

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098739.D
 Acq On : 23 Sep 2017 15:16
 Operator : SJ/JU
 Sample : PB102553BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:48:31 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	147517	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	629542	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	291631	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	496888	20.00	ng	0.00
75) Chrysene-d12	14.09	240	315882	20.00	ng	0.00
86) Perylene-d12	15.57	264	230797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1235682	133.35	ng	0.01
7) Phenol-d6	6.55	99	1512708	132.33	ng	0.00
23) Nitrobenzene-d5	7.49	82	932013	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	319218	133.77	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1685061	96.46	ng	0.00
78) Terphenyl-d14	13.03	244	1359424	97.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	158697	35.85	ng	98
3) Pyridine	3.60	79	485569	40.55	ng	98
4) n-Nitrosodimethylamine	3.55	42	226667	44.64	ng	93
6) Aniline	6.59	93	482055	31.24	ng	99
8) 2-Chlorophenol	6.71	128	469696	44.76	ng	97
9) Benzaldehyde	6.47	77	128288	19.35	ng	97
10) Phenol	6.56	94	575144	44.99	ng	96
11) bis(2-Chloroethyl)ether	6.66	93	445463	44.82	ng	98
12) 1,3-Dichlorobenzene	6.86	146	472886	43.03	ng	100
13) 1,4-Dichlorobenzene	6.94	146	481816	43.09	ng	99
14) 1,2-Dichlorobenzene	7.09	146	449310	43.49	ng	99
15) Benzyl Alcohol	7.06	79	410968	49.00	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	712279	46.00	ng	98
17) 2-Methylphenol	7.17	107	411686	47.95	ng	98
18) Hexachloroethane	7.43	117	177354	44.13	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	327931	44.93	ng	99
20) 3+4-Methylphenols	7.32	107	504956	46.49	ng	# 85
22) Acetophenone	7.33	105	645325	42.31	ng	# 95
24) Nitrobenzene	7.50	77	494306	44.39	ng	98
25) Isophorone	7.75	82	919872	45.32	ng	99
26) 2-Nitrophenol	7.82	139	262685	49.05	ng	98
27) 2,4-Dimethylphenol	7.85	122	461896	45.67	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	597790	47.26	ng	99
29) 2,4-Dichlorophenol	8.06	162	406649	46.83	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	390916	45.02	ng	99
31) Naphthalene	8.23	128	1333736	45.11	ng	100
32) Benzoic acid	7.93	122	44987	5.42	ng	91
33) 4-Chloroaniline	8.27	127	293302	23.75	ng	100
34) Hexachlorobutadiene	8.34	225	193275	43.21	ng	99
35) Caprolactam	8.65	113	66365	23.83	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	442824	45.38	ng	97
37) 2-Methylnaphthalene	8.92	142	939590	48.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	350061	40.25	ng	99
40) Hexachlorocyclopentadiene	9.07	237	420242	105.73	ng	100

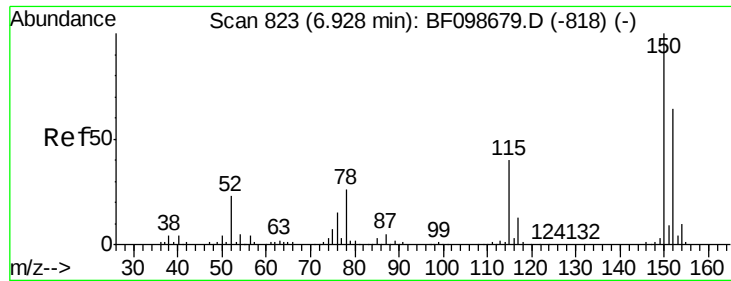
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098739.D
 Acq On : 23 Sep 2017 15:16
 Operator : SJ/JU
 Sample : PB102553BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Sep 25 04:48:31 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)
42) 2,4,6-Trichlorophenol	9.19	196	279516	45.37	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	283333	46.07	nq	94
45) 1,1'-Biphenyl	9.38	154	1076621	42.95	nq	100
46) 2-Chloronaphthalene	9.41	162	846456	44.98	nq	97
47) 2-Nitroaniline	9.50	65	276667	48.01	nq	96
48) Acenaphthylene	9.83	152	1291570	44.83	nq	100
49) Dimethylphthalate	9.68	163	994791	45.20	nq	100
50) 2,6-Dinitrotoluene	9.75	165	224663	46.88	nq	89
51) Acenaphthene	10.00	154	795433	43.59	nq	99
52) 3-Nitroaniline	9.91	138	185294	33.16	nq	98
53) 2,4-Dinitrophenol	10.01	184	62505	29.06	nq	89
54) Dibenzofuran	10.17	168	1144841	47.12	nq	99
55) 4-Nitrophenol	10.07	139	402251	85.14	nq	95
56) 2,4-Dinitrotoluene	10.15	165	297839	47.89	nq	98
57) Fluorene	10.51	166	868125	44.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	204304	48.08	nq	97
59) Diethylphthalate	10.38	149	973546	45.27	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	395534	45.09	nq	98
61) 4-Nitroaniline	10.53	138	246805	45.79	nq	96
62) Azobenzene	10.66	77	956427	48.36	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	75597	25.01	nq	89
65) n-Nitrosodiphenylamine	10.62	169	791224	45.96	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	230635	47.42	nq	94
67) Hexachlorobenzene	11.06	284	227951	43.88	nq	97
68) Atrazine	11.15	200	231978	44.79	nq	99
69) Pentachlorophenol	11.25	266	210138	65.00	nq	99
70) Phenanthrene	11.47	178	1231522	46.30	nq	99
71) Anthracene	11.53	178	1263695	46.44	nq	100
72) Carbazole	11.67	167	1155721	43.37	nq	99
73) Di-n-butylphthalate	12.00	149	1450552	45.22	nq	100
74) Fluoranthene	12.66	202	1206516	44.80	nq	99
76) Benzidine	12.78	184	420828	36.02	nq	99
77) Pyrene	12.89	202	1247334	51.78	nq	100
79) Butylbenzylphthalate	13.50	149	594343	52.50	nq	94
80) Benzo(a)anthracene	14.07	228	905293	47.33	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	193786	27.64	nq	98
82) Chrysene	14.12	228	854225	46.91	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	802276	51.47	nq	# 100
84) Di-n-octyl phthalate	14.67	149	1210007	48.21	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	678548	46.58	nq	96
87) Benzo(b)fluoranthene	15.17	252	646130	45.53	nq	98
88) Benzo(k)fluoranthene	15.17	252	646130	46.10	nq	99
89) Benzo(a)pyrene	15.51	252	634999	48.75	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	560145	53.73	nq	98
91) Benzo(g,h,i)perylene	17.54	276	576432	55.94	nq	96

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

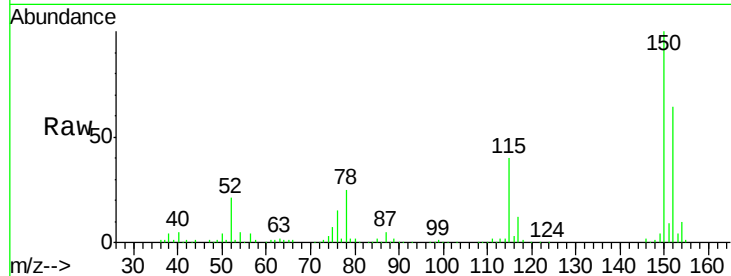


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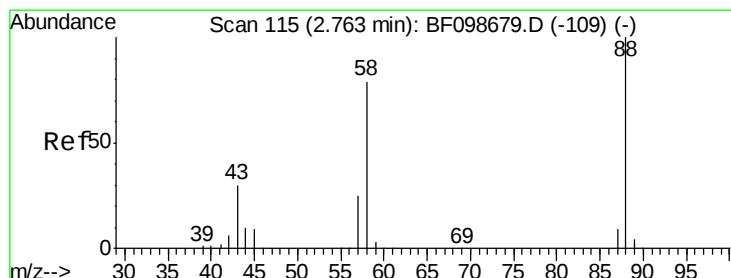
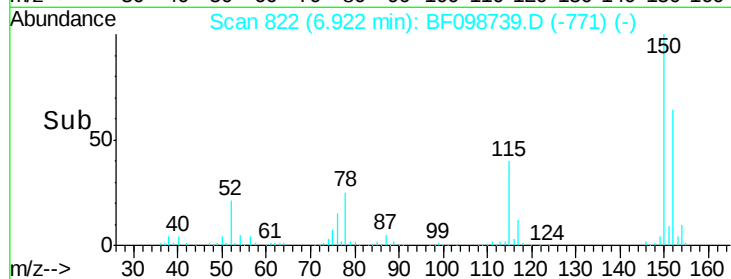
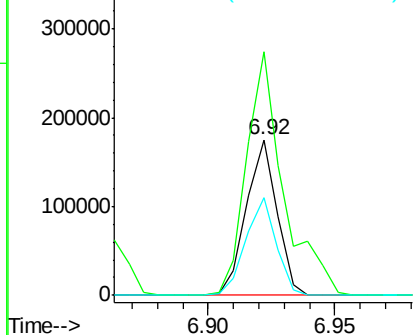
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147517
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.8 50.1 75.1



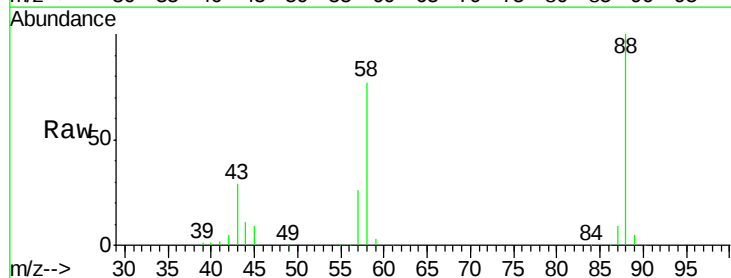
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



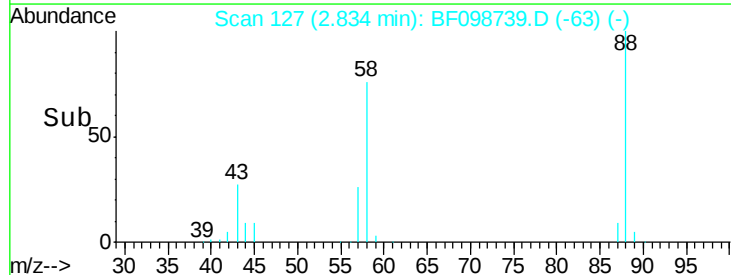
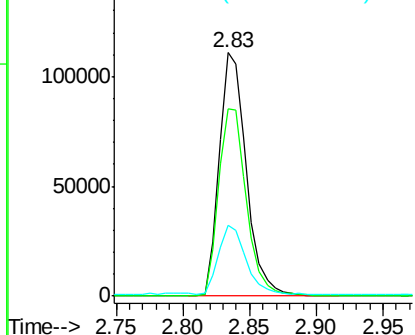
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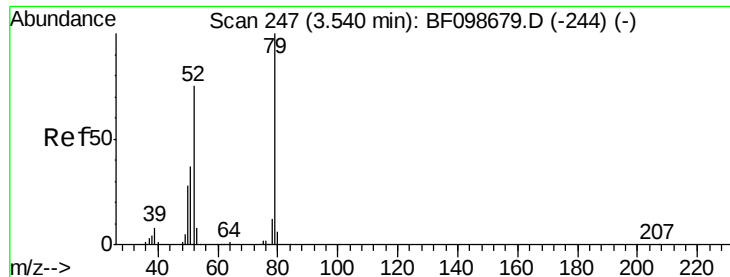
1,4-Dioxane
Concen: 35.85 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.08 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion: 88 Resp: 158697
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 29.8 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: 40.55 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.07 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

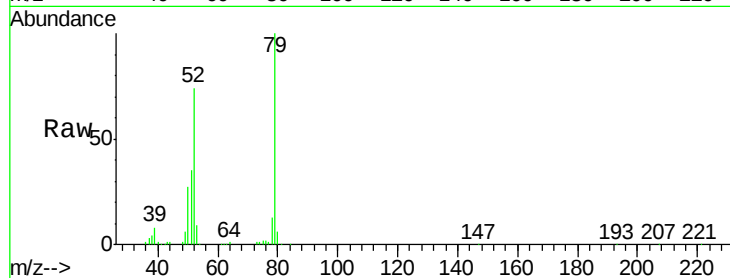
Tot Ion: 79 Resp: 485569

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

51 35.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

300000

250000

200000

150000

100000

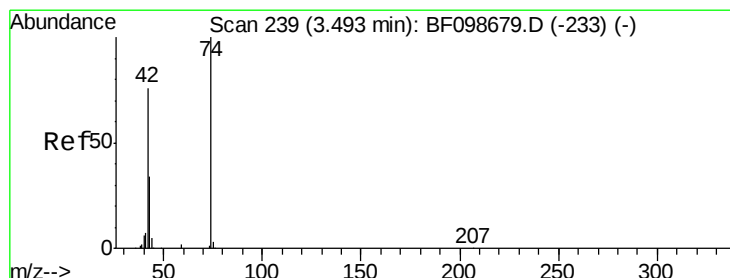
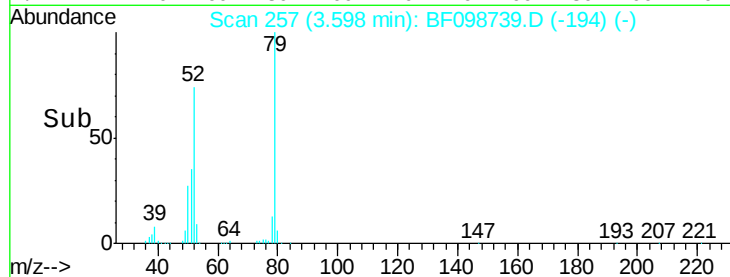
50000

0

3.60

3.50 3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 44.64 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.06 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

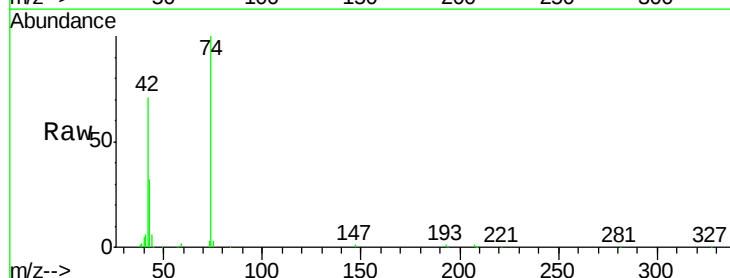
Tgt Ion: 42 Resp: 226667

Ion Ratio Lower Upper

42 100

74 139.9 104.9 157.3

44 8.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

200000

150000

100000

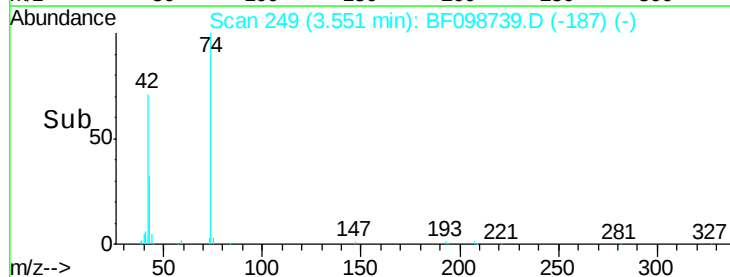
50000

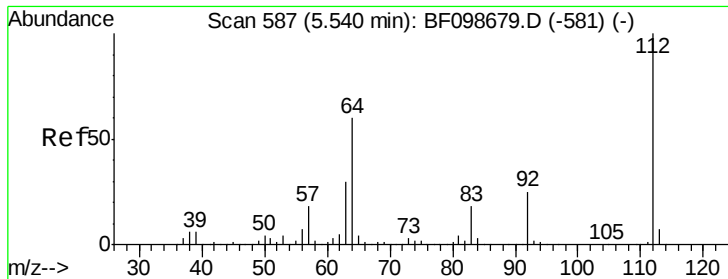
0

3.55

3.50 3.60

Time-->





#5

2-Fluorophenol

Concen: 133.35 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098739.D

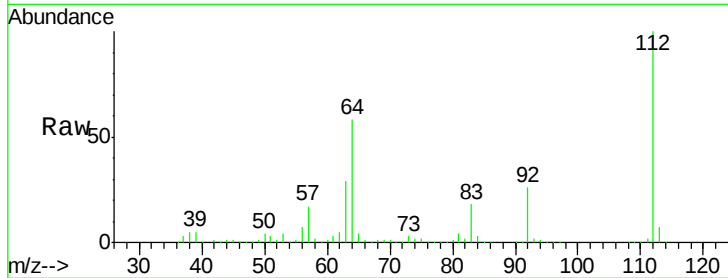
Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampled :

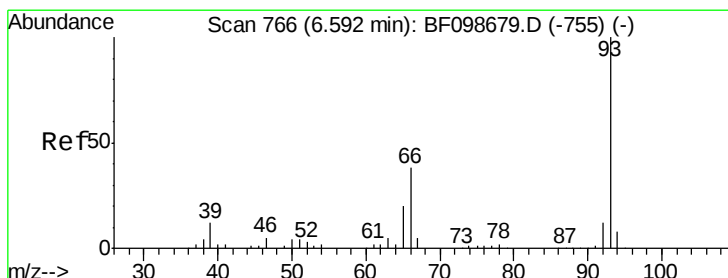
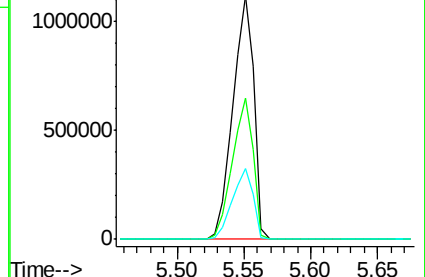
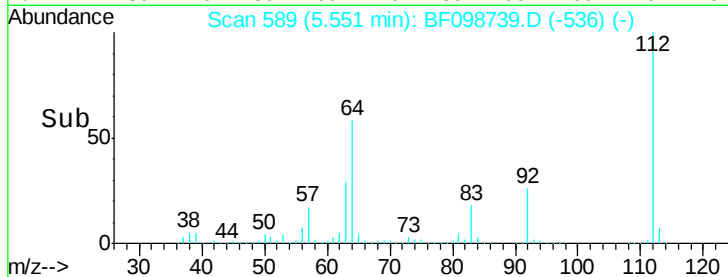
Tot Ion:	112	Resp:	1235682
Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5



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: 31.24 ng

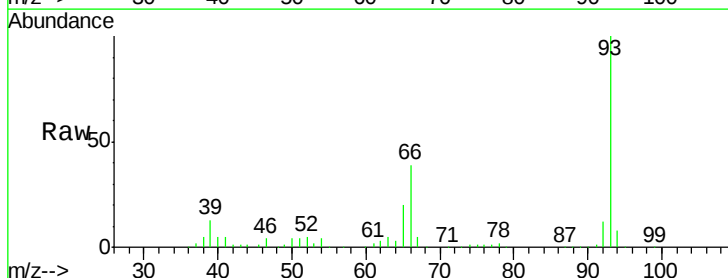
RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

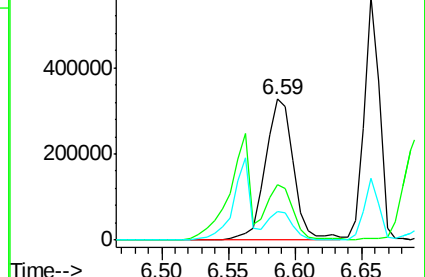
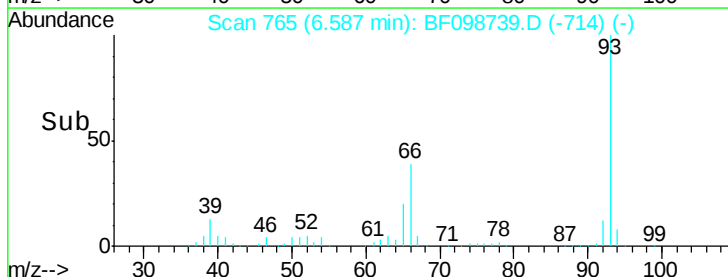
Tgt Ion:	93	Resp:	482055
Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.2
65	20.2	16.4	24.6

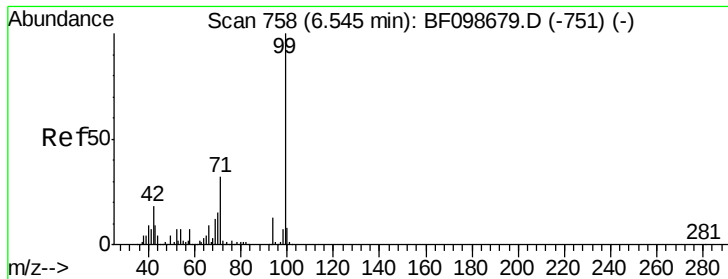


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.33 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampled :

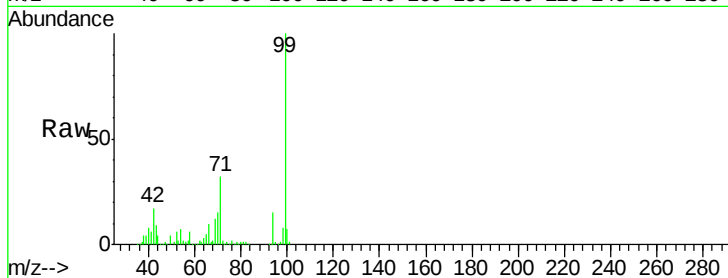
Tot Ion: 99 Resp: 1512708

Ion Ratio Lower Upper

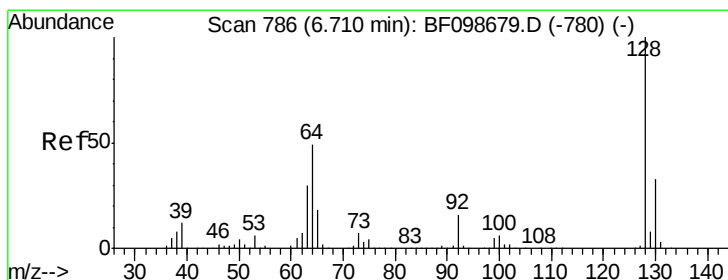
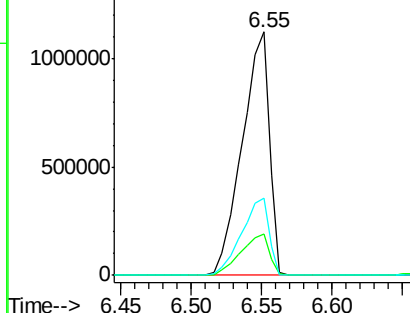
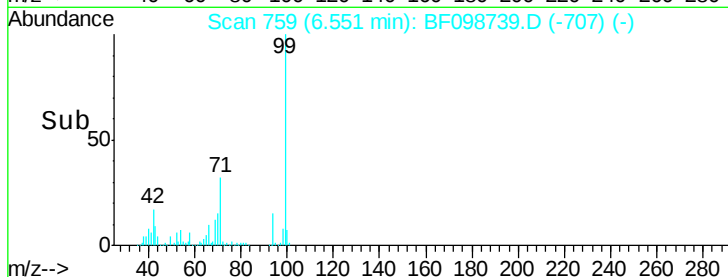
99 100

42 17.0 14.5 21.7

71 31.5 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: 44.76 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

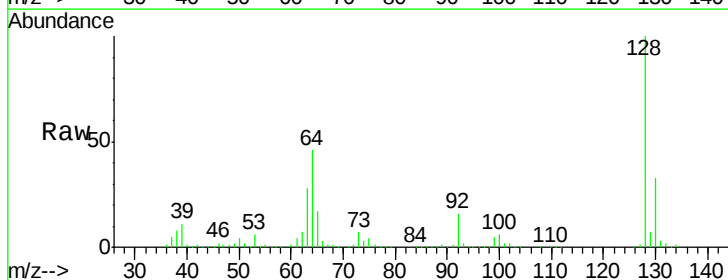
Tgt Ion: 128 Resp: 469696

Ion Ratio Lower Upper

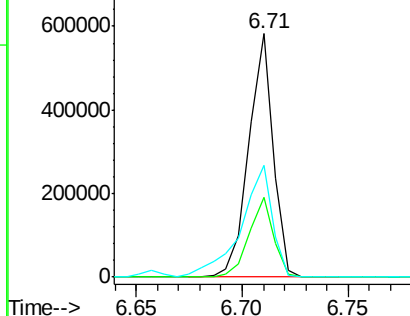
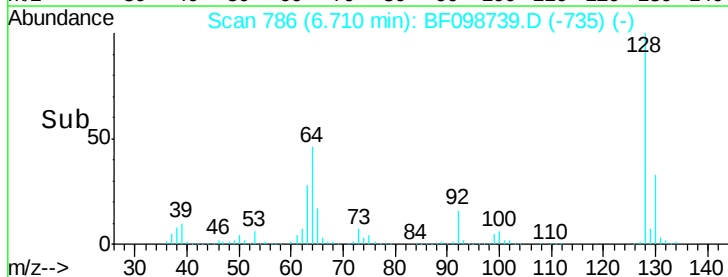
128 100

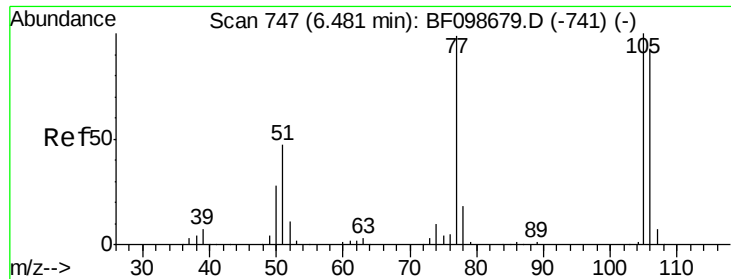
130 32.6 13.0 53.0

64 46.1 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

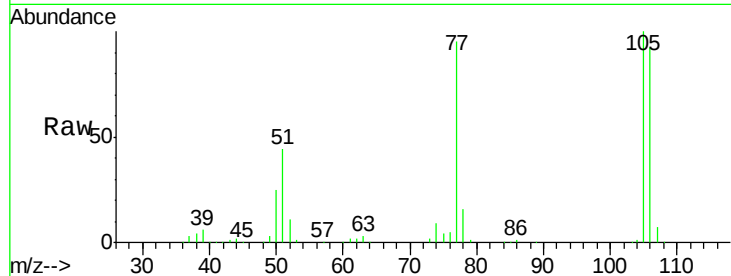




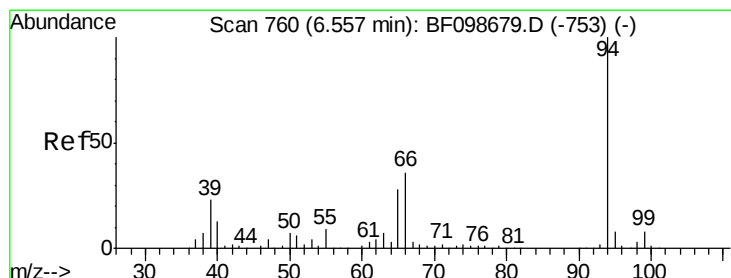
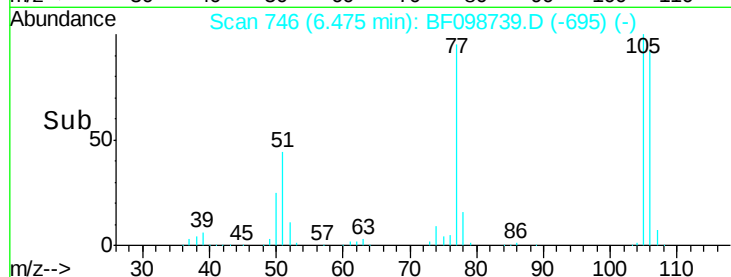
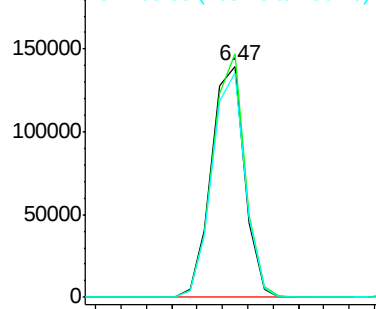
#9
Benzaldehyde
Concen: 19.35 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 128288
Ion Ratio Lower Upper
77 100
105 105.3 81.1 121.1
106 97.2 74.5 114.5

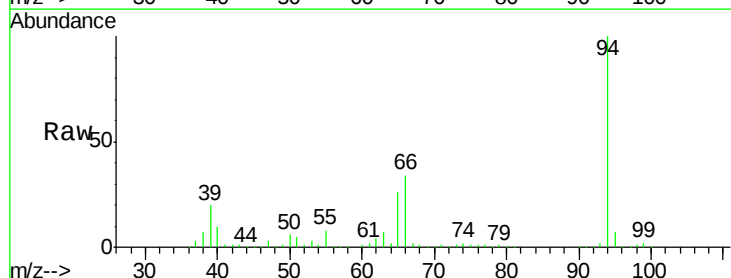


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

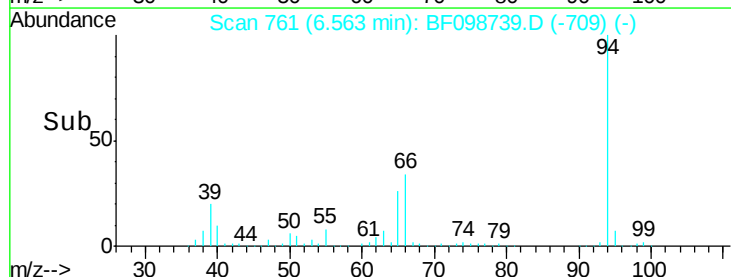
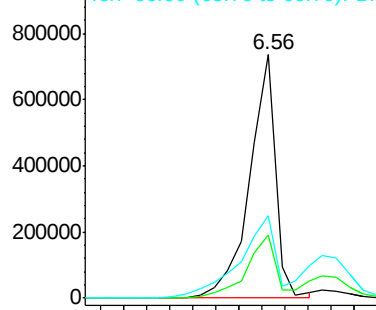


