

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105172.D
 Acq On : 9 May 2018 4:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215608	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	862008	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	423430	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	827088	20.00	ng	0.00
75) Chrysene-d12	13.99	240	646484	20.00	ng	-0.02
86) Perylene-d12	15.50	264	579747	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	955421	73.00	ng	0.00
7) Phenol-d6	6.42	99	1163990	74.69	ng	0.00
23) Nitrobenzene-d5	7.36	82	1014187	79.74	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	365324	78.20	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1874980	68.73	ng	0.00
78) Terphenyl-d14	12.90	244	1858927	66.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	239676	34.637	ng	90
3) Pyridine	3.24	79	662095	35.679	ng	87
4) n-Nitrosodimethylamine	3.20	42	331269	35.220	ng	85
6) Aniline	6.46	93	806343	35.430	ng	95
8) 2-Chlorophenol	6.57	128	512063	36.883	ng	95
9) Benzaldehyde	6.35	77	416829	34.898	ng	99
10) Phenol	6.43	94	630826	36.375	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	490471	34.316	ng	93
12) 1,3-Dichlorobenzene	6.73	146	587028	35.079	ng	99
13) 1,4-Dichlorobenzene	6.81	146	587619	35.116	ng	99
14) 1,2-Dichlorobenzene	6.96	146	543103	35.185	ng	100
15) Benzyl Alcohol	6.93	79	453992	38.065	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	906841	34.141	ng	98
17) 2-Methylphenol	7.04	107	436794	36.439	ng	98
18) Hexachloroethane	7.30	117	201973	37.509	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	371129	35.970	ng	91
20) 3+4-Methylphenols	7.20	107	515991	36.630	ng	# 82
22) Acetophenone	7.20	105	685460	34.114	ng	# 90
24) Nitrobenzene	7.38	77	556161	38.565	ng	99
25) Isophorone	7.62	82	998289	35.096	ng	98
26) 2-Nitrophenol	7.69	139	258678	45.489	ng	98
27) 2,4-Dimethylphenol	7.73	122	475327	37.603	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	613285	34.936	ng	99
29) 2,4-Dichlorophenol	7.93	162	436889	36.944	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	484155	35.499	ng	99
31) Naphthalene	8.10	128	1453721	35.025	ng	99
32) Benzoic acid	7.84	122	316649	44.131	ng	95
33) 4-Chloroaniline	8.15	127	618622	35.843	ng	98
34) Hexachlorobutadiene	8.22	225	277124	35.074	ng	98
35) Caprolactam	8.52	113	135603	37.757	ng	# 77
36) 4-Chloro-3-methylphenol	8.62	107	453459	36.830	ng	96
37) 2-Methylnaphthalene	8.79	142	1011138	34.951	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	479948	35.620	ng	98
40) Hexachlorocyclopentadiene	8.94	237	308099	42.287	ng	98

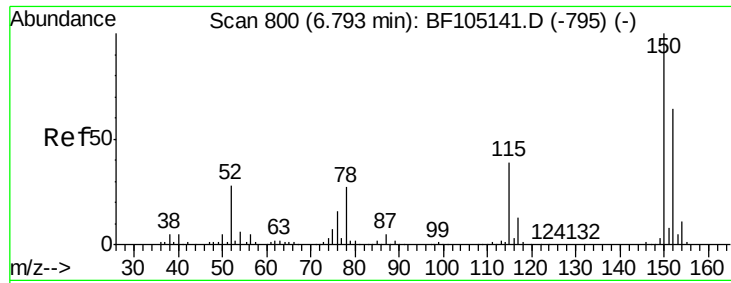
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105172.D
 Acq On : 9 May 2018 4:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	310968	37.827	ng	94
43) 2,4,5-Trichlorophenol	9.10	196	333333	38.805	ng	91
45) 1,1'-Biphenyl	9.25	154	1206793	34.980	ng	99
46) 2-Chloronaphthalene	9.27	162	909842	35.286	ng	99
47) 2-Nitroaniline	9.37	65	301305	41.468	ng	86
48) Acenaphthylene	9.69	152	1418518	35.620	ng	98
49) Dimethylphthalate	9.56	163	1036933	36.174	ng	98
50) 2,6-Dinitrotoluene	9.62	165	249924	40.181	ng	97
51) Acenaphthene	9.86	154	927533	36.139	ng	99
52) 3-Nitroaniline	9.79	138	265821	40.574	ng	99
53) 2,4-Dinitrophenol	9.88	184	118331	54.340	ng	# 21
54) Dibenzofuran	10.03	168	1315109	35.030	ng	100
55) 4-Nitrophenol	9.93	139	219561	39.536	ng	98
56) 2,4-Dinitrotoluene	10.02	165	330094	40.523	ng	96
57) Fluorene	10.38	166	939642	34.128	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	289352	37.738	ng	89
59) Diethylphthalate	10.26	149	1051936	37.340	ng	95
60) 4-Chlorophenyl-phenylether	10.37	204	456282	35.600	ng	93
61) 4-Nitroaniline	10.40	138	267883	41.091	ng	98
62) Azobenzene	10.53	77	1025928	34.910	ng	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	159804	50.195	ng	87
65) n-Nitrosodiphenylamine	10.49	169	901053	34.949	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	311346	35.296	ng	# 86
67) Hexachlorobenzene	10.92	284	358353	35.257	ng	# 86
68) Atrazine	11.02	200	290846	35.993	ng	95
69) Pentachlorophenol	11.11	266	222692	38.840	ng	99
70) Phenanthrene	11.34	178	1482323	33.994	ng	99
71) Anthracene	11.39	178	1521652	34.344	ng	99
72) Carbazole	11.55	167	1393930	34.914	ng	98
73) Di-n-butylphthalate	11.88	149	1571472	36.801	ng	99
74) Fluoranthene	12.53	202	1592549	35.050	ng	97
76) Benzidine	12.65	184	830575	34.405	ng	95
77) Pyrene	12.76	202	1624221	34.542	ng	99
79) Butylbenzylphthalate	13.39	149	642755	39.285	ng	# 95
80) Benzo(a)anthracene	13.98	228	1334238	34.030	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	538064	36.504	ng	# 96
82) Chrysene	14.02	228	1364173	33.785	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	763765	39.286	ng	98
84) Di-n-octyl phthalate	14.64	149	1380247	38.254	ng	97
85) Indeno(1,2,3-cd)pyrene	16.94	276	1107851	34.623	ng	94
87) Benzo(b)fluoranthene	15.09	252	1305780	36.816	ng	# 97
88) Benzo(k)fluoranthene	15.12	252	1211609	35.229	ng	# 96
89) Benzo(a)pyrene	15.44	252	1190867	36.917	ng	97
90) Dibenzo(a,h)anthracene	16.97	278	917115	36.605	ng	# 96
91) Benzo(g,h,i)perylene	17.38	276	915393	37.346	ng	93

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

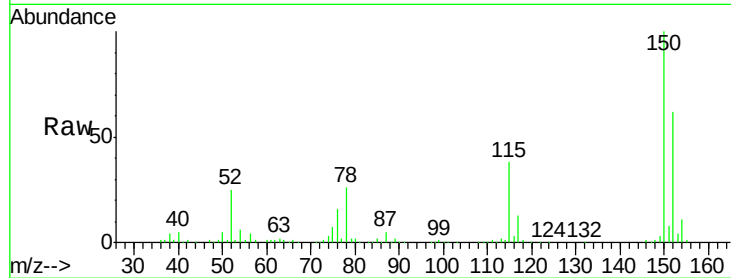


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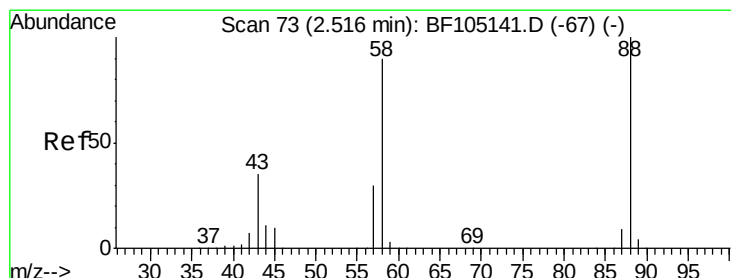
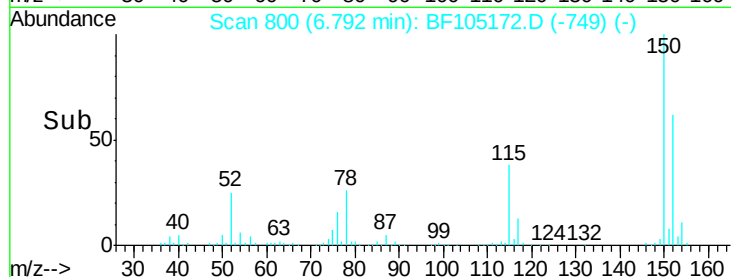
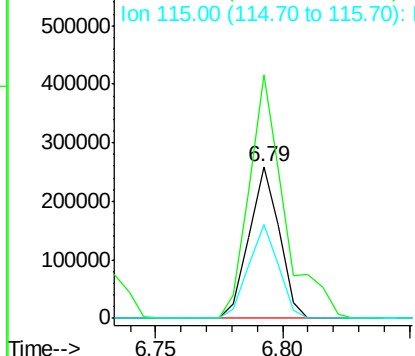
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 215608
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 61.6 50.1 75.1



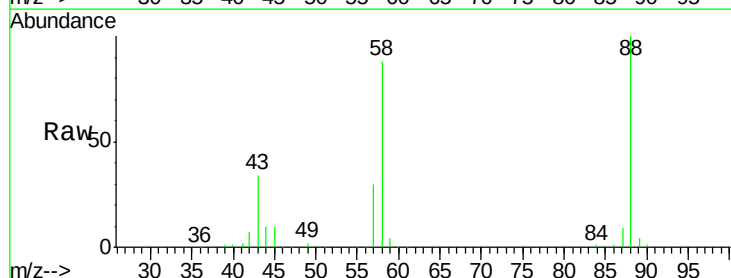
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



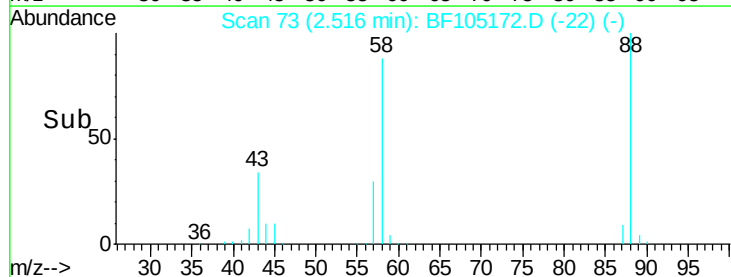
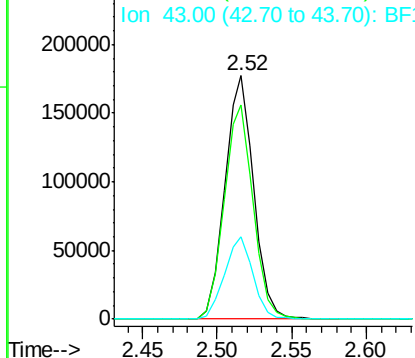
#2

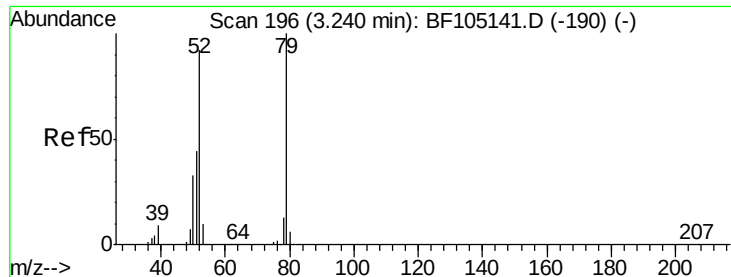
1,4-Dioxane
Concen: 34.637 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion: 88 Resp: 239676
Ion Ratio Lower Upper
88 100
58 88.2 62.6 93.8
43 33.7 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: 35.679 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

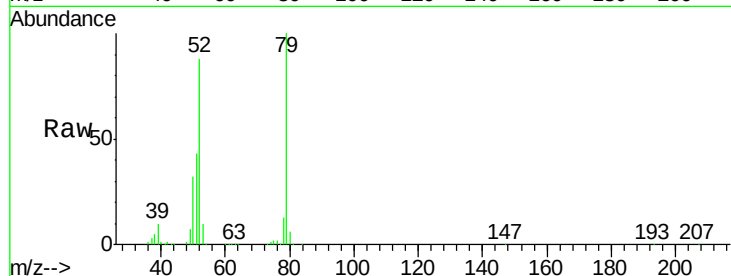
Tot Ion: 79 Resp: 662095

Ion Ratio Lower Upper

79 100

52 87.6 59.8 89.6

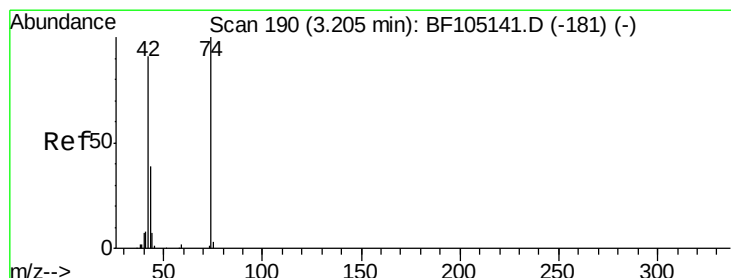
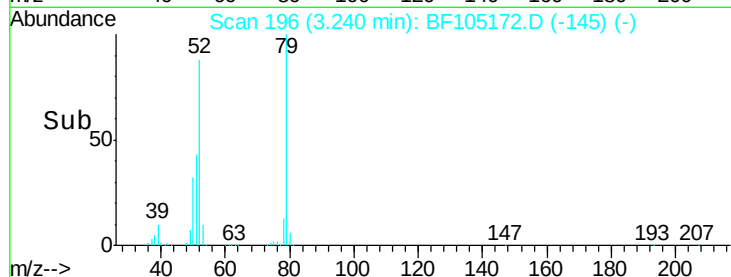
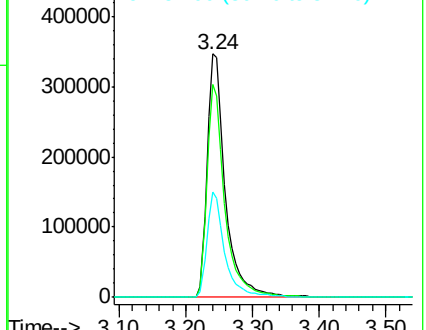
51 43.1 29.8 44.8



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: 35.220 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

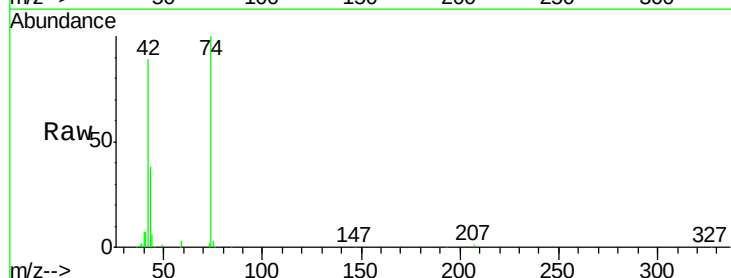
Tgt Ion: 42 Resp: 331269

Ion Ratio Lower Upper

42 100

74 112.5 104.9 157.3

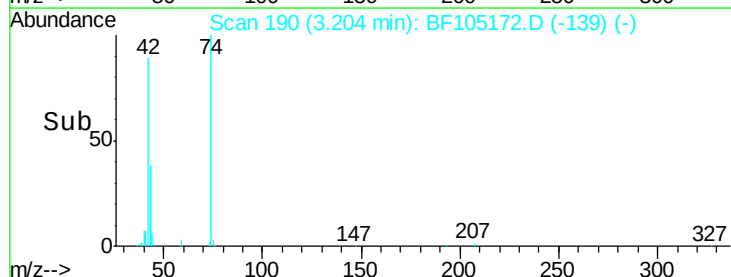
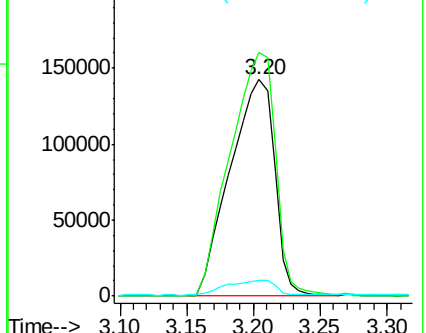
44 7.0 6.9 10.3

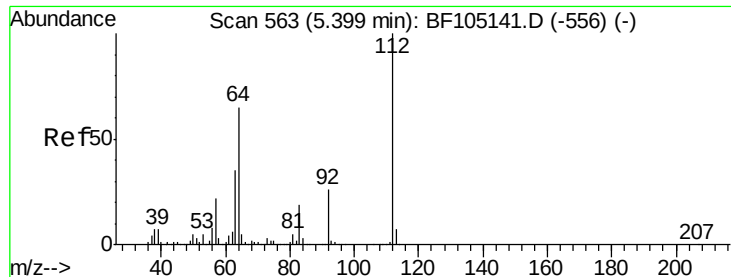


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.003 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

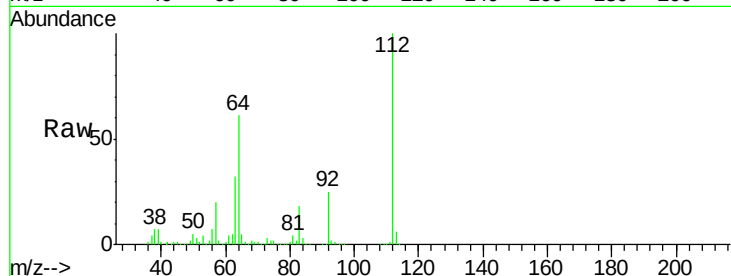
Tot Ion:112 Resp: 955421

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

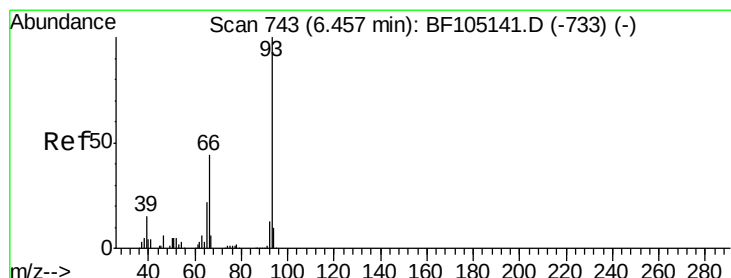
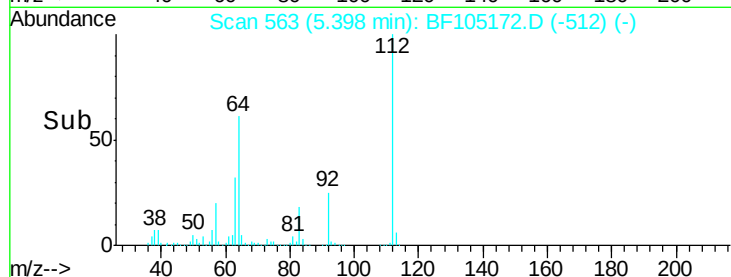
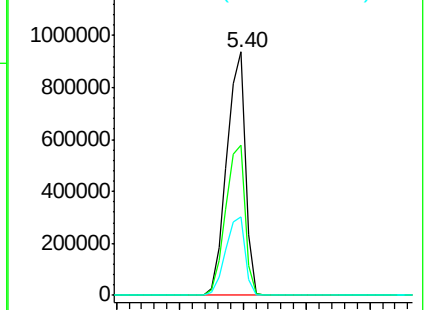
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.430 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

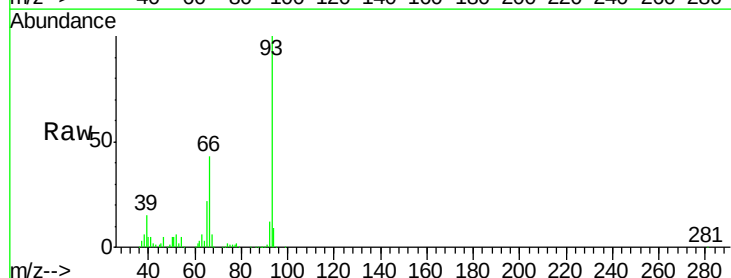
Tgt Ion: 93 Resp: 806343

Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

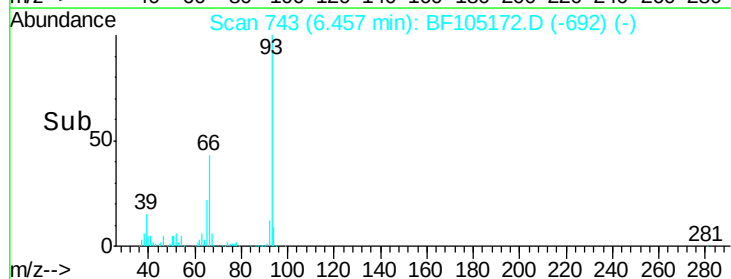
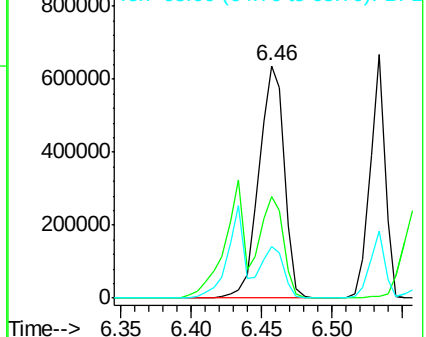
65 22.3 16.4 24.6

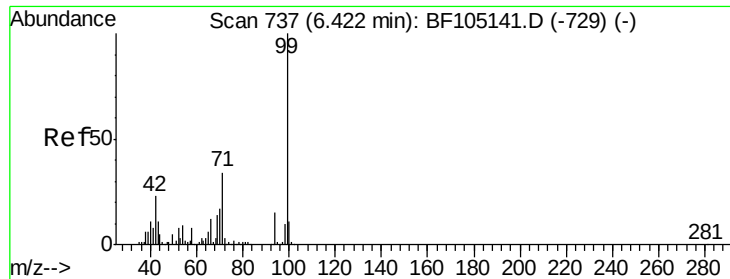


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.694 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

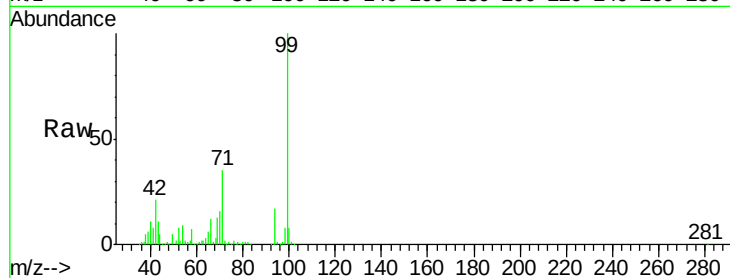
Tot Ion: 99 Resp: 1163990

Ion Ratio Lower Upper

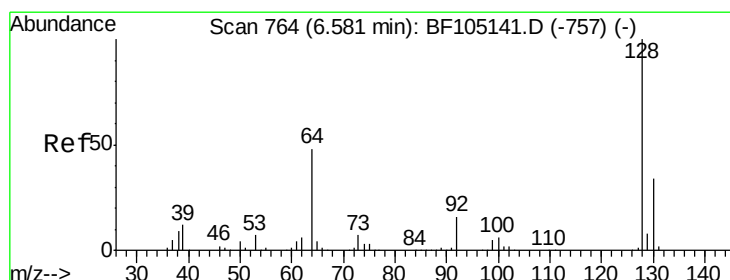
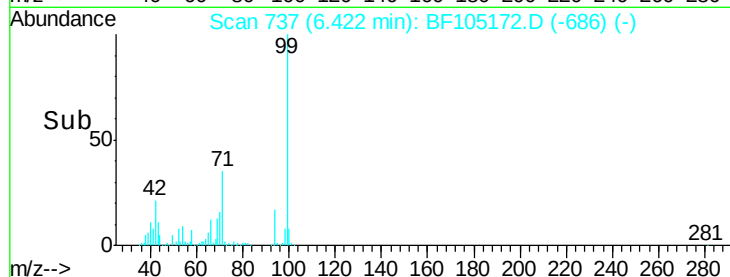
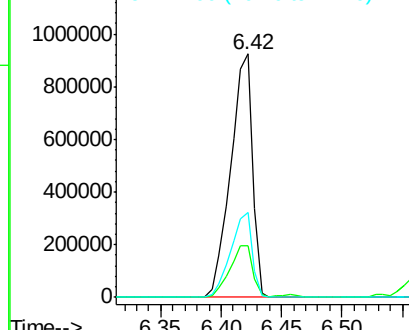
99 100

42 21.4 14.5 21.7

71 35.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 36.883 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

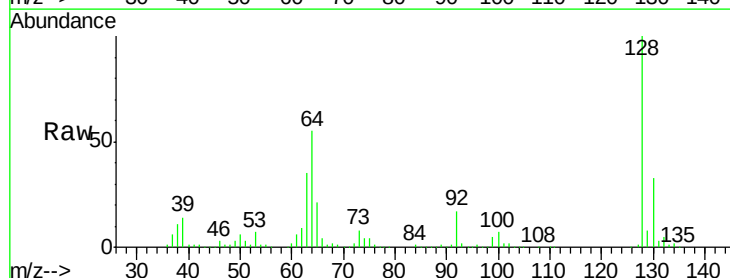
Tgt Ion: 128 Resp: 512063

Ion Ratio Lower Upper

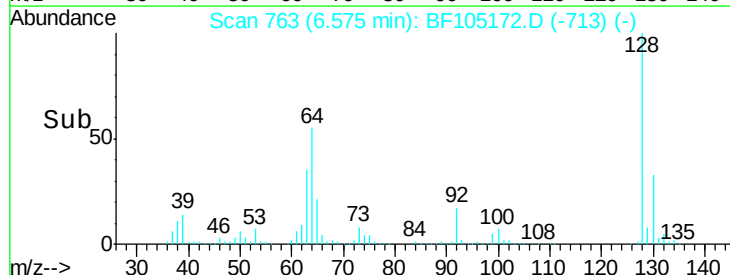
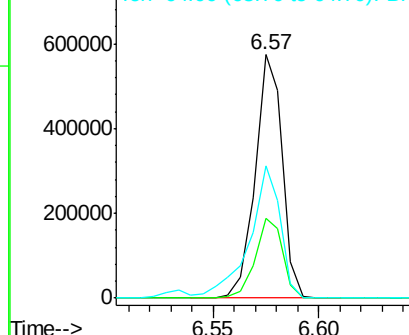
128 100

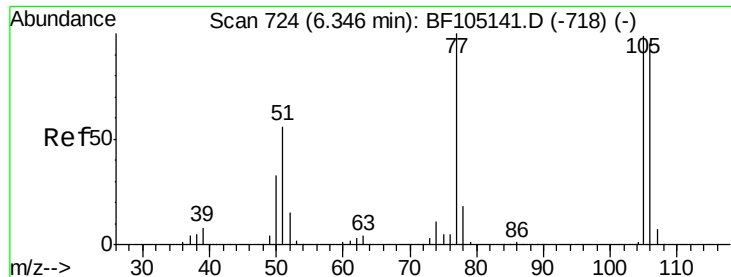
130 32.5 13.0 53.0

64 54.6 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: 34.898 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

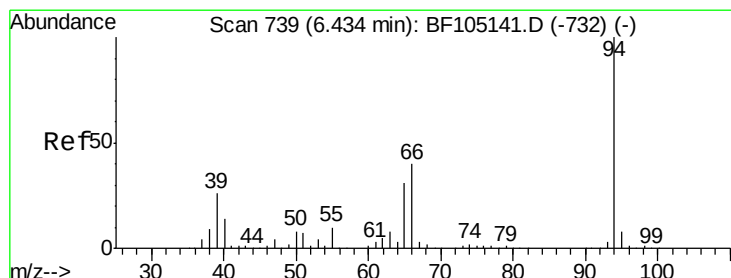
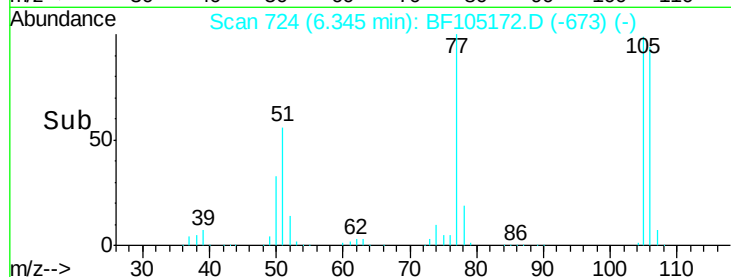
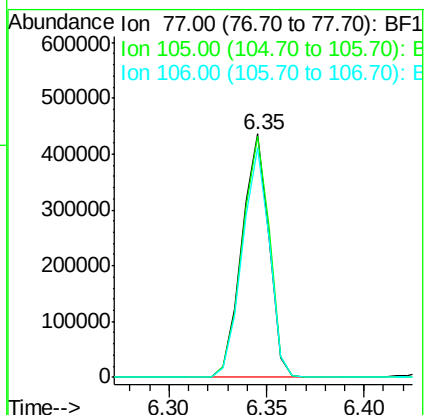
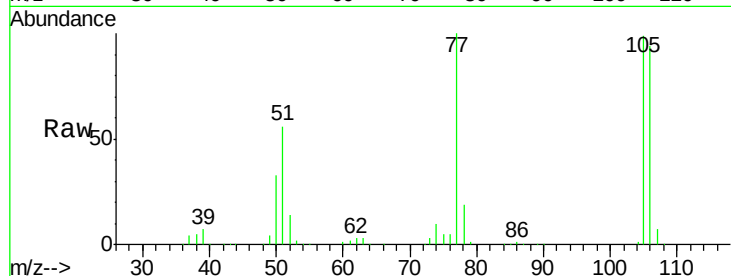
Tot Ion: 77 Resp: 416829

