

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098838.D
 Acq On : 26 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102610BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:47:17 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	148752	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	633575	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	281247	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	457786	20.00	ng	0.00
75) Chrysene-d12	14.08	240	286292	20.00	ng	0.00
86) Perylene-d12	15.57	264	287150	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	797556	85.35	ng	0.00
7) Phenol-d6	6.55	99	970910	84.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	839661	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	193923	84.26	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1525269	90.54	ng	0.00
78) Terphenyl-d14	13.03	244	1062532	84.40	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	143047	32.05	ng	98
3) Pyridine	3.55	79	412703	34.18	ng	98
4) n-Nitrosodimethylamine	3.50	42	190483	37.20	ng	93
6) Aniline	6.58	93	432969	27.83	ng	99
8) 2-Chlorophenol	6.70	128	422977	39.97	ng	95
9) Benzaldehyde	6.46	77	94517	14.14	ng	99
10) Phenol	6.56	94	536903	41.65	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	398623	39.77	ng	98
12) 1,3-Dichlorobenzene	6.86	146	429161	38.72	ng	99
13) 1,4-Dichlorobenzene	6.93	146	433168	38.42	ng	99
14) 1,2-Dichlorobenzene	7.09	146	407495	39.11	ng	99
15) Benzyl Alcohol	7.06	79	353159	41.76	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622921	39.89	ng	99
17) 2-Methylphenol	7.16	107	355454	41.05	ng	97
18) Hexachloroethane	7.43	117	137993	34.05	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	279912	38.03	ng	97
20) 3+4-Methylphenols	7.32	107	436103	39.81	ng	# 89
22) Acetophenone	7.33	105	555509	36.19	ng	# 95
24) Nitrobenzene	7.50	77	431555	38.51	ng	99
25) Isophorone	7.74	82	784050	38.38	ng	100
26) 2-Nitrophenol	7.82	139	210703	39.10	ng	90
27) 2,4-Dimethylphenol	7.85	122	394312	38.74	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	508363	39.94	ng	100
29) 2,4-Dichlorophenol	8.05	162	348396	39.87	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	343096	39.26	ng	99
31) Naphthalene	8.22	128	1152995	38.75	ng	100
32) Benzoic acid	7.96	122	241117	28.84	ng	98
33) 4-Chloroaniline	8.26	127	244915	19.71	ng	99
34) Hexachlorobutadiene	8.33	225	173289	38.50	ng	99
35) Caprolactam	8.64	113	112084	39.99	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	375291	38.21	ng	96
37) 2-Methylnaphthalene	8.91	142	806497	41.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	315609	37.63	ng	99
40) Hexachlorocyclopentadiene	9.06	237	82127	21.43	ng	95

