

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098752.D
 Acq On : 23 Sep 2017 21:26
 Operator : SJ/JU
 Sample : I5360-01MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:56:54 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	6.92	152	154585	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	606674	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	233716	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	324511	20.00	ng	0.00
75) Chrysene-d12	14.08	240	258459	20.00	ng	0.00
86) Perylene-d12	15.57	264	237213	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	113165	11.65	ng	-0.01
7) Phenol-d6	6.53	99	135033	11.27	ng	-0.02
23) Nitrobenzene-d5	7.47	82	76757	8.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	16180	8.46	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	143992	10.29	ng	0.00
78) Terphenyl-d14	13.02	244	82034	7.22	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	13902	3.00	ng	91
3) Pyridine	3.59	79	33310	2.65	ng	95
4) n-Nitrosodimethylamine	3.47	42	16566	3.11	ng	# 96
6) Aniline	6.58	93	36523	2.26	ng	98
8) 2-Chlorophenol	6.70	128	40538	3.69	ng	99
9) Benzaldehyde	6.47	77	13288	1.91	ng	95
10) Phenol	6.55	94	51932	3.88	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	40092	3.85	ng	98
12) 1,3-Dichlorobenzene	6.86	146	42837	3.72	ng	95
13) 1,4-Dichlorobenzene	6.94	146	43372	3.70	ng	97
14) 1,2-Dichlorobenzene	7.09	146	41120	3.80	ng	96
15) Benzyl Alcohol	7.05	79	33665	3.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	62357	3.84	ng	98
17) 2-Methylphenol	7.16	107	32213	3.58	ng	99
18) Hexachloroethane	7.43	117	10985	2.61	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	29653	3.88	ng	96
20) 3+4-Methylphenols	7.31	107	42216	3.71	ng	97
22) Acetophenone	7.32	105	60221	4.10	ng	99
24) Nitrobenzene	7.49	77	40643	3.79	ng	94
25) Isophorone	7.73	82	73751	3.77	ng	99
26) 2-Nitrophenol	7.82	139	15092	2.92	ng	96
27) 2,4-Dimethylphenol	7.85	122	35062	3.60	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	48032	3.94	ng	98
29) 2,4-Dichlorophenol	8.05	162	29715	3.55	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	31821	3.80	ng	93
31) Naphthalene	8.22	128	173526	6.09	ng	98
32) Benzoic acid	7.85	122	35062	4.38	ng	# 15
33) 4-Chloroaniline	8.27	127	31473	2.65	ng	97
34) Hexachlorobutadiene	8.34	225	16810	3.90	ng	96
35) Caprolactam	8.59	113	7111	2.65	ng	96
36) 4-Chloro-3-methylphenol	8.73	107	29641	3.15	ng	98
37) 2-Methylnaphthalene	8.92	142	90466	4.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	27327	3.92	ng	98
40) Hexachlorocyclopentadiene	9.06	237	477	0.15	ng	86

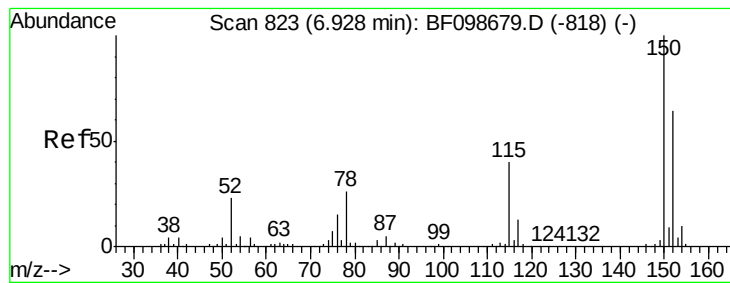
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098752.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	17768	3.60	nq	98
43) 2,4,5-Trichlorophenol	9.22	196	16927	3.43	nq	96
45) 1,1'-Biphenyl	9.37	154	87195	4.34	nq	97
46) 2-Chloronaphthalene	9.40	162	61942	4.11	nq	95
47) 2-Nitroaniline	9.49	65	17318	3.75	nq	94
48) Acenaphthylene	9.82	152	102883	4.46	nq	98
49) Dimethylphthalate	9.67	163	86951	4.93	nq	99
50) 2,6-Dinitrotoluene	9.73	165	11686	3.04	nq	99
51) Acenaphthene	9.99	154	62639	4.28	nq	98
52) 3-Nitroaniline	9.90	138	13437	3.00	nq	99
53) 2,4-Dinitrophenol	10.00	184	331	5.98	nq	# 1
54) Dibenzofuran	10.16	168	94666	4.86	nq	98
55) 4-Nitrophenol	10.05	139	17389	4.59	nq	93
56) 2,4-Dinitrotoluene	10.13	165	14344	2.88	nq	# 94
57) Fluorene	10.50	166	73559	4.70	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	10563	3.10	nq	# 89
59) Diethylphthalate	10.37	149	70419	4.09	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	28129	4.00	nq	92
61) 4-Nitroaniline	10.50	138	12167	2.82	nq	93
62) Azobenzene	10.65	77	63140	3.98	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	378	0.19	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	52480	4.67	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	14406	4.54	nq	93
67) Hexachlorobenzene	11.05	284	12527	3.69	nq	98
68) Atrazine	11.13	200	13993	4.14	nq	96
69) Pentachlorophenol	11.24	266	10841	5.13	nq	94
70) Phenanthrene	11.47	178	154478	8.89	nq	99
71) Anthracene	11.52	178	100721	5.67	nq	100
72) Carbazole	11.67	167	70821	4.07	nq	99
73) Di-n-butylphthalate	12.00	149	89244	4.26	nq	99
74) Fluoranthene	12.66	202	183471	10.43	nq	98
76) Benzidine	12.79	184	2095	0.22	nq	# 66
77) Pyrene	12.89	202	180952	9.18	nq	99
79) Butylbenzylphthalate	13.50	149	31897	3.44	nq	98
80) Benzo(a)anthracene	14.07	228	118954	7.60	nq	97
81) 3,3'-Dichlorobenzidine	14.03	252	15127	2.64	nq	96
82) Chrysene	14.11	228	116104	7.79	nq	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	51981	4.08	nq	# 99
84) Di-n-octyl phthalate	14.67	149	86221	4.20	nq	# 97
85) Indeno(1,2,3-cd)pyrene	17.08	276	72267	6.06	nq	98
87) Benzo(b)fluoranthene	15.16	252	86237	5.91	nq	96
88) Benzo(k)fluoranthene	15.16	252	86237	5.99	nq	98
89) Benzo(a)pyrene	15.51	252	92673	6.92	nq	# 93
90) Dibenzo(a,h)anthracene	17.09	278	44251	4.13	nq	# 91
91) Benzo(g,h,i)perylene	17.53	276	64082	6.05	nq	95

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

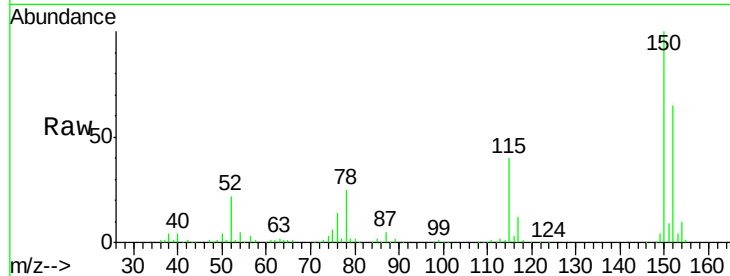


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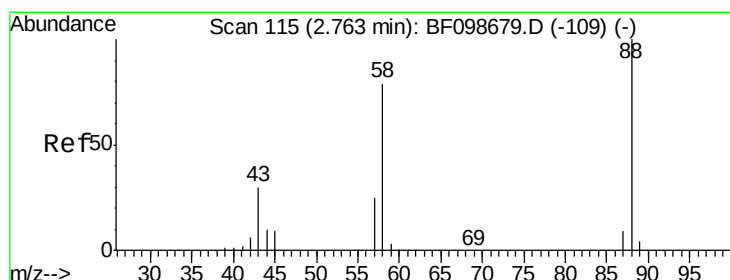
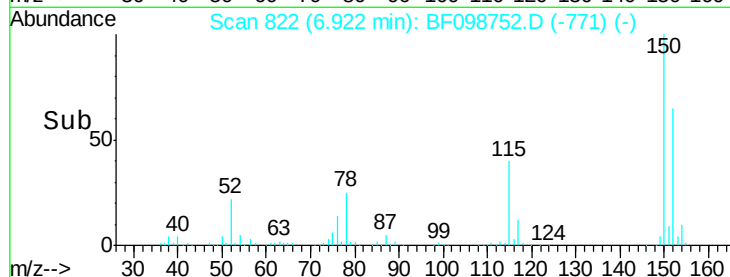
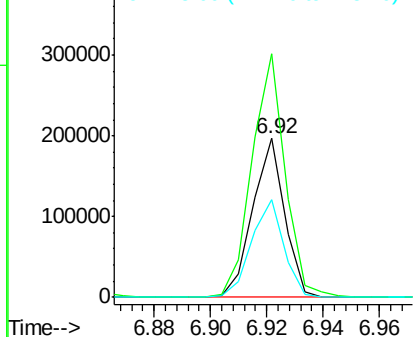
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154585
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 61.8 50.1 75.1



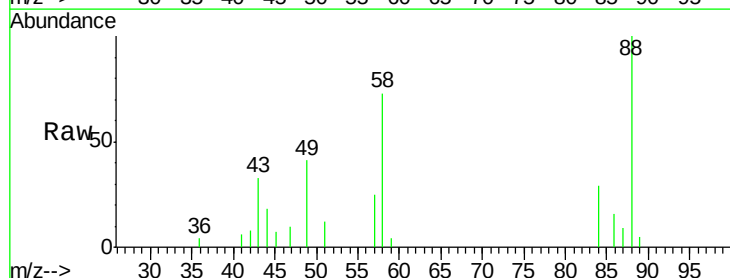
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



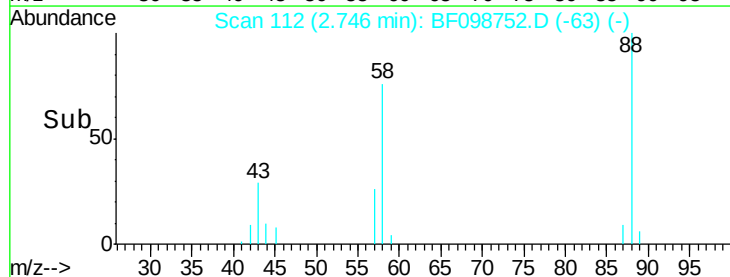
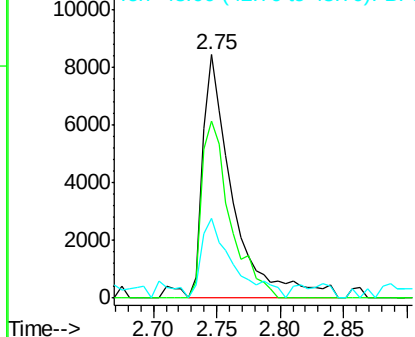
#2

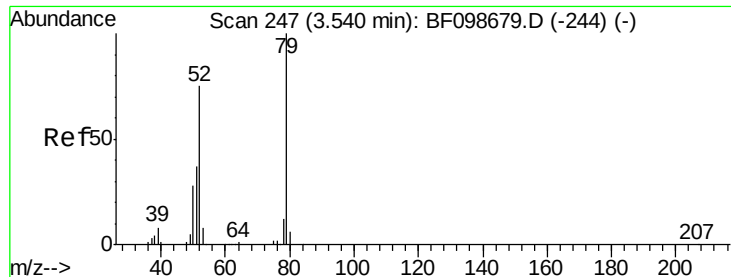
1,4-Dioxane
Concen: 3.00 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion: 88 Resp: 13902
Ion Ratio Lower Upper
88 100
58 69.0 62.6 93.8
43 34.4 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: 2.65 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.06 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

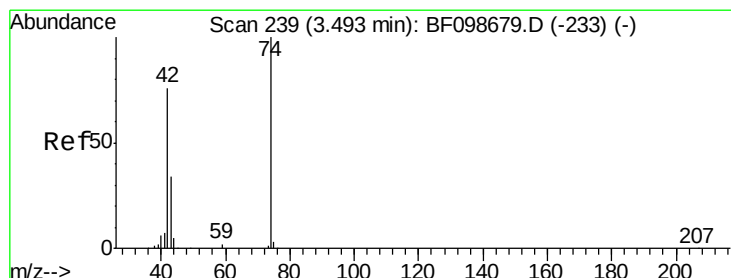
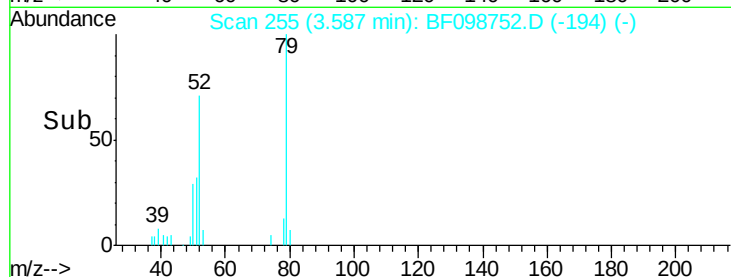
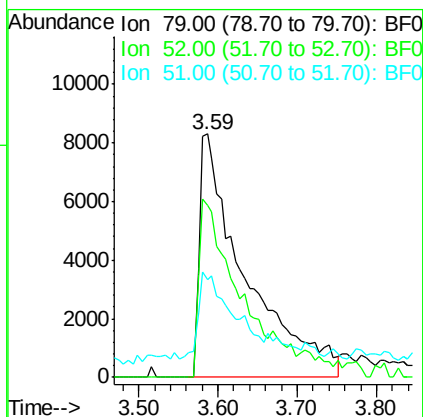
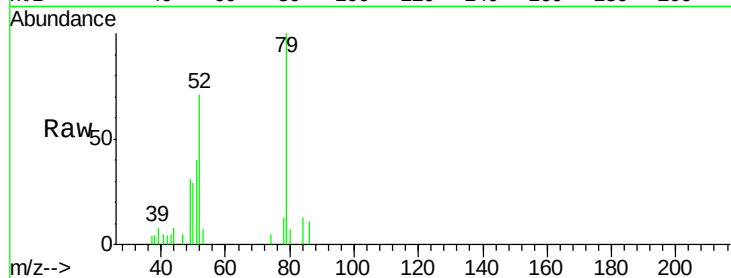
Tot Ion: 79 Resp: 33310

Ion Ratio Lower Upper

79 100

52 70.6 59.8 89.6

51 40.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 3.11 ng

RT: 3.47 min Scan# 235

Delta R.T. -0.02 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

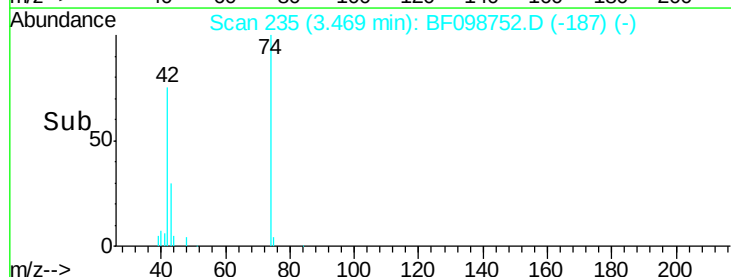
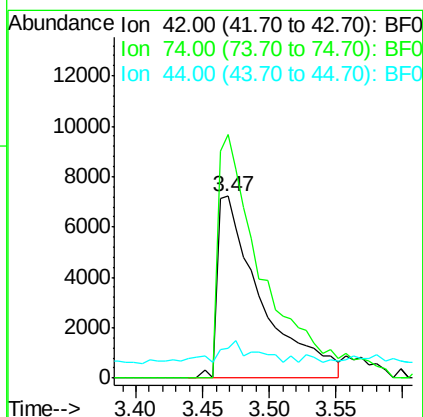
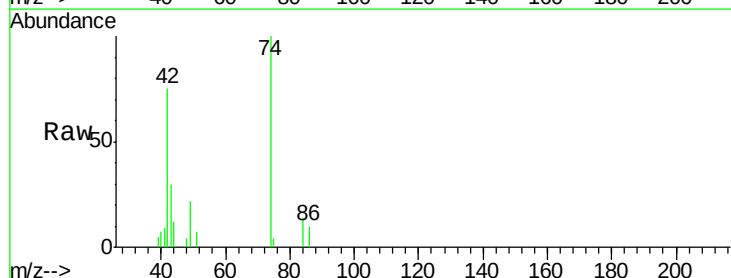
Tgt Ion: 42 Resp: 16566

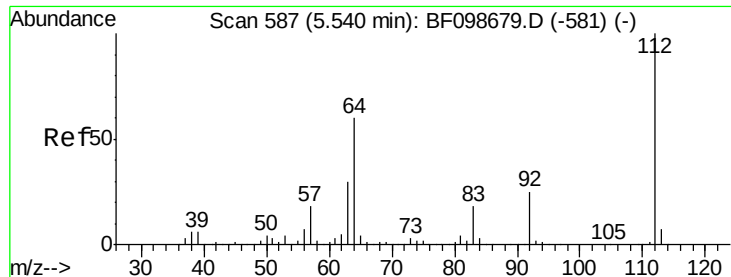
Ion Ratio Lower Upper

42 100

74 134.0 104.9 157.3

44 16.2 6.9 10.3#





#5

2-Fluorophenol

Concen: 11.65 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

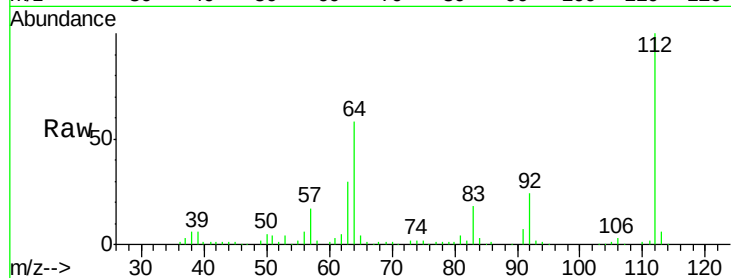
Tot Ion: 112 Resp: 113165

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

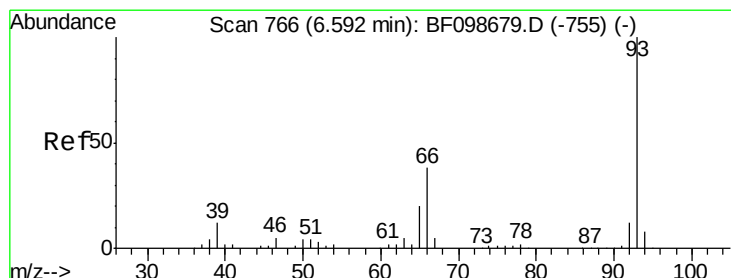
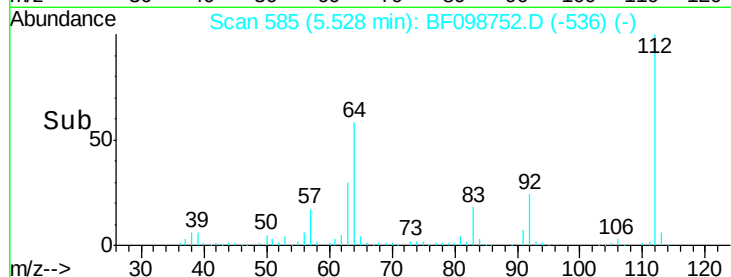
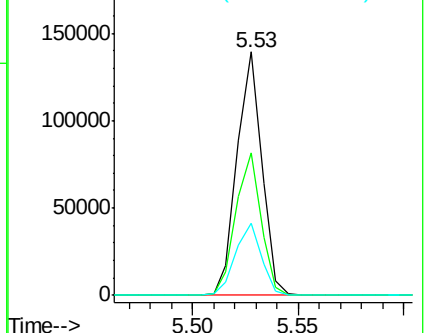
63 29.8 23.7 35.5



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: 2.26 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

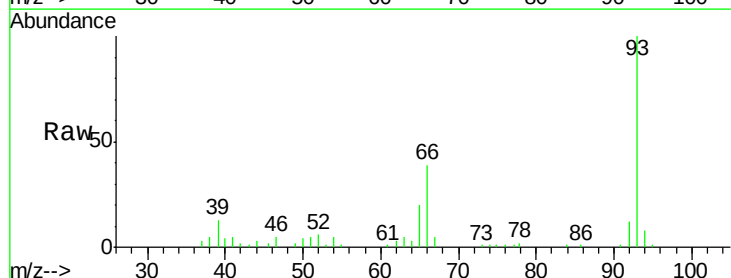
Tgt Ion: 93 Resp: 36523

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

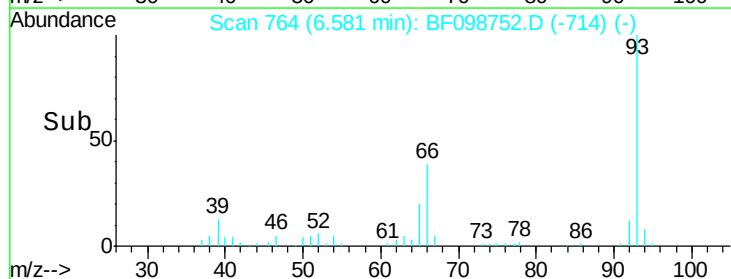
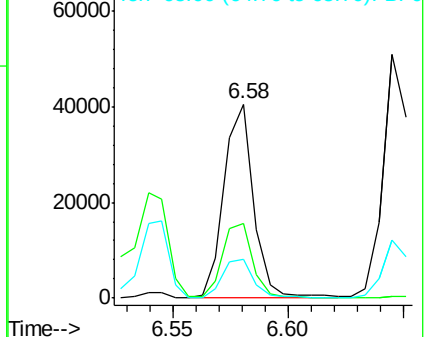
65 20.1 16.4 24.6

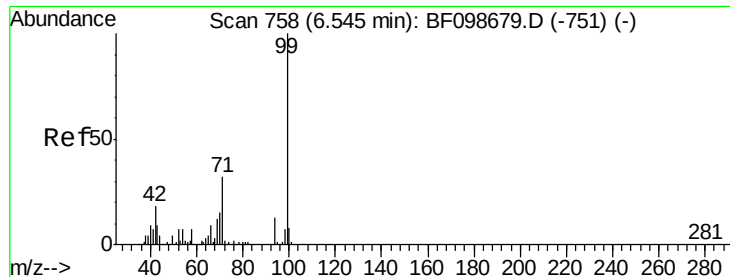


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 11.27 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

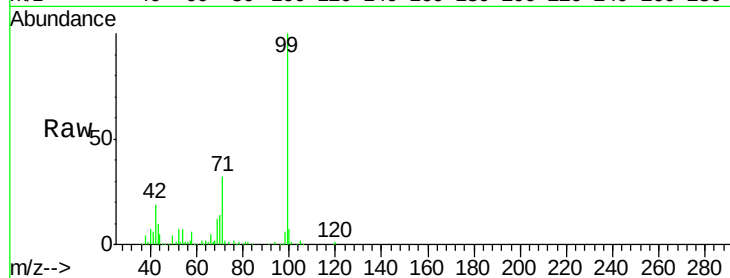
Tot Ion: 99 Resp: 135033

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

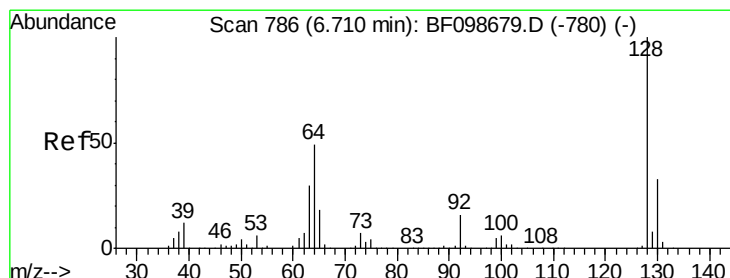
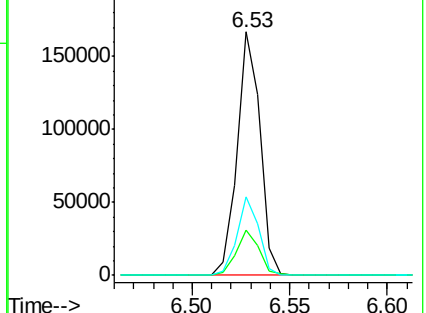
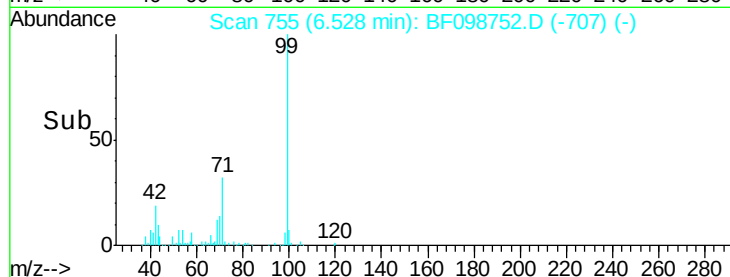
71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 3.69 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

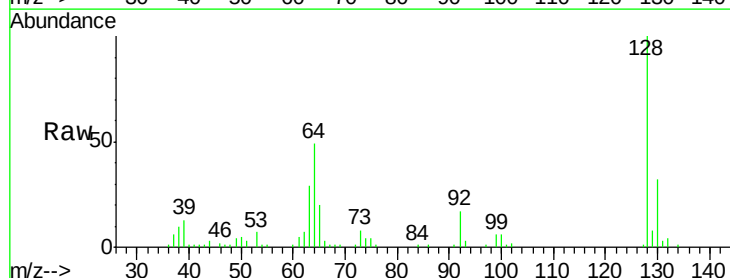
Tgt Ion: 128 Resp: 40538

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

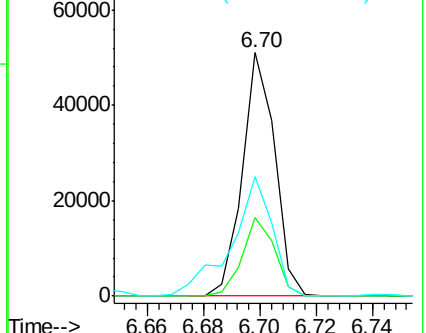
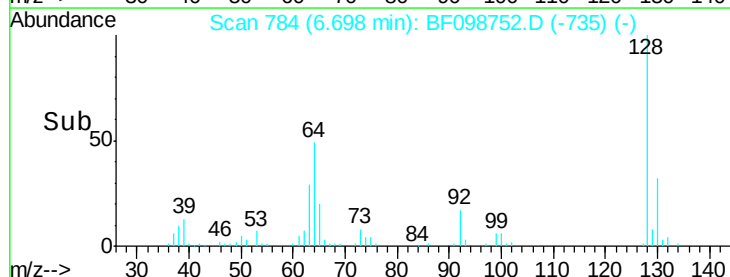
64 48.8 29.4 69.4

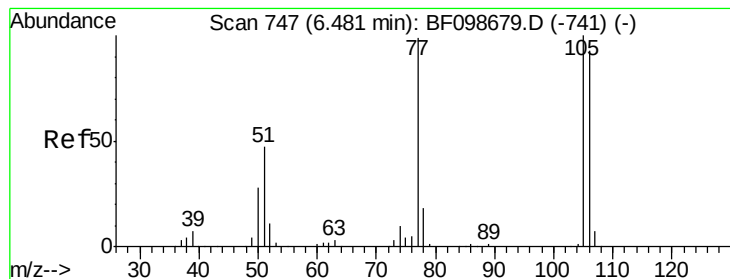


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 1.91 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

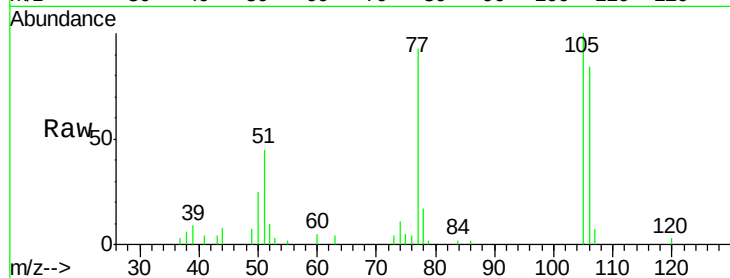
Tot Ion: 77 Resp: 13288

Ion Ratio Lower Upper

77 100

105 107.2 81.1 121.1

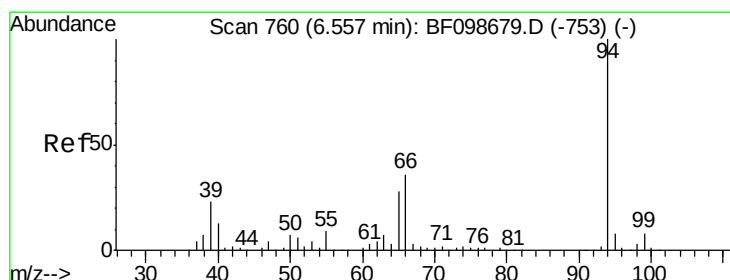
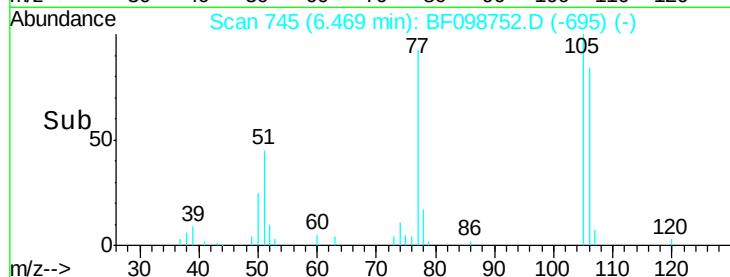
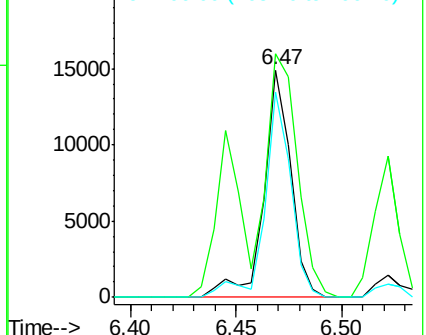
106 90.3 74.5 114.5



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: 3.88 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

