	47.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	368006	41.957	ng	99
60) Diethylphthalate	10.11	149	1612645	46.058	ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	647314	47.215	ng	98
62) 4-Nitroaniline	10.25	138	373764	36.527	ng	96
63) Azobenzene	10.38	77	1406044	45.902	ng	96
65) 4,6-Dinitro-2-methylphenol	10.27	198	140983	28.489	ng	96
66) n-Nitrosodiphenylamine	10.34	169	1296424	49.122	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	444030	46.839	ng	96
68) Hexachlorobenzene	10.77	284	473022	45.322	ng	# 91
69) Atrazine	10.87	200	422491	49.651	ng	98
70) Pentachlorophenol	10.96	266	405767	71.589	ng	99
71) Phenanthrene	11.17	178	2009699	44.085	ng	100
72) Anthracene	11.23	178	2076830	45.159	ng	100
73) Carbazole	11.38	167	1825734	45.483	ng	99
74) Di-n-butylphthalate	11.72	149	2295450	45.360	ng	100
75) Fluoranthene	12.36	202	1927184	41.343	ng	100
77) Benzidine	12.47	184	598371	31.904	ng	97
78) Pyrene	12.58	202	1888205	44.700	ng	100
80) Butylbenzylphthalate	13.21	149	895156	45.370	ng	98
81) Benzo(a)anthracene	13.76	228	1542016	44.439	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	441549	33.191	ng	# 97
83) Chrysene	13.80	228	1559518	45.196	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1131095	48.505	ng	99
85) Di-n-octyl phthalate	14.38	149	1872985	46.642	ng	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1408062	46.455	ng	99
88) Benzo(b)fluoranthene	14.77	252	1562619	43.893	ng	99
89) Benzo(k)fluoranthene	14.80	252	1442301	46.156	ng	100
90) Benzo(a)pyrene	15.09	252	1436852	46.773	ng	99
91) Dibenzo(a,h)anthracene	16.46	278	1190560	45.002	ng	99
92) Benzo(g,h,i)perylene	16.84	276	1145843	42.469	ng	99

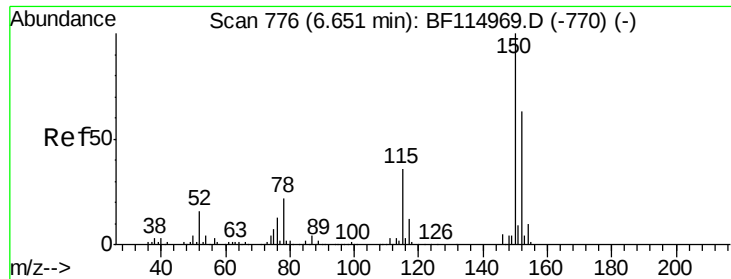
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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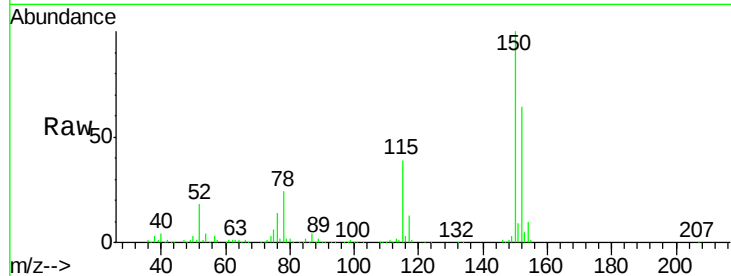


#1

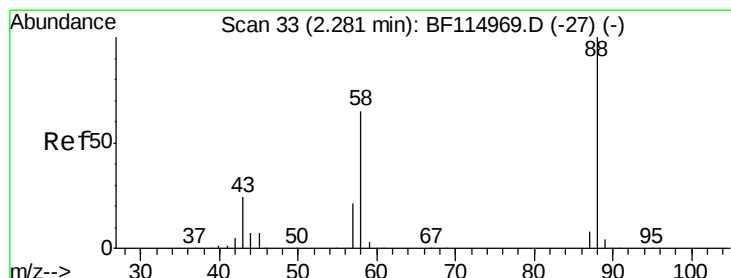
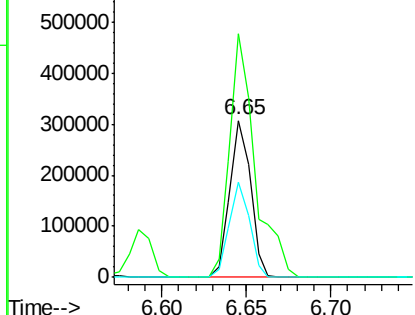
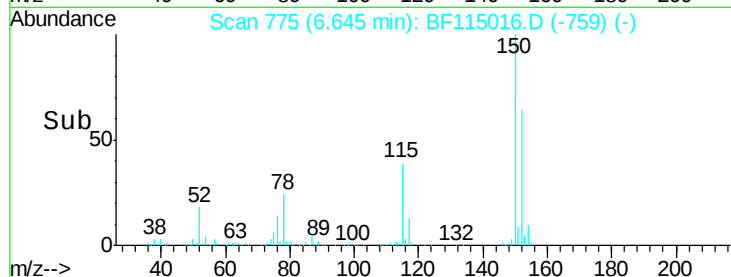
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:152 Resp: 264367
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 61.1 46.0 69.0



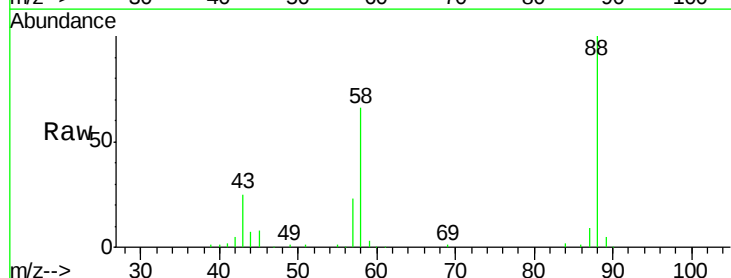
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



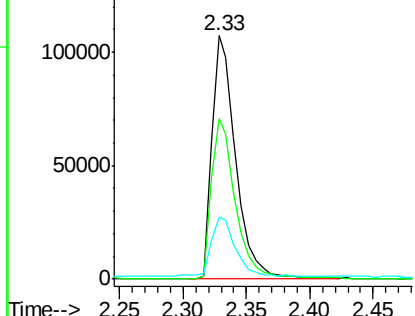
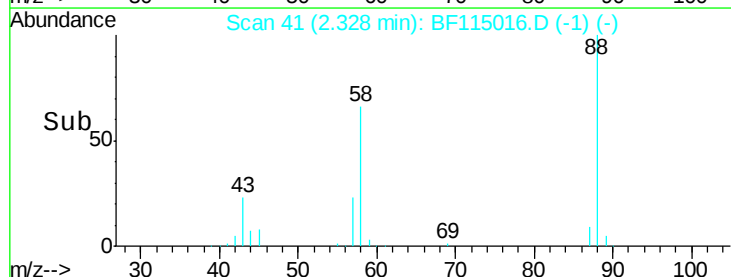
#2

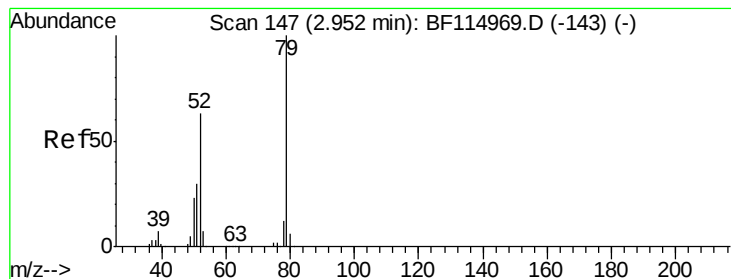
1,4-Dioxane
Concen: 19.089 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion: 88 Resp: 141464
Ion Ratio Lower Upper
88 100
58 65.5 53.4 80.2
43 25.2 19.7 29.5



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





#3

Pyridine

Concen: 16.261 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

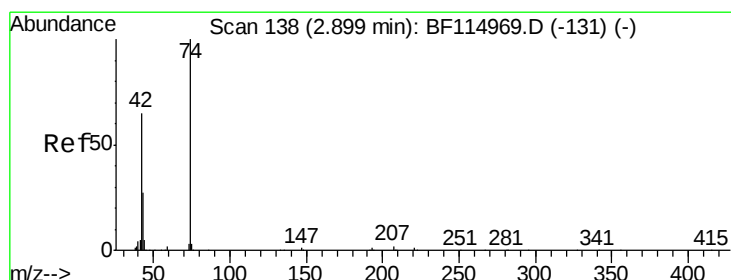
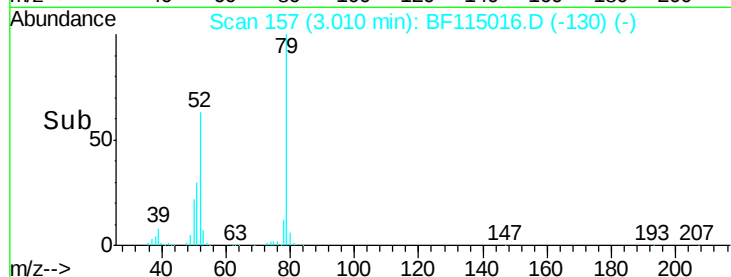
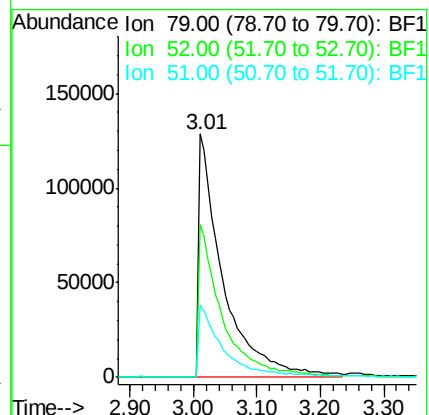
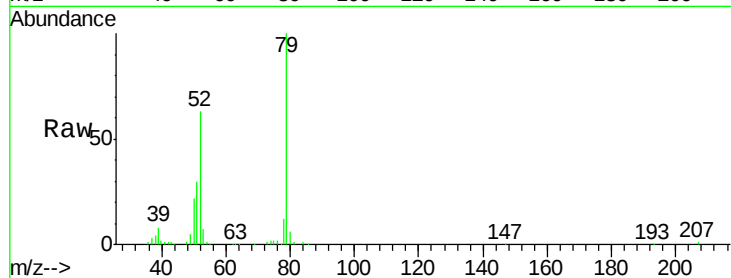
Tgt Ion: 79 Resp: 339273

Ion Ratio Lower Upper

79 100

52 62.8 50.3 75.5

51 29.9 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 20.317 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.04 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

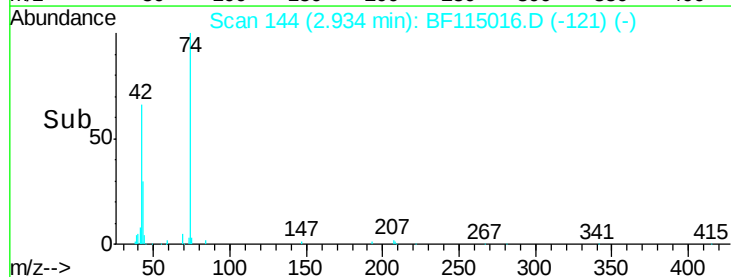
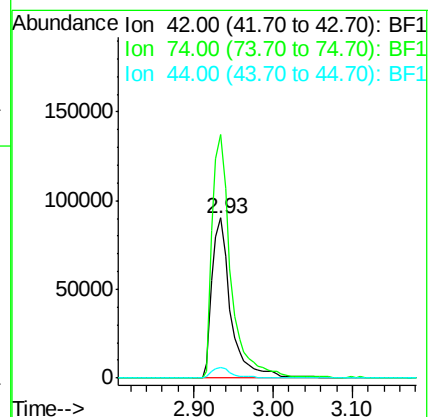
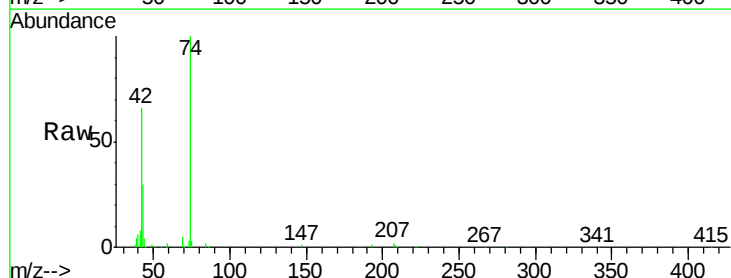
Tgt Ion: 42 Resp: 150504

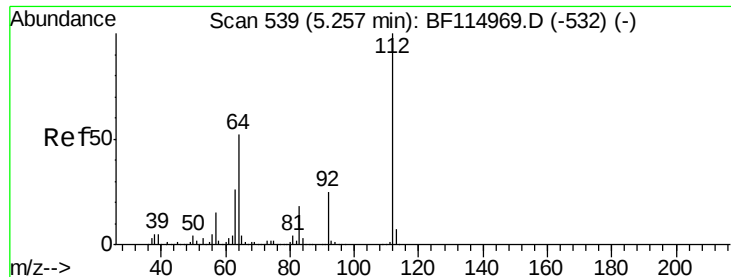
Ion Ratio Lower Upper

42 100

74 152.3 122.2 183.2

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 66.151 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF115016.D

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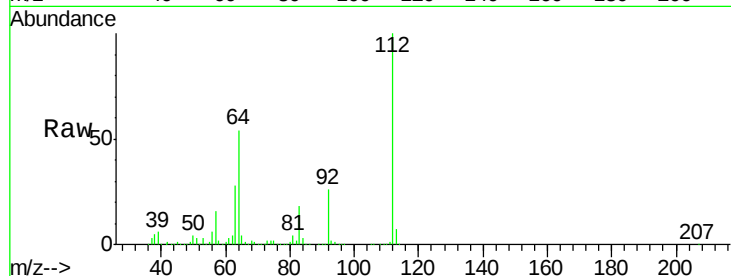
Tgt Ion: 112 Resp: 1047330

Ion Ratio Lower Upper

112 100

64 54.4 41.6 62.4

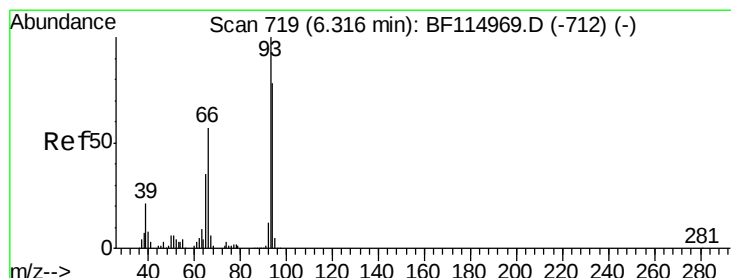
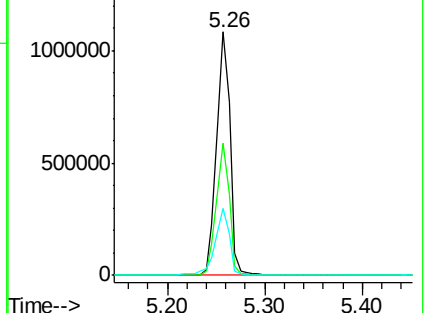
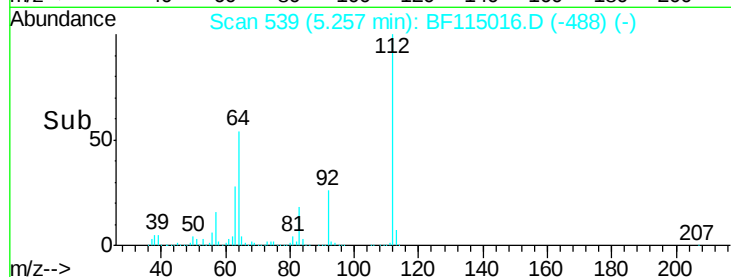
63 27.6 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF115016.D (-488) (-)

Ion 64.00 (63.70 to 64.70): BF115016.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BF115016.D (-488) (-)



#6

Aniline

Concen: 15.317 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

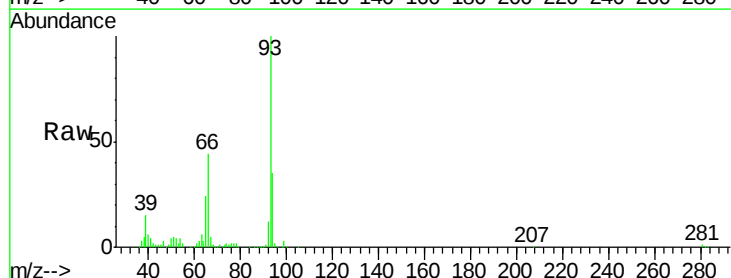
Tgt Ion: 93 Resp: 391767

Ion Ratio Lower Upper

93 100

66 43.6 46.2 69.2#

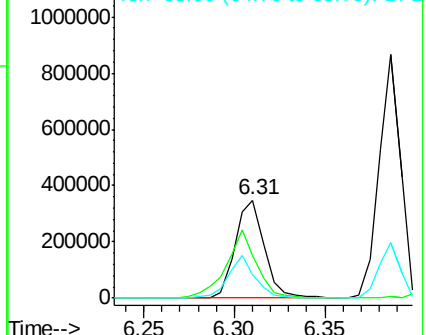
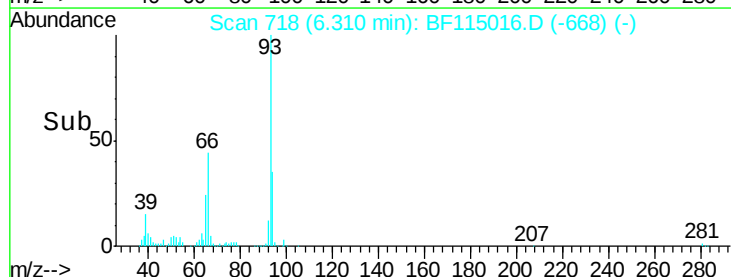
65 23.6 27.7 41.5#

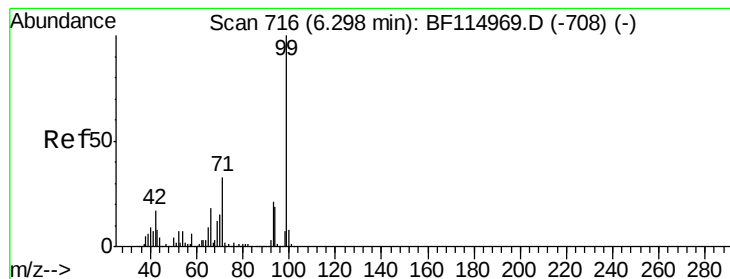


Abundance Ion 93.00 (92.70 to 93.70): BF115016.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BF115016.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BF115016.D (-668) (-)





#7

Phenol-d6

Concen: 46.381 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

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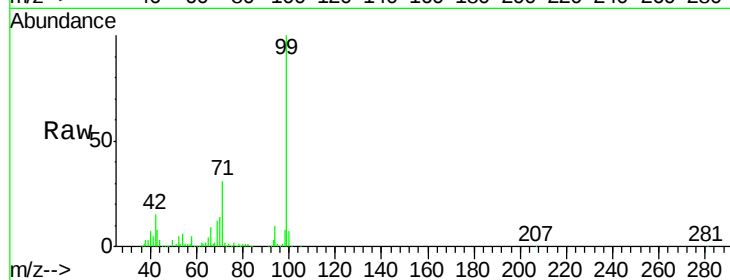
Tgt Ion: 99 Resp: 885800

Ion Ratio Lower Upper

99 100

42 15.0 13.4 20.2

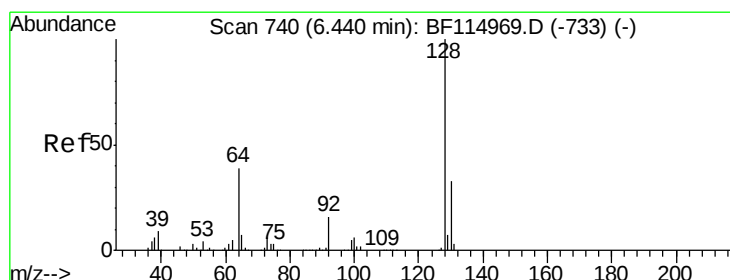
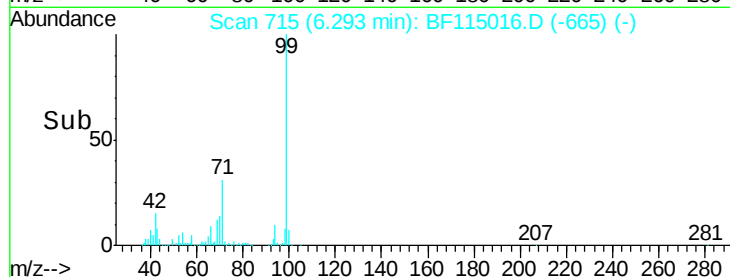
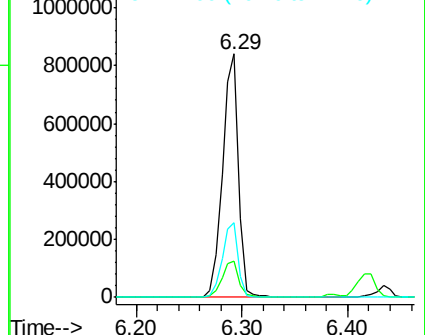
71 30.7 26.4 39.6



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: 37.030 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115016.D

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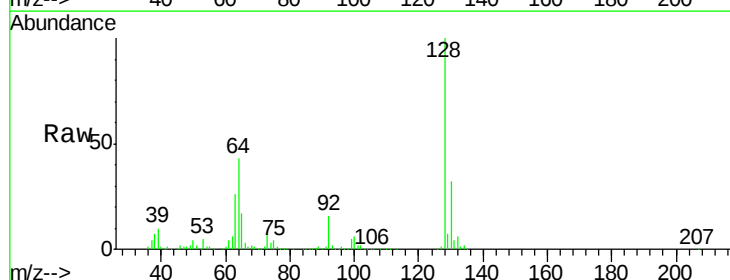
Tgt Ion: 128 Resp: 664773

Ion Ratio Lower Upper

128 100

130 32.4 13.4 53.4

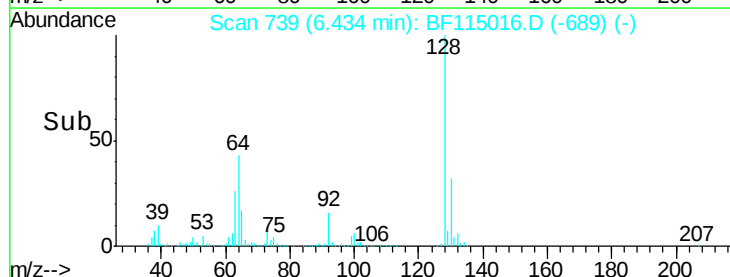
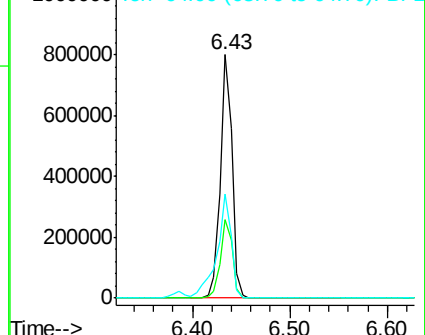
64 42.6 20.1 60.1

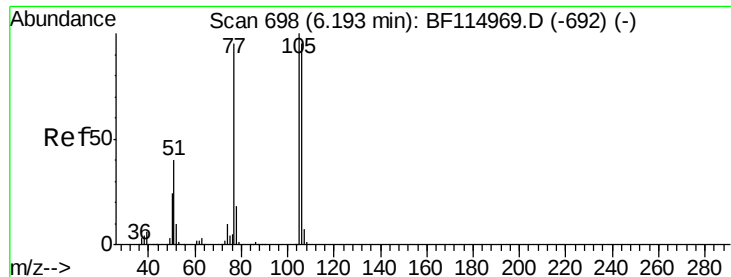


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.194 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

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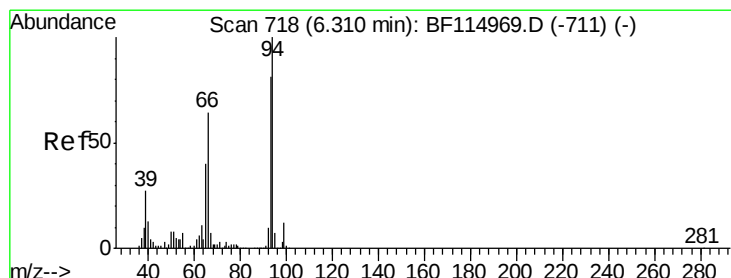
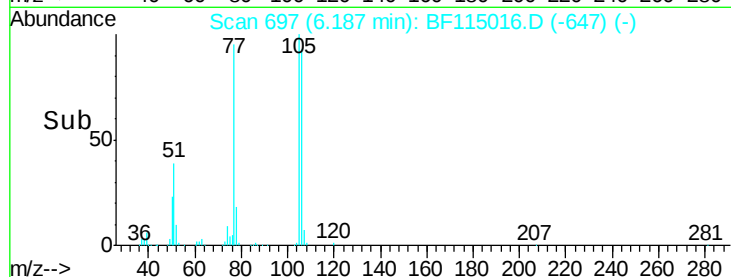
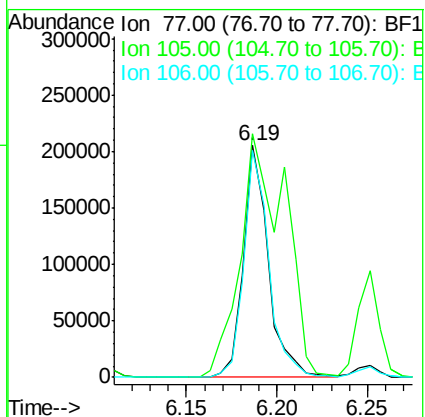
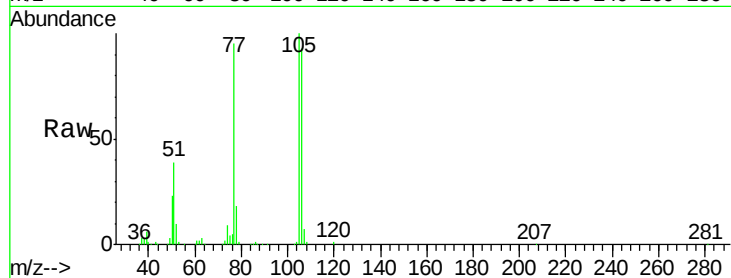
Tgt Ion: 77 Resp: 196733

Ion Ratio Lower Upper

77 100

105 105.1 85.1 125.1

106 97.8 80.0 120.0



#10

Phenol

Concen: 16.440 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

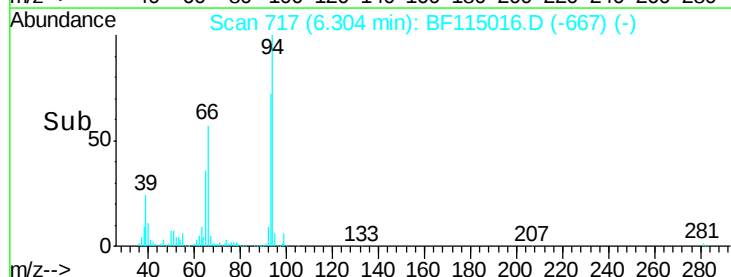
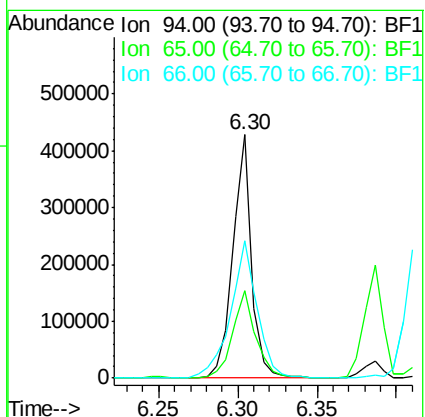
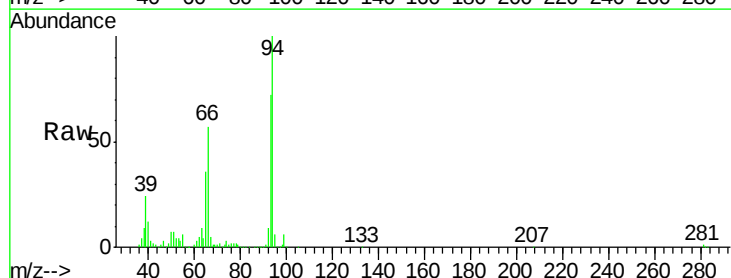
Tgt Ion: 94 Resp: 351275

