

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099061.D
 Acq On : 4 Oct 2017 6:01
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 08:26:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	105880	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	386734	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	137074	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	213173	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	221307	20.00	ng	-0.05
86) Perylene-d12	15.51	264	220855	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	580834	87.33	ng	-0.05
7) Phenol-d6	6.50	99	677476	82.57	ng	-0.04
23) Nitrobenzene-d5	7.44	82	537073	89.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	87974	78.43	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	849391	103.45	ng	-0.05
78) Terphenyl-d14	12.98	244	710519	73.01	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	135884	42.77	ng	97
3) Pyridine	3.41	79	357599	41.61	ng	97
4) n-Nitrosodimethylamine	3.37	42	146481	40.19	ng	89
6) Aniline	6.54	93	437771	39.53	ng	98
8) 2-Chlorophenol	6.66	128	314808	41.80	ng	98
9) Benzaldehyde	6.43	77	180535	37.93	ng	96
10) Phenol	6.52	94	399628	43.55	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	297488	41.70	ng	98
12) 1,3-Dichlorobenzene	6.82	146	332381	42.14	ng	98
13) 1,4-Dichlorobenzene	6.89	146	338089	42.13	ng	99
14) 1,2-Dichlorobenzene	7.05	146	308908	41.66	ng	100
15) Benzyl Alcohol	7.02	79	230784	38.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	431739	38.85	ng	99
17) 2-Methylphenol	7.12	107	241344	39.16	ng	97
18) Hexachloroethane	7.39	117	107224	37.17	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	191597	36.57	ng	95
20) 3+4-Methylphenols	7.27	107	296646	38.05	ng	93
22) Acetophenone	7.29	105	401755	42.88	ng	# 95
24) Nitrobenzene	7.46	77	295109	43.14	ng	99
25) Isophorone	7.69	82	504412	40.46	ng	99
26) 2-Nitrophenol	7.77	139	149145	45.34	ng	89
27) 2,4-Dimethylphenol	7.80	122	251076	40.42	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	335070	43.12	ng	100
29) 2,4-Dichlorophenol	8.01	162	221336	41.50	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	225951	42.36	ng	98
31) Naphthalene	8.18	128	757746	41.72	ng	100
32) Benzoic acid	7.91	122	125426	24.58	ng	98
33) 4-Chloroaniline	8.23	127	304266	40.11	ng	96
34) Hexachlorobutadiene	8.29	225	120692	43.92	ng	99
35) Caprolactam	8.59	113	58379	34.12	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	216503	36.11	ng	98
37) 2-Methylnaphthalene	8.87	142	455772	38.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	203095	49.68	ng	99
40) Hexachlorocyclopentadiene	9.02	237	15195	8.13	ng	92

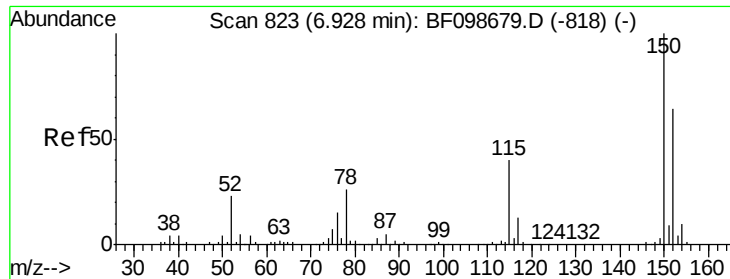
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099061.D
 Acq On : 4 Oct 2017 6:01
 Operator : SJ/JU
 Sample : SSTDC0040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	128604	44.41	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	125090	43.27	nq	99
45) 1,1'-Biphenyl	9.33	154	565402	47.99	nq	98
46) 2-Chloronaphthalene	9.36	162	404553	45.74	nq	97
47) 2-Nitroaniline	9.45	65	114586	42.31	nq	99
48) Acenaphthylene	9.77	152	583480	43.09	nq	100
49) Dimethylphthalate	9.63	163	468226	45.26	nq	100
50) 2,6-Dinitrotoluene	9.69	165	96462	42.83	nq	98
51) Acenaphthene	9.95	154	348453	40.63	nq	99
52) 3-Nitroaniline	9.86	138	109755	41.79	nq	94
53) 2,4-Dinitrophenol	9.97	184	12620	15.81	nq	96
54) Dibenzofuran	10.12	168	475225	41.61	nq	98
55) 4-Nitrophenol	10.02	139	76827	34.60	nq	88
56) 2,4-Dinitrotoluene	10.10	165	117865	40.32	nq	# 88
57) Fluorene	10.46	166	373425	40.68	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	73909	37.01	nq	99
59) Diethylphthalate	10.33	149	421069	41.65	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	172178	41.76	nq	93
61) 4-Nitroaniline	10.47	138	100169	39.54	nq	90
62) Azobenzene	10.61	77	352576	37.93	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	30158	23.25	nq	90
65) n-Nitrosodiphenylamine	10.57	169	331318	44.86	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	90799	43.52	nq	94
67) Hexachlorobenzene	11.01	284	97256	43.64	nq	# 90
68) Atrazine	11.09	200	94831	42.68	nq	97
69) Pentachlorophenol	11.20	266	49152	35.44	nq	97
70) Phenanthrene	11.42	178	497928	43.64	nq	98
71) Anthracene	11.47	178	508837	43.58	nq	99
72) Carbazole	11.63	167	507535	44.39	nq	99
73) Di-n-butylphthalate	11.95	149	605486	44.00	nq	98
74) Fluoranthene	12.61	202	550397	47.63	nq	100
76) Benzidine	12.73	184	333867	40.79	nq	99
77) Pyrene	12.84	202	583965	34.60	nq	100
79) Butylbenzylphthalate	13.45	149	294193	37.09	nq	95
80) Benzo(a)anthracene	14.03	228	562108	41.95	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	219154	44.61	nq	99
82) Chrysene	14.07	228	541538	42.45	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	429418	39.32	nq	# 99
84) Di-n-octyl phthalate	14.62	149	810635	46.10	nq	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	471330	46.18	nq	96
87) Benzo(b)fluoranthene	15.08	252	582777	42.92	nq	# 97
88) Benzo(k)fluoranthene	15.11	252	525098	39.15	nq	98
89) Benzo(a)pyrene	15.45	252	521285	41.82	nq	# 96
90) Dibenzo(a,h)anthracene	17.02	278	393592	39.46	nq	97
91) Benzo(g,h,i)perylene	17.45	276	362330	36.75	nq	97

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

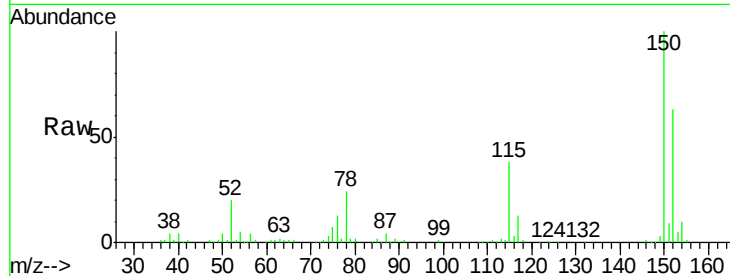


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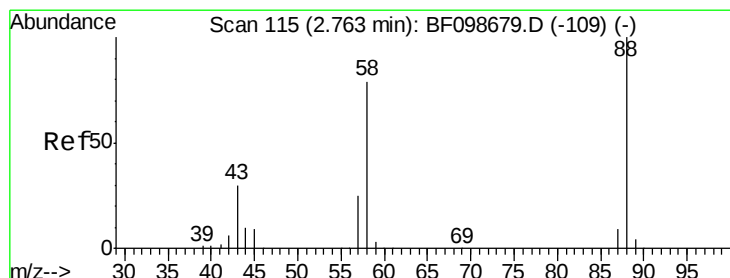
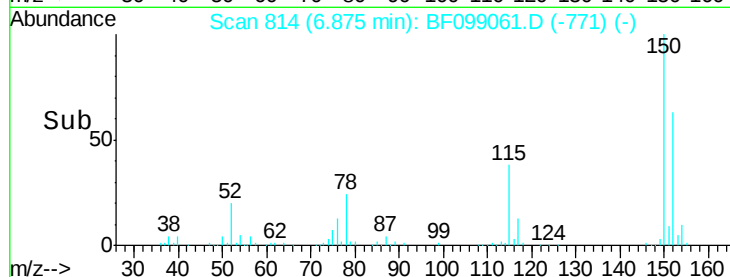
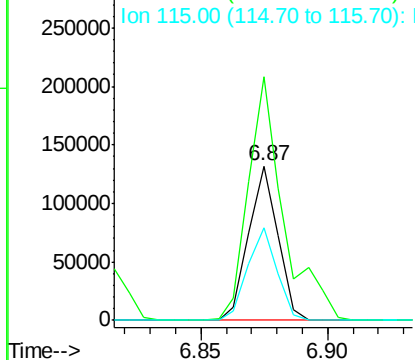
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105880
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.2 50.1 75.1



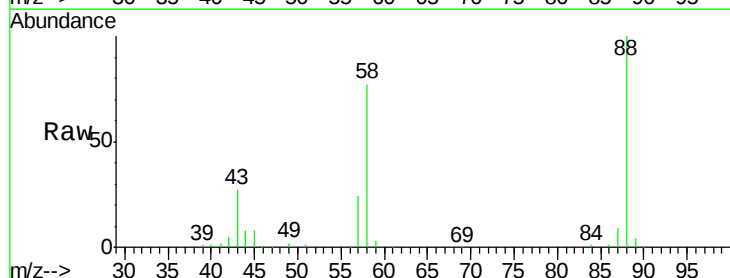
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



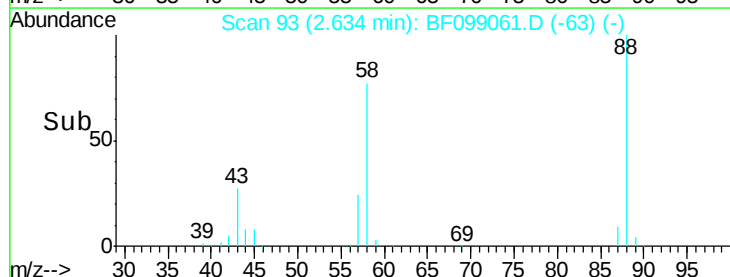
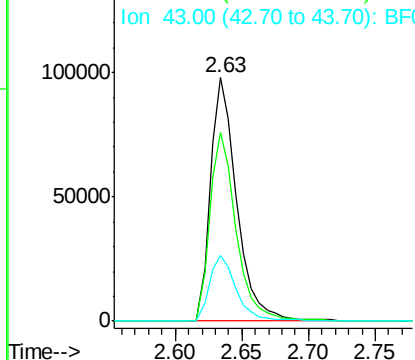
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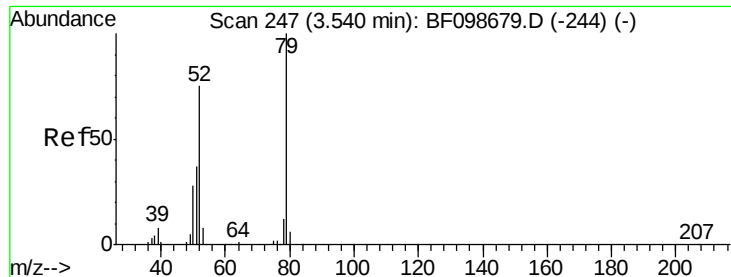
1,4-Dioxane
Concen: 42.77 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.12 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion: 88 Resp: 135884
Ion Ratio Lower Upper
88 100
58 77.2 62.6 93.8
43 27.2 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

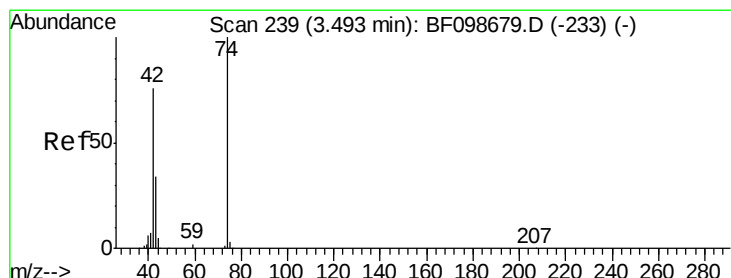
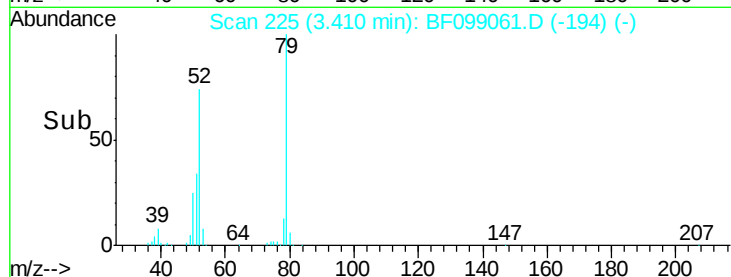
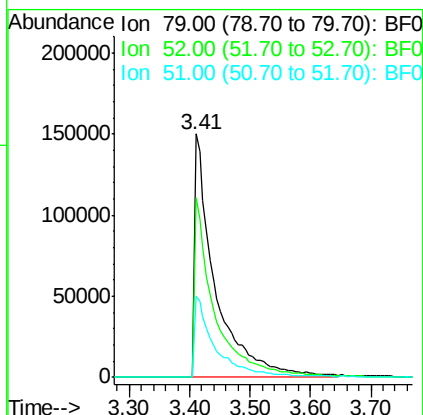
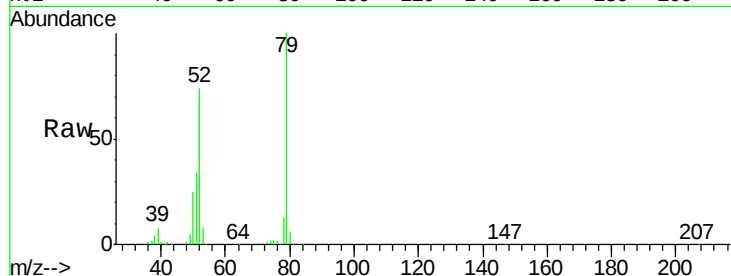




#3
 Pvridine
 Concen: 41.61 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.12 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

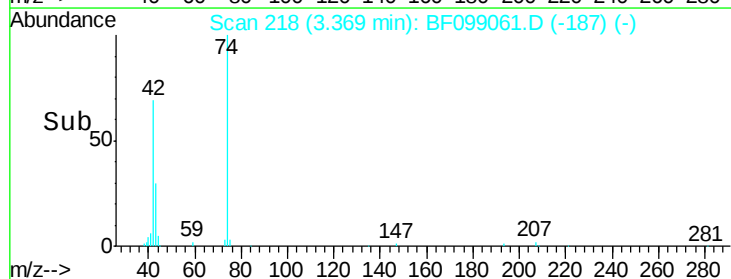
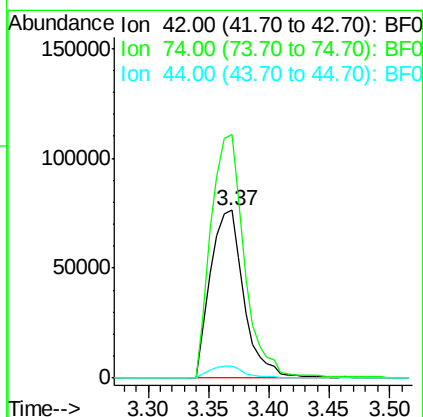
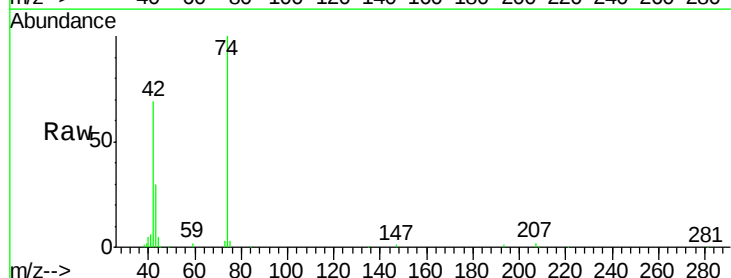
Instrument :
 BNA_F
 ClientSampleId :

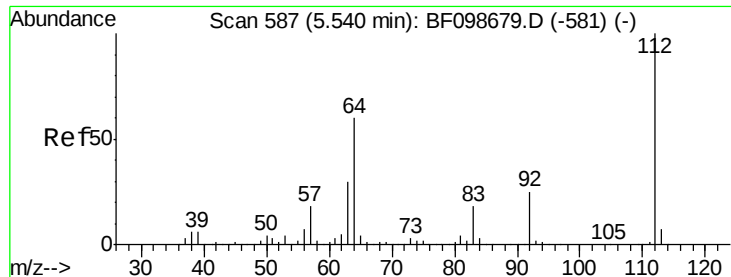
Tot Ion: 79 Resp: 357599
 Ion Ratio Lower Upper
 79 100
 52 73.6 59.8 89.6
 51 33.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.19 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.12 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion: 42 Resp: 146481
 Ion Ratio Lower Upper
 42 100
 74 145.1 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 87.33 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

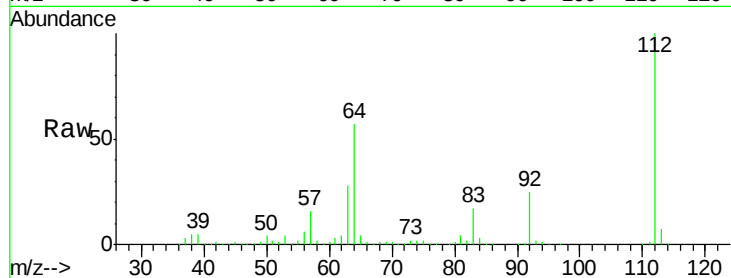
Tot Ion: 112 Resp: 580834

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

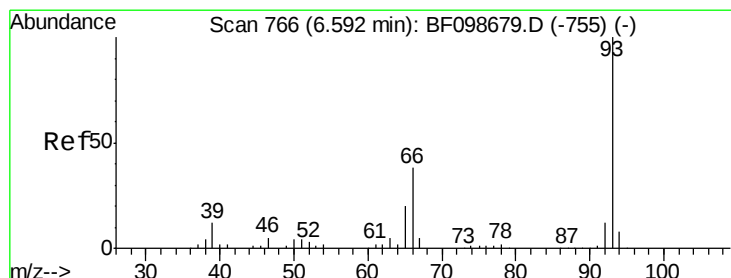
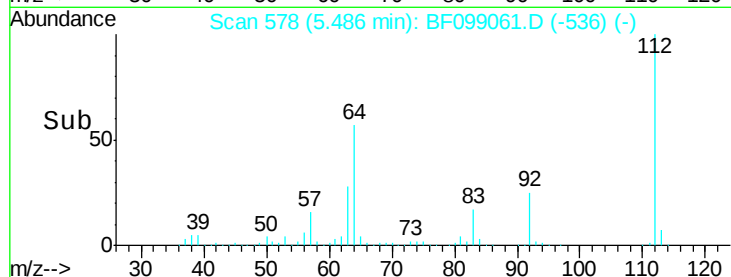
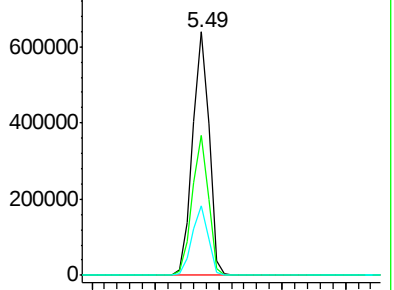
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.53 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

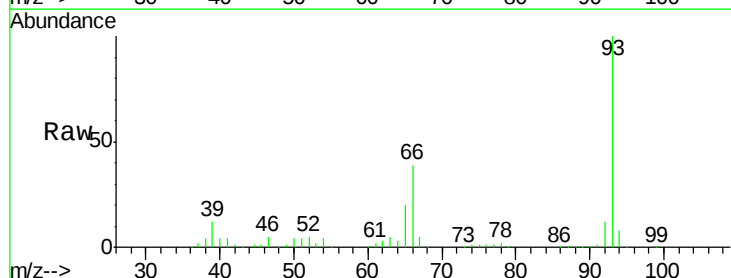
Tgt Ion: 93 Resp: 437771

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

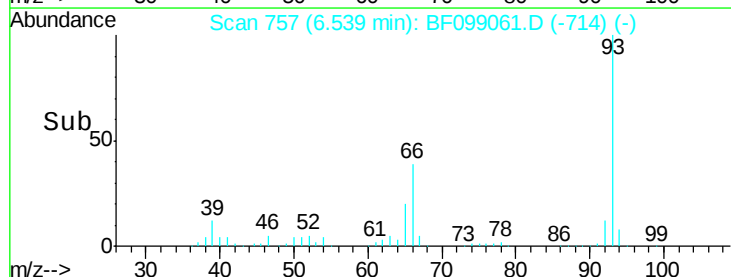
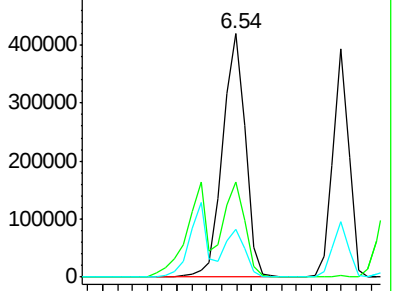
65 19.5 16.4 24.6

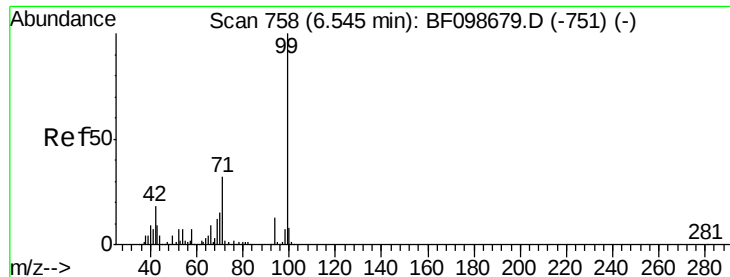


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.57 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

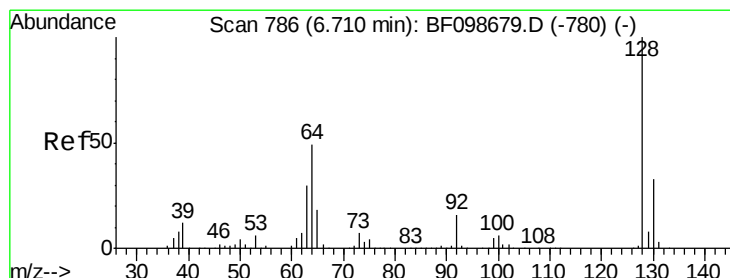
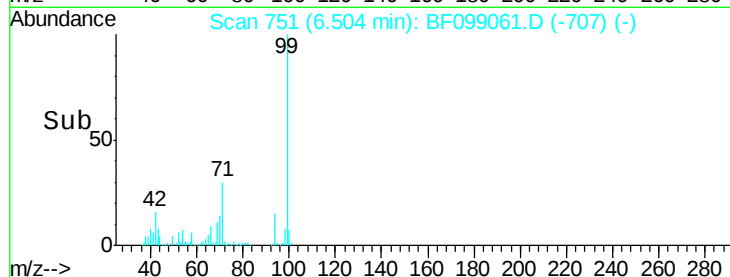
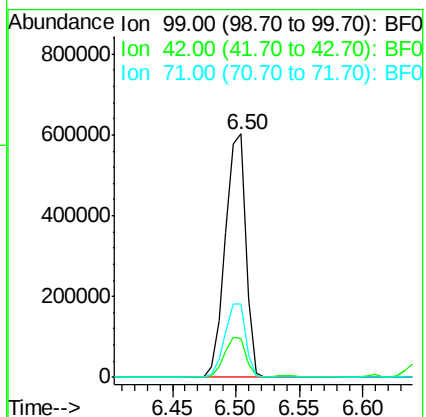
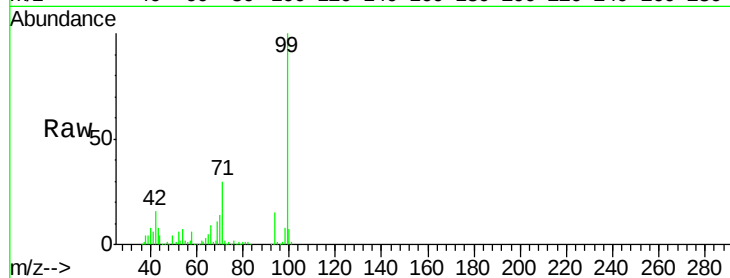
Tot Ion: 99 Resp: 677476

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 29.9 25.4 38.0



#8

2-Chlorophenol

Concen: 41.80 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

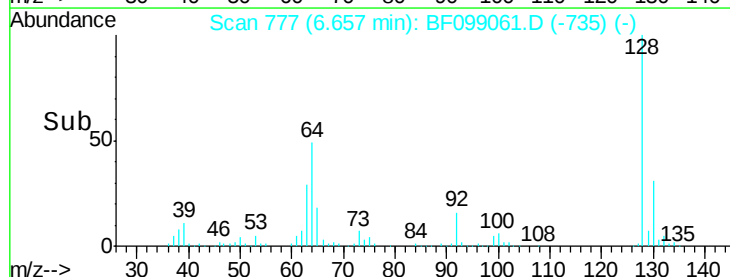
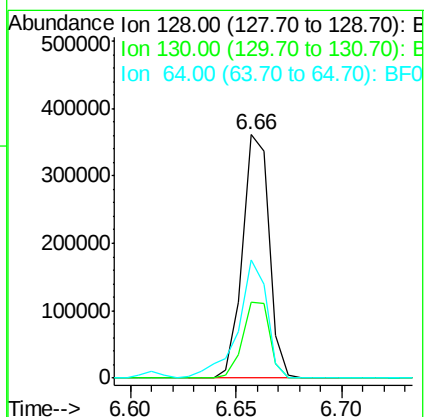
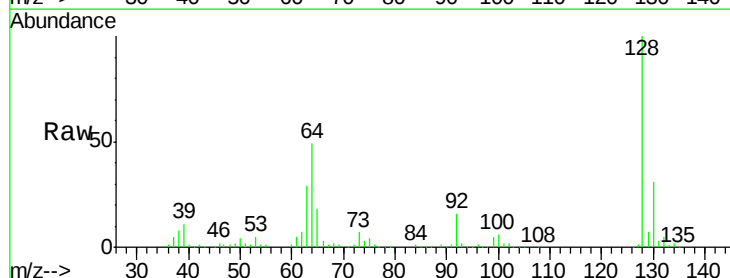
Tgt Ion: 128 Resp: 314808

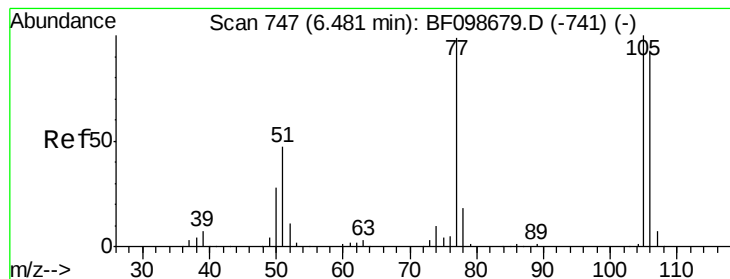
Ion Ratio Lower Upper

128 100

130 31.2 13.0 53.0

64 48.6 29.4 69.4





#9

Benzaldehyde

Concen: 37.93 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

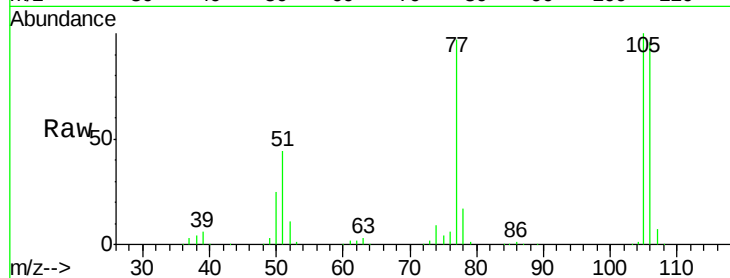
Tot Ion: 77 Resp: 180535

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

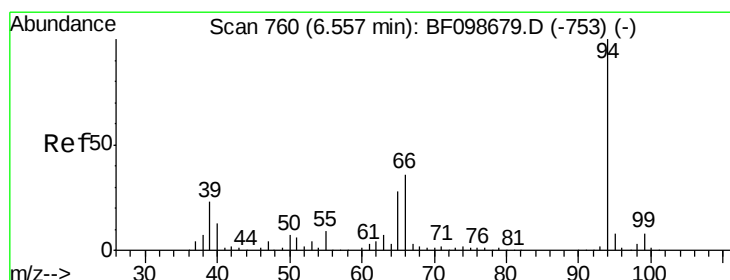
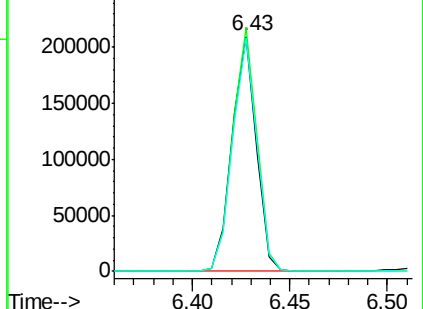
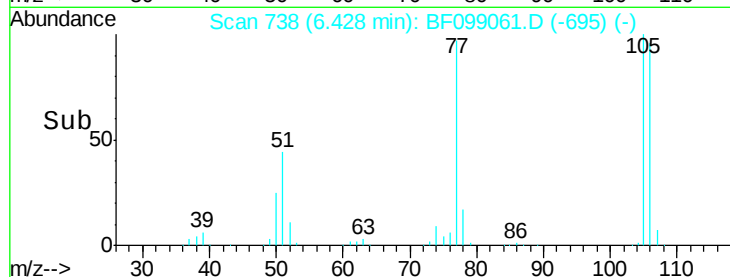
106 99.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.55 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