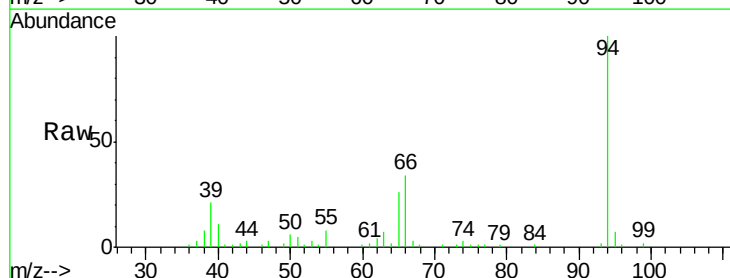
Tgt Ion: 94 Resp: 51932

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

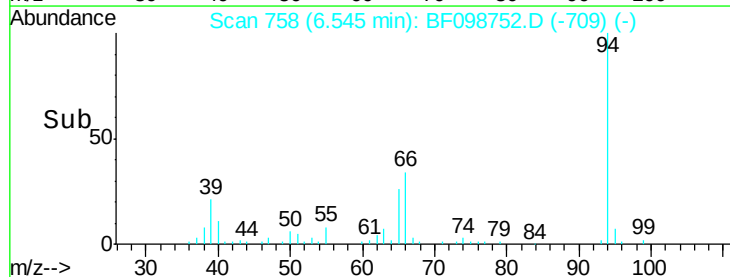
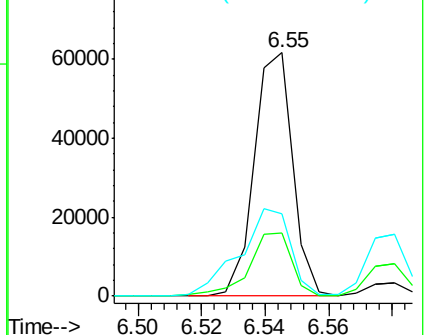
66 33.7 16.2 56.2

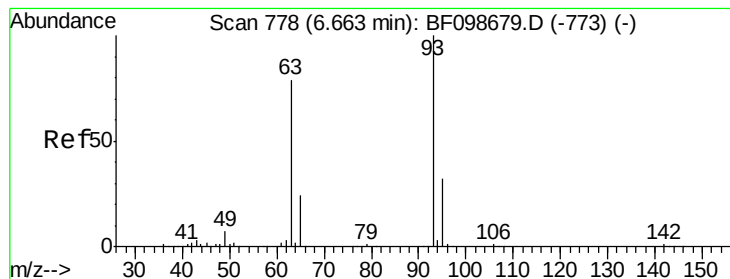


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 3.85 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

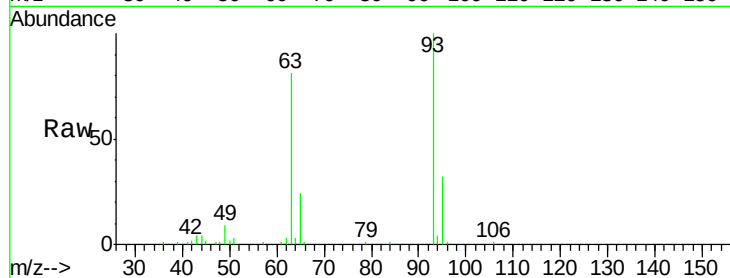
Tot Ion: 93 Resp: 40092

Ion Ratio Lower Upper

93 100

63 81.1 58.6 98.6

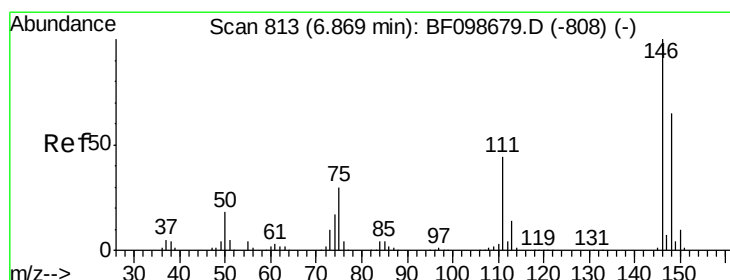
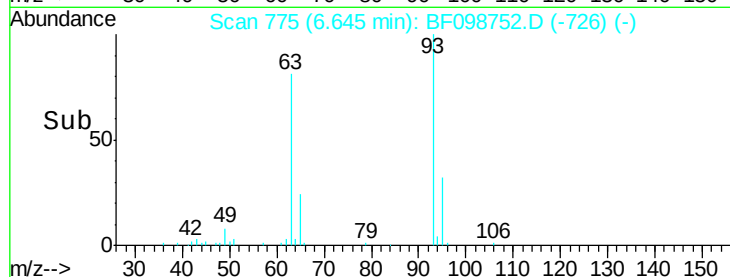
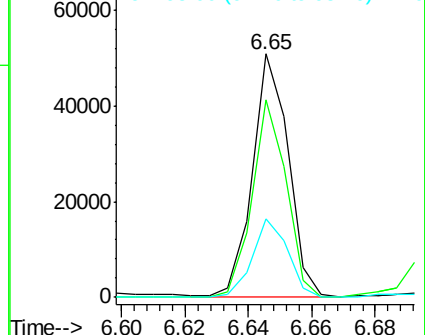
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 3.72 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

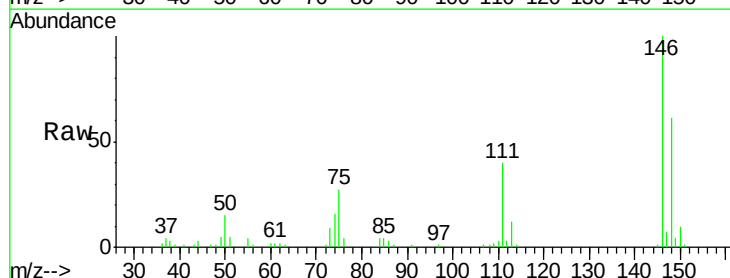
Tgt Ion: 146 Resp: 42837

Ion Ratio Lower Upper

146 100

148 61.5 51.8 77.8

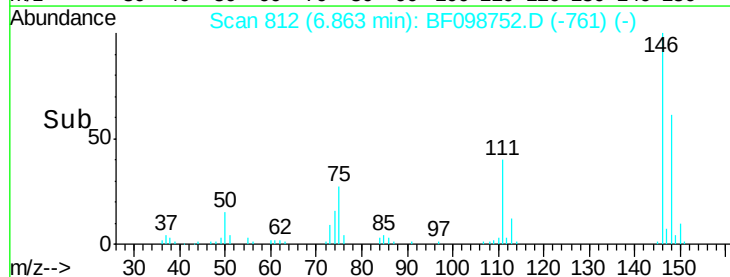
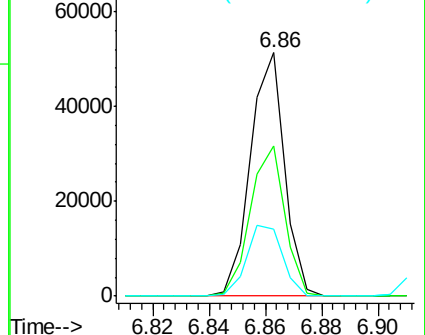
75 27.5 24.2 36.4

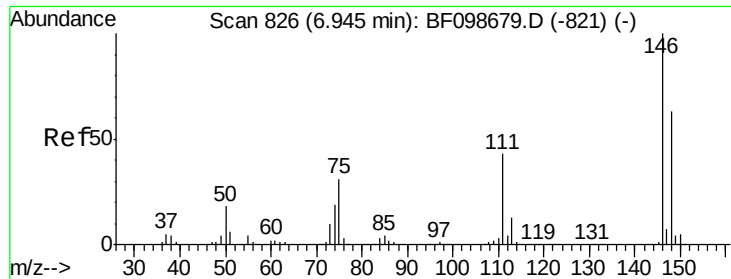


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

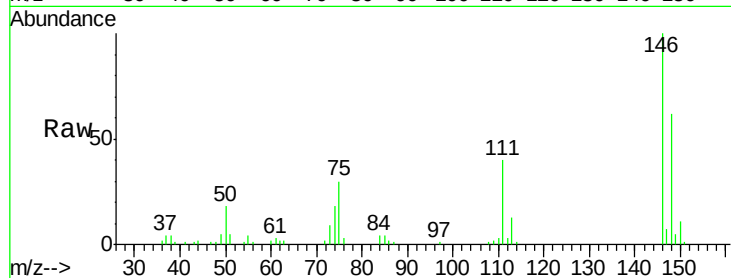




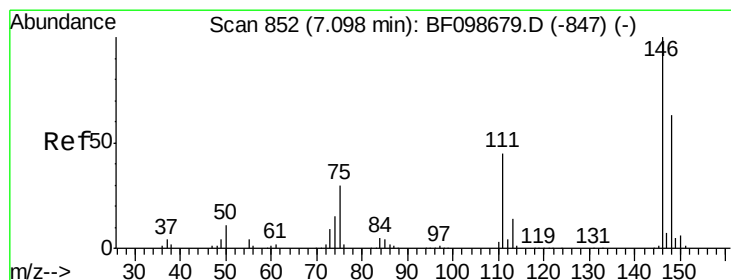
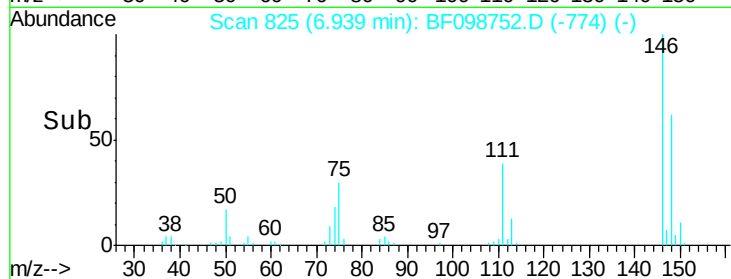
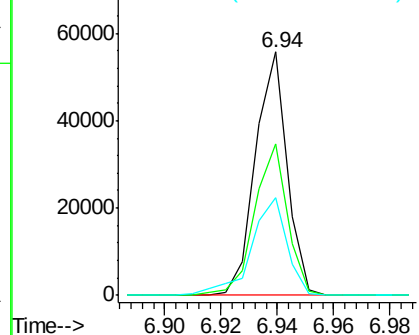
#13
 1,4-Dichlorobenzene
 Concen: 3.70 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 43372
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 39.9 34.2 51.2

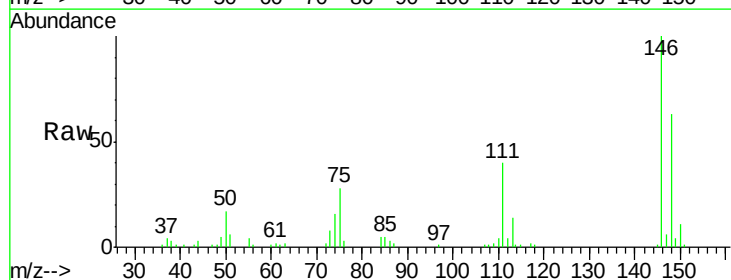


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

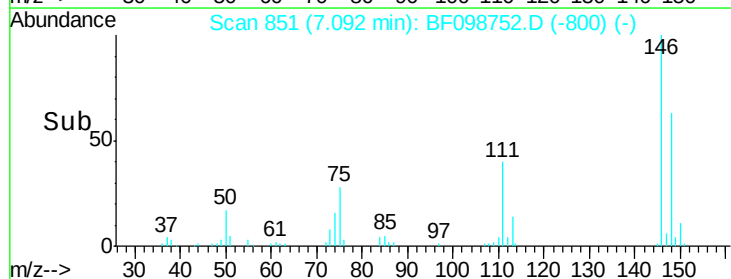
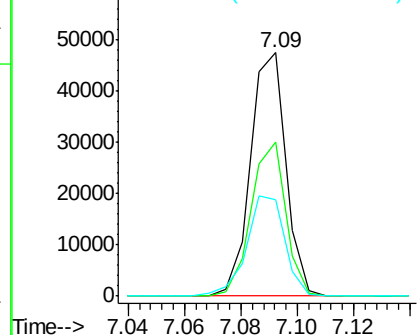


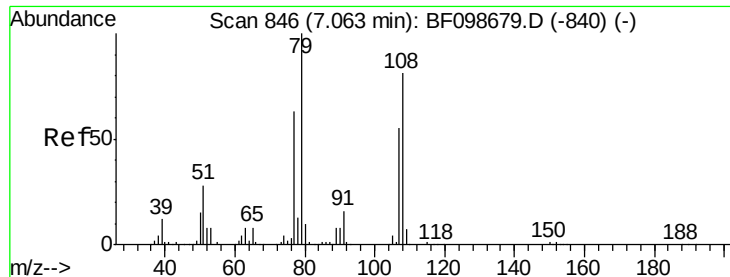
#14
 1,2-Dichlorobenzene
 Concen: 3.80 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:146 Resp: 41120
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 39.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 3.83 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

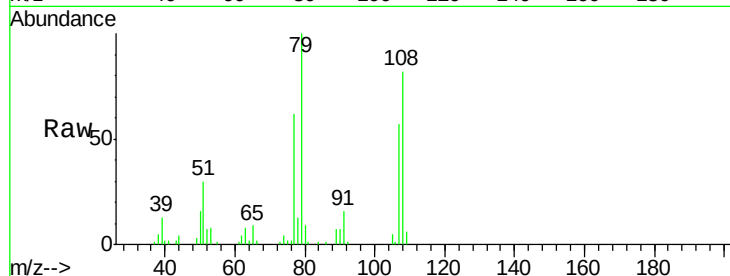
Tot Ion: 79 Resp: 33665

Ion Ratio Lower Upper

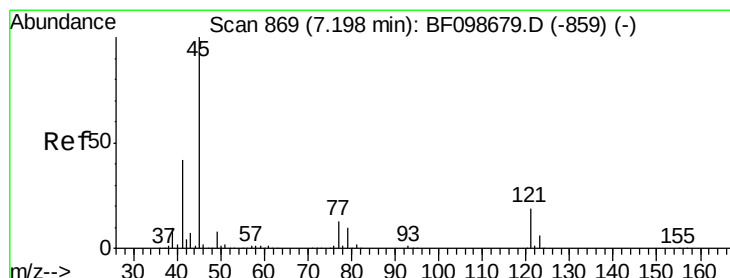
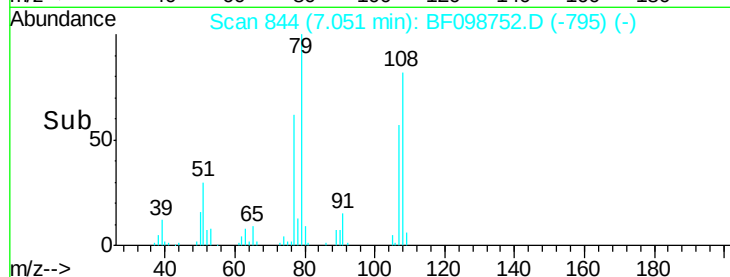
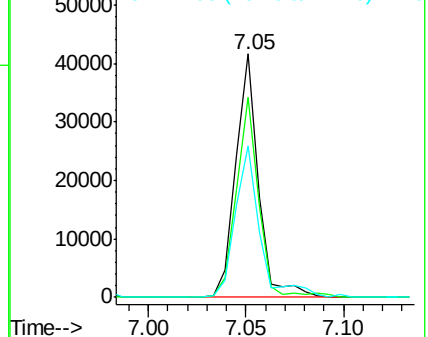
79 100

108 82.3 65.1 97.7

77 62.1 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: 3.84 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

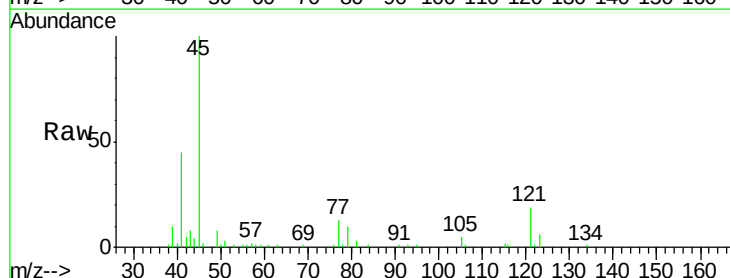
Tgt Ion: 45 Resp: 62357

Ion Ratio Lower Upper

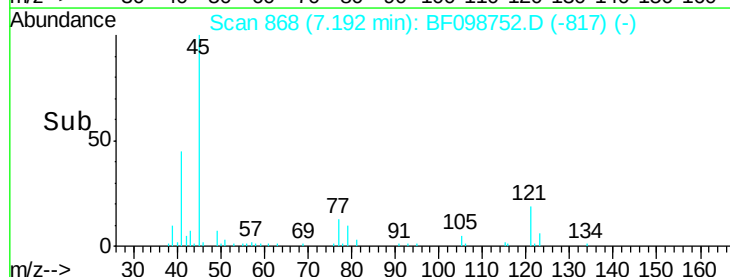
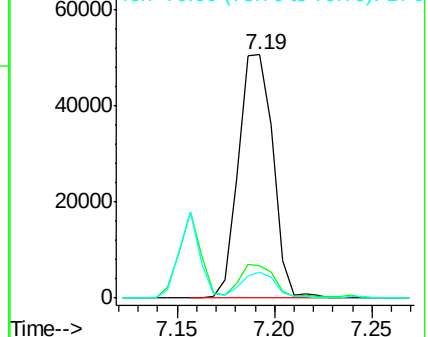
45 100

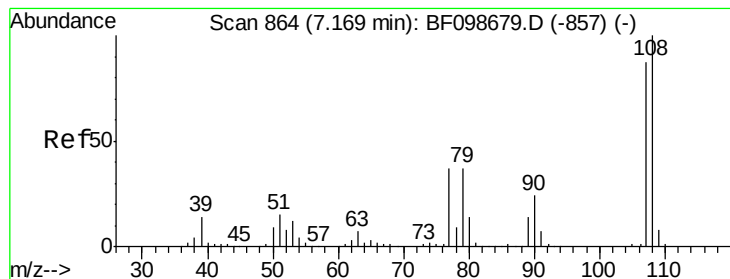
77 13.4 0.0 32.9

79 10.4 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

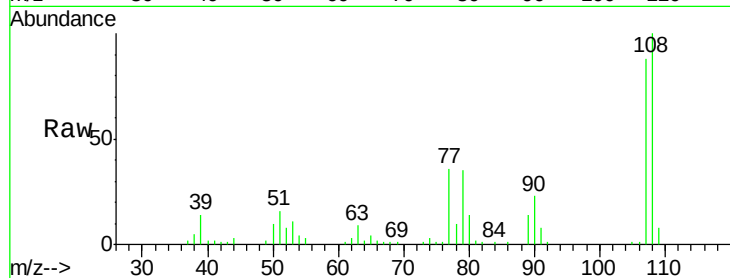




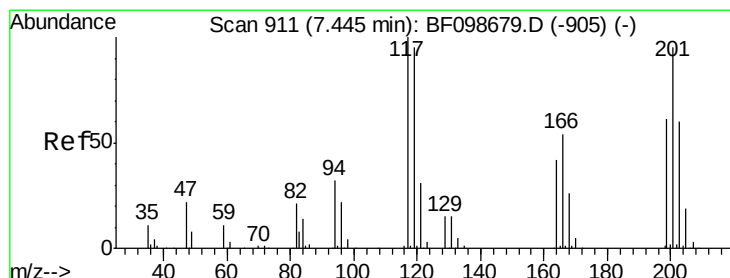
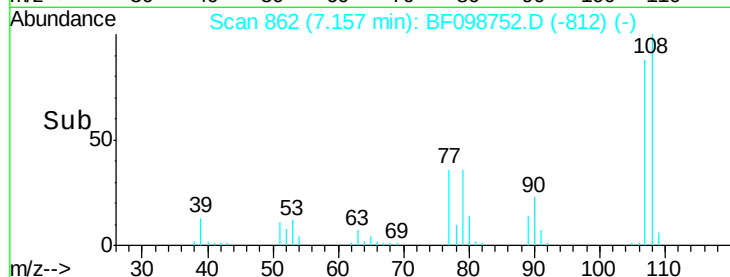
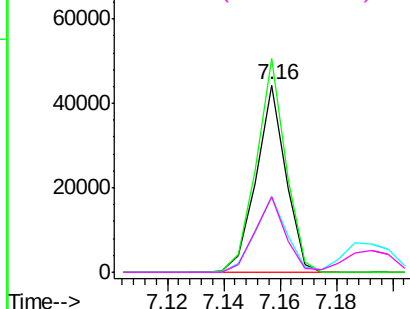
#17
2-Methylphenol
Concen: 3.58 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 32213
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 40.6 33.8 50.8
79 40.4 33.8 50.8

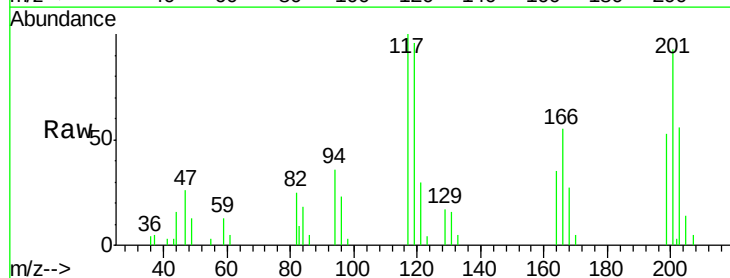


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

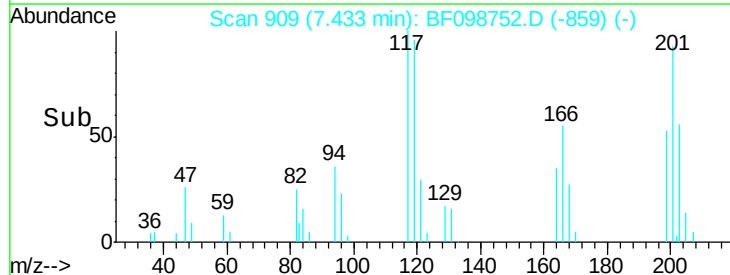
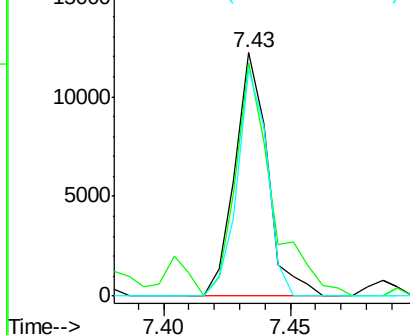


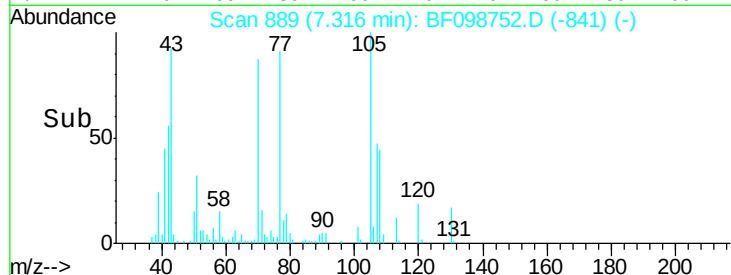
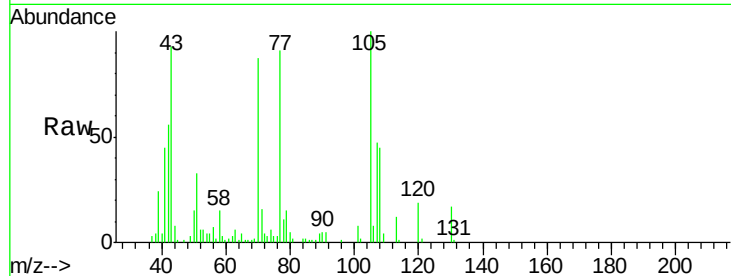
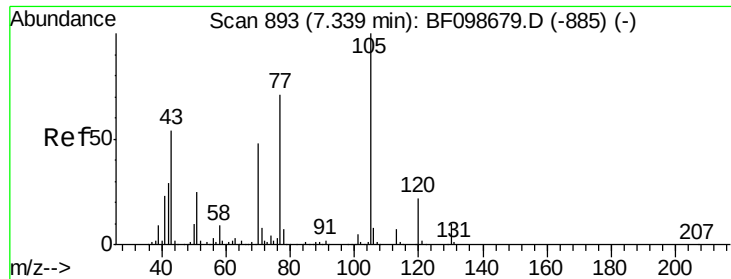
#18
Hexachloroethane
Concen: 2.61 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:117 Resp: 10985
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 95.8 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

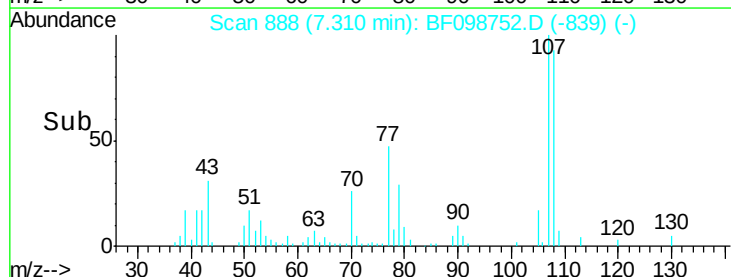
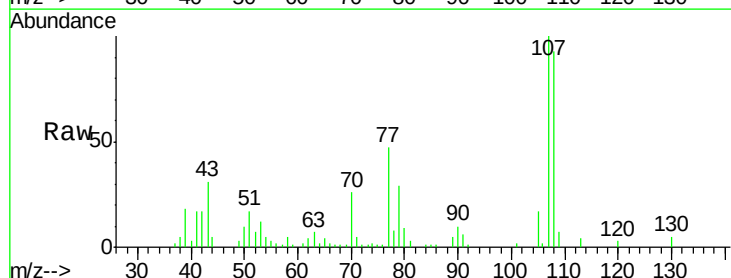
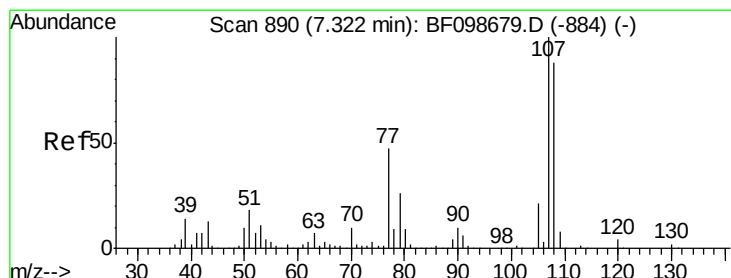
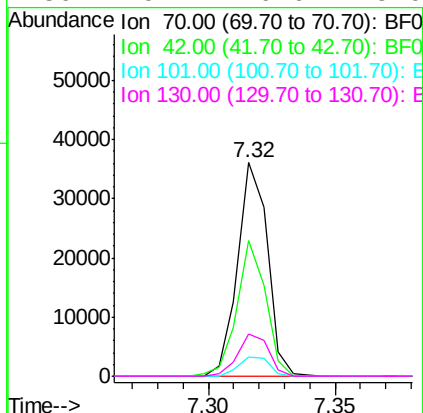




#19
n-Nitroso-di-n-propylamine
Concen: 3.88 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

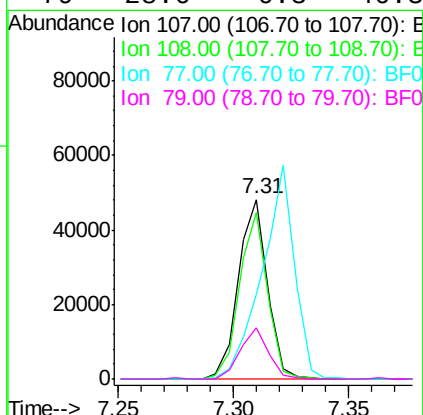
Instrument :
BNA_F
ClientSampled :

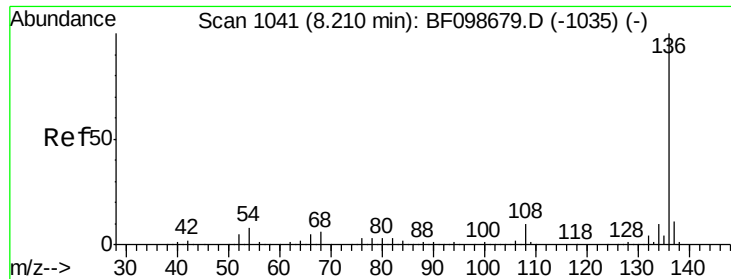
Tot Ion:	70	Resp:	29653
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.5	71.3
101	9.0	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 3.71 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:	107	Resp:	42216
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	46.9	26.7	66.7
79	28.6	6.3	46.3

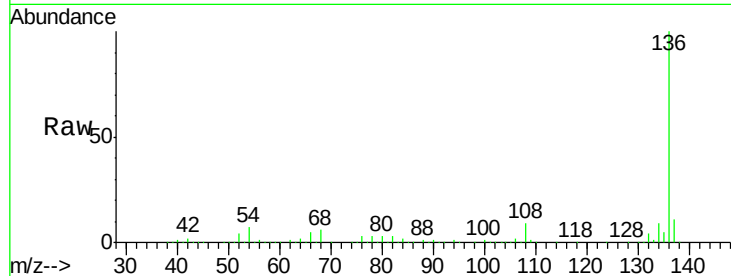




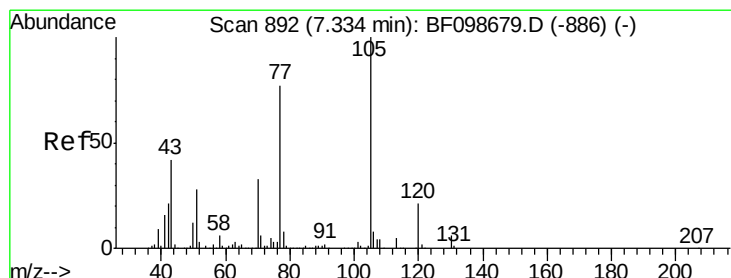
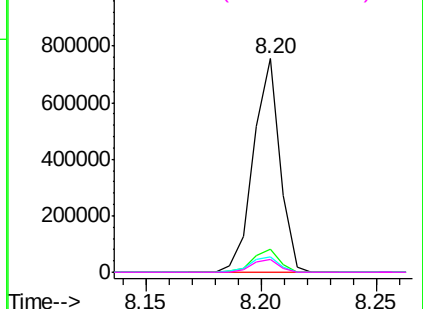
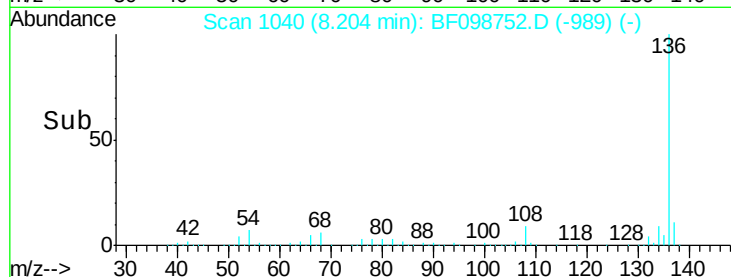
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	606674
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.5	6.6 9.8
68	5.9	5.0 7.4