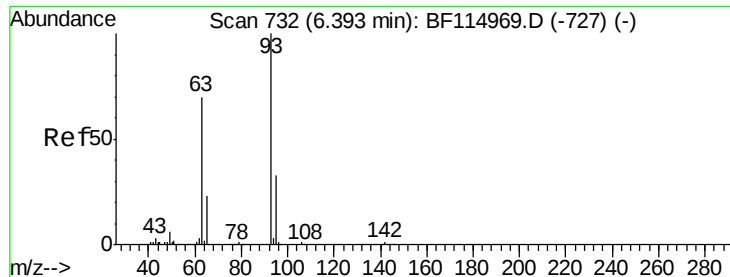
Ion Ratio Lower Upper

94 100

65 35.7 20.0 60.0

66 56.7 44.1 84.1

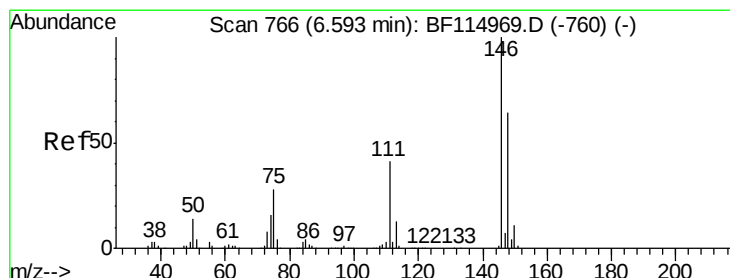
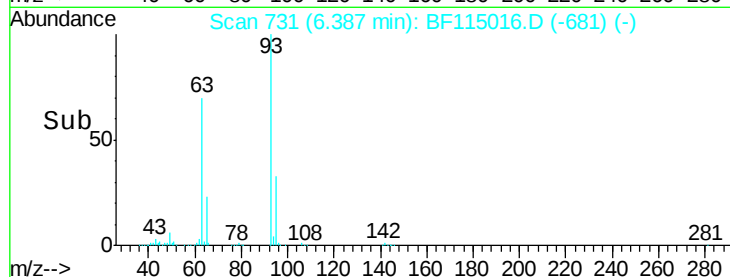
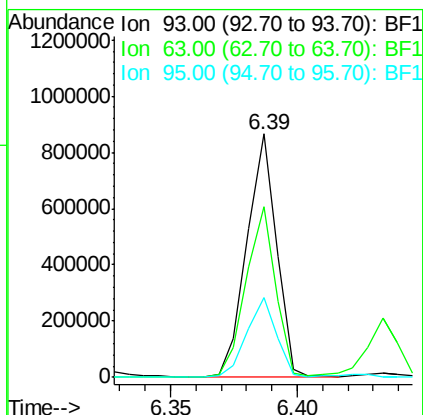
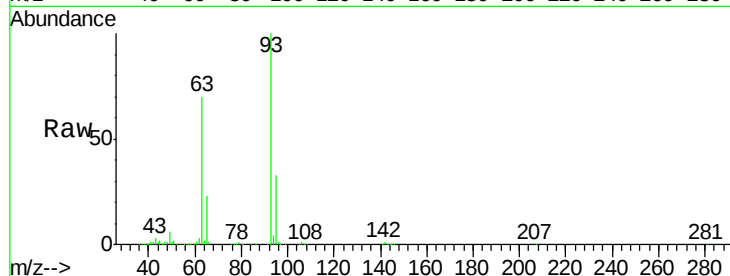




#11
bis(2-Chloroethyl)ether
Concen: 42.343 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

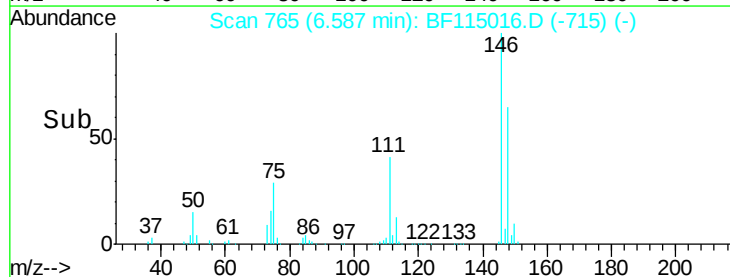
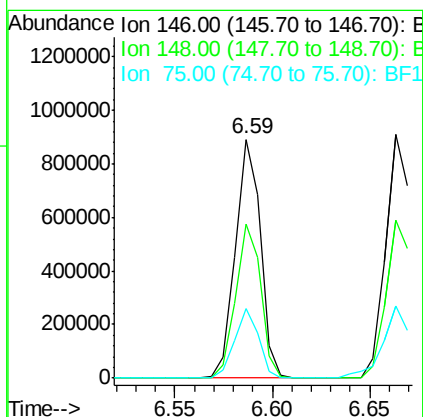
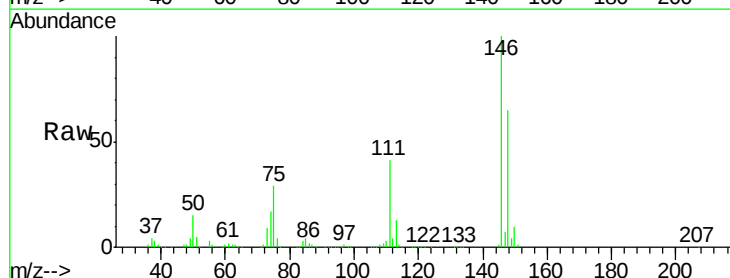
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

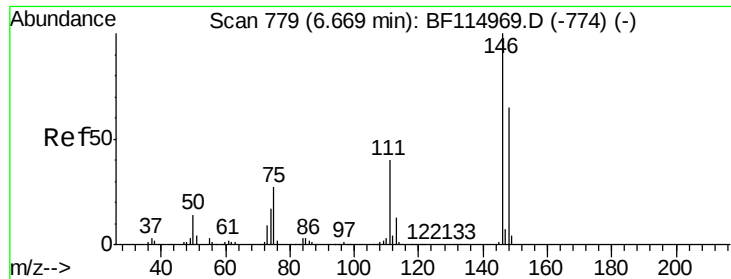
Tgt Ion:	93	Resp:	702257
Ion	Ratio	Lower	Upper
93	100		
63	70.4	49.8	89.8
95	32.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 37.903 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:	146	Resp:	794783
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.9	22.3	33.5

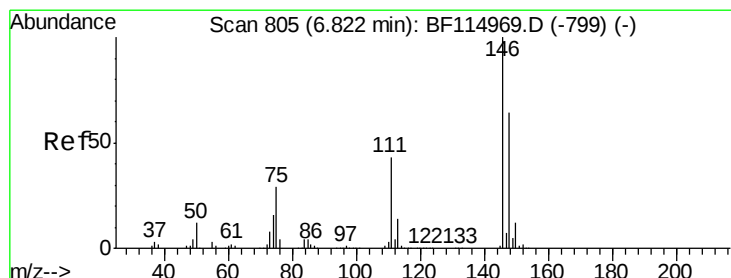
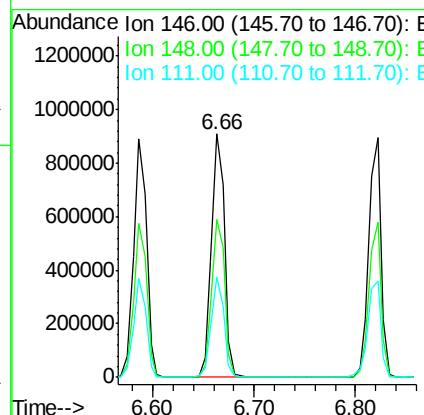
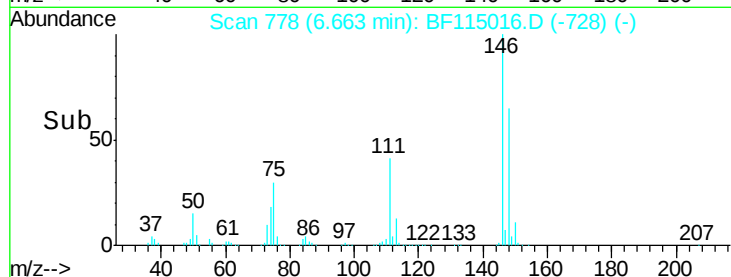
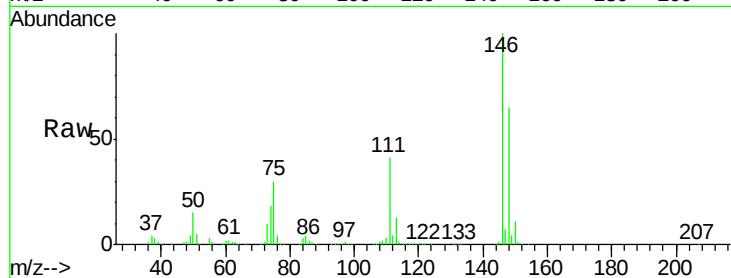




#13
 1,4-Dichlorobenzene
 Concen: 38.499 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

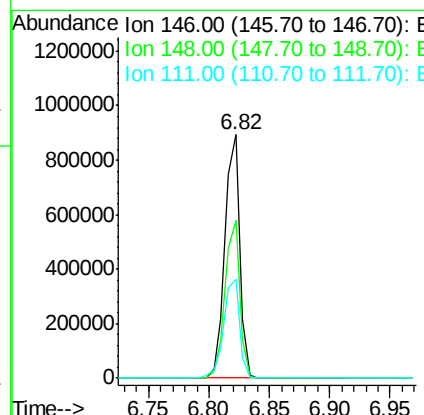
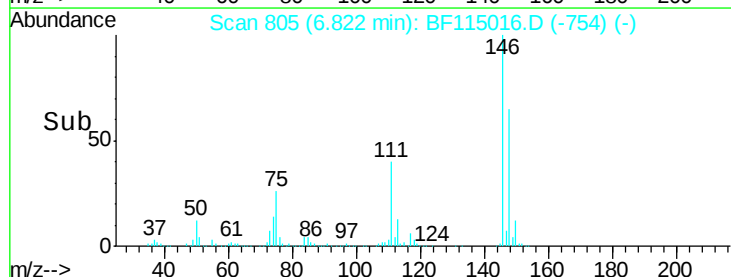
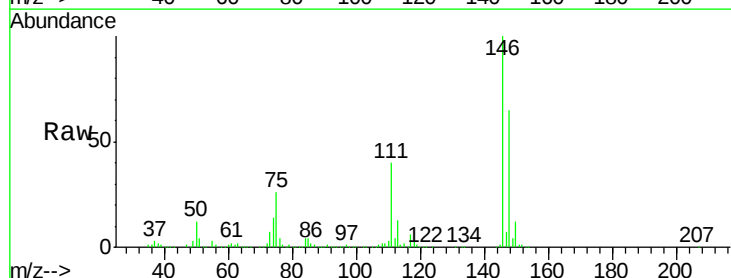
Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

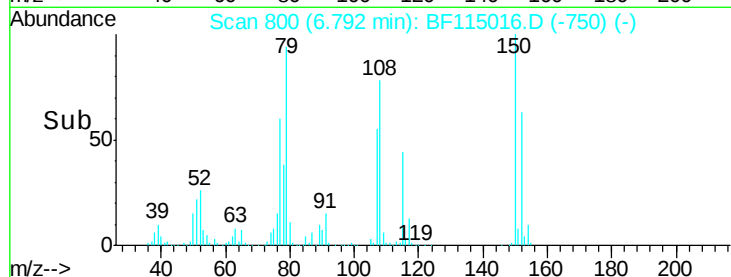
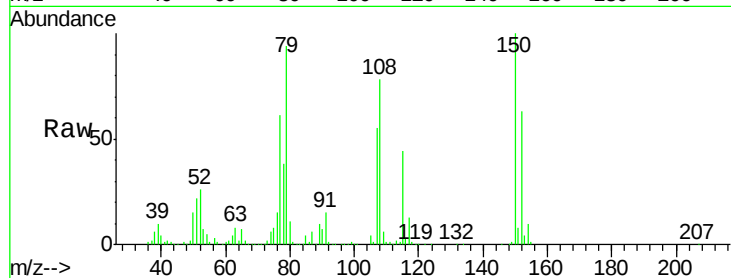
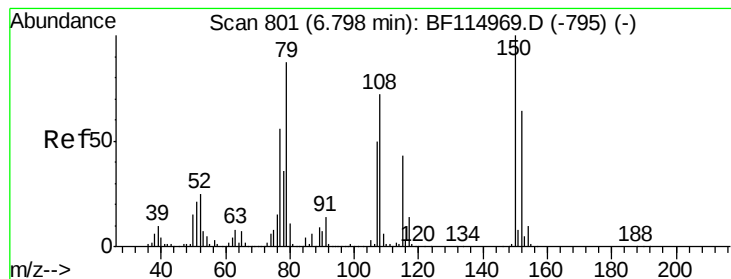
Tgt Ion:146 Resp: 811606
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 41.0 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.992 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion:146 Resp: 754029
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 40.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 29.988 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

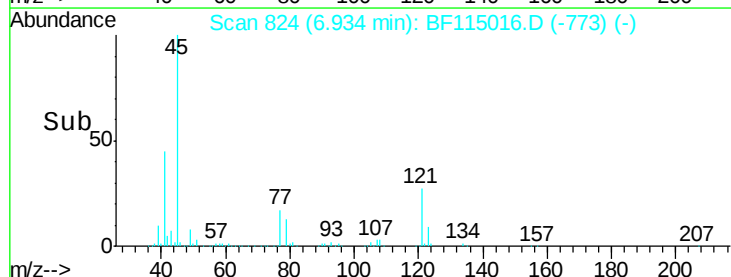
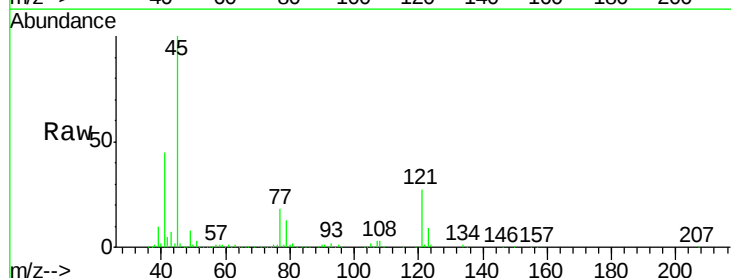
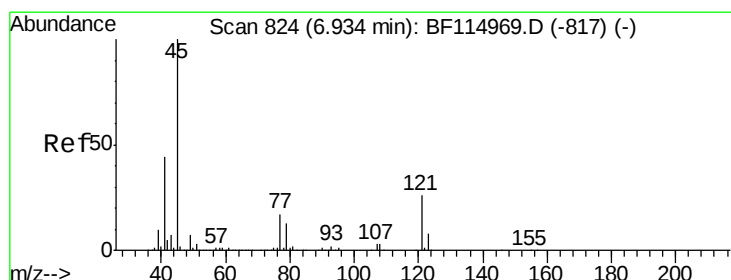
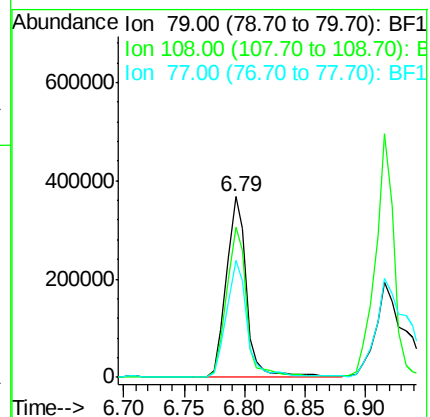
Tgt Ion: 79 Resp: 429108

Ion Ratio Lower Upper

79 100

108 82.9 66.0 99.0

77 64.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.565 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

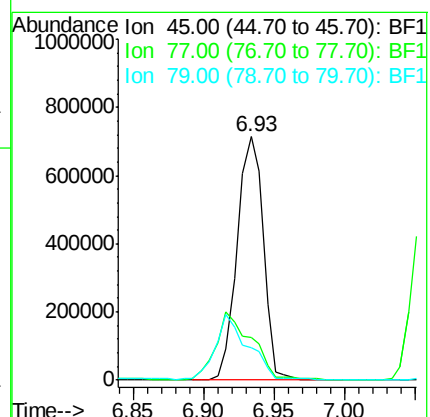
Tgt Ion: 45 Resp: 922626

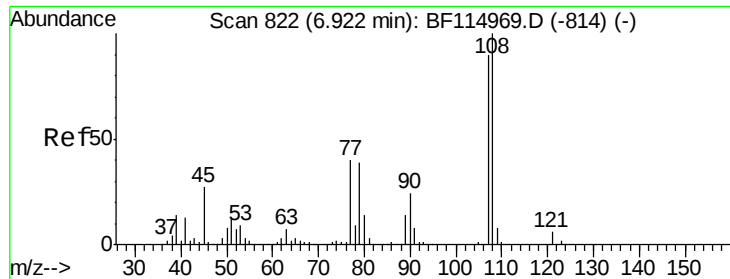
Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.0

79 13.4 0.0 33.1





#17

2-Methylphenol

Concen: 31.985 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

Tgt Ion:107 Resp: 478945

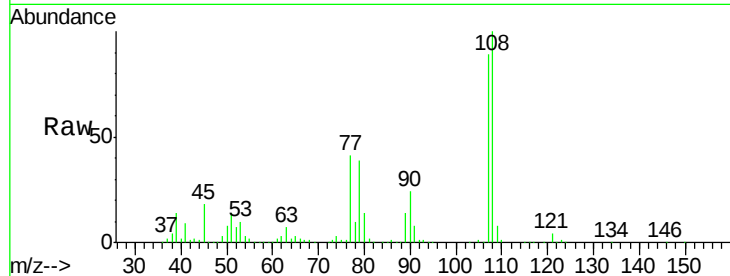
Ion Ratio Lower Upper

107 100

108 112.6 89.3 133.9

77 45.8 35.4 53.2

79 43.9 34.9 52.3

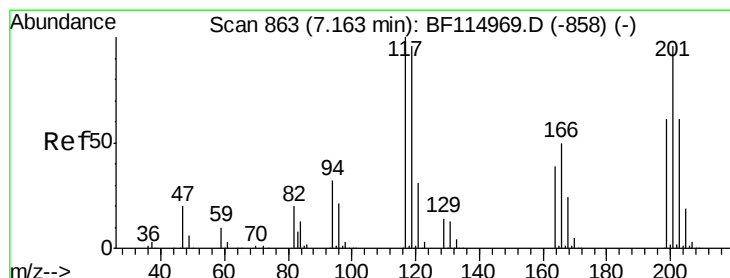
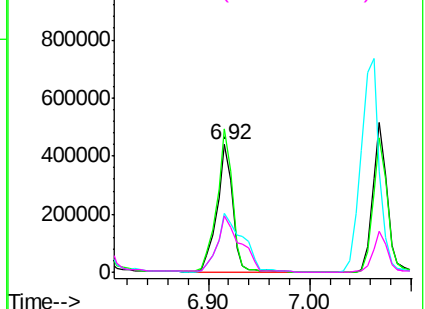
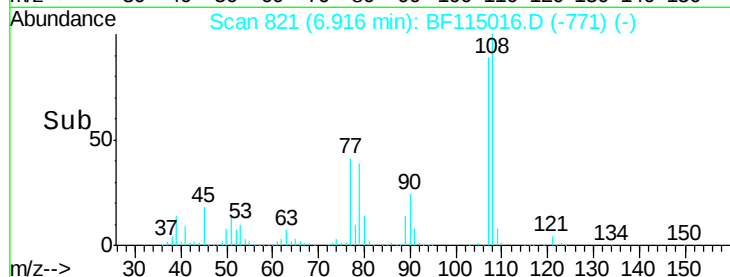


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.679 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

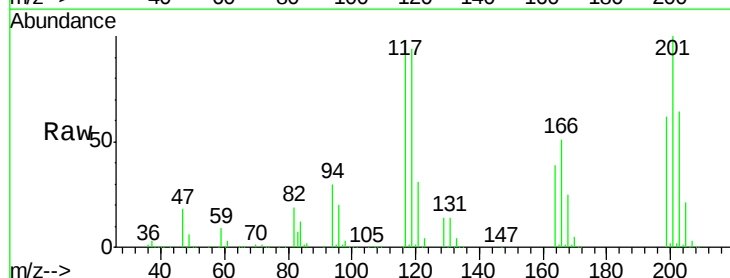
Tgt Ion:117 Resp: 286853

Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.4

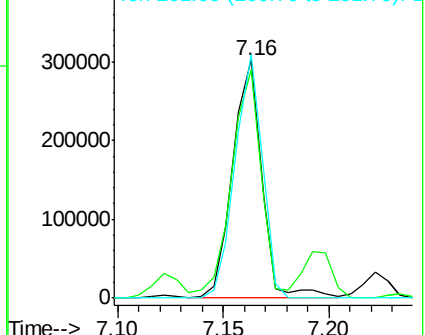
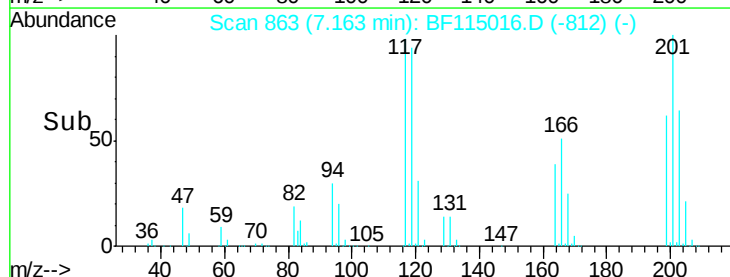
201 102.2 76.6 115.0

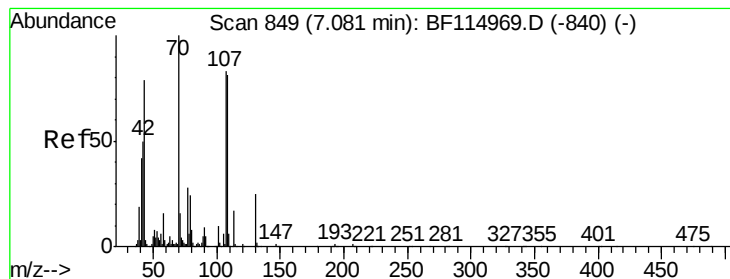


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.436 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

Tgt Ion: 70 Resp: 504022

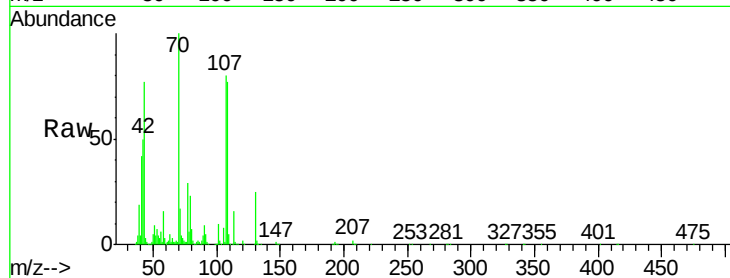
Ion Ratio Lower Upper

70 100

42 49.6 40.3 60.5

101 10.4 8.2 12.4

130 24.7 20.3 30.5

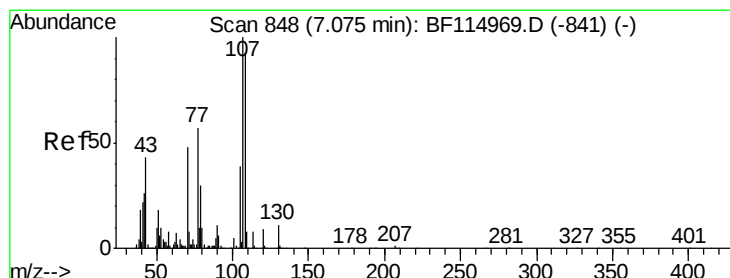
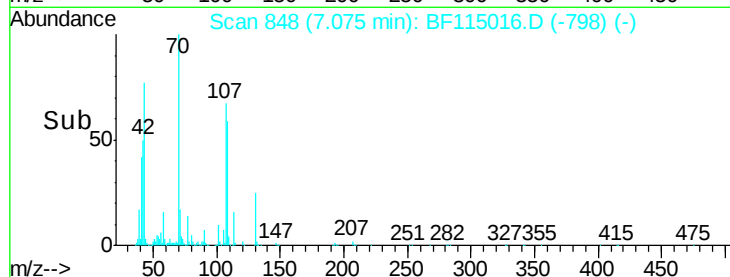
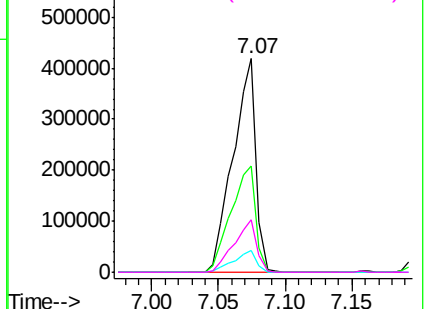


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 28.269 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Tgt Ion: 107 Resp: 503797

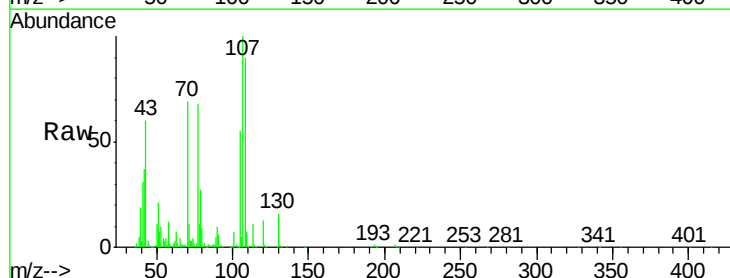
Ion Ratio Lower Upper

107 100

108 90.1 73.1 113.1

77 67.7 37.3 77.3

79 27.5 9.6 49.6

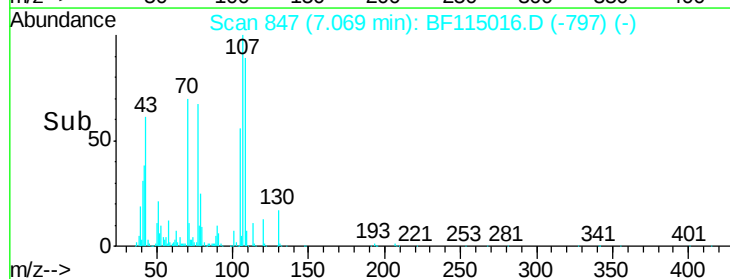
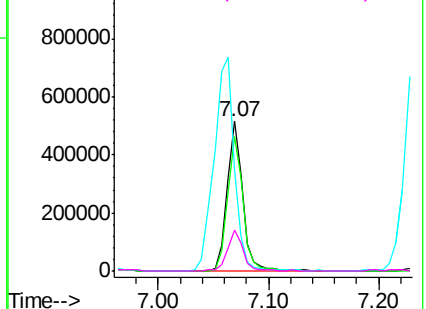


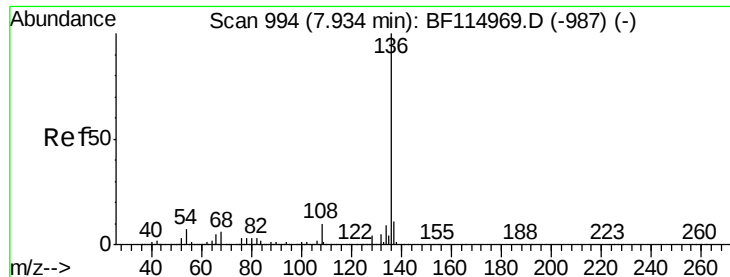
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

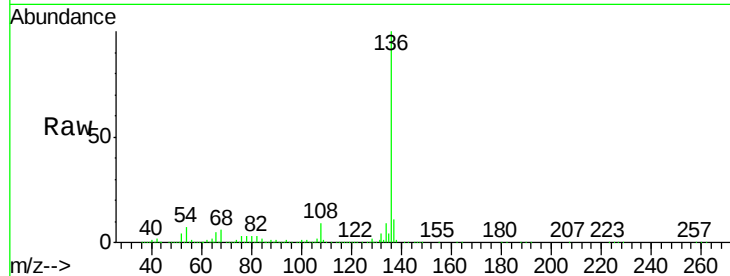




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:	136	Resp:	1021655
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.4	8.0
68	5.7	4.6	7.0



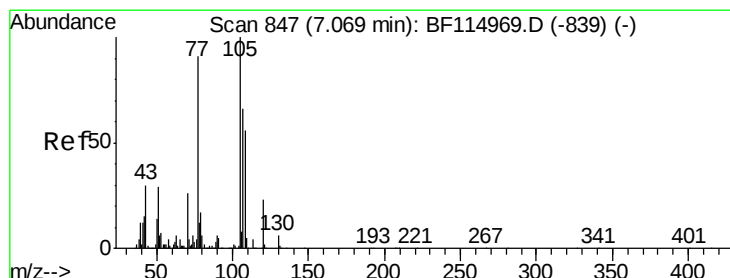
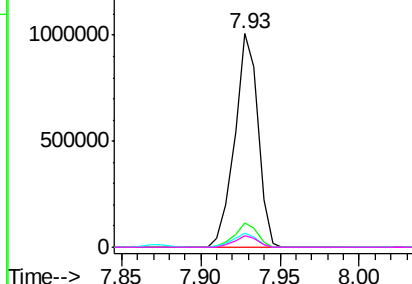
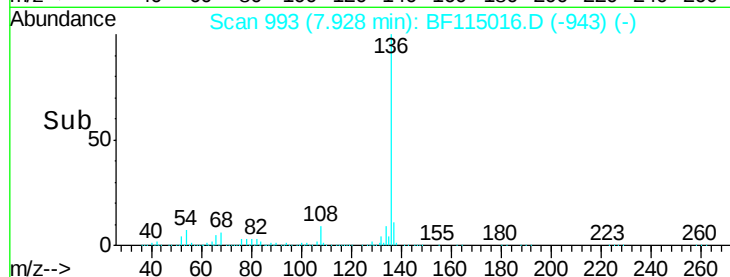
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

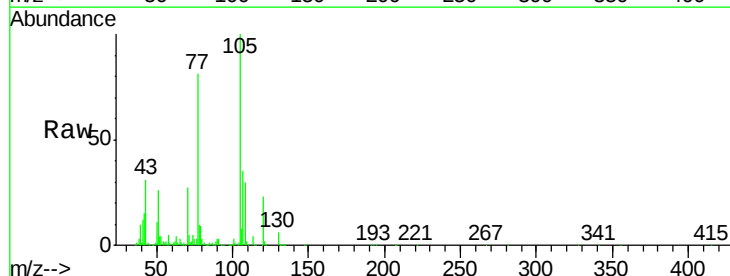
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.466 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:	105	Resp:	1074612
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.4	5.2
51	25.7	23.3	34.9
120	23.3	18.8	28.2



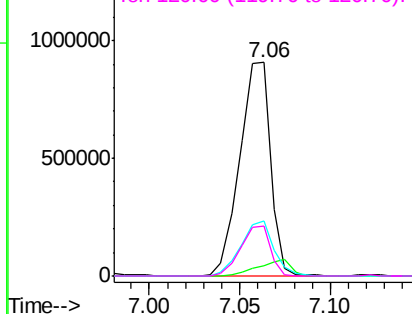
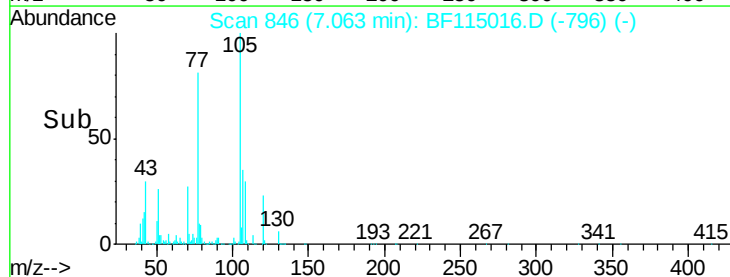
Abundance

