

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106672.D
 Acq On : 21 Jun 2018 20:28
 Operator : JU/SJ
 Sample : J3584-23MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Quant Time: Jun 22 03:22:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63978	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	244879	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	129347	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	259306	20.00	ng	0.00
75) Chrysene-d12	14.15	240	170942	20.00	ng	0.00
86) Perylene-d12	15.68	264	184706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	477877	126.48	ng	0.00
7) Phenol-d6	6.61	99	609779	129.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	411705	93.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219801	146.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	724468	96.86	ng	0.00
78) Terphenyl-d14	13.08	244	822205	116.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	56700	29.190	ng	98
3) Pyridine	3.65	79	83880	15.922	ng	98
4) n-Nitrosodimethylamine	3.59	42	74260	33.189	ng	83
6) Aniline	6.63	93	180099	28.139	ng	# 78
8) 2-Chlorophenol	6.75	128	159990	38.607	ng	96
9) Benzaldehyde	6.51	77	91672	25.933	ng	97
10) Phenol	6.62	94	203354	37.765	ng	76
11) bis(2-Chloroethyl)ether	6.70	93	161373	36.302	ng	99
12) 1,3-Dichlorobenzene	6.90	146	182578	37.617	ng	99
13) 1,4-Dichlorobenzene	6.98	146	183646	37.425	ng	99
14) 1,2-Dichlorobenzene	7.13	146	170950	38.013	ng	99
15) Benzyl Alcohol	7.10	79	144922	38.252	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	239814	41.117	ng	81
17) 2-Methylphenol	7.22	107	137685	38.824	ng	# 93
18) Hexachloroethane	7.47	117	63309	36.688	ng	# 84
19) n-Nitroso-di-n-propylamine	7.37	70	108926	35.022	ng	94
20) 3+4-Methylphenols	7.37	107	164099	42.096	ng	# 73
22) Acetophenone	7.37	105	216362	39.493	ng	# 96
24) Nitrobenzene	7.55	77	176609	39.257	ng	98
25) Isophorone	7.78	82	327468	42.174	ng	99
26) 2-Nitrophenol	7.86	139	91336	43.008	ng	98
27) 2,4-Dimethylphenol	7.90	122	147552	44.951	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	208067	39.910	ng	99
29) 2,4-Dichlorophenol	8.11	162	148832	43.308	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	160700	42.448	ng	97
31) Naphthalene	8.27	128	463694	40.501	ng	99
32) Benzoic acid	8.02	122	66116	30.115	ng	98
33) 4-Chloroaniline	8.31	127	153533	31.960	ng	98
34) Hexachlorobutadiene	8.37	225	105925	42.940	ng	98
35) Caprolactam	8.69	113	46582	41.583	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	153815	42.523	ng	96
37) 2-Methylnaphthalene	8.96	142	343481	45.263	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	177531	40.756	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	152098	67.866	ng	98

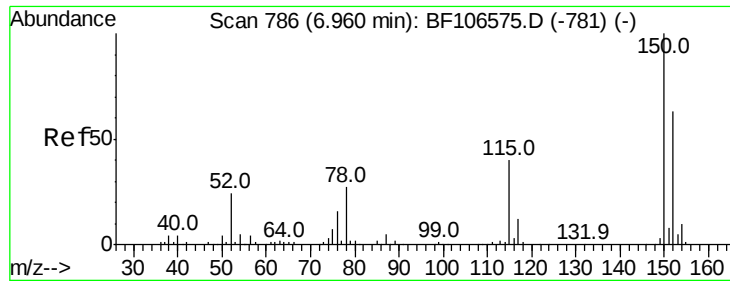
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	111127	38.379	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	116672	38.616	nq #	89
45) 1,1'-Biphenyl	9.42	154	408557	39.634	nq	99
46) 2-Chloronaphthalene	9.45	162	303863	37.449	nq	96
47) 2-Nitroaniline	9.55	65	99278	36.385	nq	94
48) Acenaphthylene	9.87	152	488089	38.100	nq	98
49) Dimethylphthalate	9.72	163	454634	46.864	nq	97
50) 2,6-Dinitrotoluene	9.79	165	87088	42.394	nq #	84
51) Acenaphthene	10.04	154	290858	36.055	nq	98
52) 3-Nitroaniline	9.96	138	74637	31.574	nq	98
53) 2,4-Dinitrophenol	10.07	184	76199	71.922	nq #	15
54) Dibenzofuran	10.21	168	454624	41.157	nq	95
55) 4-Nitrophenol	10.14	139	105499	63.937	nq	97
56) 2,4-Dinitrotoluene	10.20	165	117124	43.680	nq #	83
57) Fluorene	10.55	166	354918	40.490	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	106080	44.168	nq #	79
59) Diethylphthalate	10.42	149	344885	36.834	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	183428	39.994	nq #	84
61) 4-Nitroaniline	10.58	138	86001	36.658	nq	92
62) Azobenzene	10.70	77	346916	37.624	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	63309	39.497	nq	79
65) n-Nitrosodiphenylamine	10.66	169	311371	35.700	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	126775	40.966	nq #	82
67) Hexachlorobenzene	11.10	284	133180	41.118	nq #	84
68) Atrazine	11.19	200	113440	40.913	nq	94
69) Pentachlorophenol	11.30	266	101705	62.931	nq	99
70) Phenanthrene	11.52	178	510517	40.819	nq	99
71) Anthracene	11.57	178	528820	41.425	nq	100
72) Carbazole	11.73	167	455688	38.127	nq	98
73) Di-n-butylphthalate	12.04	149	536832	38.126	nq	99
74) Fluoranthene	12.71	202	527482	38.265	nq	96
77) Pyrene	12.94	202	508771	45.134	nq	100
79) Butylbenzylphthalate	13.55	149	191745	41.372	nq #	96
80) Benzo(a)anthracene	14.14	228	418823	40.200	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	123900	33.837	nq #	96
82) Chrysene	14.17	228	395311	41.243	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	252670	42.643	nq	97
84) Di-n-octyl phthalate	14.73	149	390338	40.414	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	509298	62.613	nq #	91
87) Benzo(b)fluoranthene	15.22	252	436883	38.076	nq #	96
88) Benzo(k)fluoranthene	15.26	252	396727	36.309	nq #	95
89) Benzo(a)pyrene	15.62	252	420387	41.214	nq #	97
90) Dibenzo(a,h)anthracene	17.27	278	423608	49.004	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	431823	51.108	nq #	90

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

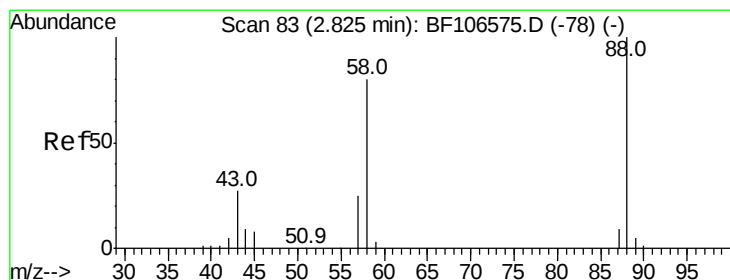
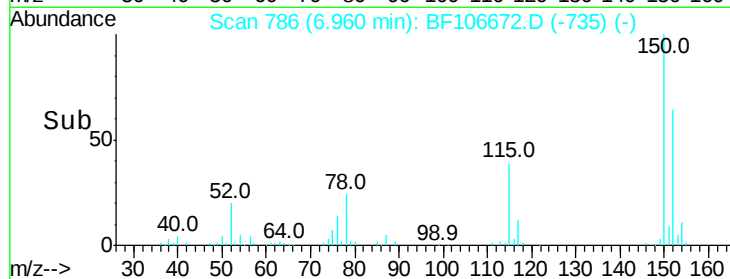
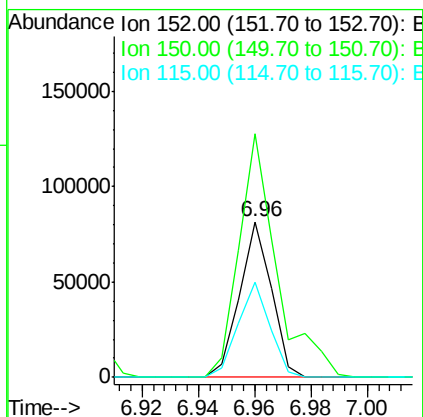
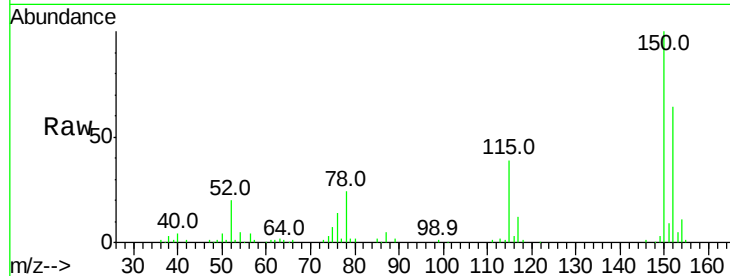


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

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 ClientSampleId :
 TP-1-DMS

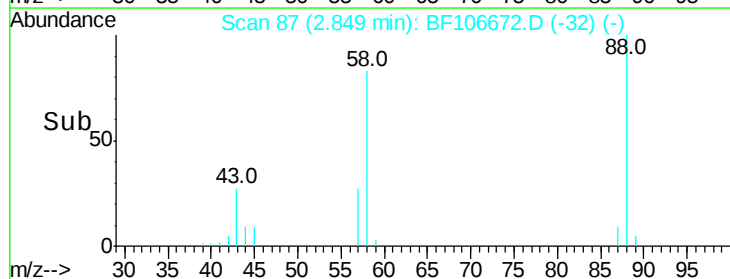
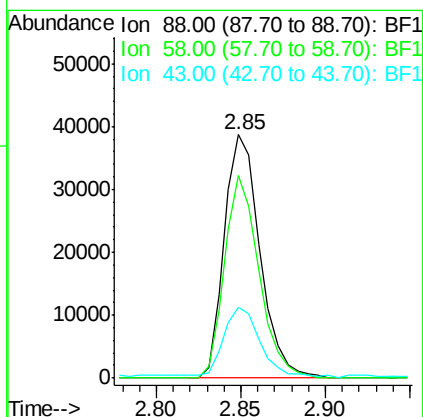
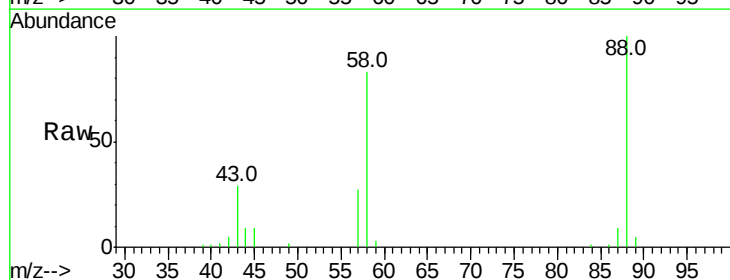
Tot Ion:152 Resp: 63978
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 61.0 50.1 75.1



#2

1,4-Dioxane
 Concen: 29.190 ng
 RT: 2.85 min Scan# 87
 Delta R.T. 0.02 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion: 88 Resp: 56700
 Ion Ratio Lower Upper
 88 100
 58 80.3 62.6 93.8
 43 30.9 24.6 37.0





#3

Pvridine

Concen: 15.922 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

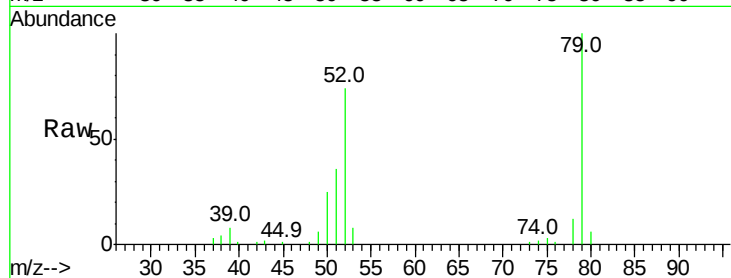
Tot Ion: 79 Resp: 83880

Ion Ratio Lower Upper

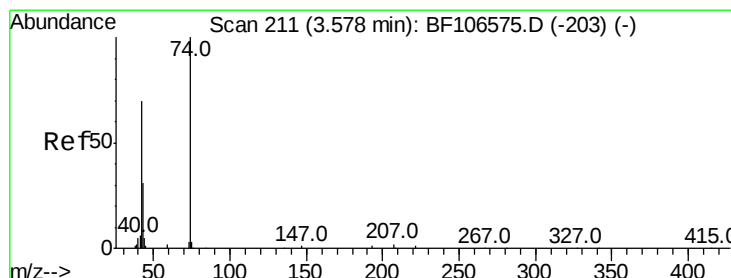
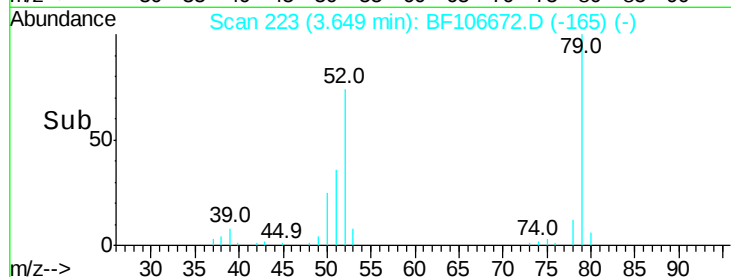
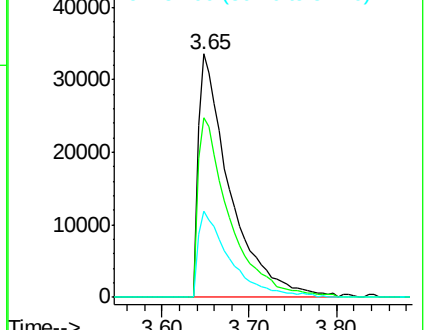
79 100

52 73.9 59.8 89.6

51 35.5 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 33.189 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

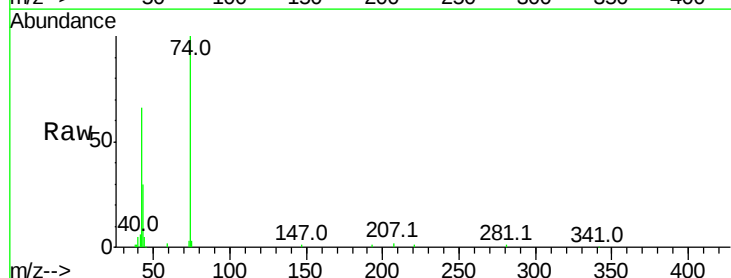
Tgt Ion: 42 Resp: 74260

Ion Ratio Lower Upper

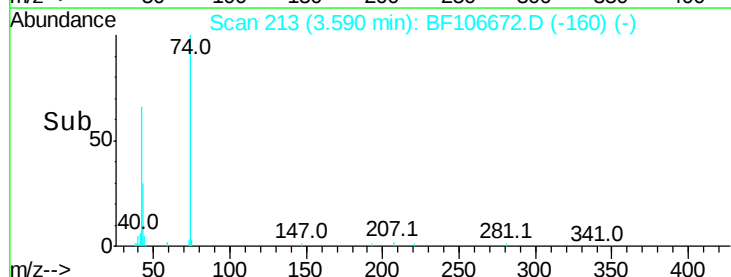
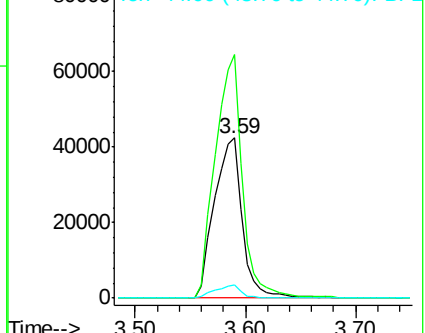
42 100

74 151.9 104.9 157.3

44 8.2 6.9 10.3



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





#5

2-Fluorophenol

Concen: 126.481 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

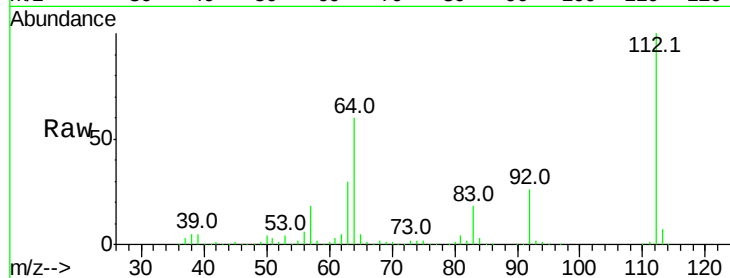
Tot Ion:112 Resp: 477877

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

63 29.9 23.7 35.5



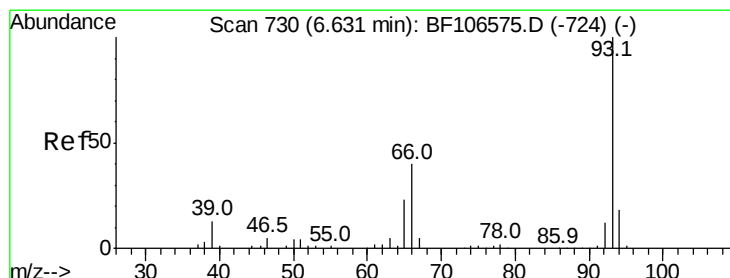
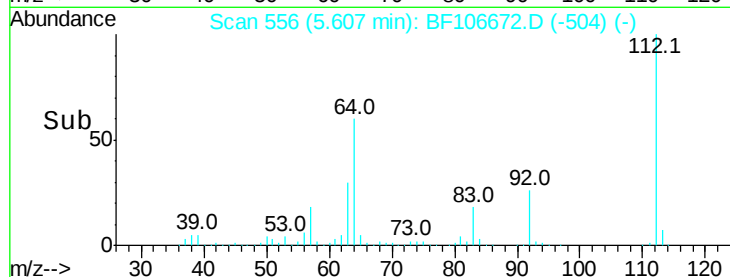
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.61

Time-->



#6

Aniline

Concen: 28.139 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

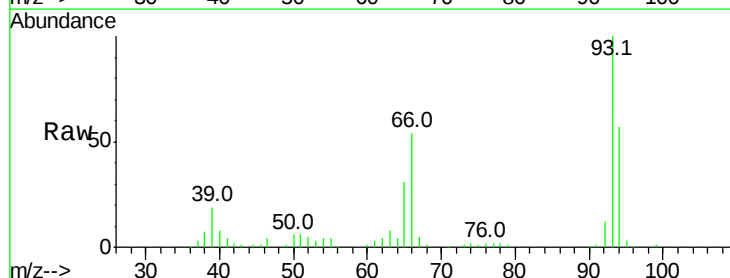
Tgt Ion: 93 Resp: 180099

Ion Ratio Lower Upper

93 100

66 53.6 32.2 48.2#

65 31.5 16.4 24.6#



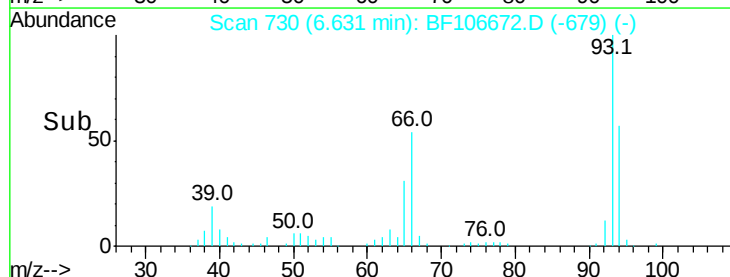
Abundance Ion 93.00 (92.70 to 93.70): BF1

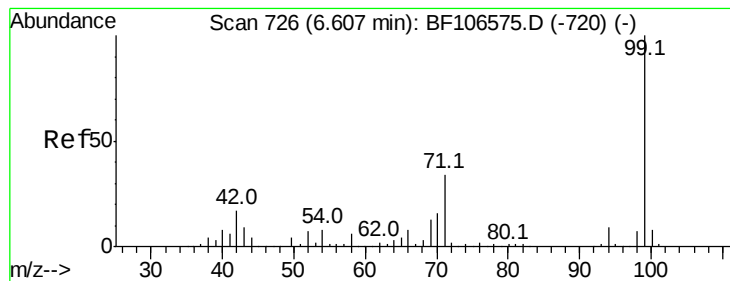
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.63

Time-->





#7

Phenol-d6

Concen: 129.237 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

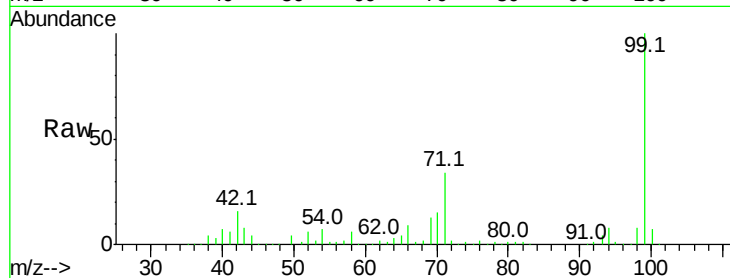
Tot Ion: 99 Resp: 609779

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

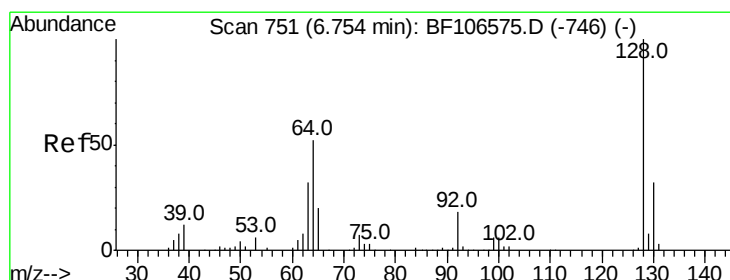
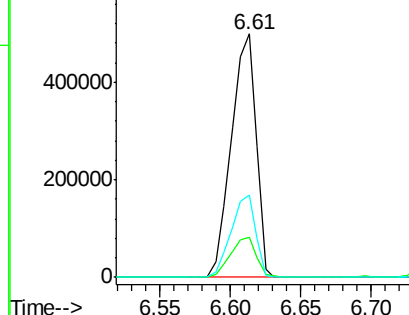
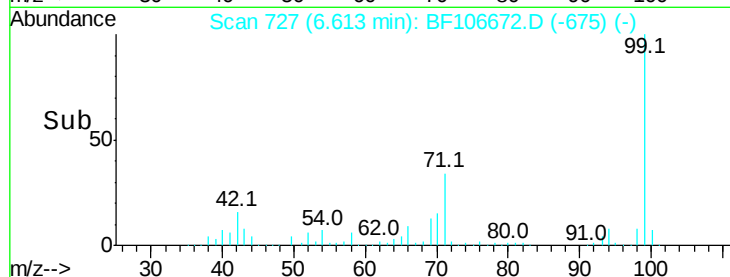
71 34.0 25.4 38.0



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: 38.607 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

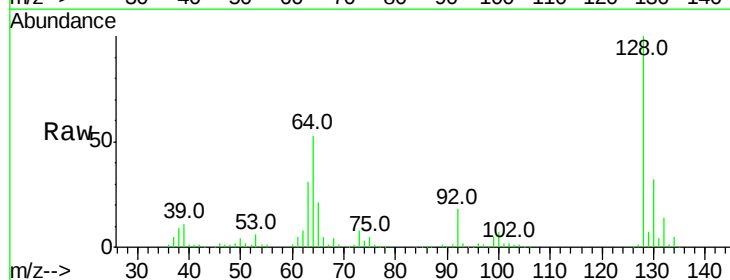
Tgt Ion:128 Resp: 159990

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

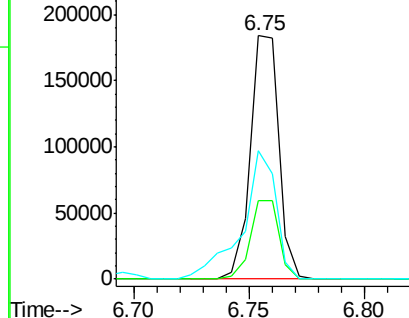
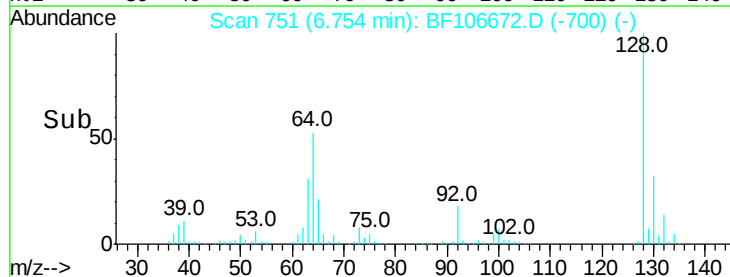
64 52.8 29.4 69.4



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: 25.933 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106672.D

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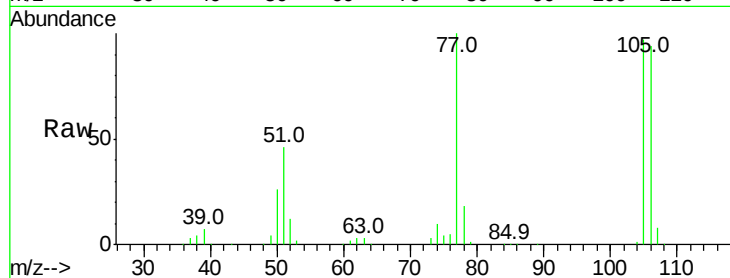
Tot Ion: 77 Resp: 91672

Ion Ratio Lower Upper

77 100

105 96.8 81.1 121.1

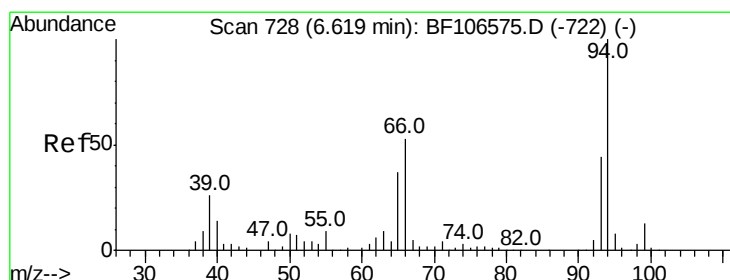
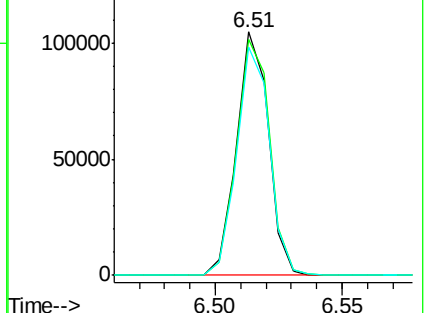
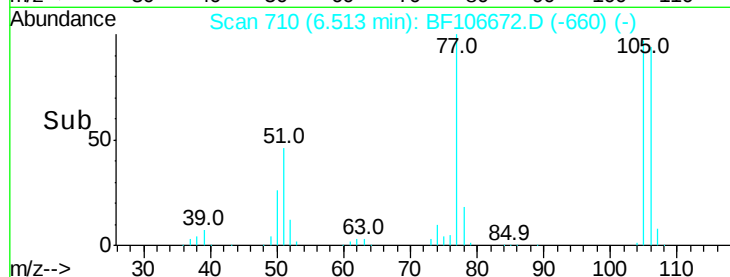
106 93.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.765 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

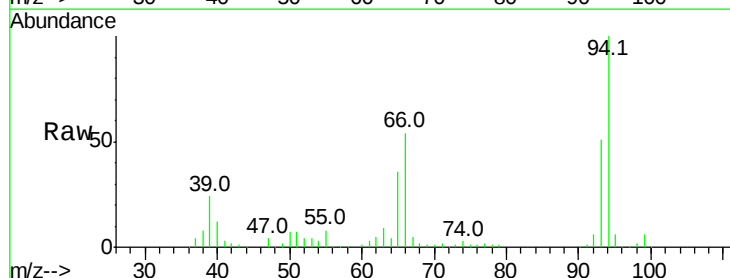
Tgt Ion: 94 Resp: 203354

Ion Ratio Lower Upper

94 100

65 36.3 7.9 47.9

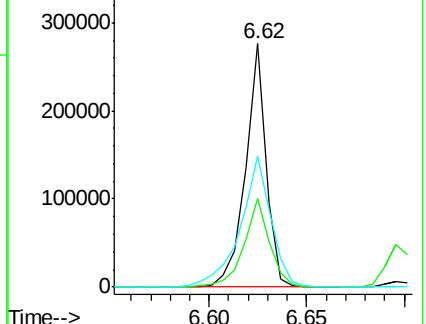
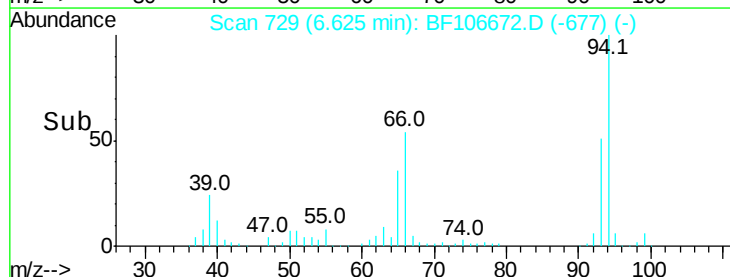
66 53.8 16.2 56.2