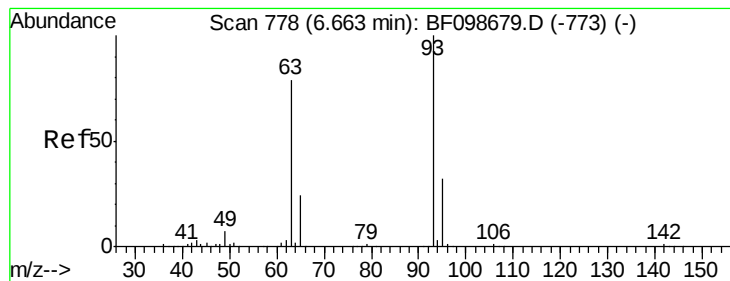
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Phenol
Concen: 44.99 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion: 94 Resp: 575144
Ion Ratio Lower Upper
94 100
65 26.0 7.9 47.9
66 33.6 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

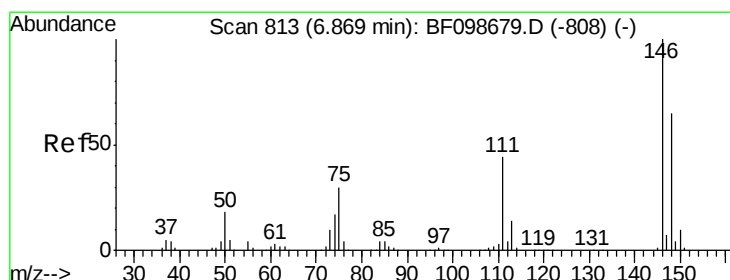
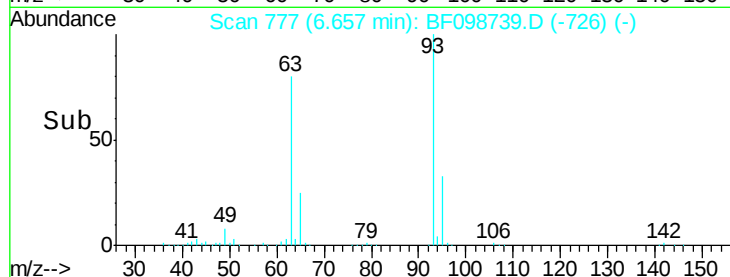
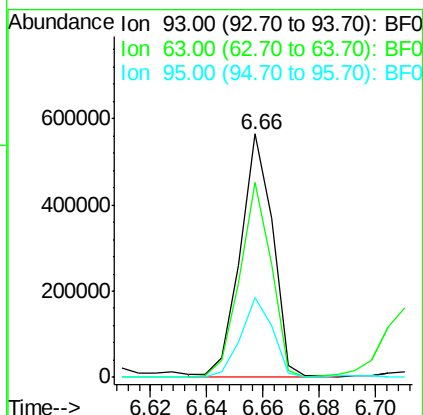
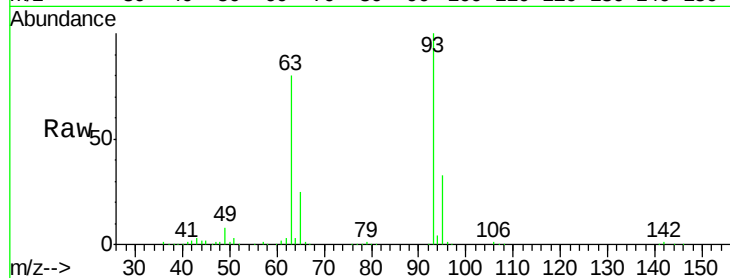




#11
 bis(2-Chloroethyl)ether
 Concen: 44.82 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

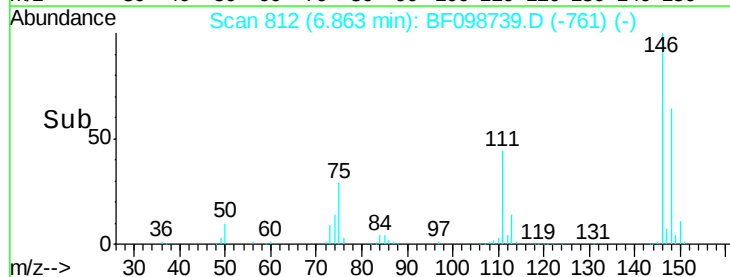
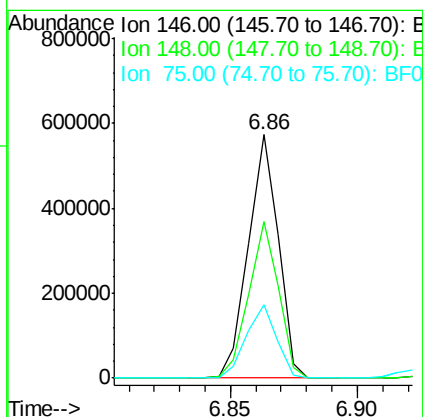
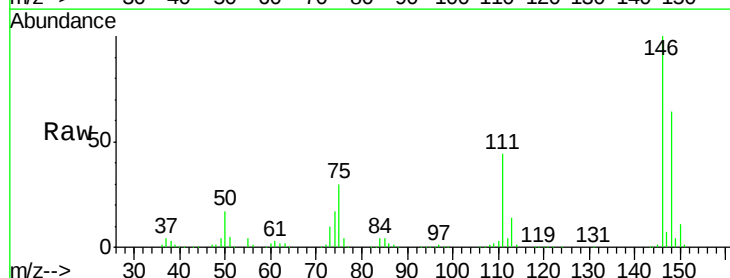
Instrument :
 BNA_F
 ClientSampleId :

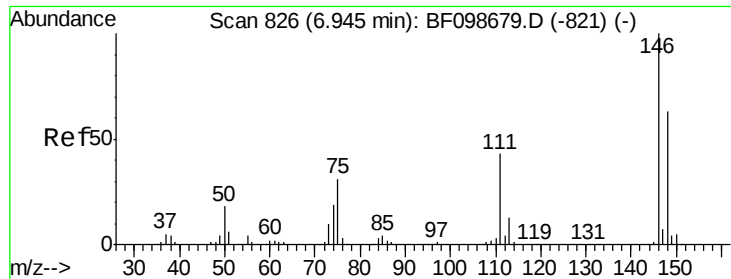
Tot Ion: 93 Resp: 445463
 Ion Ratio Lower Upper
 93 100
 63 79.9 58.6 98.6
 95 32.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 43.03 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion: 146 Resp: 472886
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 30.3 24.2 36.4

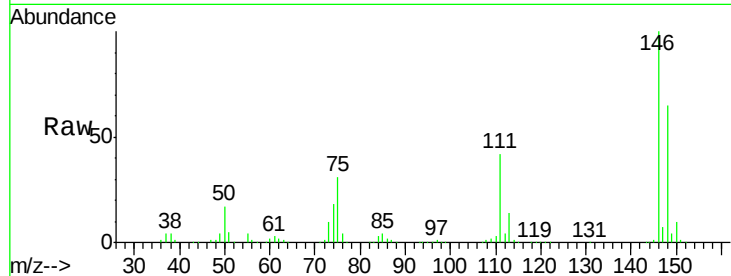




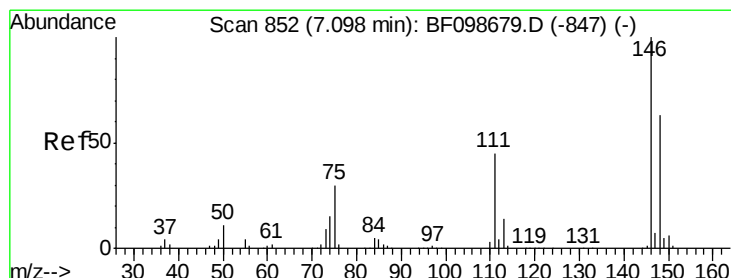
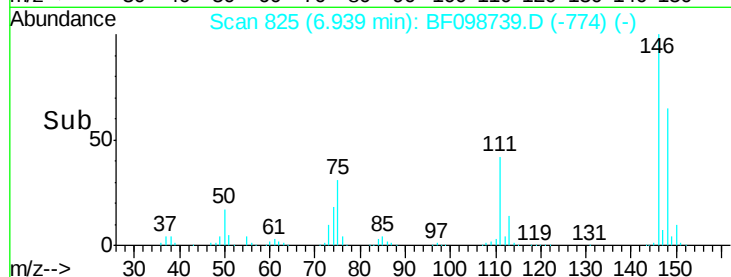
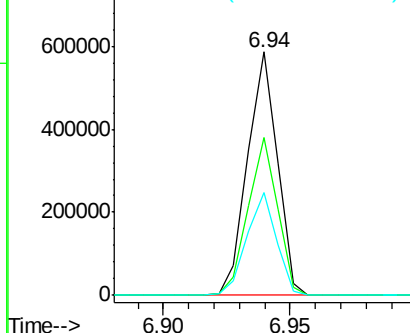
#13
 1,4-Dichlorobenzene
 Concen: 43.09 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.0	34.2	51.2

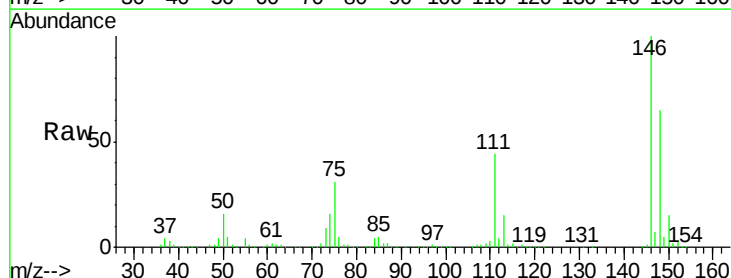


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

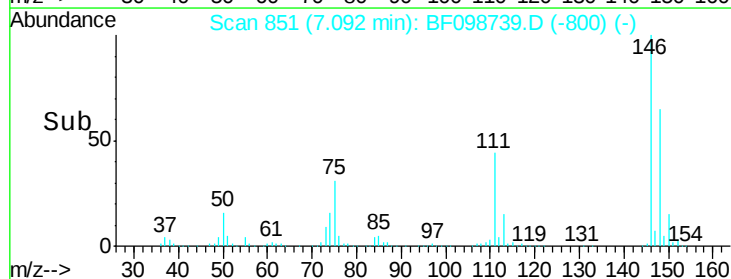
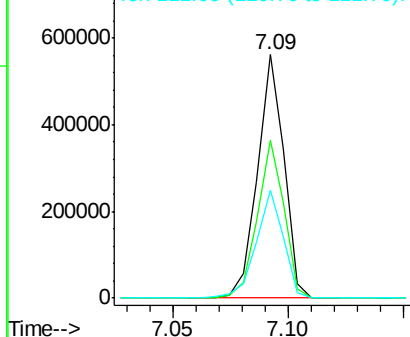


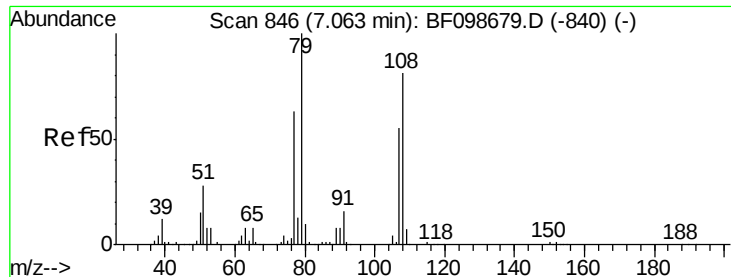
#14
 1,2-Dichlorobenzene
 Concen: 43.49 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	44.5	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 49.00 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

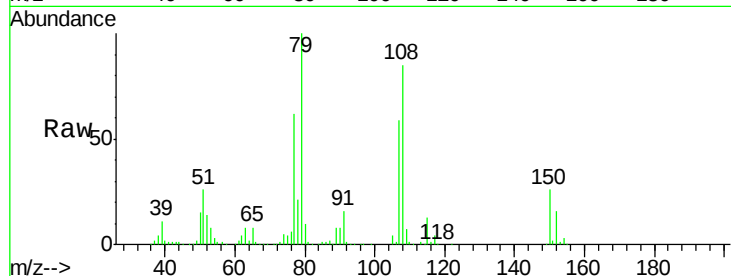
Tot Ion: 79 Resp: 410968

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

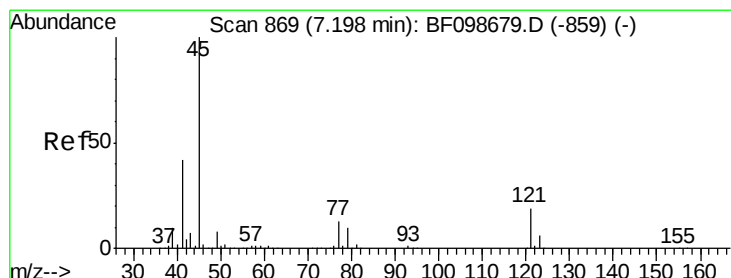
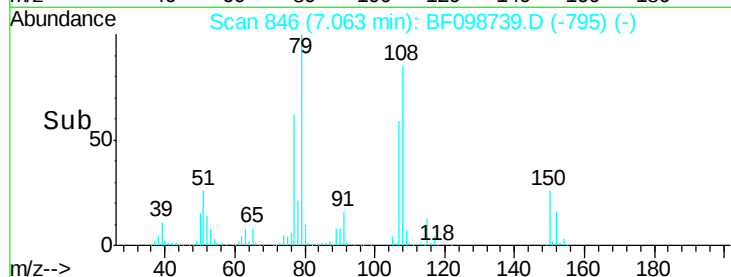
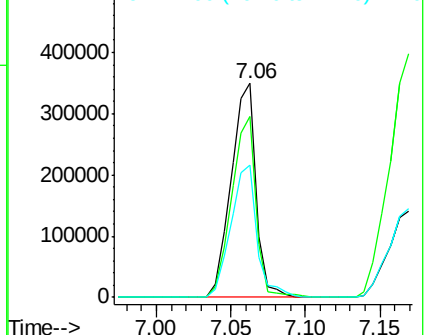
77 61.9 50.6 75.8



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: 46.00 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

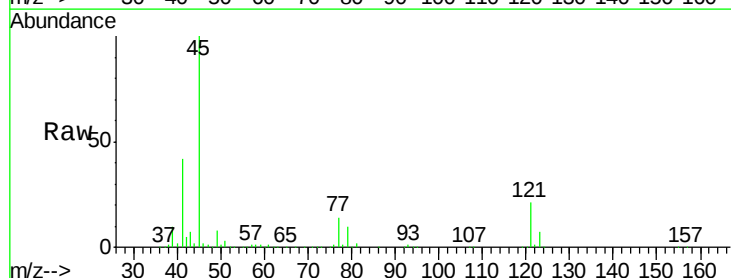
Tgt Ion: 45 Resp: 712279

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

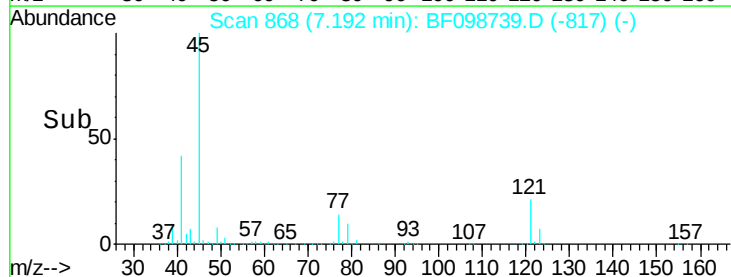
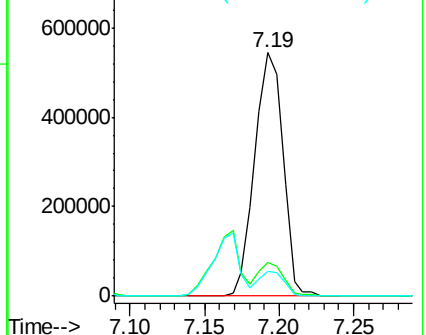
79 10.2 0.0 29.6

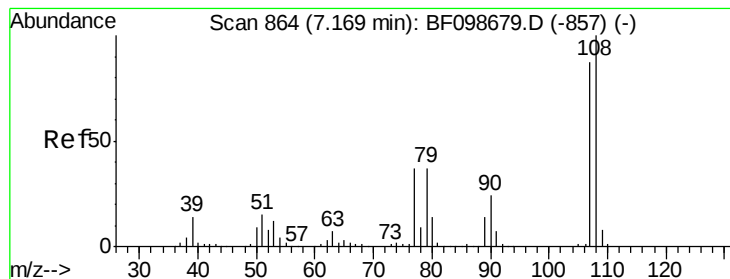


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

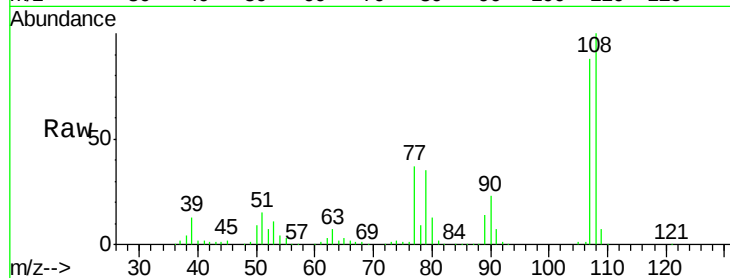




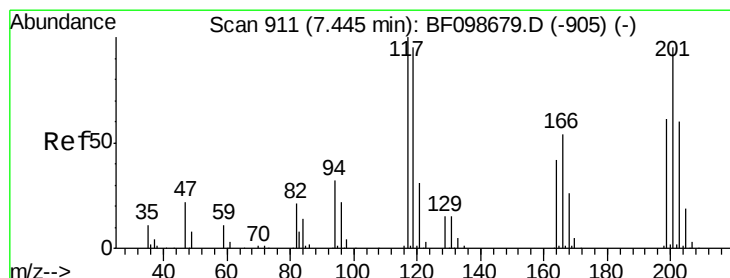
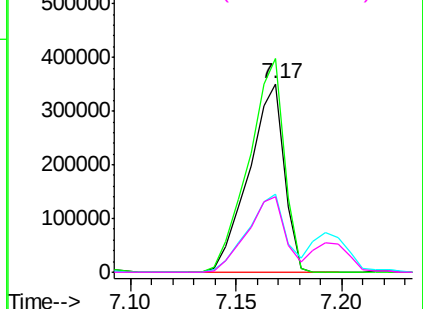
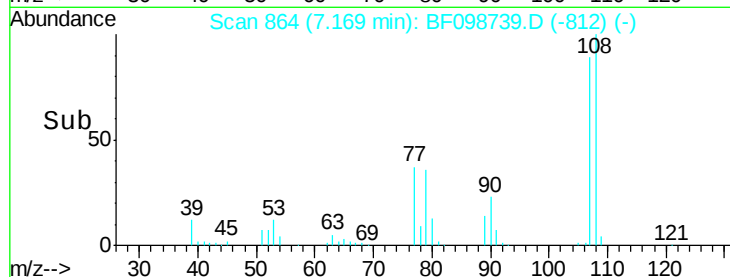
#17
2-Methylphenol
Concen: 47.95 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 411686
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 41.6 33.8 50.8
79 40.0 33.8 50.8

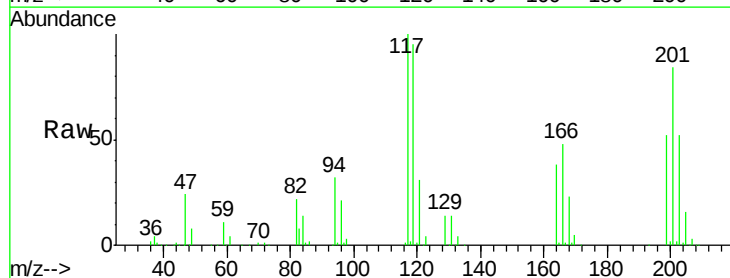


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

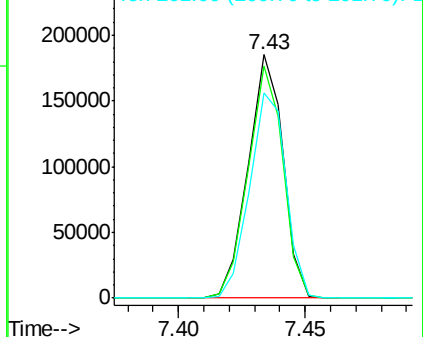
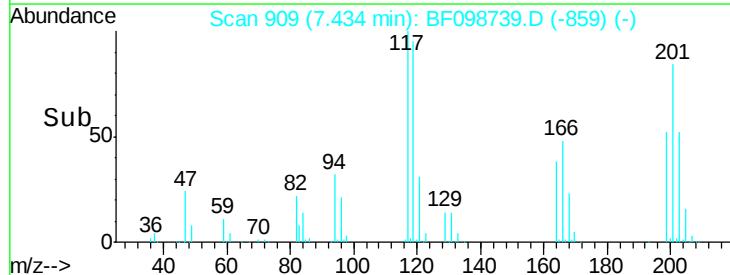


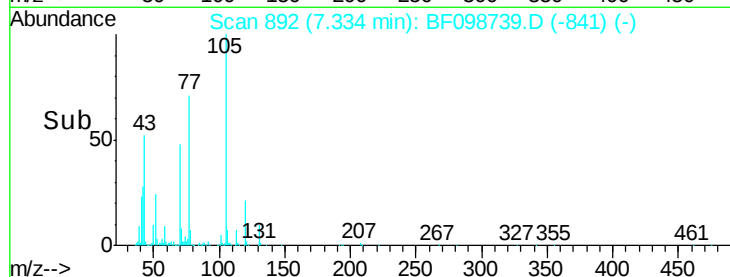
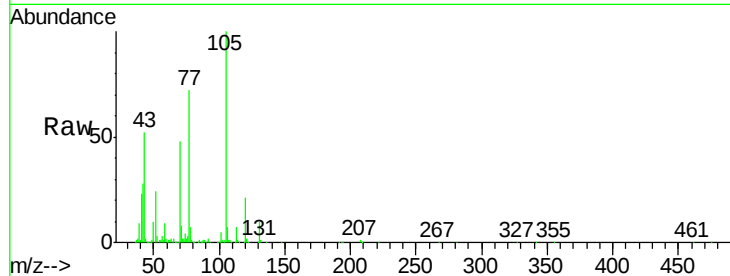
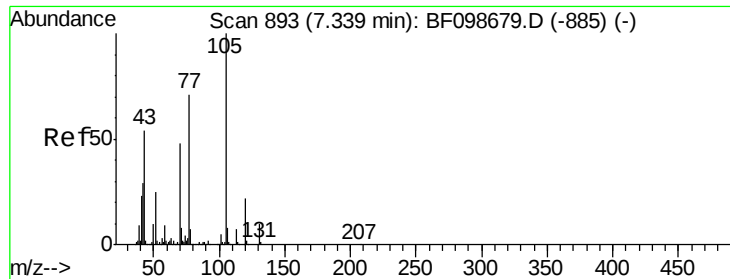
#18
Hexachloroethane
Concen: 44.13 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:117 Resp: 177354
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 84.4 75.7 113.5



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

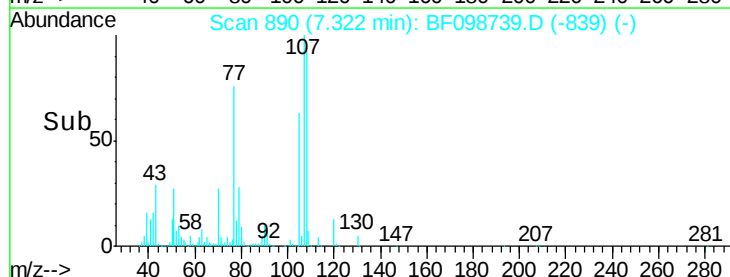
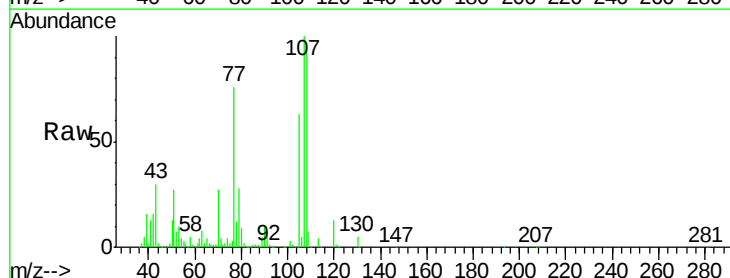
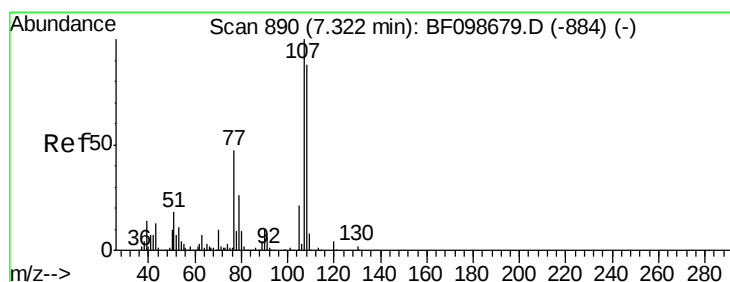
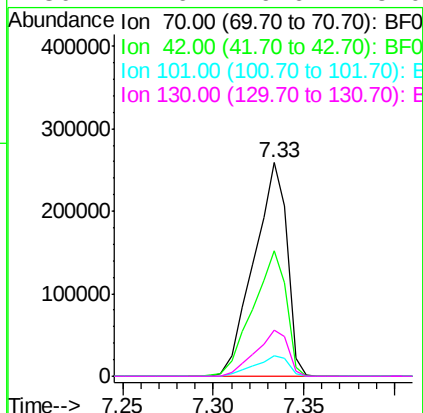




#19
n-Nitroso-di-n-propylamine
Concen: 44.93 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

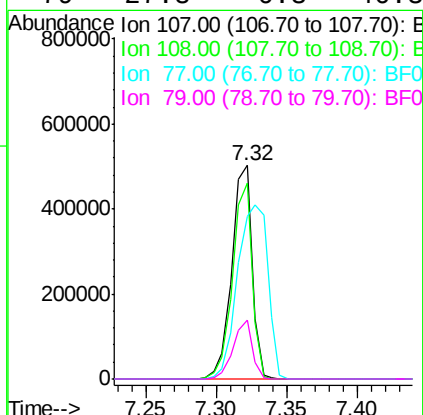
Instrument :
BNA_F
ClientSampleId :

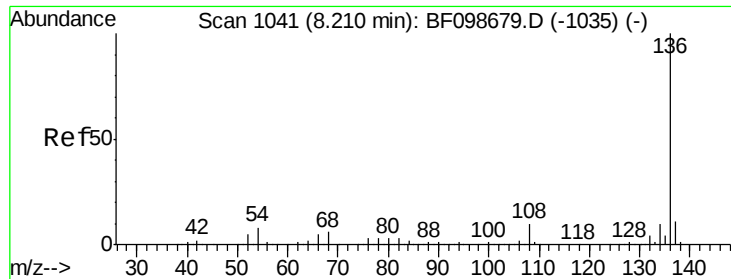
Tot Ion:	70	Resp:	327931
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	9.8	7.4	11.2
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.49 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:	107	Resp:	504956
Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.2	108.2
77	76.2	26.7	66.7#
79	27.8	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: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 629542

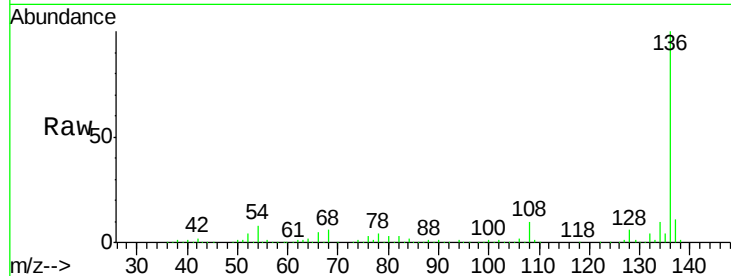
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 6.3 5.0 7.4

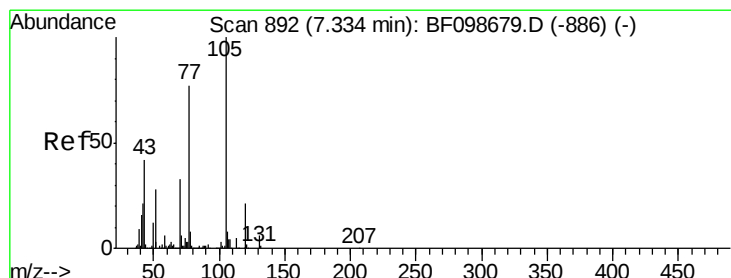
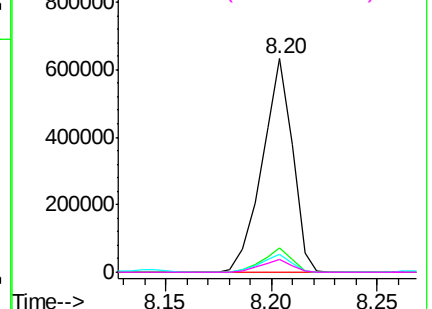
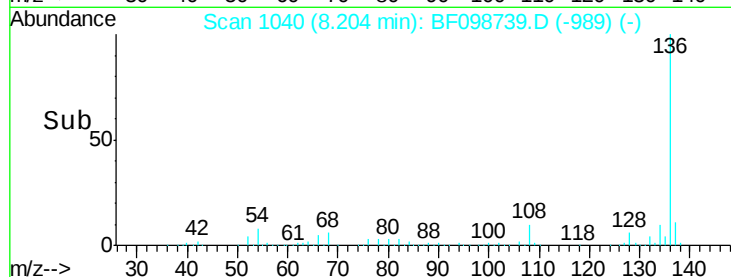