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

106 94.3 74.5 114.5



#10

Phenol

Concen: 36.375 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

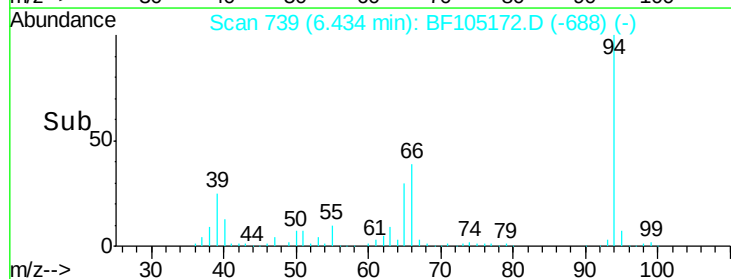
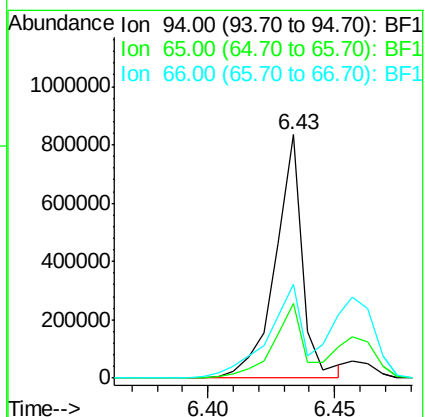
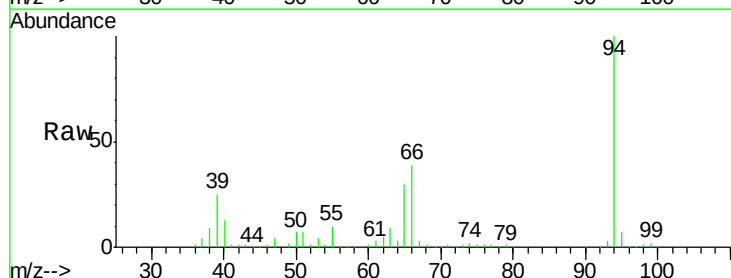
Tgt Ion: 94 Resp: 630826

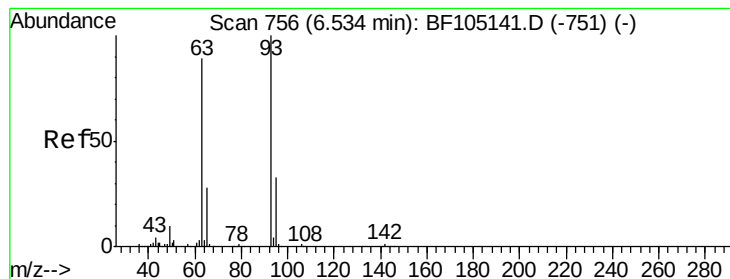
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 38.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.316 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

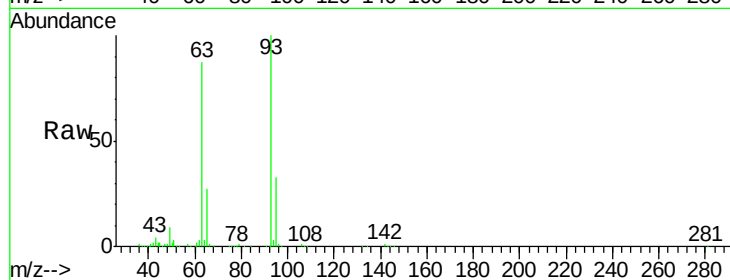
Tot Ion: 93 Resp: 490471

Ion Ratio Lower Upper

93 100

63 86.5 58.6 98.6

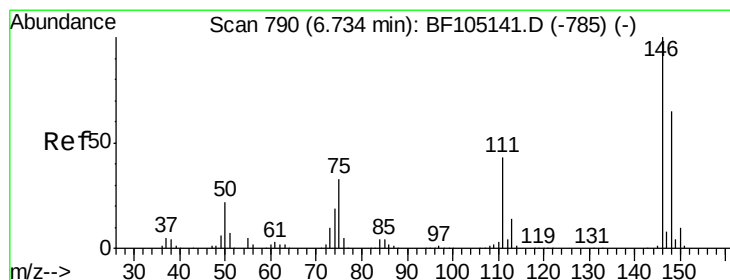
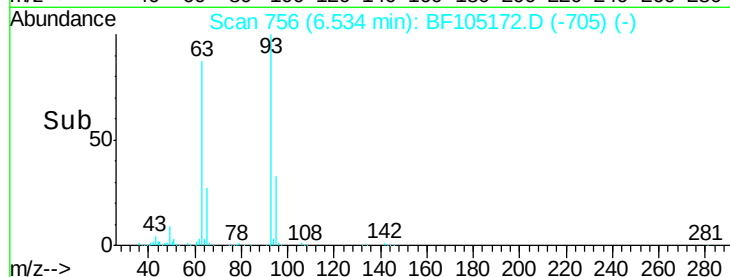
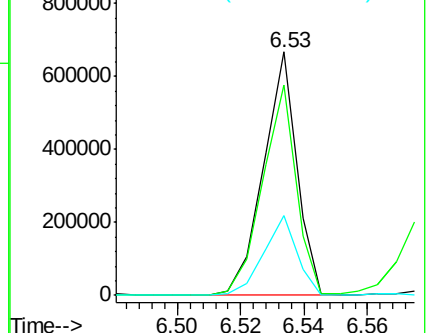
95 32.8 11.8 51.8



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: 35.079 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

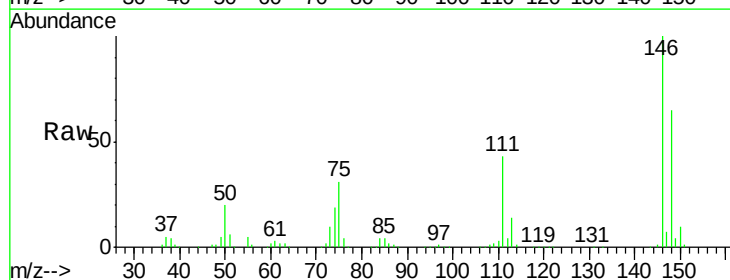
Tgt Ion: 146 Resp: 587028

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

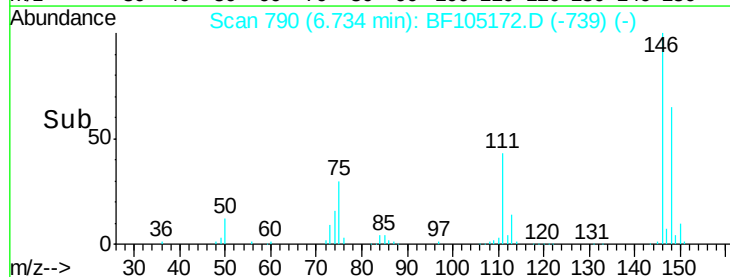
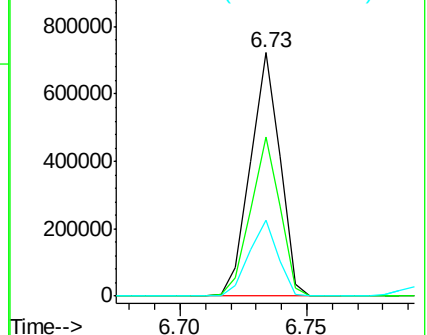
75 31.4 24.2 36.4

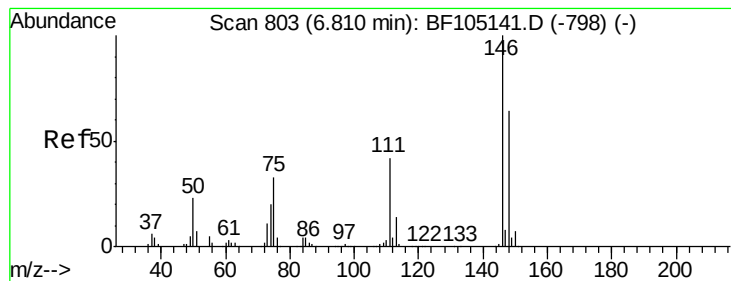


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.116 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

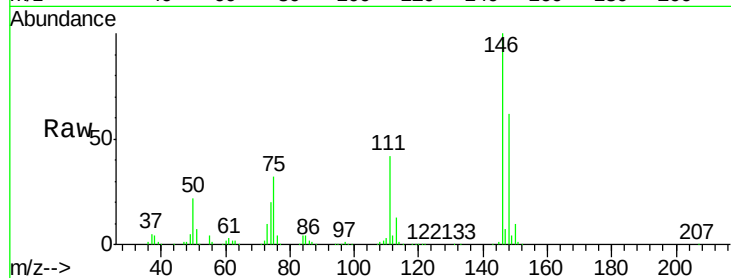
Tot Ion:146 Resp: 587619

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

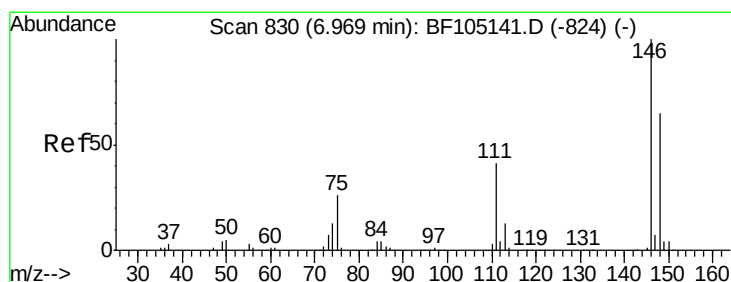
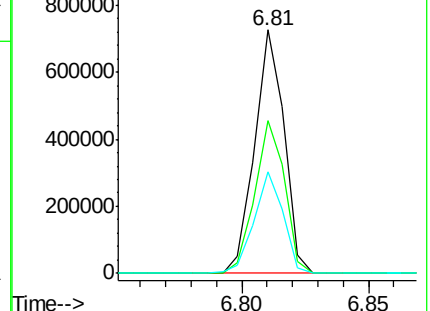
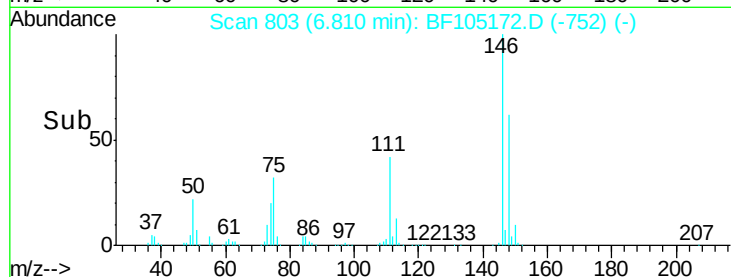
111 41.6 34.2 51.2



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: 35.185 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

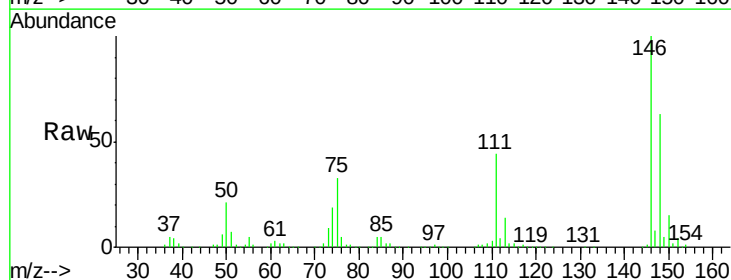
Tgt Ion:146 Resp: 543103

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

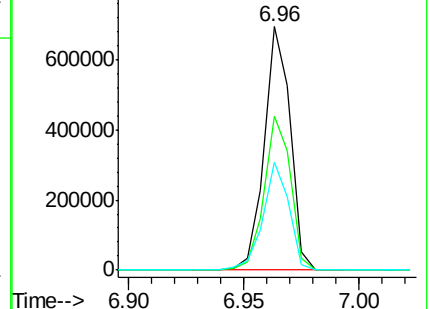
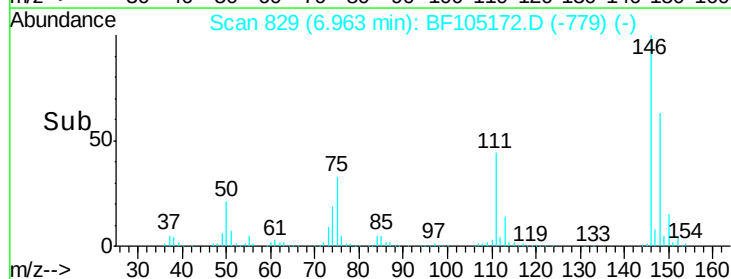
111 44.5 36.0 54.0

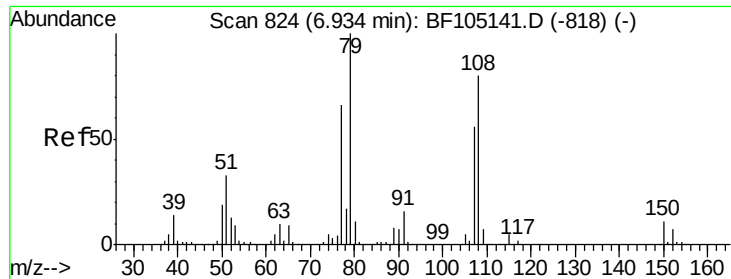


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

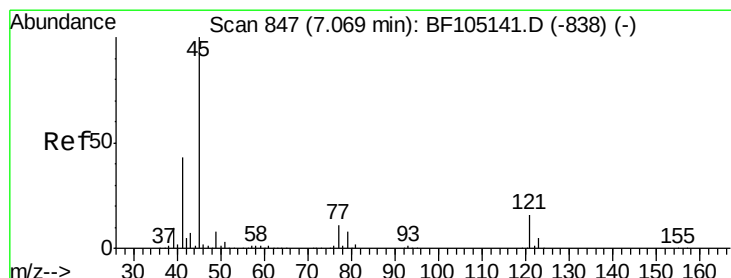
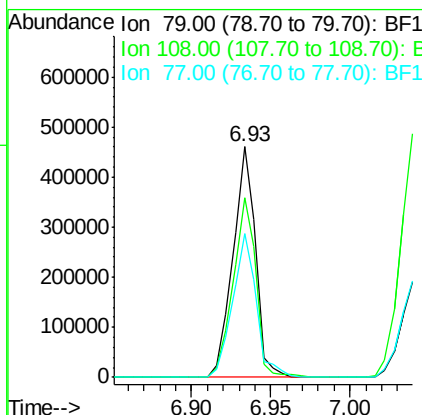
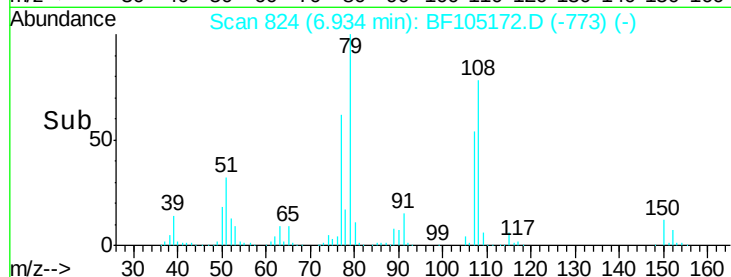
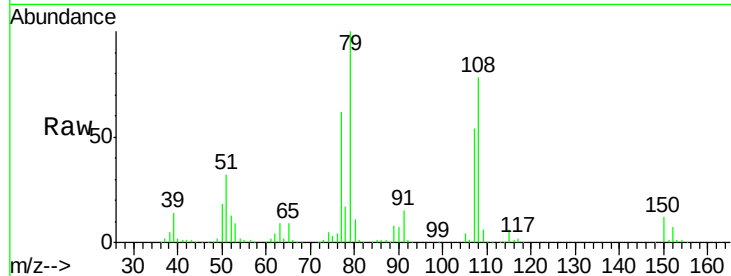




#15
Benzyl Alcohol
Concen: 38.065 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

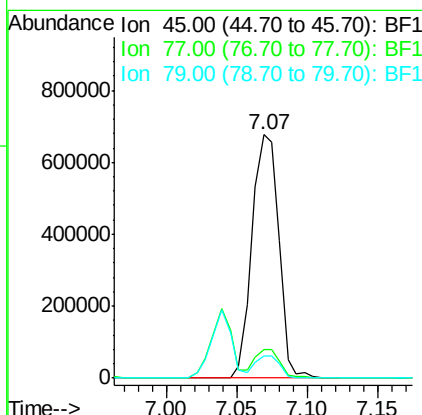
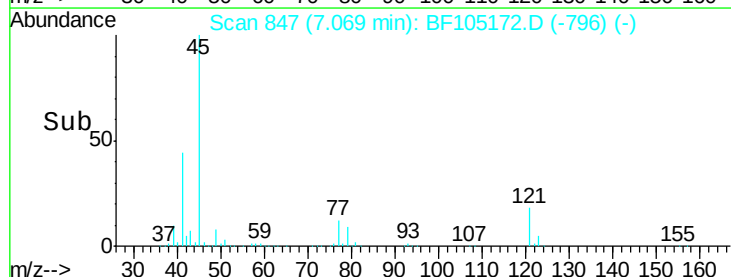
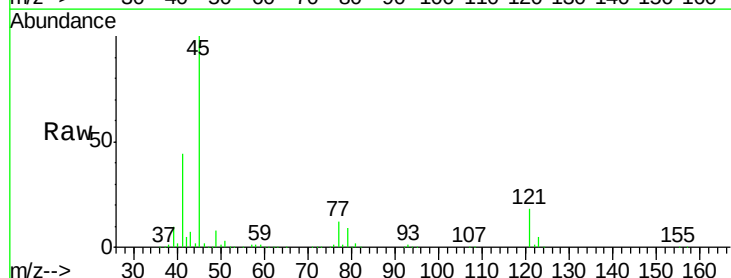
Instrument :
BNA_F
ClientSampleId :

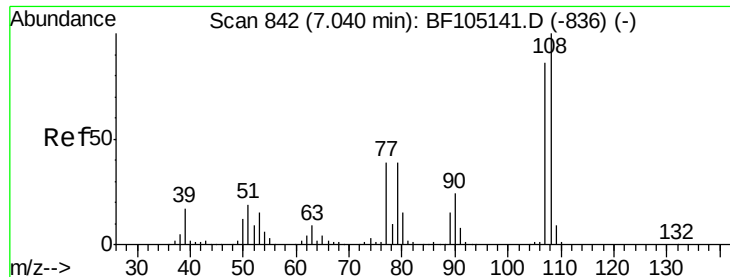
Tot Ion: 79 Resp: 453992
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.141 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion: 45 Resp: 906841
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.9
79 8.9 0.0 29.6

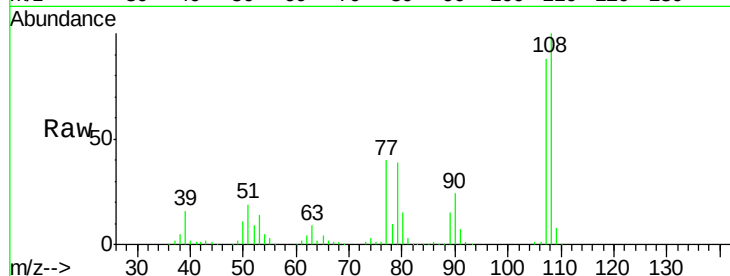




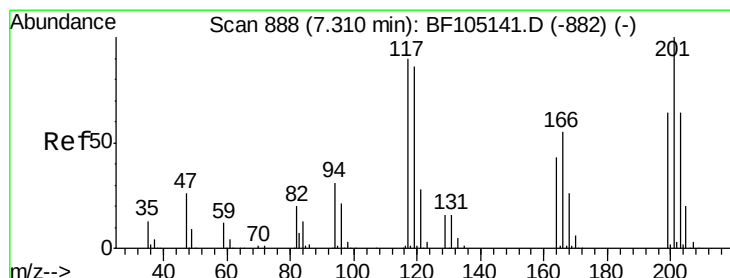
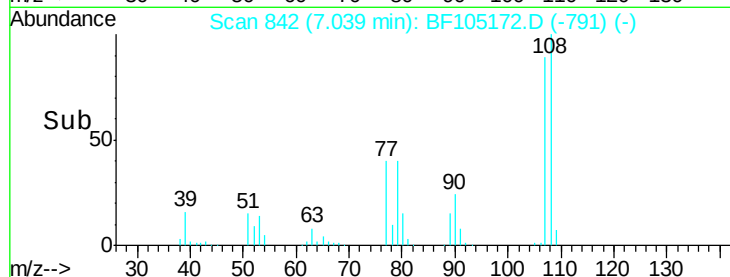
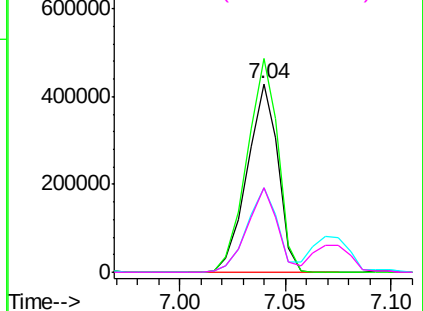
#17
2-Methylphenol
Concen: 36.439 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	44.8	33.8	50.8
79	44.5	33.8	50.8

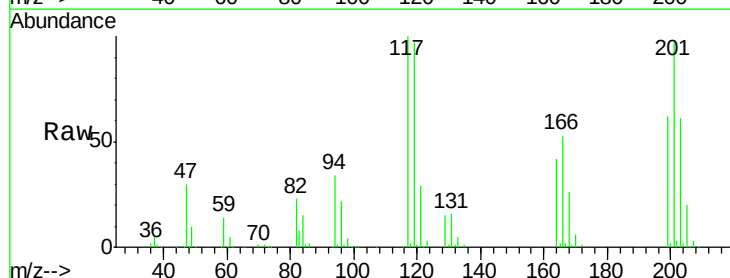


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

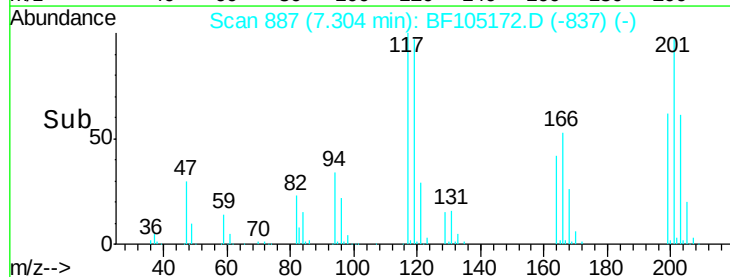
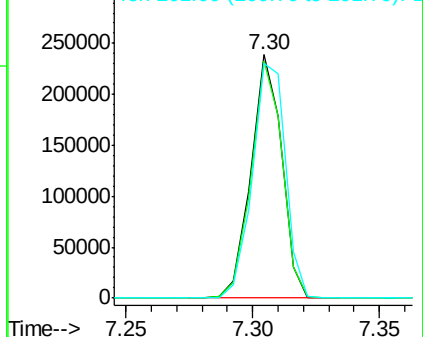


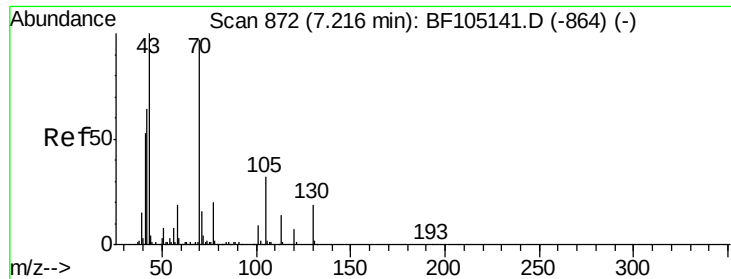
#18
Hexachloroethane
Concen: 37.509 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	96.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.970 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 371129

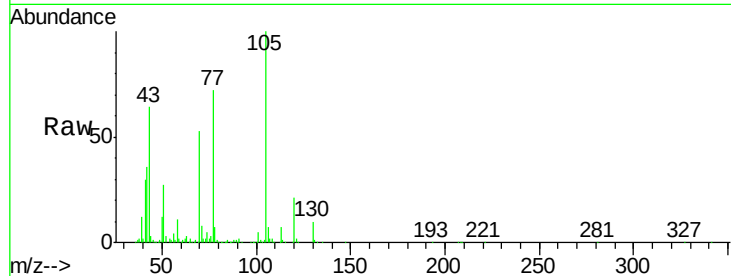
Ion Ratio Lower Upper

70 100

42 69.0 47.5 71.3

101 9.2 7.4 11.2

130 19.7 16.6 25.0

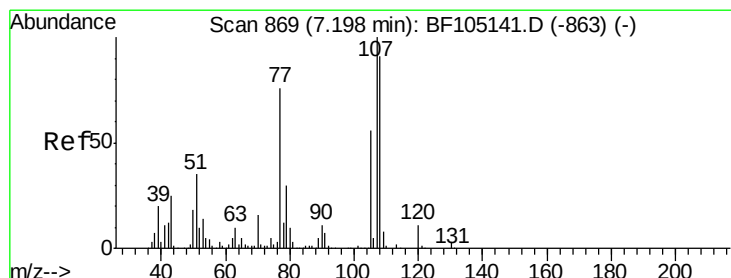
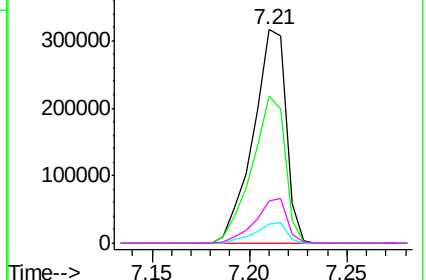
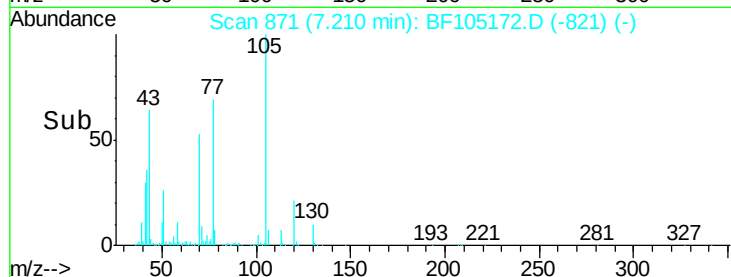


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 36.630 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Tgt Ion: 107 Resp: 515991

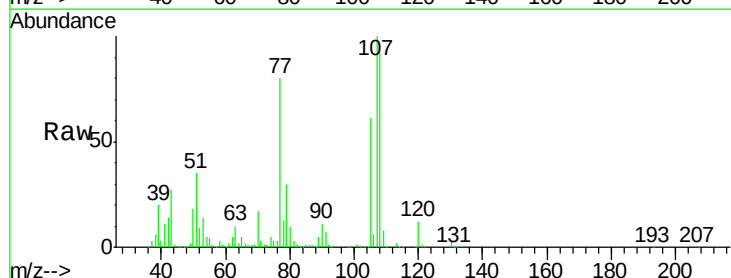
Ion Ratio Lower Upper

107 100

108 92.3 68.2 108.2

77 80.3 26.7 66.7#

79 30.1 6.3 46.3

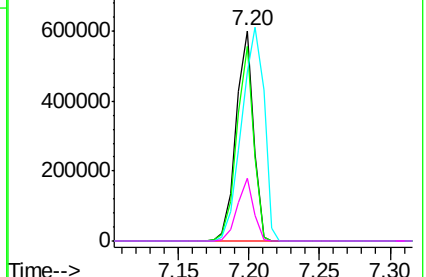
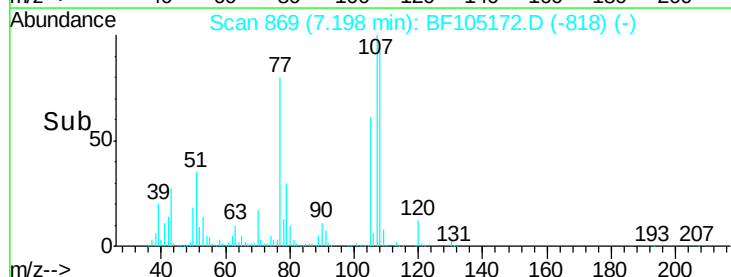


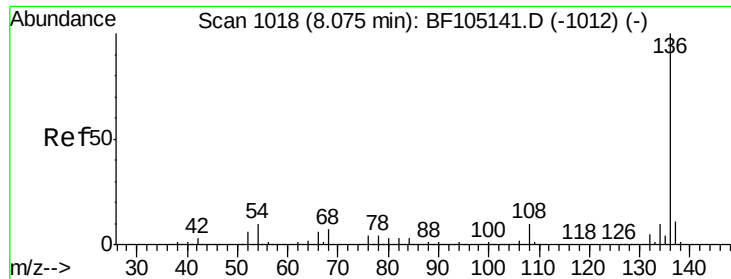
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