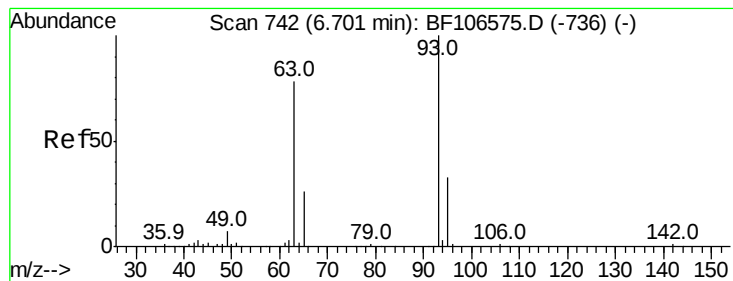


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.302 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

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BNA_F

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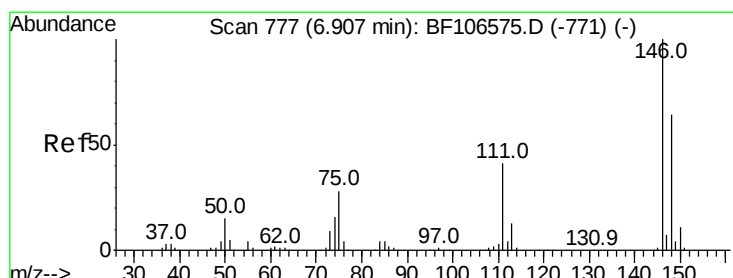
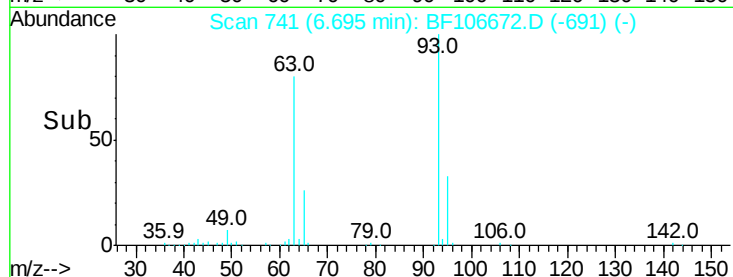
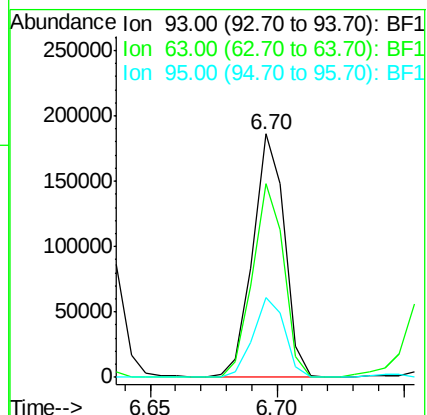
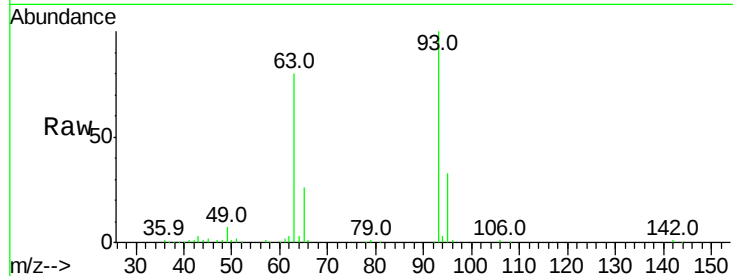
Tot Ion: 93 Resp: 161373

Ion Ratio Lower Upper

93 100

63 79.8 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.617 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

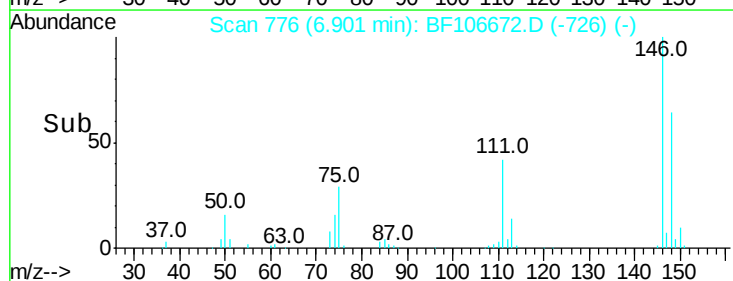
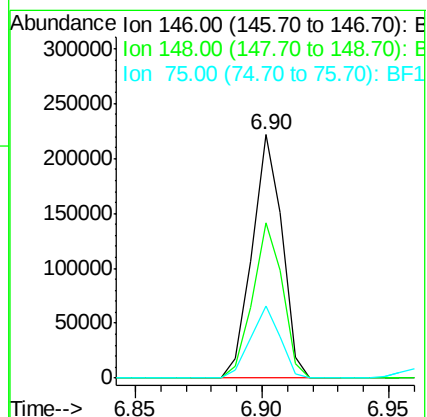
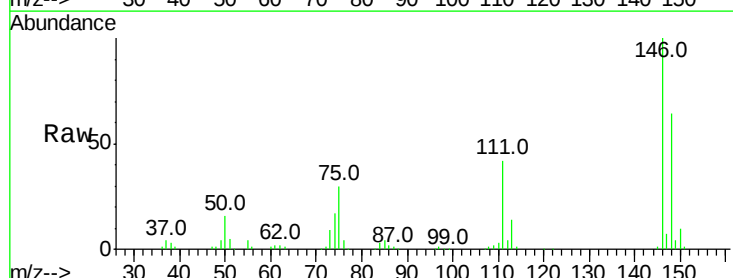
Tgt Ion: 146 Resp: 182578

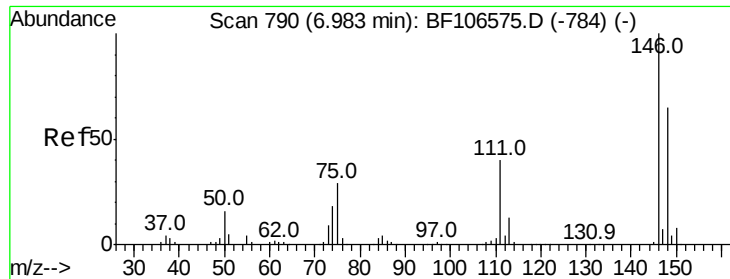
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 29.7 24.2 36.4

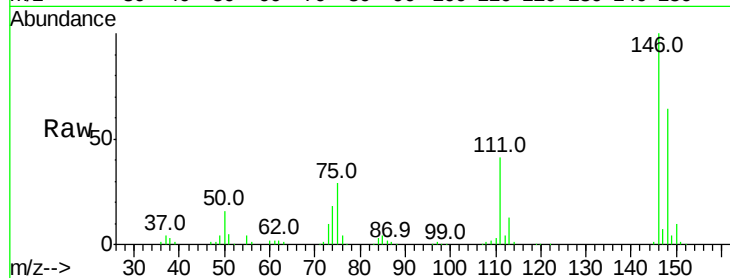




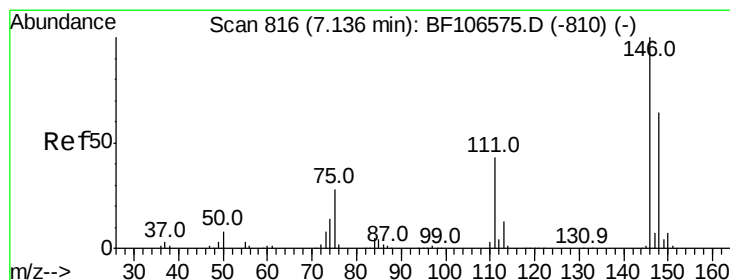
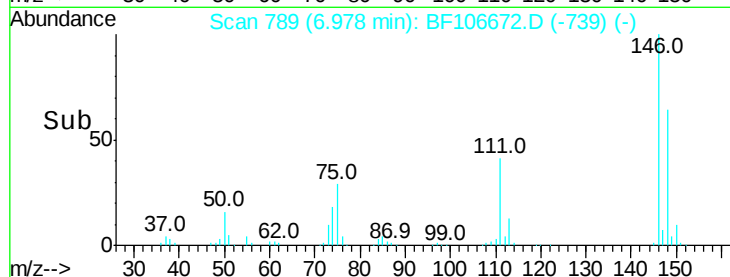
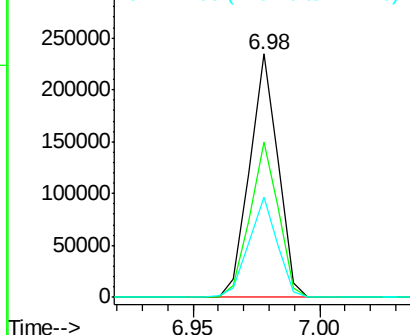
#13
 1,4-Dichlorobenzene
 Concen: 37.425 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:146 Resp: 183646
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.3 34.2 51.2

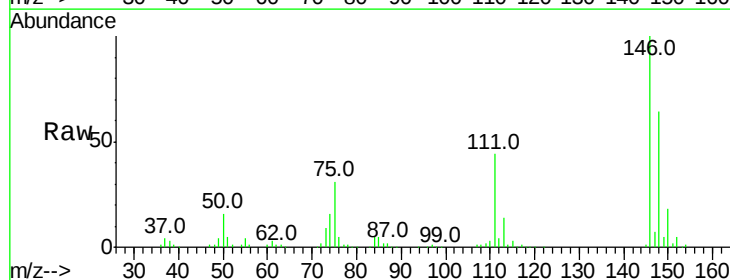


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

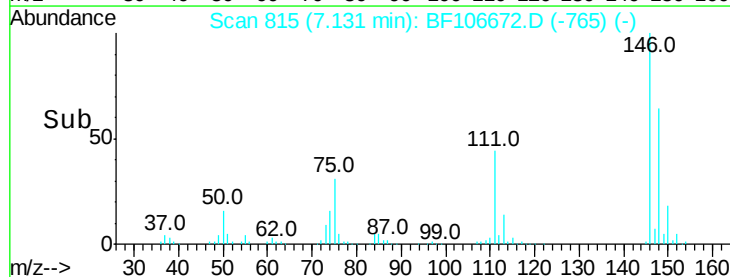
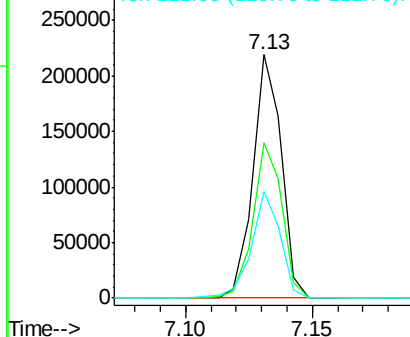


#14
 1,2-Dichlorobenzene
 Concen: 38.013 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:146 Resp: 170950
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.6 36.0 54.0



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

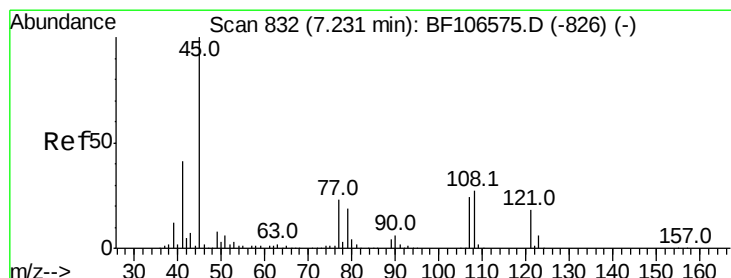
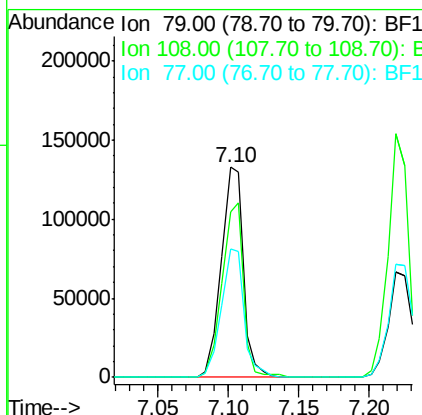
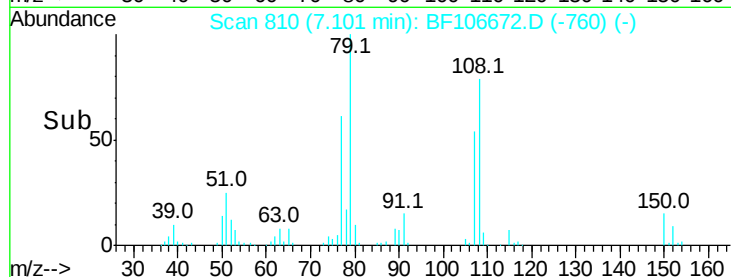
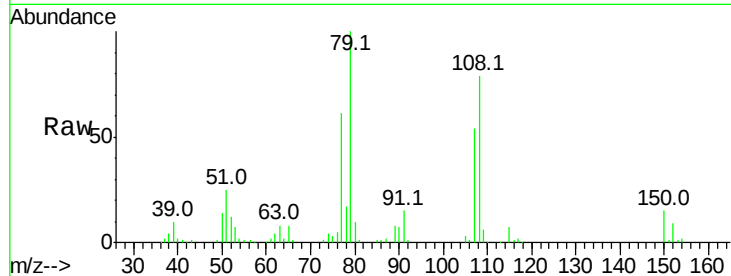




#15
Benzyl Alcohol
Concen: 38.252 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

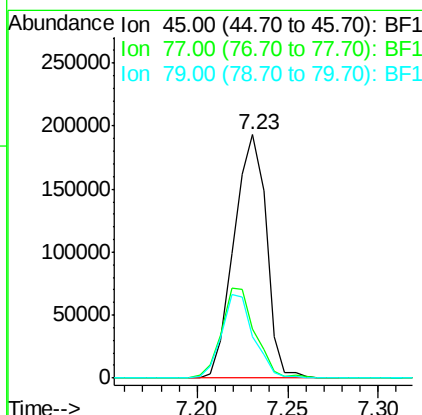
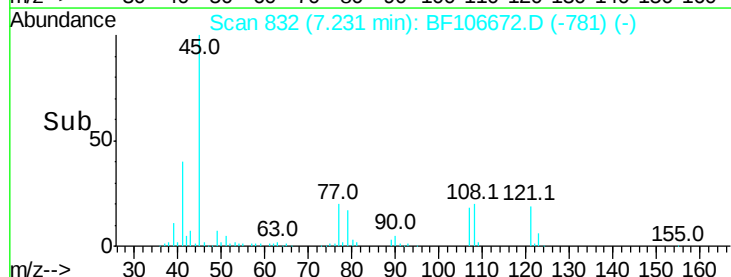
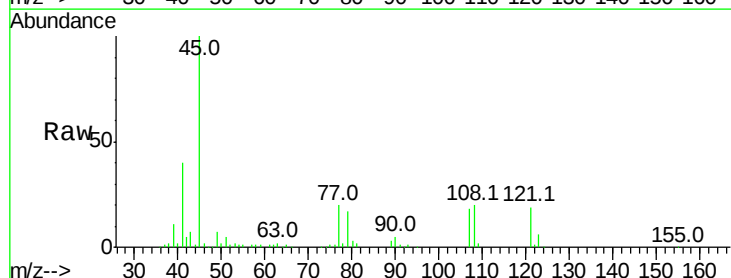
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

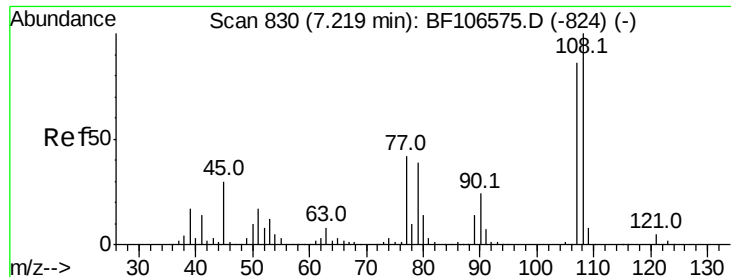
Tot Ion: 79 Resp: 144922
Ion Ratio Lower Upper
79 100
108 78.6 65.1 97.7
77 60.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.117 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion: 45 Resp: 239814
Ion Ratio Lower Upper
45 100
77 20.2 0.0 32.9
79 17.1 0.0 29.6





#17

2-Methylphenol

Concen: 38.824 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

Tot Ion:107 Resp: 137685

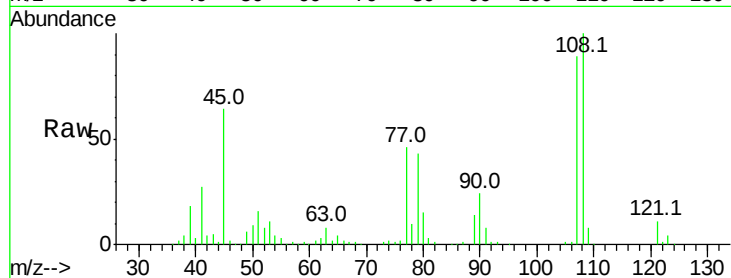
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 52.2 33.8 50.8#

79 48.7 33.8 50.8

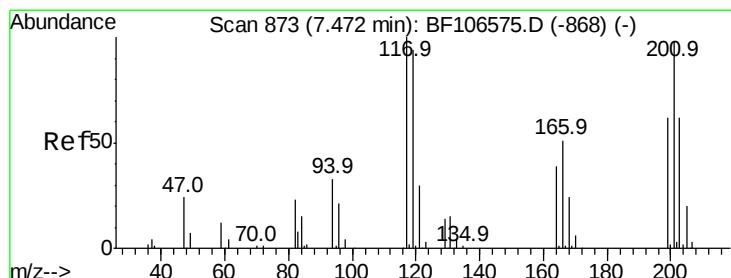
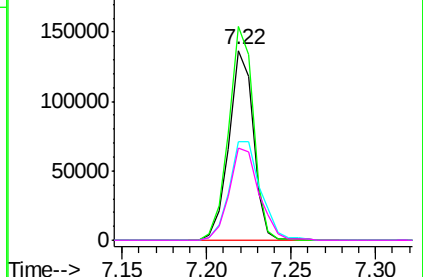
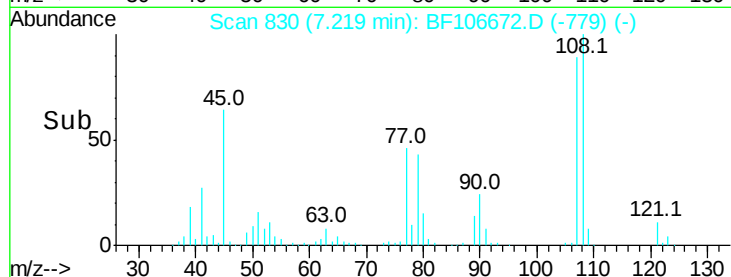


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.688 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

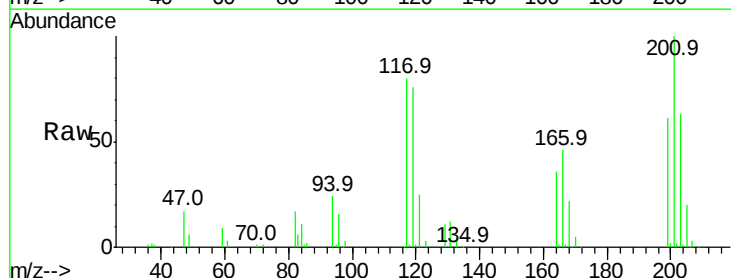
Tgt Ion:117 Resp: 63309

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

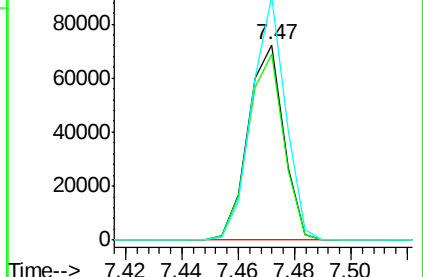
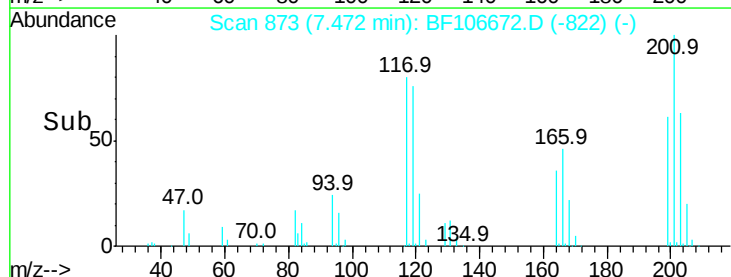
201 124.5 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

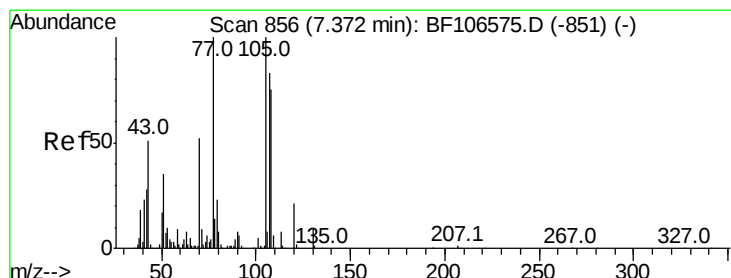
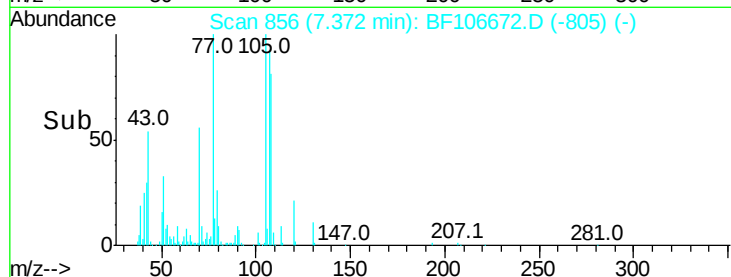
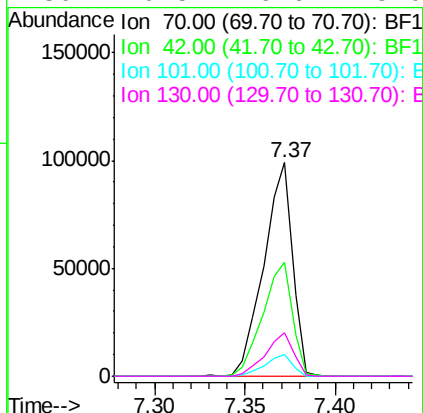
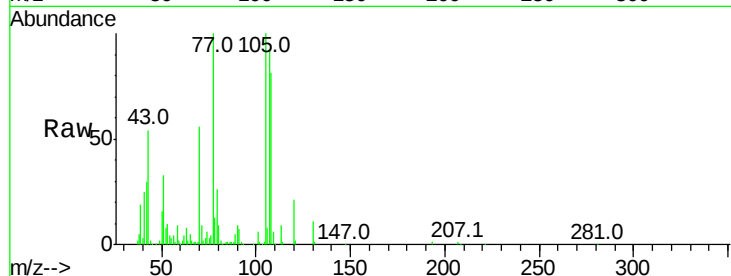




#19
n-Nitroso-di-n-propylamine
Concen: 35.022 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

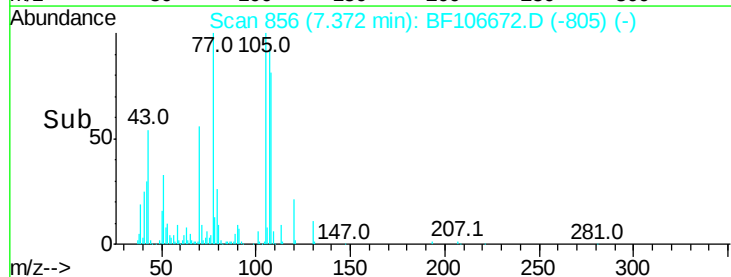
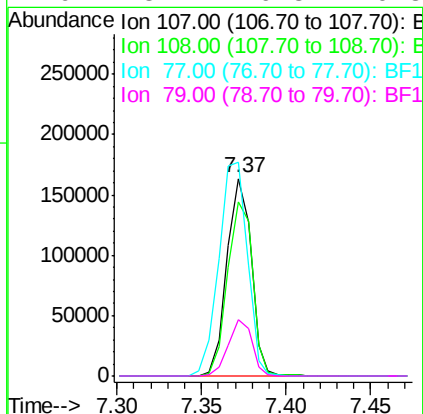
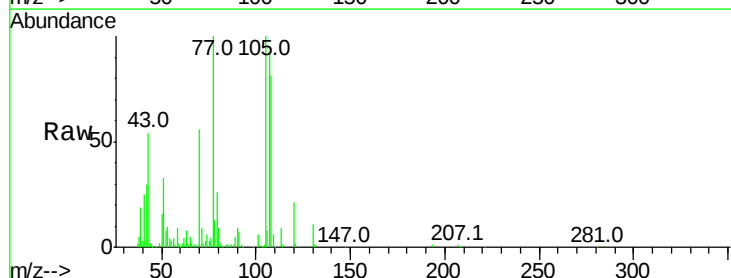
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

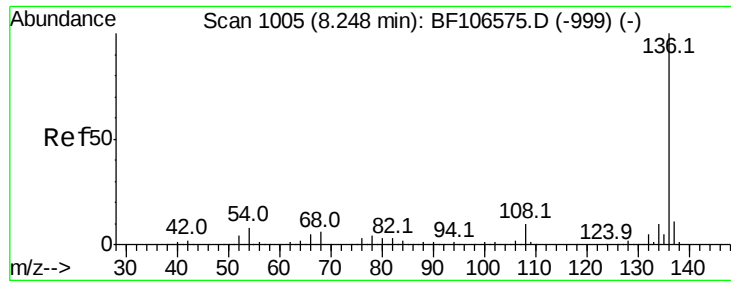
Tot Ion:	70	Resp:	108926
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	10.0	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.096 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:	107	Resp:	164099
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	108.1	26.7	66.7#
79	28.2	6.3	46.3

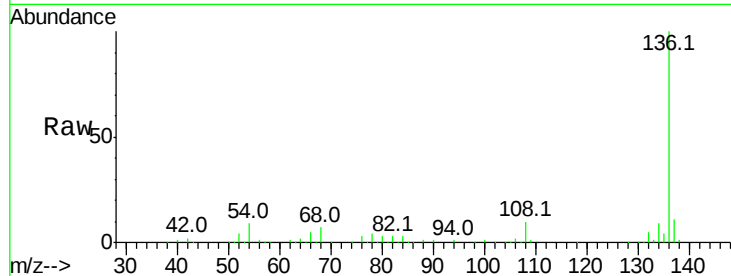




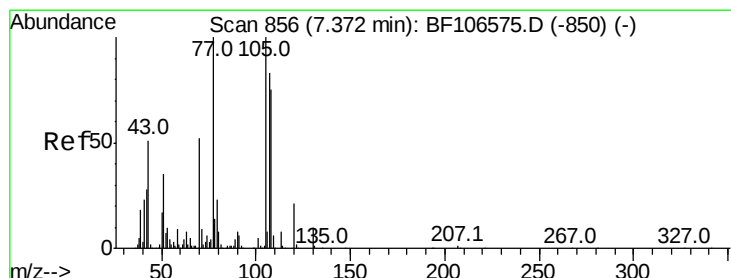
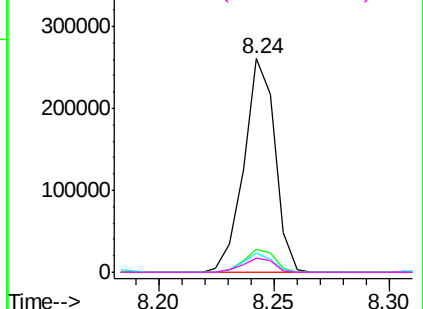
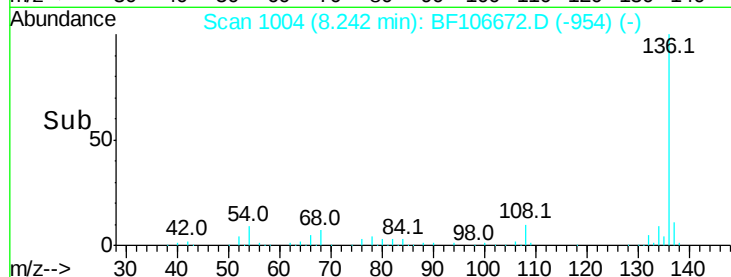
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

Tot Ion:136	Resp: 244879
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 9.2	6.6 9.8
68 6.8	5.0 7.4