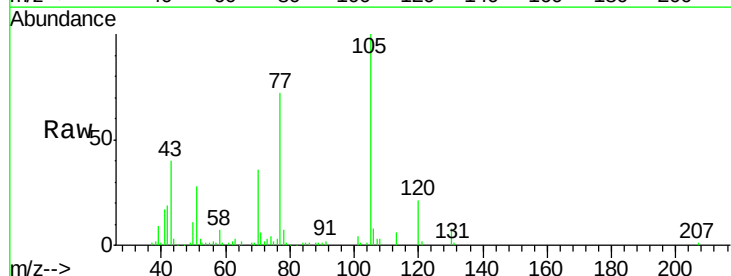


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

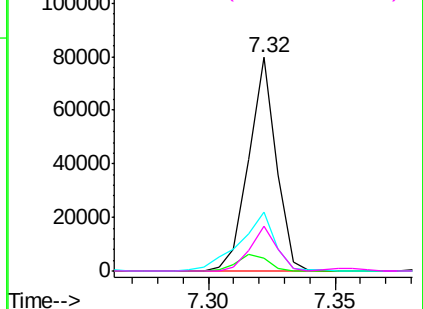
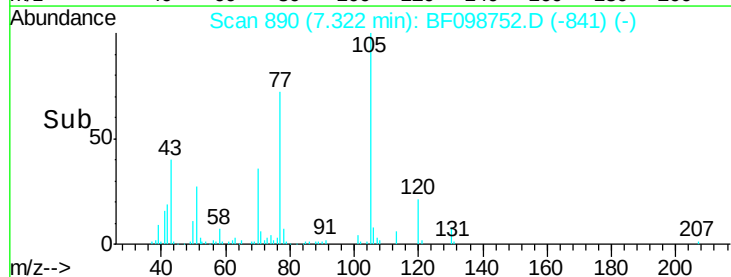


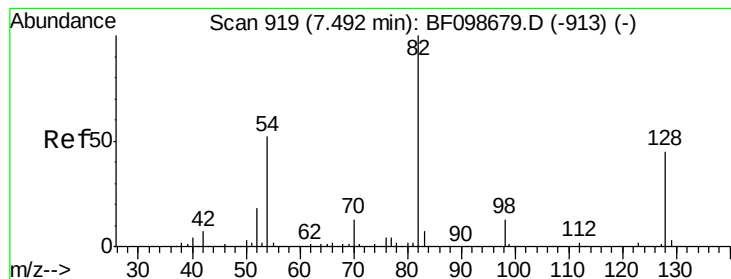
#22
Acetophenone
Concen: 4.10 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:105	Resp:	60221
Ion	Ratio	Lower Upper
105	100	
71	5.9	4.4 6.6
51	27.6	22.3 33.5
120	20.7	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: 8.11 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

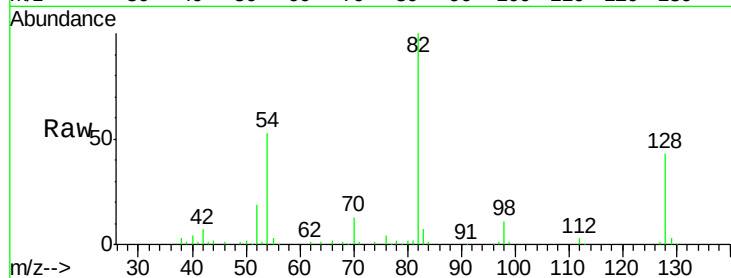
Tot Ion: 82 Resp: 76757

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

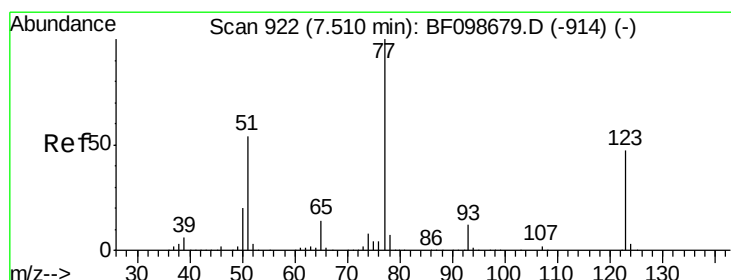
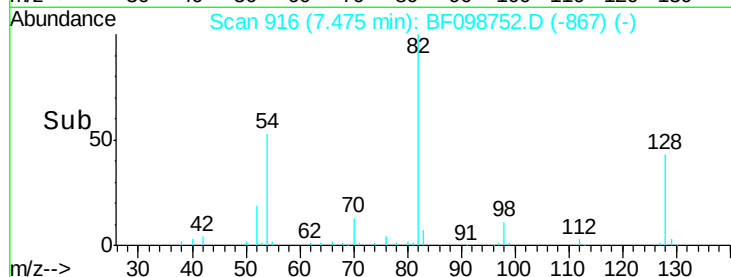
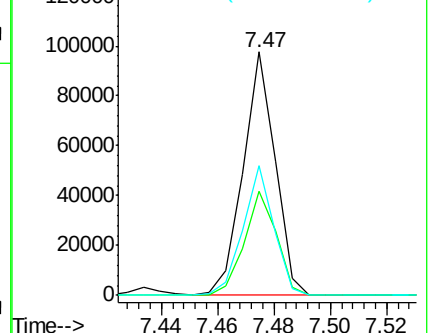
54 53.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3.79 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

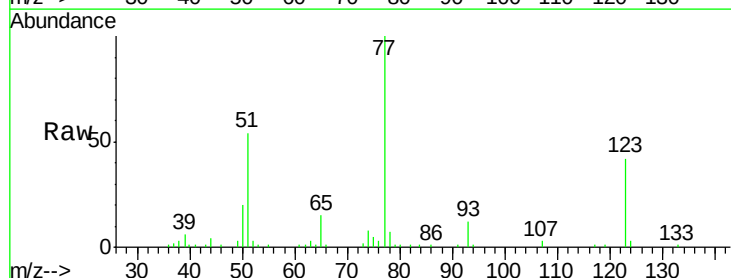
Tgt Ion: 77 Resp: 40643

Ion Ratio Lower Upper

77 100

123 42.3 37.9 56.9

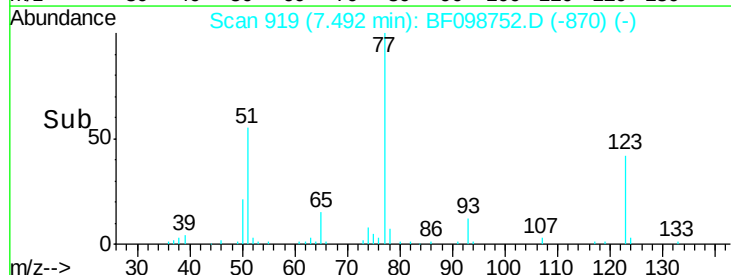
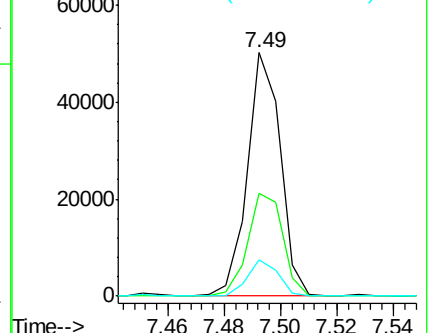
65 14.7 11.0 16.4

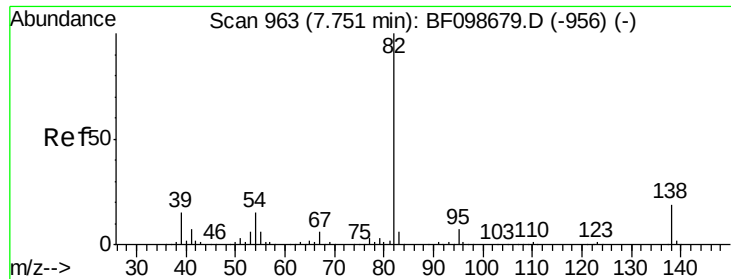


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 3.77 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

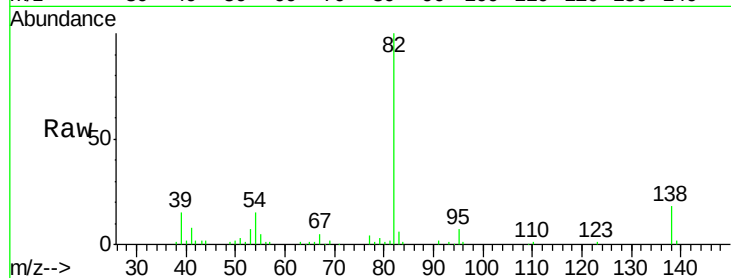
Tot Ion: 82 Resp: 73751

Ion Ratio Lower Upper

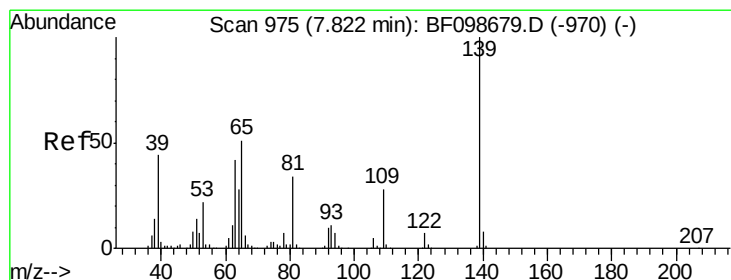
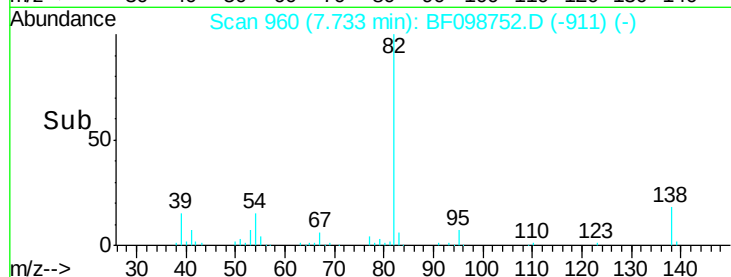
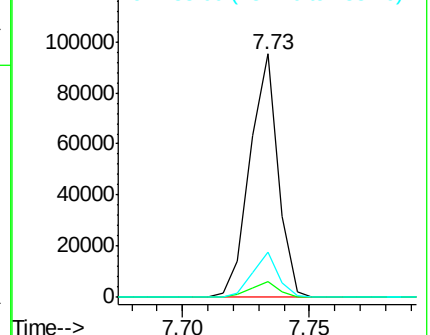
82 100

95 6.7 5.2 7.8

138 18.4 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: 2.92 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

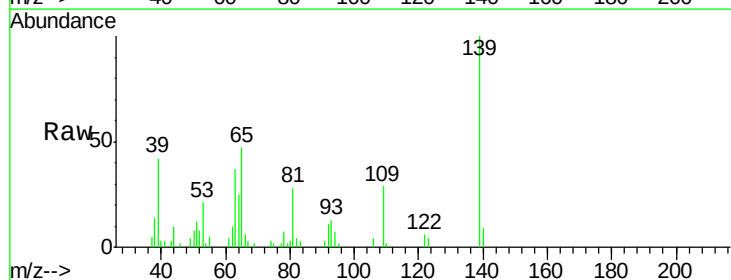
Tgt Ion: 139 Resp: 15092

Ion Ratio Lower Upper

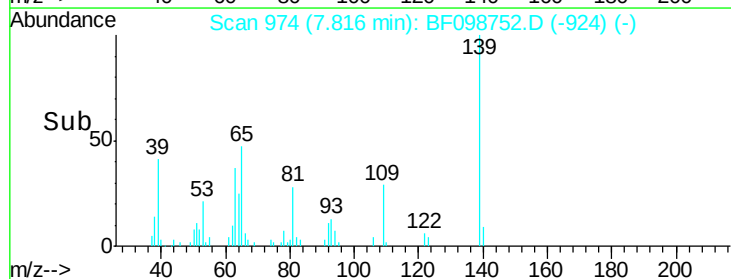
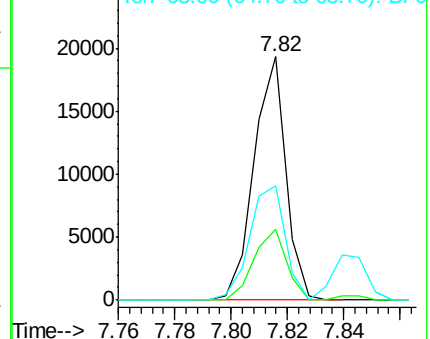
139 100

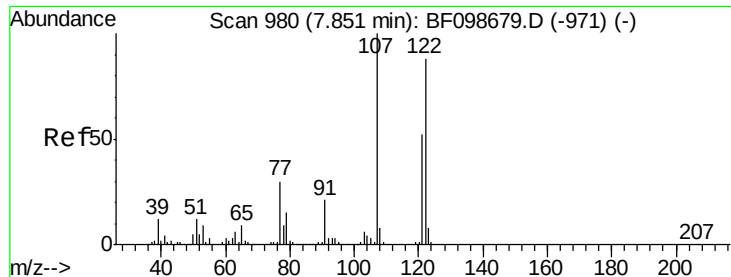
109 28.8 22.7 34.1

65 46.9 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 3.60 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

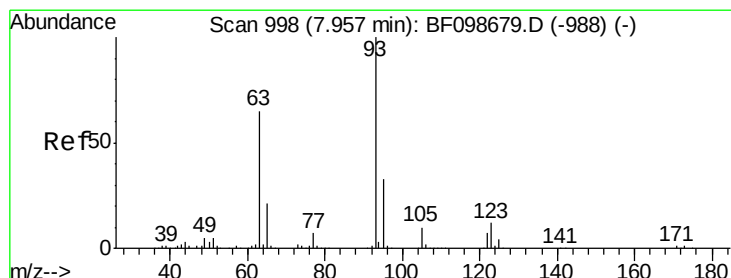
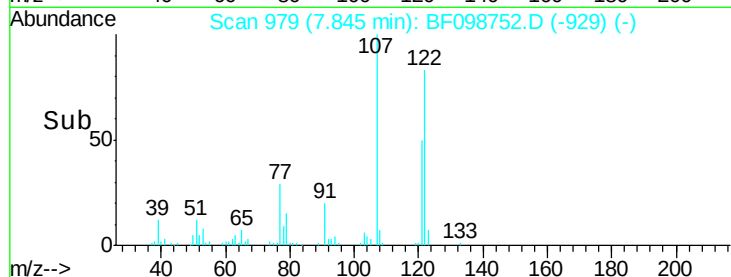
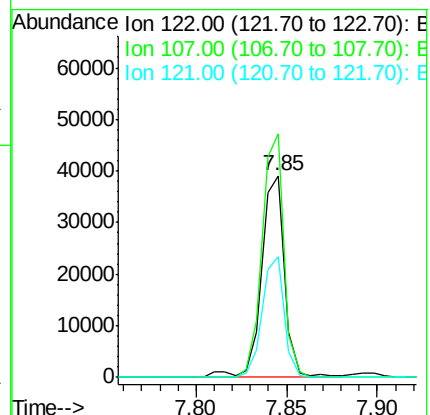
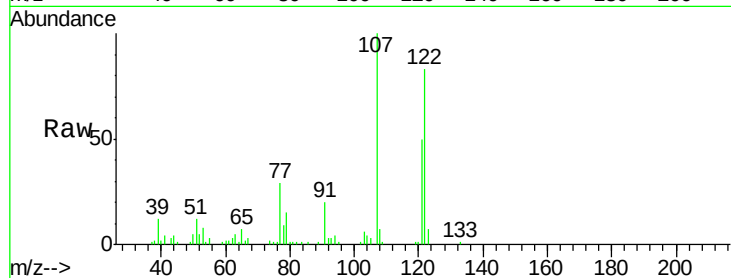
Tot Ion:122 Resp: 35062

Ion Ratio Lower Upper

122 100

107 120.9 91.2 136.8

121 60.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 3.94 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

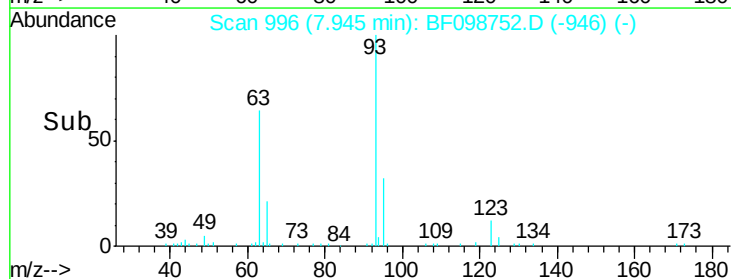
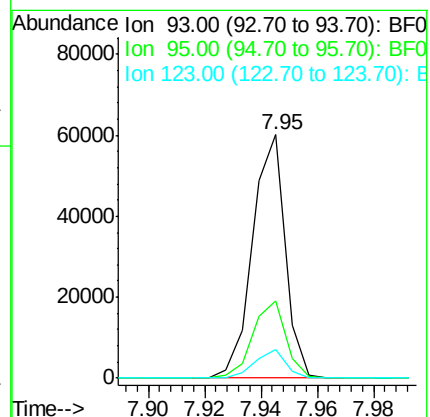
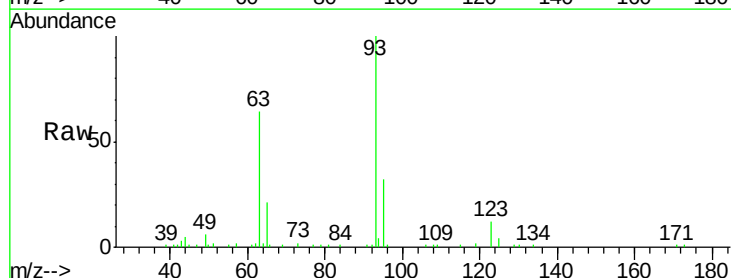
Tgt Ion: 93 Resp: 48032

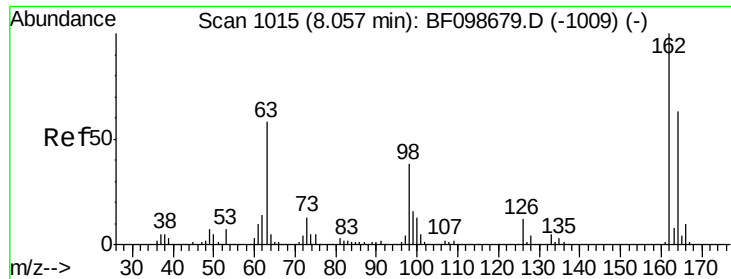
Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

123 11.5 9.8 14.6

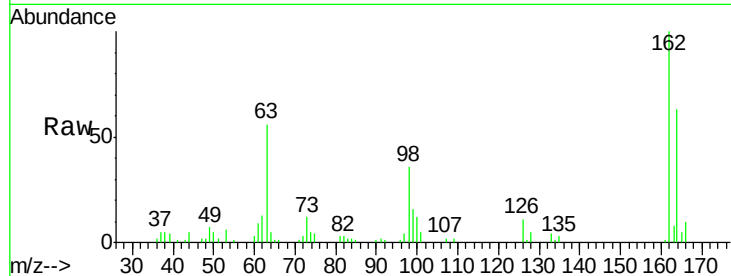




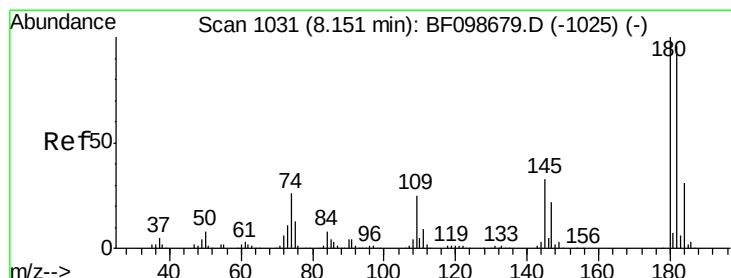
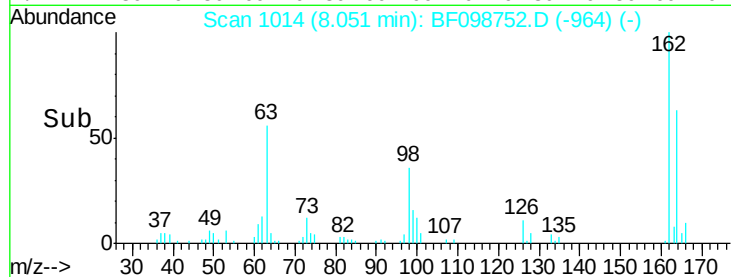
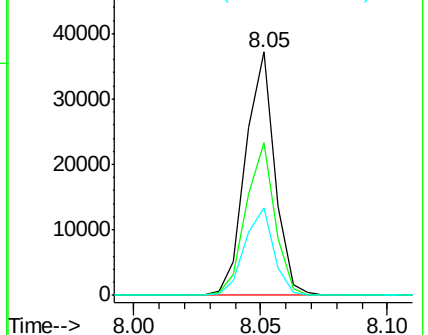
#29
 2,4-Dichlorophenol
 Concen: 3.55 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 29715
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 36.1 18.1 58.1

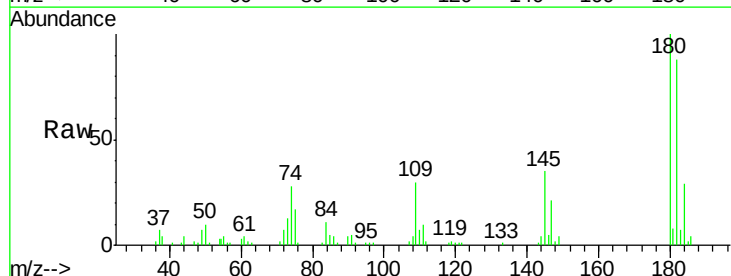


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

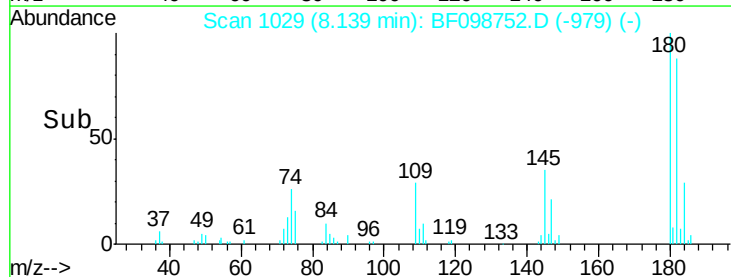
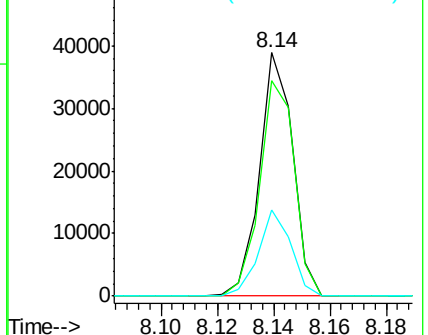


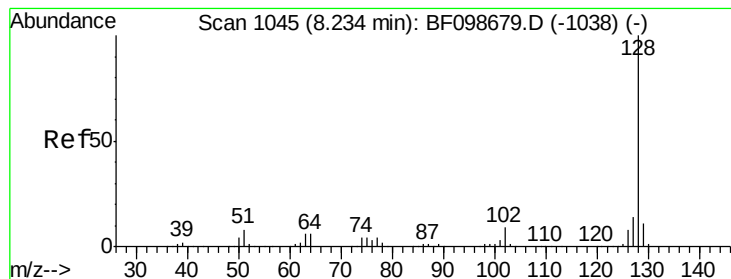
#30
 1,2,4-Trichlorobenzene
 Concen: 3.80 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:180 Resp: 31821
 Ion Ratio Lower Upper
 180 100
 182 88.3 76.8 115.2
 145 35.5 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: 6.09 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

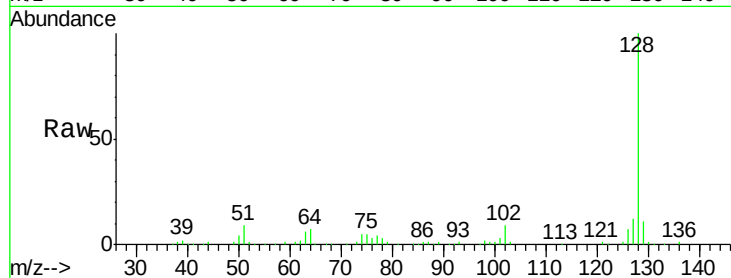
Tot Ion:128 Resp: 173526

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

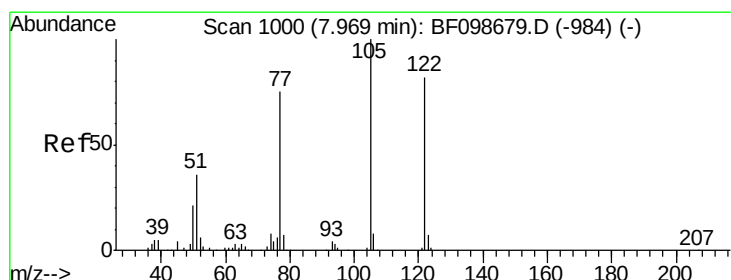
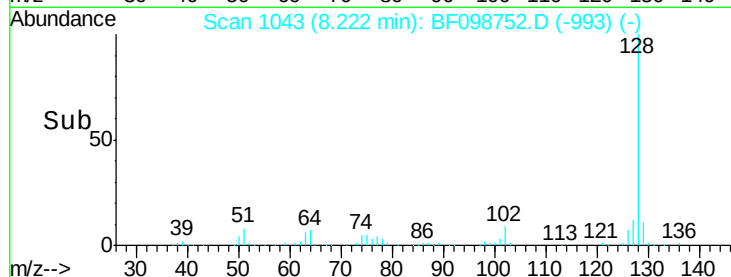
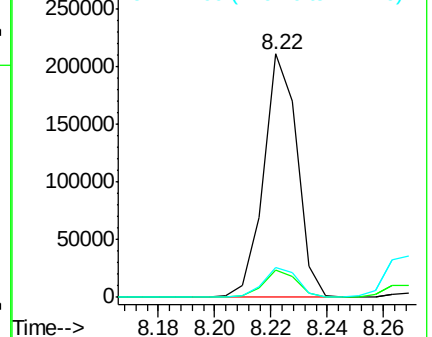
127 12.5 10.9 16.3



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: 4.38 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.13 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

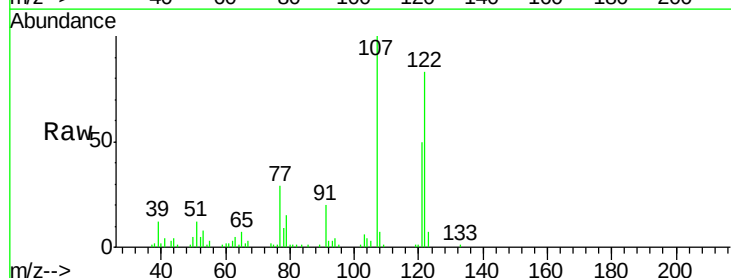
Tgt Ion:122 Resp: 35062

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

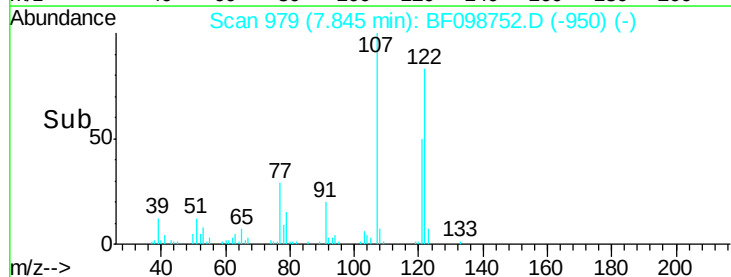
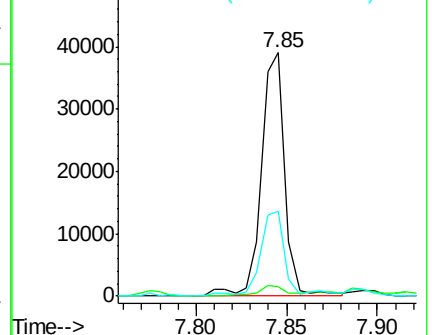
77 34.7 70.7 110.7#

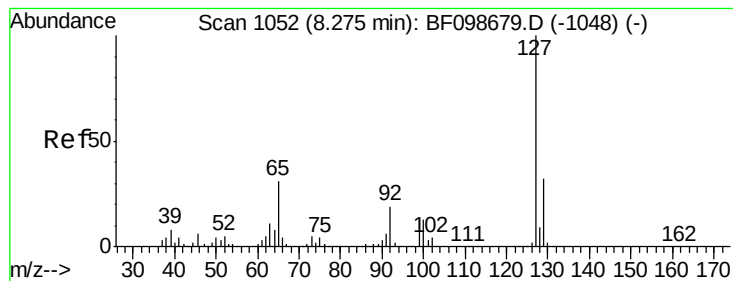


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.65 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 31473