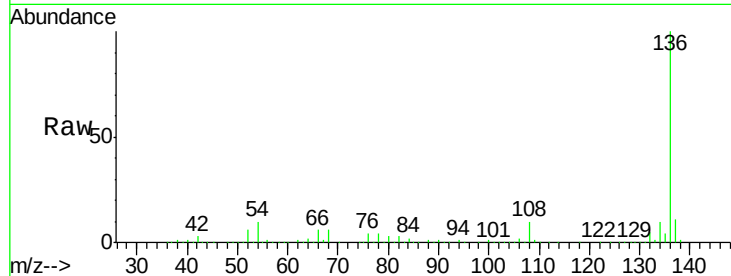




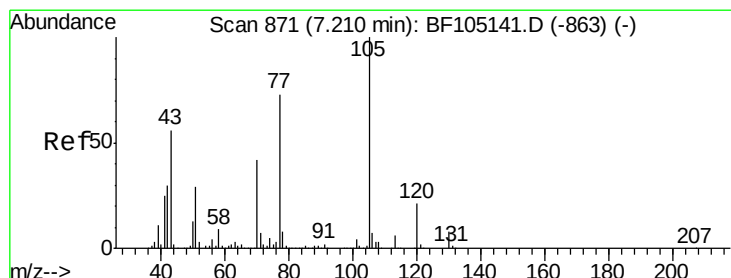
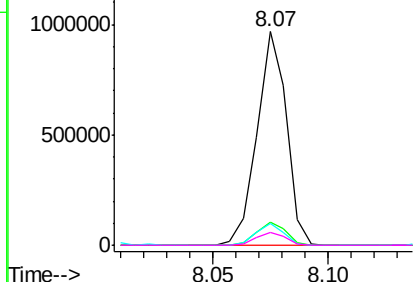
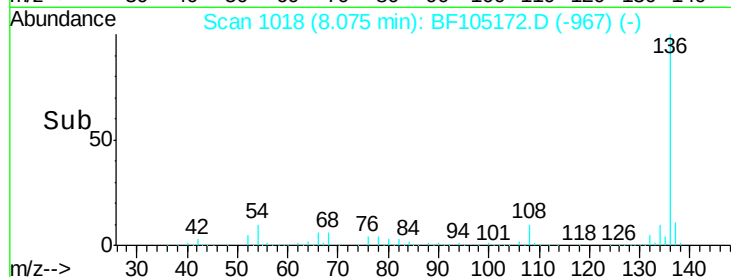
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	862008
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.0	6.6 9.8#
68	6.2	5.0 7.4

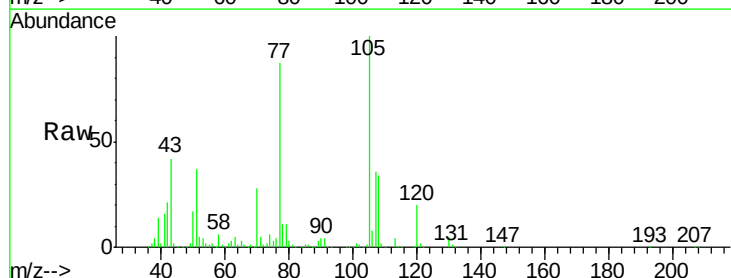


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

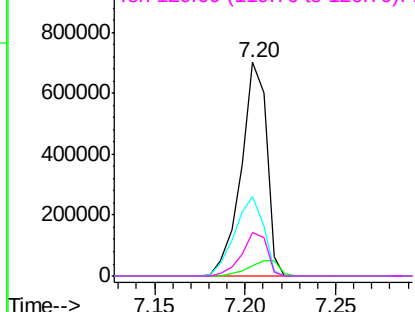
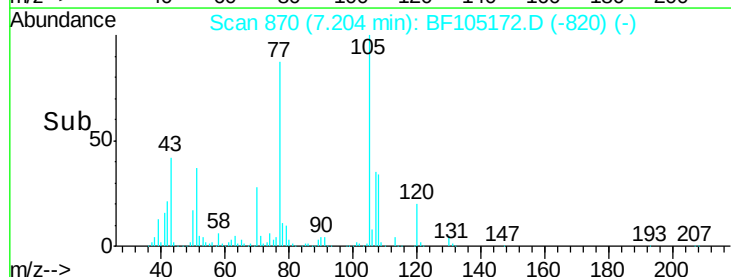


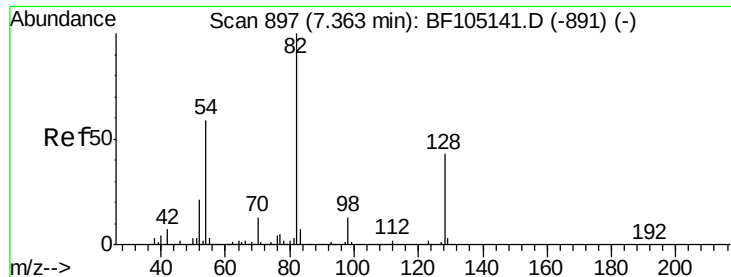
#22
Acetophenone
Concen: 34.114 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:105	Resp:	685460
Ion Ratio	Lower	Upper
105	100	
71	4.8	4.4 6.6
51	36.9	22.3 33.5#
120	20.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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: 79.738 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

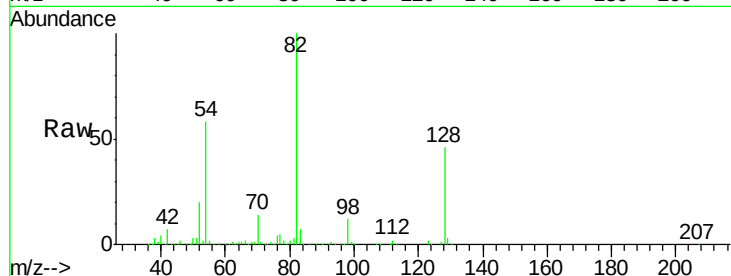
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1014187

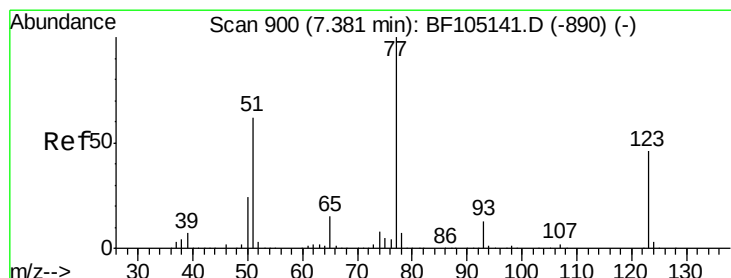
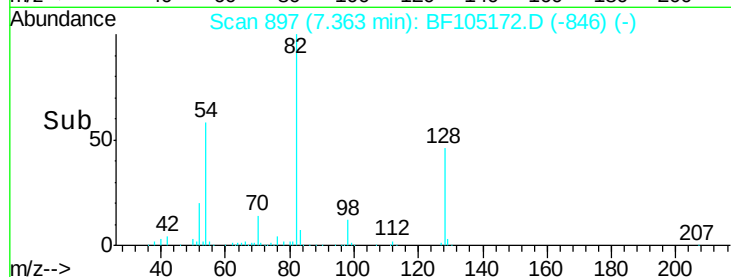
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	58.1	41.4	62.2



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: 38.565 ng

RT: 7.38 min Scan# 900

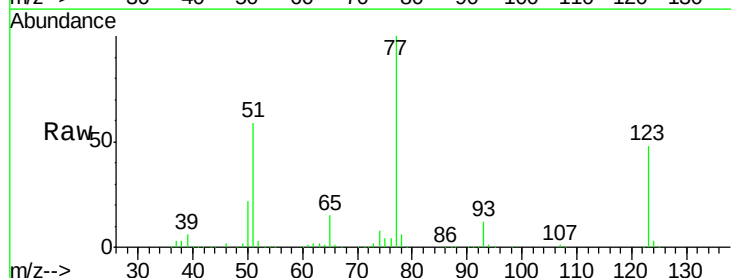
Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Tgt Ion: 77 Resp: 556161

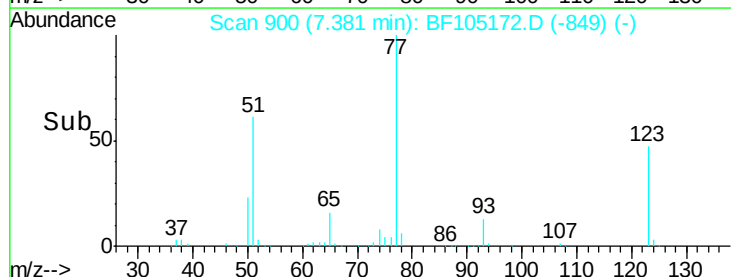
Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.9	56.9
65	14.7	11.0	16.4

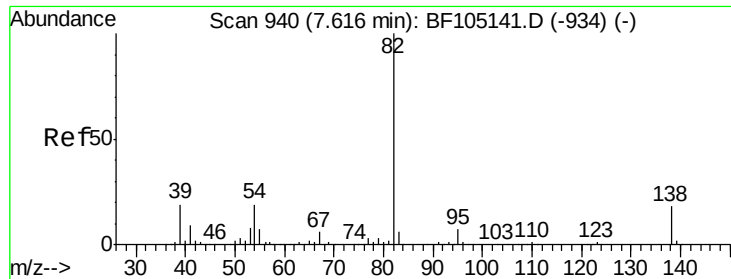


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.096 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

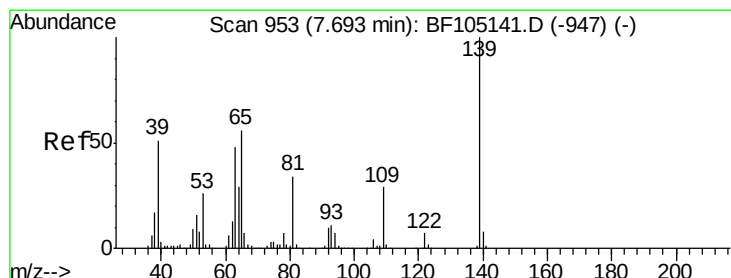
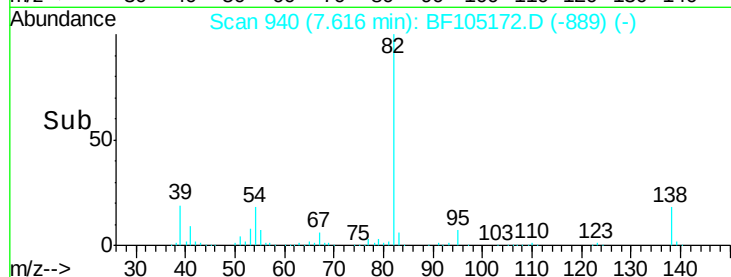
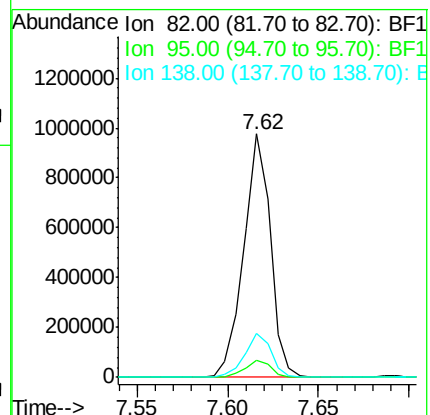
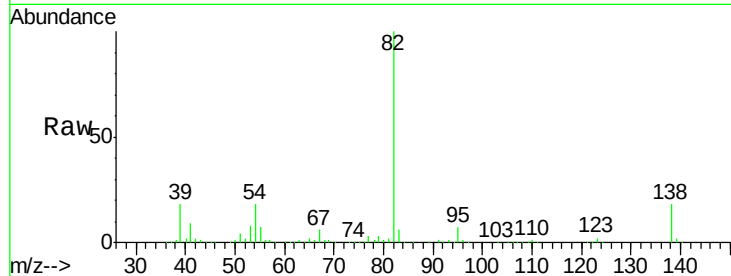
Tot Ion: 82 Resp: 998289

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 45.489 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

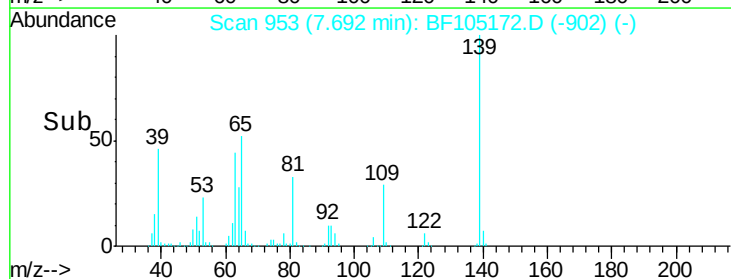
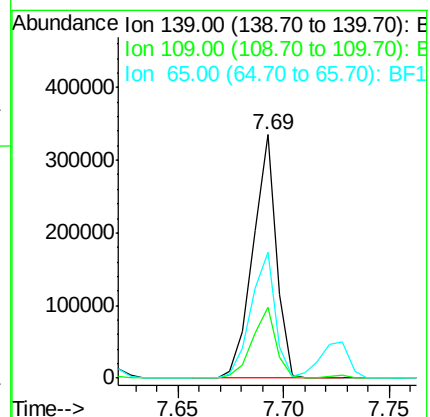
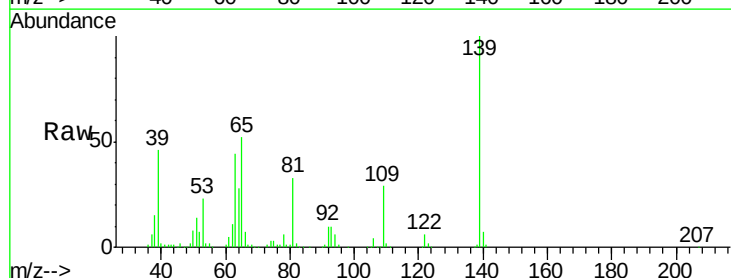
Tgt Ion: 139 Resp: 258678

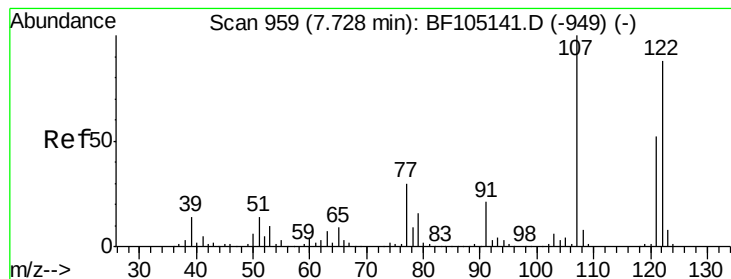
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 51.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.603 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

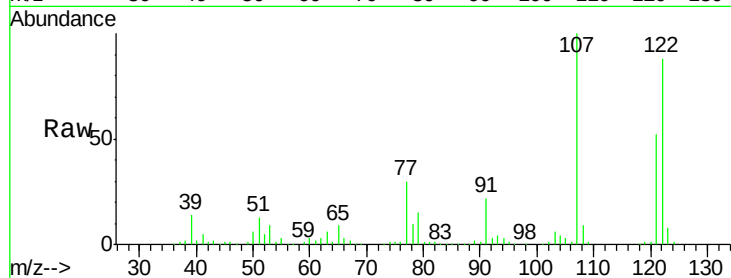
Tot Ion:122 Resp: 475327

Ion Ratio Lower Upper

122 100

107 113.5 91.2 136.8

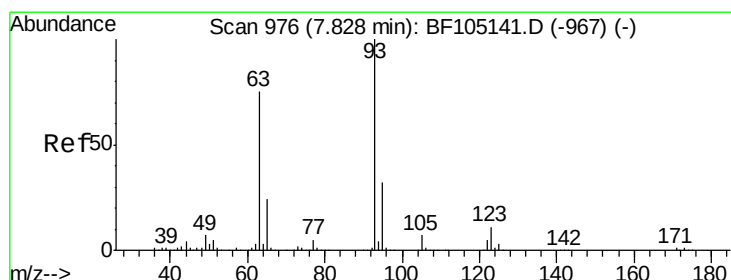
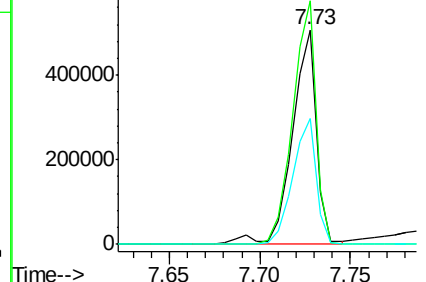
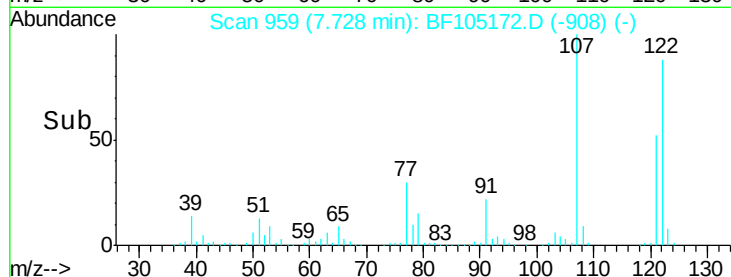
121 59.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.936 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

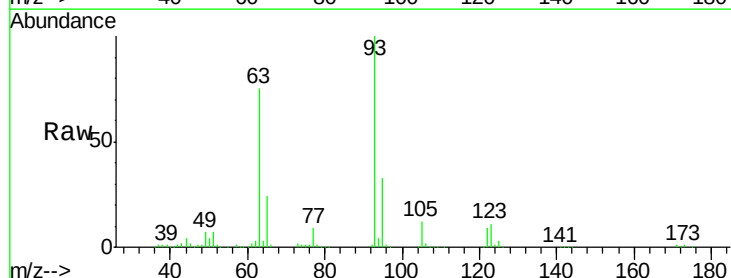
Tgt Ion: 93 Resp: 613285

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

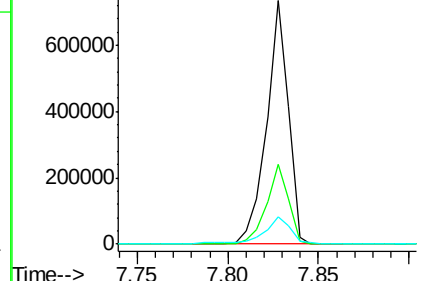
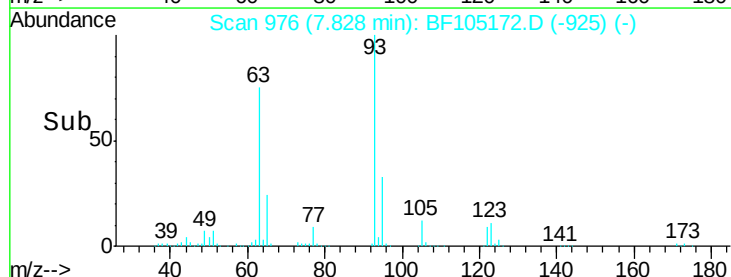
123 11.1 9.8 14.6

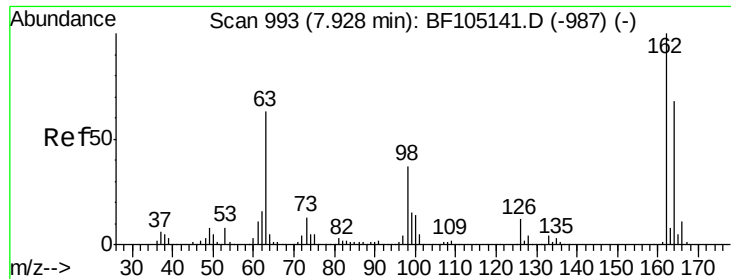


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

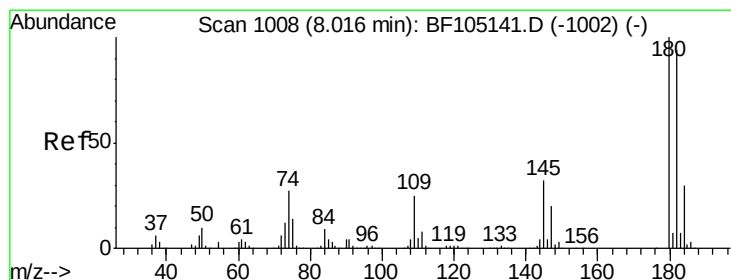
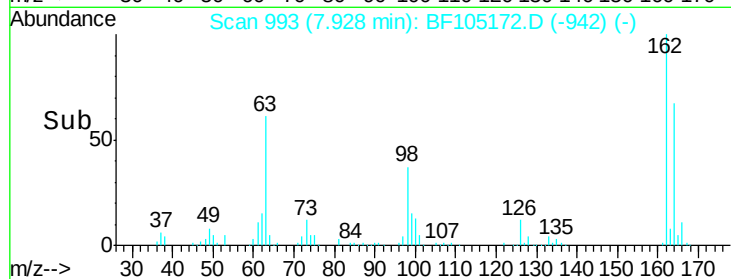
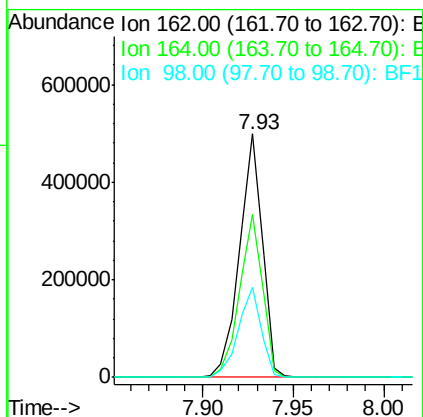
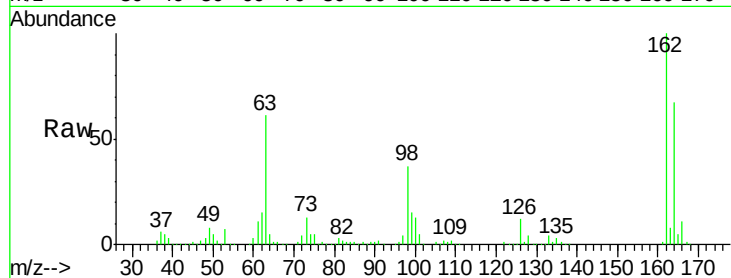




#29
2,4-Dichlorophenol
Concen: 36.944 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

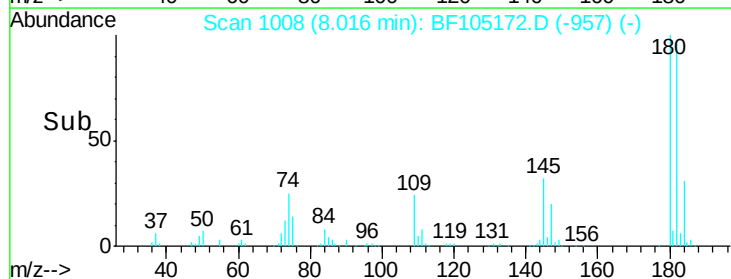
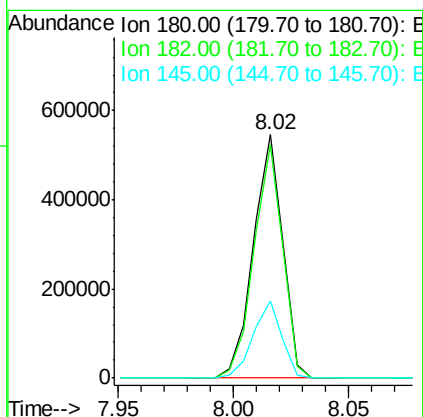
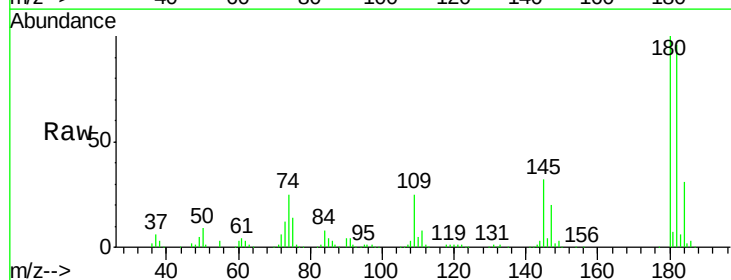
Instrument :
BNA_F
ClientSampleId :

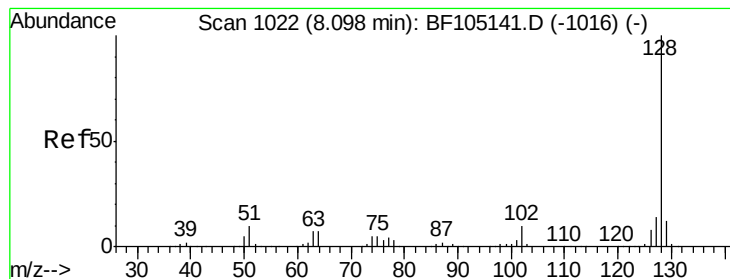
Tot Ion:162 Resp: 436889
Ion Ratio Lower Upper
162 100
164 66.8 42.7 82.7
98 37.0 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 35.499 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:180 Resp: 484155
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 31.6 26.5 39.7





#31

Naphthalene

Concen: 35.025 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

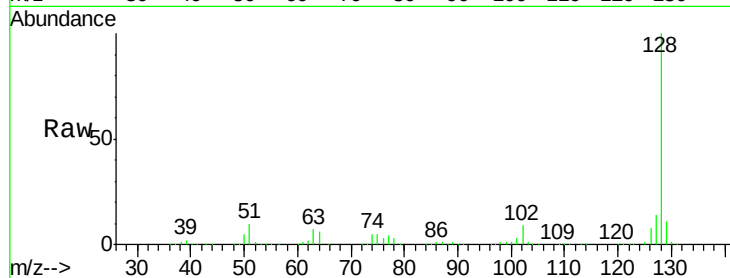
Tot Ion:128 Resp: 1453721

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

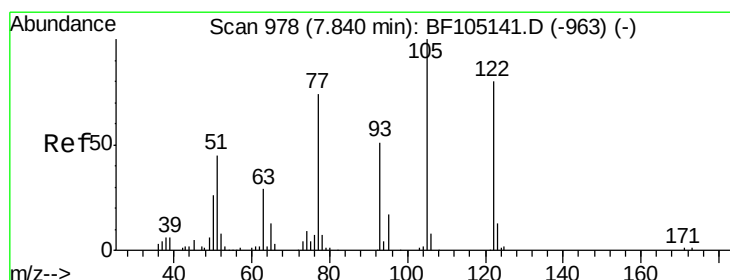
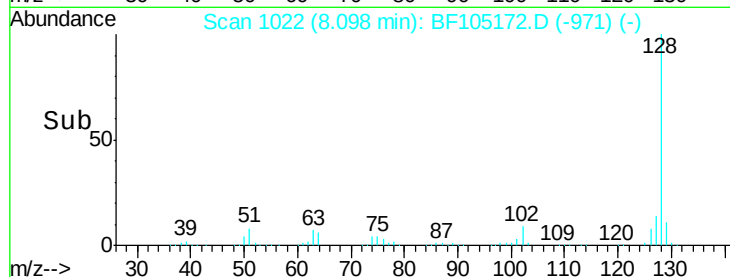
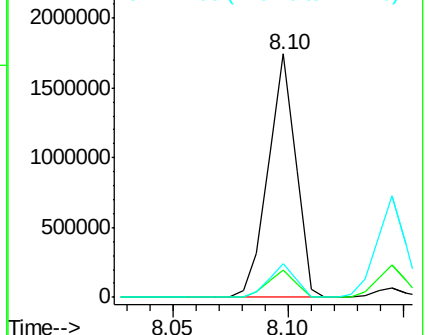
127 13.7 10.9 16.3



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: 44.131 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

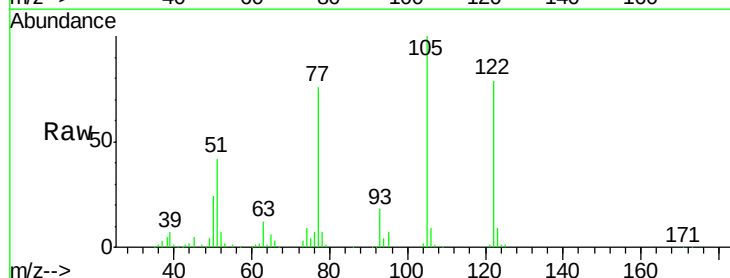
Tgt Ion:122 Resp: 316649

Ion Ratio Lower Upper

122 100

105 126.6 101.1 141.1

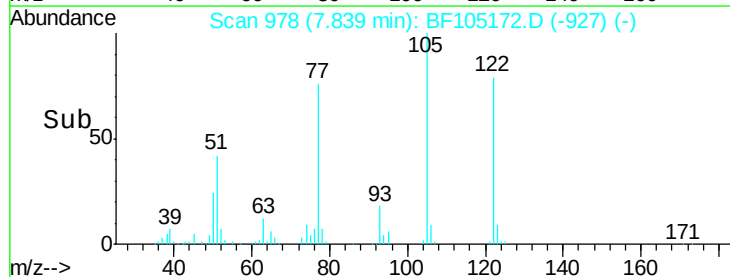
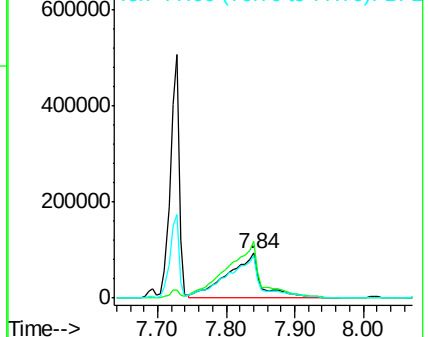
77 95.7 70.7 110.7