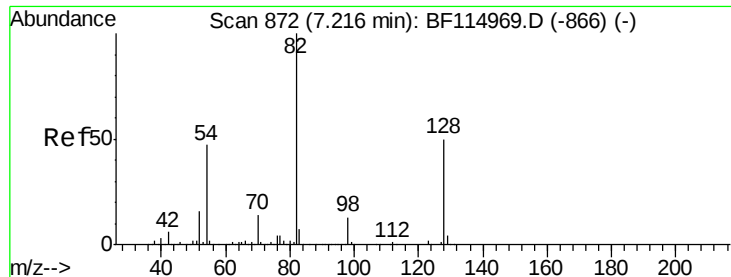
Ion 105.00 (104.70 to 105.70): E

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

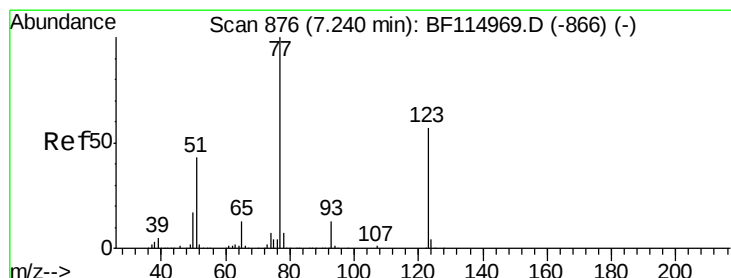
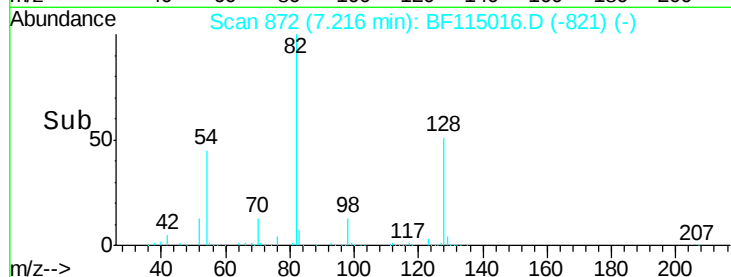
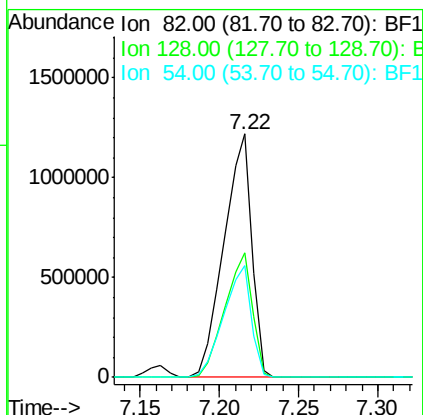
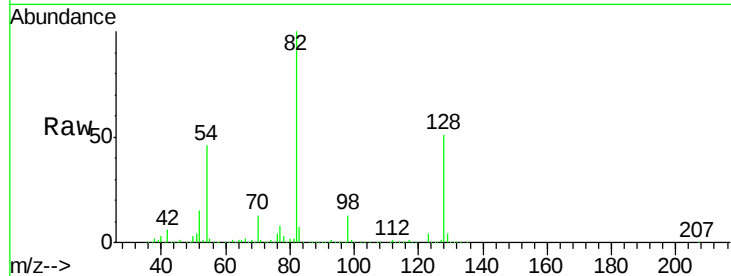




#23
 Nitrobenzene-d5
 Concen: 87.360 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

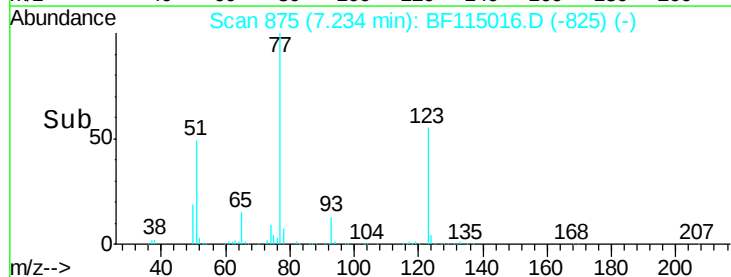
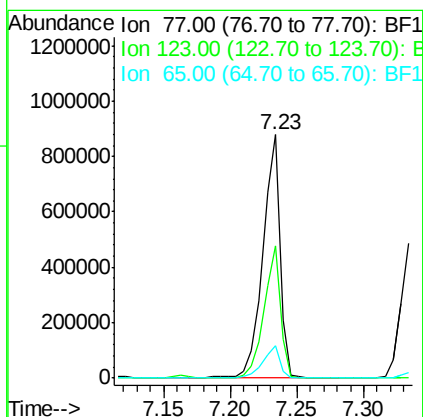
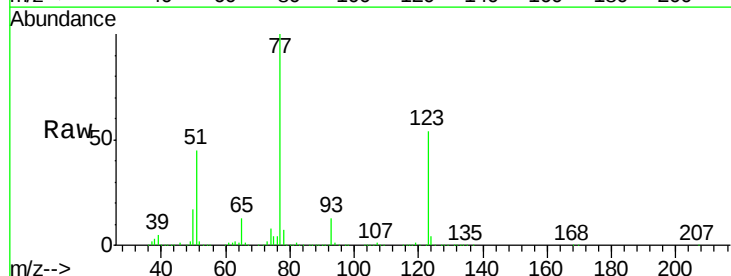
Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

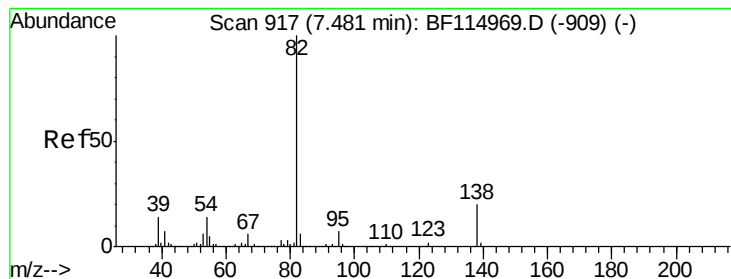
Tgt Ion: 82 Resp: 1482783
 Ion Ratio Lower Upper
 82 100
 128 51.3 39.9 59.9
 54 46.0 37.3 55.9



#24
 Nitrobenzene
 Concen: 44.936 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion: 77 Resp: 776023
 Ion Ratio Lower Upper
 77 100
 123 54.1 45.5 68.3
 65 13.4 10.3 15.5





#25

Isophorone

Concen: 45.230 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

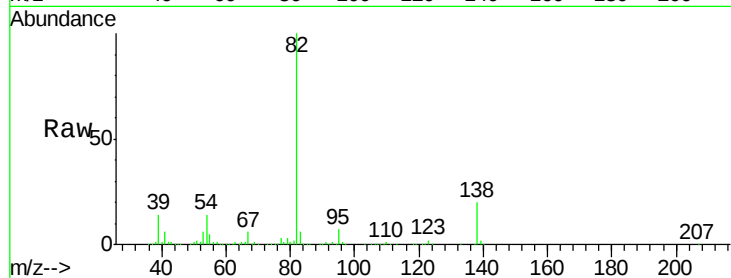
Tgt Ion: 82 Resp: 1437861

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

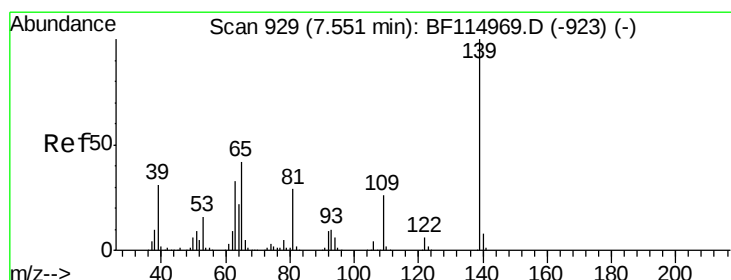
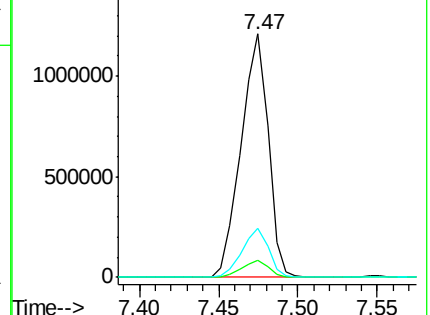
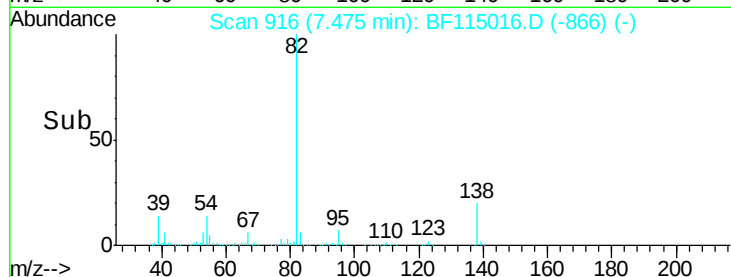
138 20.4 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.108 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

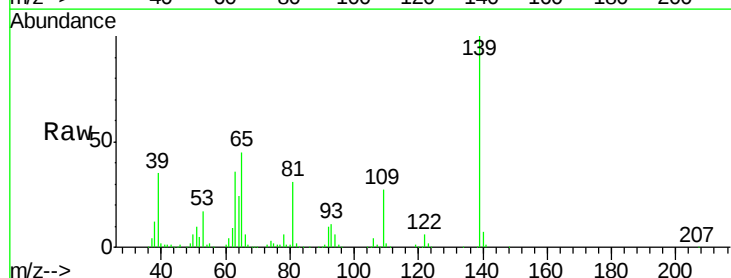
Tgt Ion: 139 Resp: 414948

Ion Ratio Lower Upper

139 100

109 27.0 20.8 31.2

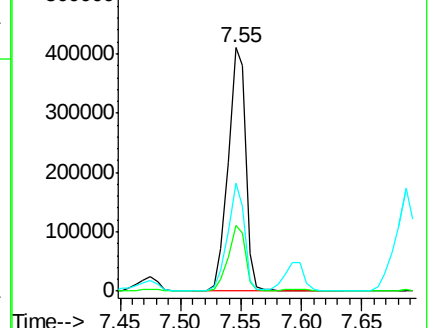
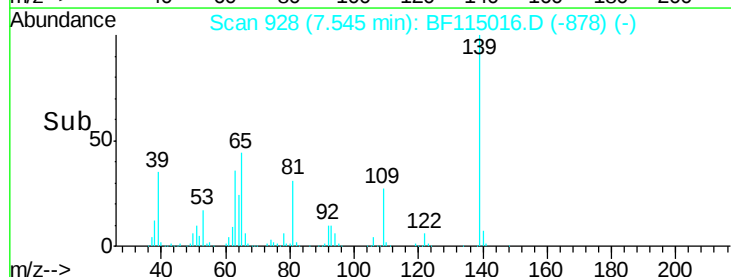
65 44.5 33.4 50.2

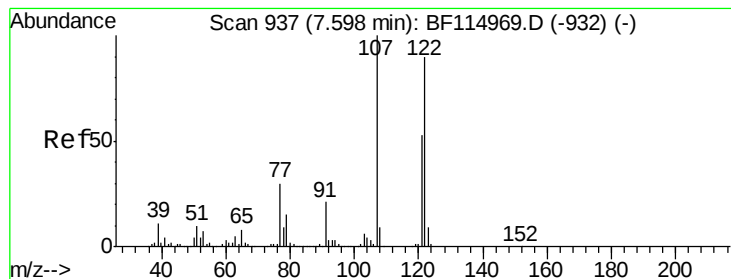


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.519 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

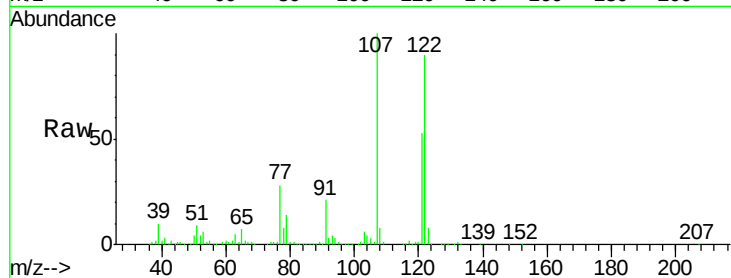
Tgt Ion:122 Resp: 618191

Ion Ratio Lower Upper

122 100

107 111.2 88.8 133.2

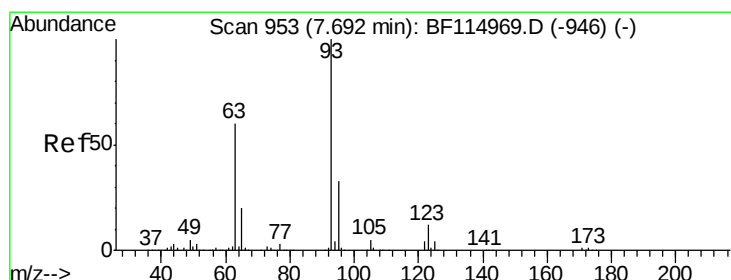
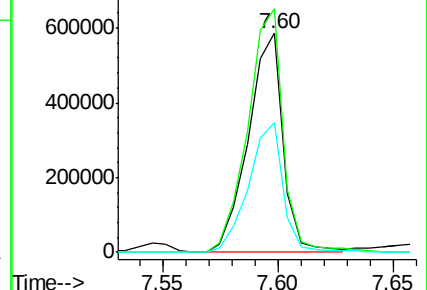
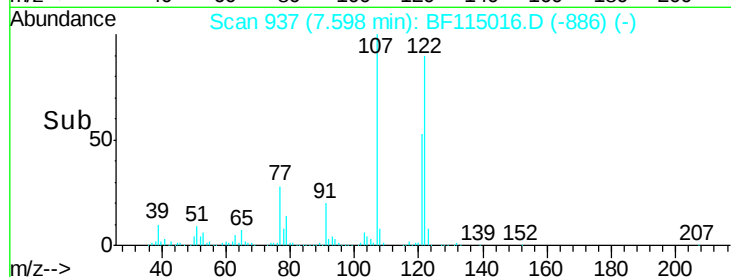
121 59.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.514 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

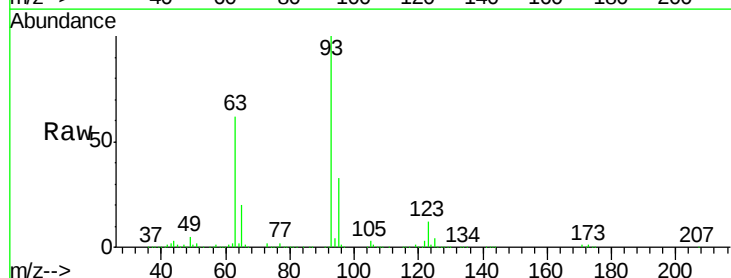
Tgt Ion: 93 Resp: 907888

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

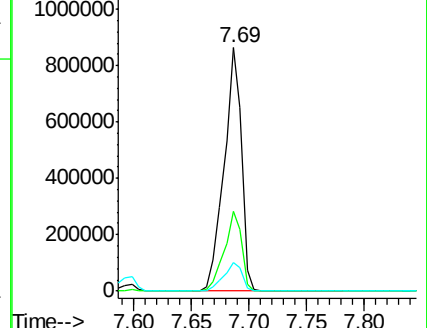
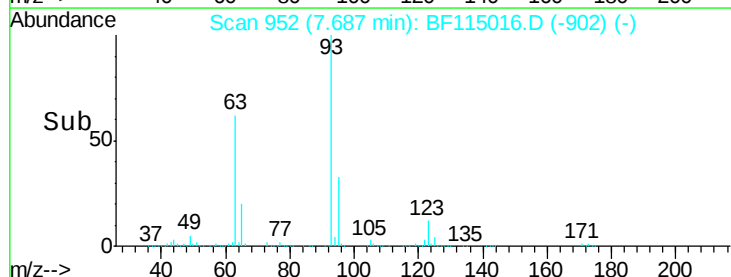
123 11.6 9.9 14.9

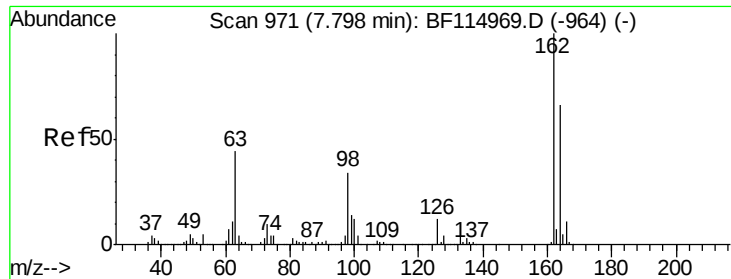


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

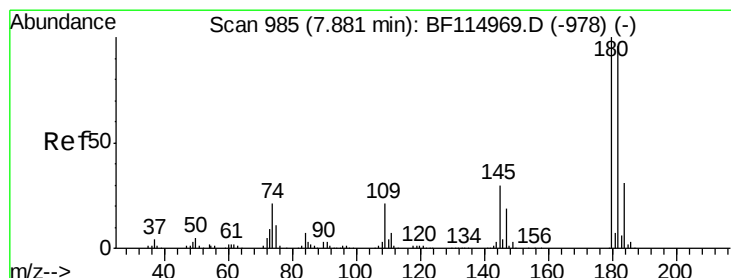
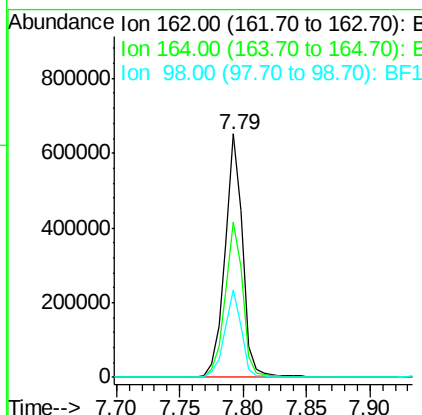
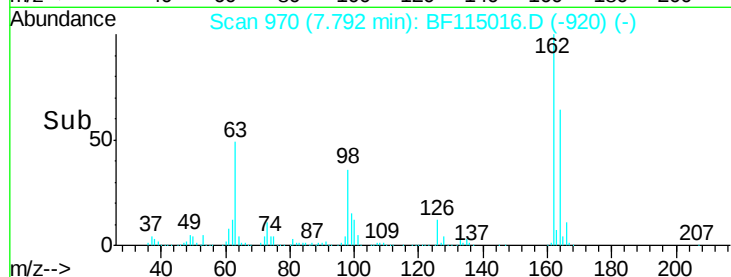
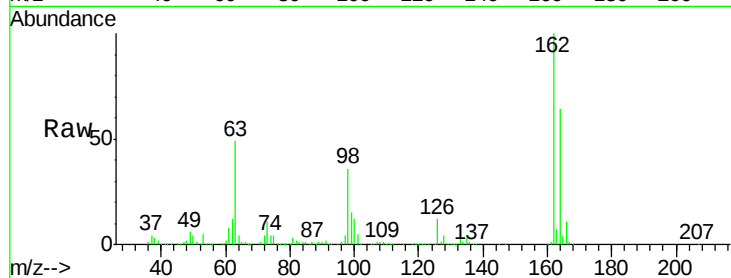




#29
2,4-Dichlorophenol
Concen: 42.663 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

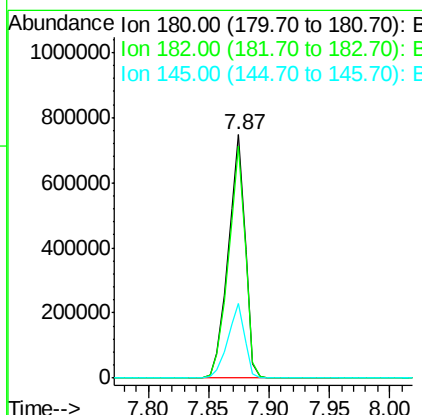
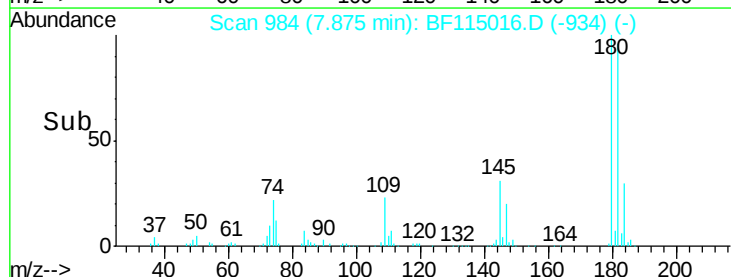
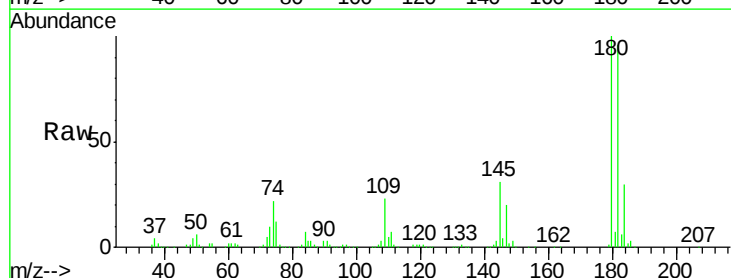
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

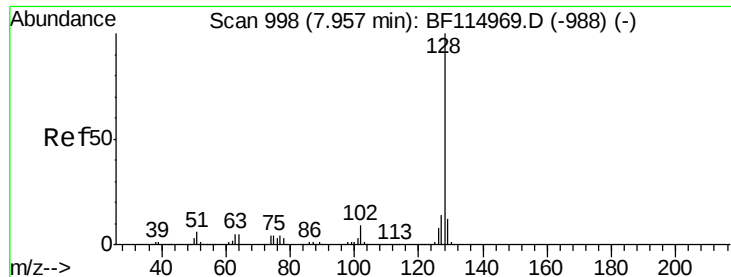
Tgt Ion:162 Resp: 625837
Ion Ratio Lower Upper
162 100
164 64.0 45.7 85.7
98 35.8 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 42.908 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:180 Resp: 727290
Ion Ratio Lower Upper
180 100
182 95.5 76.7 115.1
145 30.5 24.1 36.1

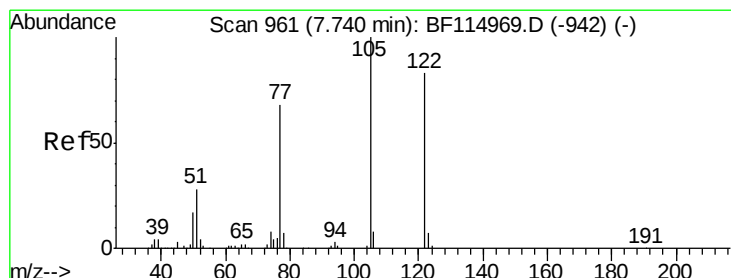
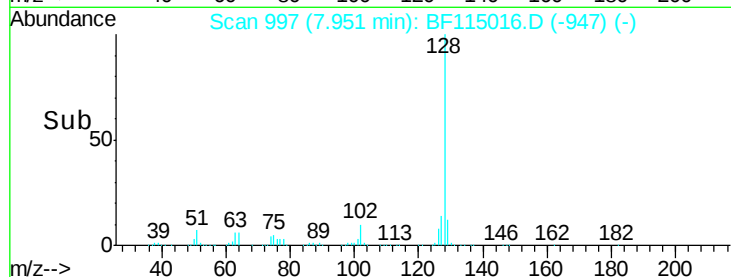
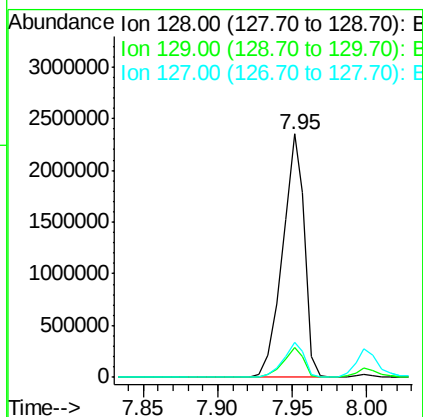
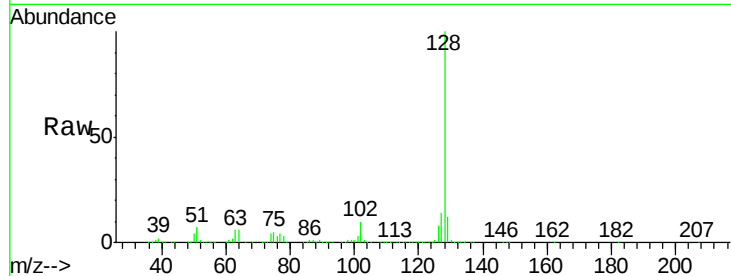




#31
Naphthalene
Concen: 49.942 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

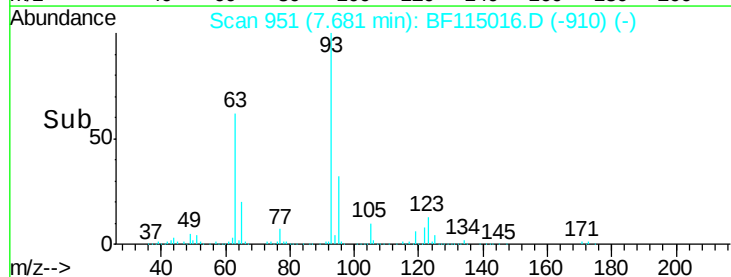
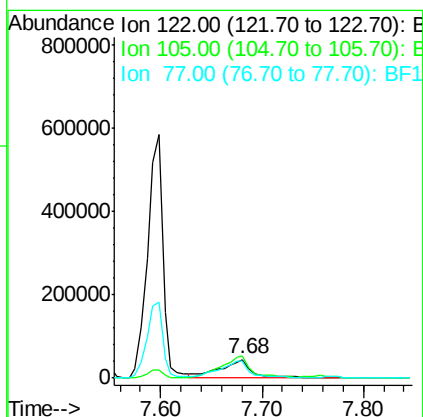
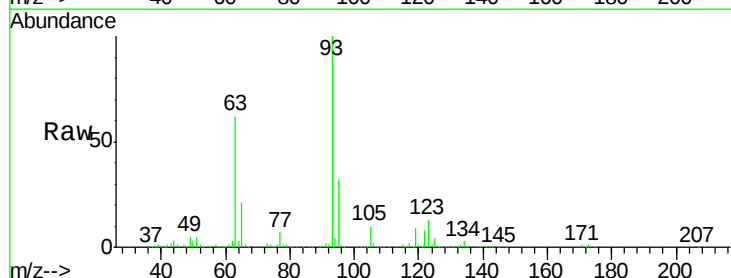
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

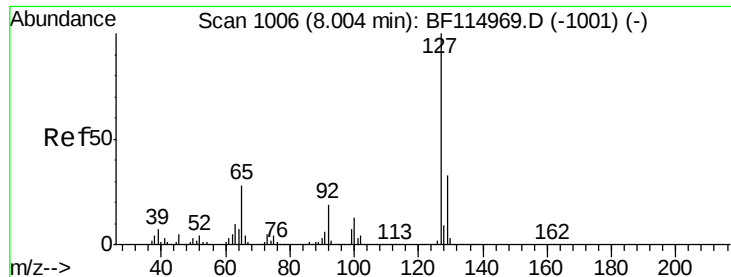
Tgt Ion:128 Resp: 2414160
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.3 11.5 17.3



#32
Benzoic acid
Concen: 9.729 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:122 Resp: 97750
Ion Ratio Lower Upper
122 100
105 117.6 98.6 138.6
77 89.5 60.9 100.9

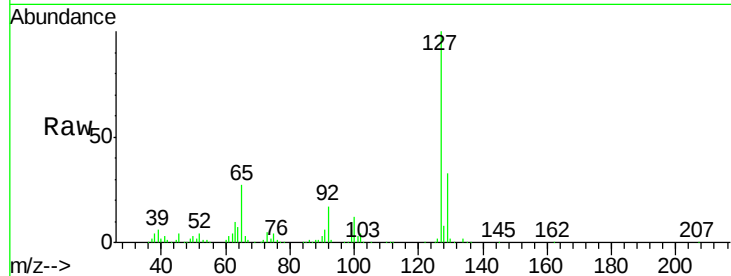




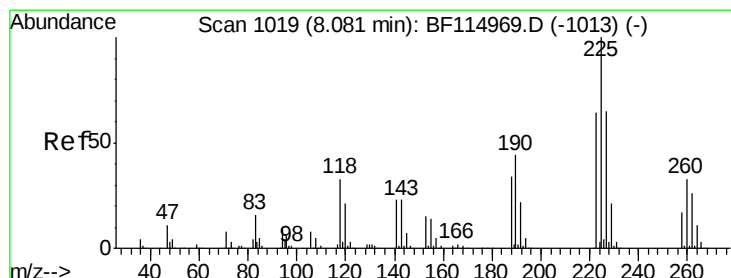
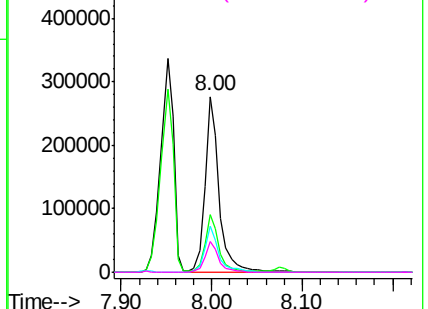
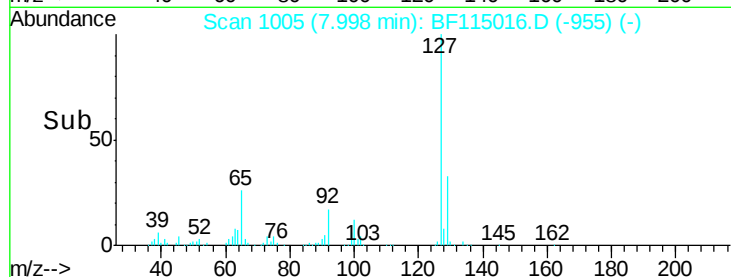
#33
4-Chloroaniline
Concen: 13.612 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:	127	Resp:	303724
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	26.5	22.3	33.5
92	17.3	15.3	22.9