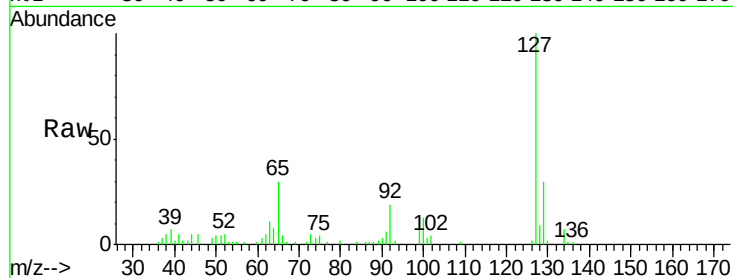
Ion Ratio Lower Upper

127 100

129 29.8 25.9 38.9

65 30.3 25.0 37.4

92 19.3 15.2 22.8

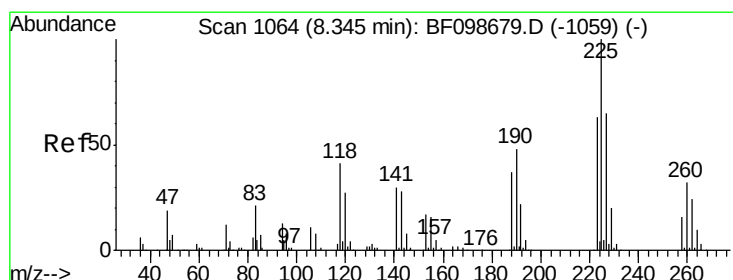
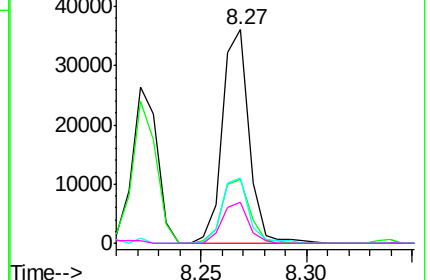
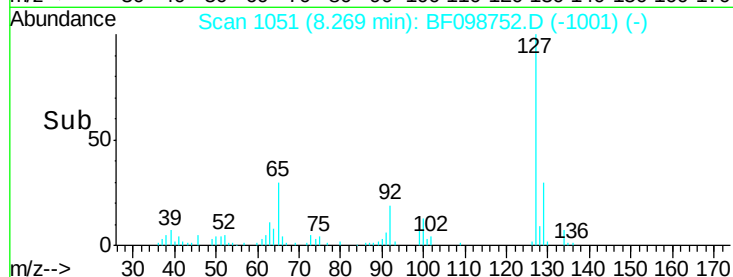


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 3.90 ng

RT: 8.34 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

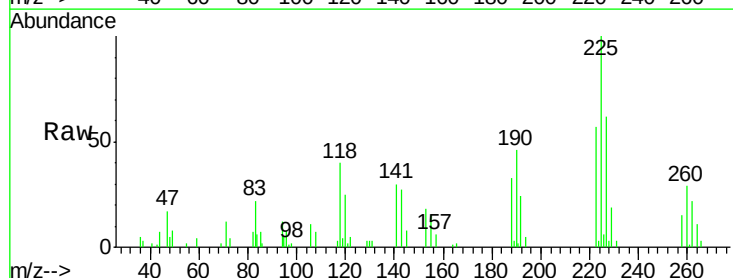
Tgt Ion:225 Resp: 16810

Ion Ratio Lower Upper

225 100

223 57.4 50.6 76.0

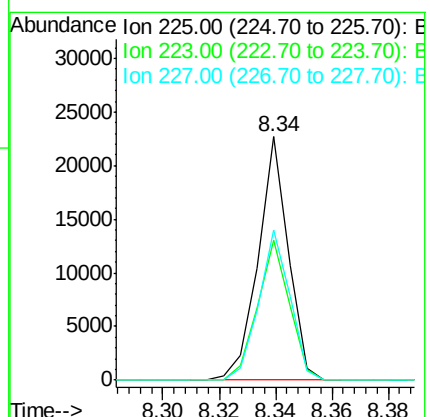
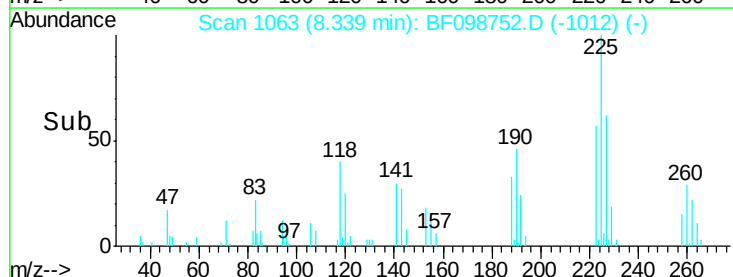
227 65.0 51.9 77.9

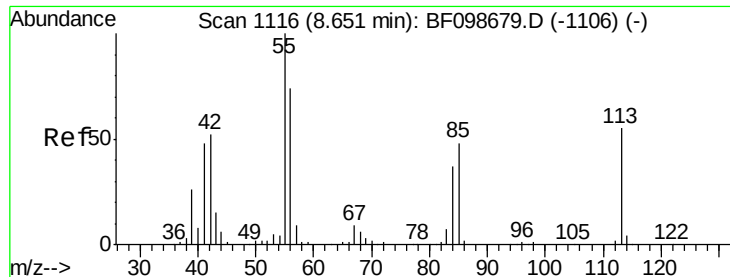


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

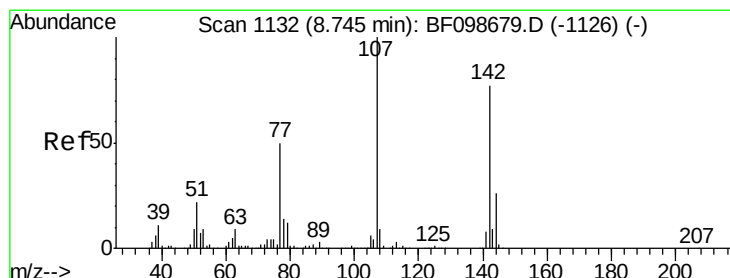
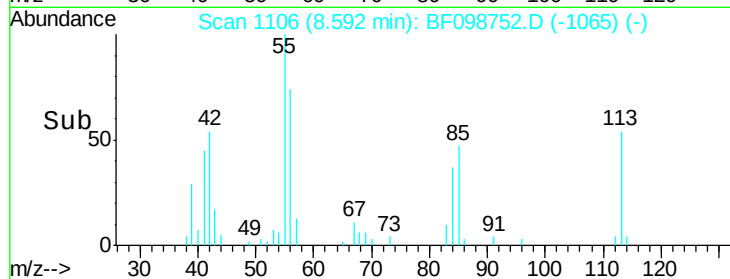
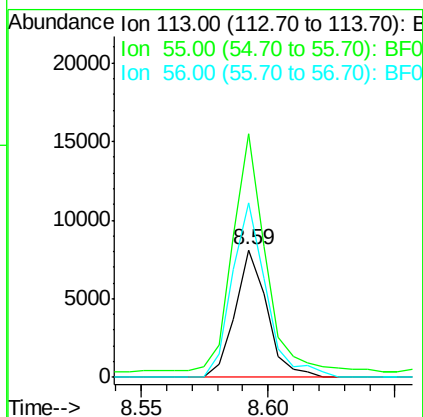
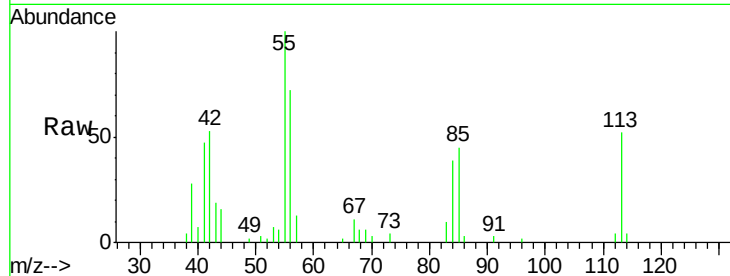




#35
 Caprolactam
 Concen: 2.65 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.06 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

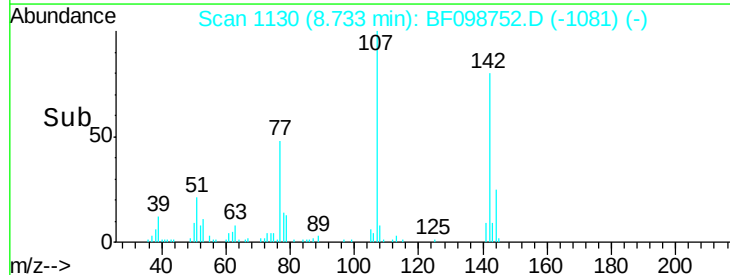
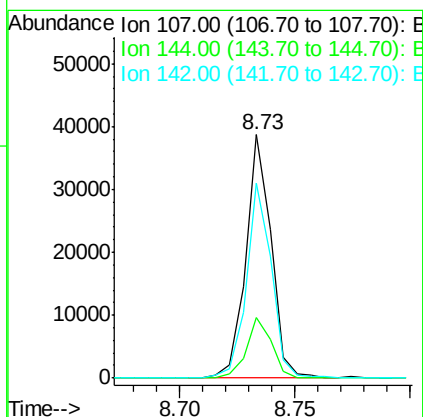
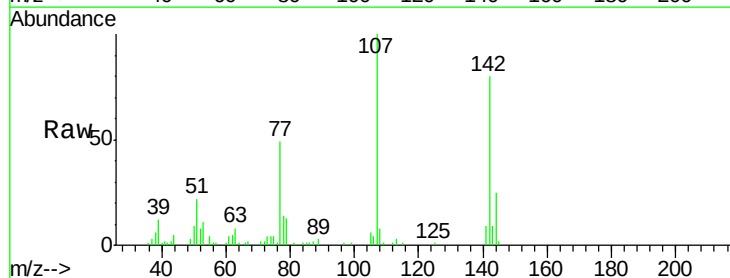
Instrument :
 BNA_F
 ClientSampleId :

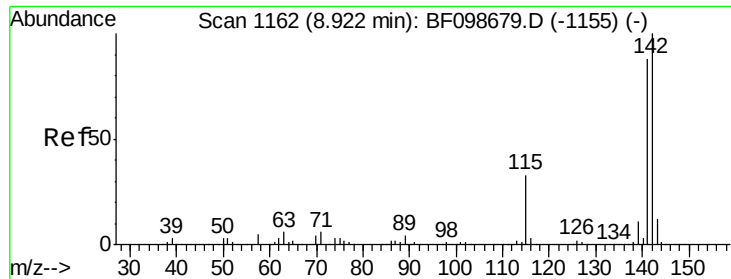
Tot Ion:113 Resp: 7111
 Ion Ratio Lower Upper
 113 100
 55 191.2 163.3 203.3
 56 137.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 3.15 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:107 Resp: 29641
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 80.0 62.0 93.0

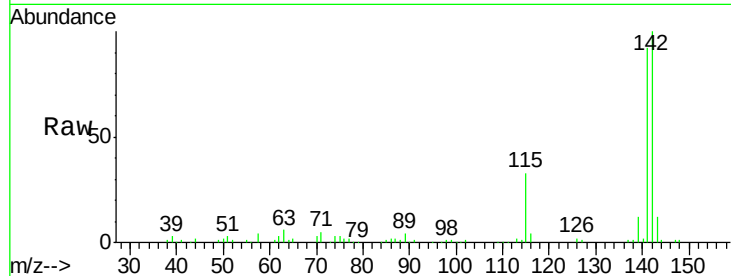




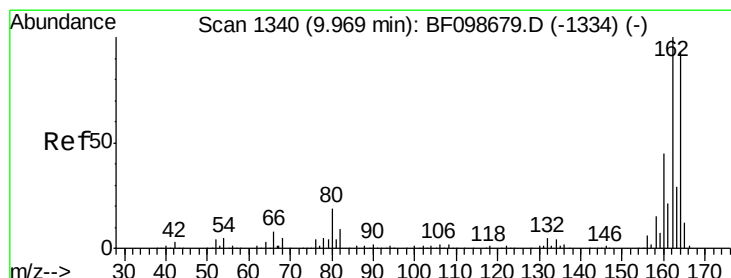
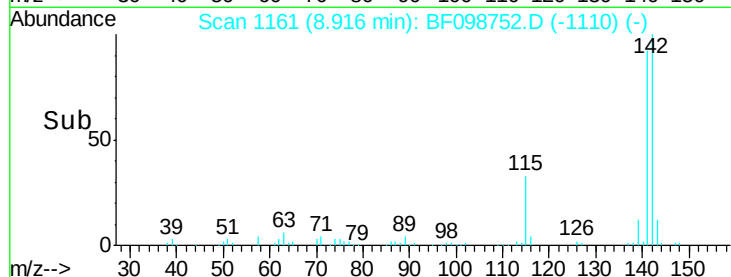
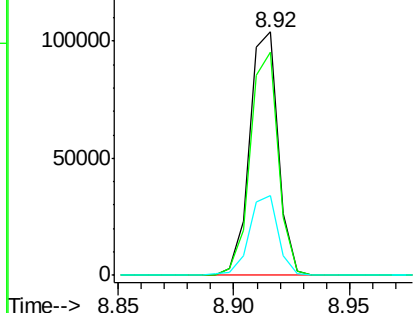
#37
 2-Methylnaphthalene
 Concen: 4.88 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 90466
 Ion Ratio Lower Upper
 142 100
 141 91.7 70.8 106.2
 115 32.9 26.1 39.1

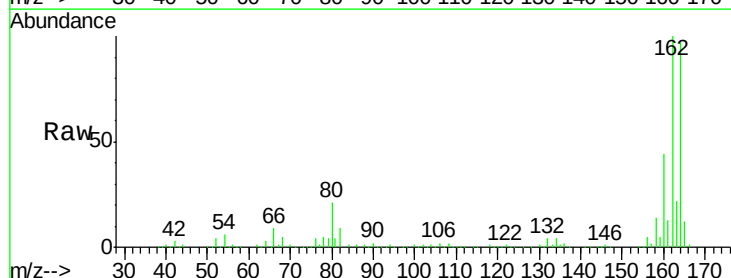


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

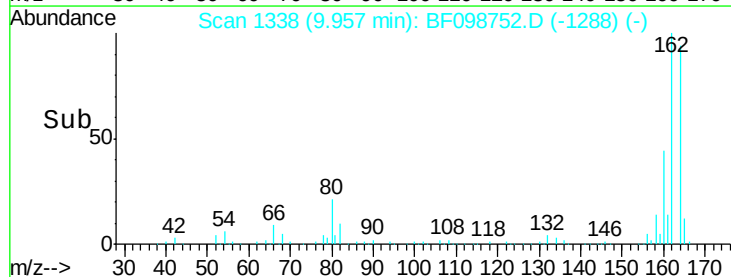
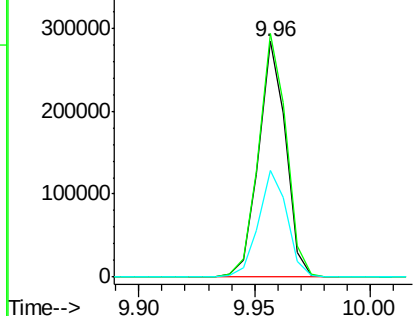


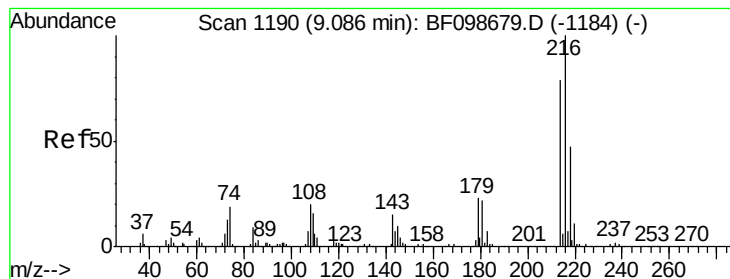
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:164 Resp: 233716
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.5 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: 3.92 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098752.D

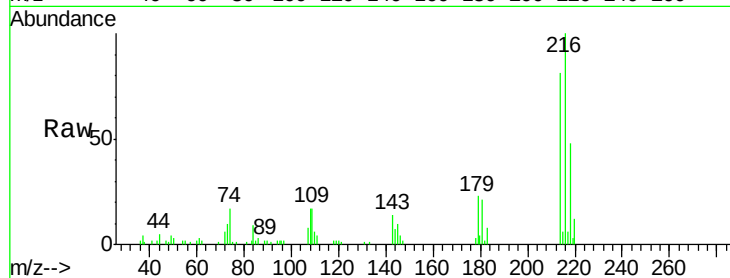
Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	27327
Ion Ratio	Lower	Upper
216	100	
214	80.5	63.0 94.4
179	24.6	18.1 27.1
108	21.1	17.2 25.8

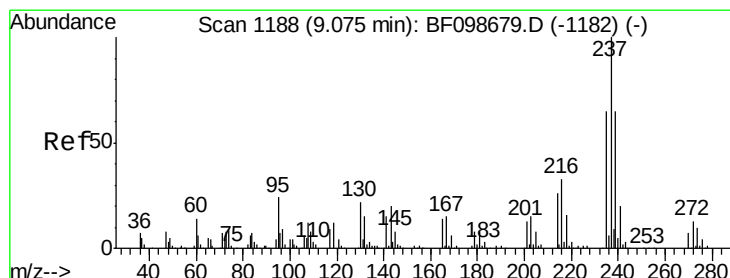
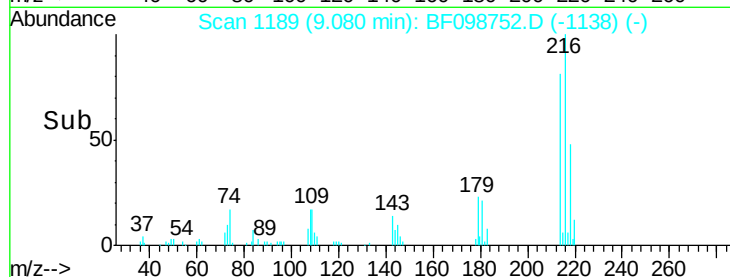
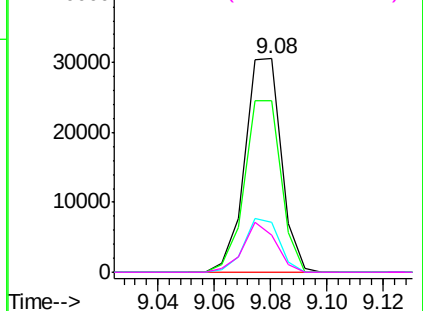


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.15 ng

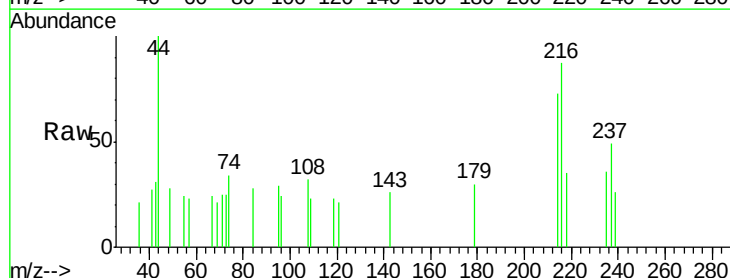
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

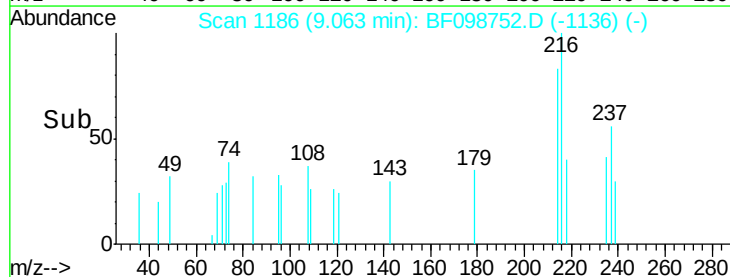
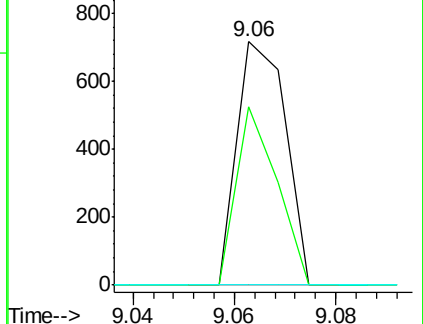
Tgt Ion:237	Resp:	477
Ion Ratio	Lower	Upper
237	100	
235	73.1	44.8 84.8
272	0.0	0.0 33.3

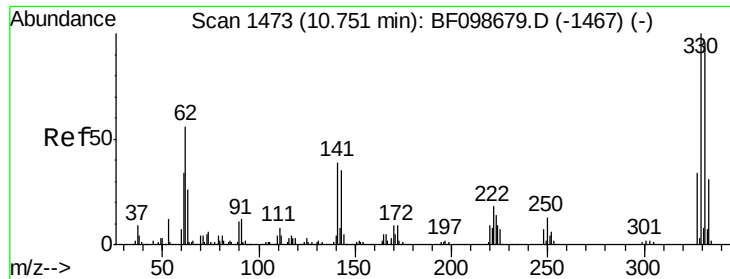


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

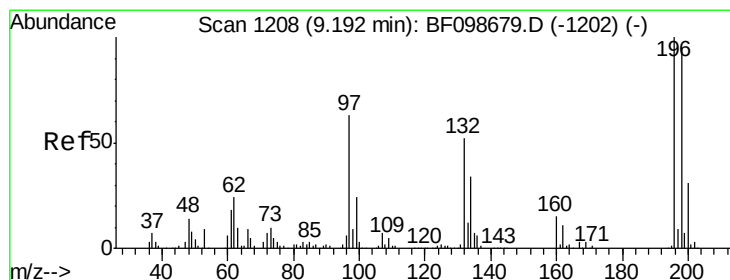
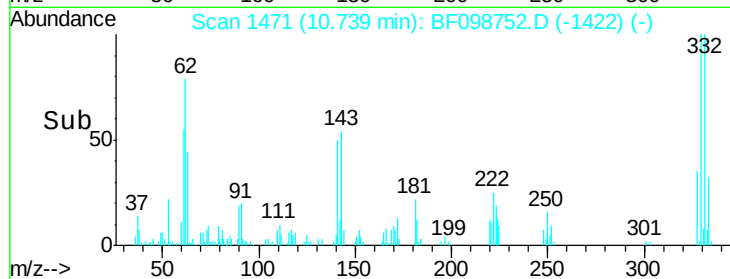
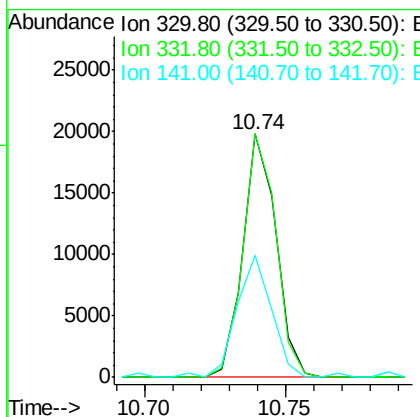
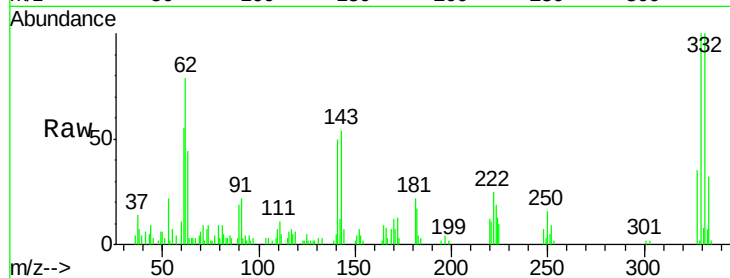




#41
 2,4,6-Tribromophenol
 Concen: 8.46 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

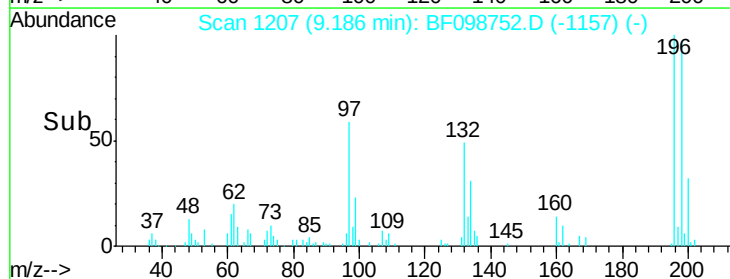
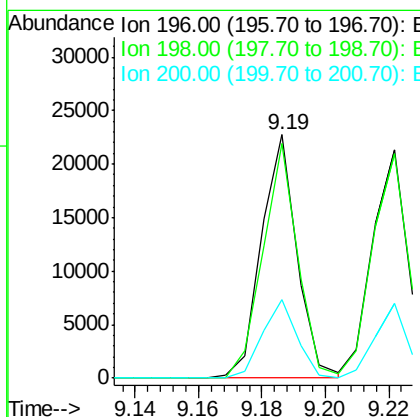
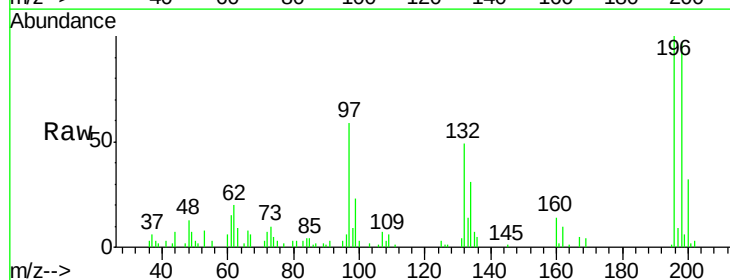
Instrument :
 BNA_F
 ClientSampled :

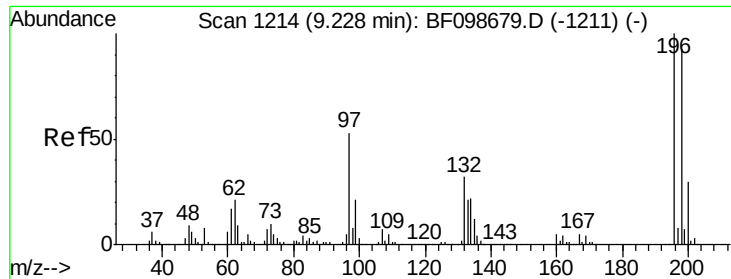
Tot Ion:330 Resp: 16180
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.0 115.6
 141 52.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 3.60 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:196 Resp: 17768
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 200 32.0 24.5 36.7

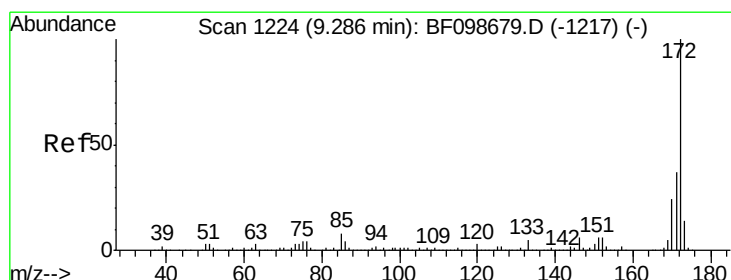
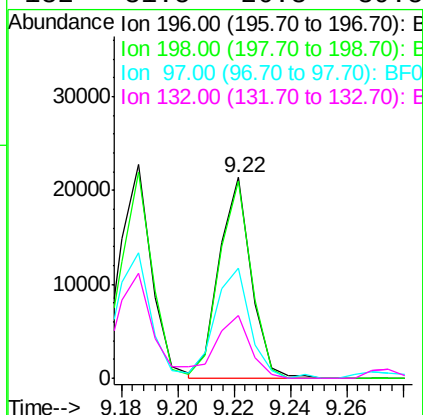
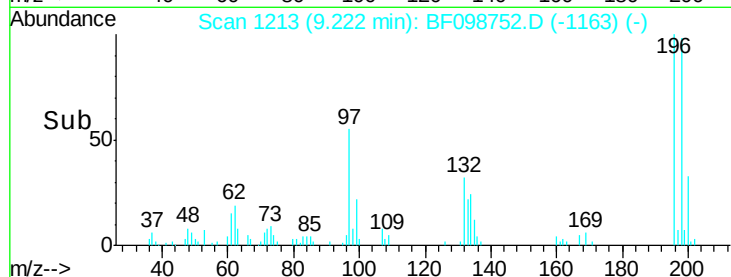
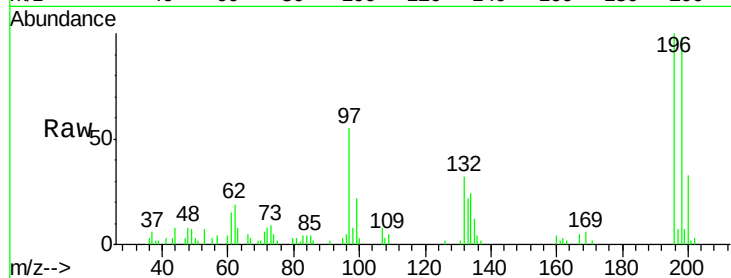




#43
 2,4,5-Trichlorophenol
 Concen: 3.43 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

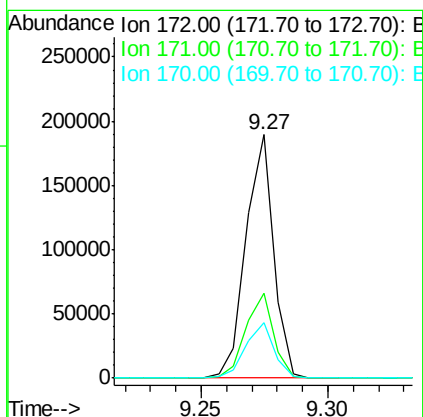
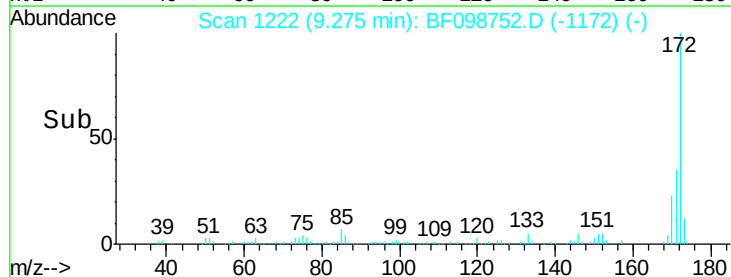
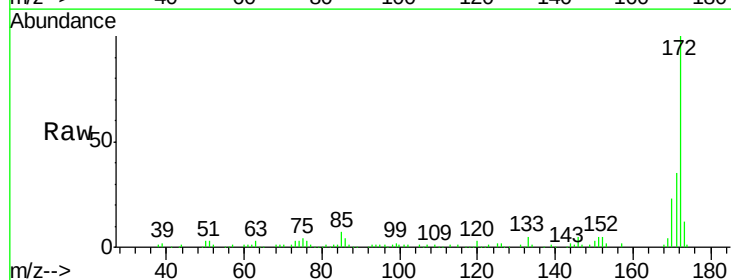
Instrument :
 BNA_F
 ClientSampleId :

