

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107278.D
 Acq On : 10 Jul 2018 17:42
 Operator : JU/SJ
 Sample : J3901-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Quant Time: Jul 10 18:08:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	26615	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	91924	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	42844	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	90780	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	85804	20.00	ng	-0.02
86) Perylene-d12	15.68	264	63741	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	179222	114.03	ng	-0.01
7) Phenol-d6	6.59	99	207264	105.59	ng	-0.02
23) Nitrobenzene-d5	7.51	82	124805	75.45	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	58257	117.32	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	212842	83.90	ng	-0.03
78) Terphenyl-d14	13.07	244	303892	85.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	26705	33.048	ng	97
3) Pyridine	3.60	79	75272	34.347	ng	99
4) n-Nitrosodimethylamine	3.56	42	30773	33.061	ng	85
6) Aniline	6.61	93	53362	20.042	ng	# 41
8) 2-Chlorophenol	6.74	128	61801	35.849	ng	97
9) Benzaldehyde	6.50	77	25173	16.041	ng	99
10) Phenol	6.60	94	77137	34.435	ng	75
11) bis(2-Chloroethyl)ether	6.67	93	65393	35.361	ng	99
12) 1,3-Dichlorobenzene	6.88	146	75896	37.589	ng	96
13) 1,4-Dichlorobenzene	6.96	146	74796	36.641	ng	97
14) 1,2-Dichlorobenzene	7.11	146	69731	37.273	ng	98
15) Benzyl Alcohol	7.08	79	49158	31.190	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	90752	37.403	ng	# 29
17) 2-Methylphenol	7.20	107	49886	33.814	ng	# 88
18) Hexachloroethane	7.44	117	18721	26.079	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	44052	34.048	ng	95
20) 3+4-Methylphenols	7.36	107	66252	40.436	ng	95
22) Acetophenone	7.35	105	85480	41.564	ng	98
24) Nitrobenzene	7.52	77	62926	37.262	ng	98
25) Isophorone	7.76	82	113643	38.989	ng	99
26) 2-Nitrophenol	7.84	139	25565	32.068	ng	97
27) 2,4-Dimethylphenol	7.88	122	51356	41.678	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	73442	37.527	ng	97
29) 2,4-Dichlorophenol	8.10	162	48581	37.658	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	57241	40.278	ng	97
31) Naphthalene	8.25	128	166826	38.817	ng	99
32) Benzoic acid	7.88	122	51356	56.187	ng	# 14
33) 4-Chloroaniline	8.30	127	39418	21.859	ng	97
34) Hexachlorobutadiene	8.35	225	38511	41.588	ng	97
35) Caprolactam	8.65	113	13688	32.550	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	46846	34.500	ng	96
37) 2-Methylnaphthalene	8.94	142	114542	40.209	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	58663	40.658	ng	# 96
42) 2,4,6-Trichlorophenol	9.22	196	32858	34.260	ng	91

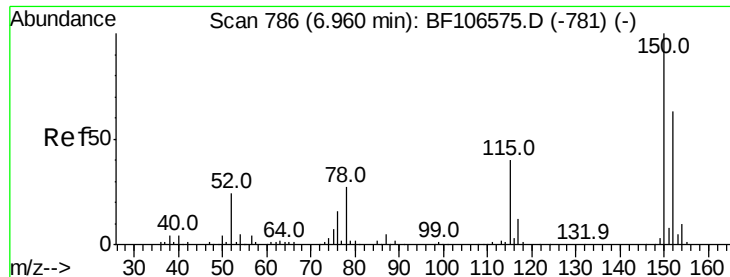
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	33452	33.426	ng	# 89
45) 1,1'-Biphenyl	9.40	154	136076	39.853	ng	97
46) 2-Chloronaphthalene	9.43	162	96192	35.790	ng	94
47) 2-Nitroaniline	9.53	65	31951	35.353	ng	94
48) Acenaphthylene	9.85	152	151175	35.627	ng	100
49) Dimethylphthalate	9.69	163	145270	45.208	ng	98
50) 2,6-Dinitrotoluene	9.77	165	21212	31.174	ng	# 82
51) Acenaphthene	10.02	154	91592	34.278	ng	97
52) 3-Nitroaniline	9.95	138	28992	37.027	ng	92
54) Dibenzofuran	10.19	168	142979	39.077	ng	96
55) 4-Nitrophenol	10.13	139	25889	47.368	ng	97
56) 2,4-Dinitrotoluene	10.18	165	25762	29.006	ng	95
57) Fluorene	10.54	166	114483	39.430	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	28760	36.152	ng	# 78
59) Diethylphthalate	10.39	149	107928	34.799	ng	95
60) 4-Chlorophenyl-phenylether	10.52	204	58701	38.641	ng	# 83
61) 4-Nitroaniline	10.56	138	30492	39.239	ng	98
62) Azobenzene	10.68	77	101094	33.101	ng	92
65) n-Nitrosodiphenylamine	10.64	169	96192	31.503	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	38824	35.835	ng	# 78
67) Hexachlorobenzene	11.09	284	41119	36.262	ng	# 83
68) Atrazine	11.17	200	32585	33.569	ng	96
69) Pentachlorophenol	11.30	266	18216	32.196	ng	99
70) Phenanthrene	11.51	178	193659	44.230	ng	98
71) Anthracene	11.56	178	185598	41.529	ng	98
72) Carbazole	11.72	167	166133	39.705	ng	97
73) Di-n-butylphthalate	12.02	149	179486	36.411	ng	99
74) Fluoranthene	12.70	202	245698	50.911	ng	97
76) Benzidine	12.82	184	168291	68.868	ng	97
77) Pyrene	12.94	202	242674	42.889	ng	99
79) Butylbenzylphthalate	13.53	149	82458	35.445	ng	# 92
80) Benzo(a)anthracene	14.13	228	217329	41.558	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	72025	39.187	ng	# 96
82) Chrysene	14.17	228	195356	40.605	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	110711	37.224	ng	96
84) Di-n-octyl phthalate	14.70	149	188828	38.949	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.27	276	145378	35.607	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	178568	45.098	ng	# 95
88) Benzo(k)fluoranthene	15.25	252	143920	38.168	ng	# 95
89) Benzo(a)pyrene	15.61	252	150616	42.789	ng	# 97
90) Dibenzo(a,h)anthracene	17.27	278	114571	38.406	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	122746	42.097	ng	# 89

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

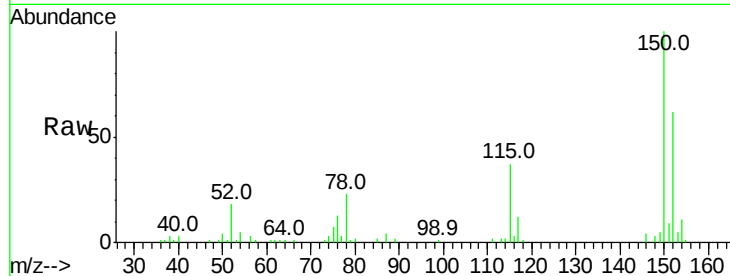


#1

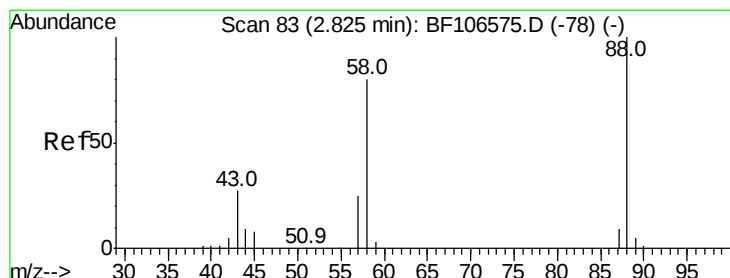
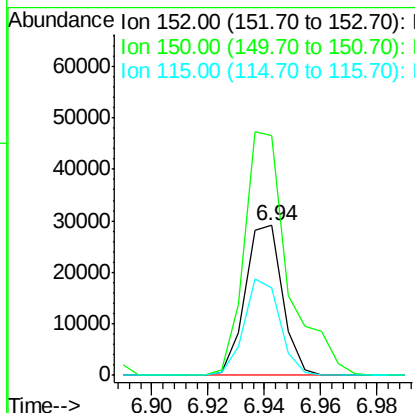
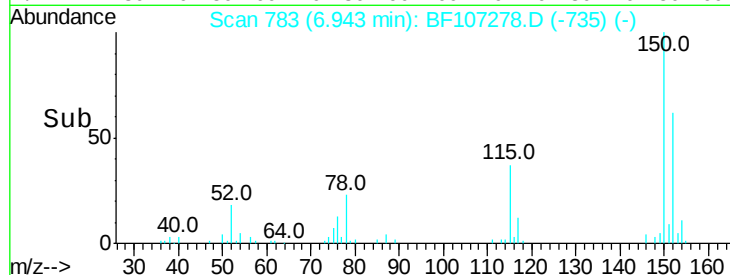
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
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Tot Ion:152 Resp: 26615
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 58.7 50.1 75.1



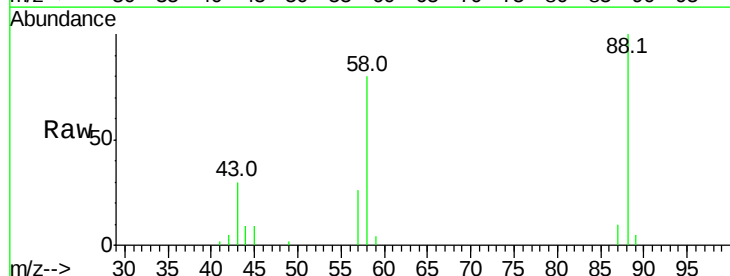
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



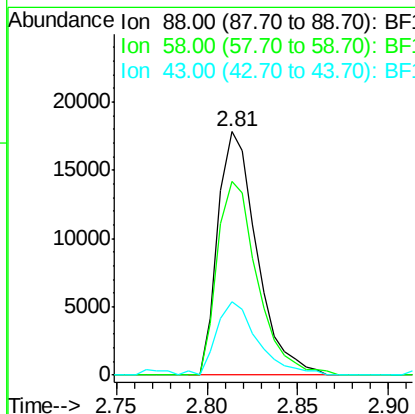
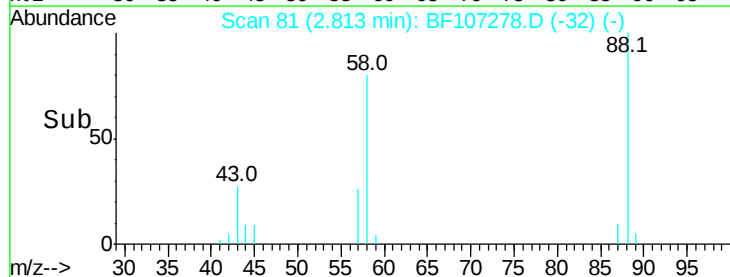
#2

1,4-Dioxane
Concen: 33.048 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion: 88 Resp: 26705
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 32.1 24.6 37.0



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





#3

Pvridine

Concen: 34.347 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

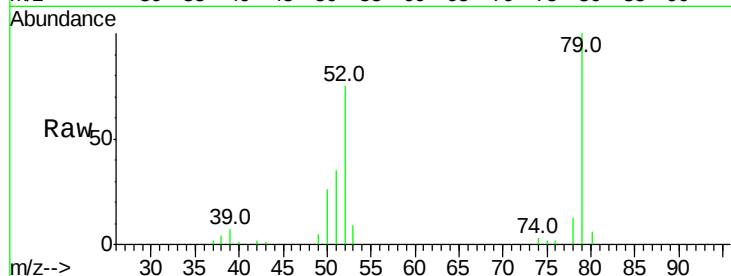
Tot Ion: 79 Resp: 75272

Ion Ratio Lower Upper

79 100

52 74.8 59.8 89.6

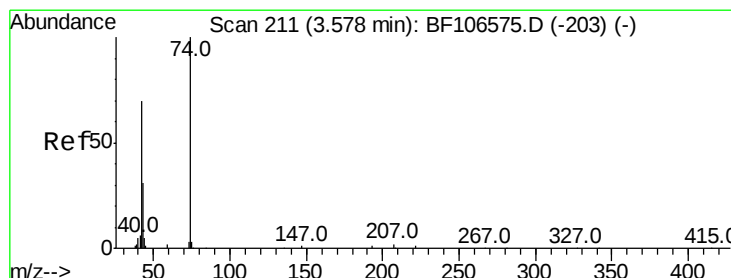
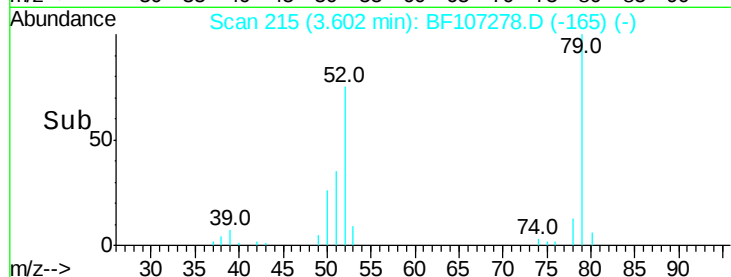
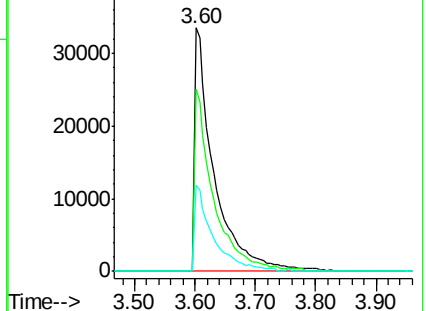
51 35.5 29.8 44.8



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: 33.061 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

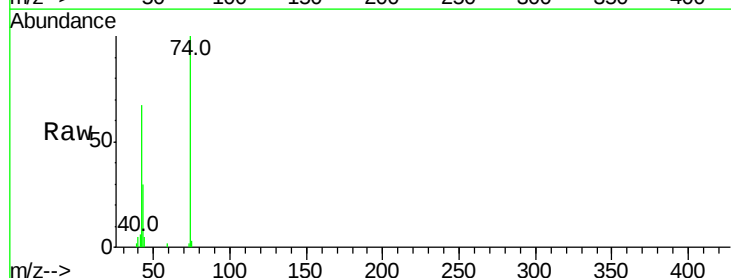
Tgt Ion: 42 Resp: 30773

Ion Ratio Lower Upper

42 100

74 149.5 104.9 157.3

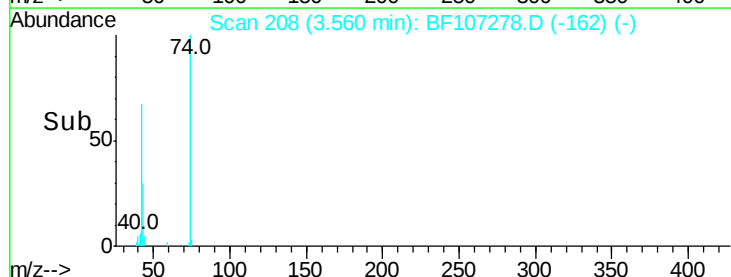
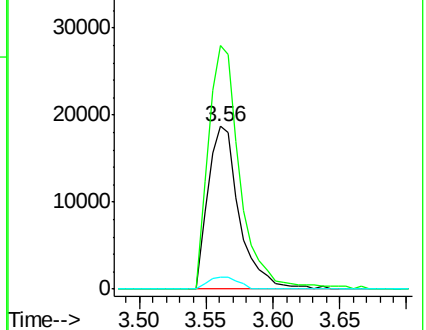
44 7.6 6.9 10.3

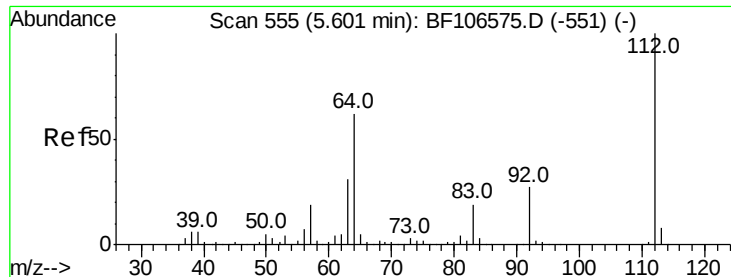


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.026 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

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TP-9-SMSD

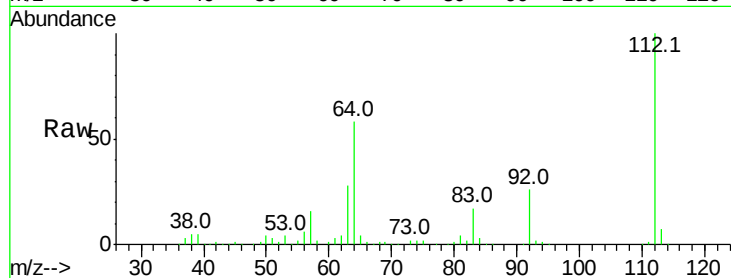
Tot Ion:112 Resp: 179222

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

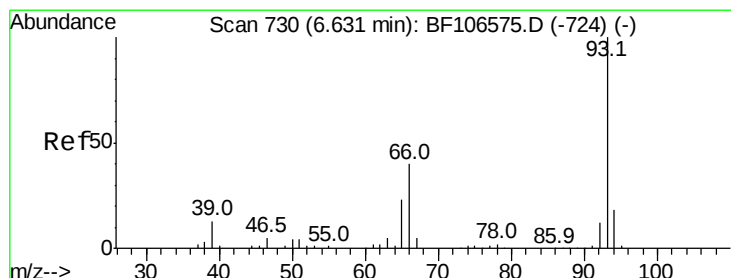
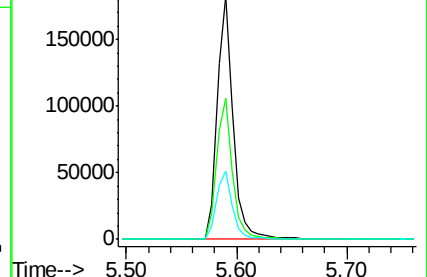
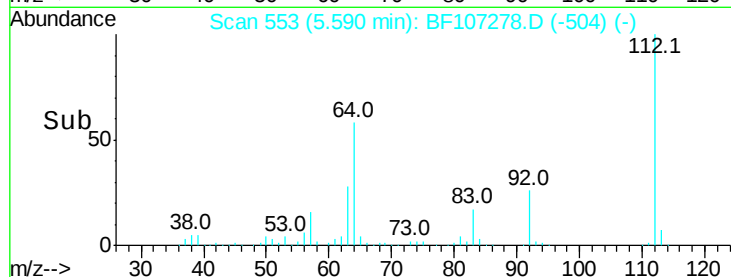
63 28.2 23.7 35.5



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



#6

Aniline

Concen: 20.042 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

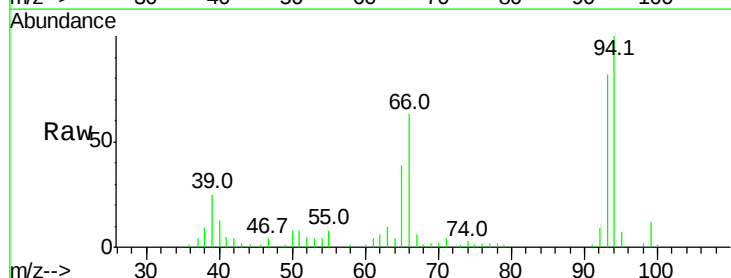
Tgt Ion: 93 Resp: 53362

Ion Ratio Lower Upper

93 100

66 76.7 32.2 48.2#

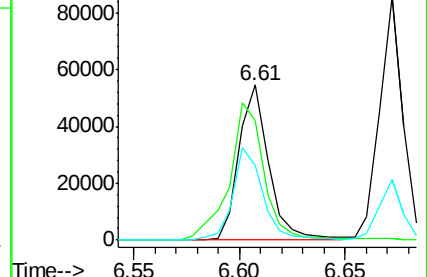
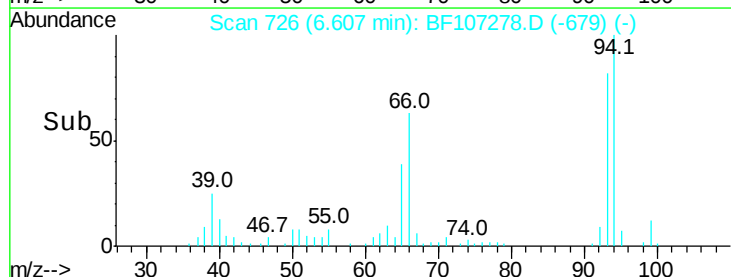
65 48.3 16.4 24.6#

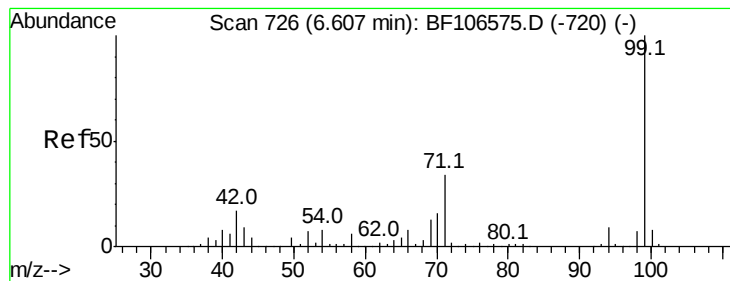


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.594 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107278.D

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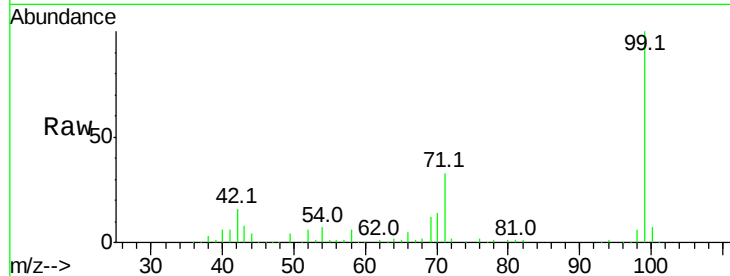
Tot Ion: 99 Resp: 207264

Ion Ratio Lower Upper

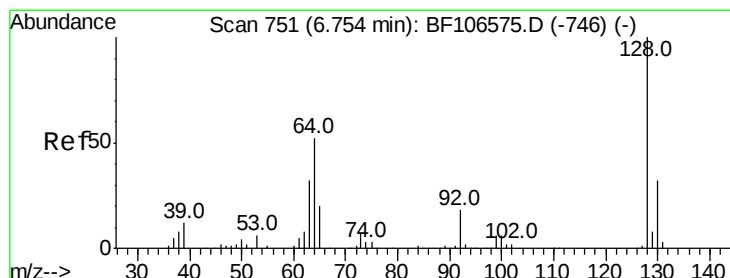
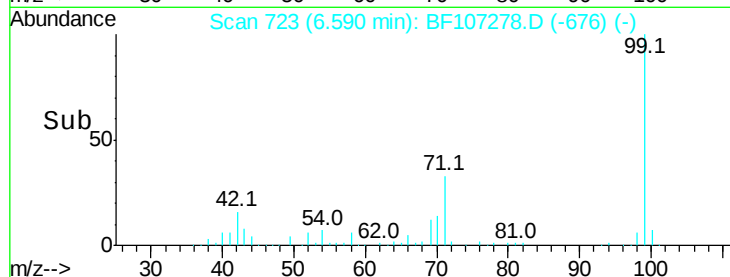
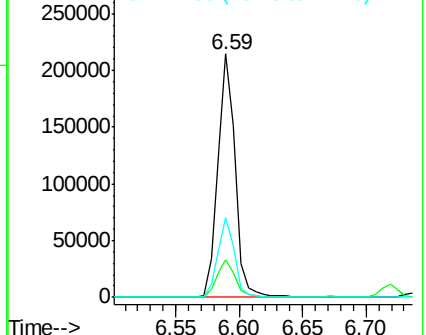
99 100

42 15.6 14.5 21.7

71 32.5 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: 35.849 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

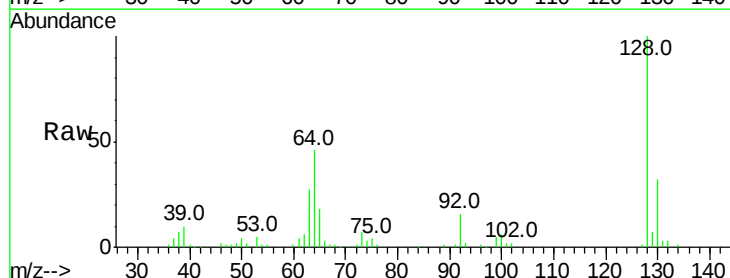
Tgt Ion: 128 Resp: 61801

Ion Ratio Lower Upper

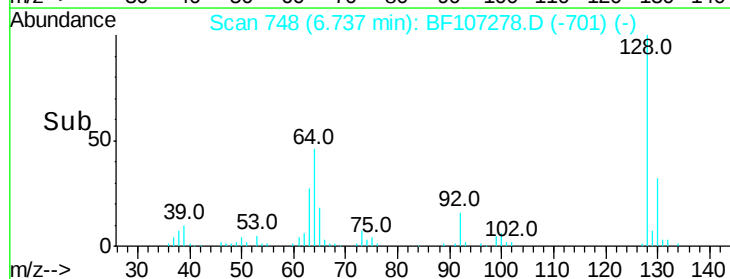
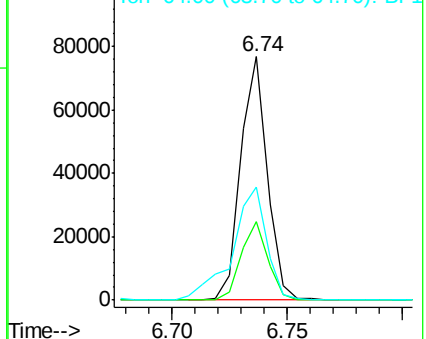
128 100

130 32.3 13.0 53.0

64 46.4 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: 16.041 ng

RT: 6.50 min Scan# 707

Delta R.T. -0.02 min

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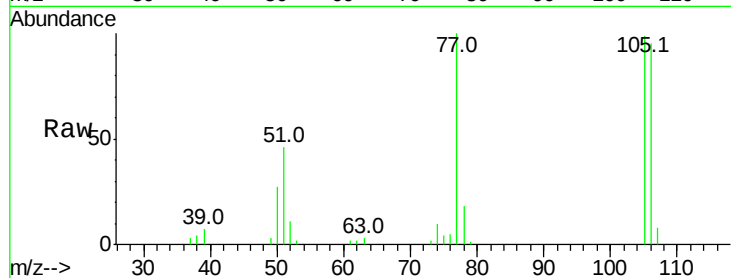
Tot Ion: 77 Resp: 25173

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

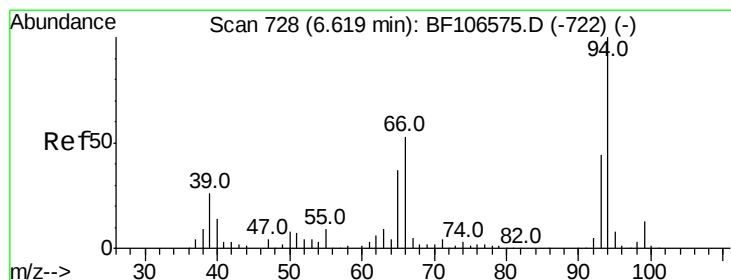
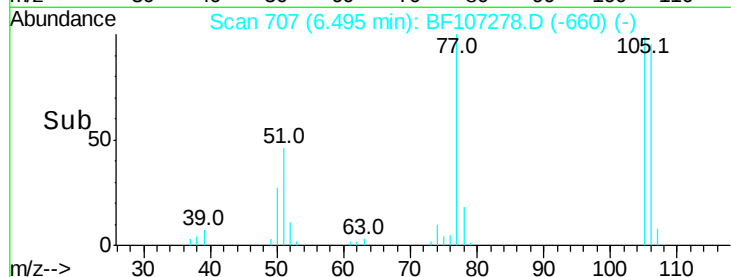
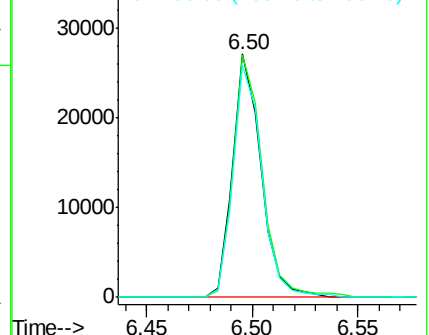
106 95.2 74.5 114.5



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: 34.435 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