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.31 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:105 Resp: 645325

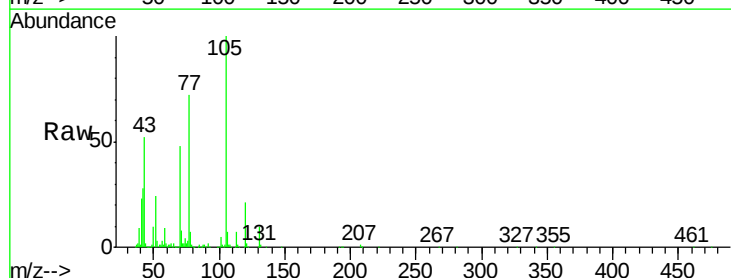
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 24.3 22.3 33.5

120 21.4 16.9 25.3

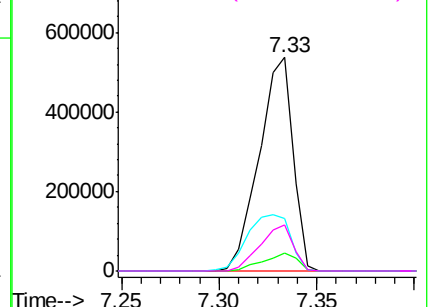
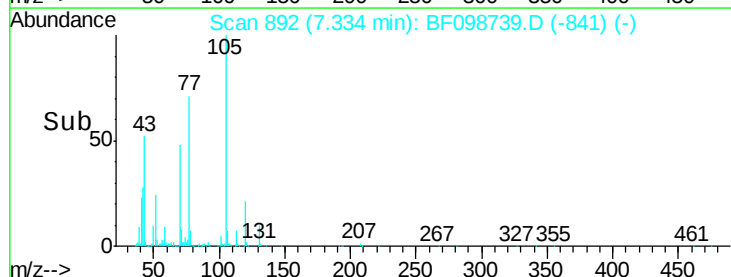


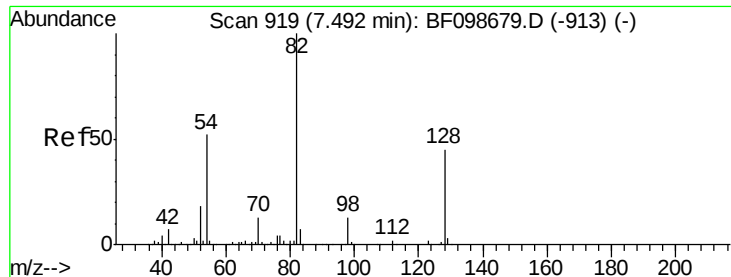
Abundance Ion 105.00 (104.70 to 105.70): E

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

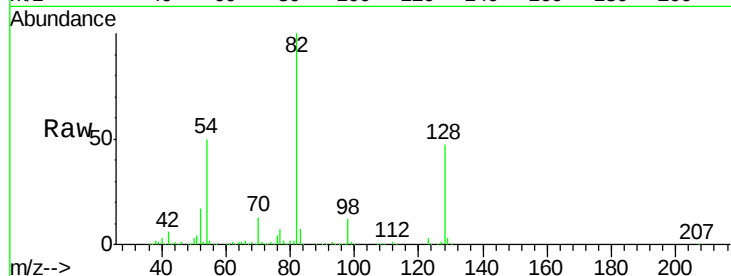




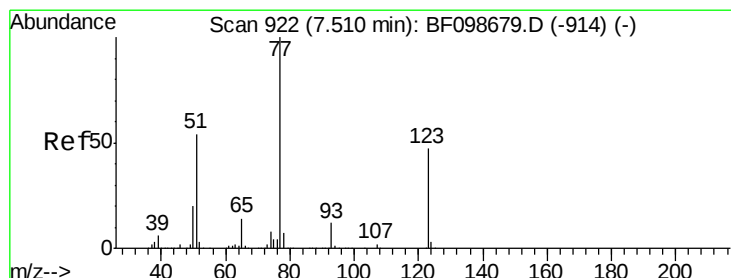
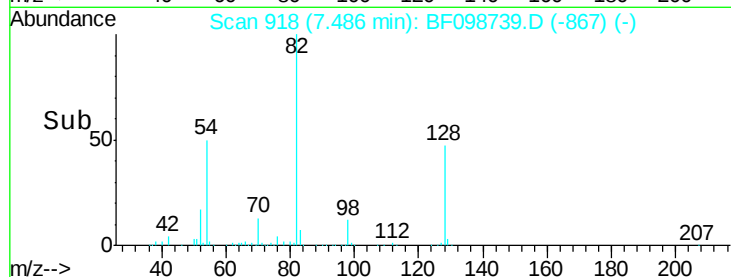
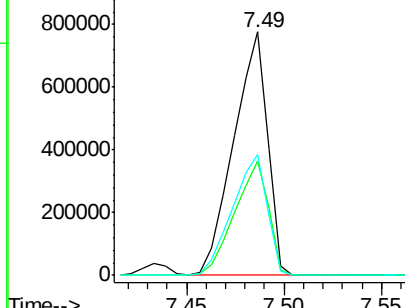
#23
 Nitrobenzene-d5
 Concen: 94.94 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	932013
Ion Ratio	100	Lower	Upper
128	46.8	36.1	54.1
54	49.8	41.4	62.2

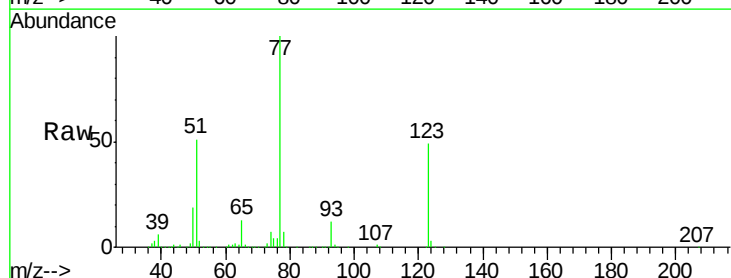


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

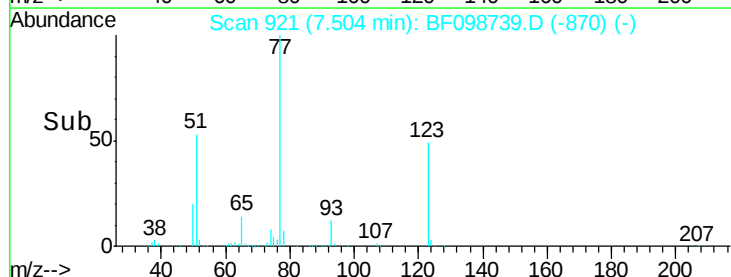
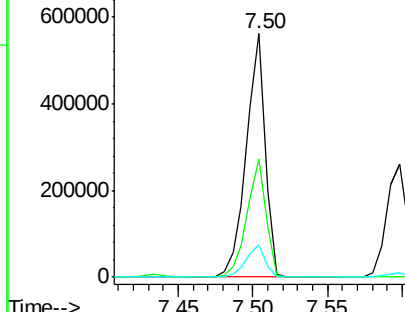


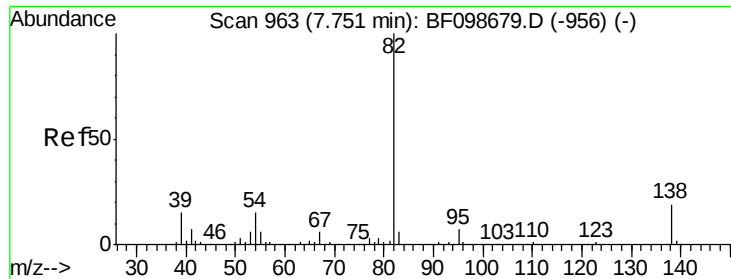
#24
 Nitrobenzene
 Concen: 44.39 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	77	Resp	494306
Ion Ratio	100	Lower	Upper
123	48.7	37.9	56.9
65	13.4	11.0	16.4



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





#25

Isophorone

Concen: 45.32 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

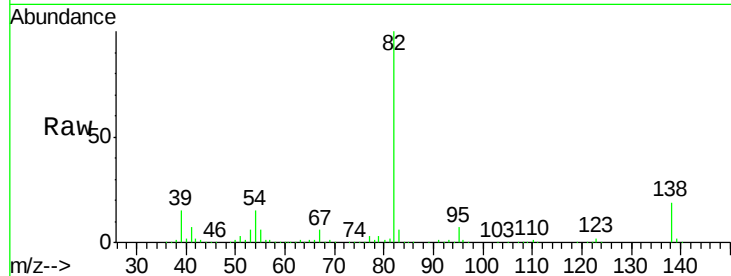
Tot Ion: 82 Resp: 919872

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

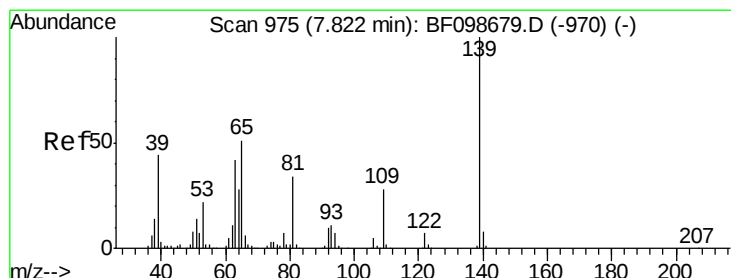
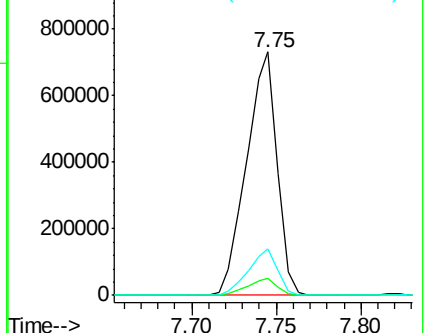
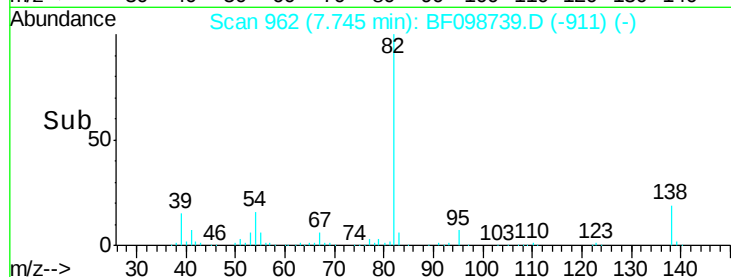
138 19.0 14.9 22.3



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: 49.05 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

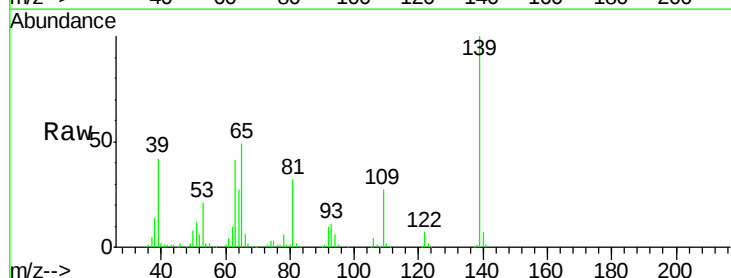
Tgt Ion: 139 Resp: 262685

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

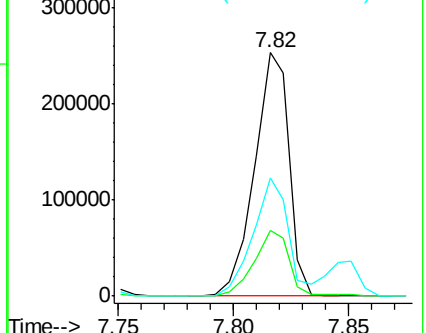
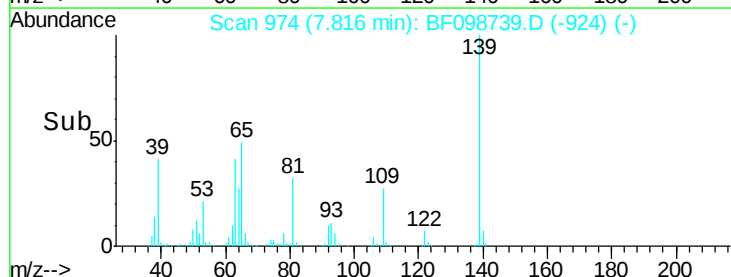
65 48.8 40.5 60.7

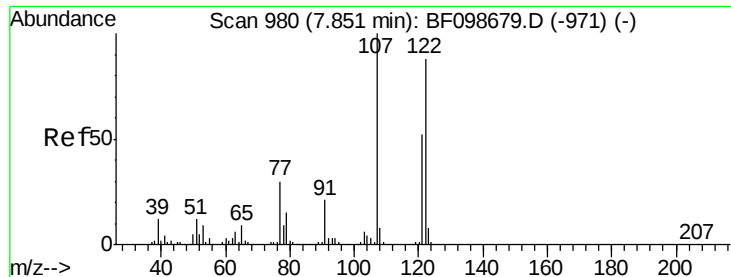


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.67 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

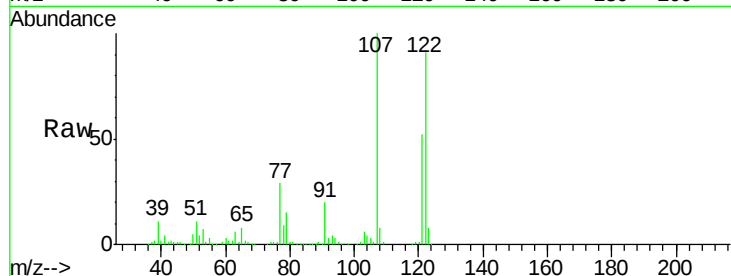
Tot Ion:122 Resp: 461896

Ion Ratio Lower Upper

122 100

107 109.8 91.2 136.8

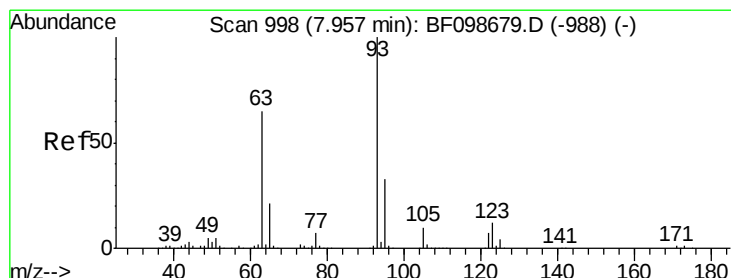
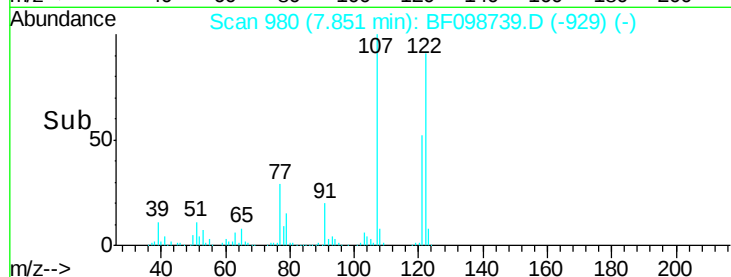
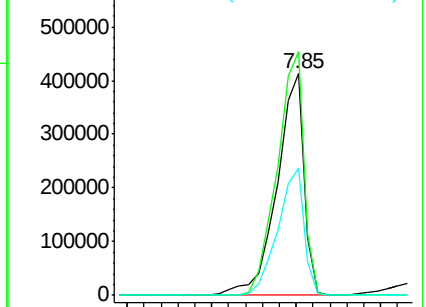
121 57.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.26 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

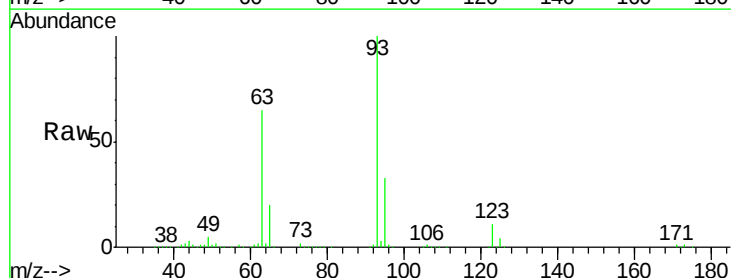
Tgt Ion: 93 Resp: 597790

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

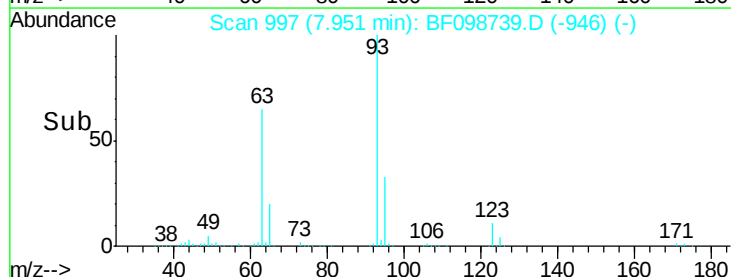
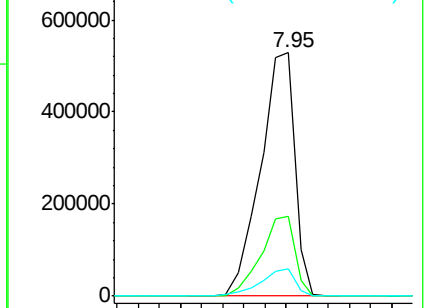
123 11.0 9.8 14.6

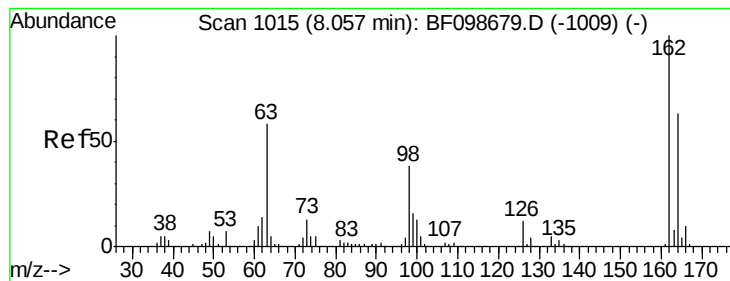


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.83 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

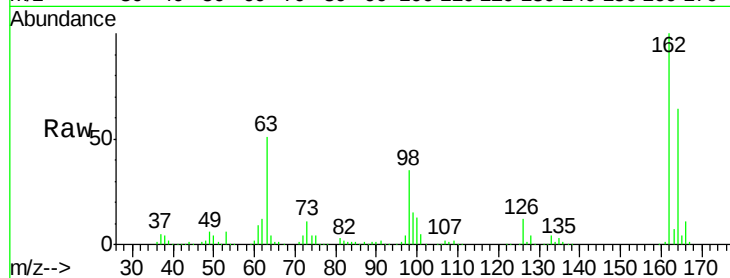
Tot Ion:162 Resp: 406649

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

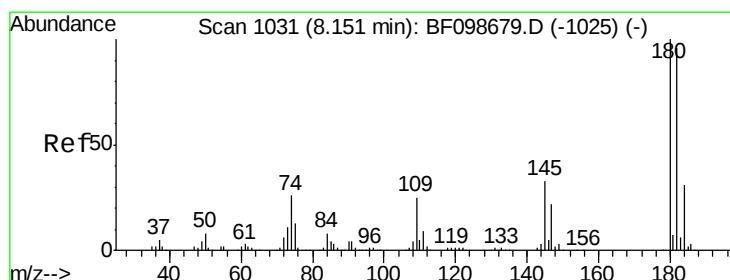
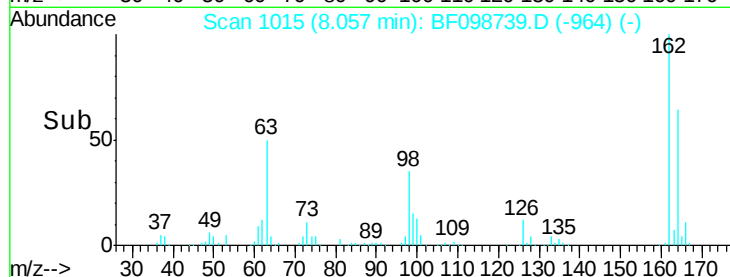
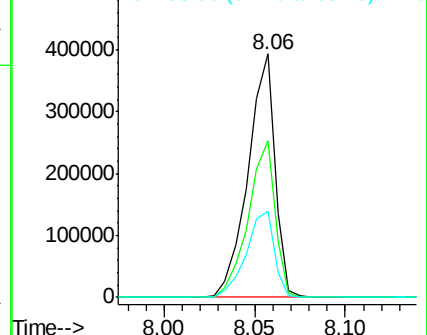
98 35.2 18.1 58.1



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: 45.02 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

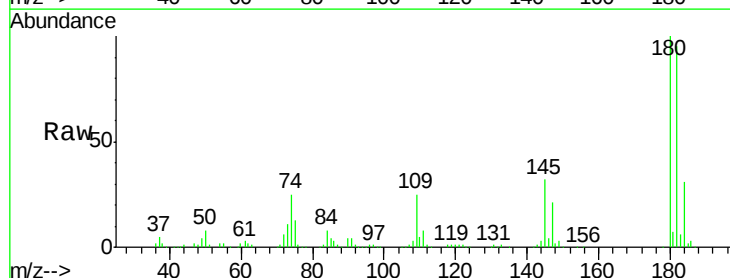
Tgt Ion:180 Resp: 390916

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

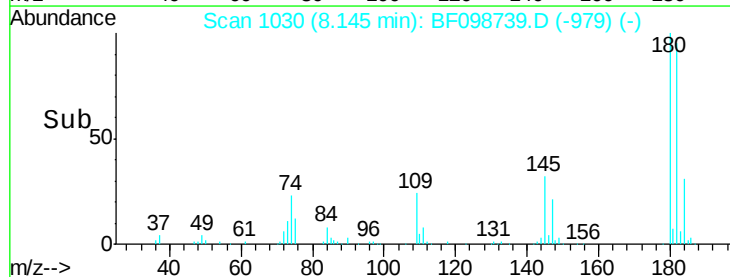
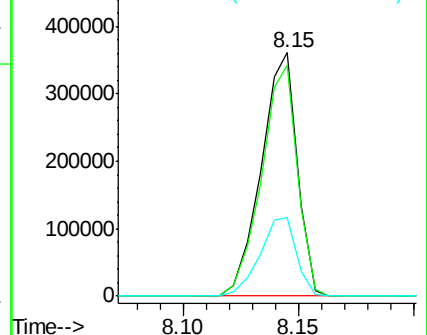
145 32.5 26.5 39.7

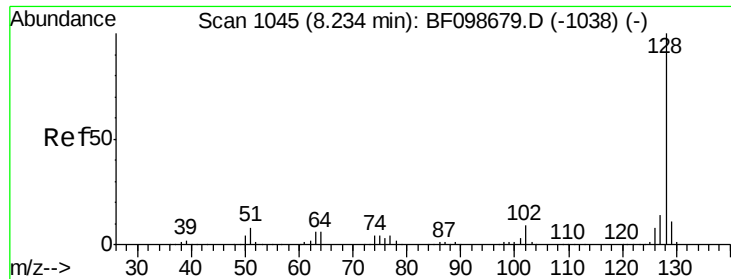


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

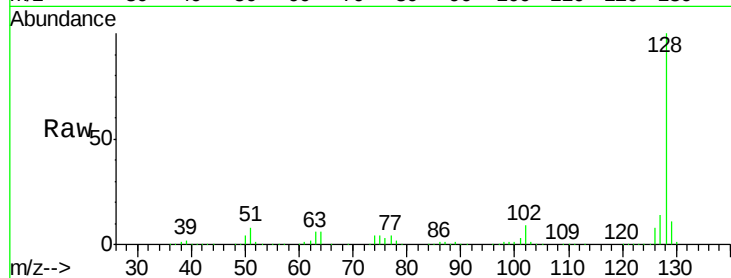




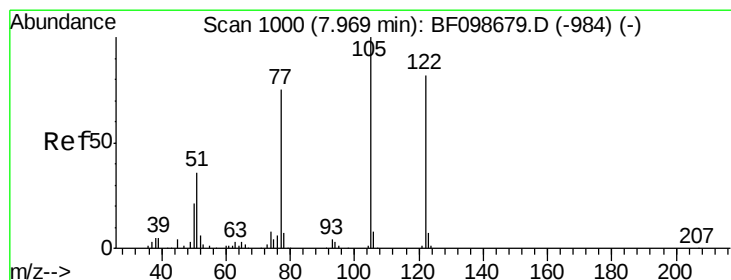
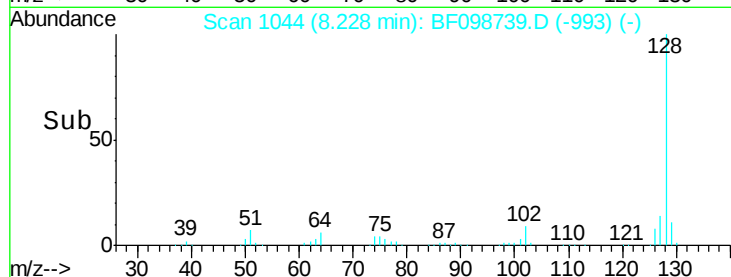
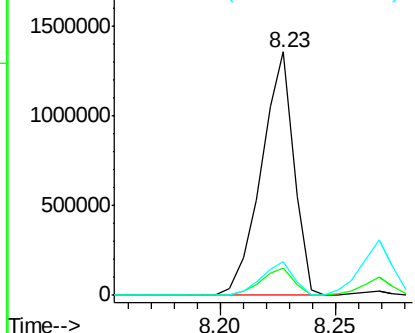
#31
Naphthalene
Concen: 45.11 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1333736
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.7 10.9 16.3

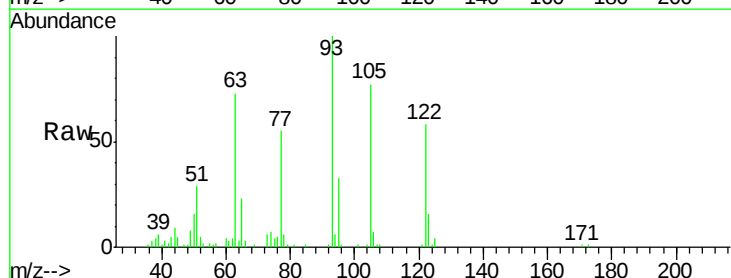


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

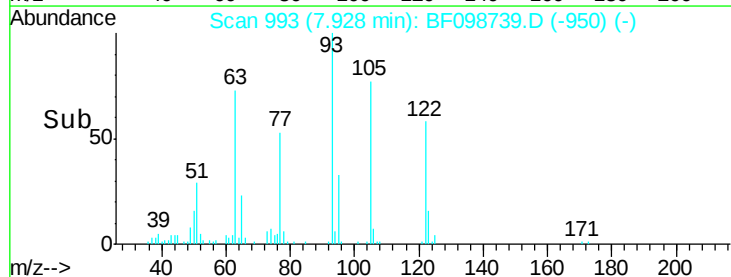
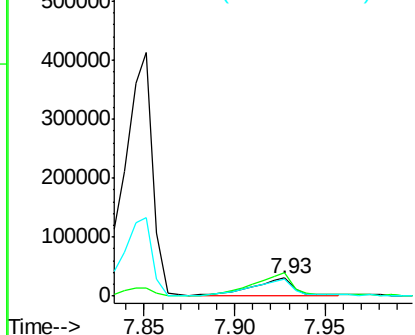


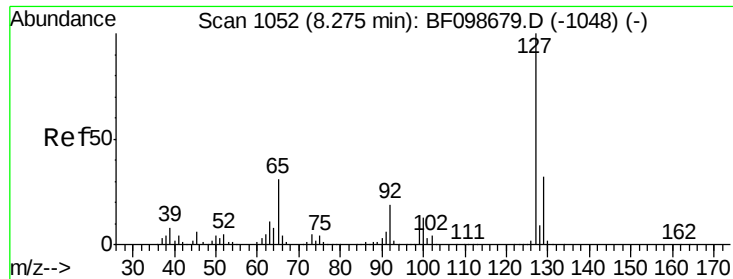
#32
Benzoic acid
Concen: 5.42 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:122 Resp: 44987
Ion Ratio Lower Upper
122 100
105 133.3 101.1 141.1
77 95.8 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

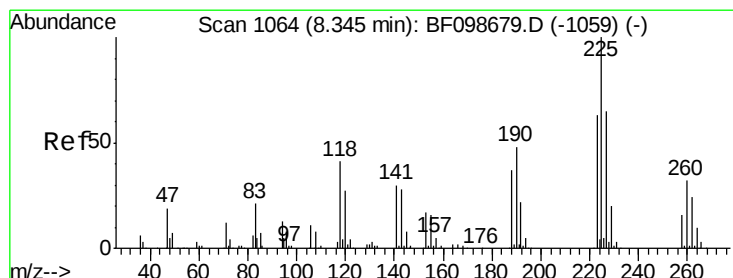
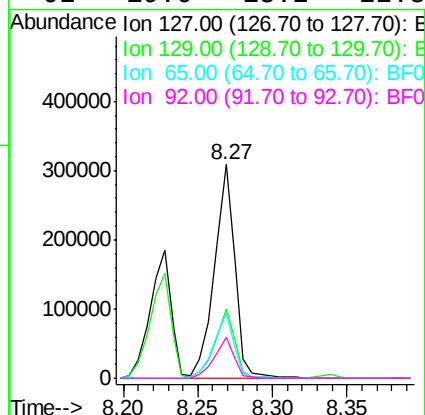
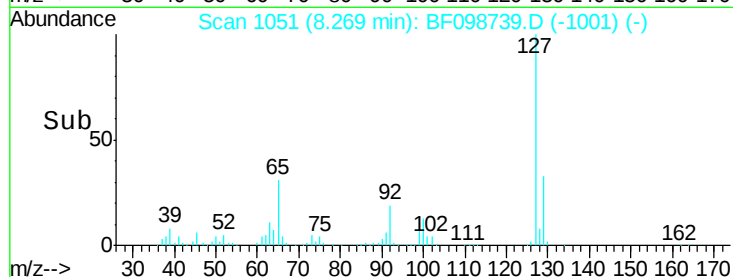
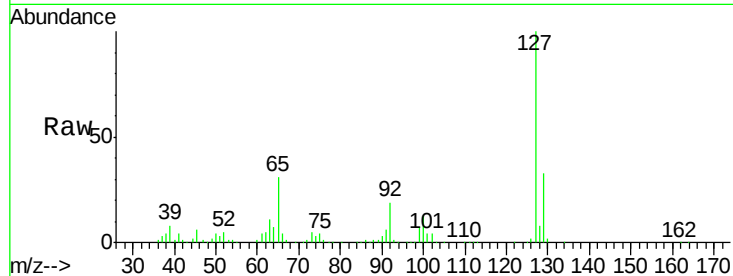