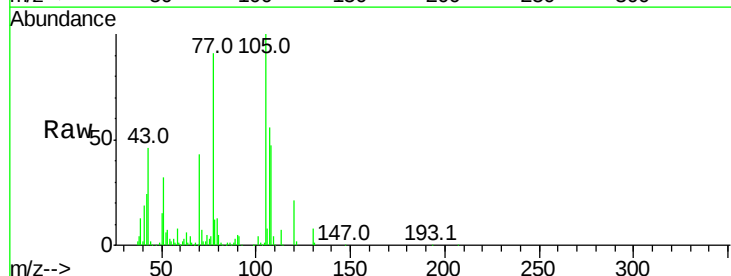


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

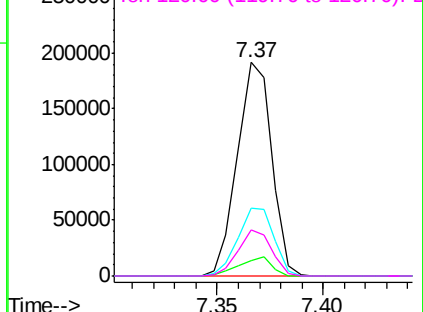
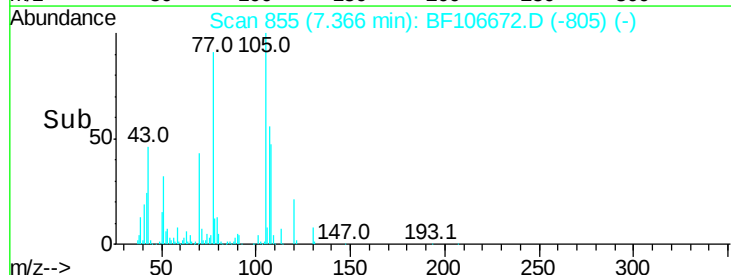


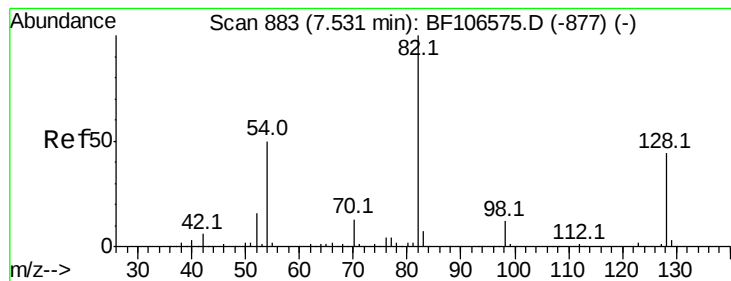
#22
Acetophenone
Concen: 39.493 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt	Ion:105	Resp:	216362
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	31.6	22.3	33.5
120	21.3	16.9	25.3



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: 93.434 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

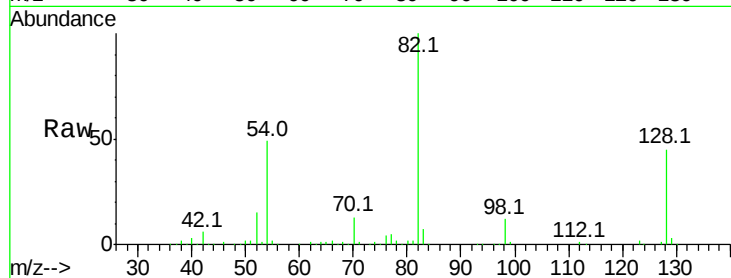
Tot Ion: 82 Resp: 411705

Ion Ratio Lower Upper

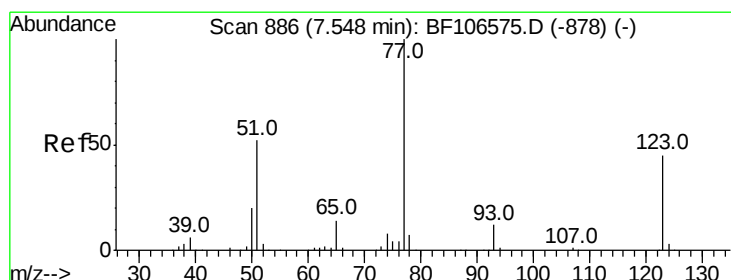
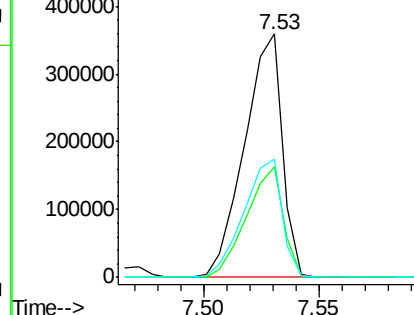
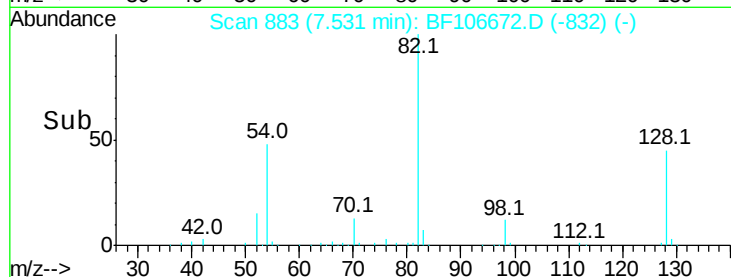
82 100

128 45.4 36.1 54.1

54 48.6 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.257 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

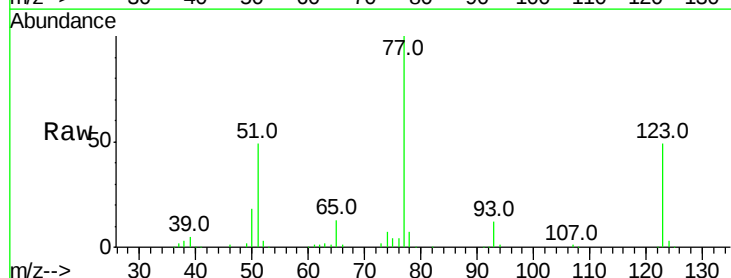
Tgt Ion: 77 Resp: 176609

Ion Ratio Lower Upper

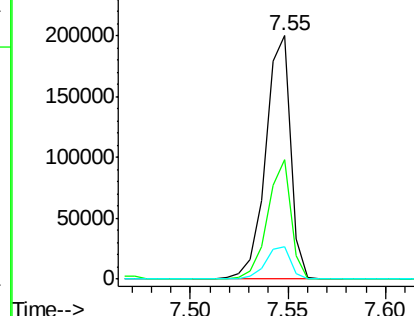
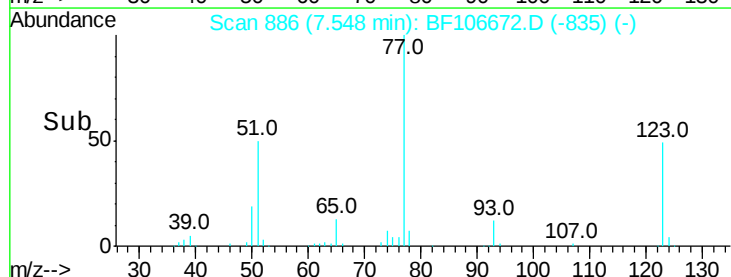
77 100

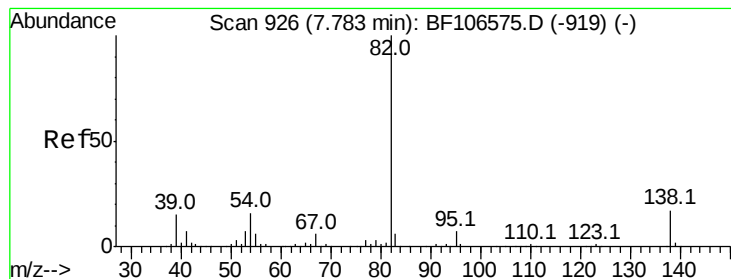
123 48.9 37.9 56.9

65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 42.174 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

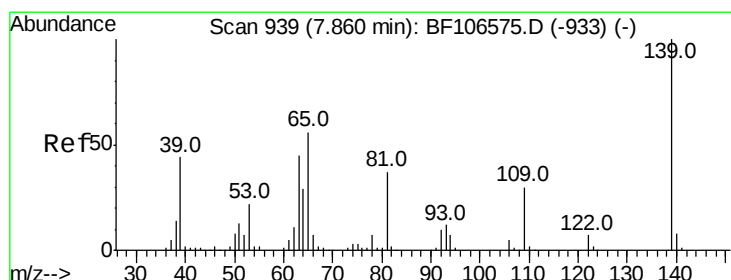
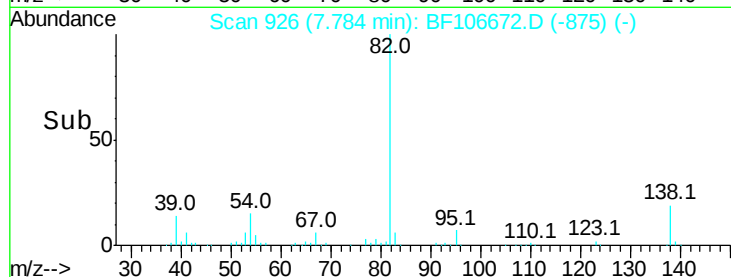
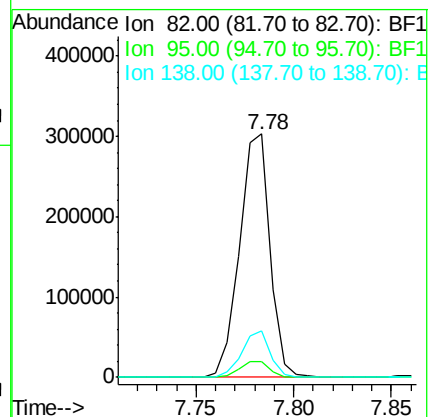
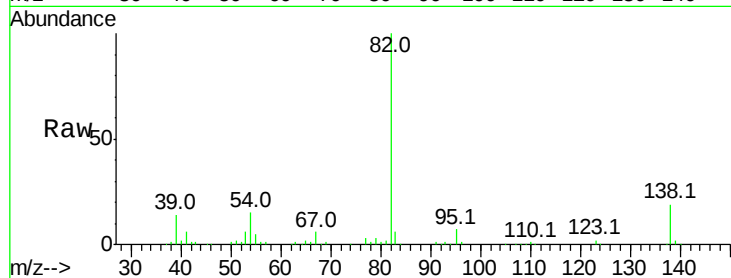
Tot Ion: 82 Resp: 327468

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 43.008 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

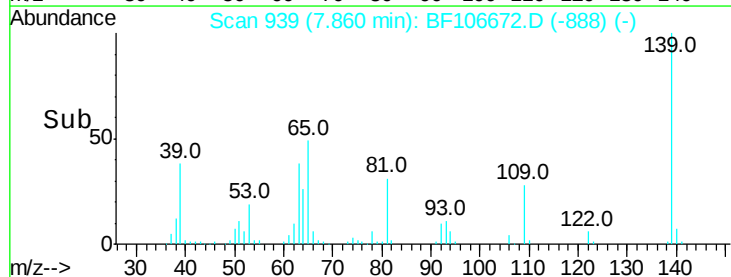
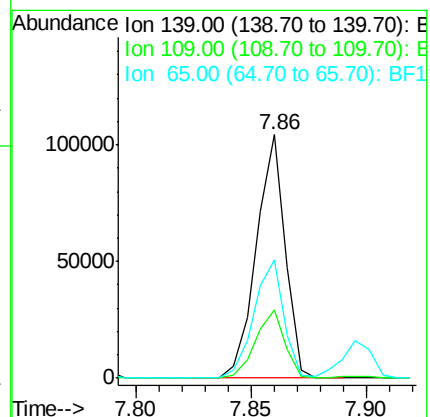
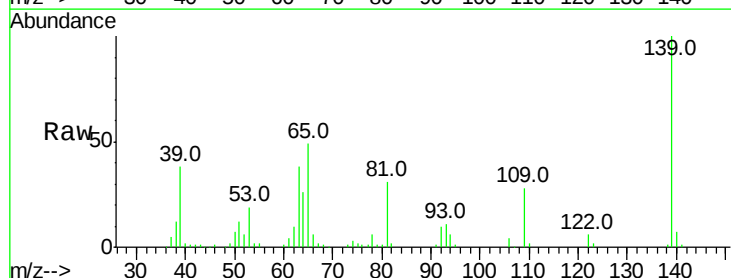
Tgt Ion:139 Resp: 91336

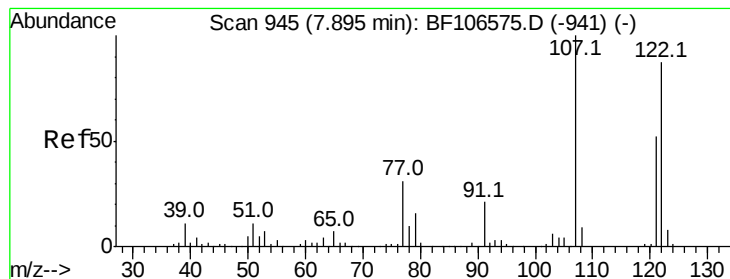
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 48.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.951 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

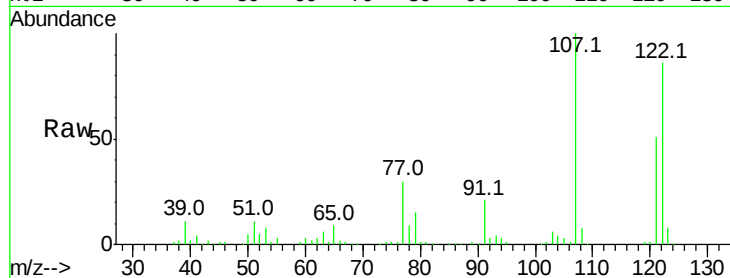
Tot Ion:122 Resp: 147552

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

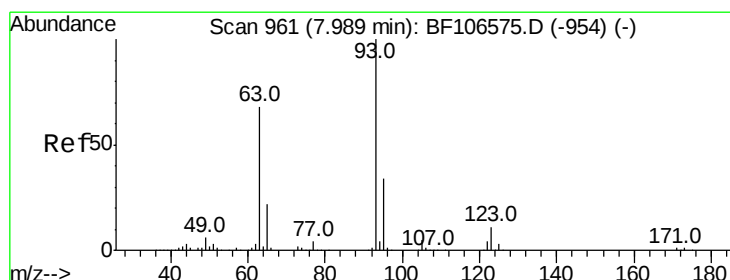
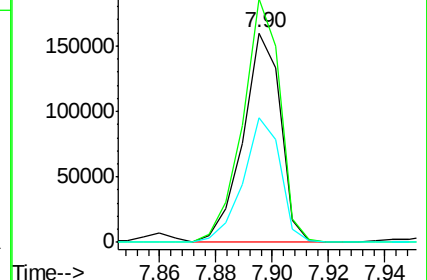
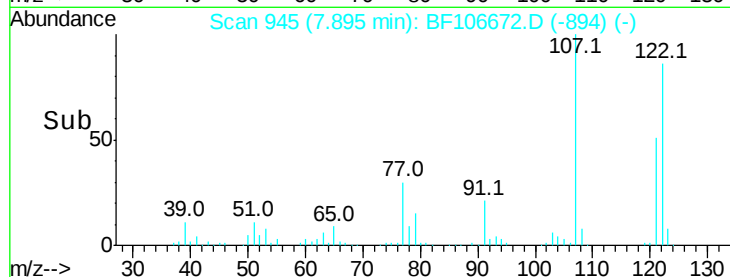
121 59.1 47.2 70.8



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: 39.910 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

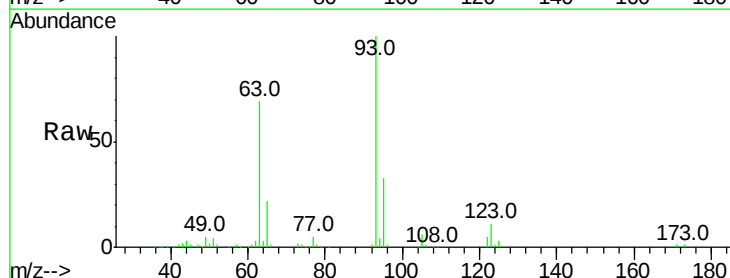
Tgt Ion: 93 Resp: 208067

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

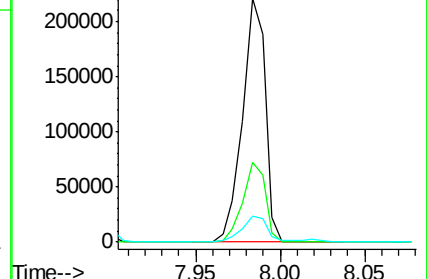
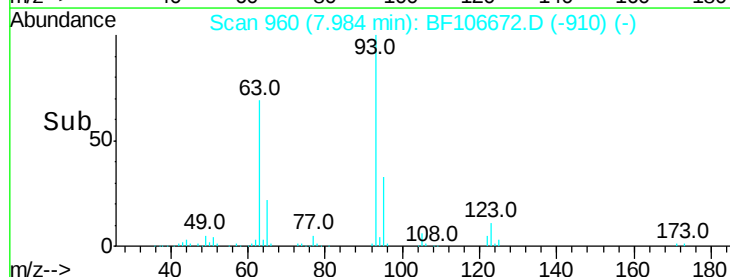
123 10.8 9.8 14.6

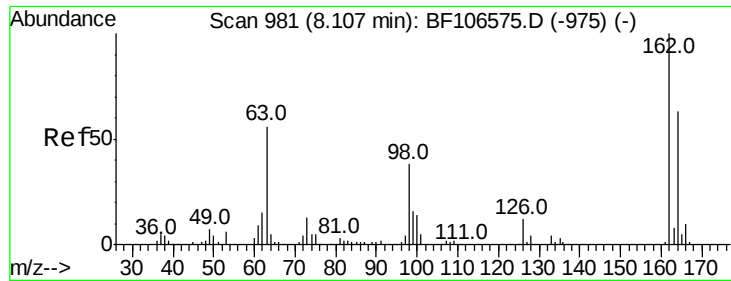


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

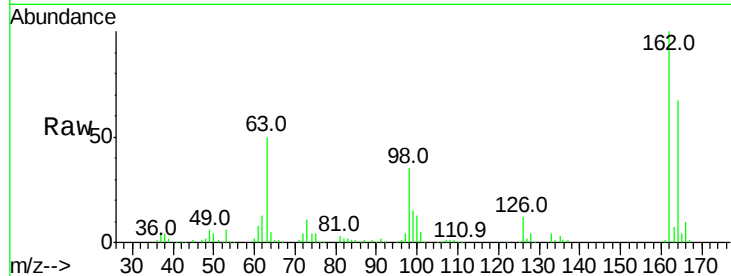




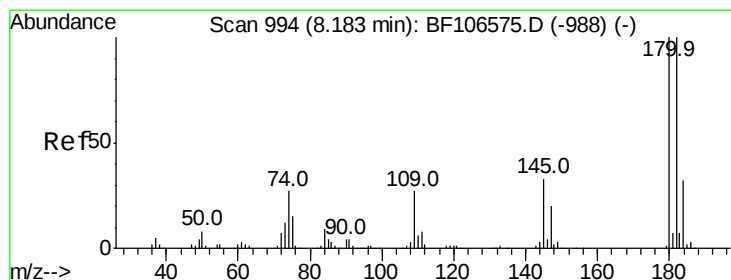
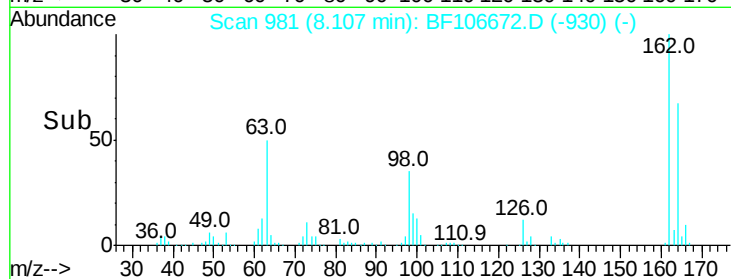
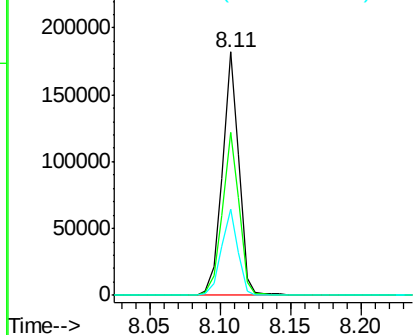
#29
 2,4-Dichlorophenol
 Concen: 43.308 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	42.7	82.7
98	35.3	18.1	58.1

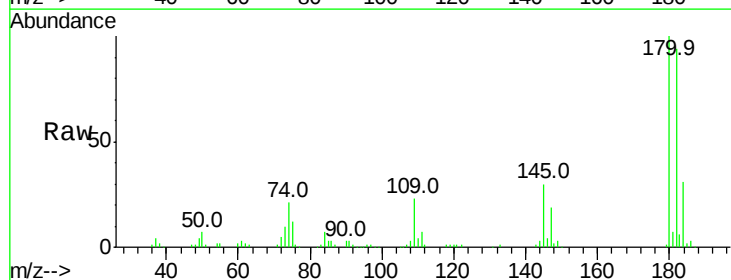


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

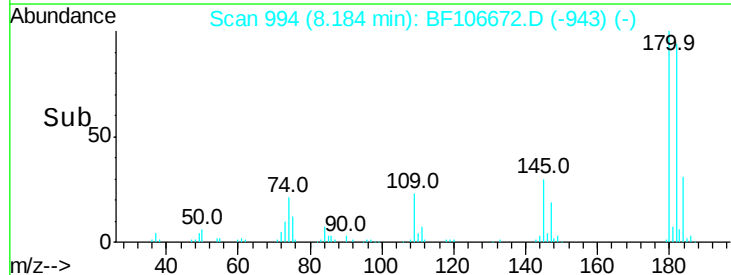
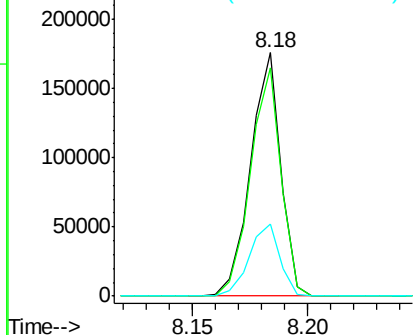


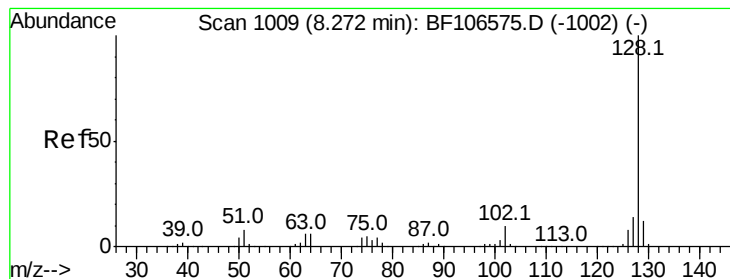
#30
 1,2,4-Trichlorobenzene
 Concen: 42.448 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.8	115.2
145	29.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.501 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

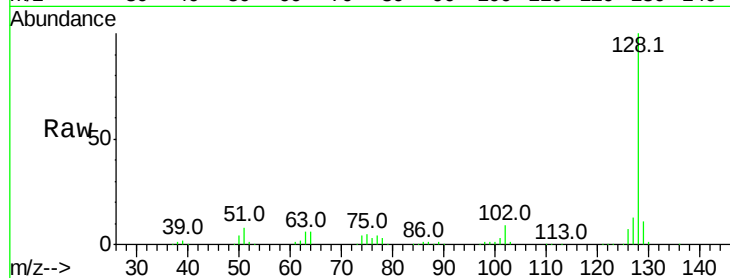
Tot Ion:128 Resp: 463694

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

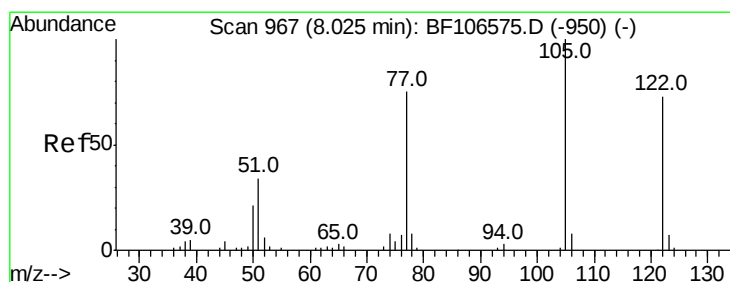
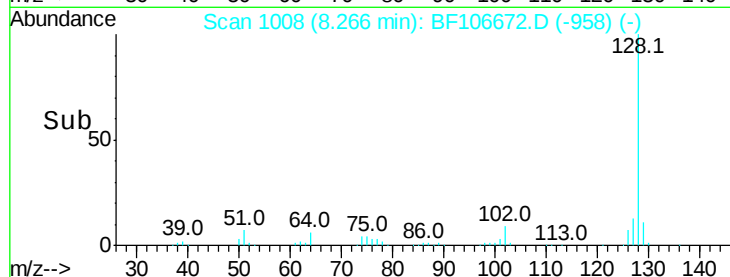
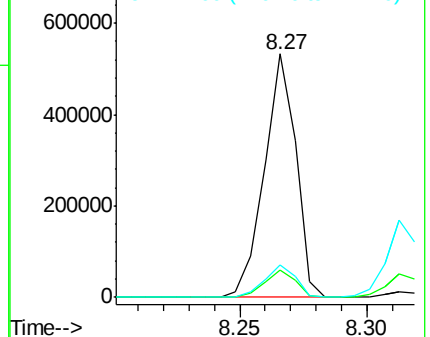
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.115 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

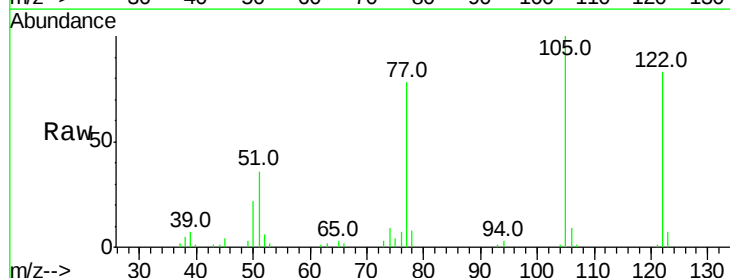
Tgt Ion:122 Resp: 66116

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

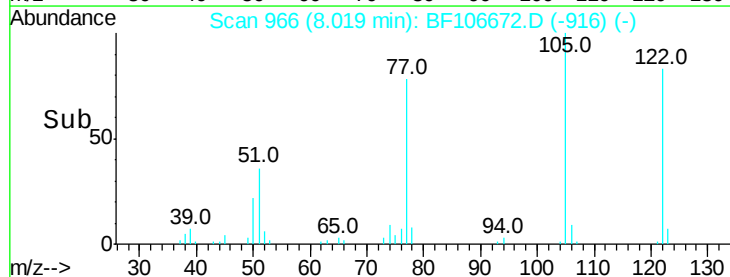
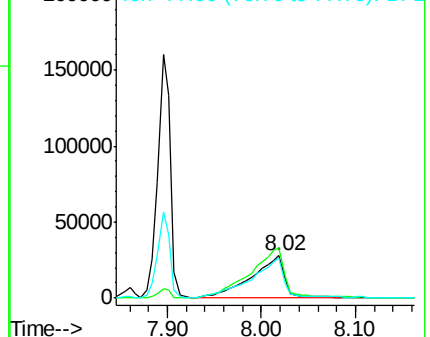
77 94.4 70.7 110.7

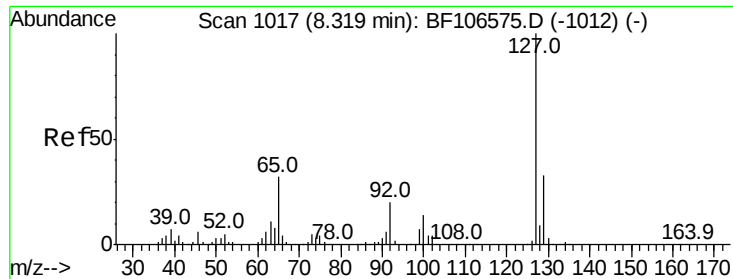


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

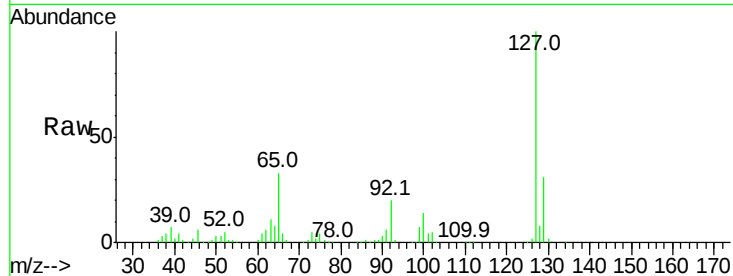




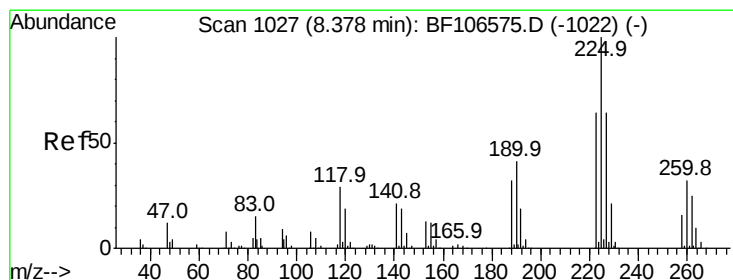
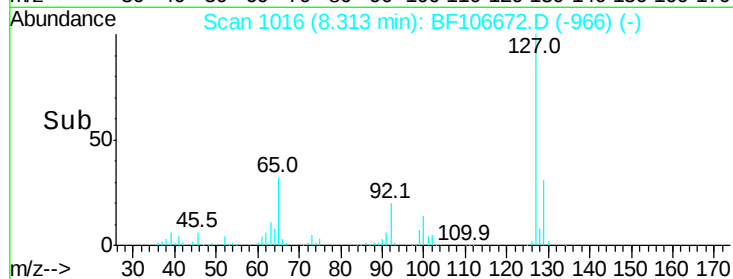
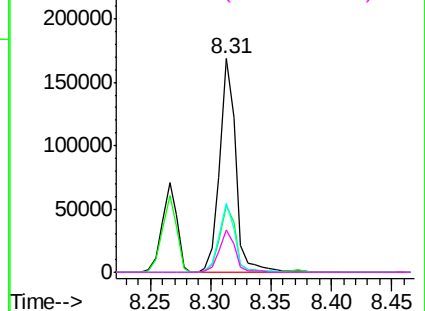
#33
4-Chloroaniline
Concen: 31.960 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