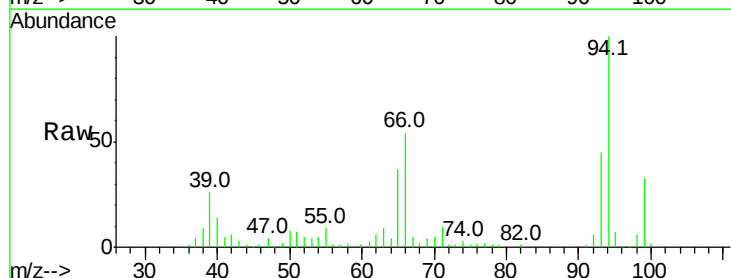
Tgt Ion: 94 Resp: 77137

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

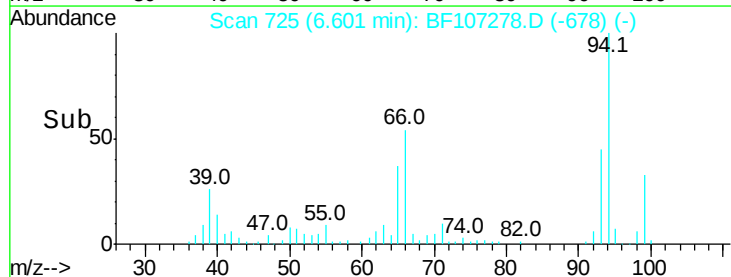
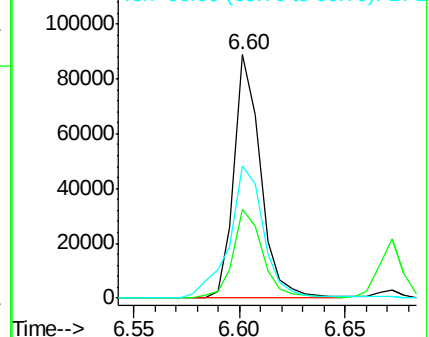
66 54.5 16.2 56.2



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: 35.361 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

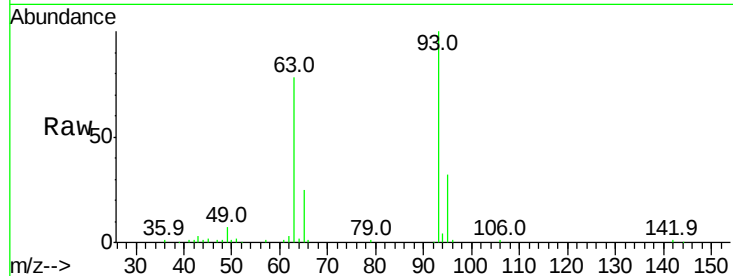
Tot Ion: 93 Resp: 65393

Ion Ratio Lower Upper

93 100

63 77.7 58.6 98.6

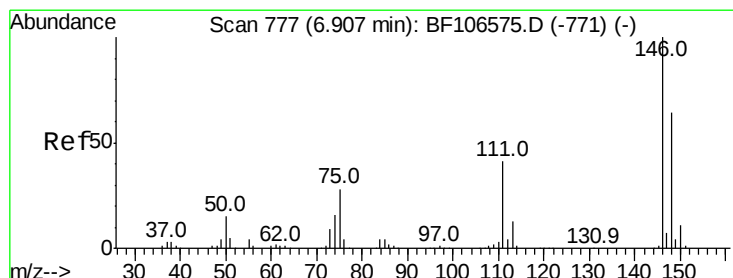
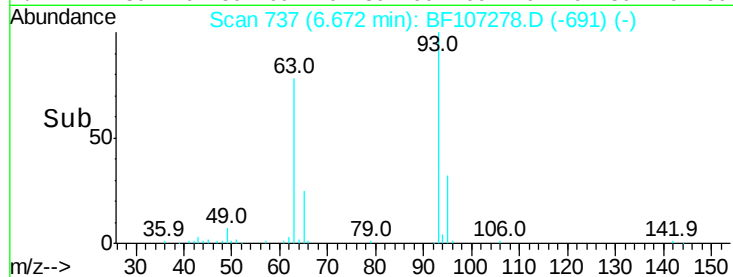
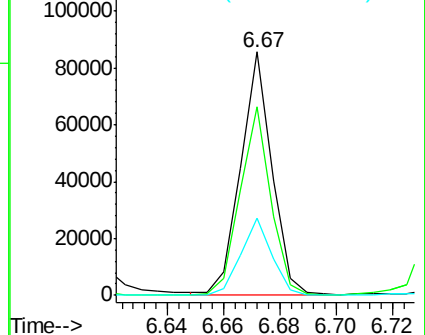
95 31.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.589 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

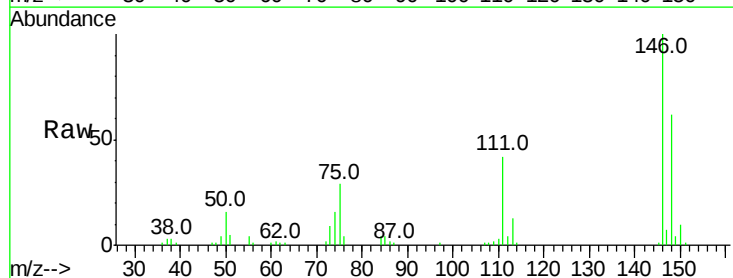
Tgt Ion:146 Resp: 75896

Ion Ratio Lower Upper

146 100

148 61.6 51.8 77.8

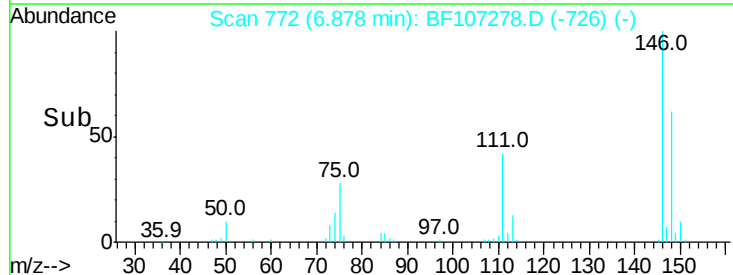
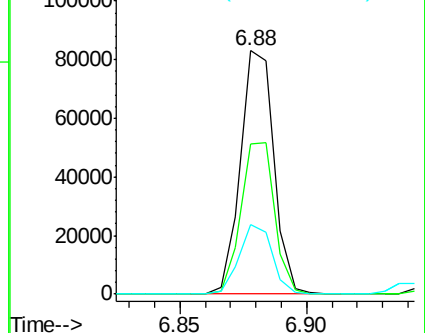
75 28.8 24.2 36.4

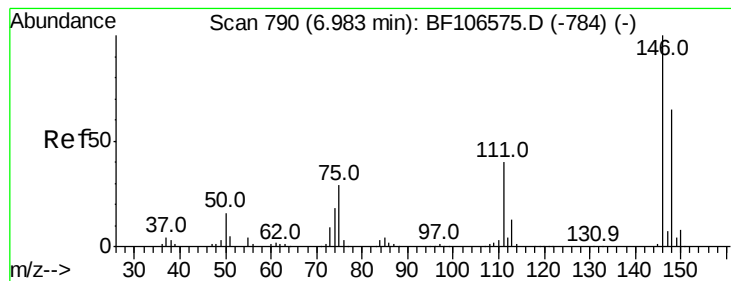


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.641 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

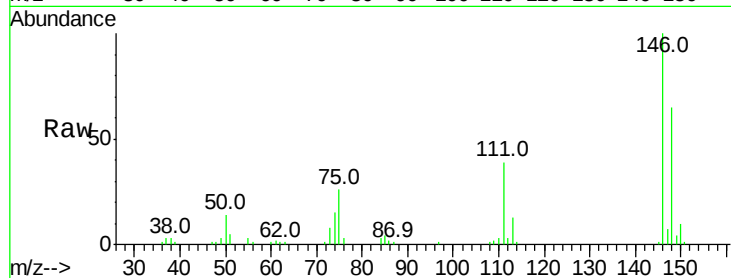
Tot Ion:146 Resp: 74796

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

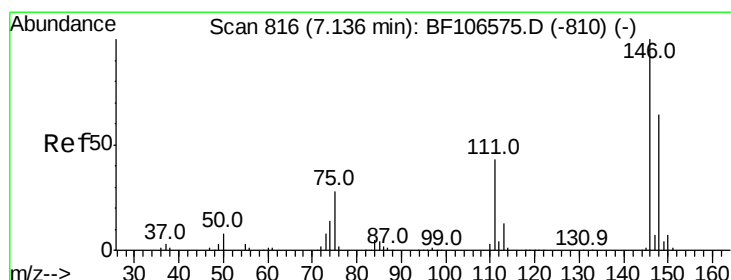
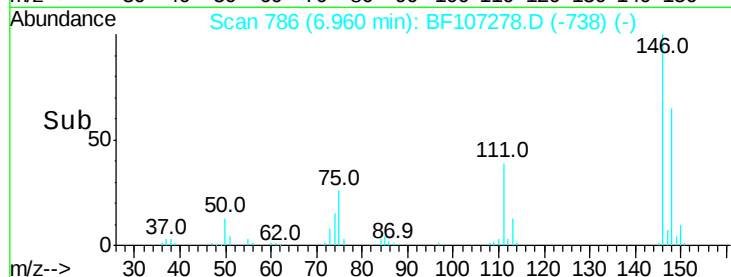
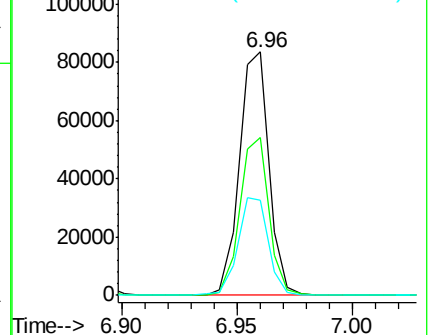
111 39.1 34.2 51.2



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: 37.273 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

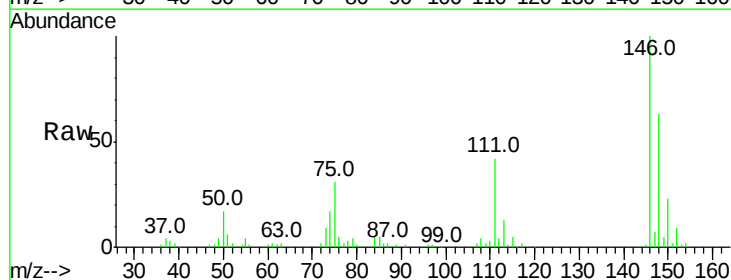
Tgt Ion:146 Resp: 69731

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

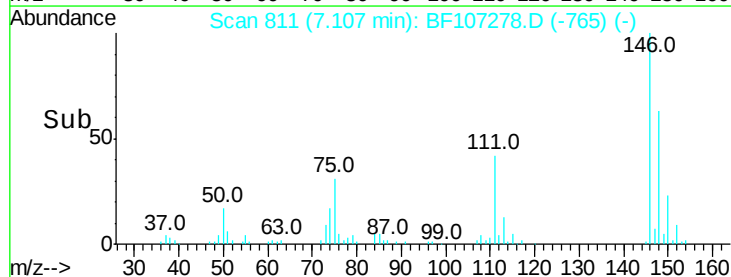
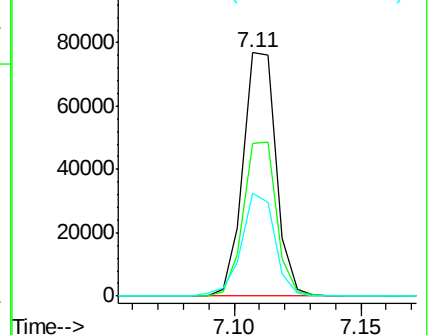
111 42.1 36.0 54.0



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

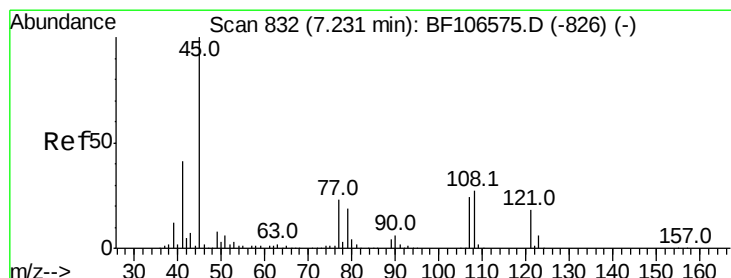
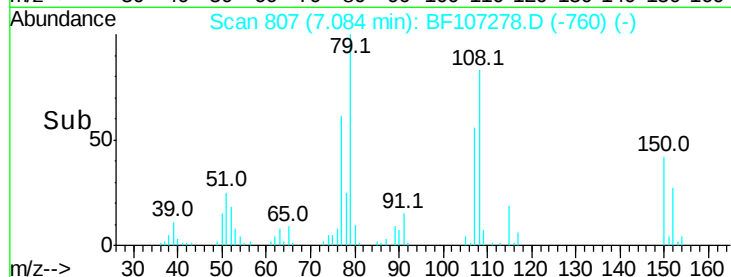
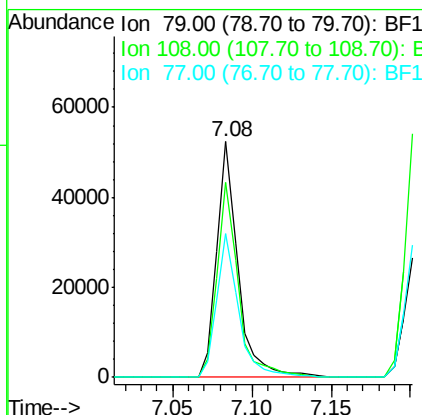
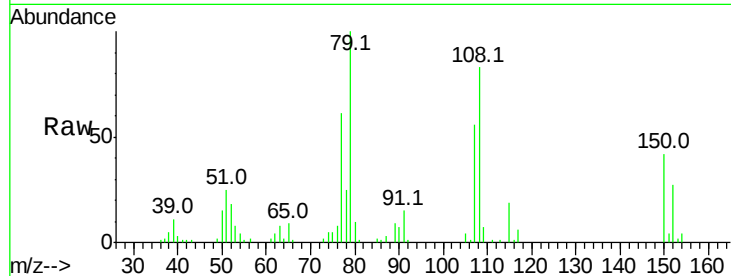




#15
Benzyl Alcohol
Concen: 31.190 ng
RT: 7.08 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

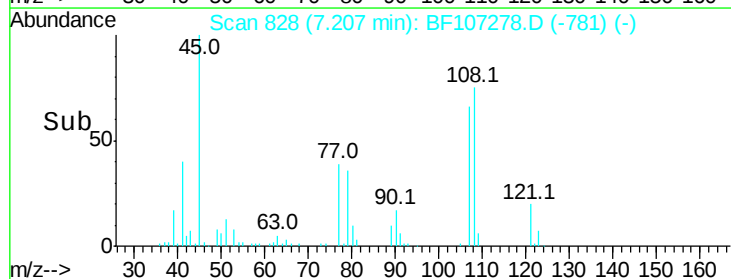
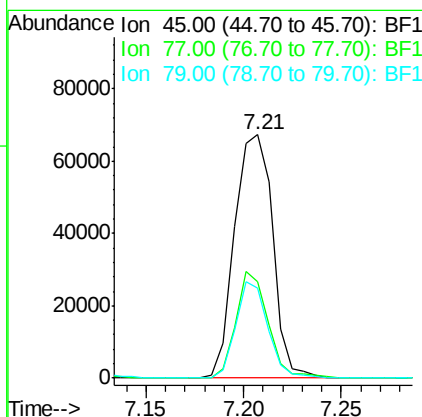
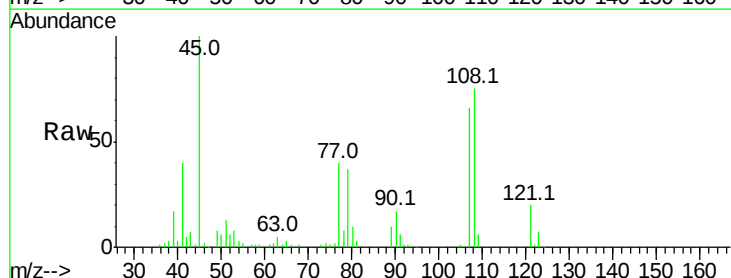
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

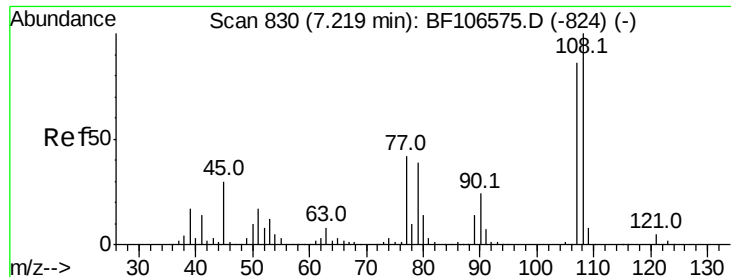
Tot Ion: 79 Resp: 49158
Ion Ratio Lower Upper
79 100
108 82.5 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.403 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion: 45 Resp: 90752
Ion Ratio Lower Upper
45 100
77 39.7 0.0 32.9#
79 37.0 0.0 29.6#





#17

2-Methylphenol

Concen: 33.814 ng

RT: 7.20 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

Tot Ion:107 Resp: 49886

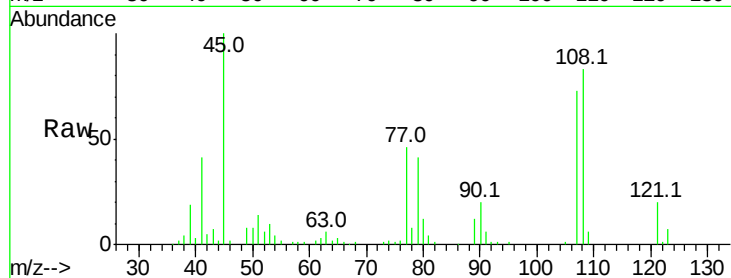
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 62.4 33.8 50.8#

79 56.0 33.8 50.8#



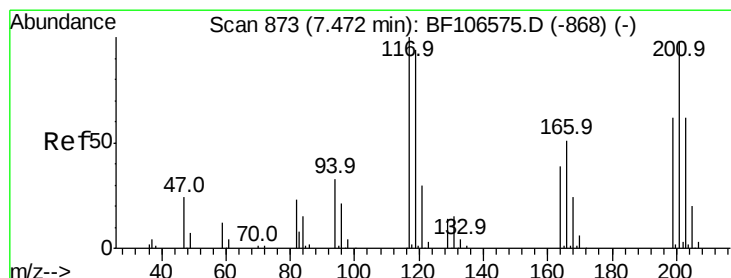
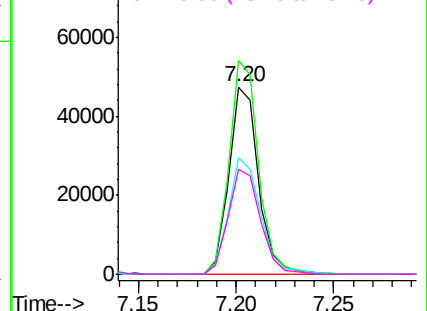
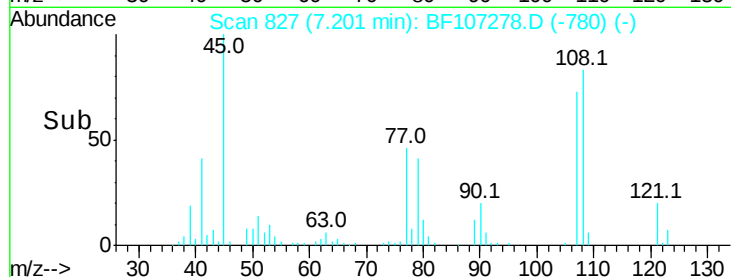
Abundance

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: 26.079 ng

RT: 7.44 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

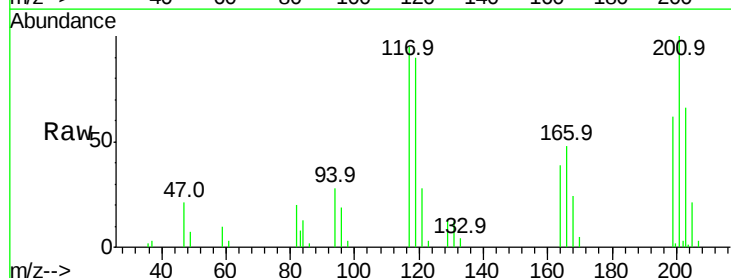
Tgt Ion:117 Resp: 18721

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

201 105.4 75.7 113.5

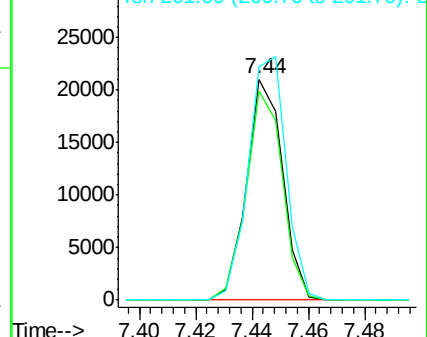
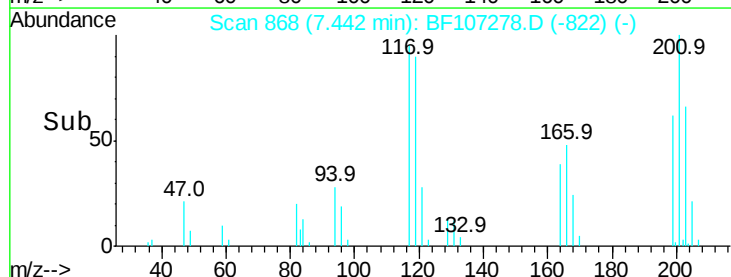


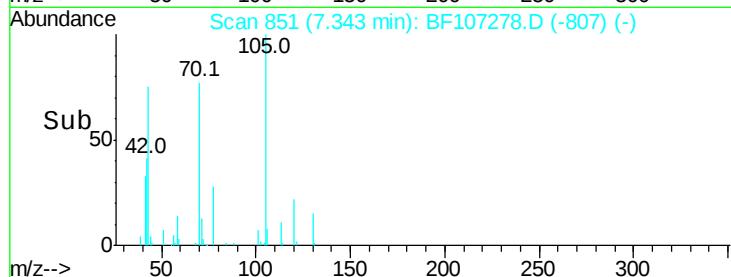
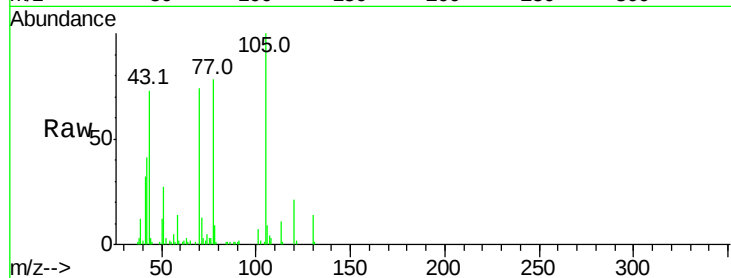
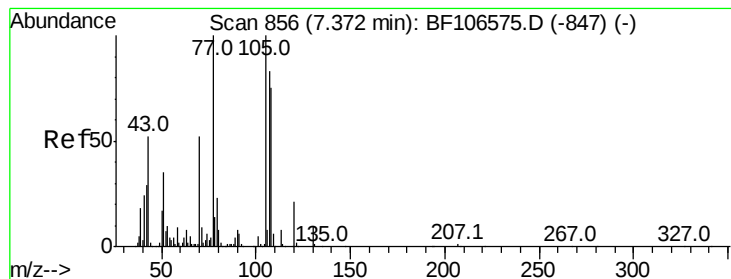
Abundance

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: 34.048 ng

RT: 7.34 min Scan# 851

Delta R.T. -0.04 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

Tot Ion: 70 Resp: 44052

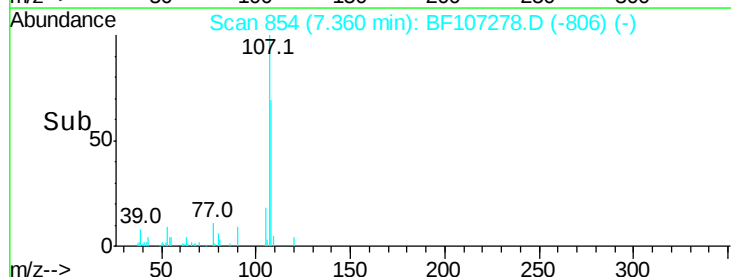
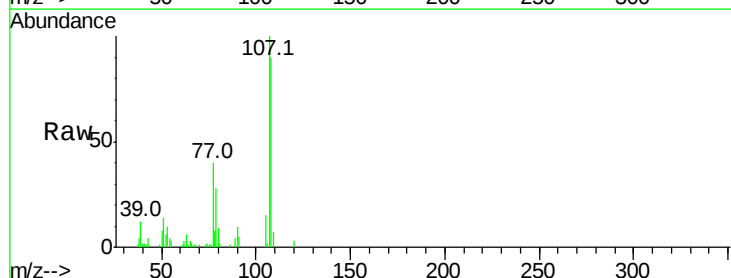
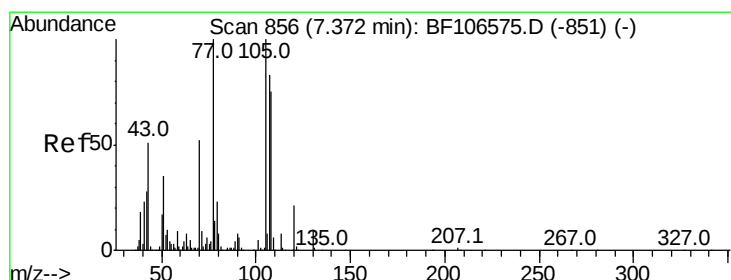
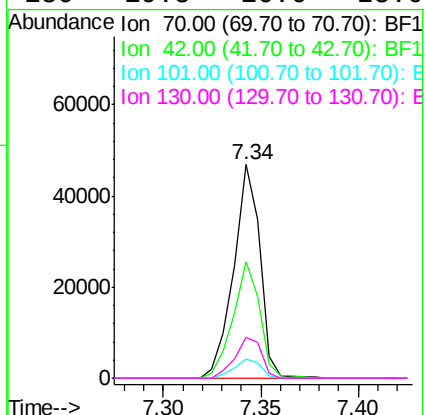
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 9.1 7.4 11.2

130 19.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.436 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Tgt Ion:107 Resp: 66252

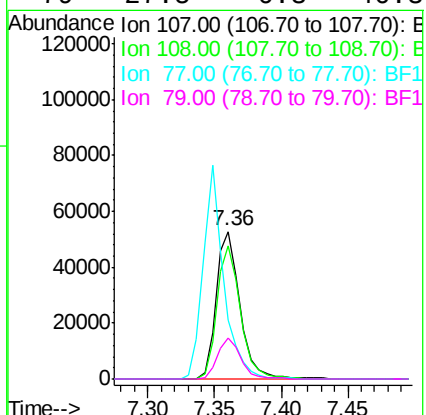
Ion Ratio Lower Upper

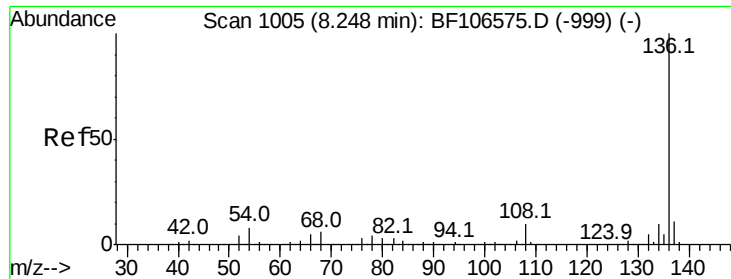
107 100

108 90.3 68.2 108.2

77 39.9 26.7 66.7

79 27.5 6.3 46.3

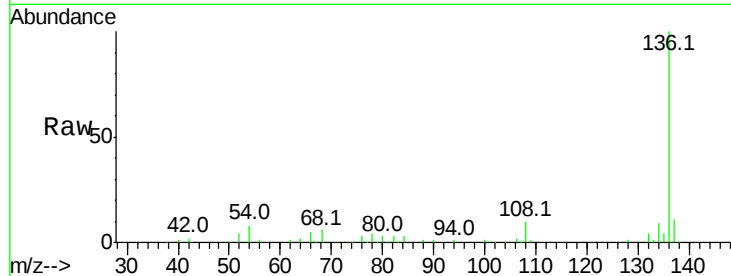




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:136	Resp:	91924	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.9	13.3	
54 7.8	6.6	9.8	
68 6.1	5.0	7.4	

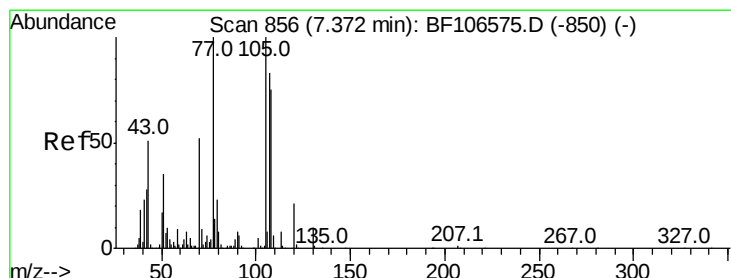
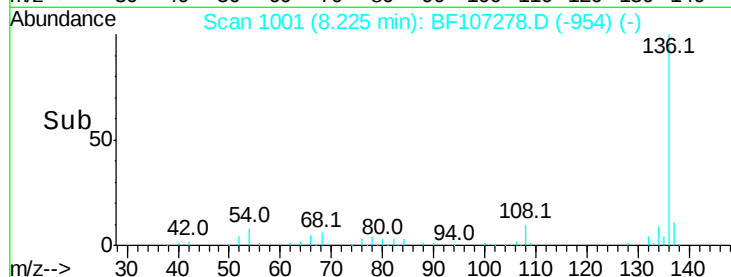
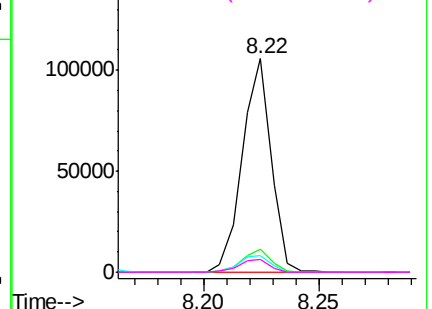