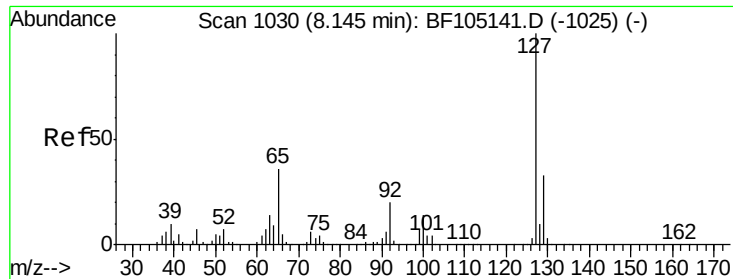


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

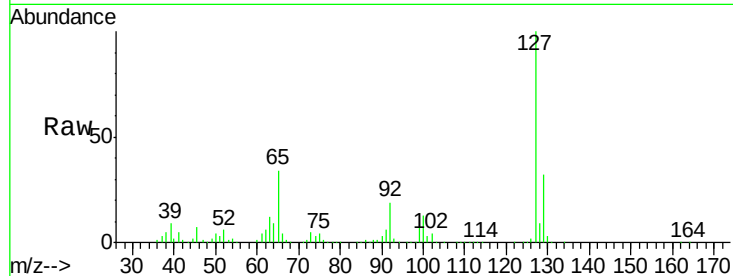




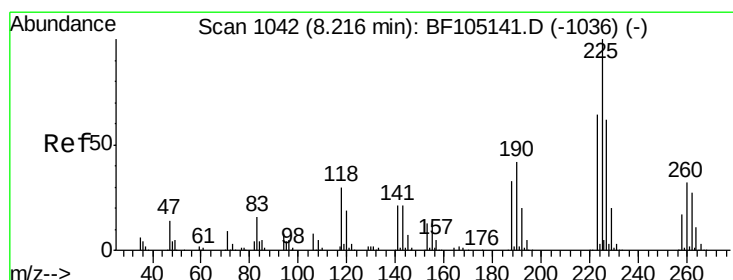
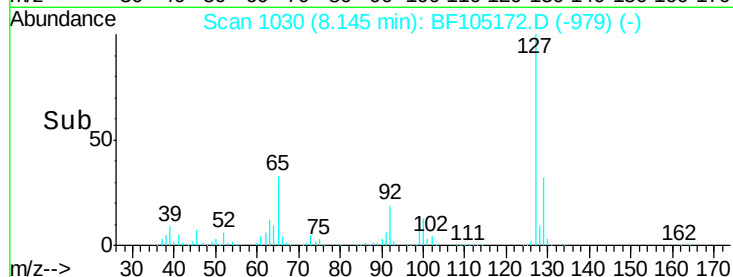
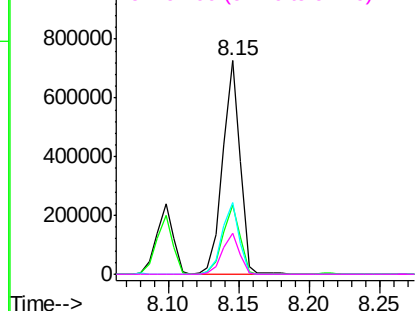
#33
4-Chloroaniline
Concen: 35.843 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	618622
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.6	25.0	37.4
92	19.1	15.2	22.8

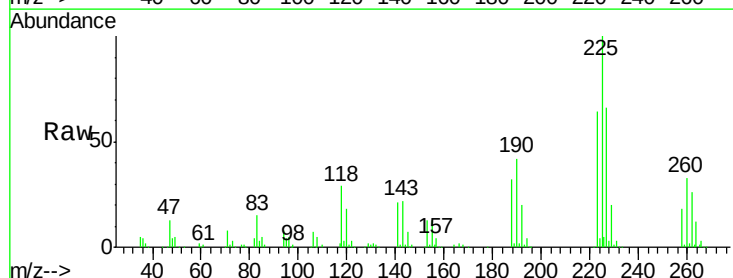


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

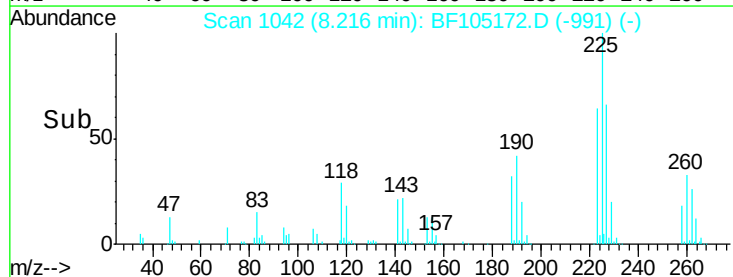
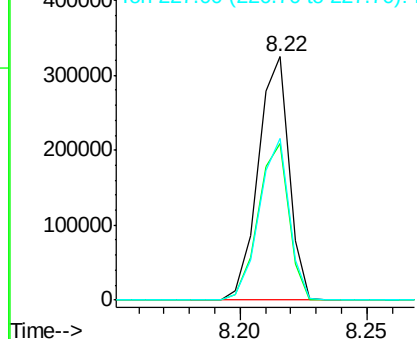


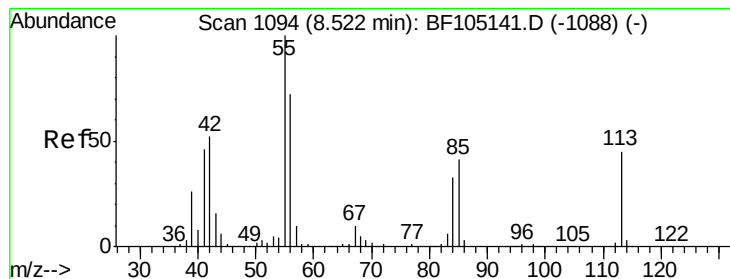
#34
Hexachlorobutadiene
Concen: 35.074 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:	225	Resp:	277124
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	66.4	51.9	77.9



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





#35

Caprolactam

Concen: 37.757 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

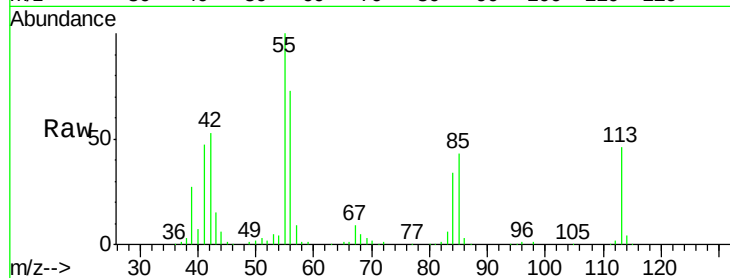
Tot Ion:113 Resp: 135603

Ion Ratio Lower Upper

113 100

55 218.5 163.3 203.3#

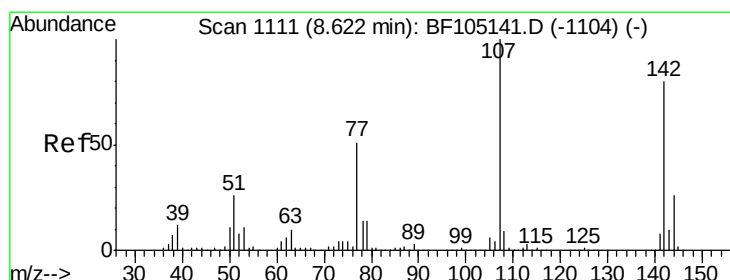
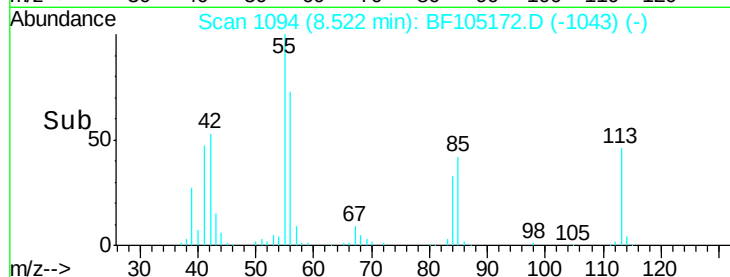
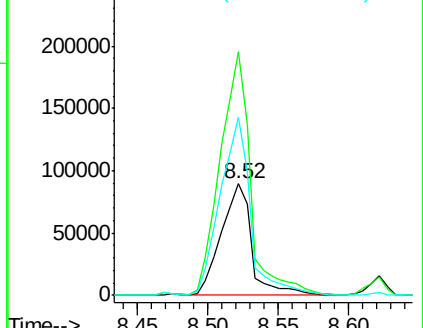
56 160.3 115.7 155.7#



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: 36.830 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

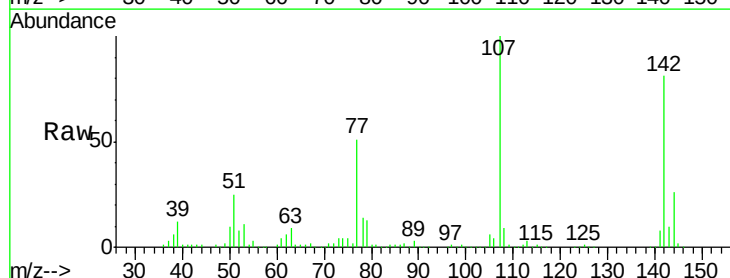
Tgt Ion:107 Resp: 453459

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

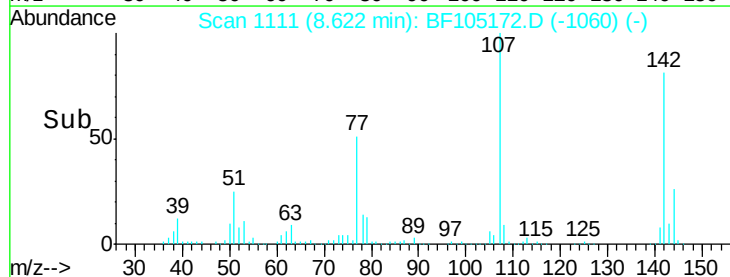
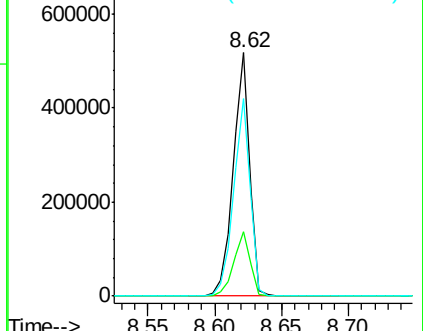
142 81.1 62.0 93.0

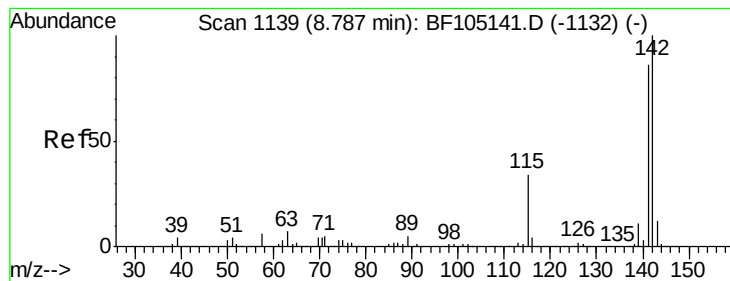


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.951 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

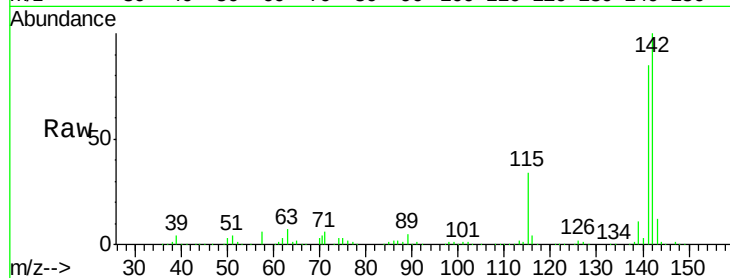
Tot Ion:142 Resp: 1011138

Ion Ratio Lower Upper

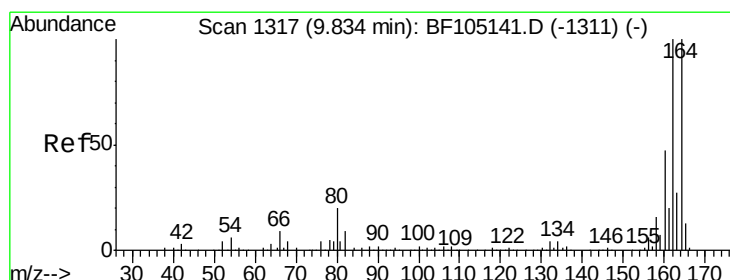
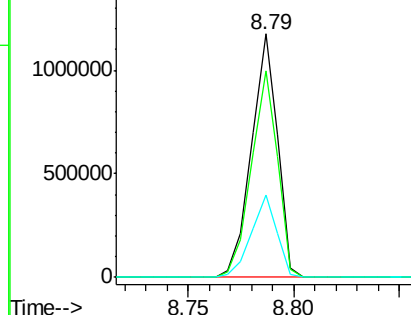
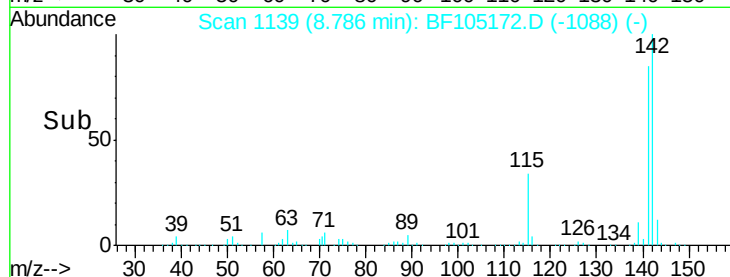
142 100

141 85.0 70.8 106.2

115 33.6 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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

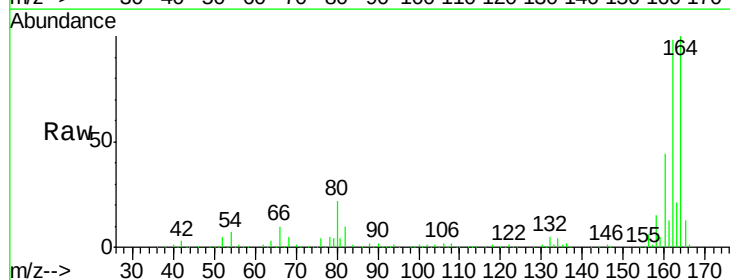
Tgt Ion:164 Resp: 423430

Ion Ratio Lower Upper

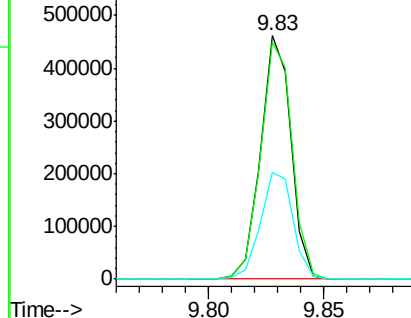
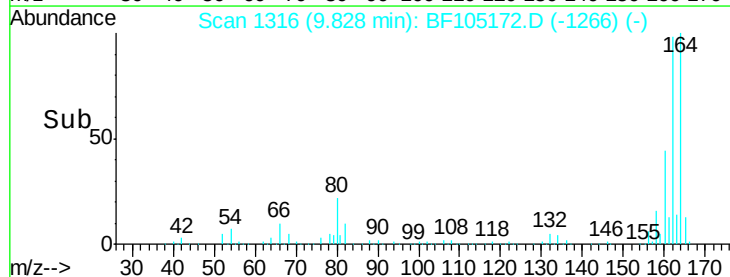
164 100

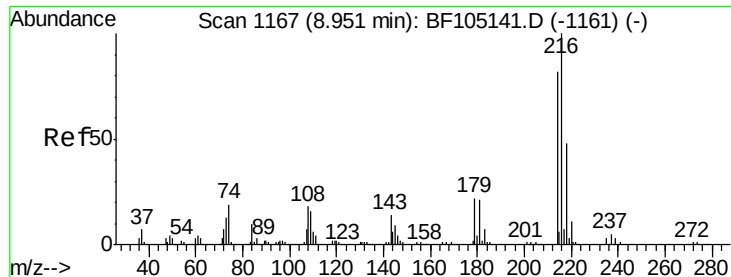
162 97.5 86.1 129.1

160 43.8 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: 35.620 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 479948

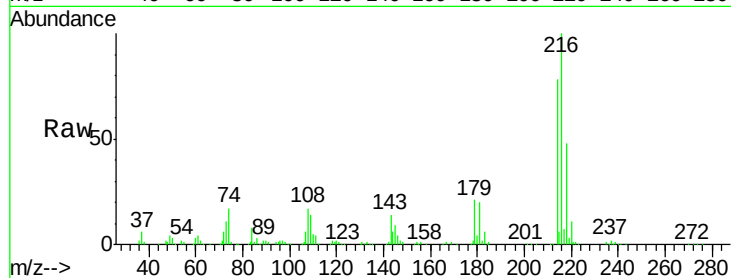
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.1 18.1 27.1

108 18.5 17.2 25.8

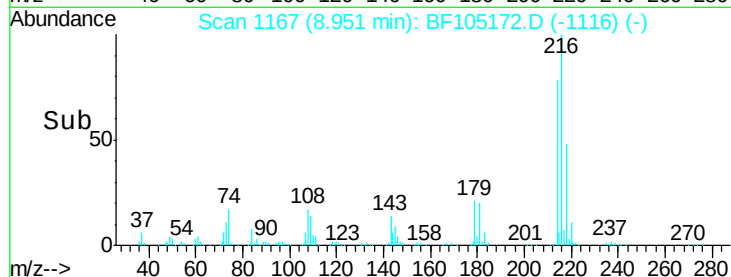


Abundance Ion 216.00 (215.70 to 216.70): E

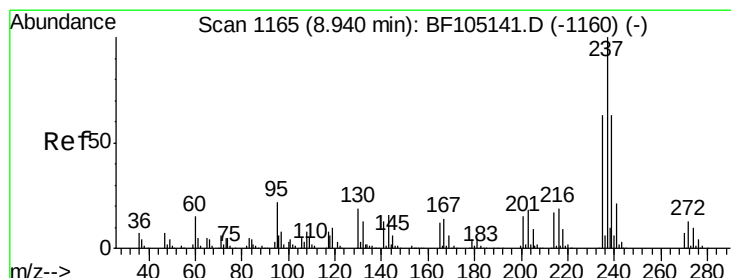
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.287 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

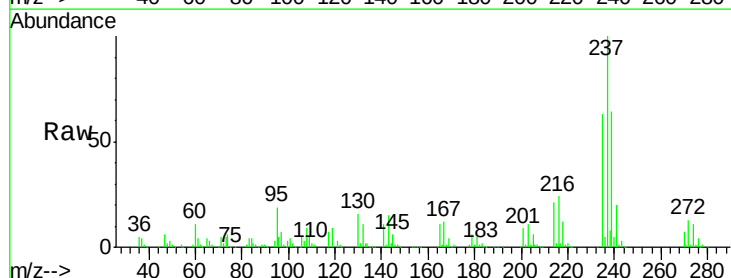
Tgt Ion:237 Resp: 308099

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

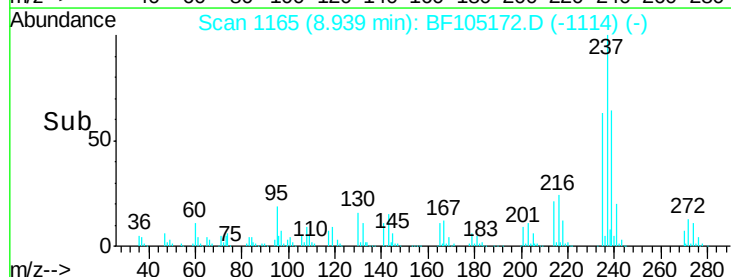
272 13.2 0.0 33.3



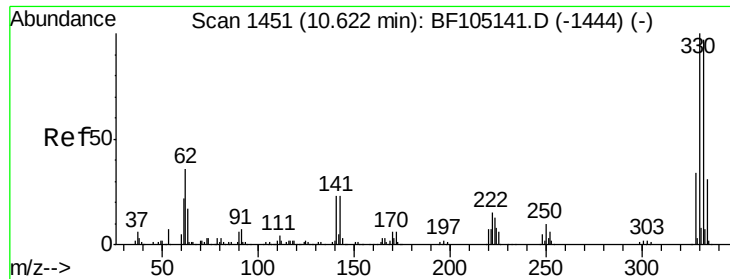
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



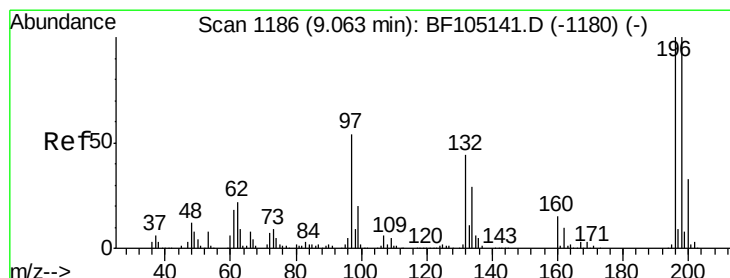
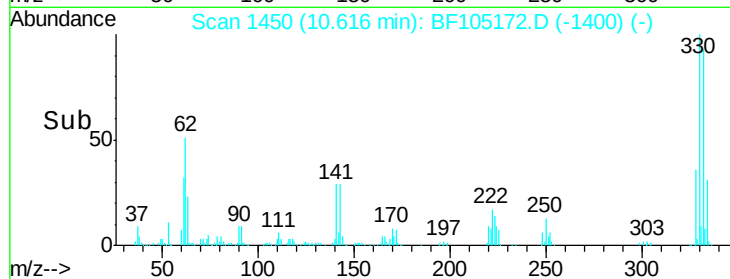
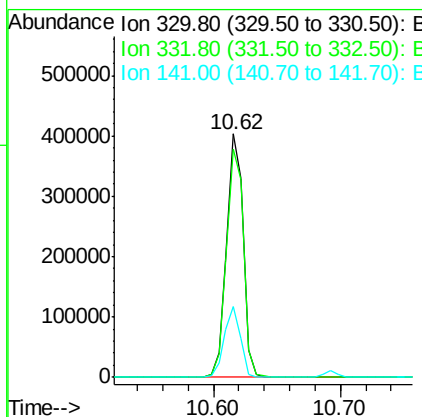
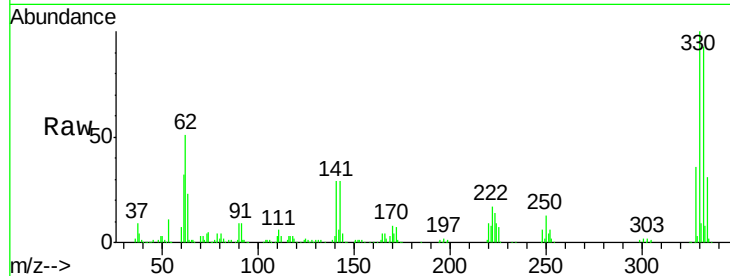
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 78.201 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

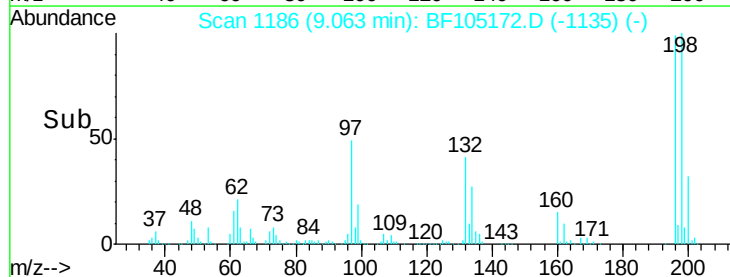
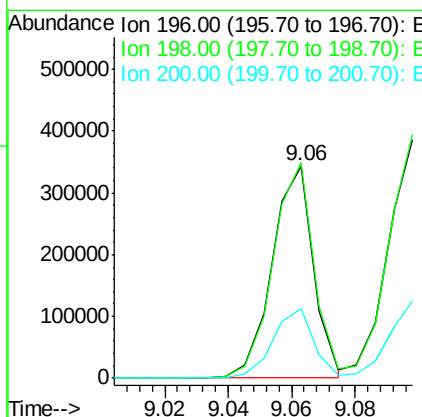
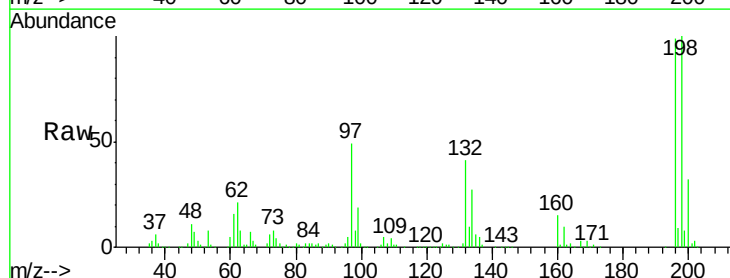
Instrument :
 BNA_F
 ClientSampleId :

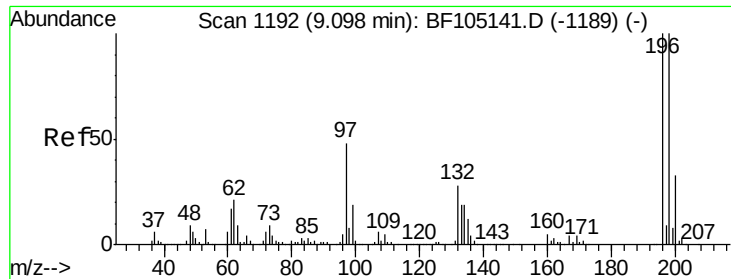
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.4	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.827 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.7	113.5
200	32.8	24.5	36.7

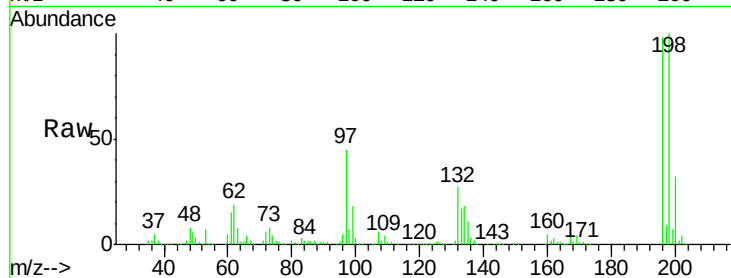




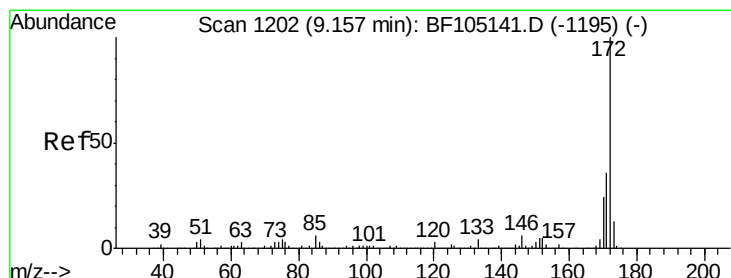
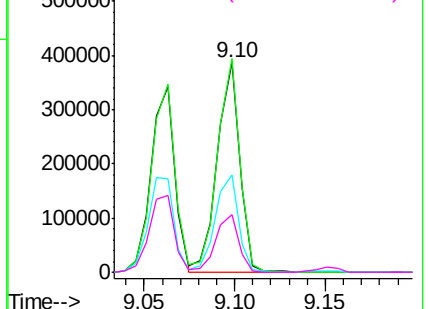
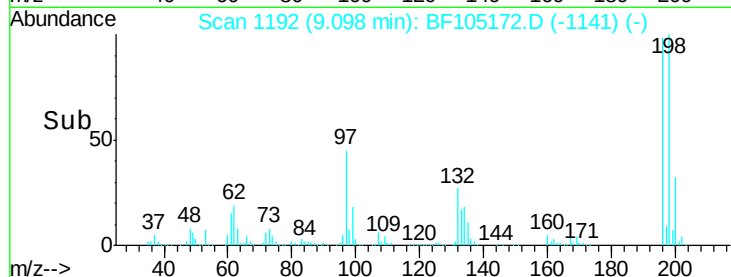
#43
 2,4,5-Trichlorophenol
 Concen: 38.805 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 333333
 Ion Ratio Lower Upper
 196 100
 198 102.0 74.6 112.0
 97 46.2 42.9 64.3
 132 27.7 26.3 39.5

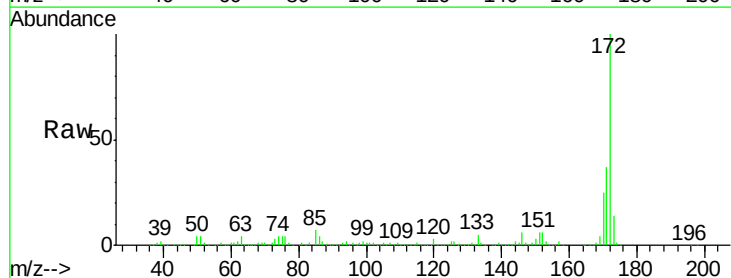


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

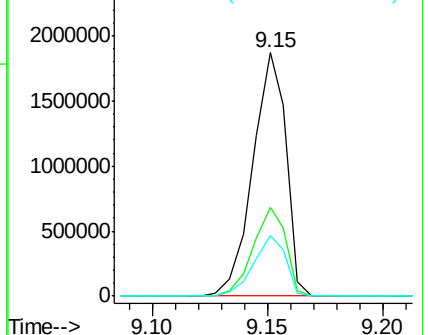
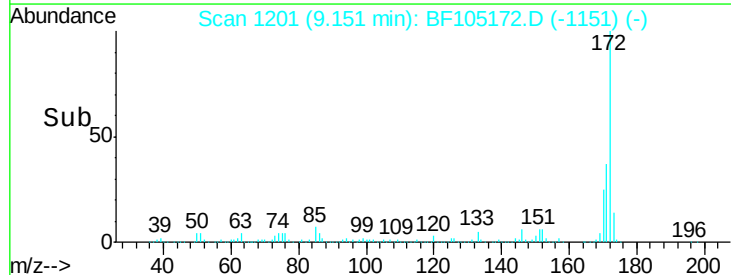


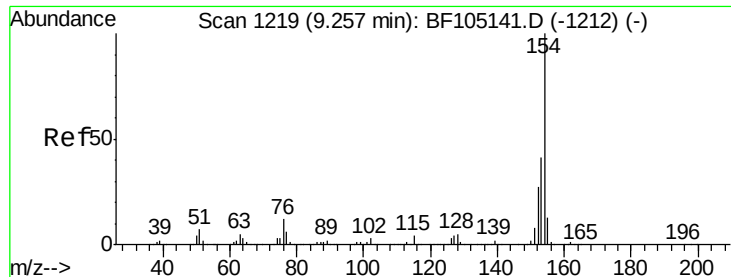
#44
 2-Fluorobiphenyl
 Concen: 68.728 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion:172 Resp: 1874980
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