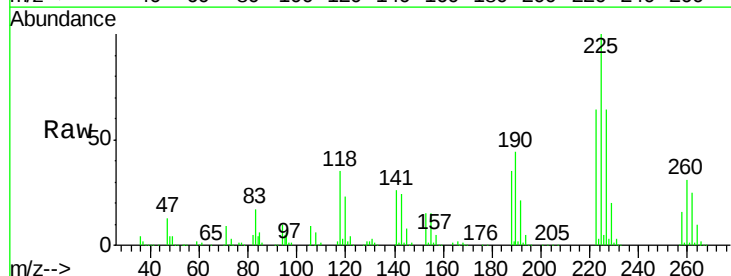


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

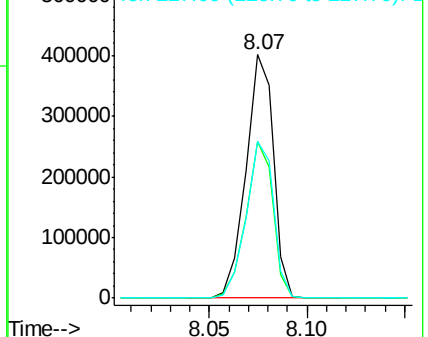
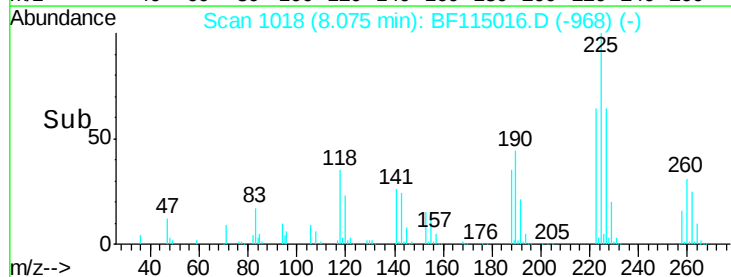


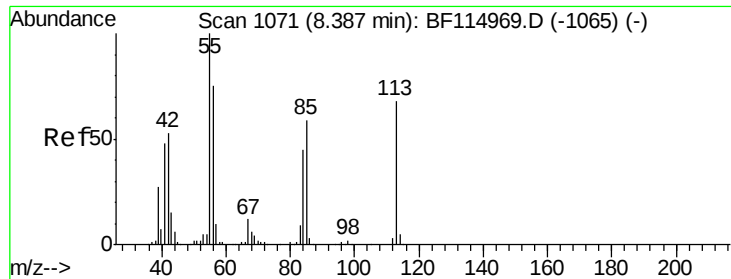
#34
Hexachlorobutadiene
Concen: 41.652 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:	225	Resp:	392425
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	64.1	51.7	77.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

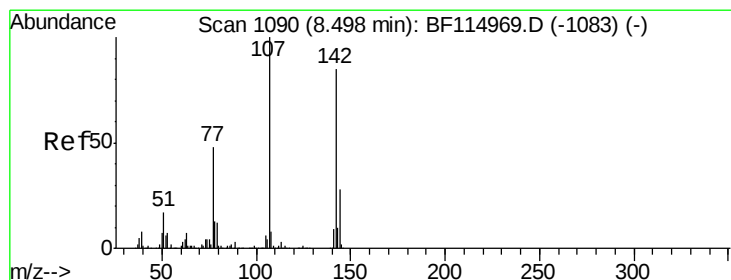
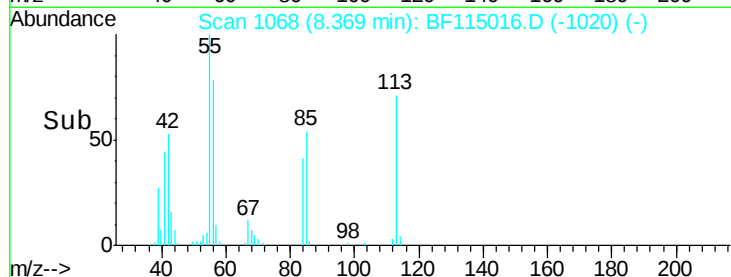
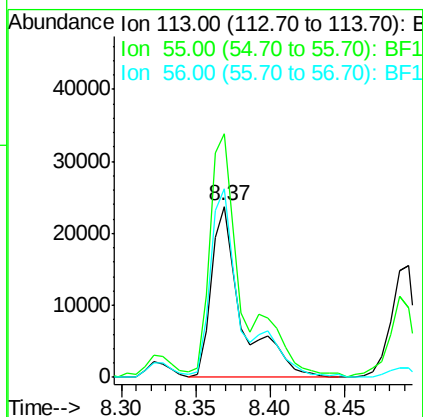
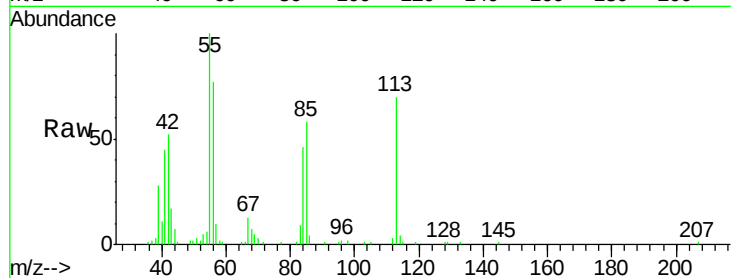




#35
 Caprolactam
 Concen: 6.967 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

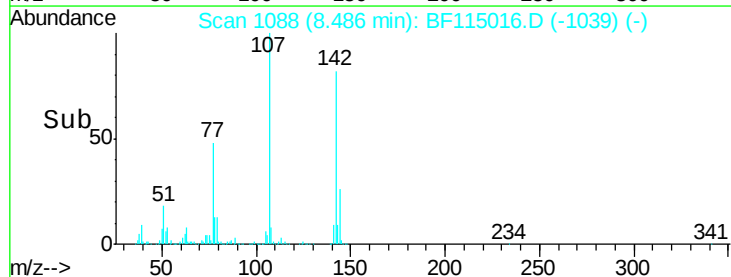
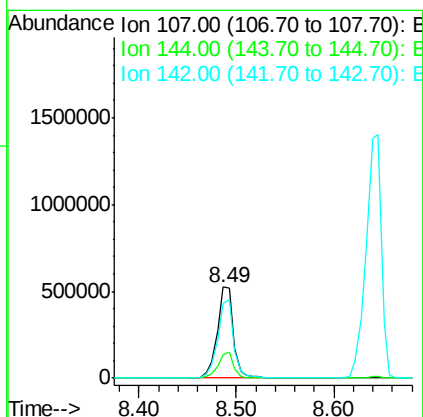
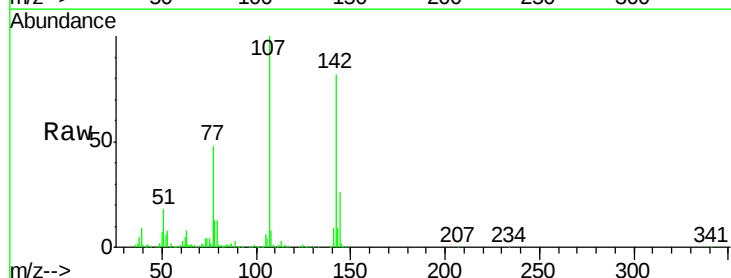
Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

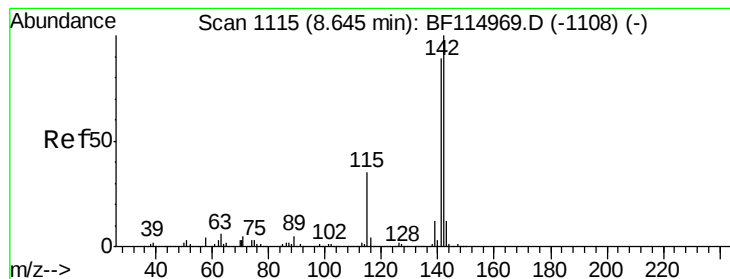
Tgt Ion:113 Resp: 34038
 Ion Ratio Lower Upper
 113 100
 55 142.6 127.3 167.3
 56 110.1 90.6 130.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.154 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion:107 Resp: 608388
 Ion Ratio Lower Upper
 107 100
 144 26.3 22.0 33.0
 142 81.9 68.2 102.4





#37

2-Methylnaphthalene

Concen: 47.558 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5 061219MSD

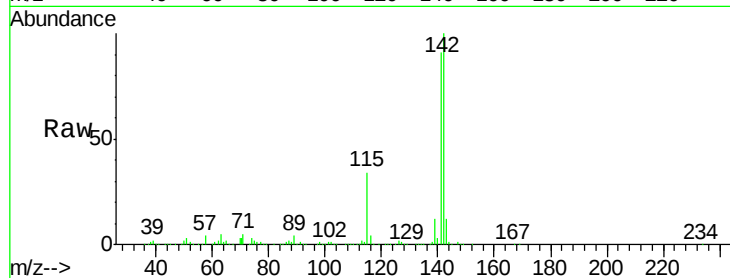
Tgt Ion:142 Resp: 1533309

Ion Ratio Lower Upper

142 100

141 90.9 71.0 106.6

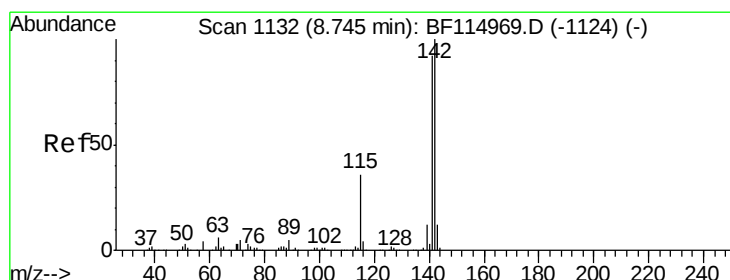
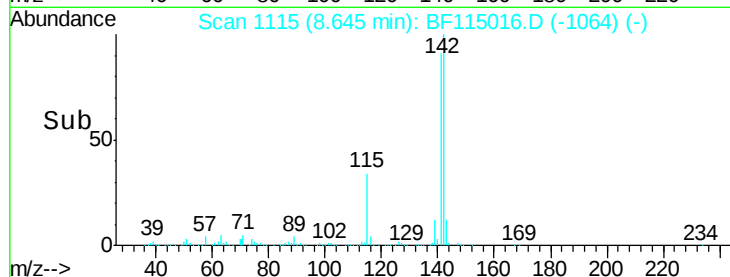
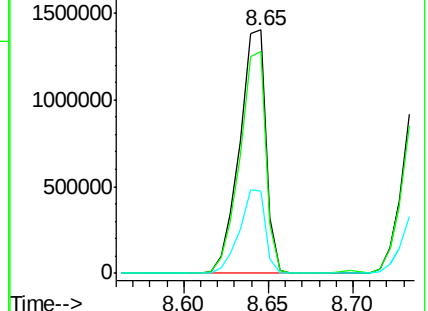
115 33.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.913 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

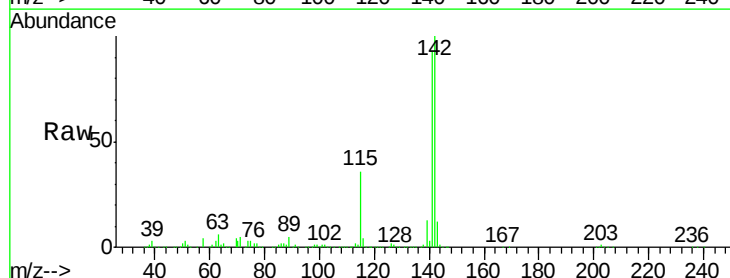
Tgt Ion:142 Resp: 1459991

Ion Ratio Lower Upper

142 100

141 92.7 73.8 110.8

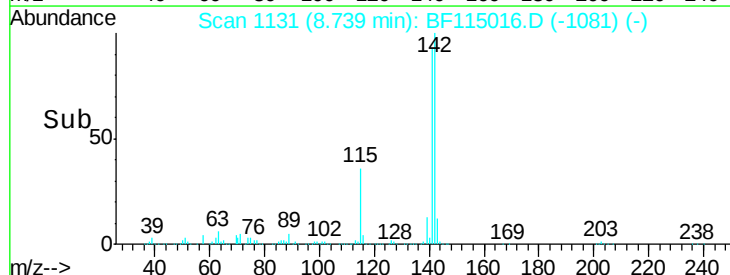
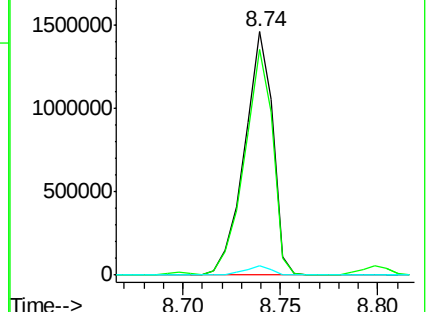
116 3.9 2.9 4.3

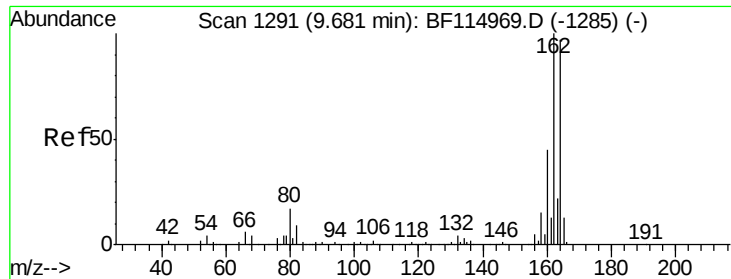


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

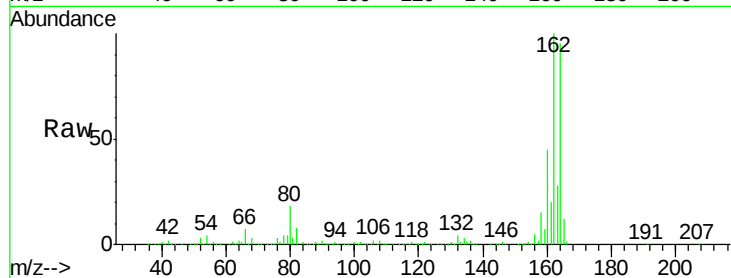
Tgt Ion:164 Resp: 486921

Ion Ratio Lower Upper

164 100

162 105.1 82.6 124.0

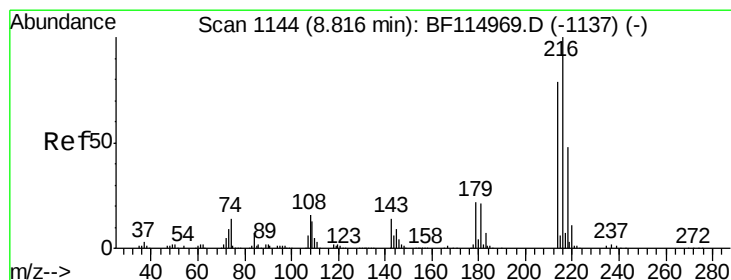
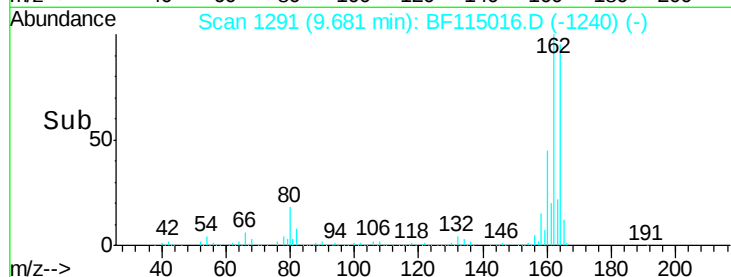
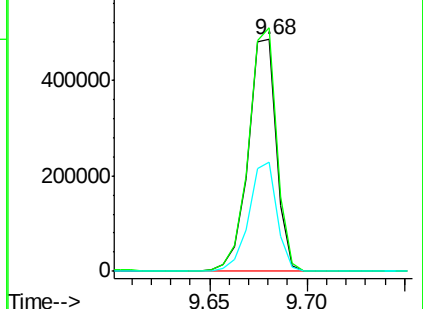
160 47.3 36.9 55.3



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: 45.609 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Tgt Ion:216 Resp: 656111

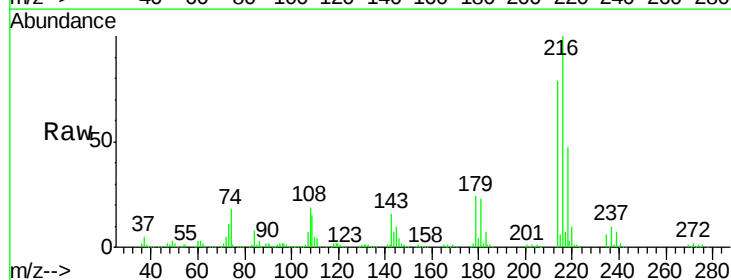
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 22.8 18.2 27.4

108 19.6 15.0 22.6

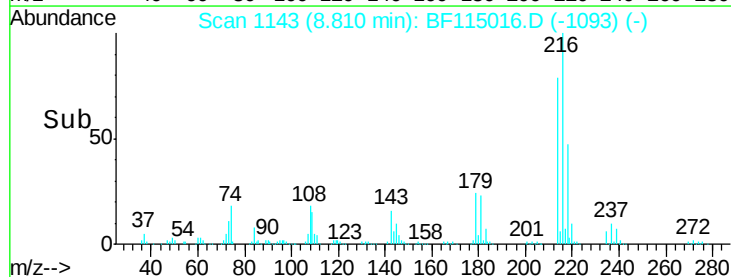
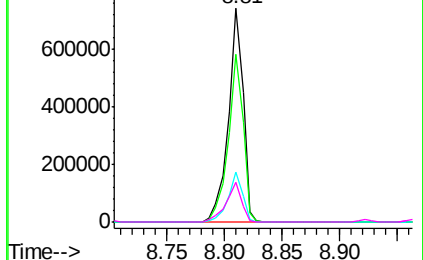


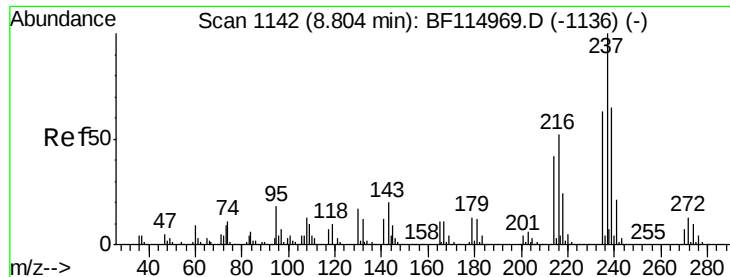
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.285 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

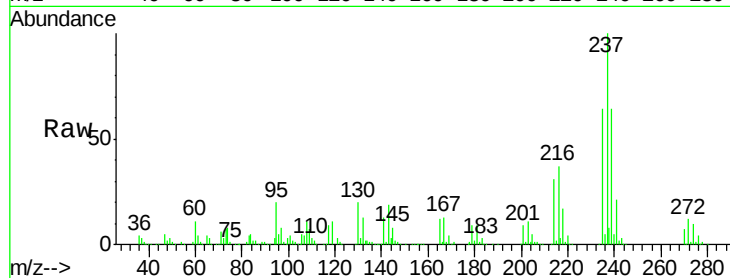
Tgt Ion: 237 Resp: 448603

Ion Ratio Lower Upper

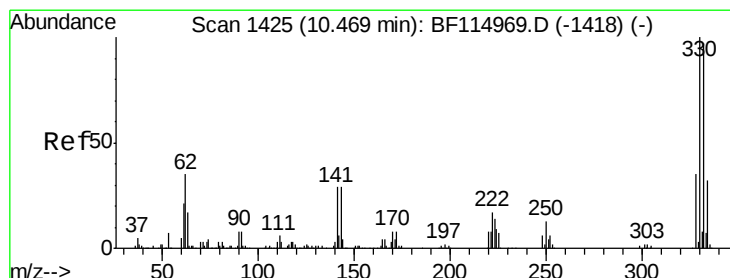
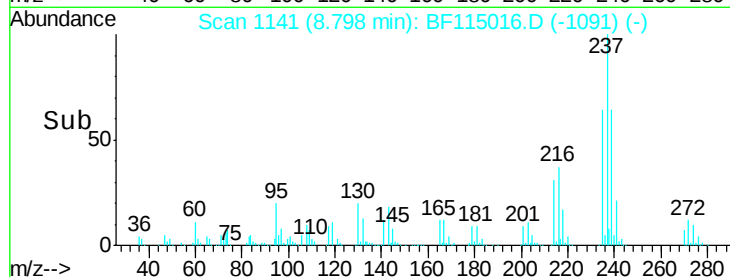
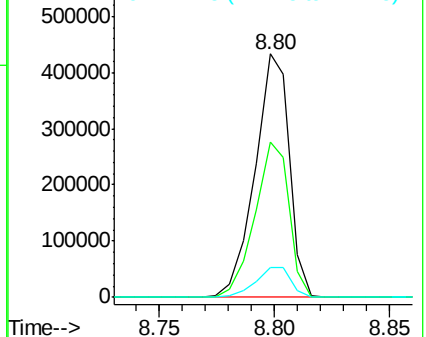
237 100

235 63.5 42.7 82.7

272 12.4 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 116.648 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

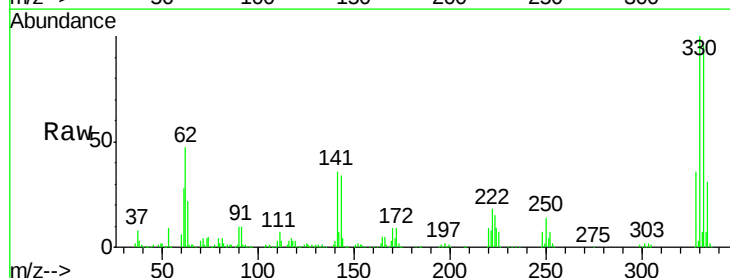
Tgt Ion: 330 Resp: 608230

Ion Ratio Lower Upper

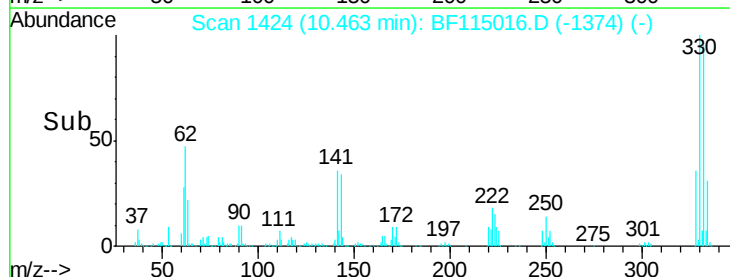
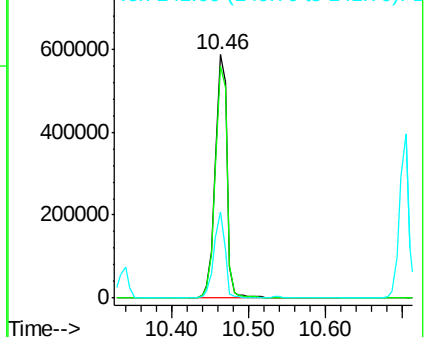
330 100

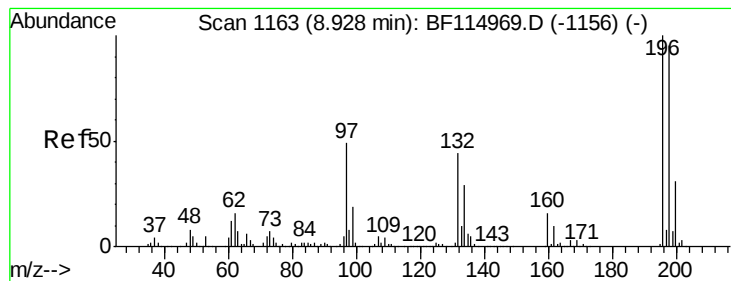
332 95.9 77.6 116.4

141 33.4 27.2 40.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.202 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

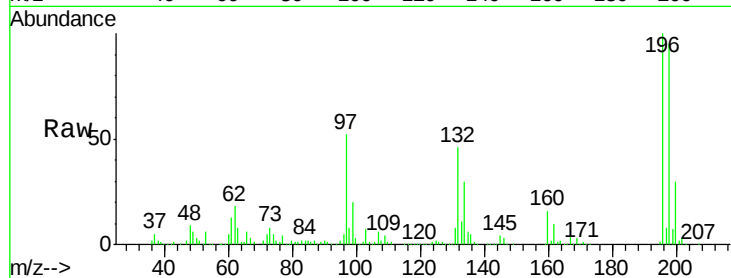
Tgt Ion:196 Resp: 453443

Ion Ratio Lower Upper

196 100

198 95.2 75.8 113.8

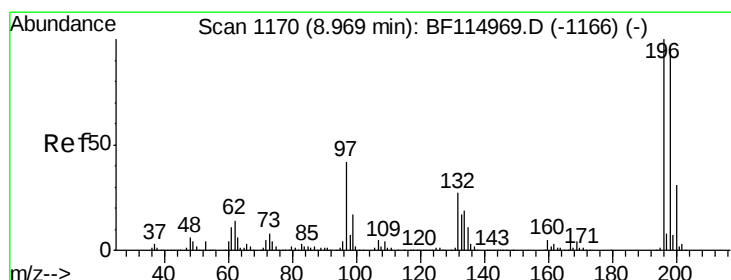
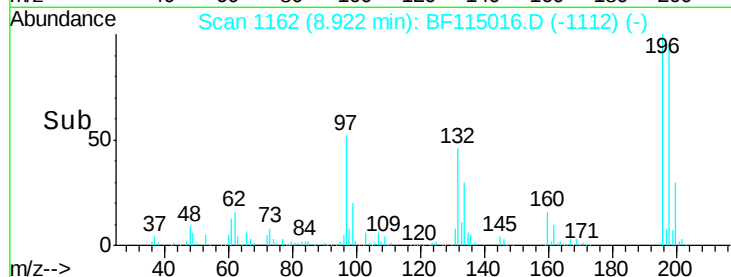
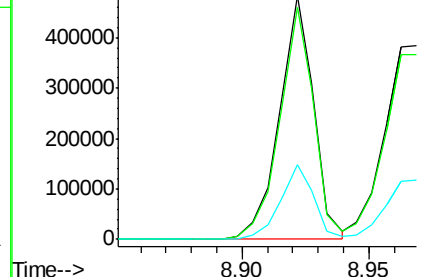
200 30.5 24.9 37.3



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: 43.955 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Tgt Ion:196 Resp: 477277

Ion Ratio Lower Upper

196 100

198 95.1 77.3 115.9

97 42.3 34.2 51.4

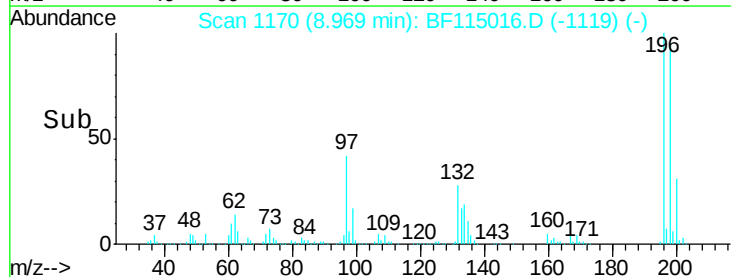
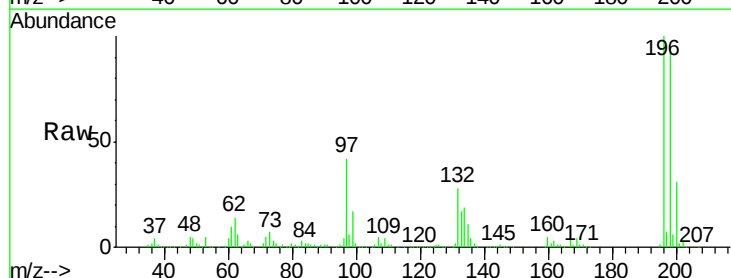
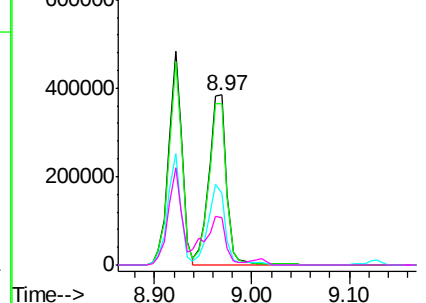
132 27.7 22.1 33.1

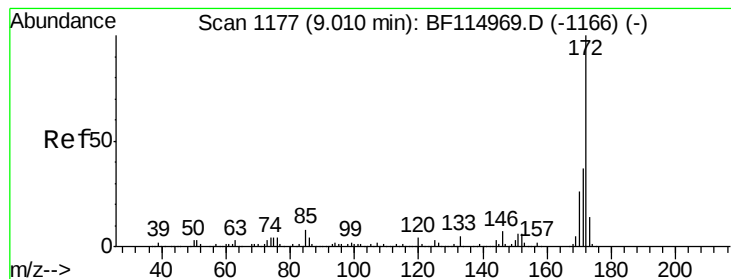
Abundance Ion 196.00 (195.70 to 196.70): E

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: 93.764 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

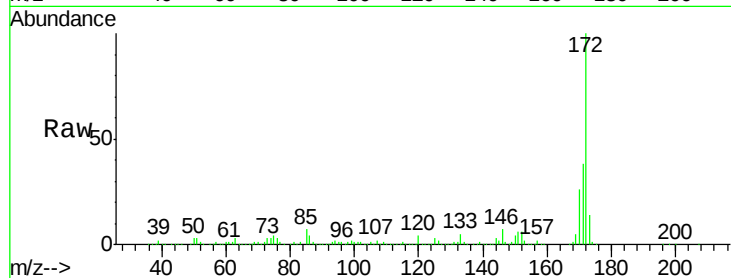
Tgt Ion:172 Resp: 2693806

Ion Ratio Lower Upper

172 100

171 37.9 29.8 44.6

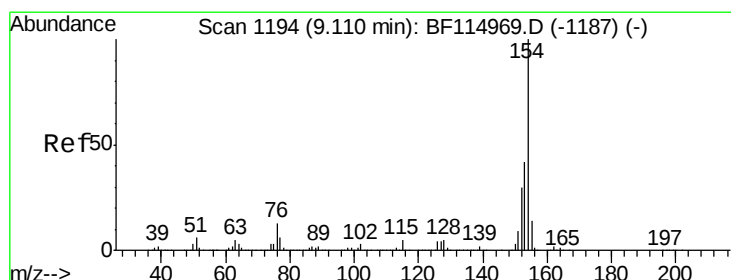
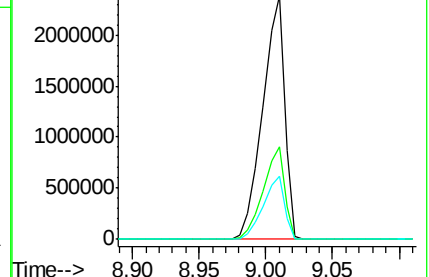
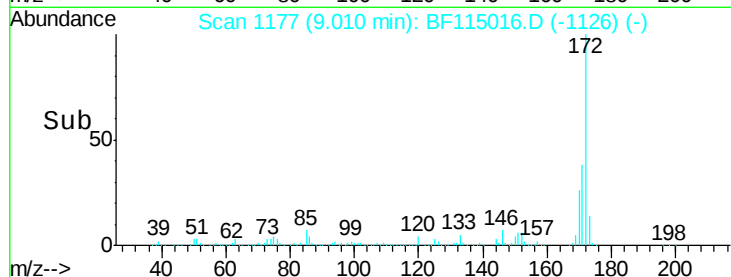
170 25.8 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.251 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