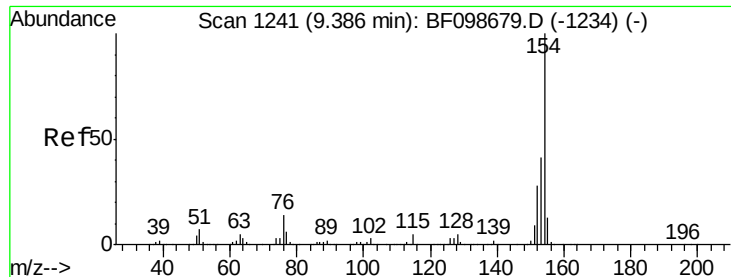
Tot Ion:	196	Resp:	16927
Ion	Ratio	Lower	Upper
196	100		
198	98.4	74.6	112.0
97	54.9	42.9	64.3
132	31.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 10.29 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:	172	Resp:	143992
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.9	19.6	29.4

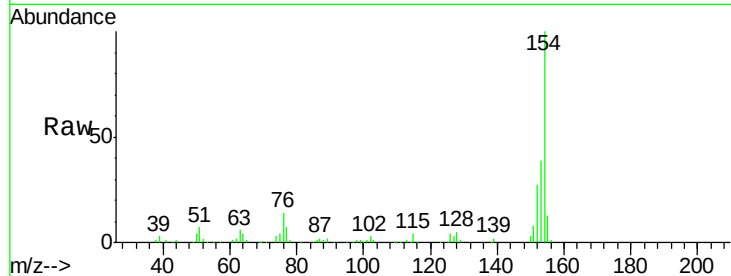




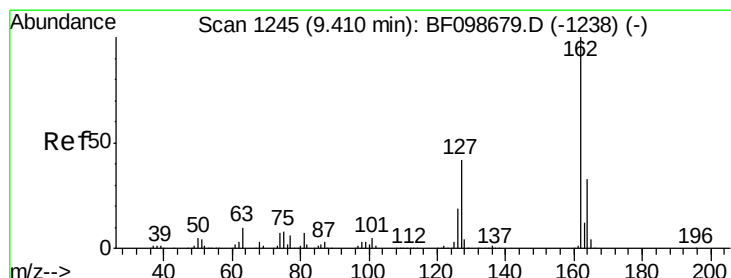
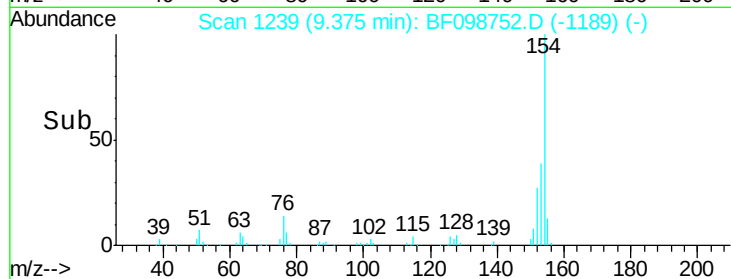
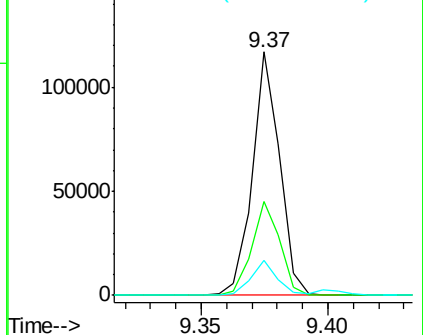
#45
 1,1'-Biphenyl
 Concen: 4.34 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.7	21.3	61.3
76	14.1	0.0	34.0

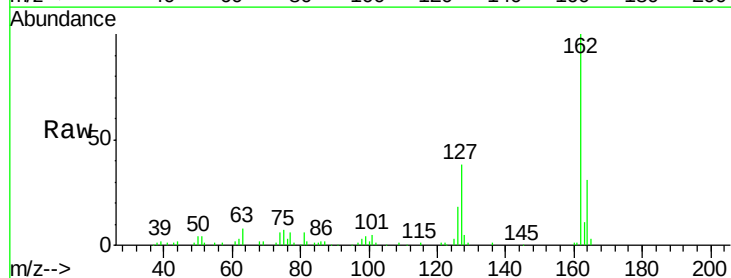


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

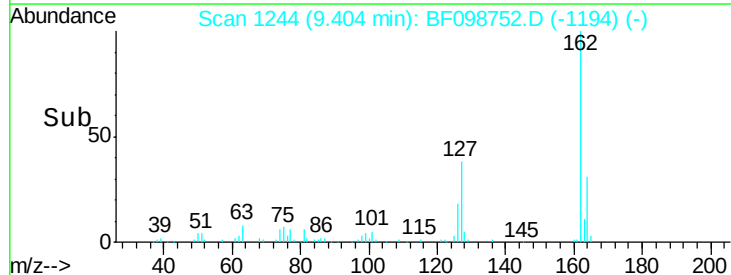
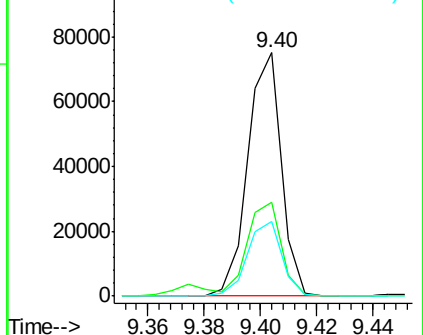


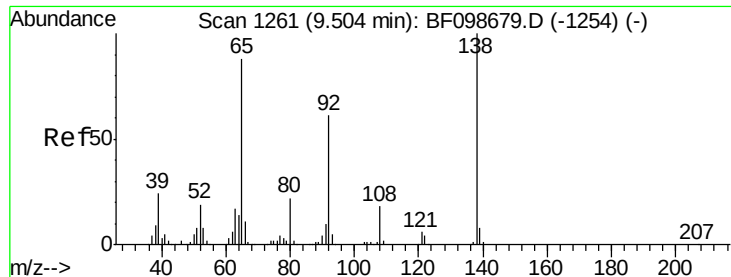
#46
 2-Chloronaphthalene
 Concen: 4.11 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.9	50.9
164	30.9	26.5	39.7



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





#47

2-Nitroaniline

Concen: 3.75 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

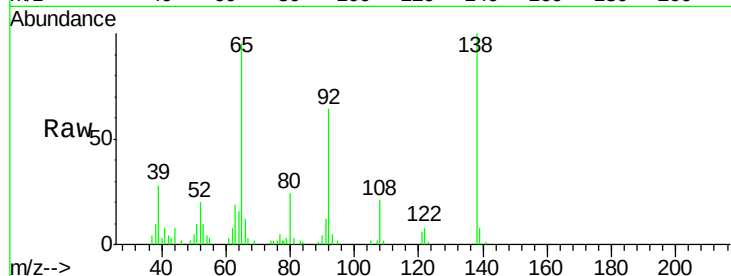
Tot Ion: 65 Resp: 17318

Ion Ratio Lower Upper

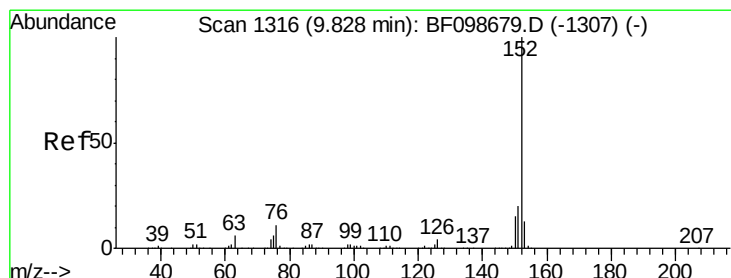
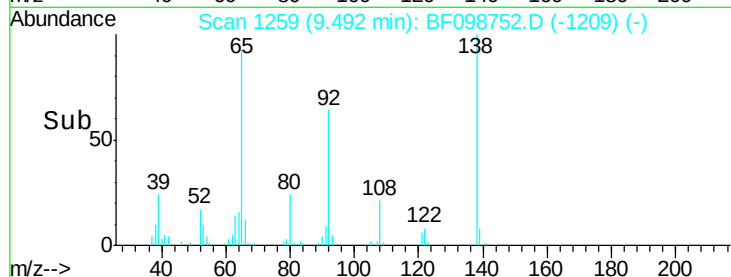
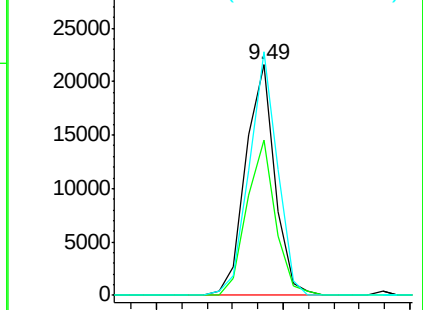
65 100

92 67.7 55.8 83.6

138 105.8 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 4.46 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

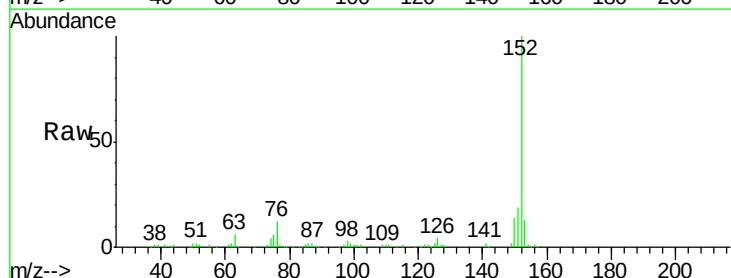
Tgt Ion: 152 Resp: 102883

Ion Ratio Lower Upper

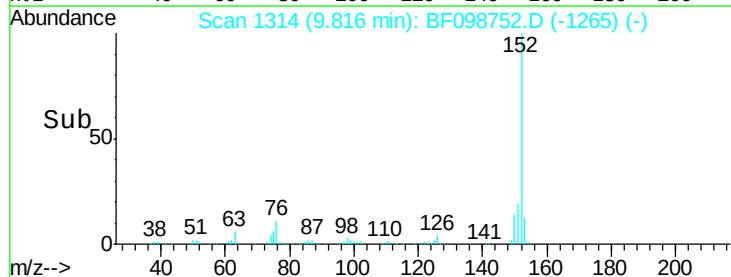
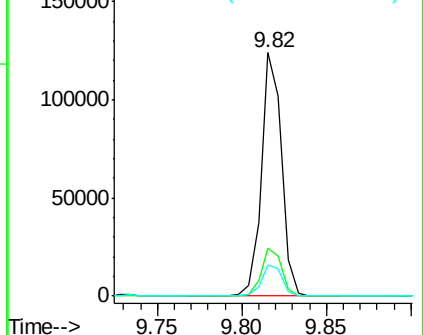
152 100

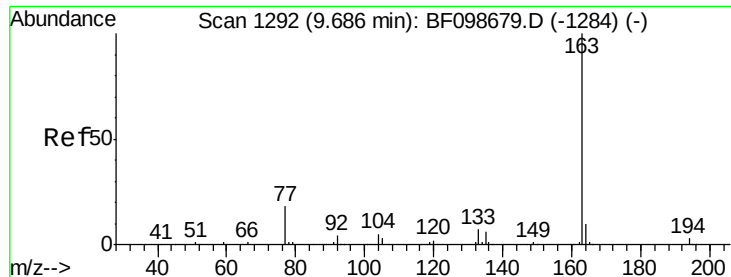
151 19.4 16.3 24.5

153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.93 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

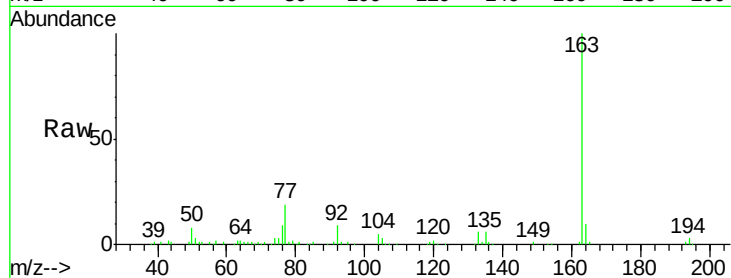
Tot Ion:163 Resp: 86951

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

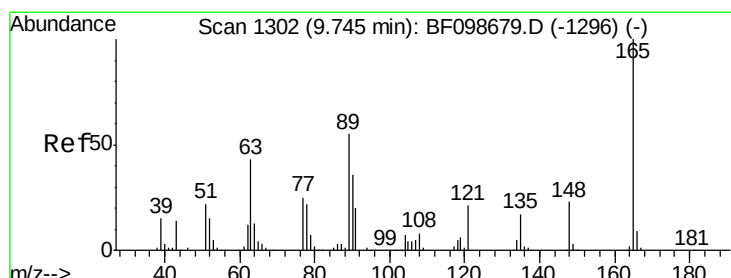
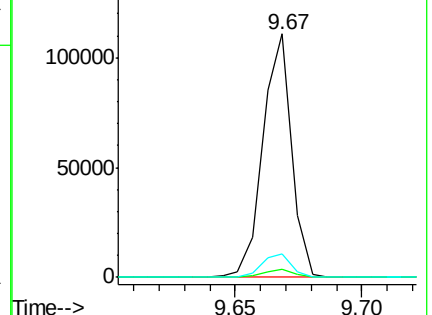
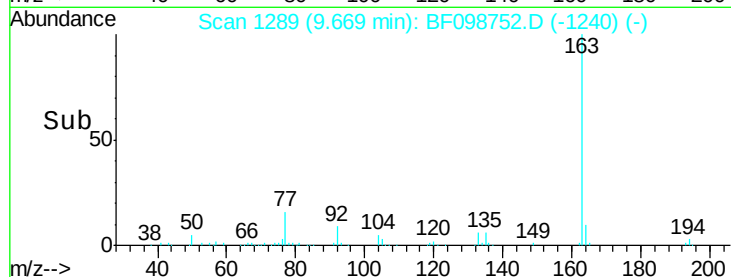
164 9.8 8.2 12.2



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: 3.04 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

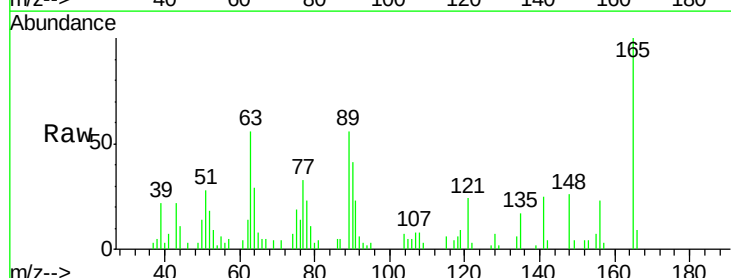
Tgt Ion:165 Resp: 11686

Ion Ratio Lower Upper

165 100

63 56.4 44.7 67.1

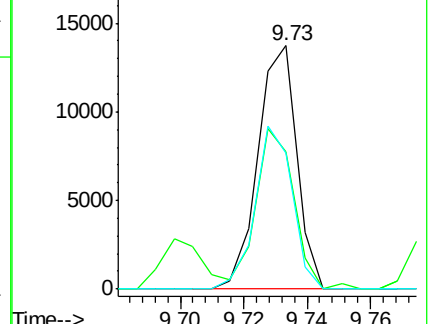
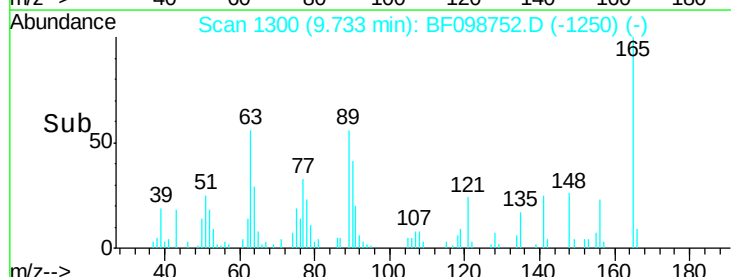
89 56.1 44.0 66.0

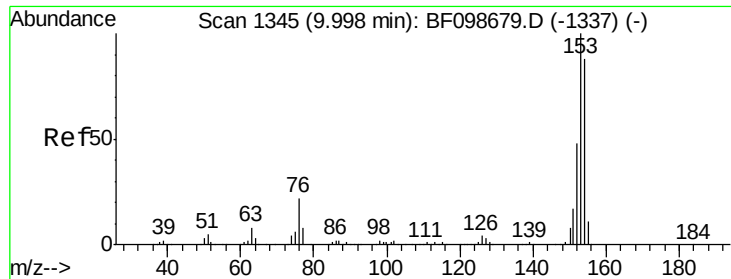


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.28 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

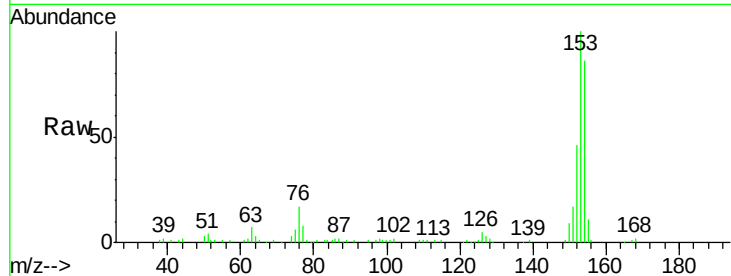
Tot Ion:154 Resp: 62639

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

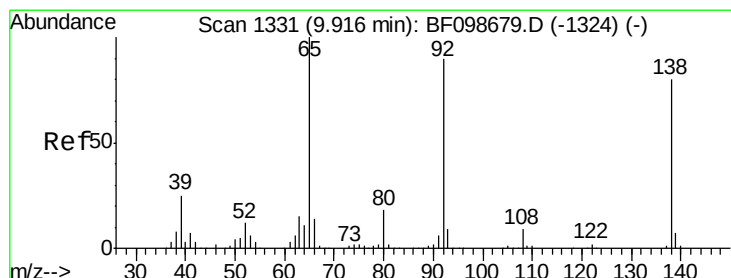
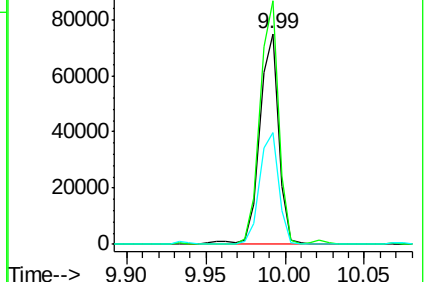
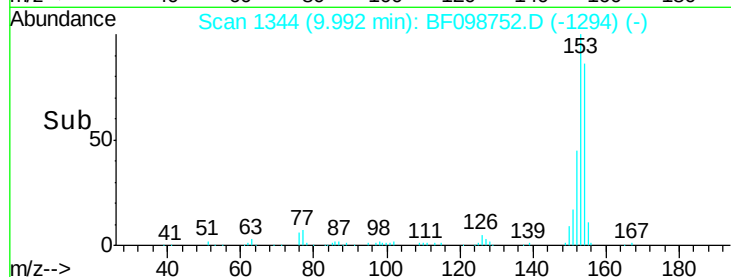
152 53.3 43.8 65.8



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: 3.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

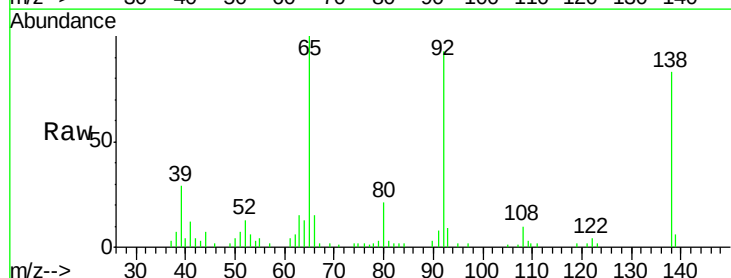
Tgt Ion:138 Resp: 13437

Ion Ratio Lower Upper

138 100

108 12.3 9.4 14.0

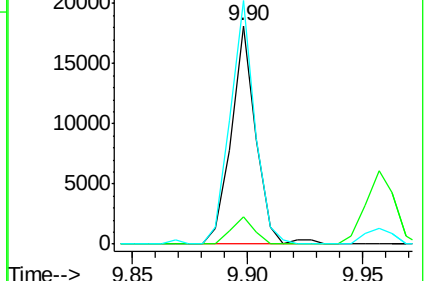
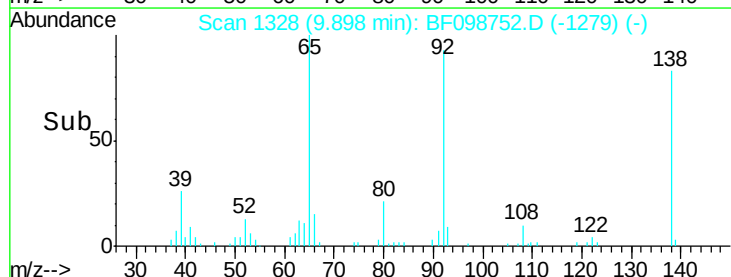
92 111.4 89.4 134.2

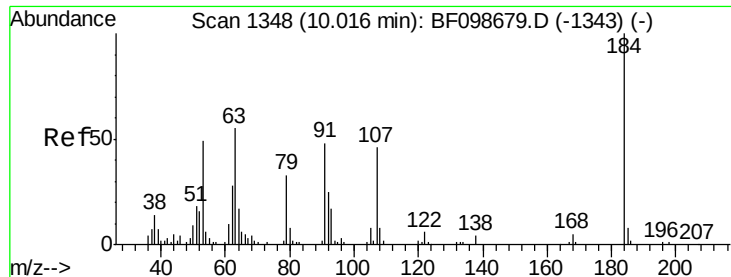


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

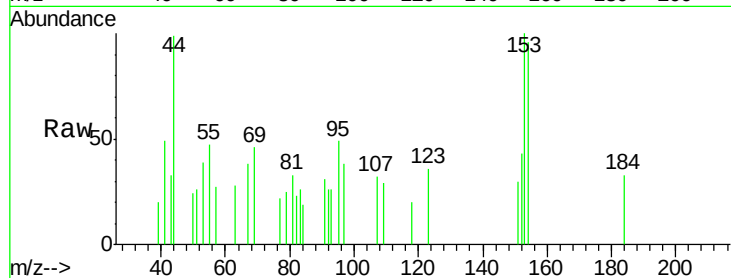




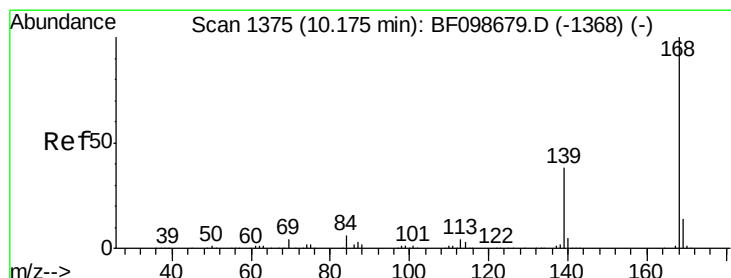
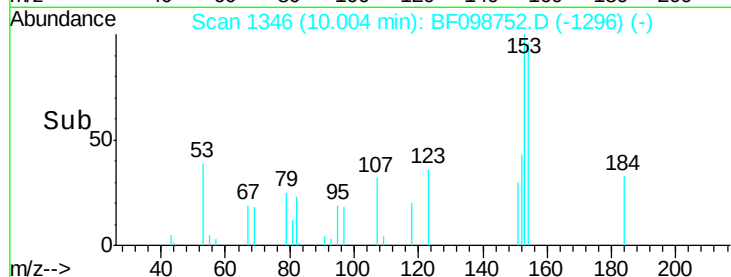
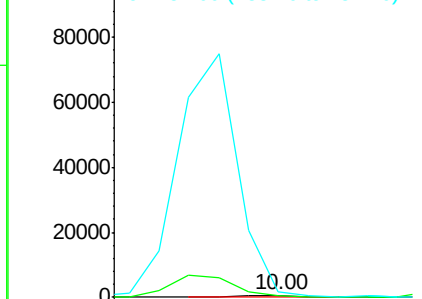
#53
2,4-Dinitrophenol
Concen: 5.98 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 331
Ion Ratio Lower Upper
184 100
63 84.4 54.2 81.2#
154 293.8 53.5 80.3#

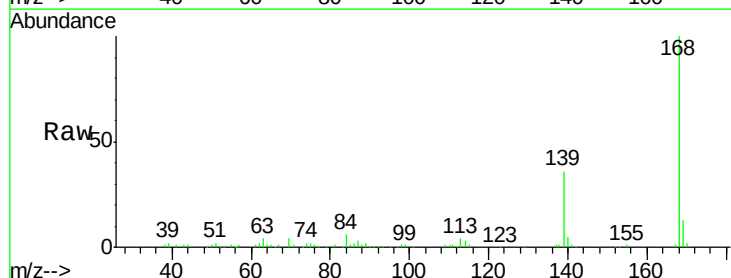


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

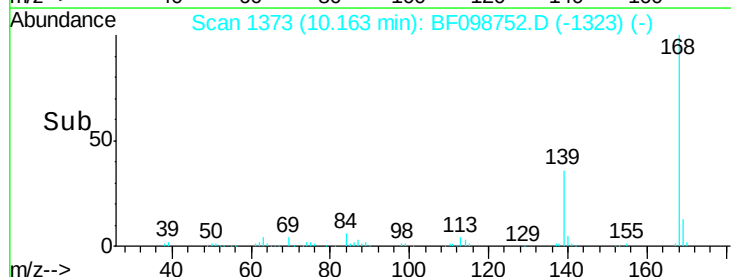
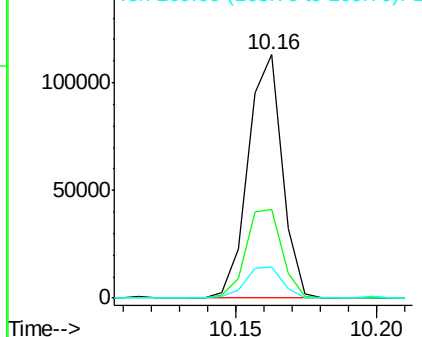


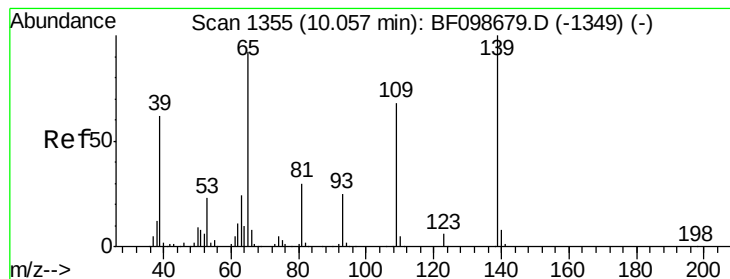
#54
Dibenzofuran
Concen: 4.86 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:168 Resp: 94666
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.0 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: 4.59 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

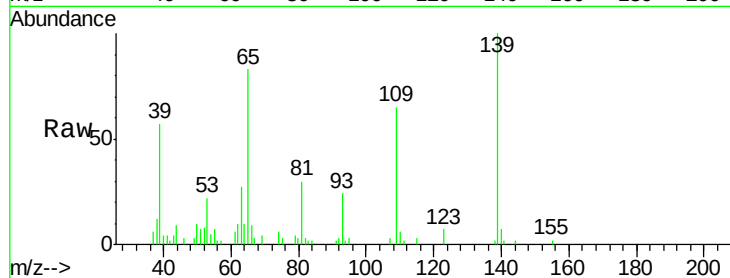
Tot Ion:139 Resp: 17389

Ion Ratio Lower Upper

139 100

109 64.9 48.4 88.4

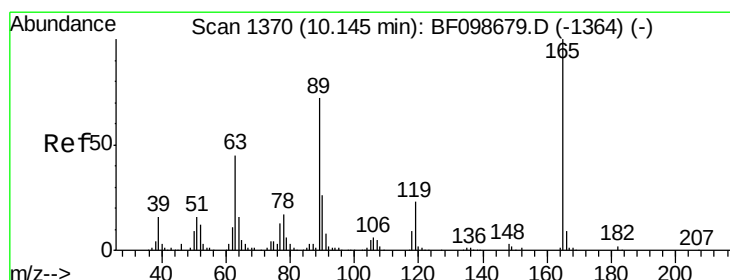
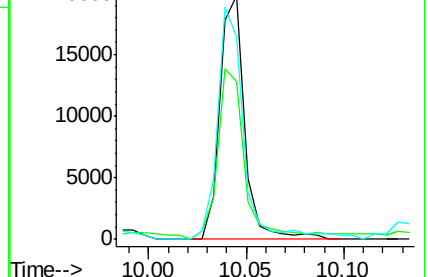
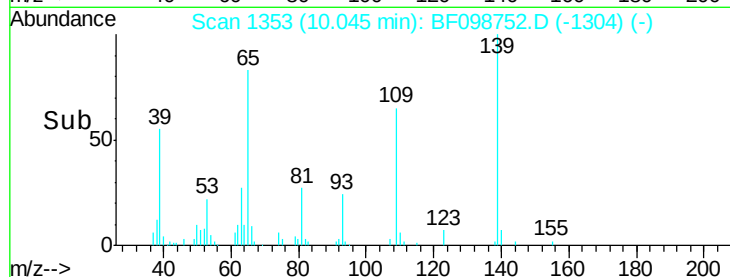
65 83.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 2.88 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Tgt Ion:165 Resp: 14344