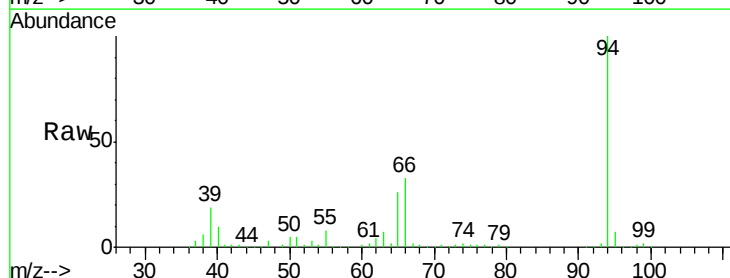
Tgt Ion: 94 Resp: 399628

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

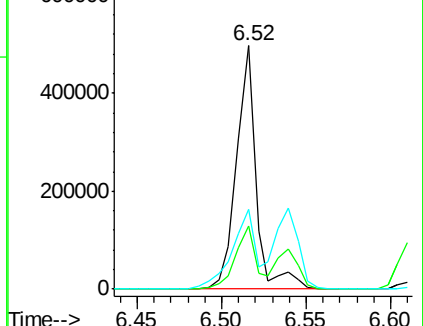
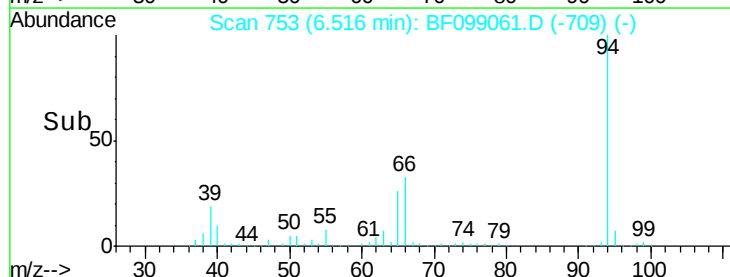
66 32.8 16.2 56.2

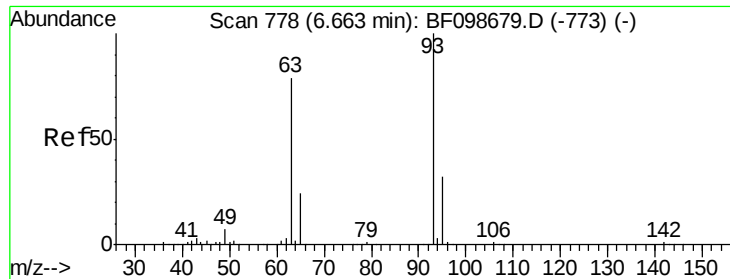


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

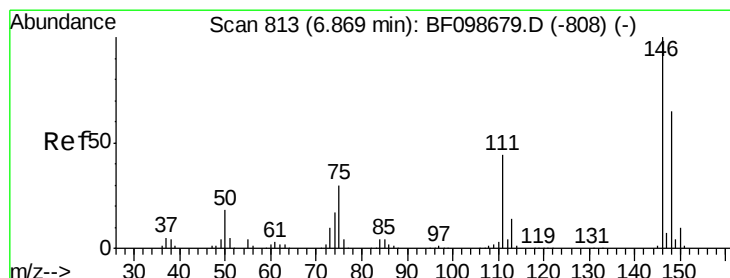
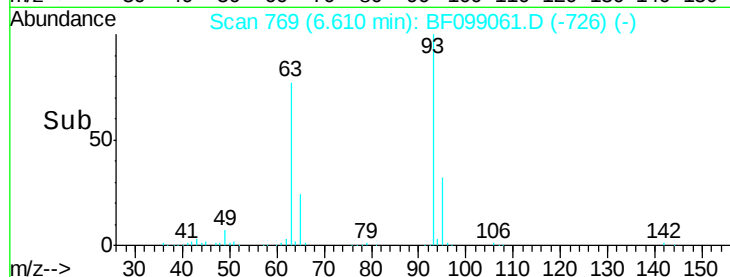
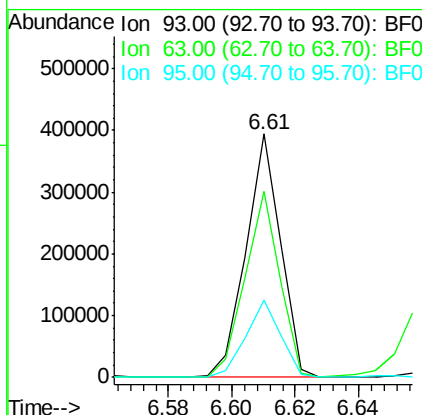
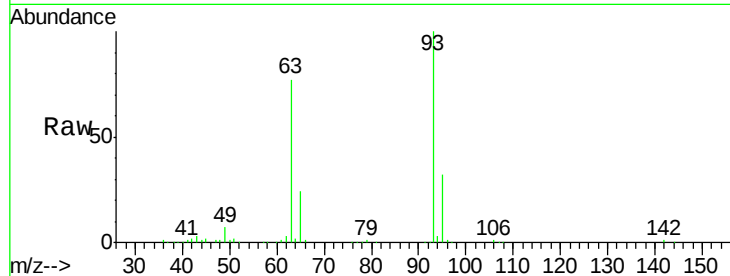




#11
bis(2-Chloroethyl)ether
Concen: 41.70 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

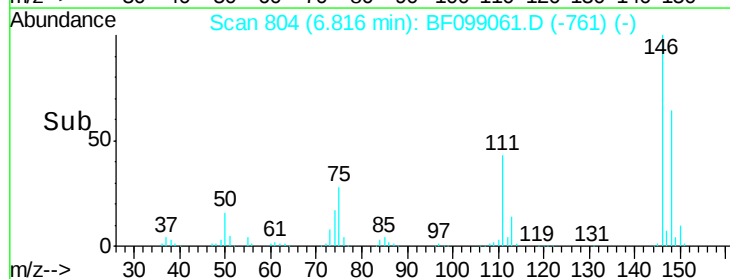
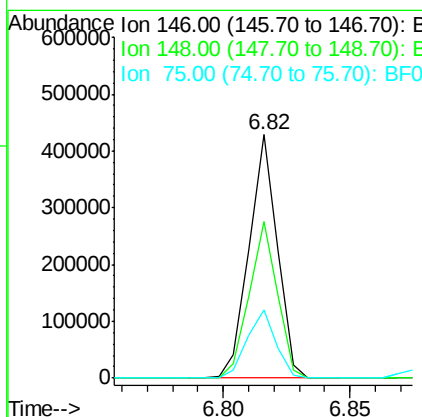
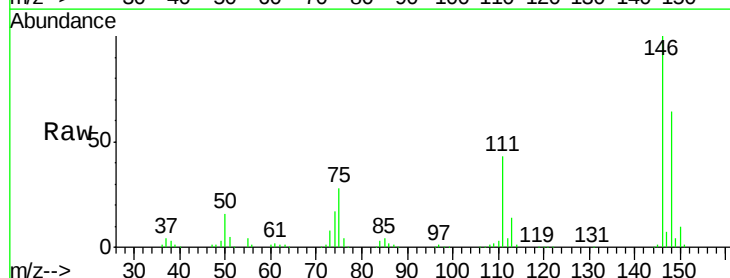
Instrument :
BNA_F
ClientSampleId :

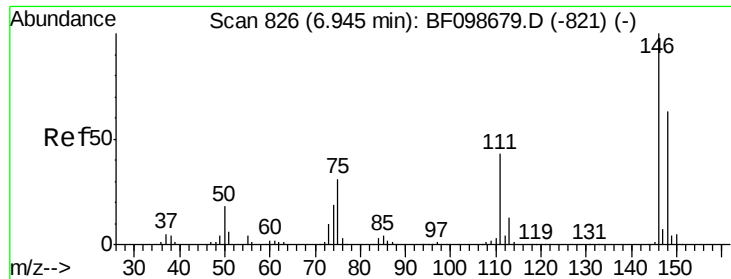
Tot Ion: 93 Resp: 297488
Ion Ratio Lower Upper
93 100
63 76.6 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.14 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion: 146 Resp: 332381
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 28.0 24.2 36.4

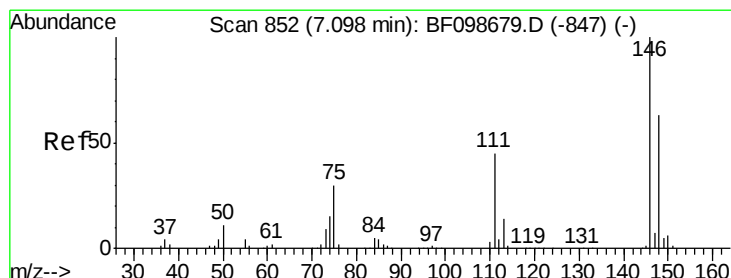
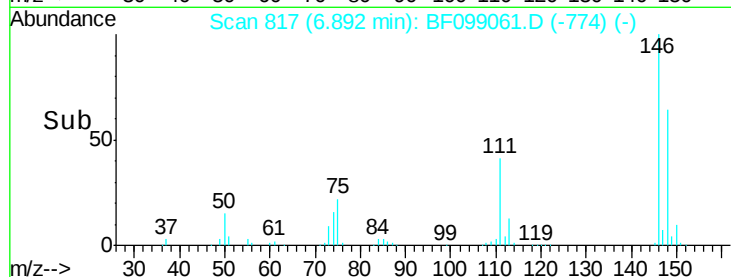
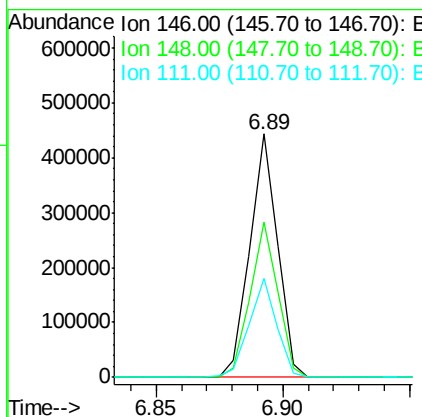
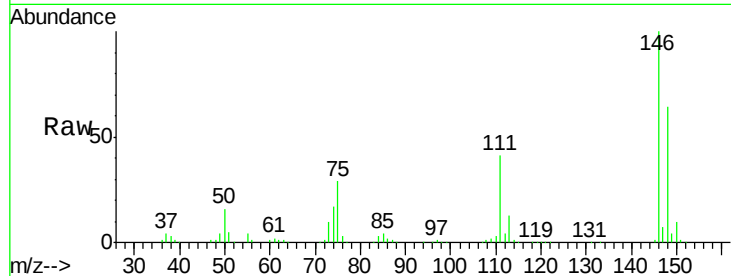




#13
 1,4-Dichlorobenzene
 Concen: 42.13 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

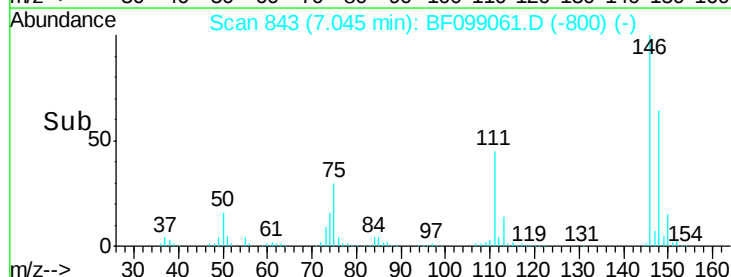
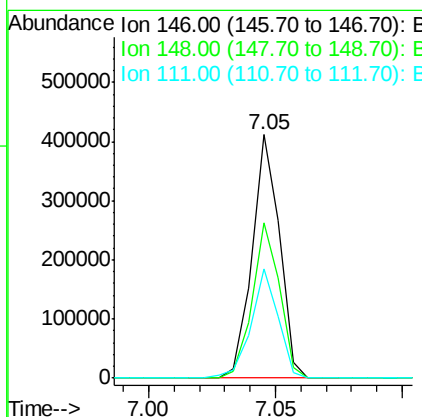
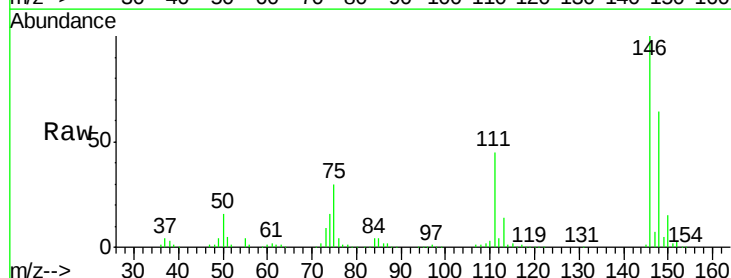
Instrument :
 BNA_F
 ClientSampled :

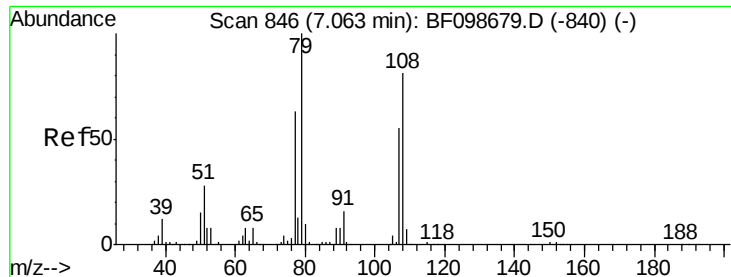
Tot Ion:146 Resp: 338089
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 40.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:146 Resp: 308908
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.34 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

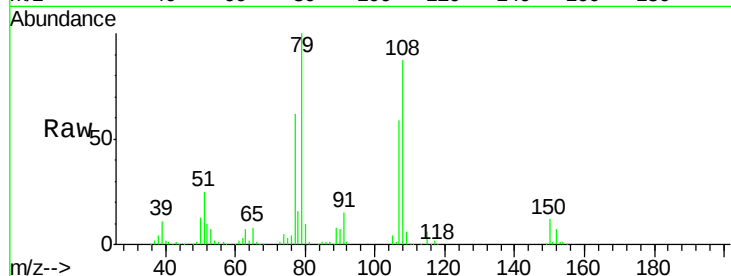
Tot Ion: 79 Resp: 230784

Ion Ratio Lower Upper

79 100

108 86.6 65.1 97.7

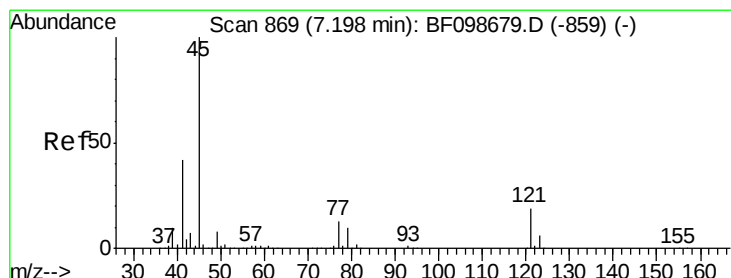
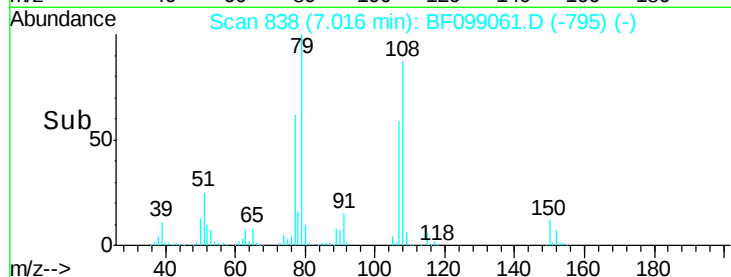
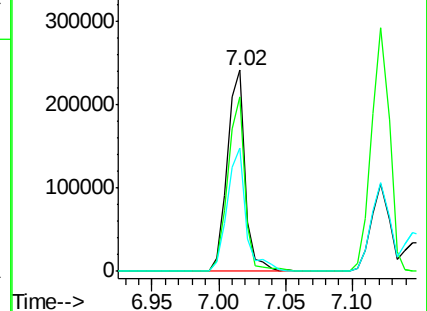
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.85 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

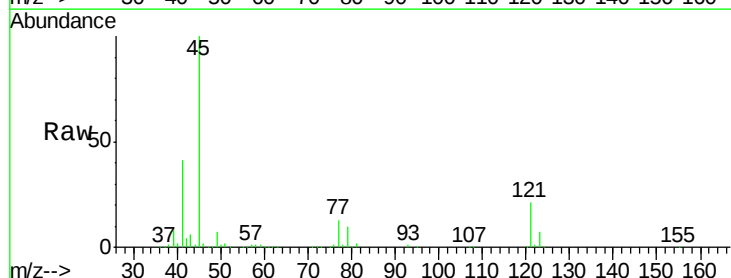
Tgt Ion: 45 Resp: 431739

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

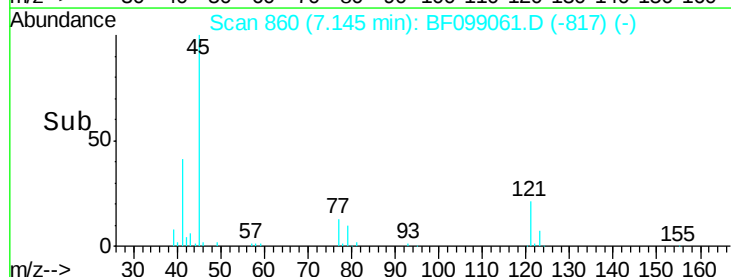
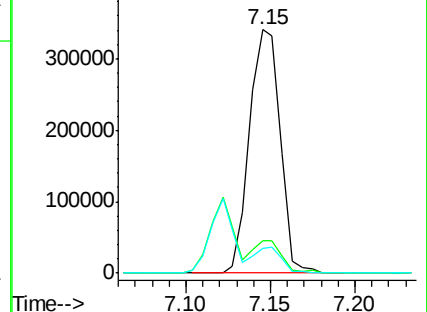
79 10.0 0.0 29.6

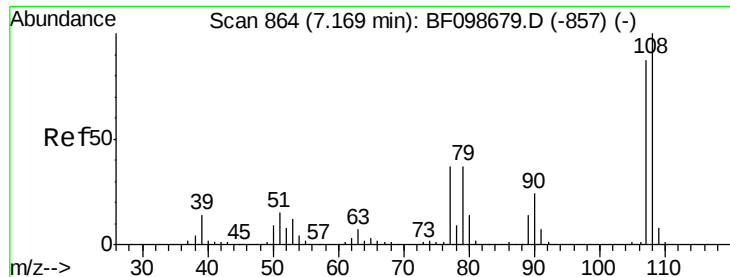


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

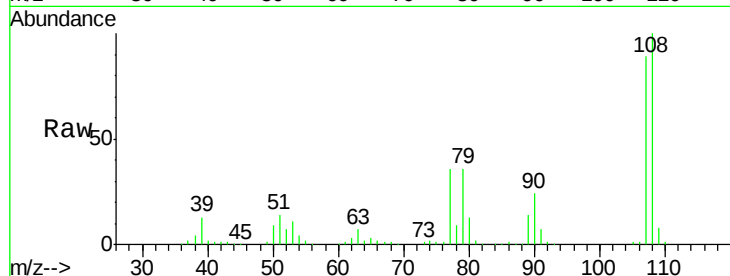




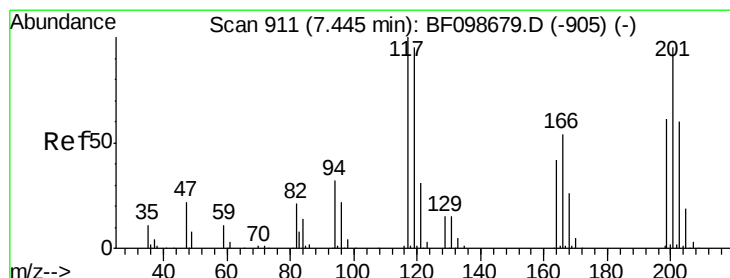
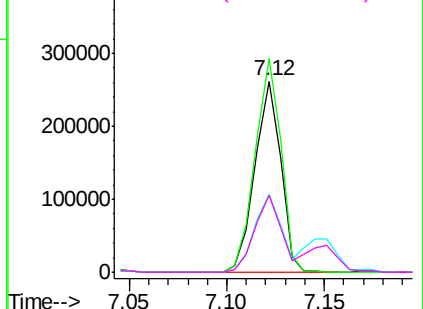
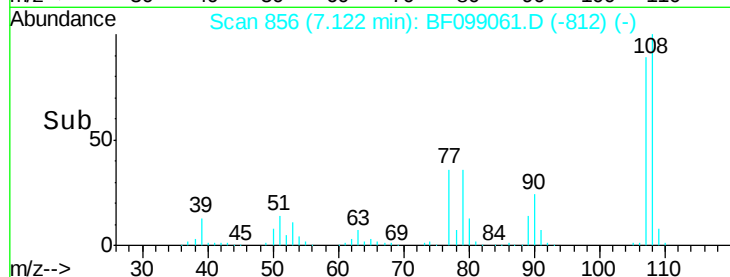
#17
2-Methylphenol
Concen: 39.16 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 241344
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 40.8 33.8 50.8
79 40.0 33.8 50.8

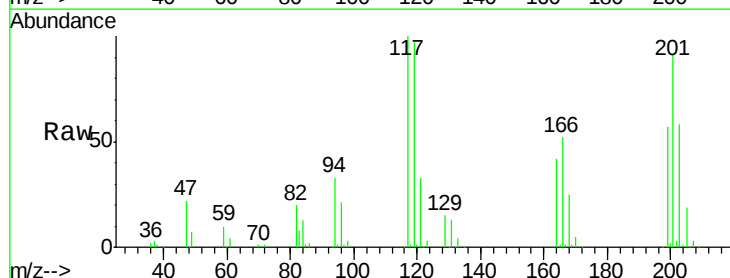


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

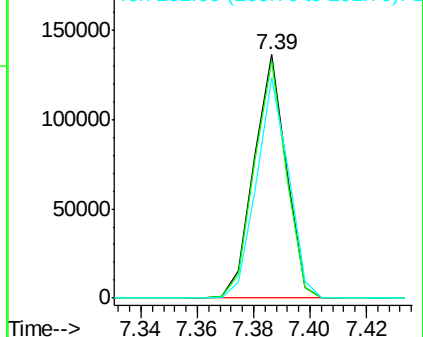
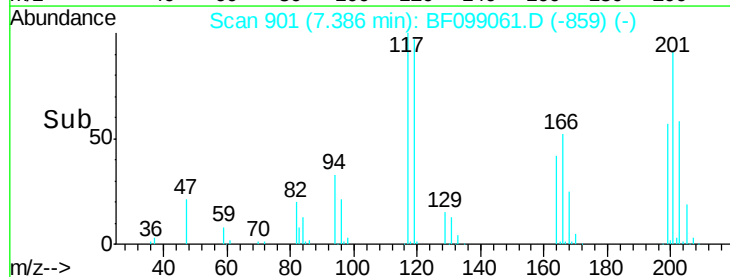


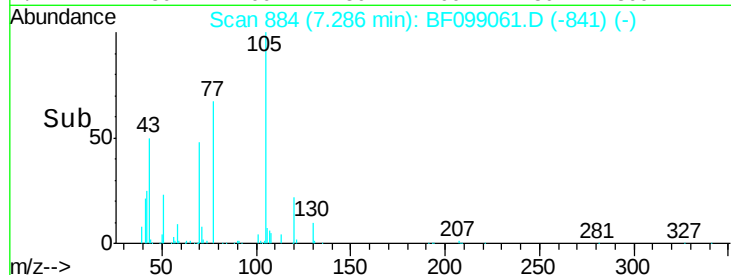
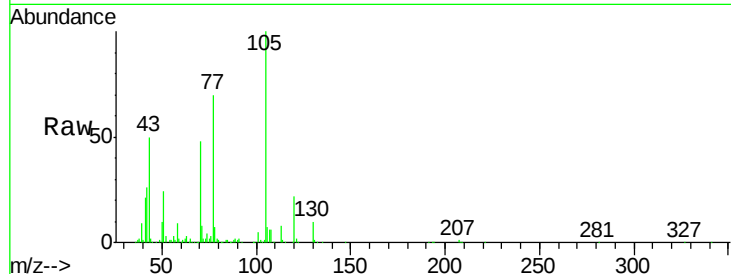
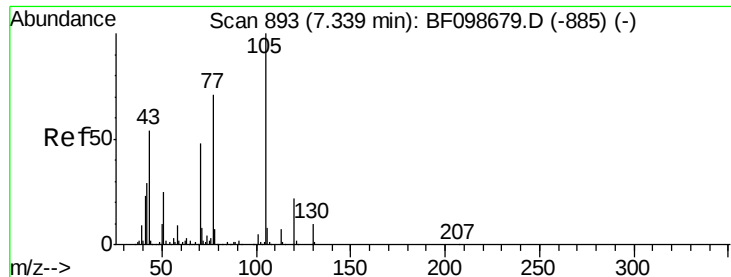
#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:117 Resp: 107224
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 90.6 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

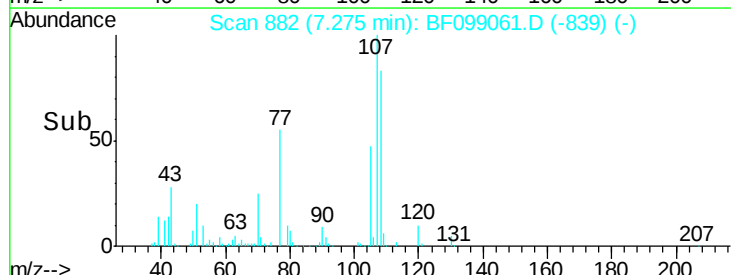
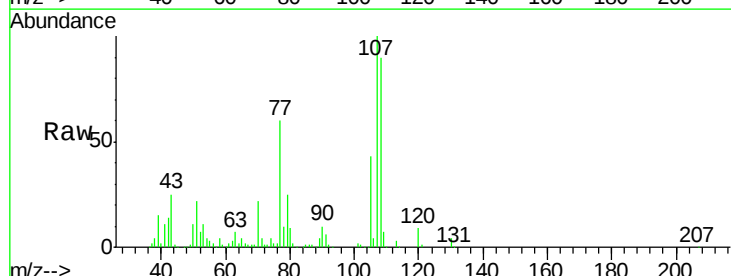
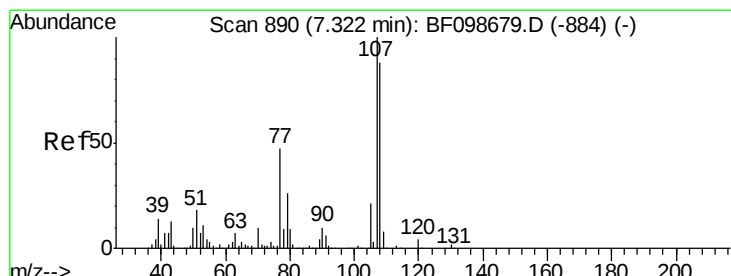
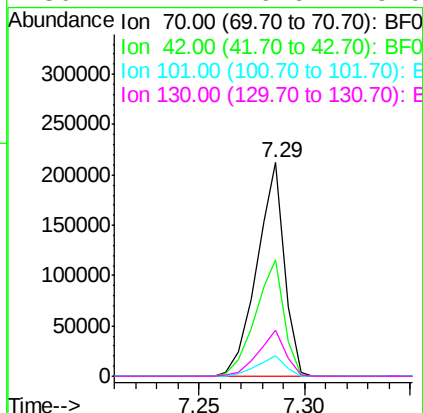




#19
n-Nitroso-di-n-propylamine
Concen: 36.57 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

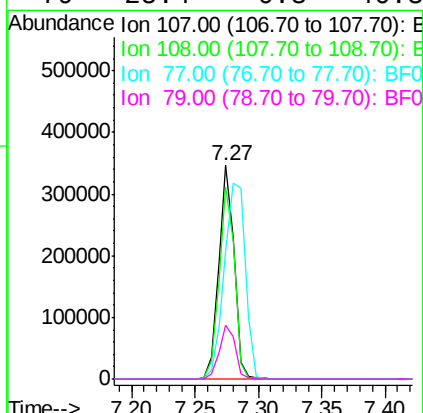
Instrument :
BNA_F
ClientSampleId :

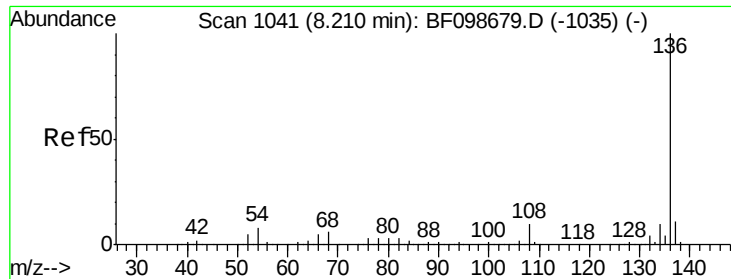
Tot Ion:	70	Resp:	191597
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.8	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.05 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:	107	Resp:	296646
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	60.2	26.7	66.7
79	25.4	6.3	46.3

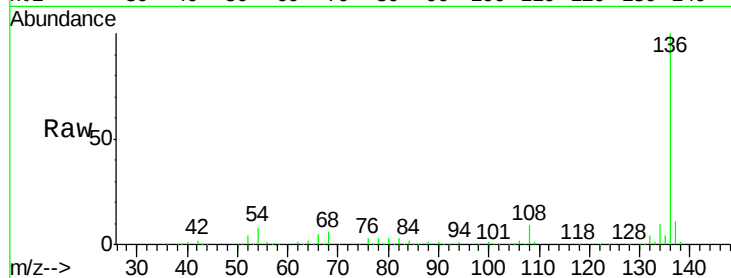




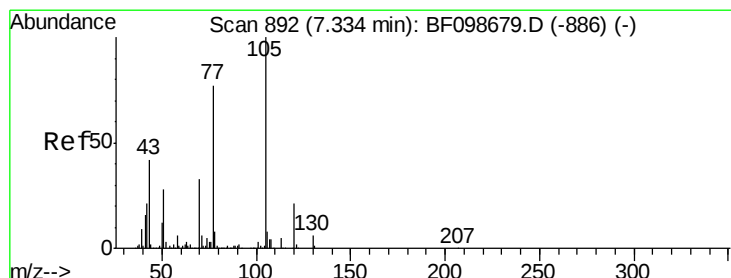
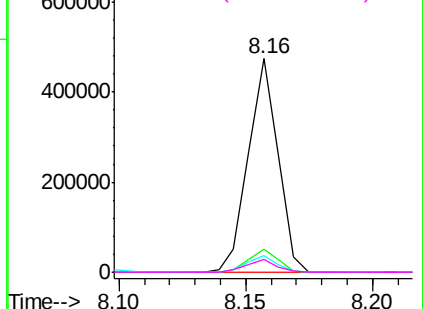
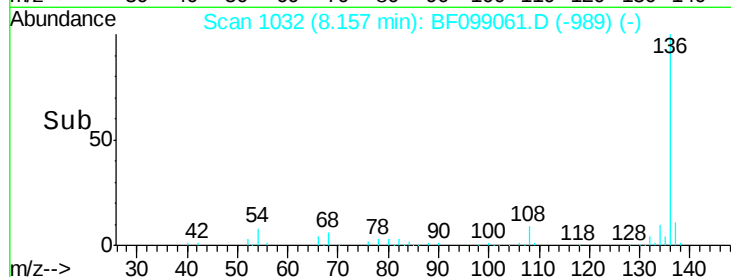
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	386734
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.8	6.6 9.8
68	6.0	5.0 7.4