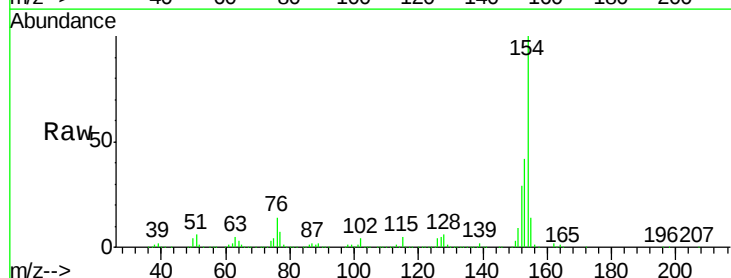
Tgt Ion:154 Resp: 1765643

Ion Ratio Lower Upper

154 100

153 41.6 22.4 62.4

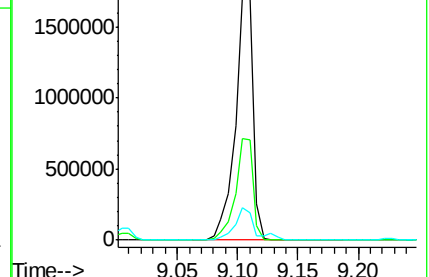
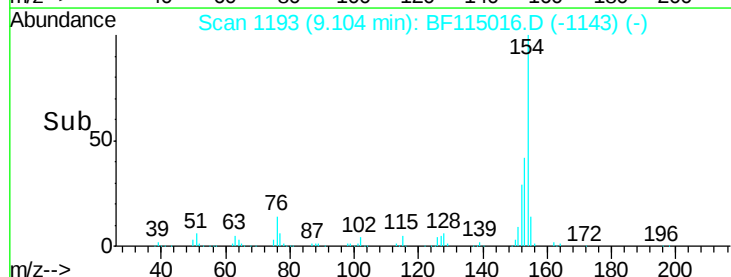
76 13.5 0.0 33.3

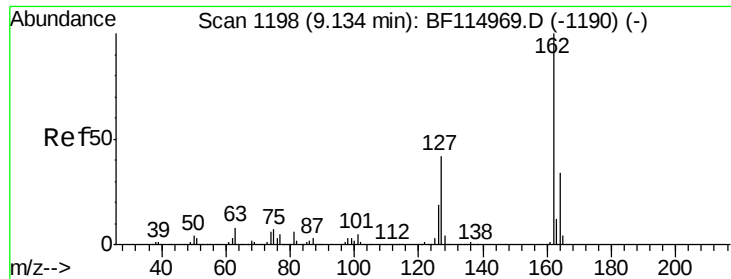


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

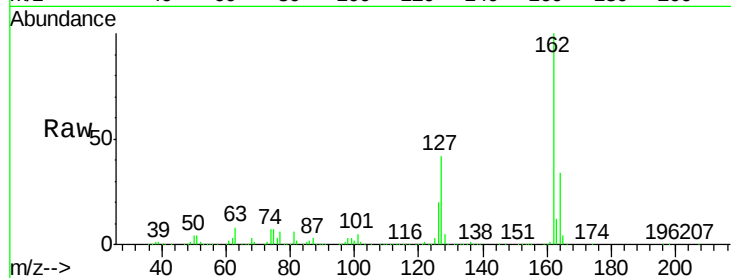




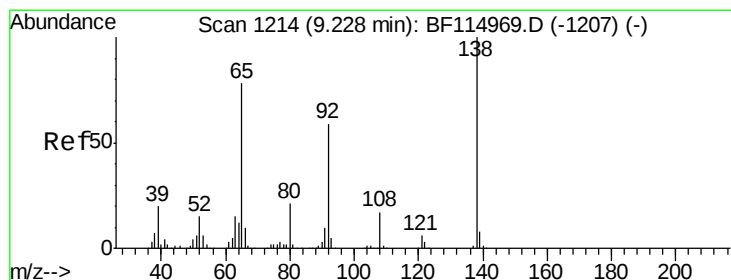
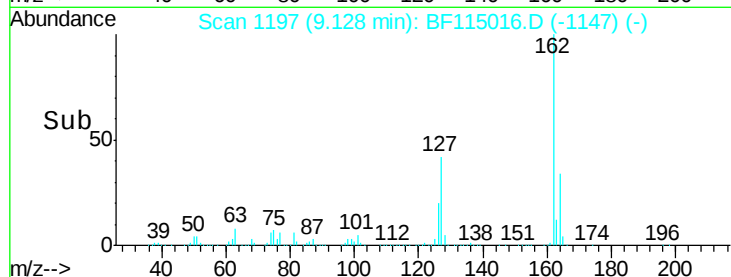
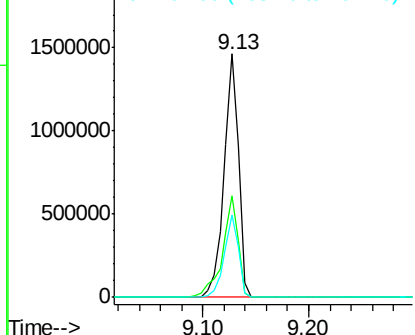
#47
 2-Chloronaphthalene
 Concen: 44.420 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

Tgt Ion: 162 Resp: 1401573
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.4 50.2
 164 33.6 27.2 40.8

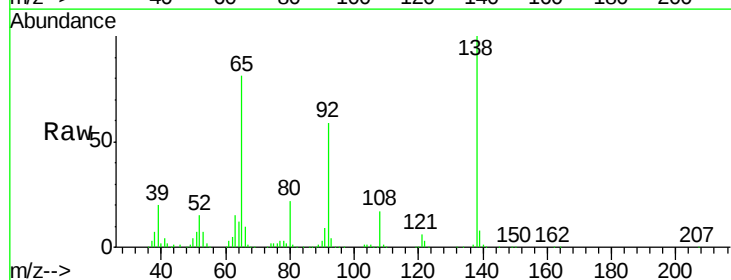


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

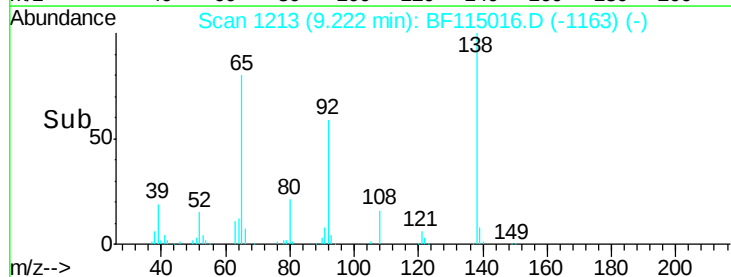
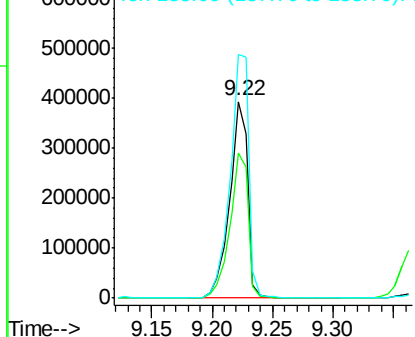


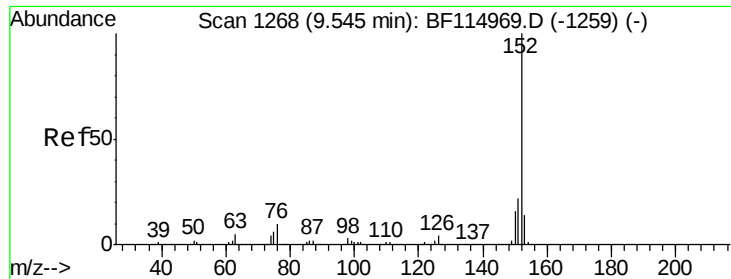
#48
 2-Nitroaniline
 Concen: 43.700 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion: 65 Resp: 407552
 Ion Ratio Lower Upper
 65 100
 92 73.5 60.5 90.7
 138 123.7 102.0 153.0



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: 44.205 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

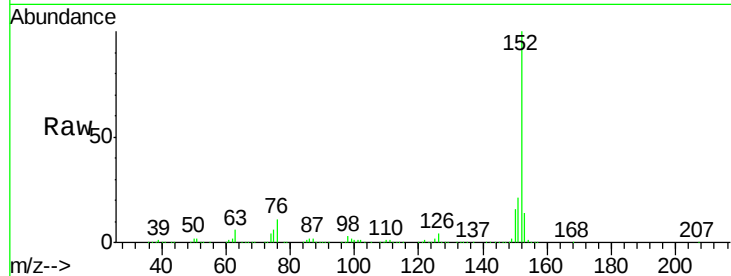
Tgt Ion:152 Resp: 2144500

Ion Ratio Lower Upper

152 100

151 21.5 17.5 26.3

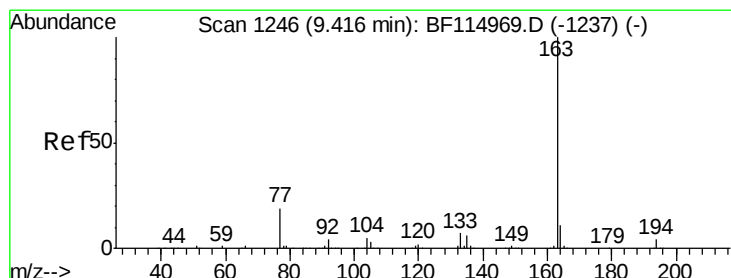
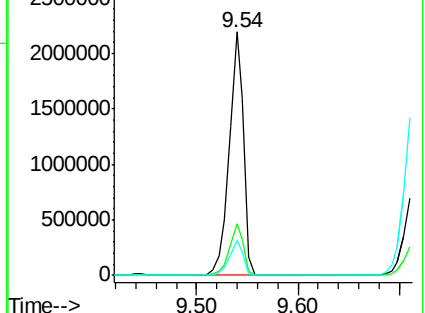
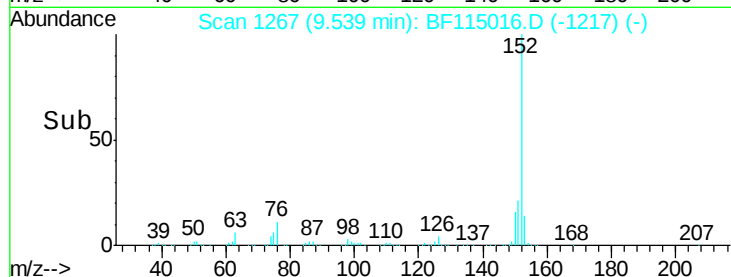
153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.702 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

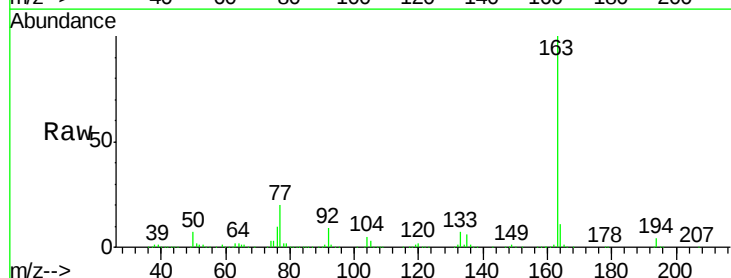
Tgt Ion:163 Resp: 1673529

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

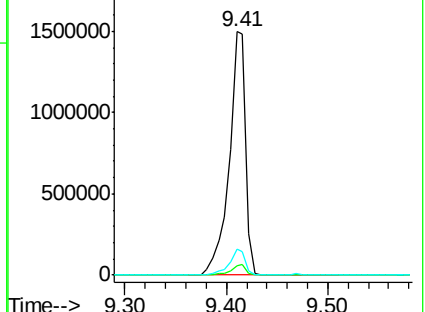
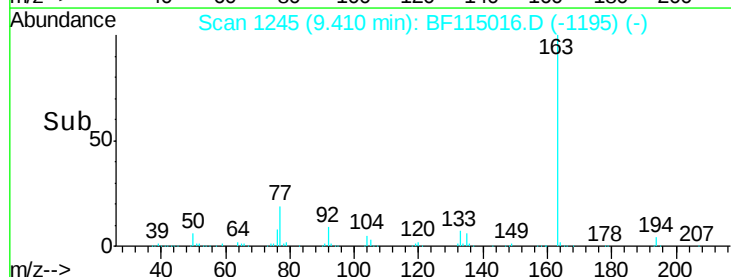
164 10.7 8.6 12.8

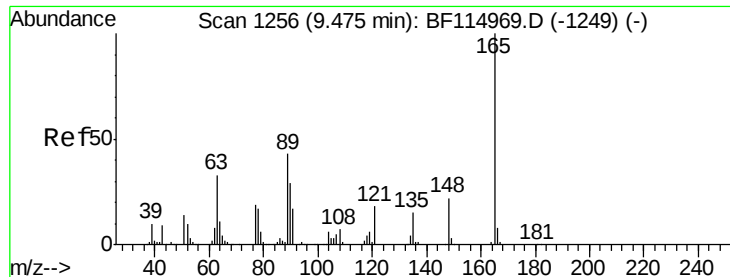


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.203 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

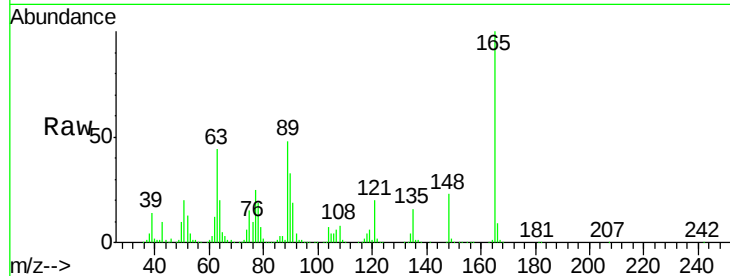
Tgt Ion:165 Resp: 392087

Ion Ratio Lower Upper

165 100

63 43.7 30.6 46.0

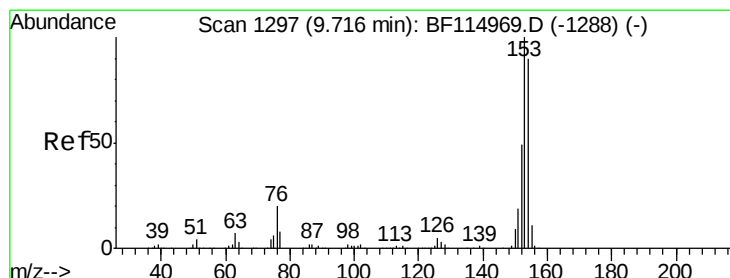
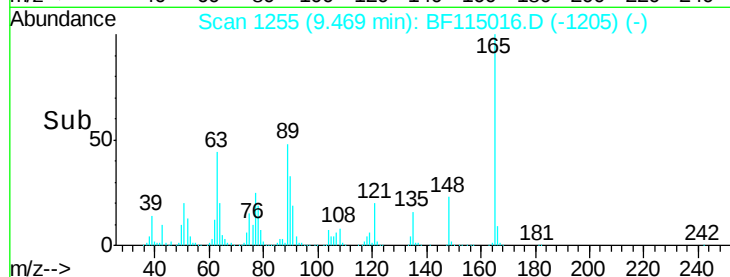
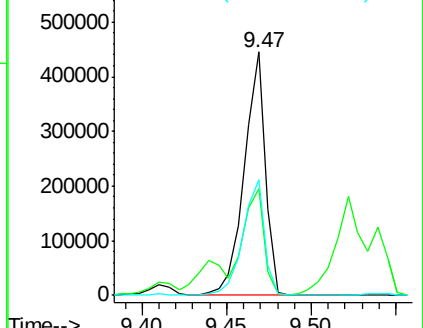
89 47.6 34.4 51.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.383 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

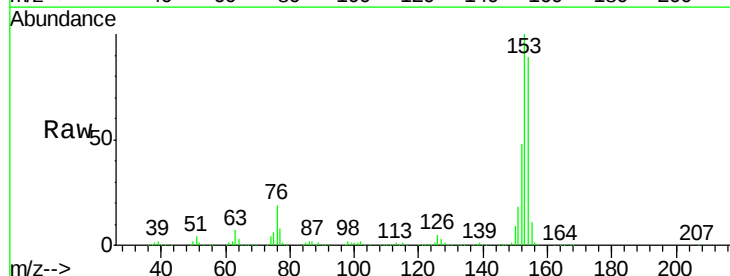
Tgt Ion:154 Resp: 1259639

Ion Ratio Lower Upper

154 100

153 112.5 88.5 132.7

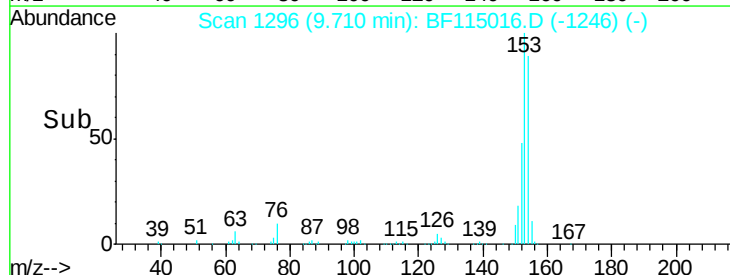
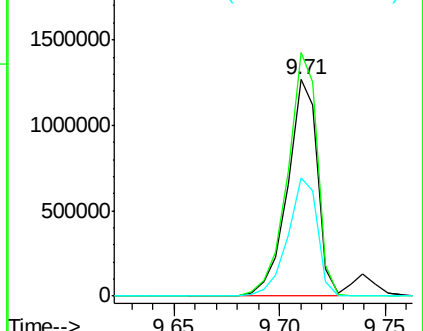
152 54.5 43.6 65.4

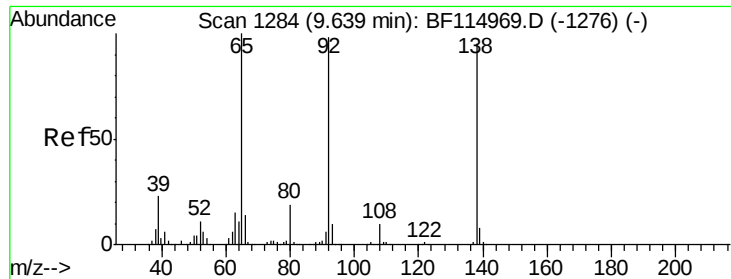


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

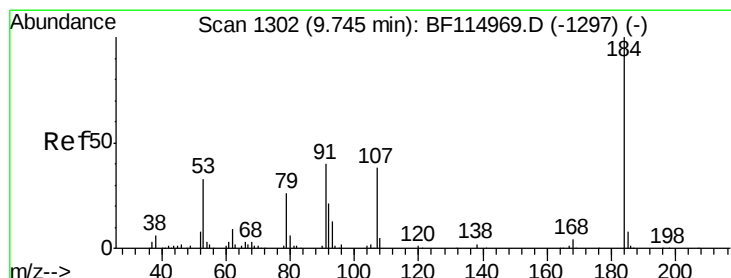
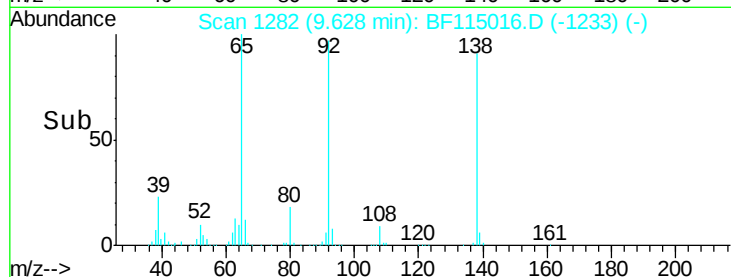
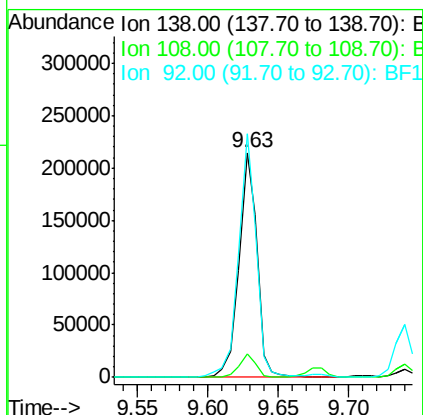
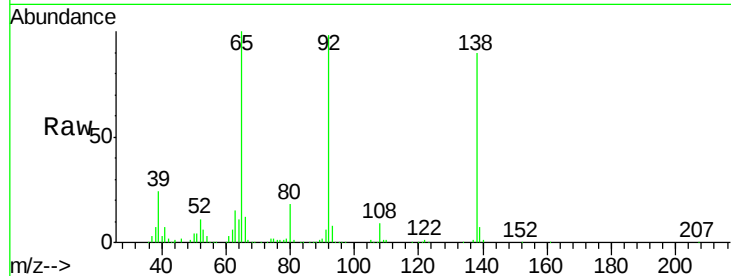




#53
3-Nitroaniline
Concen: 18.869 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

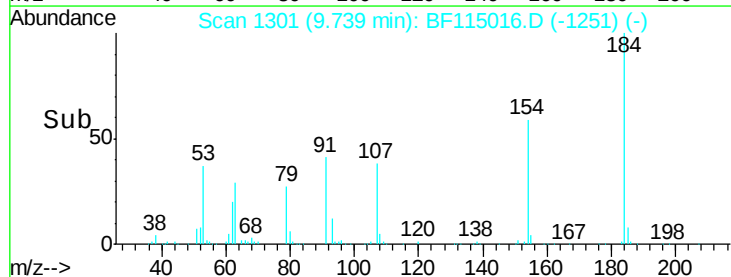
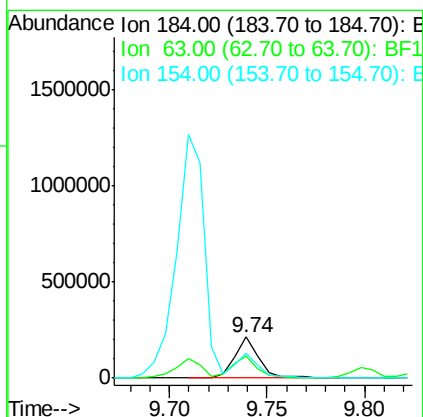
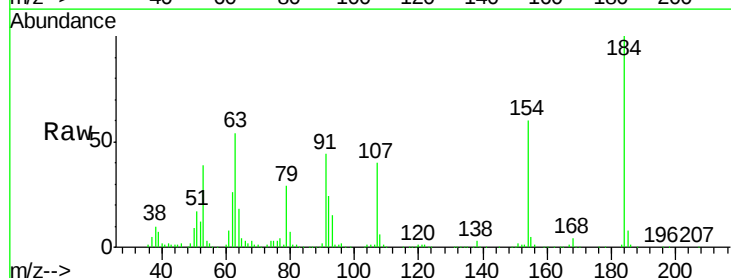
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

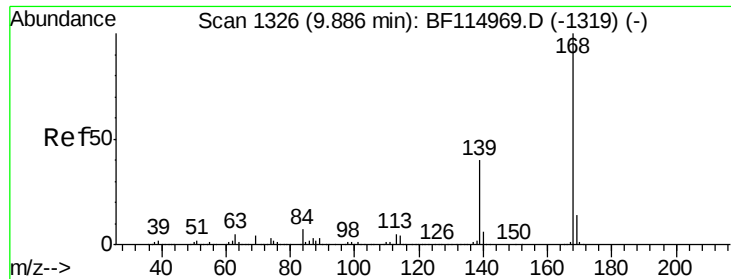
Tgt Ion:138 Resp: 192032
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 108.3 82.4 123.6



#54
2,4-Dinitrophenol
Concen: 46.581 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:184 Resp: 187675
Ion Ratio Lower Upper
184 100
63 54.2 40.5 60.7
154 59.5 44.8 67.2

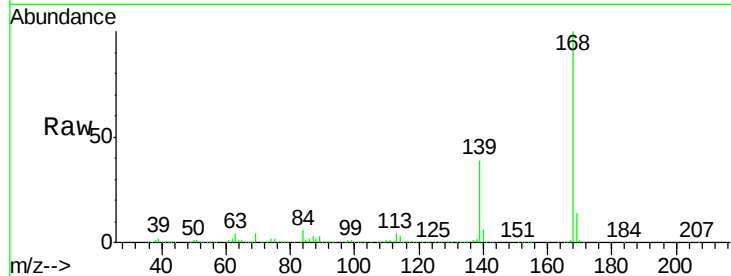




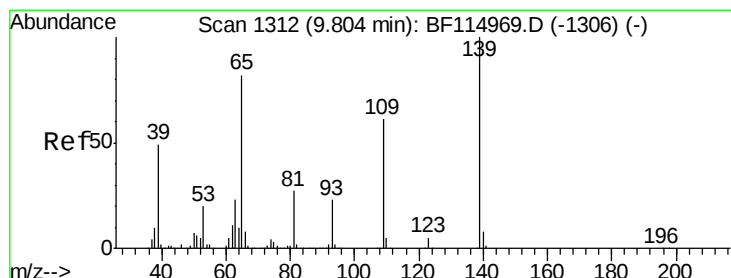
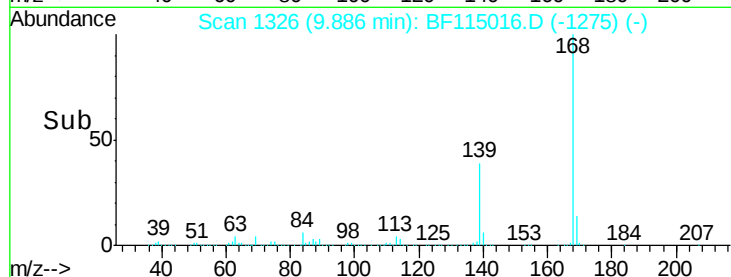
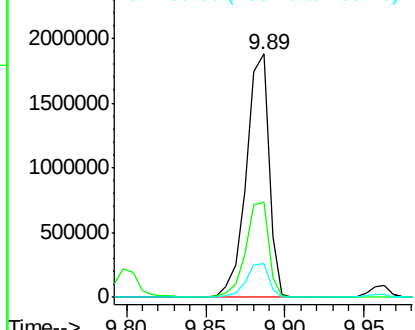
#55
Dibenzenofuran
Concen: 44.691 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:168 Resp: 1869461
Ion Ratio Lower Upper
168 100
139 39.1 32.5 48.7
169 13.8 11.5 17.3

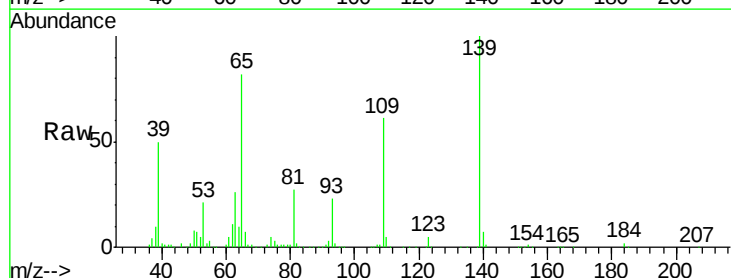


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

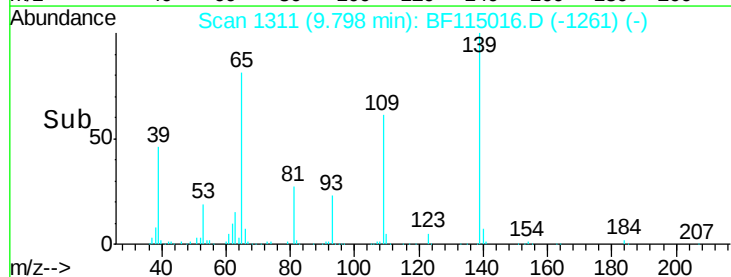
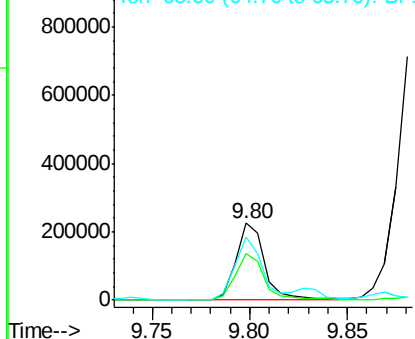


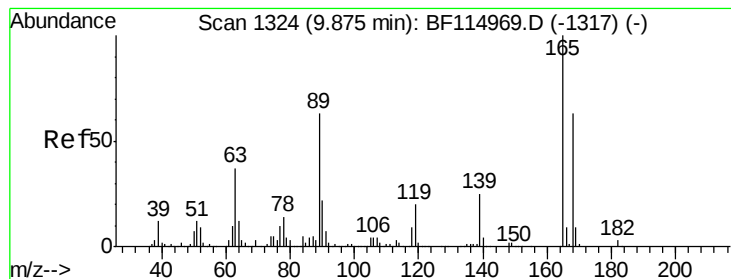
#56
4-Nitrophenol
Concen: 32.885 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:139 Resp: 230789
Ion Ratio Lower Upper
139 100
109 61.1 41.4 81.4
65 82.1 62.7 102.7