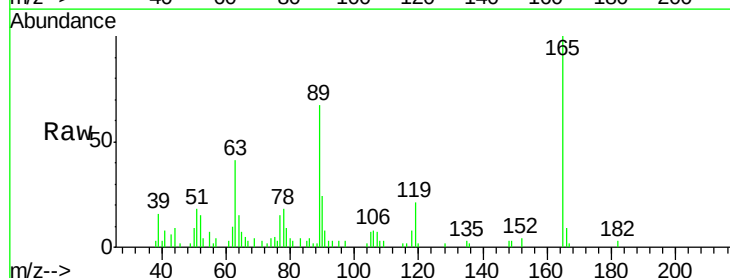
Ion Ratio Lower Upper

165 100

63 41.3 36.4 54.6

89 67.2 57.8 86.6

182 3.3 1.6 2.4#

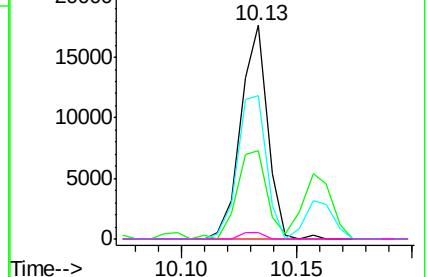
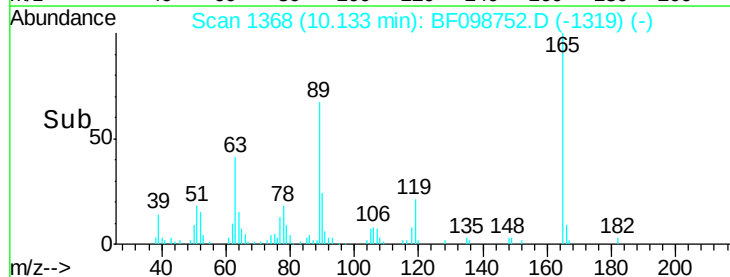


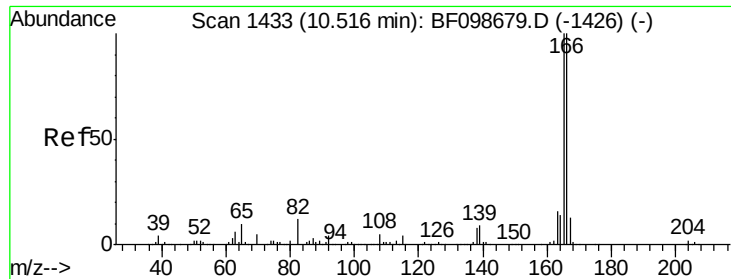
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

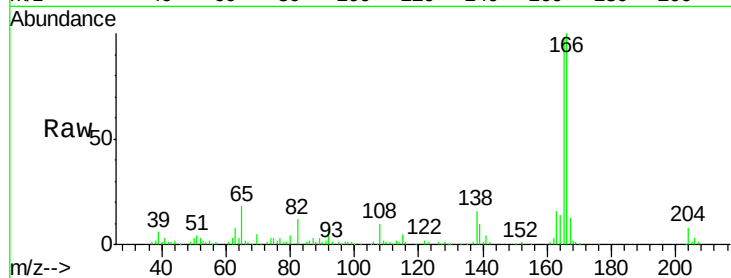




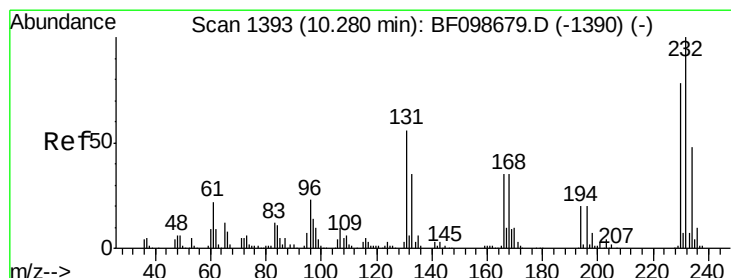
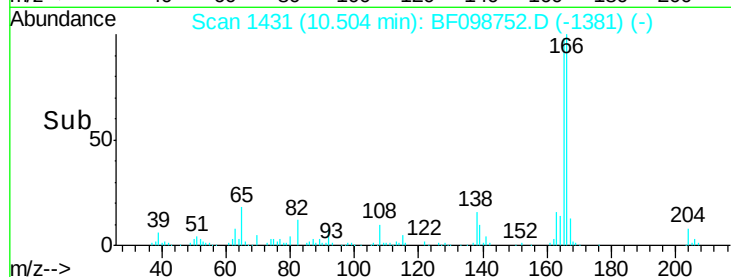
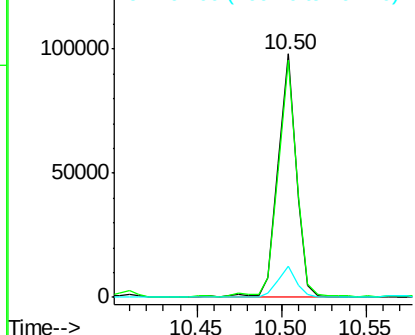
#57
Fluorene
Concen: 4.70 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:166 Resp: 73559
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.8
167 12.9 10.6 16.0



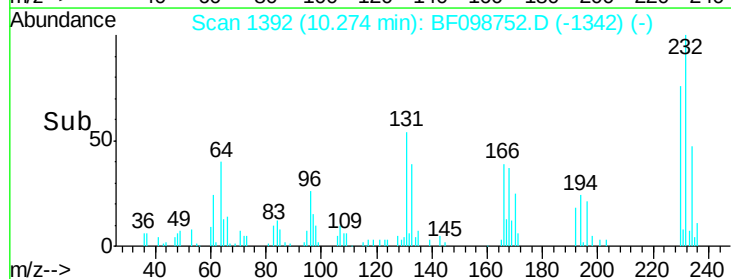
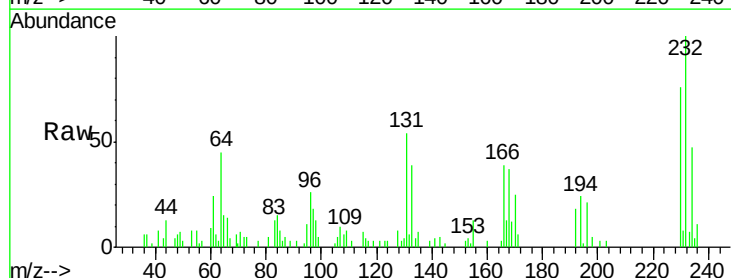
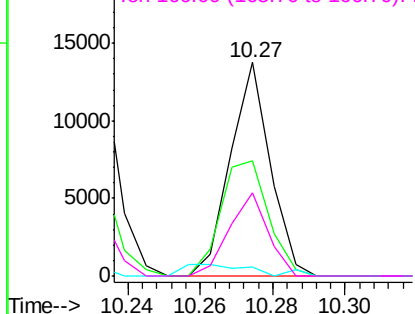
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

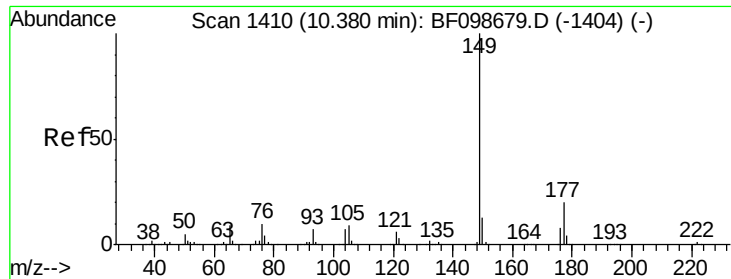


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.10 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:232 Resp: 10563
Ion Ratio Lower Upper
232 100
131 64.6 43.8 65.8
130 9.9 2.1 3.1#
166 38.0 27.8 41.6

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

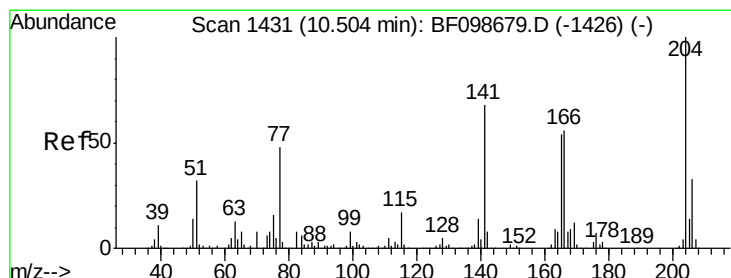
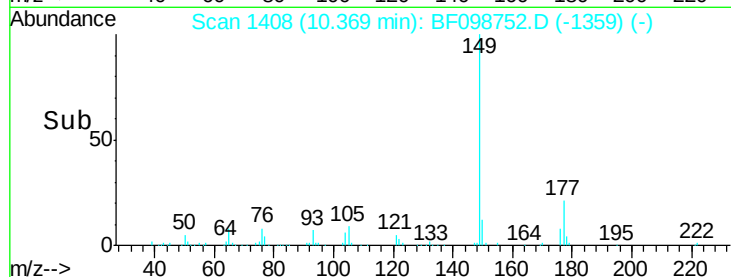
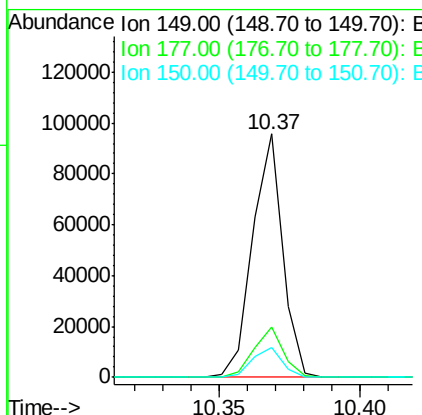
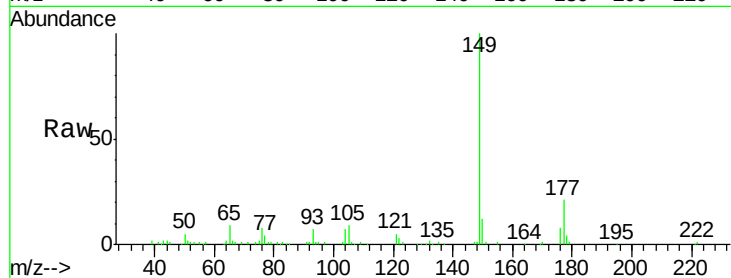




#59
Diethylphthalate
Concen: 4.09 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

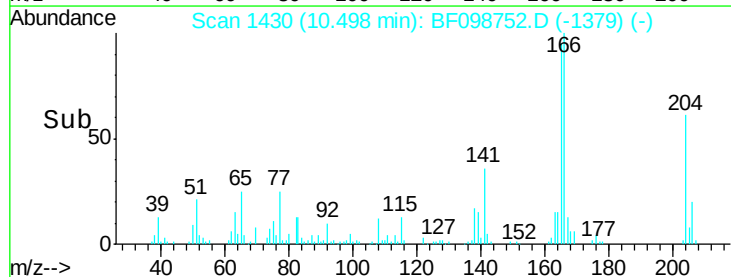
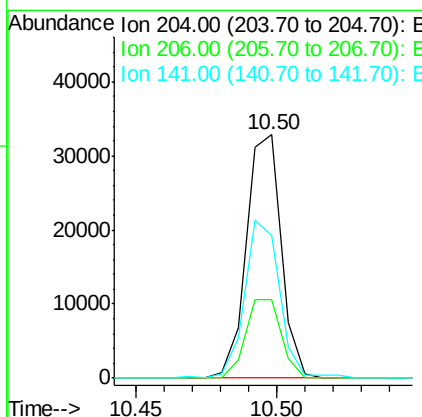
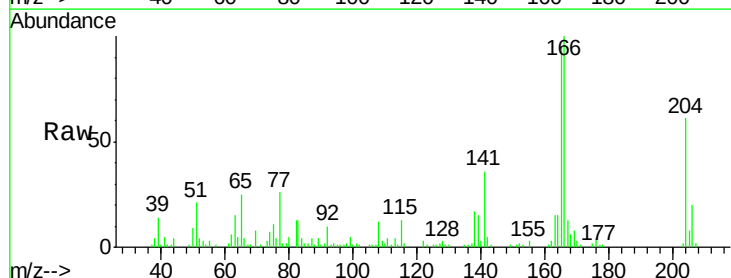
Instrument :
BNA_F
ClientSampleId :

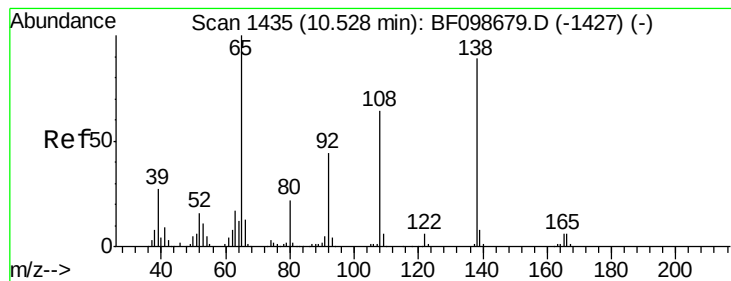
Tot Ion:149 Resp: 70419
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 4.00 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:204 Resp: 28129
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 58.7 54.6 81.8





#61

4-Nitroaniline

Concen: 2.82 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

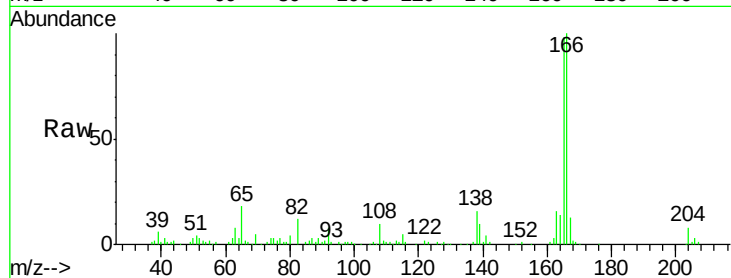
Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :



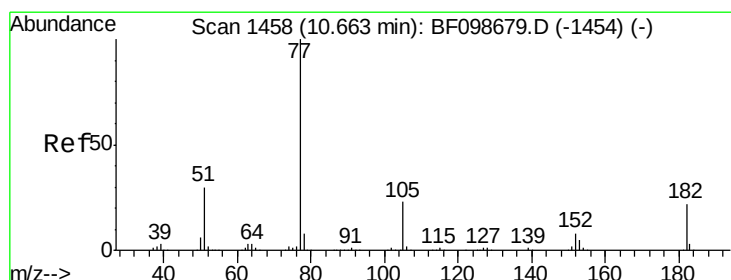
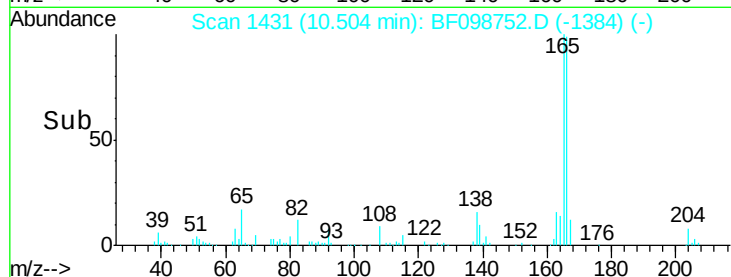
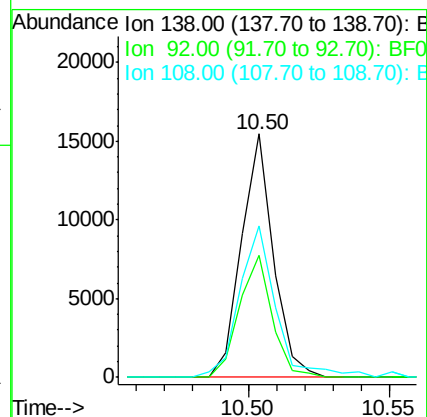
Tot Ion:138 Resp: 12167

Ion Ratio Lower Upper

138 100

92 50.1 30.2 70.2

108 62.4 52.5 92.5



#62

Azobenzene

Concen: 3.98 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Tgt Ion: 77 Resp: 63140

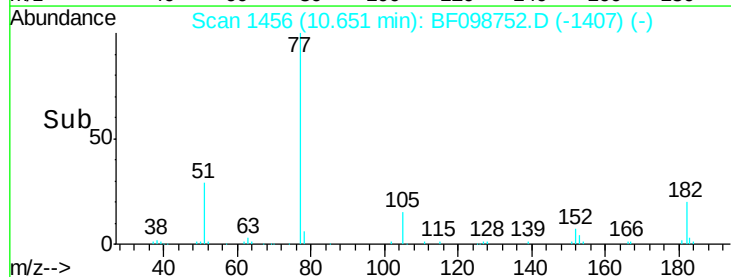
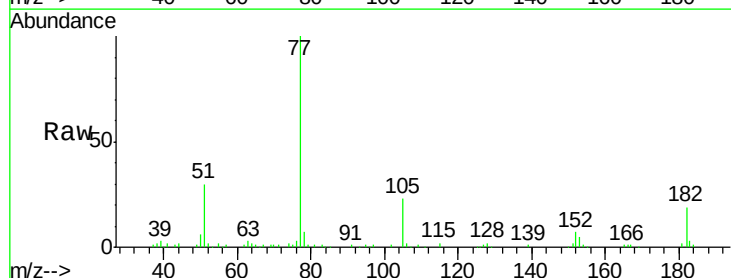
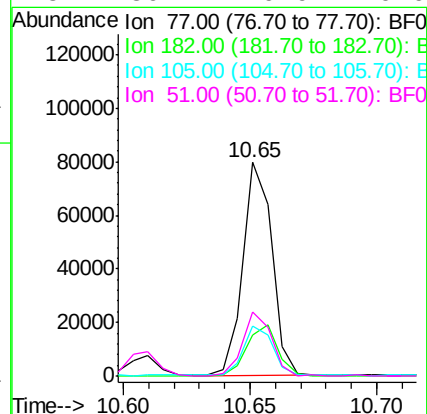
Ion Ratio Lower Upper

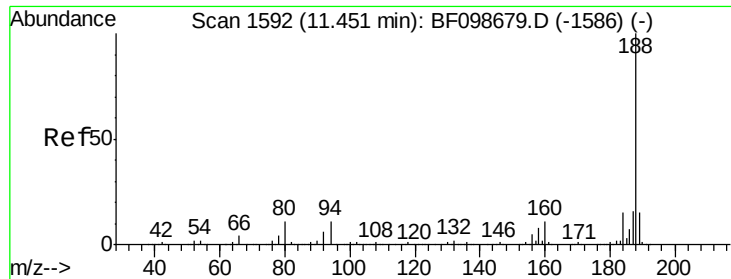
77 100

182 19.2 1.7 41.7

105 23.2 3.0 43.0

51 30.2 9.9 49.9

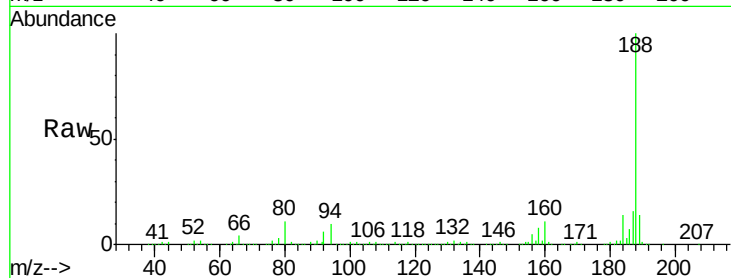




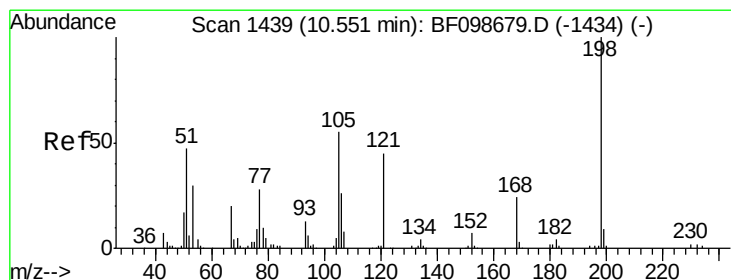
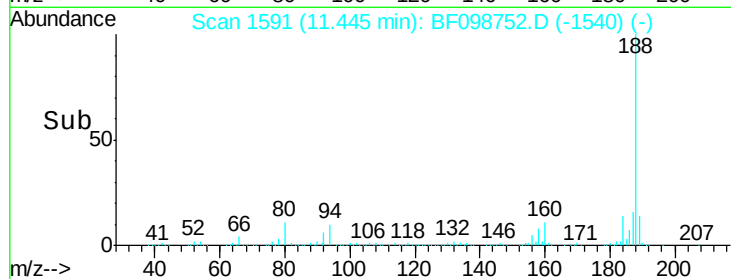
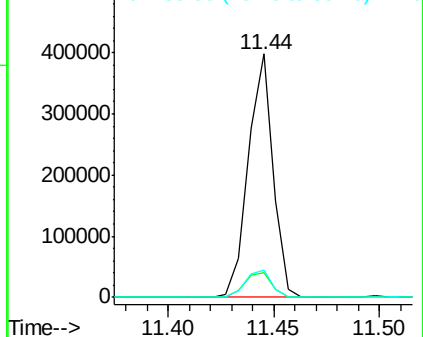
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 324511
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.2 9.2 13.8

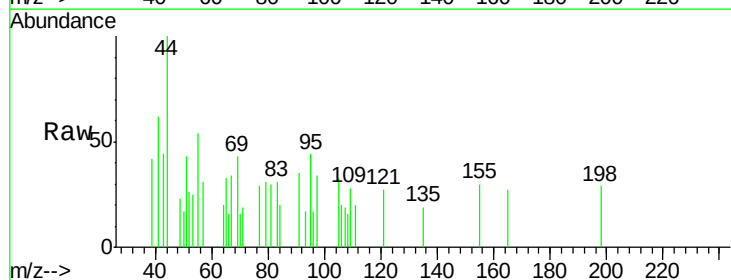


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

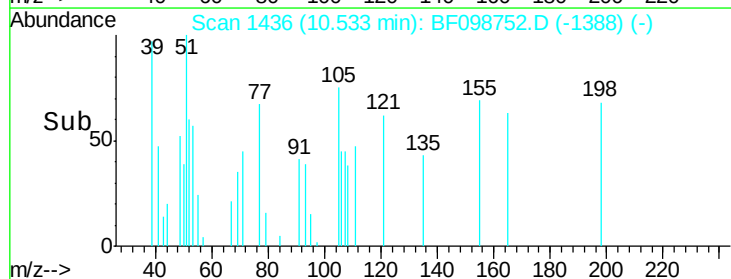
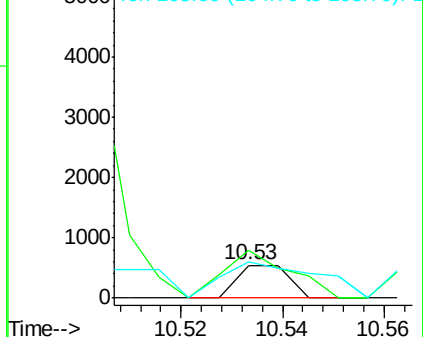


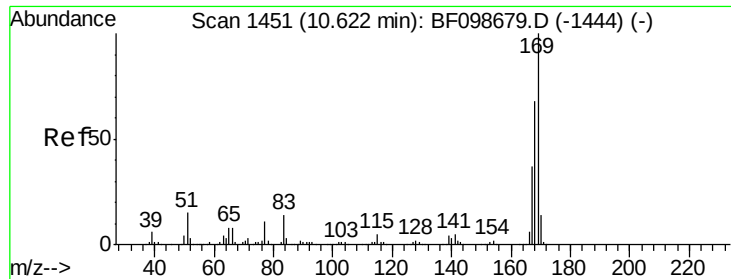
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.19 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:198 Resp: 378
 Ion Ratio Lower Upper
 198 100
 51 147.9 37.7 77.7#
 105 111.6 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

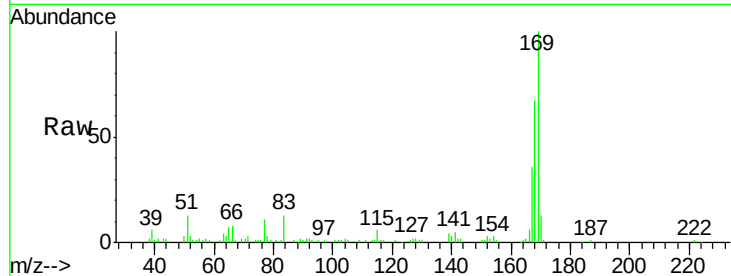




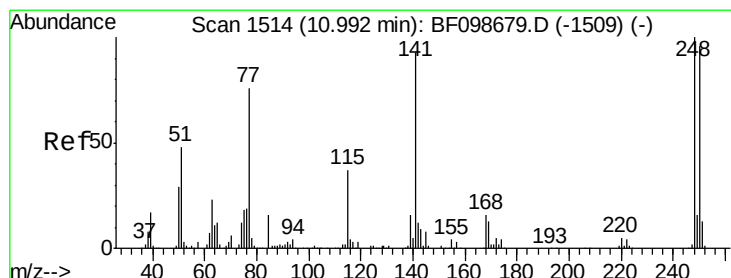
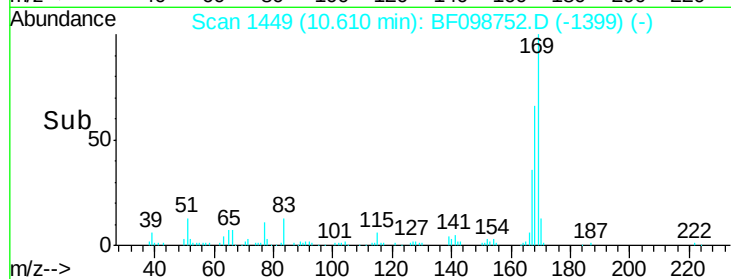
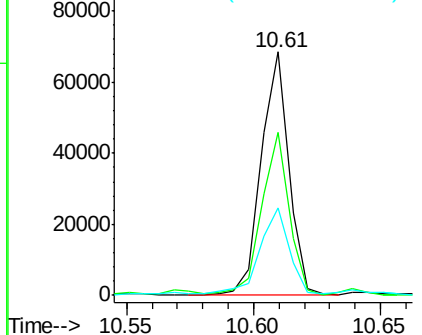
#65
 n-Nitrosodiphenylamine
 Concen: 4.67 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 52480
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.2 29.8 44.6

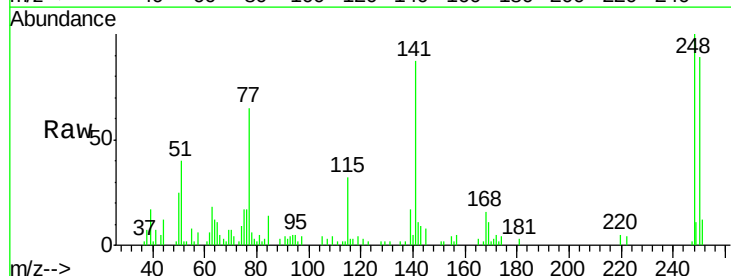


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

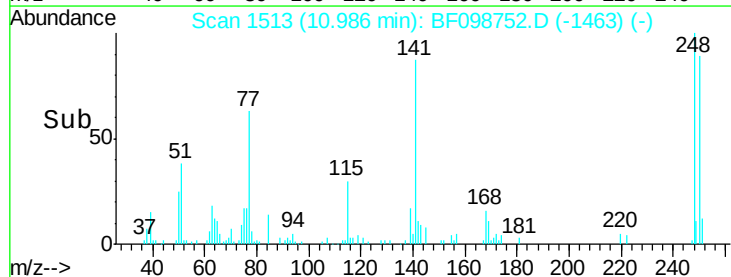
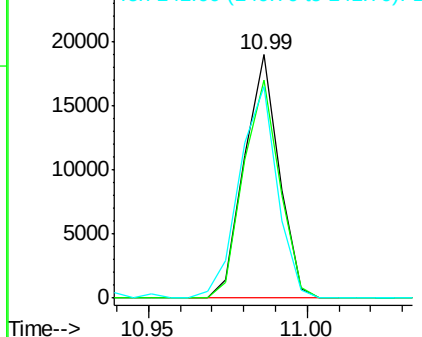


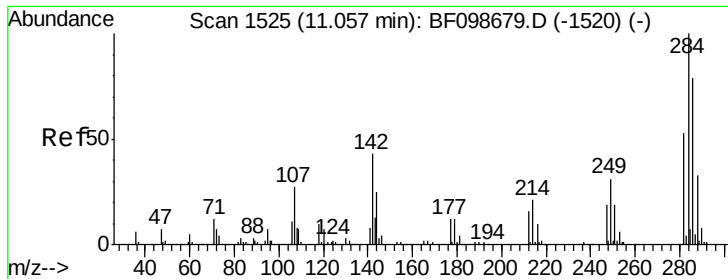
#66
 4-Bromophenyl-phenylether
 Concen: 4.54 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:248 Resp: 14406
 Ion Ratio Lower Upper
 248 100
 250 89.4 76.9 115.3
 141 87.0 74.4 111.6



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

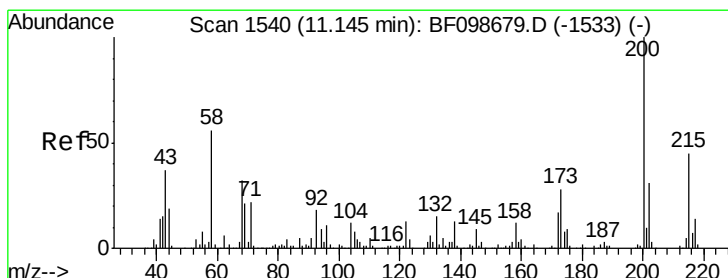
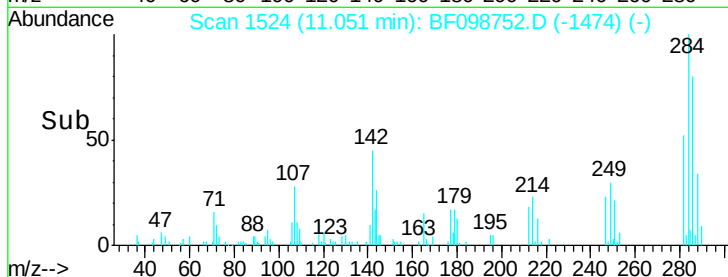
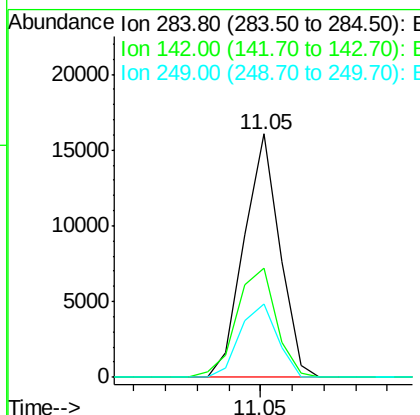
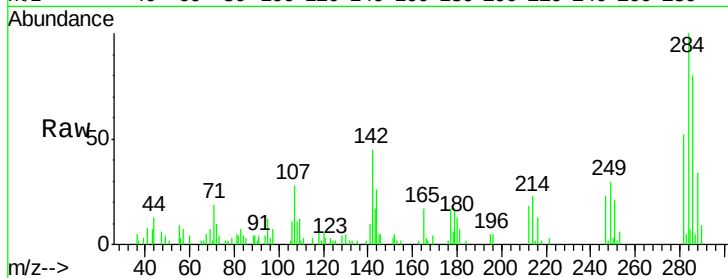