#33
4-Chloroaniline
Concen: 23.75 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

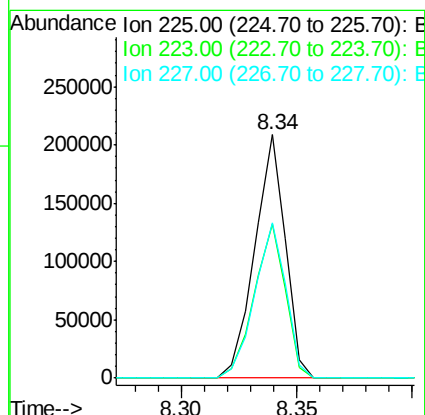
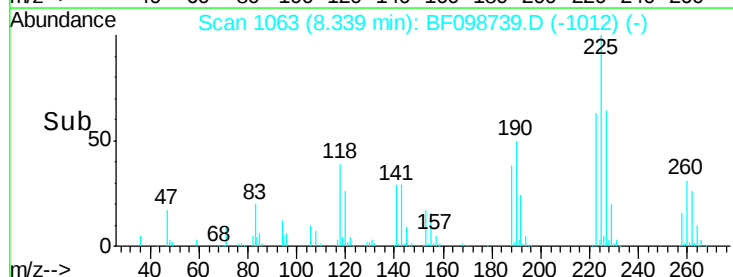
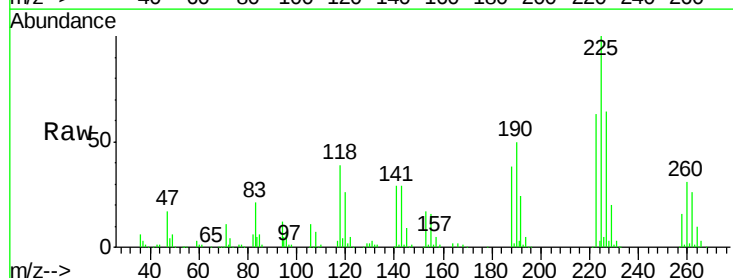
Instrument :
BNA_F
ClientSampled :

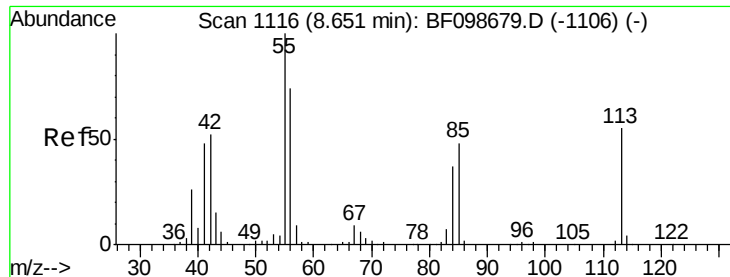
Tot Ion:	127	Resp:	293302
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.8	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.21 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:	225	Resp:	193275
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.0	51.9	77.9





#35

Caprolactam

Concen: 23.83 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

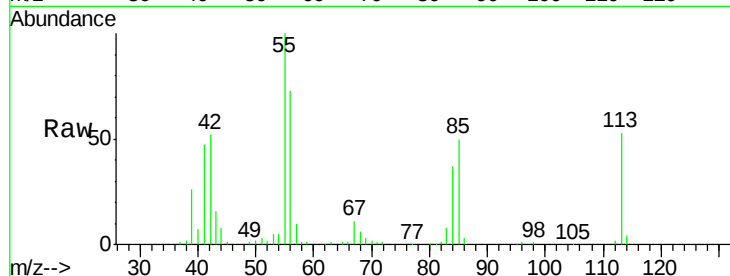
Tot Ion:113 Resp: 66365

Ion Ratio Lower Upper

113 100

55 187.5 163.3 203.3

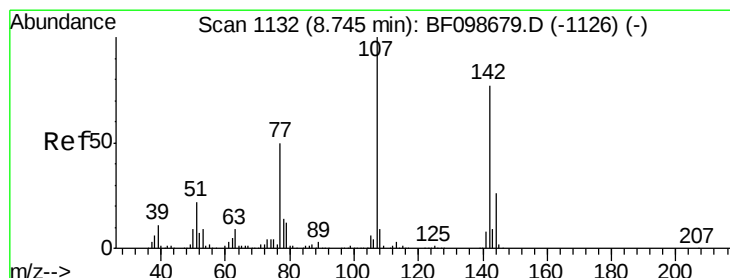
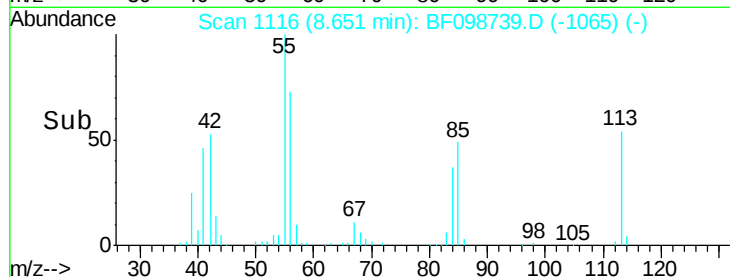
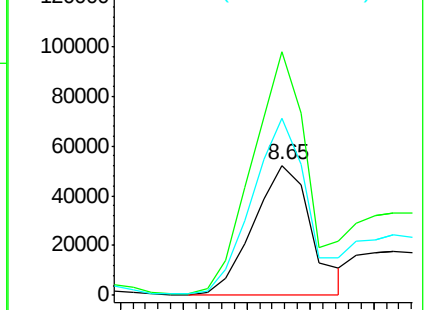
56 136.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.38 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

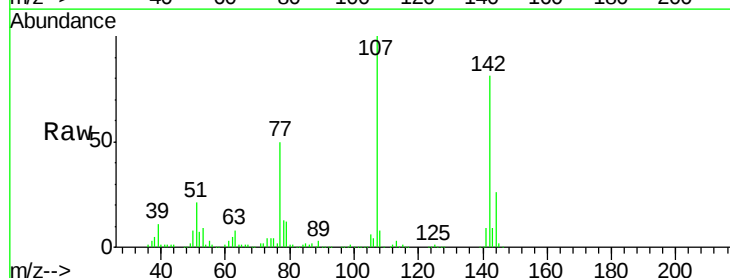
Tgt Ion:107 Resp: 442824

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

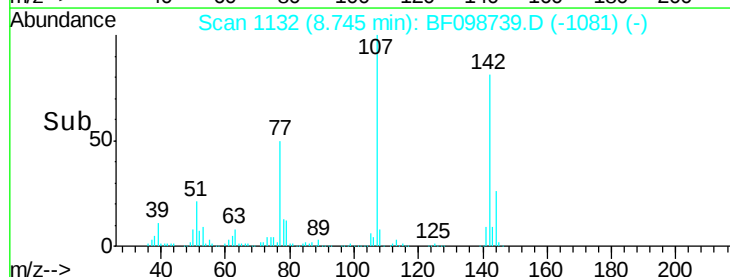
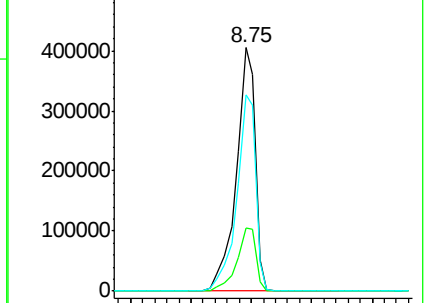
142 80.7 62.0 93.0

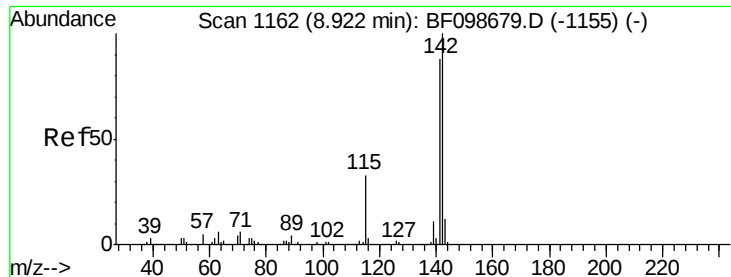


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

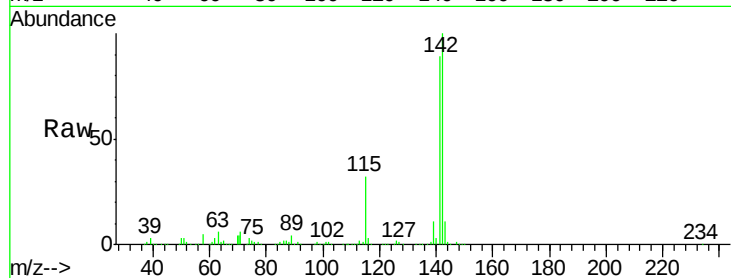




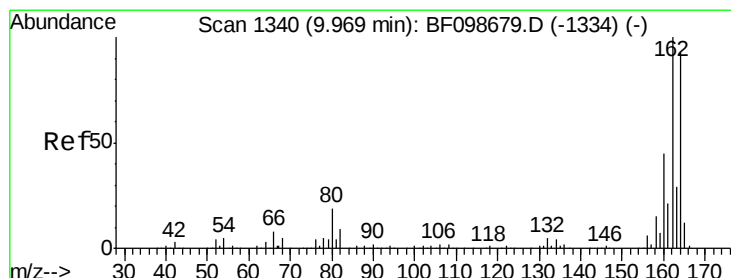
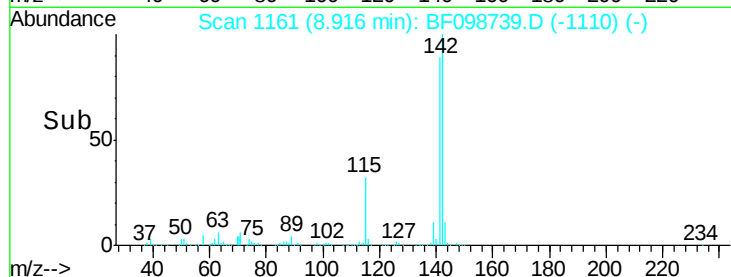
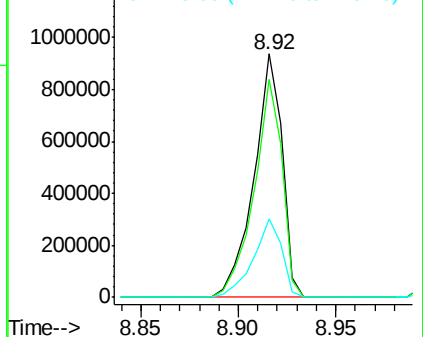
#37
2-Methylnaphthalene
Concen: 48.88 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 939590
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 32.4 26.1 39.1

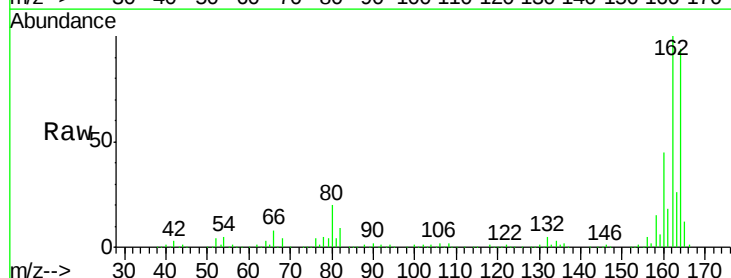


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

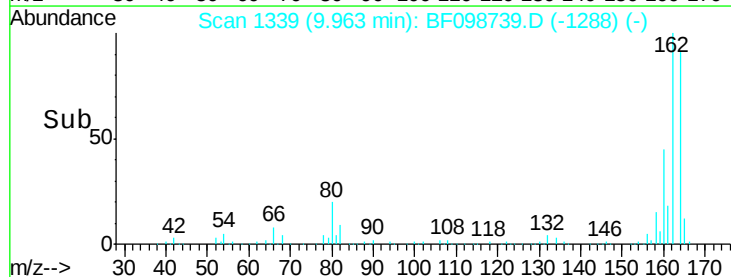
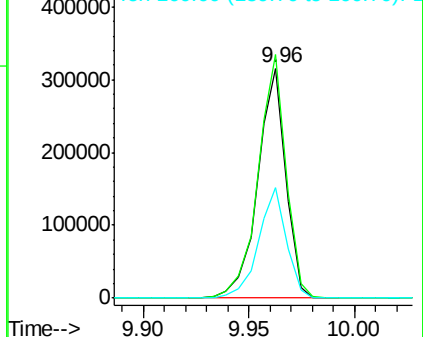


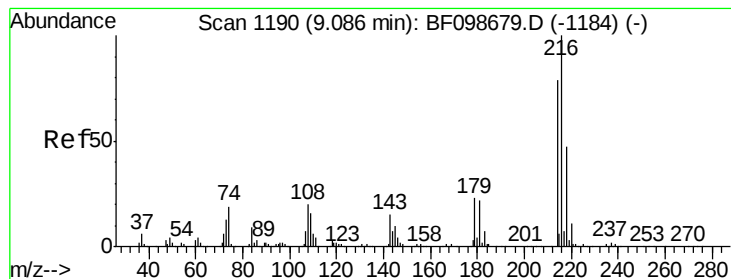
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:164 Resp: 291631
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 47.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.25 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 350061

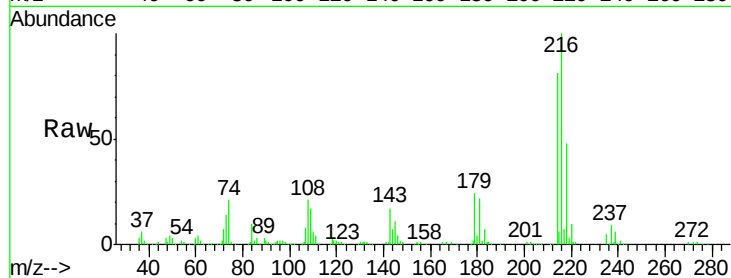
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.7 18.1 27.1

108 24.0 17.2 25.8

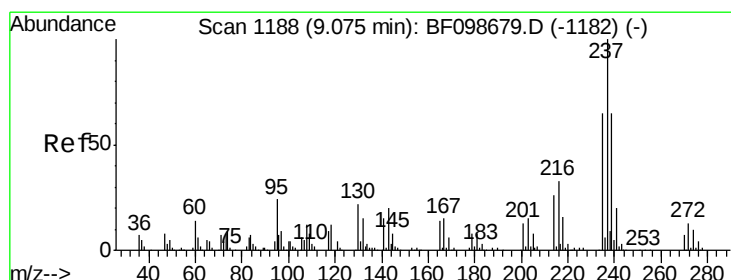
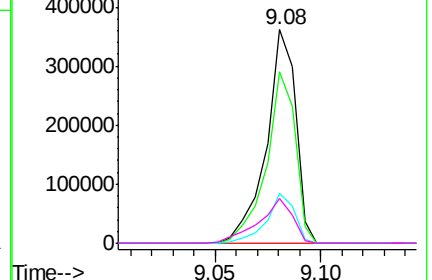
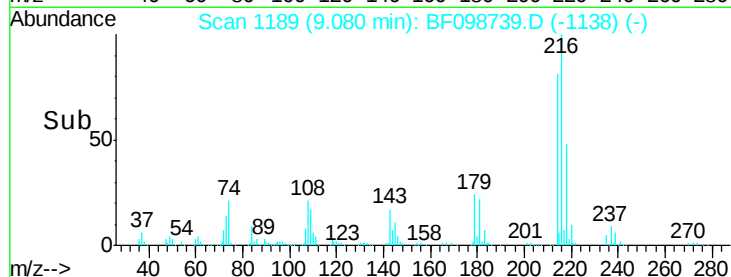


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.73 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

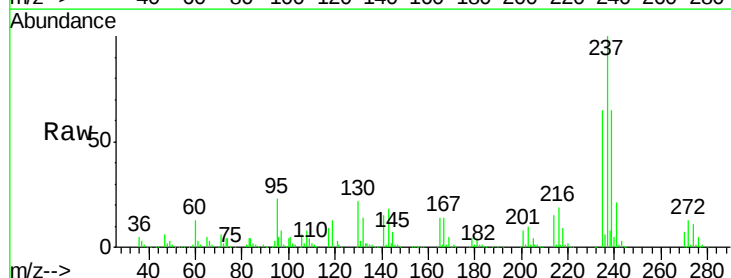
Tgt Ion:237 Resp: 420242

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

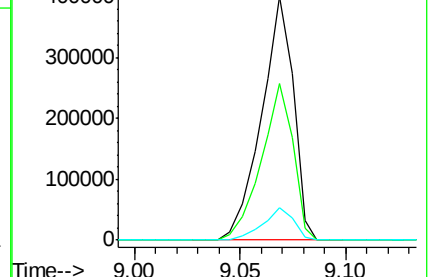
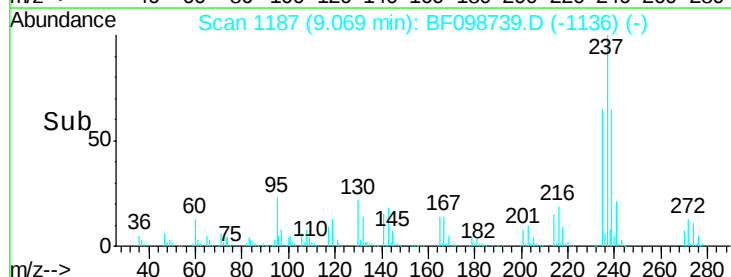
272 13.3 0.0 33.3

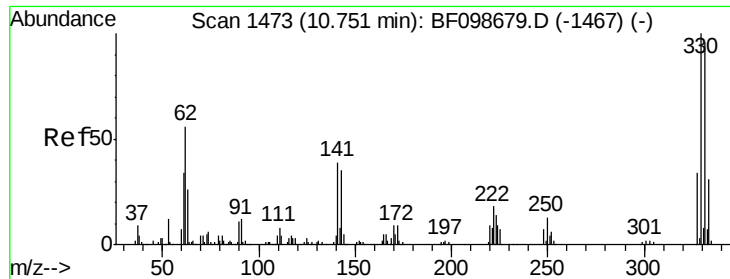


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

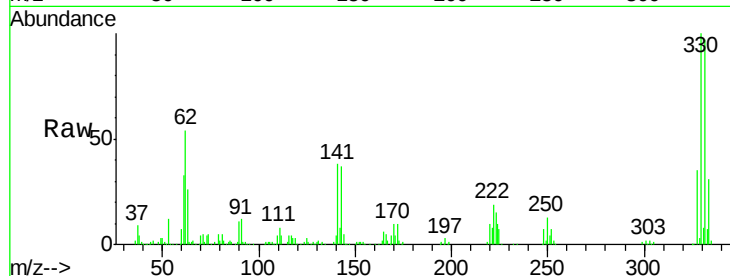




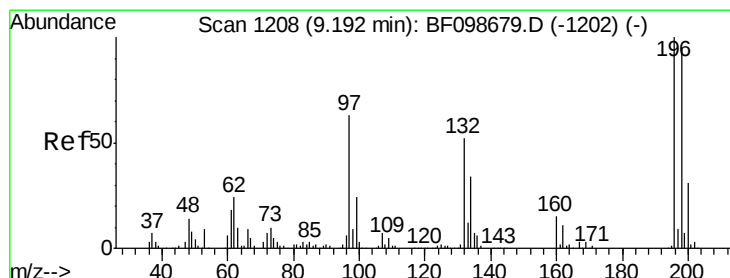
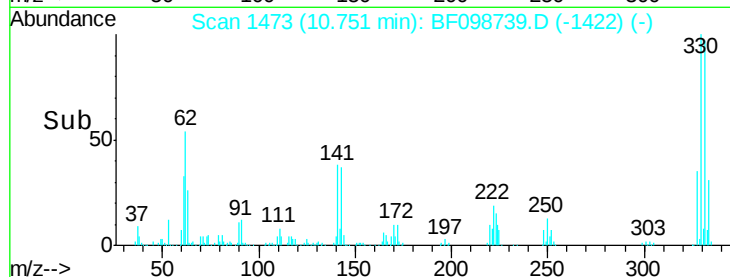
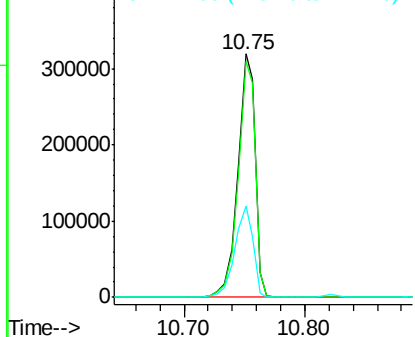
#41
 2,4,6-Tribromophenol
 Concen: 133.77 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.8	29.9	44.9

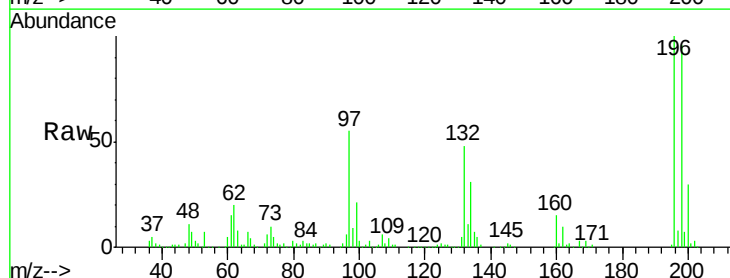


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

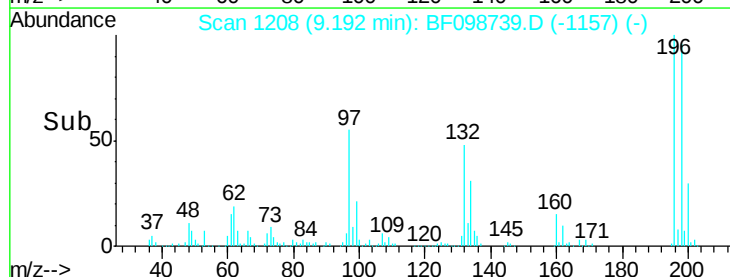
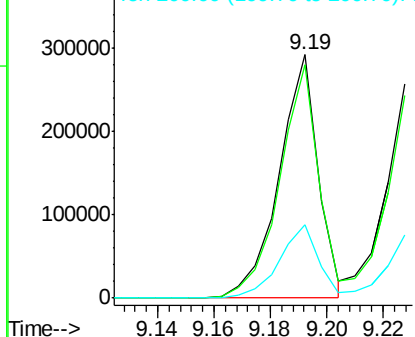


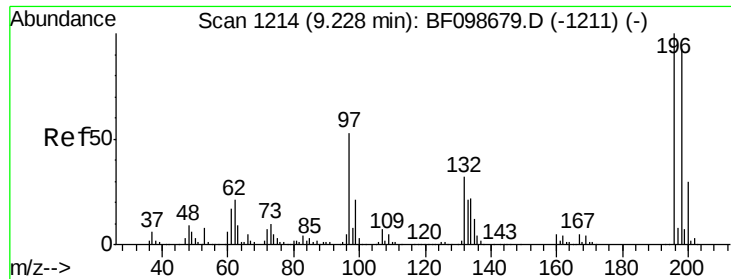
#42
 2,4,6-Trichlorophenol
 Concen: 45.37 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.4	24.5	36.7



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

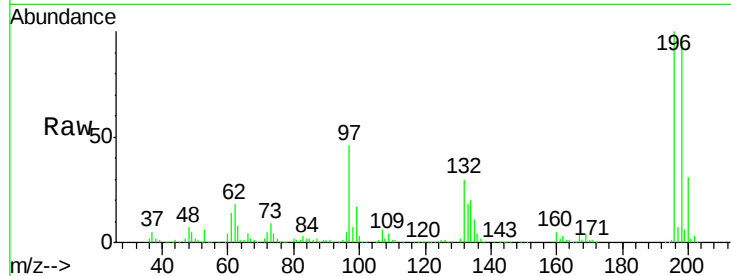




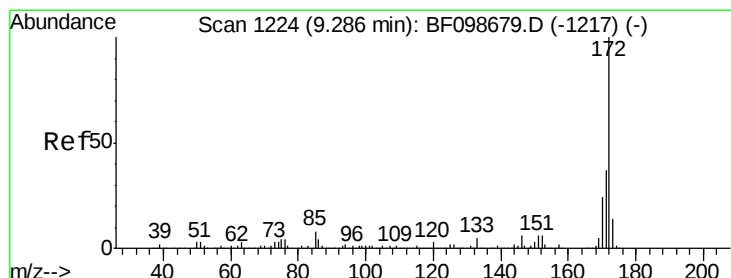
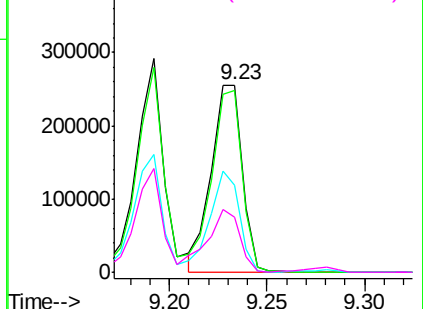
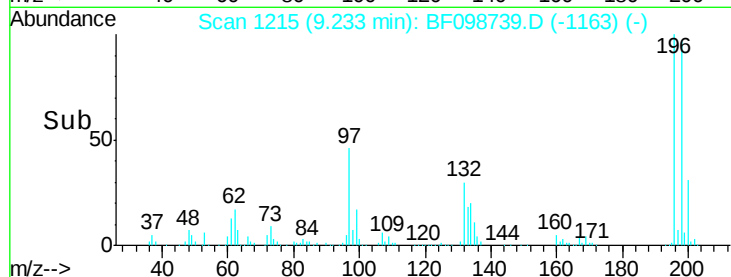
#43
 2,4,5-Trichlorophenol
 Concen: 46.07 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	283333
Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	46.1	42.9	64.3
132	29.6	26.3	39.5

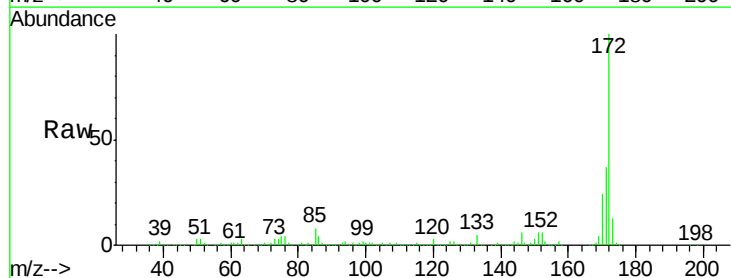


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

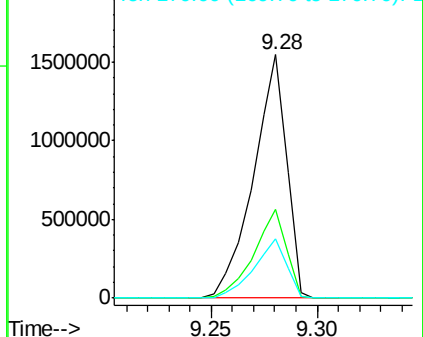
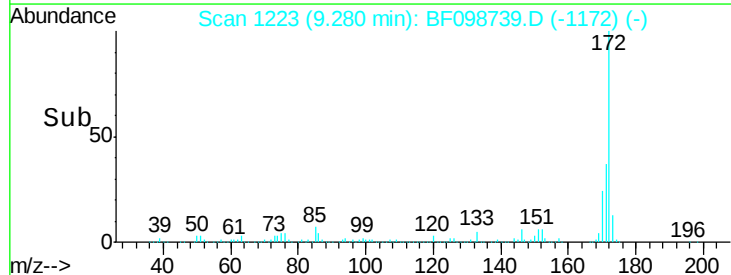


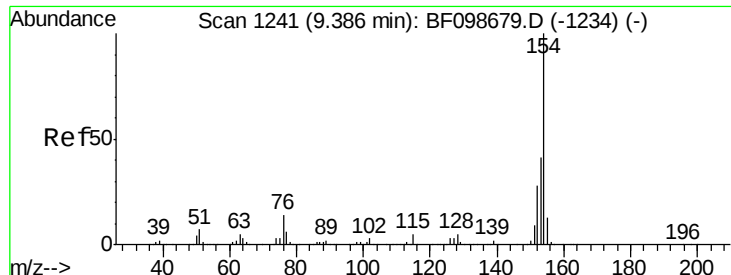
#44
 2-Fluorobiphenyl
 Concen: 96.46 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion:	172	Resp:	1685061
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4