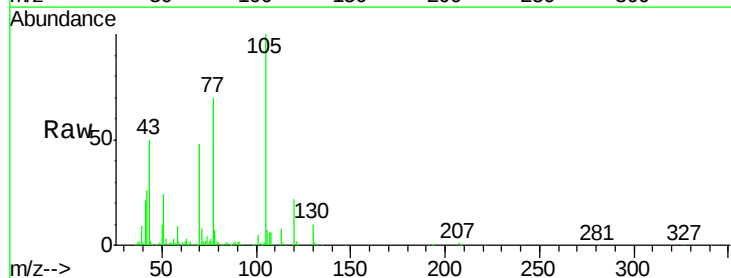


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

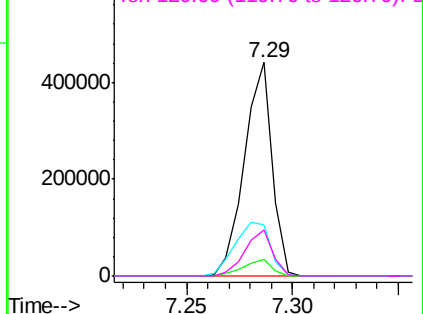
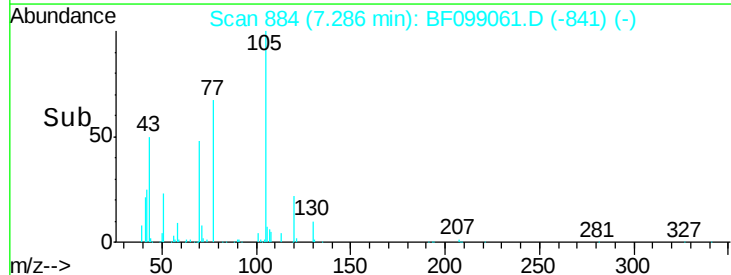


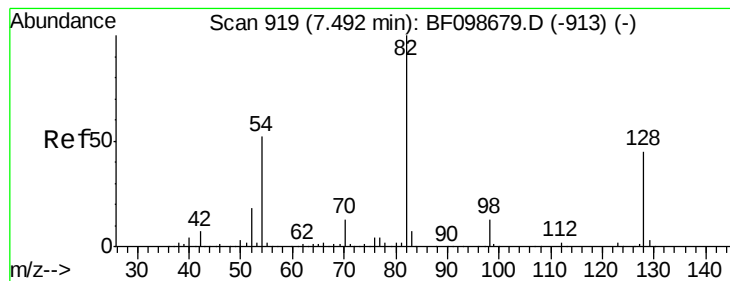
#22
Acetophenone
Concen: 42.88 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:105	Resp:	401755
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	24.1	22.3 33.5
120	21.7	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.06 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

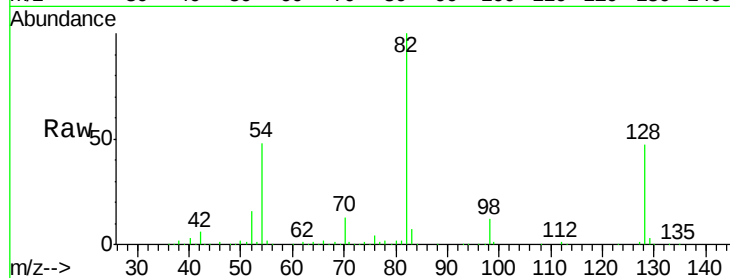
Tot Ion: 82 Resp: 537073

Ion Ratio Lower Upper

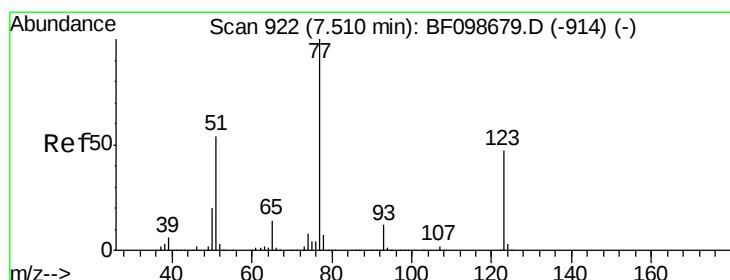
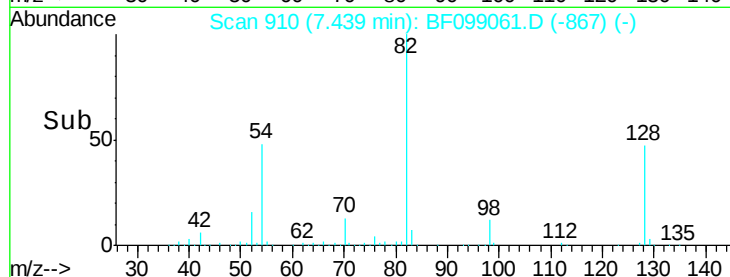
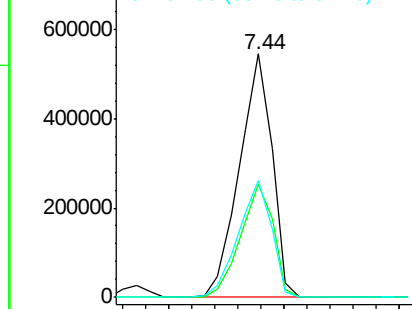
82 100

128 46.6 36.1 54.1

54 48.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.14 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

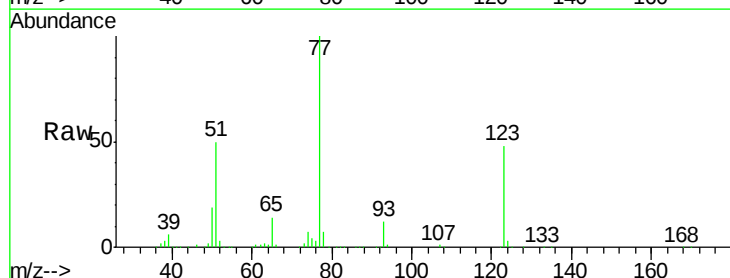
Tgt Ion: 77 Resp: 295109

Ion Ratio Lower Upper

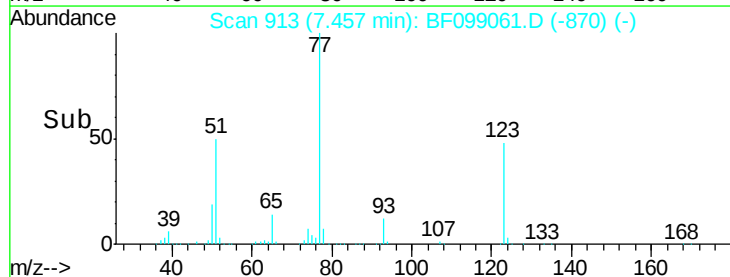
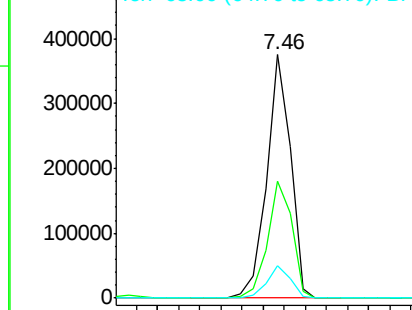
77 100

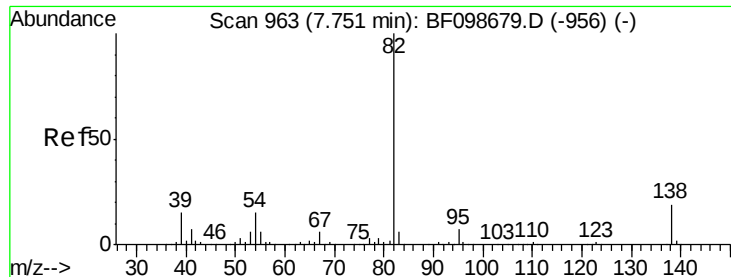
123 48.2 37.9 56.9

65 13.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.46 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

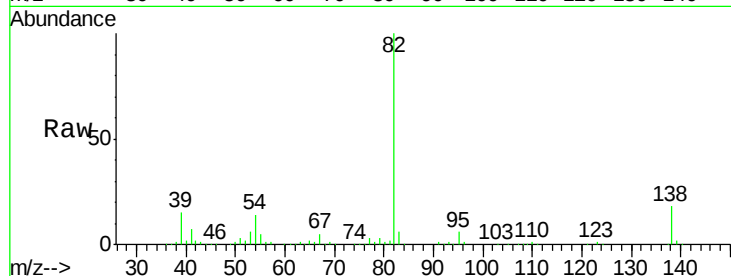
Tot Ion: 82 Resp: 504412

Ion Ratio Lower Upper

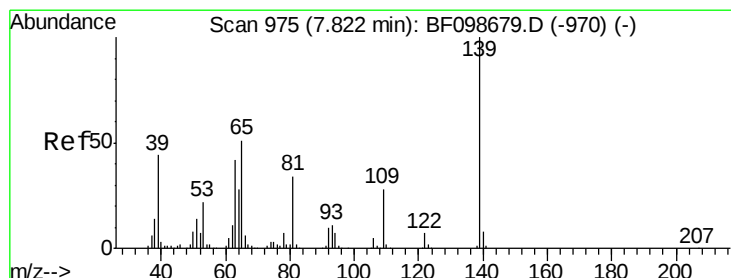
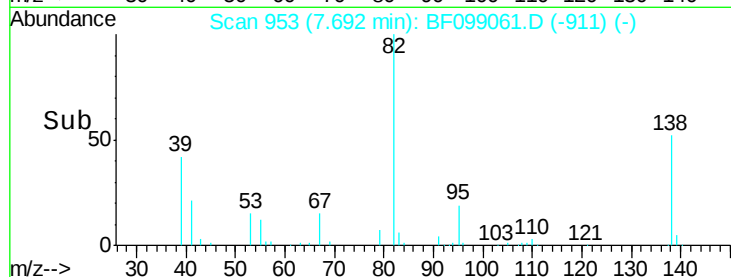
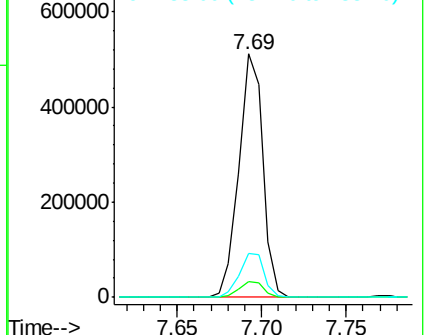
82 100

95 6.5 5.2 7.8

138 18.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.34 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

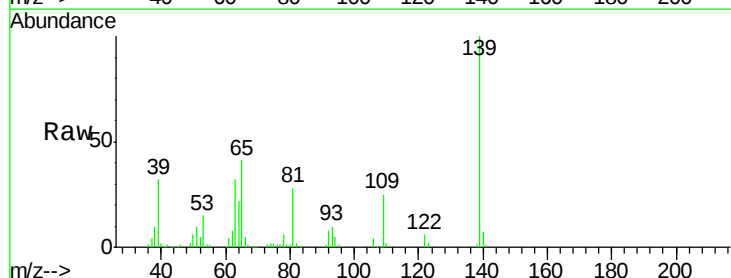
Tgt Ion: 139 Resp: 149145

Ion Ratio Lower Upper

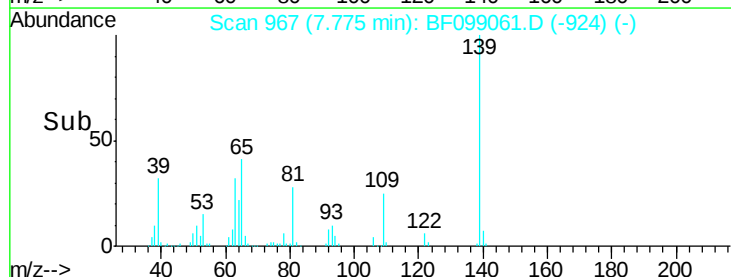
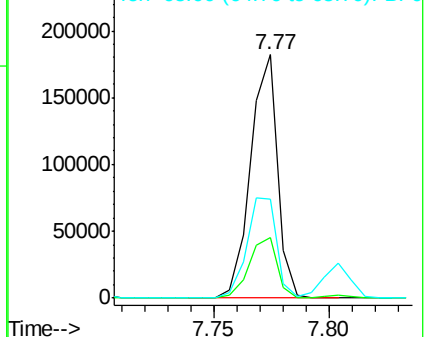
139 100

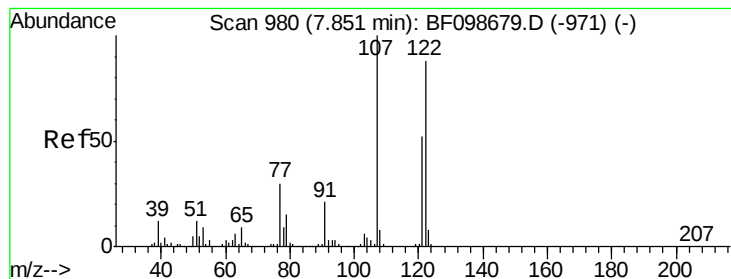
109 25.1 22.7 34.1

65 40.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.42 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

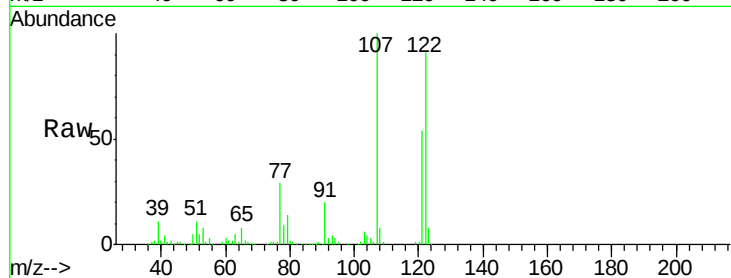
Tot Ion:122 Resp: 251076

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

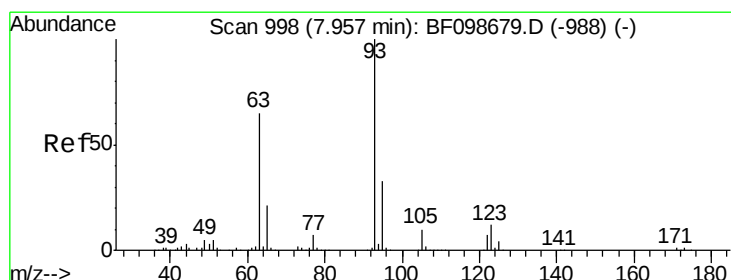
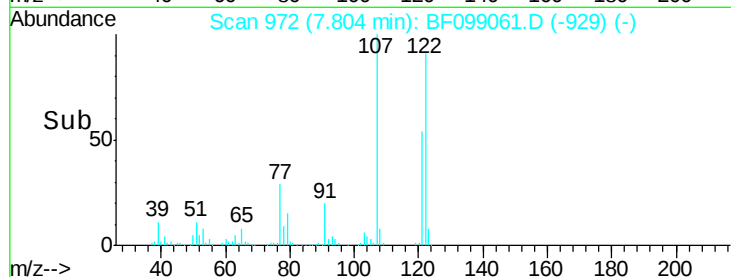
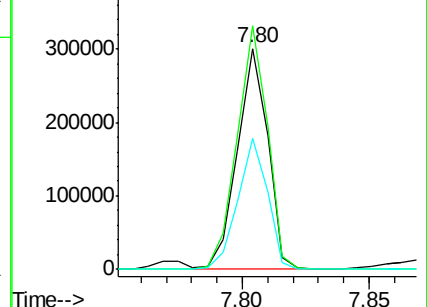
121 59.5 47.2 70.8



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: 43.12 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

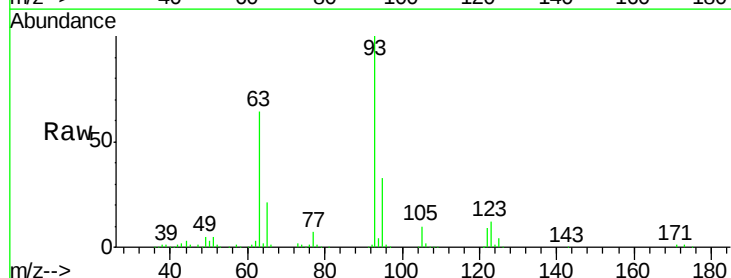
Tgt Ion: 93 Resp: 335070

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

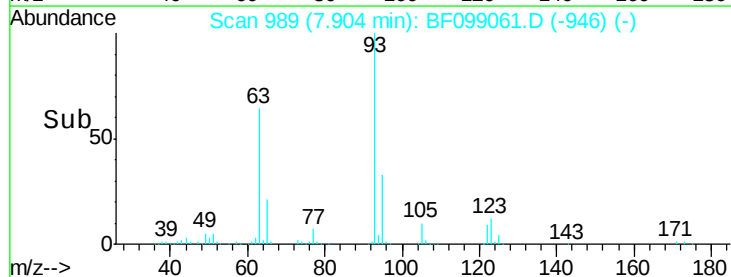
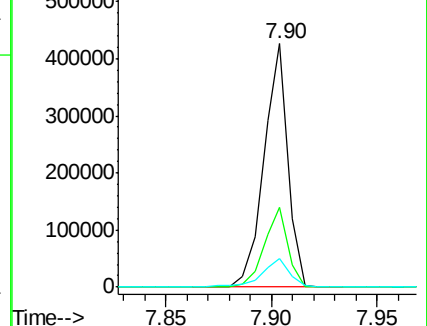
123 12.0 9.8 14.6

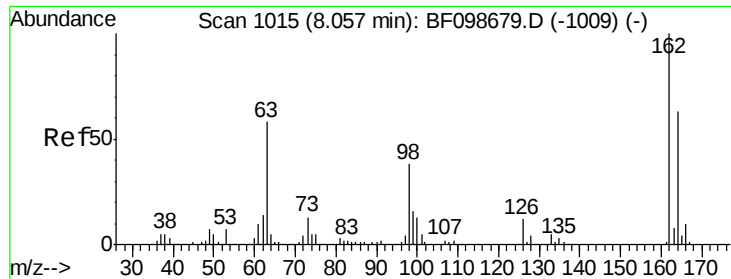


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

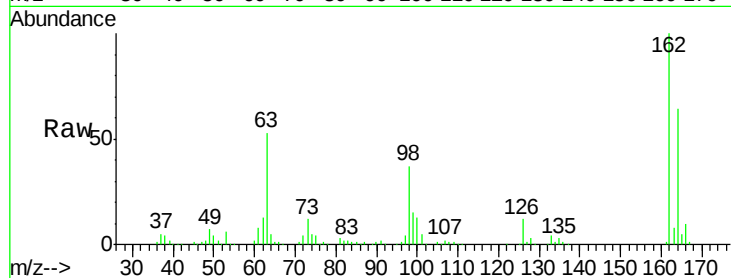




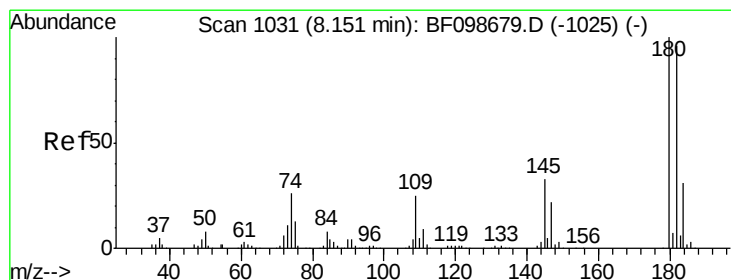
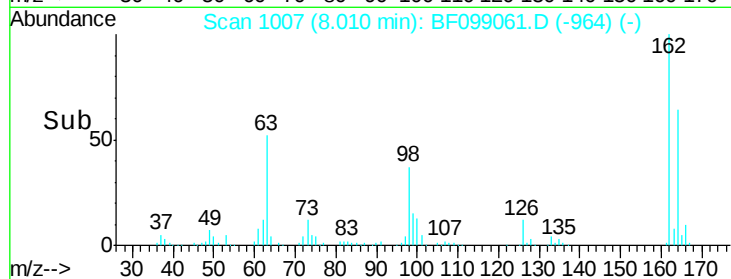
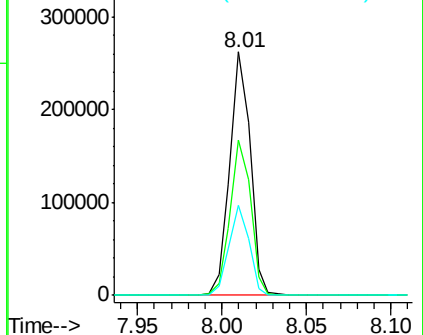
#29
 2,4-Dichlorophenol
 Concen: 41.50 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 221336
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 36.8 18.1 58.1

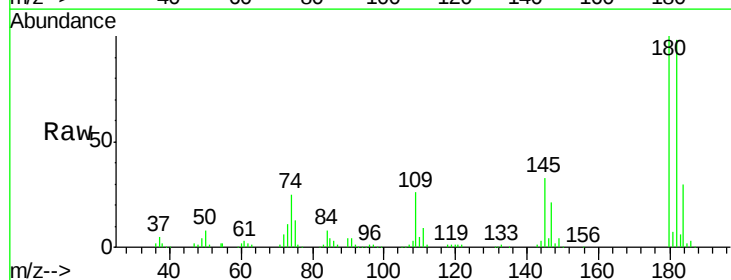


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

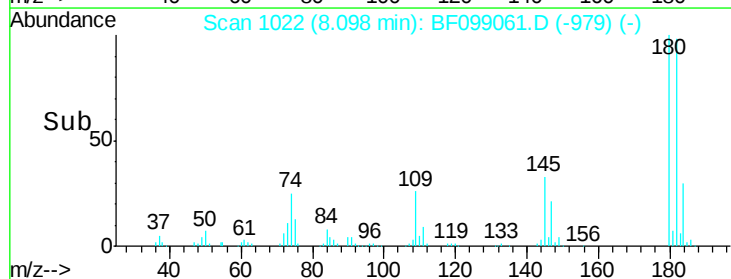
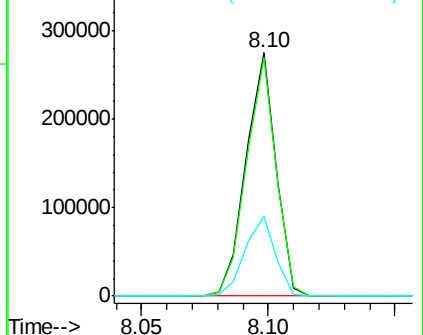


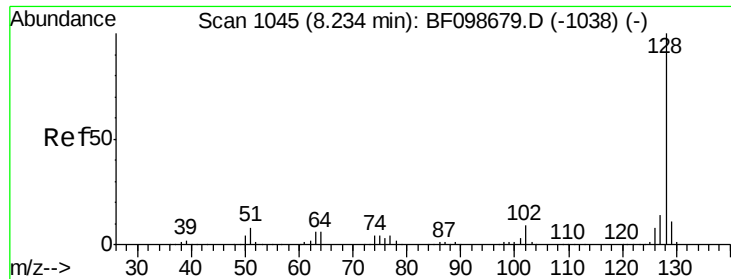
#30
 1,2,4-Trichlorobenzene
 Concen: 42.36 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:180 Resp: 225951
 Ion Ratio Lower Upper
 180 100
 182 98.2 76.8 115.2
 145 32.7 26.5 39.7



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

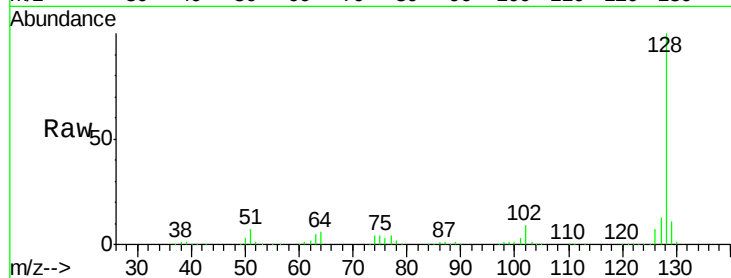




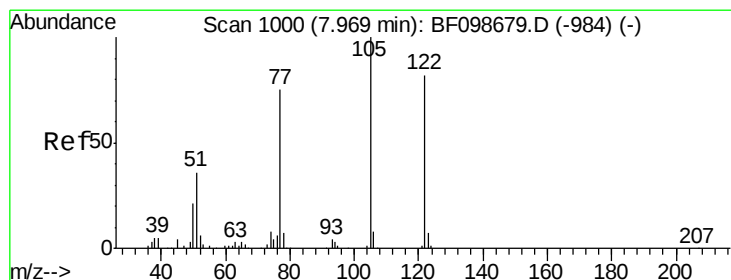
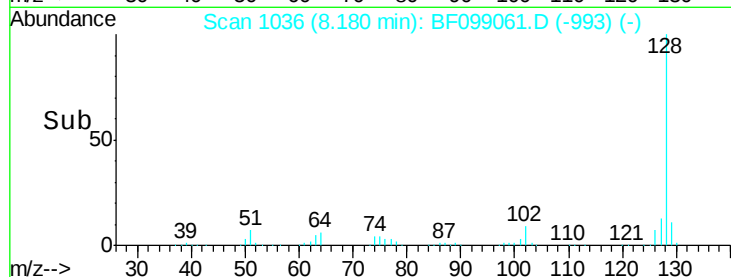
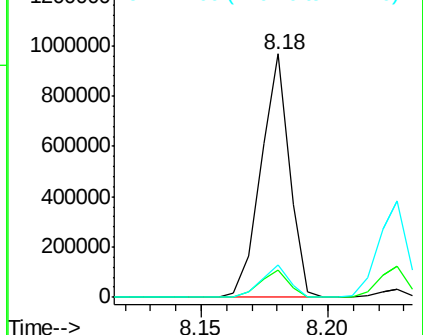
#31
Naphthalene
Concen: 41.72 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 757746
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

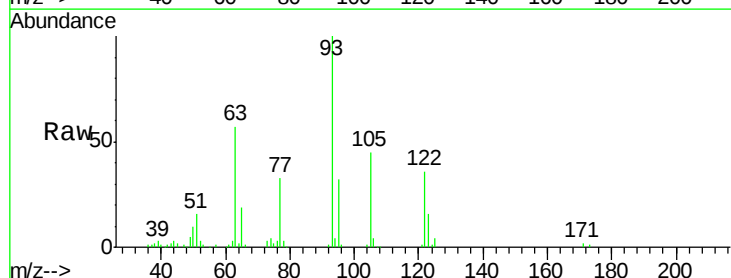


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

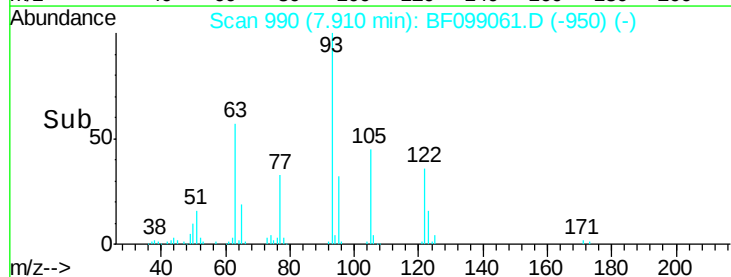
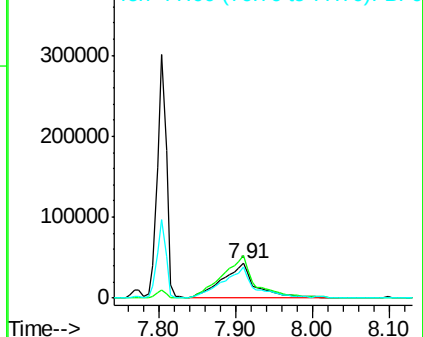


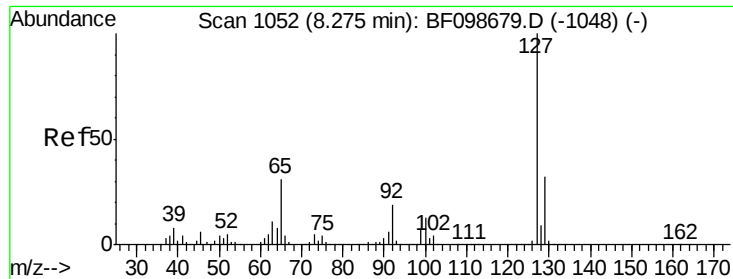
#32
Benzoic acid
Concen: 24.58 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.06 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:122 Resp: 125426
Ion Ratio Lower Upper
122 100
105 125.0 101.1 141.1
77 91.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