Tot Ion:	127	Resp:	153533
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	32.6	25.0	37.4
92	19.7	15.2	22.8

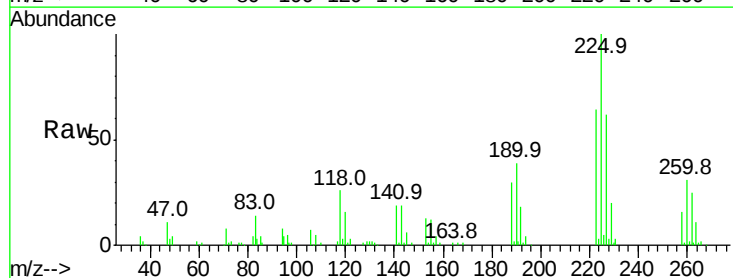


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

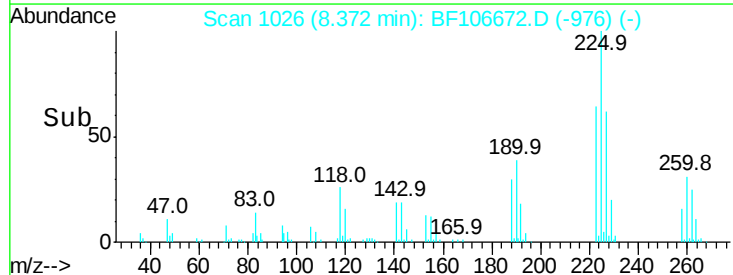
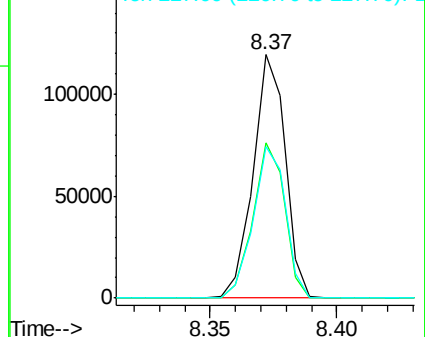


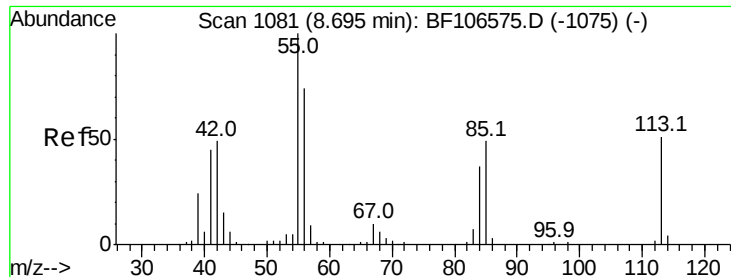
#34
Hexachlorobutadiene
Concen: 42.940 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:	225	Resp:	105925
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.2	51.9	77.9



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: 41.583 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

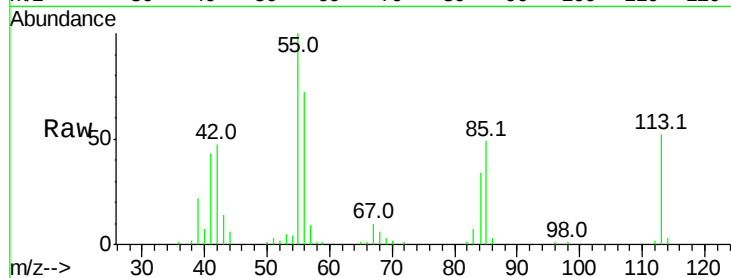
Tot Ion:113 Resp: 46582

Ion Ratio Lower Upper

113 100

55 190.9 163.3 203.3

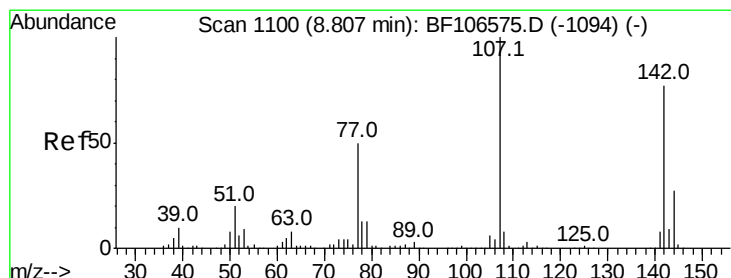
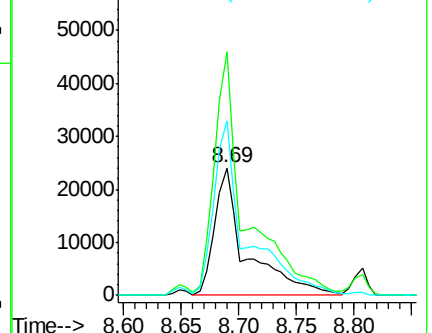
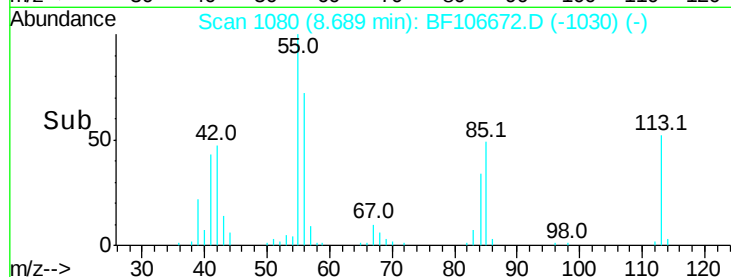
56 136.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.523 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

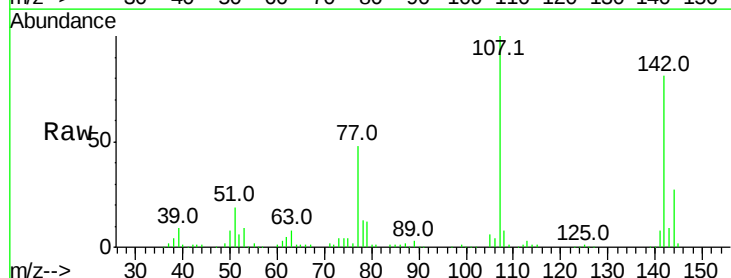
Tgt Ion:107 Resp: 153815

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

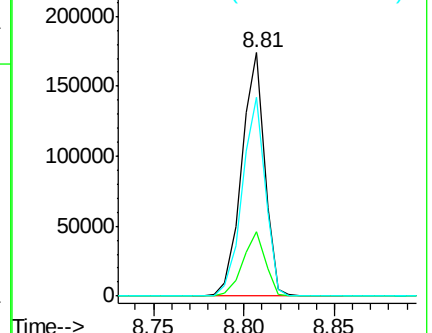
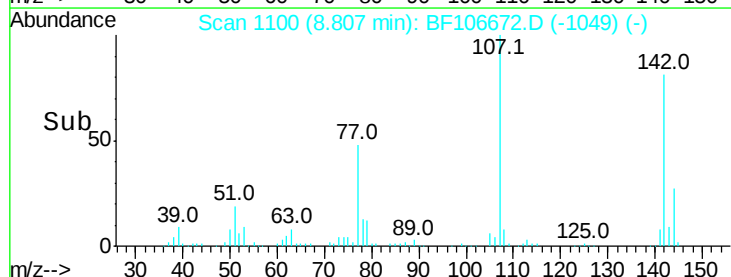
142 81.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

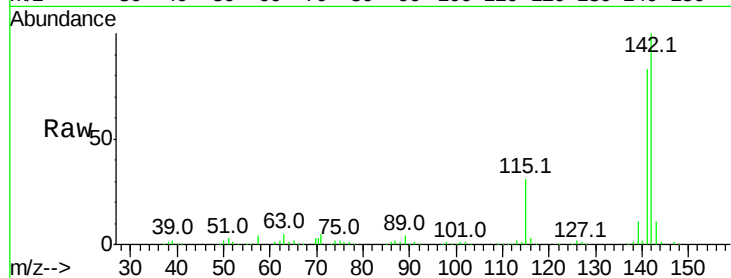




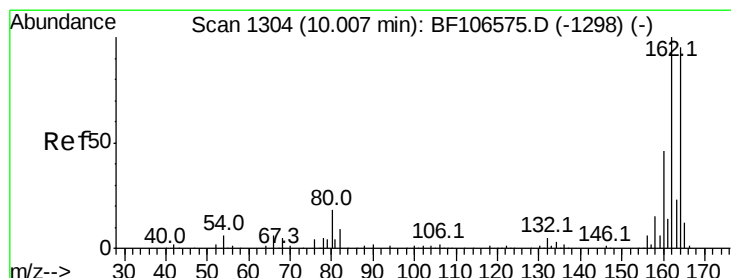
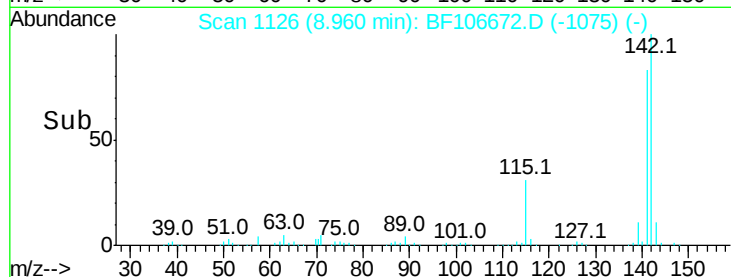
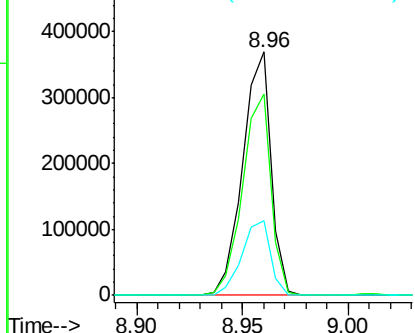
#37
2-Methylnaphthalene
Concen: 45.263 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.9	70.8	106.2
115	30.8	26.1	39.1

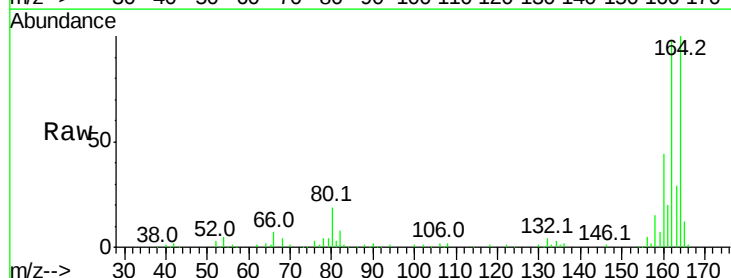


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

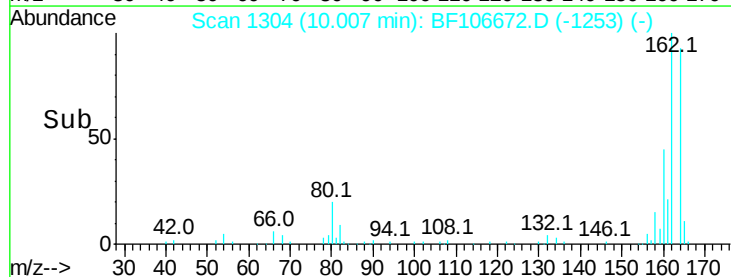
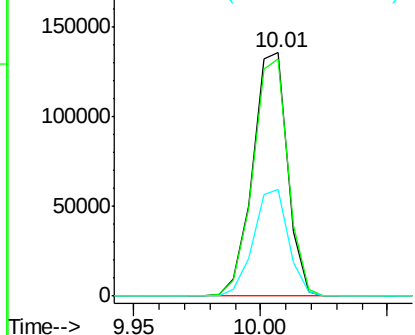


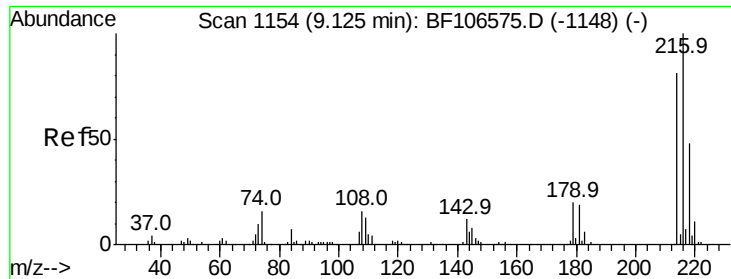
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	86.1	129.1
160	44.0	38.3	57.5



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

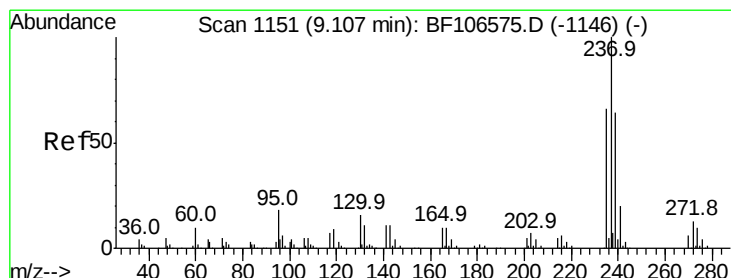
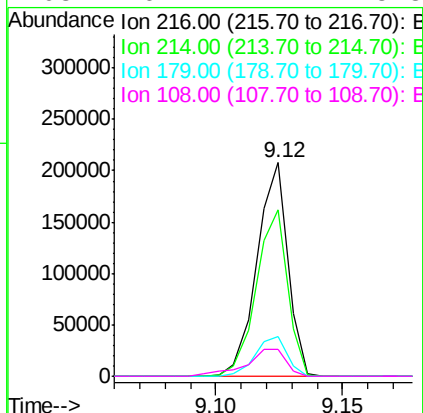
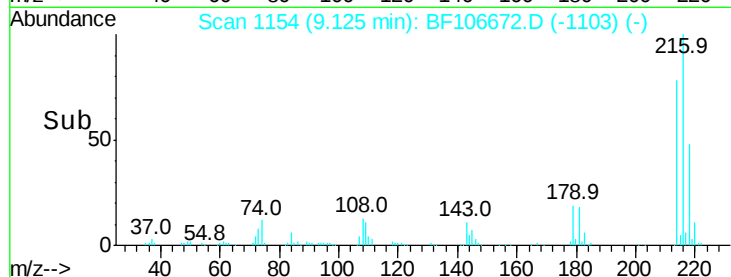
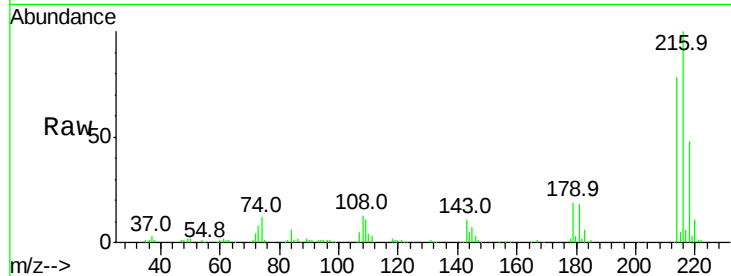




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.756 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

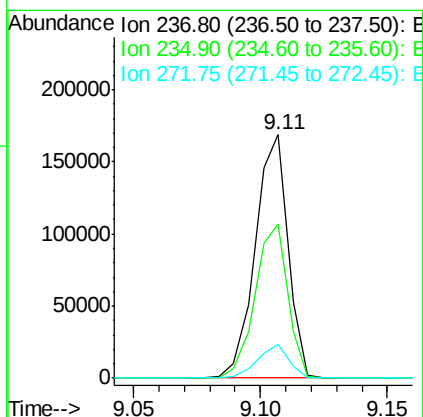
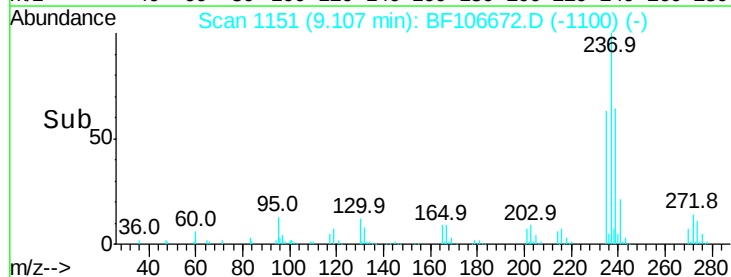
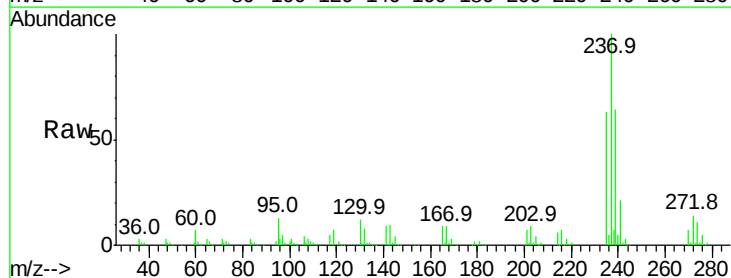
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

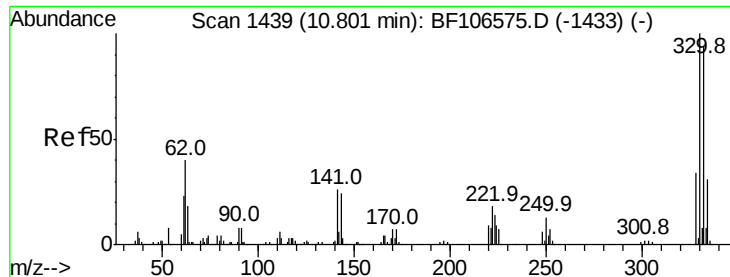
Tot Ion:	216	Resp:	177531
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.2	18.1	27.1
108	16.1	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 67.866 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:	237	Resp:	152098
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.8	0.0	33.3

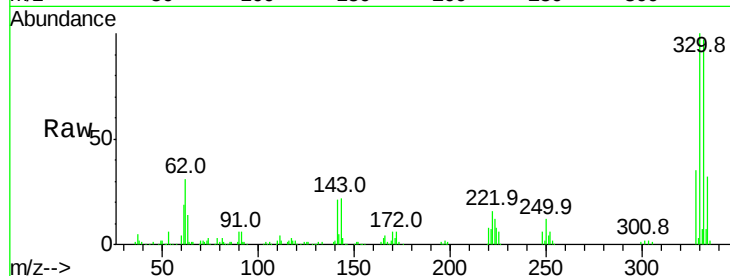




#41
 2,4,6-Tribromophenol
 Concen: 146.615 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	22.6	29.9	44.9#

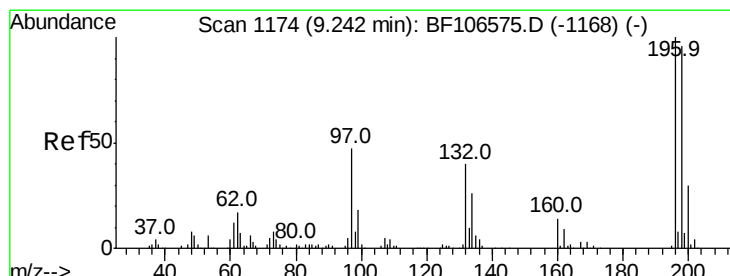
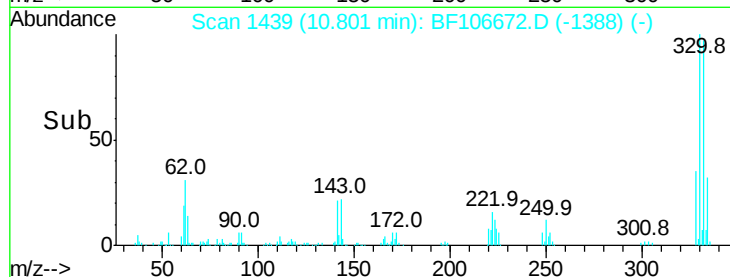
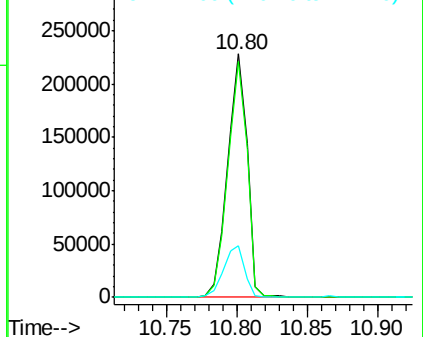


Abundance

Ion 329.80 (329.50 to 330.50): E

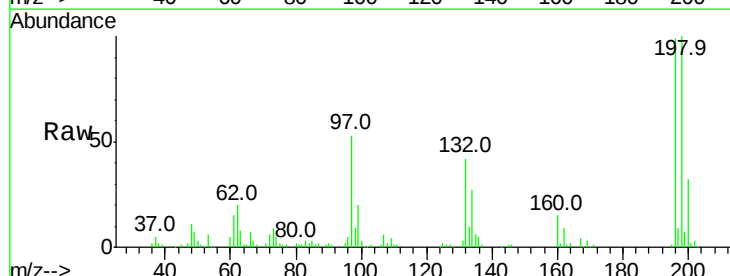
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.379 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	75.7	113.5
200	31.7	24.5	36.7

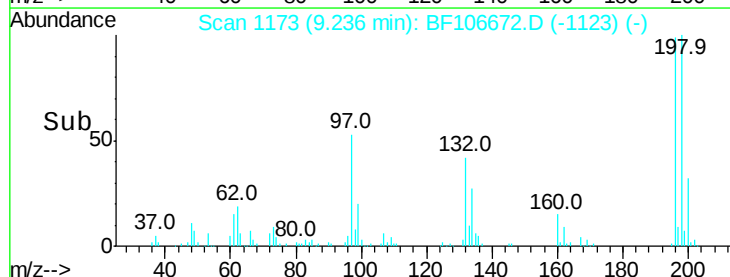
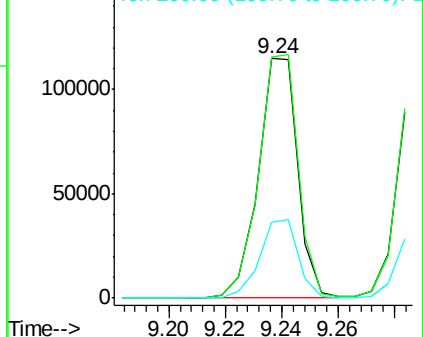


Abundance

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

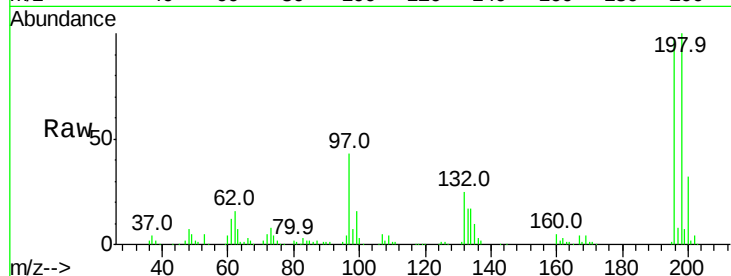




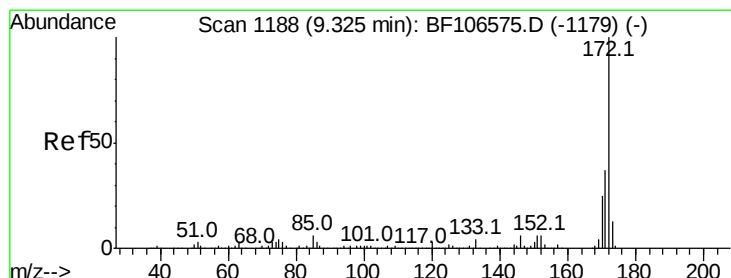
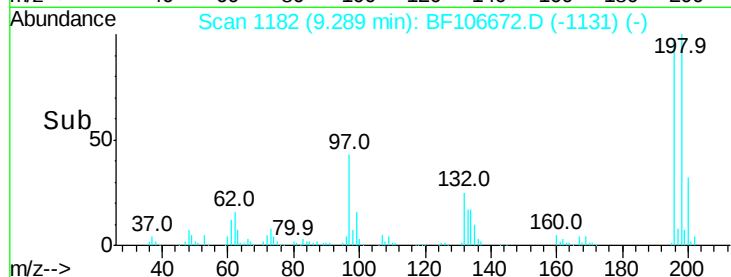
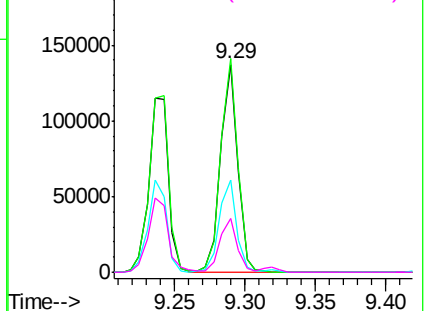
#43
 2,4,5-Trichlorophenol
 Concen: 38.616 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:196 Resp: 116672
 Ion Ratio Lower Upper
 196 100
 198 102.9 74.6 112.0
 97 44.5 42.9 64.3
 132 26.0 26.3 39.5#

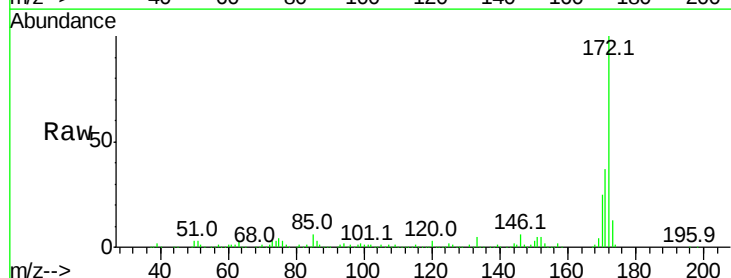


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

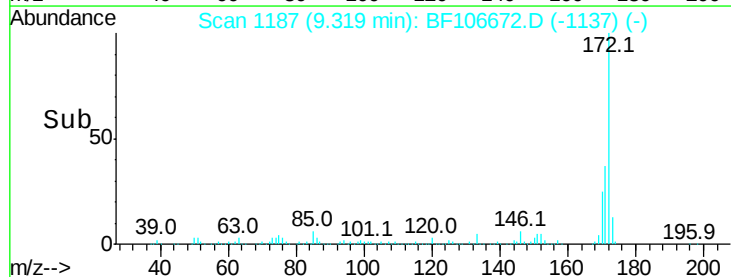
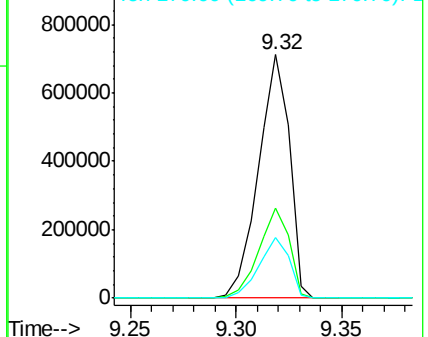


#44
 2-Fluorobiphenyl
 Concen: 96.862 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:172 Resp: 724468
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.9 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 39.634 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

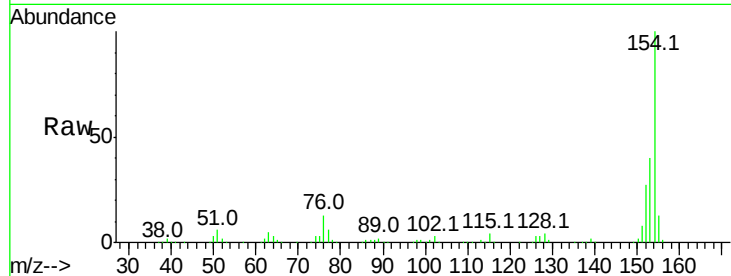
Tot Ion:154 Resp: 408557

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

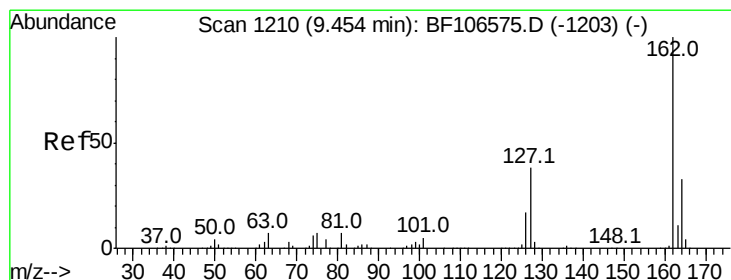
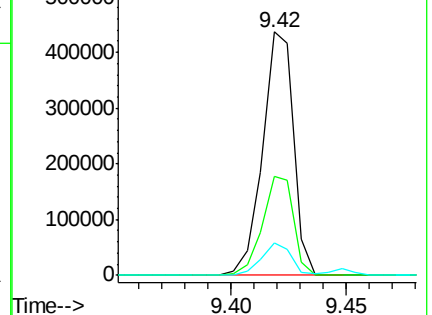
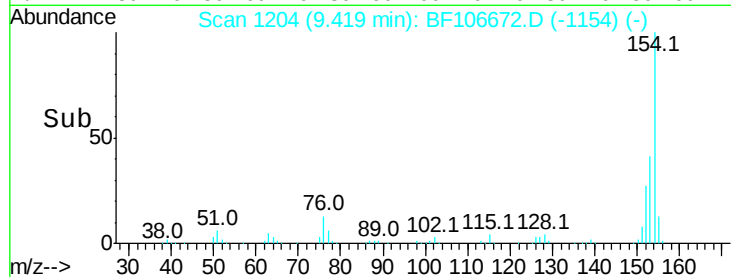
76 13.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 37.449 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