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

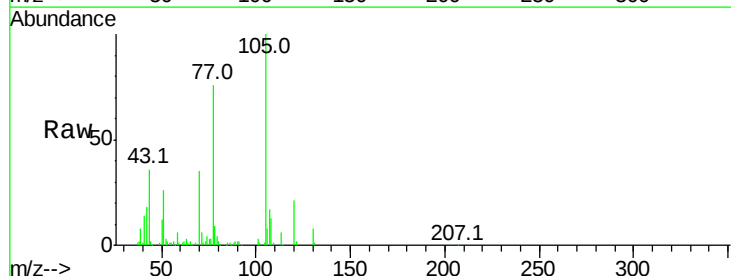
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.564 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt	Ion:105	Resp:	85480
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	26.0	22.3	33.5
120	20.6	16.9	25.3

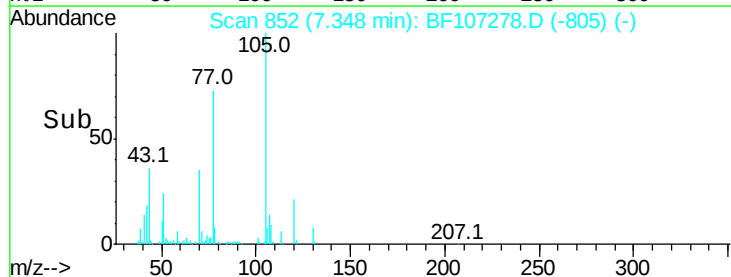
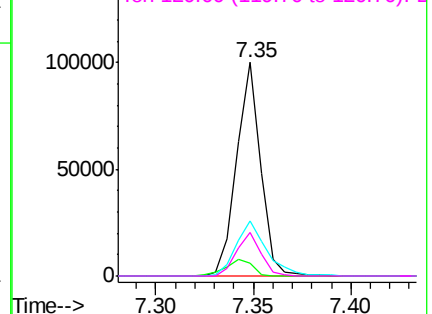


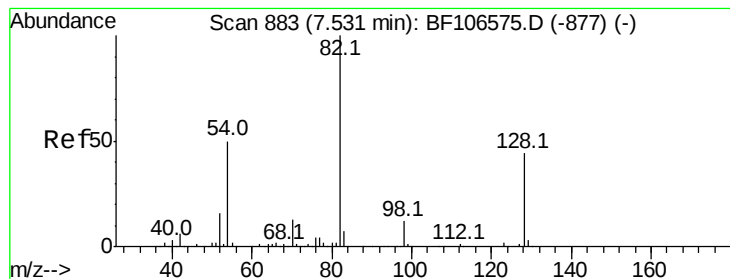
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.452 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

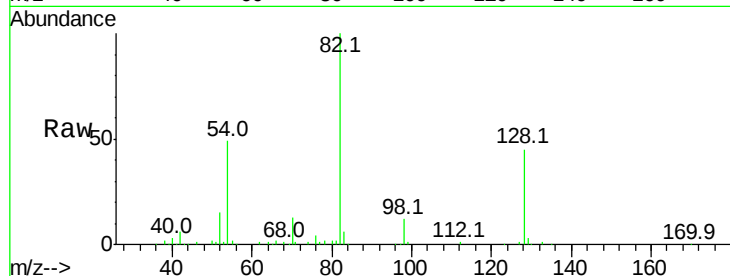
Tot Ion: 82 Resp: 124805

Ion Ratio Lower Upper

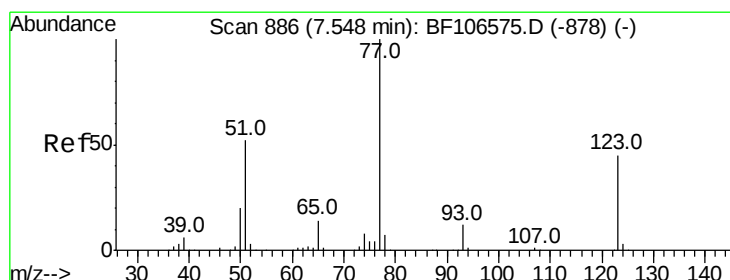
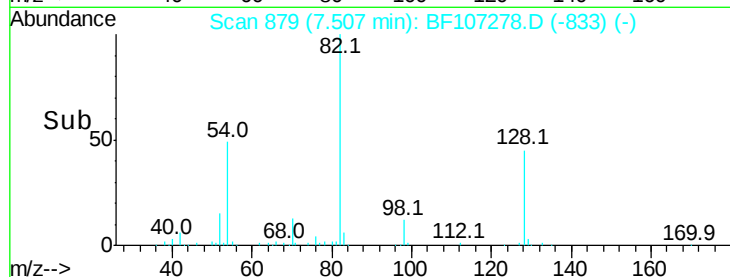
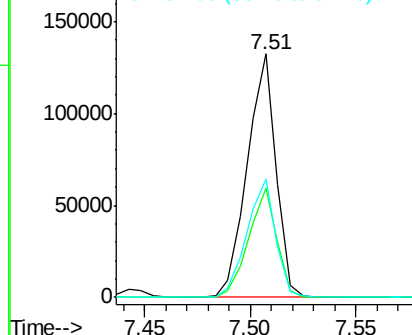
82 100

128 45.0 36.1 54.1

54 48.7 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: 37.262 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

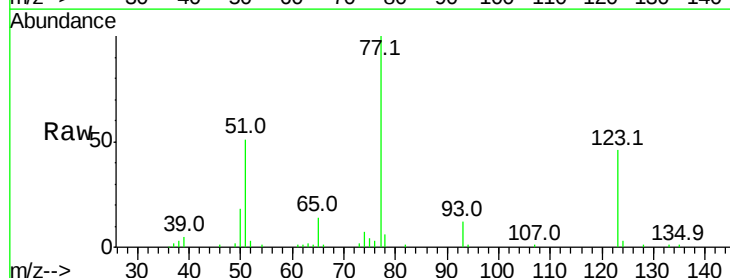
Tgt Ion: 77 Resp: 62926

Ion Ratio Lower Upper

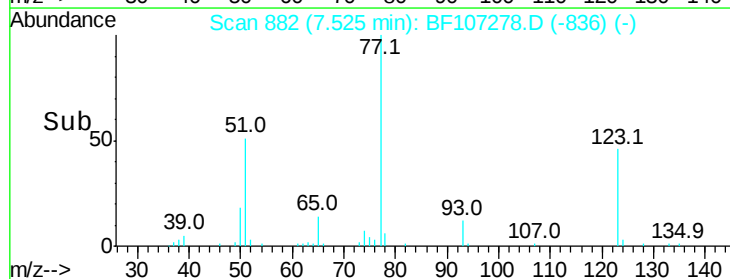
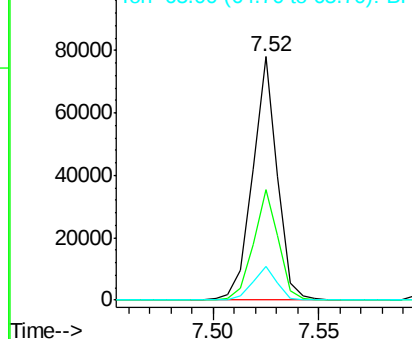
77 100

123 45.5 37.9 56.9

65 13.7 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: 38.989 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

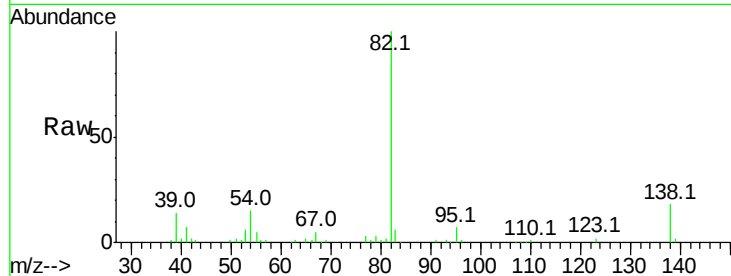
Tot Ion: 82 Resp: 113643

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

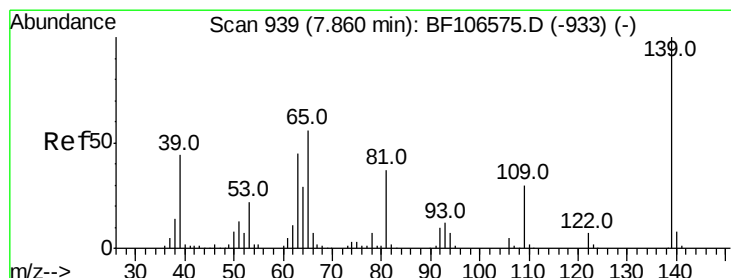
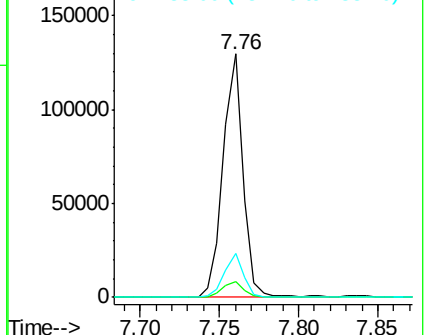
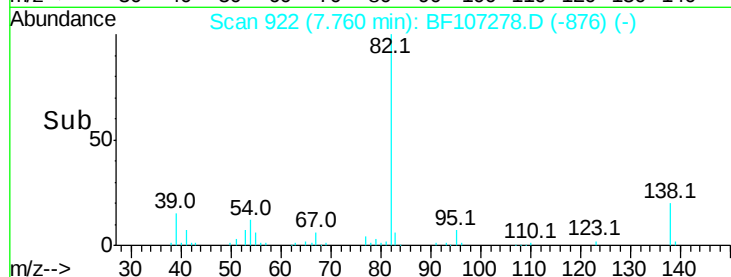
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.068 ng

RT: 7.84 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

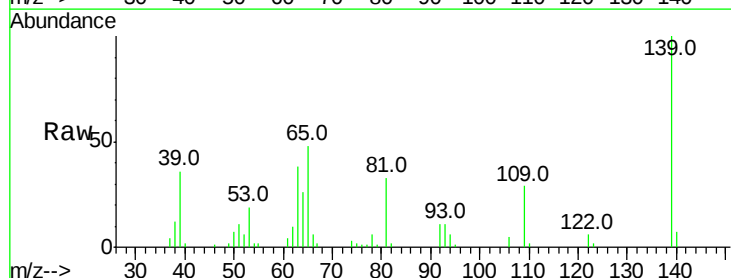
Tgt Ion: 139 Resp: 25565

Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

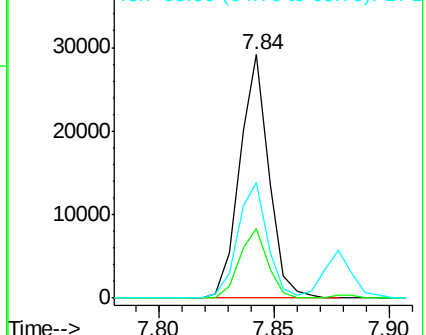
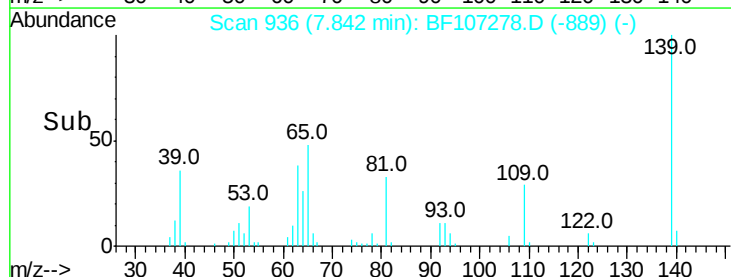
65 47.6 40.5 60.7

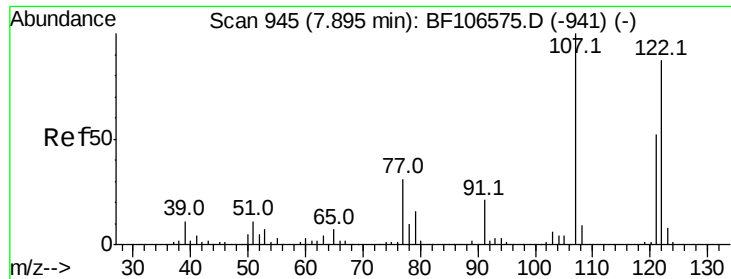


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

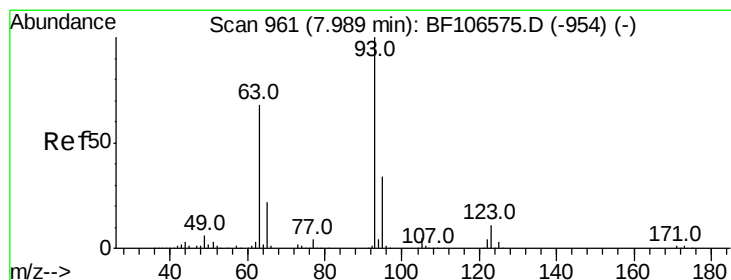
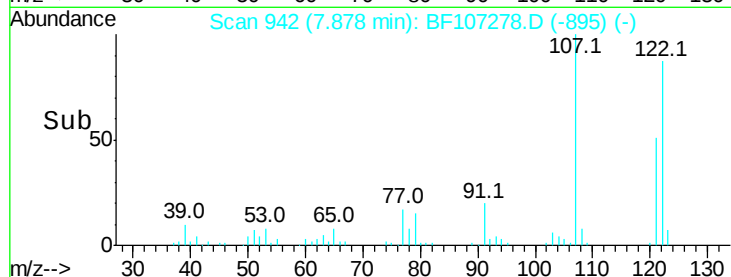
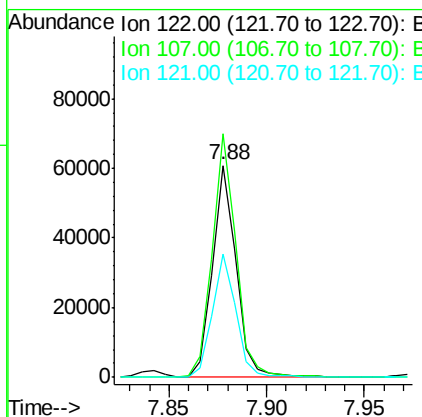
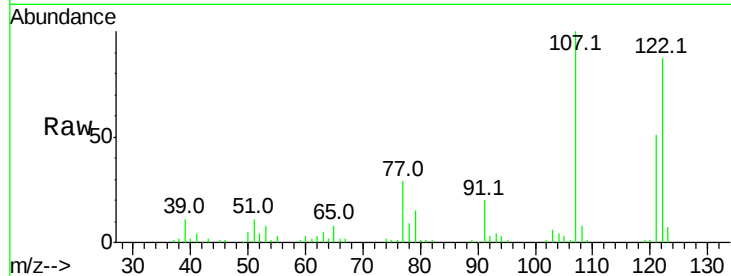




#27
 2,4-Dimethylphenol
 Concen: 41.678 ng
 RT: 7.88 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

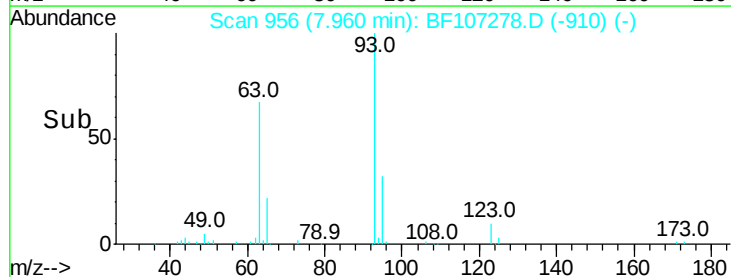
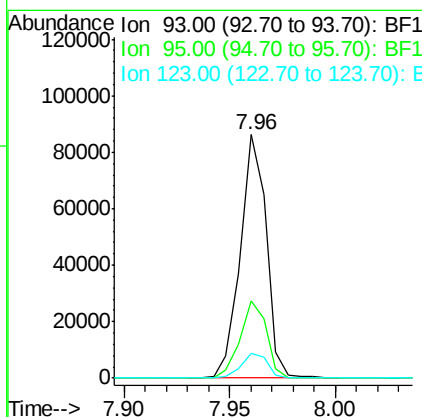
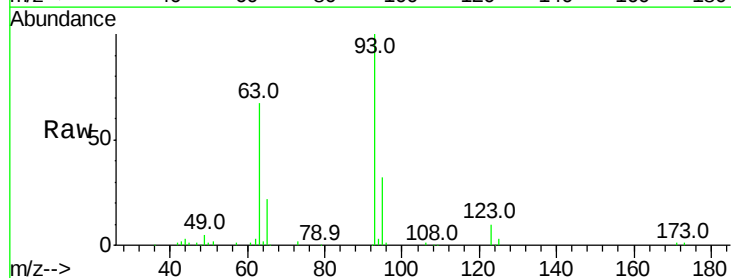
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

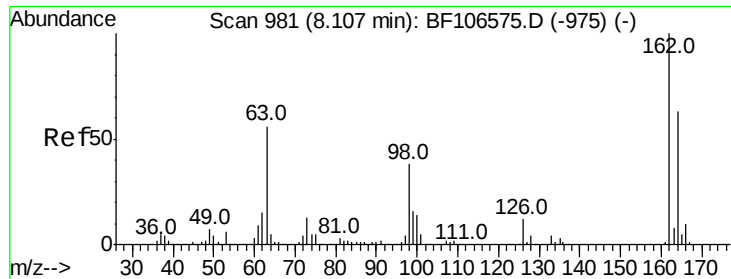
Tot Ion:122 Resp: 51356
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.527 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion: 93 Resp: 73442
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 10.2 9.8 14.6

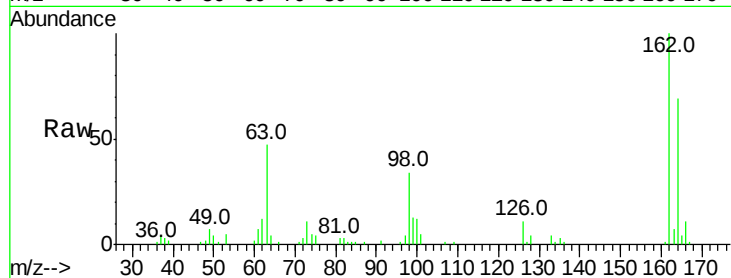




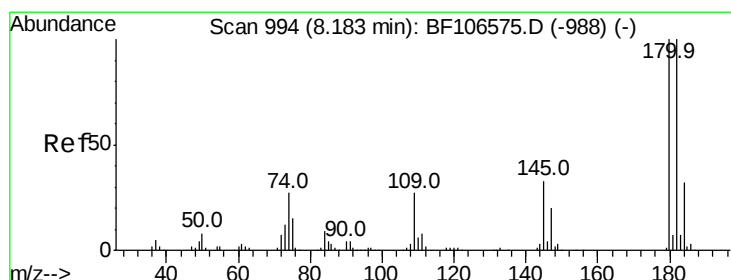
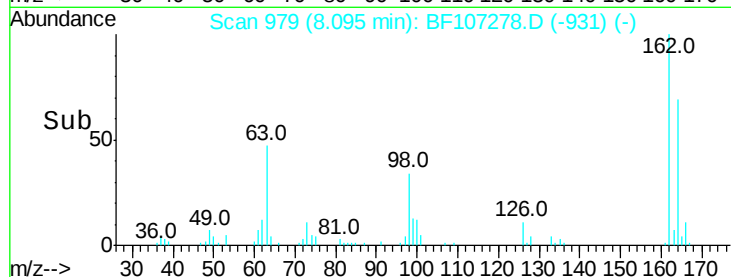
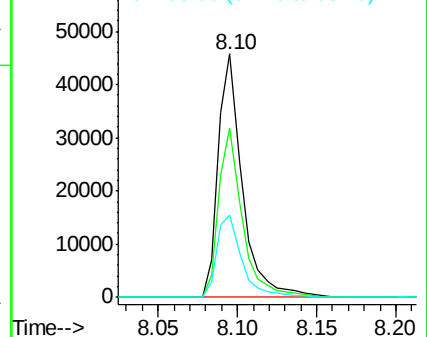
#29
 2,4-Dichlorophenol
 Concen: 37.658 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tot Ion:162 Resp: 48581
 Ion Ratio Lower Upper
 162 100
 164 69.4 42.7 82.7
 98 33.9 18.1 58.1

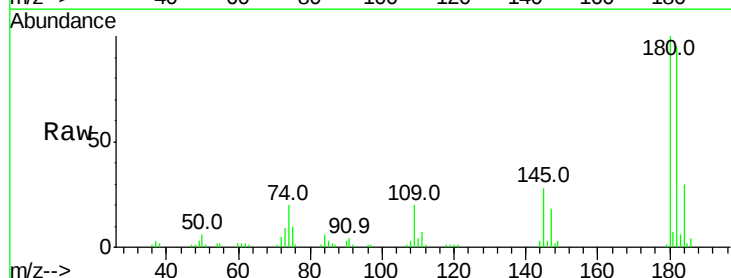


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

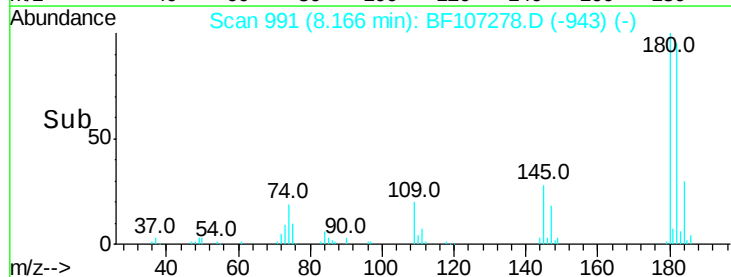
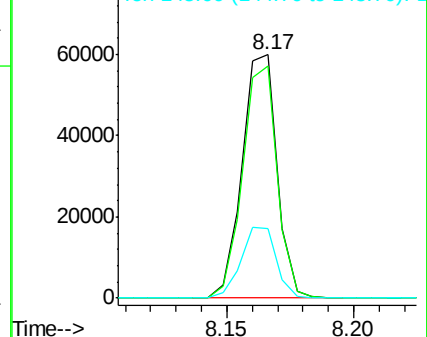


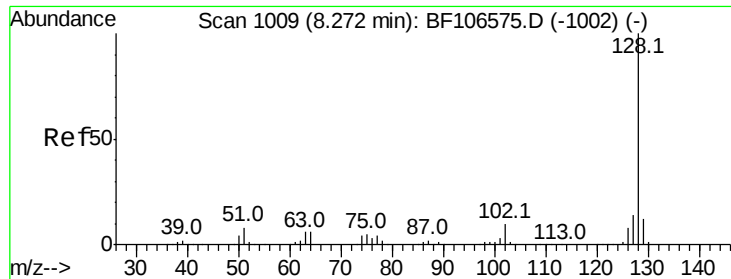
#30
 1,2,4-Trichlorobenzene
 Concen: 40.278 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:180 Resp: 57241
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 145 28.4 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

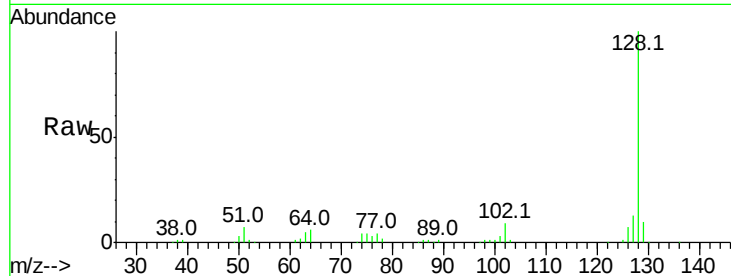




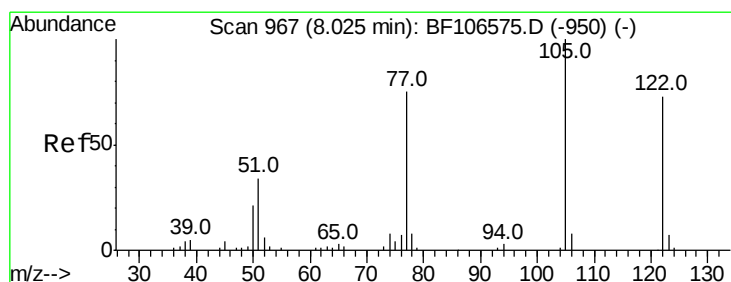
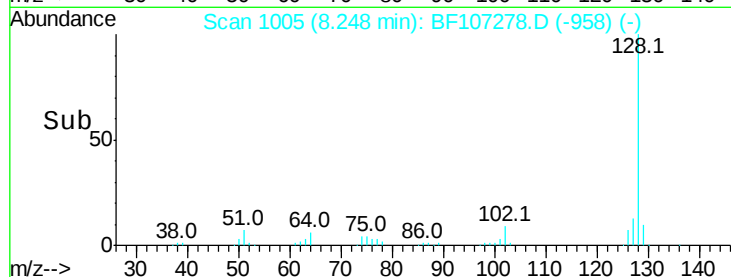
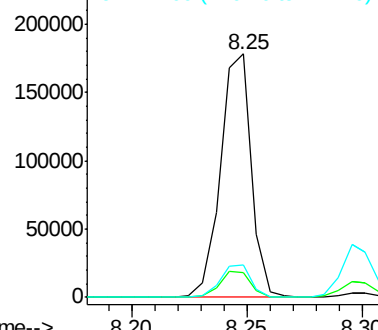
#31
Naphthalene
Concen: 38.817 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:128 Resp: 166826
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.2 10.9 16.3

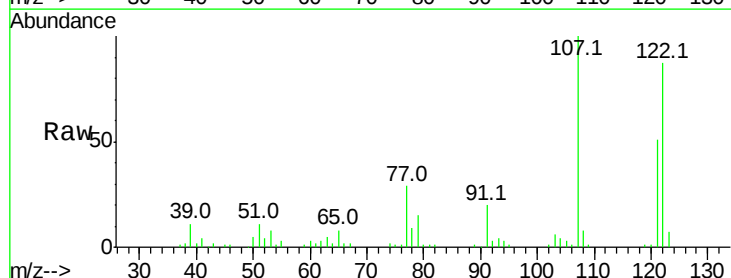


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

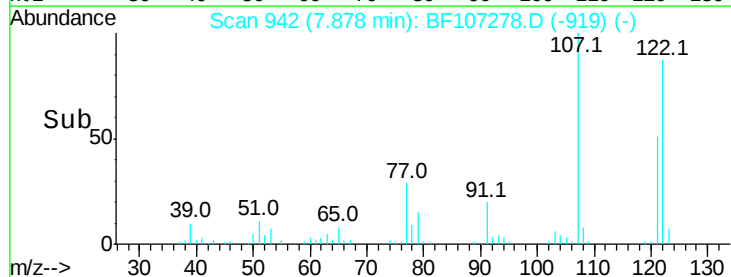
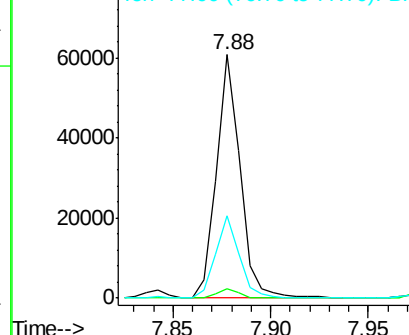


#32
Benzoic acid
Concen: 56.187 ng
RT: 7.88 min Scan# 942
Delta R.T. -0.16 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:122 Resp: 51356
Ion Ratio Lower Upper
122 100
105 3.6 101.1 141.1#
77 33.7 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