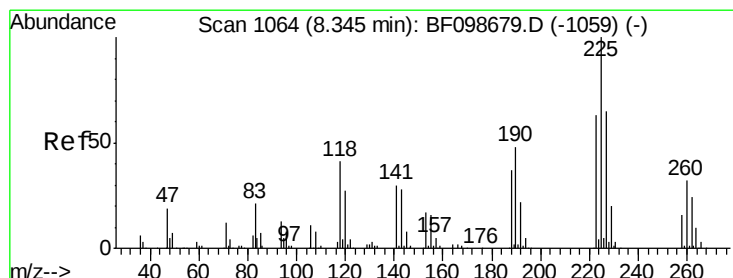
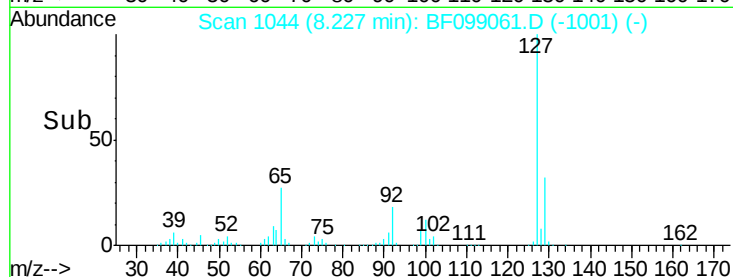
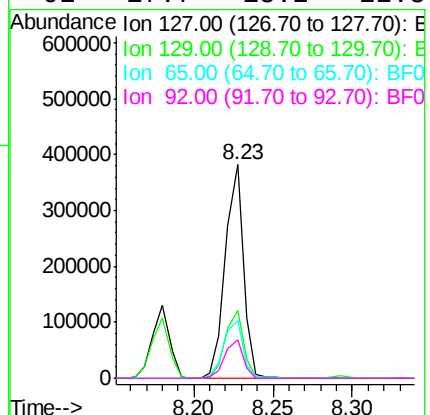
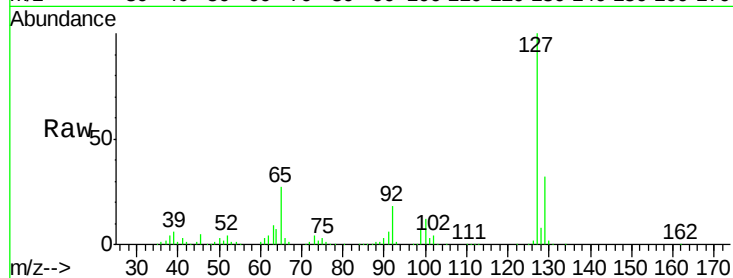




#33
4-Chloroaniline
Concen: 40.11 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

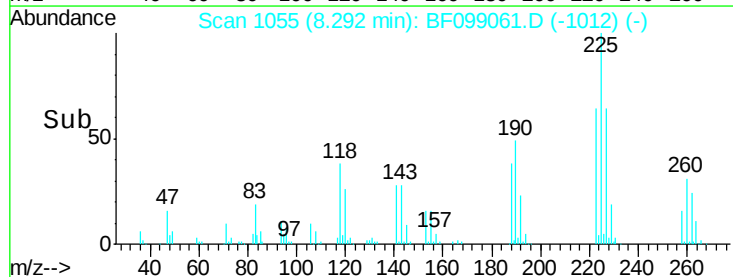
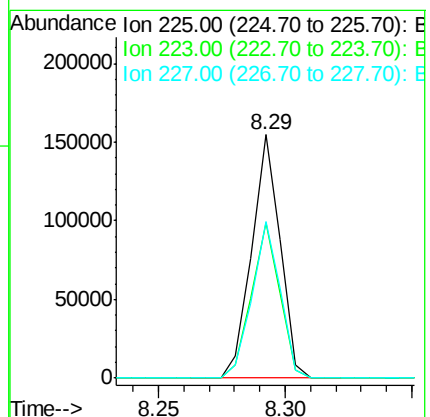
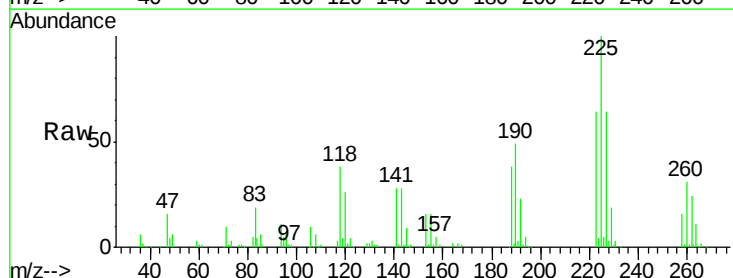
Instrument :
BNA_F
ClientSampleId :

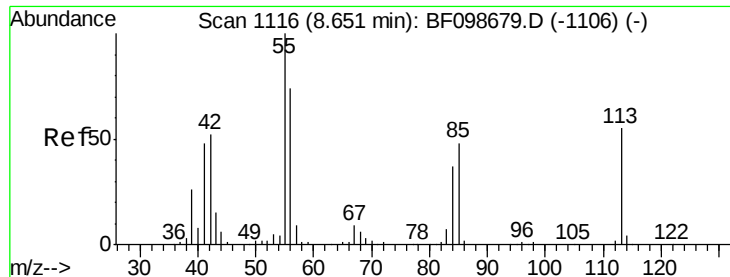
Tot Ion:	127	Resp:	304266
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.8	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.92 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:	225	Resp:	120692
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.3	51.9	77.9

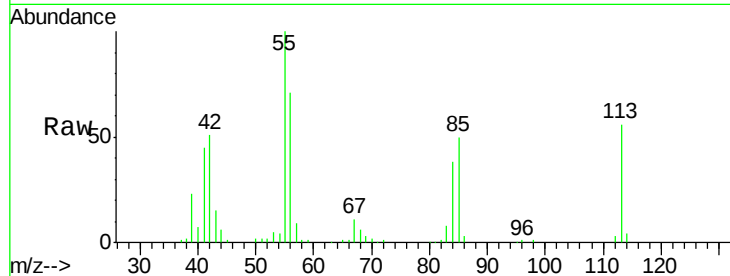




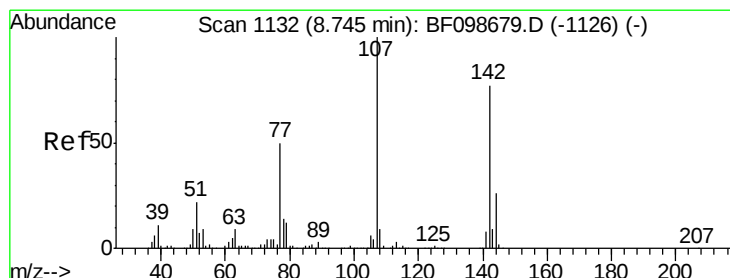
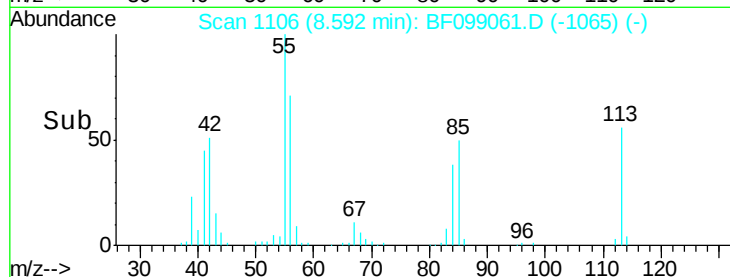
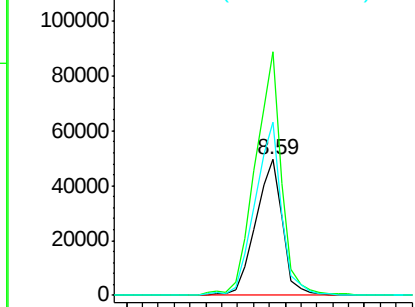
#35
 Caprolactam
 Concen: 34.12 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.06 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 58379
 Ion Ratio Lower Upper
 113 100
 55 179.6 163.3 203.3
 56 127.6 115.7 155.7

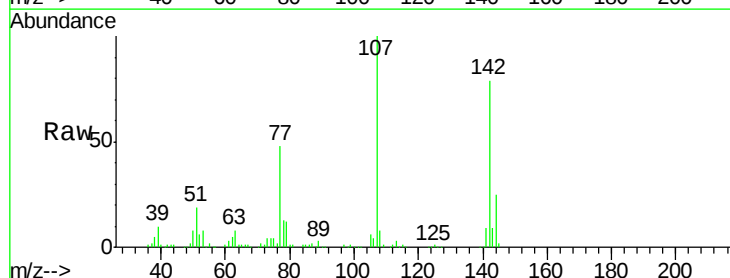


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

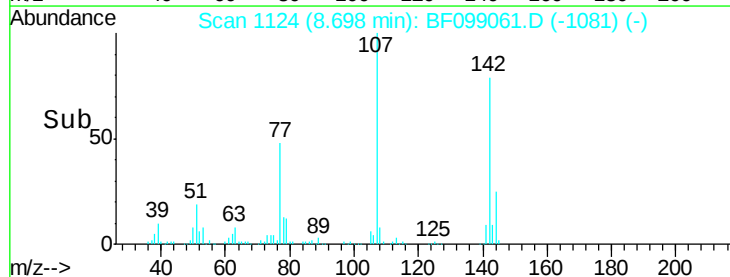
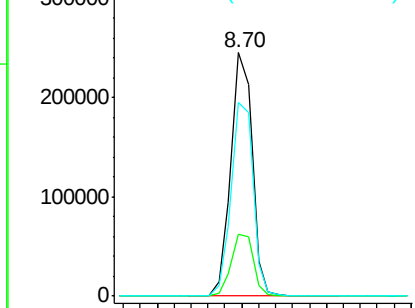


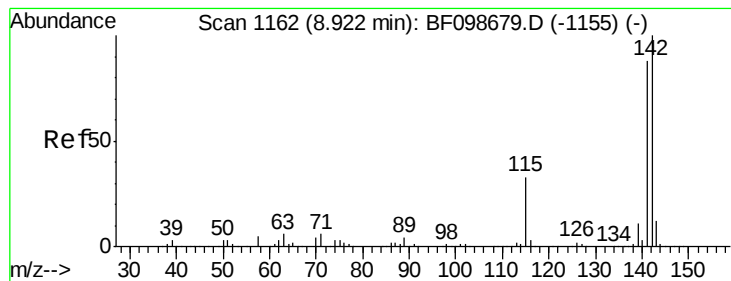
#36
 4-Chloro-3-methylphenol
 Concen: 36.11 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:107 Resp: 216503
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

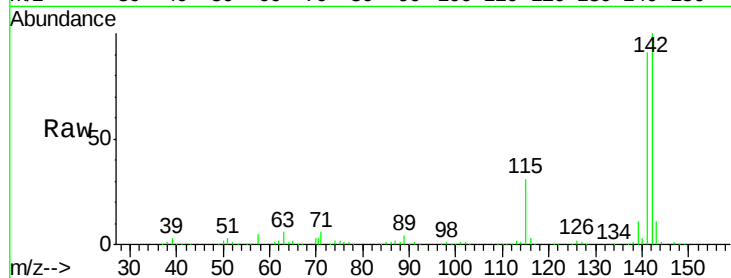




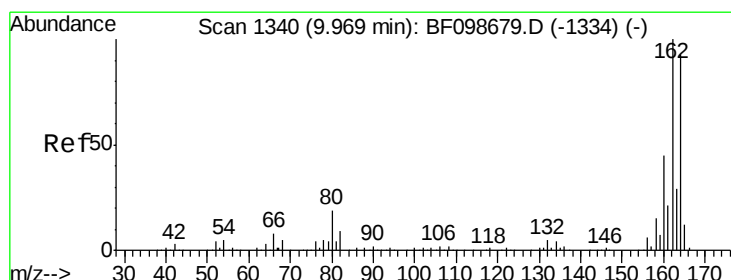
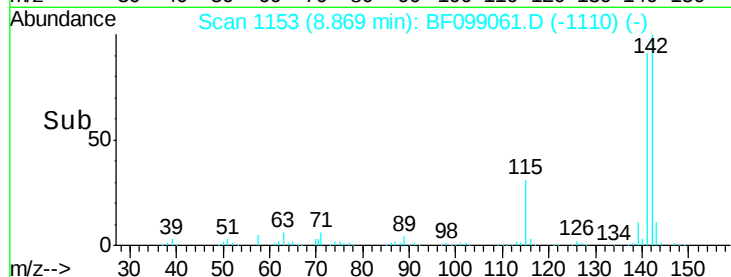
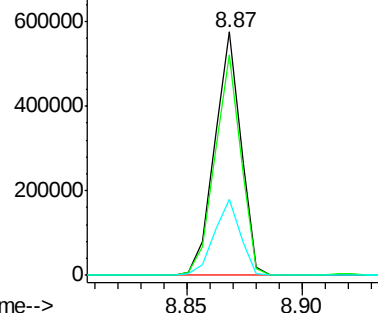
#37
 2-Methylnaphthalene
 Concen: 38.60 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 455772
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.8 106.2
 115 31.1 26.1 39.1

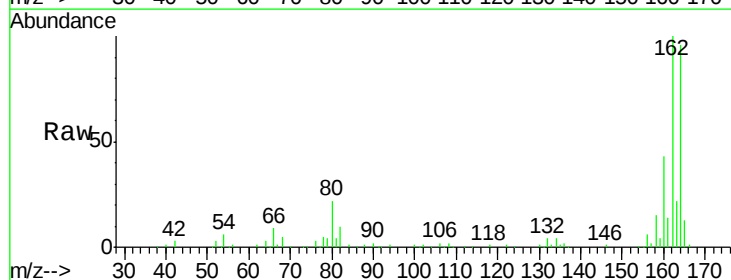


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

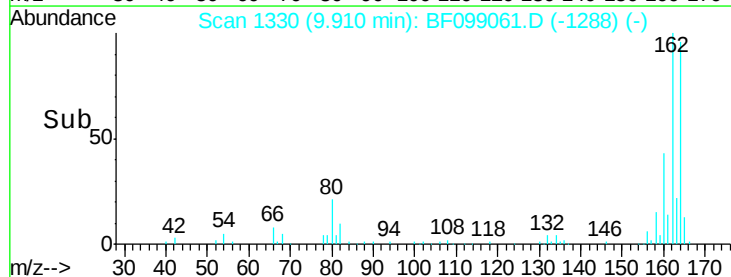
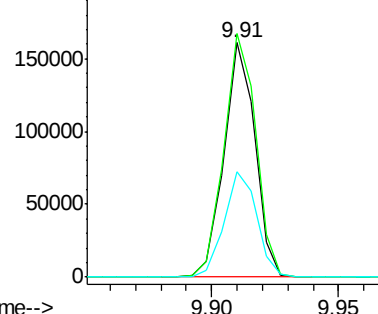


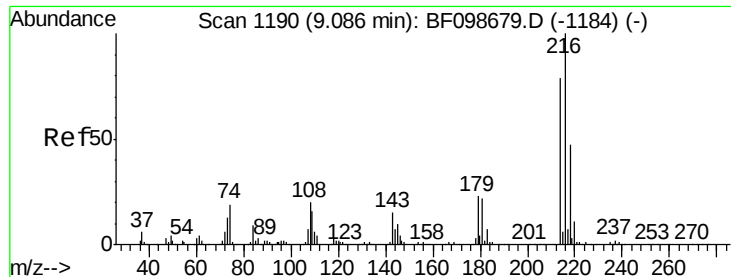
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:164 Resp: 137074
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

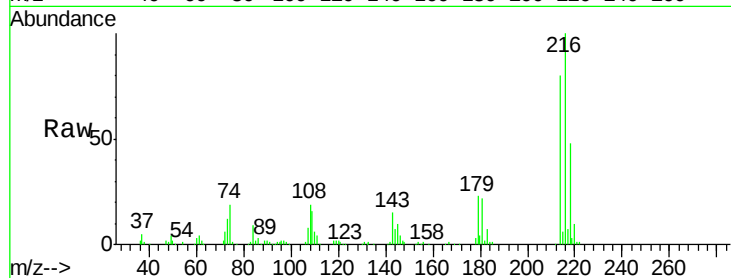




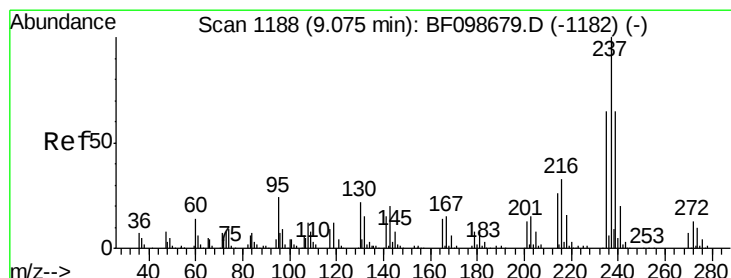
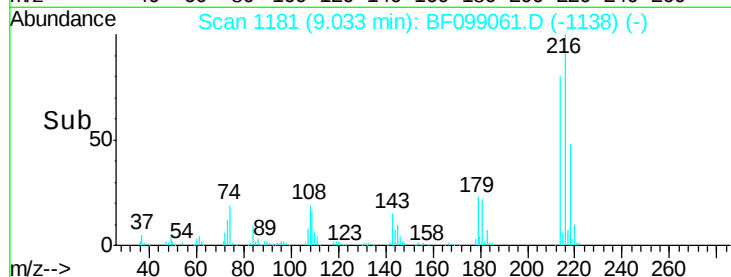
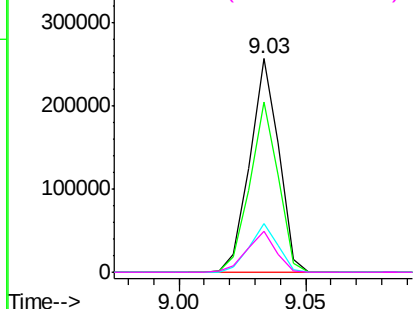
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.68 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	203095
Ion Ratio	Lower	Upper
216 100		
214 78.8	63.0	94.4
179 22.7	18.1	27.1
108 19.1	17.2	25.8

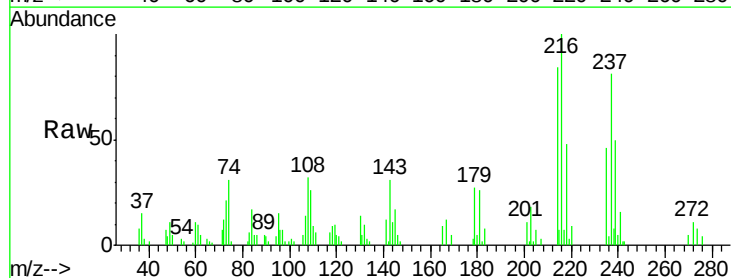


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

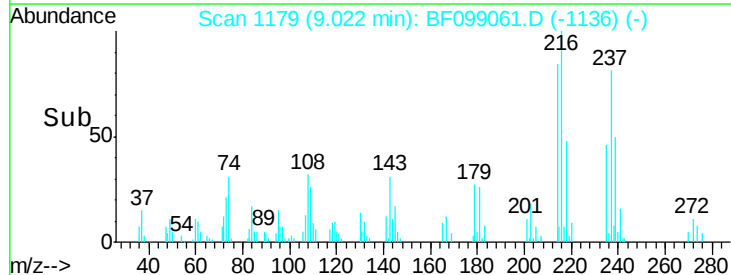
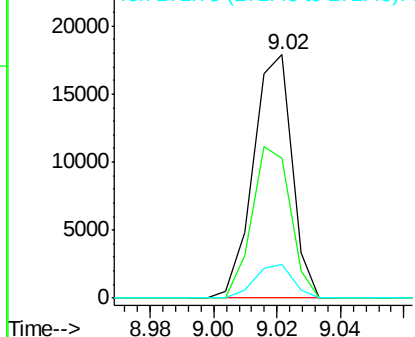


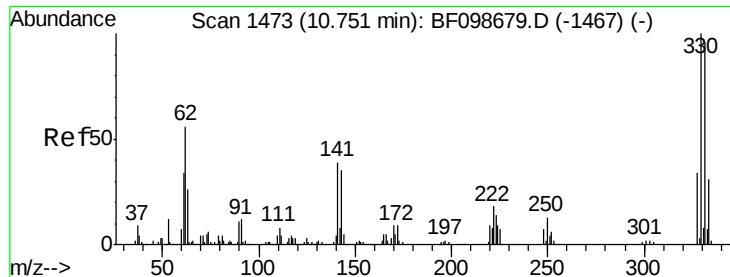
#40
 Hexachlorocyclopentadiene
 Concen: 8.13 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:237	Resp:	15195
Ion Ratio	Lower	Upper
237 100		
235 57.4	44.8	84.8
272 13.6	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

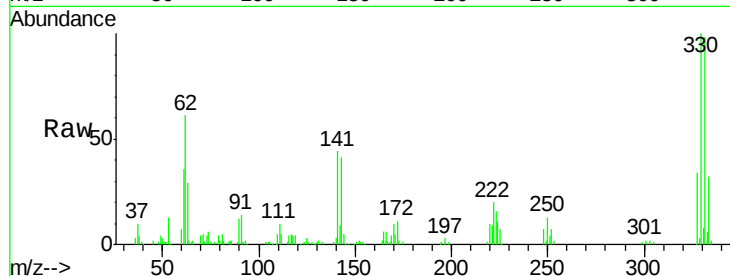




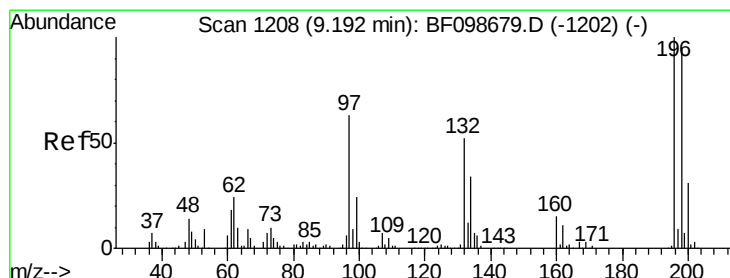
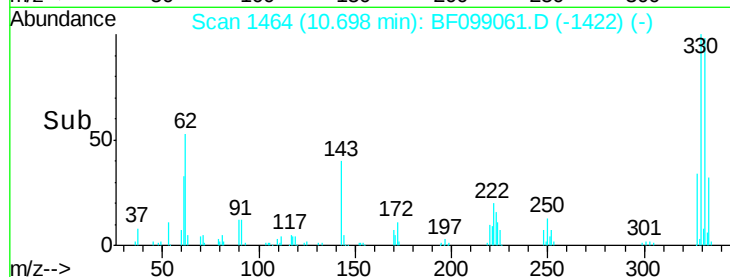
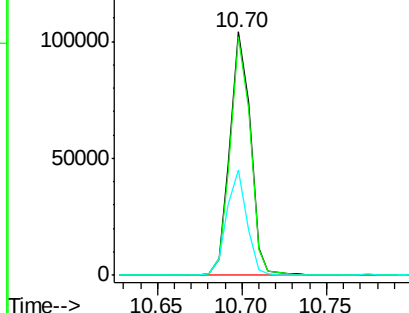
#41
 2,4,6-Tribromophenol
 Concen: 78.43 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 87974
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 43.0 29.9 44.9

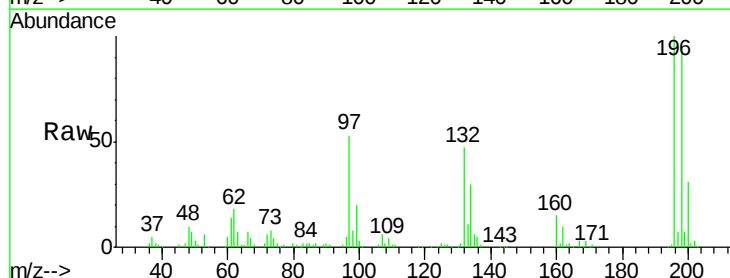


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

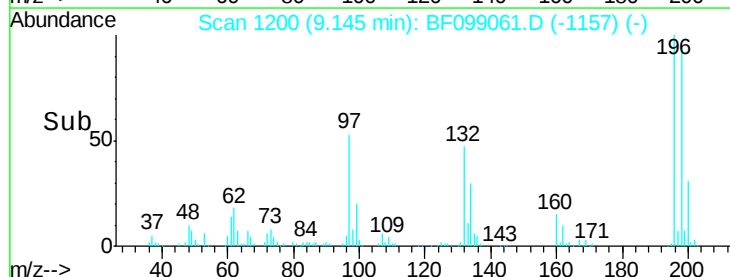
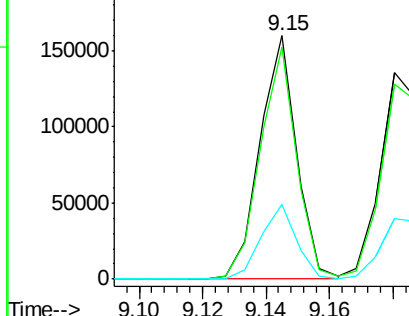


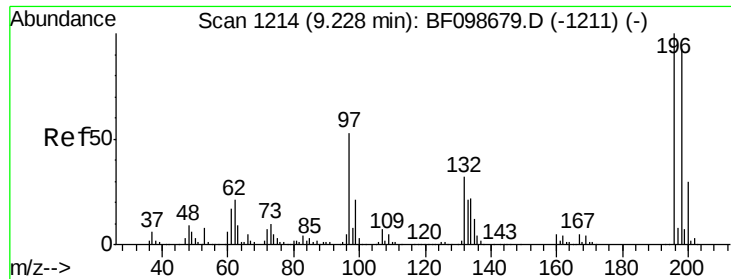
#42
 2,4,6-Trichlorophenol
 Concen: 44.41 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:196 Resp: 128604
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.7 24.5 36.7



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

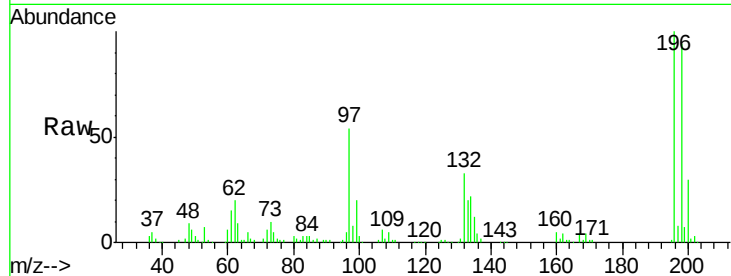




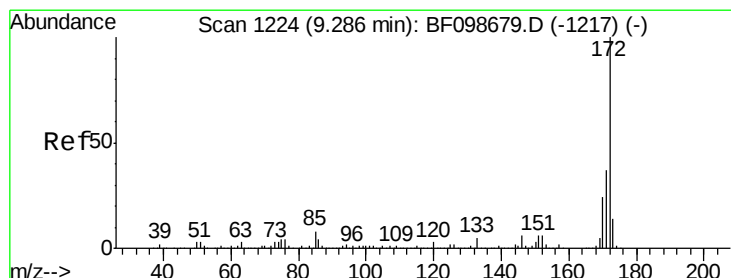
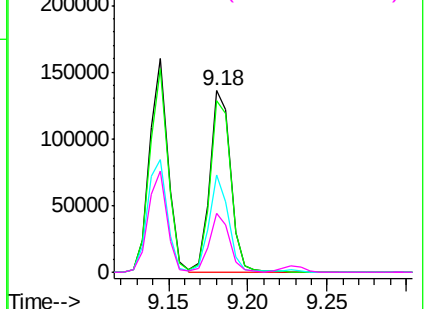
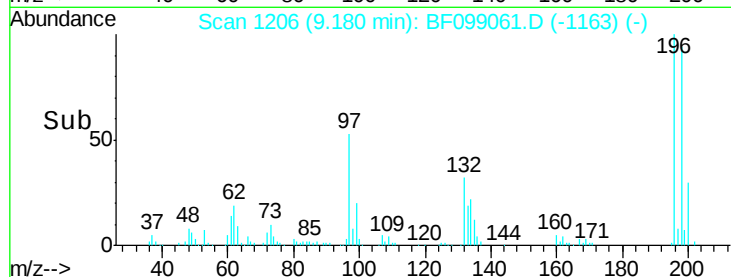
#43
 2,4,5-Trichlorophenol
 Concen: 43.27 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	125090
Ion Ratio	100	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	54.0	42.9	64.3
132	32.7	26.3	39.5

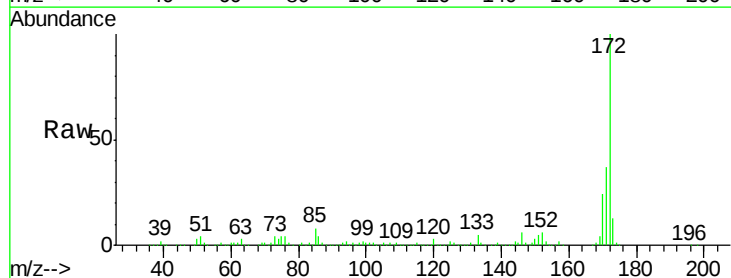


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

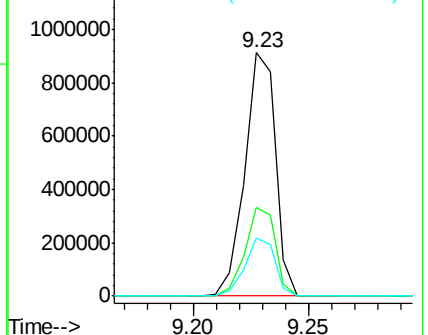
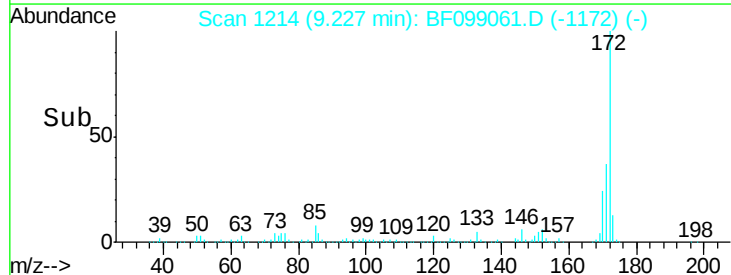


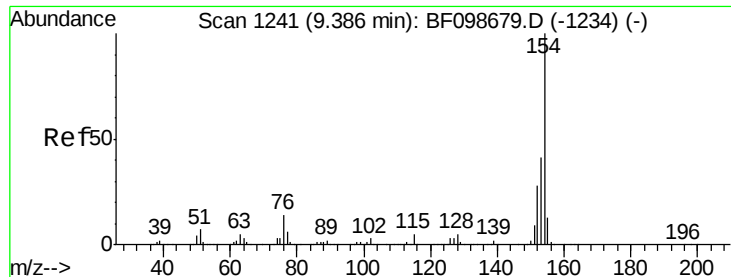
#44
 2-Fluorobiphenyl
 Concen: 103.45 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion	172	Resp	849391
Ion Ratio	100	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	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: 47.99 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