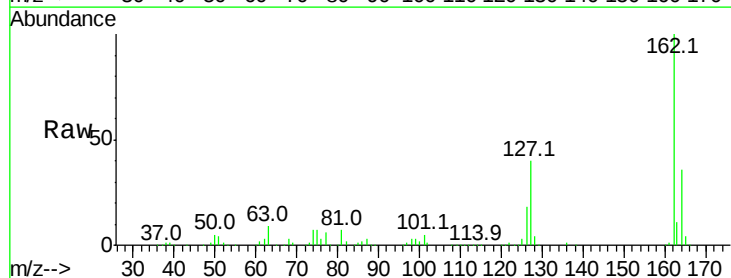
Tgt Ion:162 Resp: 303863

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

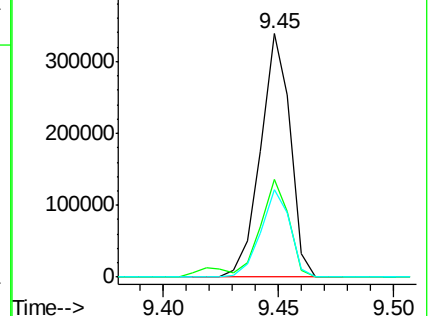
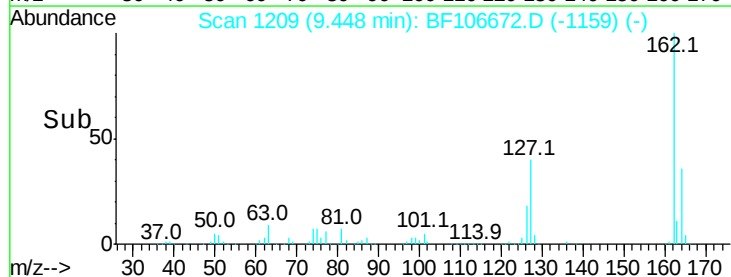
164 35.9 26.5 39.7

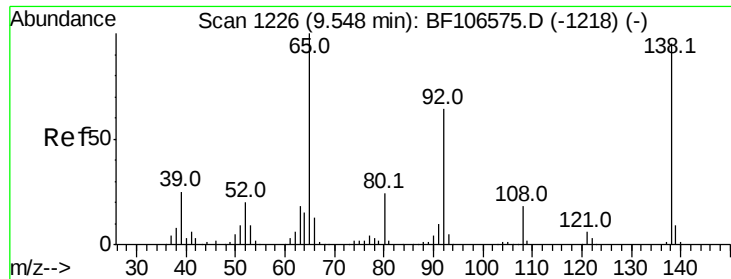


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

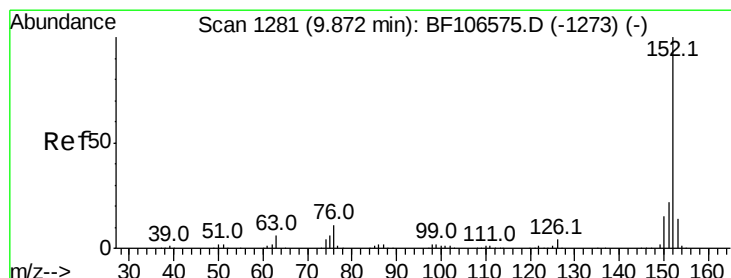
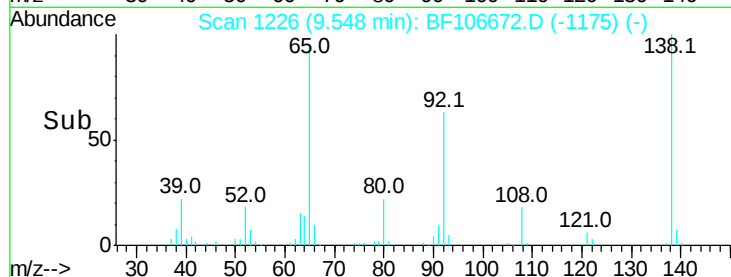
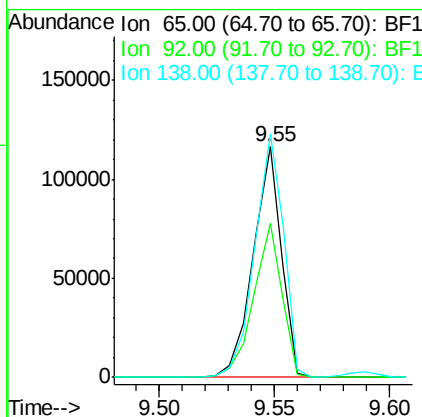
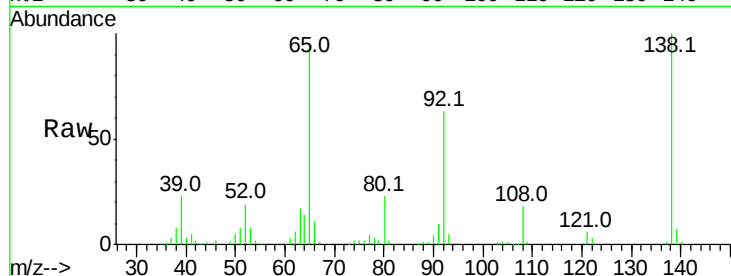




#47
2-Nitroaniline
Concen: 36.385 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

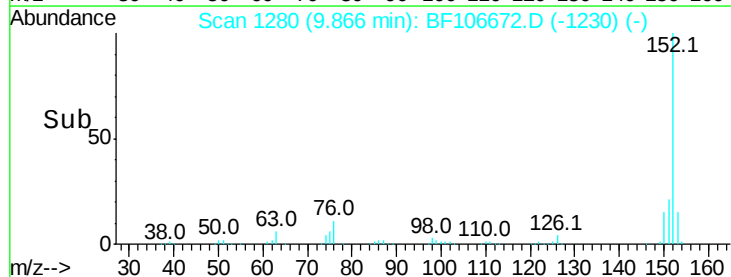
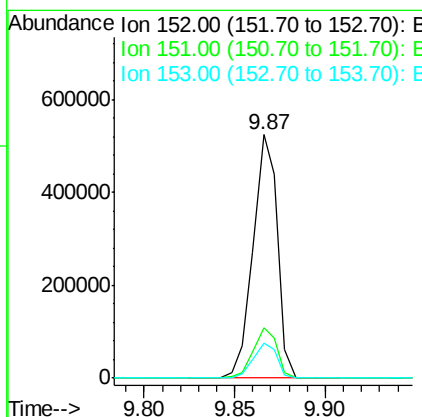
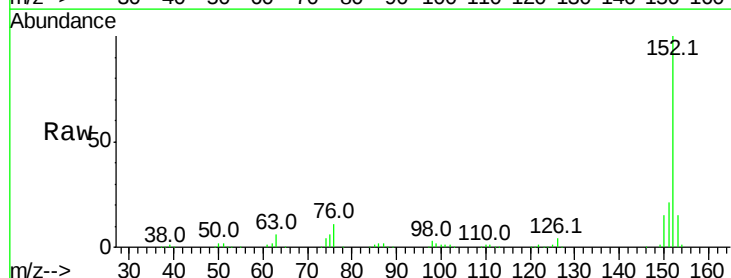
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

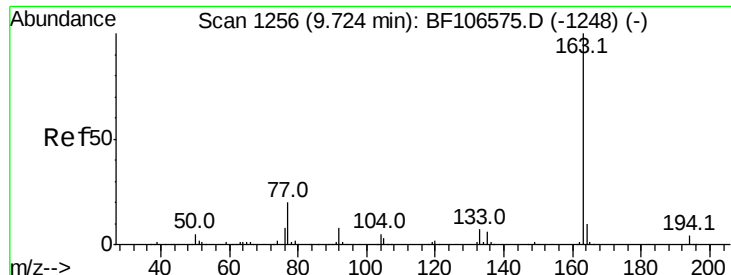
Tot Ion: 65 Resp: 99278
Ion Ratio Lower Upper
65 100
92 67.1 55.8 83.6
138 105.7 91.2 136.8



#48
Acenaphthylene
Concen: 38.100 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion: 152 Resp: 488089
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 10.7 16.1





#49

Dimethylphthalate

Concen: 46.864 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

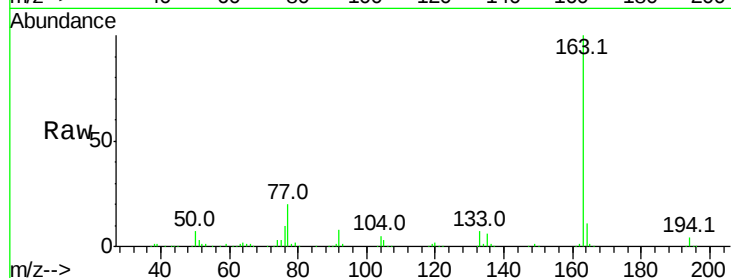
Tot Ion:163 Resp: 454634

Ion Ratio Lower Upper

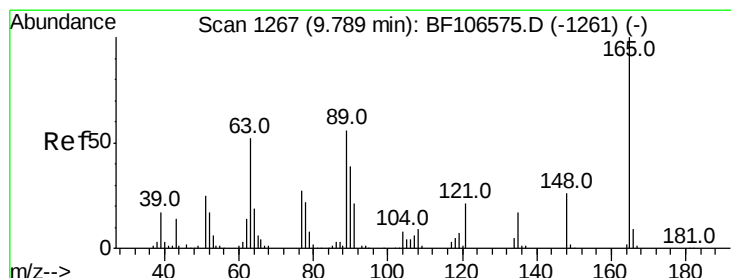
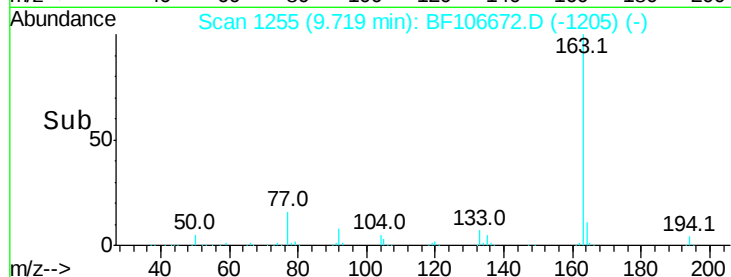
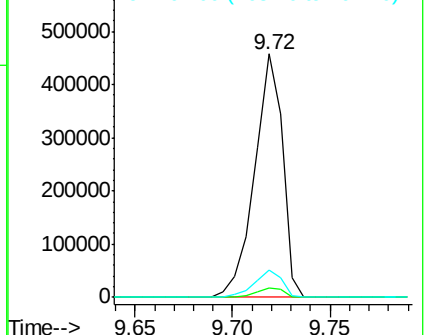
163 100

194 4.0 2.7 4.1

164 11.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.394 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

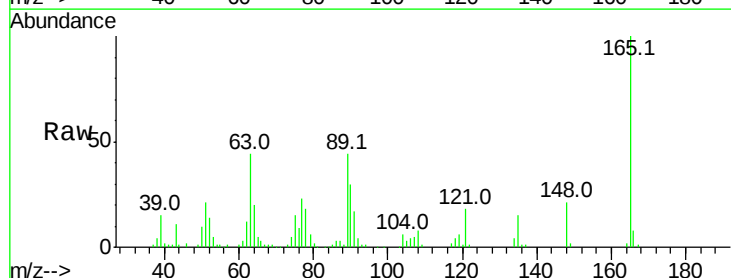
Tgt Ion:165 Resp: 87088

Ion Ratio Lower Upper

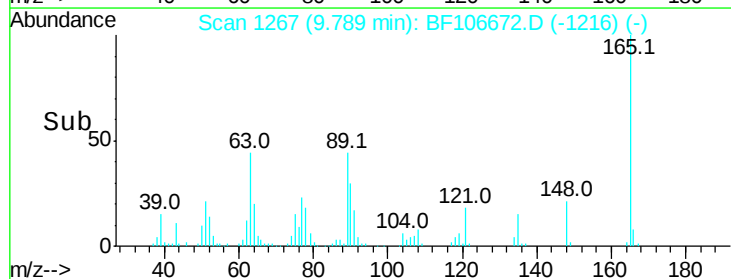
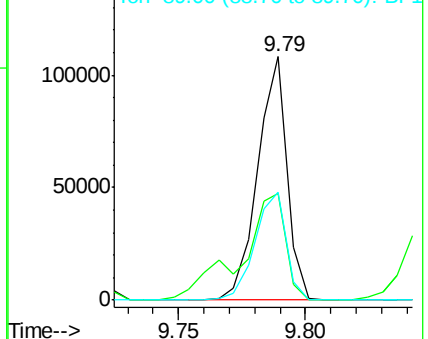
165 100

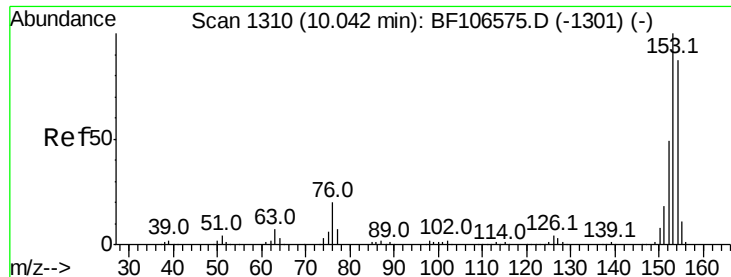
63 43.9 44.7 67.1#

89 44.4 44.0 66.0



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





#51

Acenaphthene

Concen: 36.055 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

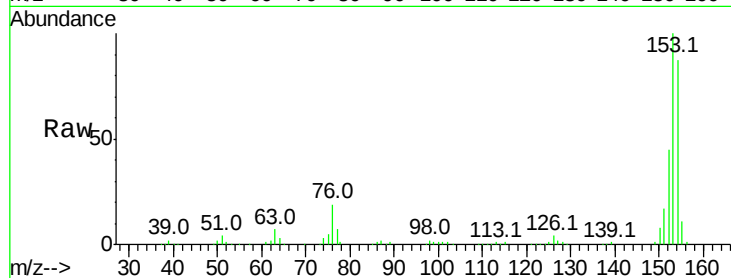
Tot Ion:154 Resp: 290858

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

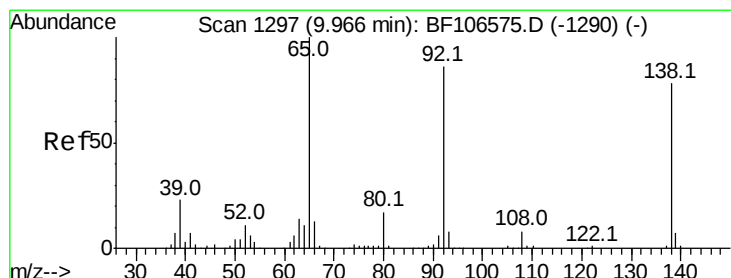
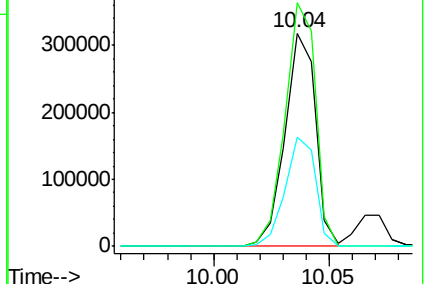
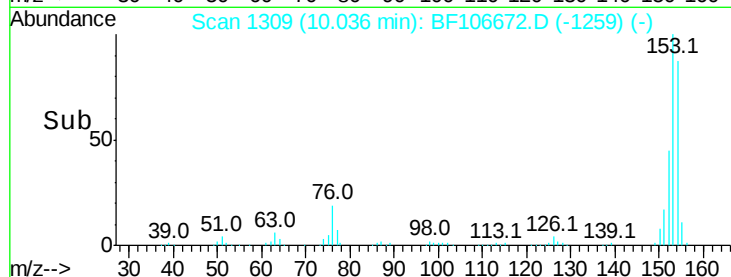
152 51.1 43.8 65.8



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



#52

3-Nitroaniline

Concen: 31.574 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

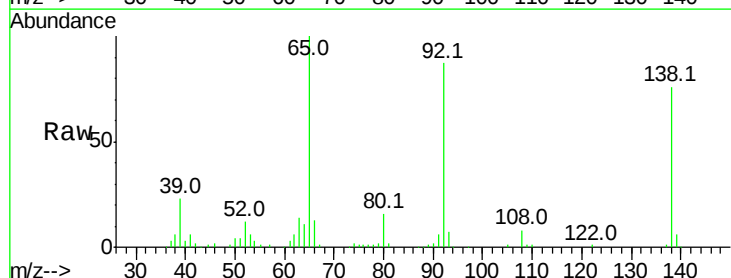
Tgt Ion:138 Resp: 74637

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

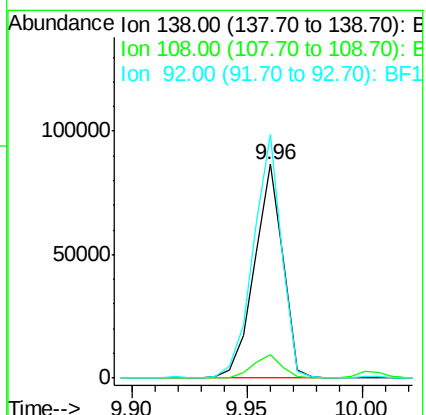
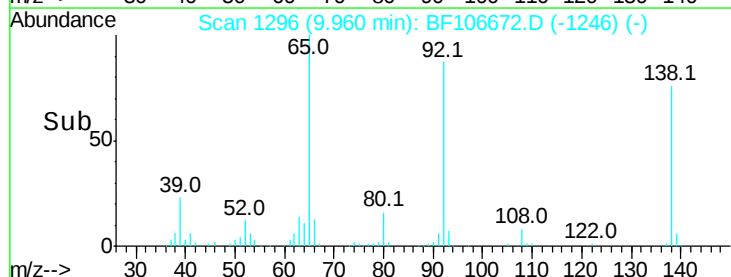
92 113.7 89.4 134.2

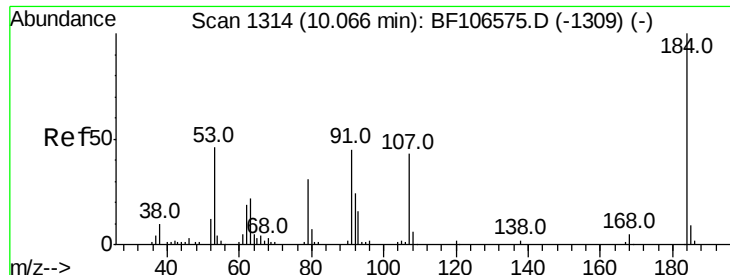


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

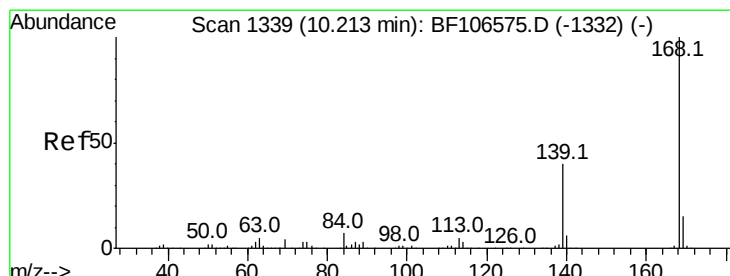
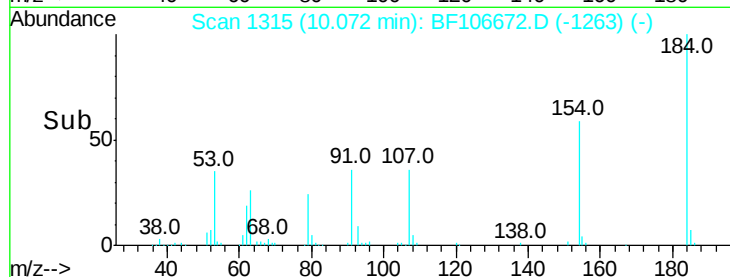
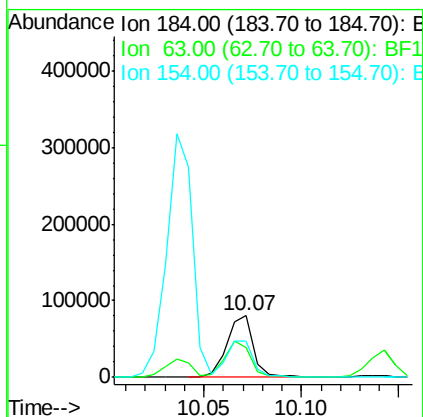
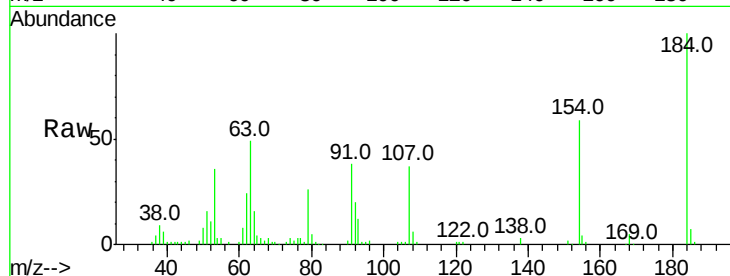




#53
 2,4-Dinitrophenol
 Concen: 71.922 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

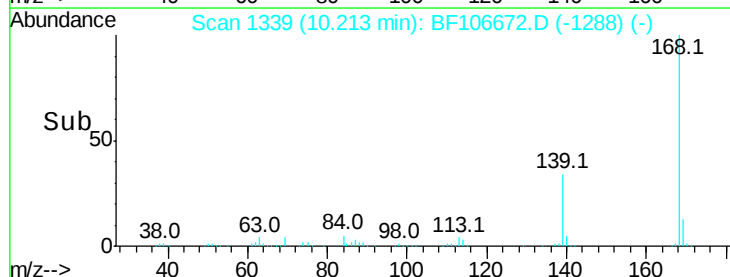
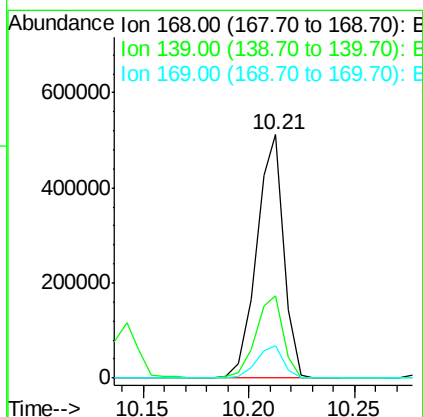
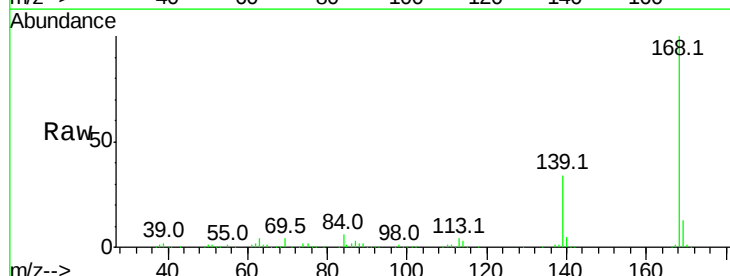
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:184 Resp: 76199
 Ion Ratio Lower Upper
 184 100
 63 48.6 54.2 81.2#
 154 59.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.157 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:168 Resp: 454624
 Ion Ratio Lower Upper
 168 100
 139 33.7 30.1 45.1
 169 13.3 10.9 16.3

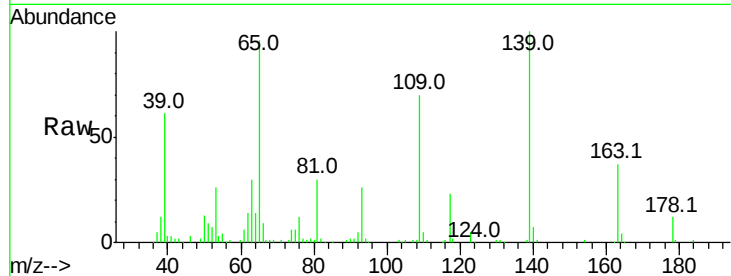




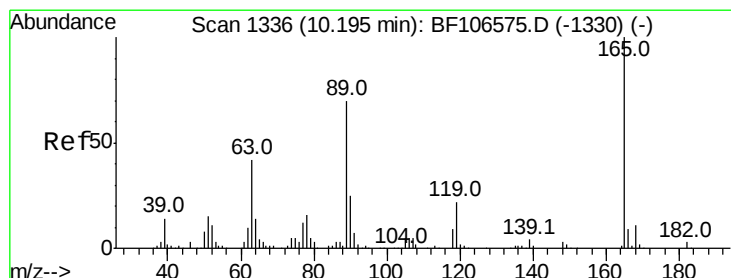
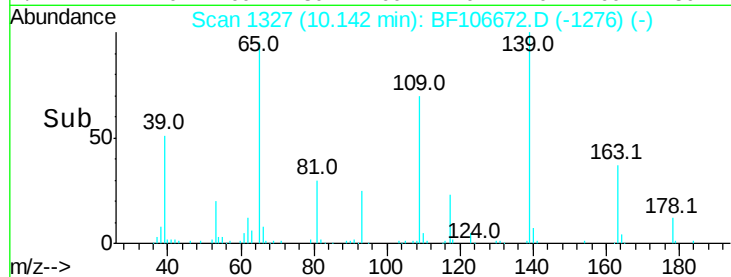
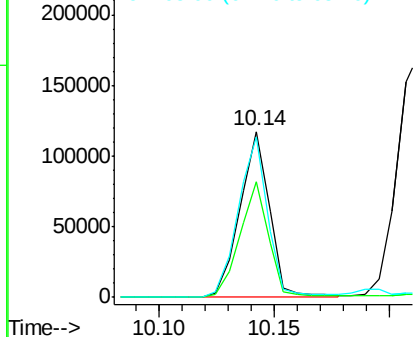
#55
4-Nitrophenol
Concen: 63.937 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

Tot Ion:139 Resp: 105499
Ion Ratio Lower Upper
139 100
109 69.9 48.4 88.4
65 96.5 72.6 112.6

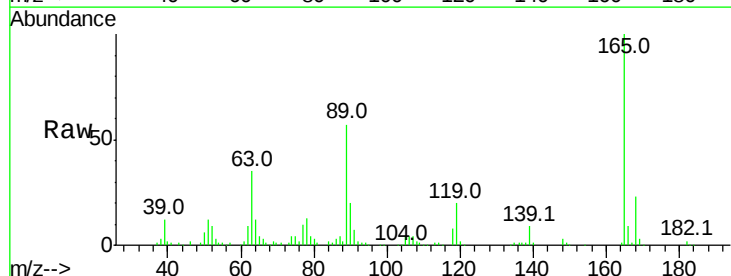


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

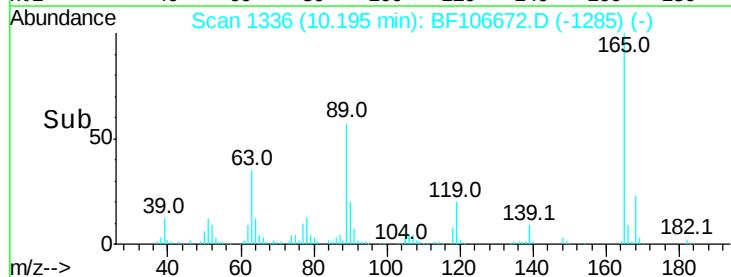
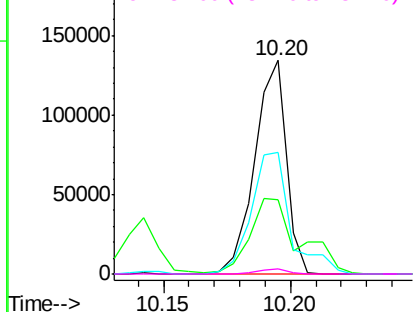