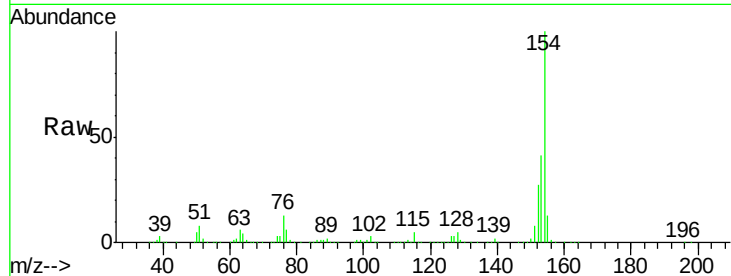




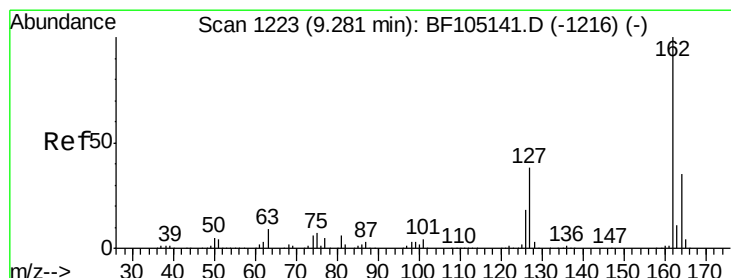
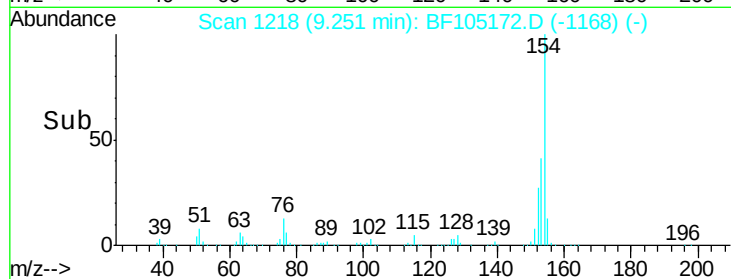
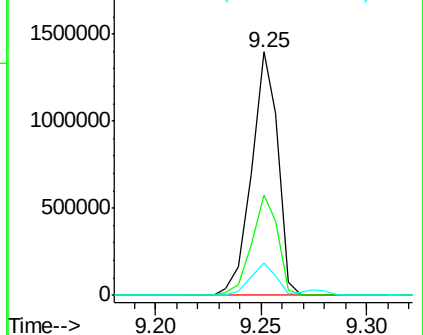
#45
 1,1'-Biphenyl
 Concen: 34.980 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1206793
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.3 0.0 34.0

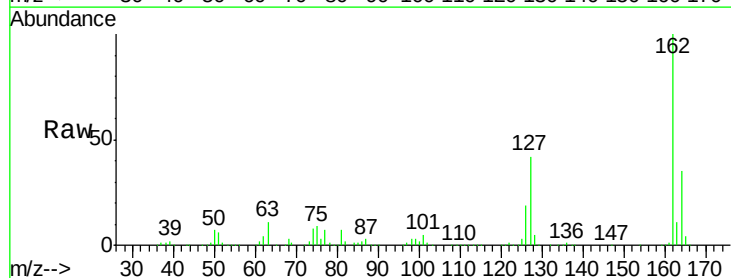


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

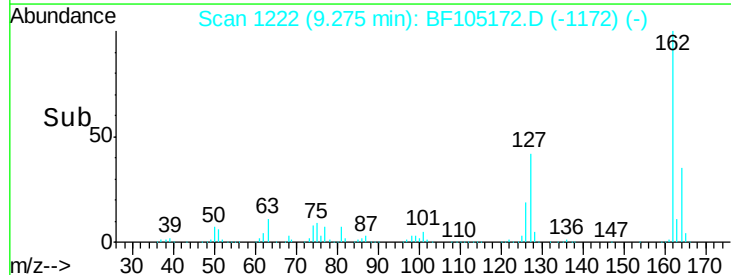
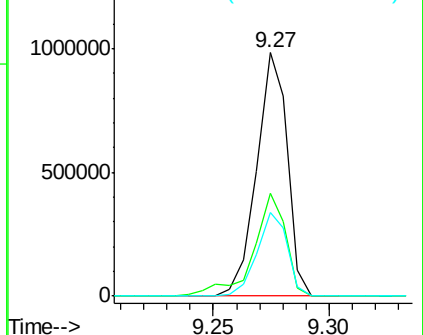


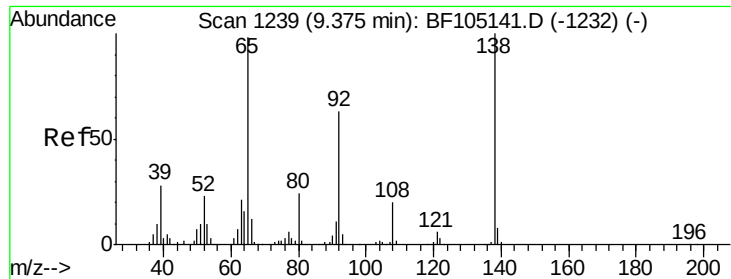
#46
 2-Chloronaphthalene
 Concen: 35.286 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion:162 Resp: 909842
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 34.5 26.5 39.7



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





#47

2-Nitroaniline

Concen: 41.468 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

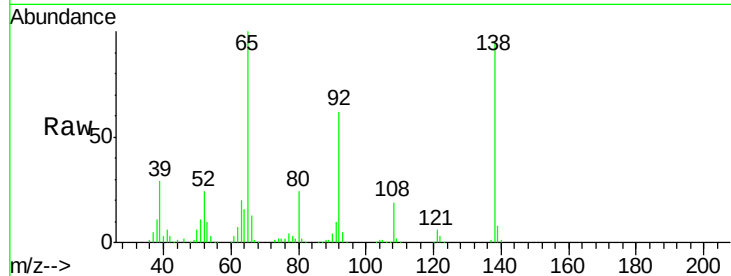
Tot Ion: 65 Resp: 301305

Ion Ratio Lower Upper

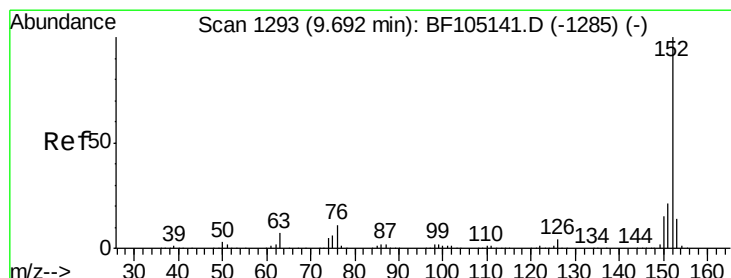
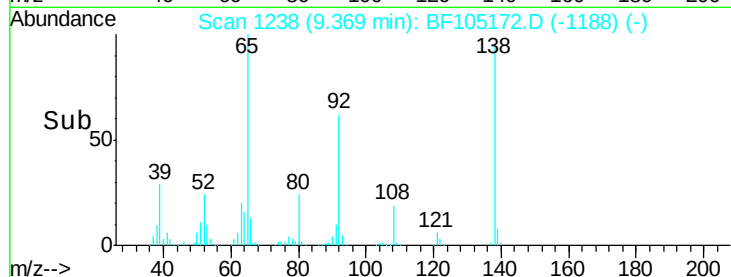
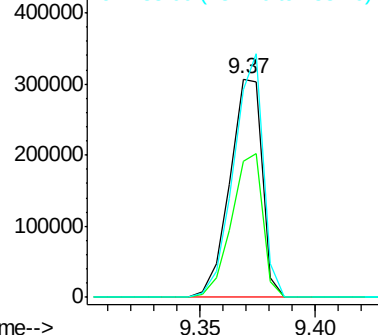
65 100

92 62.3 55.8 83.6

138 95.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 35.620 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

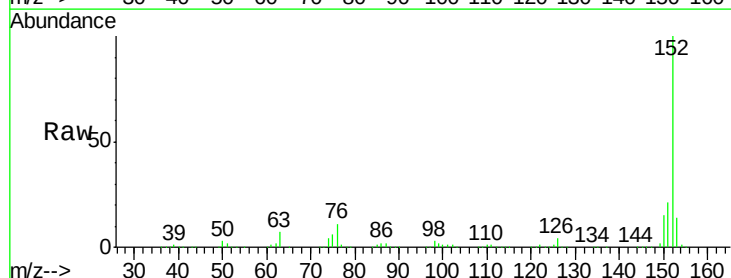
Tgt Ion: 152 Resp: 1418518

Ion Ratio Lower Upper

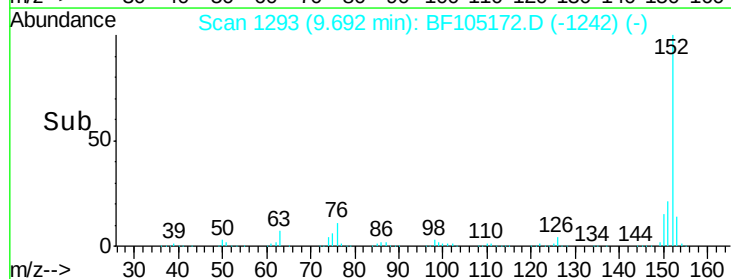
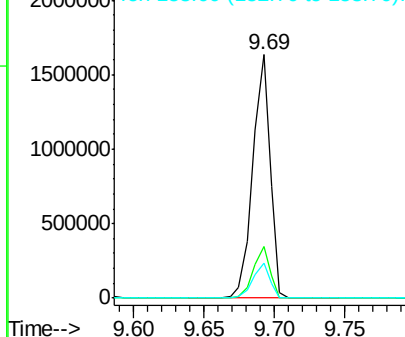
152 100

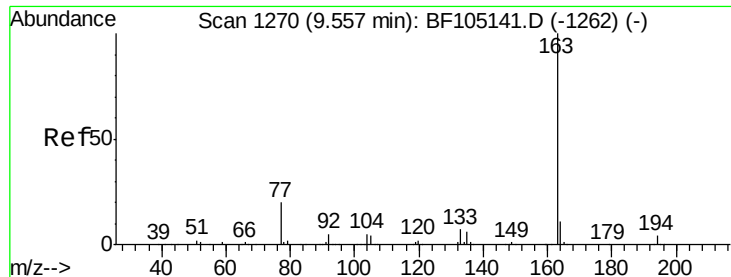
151 21.3 16.3 24.5

153 14.4 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

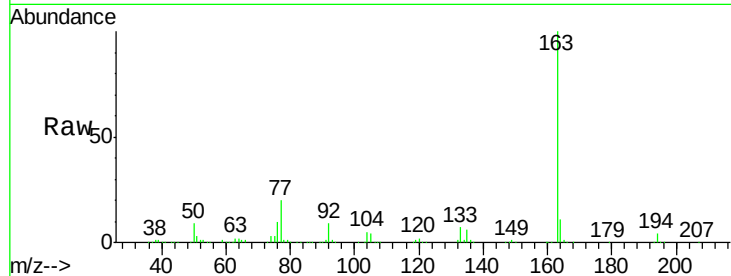




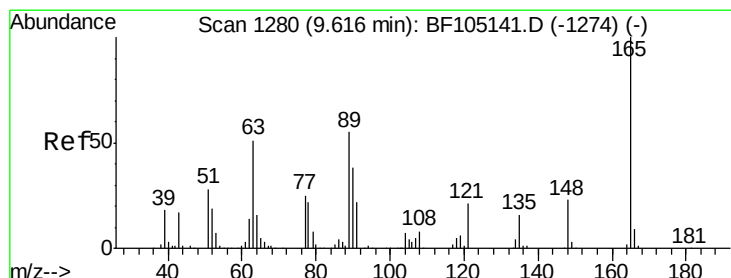
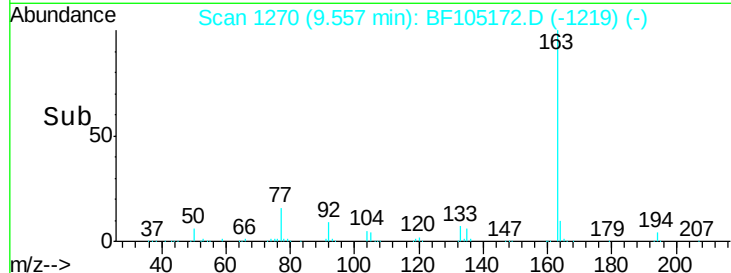
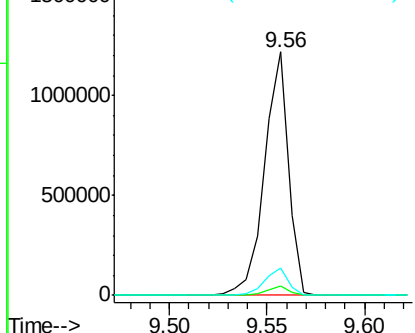
#49
Dimethylphthalate
Concen: 36.174 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1036933
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2

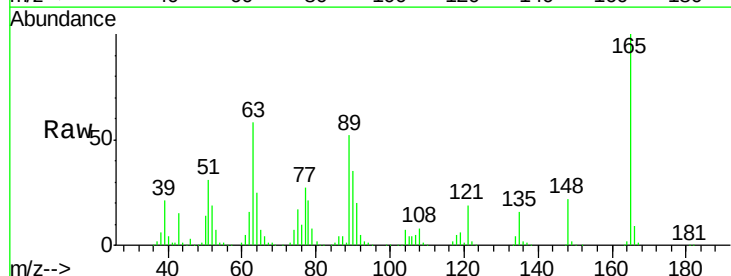


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

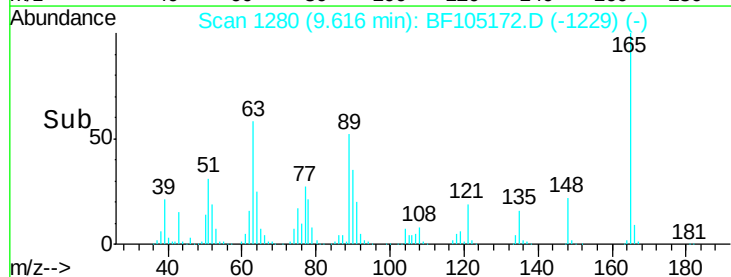
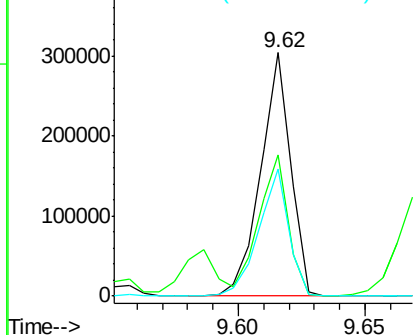


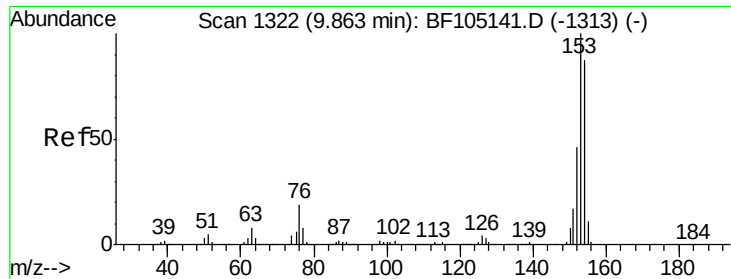
#50
2,6-Dinitrotoluene
Concen: 40.181 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:165 Resp: 249924
Ion Ratio Lower Upper
165 100
63 58.0 44.7 67.1
89 52.2 44.0 66.0



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





#51

Acenaphthene

Concen: 36.139 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

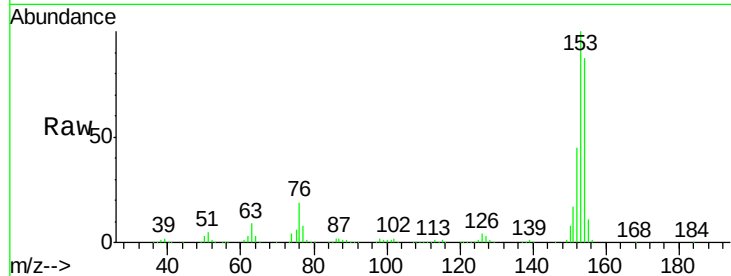
Tot Ion:154 Resp: 927533

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

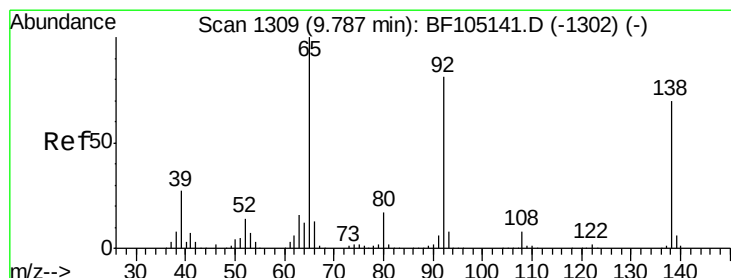
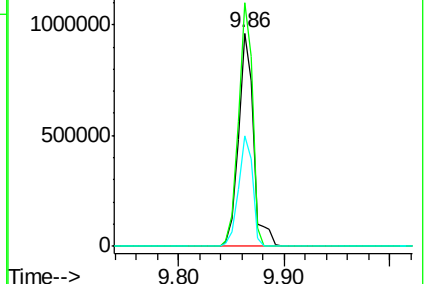
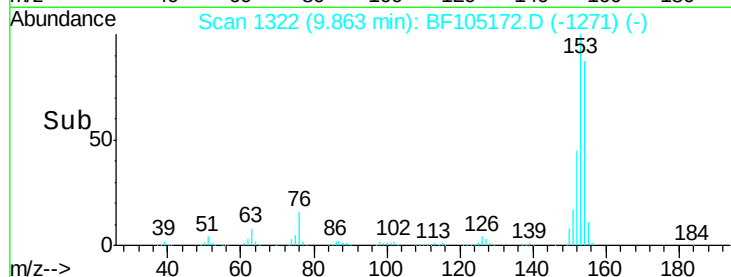
152 52.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.574 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

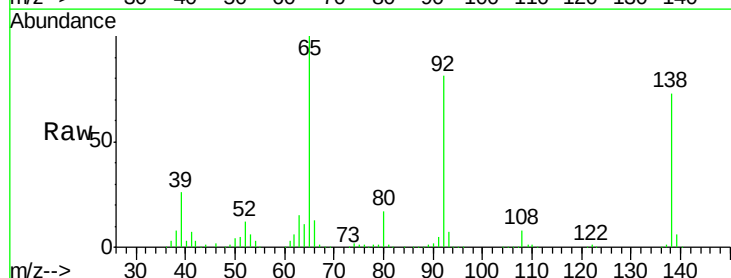
Tgt Ion:138 Resp: 265821

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

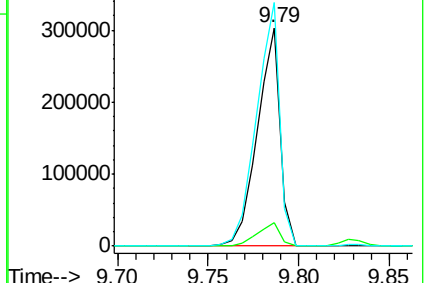
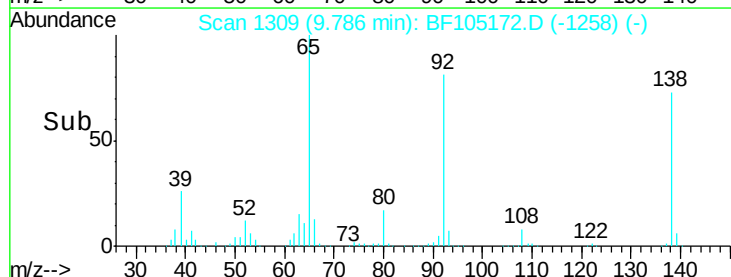
92 111.4 89.4 134.2

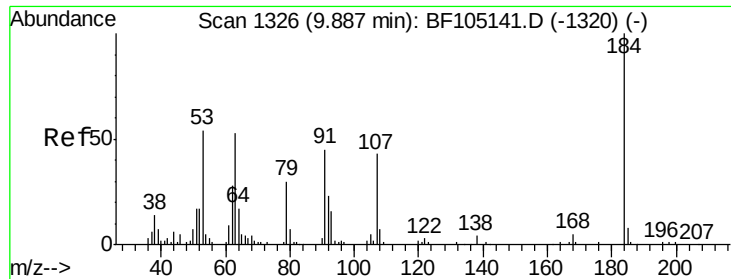


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

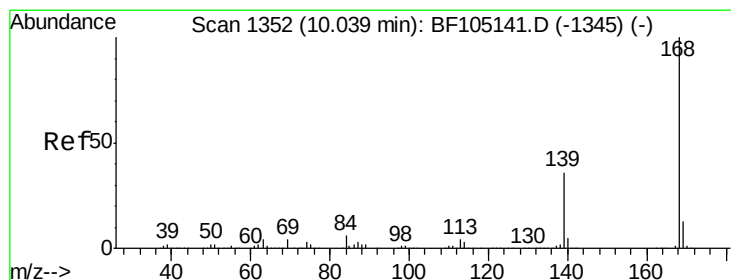
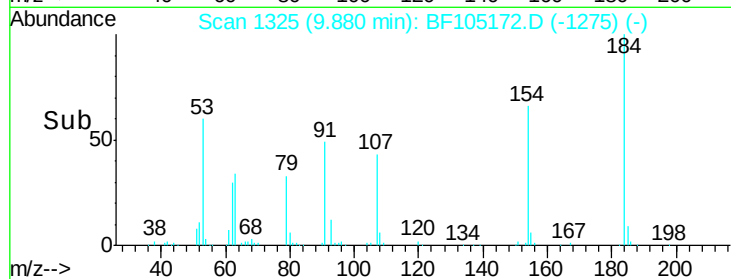
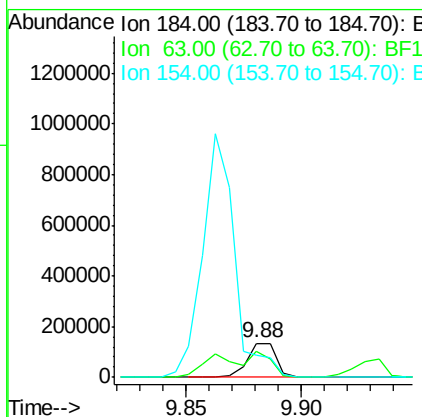
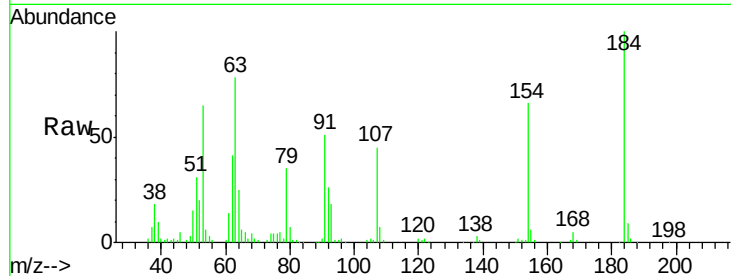




#53
2,4-Dinitrophenol
Concen: 54.340 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

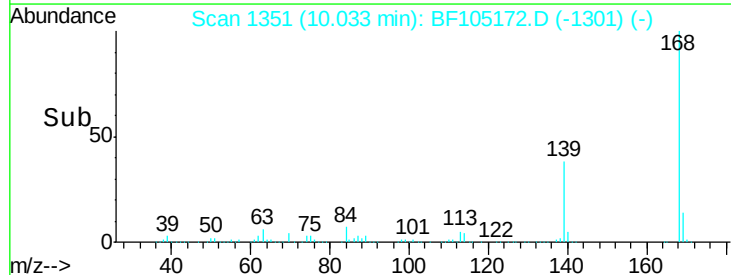
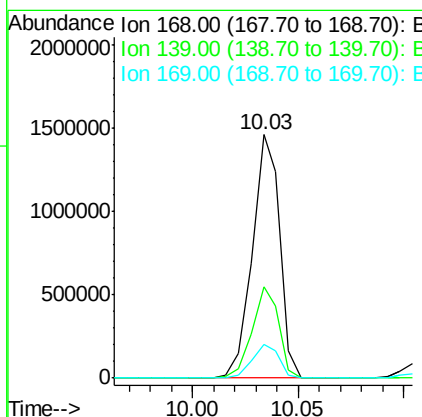
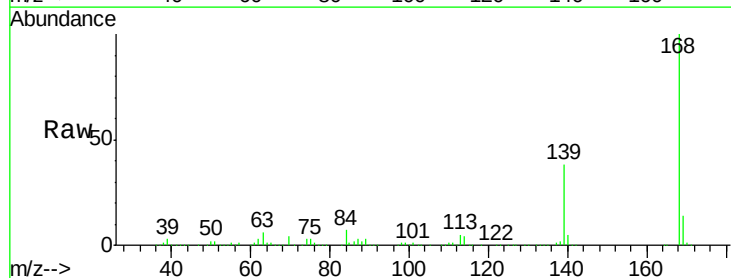
Instrument :
BNA_F
ClientSampleId :

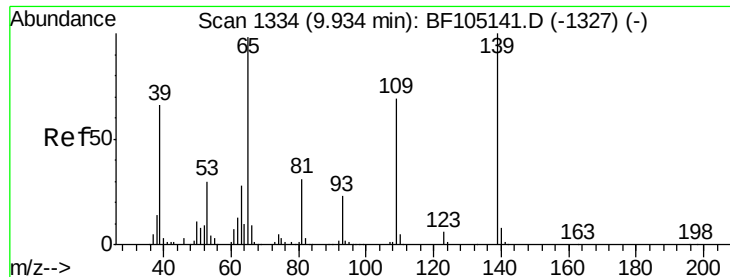
Tot Ion:184 Resp: 118331
Ion Ratio Lower Upper
184 100
63 77.6 54.2 81.2
154 65.9 184.0 276.0#



#54
Dibenzofuran
Concen: 35.030 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:168 Resp: 1315109
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.1 10.9 16.3

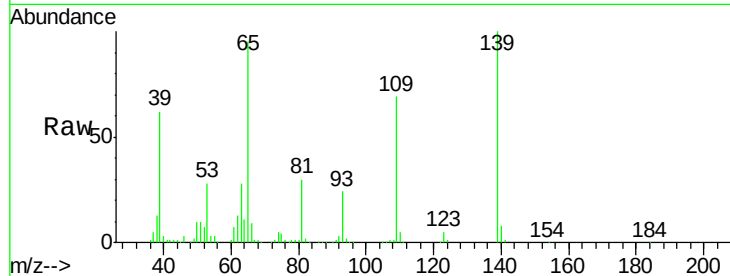




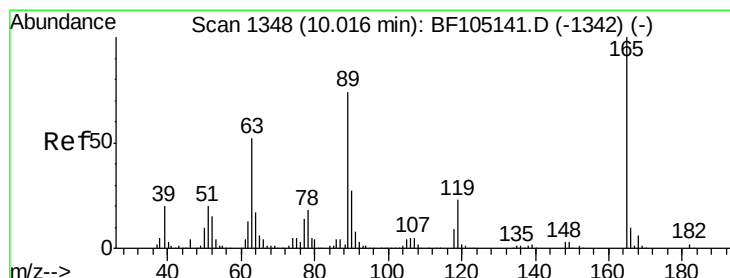
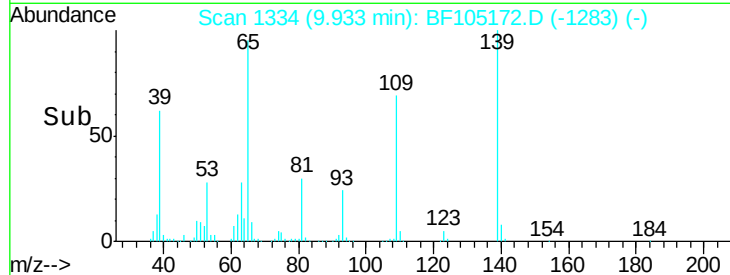
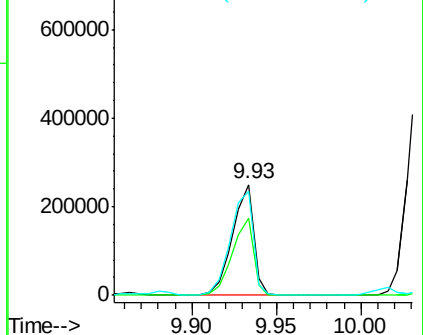
#55
4-Nitrophenol
Concen: 39.536 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.3	48.4	88.4
65	94.5	72.6	112.6

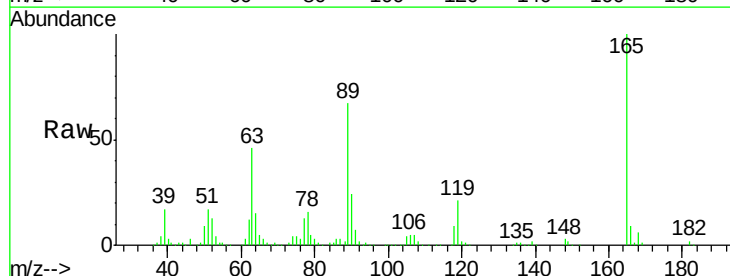


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

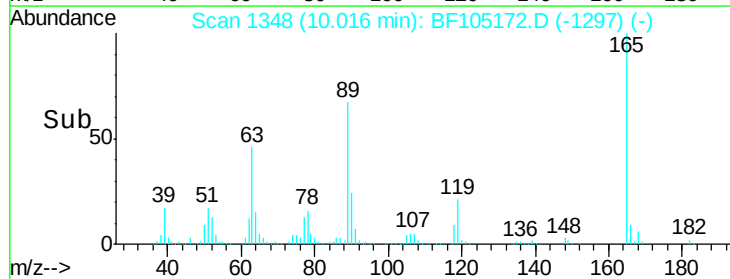
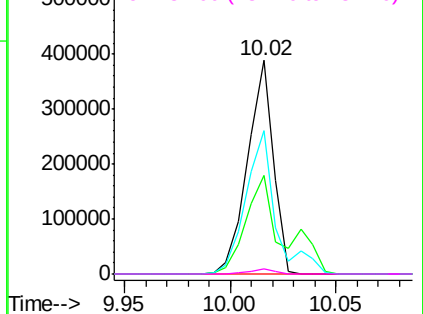