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

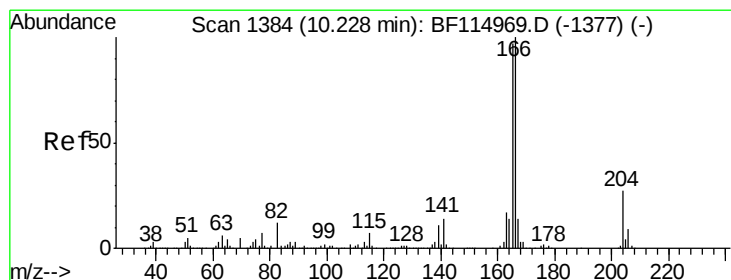
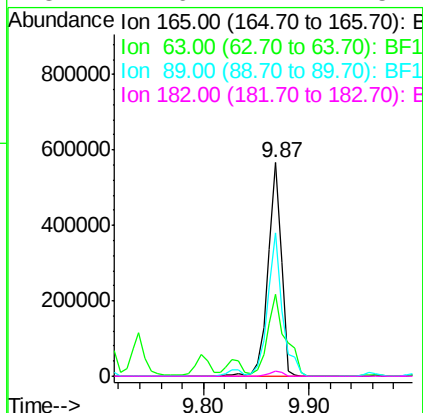
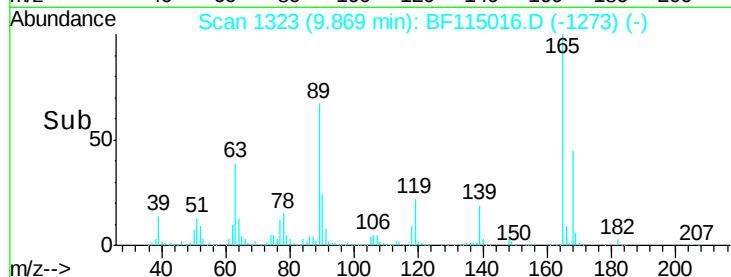
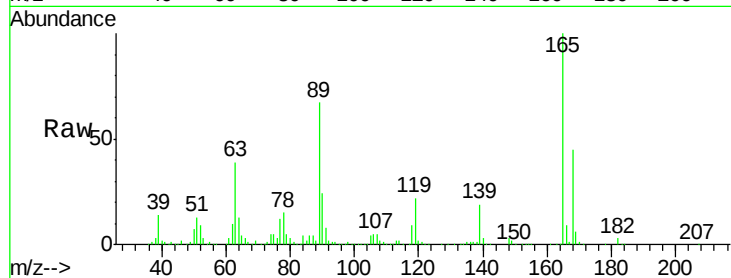




#57
 2,4-Dinitrotoluene
 Concen: 47.244 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

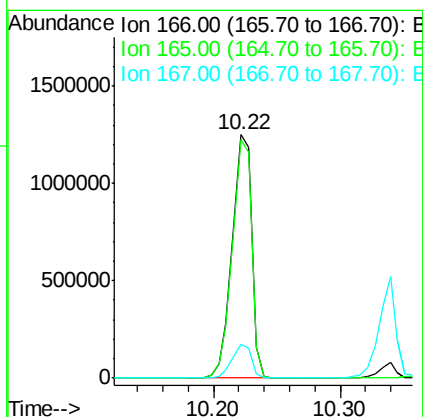
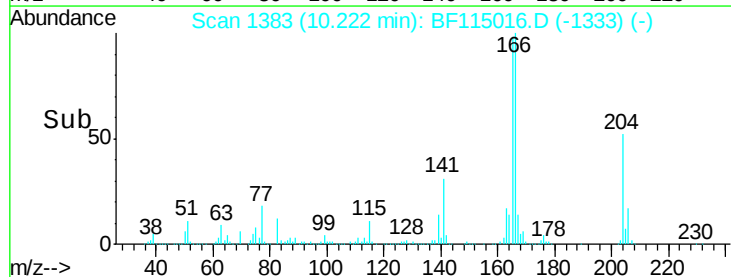
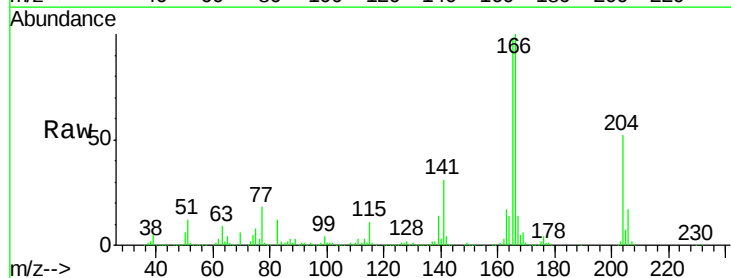
Instrument :
 BNA_F
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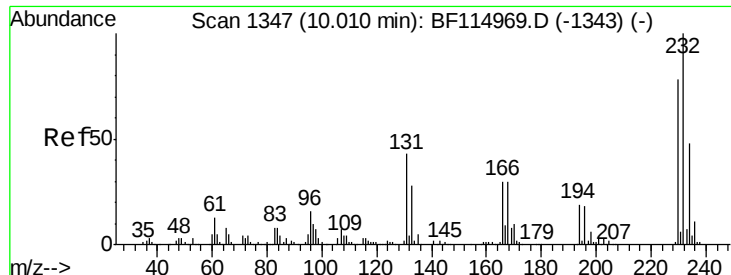
Tgt Ion:	165	Resp:	499482
Ion	Ratio	Lower	Upper
165	100		
63	38.6	29.4	44.2
89	67.2	50.6	75.8
182	2.6	2.2	3.2



#58
 Fluorene
 Concen: 47.896 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion:	166	Resp:	1323572
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	13.7	11.0	16.4

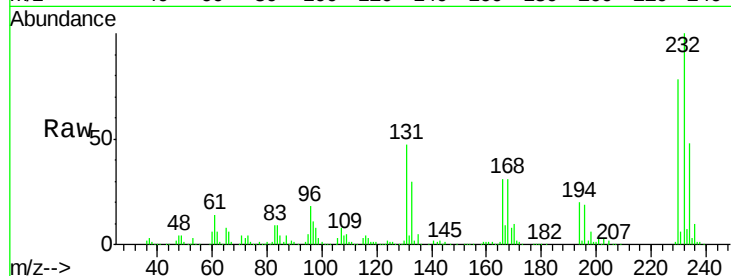




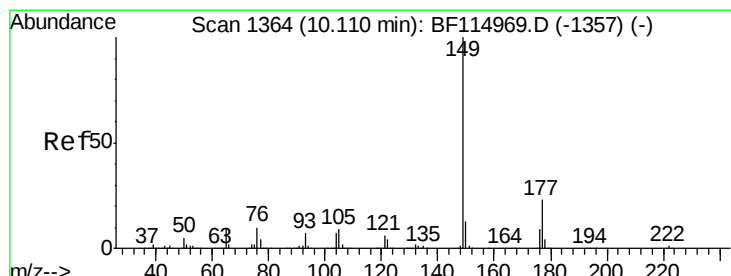
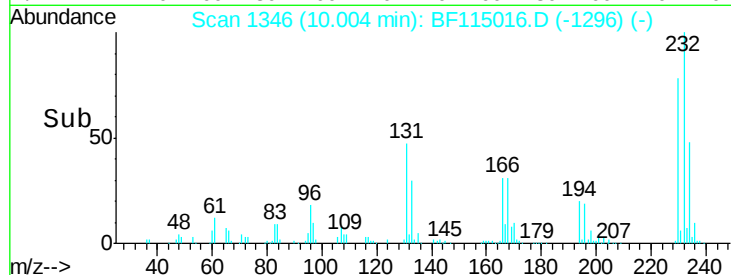
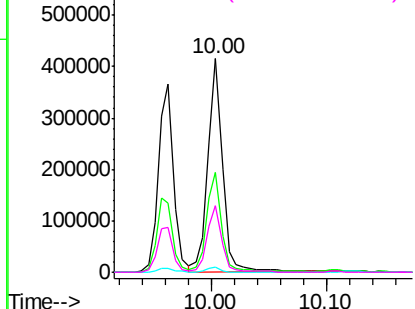
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.957 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

Tgt Ion: 232 Resp: 368006
 Ion Ratio Lower Upper
 232 100
 131 47.4 36.9 55.3
 130 2.2 1.8 2.6
 166 31.0 24.8 37.2

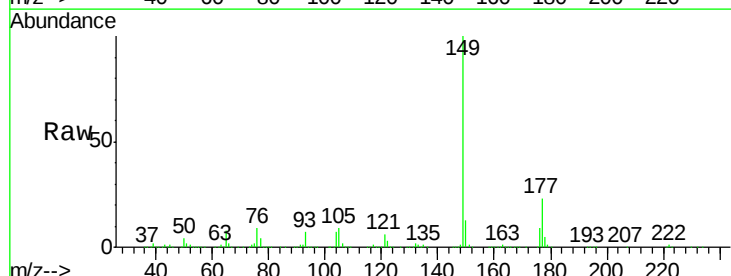


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

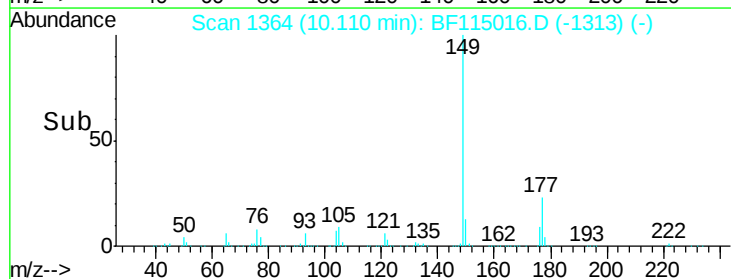
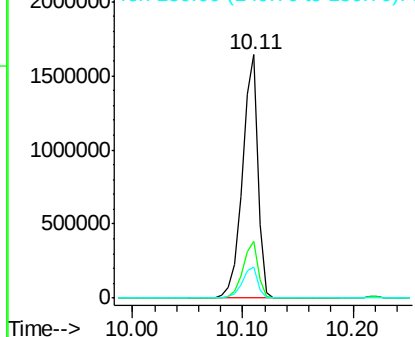


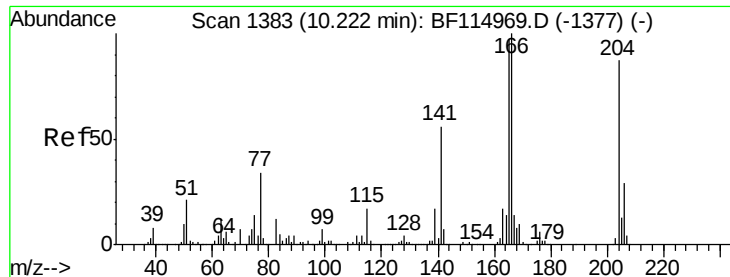
#60
 Diethylphthalate
 Concen: 46.058 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion: 149 Resp: 1612645
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.6 27.8
 150 13.0 10.5 15.7



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

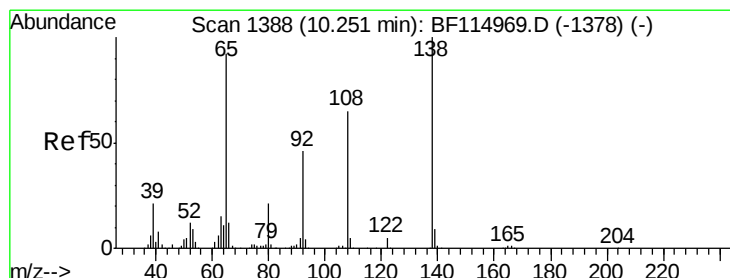
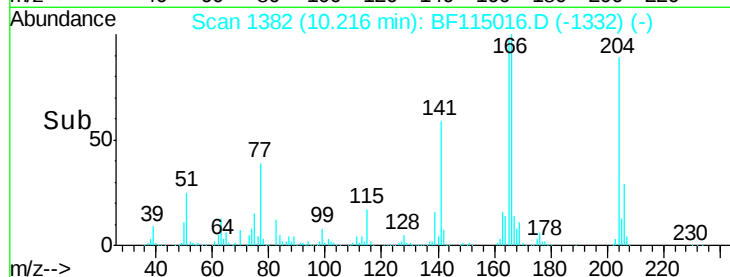
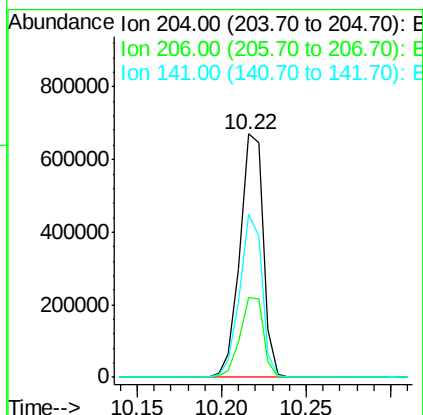
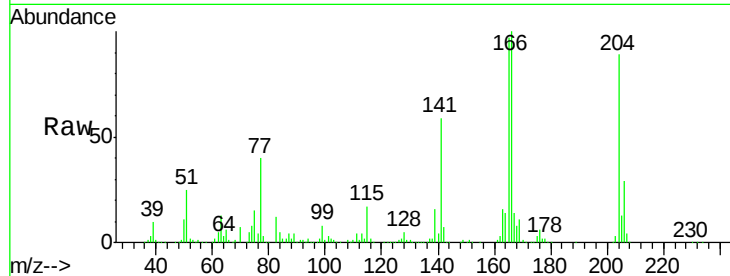




#61
4-Chlorophenyl-phenylether
Concen: 47.215 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

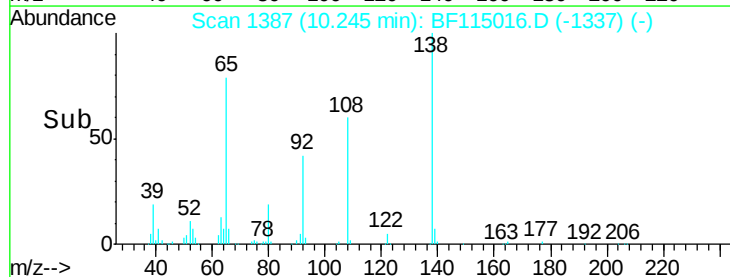
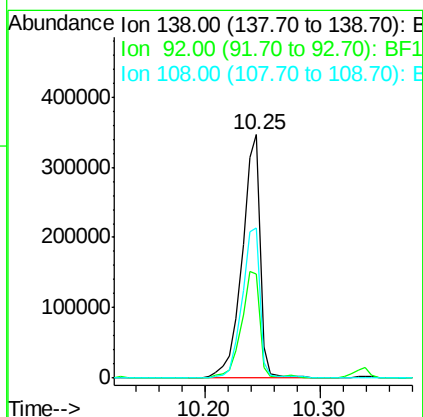
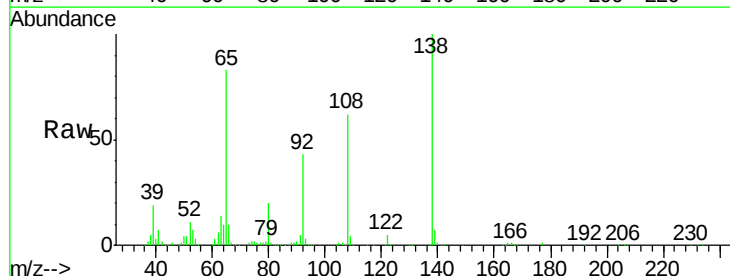
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

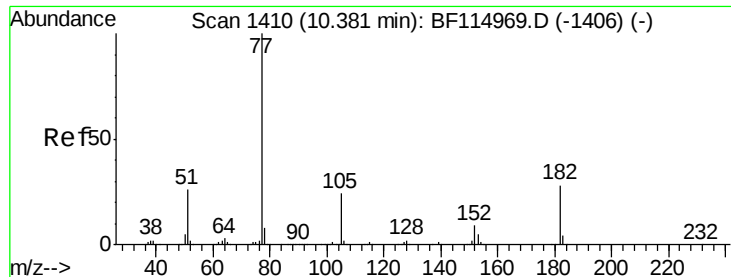
Tgt Ion:204 Resp: 647314
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 66.8 51.8 77.8



#62
4-Nitroaniline
Concen: 36.527 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:138 Resp: 373764
Ion Ratio Lower Upper
138 100
92 42.5 25.7 65.7
108 61.7 44.6 84.6

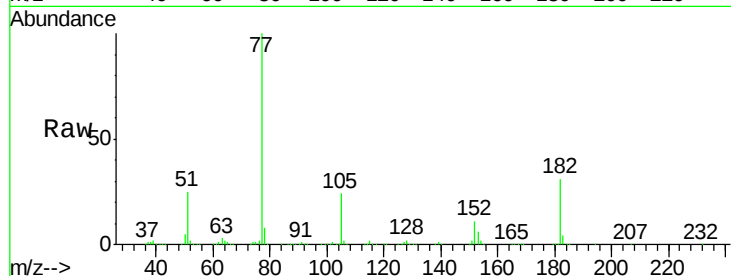




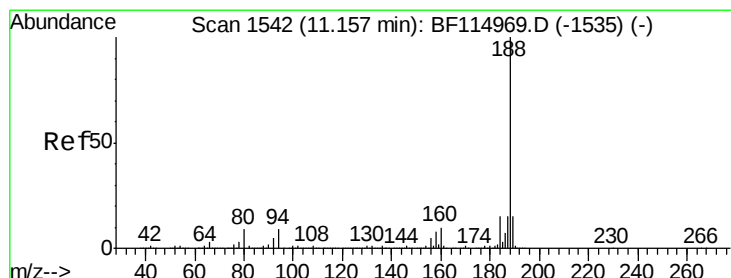
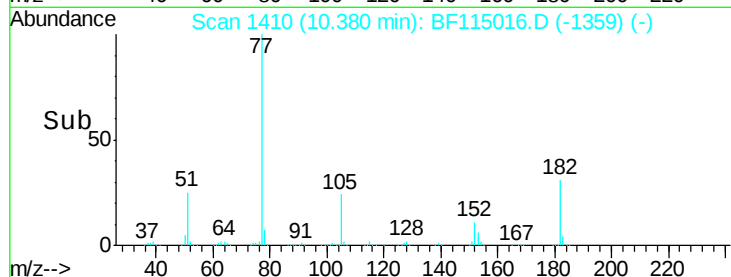
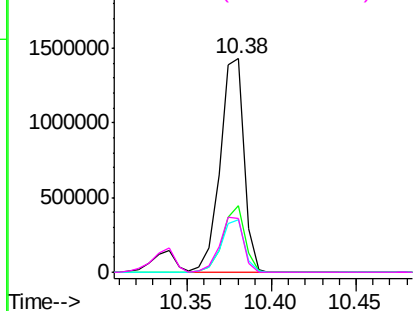
#63
Azobenzene
Concen: 45.902 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion: 77 Resp: 1406044
Ion Ratio Lower Upper
77 100
182 31.3 7.4 47.4
105 24.5 4.2 44.2
51 24.9 6.2 46.2

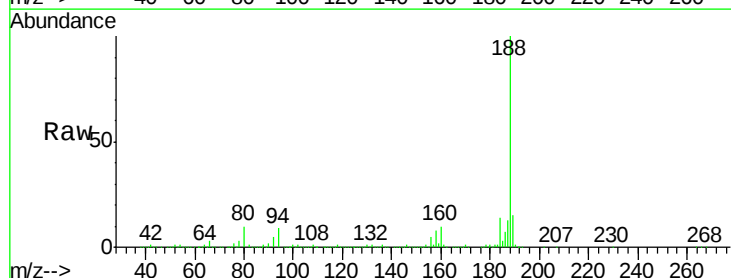


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

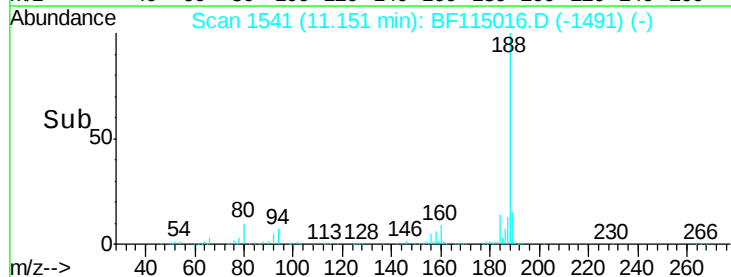
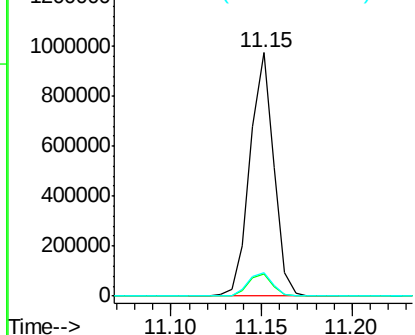


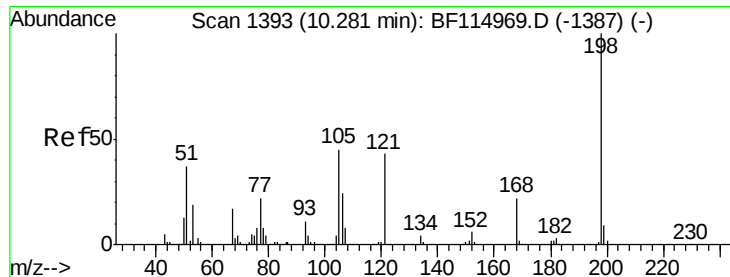
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion: 188 Resp: 882921
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 7.4 11.2



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

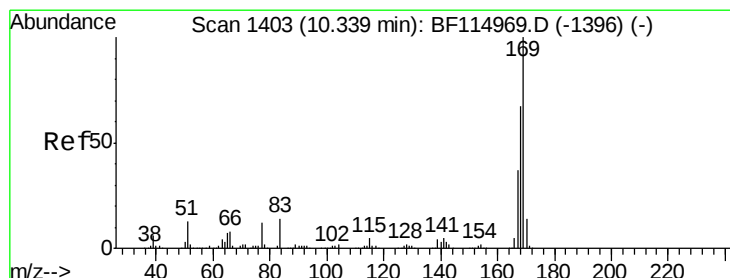
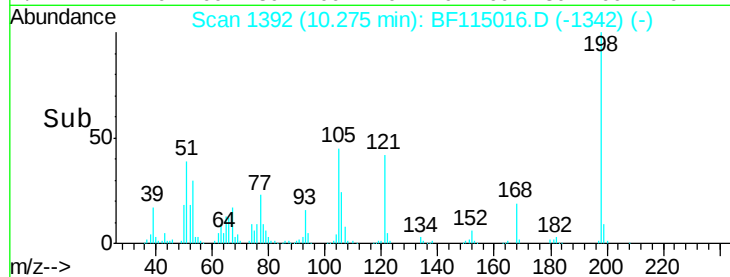
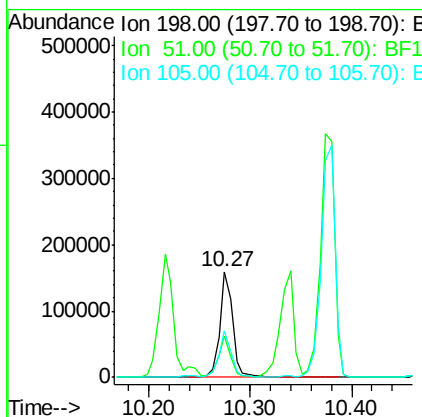
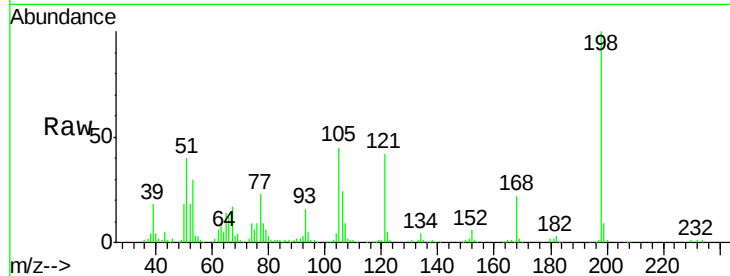




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.489 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

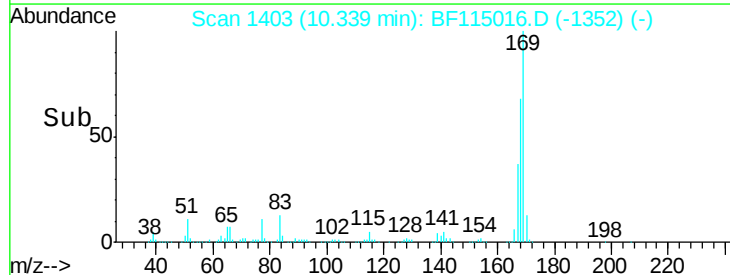
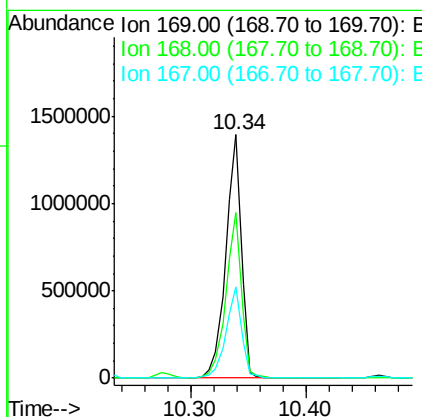
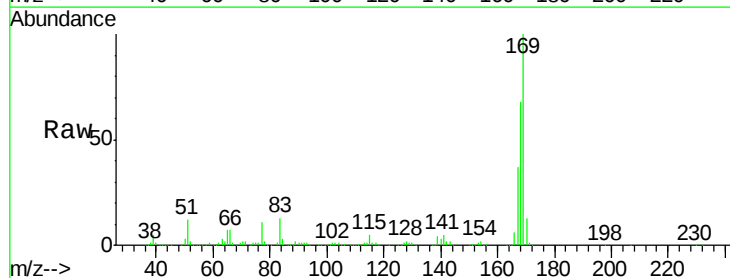
Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MSD

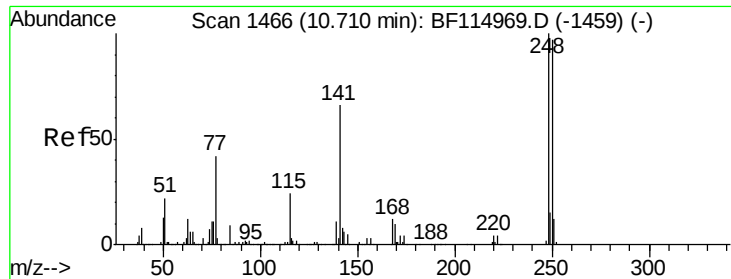
Tgt Ion:198 Resp: 140983
 Ion Ratio Lower Upper
 198 100
 51 39.6 23.0 63.0
 105 44.7 26.5 66.5



#66
 n-Nitrosodiphenylamine
 Concen: 49.122 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF115016.D
 Acq: 13 Jun 2019 21:50

Tgt Ion:169 Resp: 1296424
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.6 80.4
 167 37.4 29.6 44.4

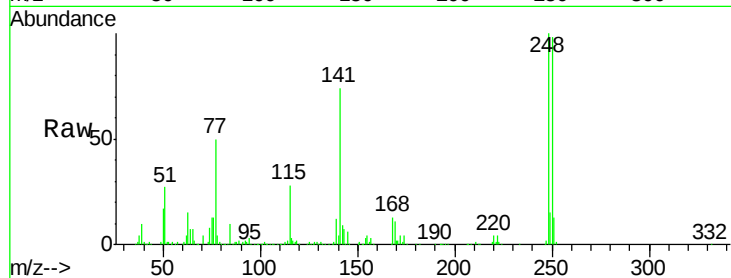




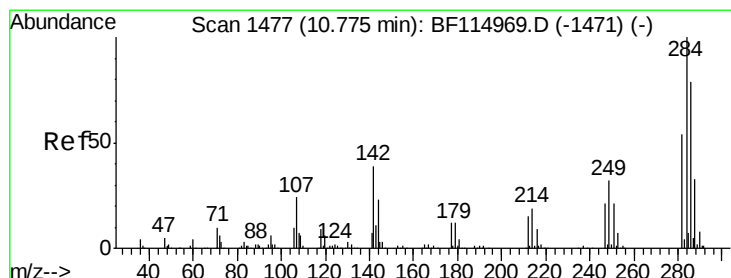
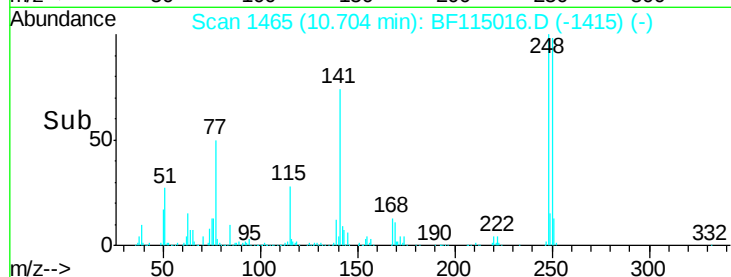
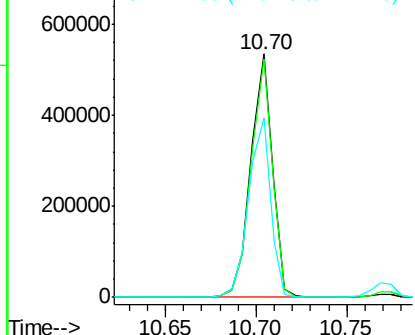
#67
4-Bromophenyl-phenylether
Concen: 46.839 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:248 Resp: 444030
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 74.0 53.1 79.7

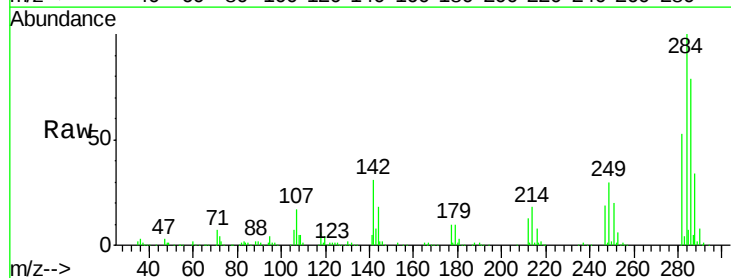


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

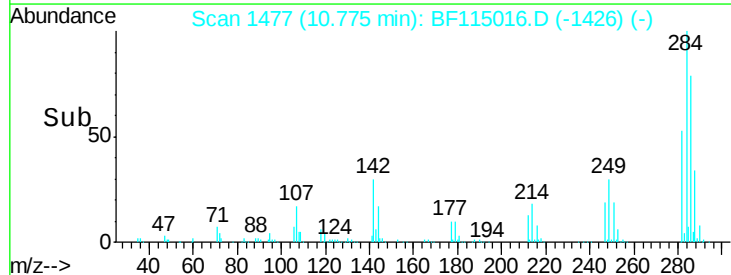
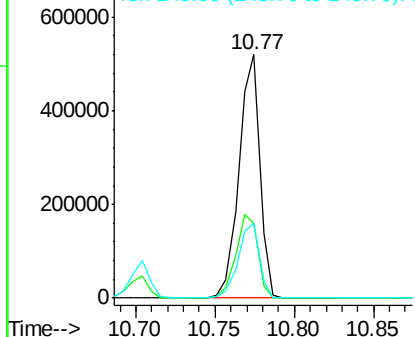