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

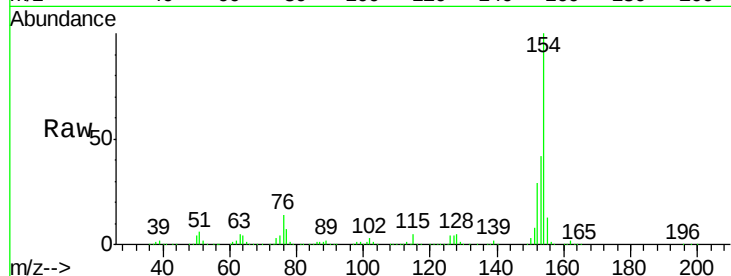




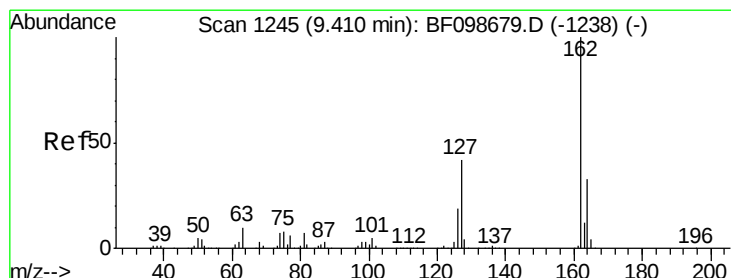
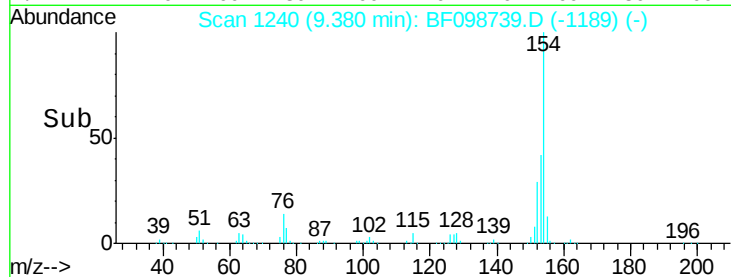
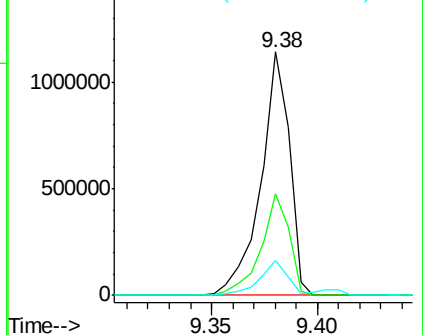
#45
 1,1'-Biphenyl
 Concen: 42.95 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1076621
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 14.1 0.0 34.0

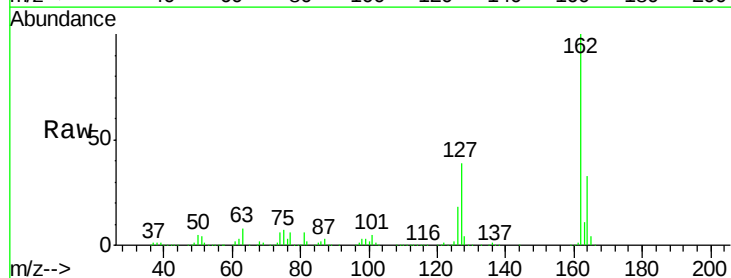


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

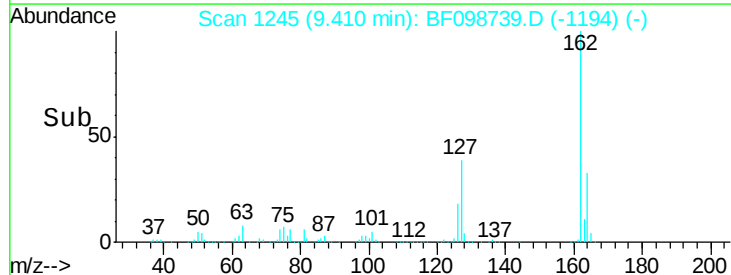
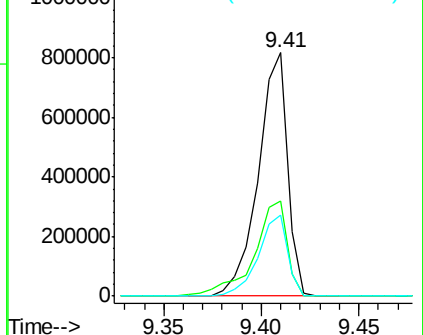


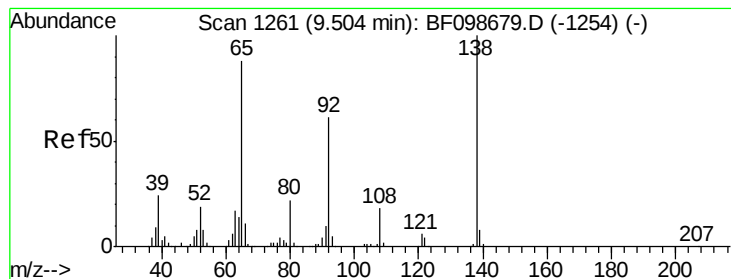
#46
 2-Chloronaphthalene
 Concen: 44.98 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion:162 Resp: 846456
 Ion Ratio Lower Upper
 162 100
 127 39.1 33.9 50.9
 164 33.2 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: 48.01 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

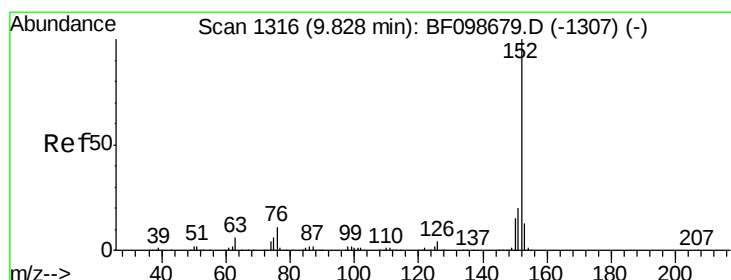
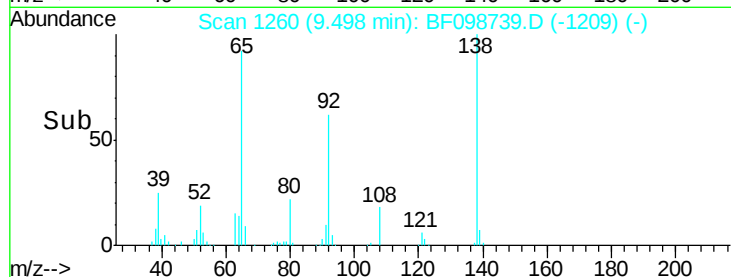
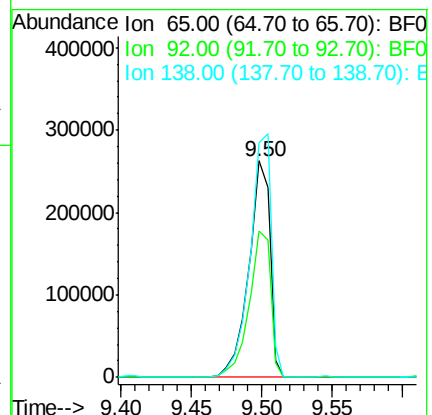
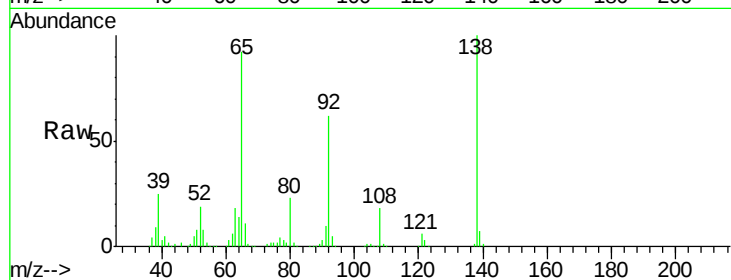
Tot Ion: 65 Resp: 276667

Ion Ratio Lower Upper

65 100

92 67.9 55.8 83.6

138 108.8 91.2 136.8



#48

Acenaphthylene

Concen: 44.83 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

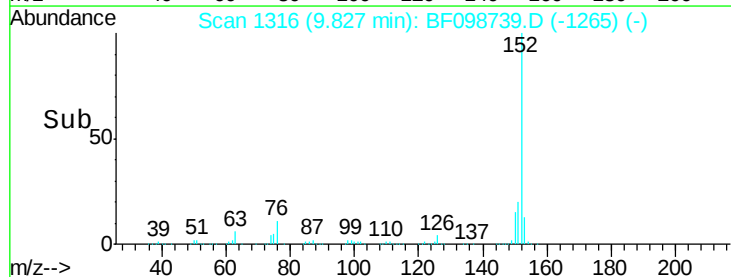
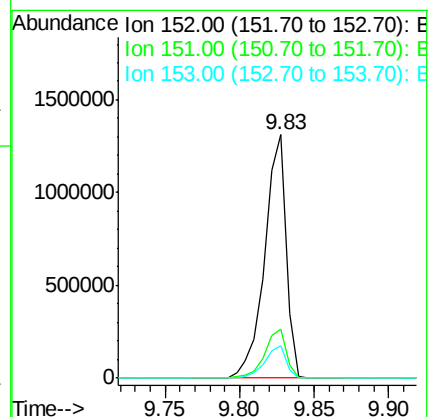
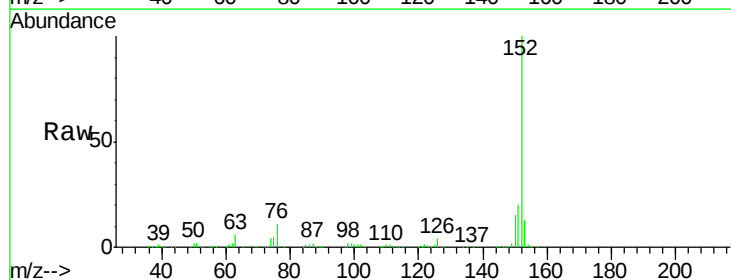
Tgt Ion: 152 Resp: 1291570

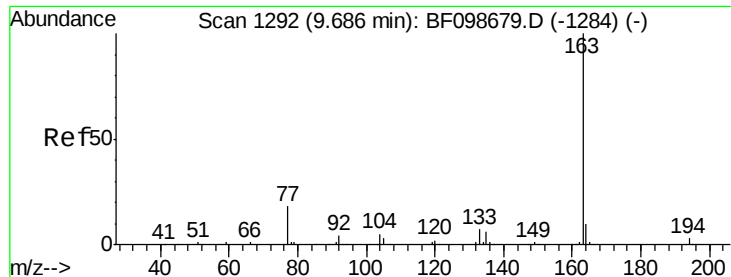
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.1 10.7 16.1

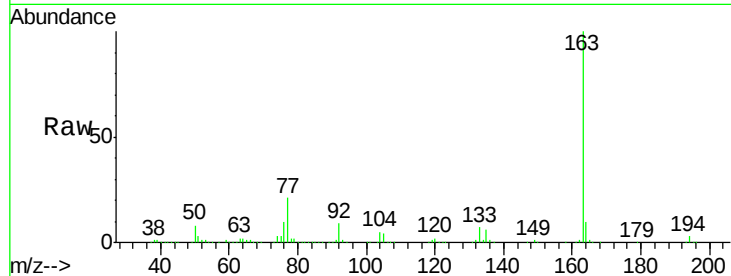




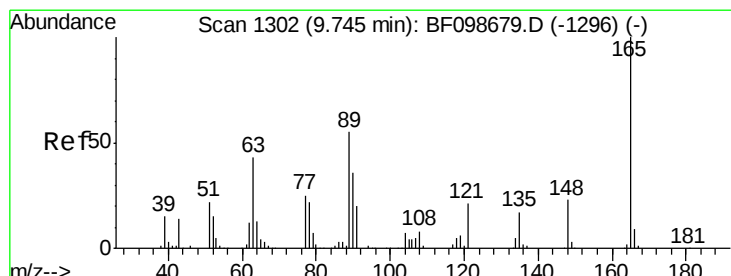
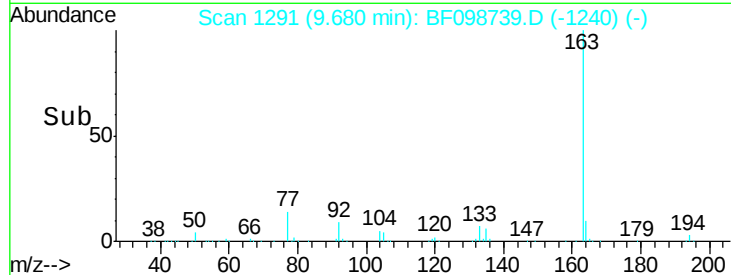
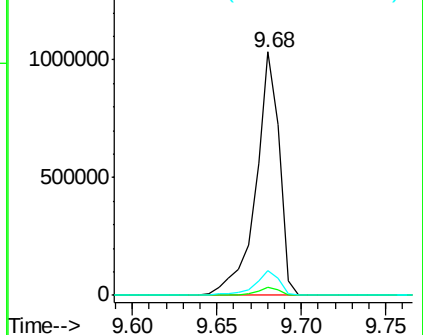
#49
Dimethylphthalate
Concen: 45.20 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 994791
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

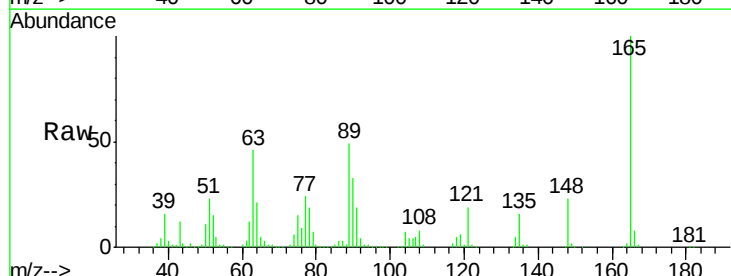


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

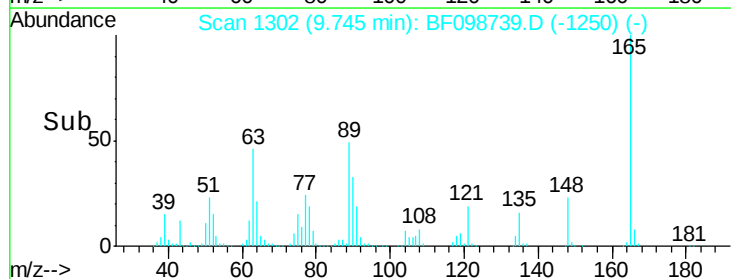
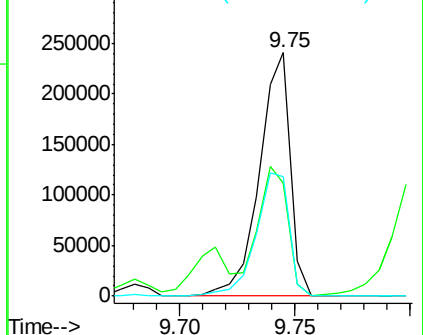


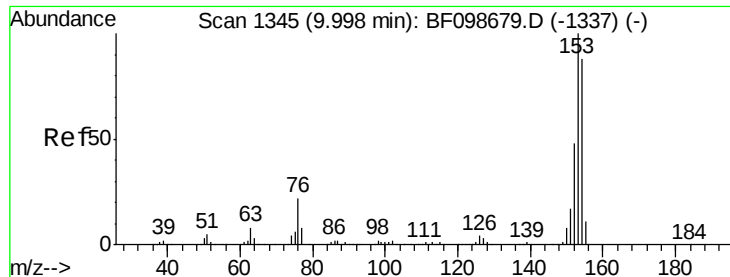
#50
2,6-Dinitrotoluene
Concen: 46.88 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:165 Resp: 224663
Ion Ratio Lower Upper
165 100
63 46.4 44.7 67.1
89 49.0 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: 43.59 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

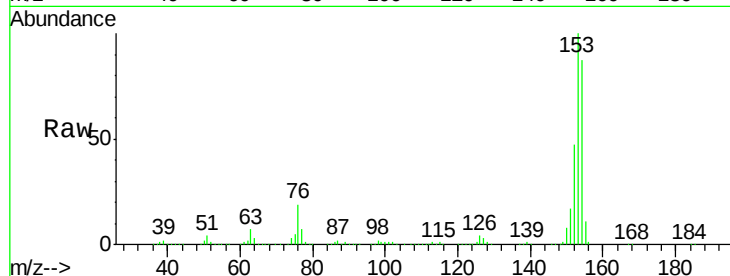
Tot Ion:154 Resp: 795433

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

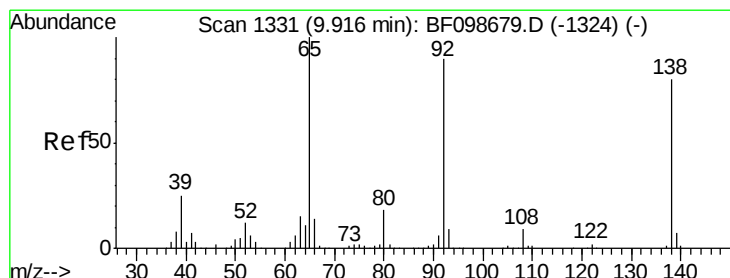
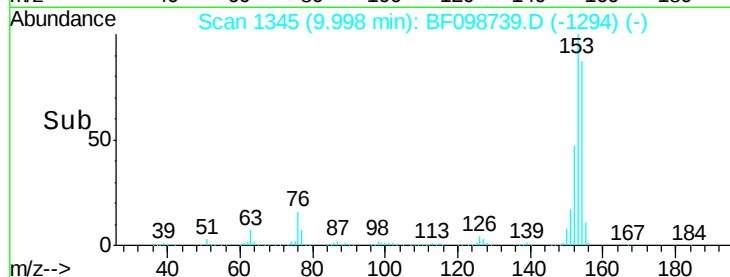
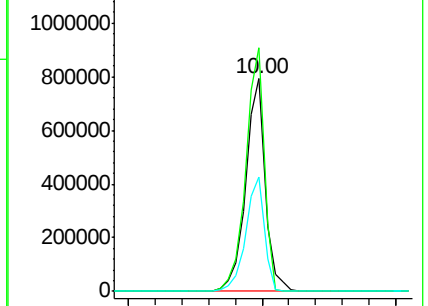
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.16 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

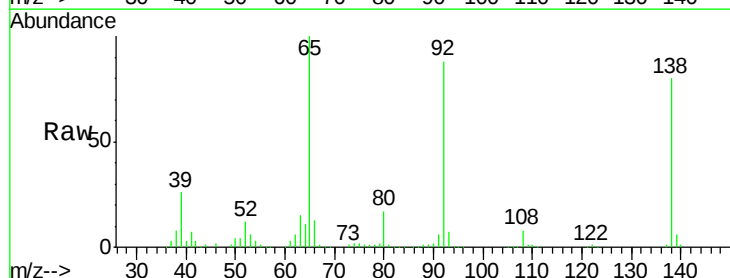
Tgt Ion:138 Resp: 185294

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

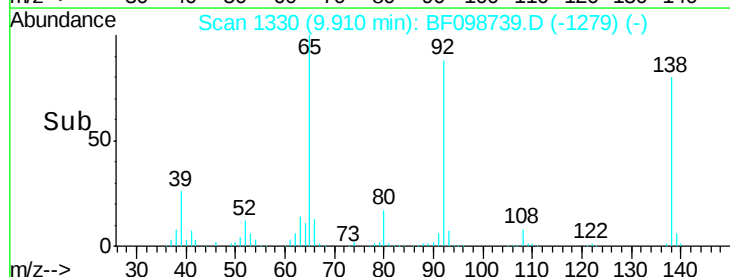
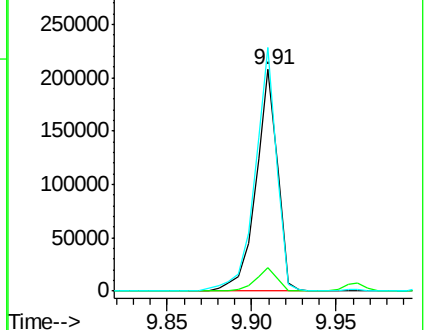
92 109.9 89.4 134.2

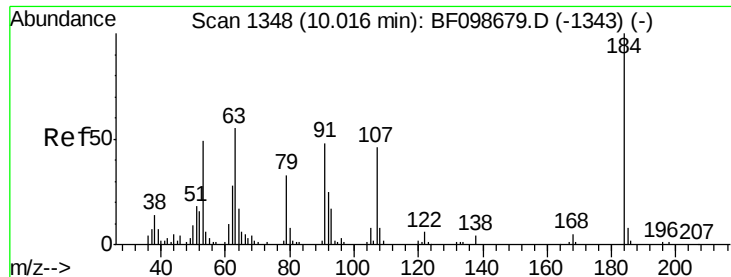


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

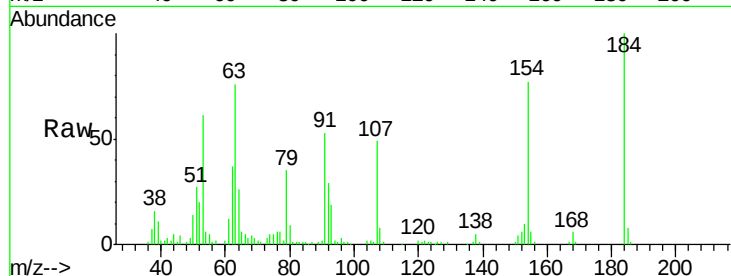




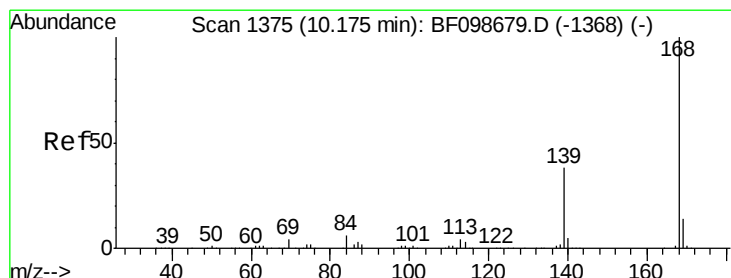
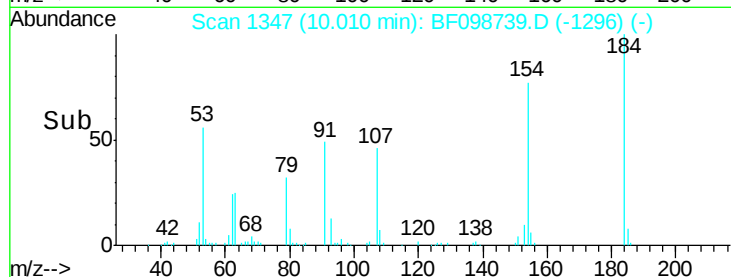
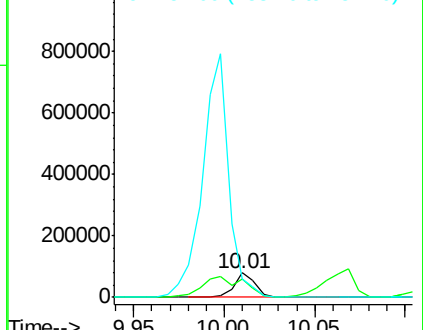
#53
 2,4-Dinitrophenol
 Concen: 29.06 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 62505
 Ion Ratio Lower Upper
 184 100
 63 75.5 54.2 81.2
 154 77.4 53.5 80.3

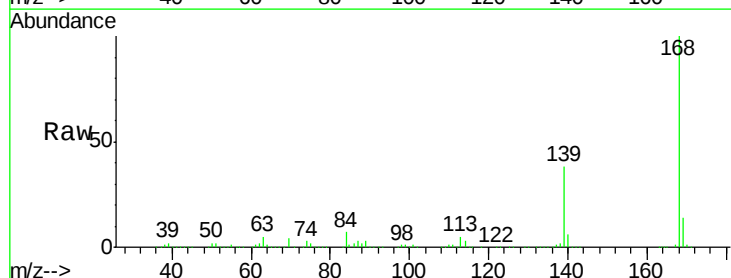


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

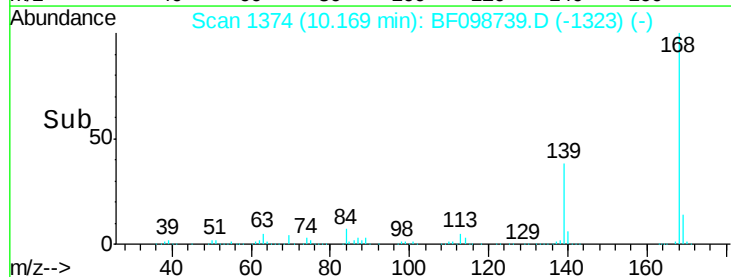
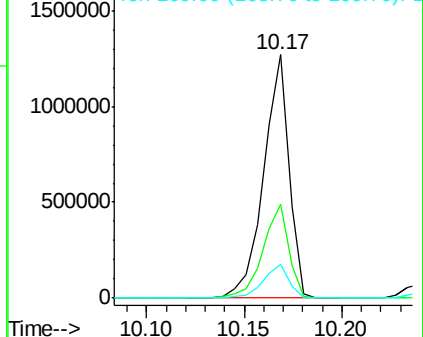


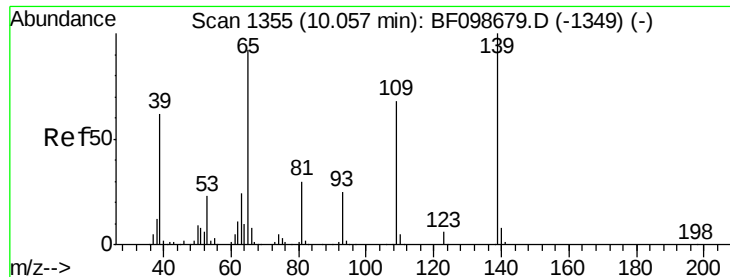
#54
 Dibenzofuran
 Concen: 47.12 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion:168 Resp: 1144841
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 85.14 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

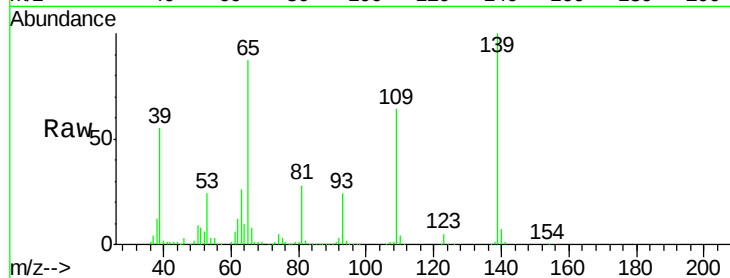
Tot Ion:139 Resp: 402251

Ion Ratio Lower Upper

139 100

109 64.3 48.4 88.4

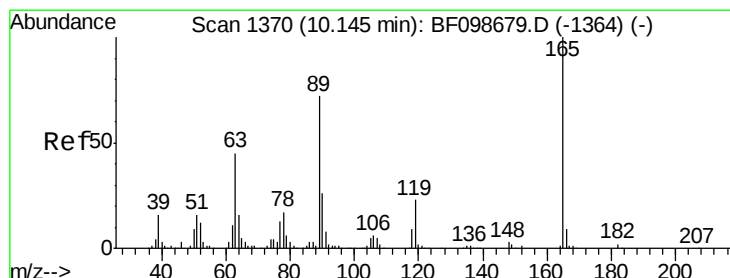
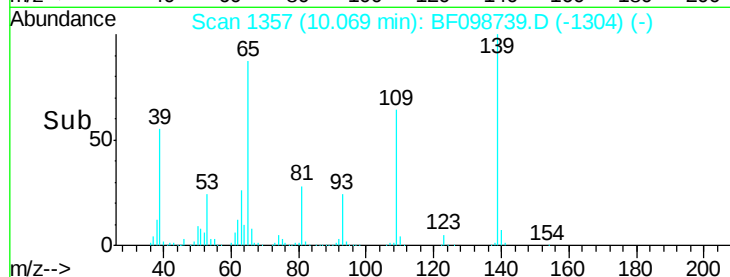
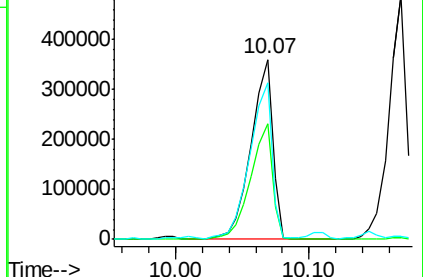
65 87.2 72.6 112.6



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: 47.89 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:165 Resp: 297839

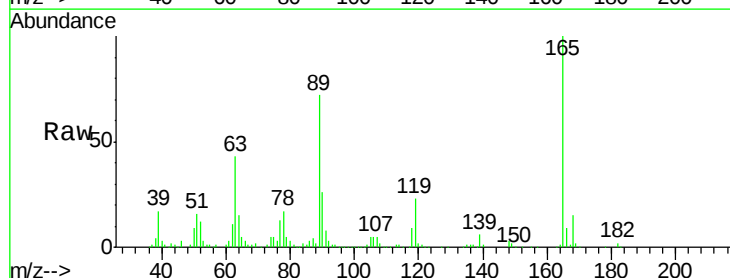
Ion Ratio Lower Upper

165 100

63 43.3 36.4 54.6

89 71.6 57.8 86.6

182 2.1 1.6 2.4

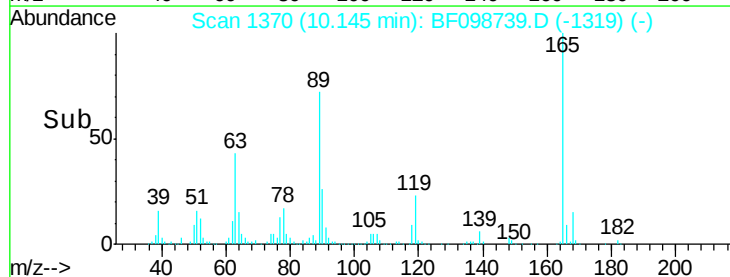
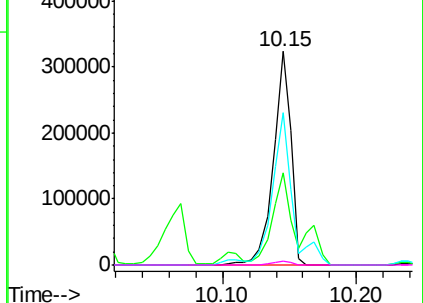