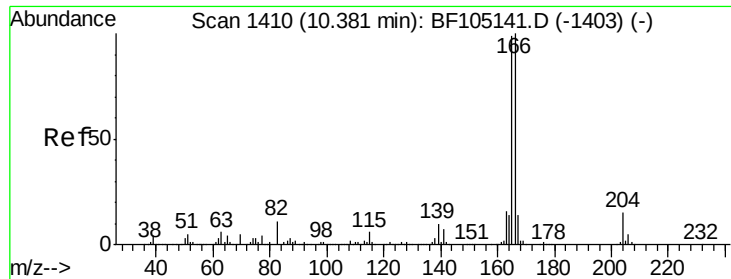
#56
2,4-Dinitrotoluene
Concen: 40.523 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	67.4	57.8	86.6
182	2.3	1.6	2.4



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





#57

Fluorene

Concen: 34.128 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

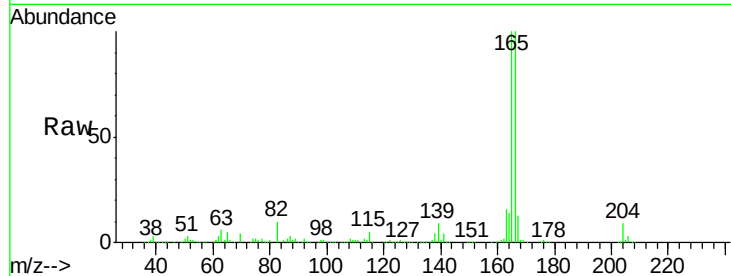
Tot Ion:166 Resp: 939642

Ion Ratio Lower Upper

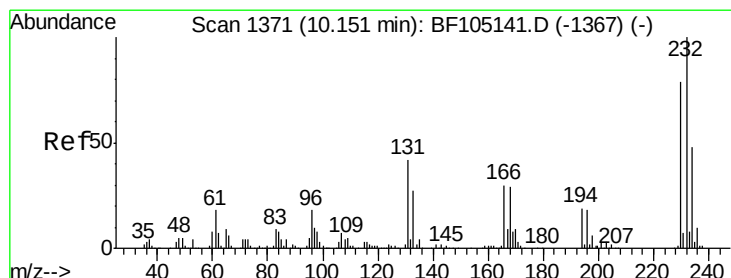
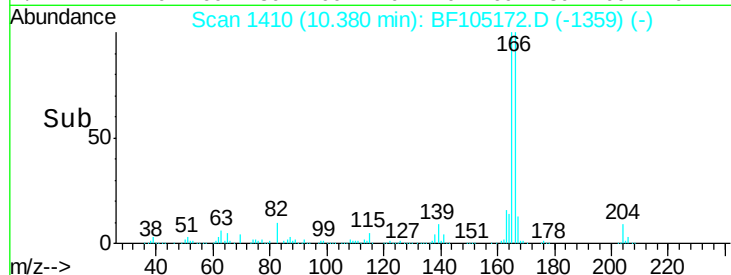
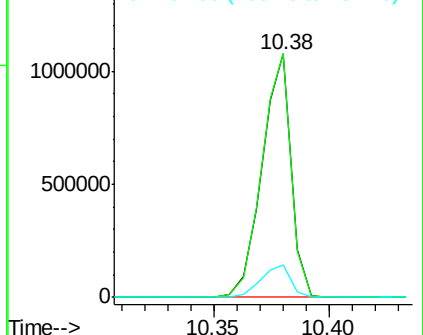
166 100

165 100.1 79.8 119.8

167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.738 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Tgt Ion:232 Resp: 289352

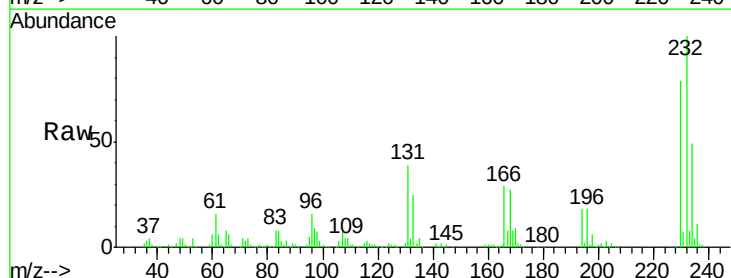
Ion Ratio Lower Upper

232 100

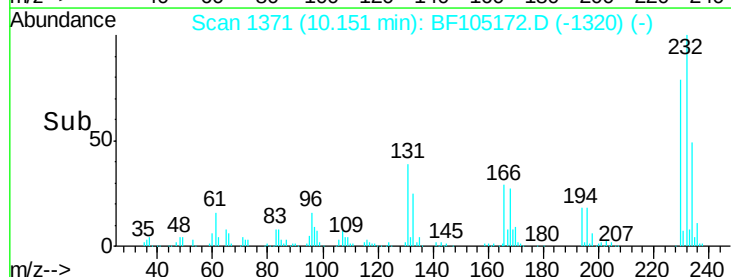
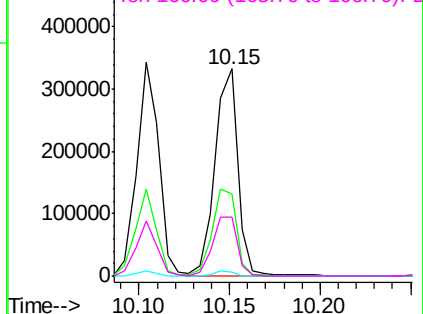
131 44.4 43.8 65.8

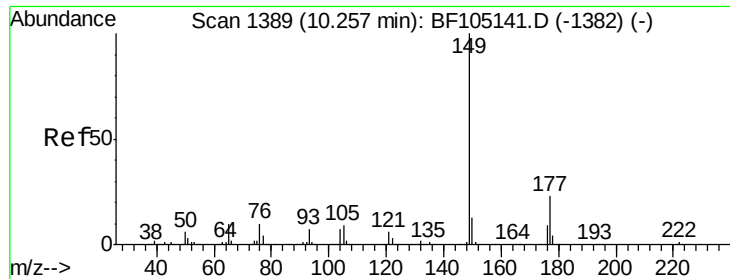
130 2.1 2.1 3.1

166 31.2 27.8 41.6



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





#59

Diethylphthalate

Concen: 37.340 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

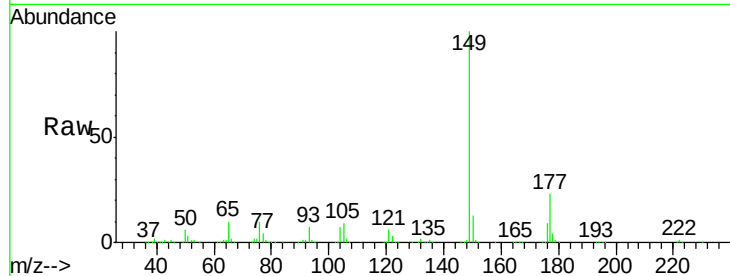
Tot Ion:149 Resp: 1051936

Ion Ratio Lower Upper

149 100

177 23.3 16.1 24.1

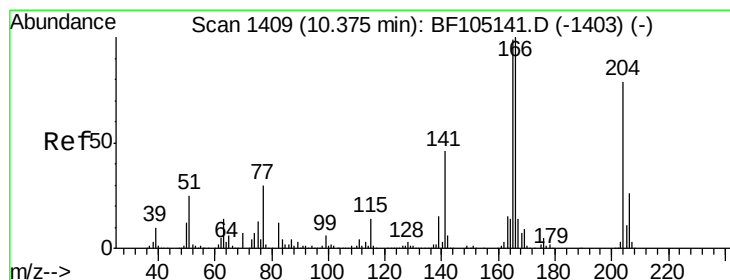
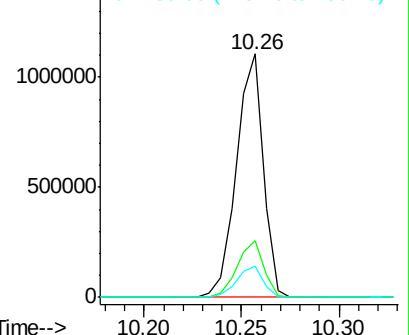
150 12.9 10.1 15.1



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: 35.600 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

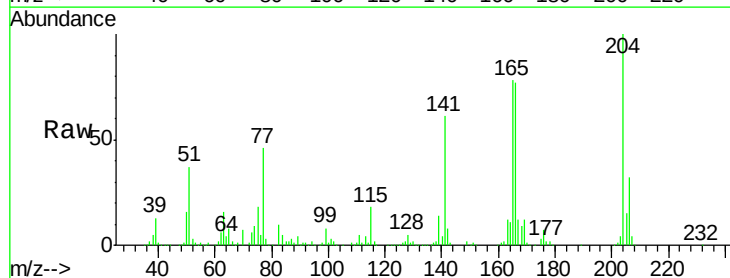
Tgt Ion:204 Resp: 456282

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

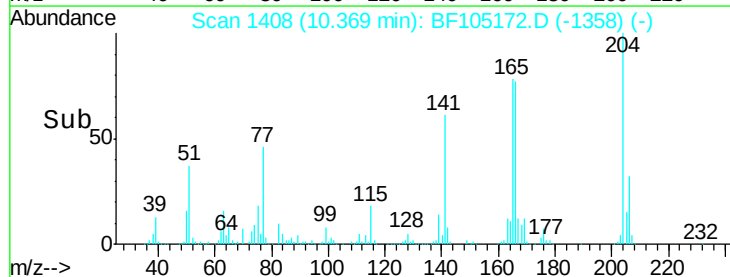
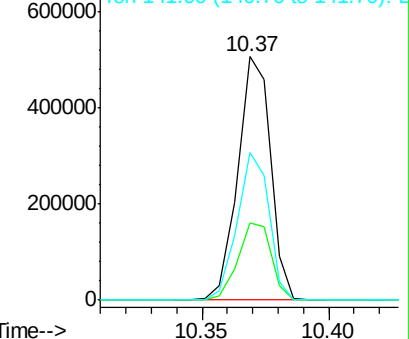
141 60.8 54.6 81.8

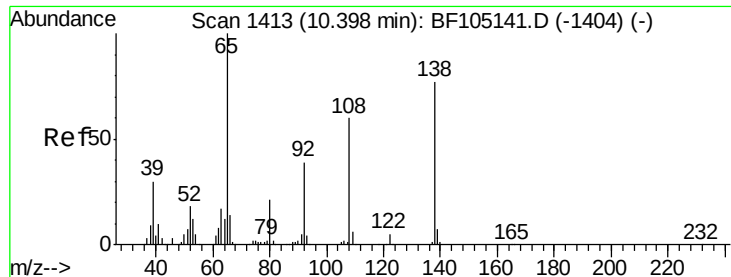


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

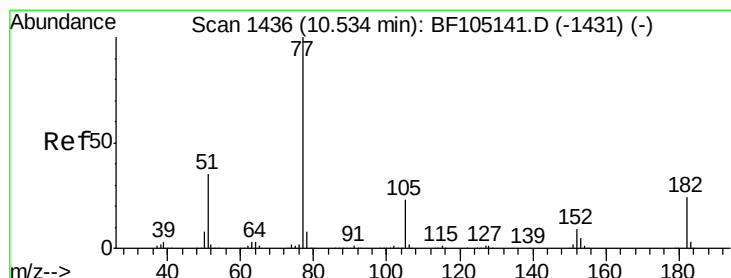
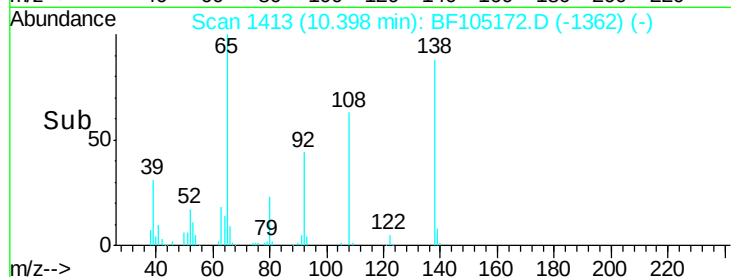
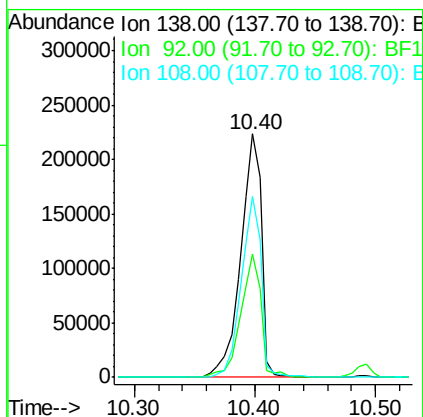
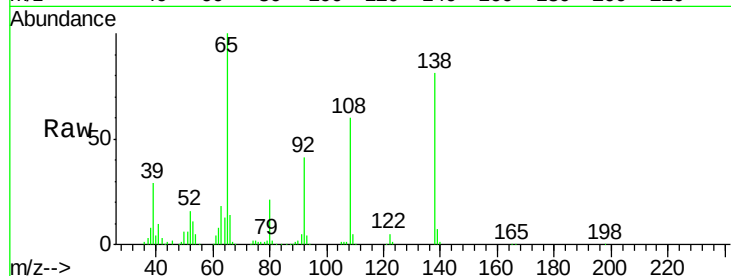




#61
4-Nitroaniline
Concen: 41.091 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

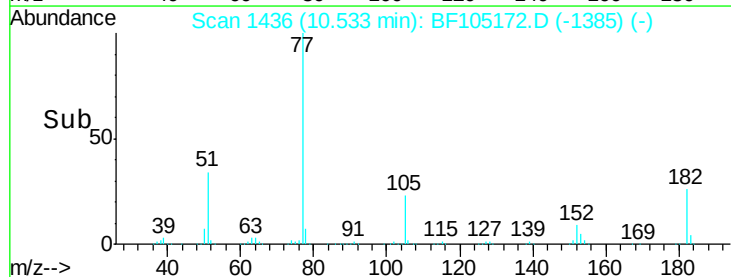
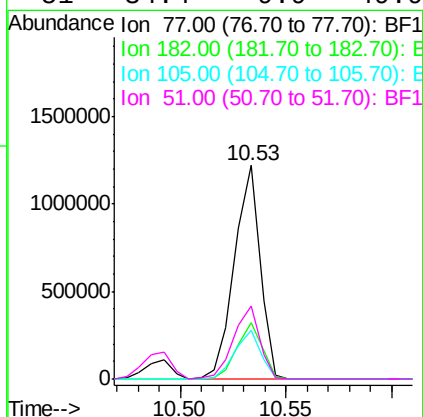
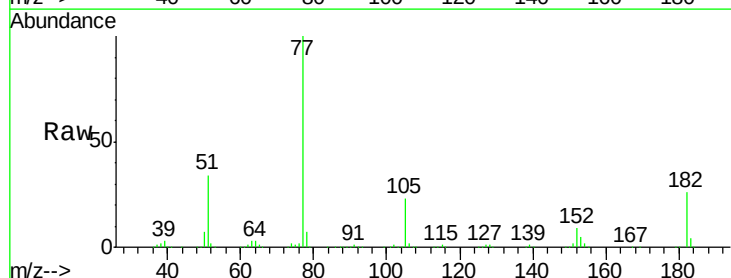
Instrument :
BNA_F
ClientSampleId :

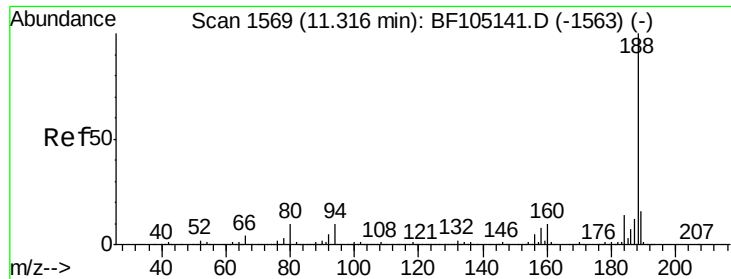
Tot Ion:138 Resp: 267883
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 74.5 52.5 92.5



#62
Azobenzene
Concen: 34.910 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion: 77 Resp: 1025928
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 22.9 3.0 43.0
51 34.4 9.9 49.9

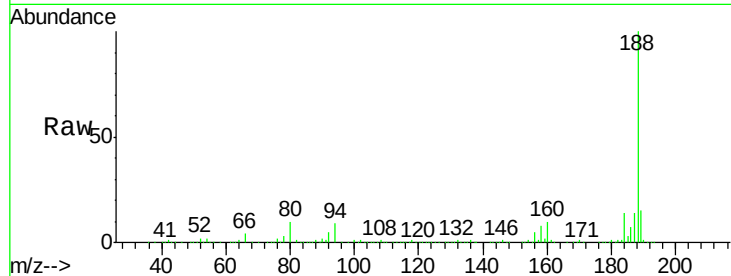




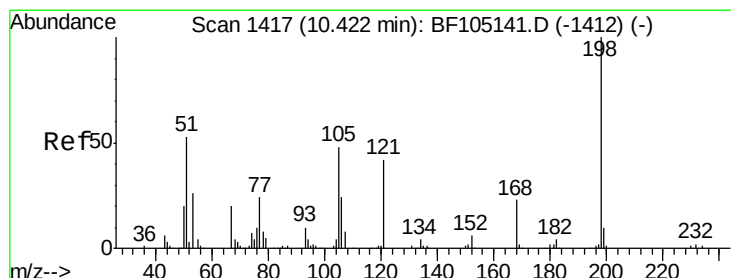
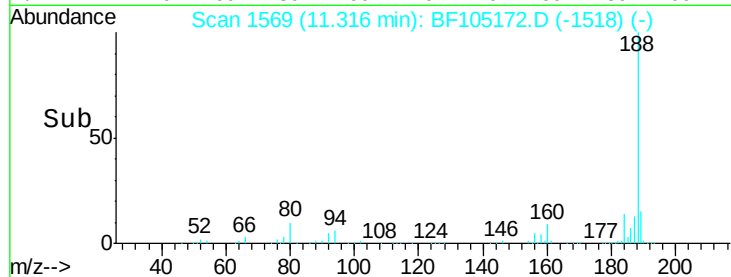
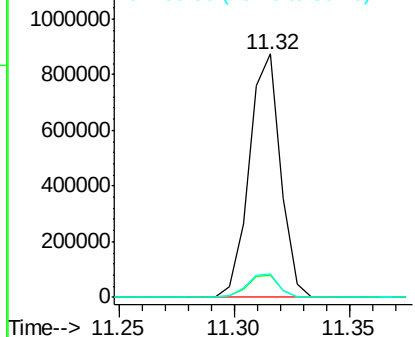
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 827088
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.9 9.2 13.8

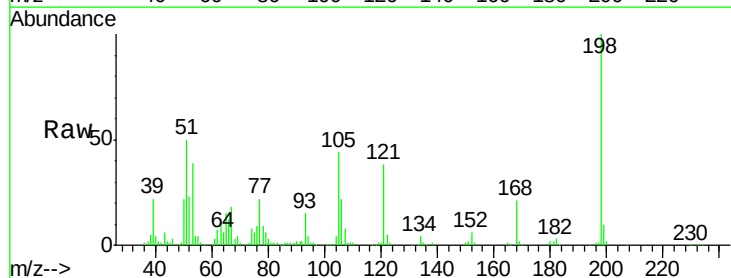


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

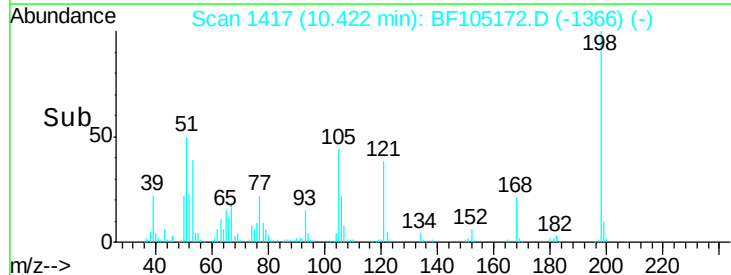
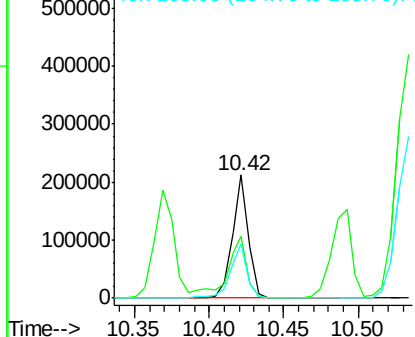


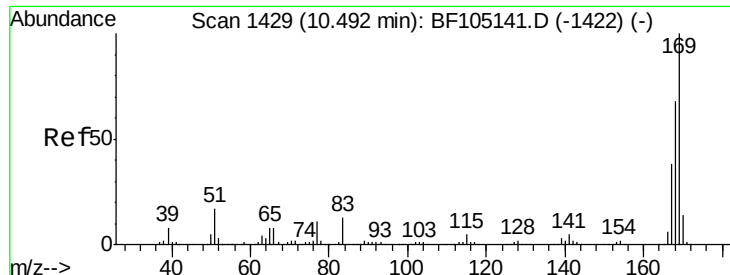
#64
4,6-Dinitro-2-methylphenol
Concen: 50.195 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:198 Resp: 159804
Ion Ratio Lower Upper
198 100
51 50.2 37.7 77.7
105 44.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

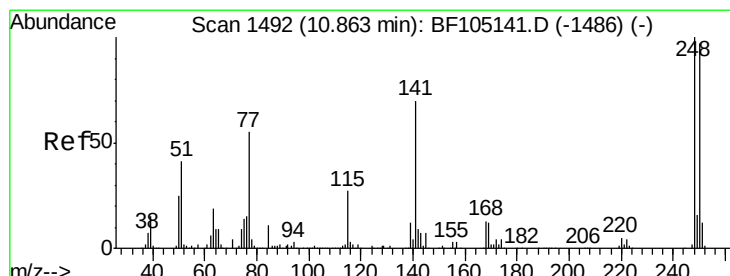
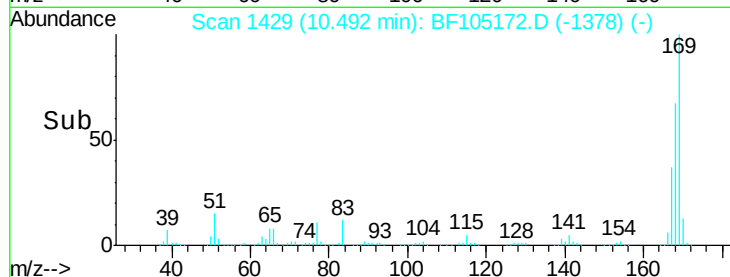
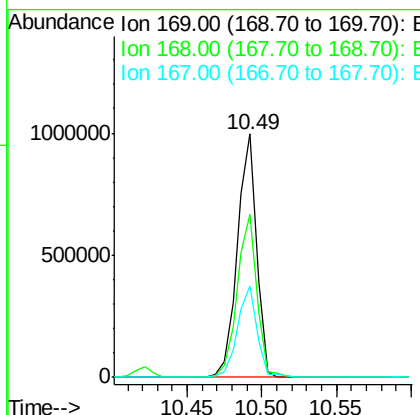
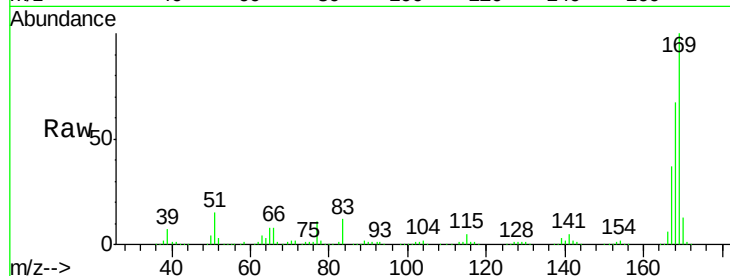




#65
 n-Nitrosodiphenylamine
 Concen: 34.949 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

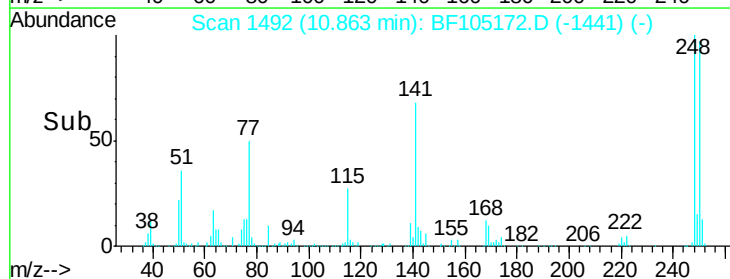
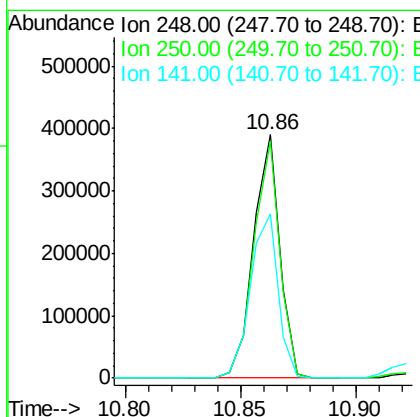
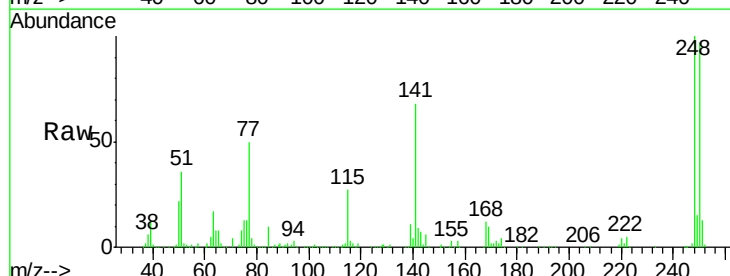
Instrument :
 BNA_F
 ClientSampleID :

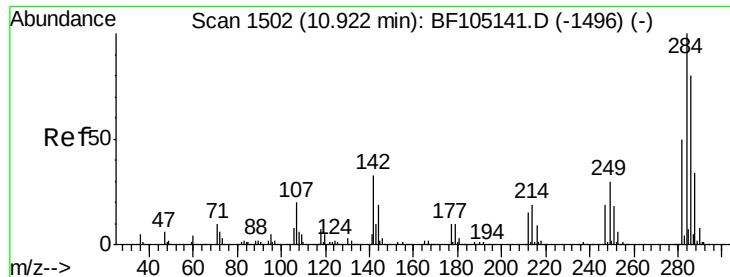
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.296 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	67.6	74.4	111.6#

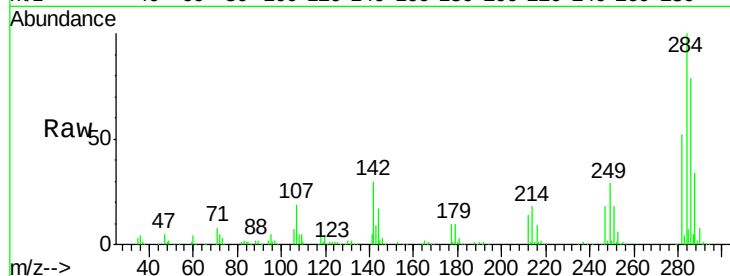




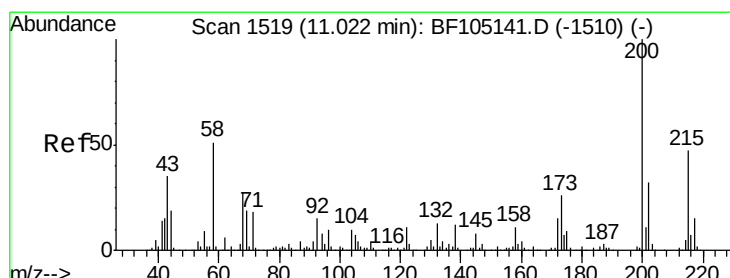
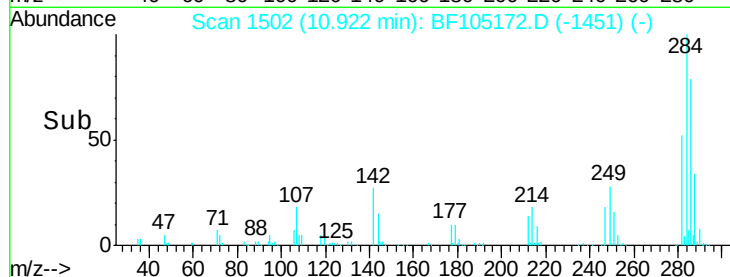
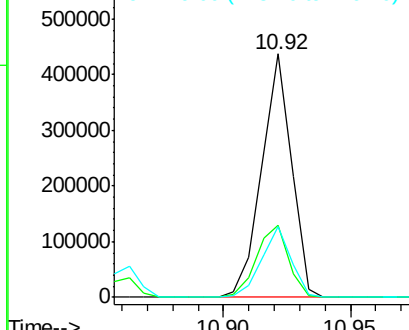
#67
Hexachlorobenzene
Concen: 35.257 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.8	34.6	52.0#
249	28.9	24.8	37.2

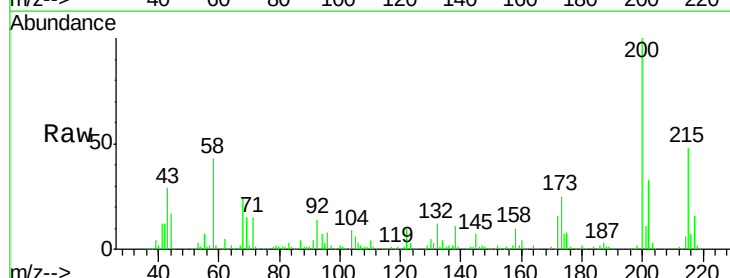


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

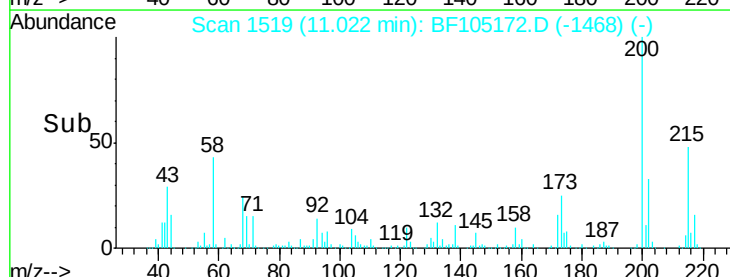
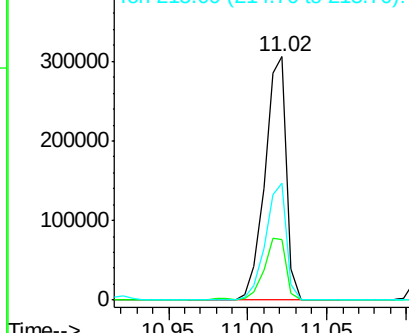