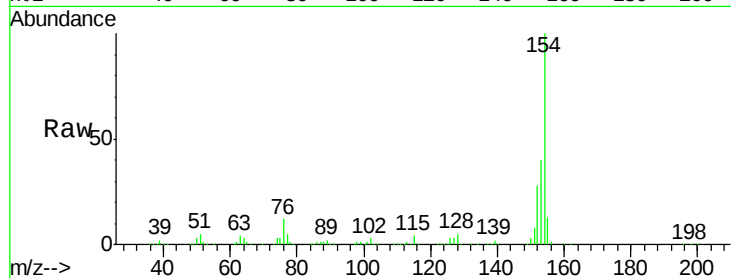
Tot Ion:154 Resp: 565402

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

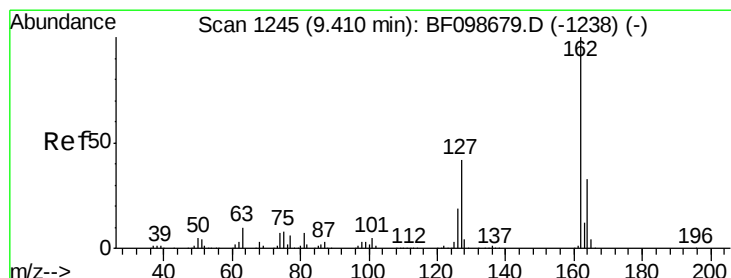
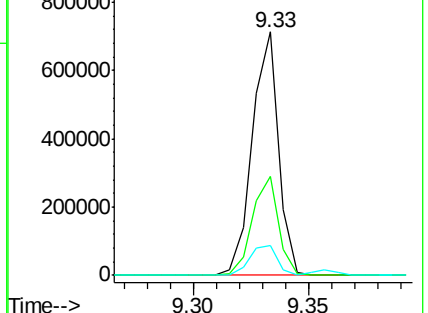
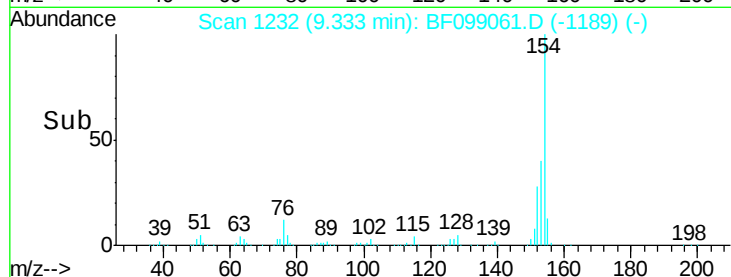
76 12.3 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 45.74 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

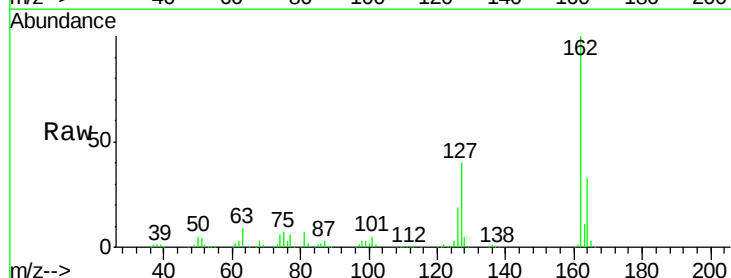
Tgt Ion:162 Resp: 404553

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

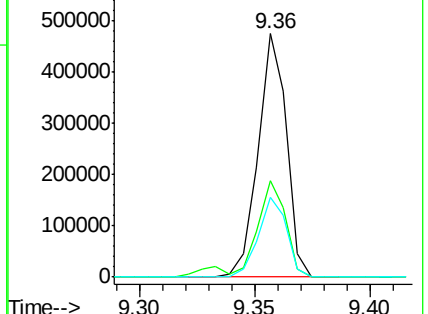
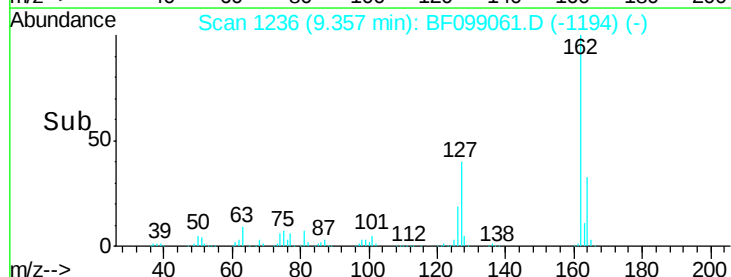
164 32.6 26.5 39.7

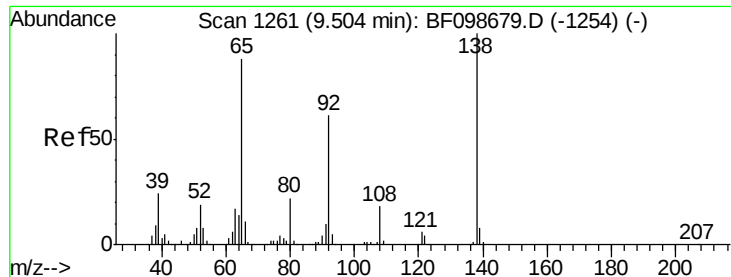


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.31 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

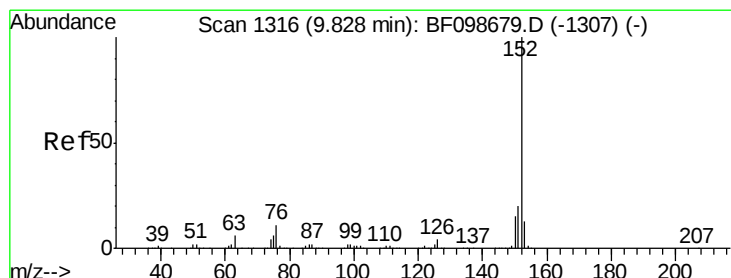
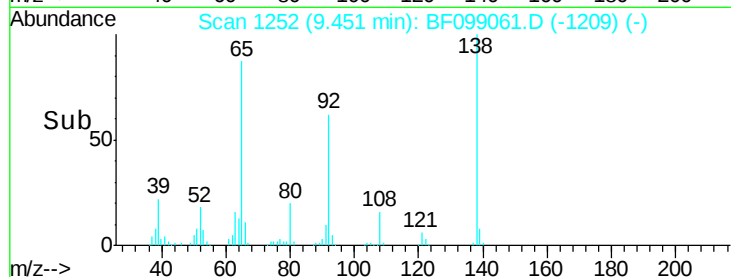
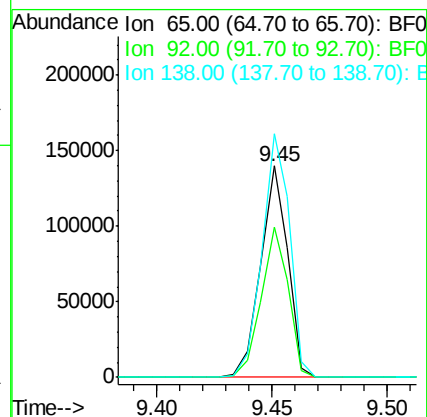
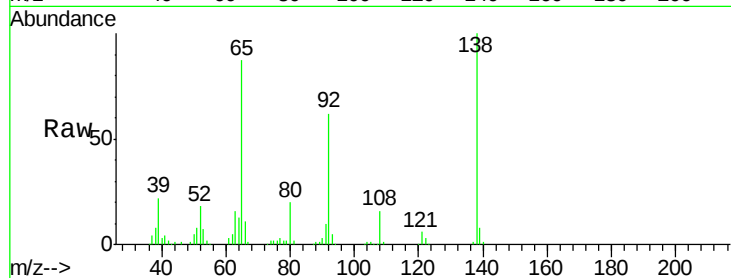
Tot Ion: 65 Resp: 114586

Ion Ratio Lower Upper

65 100

92 71.1 55.8 83.6

138 115.3 91.2 136.8



#48

Acenaphthylene

Concen: 43.09 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

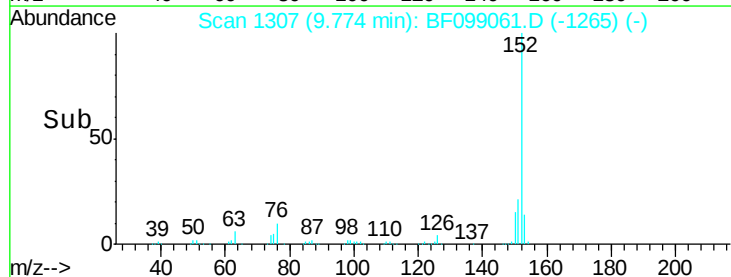
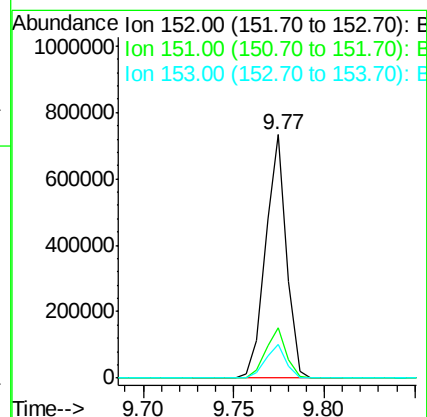
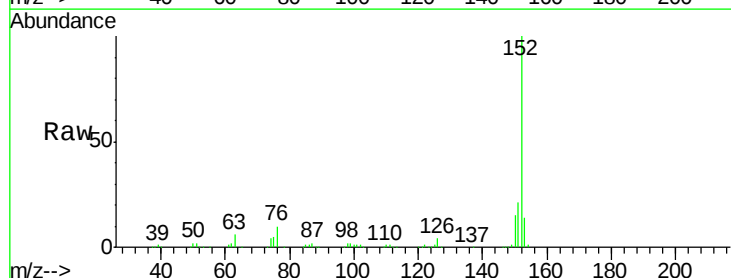
Tgt Ion: 152 Resp: 583480

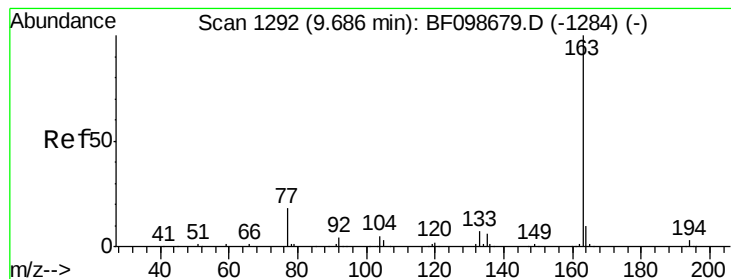
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 45.26 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

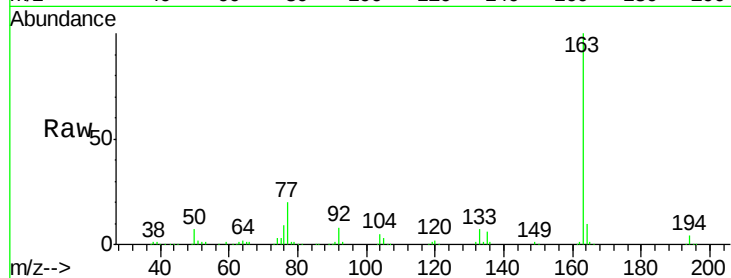
Tot Ion:163 Resp: 468226

Ion Ratio Lower Upper

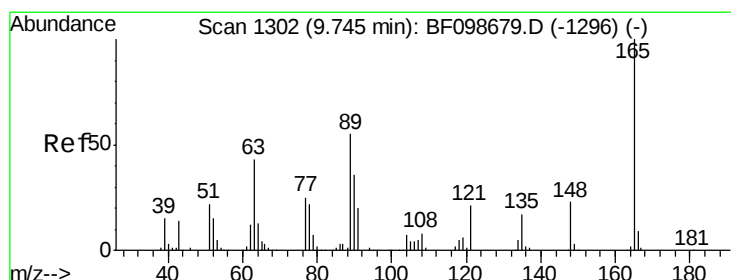
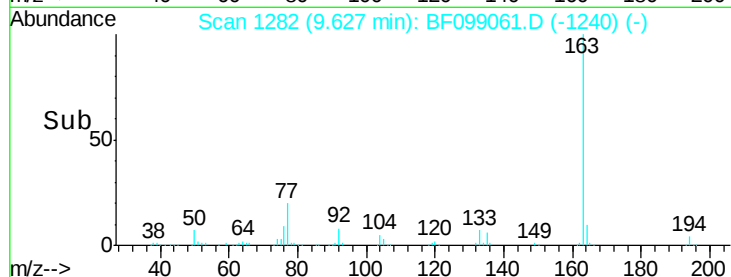
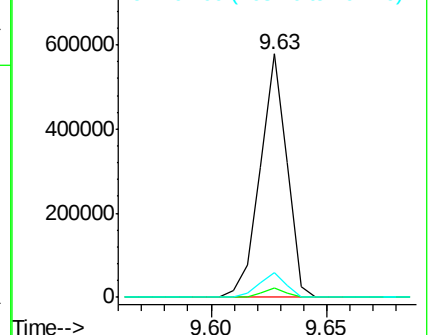
163 100

194 3.6 2.7 4.1

164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.83 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

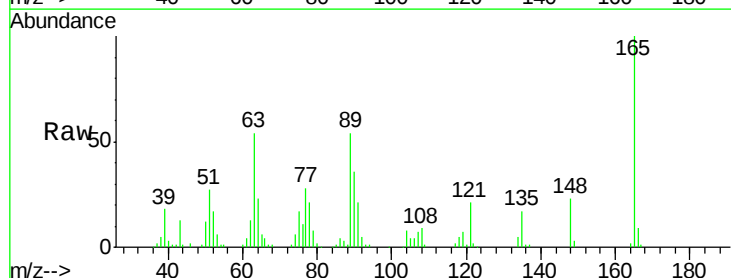
Tgt Ion:165 Resp: 96462

Ion Ratio Lower Upper

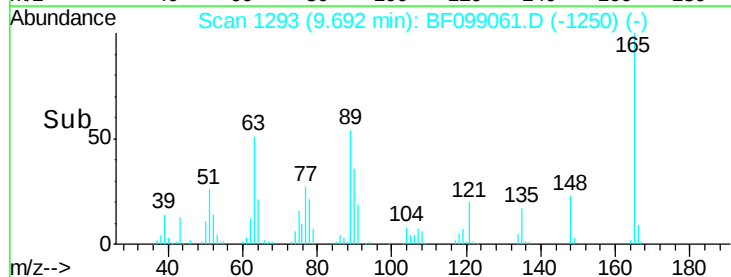
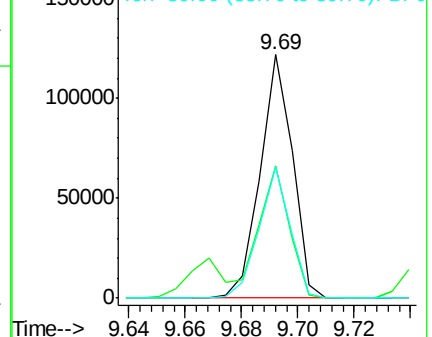
165 100

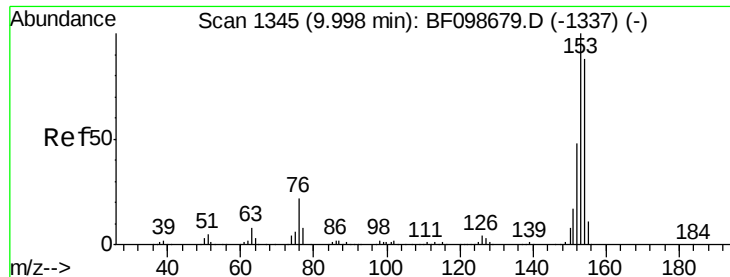
63 54.3 44.7 67.1

89 53.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.63 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

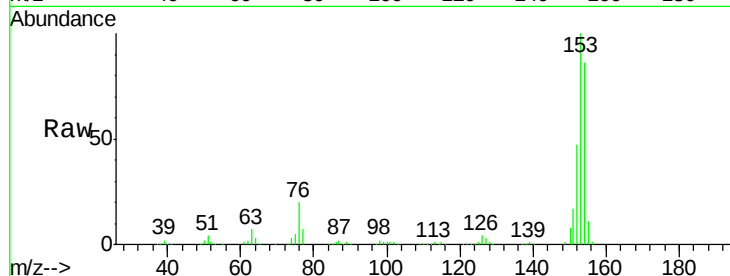
Tot Ion:154 Resp: 348453

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

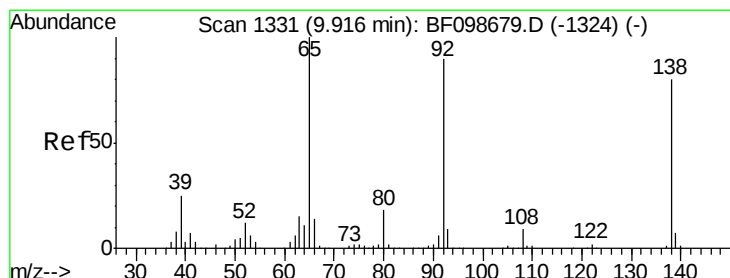
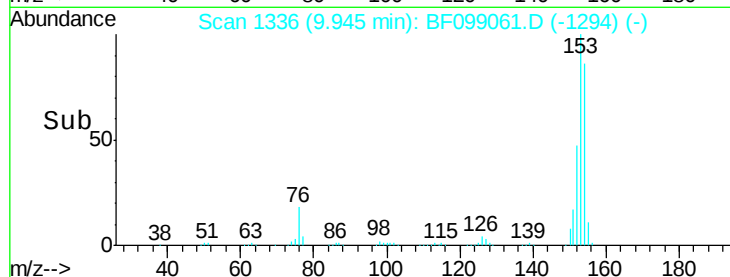
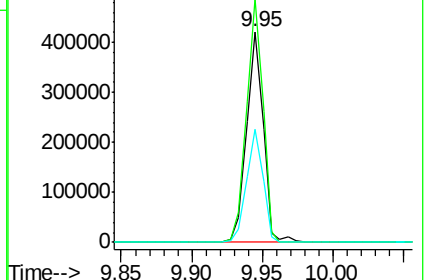
152 53.8 43.8 65.8



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: 41.79 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

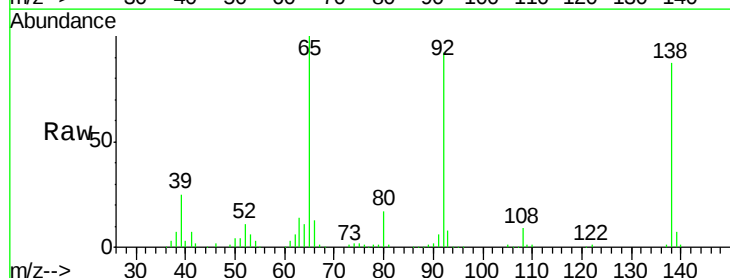
Tgt Ion:138 Resp: 109755

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

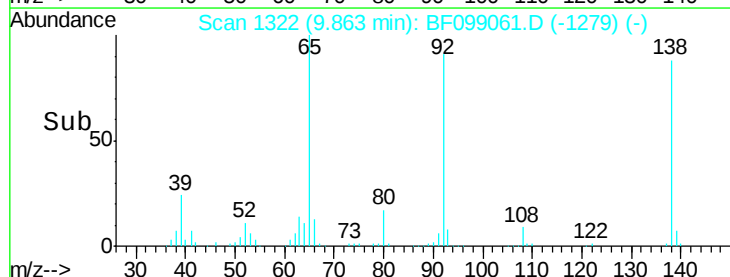
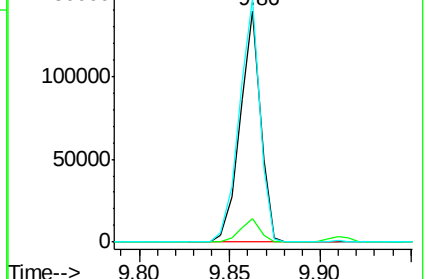
92 105.4 89.4 134.2

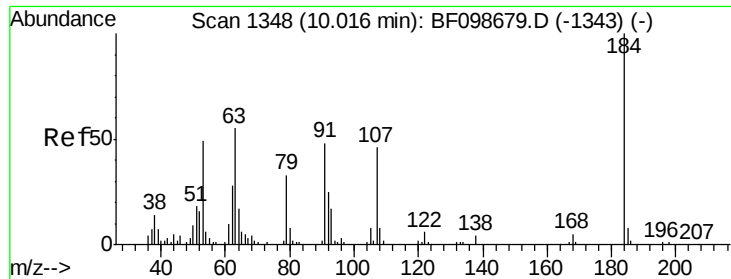


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

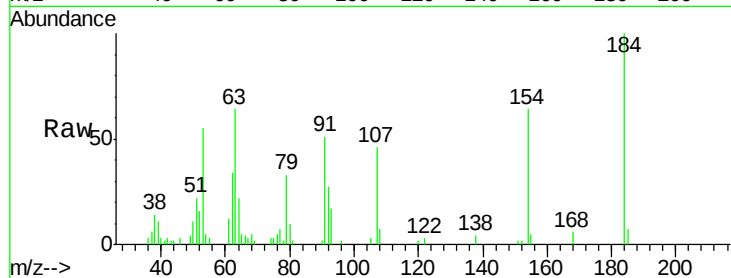




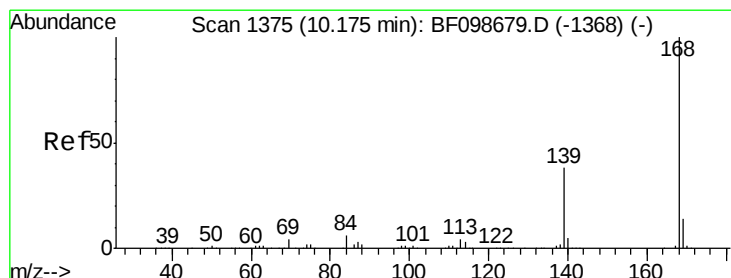
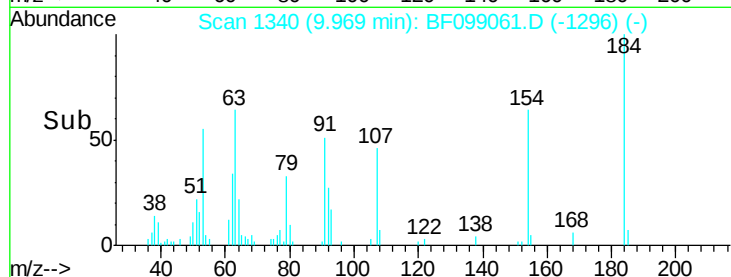
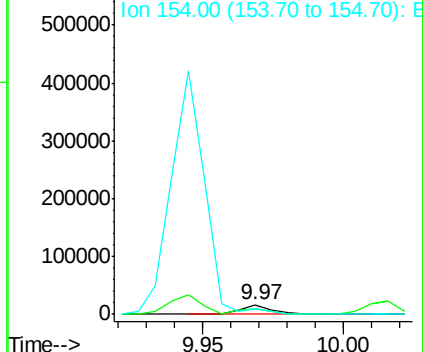
#53
 2,4-Dinitrophenol
 Concen: 15.81 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.04 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 12620
 Ion Ratio Lower Upper
 184 100
 63 64.1 54.2 81.2
 154 64.2 53.5 80.3

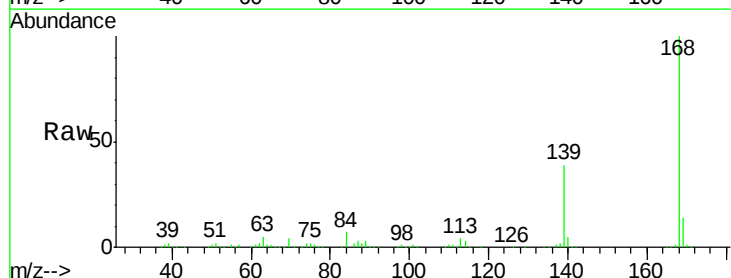


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

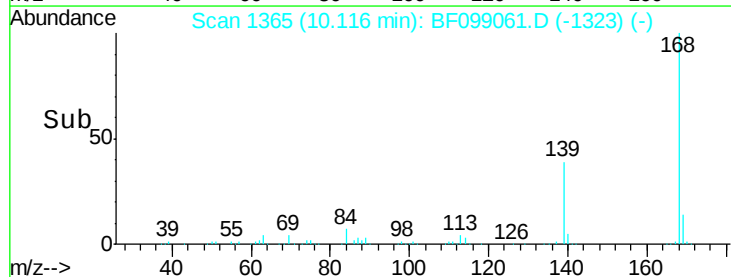
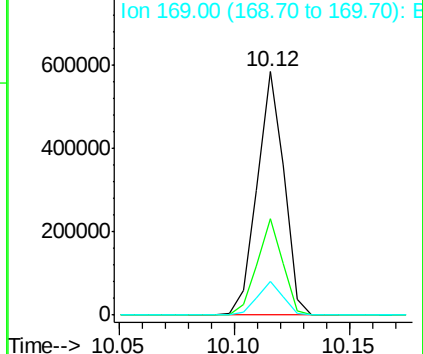


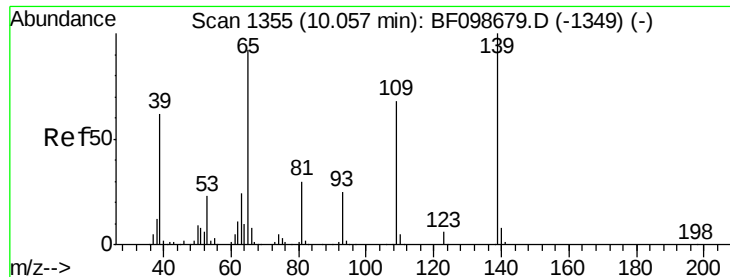
#54
 Dibenzofuran
 Concen: 41.61 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:168 Resp: 475225
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.6 10.9 16.3



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

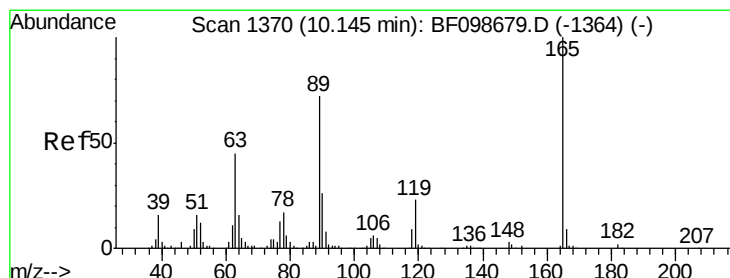
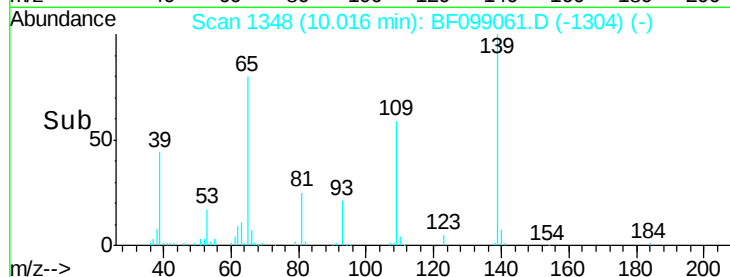
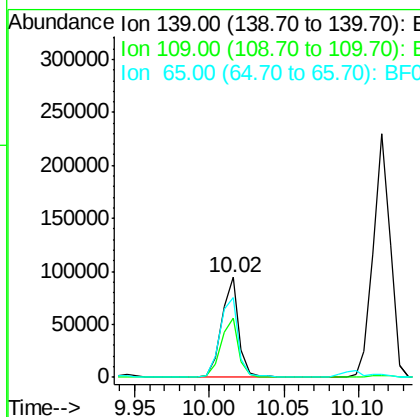
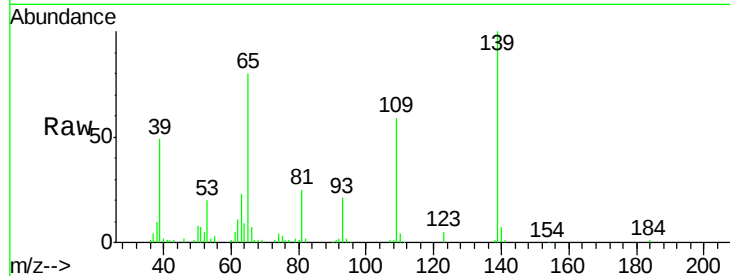




#55
4-Nitrophenol
Concen: 34.60 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

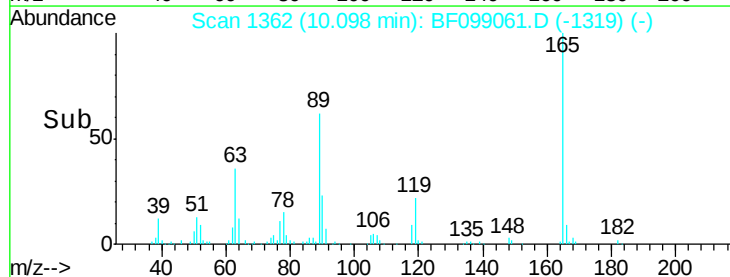
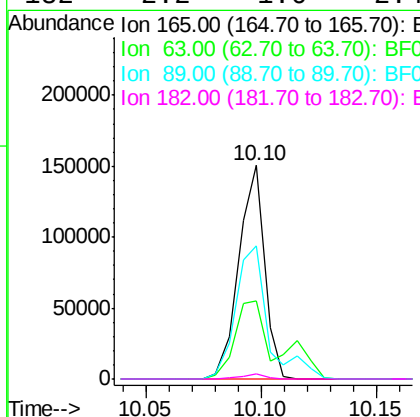
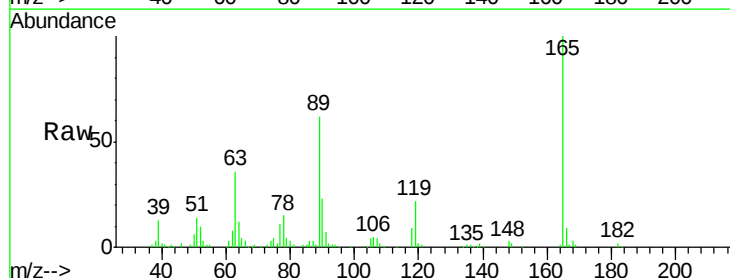
Instrument :
BNA_F
ClientSampleId :