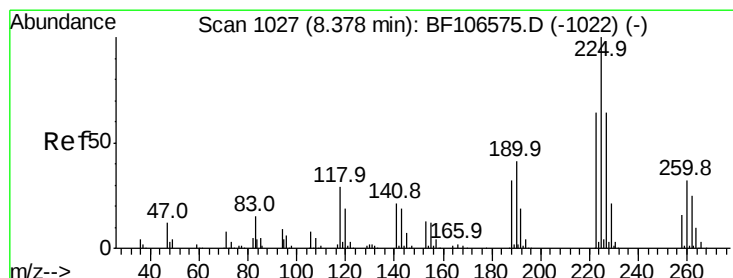
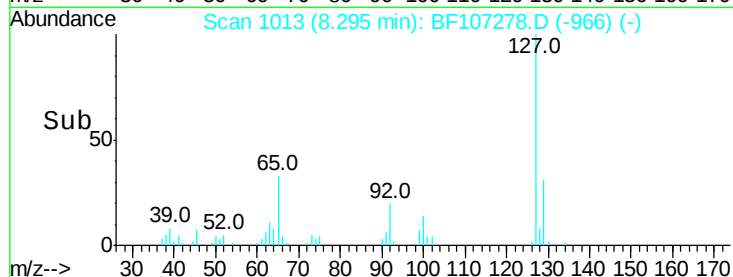
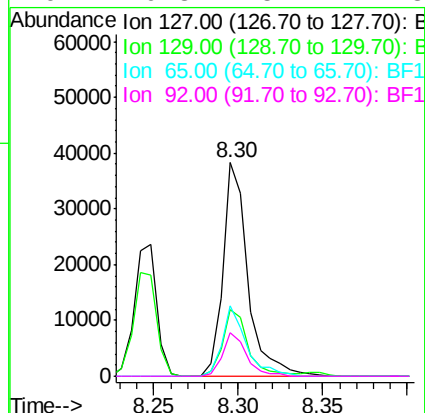
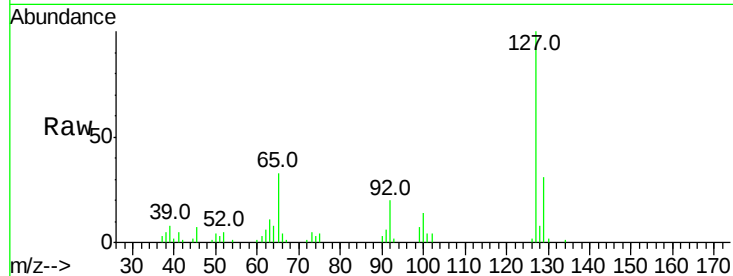




#33
4-Chloroaniline
Concen: 21.859 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

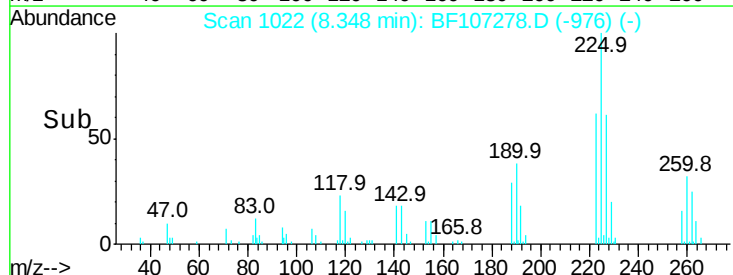
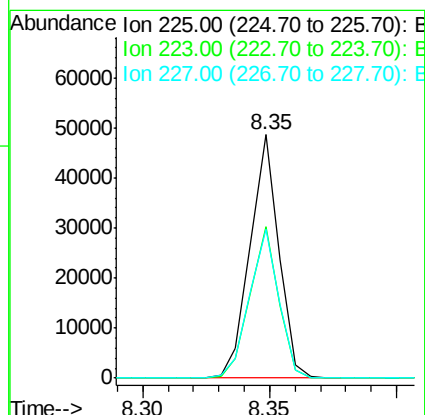
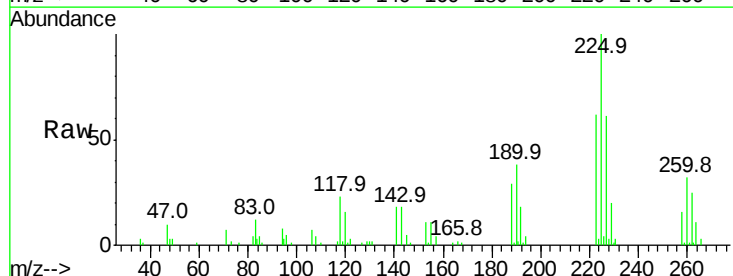
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

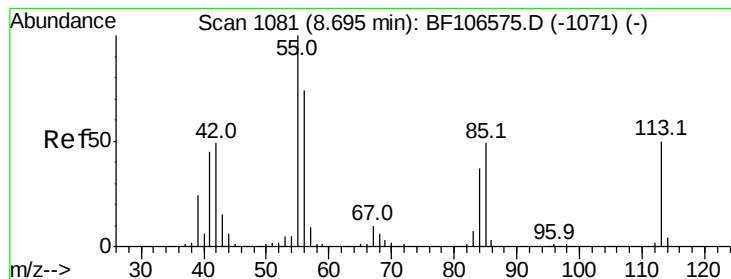
Tot Ion:	127	Resp:	39418
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	32.9	25.0	37.4
92	20.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.588 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:	225	Resp:	38511
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	61.2	51.9	77.9





#35

Caprolactam

Concen: 32.550 ng

RT: 8.65 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

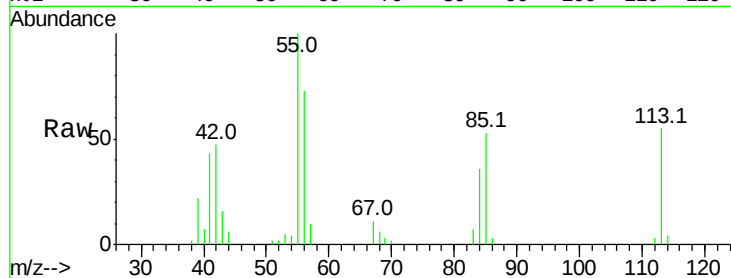
Tot Ion:113 Resp: 13688

Ion Ratio Lower Upper

113 100

55 180.5 163.3 203.3

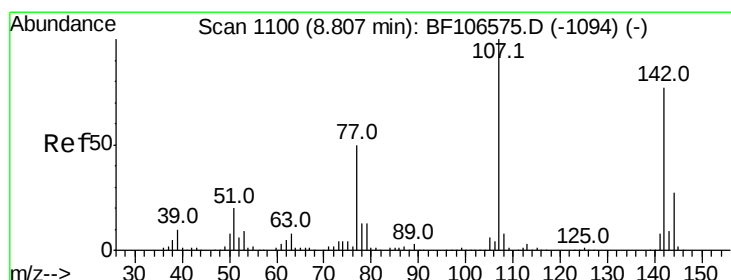
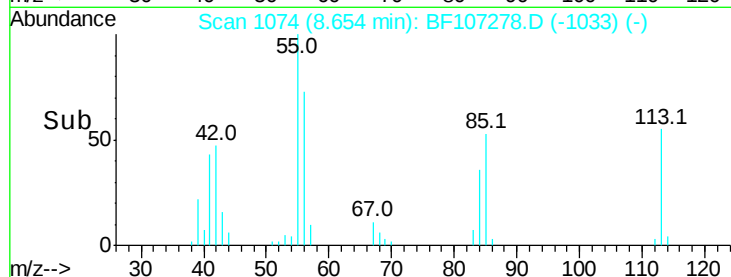
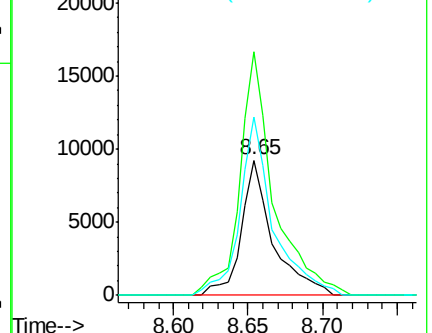
56 131.9 115.7 155.7



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: 34.500 ng

RT: 8.79 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

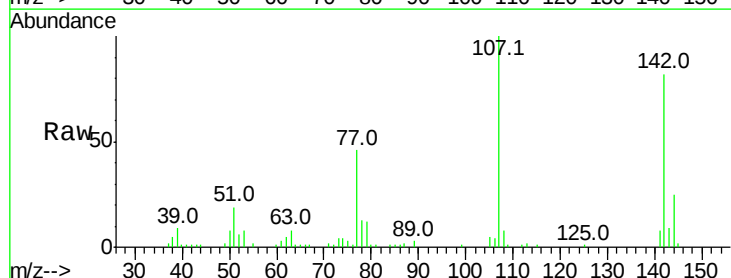
Tgt Ion:107 Resp: 46846

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

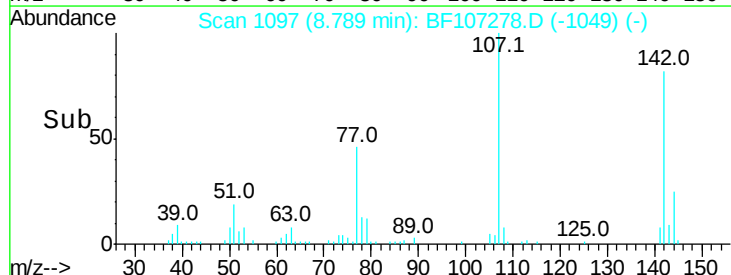
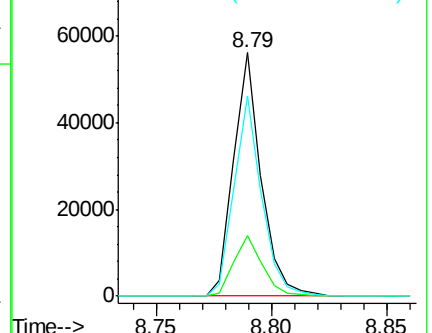
142 82.2 62.0 93.0



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

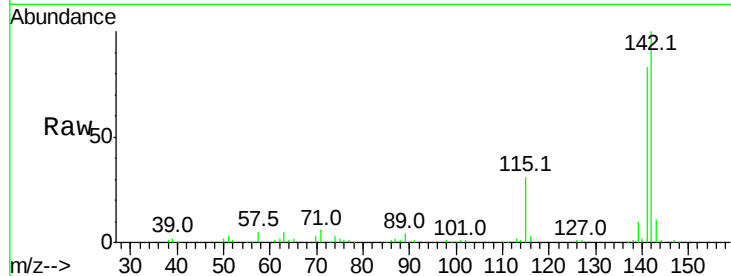




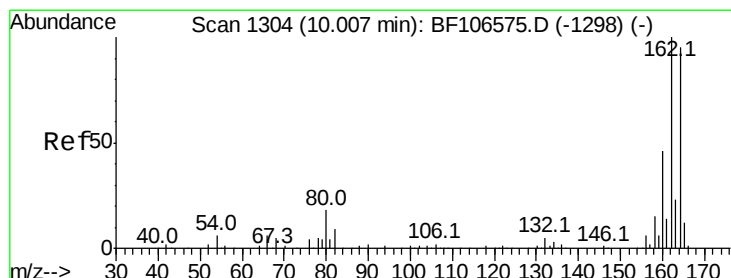
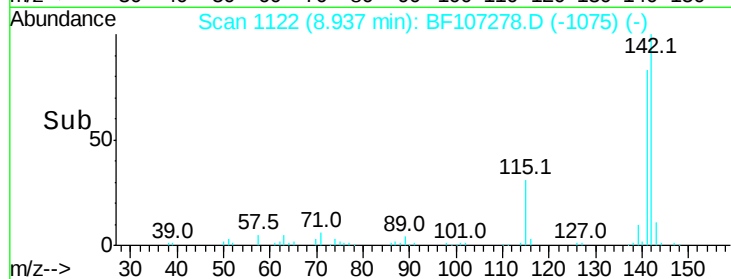
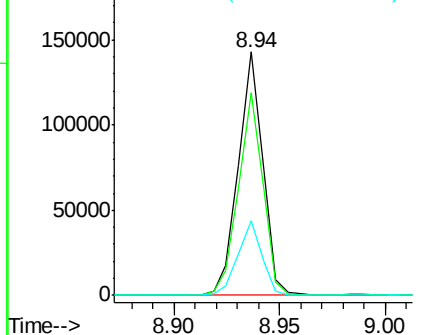
#37
 2-Methylnaphthalene
 Concen: 40.209 ng
 RT: 8.94 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tot Ion:142 Resp: 114542
 Ion Ratio Lower Upper
 142 100
 141 83.2 70.8 106.2
 115 30.6 26.1 39.1

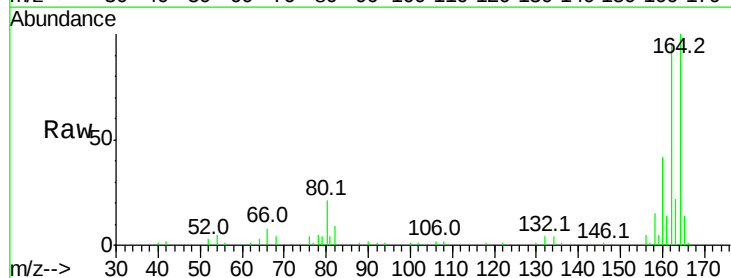


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

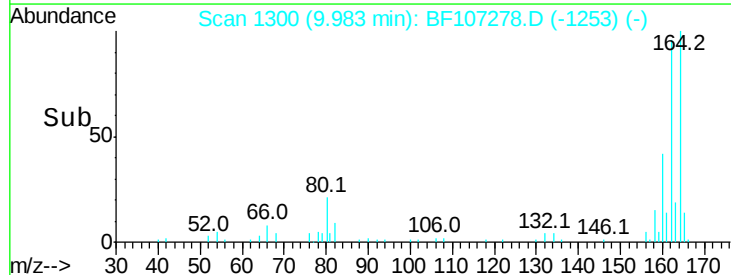
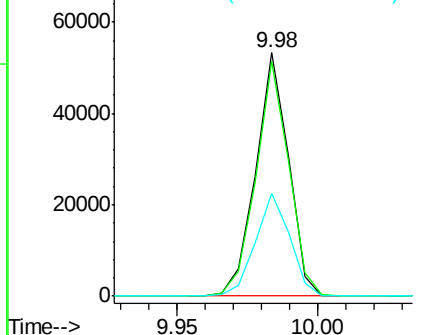


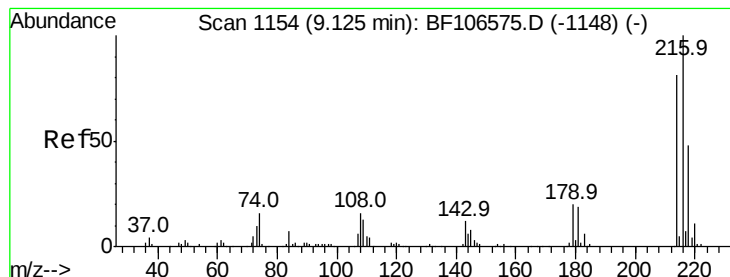
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:164 Resp: 42844
 Ion Ratio Lower Upper
 164 100
 162 96.2 86.1 129.1
 160 42.2 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: 40.658 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

Tot Ion:216 Resp: 58663

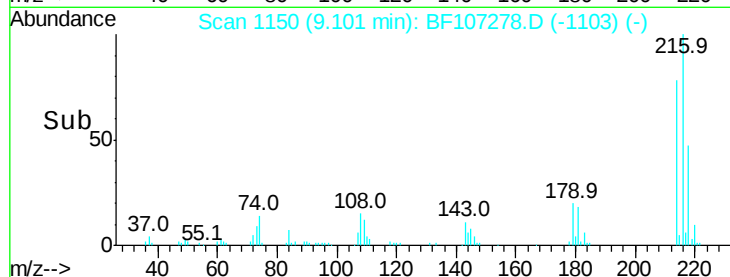
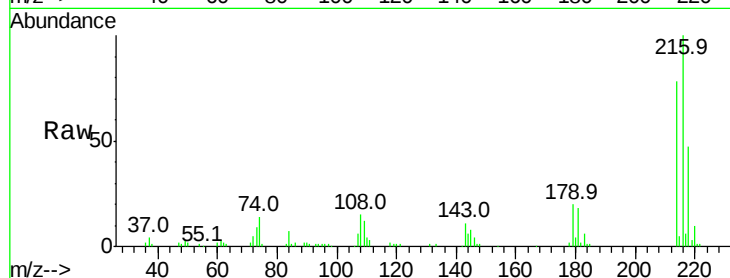
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 19.2 18.1 27.1

108 13.7 17.2 25.8#

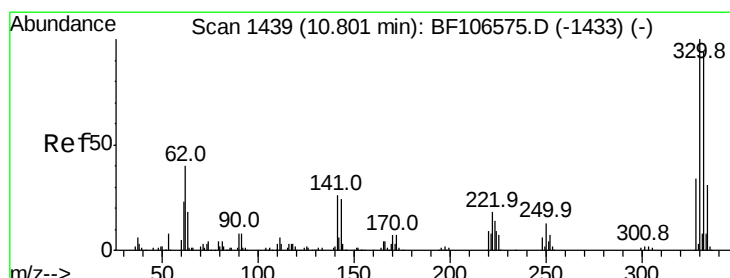
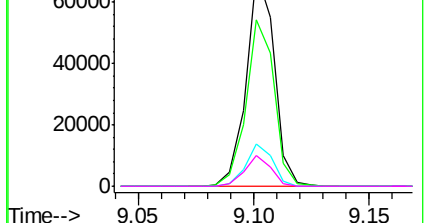


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 117.318 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

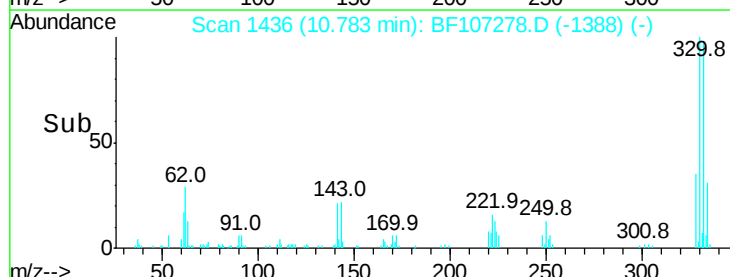
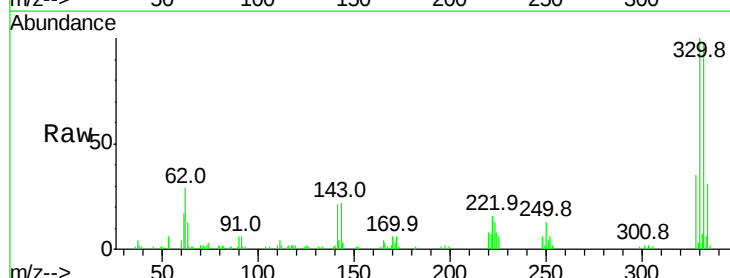
Tgt Ion:330 Resp: 58257

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

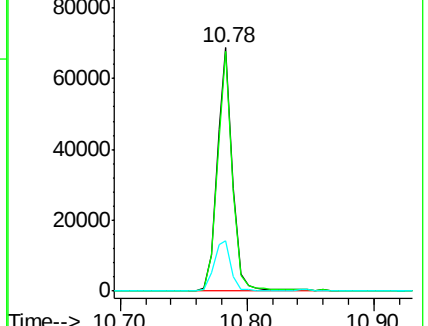
141 22.9 29.9 44.9#



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

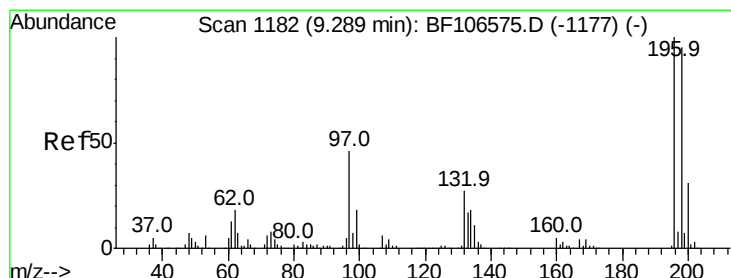
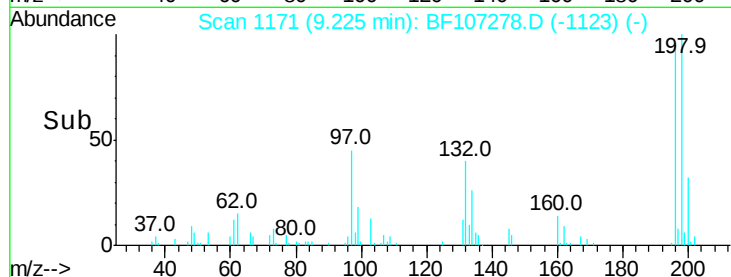
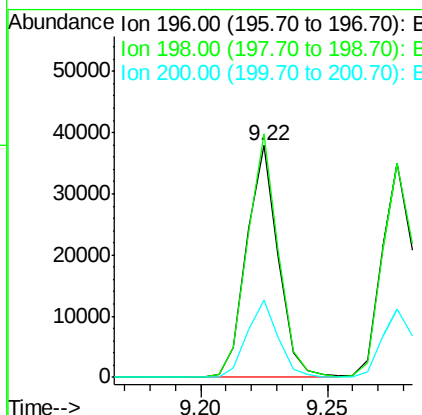
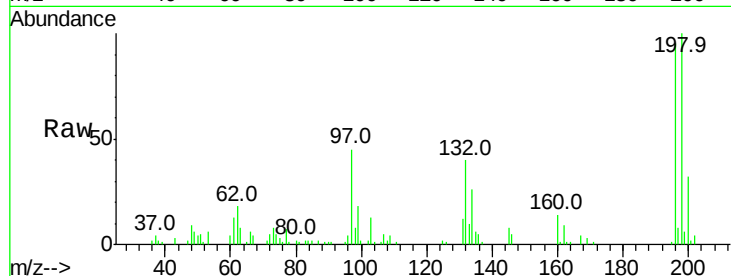




#42
 2,4,6-Trichlorophenol
 Concen: 34.260 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

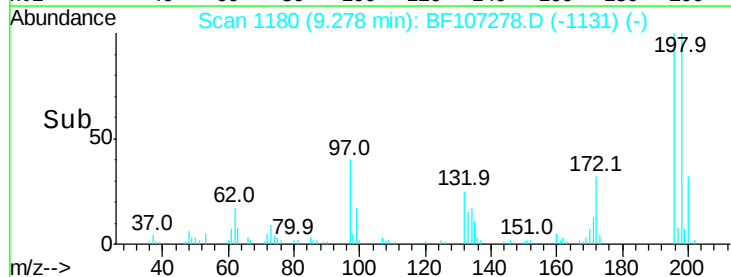
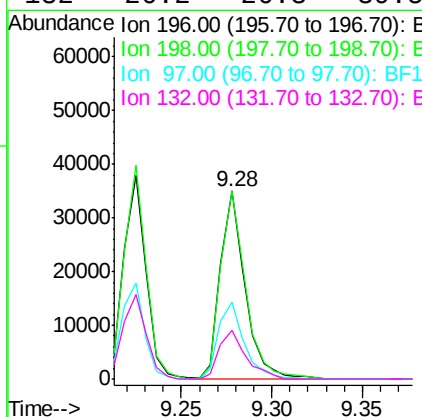
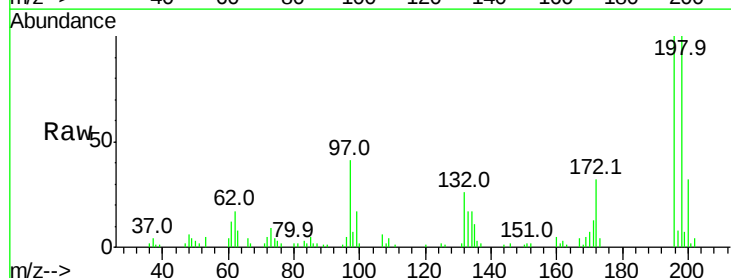
Instrument :
 BNA_F
 ClientSampled :
 TP-9-SMSD

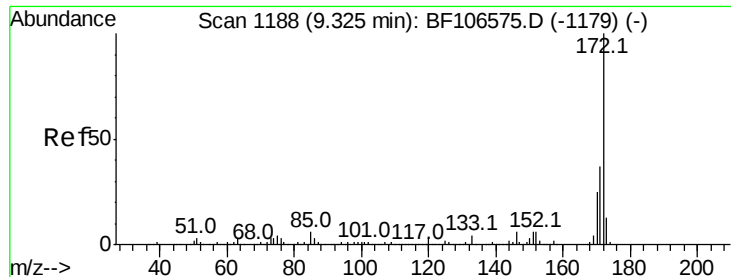
Tot Ion:196 Resp: 32858
 Ion Ratio Lower Upper
 196 100
 198 105.0 75.7 113.5
 200 33.3 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 33.426 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:196 Resp: 33452
 Ion Ratio Lower Upper
 196 100
 198 99.9 74.6 112.0
 97 40.8 42.9 64.3#
 132 26.2 26.3 39.5#

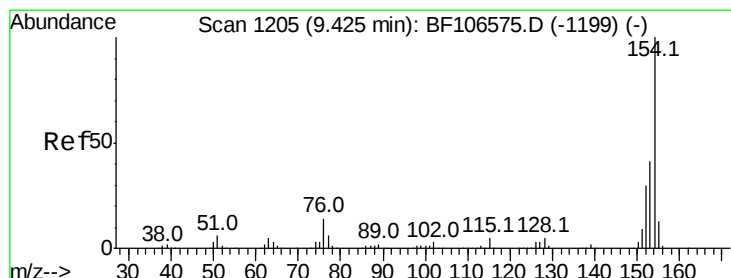
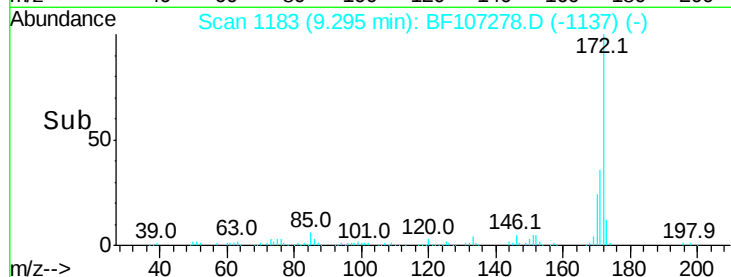
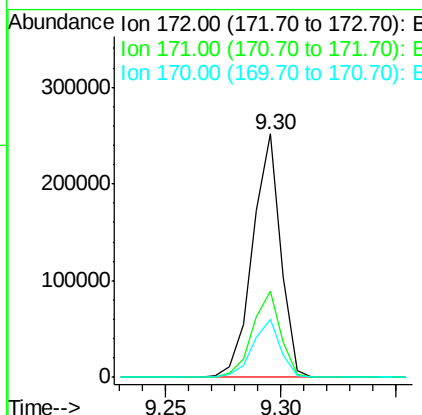
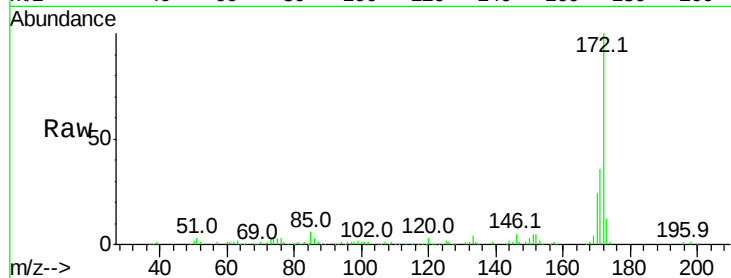




#44
2-Fluorobiphenyl
Concen: 83.895 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

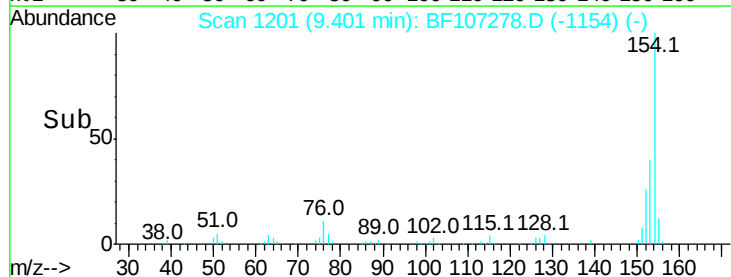
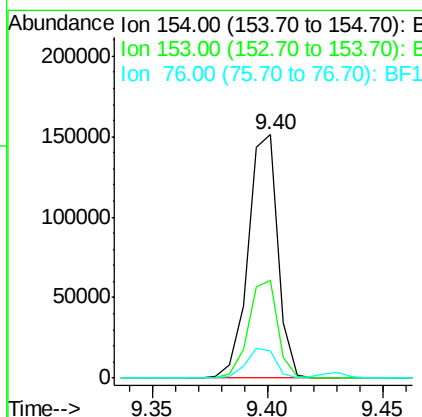
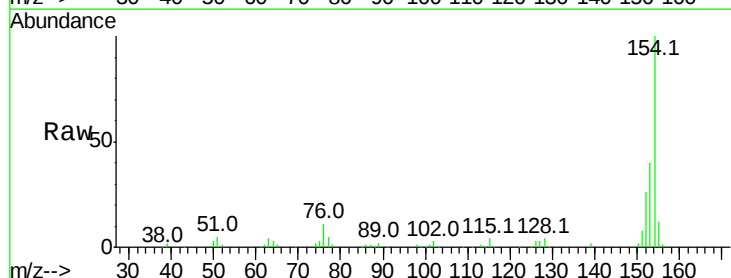
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