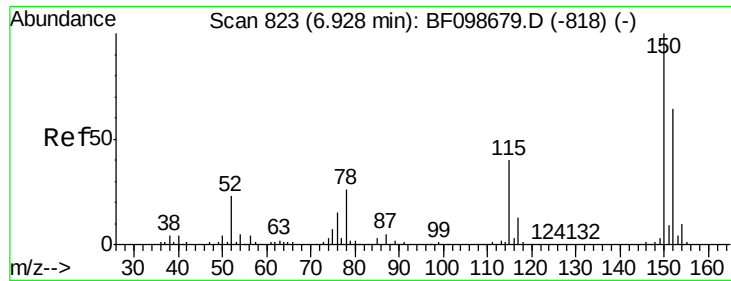
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098838.D
 Acq On : 26 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102610BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:47:17 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	232763	39.17	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	245194	41.34	nq	99
45) 1,1'-Biphenyl	9.37	154	925595	38.29	nq	99
46) 2-Chloronaphthalene	9.40	162	720307	39.69	nq	98
47) 2-Nitroaniline	9.50	65	233948	42.10	nq	96
48) Acenaphthylene	9.82	152	1097682	39.51	nq	100
49) Dimethylphthalate	9.67	163	874568	41.20	nq	100
50) 2,6-Dinitrotoluene	9.74	165	188788	40.85	nq	88
51) Acenaphthene	9.99	154	657057	37.34	nq	98
52) 3-Nitroaniline	9.90	138	150904	28.01	nq	99
53) 2,4-Dinitrophenol	10.00	184	15165	11.67	nq	# 64
54) Dibenzofuran	10.16	168	999045	42.64	nq	99
55) 4-Nitrophenol	10.06	139	340099	74.64	nq	95
56) 2,4-Dinitrotoluene	10.14	165	247734	41.31	nq	95
57) Fluorene	10.50	166	753062	39.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	175156	42.75	nq	99
59) Diethylphthalate	10.37	149	852548	41.10	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	345227	40.81	nq	99
61) 4-Nitroaniline	10.52	138	180613	34.74	nq	92
62) Azobenzene	10.66	77	806324	42.28	nq	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	14769	5.30	nq	91
65) n-Nitrosodiphenylamine	10.61	169	686183	43.27	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	199937	44.62	nq	92
67) Hexachlorobenzene	11.05	284	193829	40.50	nq	99
68) Atrazine	11.14	200	208576	43.71	nq	99
69) Pentachlorophenol	11.25	266	195134	65.51	nq	98
70) Phenanthrene	11.47	178	1023100	41.75	nq	99
71) Anthracene	11.52	178	1055576	42.10	nq	99
72) Carbazole	11.67	167	959256	39.07	nq	99
73) Di-n-butylphthalate	12.00	149	1295858	43.85	nq	99
74) Fluoranthene	12.66	202	917408	36.97	nq	99
76) Benzidine	12.77	184	667216	63.01	nq	98
77) Pyrene	12.89	202	917649	42.03	nq	99
79) Butylbenzylphthalate	13.49	149	471511	45.96	nq	99
80) Benzo(a)anthracene	14.07	228	732495	42.25	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	267498	42.09	nq	98
82) Chrysene	14.11	228	674542	40.87	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	667220	47.23	nq	99
84) Di-n-octyl phthalate	14.66	149	1092527	48.03	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	579613	43.90	nq	96
87) Benzo(b)fluoranthene	15.13	252	696274	39.44	nq	98
88) Benzo(k)fluoranthene	15.16	252	702386	40.28	nq	98
89) Benzo(a)pyrene	15.51	252	676408	41.74	nq	# 96
90) Dibenzo(a,h)anthracene	17.10	278	502141	38.72	nq	98
91) Benzo(g,h,i)perylene	17.54	276	452844	35.32	nq	95

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

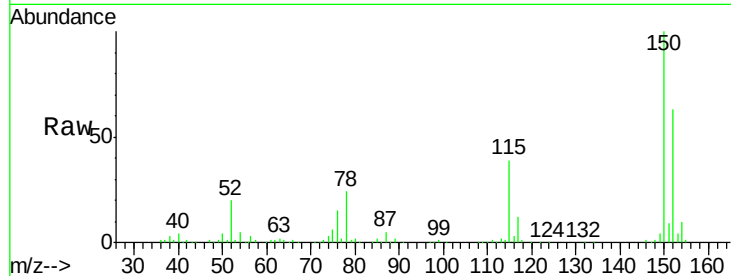


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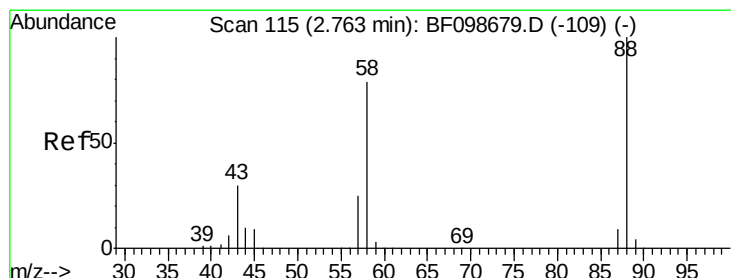
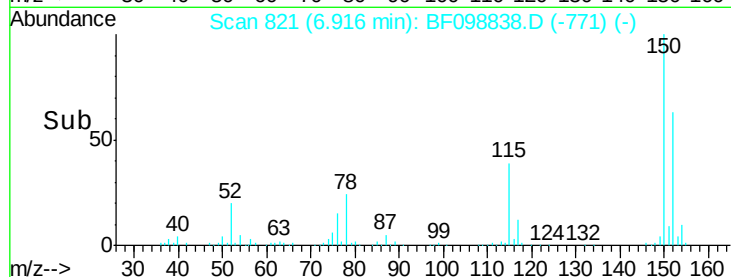
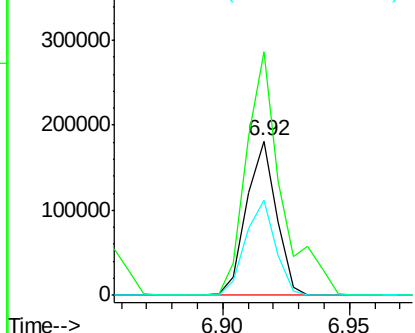
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148752
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.4 50.1 75.1