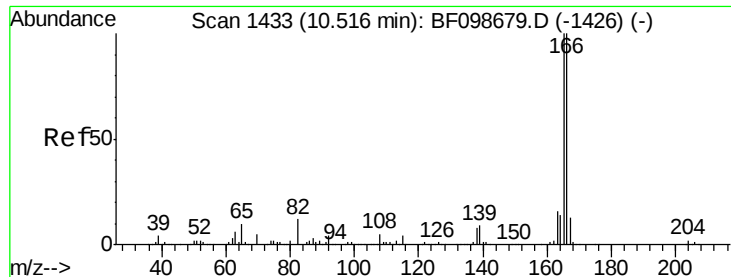
Tot Ion:139 Resp: 76827
Ion Ratio Lower Upper
139 100
109 58.9 48.4 88.4
65 80.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.32 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:165 Resp: 117865
Ion Ratio Lower Upper
165 100
63 36.4 36.4 54.6#
89 62.4 57.8 86.6
182 2.2 1.6 2.4

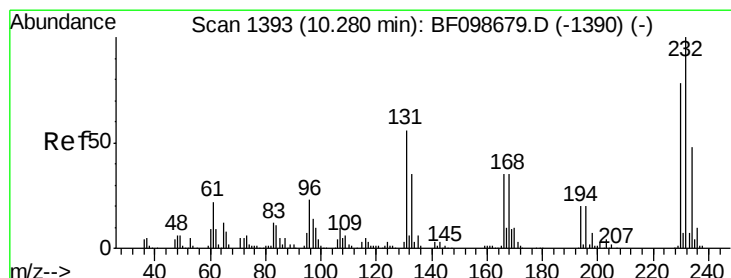
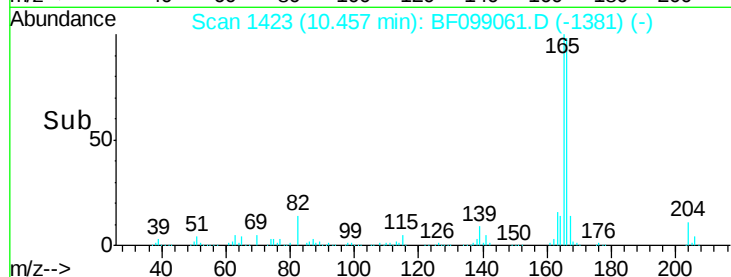
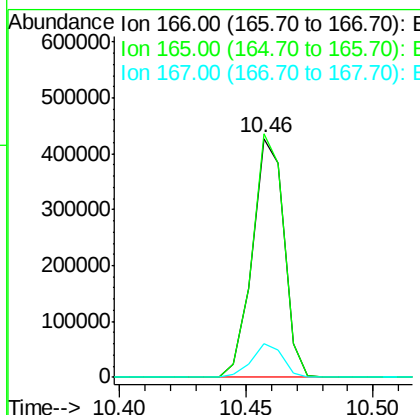
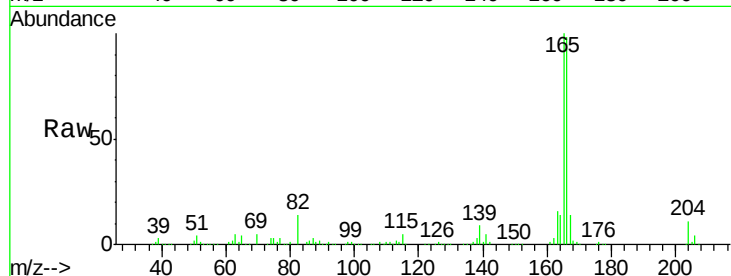




#57
 Fluorene
 Concen: 40.68 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

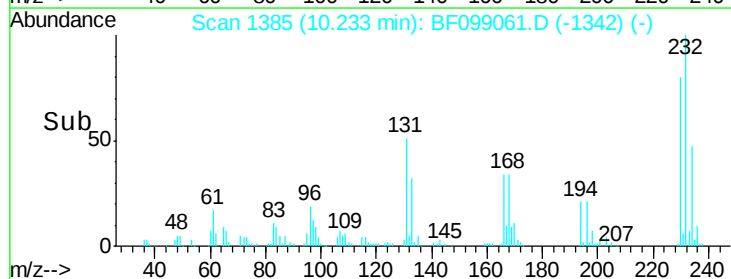
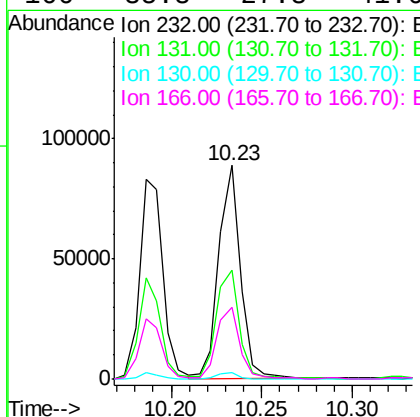
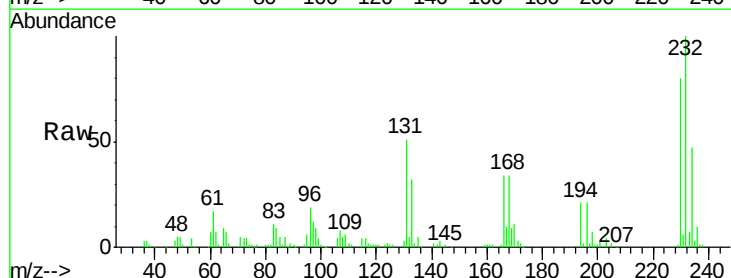
Instrument :
 BNA_F
 ClientSampleID :

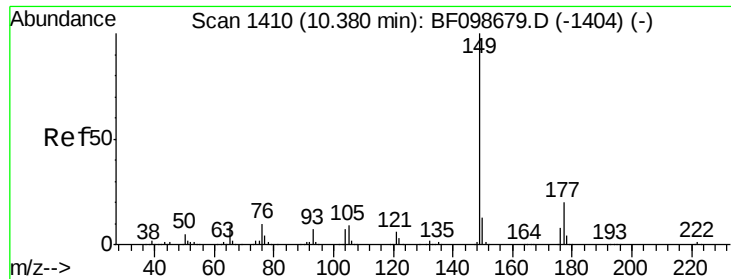
Tot Ion:166 Resp: 373425
 Ion Ratio Lower Upper
 166 100
 165 101.9 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.01 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:232 Resp: 73909
 Ion Ratio Lower Upper
 232 100
 131 55.3 43.8 65.8
 130 2.6 2.1 3.1
 166 35.8 27.8 41.6

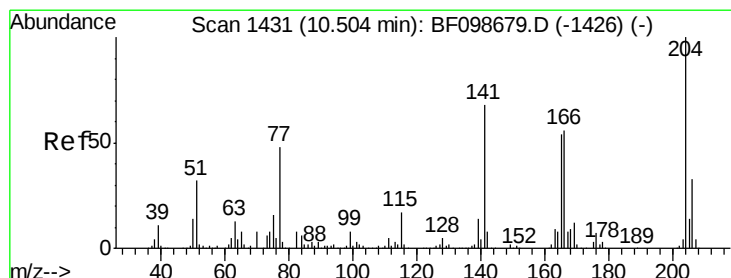
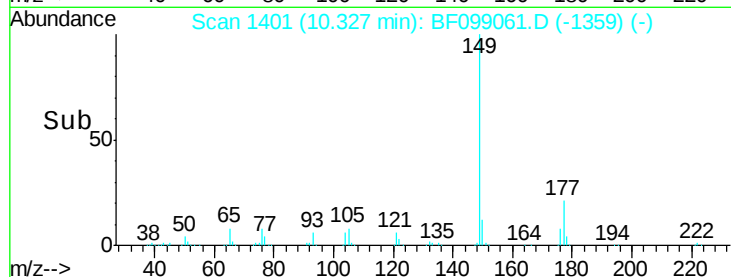
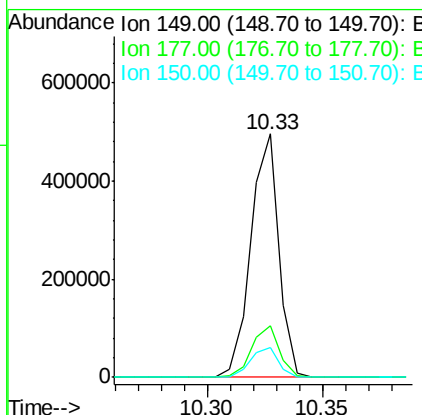
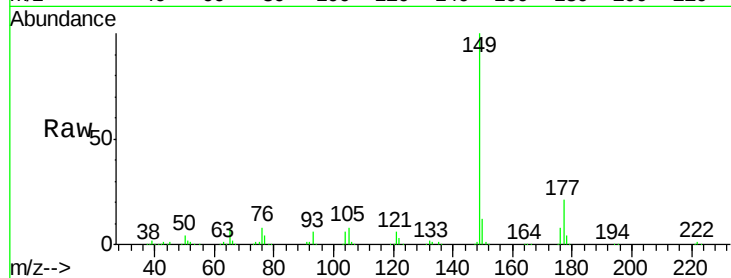




#59
Diethylphthalate
Concen: 41.65 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

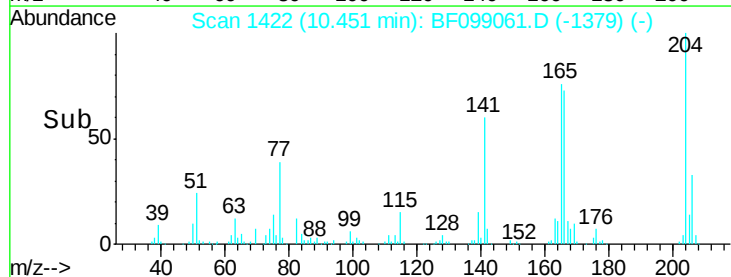
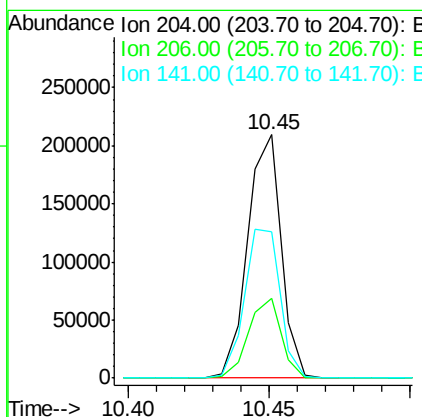
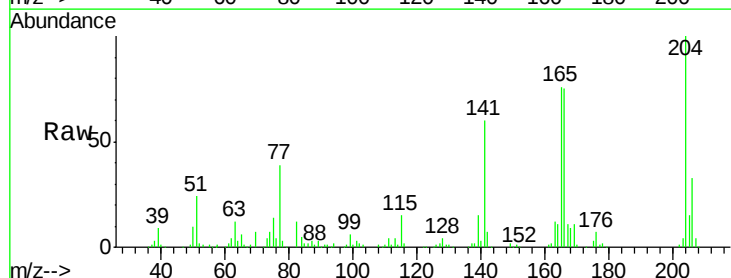
Instrument :
BNA_F
ClientSampleId :

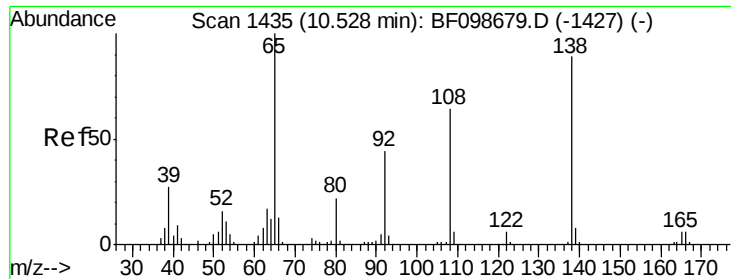
Tot Ion:149 Resp: 421069
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.76 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:204 Resp: 172178
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.3 54.6 81.8

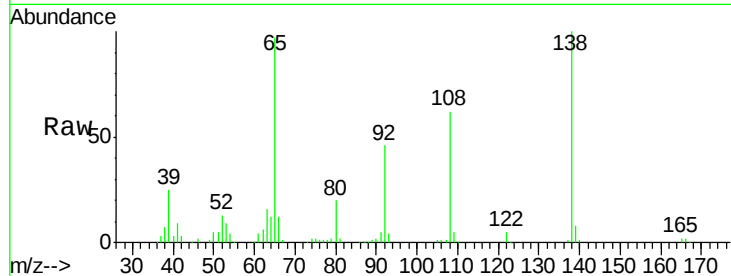




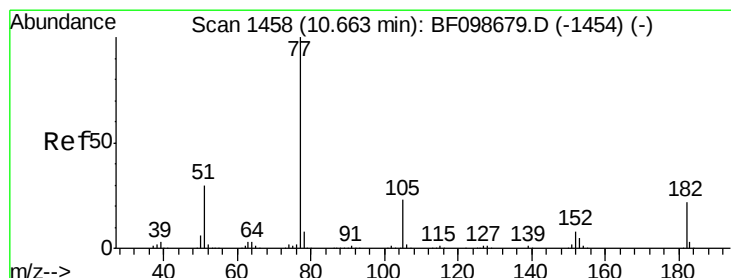
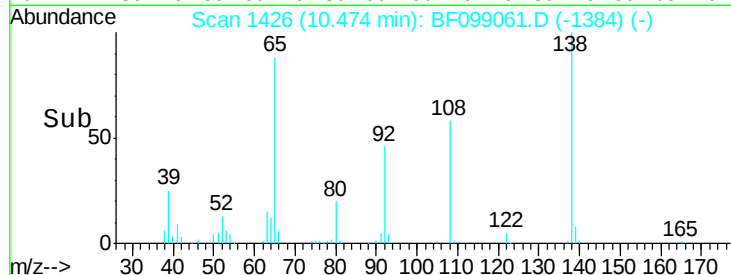
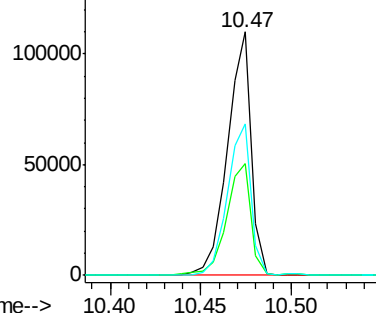
#61
4-Nitroaniline
Concen: 39.54 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100169
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 62.0 52.5 92.5

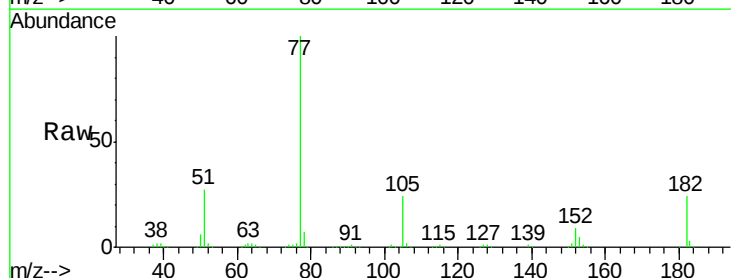


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

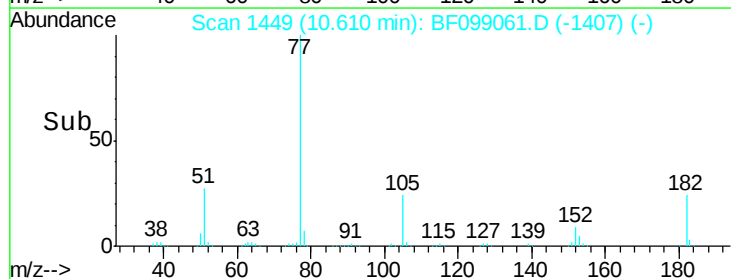
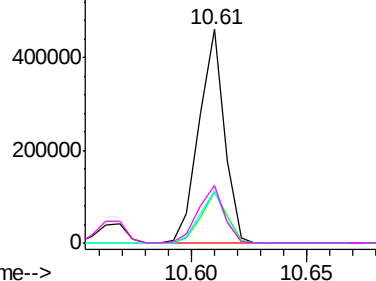


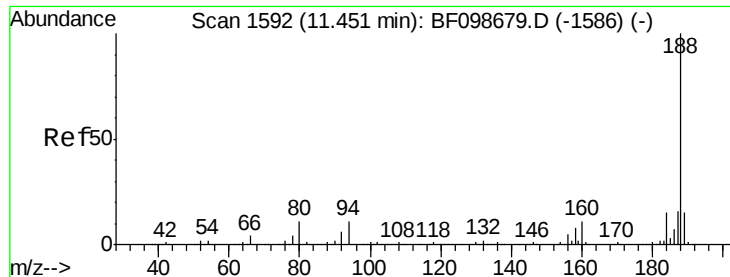
#62
Azobenzene
Concen: 37.93 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion: 77 Resp: 352576
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 24.4 3.0 43.0
51 26.8 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

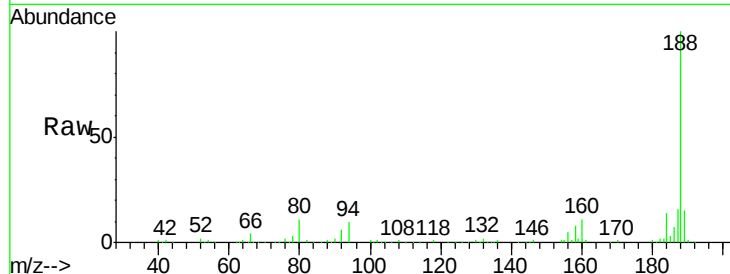




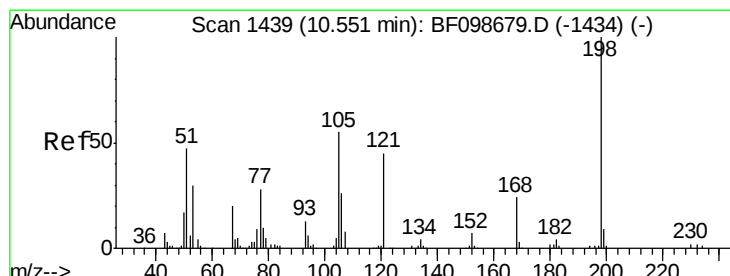
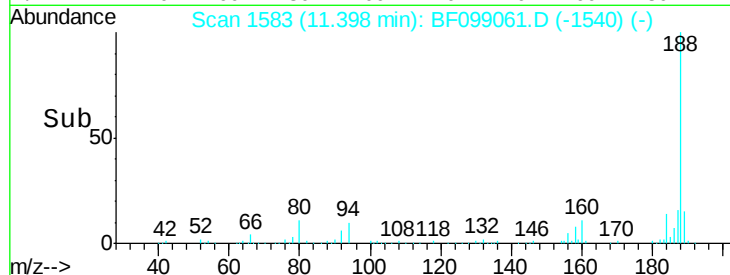
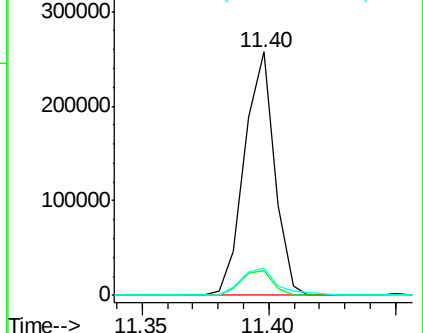
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 213173
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8

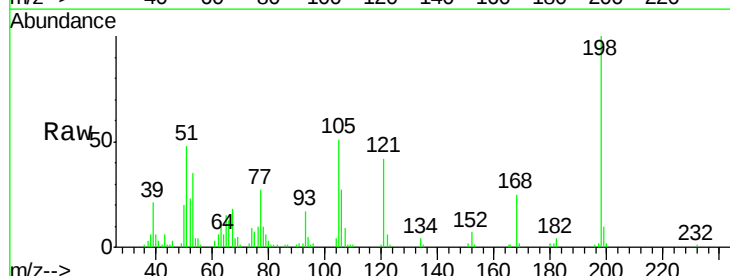


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

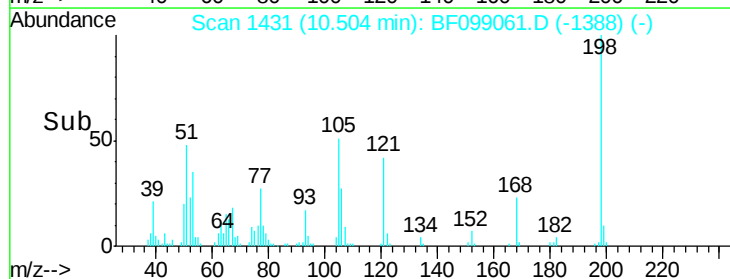
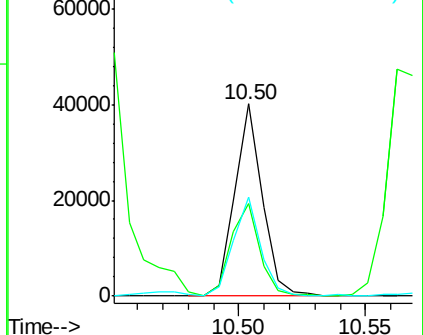


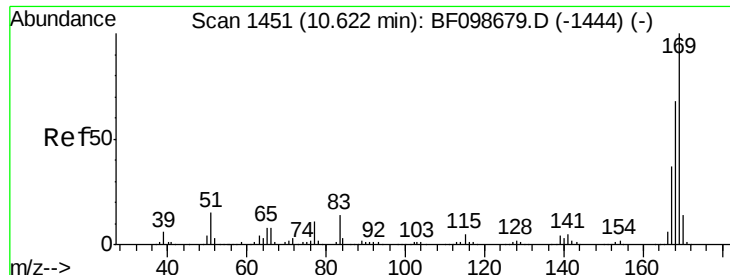
#64
4,6-Dinitro-2-methylphenol
Concen: 23.25 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:198 Resp: 30158
Ion Ratio Lower Upper
198 100
51 48.1 37.7 77.7
105 51.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

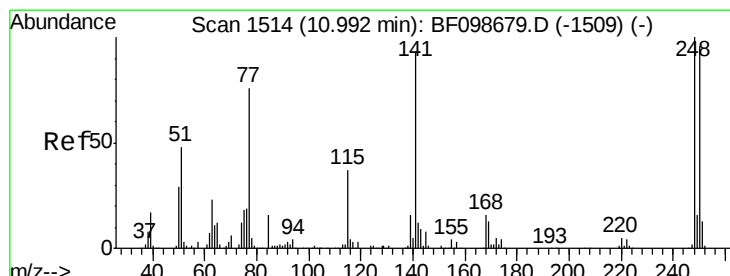
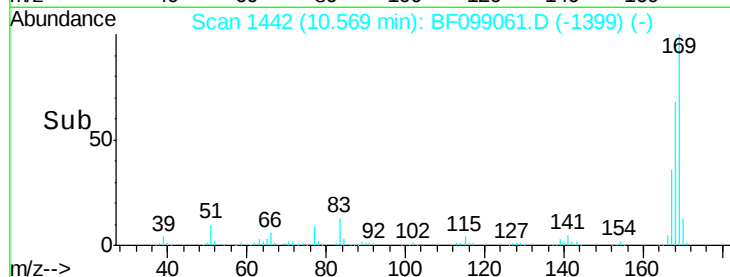
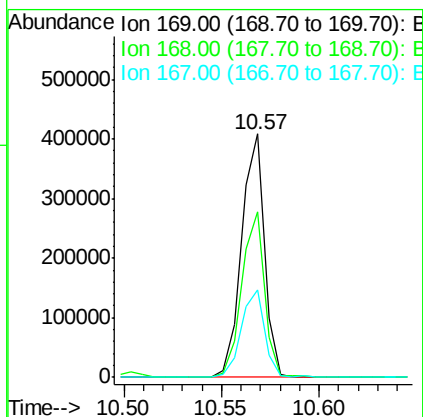
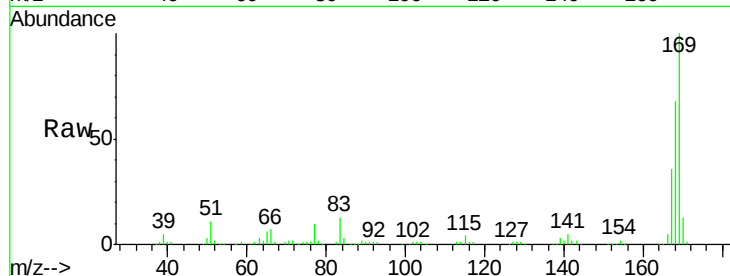




#65
n-Nitrosodiphenylamine
Concen: 44.86 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

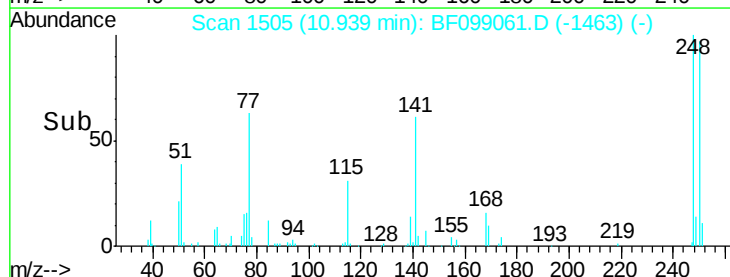
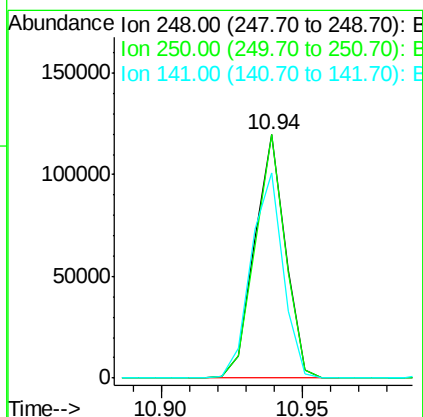
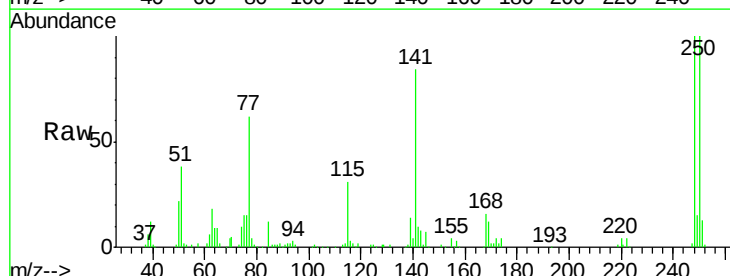
Instrument :
BNA_F
ClientSampled :

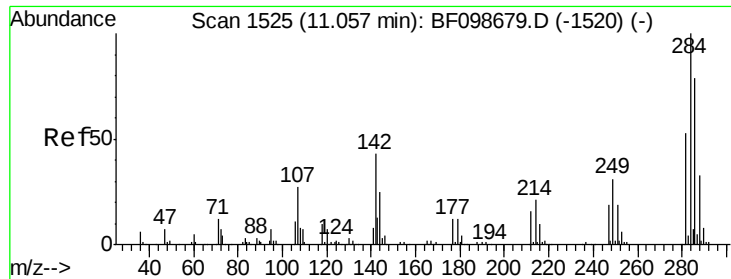
Tot Ion:169 Resp: 331318
Ion Ratio Lower Upper
169 100
168 67.7 54.4 81.6
167 36.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 43.52 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:248 Resp: 90799
Ion Ratio Lower Upper
248 100
250 99.9 76.9 115.3
141 84.3 74.4 111.6

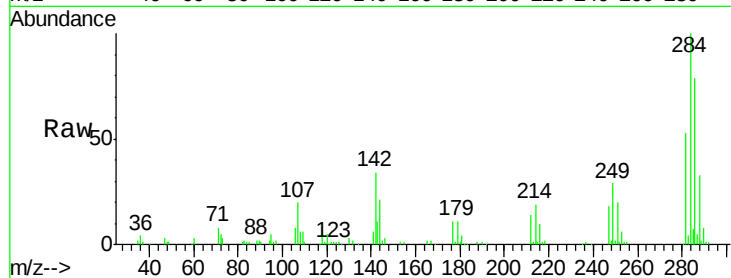




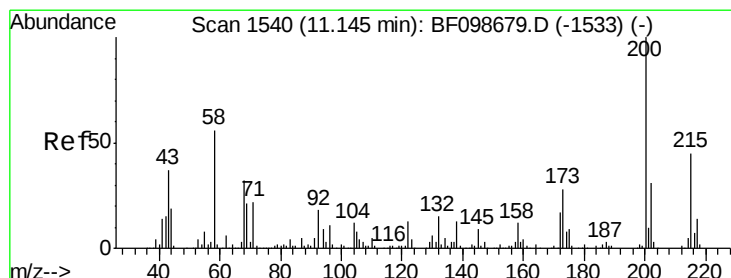
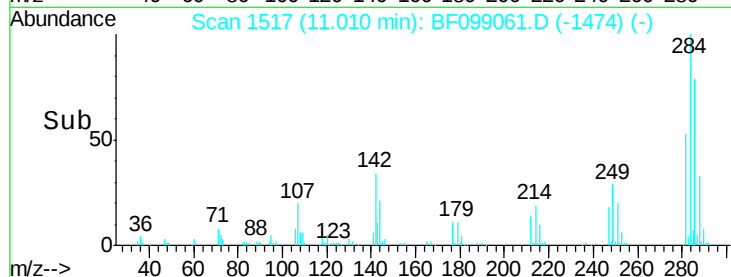
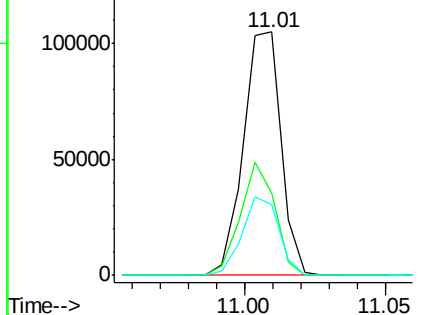
#67
Hexachlorobenzene
Concen: 43.64 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 97256
Ion Ratio Lower Upper
284 100
142 33.8 34.6 52.0#
249 29.2 24.8 37.2