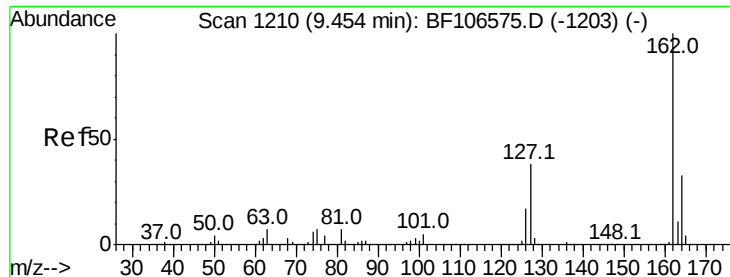
Tot Ion:172 Resp: 212842
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4



#45
1,1'-Biphenyl
Concen: 39.853 ng
RT: 9.40 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:154 Resp: 136076
Ion Ratio Lower Upper
154 100
153 40.0 21.3 61.3
76 11.5 0.0 34.0

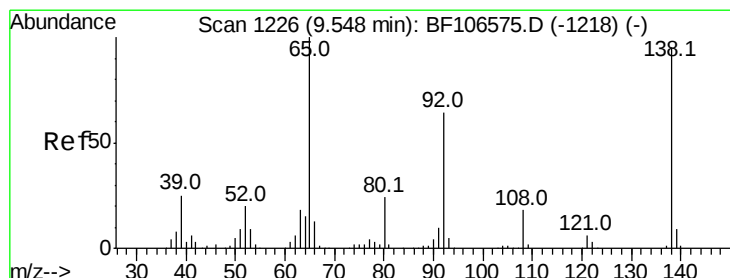
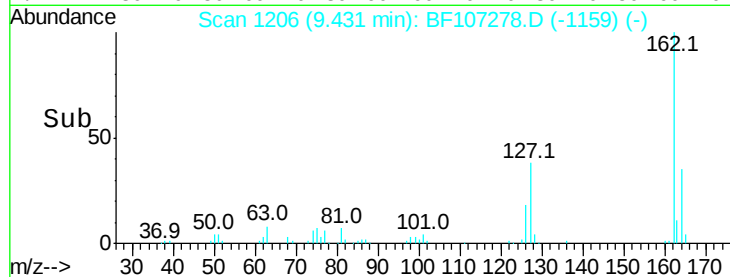
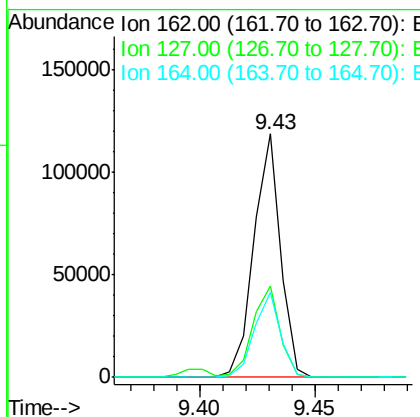
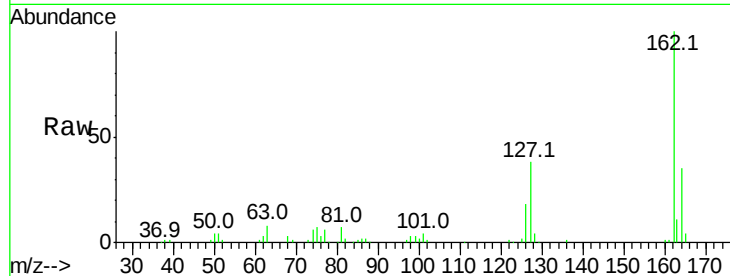




#46
 2-Chloronaphthalene
 Concen: 35.790 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

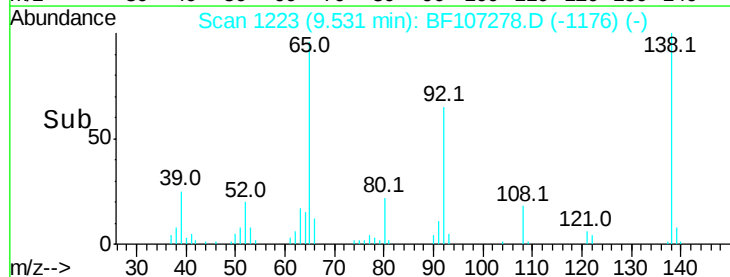
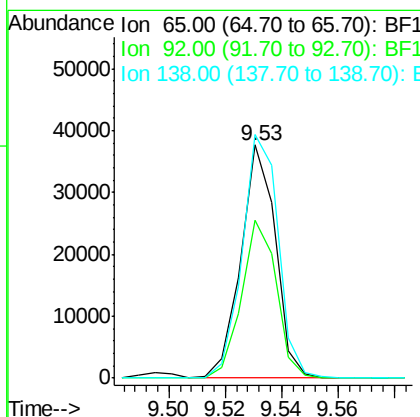
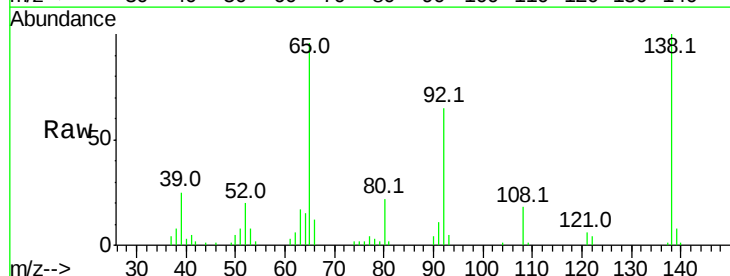
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

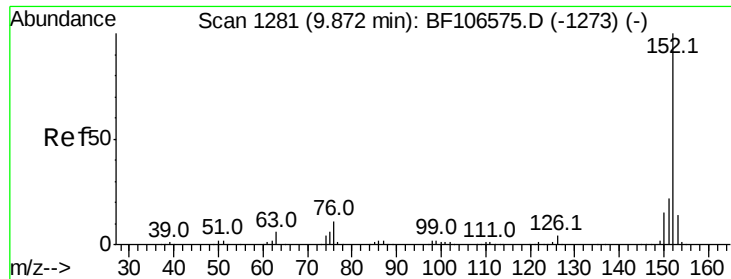
Tot Ion:162 Resp: 96192
 Ion Ratio Lower Upper
 162 100
 127 37.6 33.9 50.9
 164 34.9 26.5 39.7



#47
 2-Nitroaniline
 Concen: 35.353 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion: 65 Resp: 31951
 Ion Ratio Lower Upper
 65 100
 92 67.8 55.8 83.6
 138 104.5 91.2 136.8





#48

Acenaphthylene

Concen: 35.627 ng

RT: 9.85 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

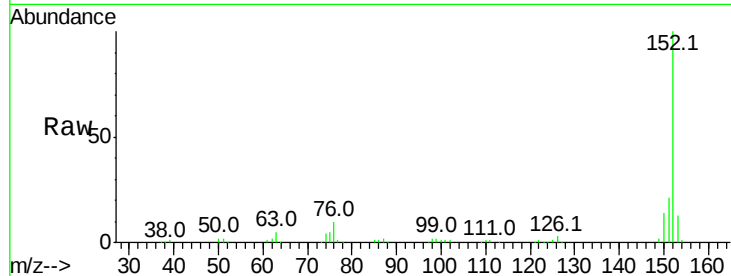
Tot Ion:152 Resp: 151175

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

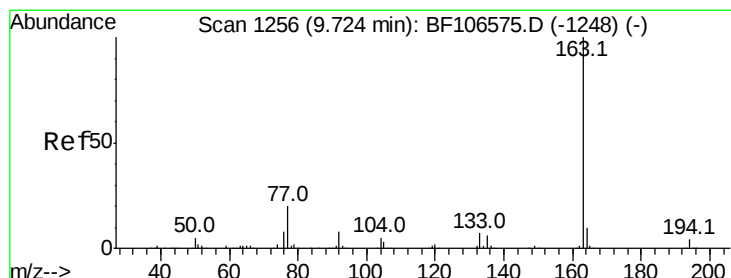
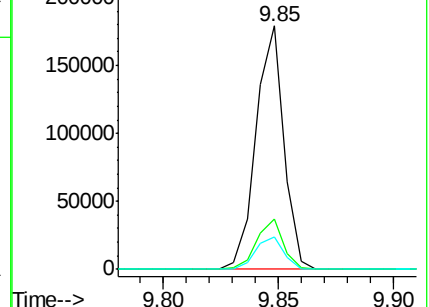
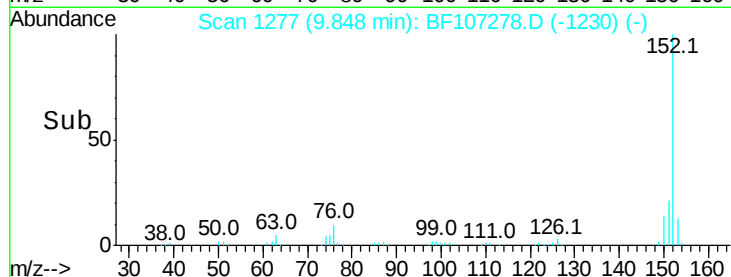
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.208 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

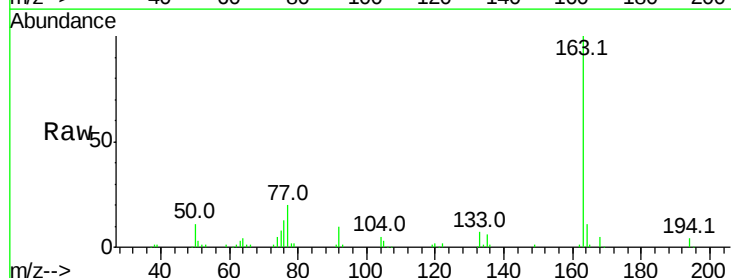
Tgt Ion:163 Resp: 145270

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

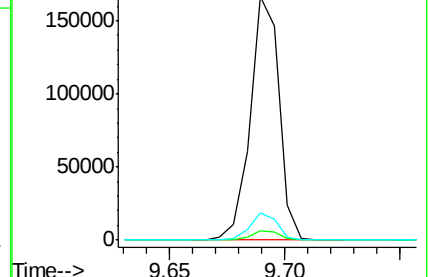
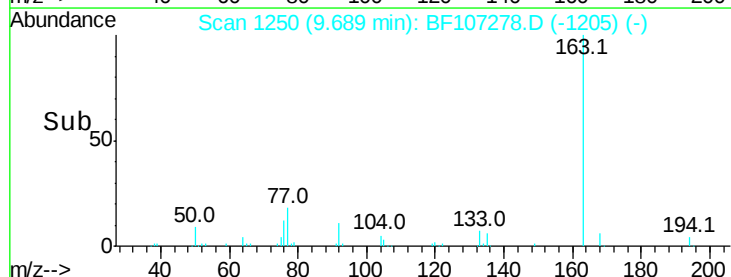
164 11.1 8.2 12.2

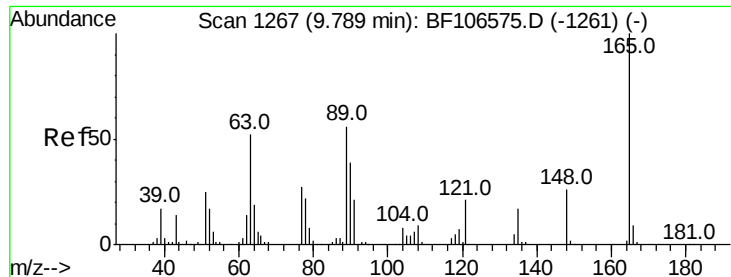


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

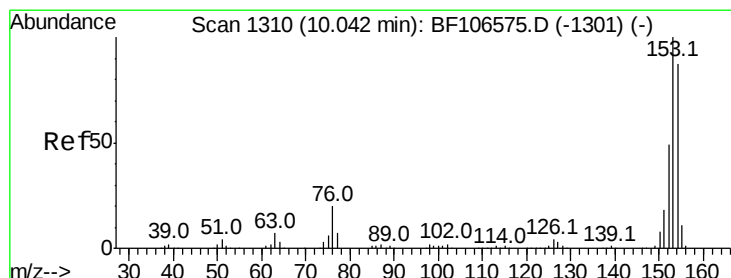
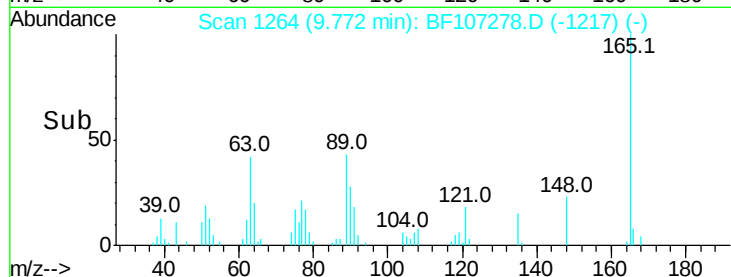
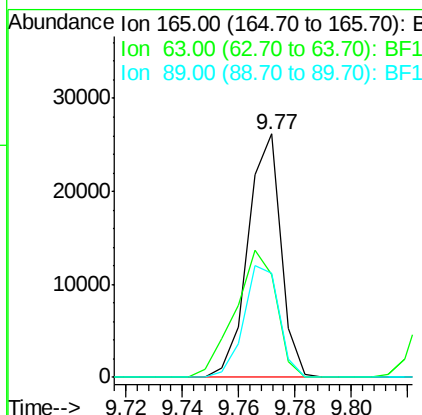
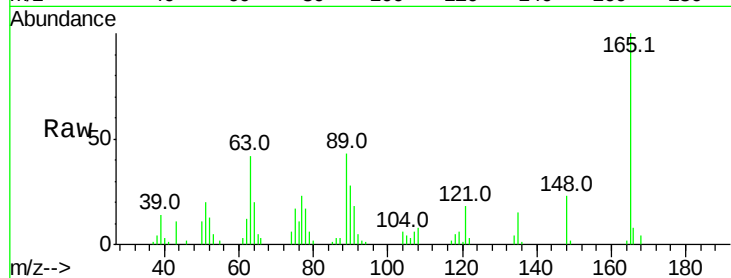




#50
2,6-Dinitrotoluene
Concen: 31.174 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

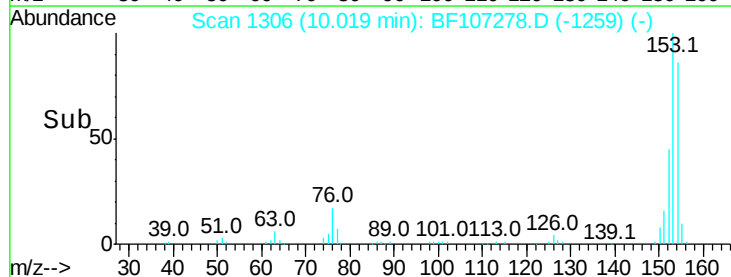
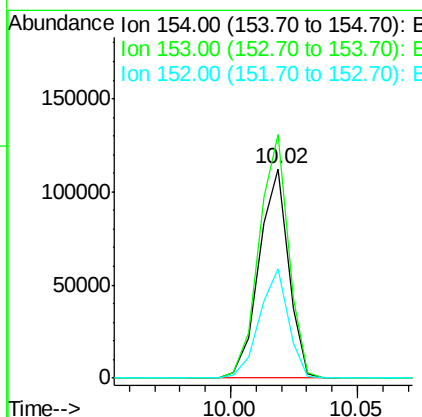
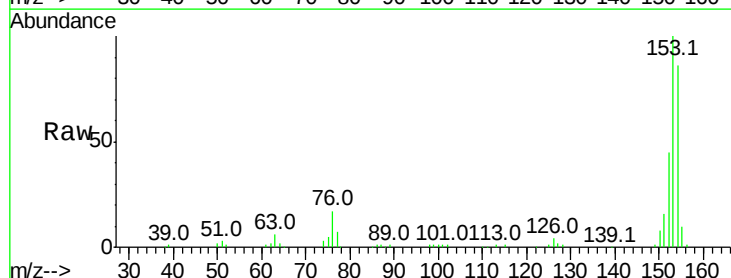
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

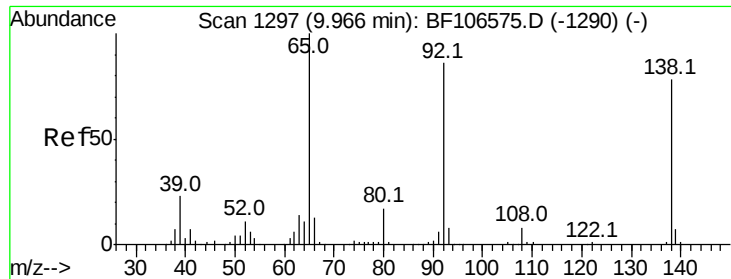
Tot Ion:165 Resp: 21212
Ion Ratio Lower Upper
165 100
63 42.1 44.7 67.1#
89 42.8 44.0 66.0#



#51
Acenaphthene
Concen: 34.278 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:154 Resp: 91592
Ion Ratio Lower Upper
154 100
153 116.3 91.2 136.8
152 52.4 43.8 65.8

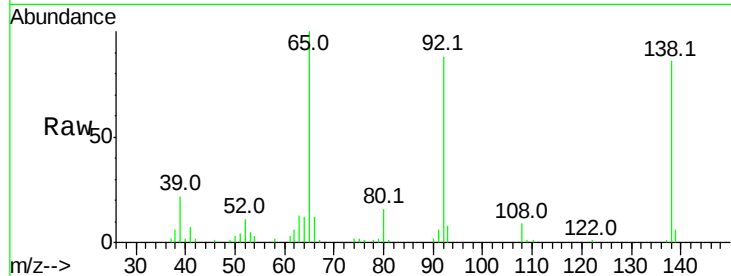




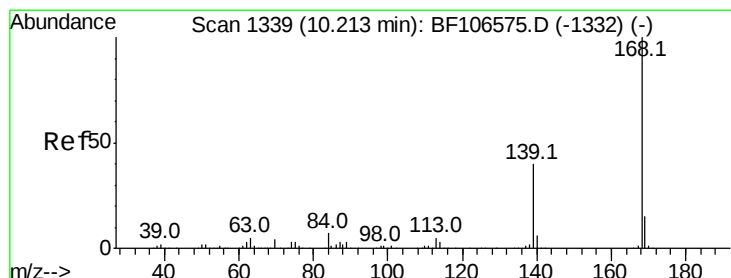
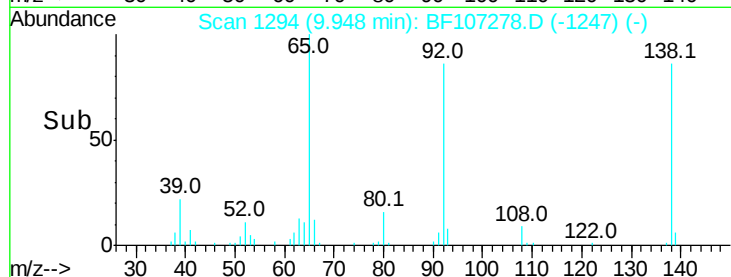
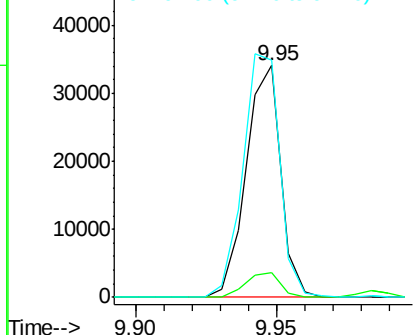
#52
3-Nitroaniline
Concen: 37.027 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:138 Resp: 28992
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 102.6 89.4 134.2

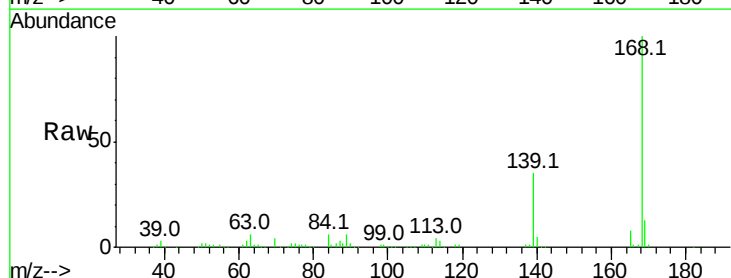


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

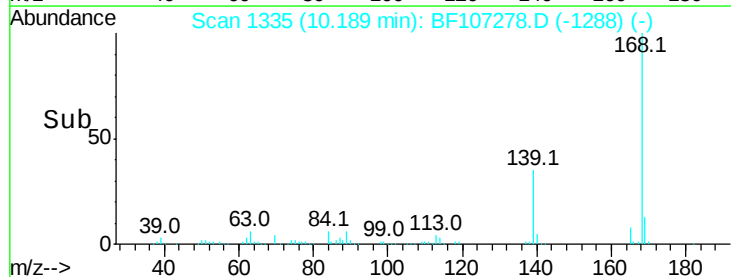
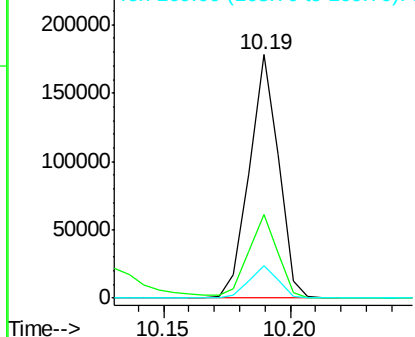


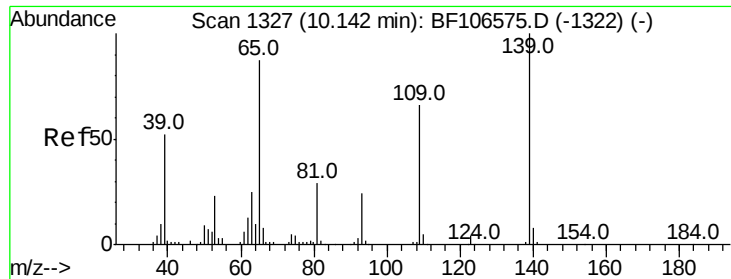
#54
Dibenzofuran
Concen: 39.077 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:168 Resp: 142979
Ion Ratio Lower Upper
168 100
139 34.5 30.1 45.1
169 13.3 10.9 16.3



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

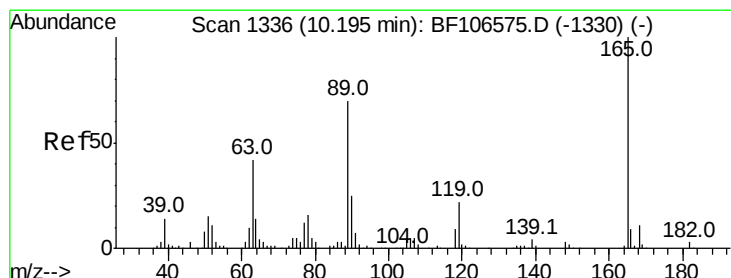
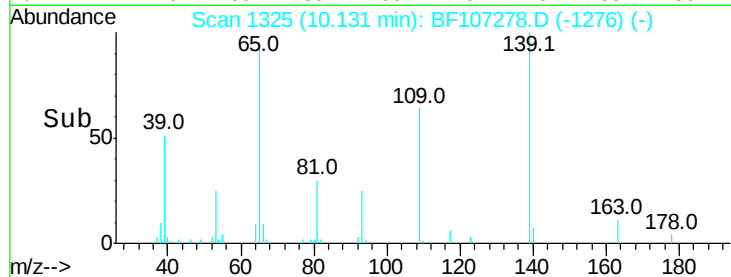
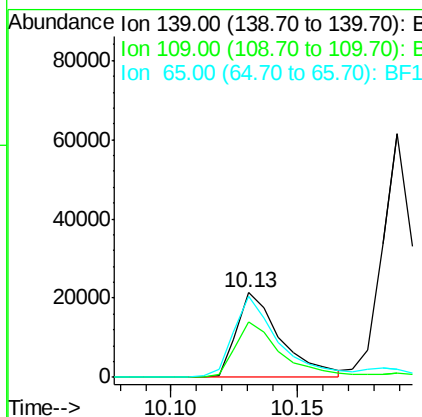
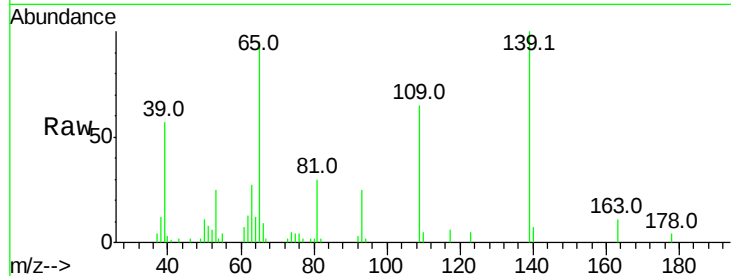




#55
4-Nitrophenol
Concen: 47.368 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

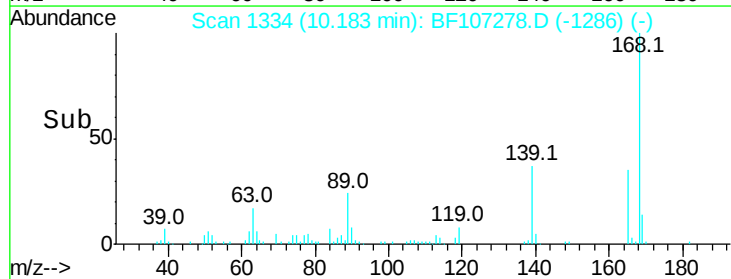
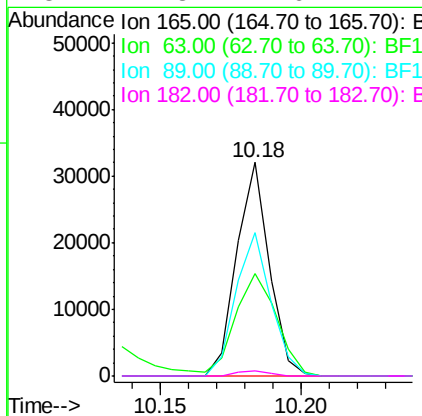
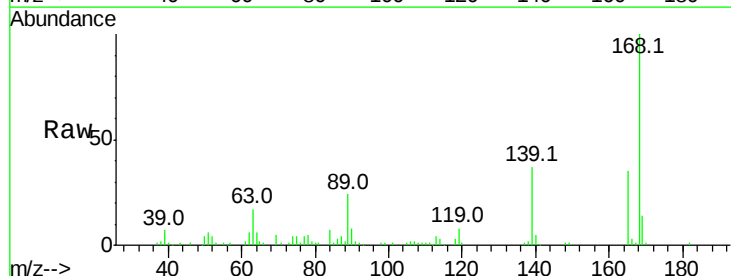
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

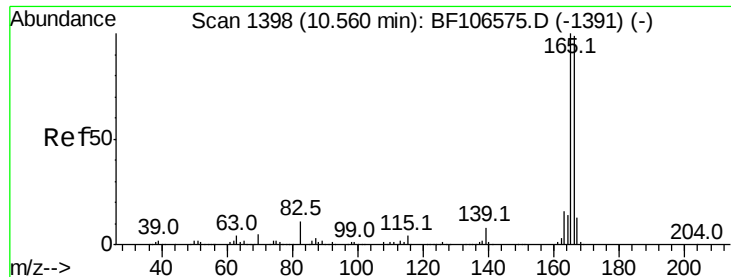
Tot Ion:139 Resp: 25889
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 95.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 29.006 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:165 Resp: 25762
Ion Ratio Lower Upper
165 100
63 48.2 36.4 54.6
89 67.3 57.8 86.6
182 2.3 1.6 2.4

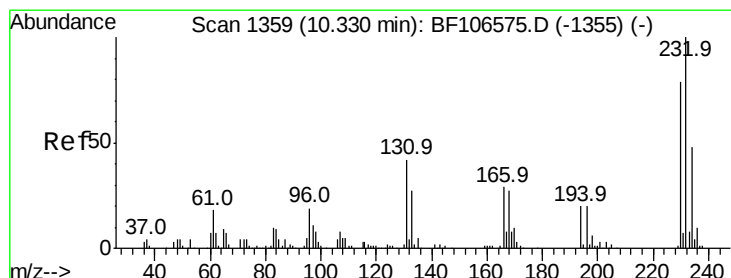
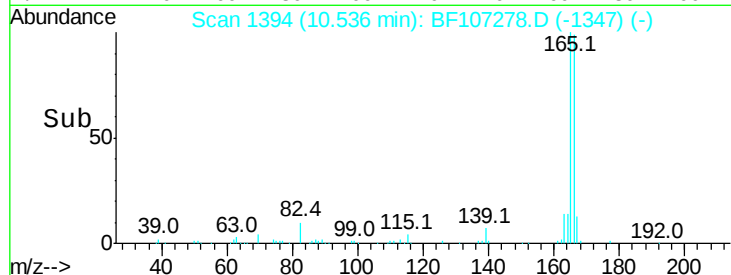
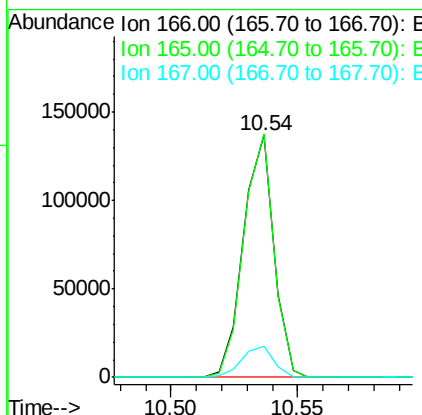
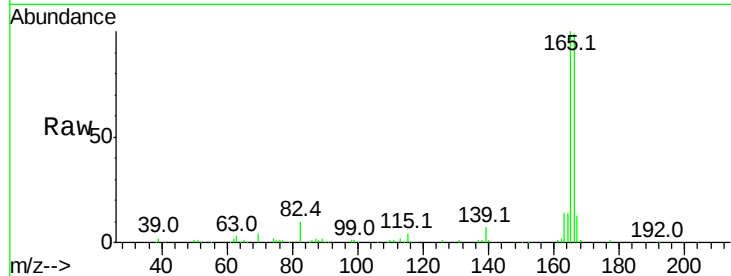