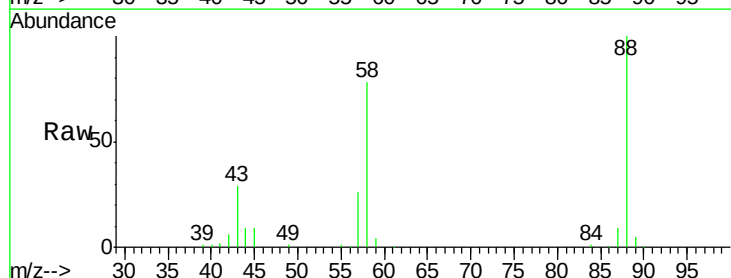
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



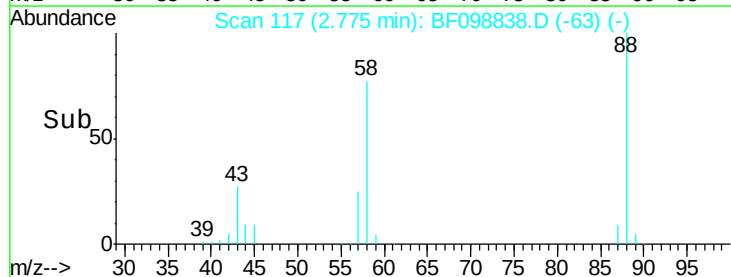
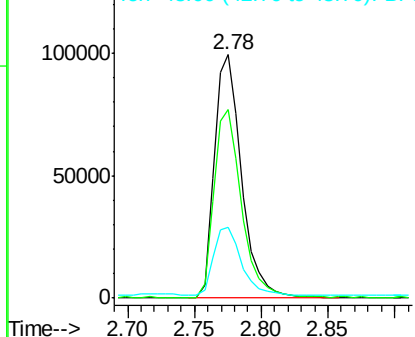
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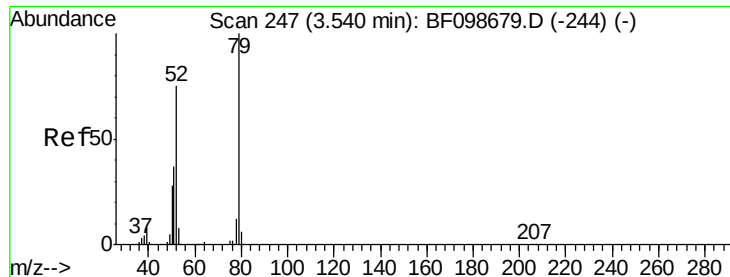
1,4-Dioxane
Concen: 32.05 ng
RT: 2.78 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion: 88 Resp: 143047
Ion Ratio Lower Upper
88 100
58 79.1 62.6 93.8
43 28.4 24.6 37.0