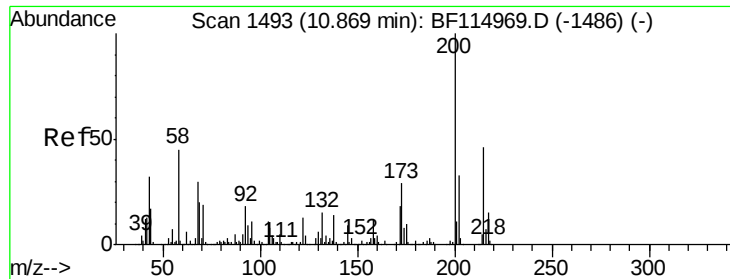
#68
Hexachlorobenzene
Concen: 45.322 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:284 Resp: 473022
Ion Ratio Lower Upper
284 100
142 30.6 31.5 47.3#
249 30.5 25.6 38.4



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

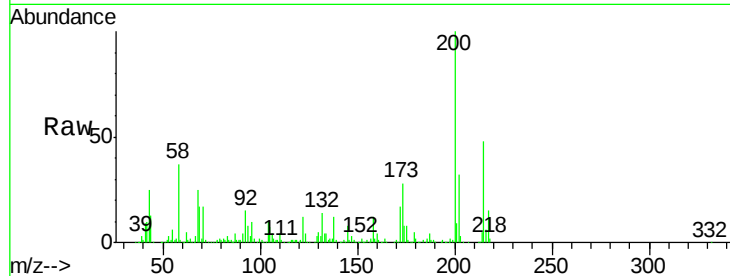




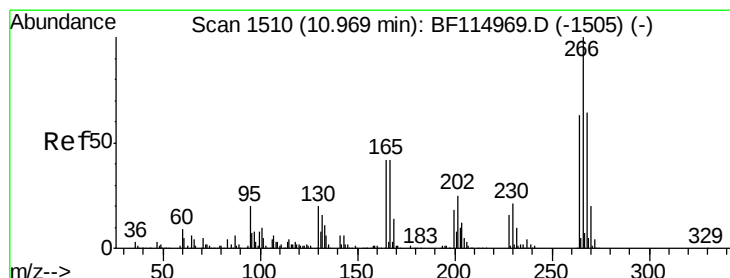
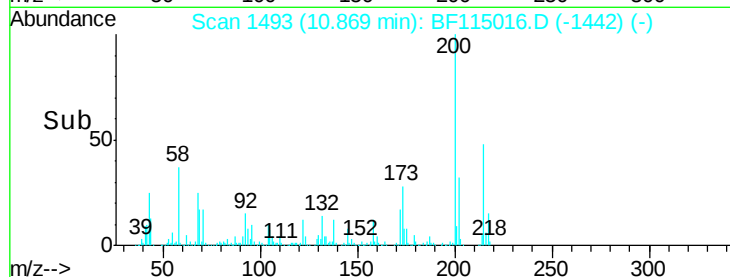
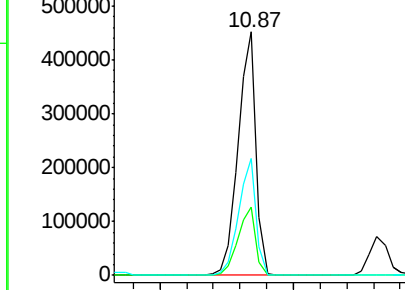
#69
Atrazine
Concen: 49.651 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:200 Resp: 422491
Ion Ratio Lower Upper
200 100
173 27.8 9.0 49.0
215 47.9 26.5 66.5

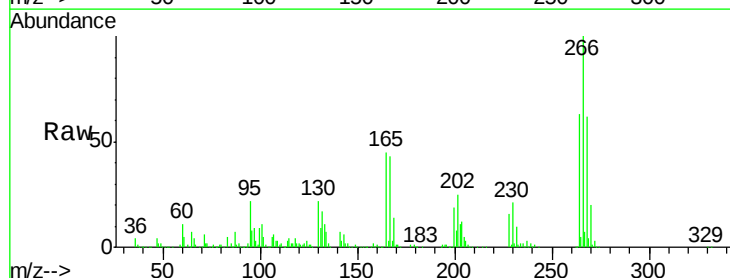


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

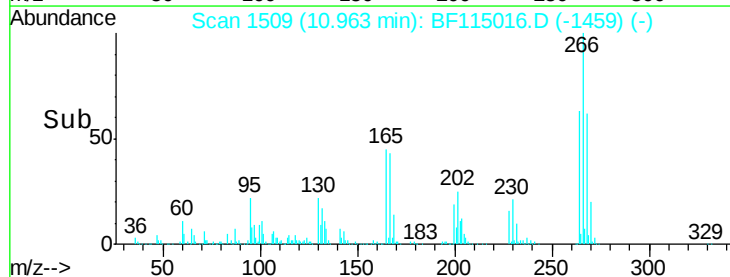
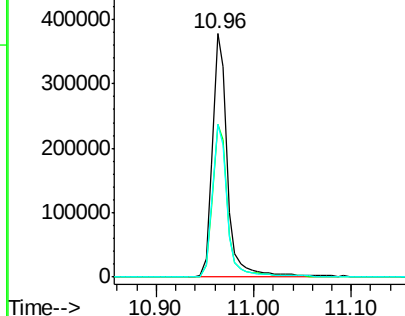


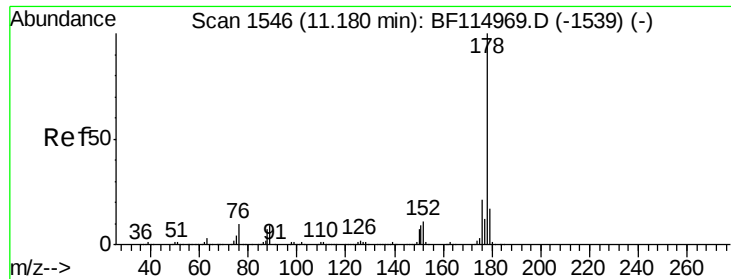
#70
Pentachlorophenol
Concen: 71.589 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:266 Resp: 405767
Ion Ratio Lower Upper
266 100
268 62.5 51.4 77.2
264 62.8 50.3 75.5



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

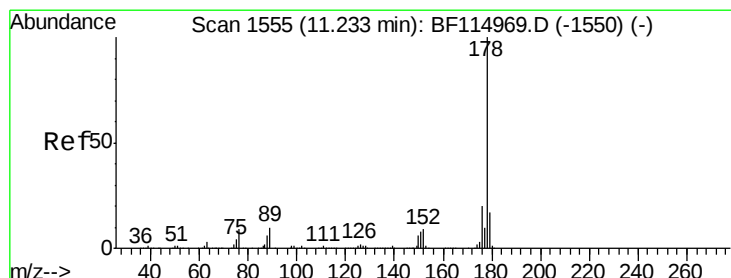
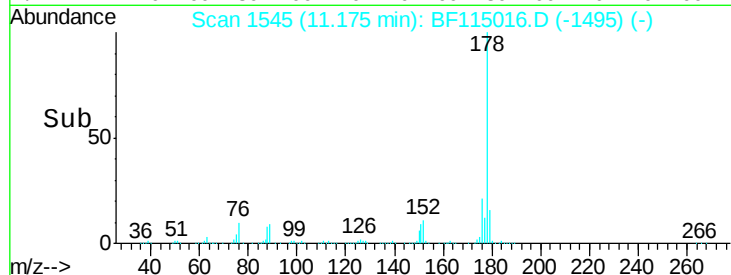
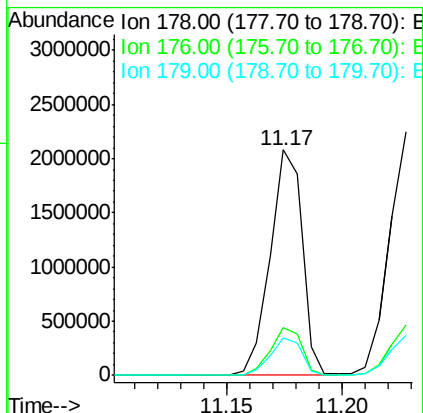
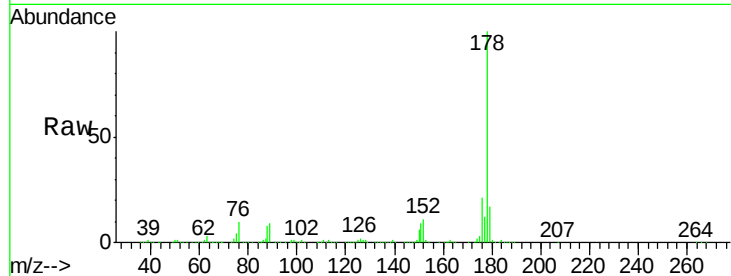




#71
Phenanthrene
Concen: 44.085 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

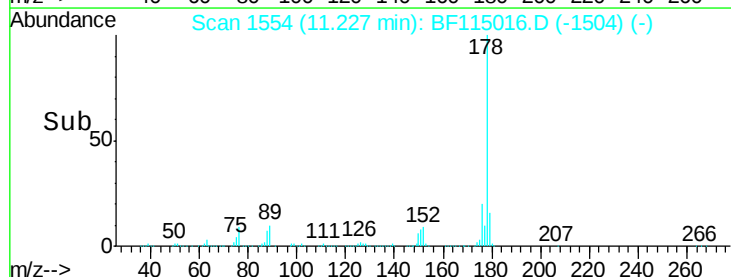
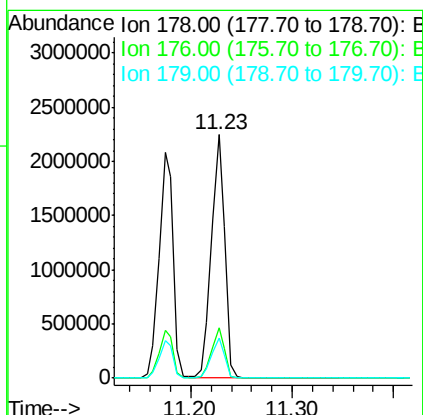
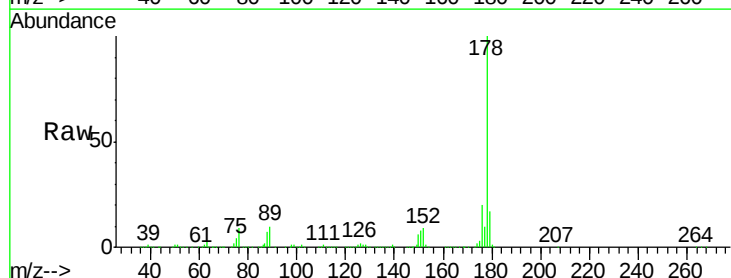
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

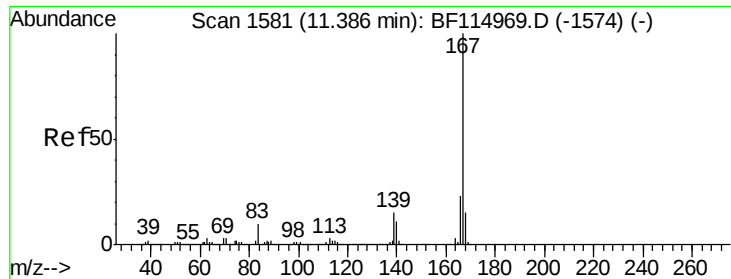
Tgt Ion:178 Resp: 2009699
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.6 13.4 20.0



#72
Anthracene
Concen: 45.159 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:178 Resp: 2076830
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.5 13.2 19.8





#73

Carbazole

Concen: 45.483 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

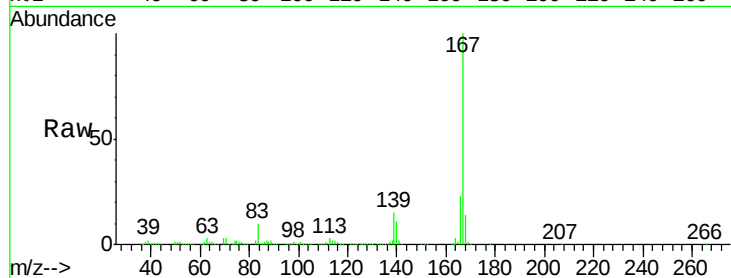
Tgt Ion:167 Resp: 1825734

Ion Ratio Lower Upper

167 100

166 22.8 18.5 27.7

139 14.7 12.0 18.0

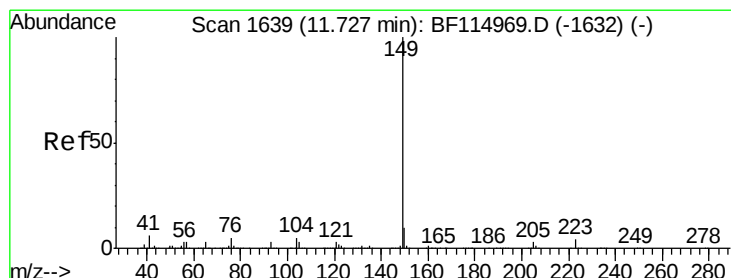
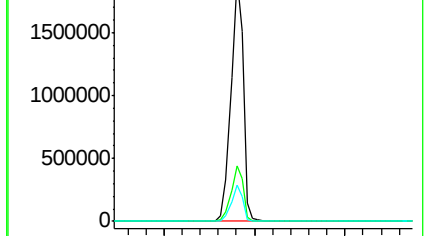
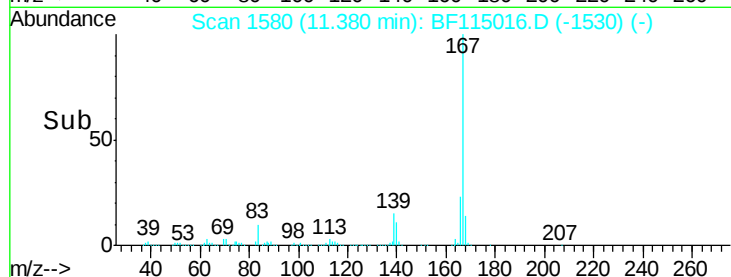


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 45.360 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

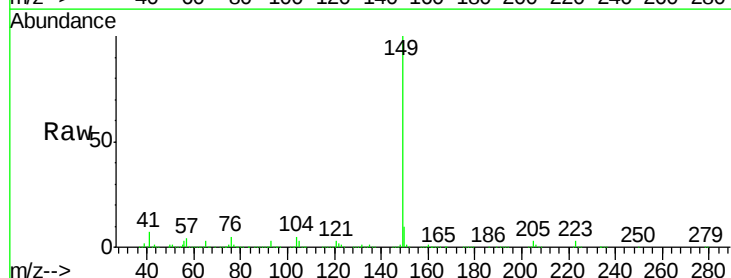
Tgt Ion:149 Resp: 2295450

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

104 4.9 4.0 6.0

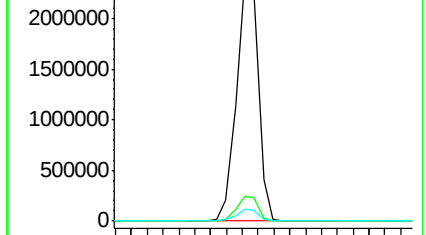
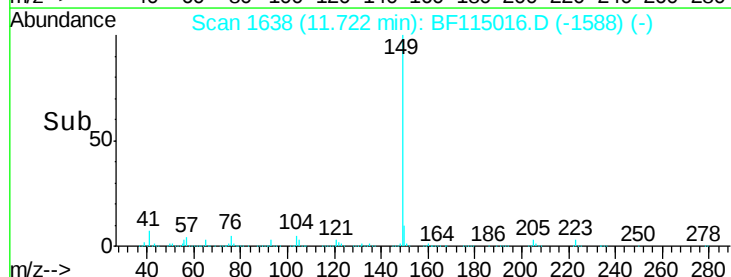


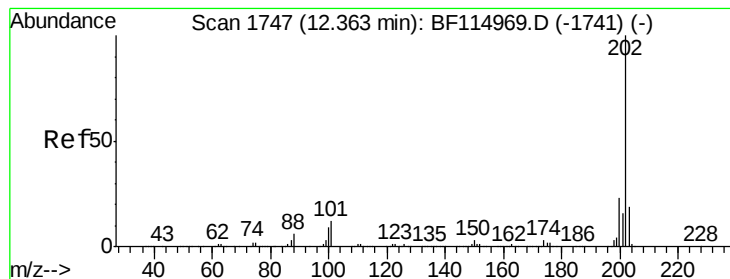
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#75

Fluoranthene

Concen: 41.343 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

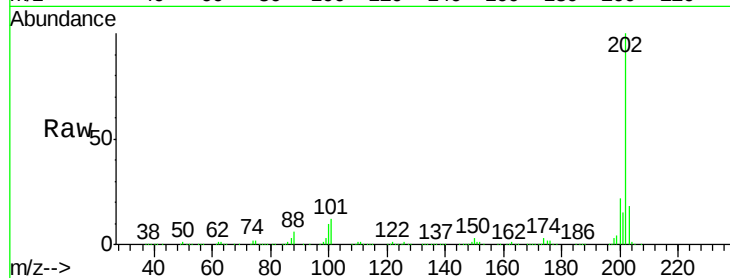
Tgt Ion: 202 Resp: 1927184

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.4

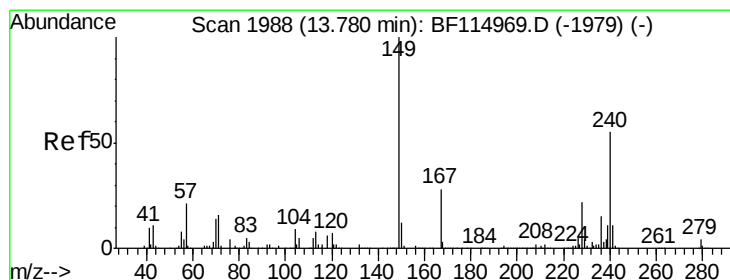
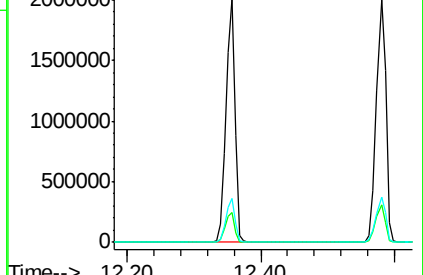
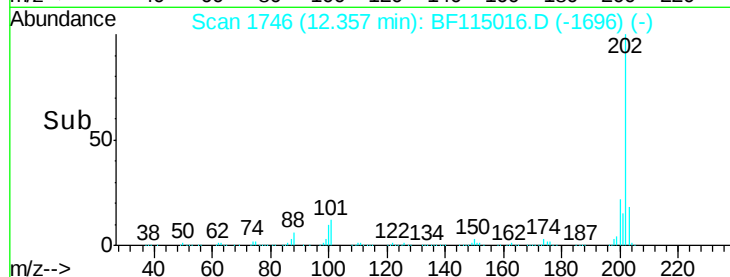
203 18.3 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

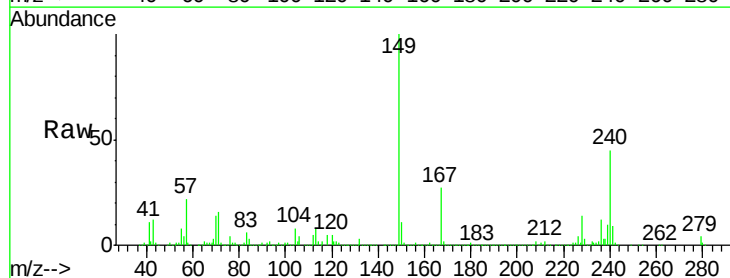
Tgt Ion: 240 Resp: 463698

Ion Ratio Lower Upper

240 100

120 11.7 10.0 15.0

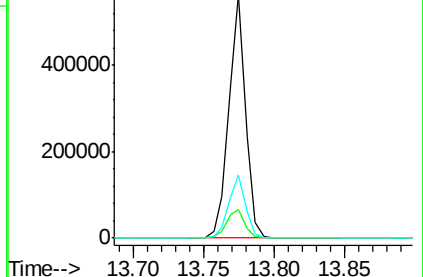
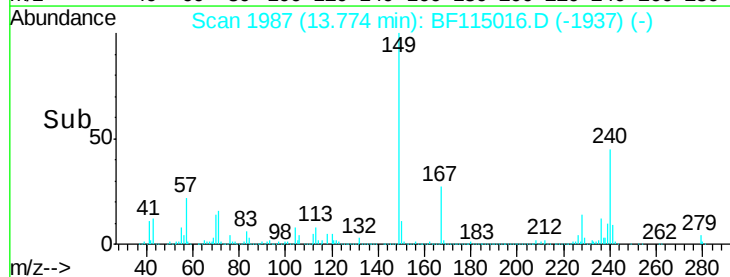
236 26.1 21.6 32.4

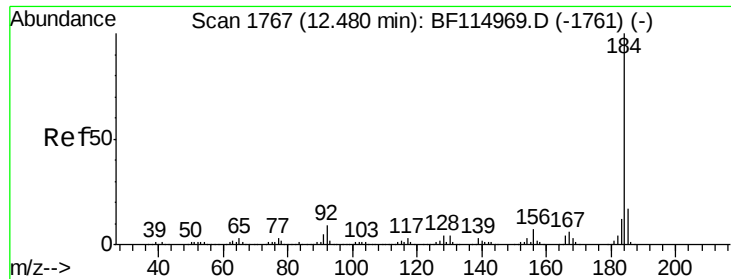


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.904 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

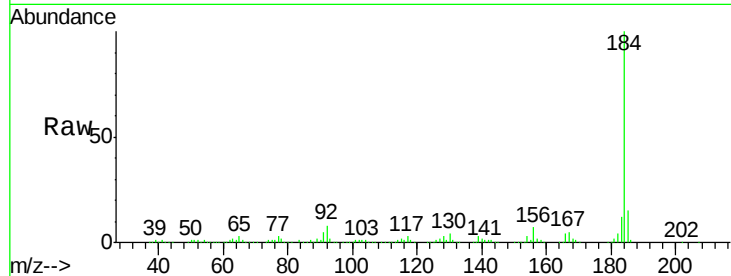
Tgt Ion:184 Resp: 598371

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

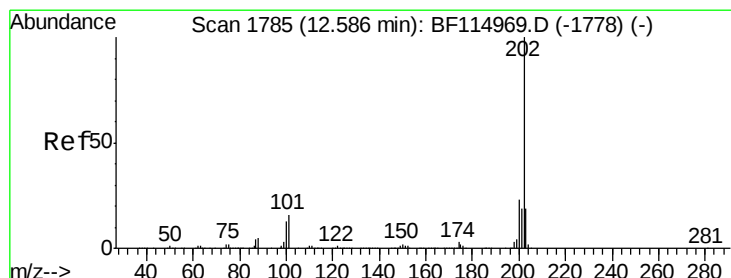
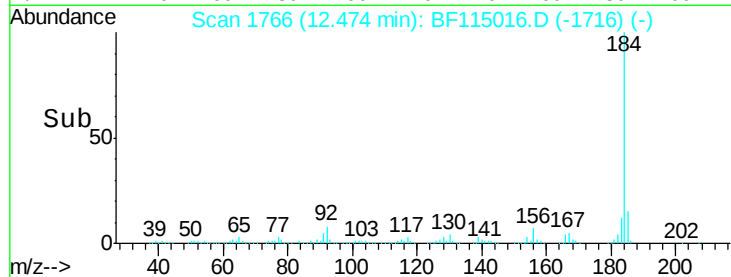
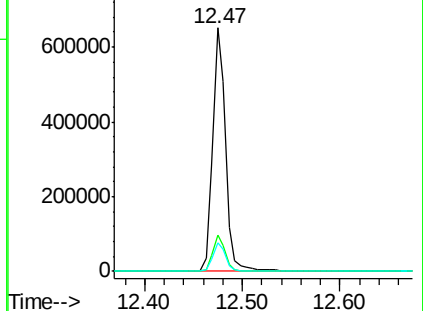
183 11.6 9.8 14.6



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: 44.700 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

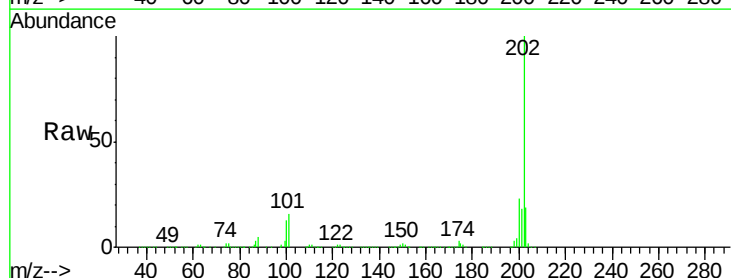
Tgt Ion:202 Resp: 1888205

Ion Ratio Lower Upper

202 100

200 22.7 18.4 27.6

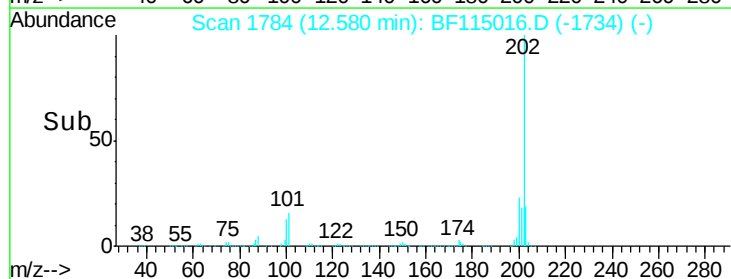
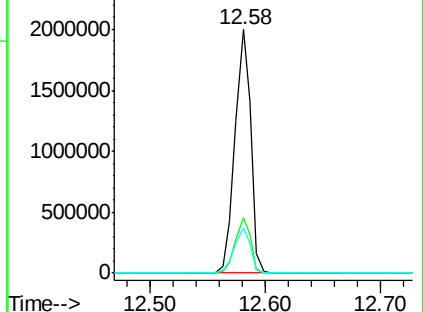
203 18.5 14.9 22.3

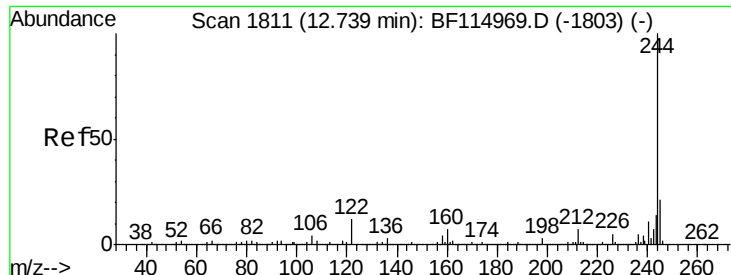


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.787 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

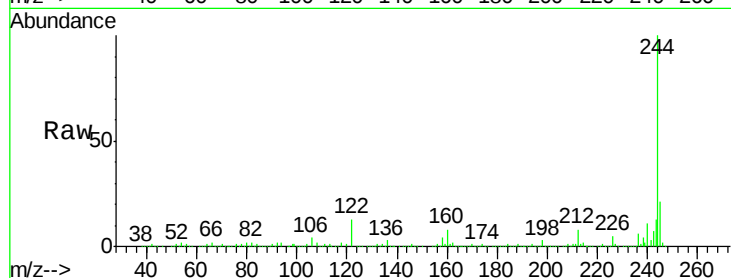
Tgt Ion:244 Resp: 2460077

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

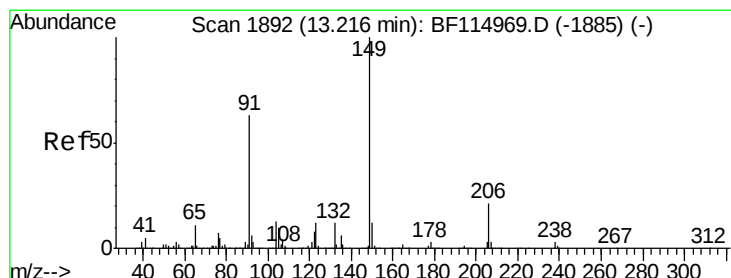
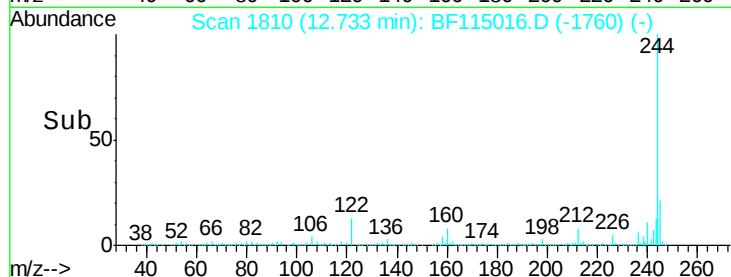
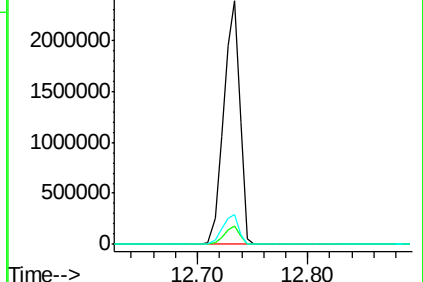
122 12.5 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.370 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