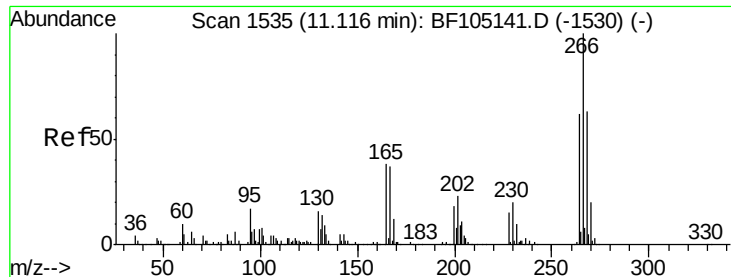
#68
Atrazine
Concen: 35.993 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	8.6	48.6
215	48.2	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

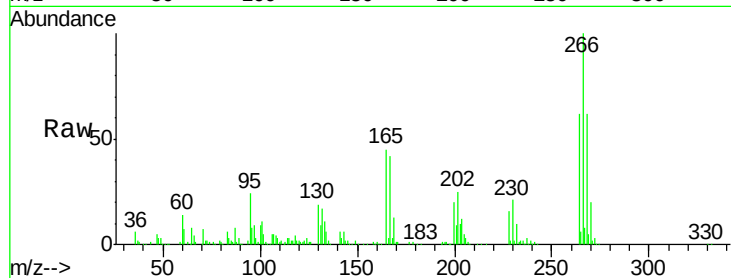




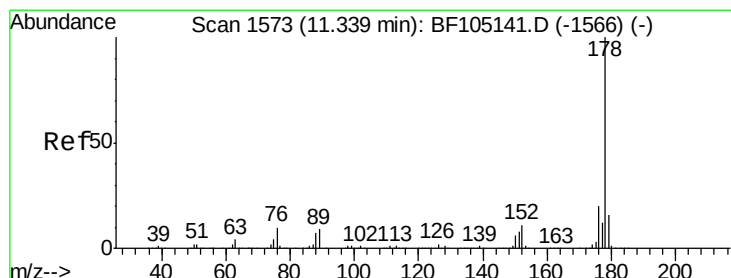
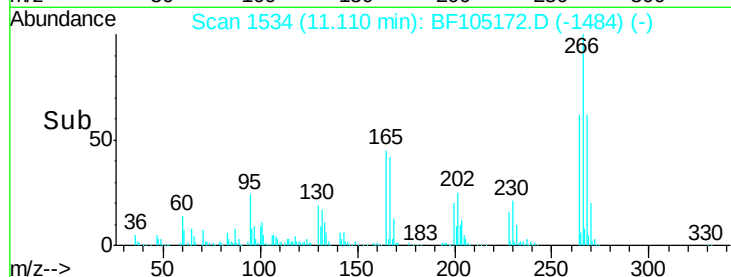
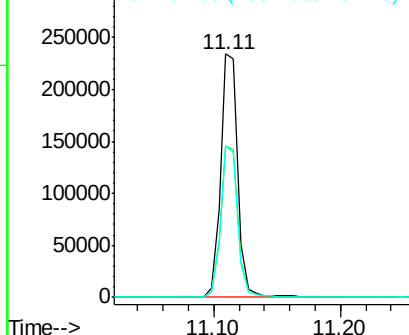
#69
 Pentachlorophenol
 Concen: 38.840 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 222692
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 62.4 49.5 74.3

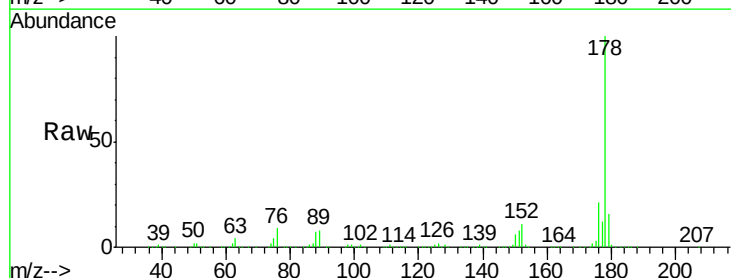


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

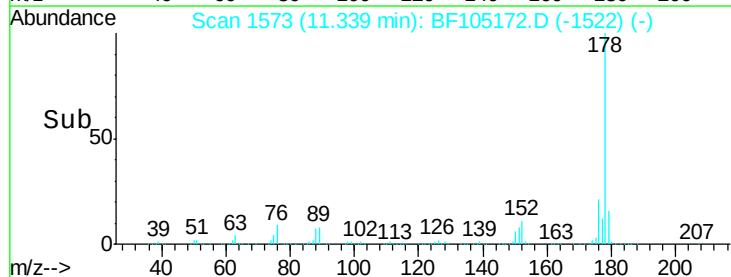
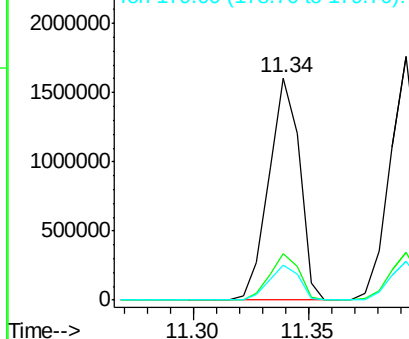


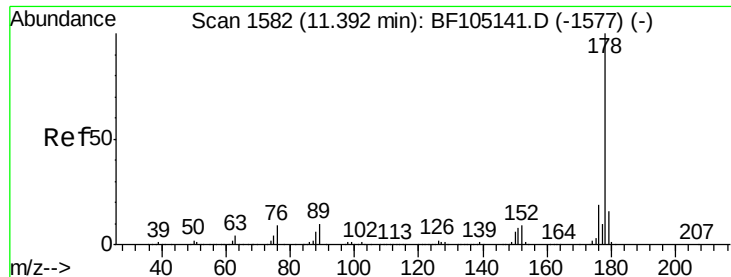
#70
 Phenanthrene
 Concen: 33.994 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion:178 Resp: 1482323
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.0 13.0 19.6



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

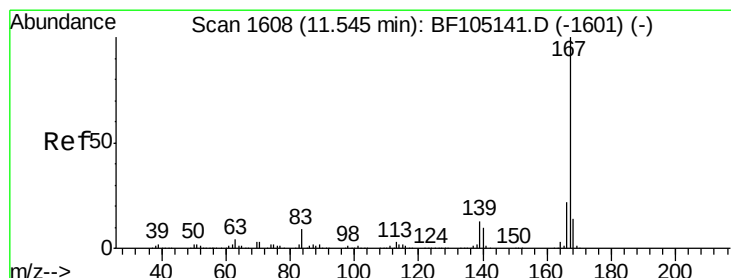
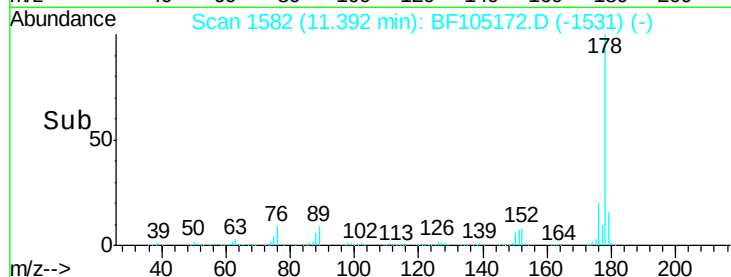
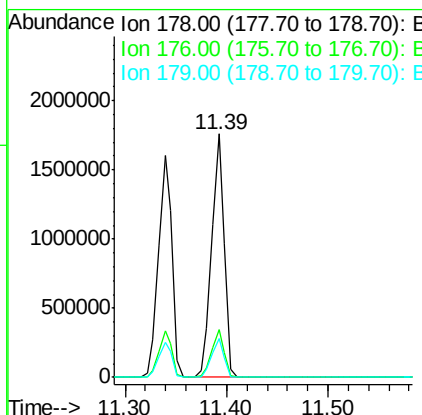
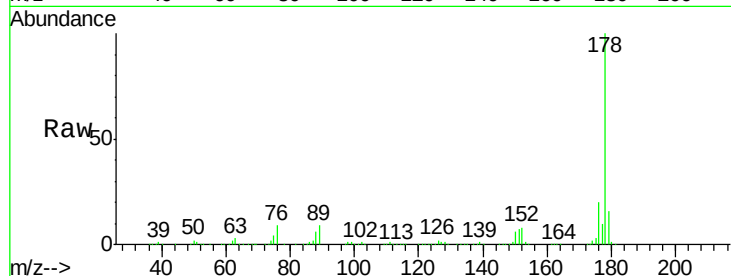




#71
 Anthracene
 Concen: 34.344 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

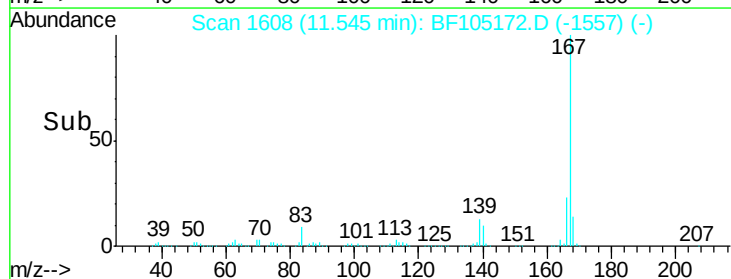
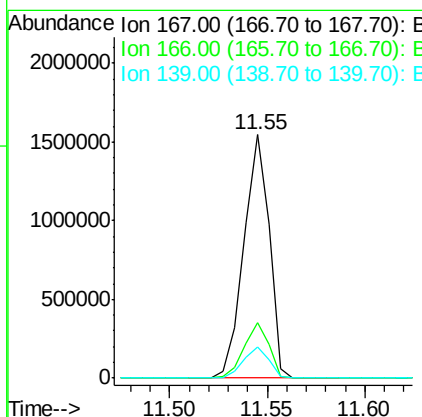
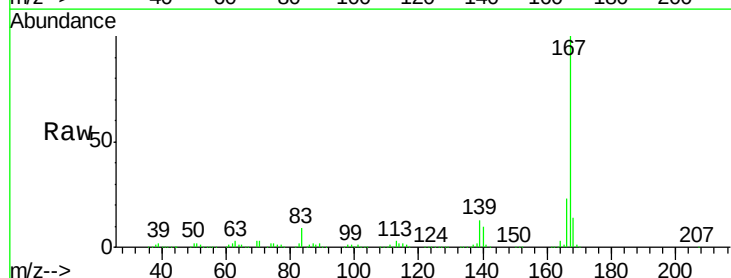
Instrument :
 BNA_F
 ClientSampleId :

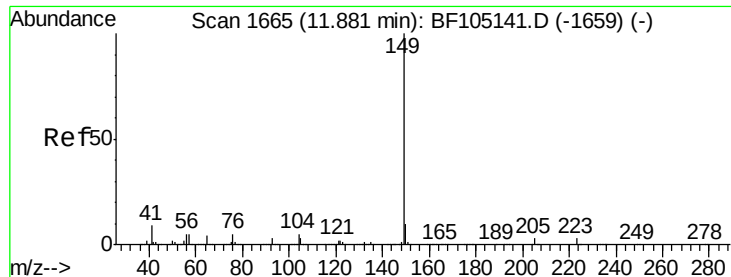
Tot Ion:178 Resp: 1521652
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 34.914 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion:167 Resp: 1393930
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.801 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

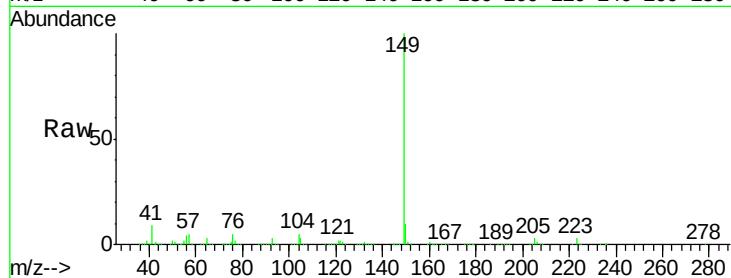
Tot Ion:149 Resp: 1571472

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

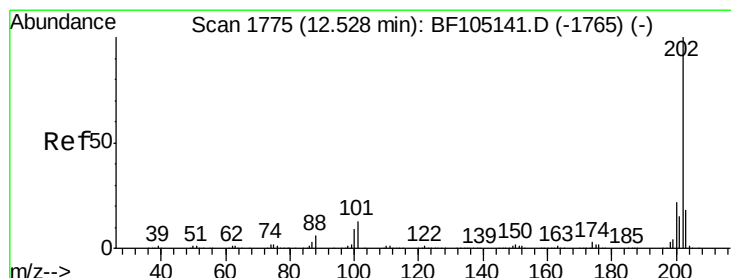
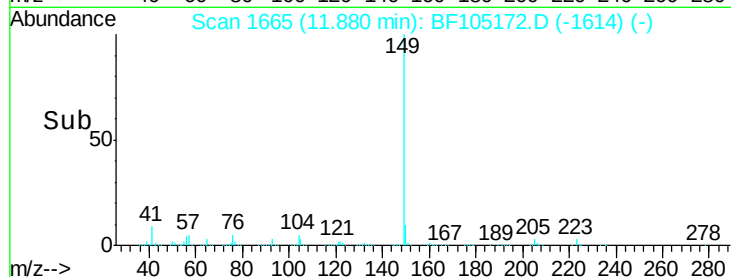
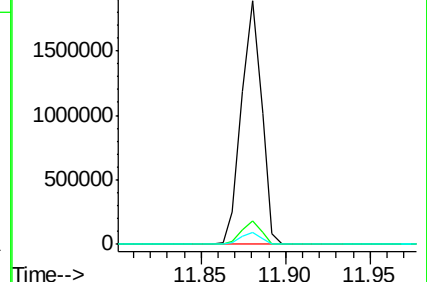
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.050 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

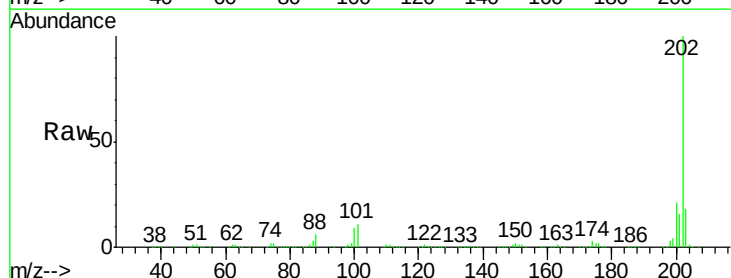
Tgt Ion:202 Resp: 1592549

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

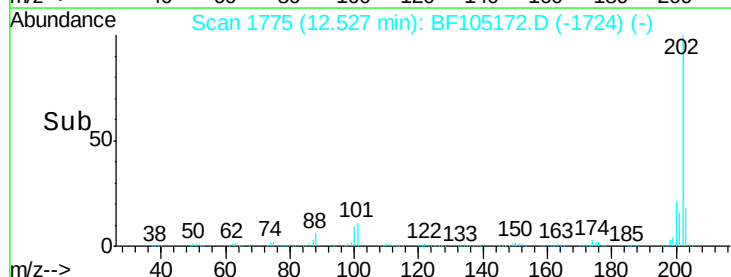
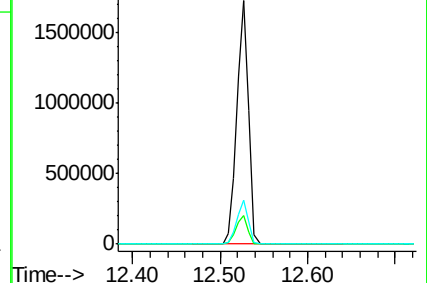
203 18.0 0.0 38.1

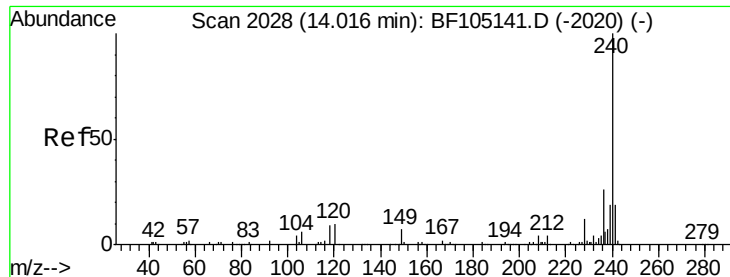


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampled :

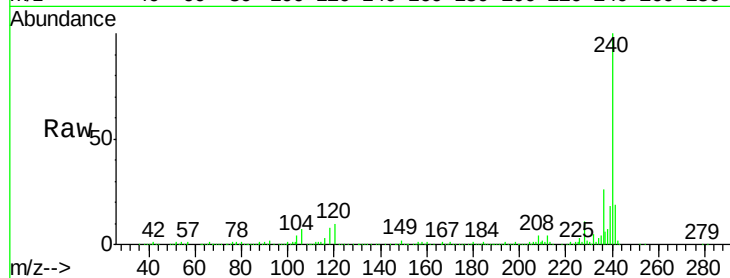
Tot Ion:240 Resp: 646484

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

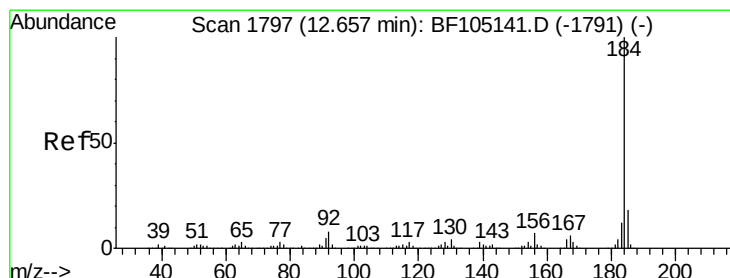
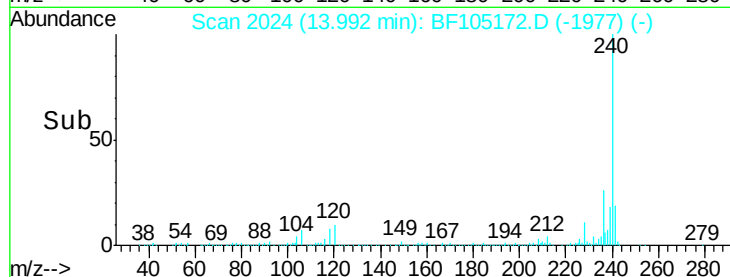
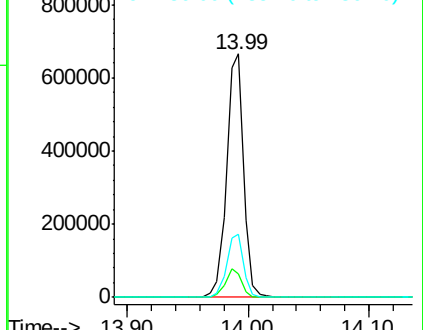
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.405 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

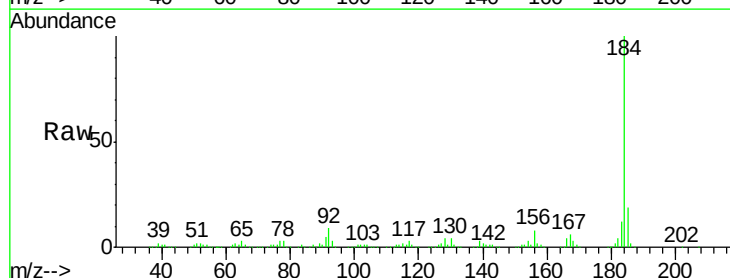
Tgt Ion:184 Resp: 830575

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

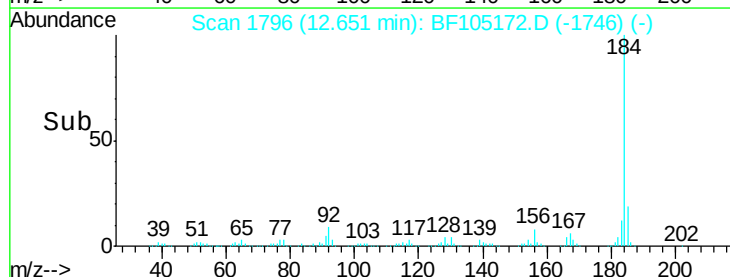
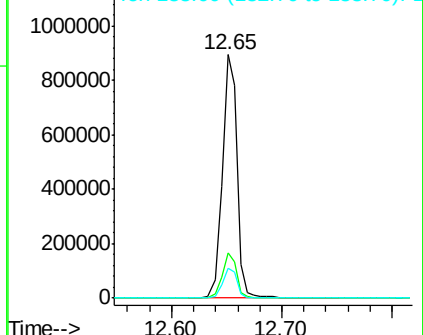
183 12.4 9.3 13.9

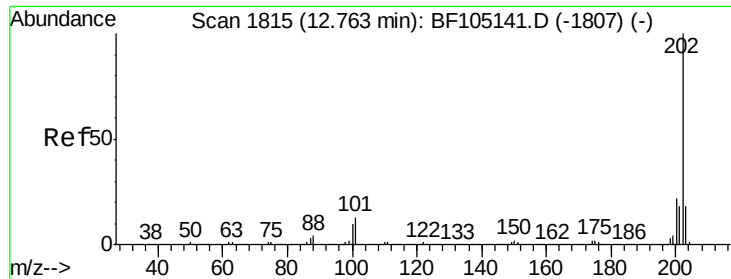


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

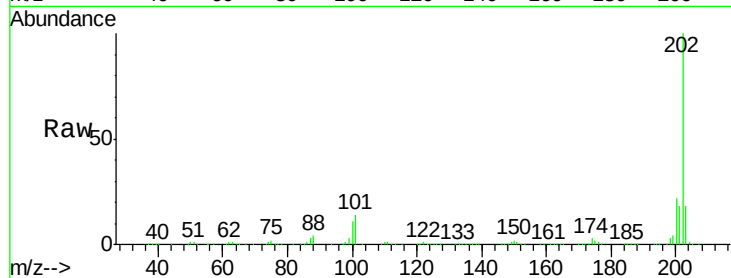




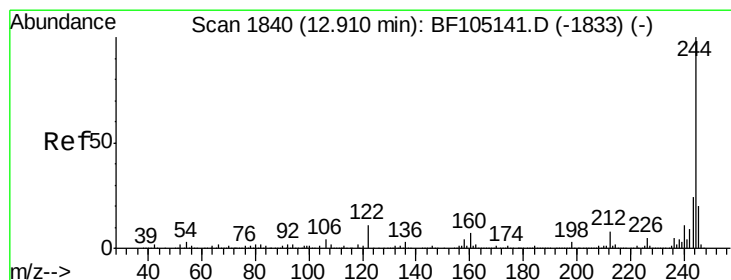
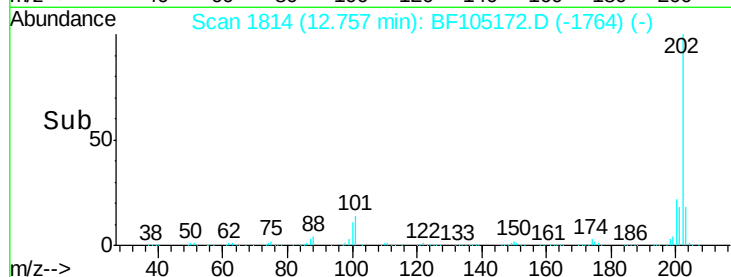
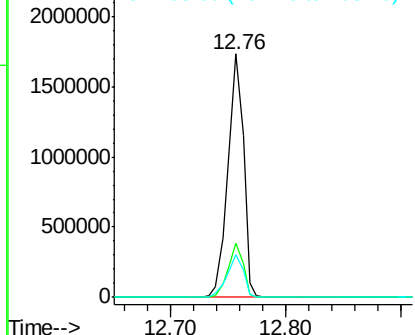
#77
Pvrene
Concen: 34.542 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1624221
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.6 14.3 21.5

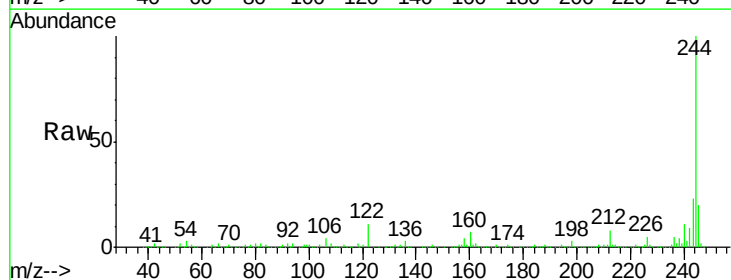


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

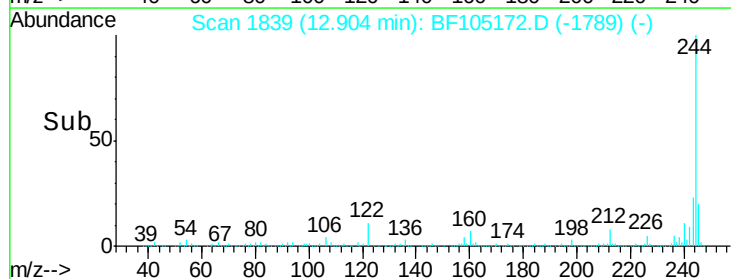
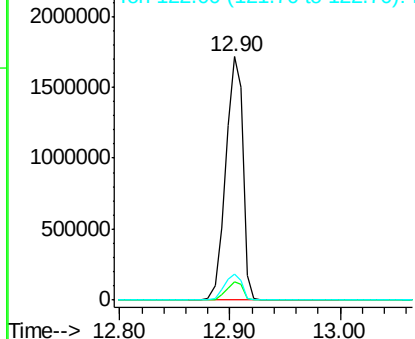


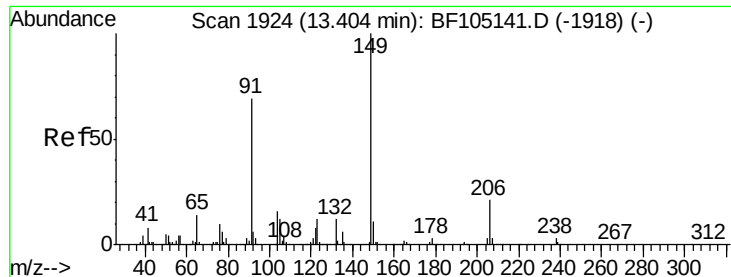
#78
Terphenyl-d14
Concen: 66.793 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:244 Resp: 1858927
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 10.7 11.0 16.4#



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





#79

Butylbenzylphthalate

Concen: 39.285 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

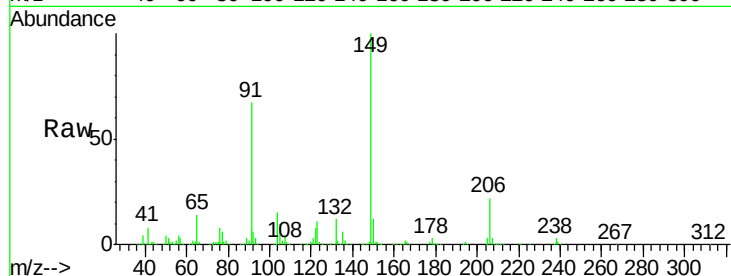
Tot Ion:149 Resp: 642755

Ion Ratio Lower Upper

149 100

91 67.3 56.8 85.2

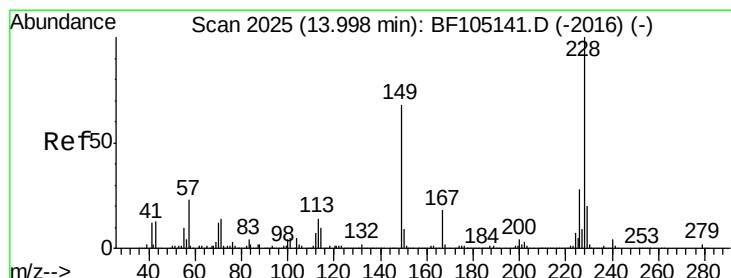
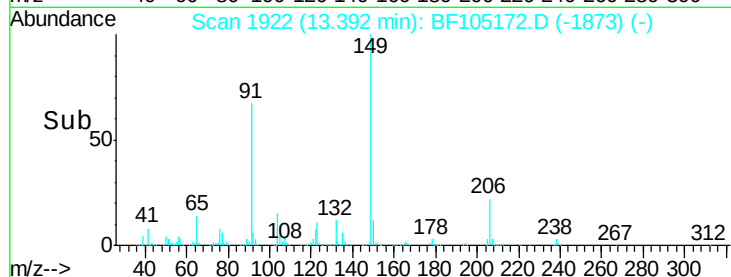
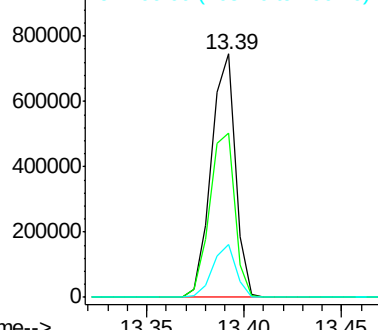
206 21.5 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.030 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