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





#3

Pvridine

Concen: 34.18 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

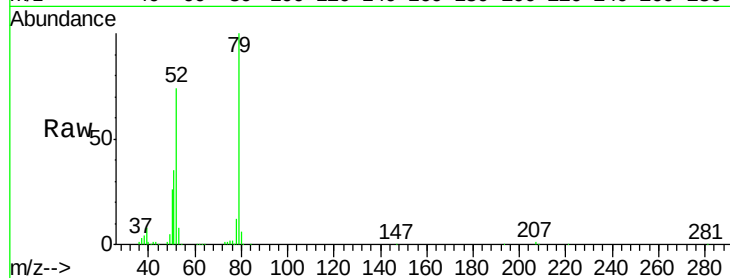
Tot Ion: 79 Resp: 412703

Ion Ratio Lower Upper

79 100

52 73.5 59.8 89.6

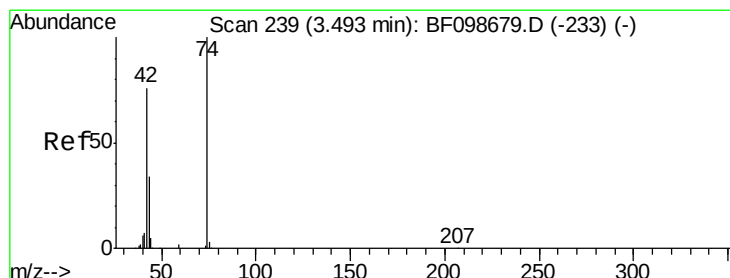
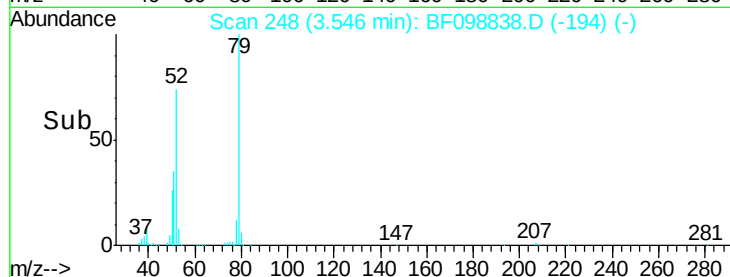
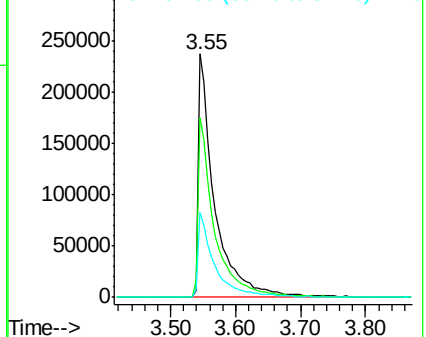
51 34.7 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 37.20 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

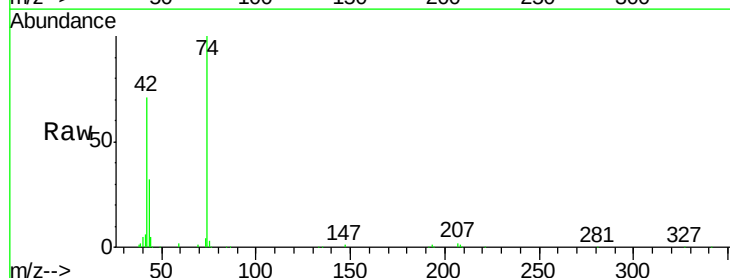
Tgt Ion: 42 Resp: 190483

Ion Ratio Lower Upper

42 100

74 140.0 104.9 157.3

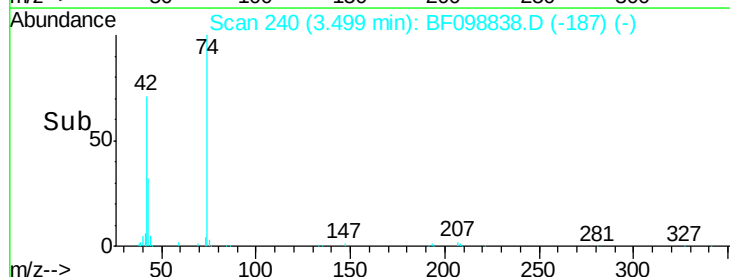
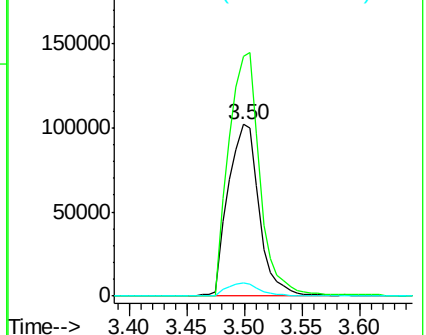
44 7.4 6.9 10.3