#57
 Fluorene
 Concen: 39.430 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

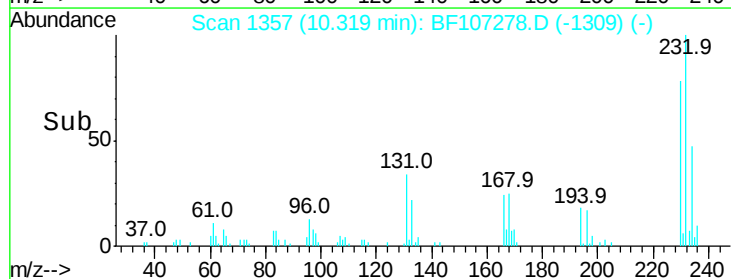
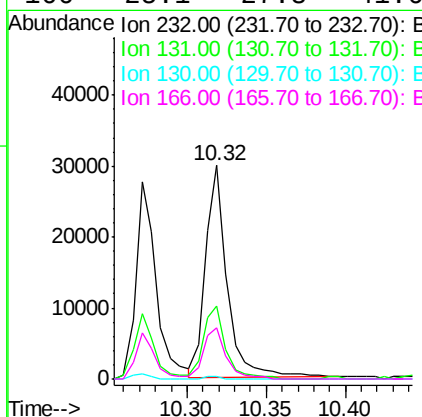
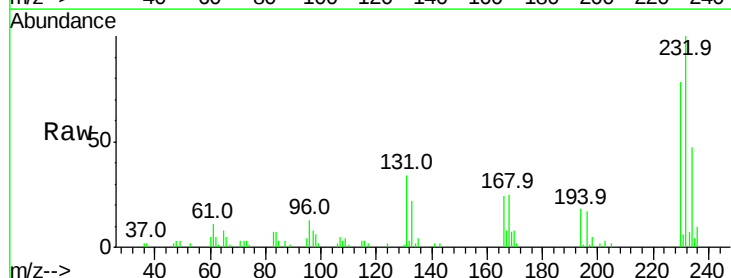
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

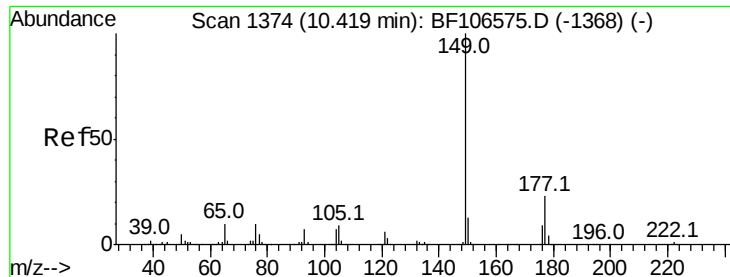
Tot Ion:166 Resp: 114483
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.152 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:232 Resp: 28760
 Ion Ratio Lower Upper
 232 100
 131 36.1 43.8 65.8#
 130 1.1 2.1 3.1#
 166 25.1 27.8 41.6#

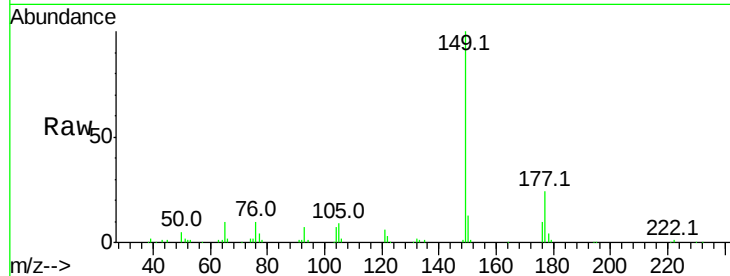




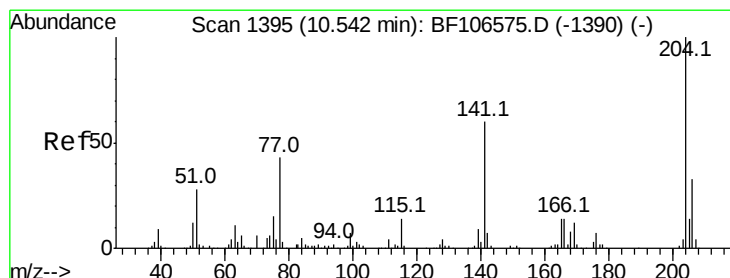
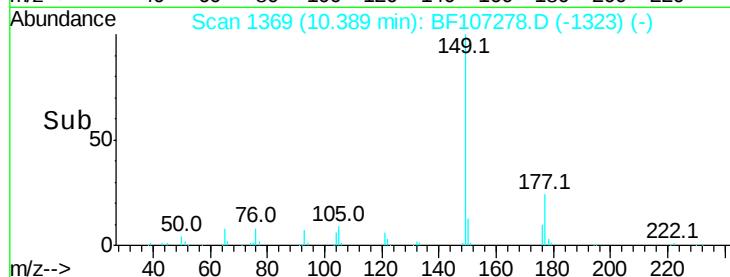
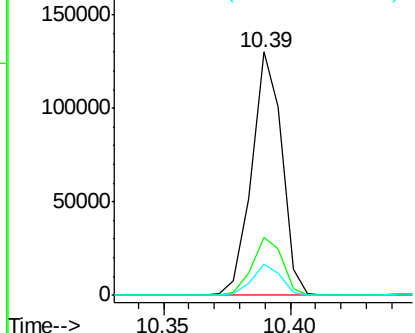
#59
Diethylphthalate
Concen: 34.799 ng
RT: 10.39 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:149 Resp: 107928
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 12.5 10.1 15.1

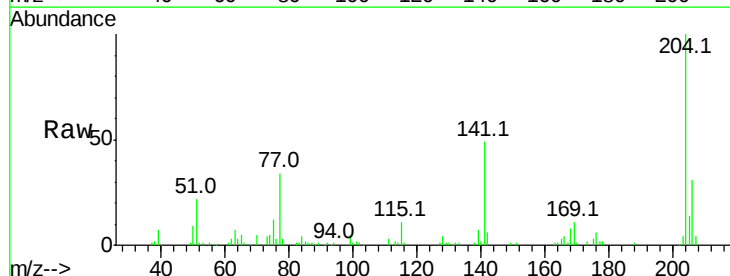


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

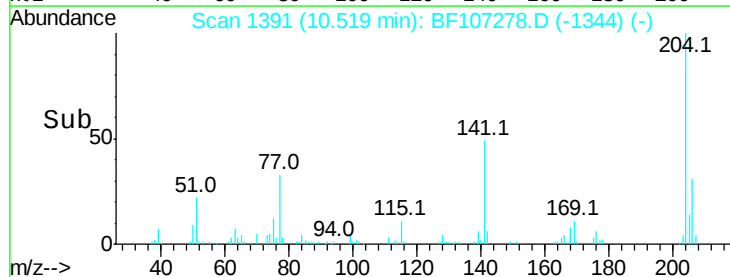
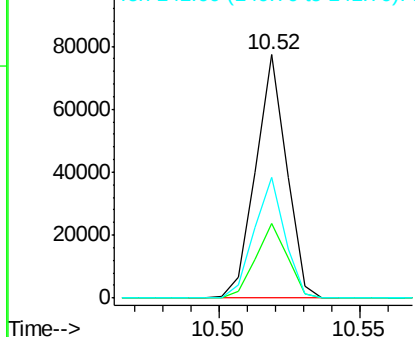


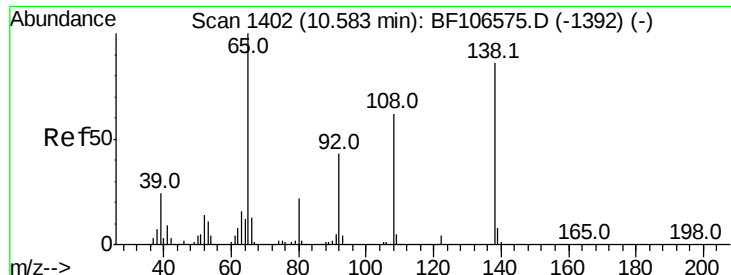
#60
4-Chlorophenyl-phenylether
Concen: 38.641 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:204 Resp: 58701
Ion Ratio Lower Upper
204 100
206 30.9 26.5 39.7
141 49.5 54.6 81.8#



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

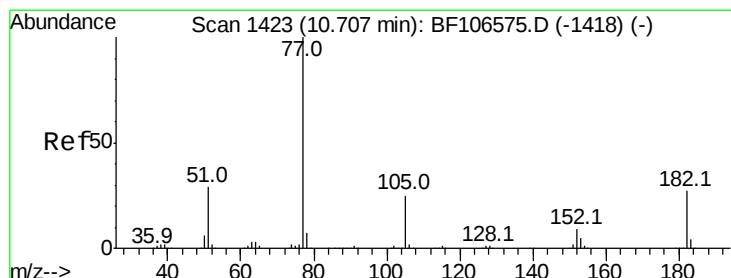
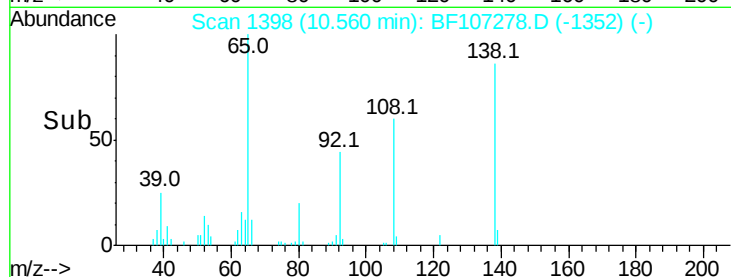
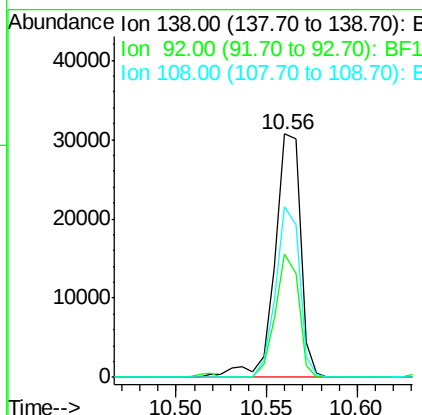
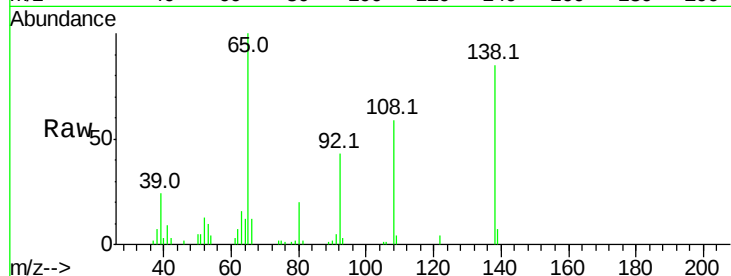




#61
4-Nitroaniline
Concen: 39.239 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

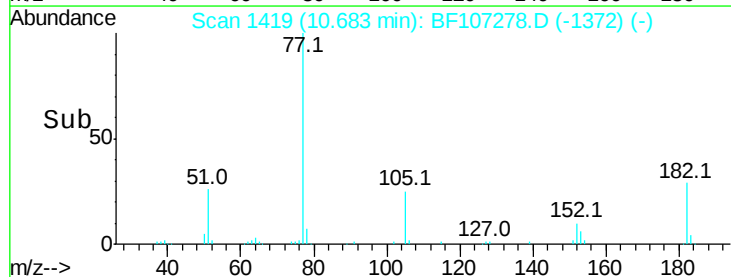
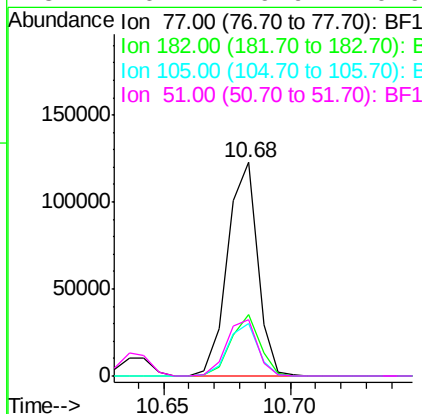
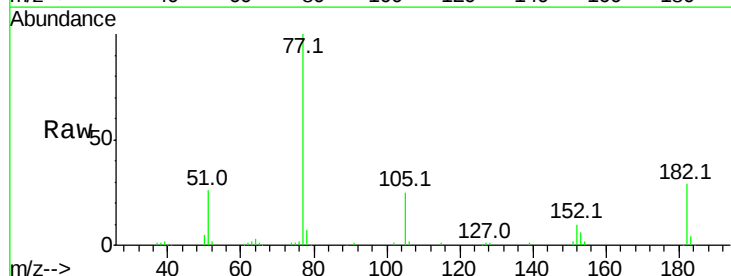
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

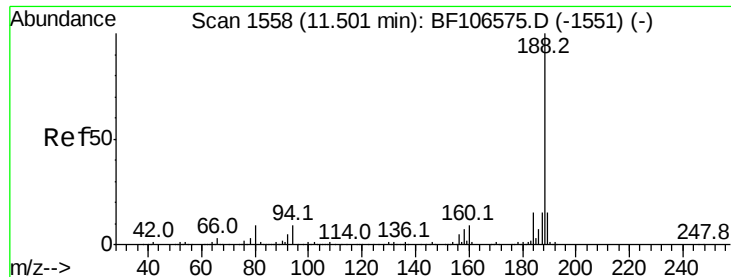
Tot Ion:138 Resp: 30492
Ion Ratio Lower Upper
138 100
92 50.8 30.2 70.2
108 70.0 52.5 92.5



#62
Azobenzene
Concen: 33.101 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion: 77 Resp: 101094
Ion Ratio Lower Upper
77 100
182 28.8 1.7 41.7
105 24.6 3.0 43.0
51 26.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

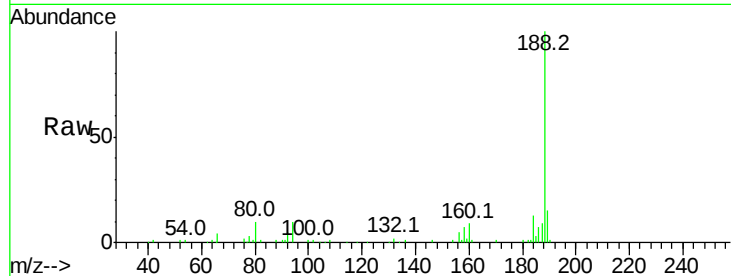
Tot Ion:188 Resp: 90780

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

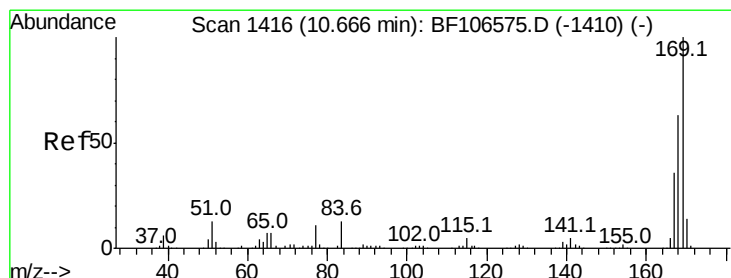
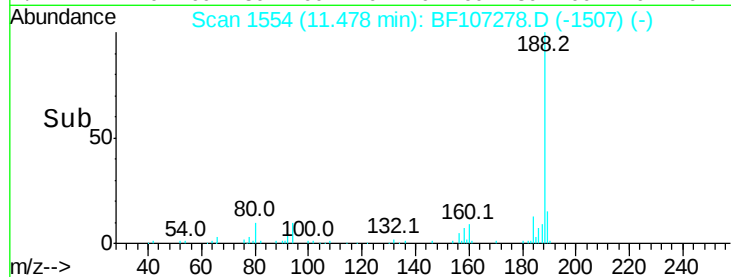
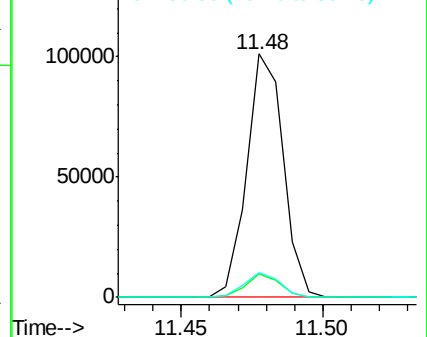
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 31.503 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

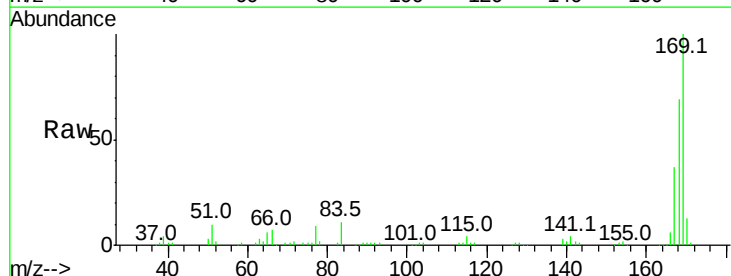
Tgt Ion:169 Resp: 96192

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

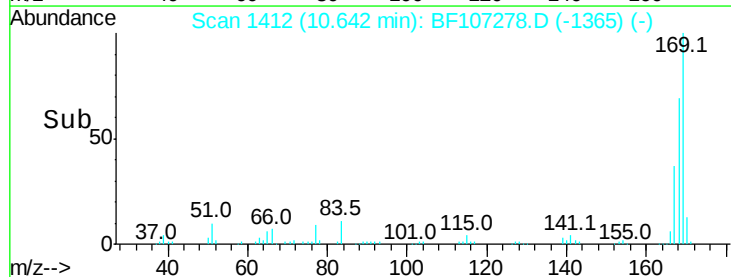
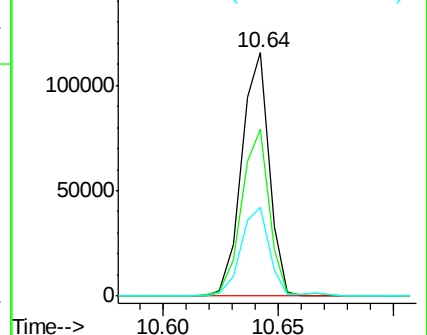
167 36.7 29.8 44.6

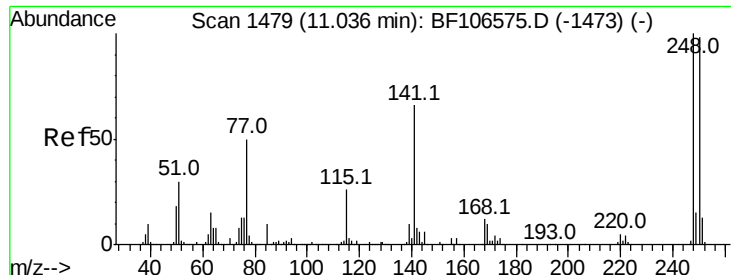


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

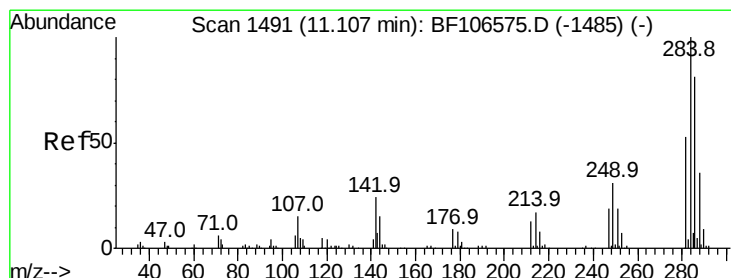
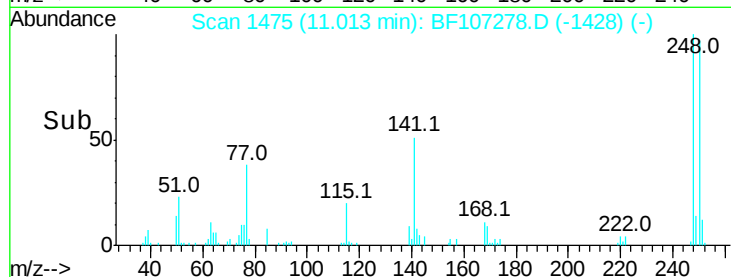
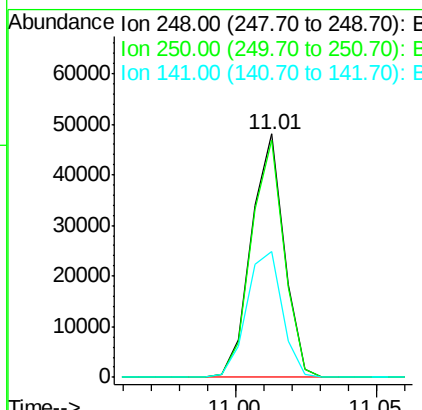
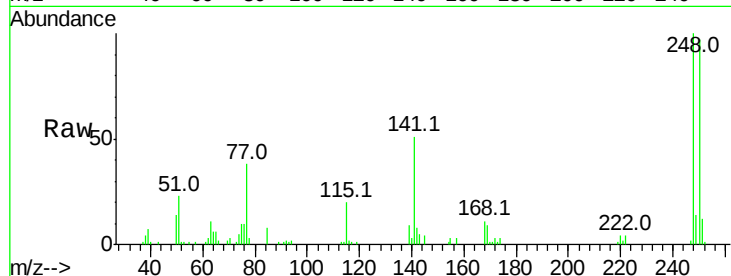




#66
 4-Bromophenyl-phenylether
 Concen: 35.835 ng
 RT: 11.01 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

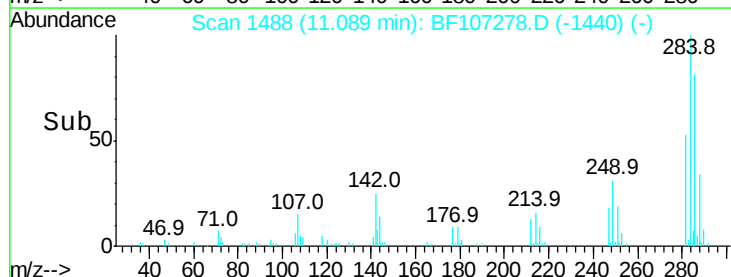
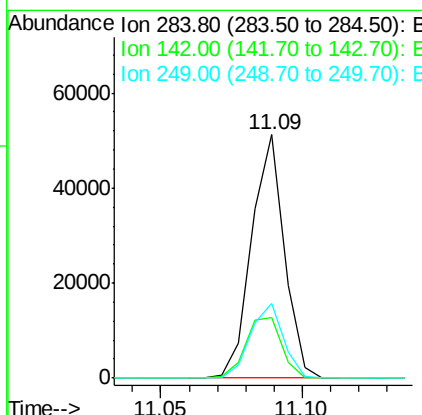
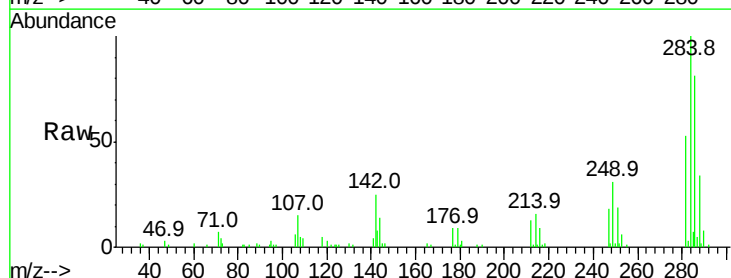
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

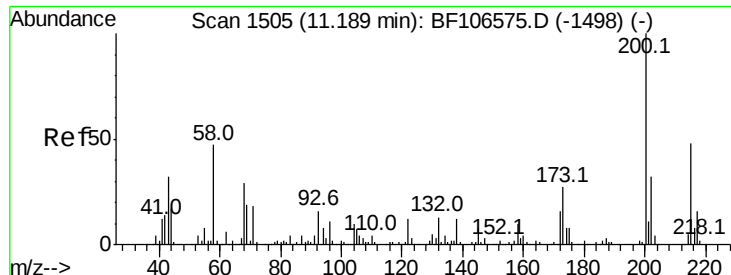
Tot Ion:248 Resp: 38824
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 51.5 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 36.262 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:284 Resp: 41119
 Ion Ratio Lower Upper
 284 100
 142 24.7 34.6 52.0#
 249 30.8 24.8 37.2

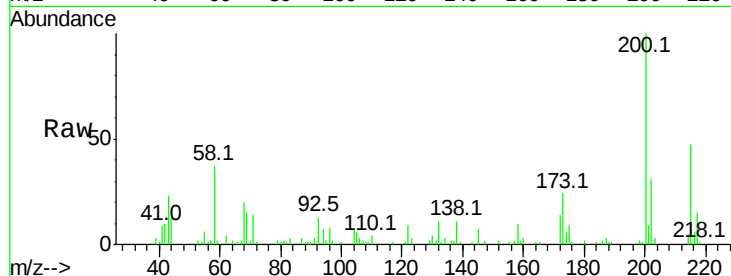




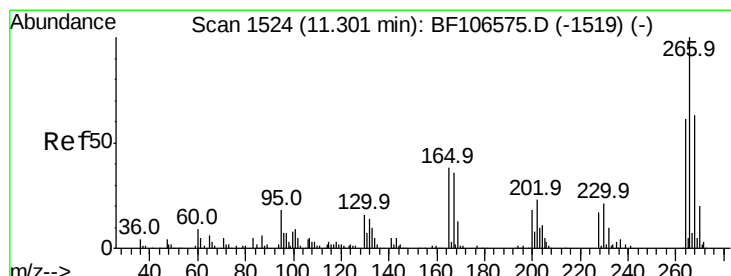
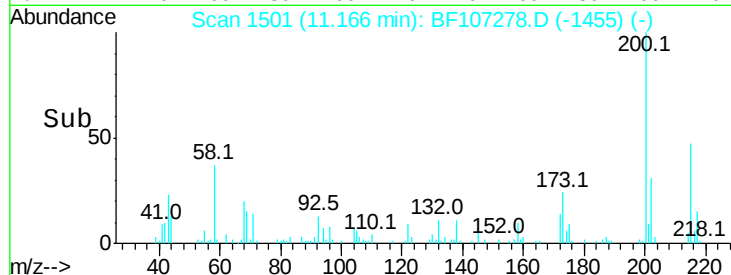
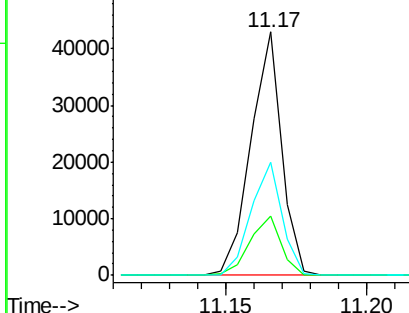
#68
Atrazine
Concen: 33.569 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.03 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:200 Resp: 32585
Ion Ratio Lower Upper
200 100
173 24.4 8.6 48.6
215 46.6 25.1 65.1

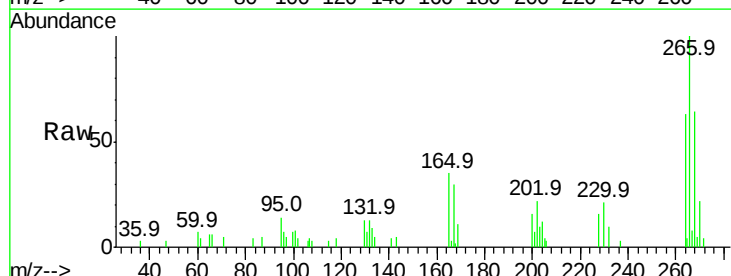


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

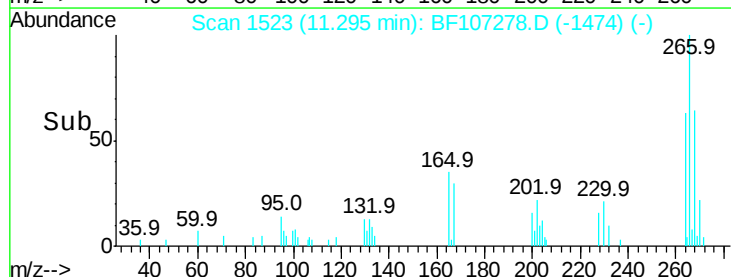
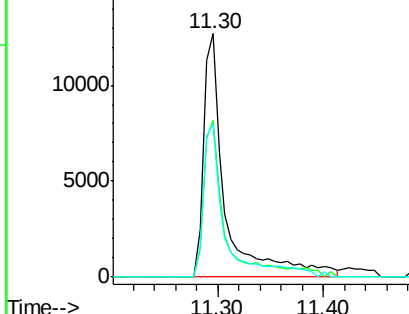