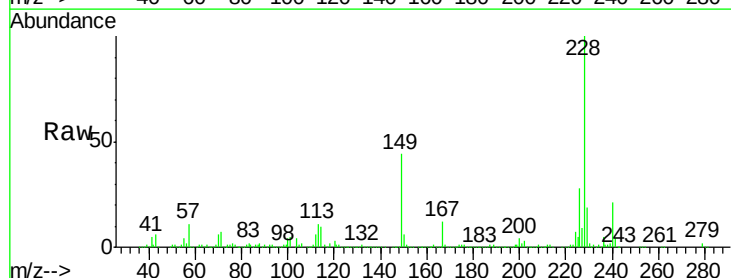
Tgt Ion:228 Resp: 1334238

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

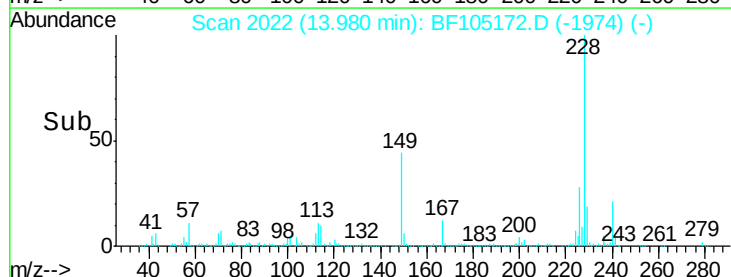
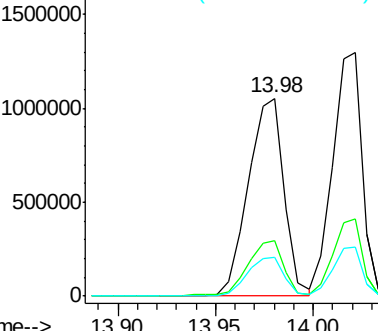
229 19.5 15.8 23.6

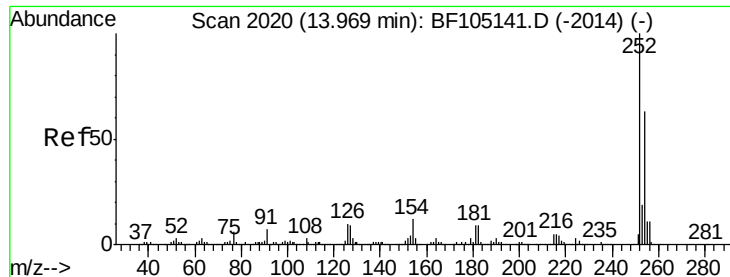


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

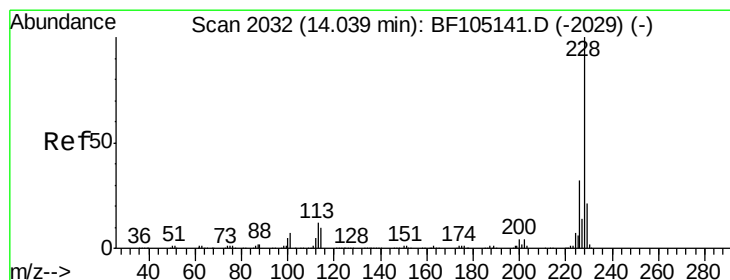
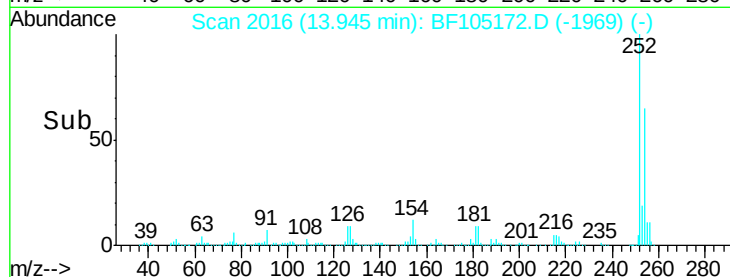
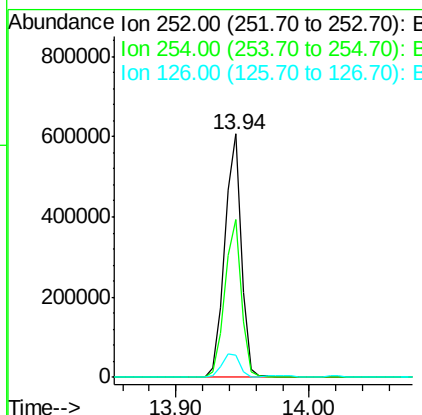
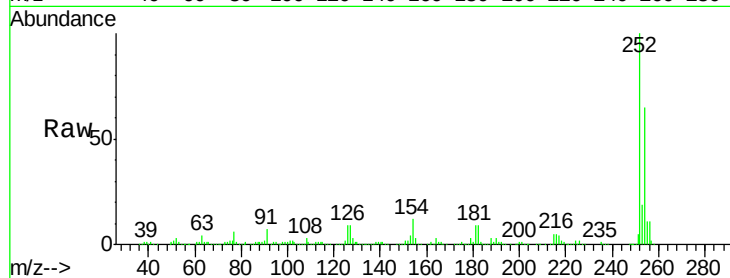




#81
 3,3'-Dichlorobenzidine
 Concen: 36.504 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

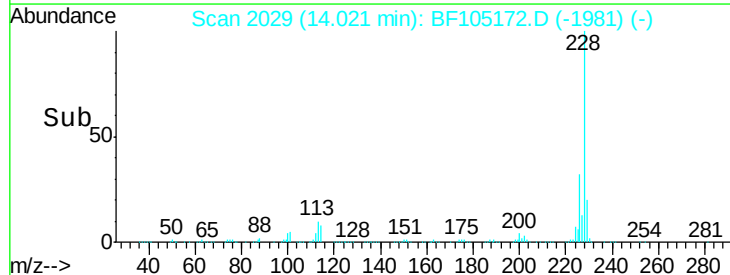
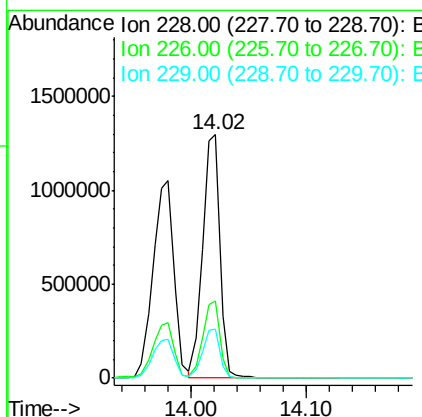
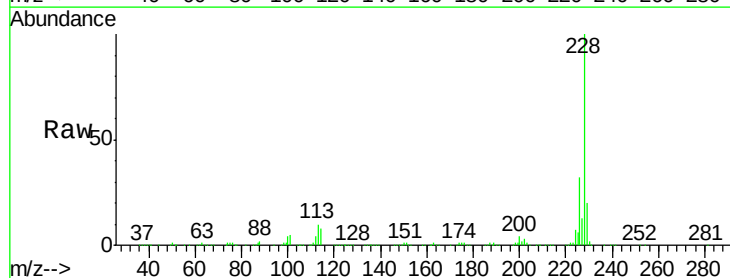
Instrument :
 BNA_F
 ClientSampleId :

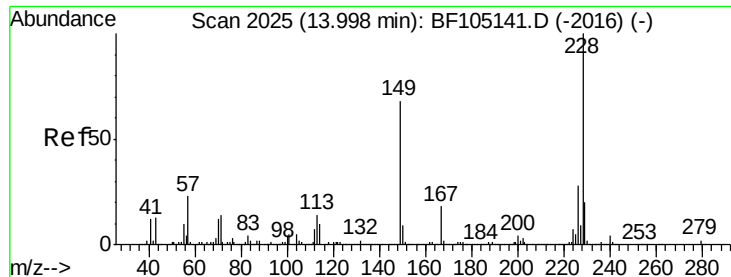
Tot Ion:252 Resp: 538064
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 9.2 11.3 16.9#



#82
 Chrysene
 Concen: 33.785 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF105172.D
 Acq: 9 May 2018 4:17

Tgt Ion:228 Resp: 1364173
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 19.9 16.2 24.4

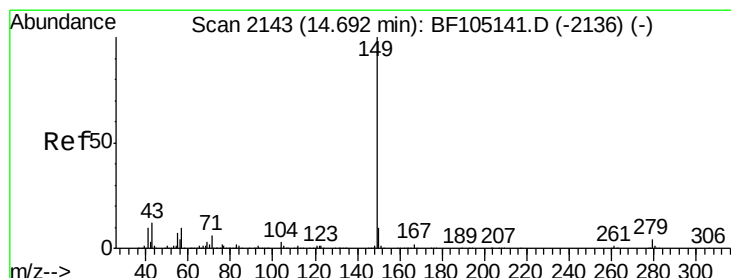
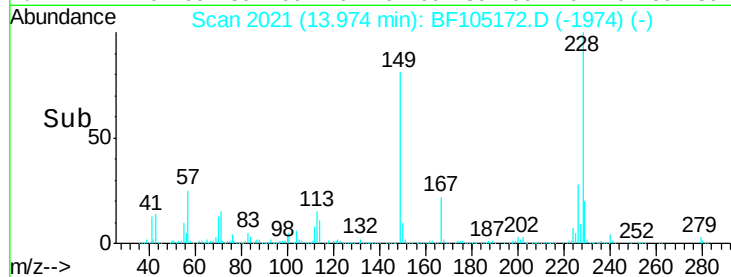
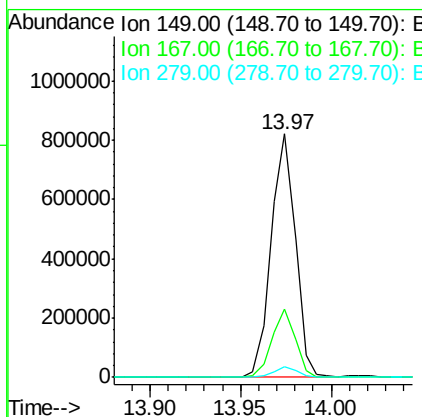
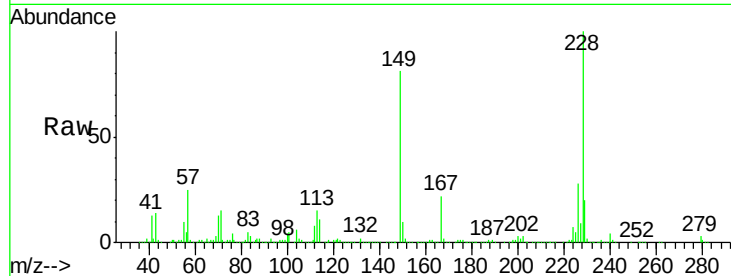




#83
Bis(2-ethylhexyl)phthalate
Concen: 39.286 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

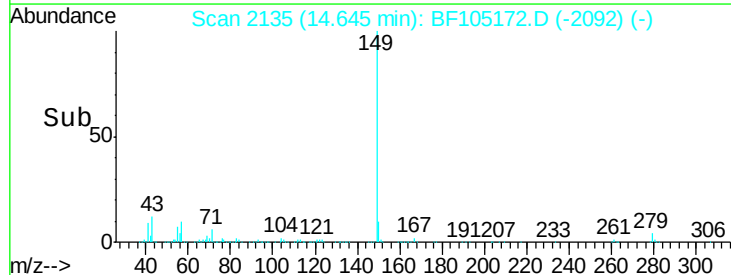
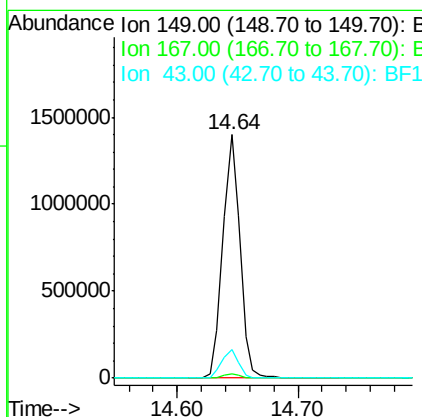
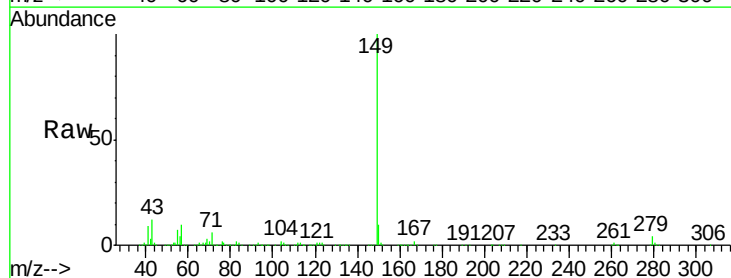
Instrument :
BNA_F
ClientSampleId :

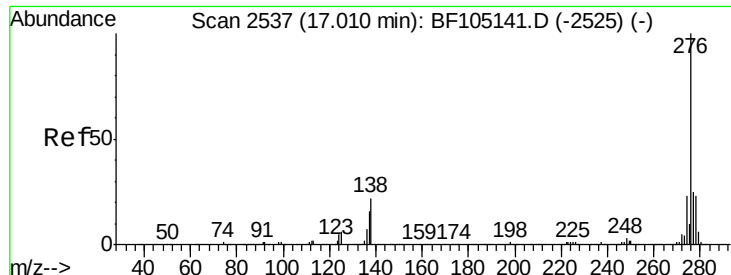
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.3	3.0	4.4



#84
Di-n-octyl phthalate
Concen: 38.254 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.05 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.623 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.06 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

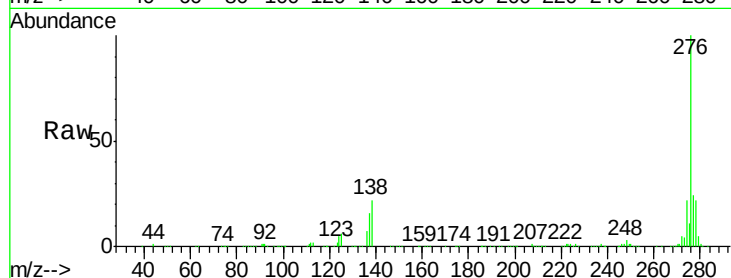
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1107851

Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	25.3	20.1	30.1

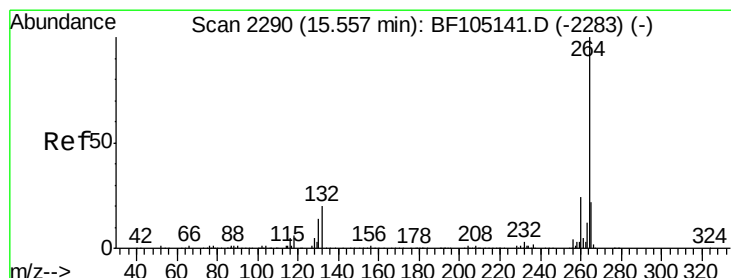
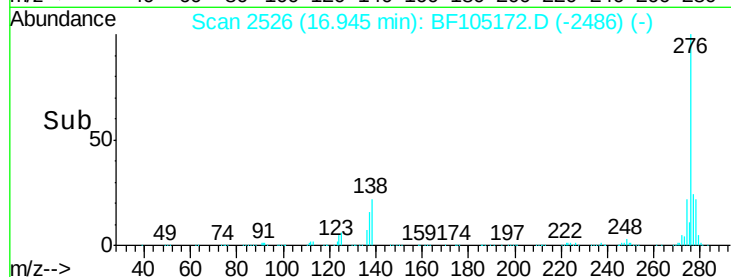
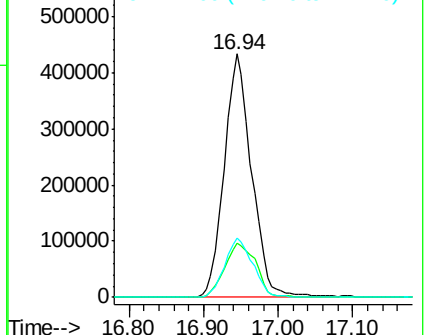


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

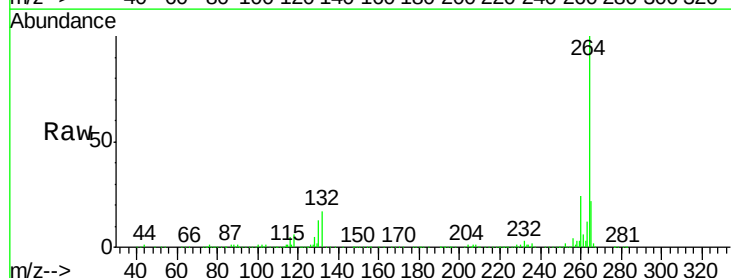
Delta R.T. -0.05 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Tgt Ion:264 Resp: 579747

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

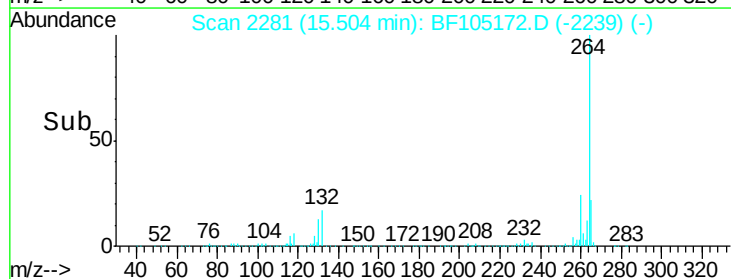
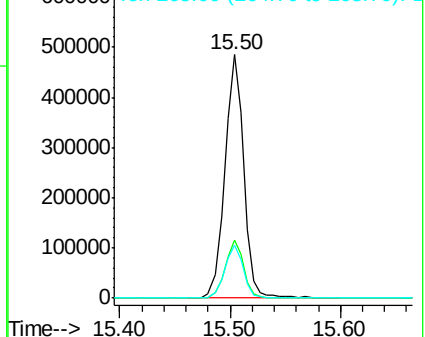


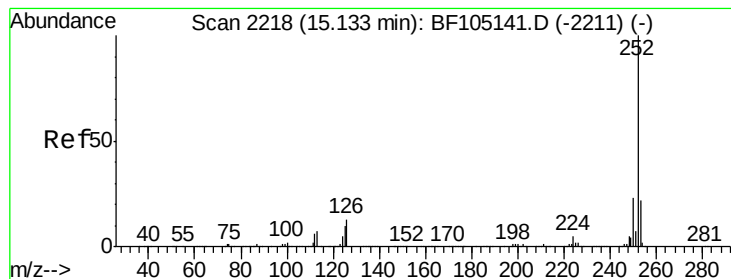
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.816 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.05 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

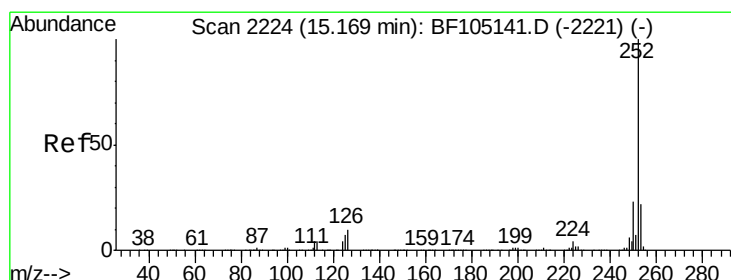
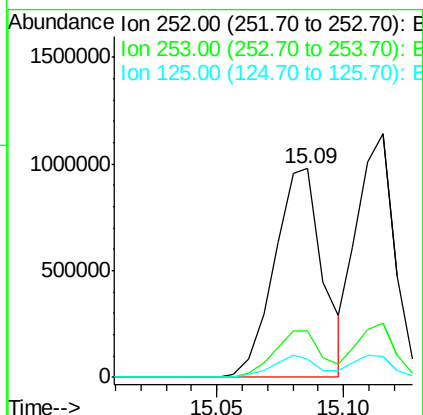
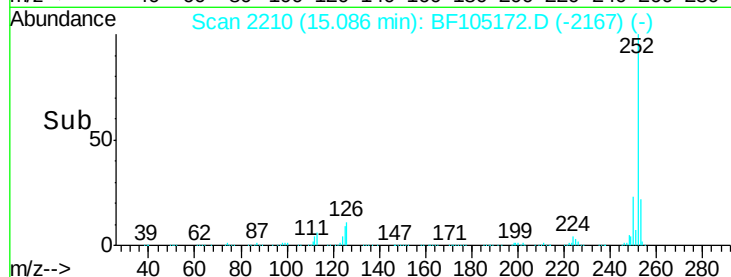
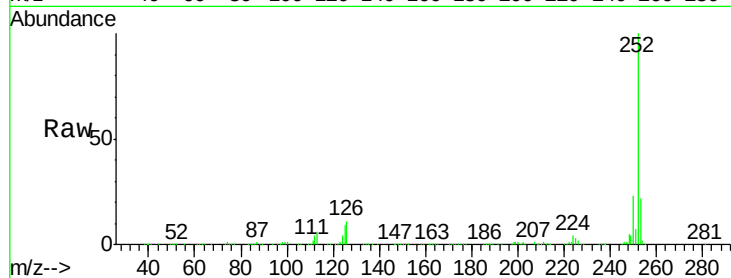
Tot Ion:252 Resp: 1305780

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 8.6 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 35.229 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.05 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

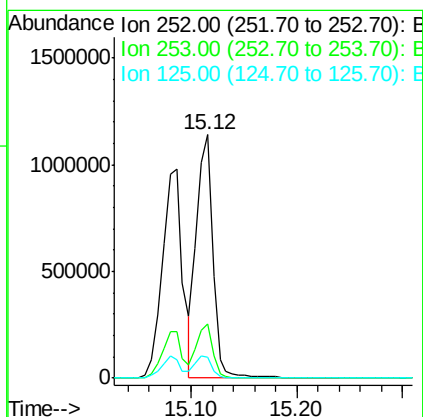
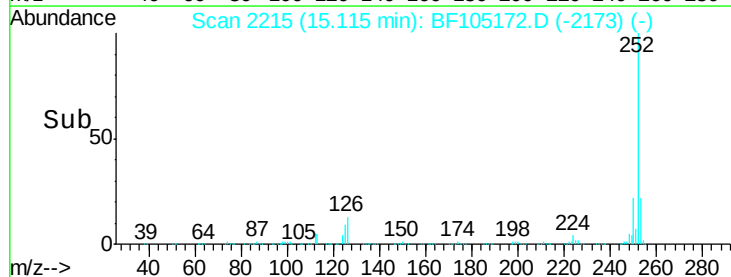
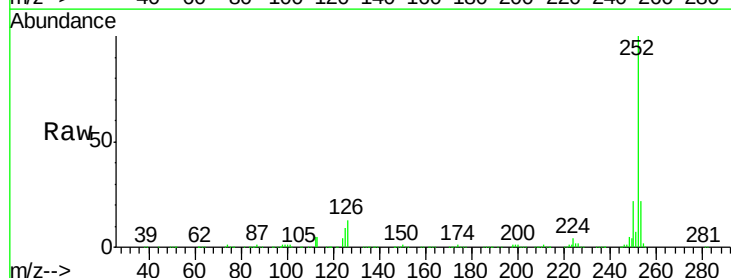
Tgt Ion:252 Resp: 1211609

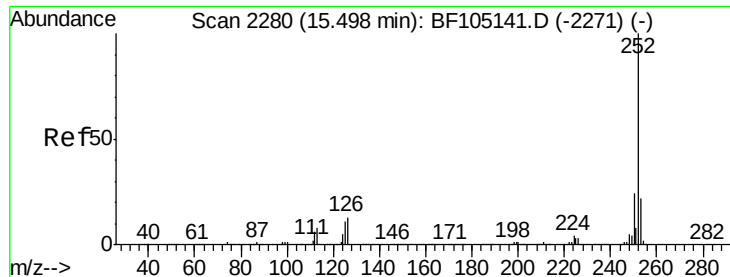
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.6 10.2 15.2#

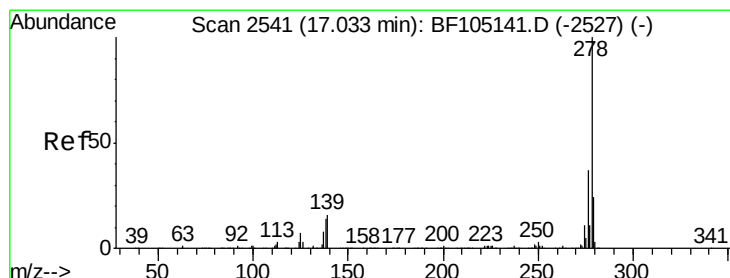
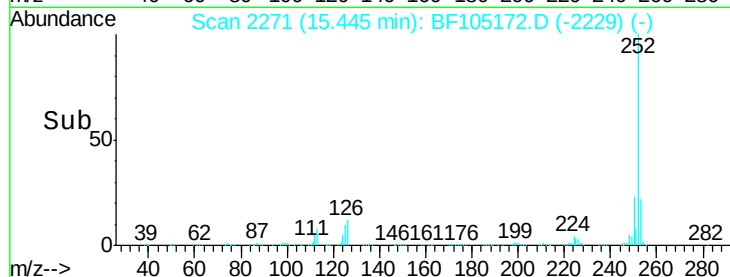
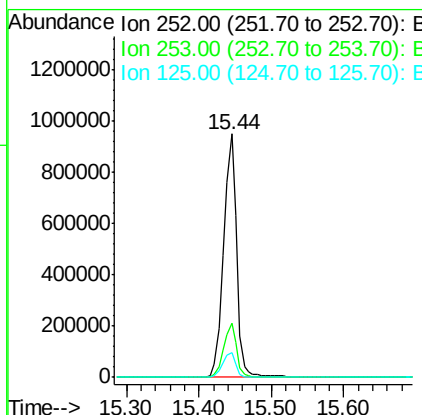
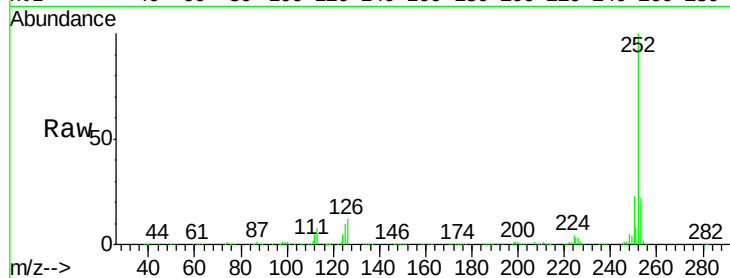




#89
Benzo(a)pyrene
Concen: 36.917 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.05 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

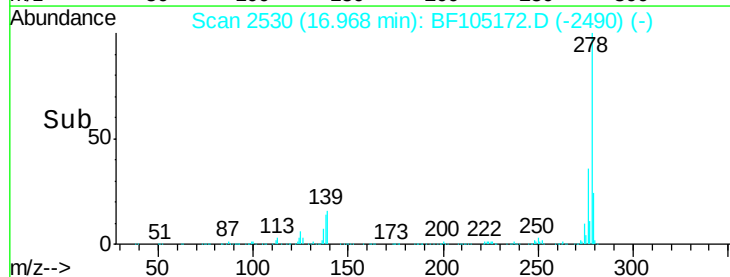
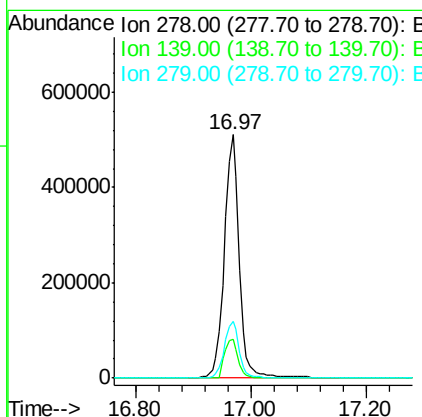
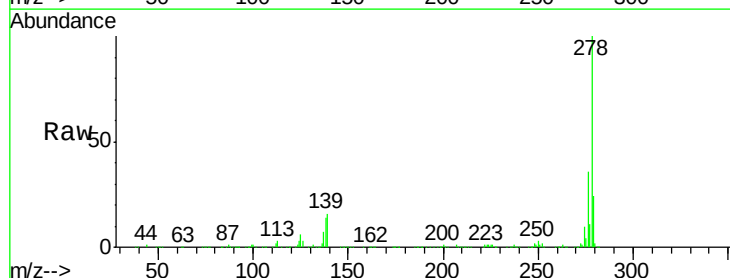
Instrument :
BNA_F
ClientSampleId :

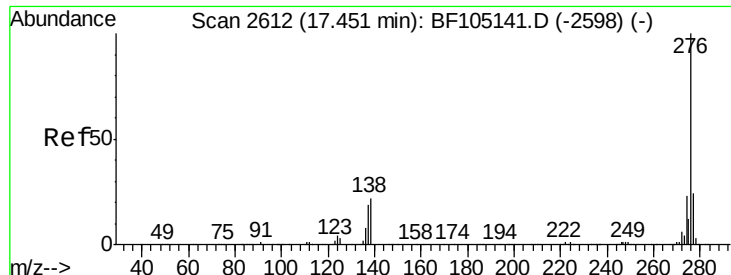
Tot Ion:252 Resp: 1190867
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.605 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.06 min
Lab File: BF105172.D
Acq: 9 May 2018 4:17

Tgt Ion:278 Resp: 917115
Ion Ratio Lower Upper
278 100
139 15.9 15.9 23.9#
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.346 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.07 min

Lab File: BF105172.D

Acq: 9 May 2018 4:17

Instrument :

BNA_F

ClientSampleId :

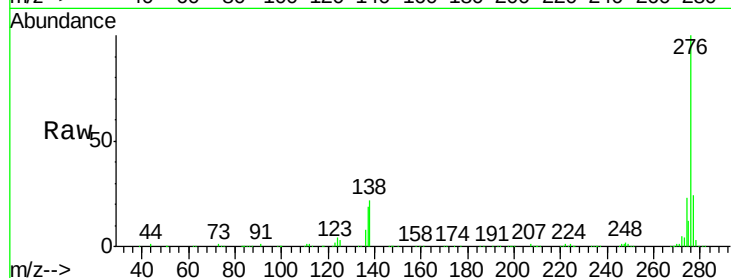
Tot Ion:276 Resp: 915393

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 22.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