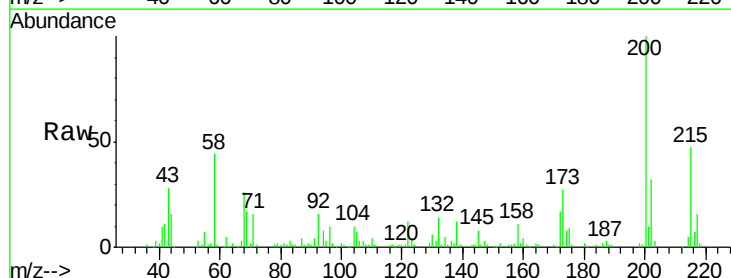


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

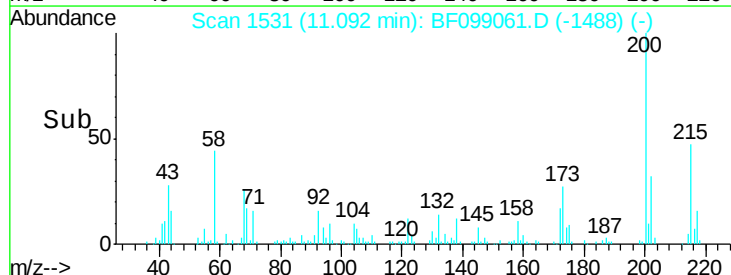
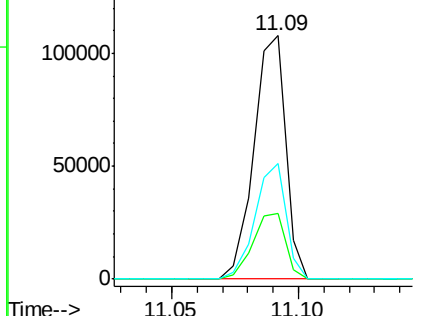


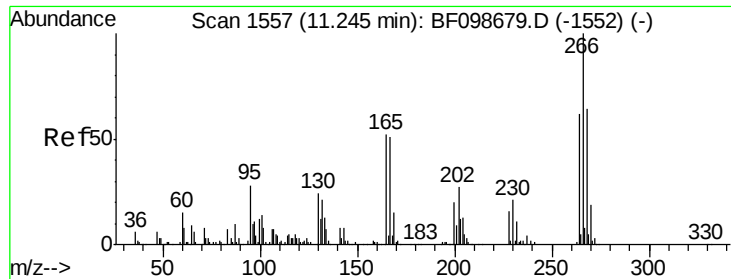
#68
Atrazine
Concen: 42.68 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:200 Resp: 94831
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 47.4 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

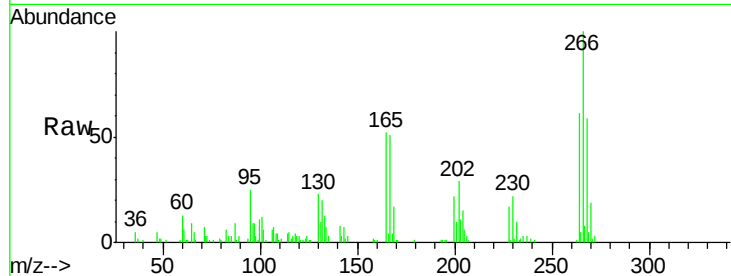




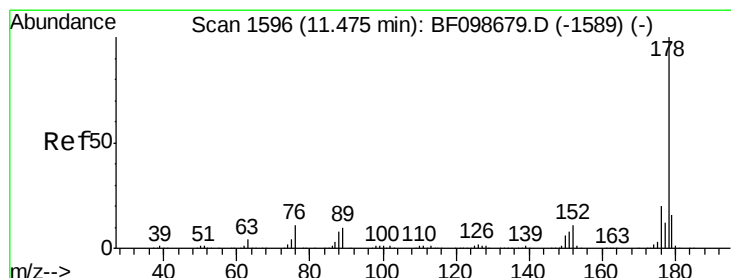
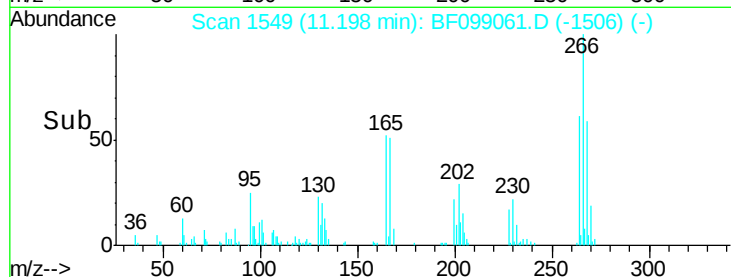
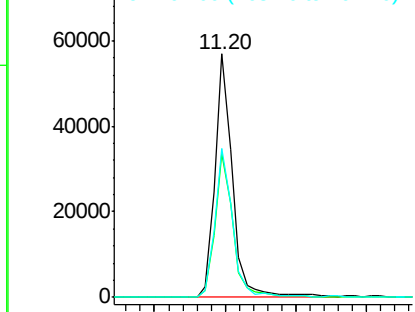
#69
 Pentachlorophenol
 Concen: 35.44 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 49152
 Ion Ratio Lower Upper
 266 100
 268 59.1 51.1 76.7
 264 61.3 49.5 74.3

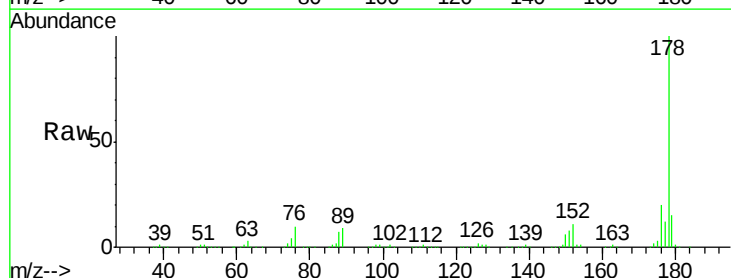


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

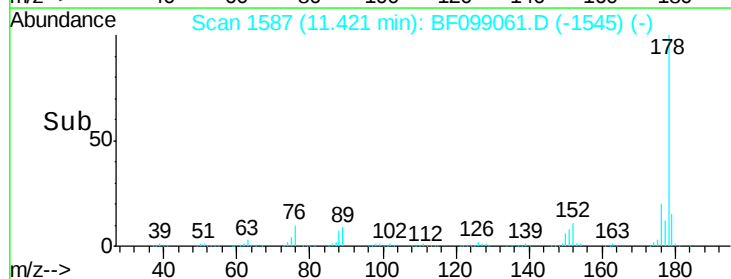
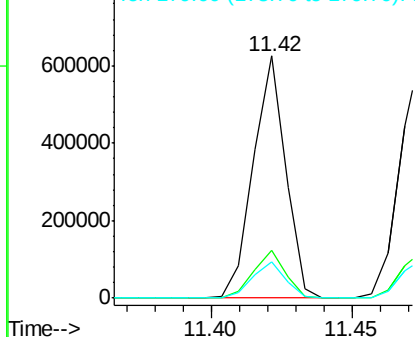


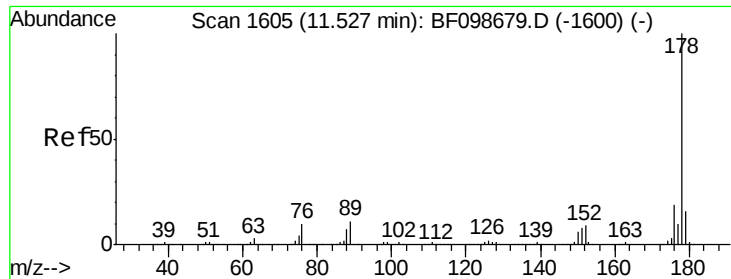
#70
 Phenanthrene
 Concen: 43.64 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:178 Resp: 497928
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 14.9 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

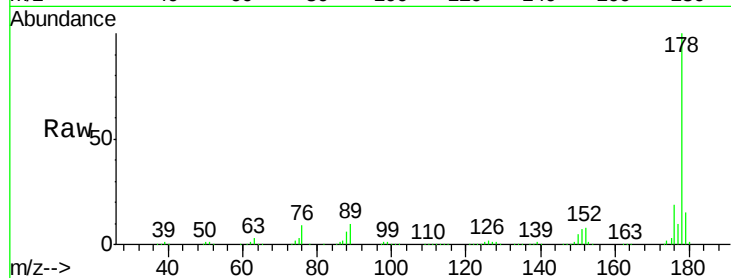




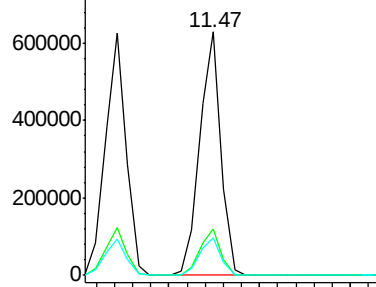
#71
 Anthracene
 Concen: 43.58 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

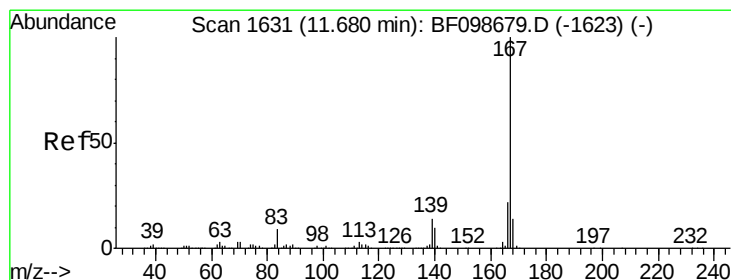
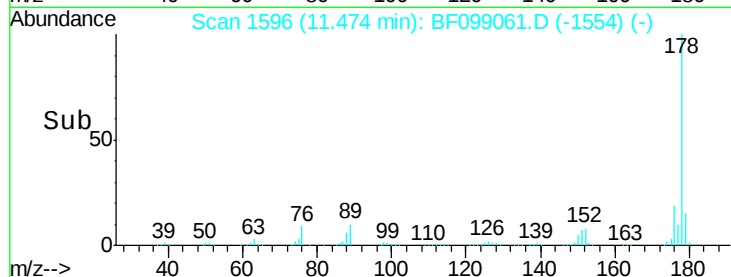
Tot Ion:178 Resp: 508837
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



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

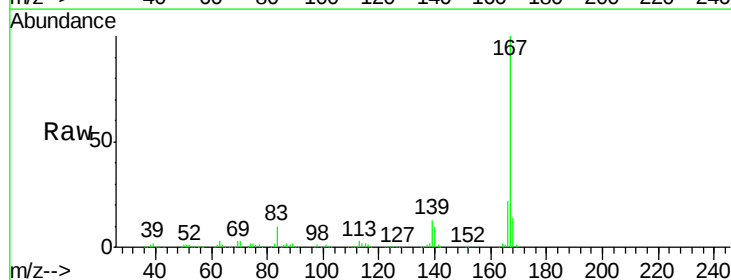


Time-->

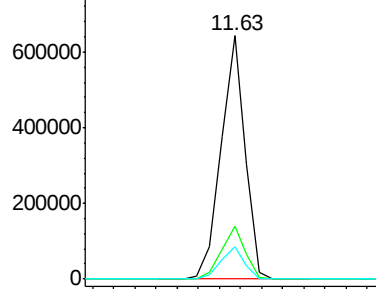


#72
 Carbazole
 Concen: 44.39 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

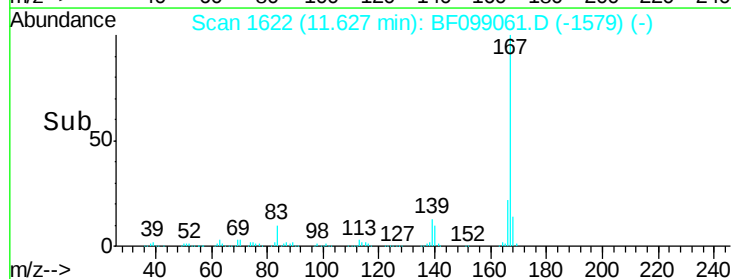
Tgt Ion:167 Resp: 507535
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.4 10.9 16.3

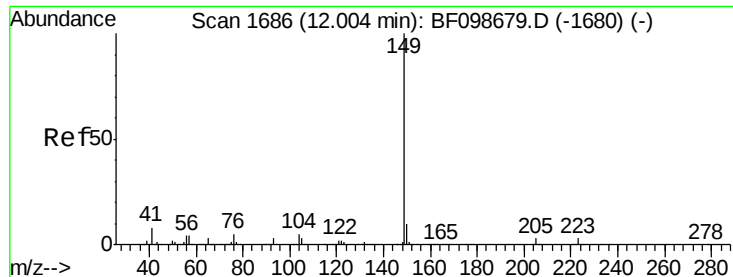


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->

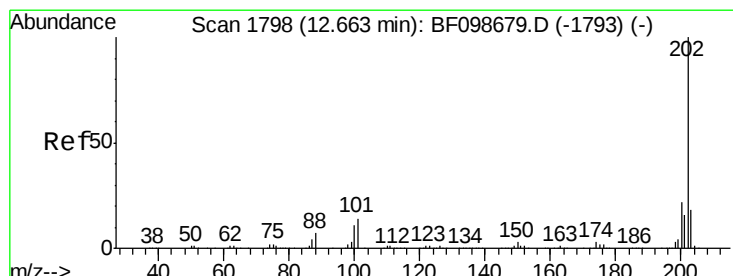
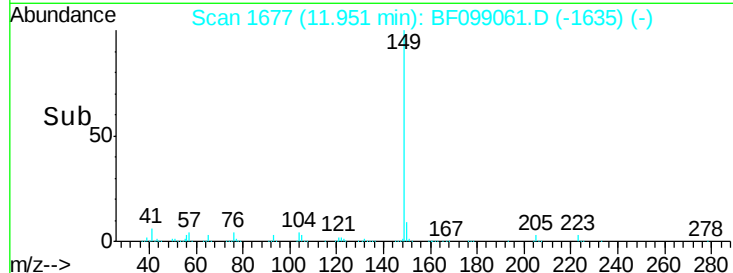
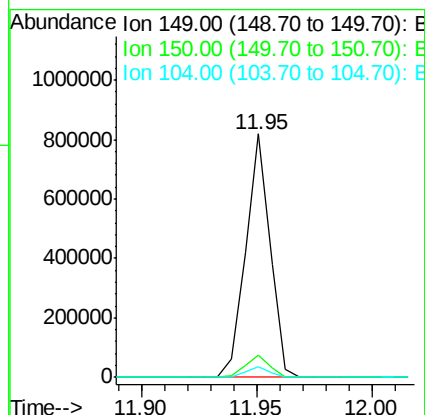
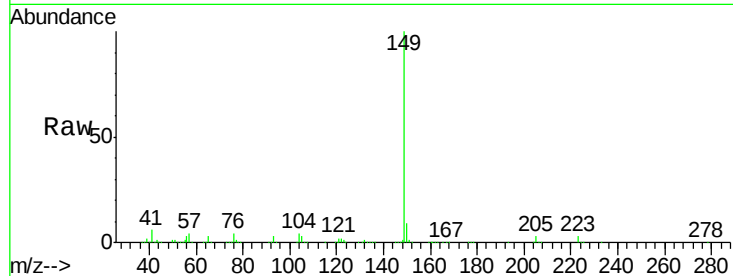




#73
Di-n-butylphthalate
Concen: 44.00 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

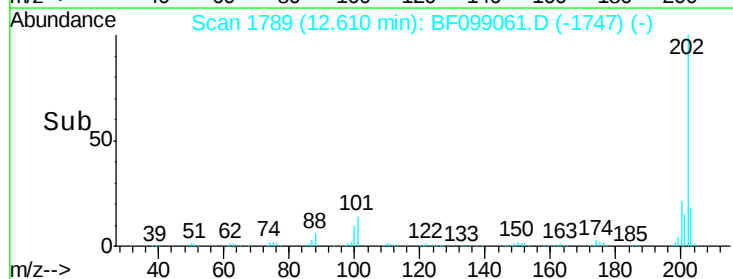
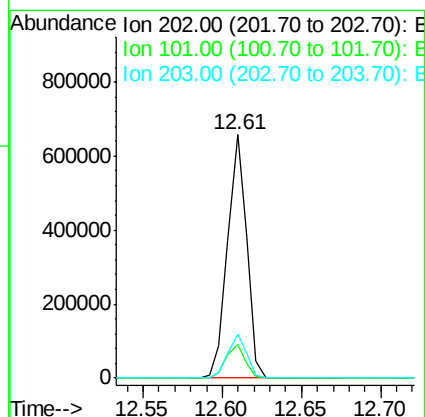
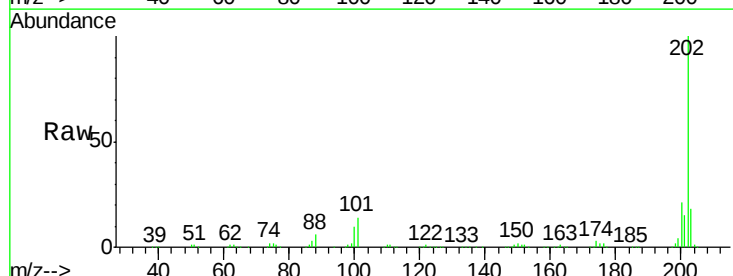
Instrument :
BNA_F
ClientSampleId :

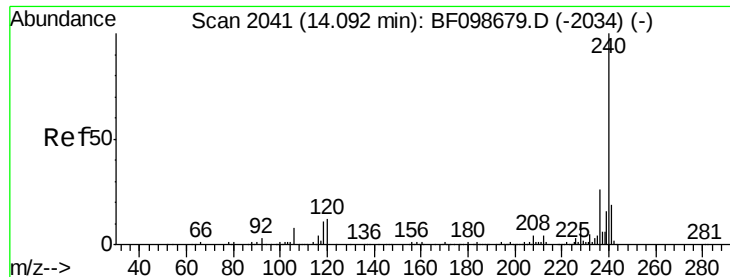
Tot Ion:149 Resp: 605486
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 47.63 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:202 Resp: 550397
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

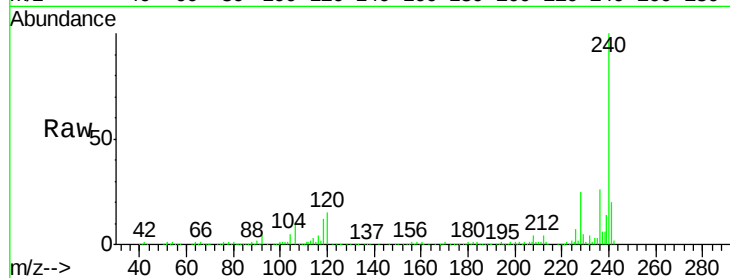
Tot Ion:240 Resp: 221307

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

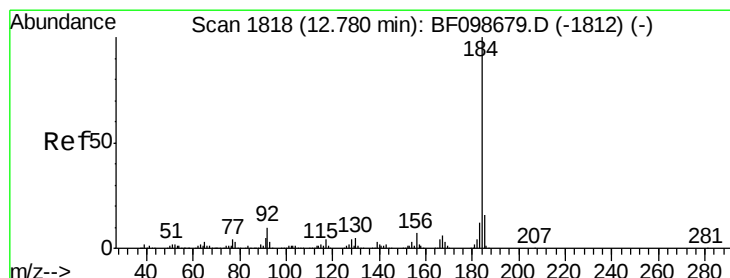
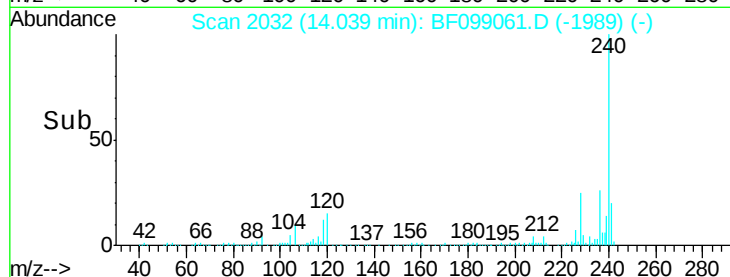
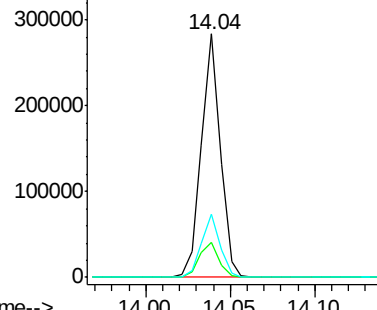
236 25.7 20.7 31.1



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: 40.79 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

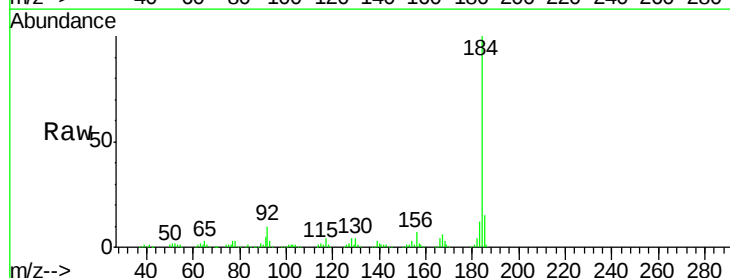
Tgt Ion:184 Resp: 333867

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

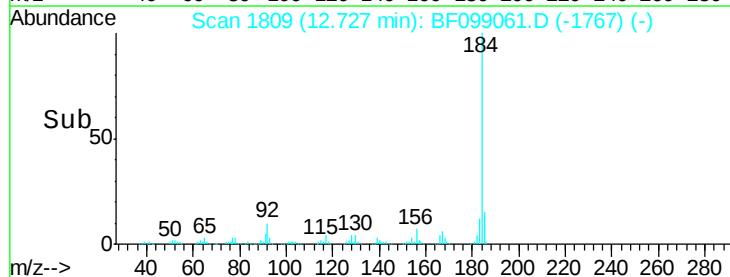
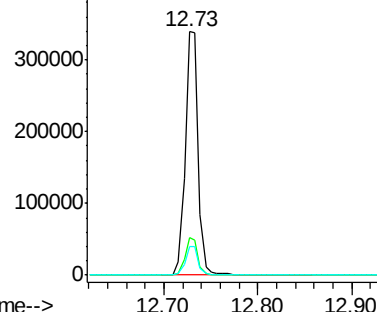
183 12.0 9.3 13.9

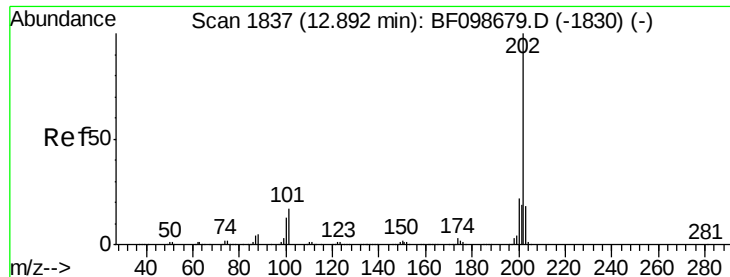


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.60 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

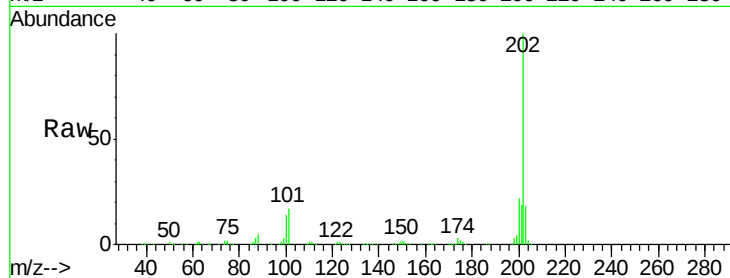
Tot Ion:202 Resp: 583965

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

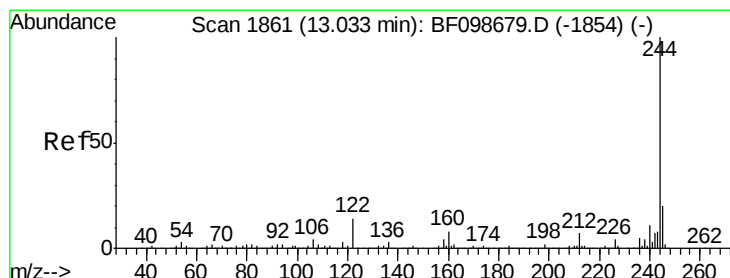
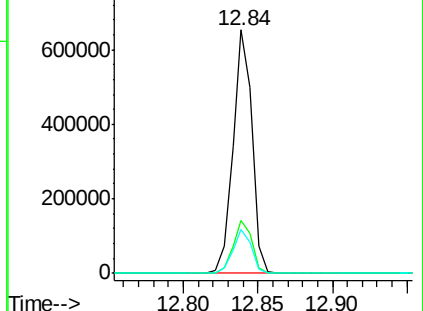
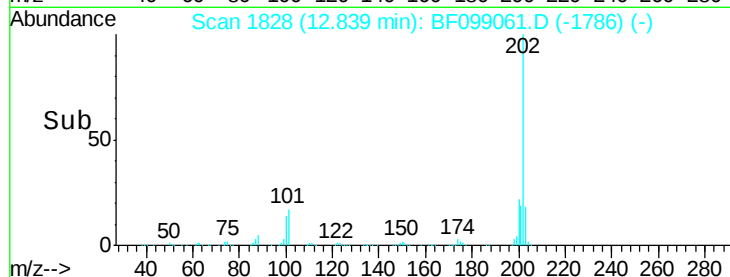
203 17.9 14.3 21.5



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: 73.01 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099061.D

Acq: 4 Oct 2017 6:01

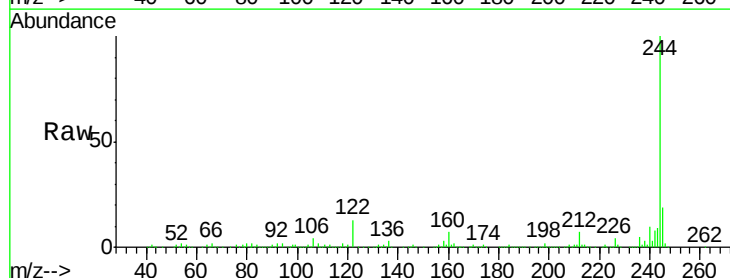
Tgt Ion:244 Resp: 710519

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

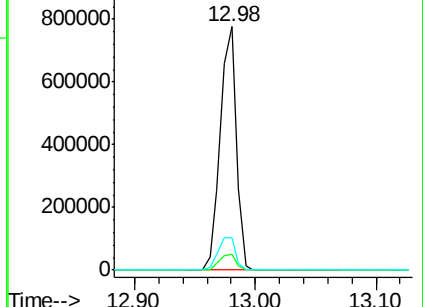
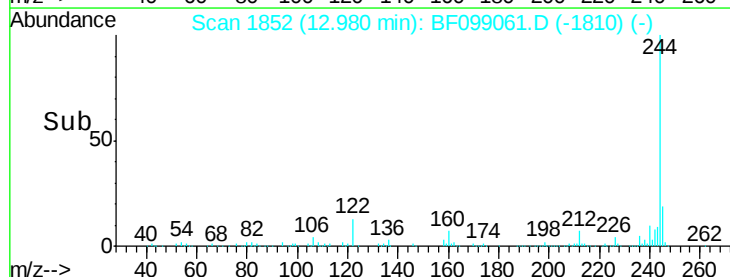
122 13.2 11.0 16.4

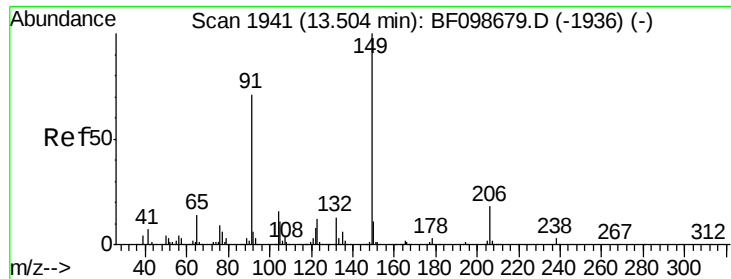


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

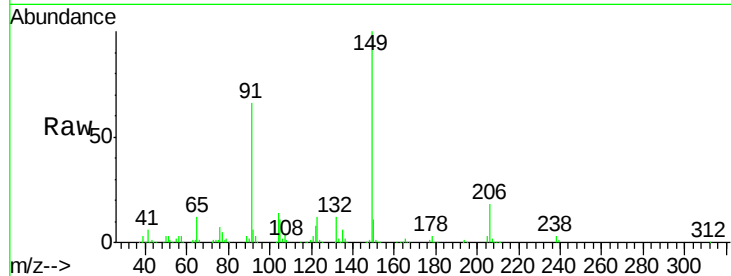




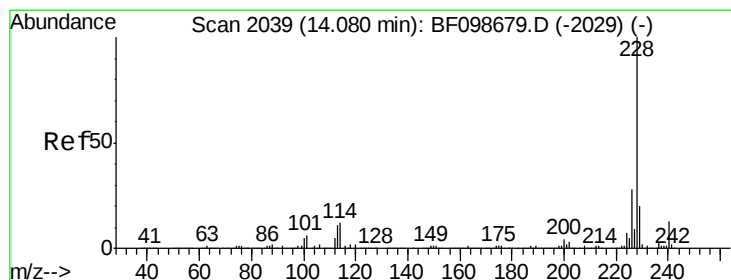
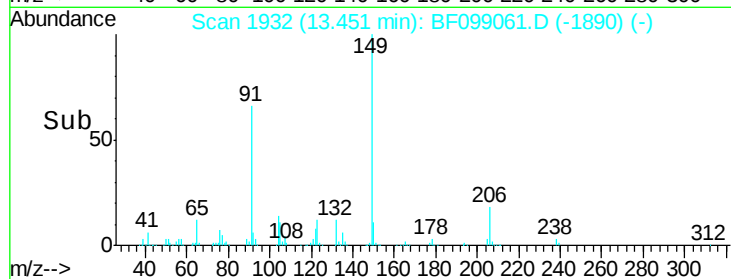
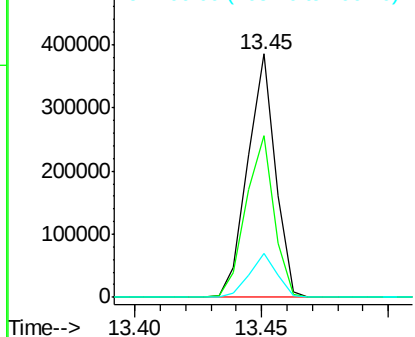
#79
Butylbenzylphthalate
Concen: 37.09 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 294193
Ion Ratio Lower Upper
149 100
91 66.4 56.8 85.2
206 18.1 14.1 21.1