#67
Hexachlorobenzene
Concen: 3.69 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

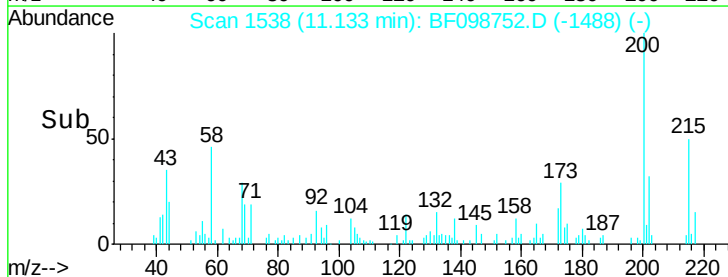
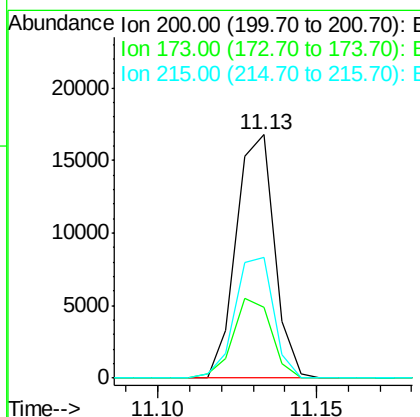
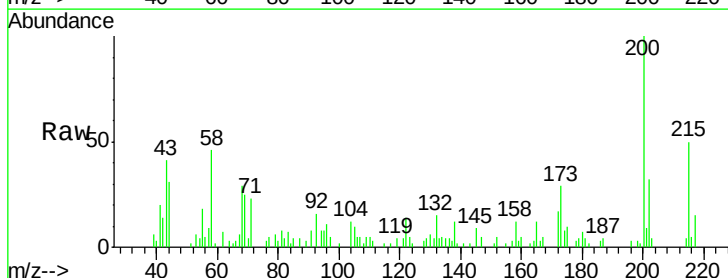
Instrument :
BNA_F
ClientSampleId :

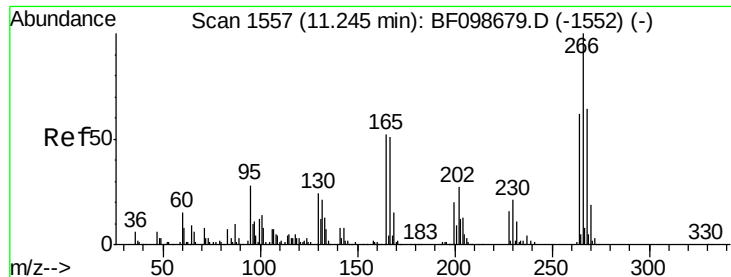
Tot Ion:284 Resp: 12527
Ion Ratio Lower Upper
284 100
142 44.6 34.6 52.0
249 30.1 24.8 37.2



#68
Atrazine
Concen: 4.14 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:200 Resp: 13993
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 49.7 25.1 65.1

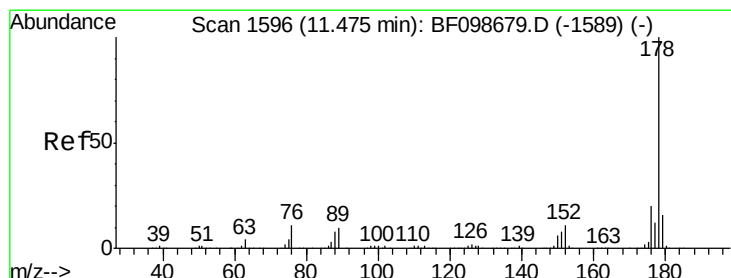
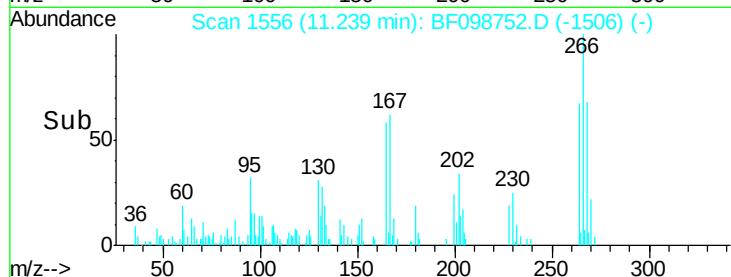
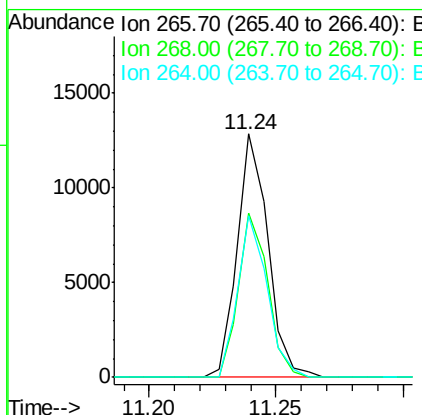
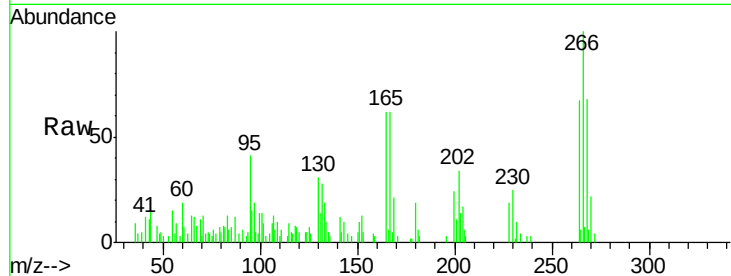




#69
 Pentachlorophenol
 Concen: 5.13 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

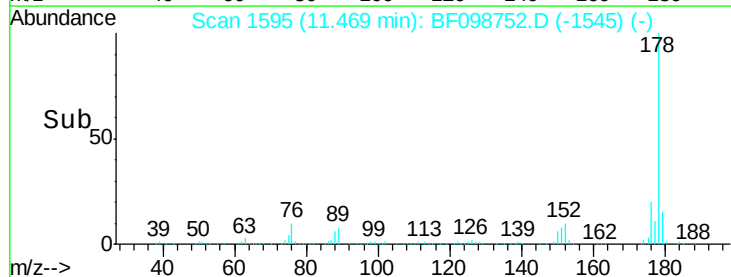
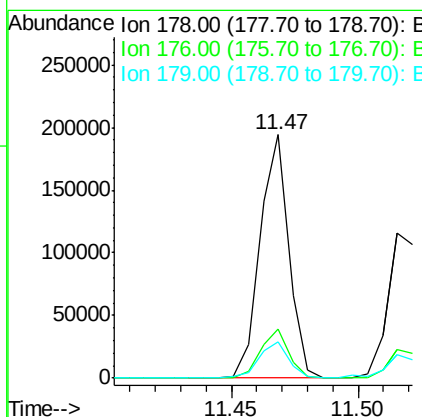
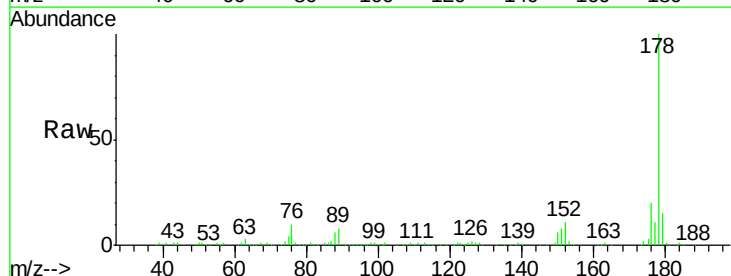
Instrument :
 BNA_F
 ClientSampleId :

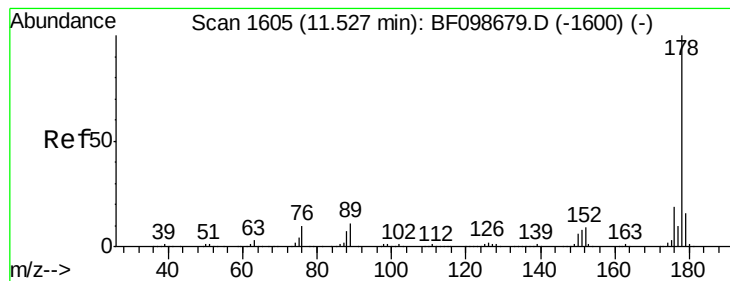
Tot Ion:266 Resp: 10841
 Ion Ratio Lower Upper
 266 100
 268 67.7 51.1 76.7
 264 66.7 49.5 74.3



#70
 Phenanthrene
 Concen: 8.89 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion:178 Resp: 154478
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.1 13.0 19.6





#71

Anthracene

Concen: 5.67 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

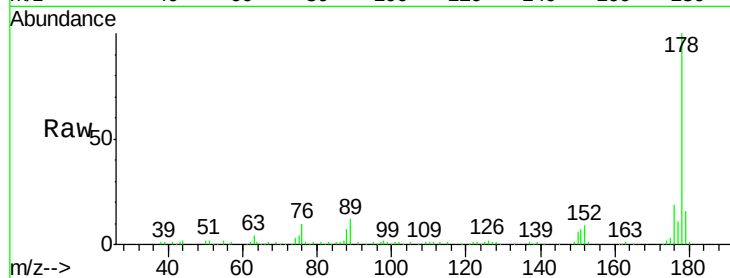
Tot Ion:178 Resp: 100721

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

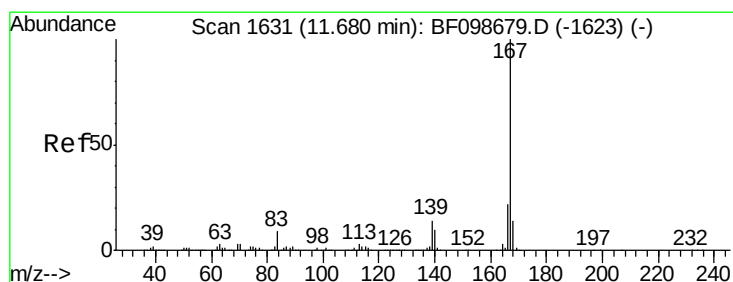
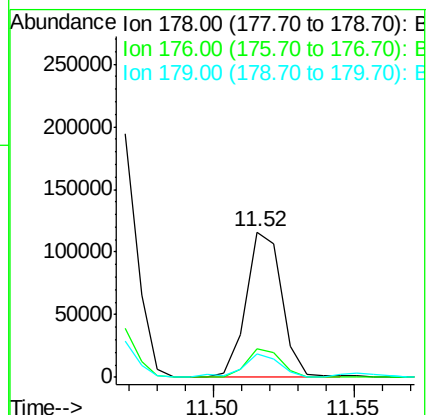
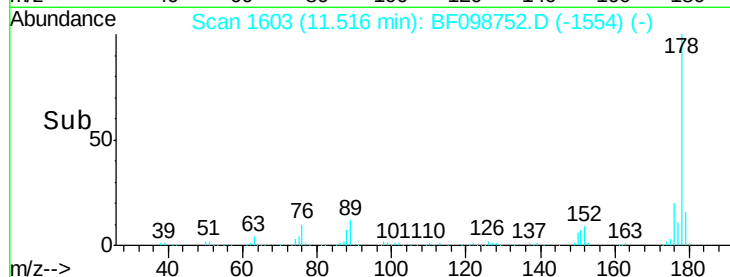
179 15.9 12.6 19.0



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



#72

Carbazole

Concen: 4.07 ng

RT: 11.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

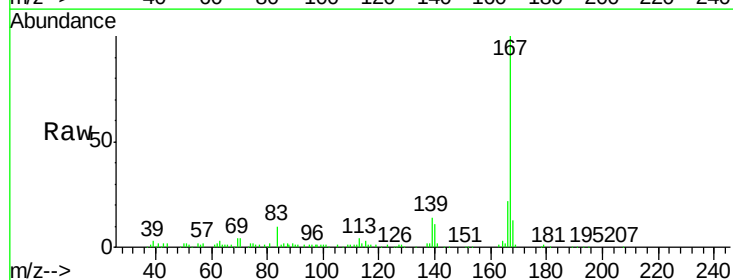
Tgt Ion:167 Resp: 70821

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

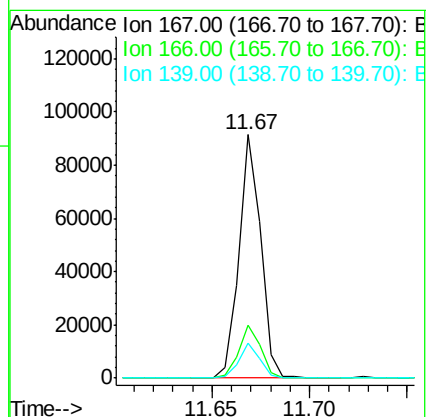
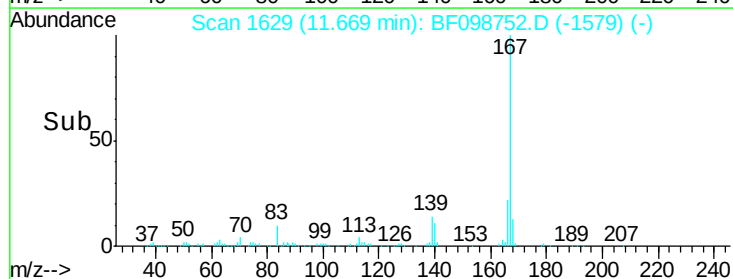
139 14.2 10.9 16.3

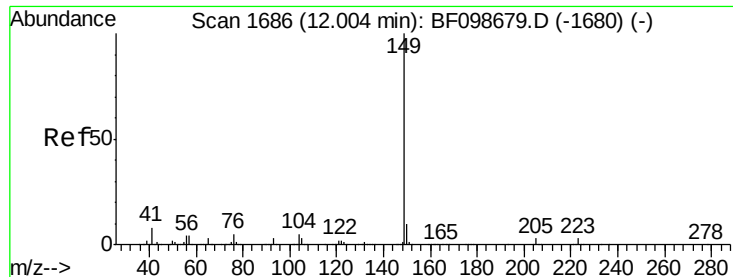


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.26 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

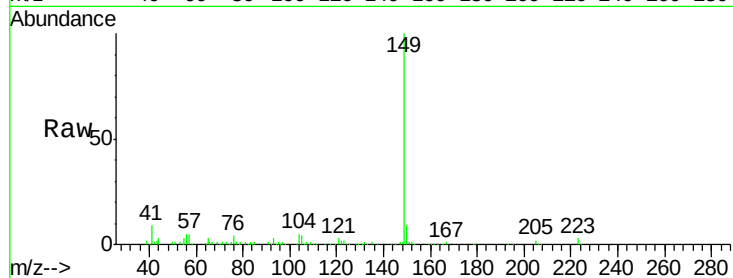
Tot Ion:149 Resp: 89244

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

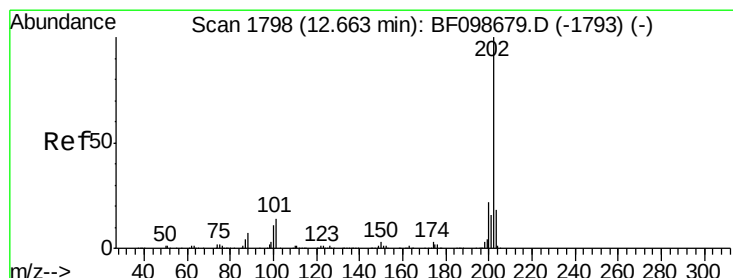
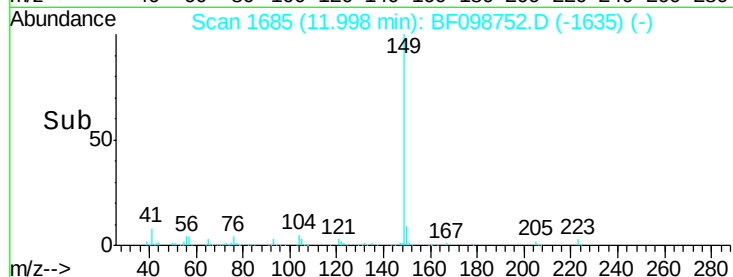
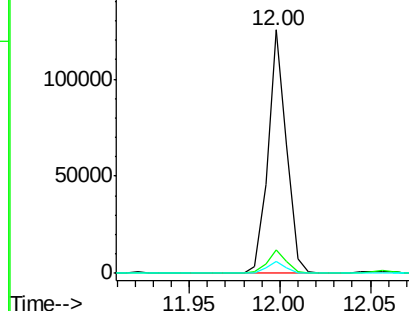
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 10.43 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

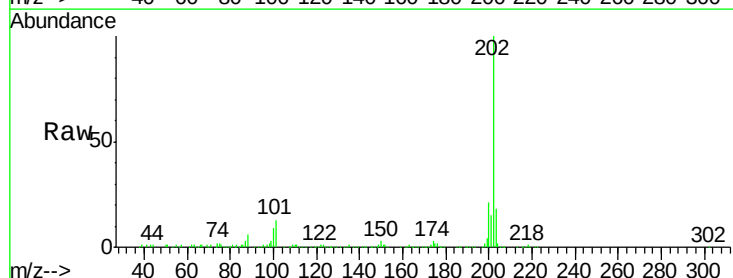
Tgt Ion:202 Resp: 183471

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

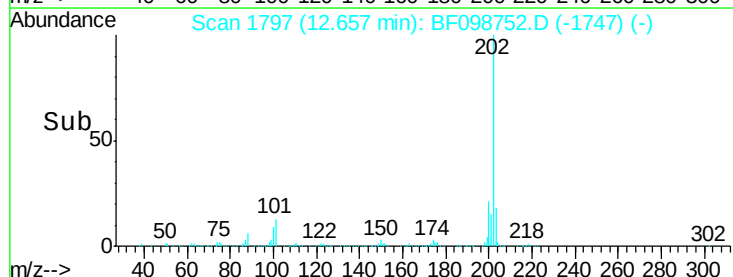
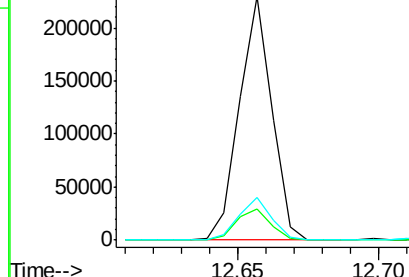
203 17.6 0.0 38.1

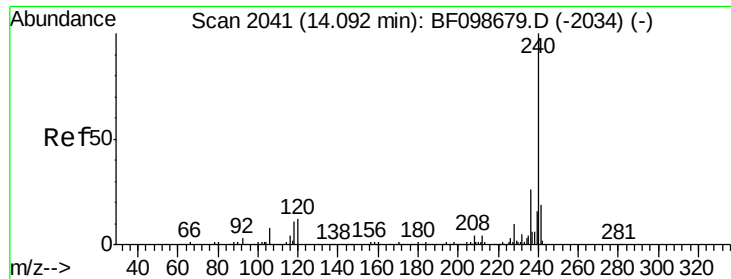


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

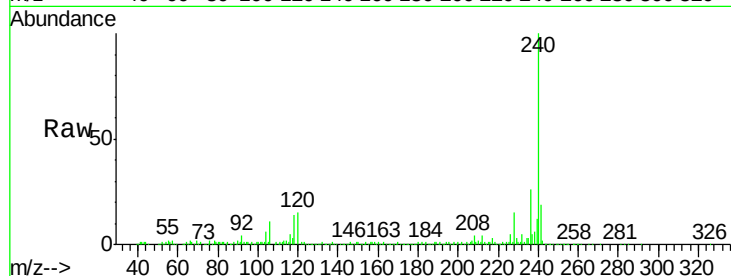
Tot Ion:240 Resp: 258459

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

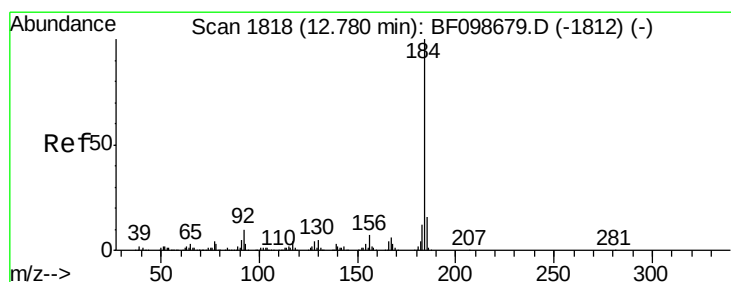
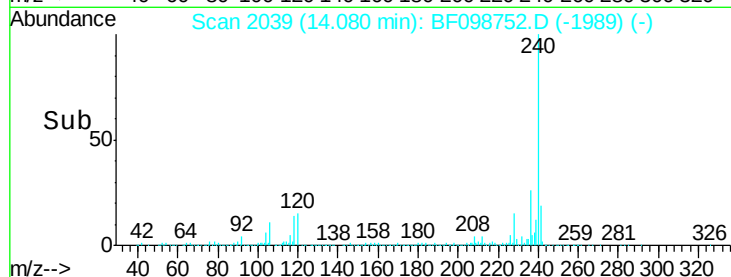
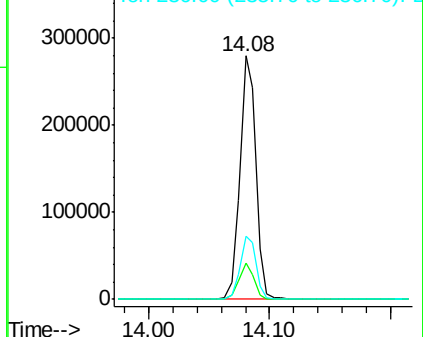
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.22 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

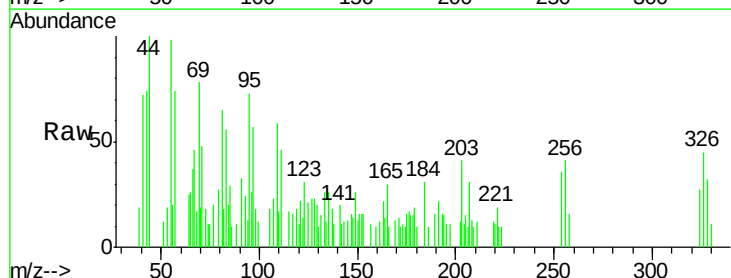
Tgt Ion:184 Resp: 2095

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

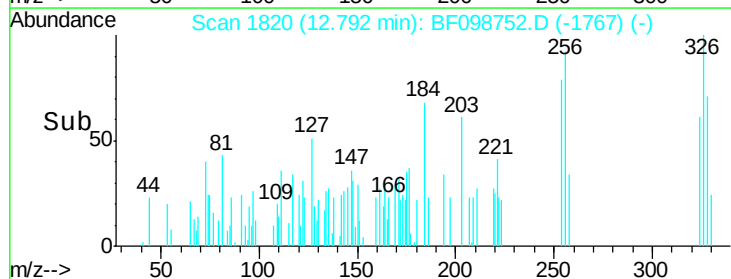
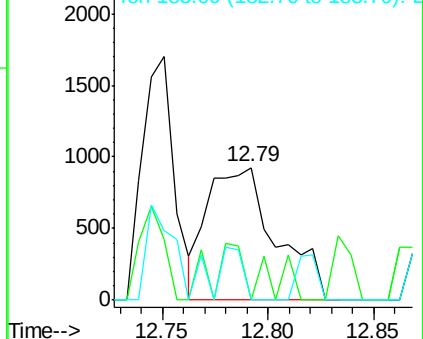
183 0.0 9.3 13.9#

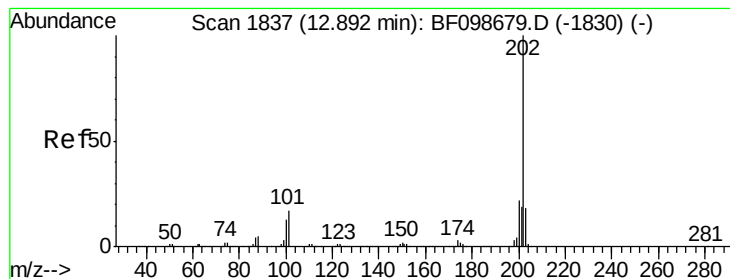


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.18 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

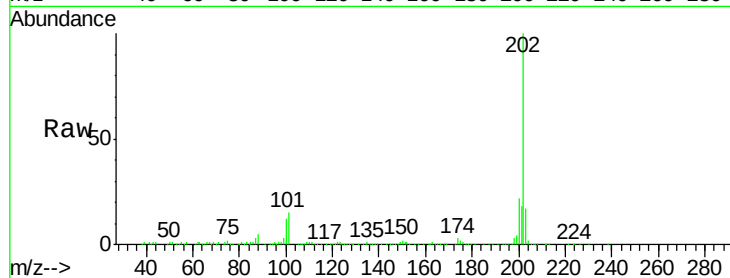
Tot Ion:202 Resp: 180952

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

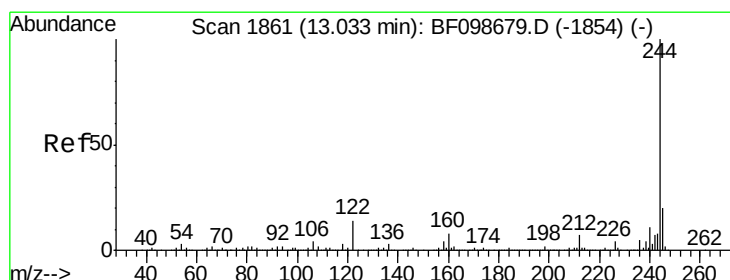
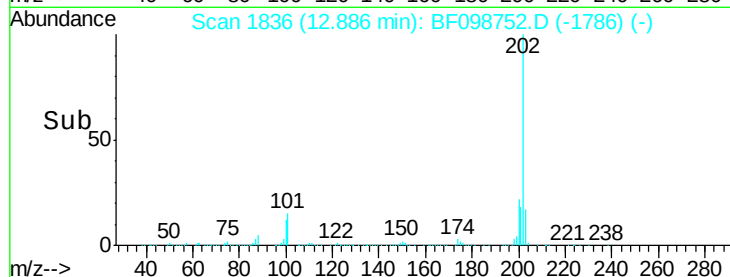
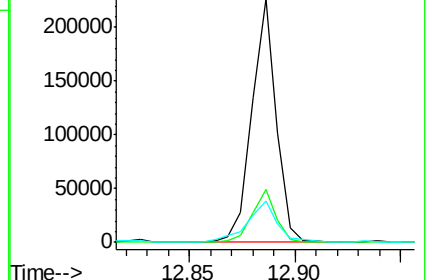
203 17.2 14.3 21.5



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: 7.22 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

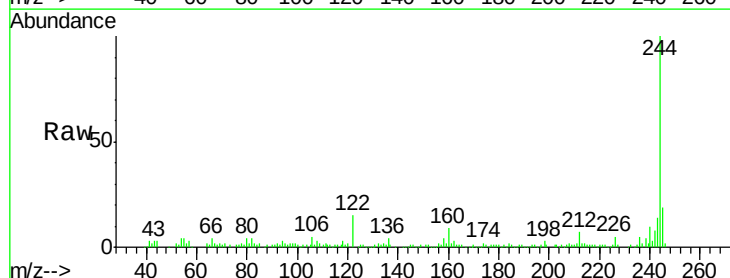
Tgt Ion:244 Resp: 82034

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

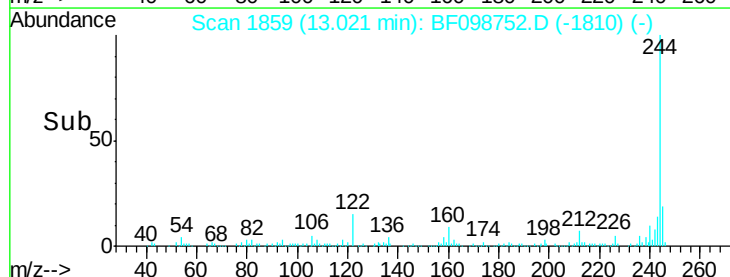
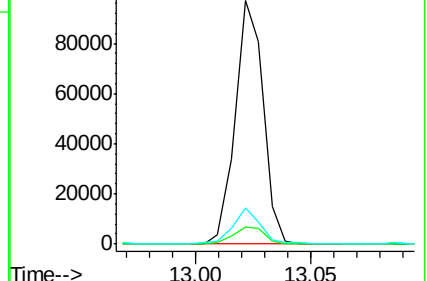
122 14.9 11.0 16.4