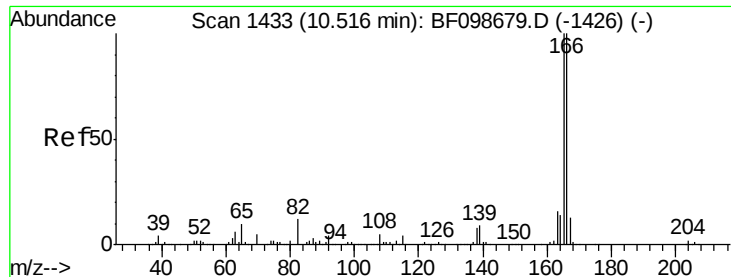
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.45 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

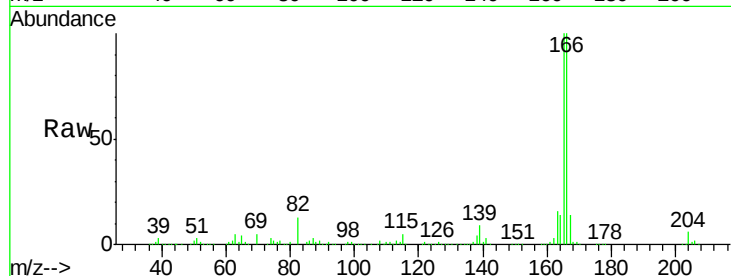
Tot Ion:166 Resp: 868125

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

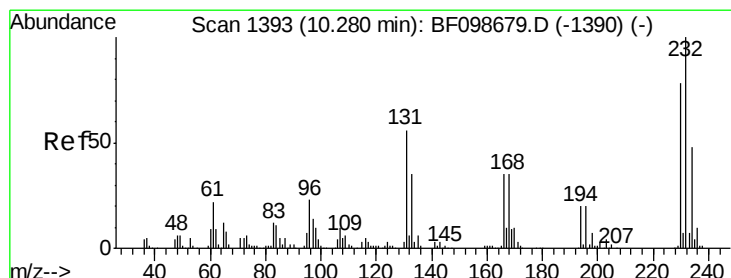
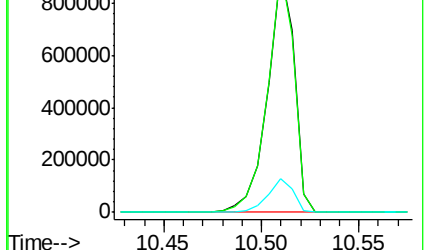
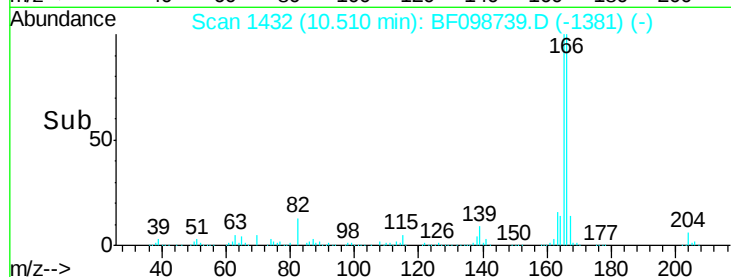
167 13.7 10.6 16.0



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: 48.08 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:232 Resp: 204304

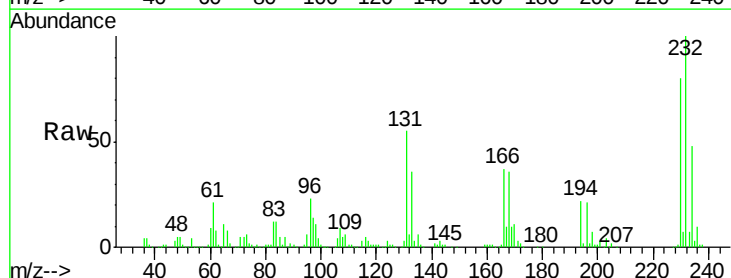
Ion Ratio Lower Upper

232 100

131 55.6 43.8 65.8

130 2.8 2.1 3.1

166 37.5 27.8 41.6

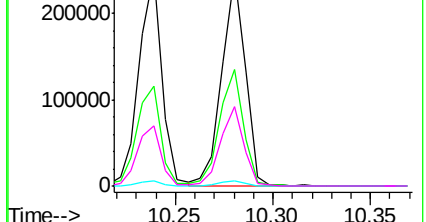
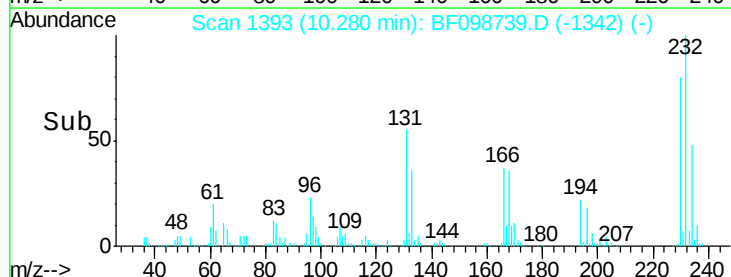


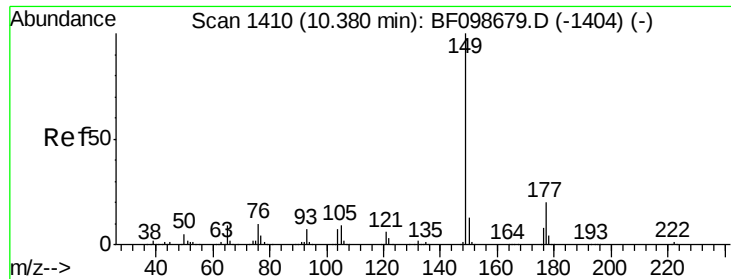
Abundance Ion 232.00 (231.70 to 232.70): E

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

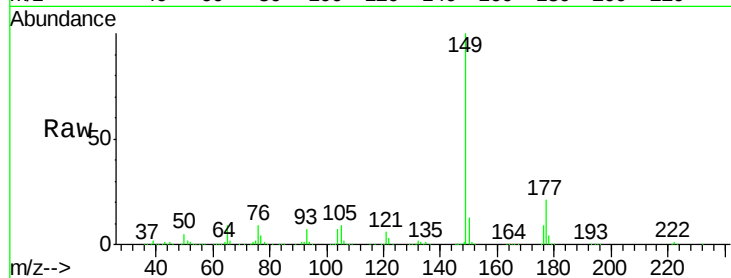




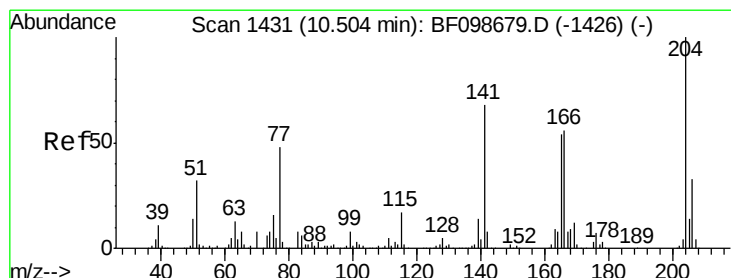
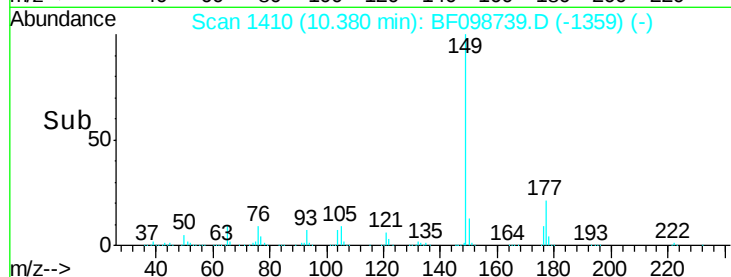
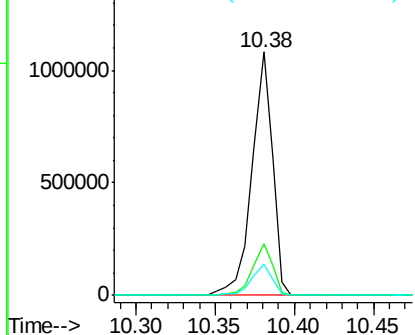
#59
Diethylphthalate
Concen: 45.27 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.8	10.1	15.1

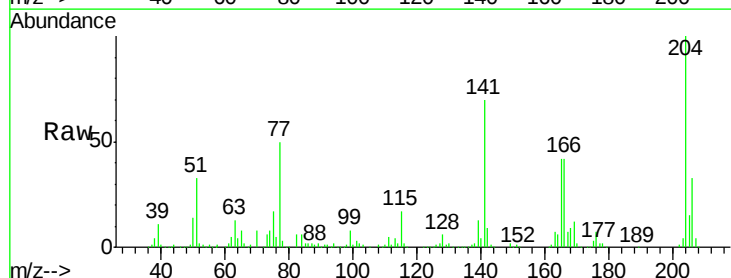


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

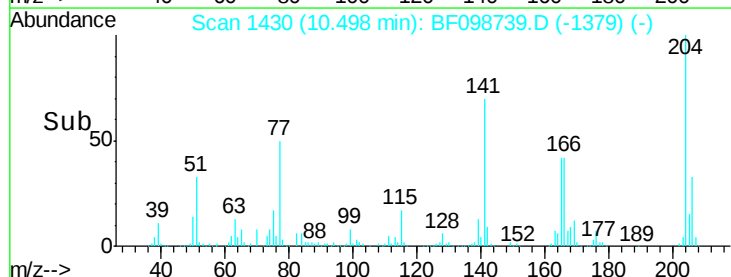
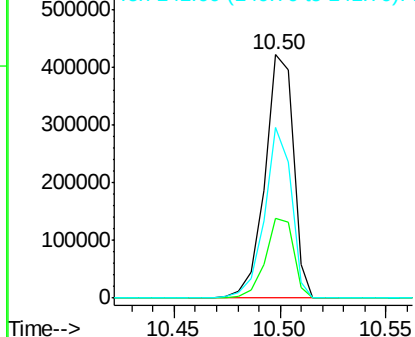


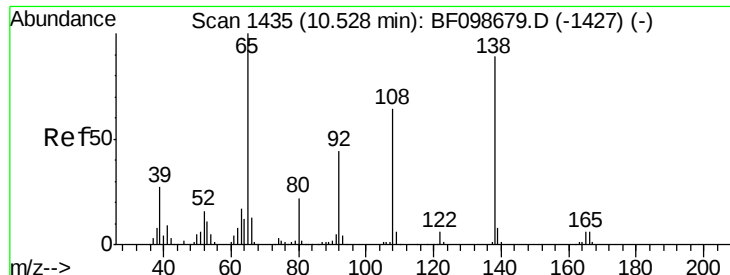
#60
4-Chlorophenyl-phenylether
Concen: 45.09 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	70.3	54.6	81.8



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

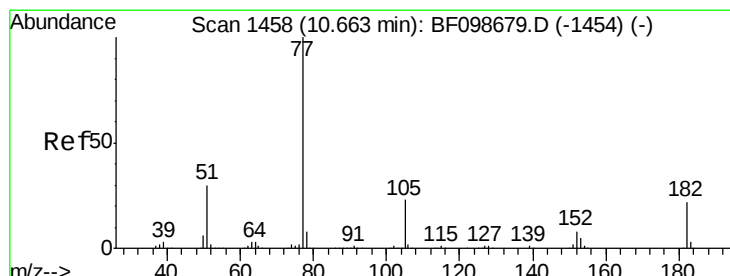
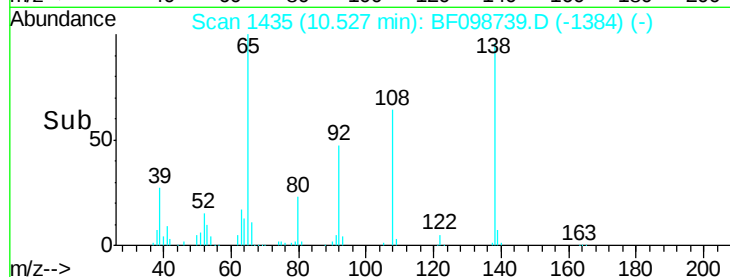
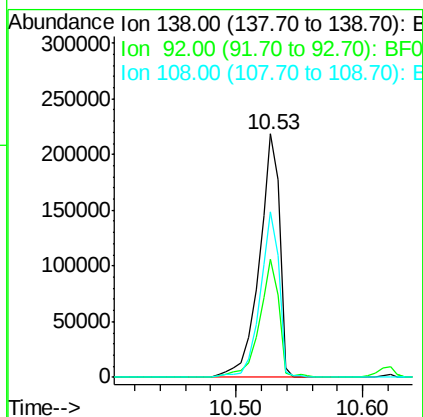
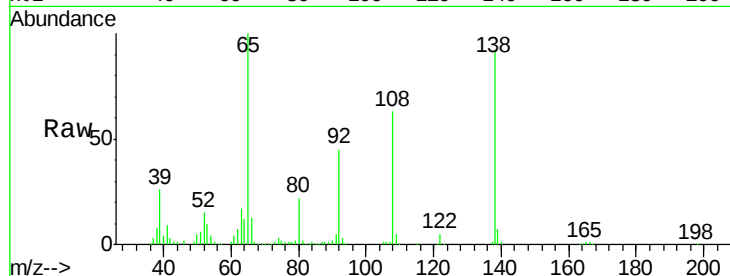




#61
4-Nitroaniline
Concen: 45.79 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

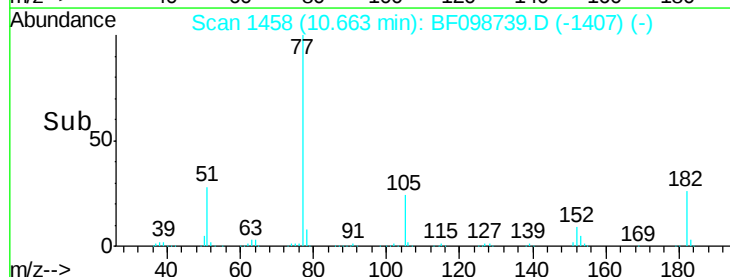
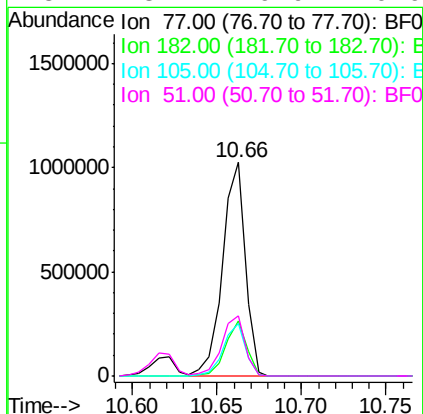
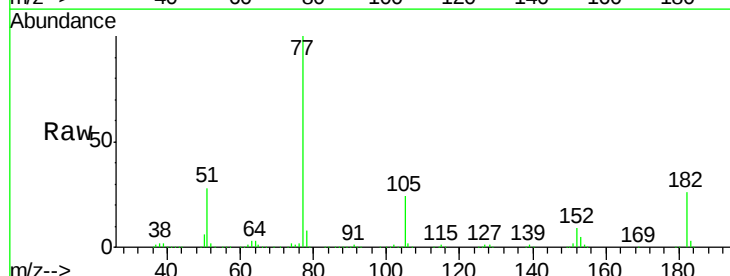
Instrument :
BNA_F
ClientSampleId :

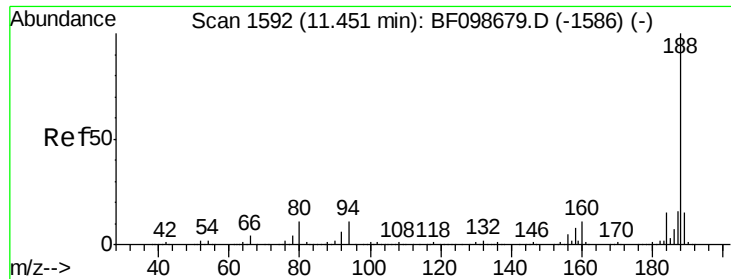
Tot Ion:138 Resp: 246805
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 68.1 52.5 92.5



#62
Azobenzene
Concen: 48.36 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion: 77 Resp: 956427
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.5 3.0 43.0
51 28.4 9.9 49.9

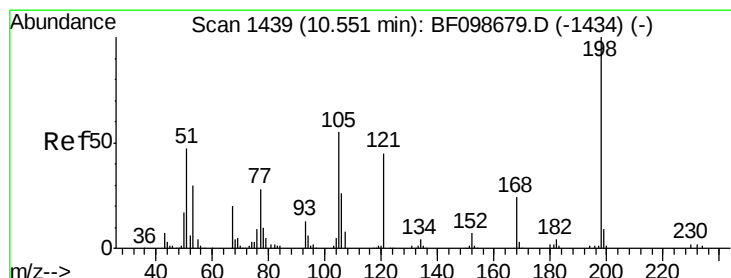
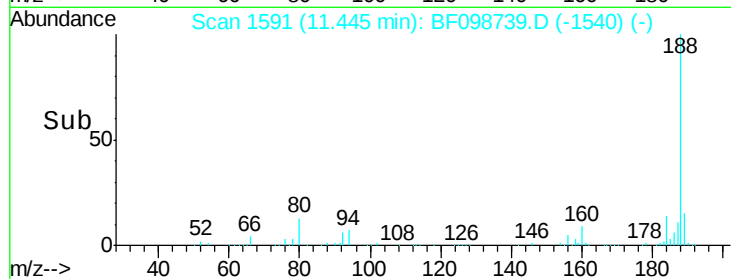
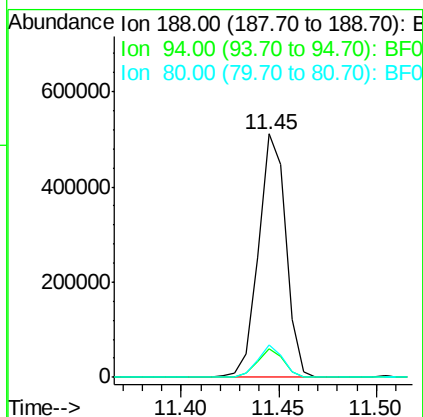
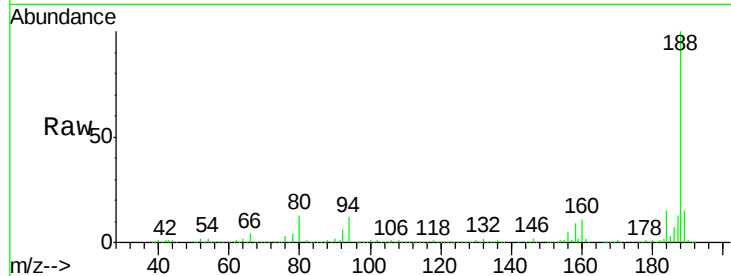




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

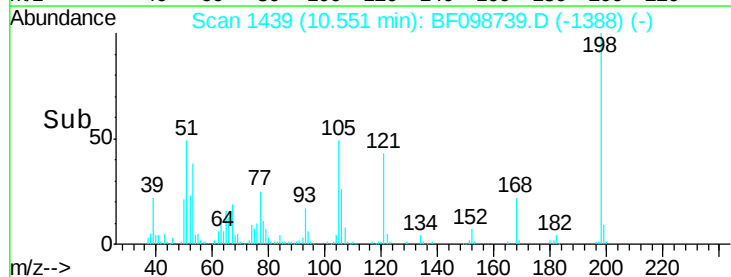
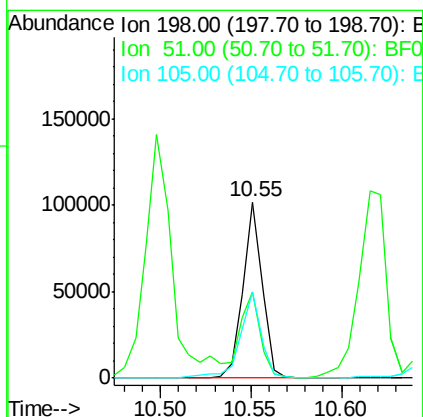
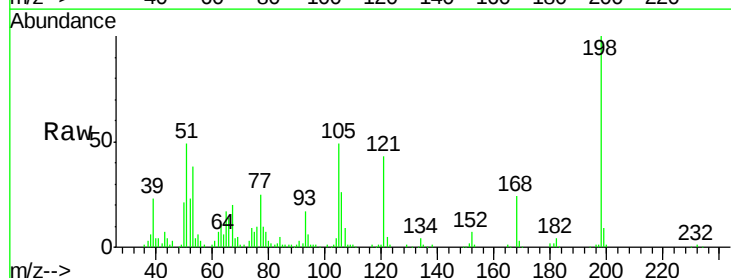
Instrument :
BNA_F
ClientSampleId :

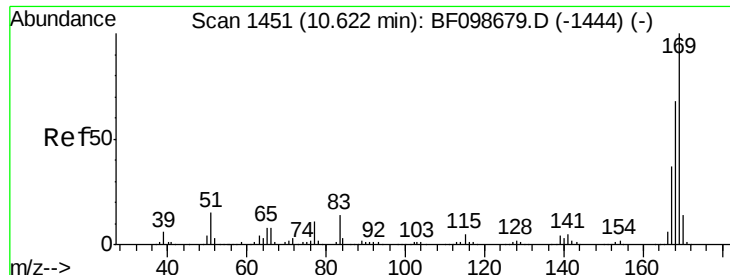
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	13.2	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 25.01 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.3	37.7	77.7
105	48.8	36.3	76.3

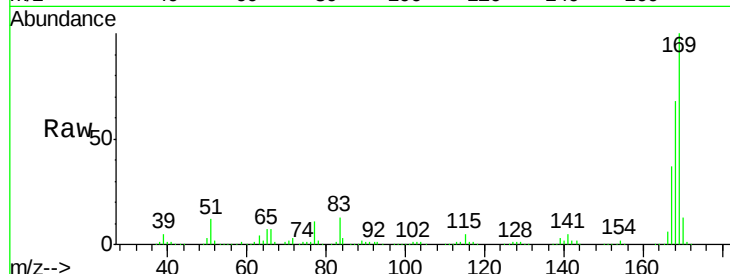




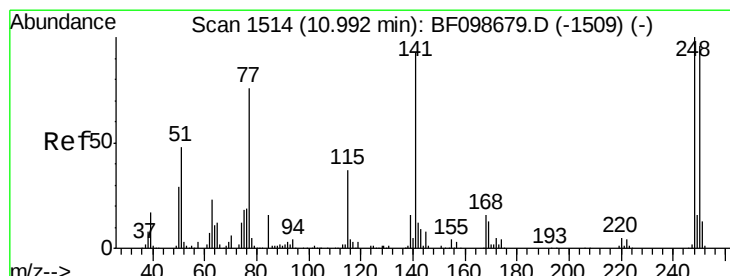
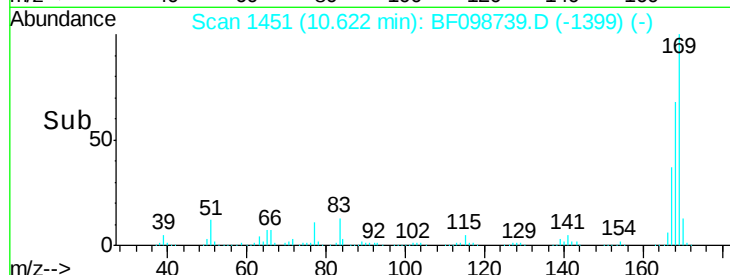
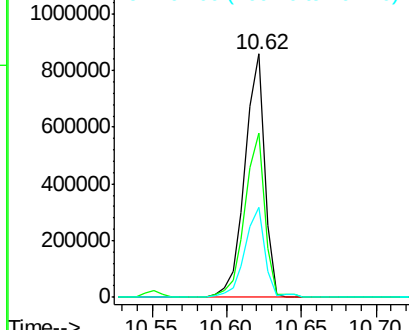
#65
n-Nitrosodiphenylamine
Concen: 45.96 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	169	Resp	791224
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	67.6		
167	37.0		

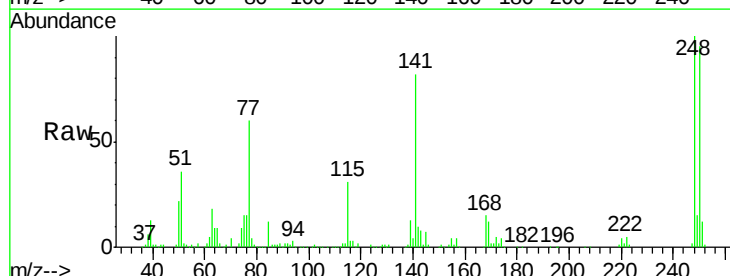


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

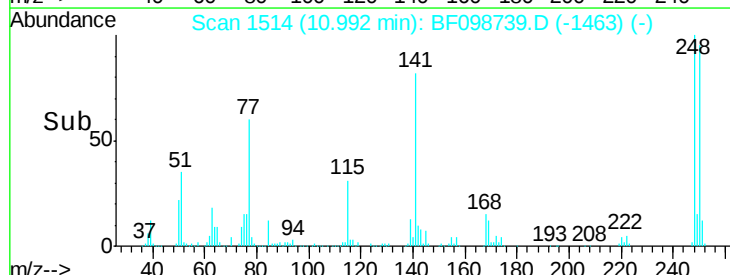
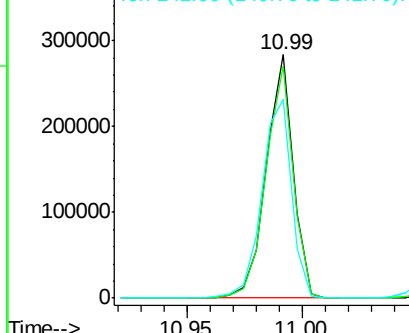


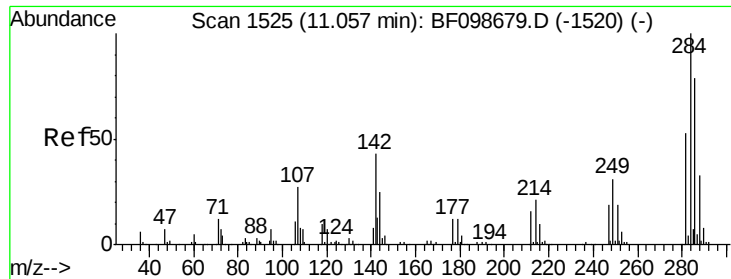
#66
4-Bromophenyl-phenylether
Concen: 47.42 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	248	Resp	230635
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	95.1		
141	81.7		



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

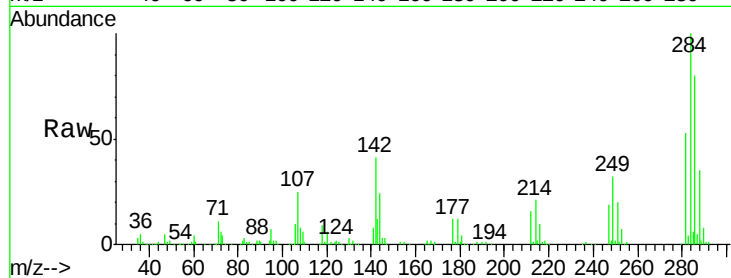




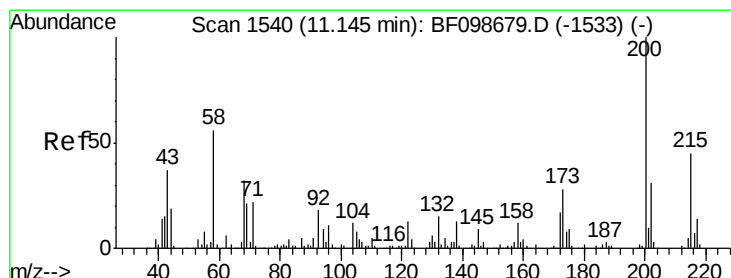
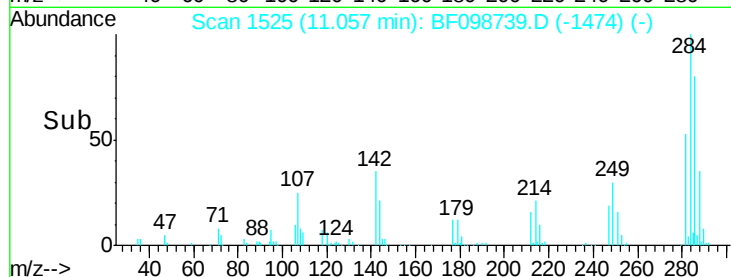
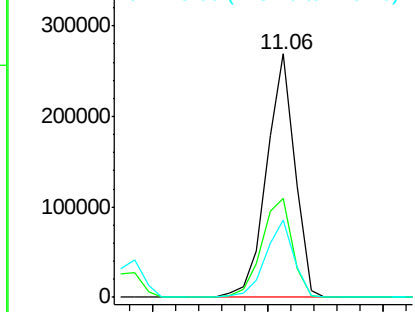
#67
Hexachlorobenzene
Concen: 43.88 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.6	52.0
249	32.0	24.8	37.2