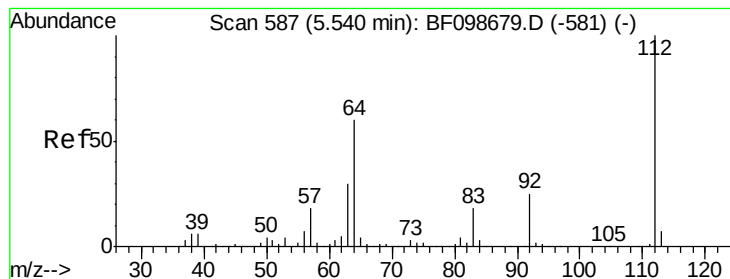


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

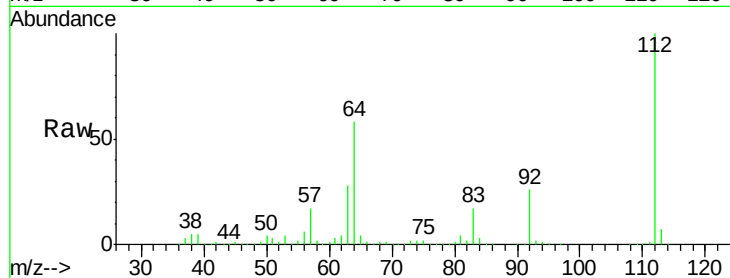




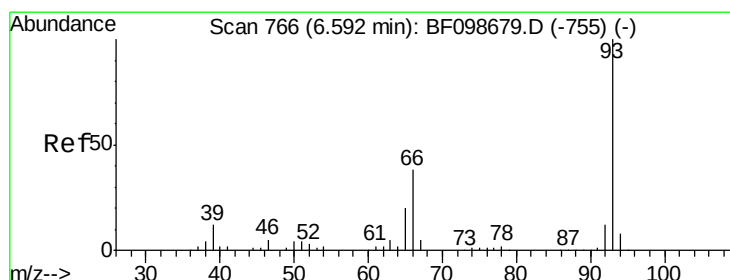
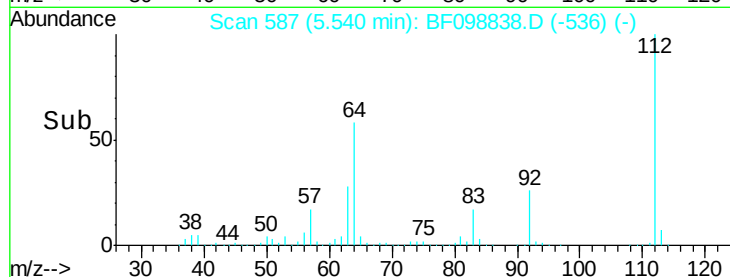
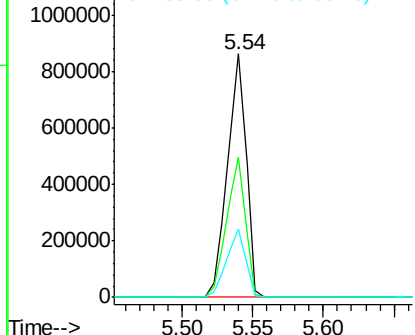
#5
2-Fluorophenol
Concen: 85.35 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.3	23.7	35.5