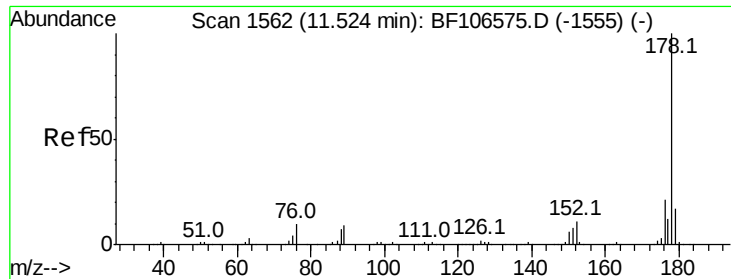
#69
Pentachlorophenol
Concen: 32.196 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:266 Resp: 18216
Ion Ratio Lower Upper
266 100
268 64.2 51.1 76.7
264 62.6 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

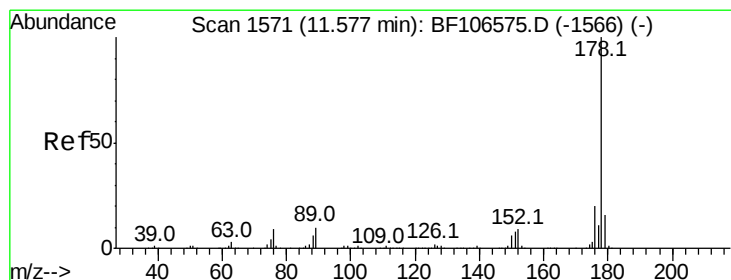
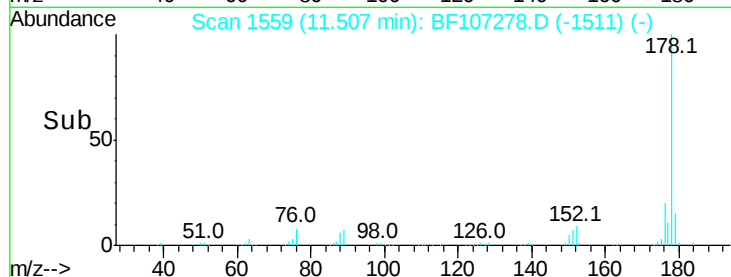
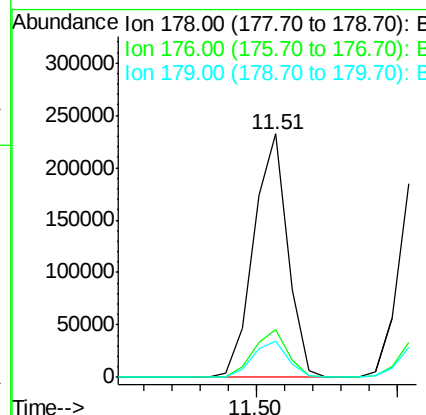
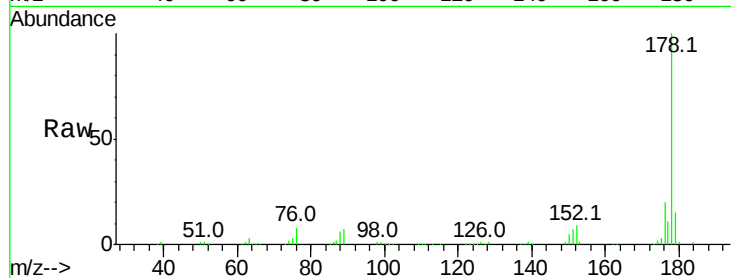




#70
Phenanthrene
Concen: 44.230 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

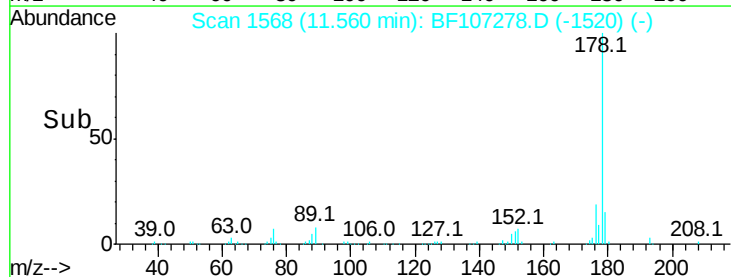
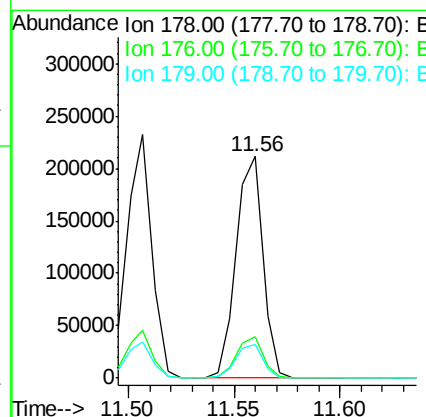
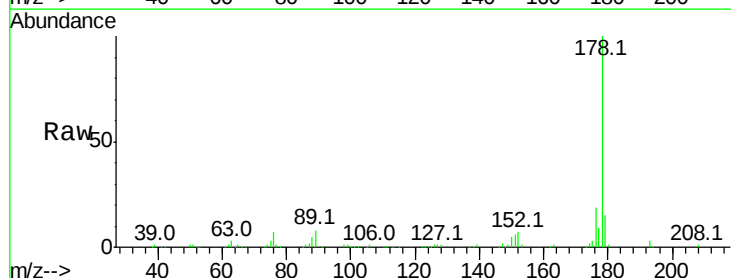
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

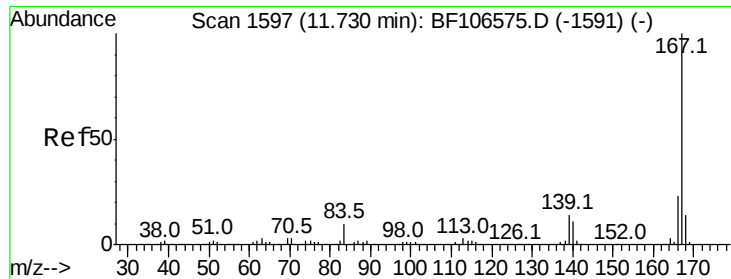
Tot Ion:178 Resp: 193659
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 14.9 13.0 19.6



#71
Anthracene
Concen: 41.529 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:178 Resp: 185598
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.0 12.6 19.0





#72

Carbazole

Concen: 39.705 ng

RT: 11.72 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

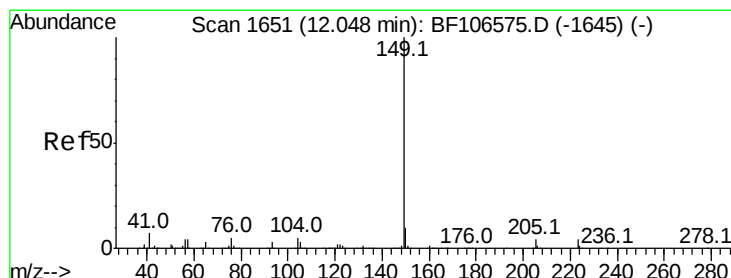
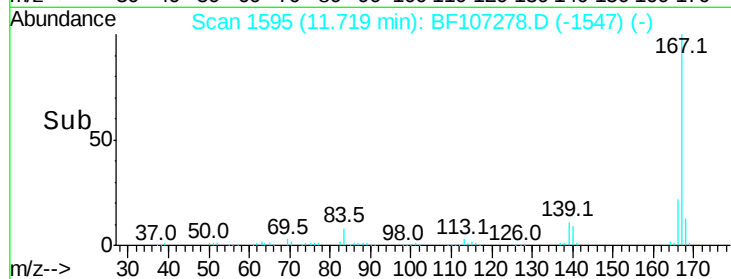
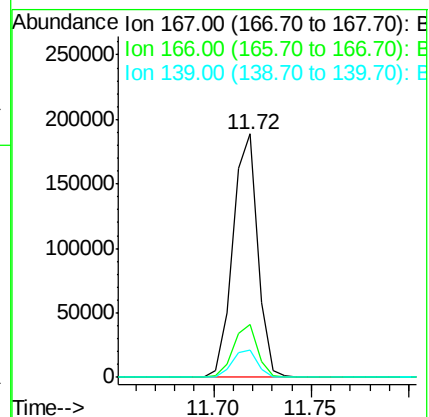
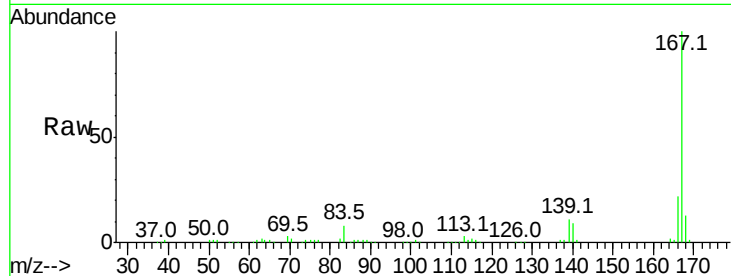
Tot Ion:167 Resp: 166133

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

139 11.4 10.9 16.3



#73

Di-n-butylphthalate

Concen: 36.411 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

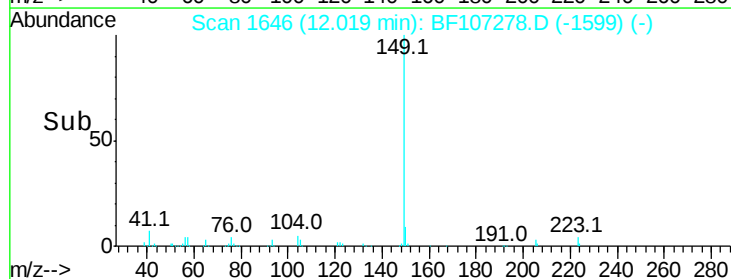
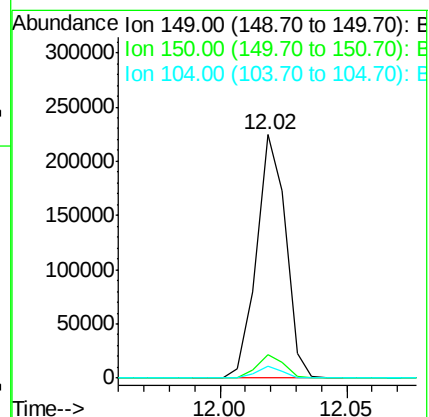
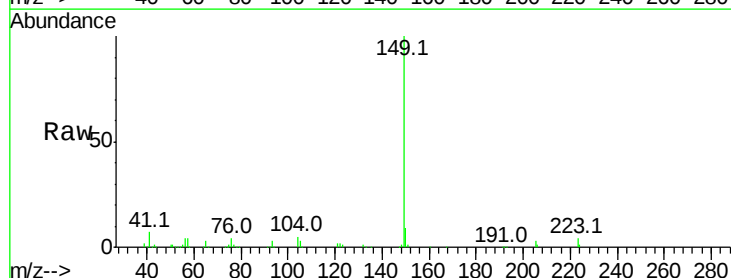
Tgt Ion:149 Resp: 179486

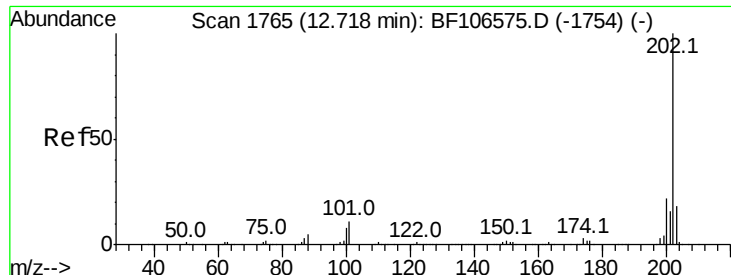
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 4.7 3.8 5.8

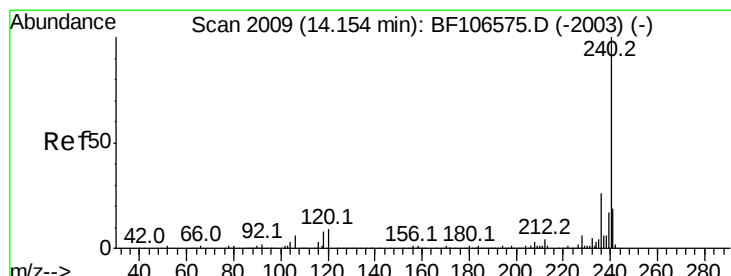
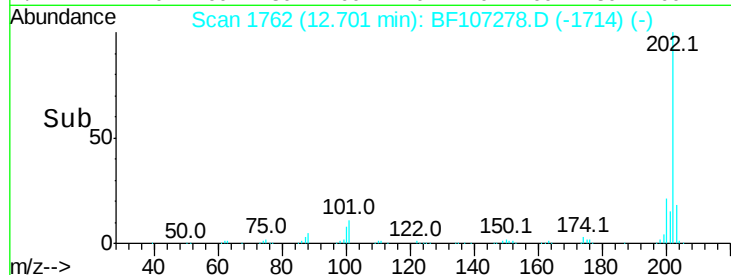
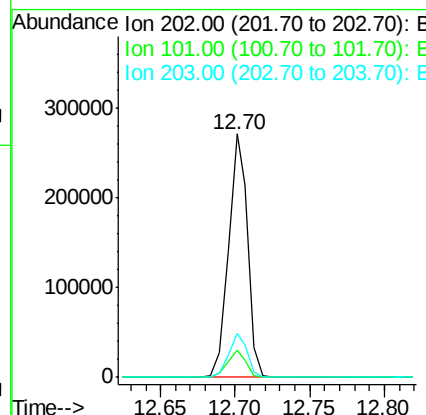
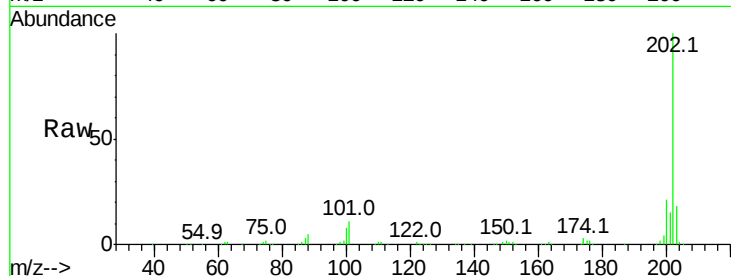




#74
 Fluoranthene
 Concen: 50.911 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

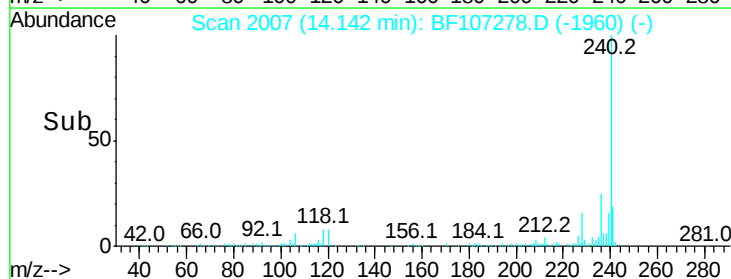
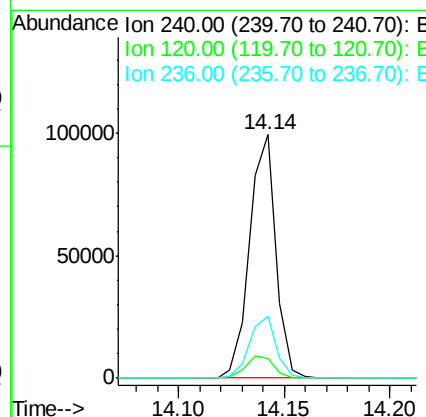
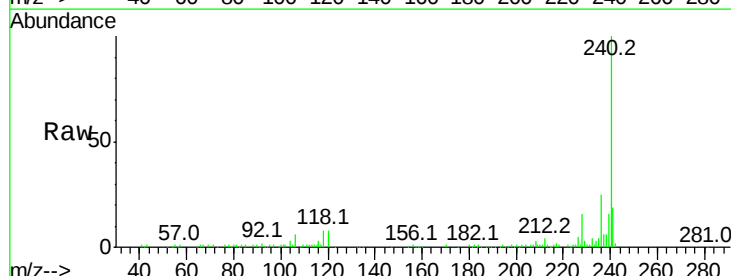
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

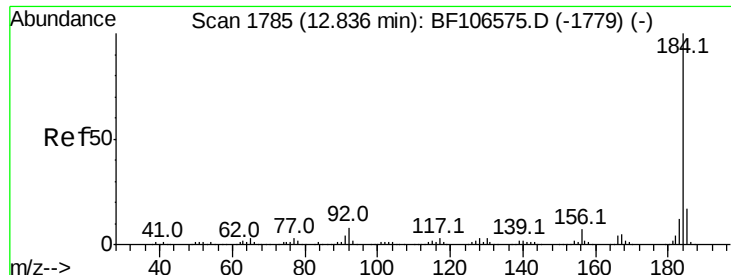
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.4	20.7	31.1

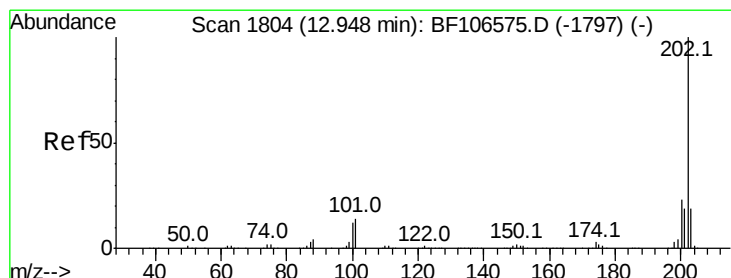
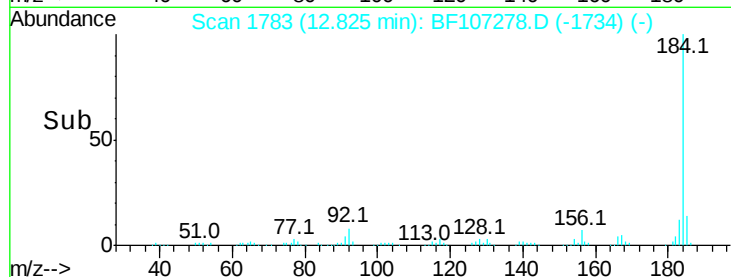
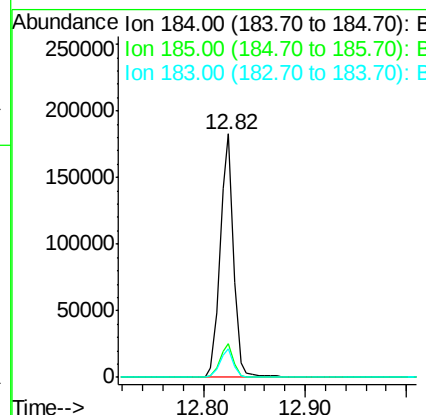
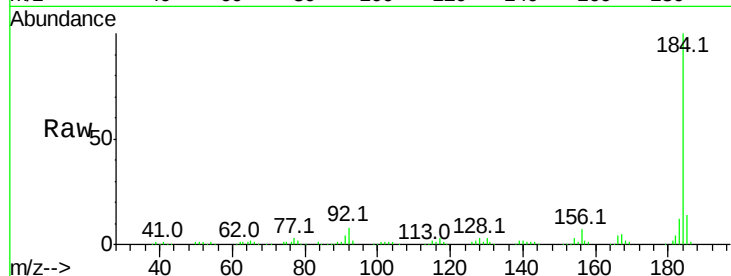




#76
Benzidine
Concen: 68.868 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

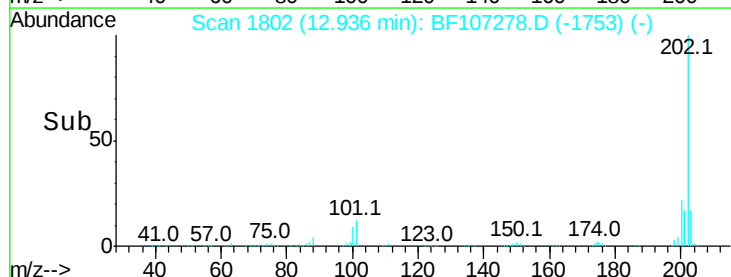
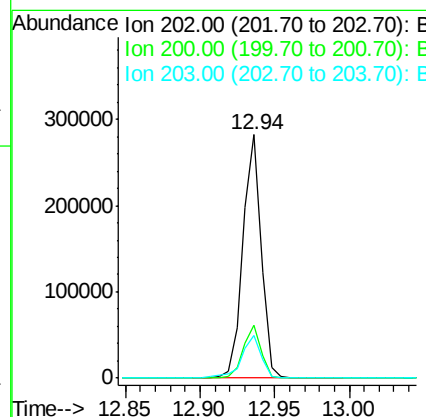
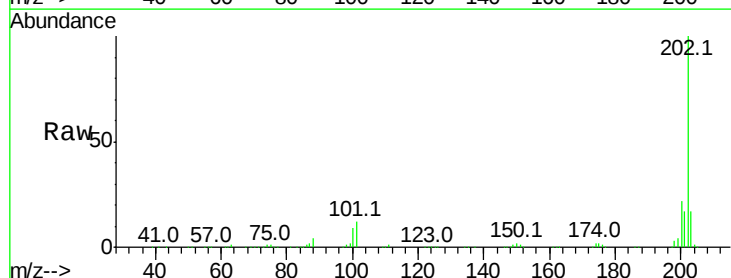
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

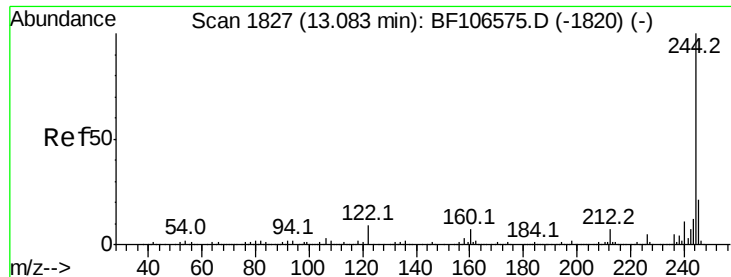
Tot Ion:184 Resp: 168291
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 42.889 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:202 Resp: 242674
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.3 21.5

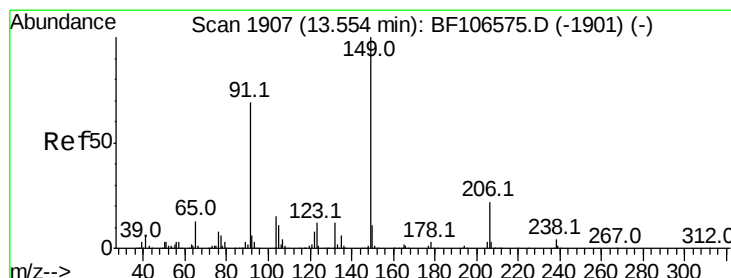
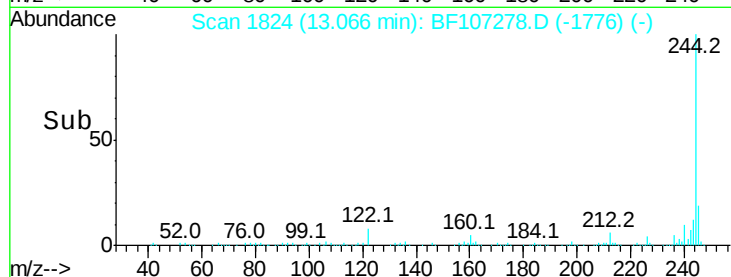
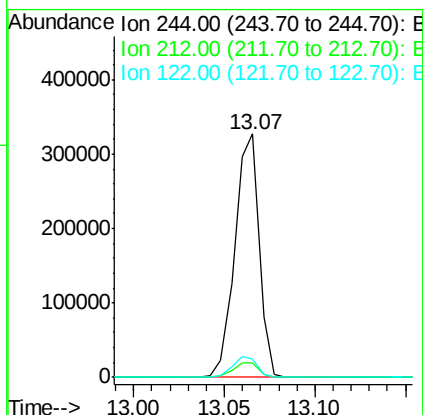
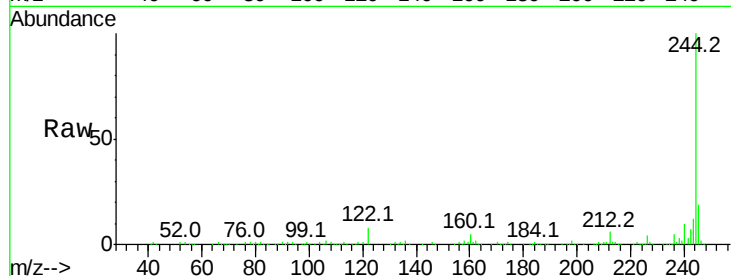




#78
 Terphenyl-d14
 Concen: 85.791 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

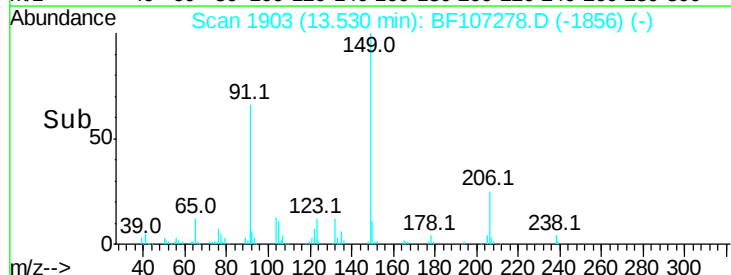
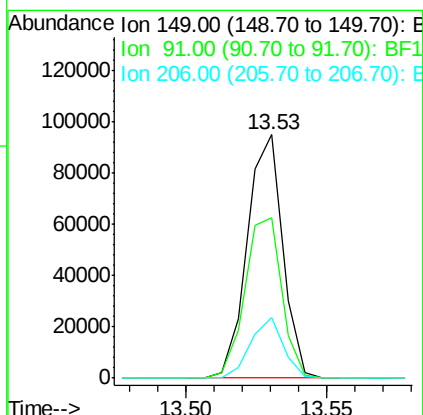
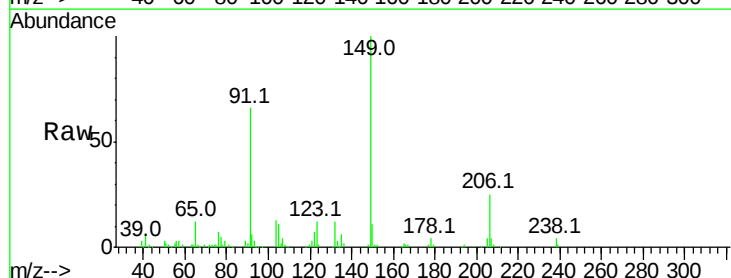
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

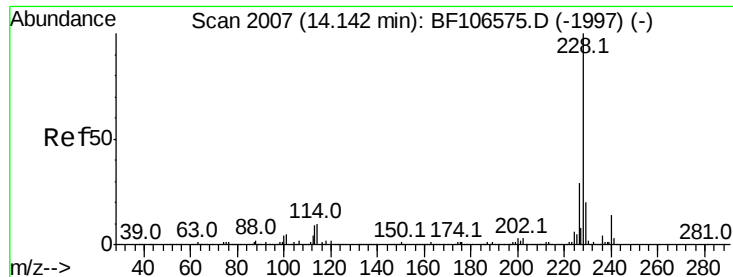
Tot Ion:244 Resp: 303892
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.5 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 35.445 ng
 RT: 13.53 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BF107278.D
 Acq: 10 Jul 2018 17:42

Tgt Ion:149 Resp: 82458
 Ion Ratio Lower Upper
 149 100
 91 66.0 56.8 85.2
 206 25.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 41.558 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