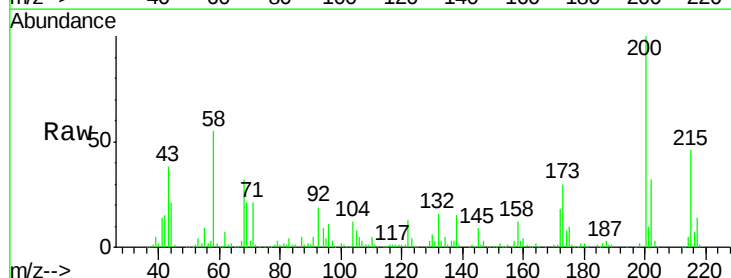


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

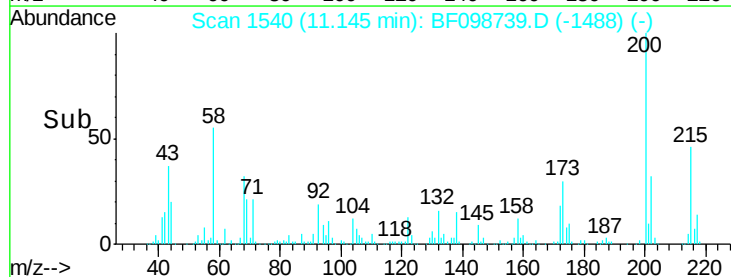
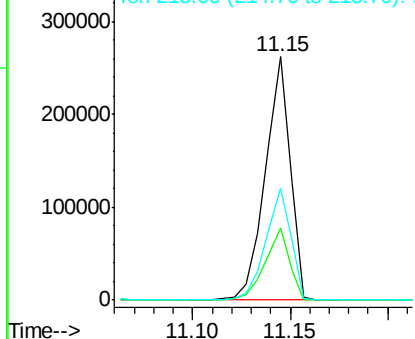


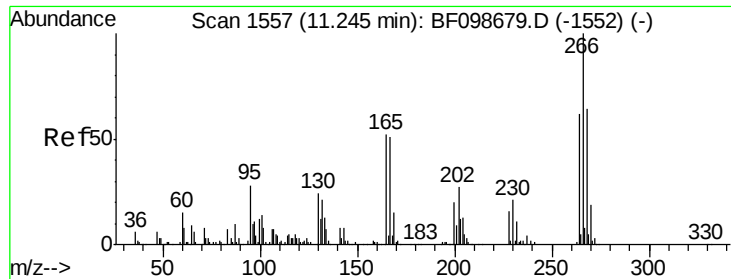
#68
Atrazine
Concen: 44.79 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.9	25.1	65.1



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





#69

Pentachlorophenol

Concen: 65.00 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampled :

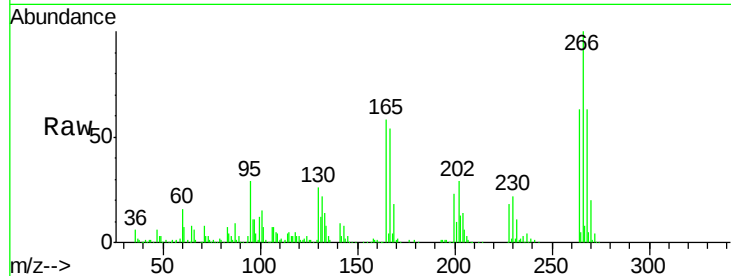
Tot Ion:266 Resp: 210138

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

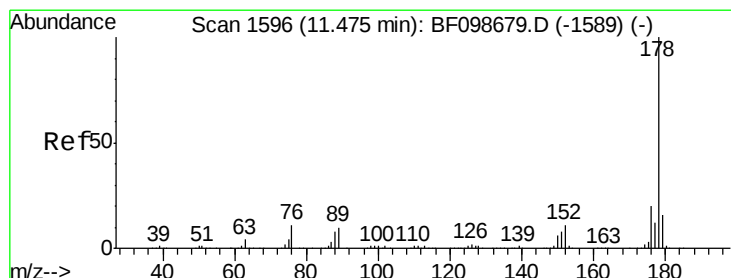
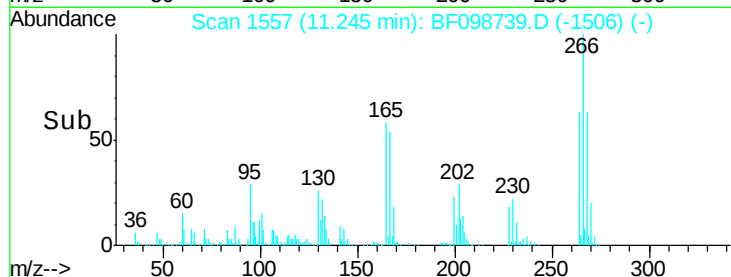
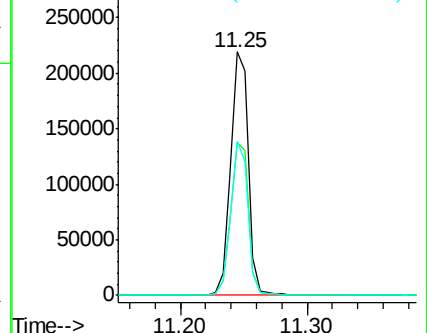
264 63.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.30 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

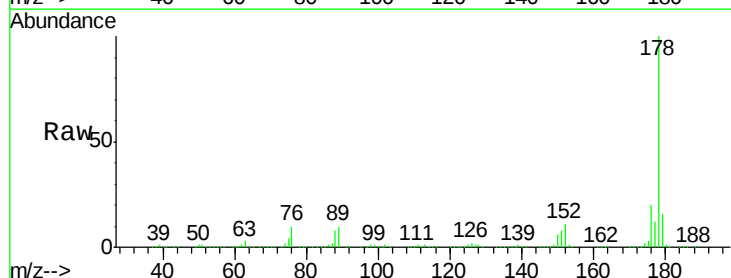
Tgt Ion:178 Resp: 1231522

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

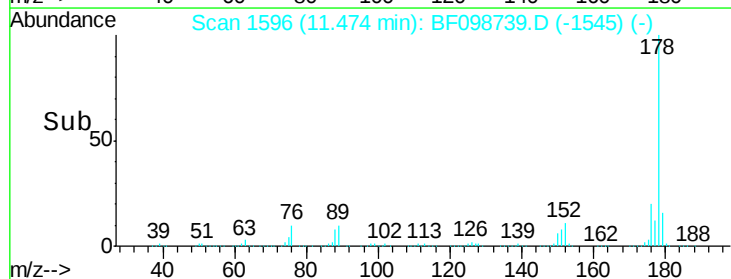
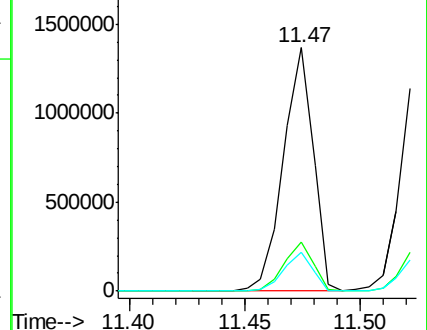
179 15.7 13.0 19.6

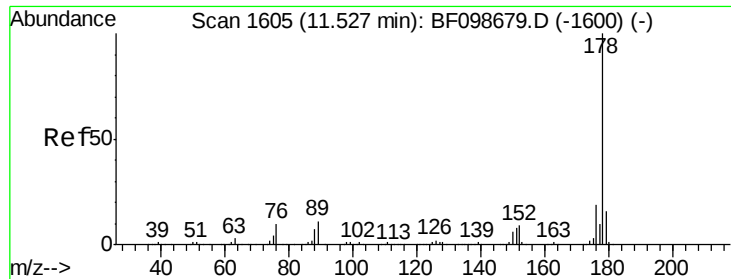


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.44 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

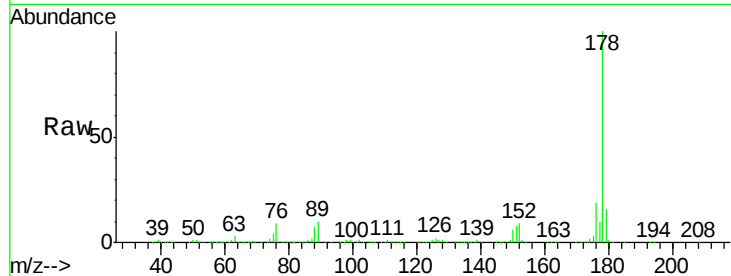
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1263695

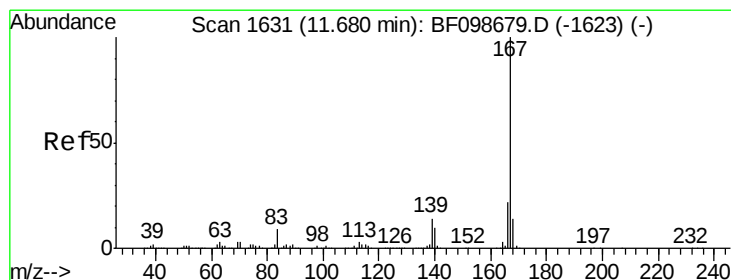
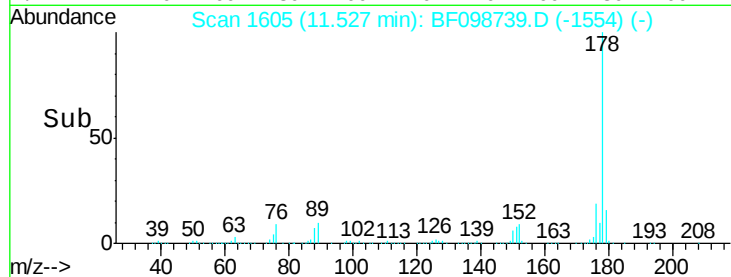
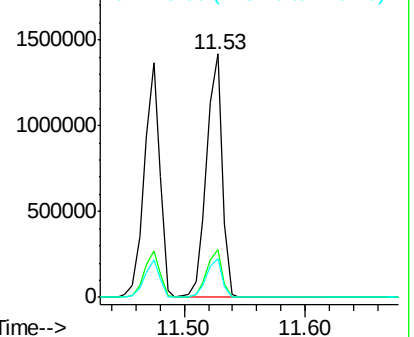
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0



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: 43.37 ng

RT: 11.67 min Scan# 1630

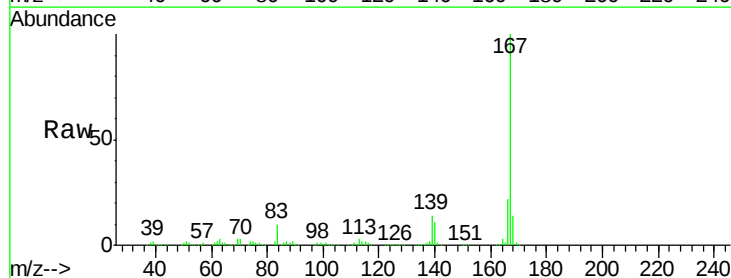
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:167 Resp: 1155721

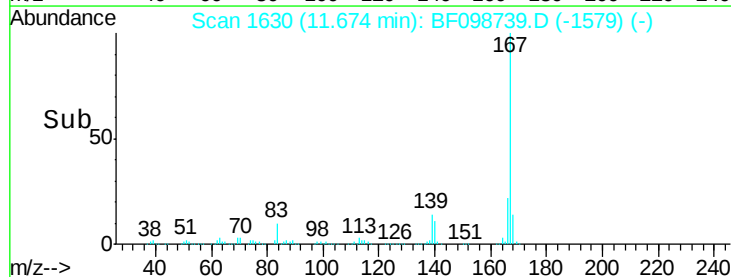
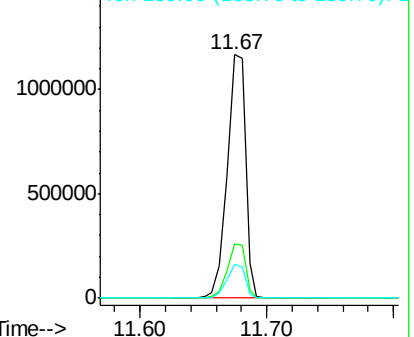
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.0	10.9	16.3

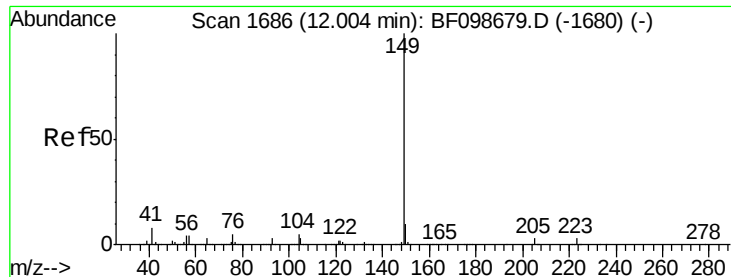


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.22 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampled :

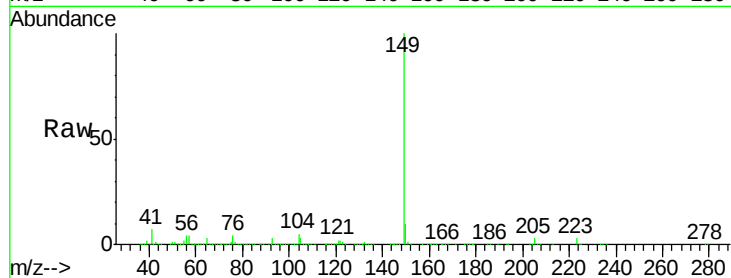
Tot Ion:149 Resp: 1450552

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

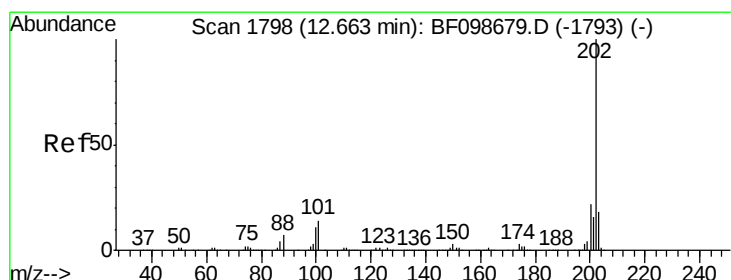
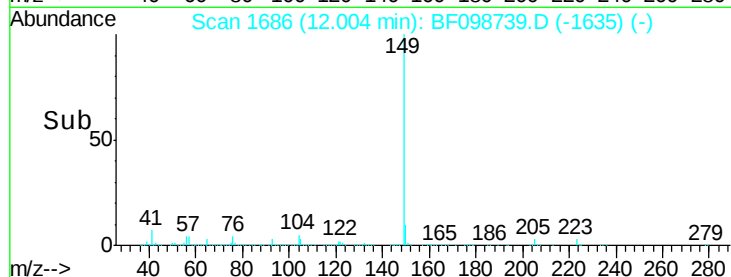
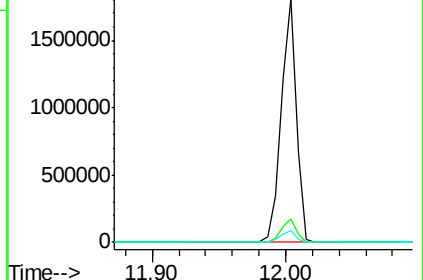
104 4.7 3.8 5.8



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: 44.80 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

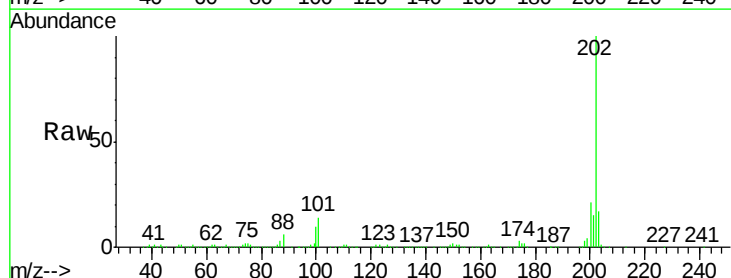
Tgt Ion:202 Resp: 1206516

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

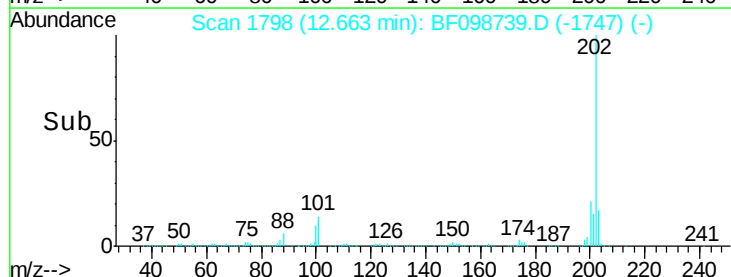
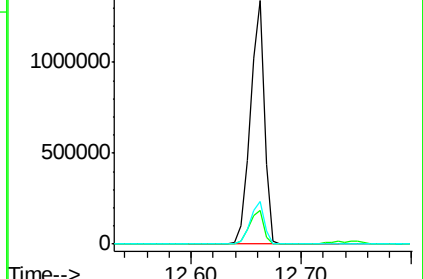
203 17.4 0.0 38.1

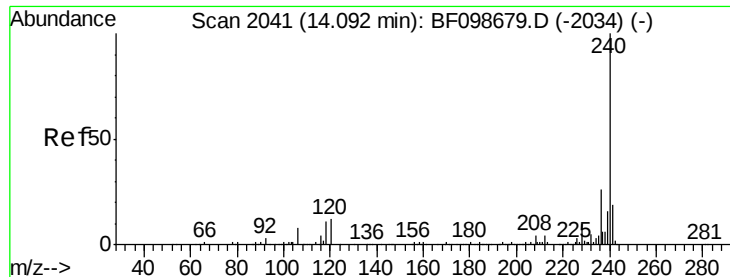


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

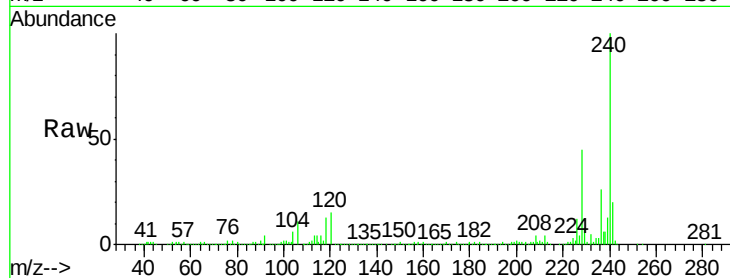
Tot Ion:240 Resp: 315882

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

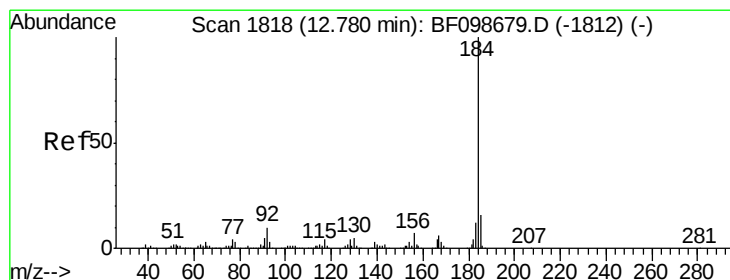
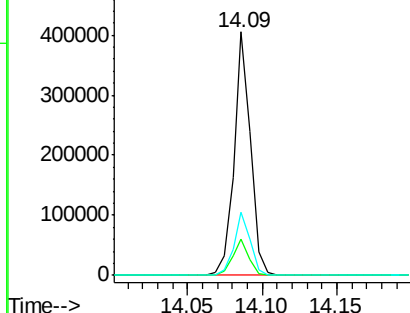
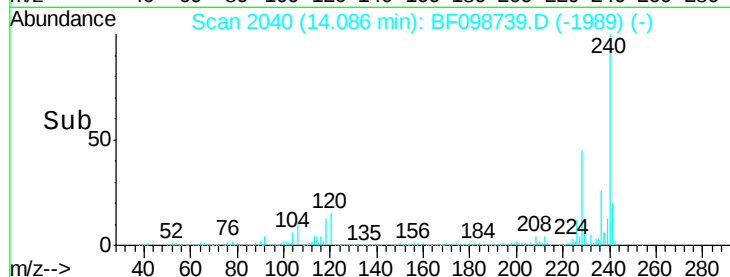
236 26.1 20.7 31.1



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: 36.02 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

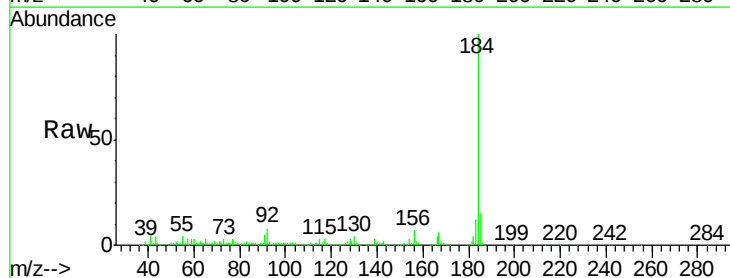
Tgt Ion:184 Resp: 420828

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

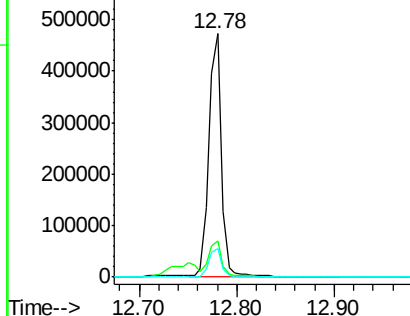
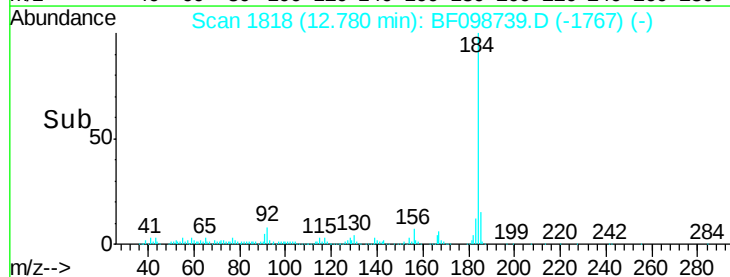
183 11.8 9.3 13.9

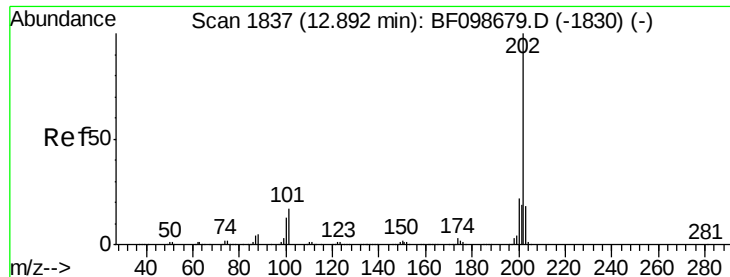


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

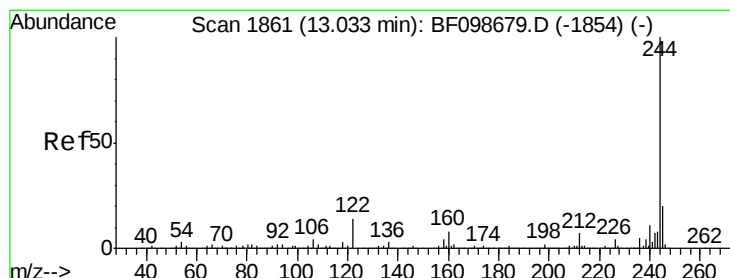
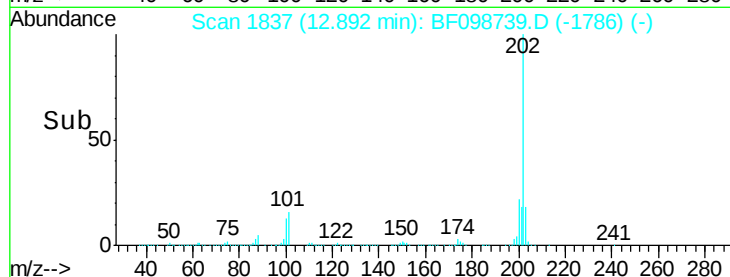
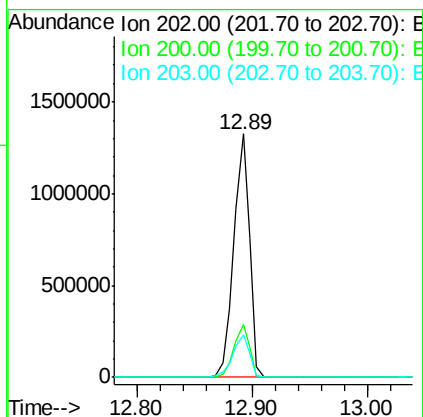
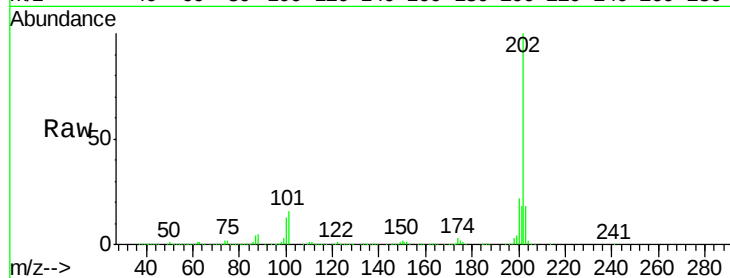




#77
Pvrene
Concen: 51.78 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

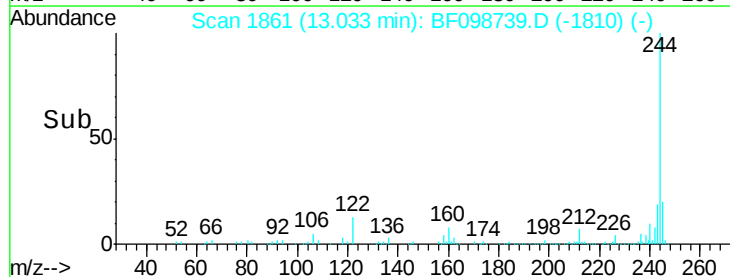
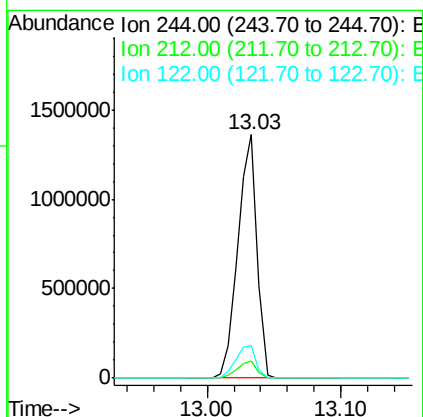
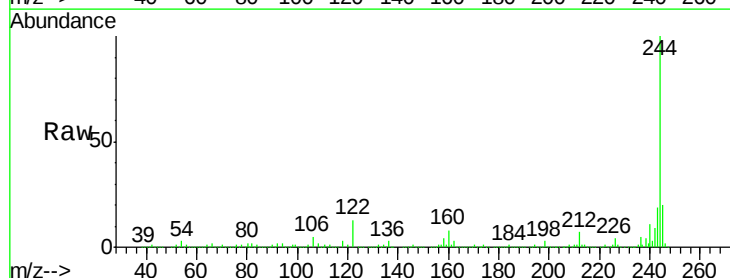
Instrument :
BNA_F
ClientSampleId :

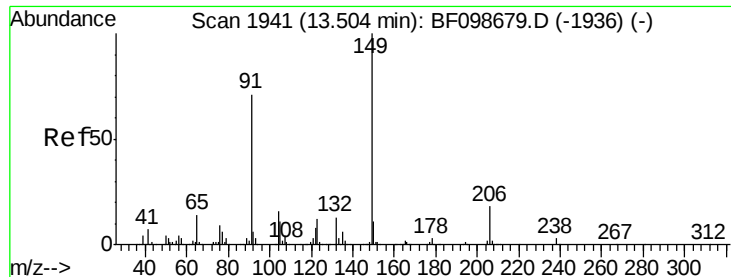
Tot Ion:202 Resp: 1247334
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 97.87 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:244 Resp: 1359424
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.4 11.0 16.4

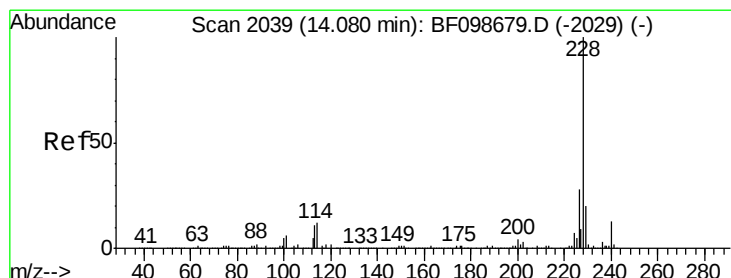
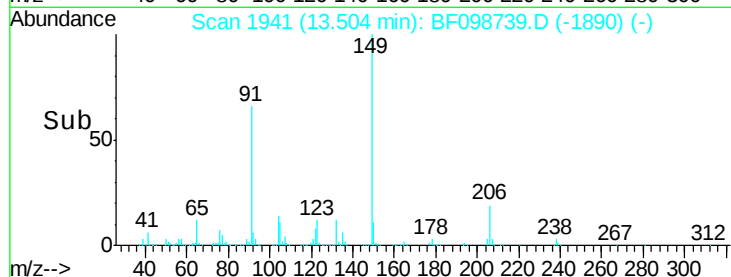
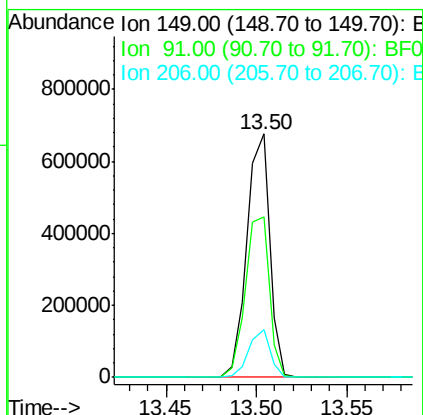
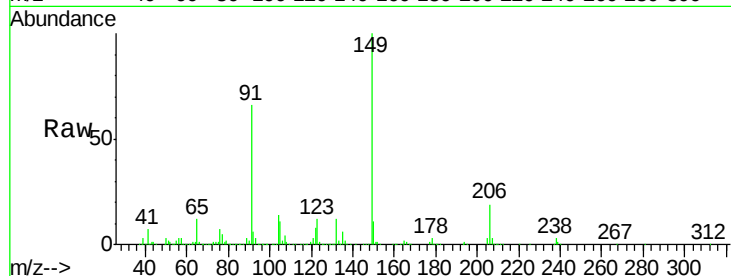




#79
Butylbenzylphthalate
Concen: 52.50 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