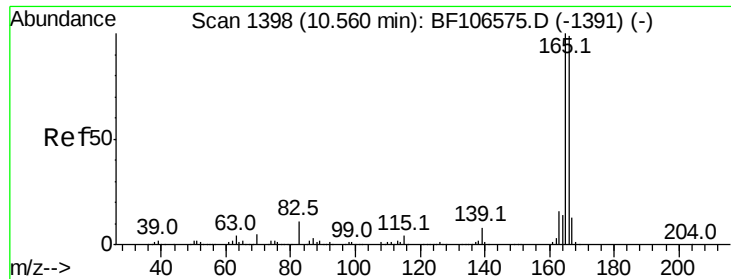
#56
2,4-Dinitrotoluene
Concen: 43.680 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:165 Resp: 117124
Ion Ratio Lower Upper
165 100
63 34.9 36.4 54.6#
89 57.2 57.8 86.6#
182 2.4 1.6 2.4



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





#57

Fluorene

Concen: 40.490 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

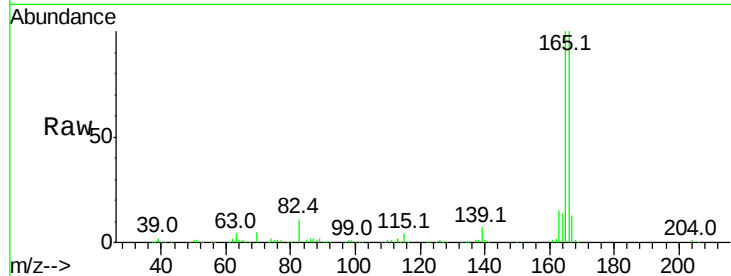
Tot Ion:166 Resp: 354918

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

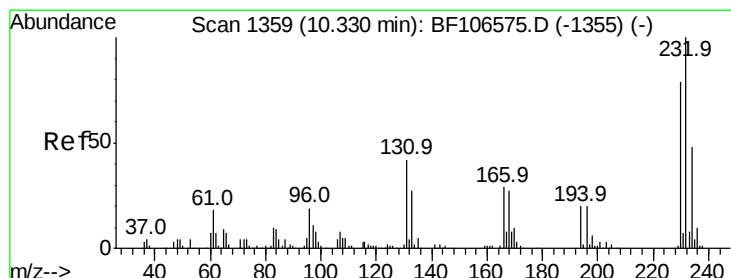
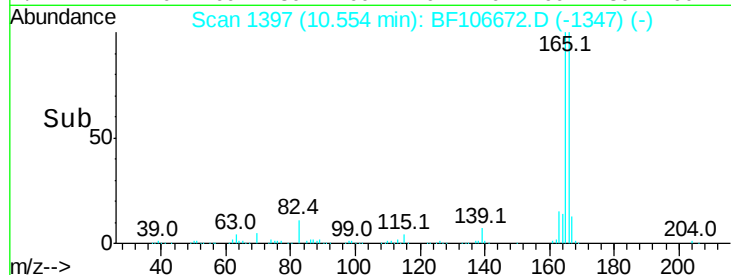
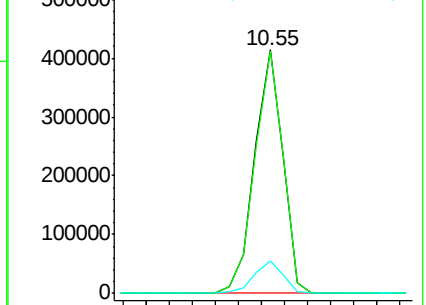
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.168 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Tgt Ion:232 Resp: 106080

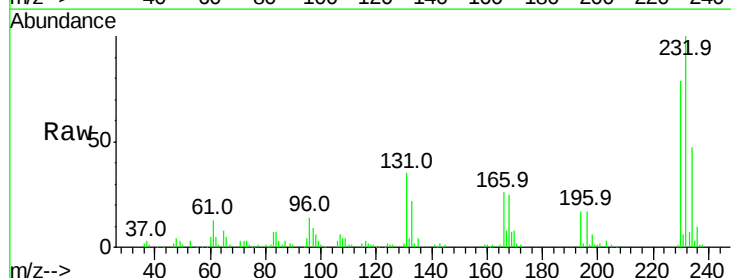
Ion Ratio Lower Upper

232 100

131 36.2 43.8 65.8#

130 1.5 2.1 3.1#

166 26.4 27.8 41.6#

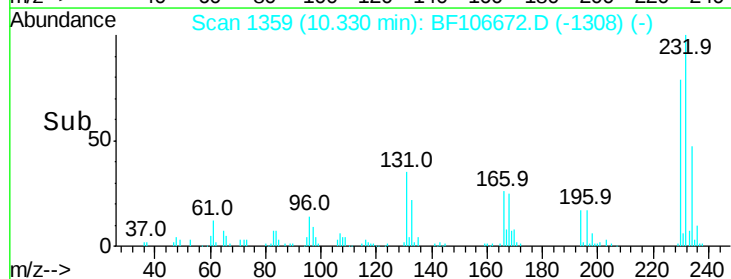
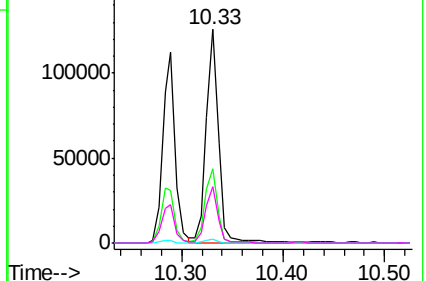


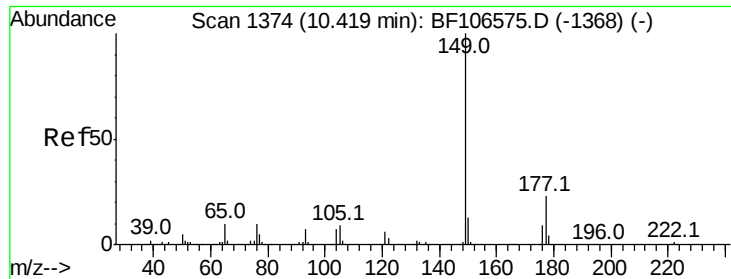
Abundance Ion 232.00 (231.70 to 232.70): E

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

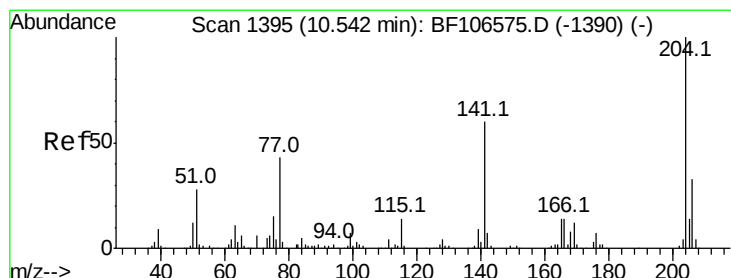
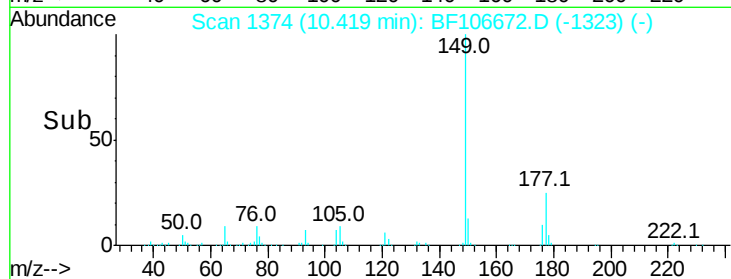
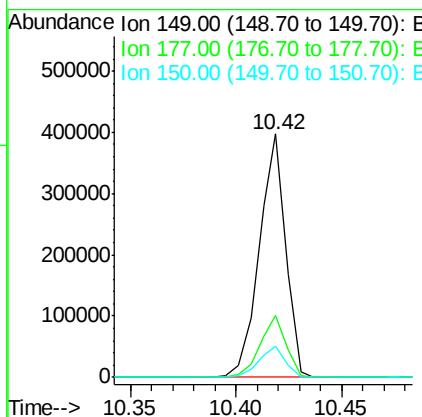
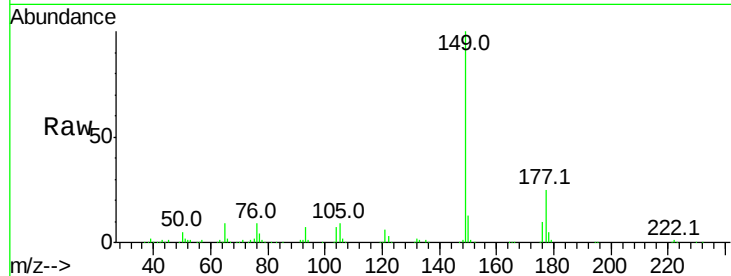




#59
Diethylphthalate
Concen: 36.834 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

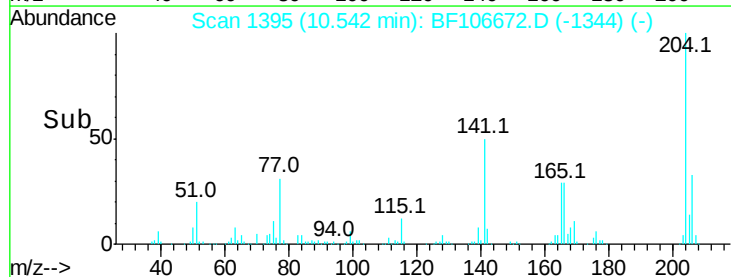
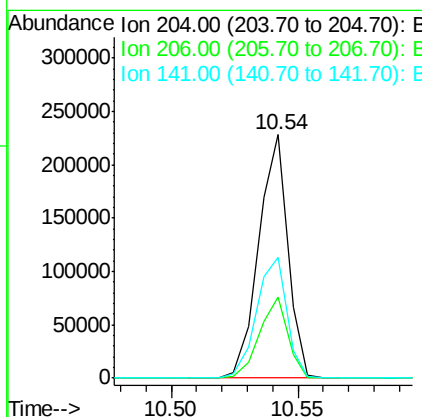
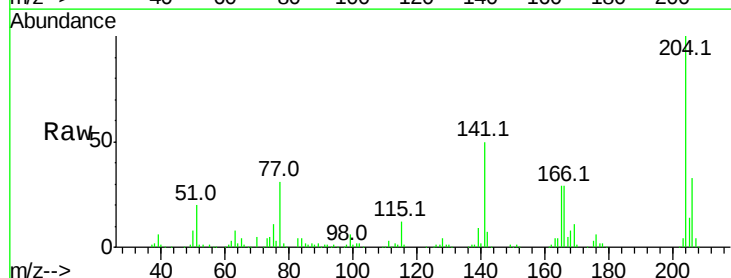
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

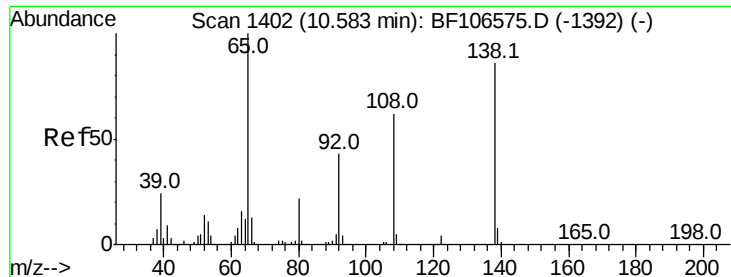
Tot Ion:149 Resp: 344885
Ion Ratio Lower Upper
149 100
177 25.3 16.1 24.1#
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.994 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:204 Resp: 183428
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 49.6 54.6 81.8#

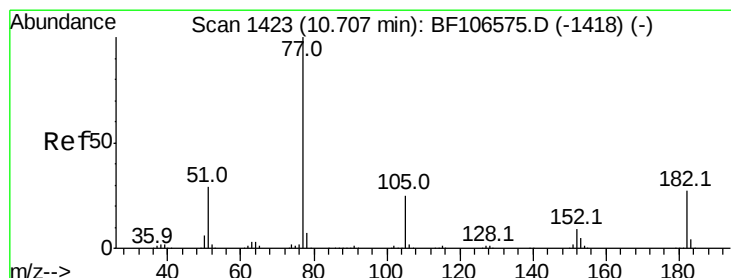
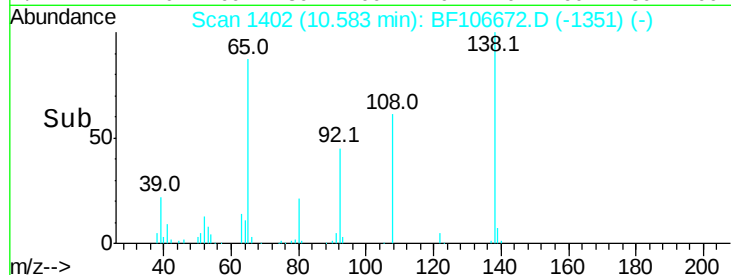
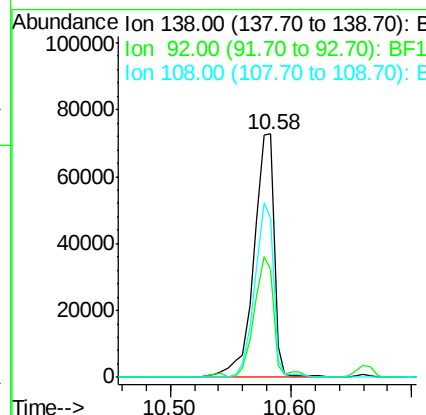
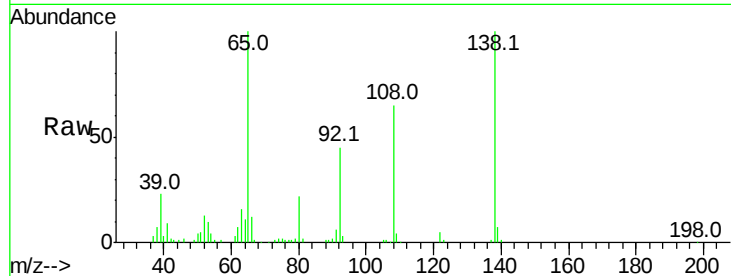




#61
4-Nitroaniline
Concen: 36.658 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

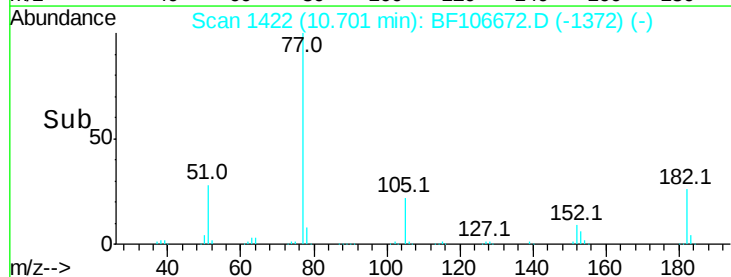
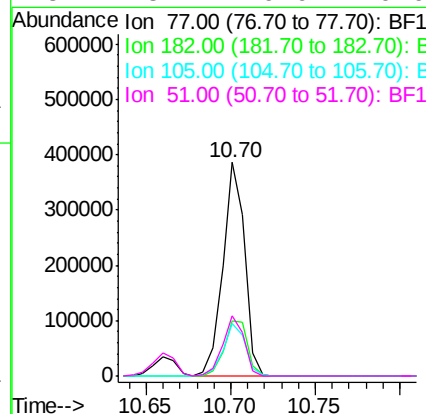
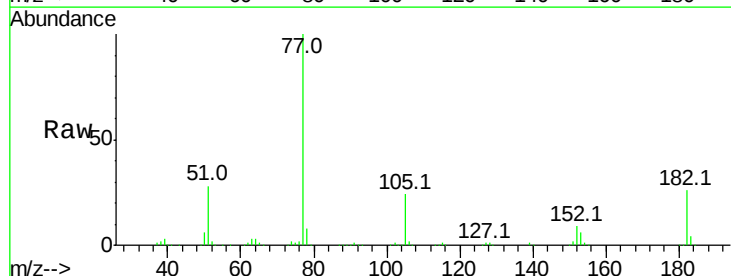
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

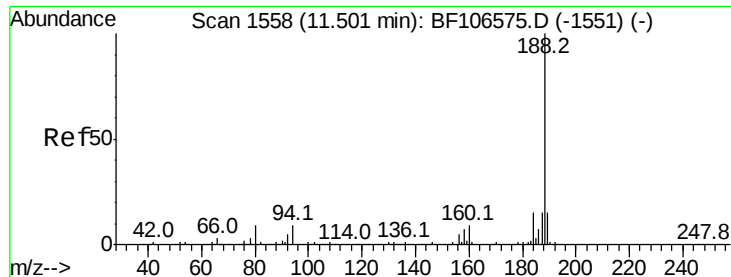
Tot Ion:138 Resp: 86001
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 65.3 52.5 92.5



#62
Azobenzene
Concen: 37.624 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion: 77 Resp: 346916
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 24.5 3.0 43.0
51 28.4 9.9 49.9

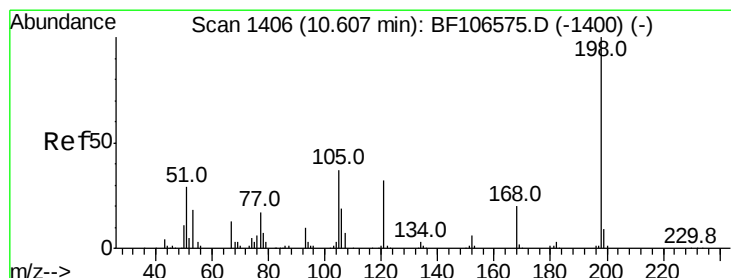
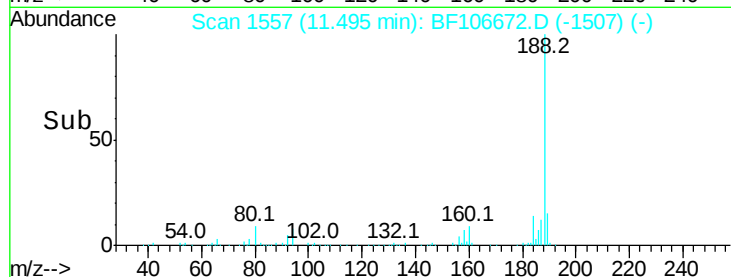
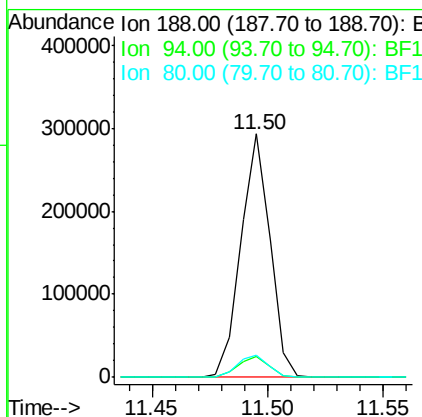
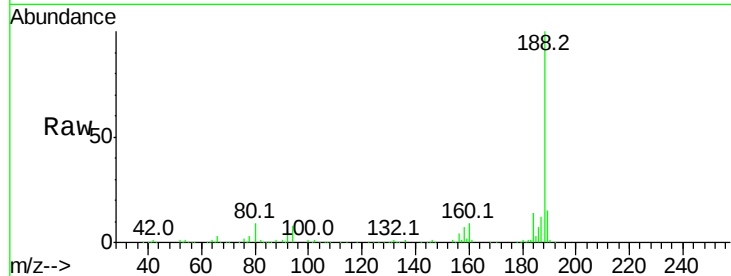




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

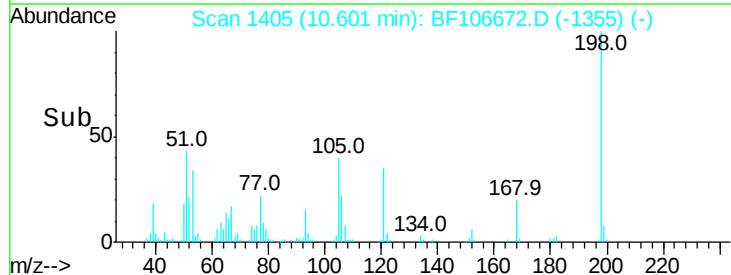
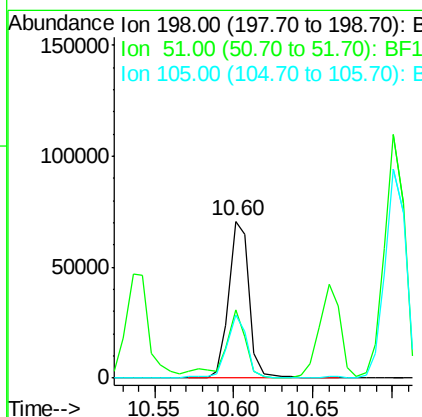
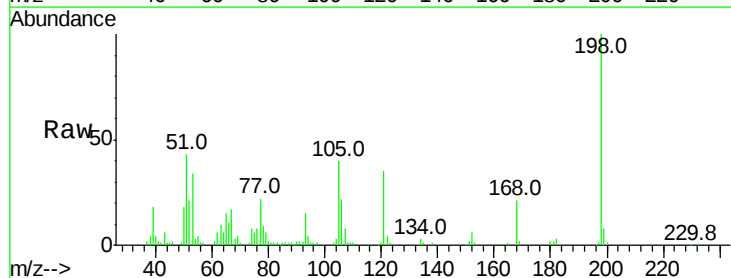
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

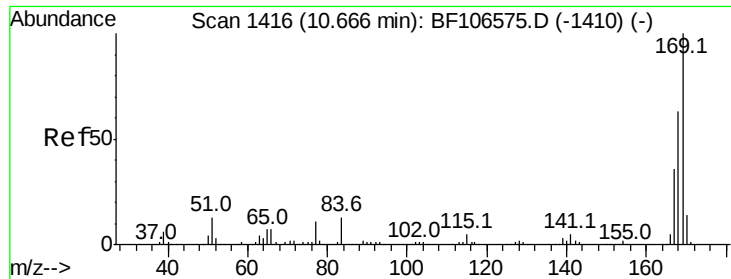
Tot Ion:188 Resp: 259306
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.497 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:198 Resp: 63309
 Ion Ratio Lower Upper
 198 100
 51 43.4 37.7 77.7
 105 40.2 36.3 76.3

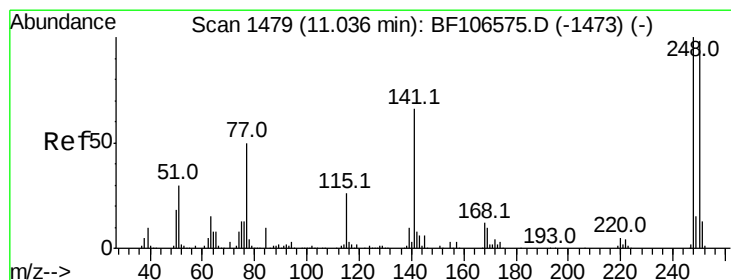
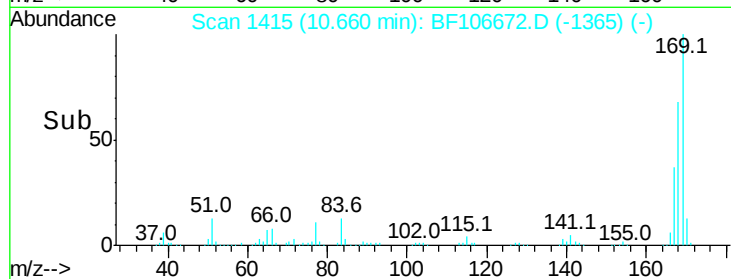
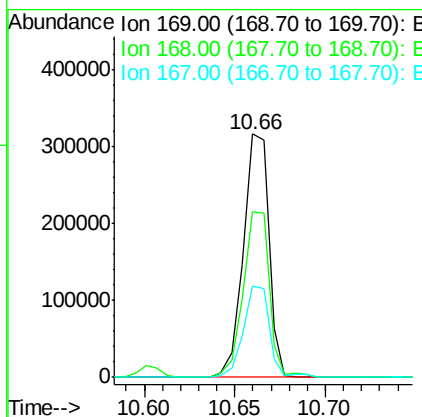
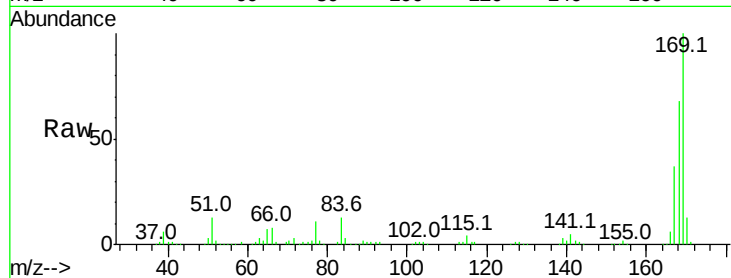




#65
 n-Nitrosodiphenylamine
 Concen: 35.700 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

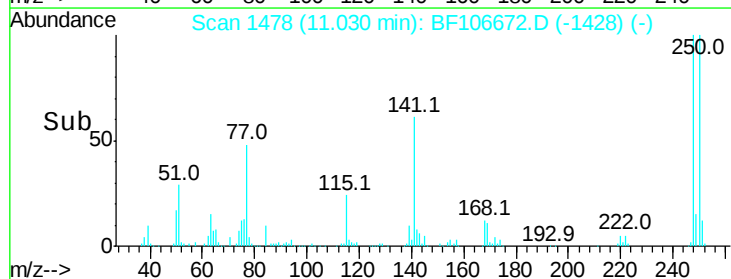
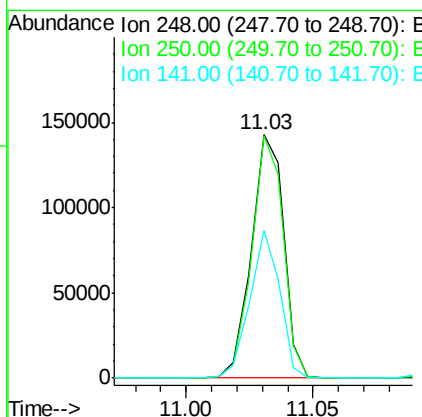
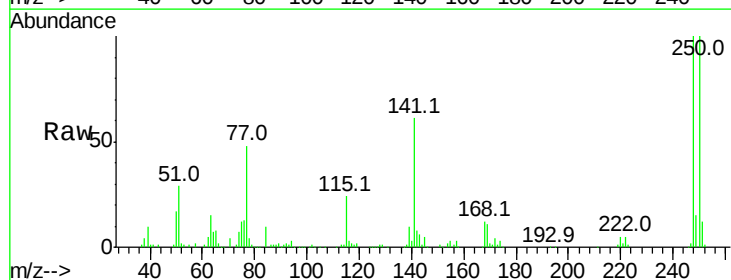
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:169 Resp: 311371
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.966 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:248 Resp: 126775
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.9 115.3
 141 60.9 74.4 111.6#

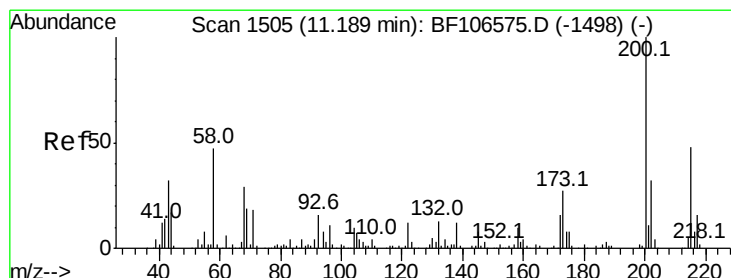
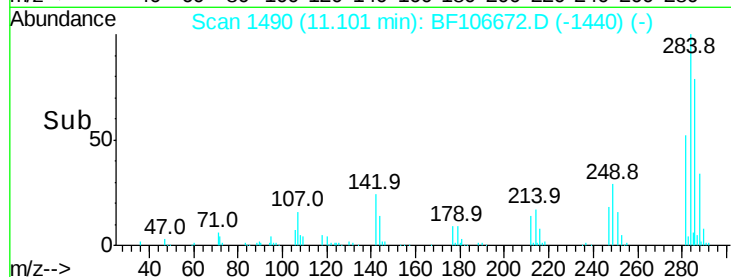
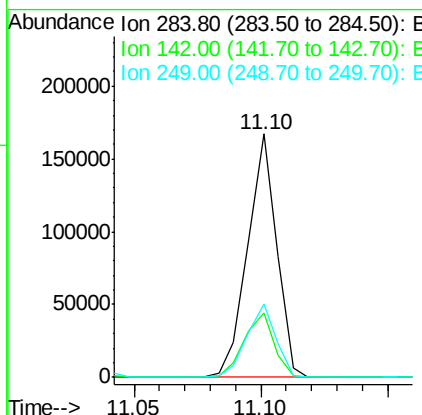
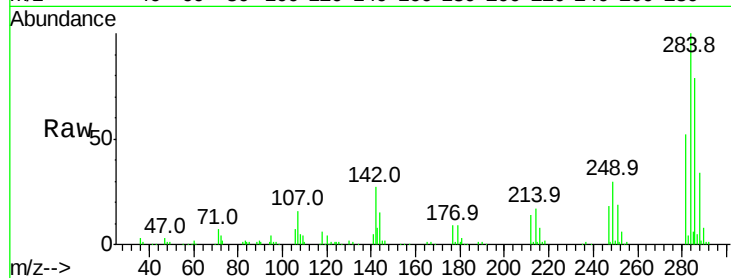




#67
Hexachlorobenzene
Concen: 41.118 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