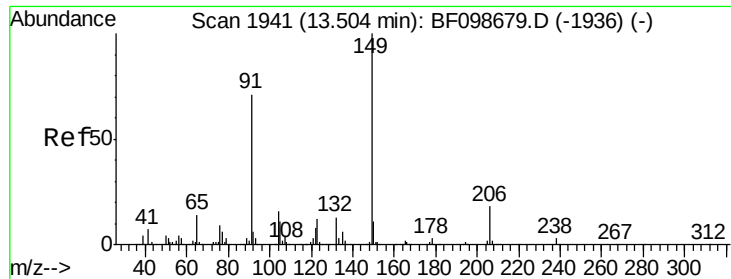


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

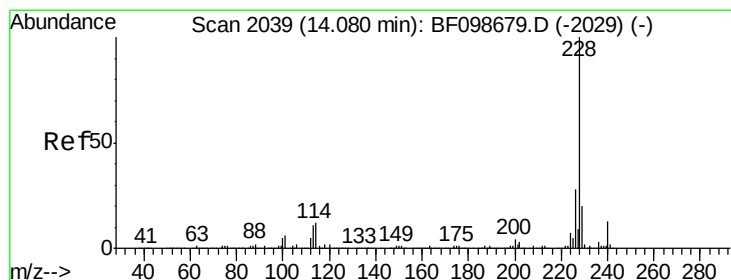
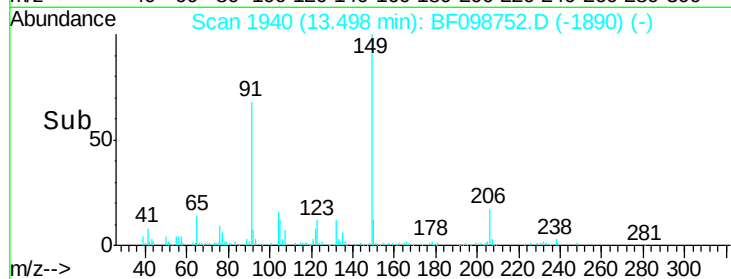
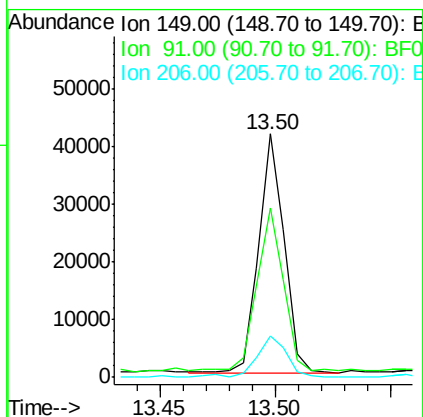
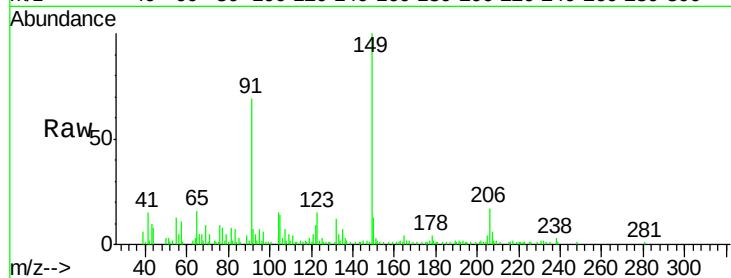




#79
Butylbenzylphthalate
Concen: 3.44 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

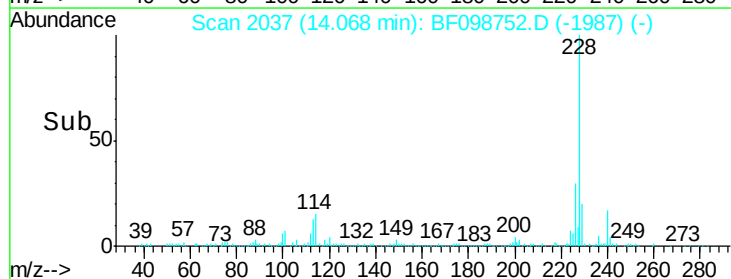
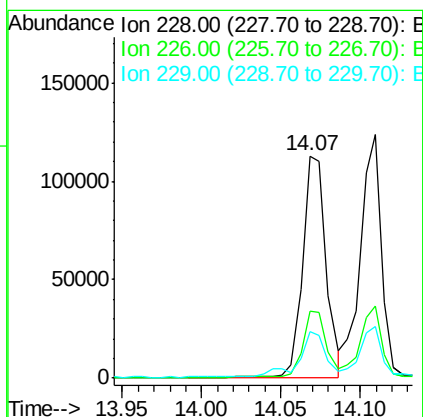
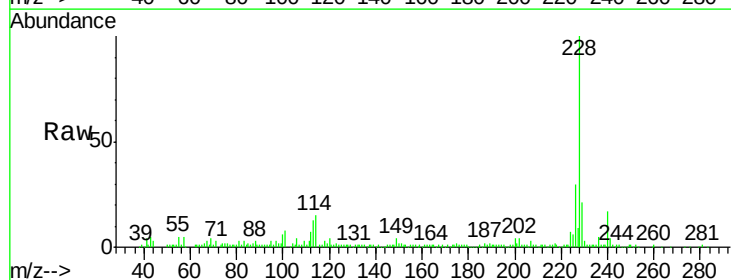
Instrument :
BNA_F
ClientSampleId :

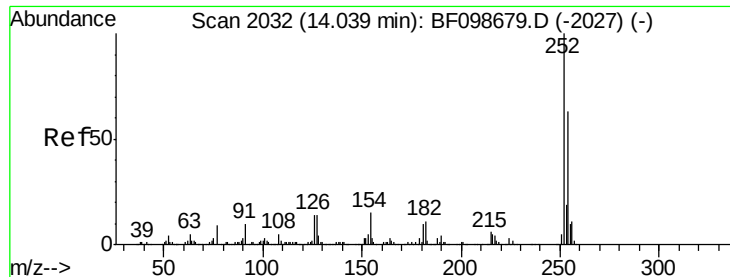
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.8	85.2
206	17.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 7.60 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.8	15.8	23.6

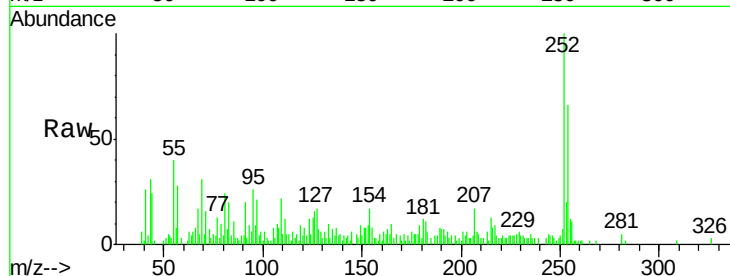




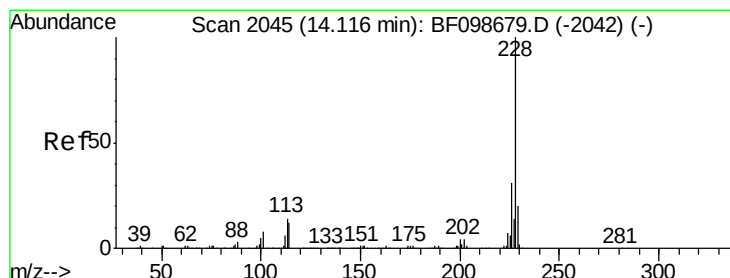
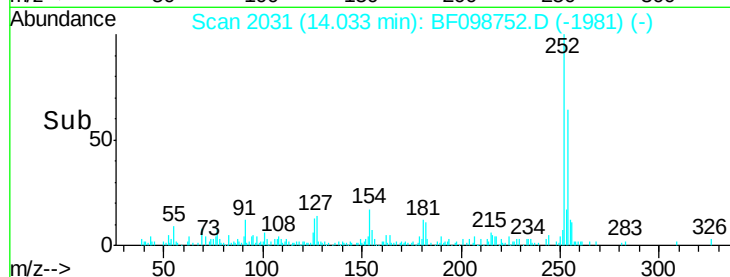
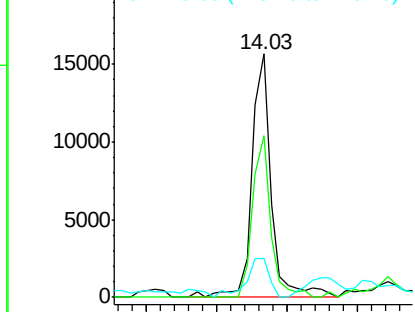
#81
 3,3'-Dichlorobenzidine
 Concen: 2.64 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	16.0	11.3	16.9

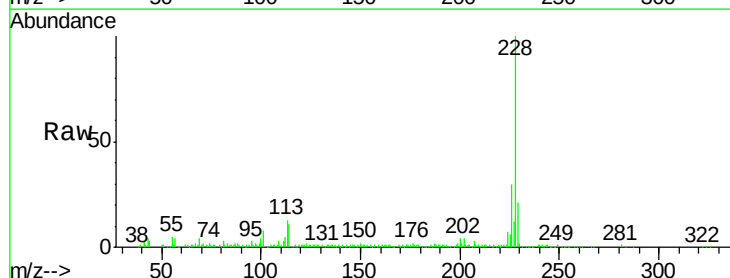


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

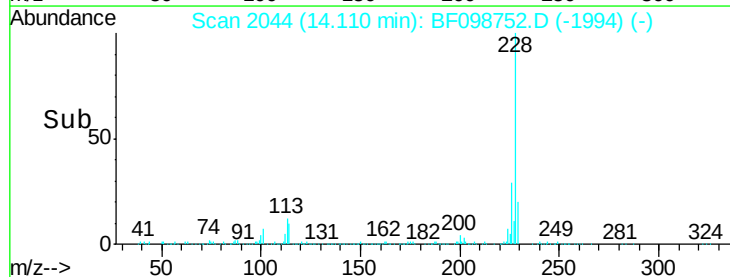
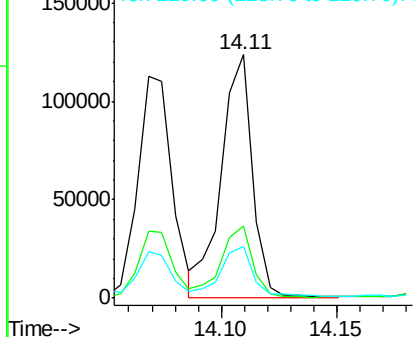


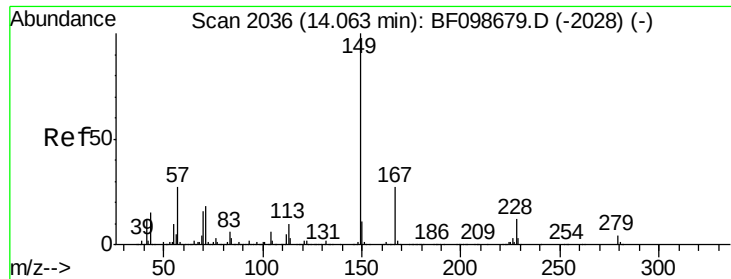
#82
 Chrysene
 Concen: 7.79 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

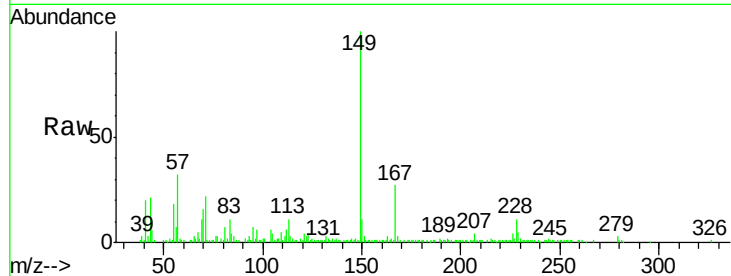




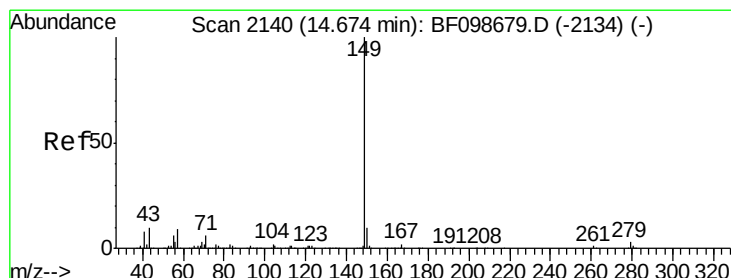
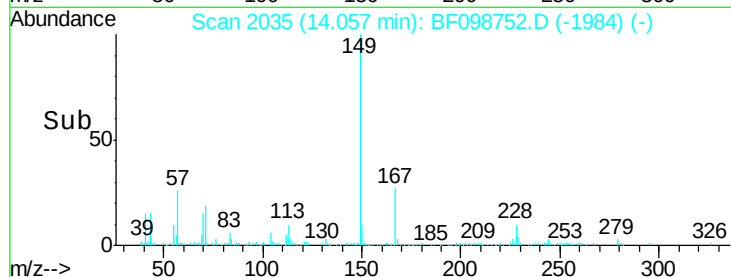
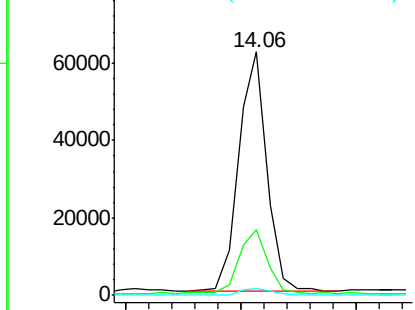
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.08 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	2.8	3.0	4.4#

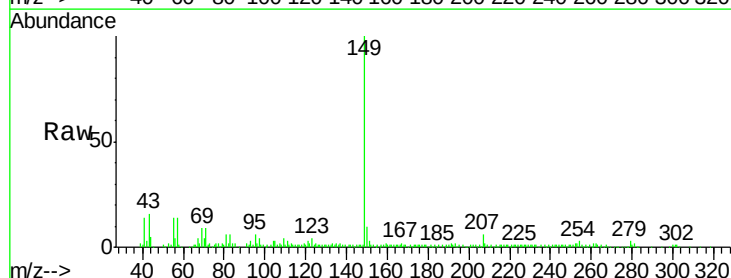


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

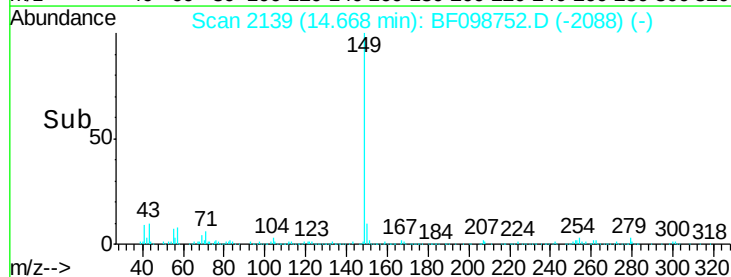
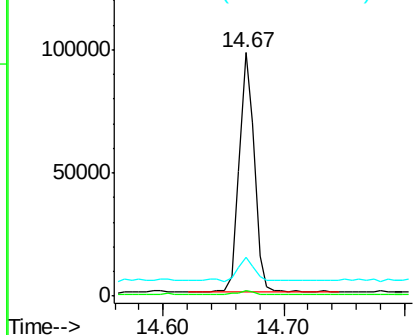


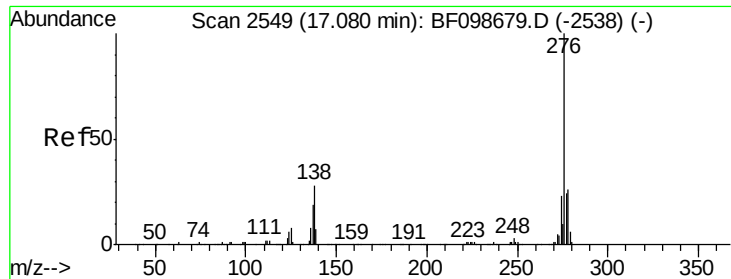
#84
 Di-n-octyl phthalate
 Concen: 4.20 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	11.5	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

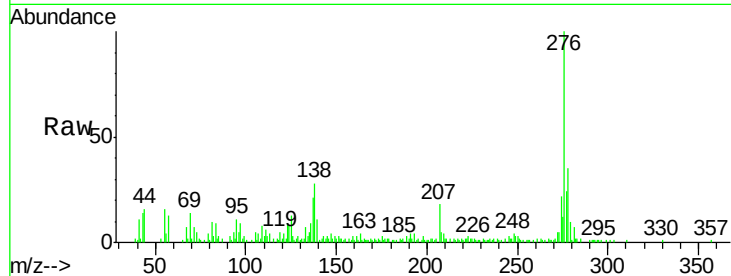




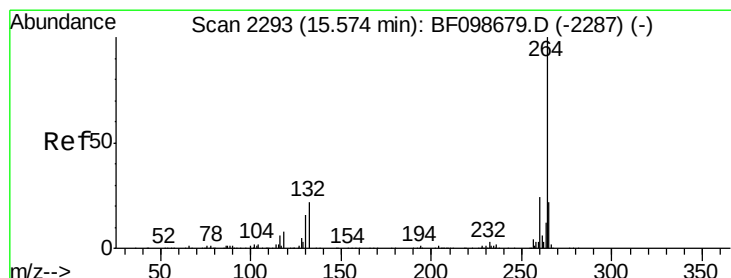
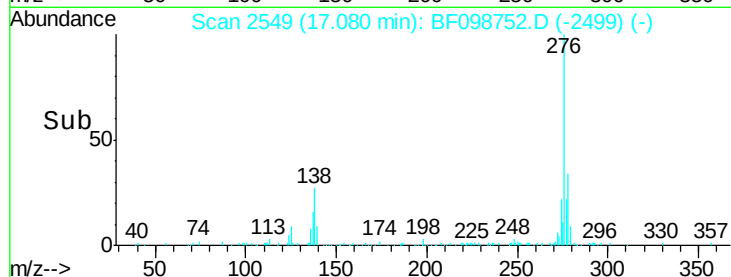
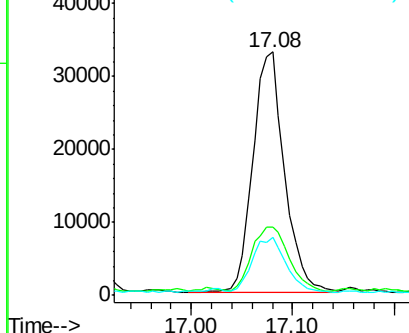
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.06 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	24.2	20.1	30.1

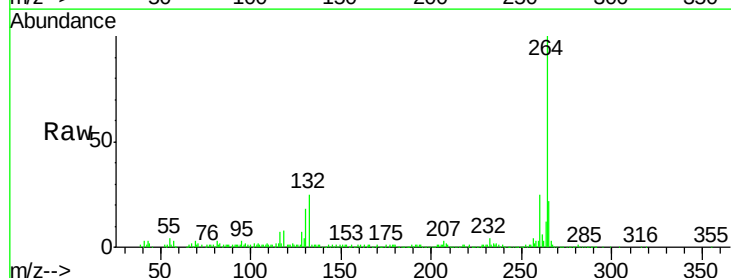


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

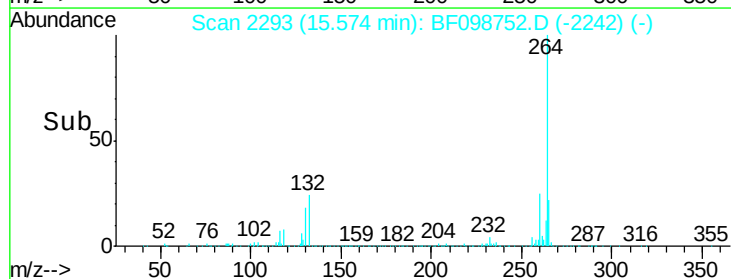
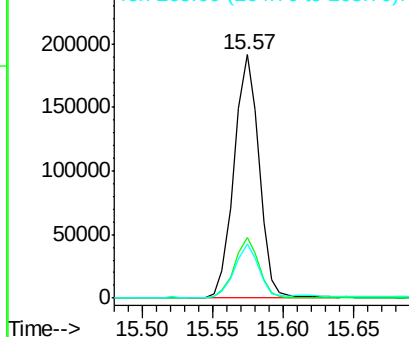


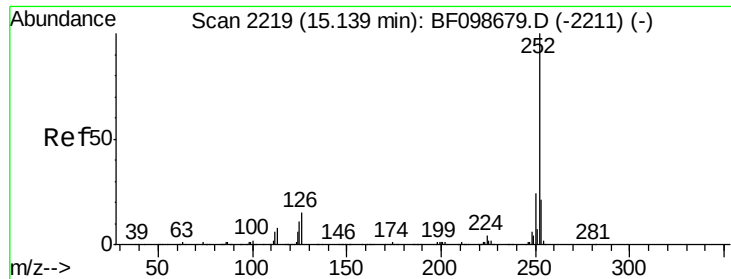
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3



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

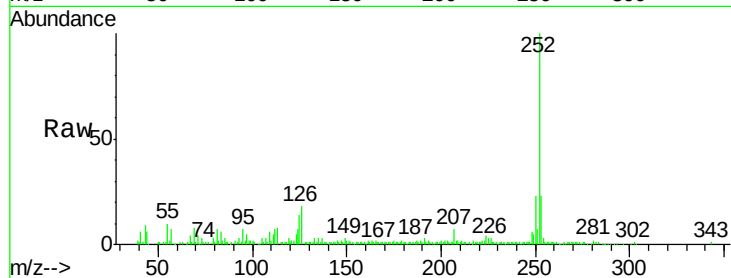




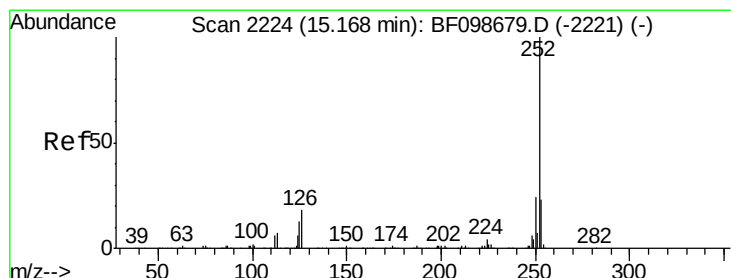
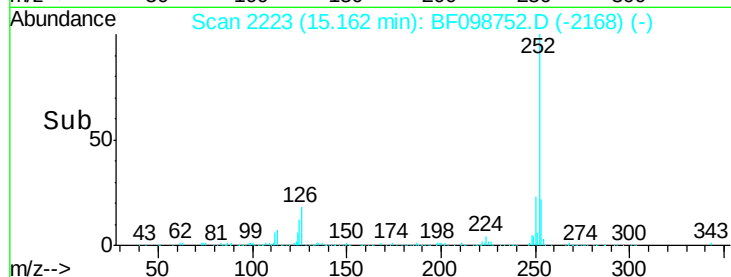
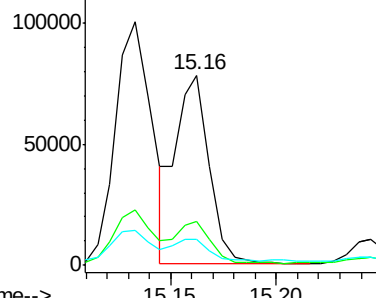
#87
Benzo(b)fluoranthene
Concen: 5.91 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.02 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 86237
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.6 9.0 13.6

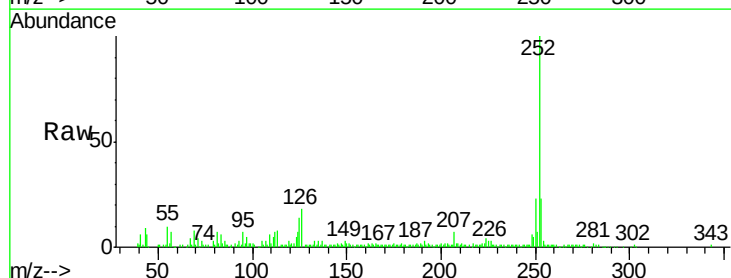


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

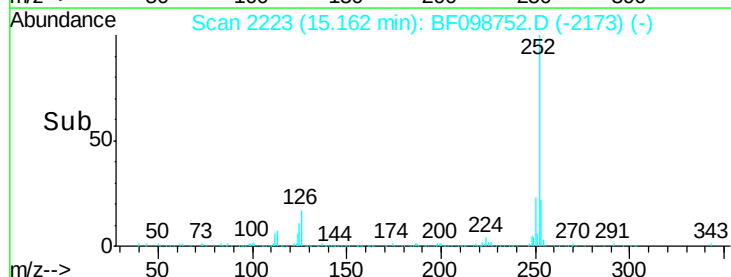
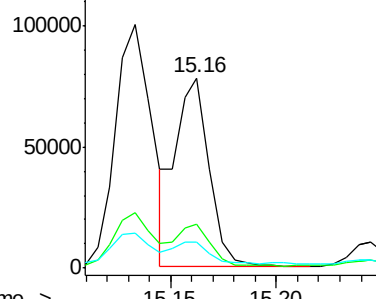


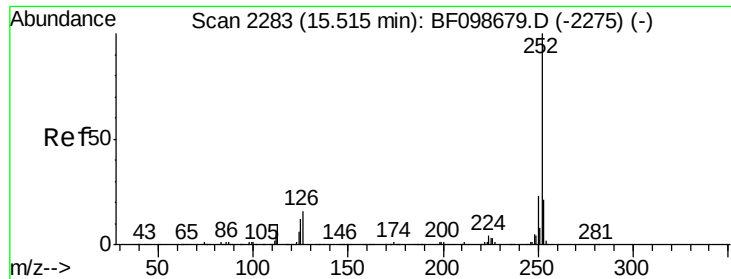
#88
Benzo(k)fluoranthene
Concen: 5.99 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098752.D
Acq: 23 Sep 2017 21:26

Tgt Ion:252 Resp: 86237
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 13.6 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 6.92 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF098752.D

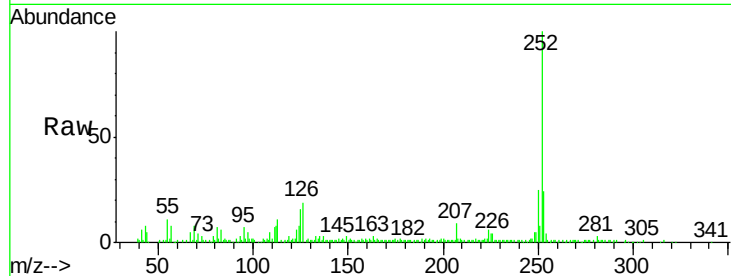
Acq: 23 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

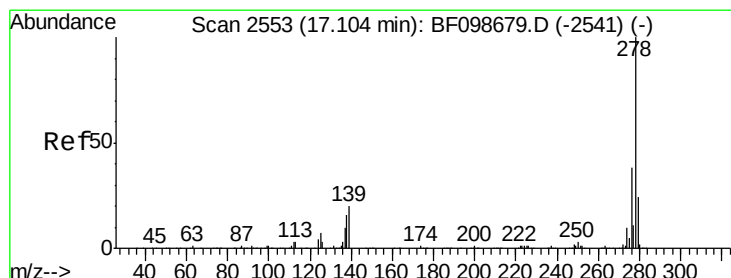
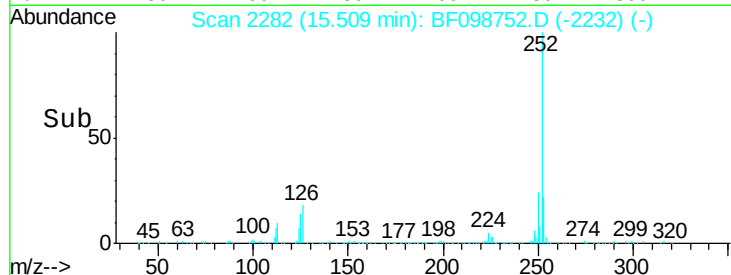
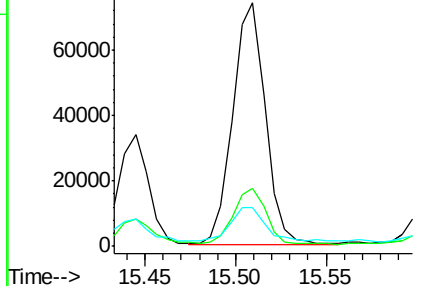
Tot Ion:	252	Resp:	92673
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	16.0	9.8	14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.13 ng

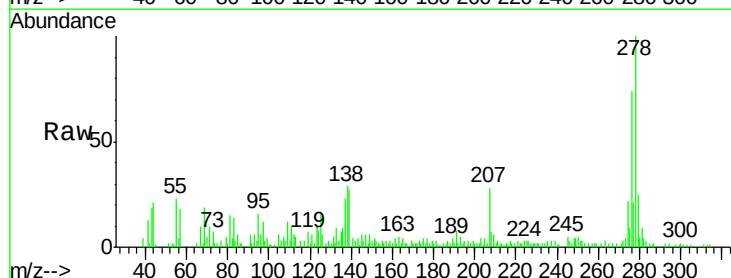
RT: 17.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF098752.D

Acq: 23 Sep 2017 21:26

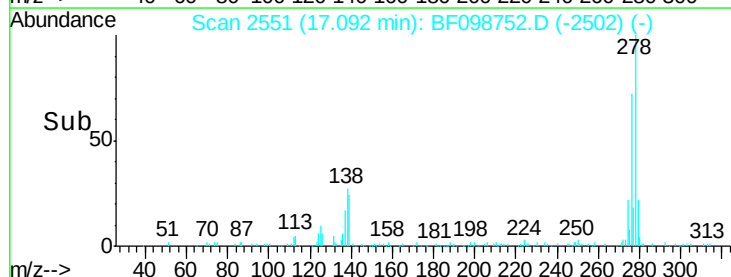
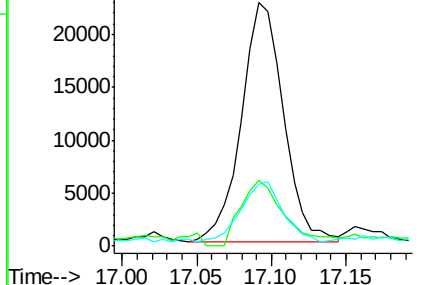
Tgt Ion:	278	Resp:	44251
Ion	Ratio	Lower	Upper
278	100		
139	27.1	15.9	23.9#
279	25.3	19.0	28.4

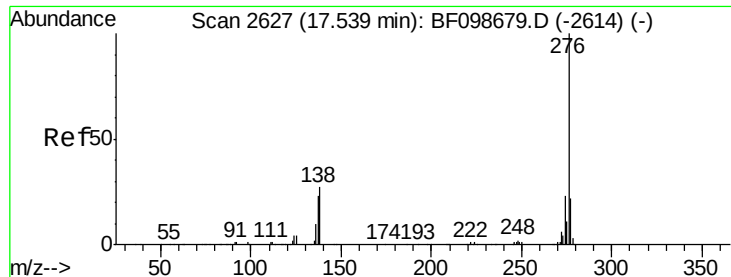


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 6.05 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF098752.D
 Acq: 23 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	31.9	21.8	32.8