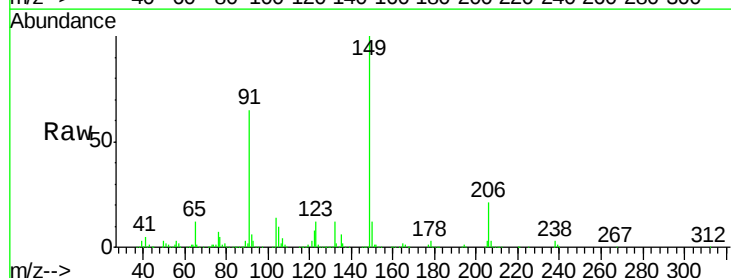
Tgt Ion:149 Resp: 895156

Ion Ratio Lower Upper

149 100

91 65.1 50.6 76.0

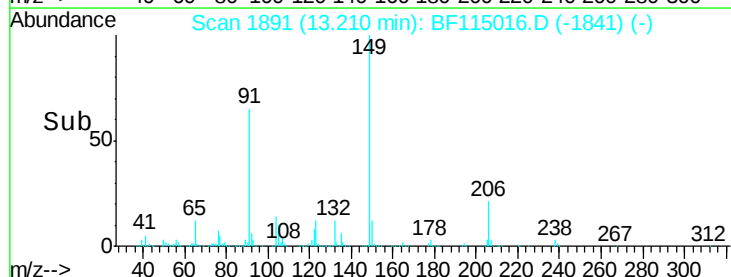
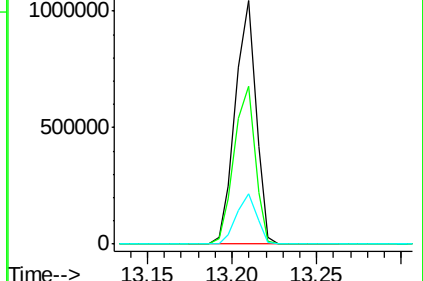
206 20.5 16.7 25.1

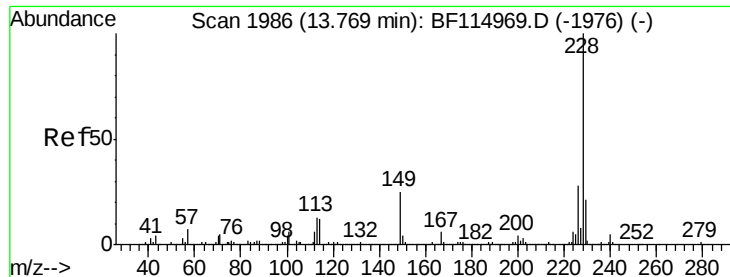


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.439 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

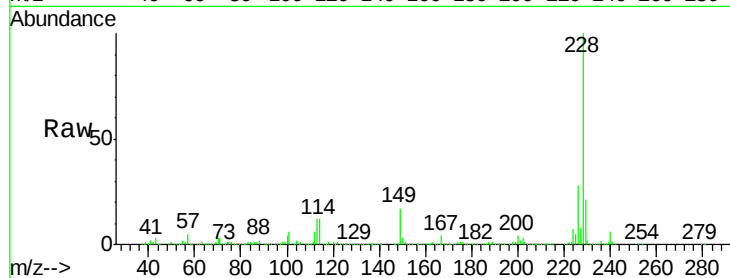
Tgt Ion:228 Resp: 1542016

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

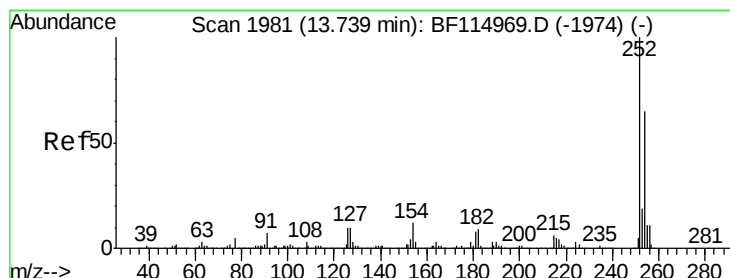
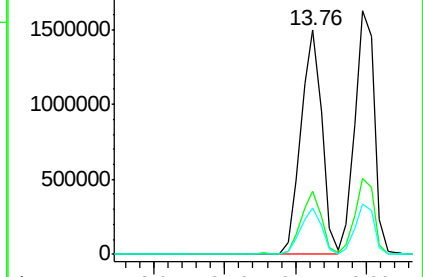
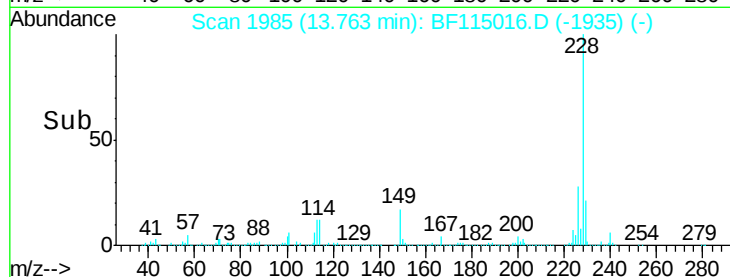
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.191 ng

RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

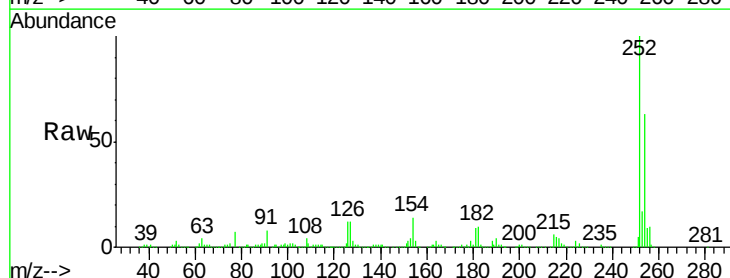
Tgt Ion:252 Resp: 441549

Ion Ratio Lower Upper

252 100

254 62.9 52.2 78.4

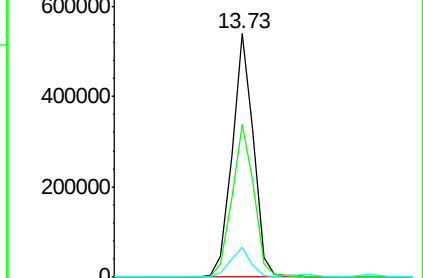
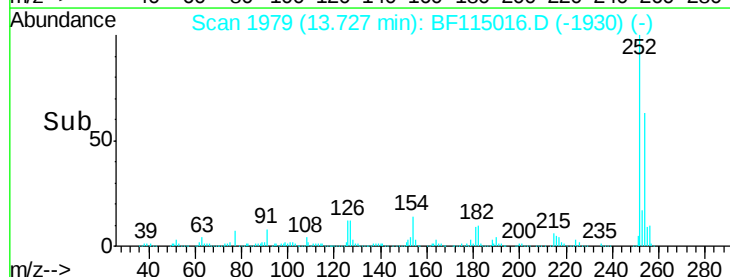
126 12.0 8.0 12.0#

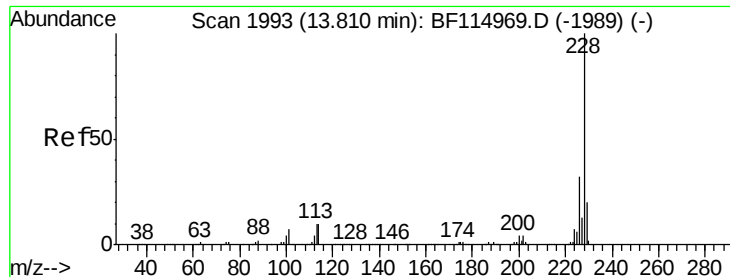


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.196 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

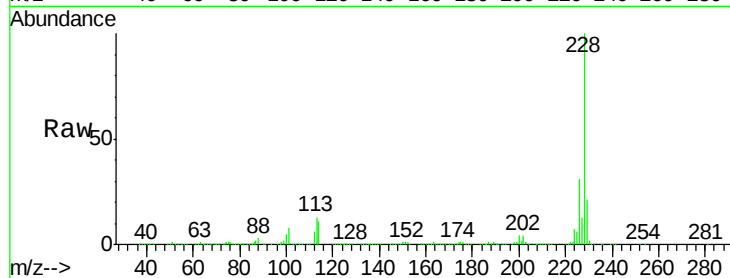
Tgt Ion:228 Resp: 1559518

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

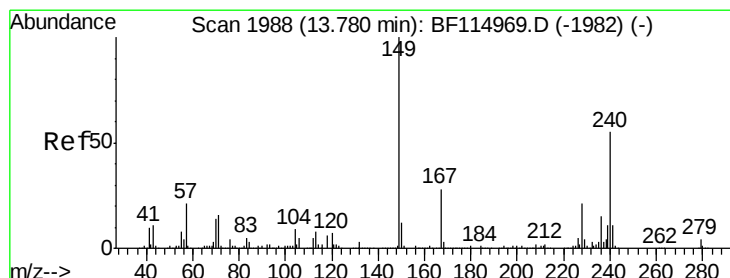
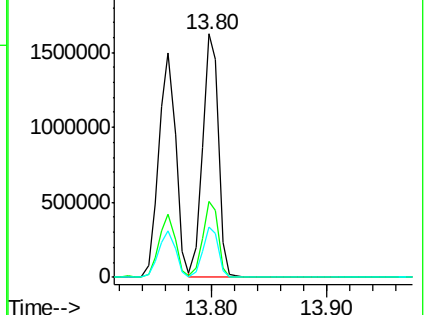
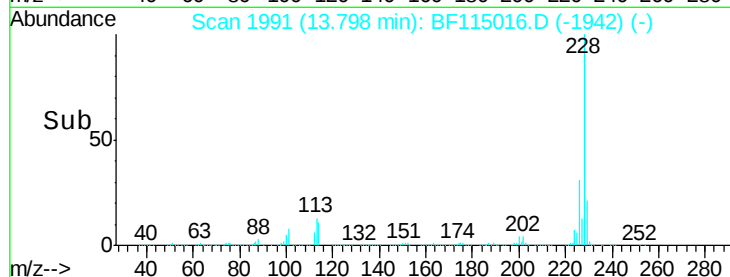
229 20.7 16.4 24.6



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: 48.505 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

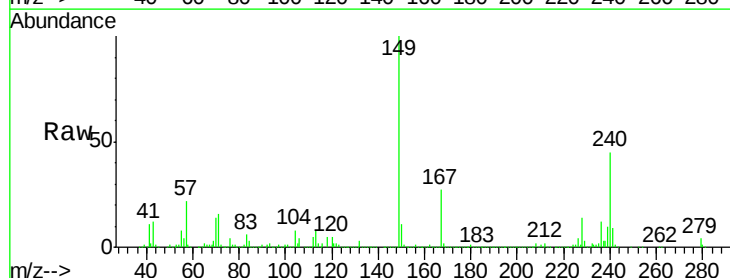
Tgt Ion:149 Resp: 1131095

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

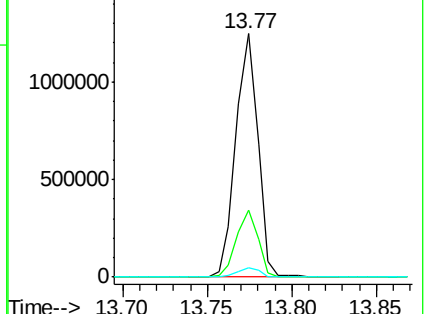
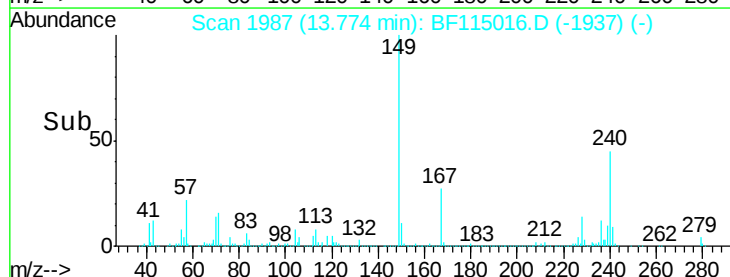
279 3.8 3.4 5.0

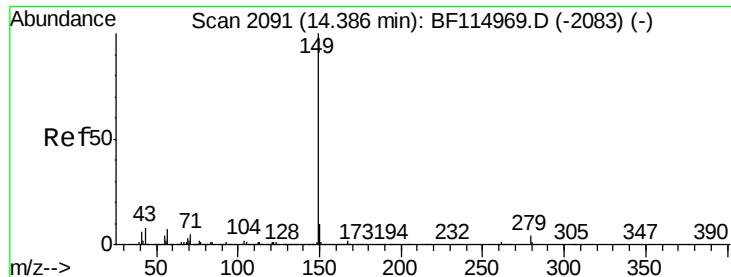


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.642 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MSD

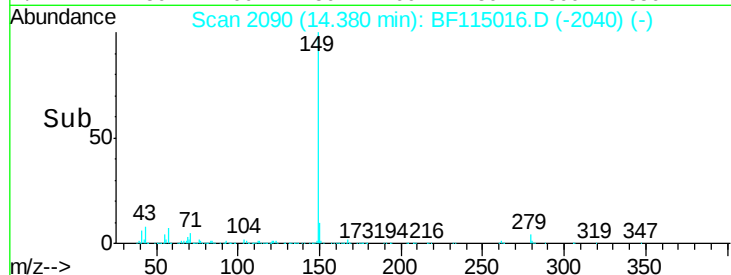
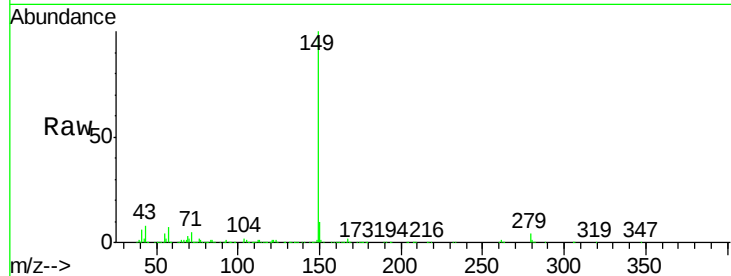
Tgt Ion:149 Resp: 1872985

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

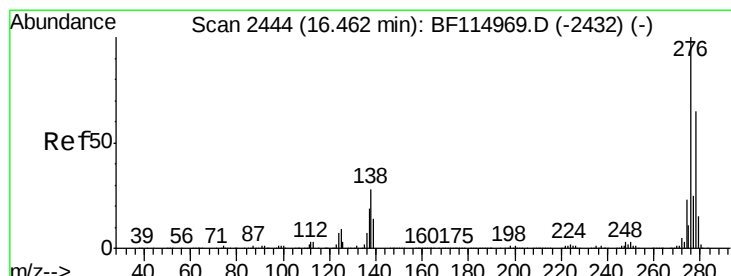
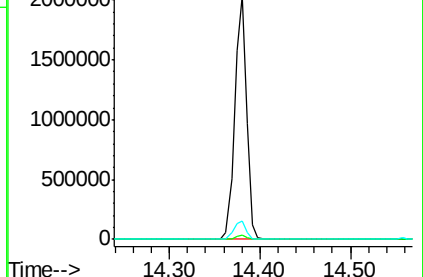
43 7.8 6.5 9.7



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: 46.455 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BF115016.D

Acq: 13 Jun 2019 21:50

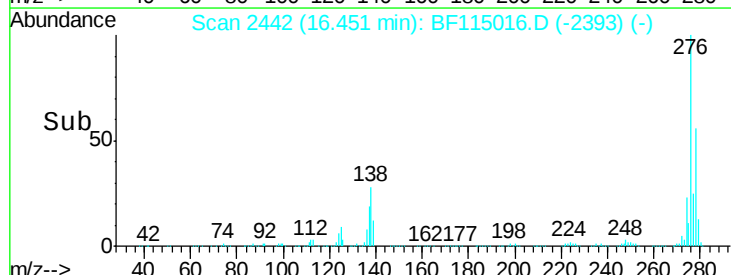
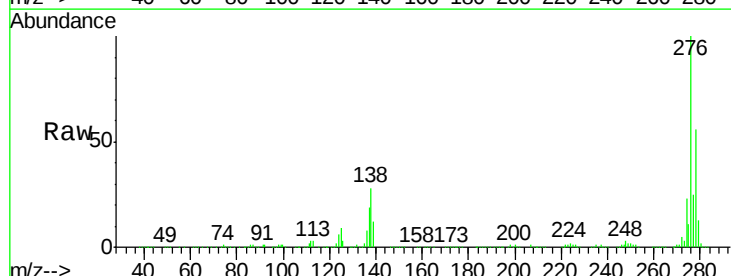
Tgt Ion:276 Resp: 1408062

Ion Ratio Lower Upper

276 100

138 29.3 23.0 34.4

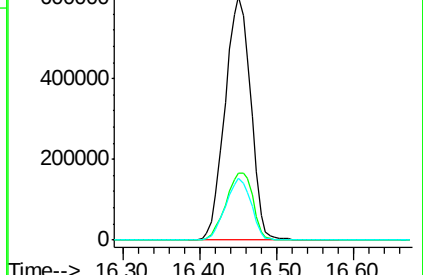
277 25.2 20.6 30.8

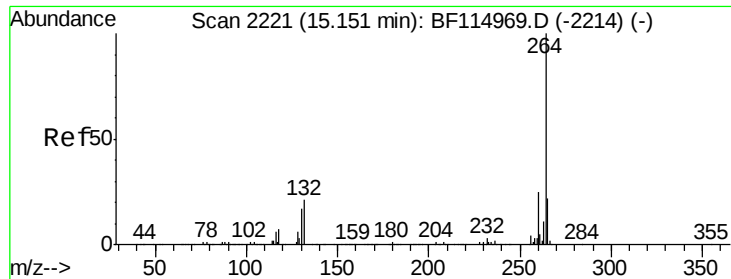


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

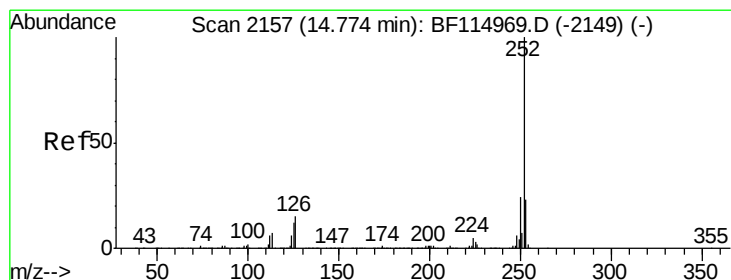
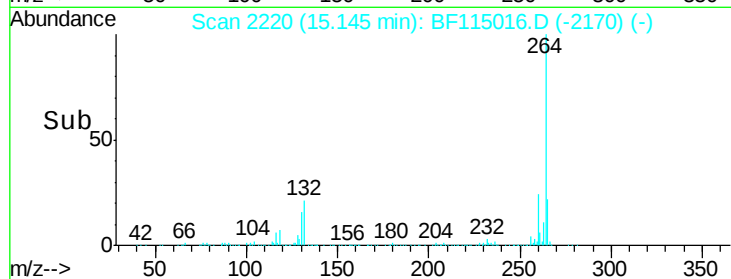
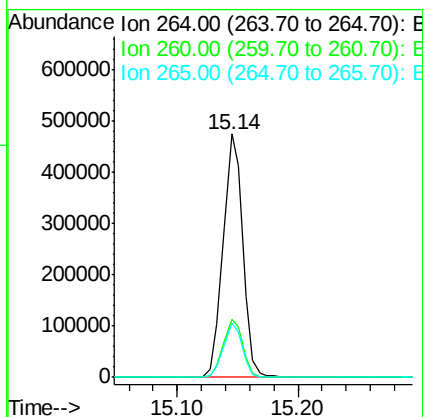
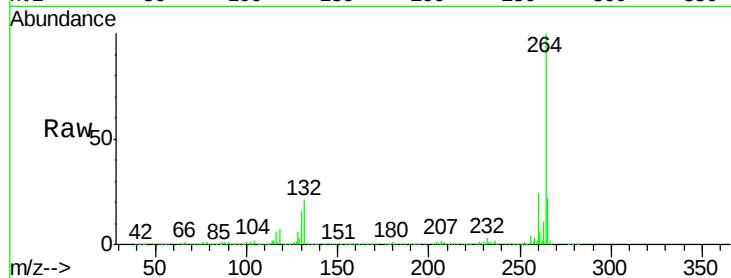




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

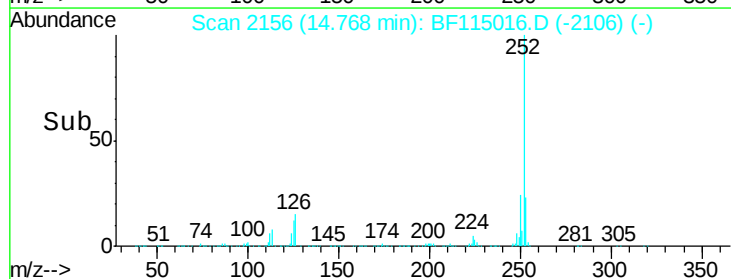
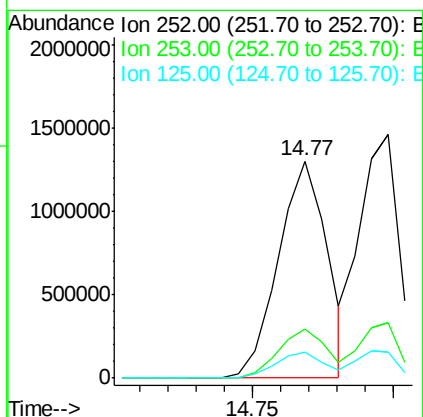
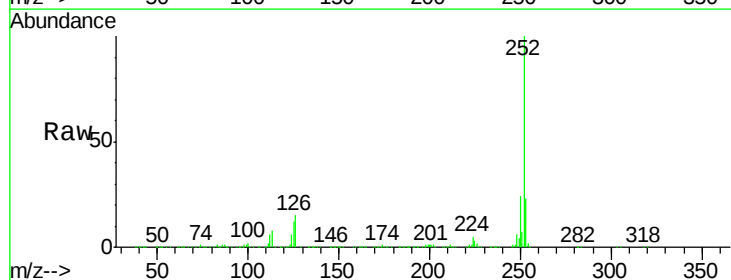
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

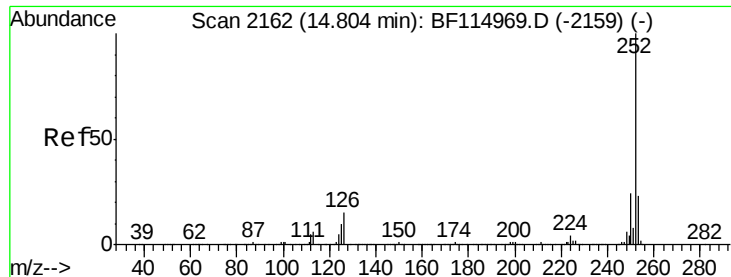
Tgt Ion:264 Resp: 535542
Ion Ratio Lower Upper
264 100
260 23.9 19.9 29.9
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 43.893 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:252 Resp: 1562619
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.9 9.4 14.0

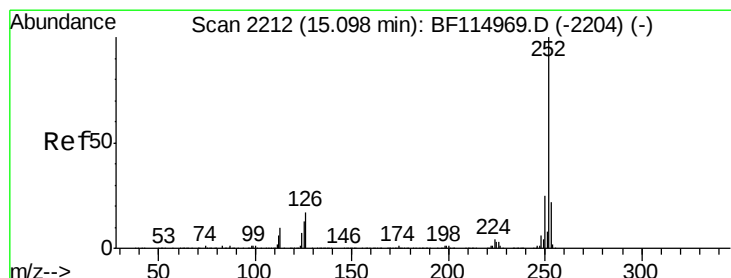
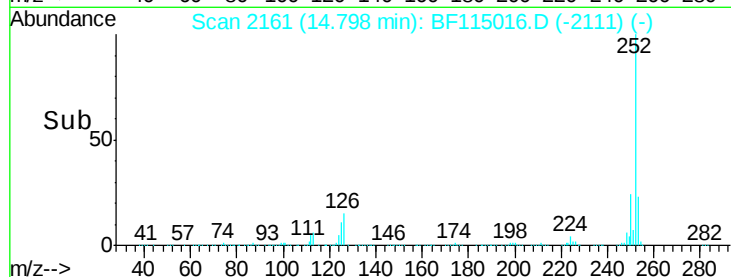
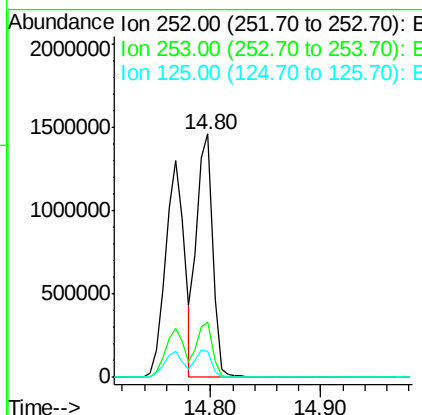
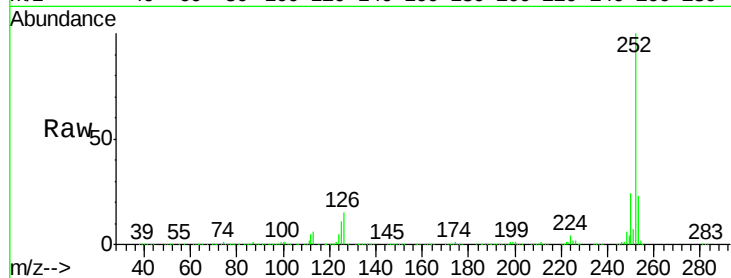




#89
Benzo(k)fluoranthene
Concen: 46.156 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

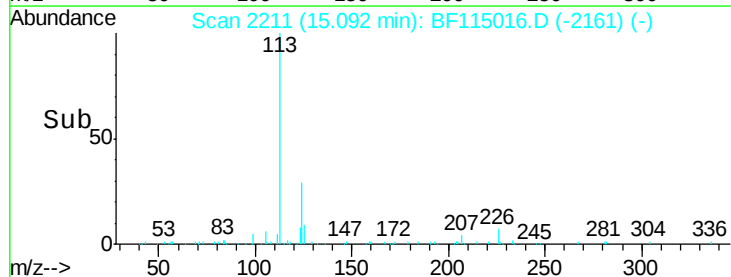
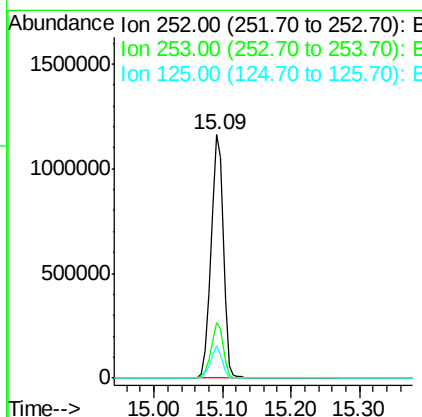
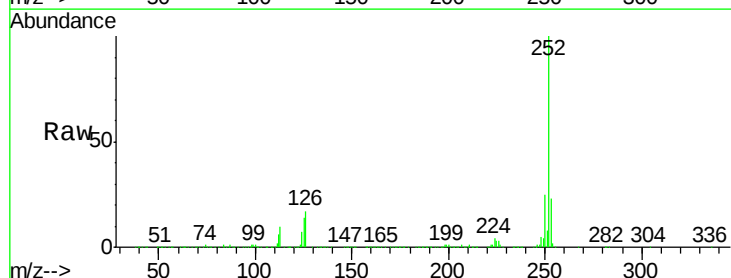
Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

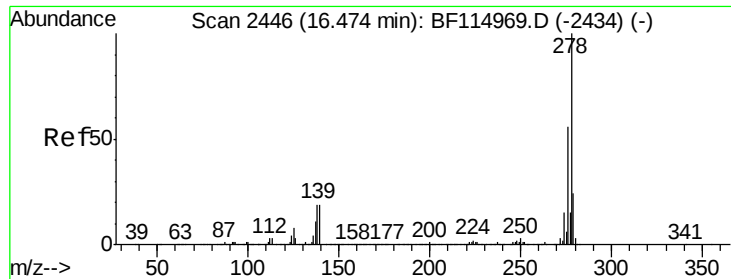
Tgt Ion:252 Resp: 1442301
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.773 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:252 Resp: 1436852
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.5 10.7 16.1



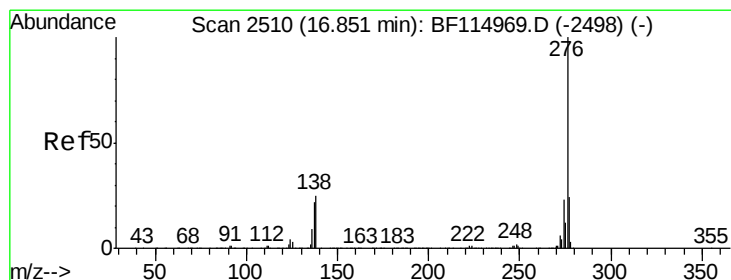
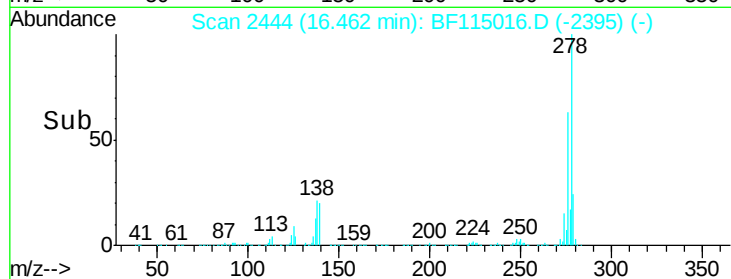
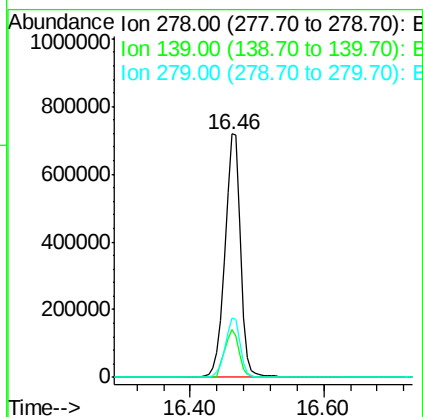
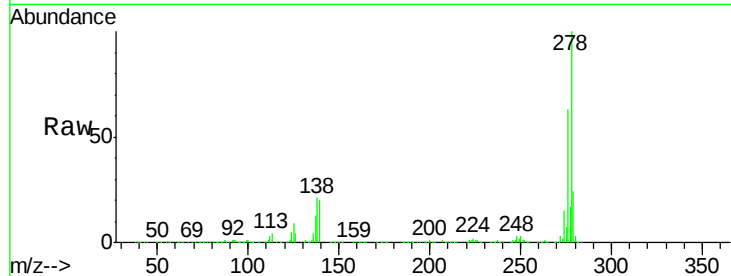


#91
Dibenzo(a,h)anthracene
Concen: 45.002 ng
RT: 16.46 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MSD

Tgt Ion:278 Resp: 1190560

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.3	22.9
279	24.3	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 42.469 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BF115016.D
Acq: 13 Jun 2019 21:50

Tgt Ion:276 Resp: 1145843

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	25.2	20.2	30.4