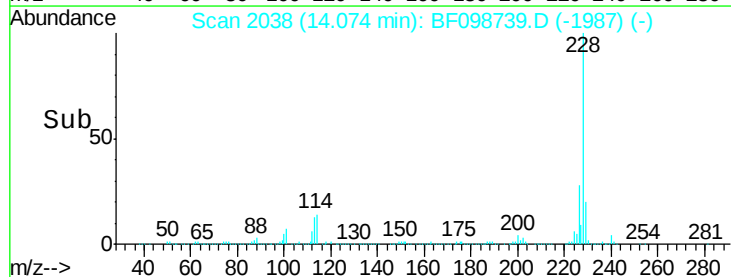
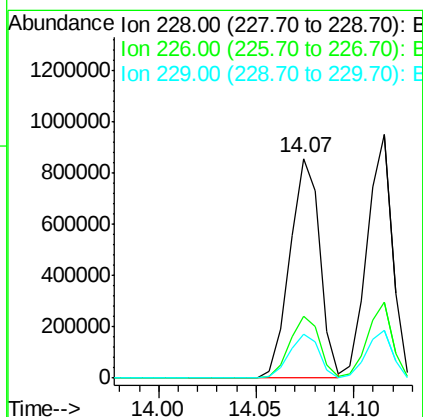
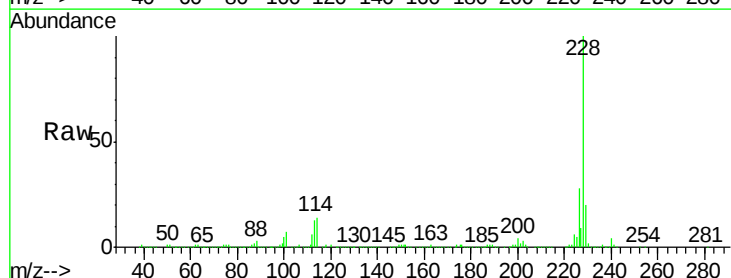
Instrument :
BNA_F
ClientSampled :

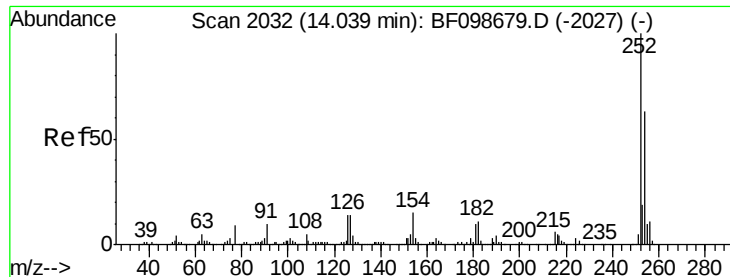
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	19.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 47.33 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.9	15.8	23.6

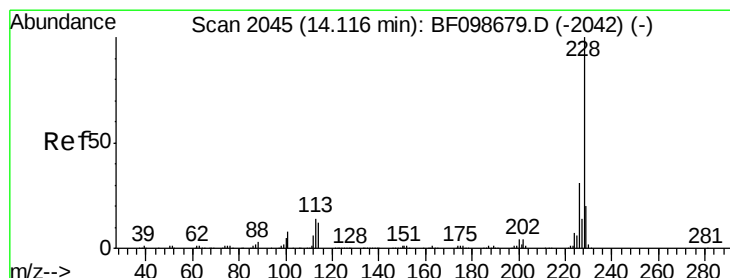
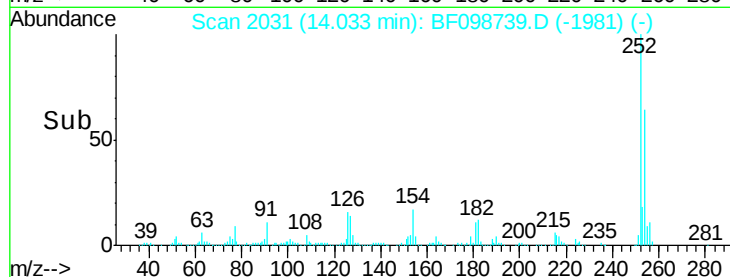
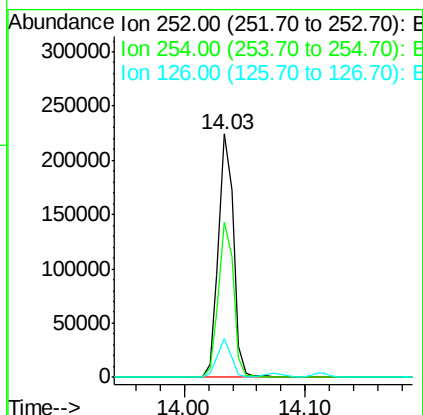
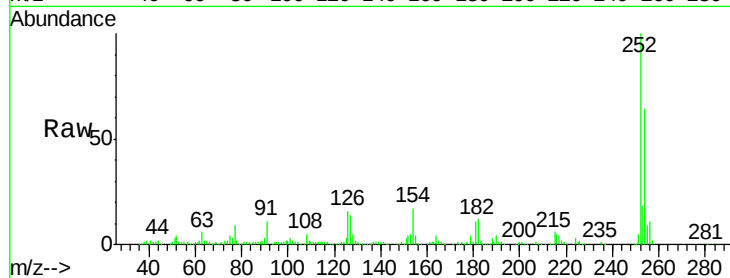




#81
 3,3'-Dichlorobenzidine
 Concen: 27.64 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

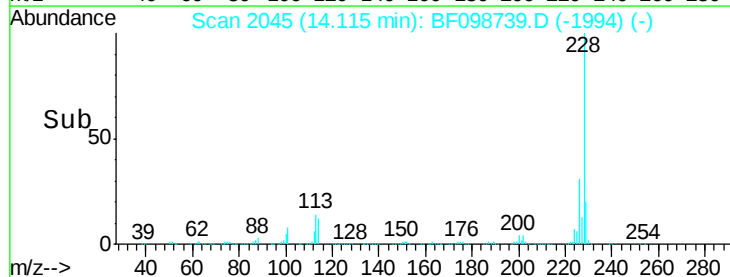
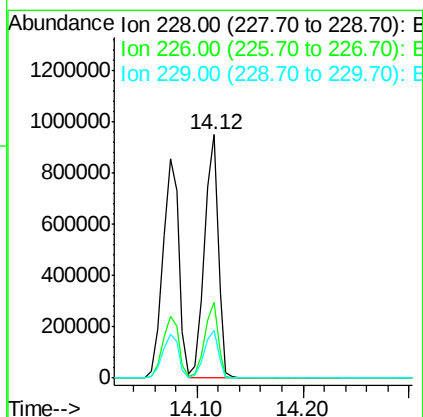
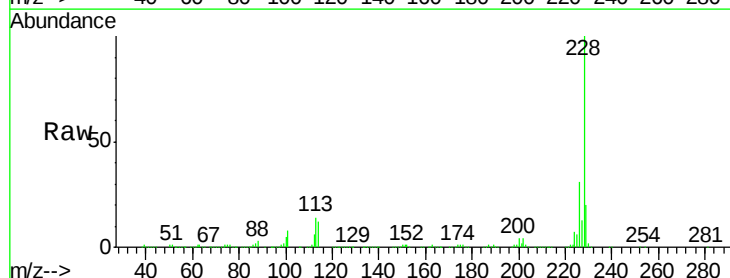
Instrument :
 BNA_F
 ClientSampleId :

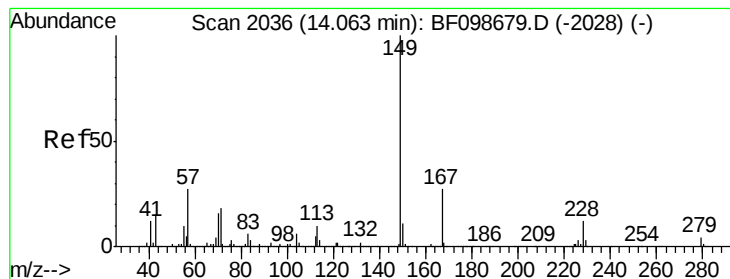
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	15.8	11.3	16.9



#82
 Chrysene
 Concen: 46.91 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.47 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

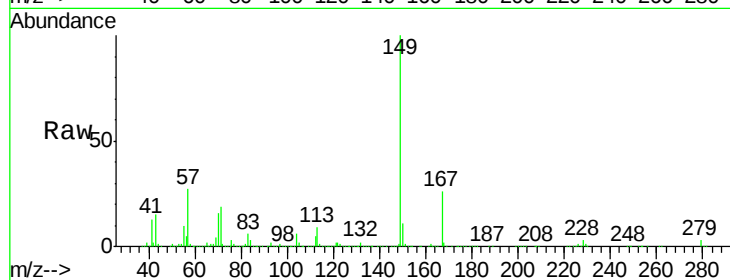
Tot Ion:149 Resp: 802276

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

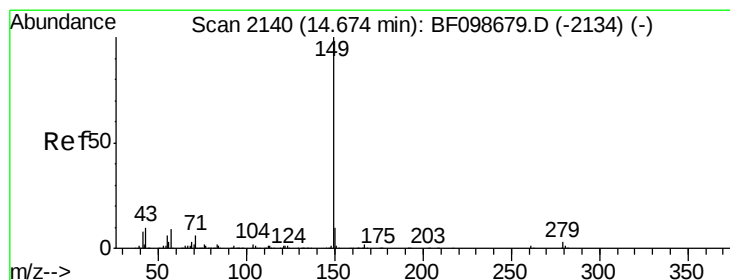
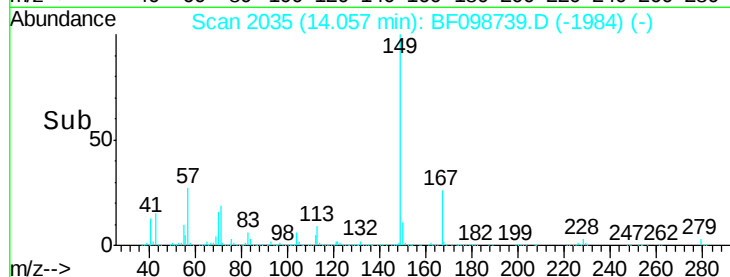
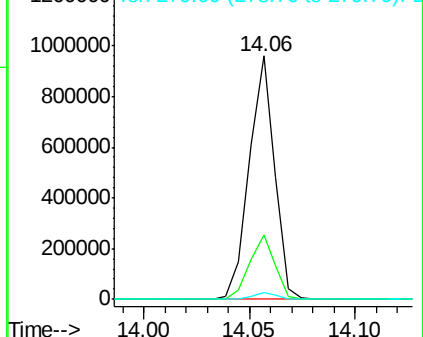
279 2.9 3.0 4.4#



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: 48.21 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

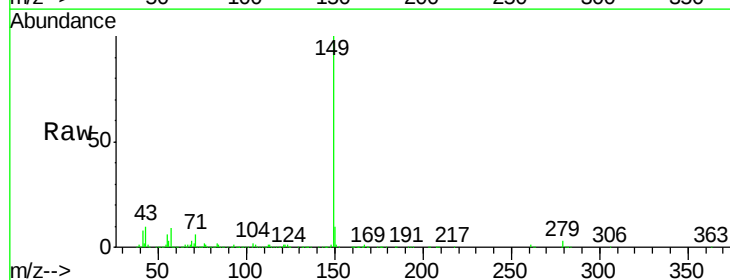
Tgt Ion:149 Resp: 1210007

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

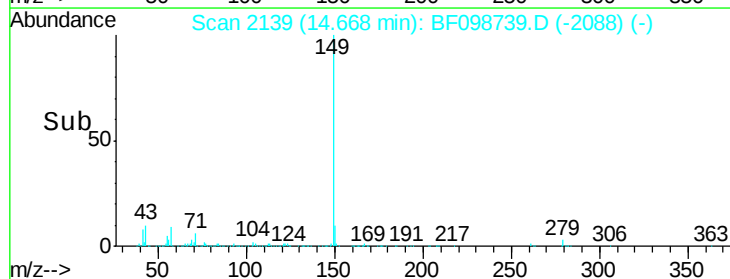
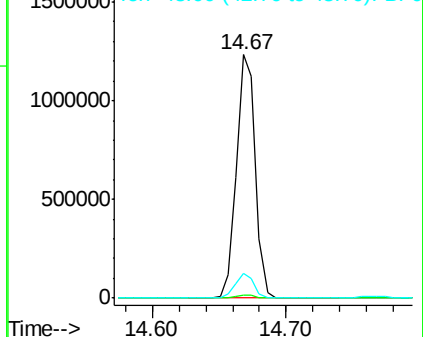
43 9.8 8.4 12.6

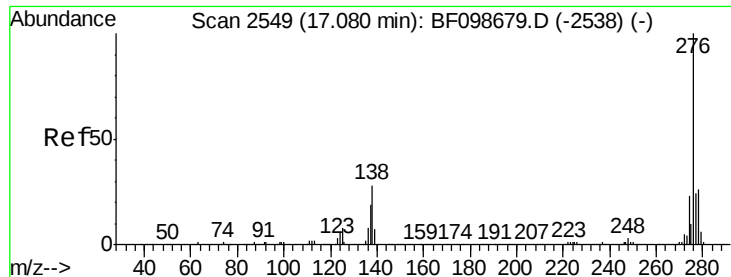


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

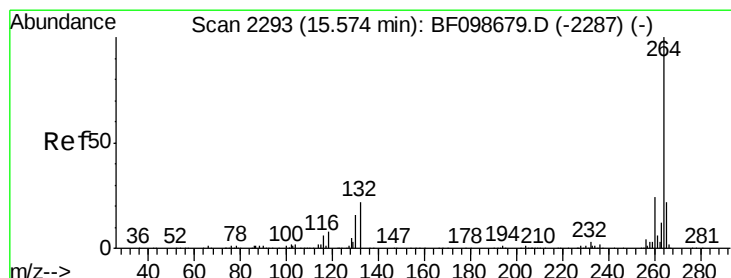
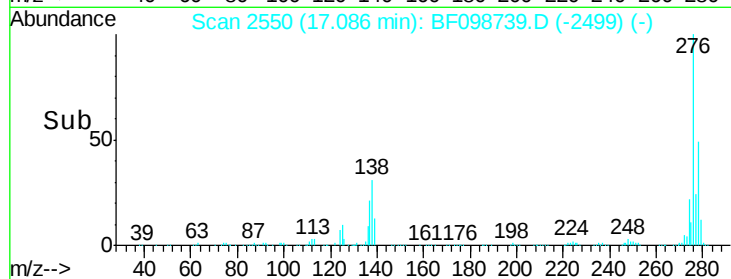
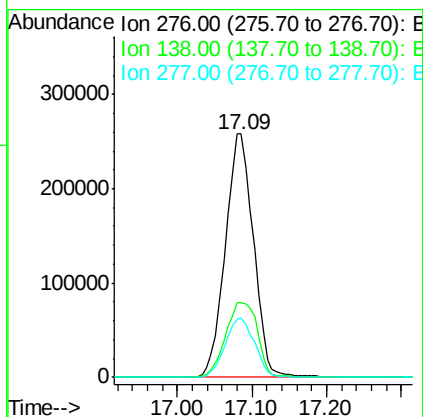
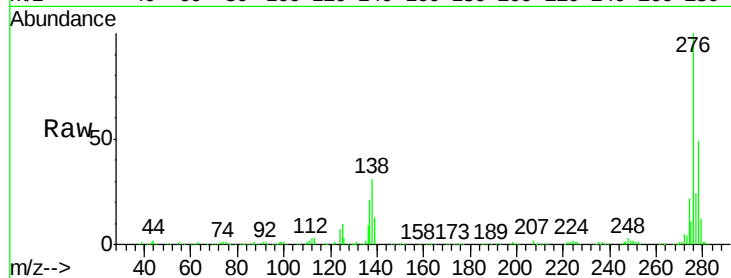




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.58 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

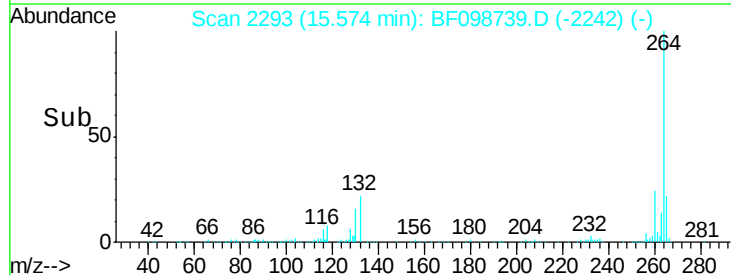
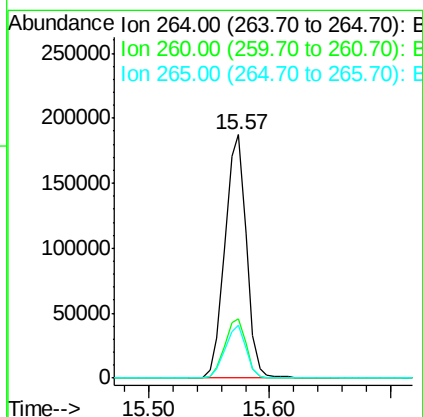
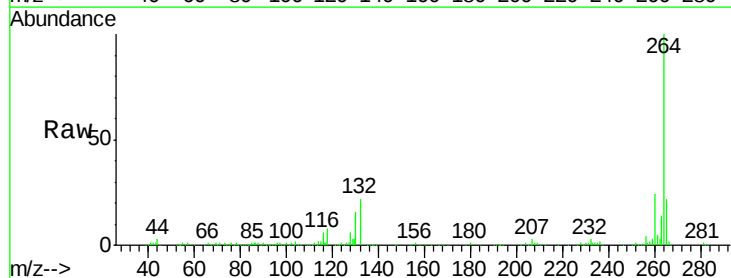
Instrument :
BNA_F
ClientSampleId :

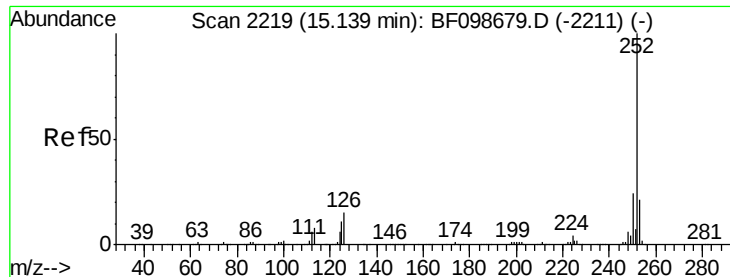
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.2	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

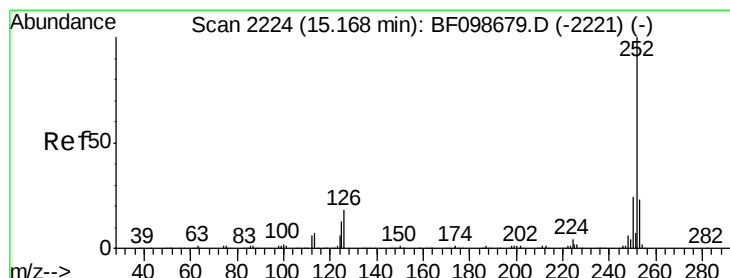
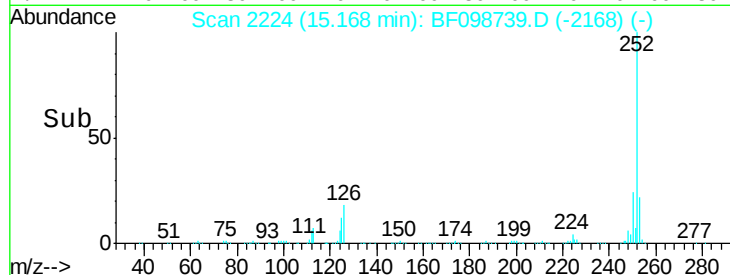
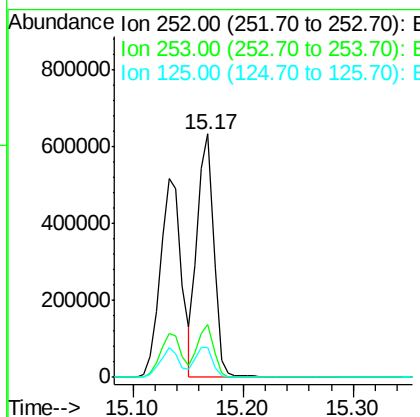
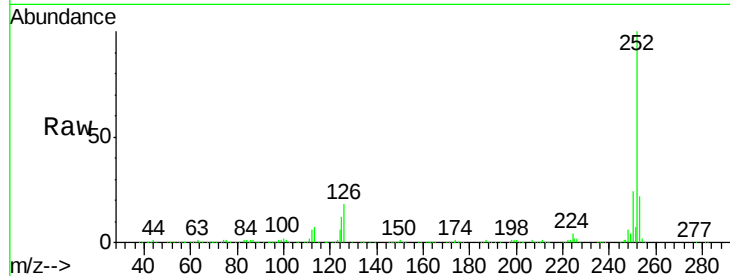




#87
Benzo(b)fluoranthene
Concen: 45.53 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.03 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

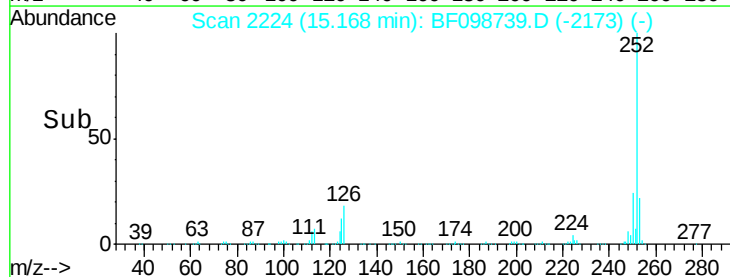
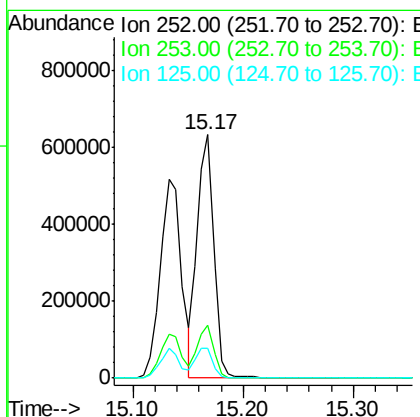
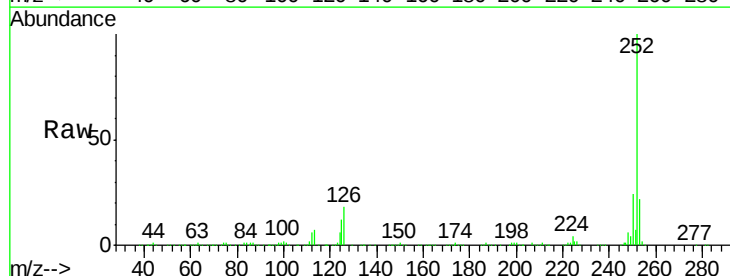
Instrument :
BNA_F
ClientSampleId :

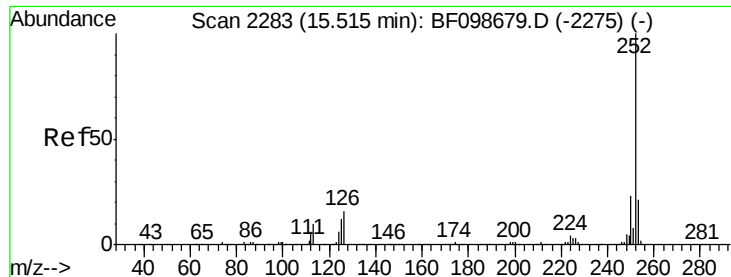
Tot Ion:252 Resp: 646130
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.10 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:252 Resp: 646130
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.4 10.2 15.2

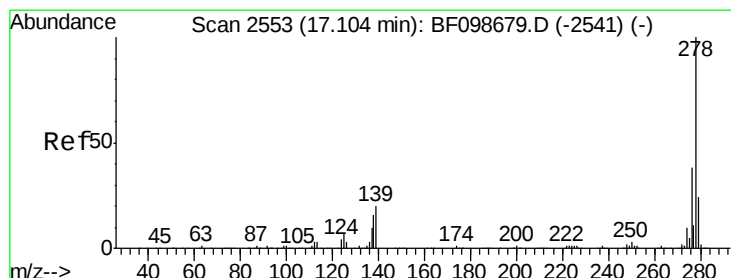
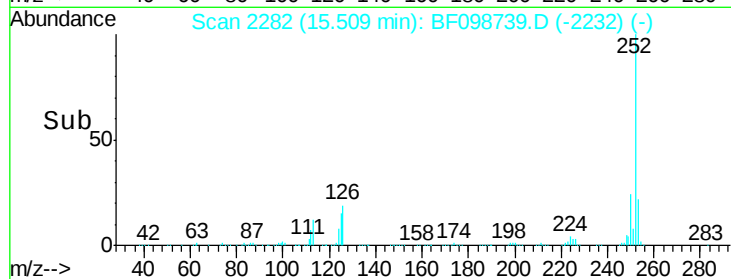
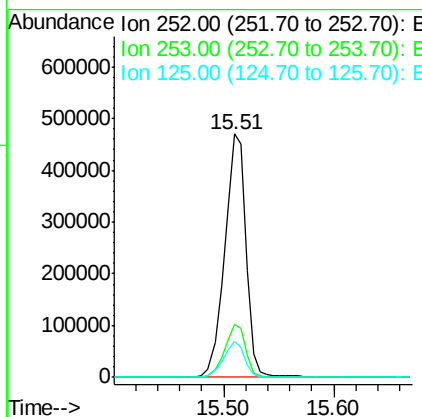
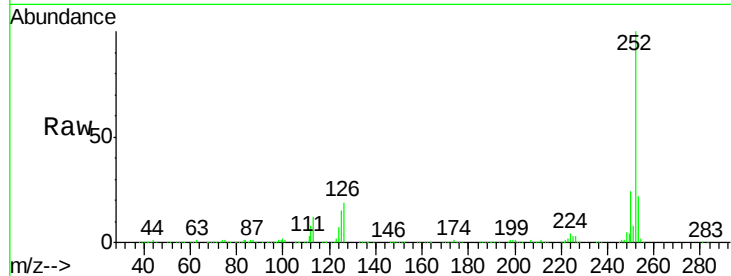




#89
Benzo(a)pyrene
Concen: 48.75 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

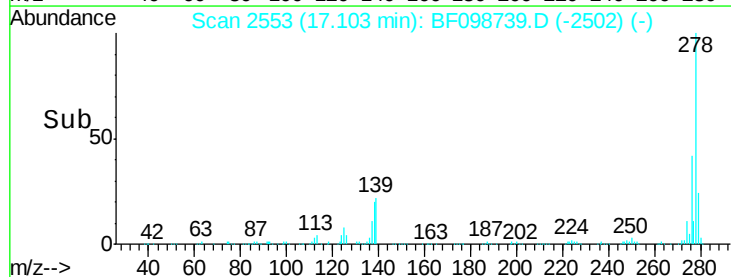
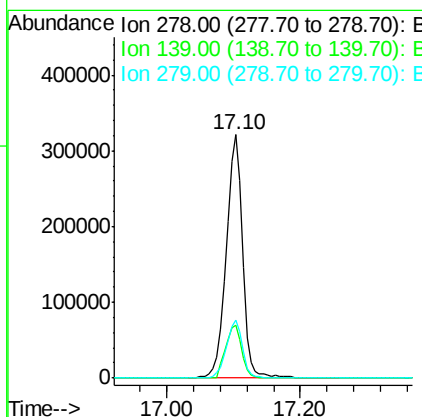
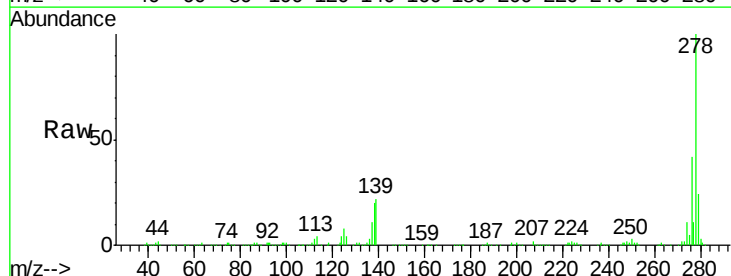
Instrument :
BNA_F
ClientSampleId :

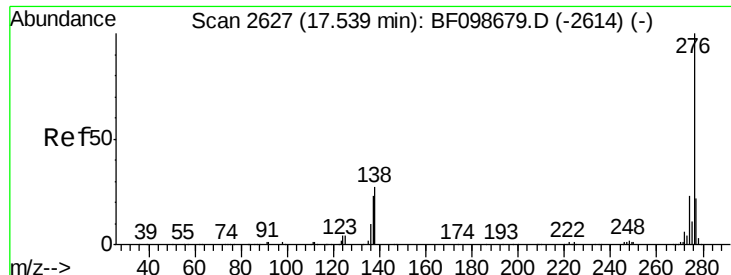
Tot Ion:252 Resp: 634999
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 53.73 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion:278 Resp: 560145
Ion Ratio Lower Upper
278 100
139 21.8 15.9 23.9
279 23.9 19.0 28.4

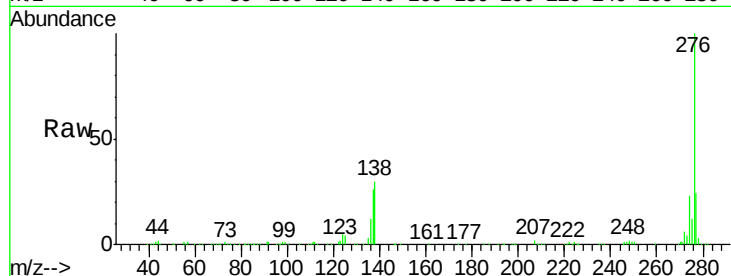




#91
 Benzo(a,h,i)perylene
 Concen: 55.94 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