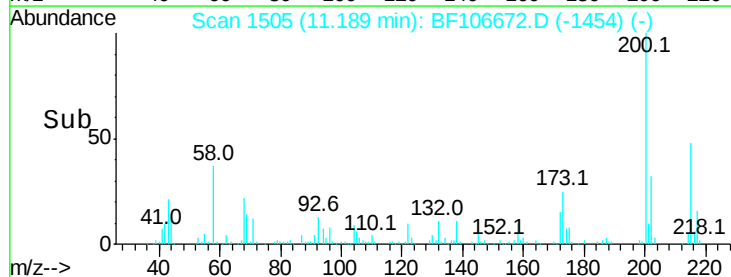
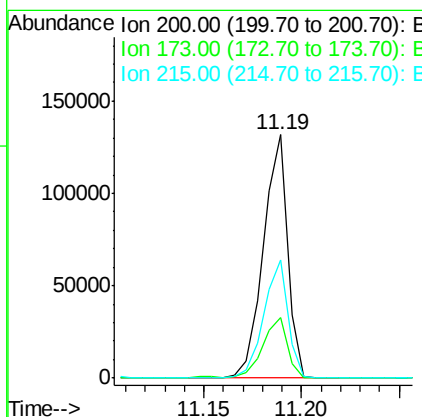
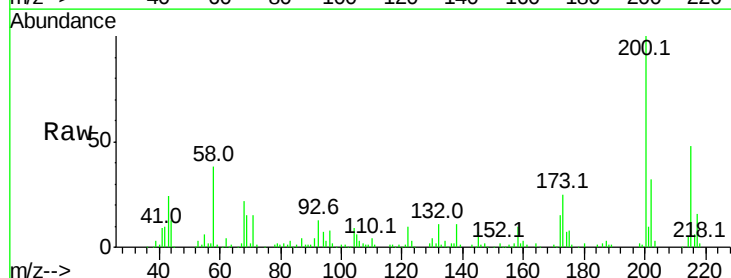
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

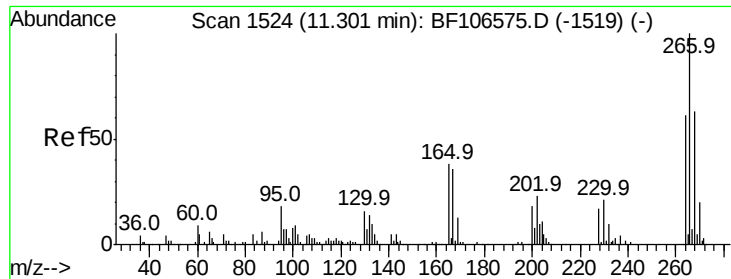
Tot Ion:284 Resp: 133180
Ion Ratio Lower Upper
284 100
142 26.5 34.6 52.0#
249 30.3 24.8 37.2



#68
Atrazine
Concen: 40.913 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:200 Resp: 113440
Ion Ratio Lower Upper
200 100
173 24.9 8.6 48.6
215 48.4 25.1 65.1

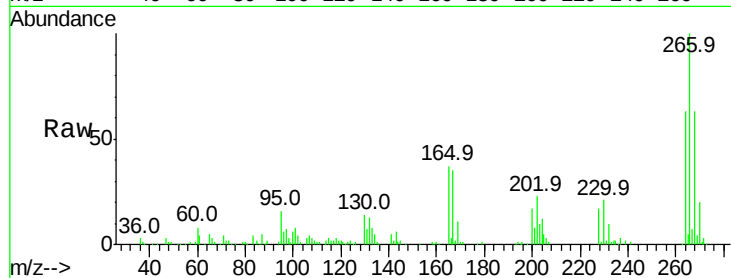




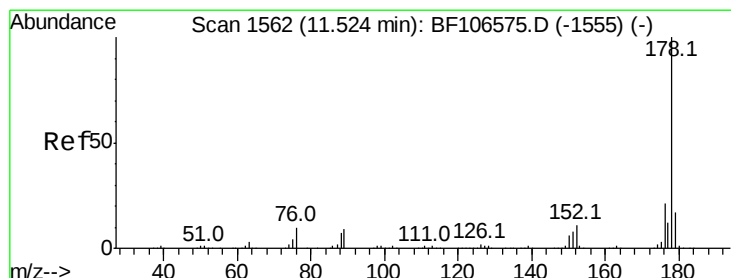
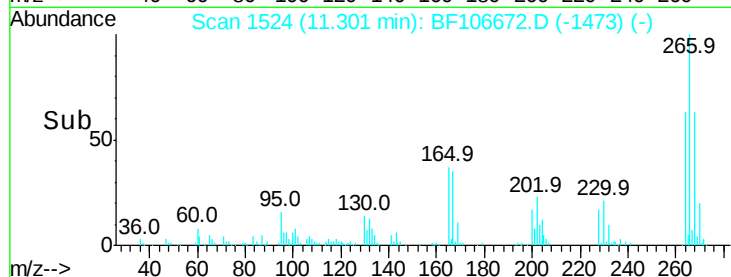
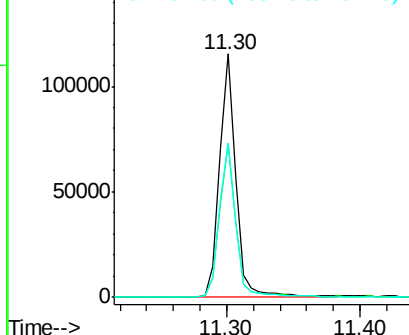
#69
 Pentachlorophenol
 Concen: 62.931 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:266 Resp: 101705
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.3 49.5 74.3

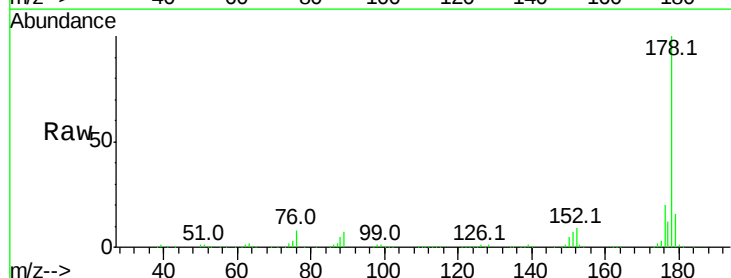


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

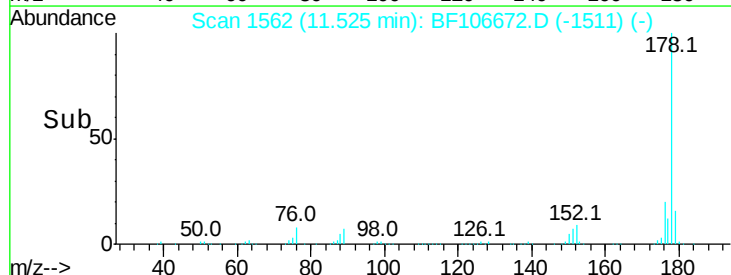
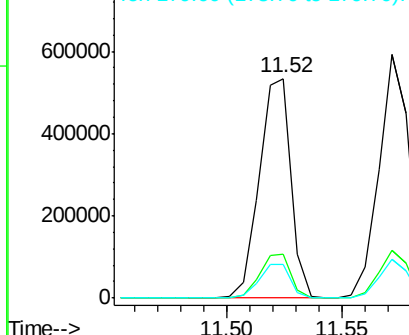


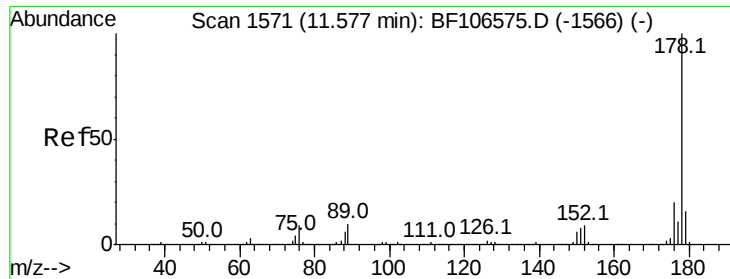
#70
 Phenanthrene
 Concen: 40.819 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:178 Resp: 510517
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 13.0 19.6



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

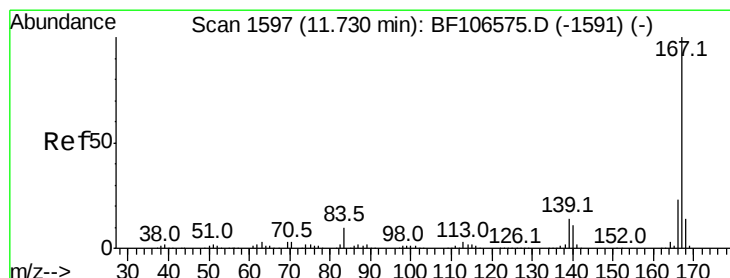
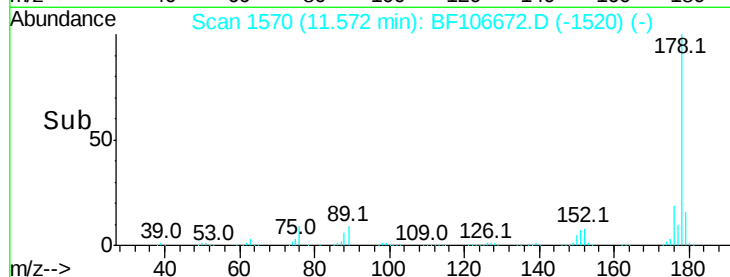
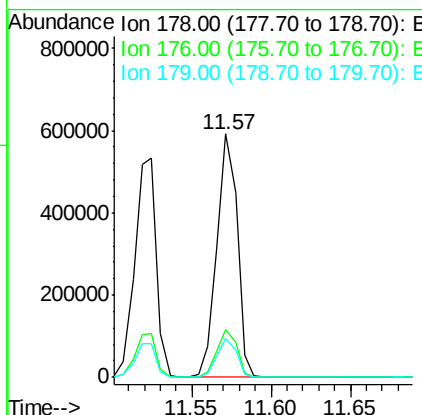
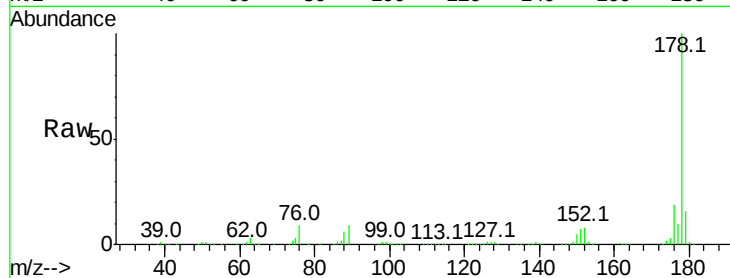




#71
 Anthracene
 Concen: 41.425 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

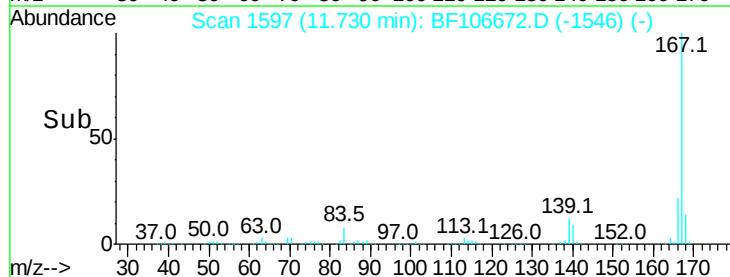
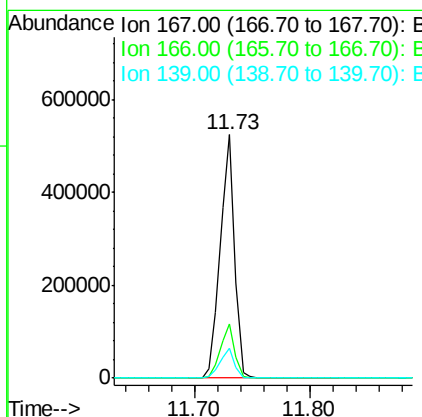
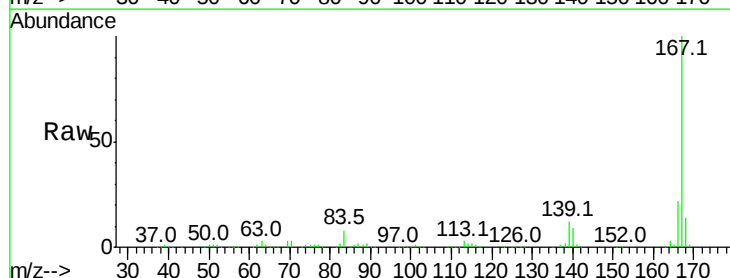
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

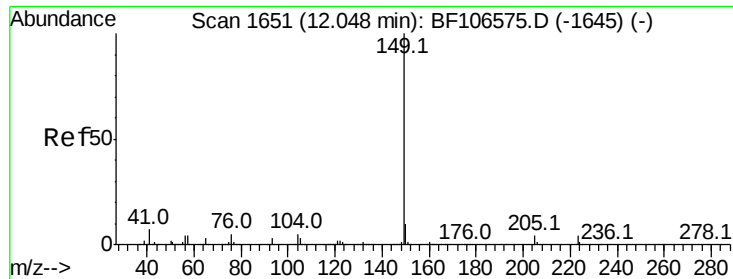
Tot Ion:178 Resp: 528820
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.127 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:167 Resp: 455688
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.126 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

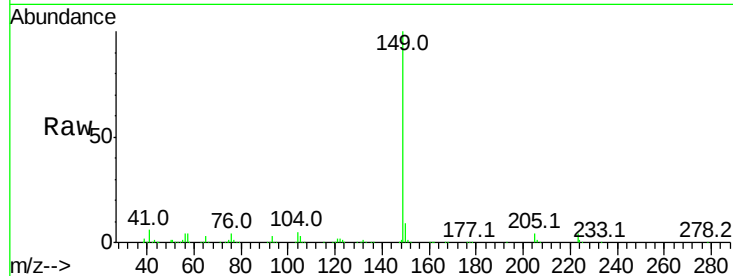
Tot Ion:149 Resp: 536832

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

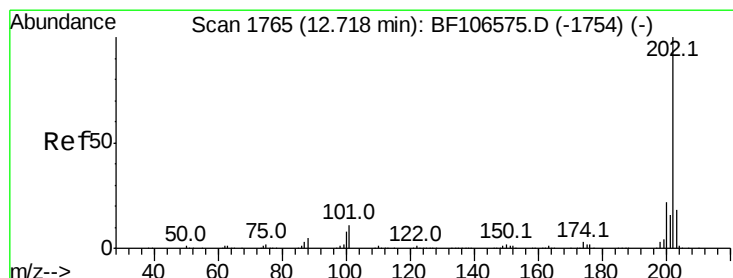
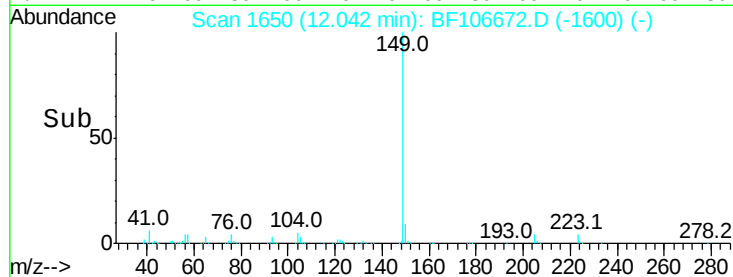
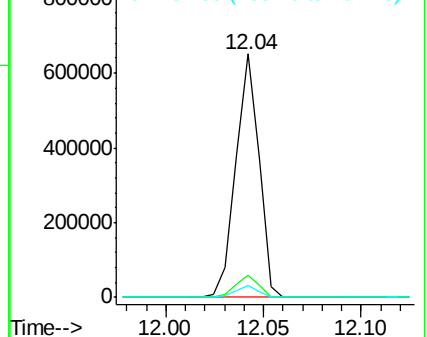
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.265 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

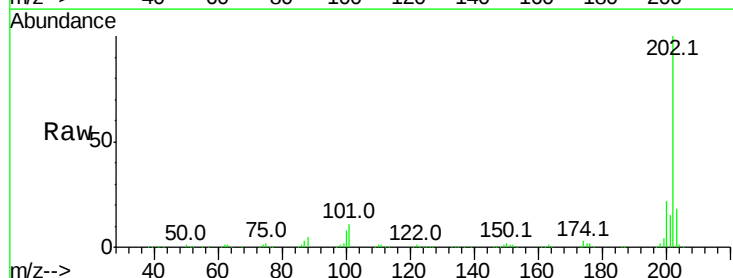
Tgt Ion:202 Resp: 527482

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

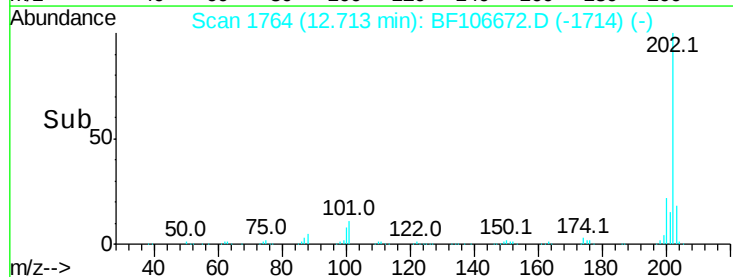
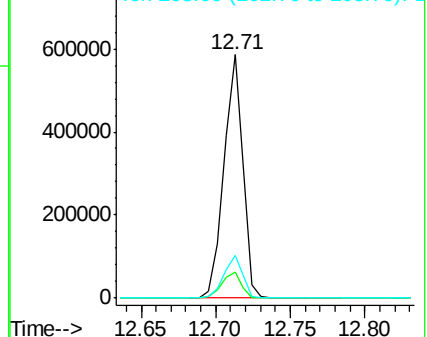
203 17.7 0.0 38.1

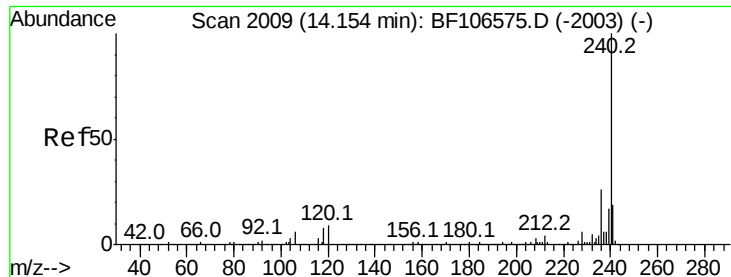


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

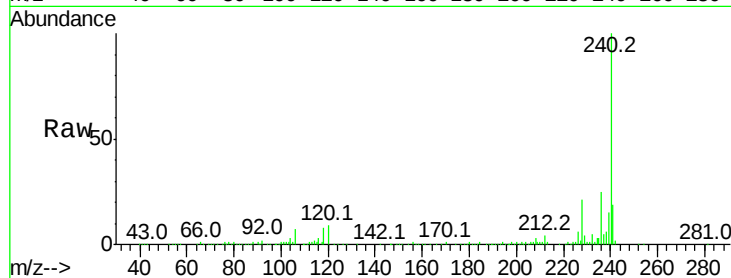
Tot Ion:240 Resp: 170942

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

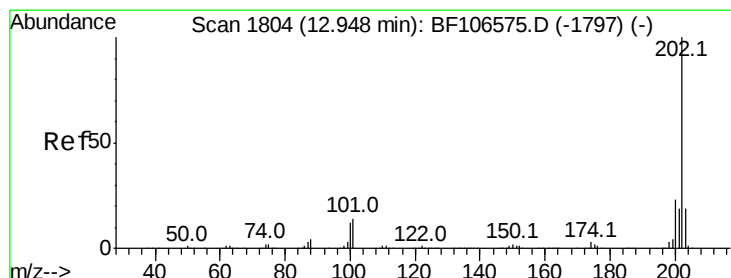
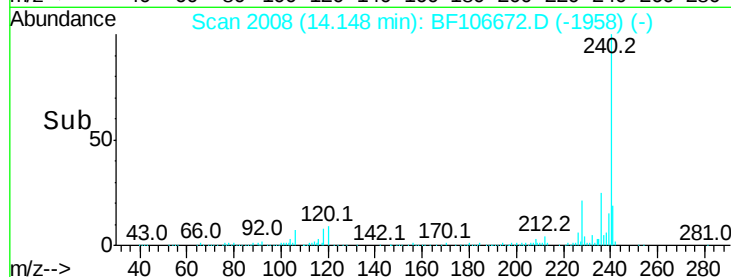
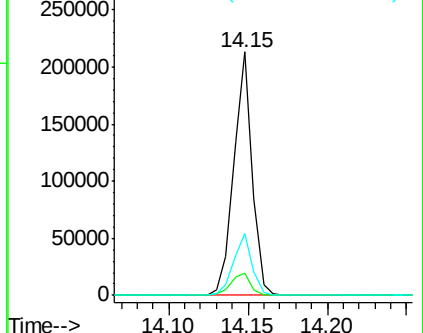
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 45.134 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

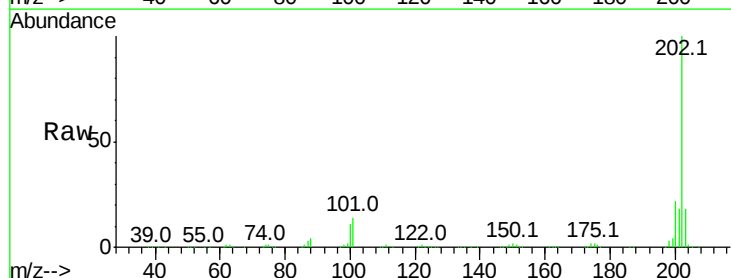
Tgt Ion:202 Resp: 508771

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

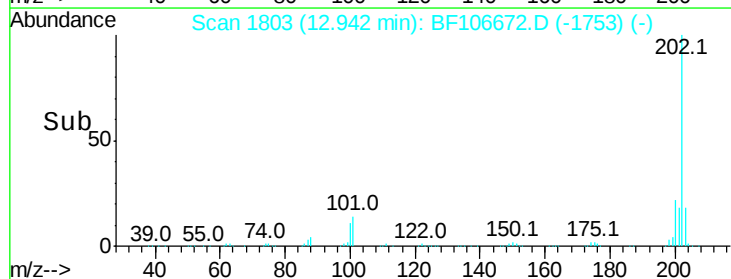
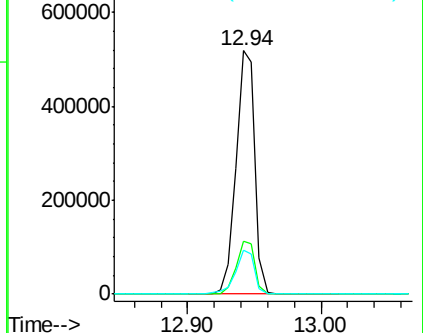
203 18.1 14.3 21.5

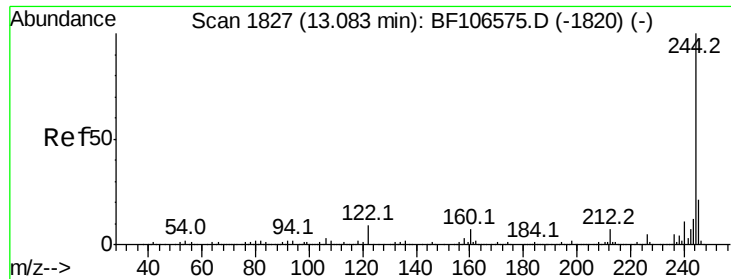


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

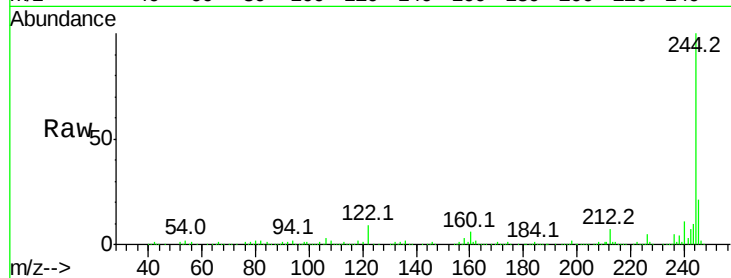




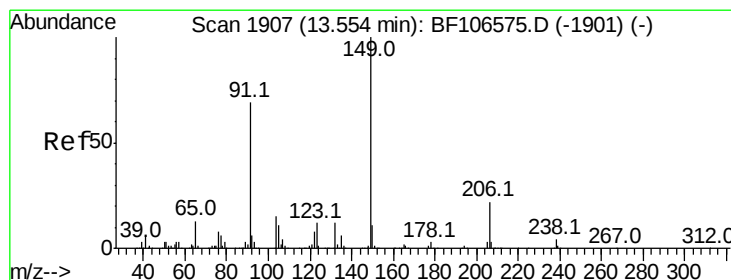
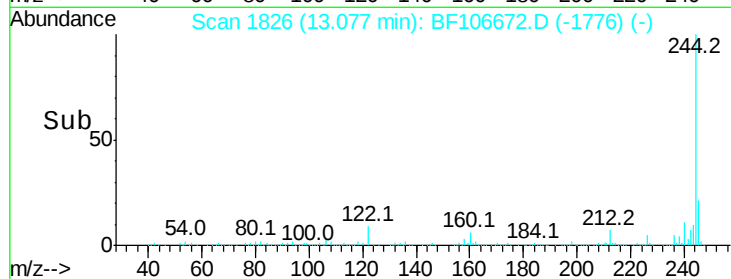
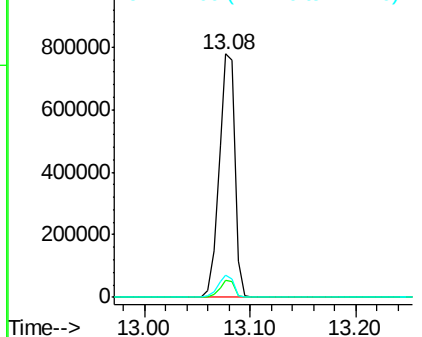
#78
 Terphenyl-d14
 Concen: 116.509 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-DMS

Tot Ion:244 Resp: 822205
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.2 11.0 16.4#

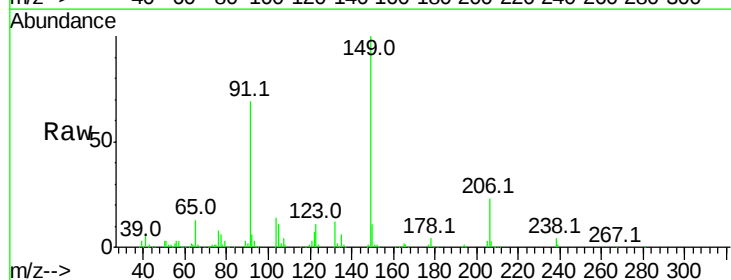


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

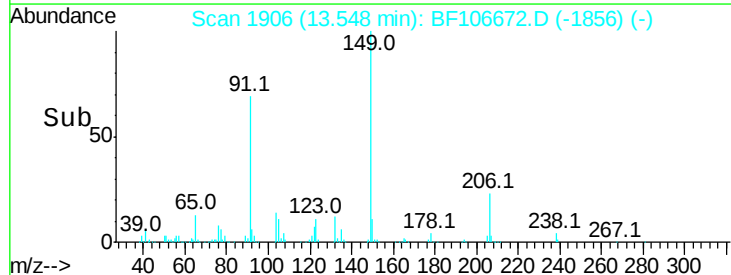
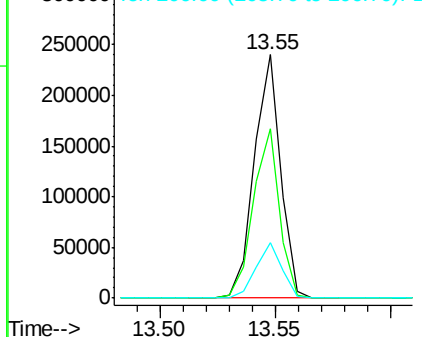


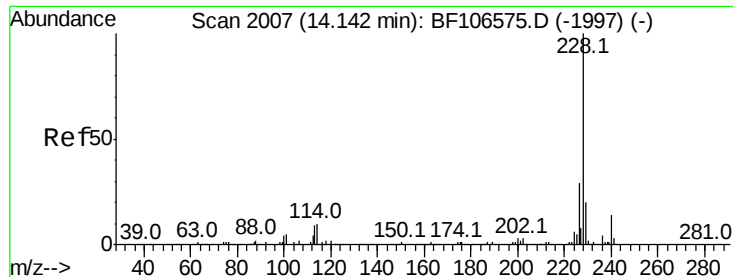
#79
 Butylbenzylphthalate
 Concen: 41.372 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF106672.D
 Acq: 21 Jun 2018 20:28

Tgt Ion:149 Resp: 191745
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.8 85.2
 206 22.9 14.1 21.1#