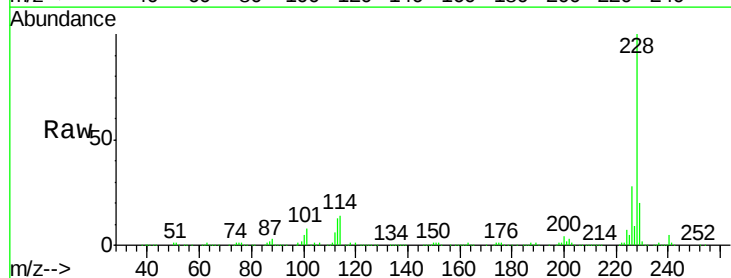


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

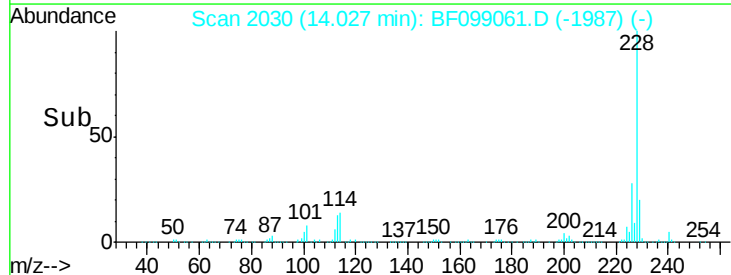
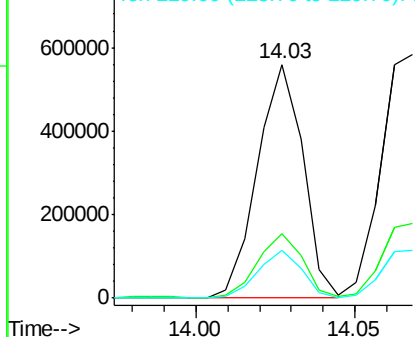


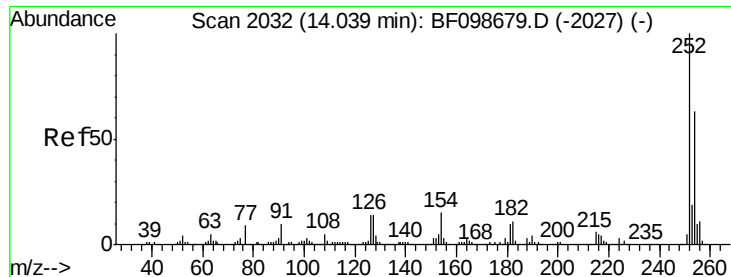
#80
Benzo(a)anthracene
Concen: 41.95 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:228 Resp: 562108
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.2 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

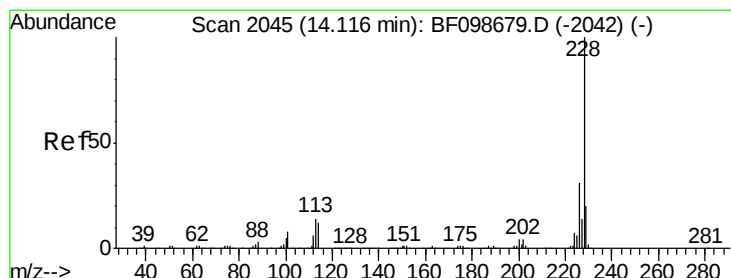
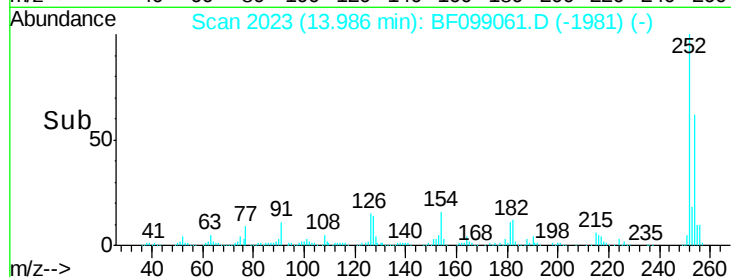
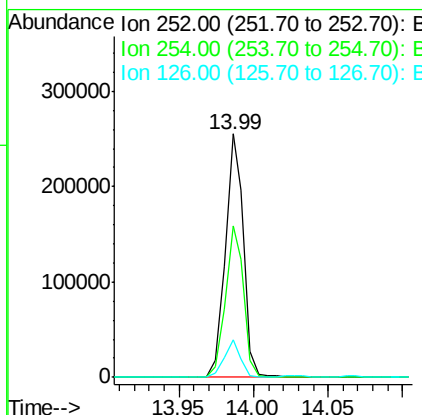
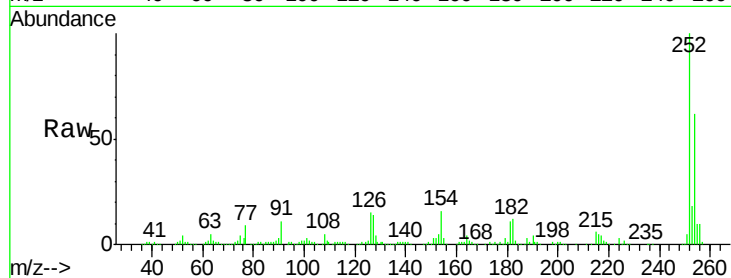




#81
 3,3'-Dichlorobenzidine
 Concen: 44.61 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

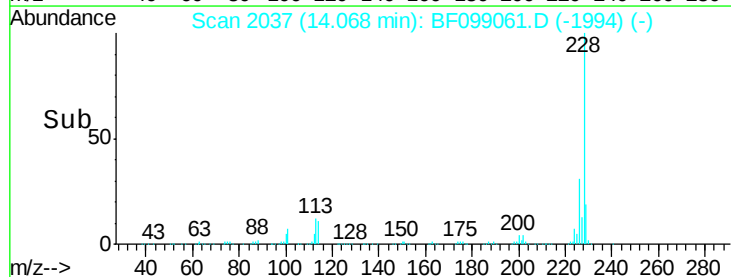
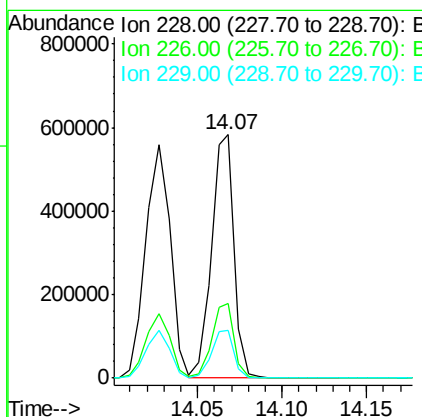
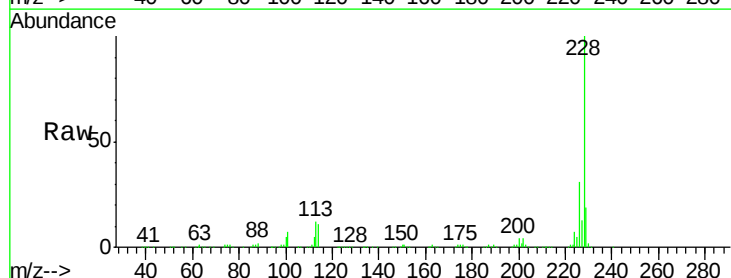
Instrument :
 BNA_F
 ClientSampleId :

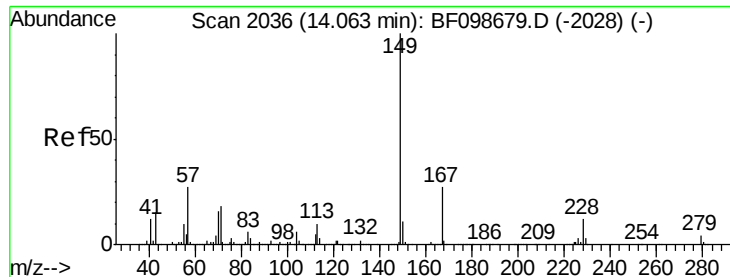
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.4	75.6
126	15.3	11.3	16.9



#82
 Chrysene
 Concen: 42.45 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	16.2	24.4

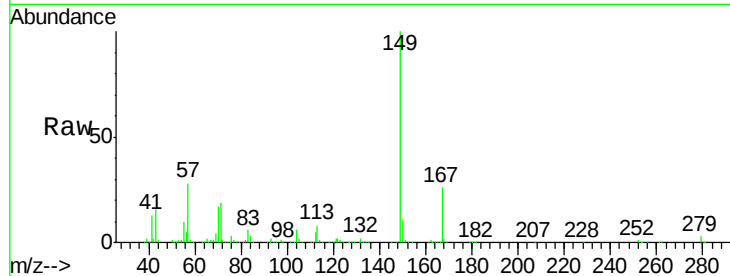




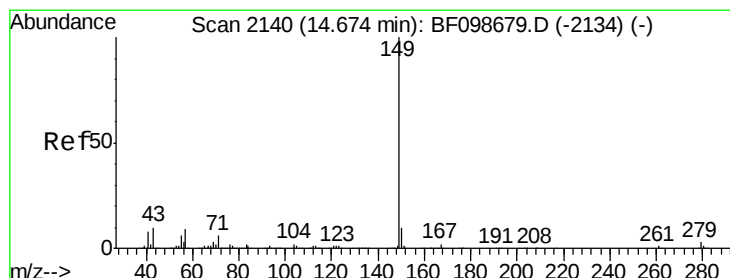
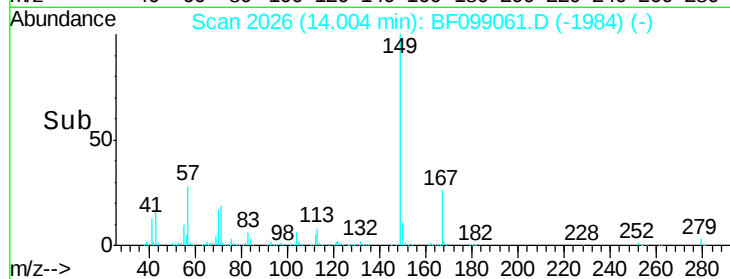
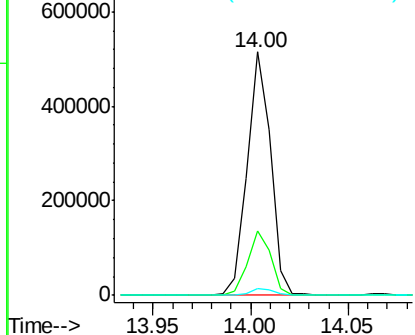
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.32 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 429418
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 2.7 3.0 4.4#

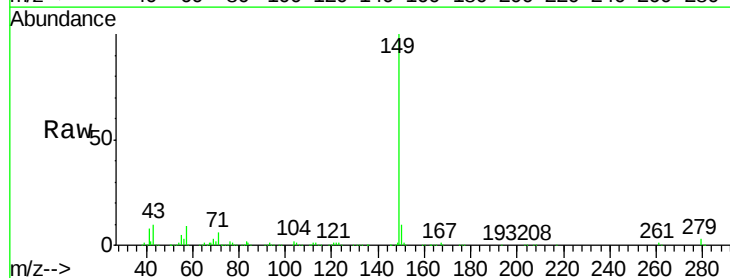


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

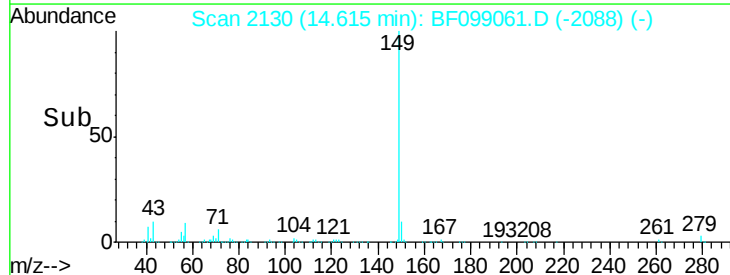
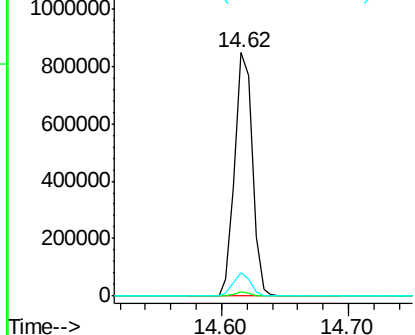


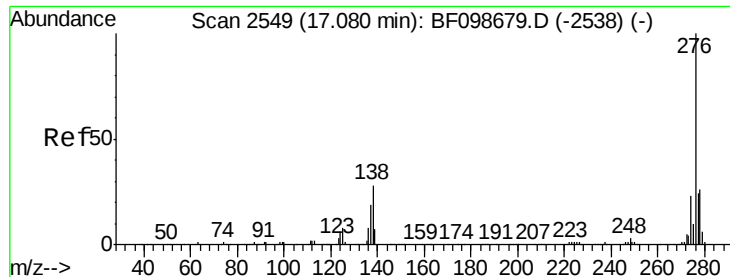
#84
 Di-n-octyl phthalate
 Concen: 46.10 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.05 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion:149 Resp: 810635
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

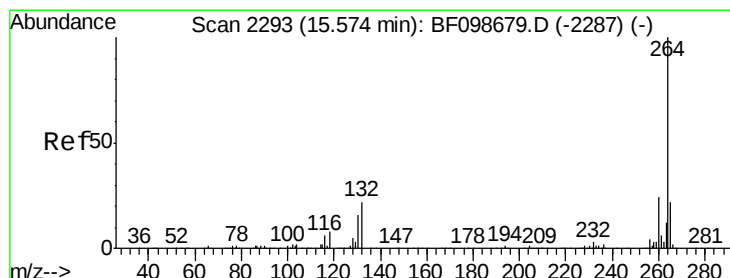
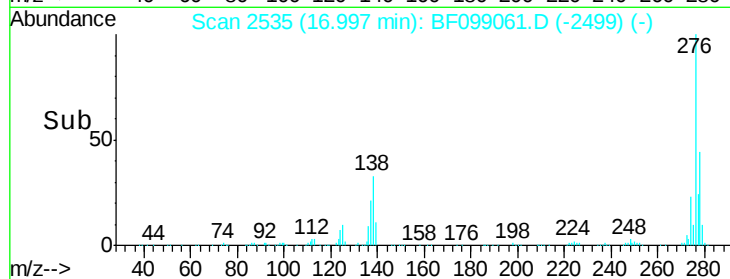
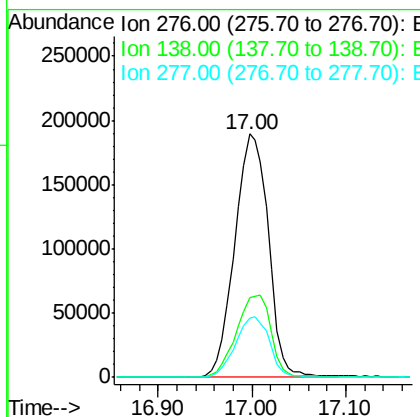
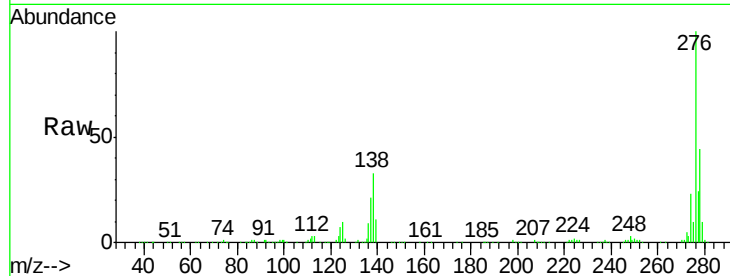




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.18 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.09 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

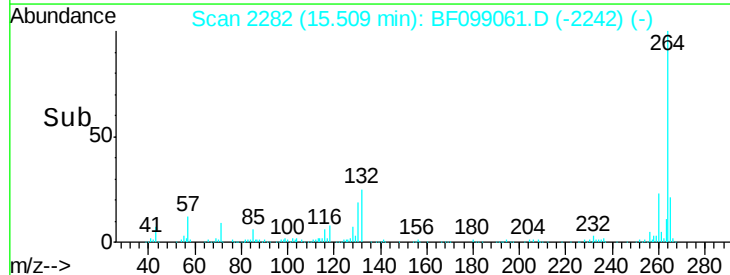
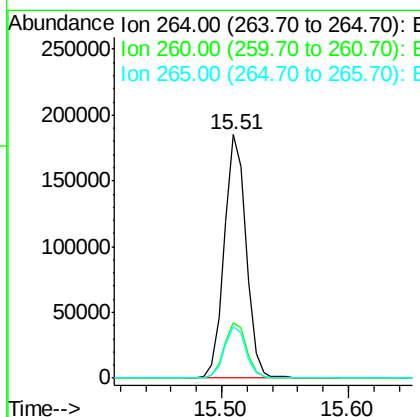
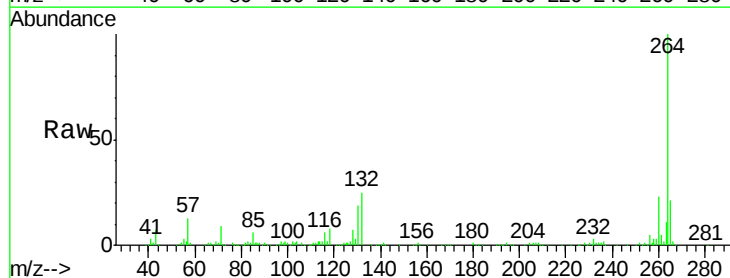
Instrument :
 BNA_F
 ClientSampleId :

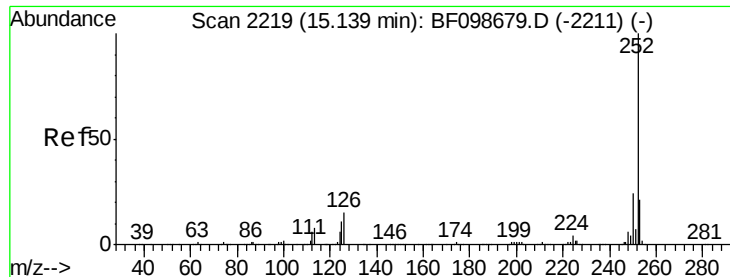
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3

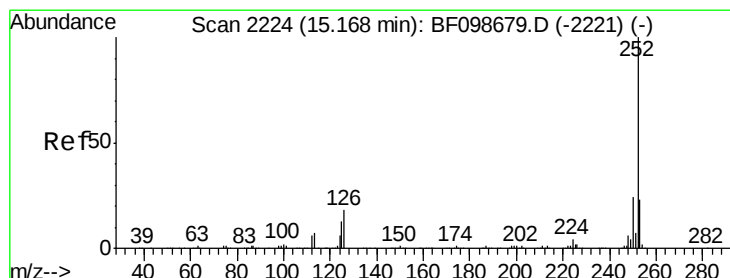
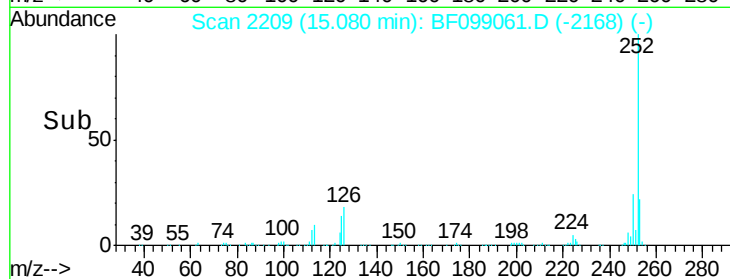
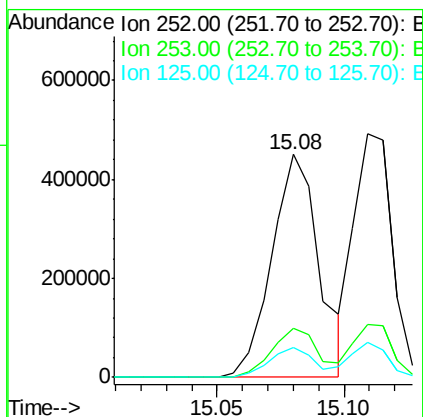
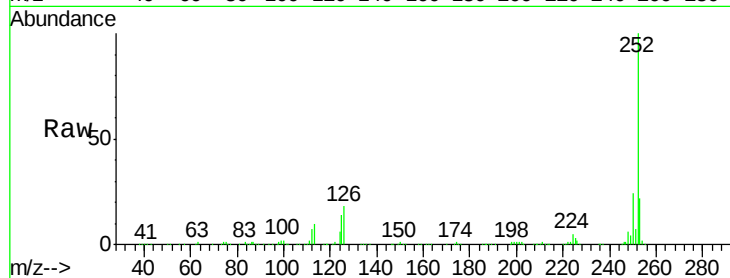




#87
Benzo(b)fluoranthene
Concen: 42.92 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

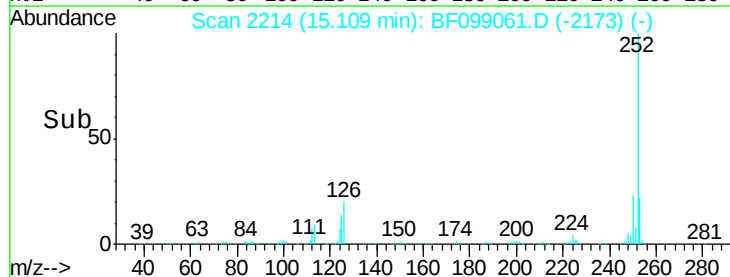
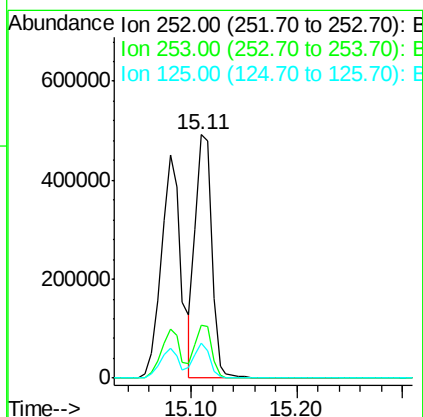
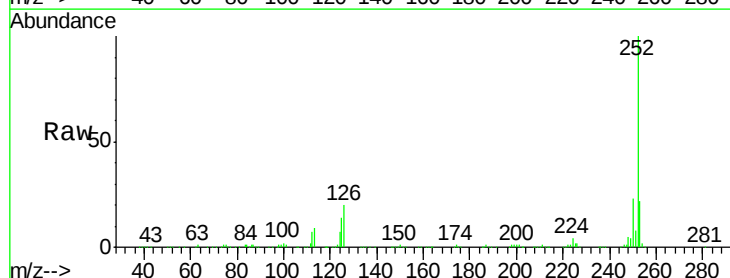
Instrument :
BNA_F
ClientSampleId :

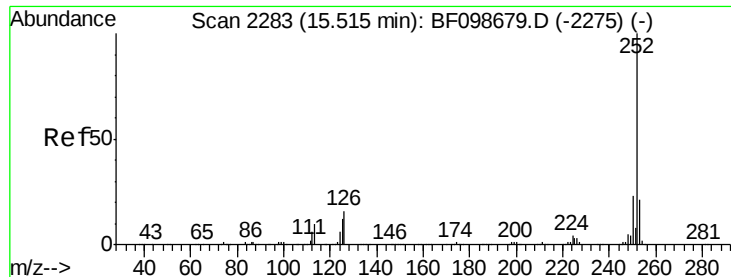
Tot Ion:252 Resp: 582777
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 39.15 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:252 Resp: 525098
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 14.1 10.2 15.2

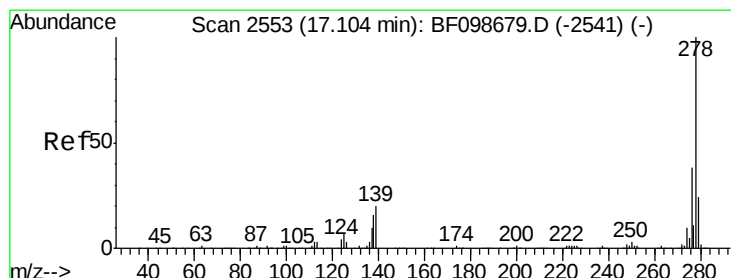
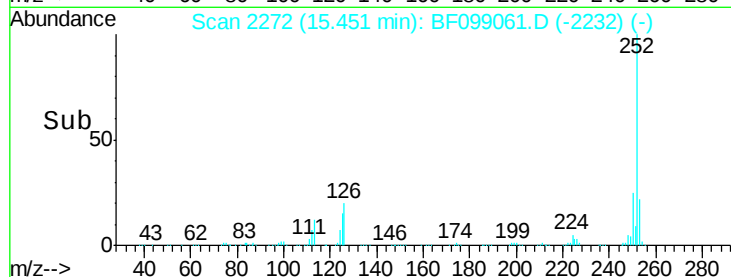
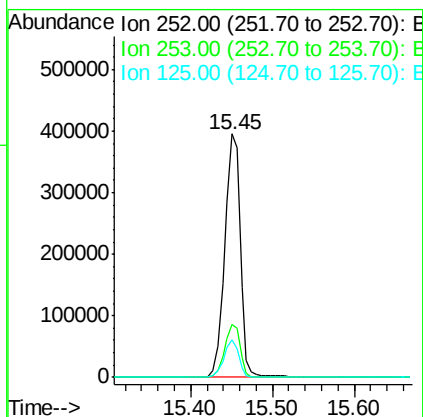
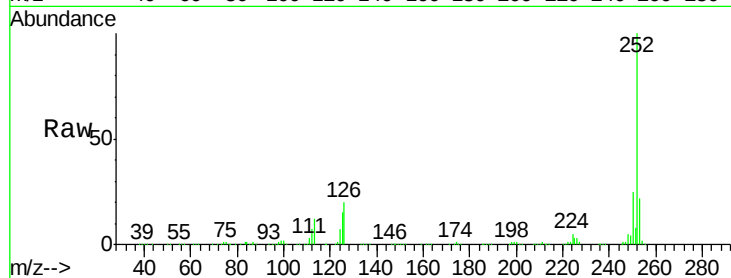




#89
Benzo(a)pyrene
Concen: 41.82 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

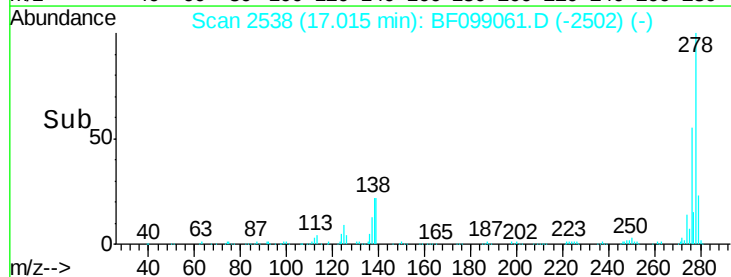
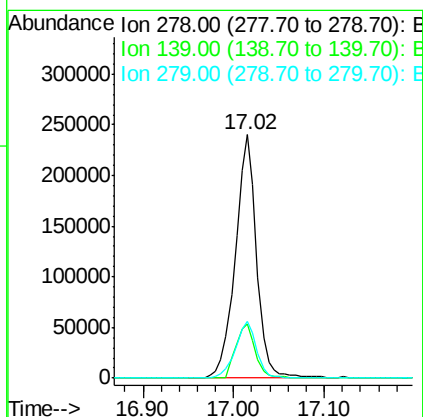
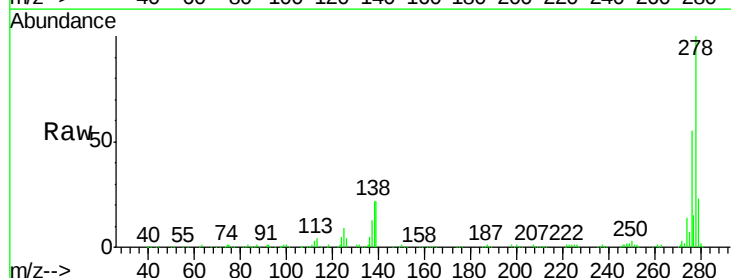
Instrument :
BNA_F
ClientSampleId :

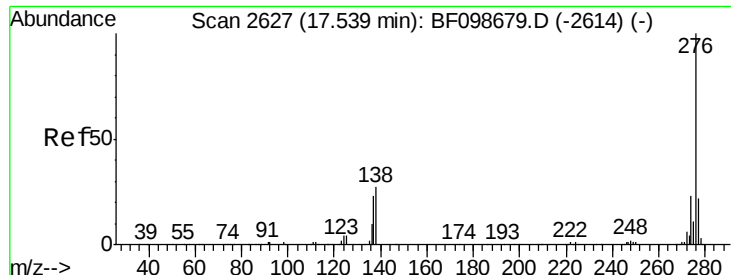
Tot Ion:252 Resp: 521285
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 15.3 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.46 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.09 min
Lab File: BF099061.D
Acq: 4 Oct 2017 6:01

Tgt Ion:278 Resp: 393592
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 23.1 19.0 28.4

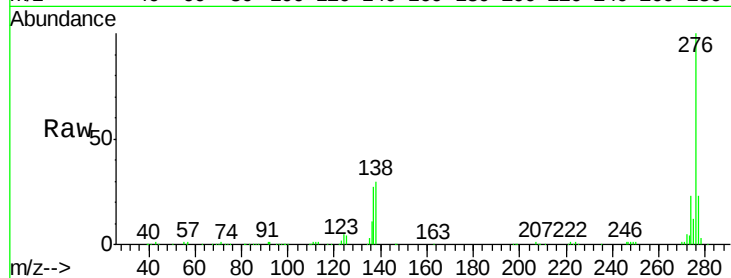




#91
 Benzo(a,h,i)perylene
 Concen: 36.75 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.09 min
 Lab File: BF099061.D
 Acq: 4 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	30.0	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