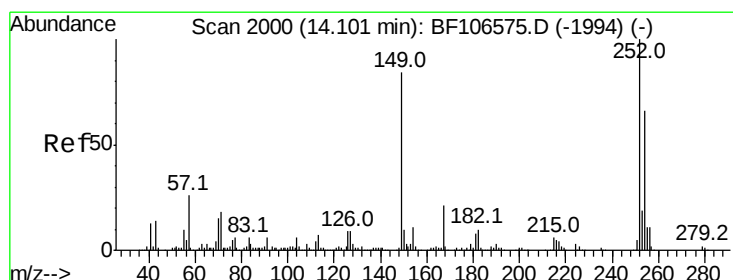
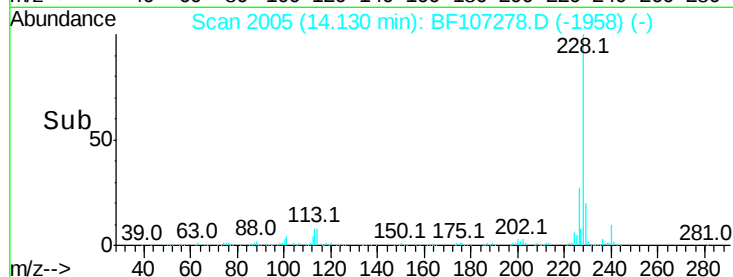
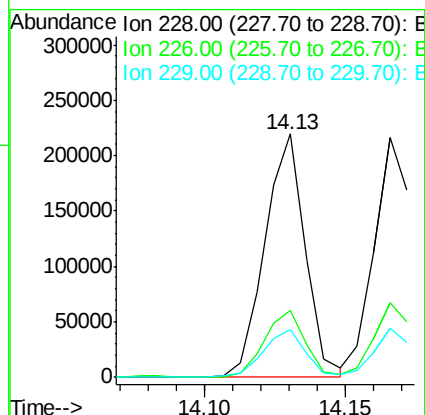
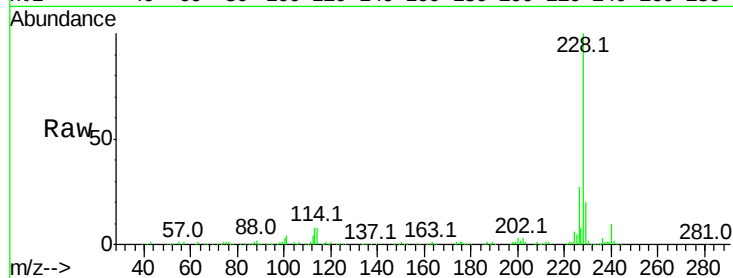
Tot Ion:228 Resp: 217329

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 19.8 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 39.187 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

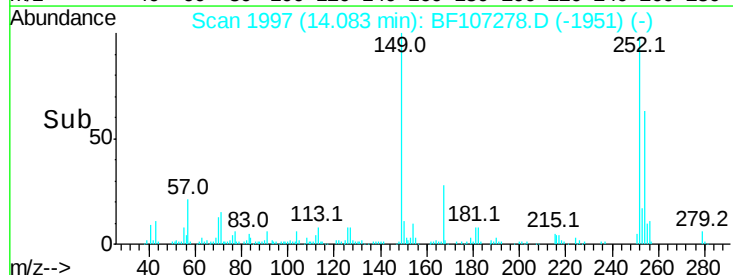
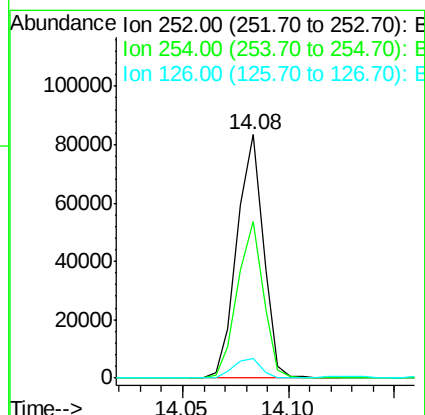
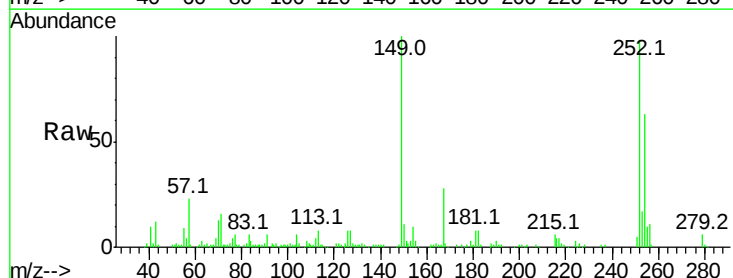
Tgt Ion:252 Resp: 72025

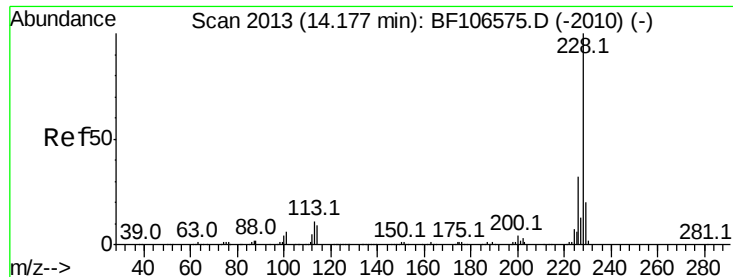
Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

126 8.2 11.3 16.9#





#82

Chrysene

Concen: 40.605 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampled :

TP-9-SMSD

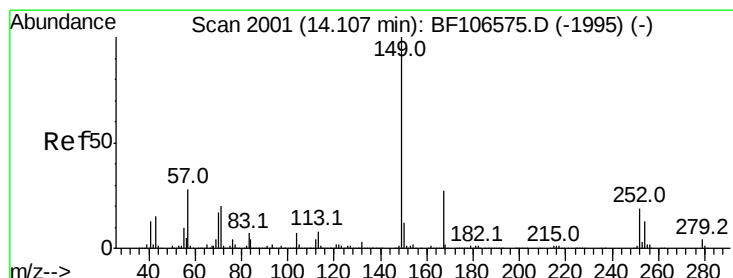
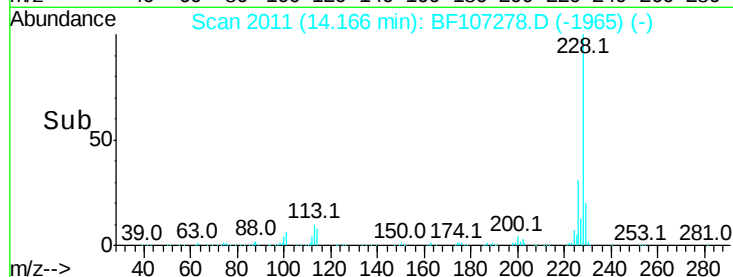
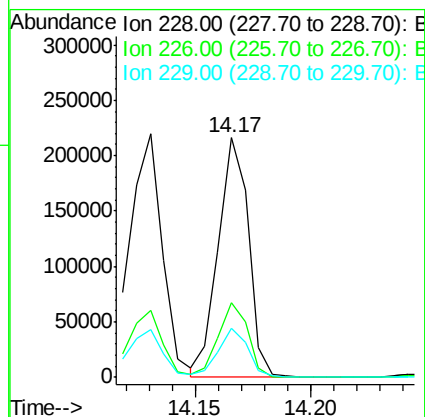
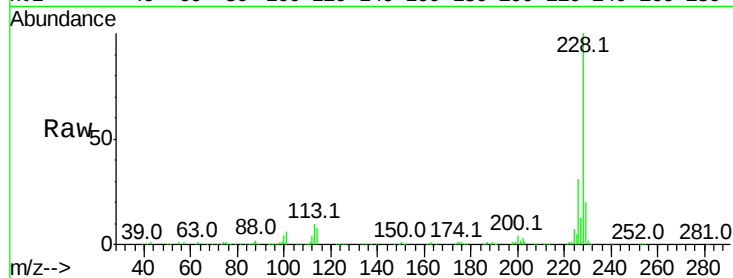
Tot Ion:228 Resp: 195356

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.5 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.224 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

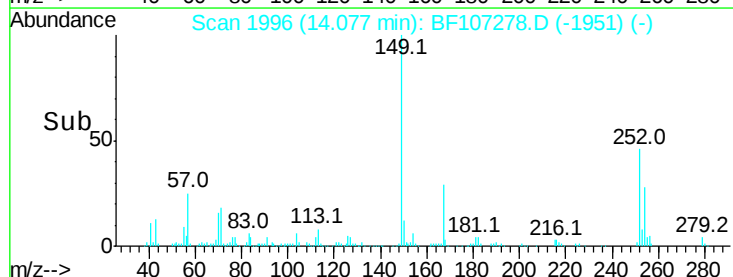
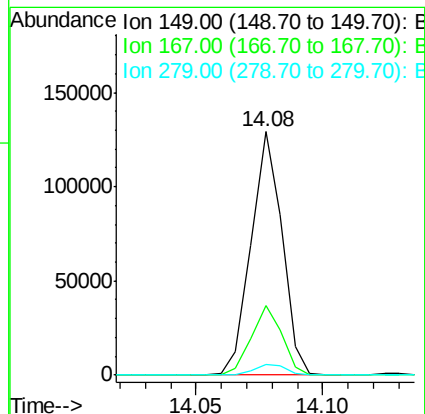
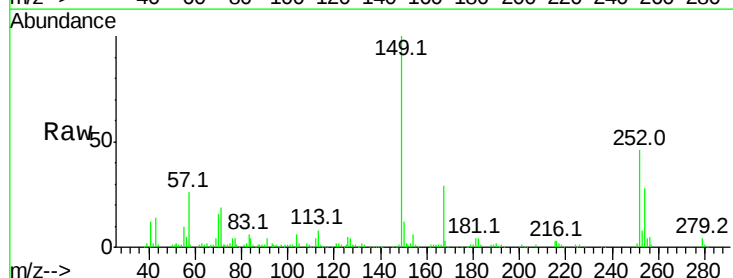
Tgt Ion:149 Resp: 110711

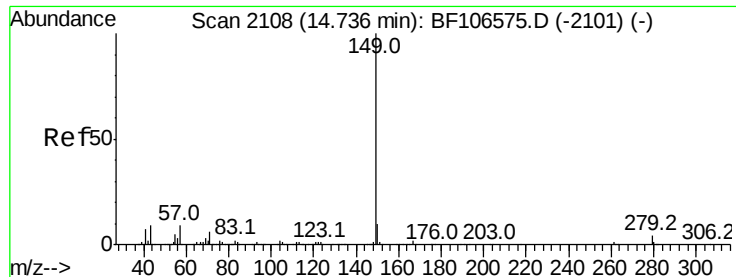
Ion Ratio Lower Upper

149 100

167 28.7 21.3 31.9

279 4.4 3.0 4.4

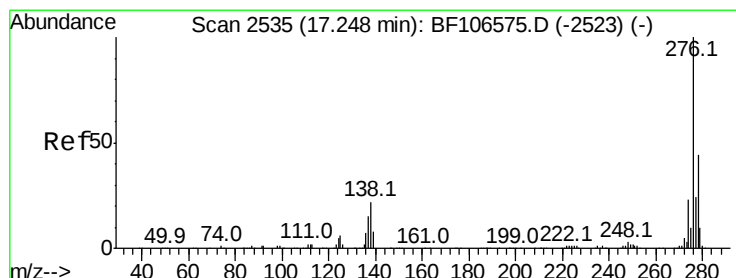
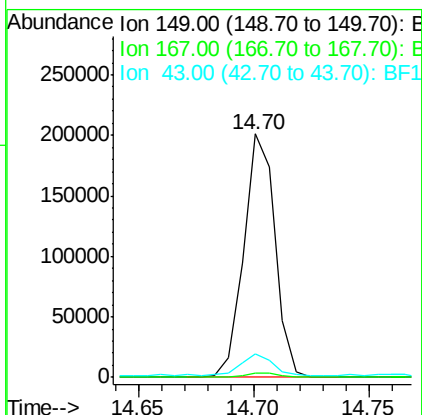
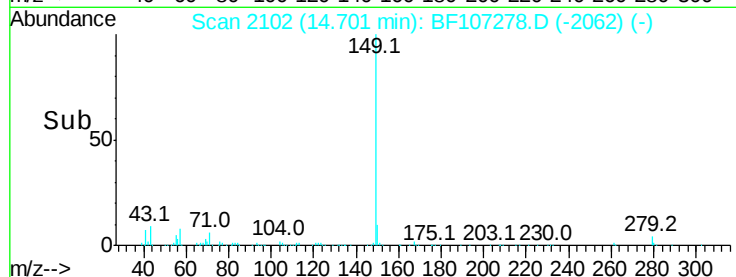
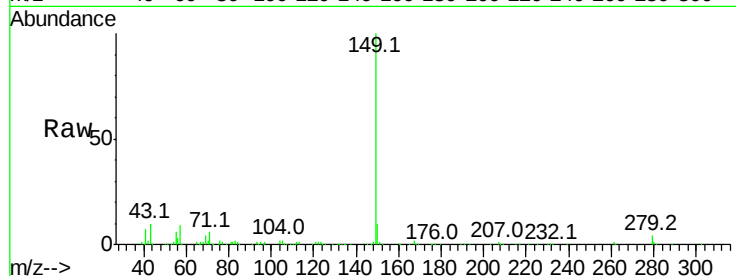




#84
Di-n-octyl phthalate
Concen: 38.949 ng
RT: 14.70 min Scan# 2102
Delta R.T. -0.06 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

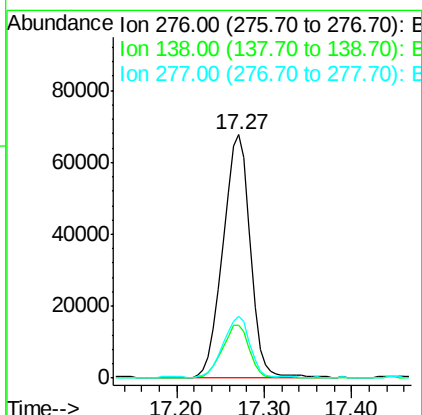
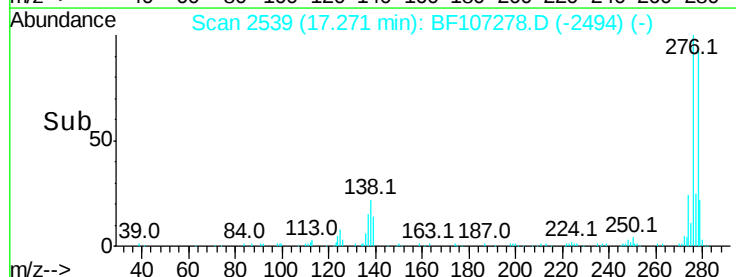
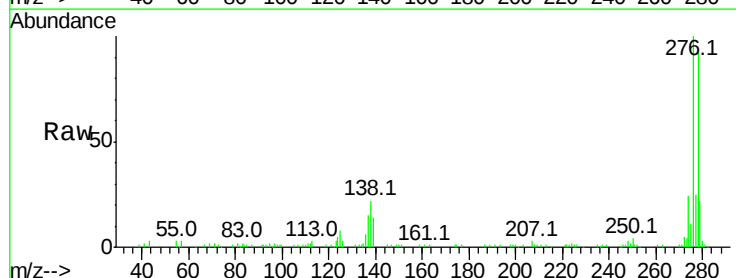
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

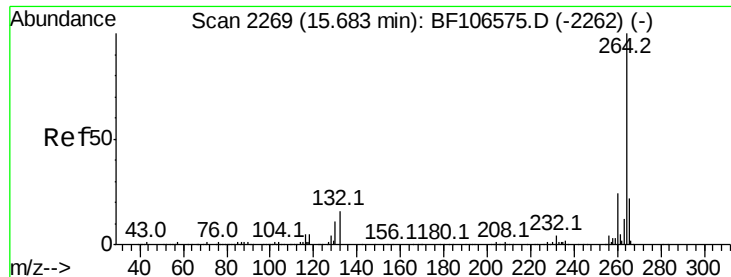
Tot Ion:149 Resp: 188828
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 8.7 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.607 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:276 Resp: 145378
Ion Ratio Lower Upper
276 100
138 21.5 25.0 37.6#
277 25.2 20.1 30.1



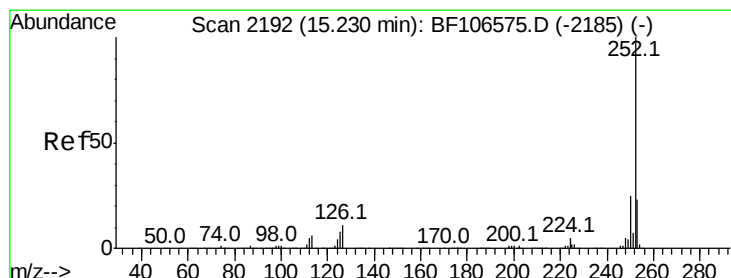
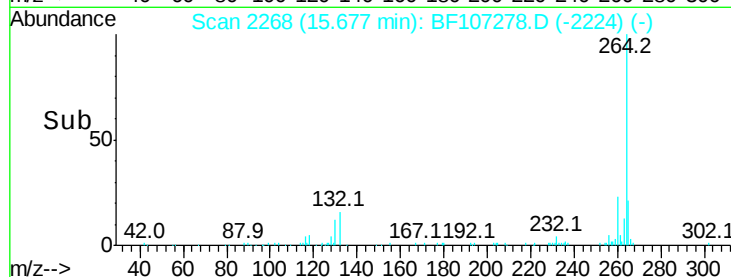
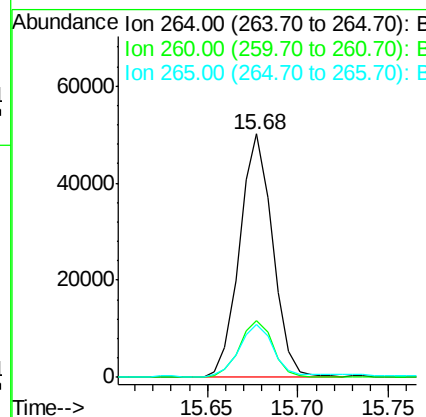
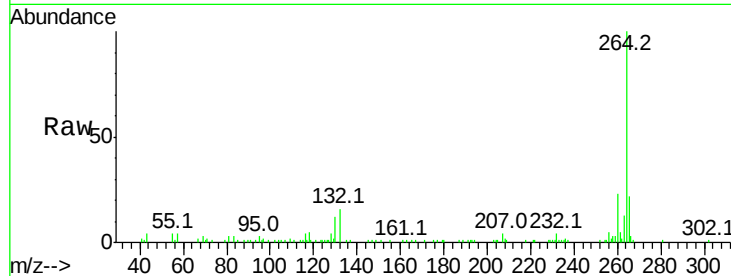


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tot Ion:264 Resp: 63741

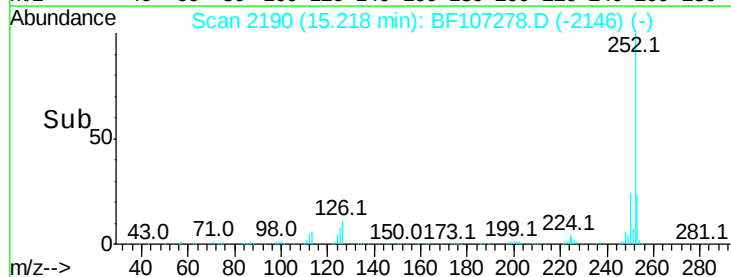
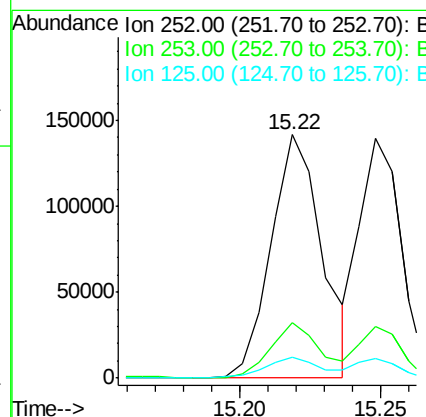
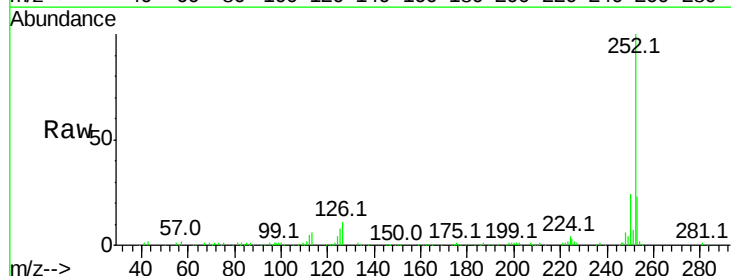
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3

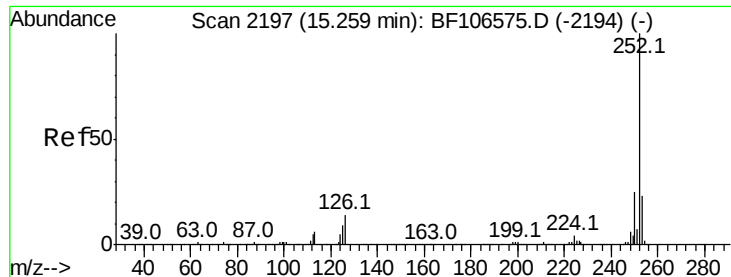


#87
Benzo(b)fluoranthene
Concen: 45.098 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:252 Resp: 178568

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.4	9.0	13.6#

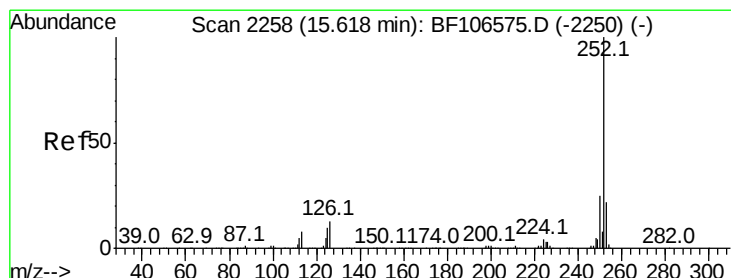
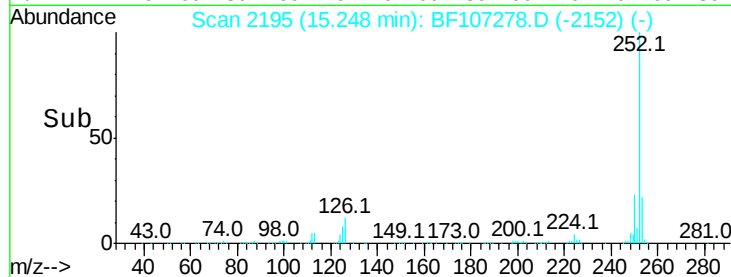
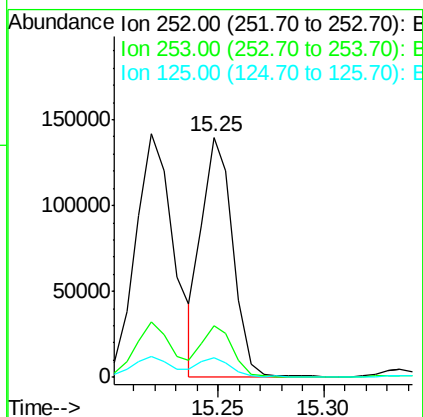
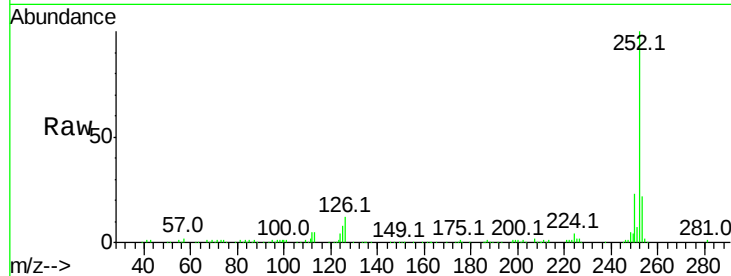




#88
Benzo(k)fluoranthene
Concen: 38.168 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

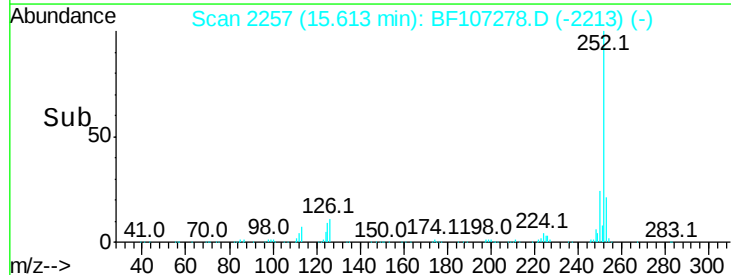
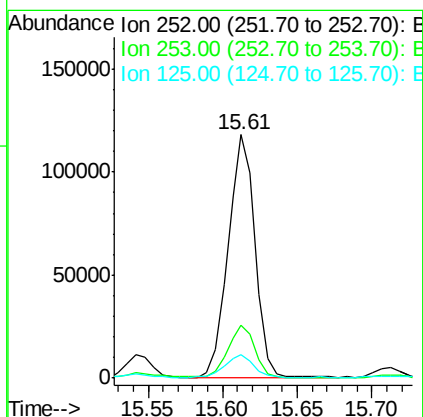
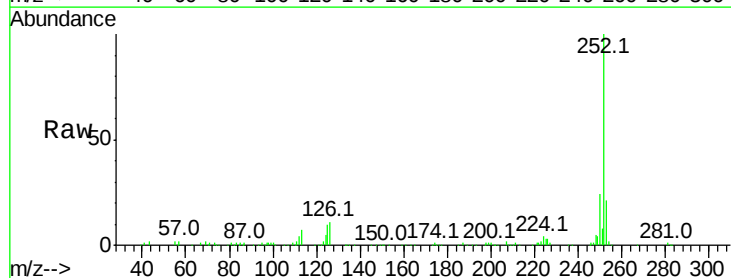
Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

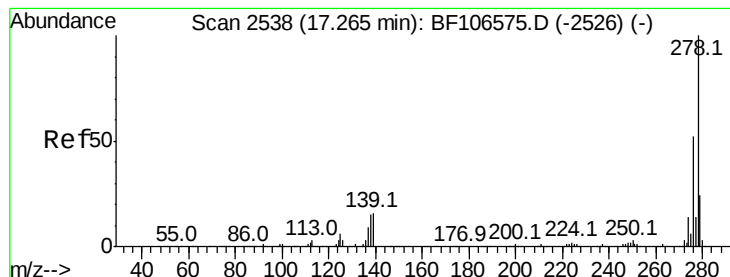
Tot Ion:252 Resp: 143920
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 8.1 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 42.789 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107278.D
Acq: 10 Jul 2018 17:42

Tgt Ion:252 Resp: 150616
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.5 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 38.406 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.05 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

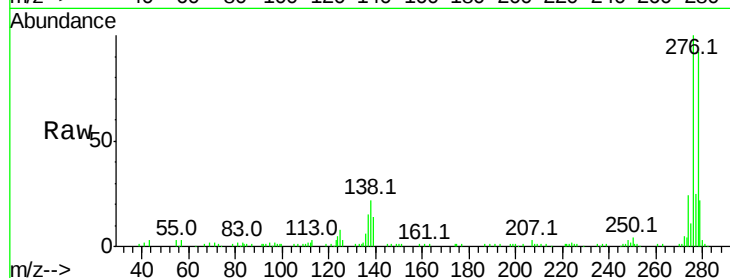
Tot Ion:278 Resp: 114571

Ion Ratio Lower Upper

278 100

139 15.0 15.9 23.9#

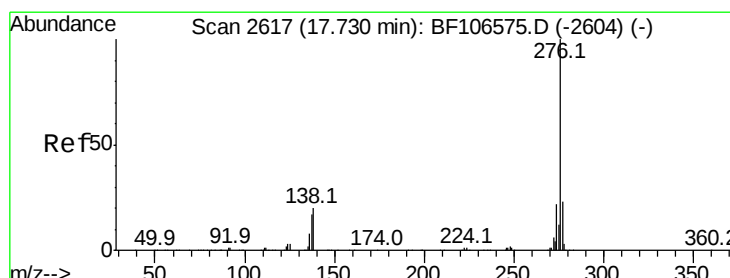
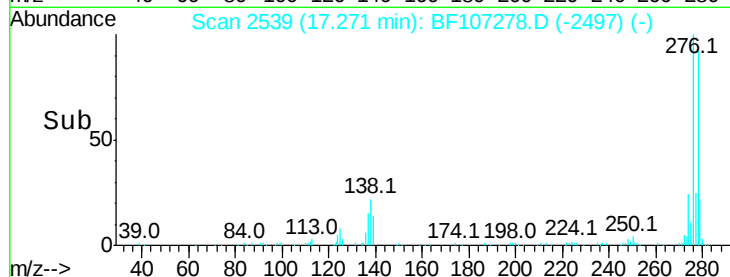
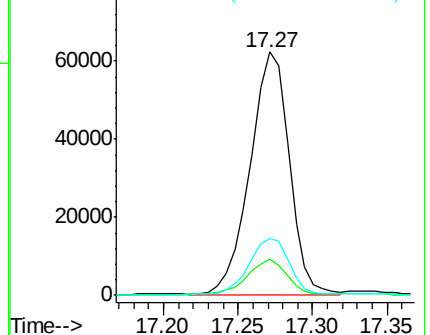
279 23.4 19.0 28.4



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: 42.097 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107278.D

Acq: 10 Jul 2018 17:42

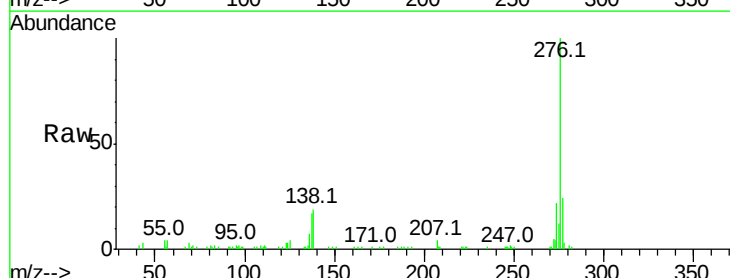
Tgt Ion:276 Resp: 122746

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 18.8 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