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

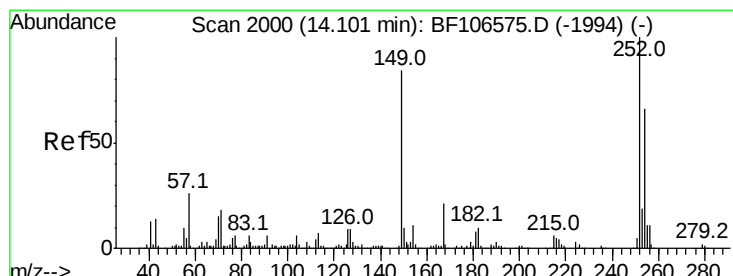
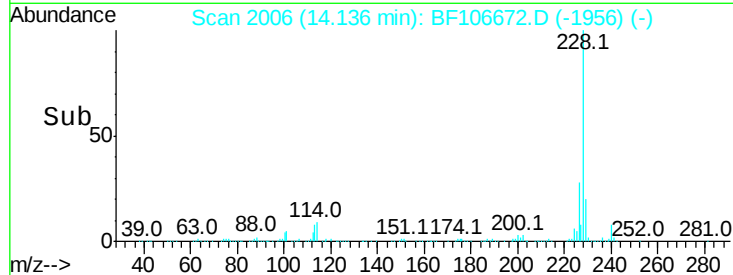
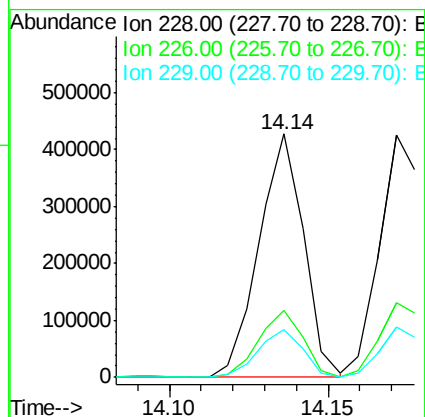
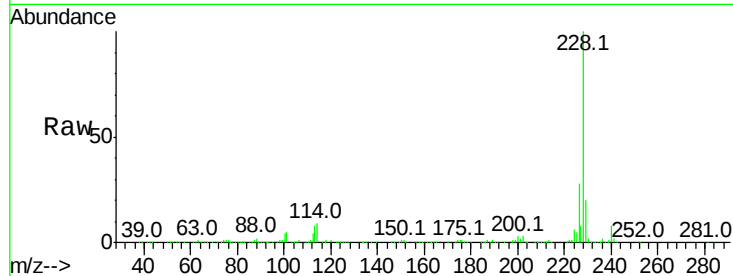




#80
Benzo(a)anthracene
Concen: 40.200 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

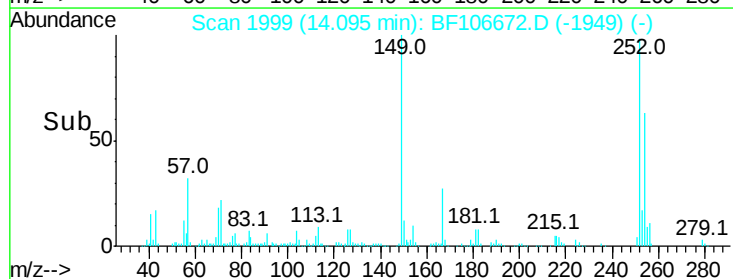
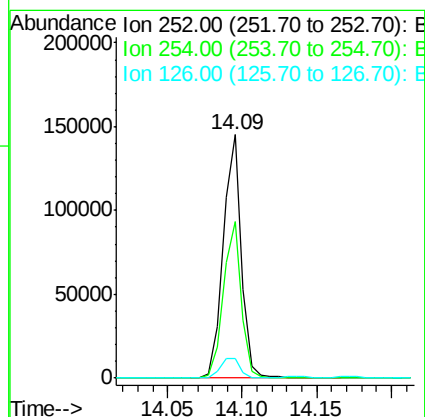
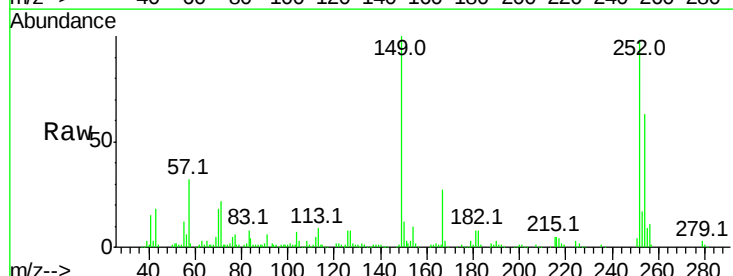
Instrument :
BNA_F
ClientSampled :
TP-1-DMS

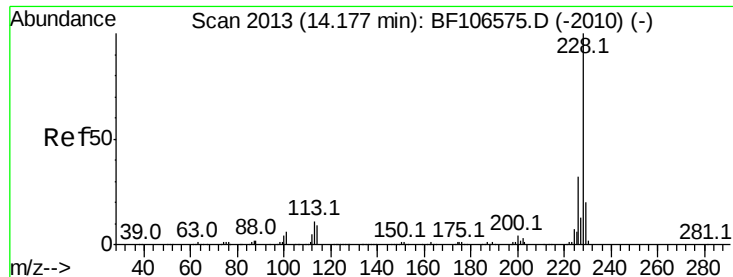
Tot Ion:228 Resp: 418823
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 33.837 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:252 Resp: 123900
Ion Ratio Lower Upper
252 100
254 64.2 50.4 75.6
126 8.2 11.3 16.9#





#82

Chrysene

Concen: 41.243 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

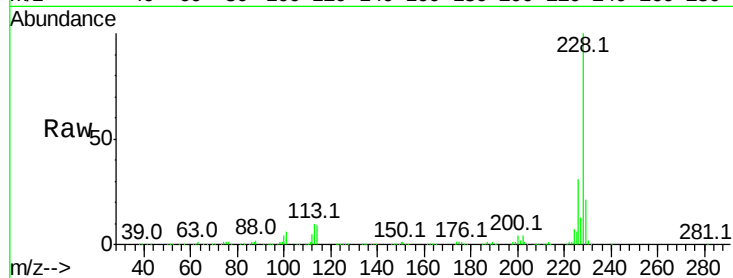
Tot Ion:228 Resp: 395311

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

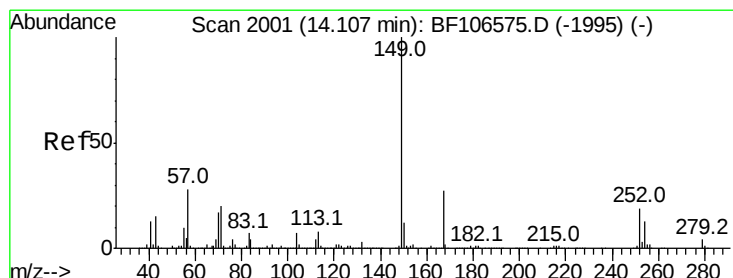
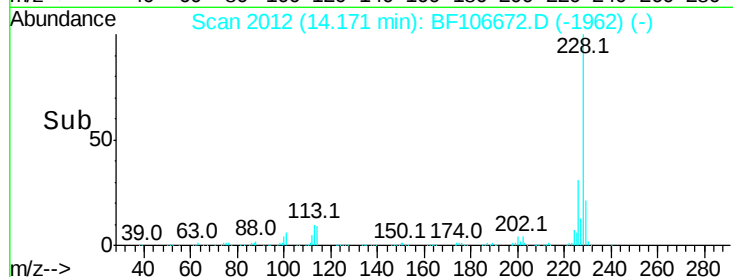
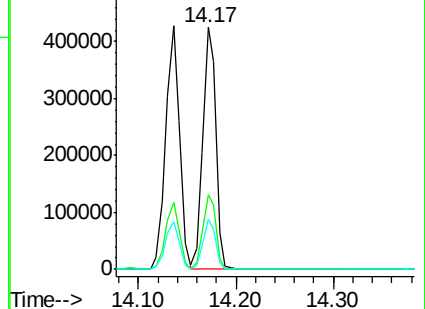
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.643 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

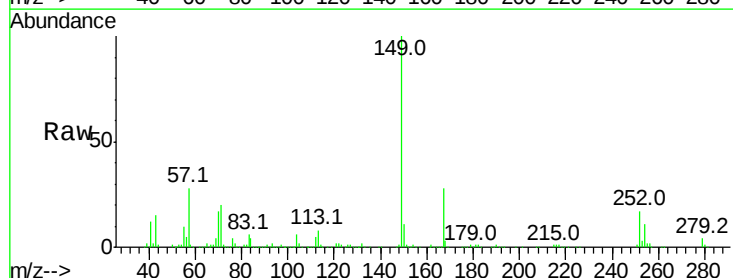
Tgt Ion:149 Resp: 252670

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

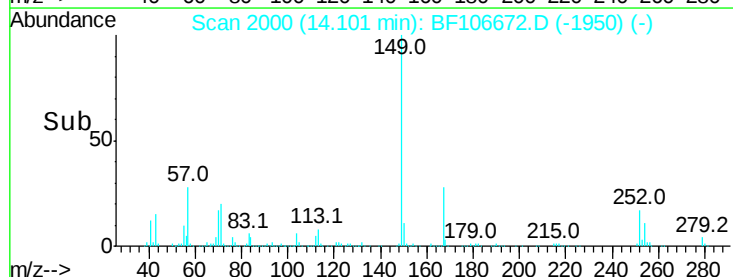
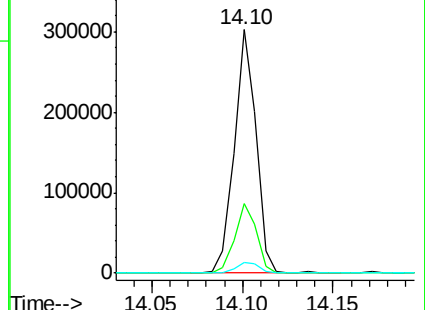
279 4.2 3.0 4.4

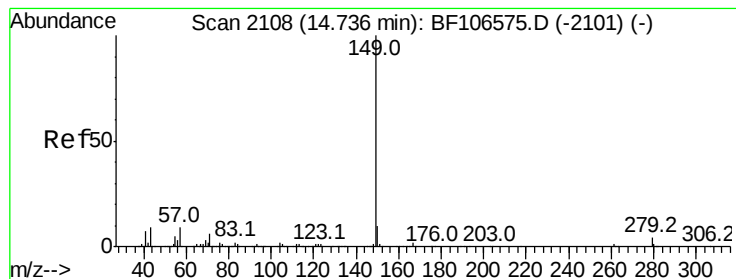


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.414 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampled :

TP-1-DMS

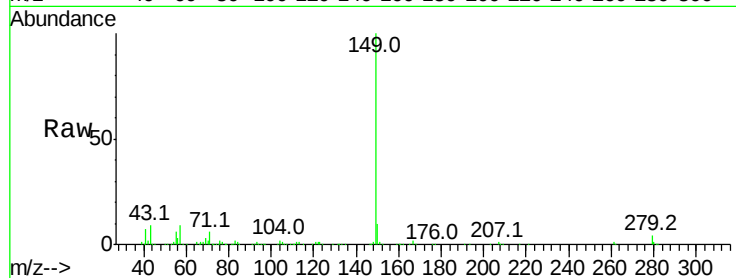
Tot Ion:149 Resp: 390338

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

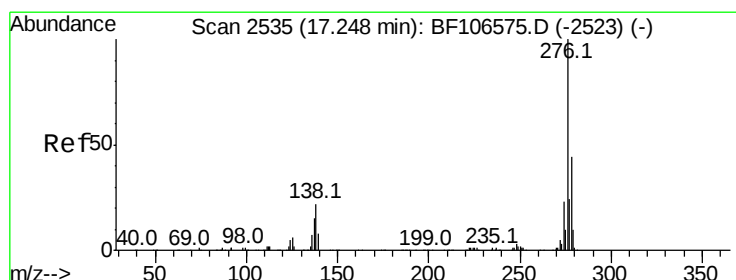
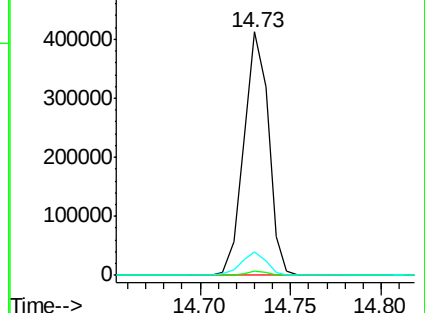
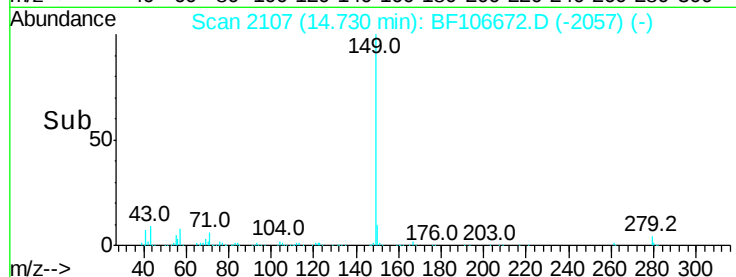
43 8.9 8.4 12.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 62.613 ng

RT: 17.25 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

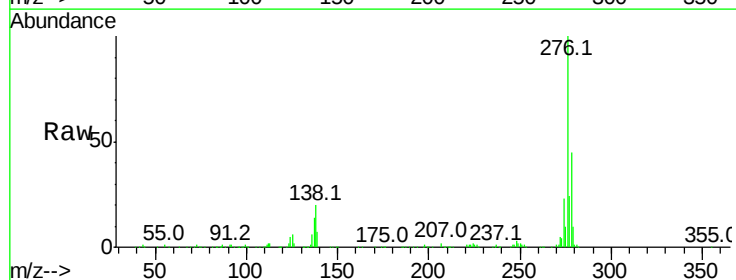
Tgt Ion:276 Resp: 509298

Ion Ratio Lower Upper

276 100

138 22.0 25.0 37.6#

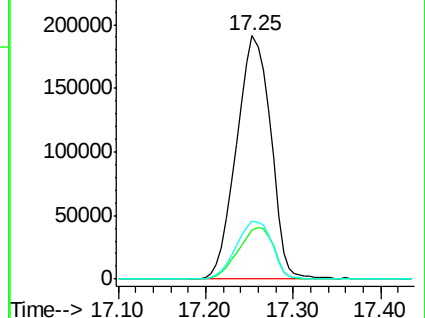
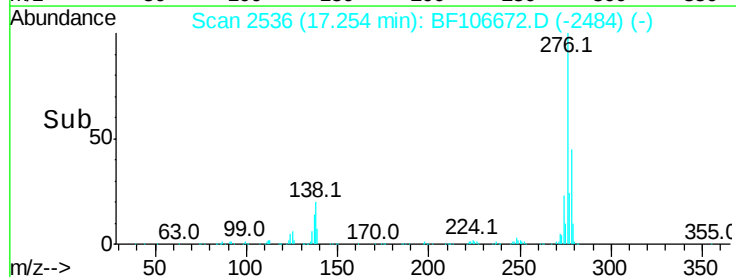
277 25.0 20.1 30.1

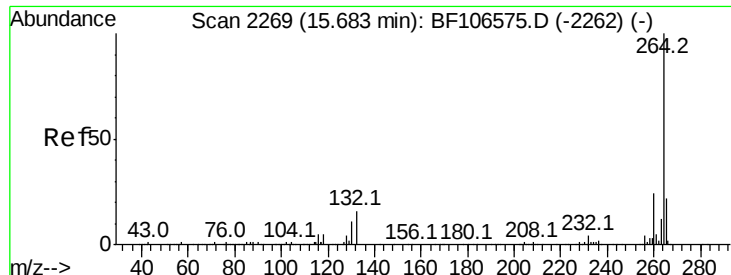


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



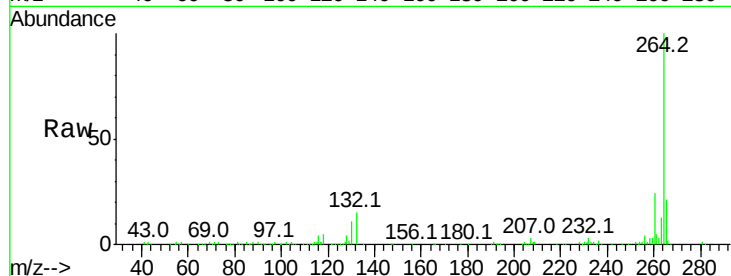


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

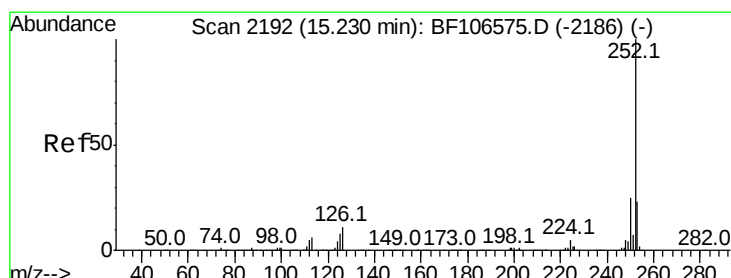
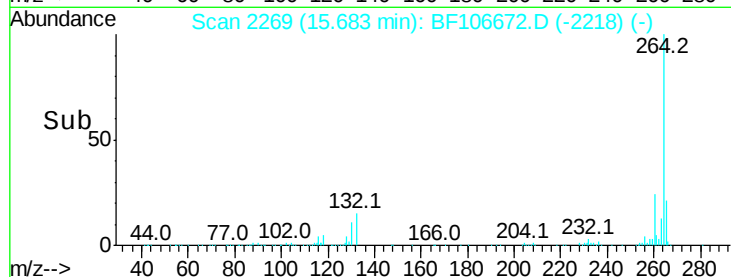
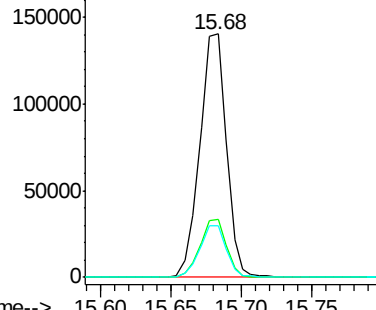
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

Tot Ion:264 Resp: 184706

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3



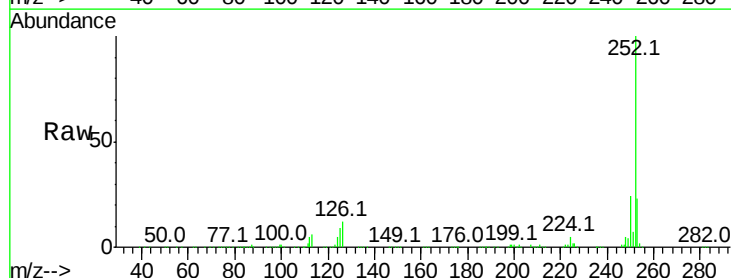
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



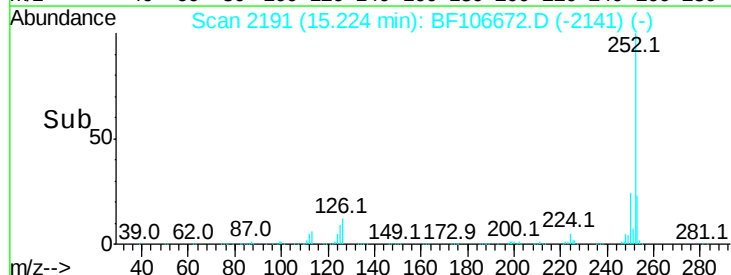
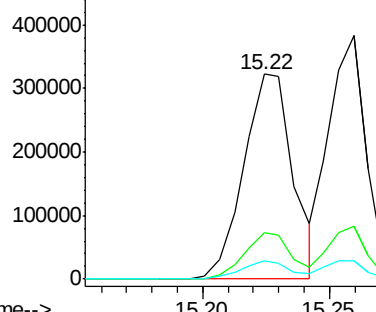
#87
Benzo(b)fluoranthene
Concen: 38.076 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

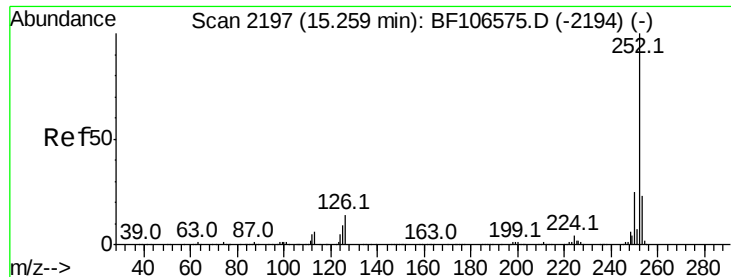
Tgt Ion:252 Resp: 436883

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.7	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

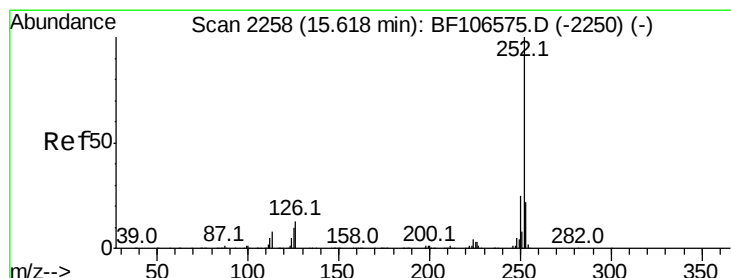
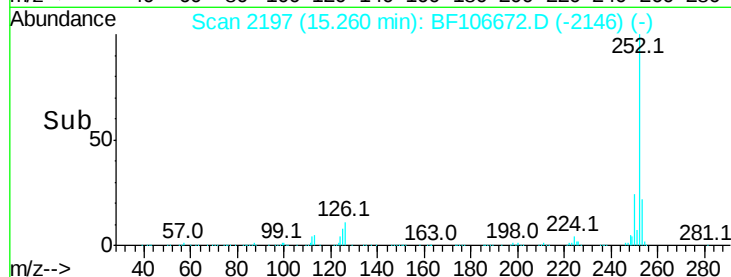
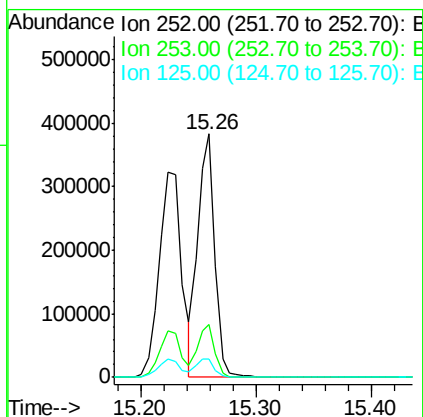
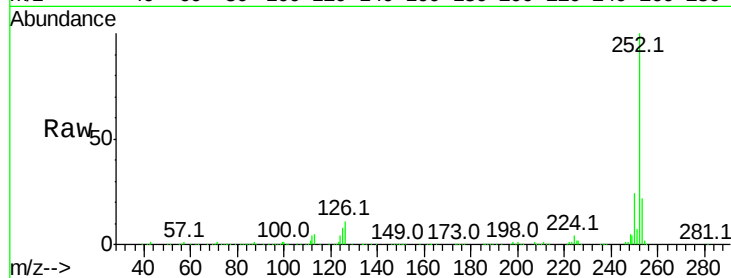




#88
Benzo(k)fluoranthene
Concen: 36.309 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

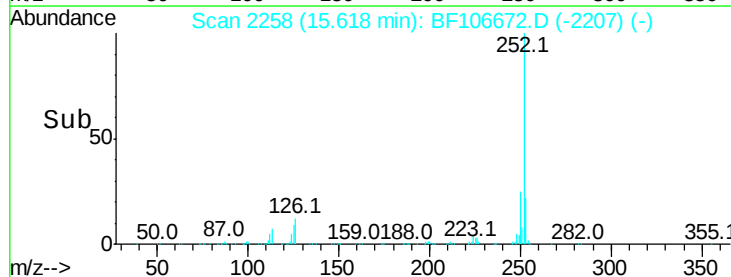
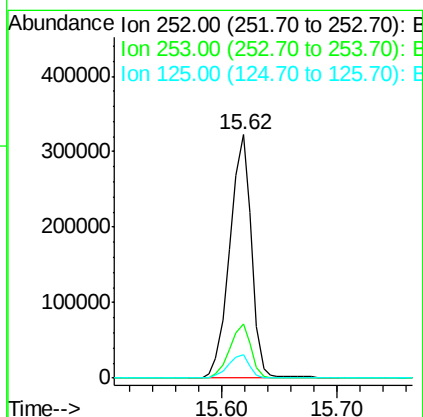
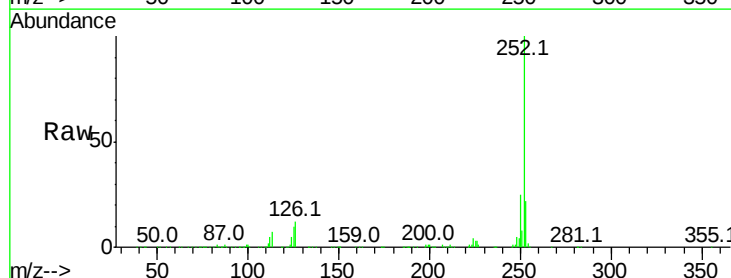
Instrument :
BNA_F
ClientSampleId :
TP-1-DMS

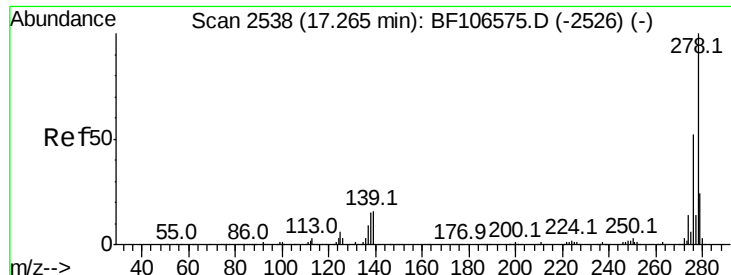
Tot Ion:252 Resp: 396727
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 7.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 41.214 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106672.D
Acq: 21 Jun 2018 20:28

Tgt Ion:252 Resp: 420387
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.6 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 49.004 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

Instrument :

BNA_F

ClientSampleId :

TP-1-DMS

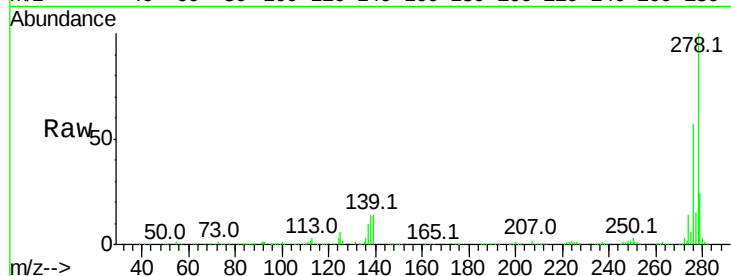
Tot Ion:278 Resp: 423608

Ion Ratio Lower Upper

278 100

139 14.2 15.9 23.9#

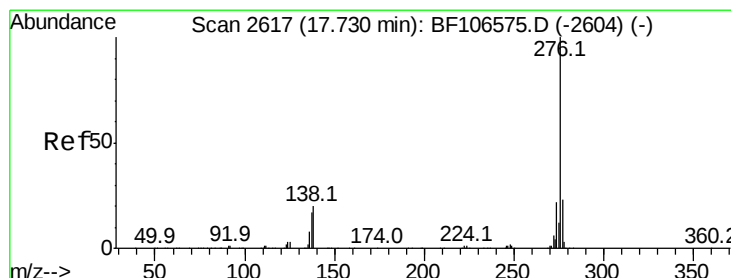
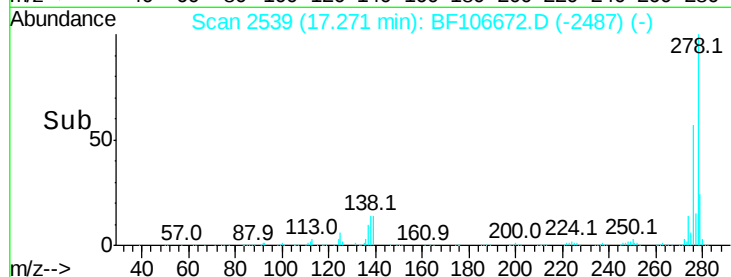
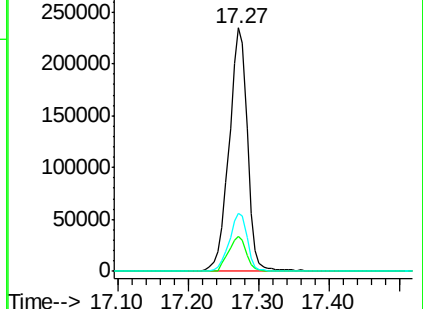
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 51.108 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF106672.D

Acq: 21 Jun 2018 20:28

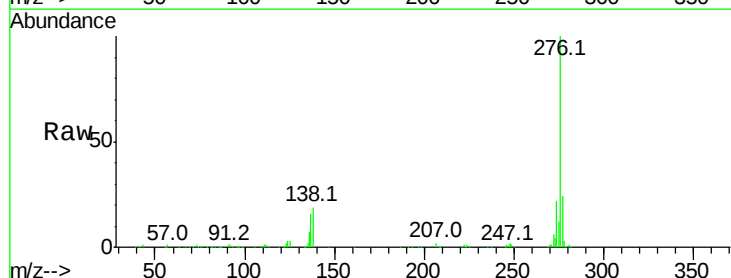
Tgt Ion:276 Resp: 431823

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 19.1 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