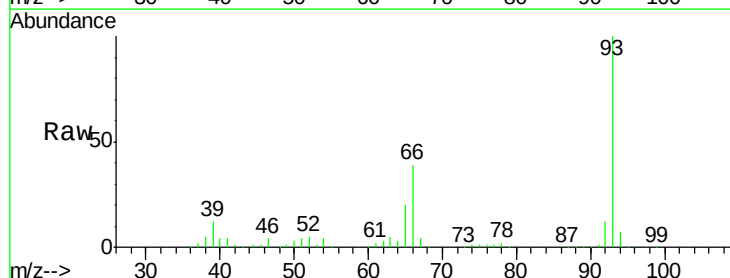


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

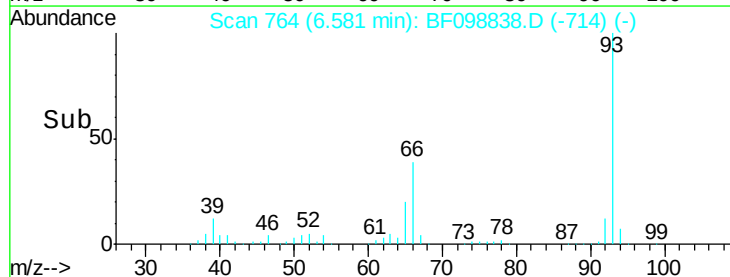
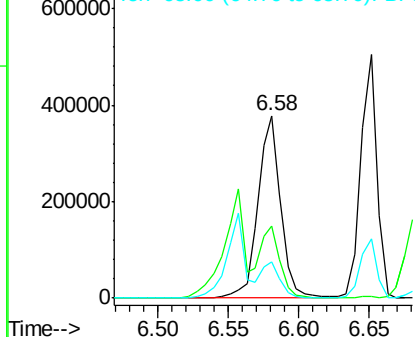


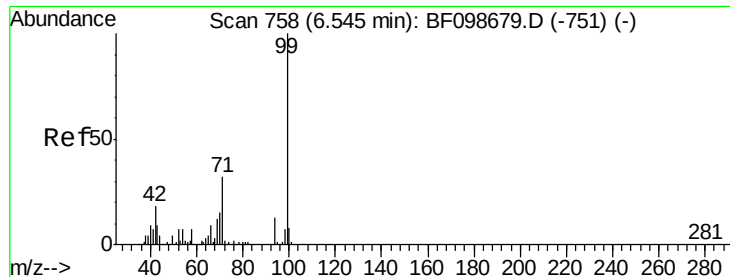
#6
Aniline
Concen: 27.83 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.2	48.2
65	19.9	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: 84.23 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

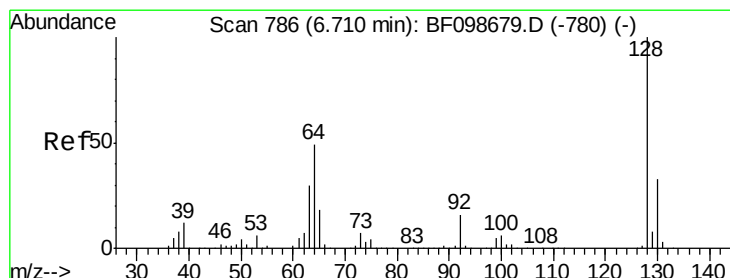
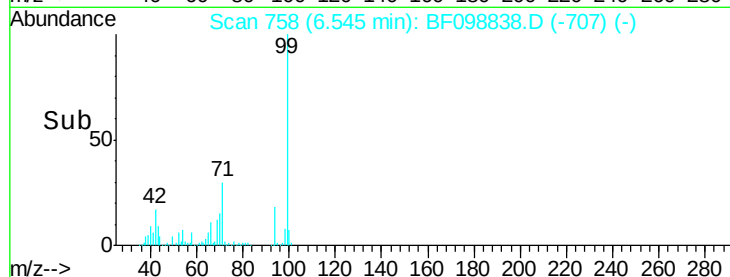
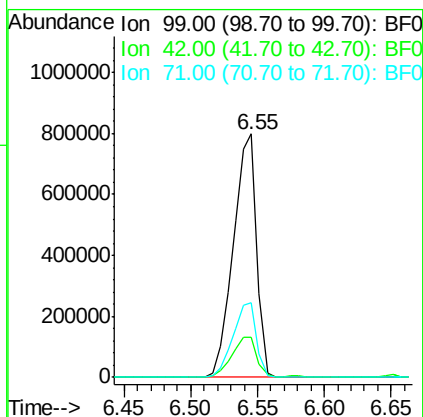
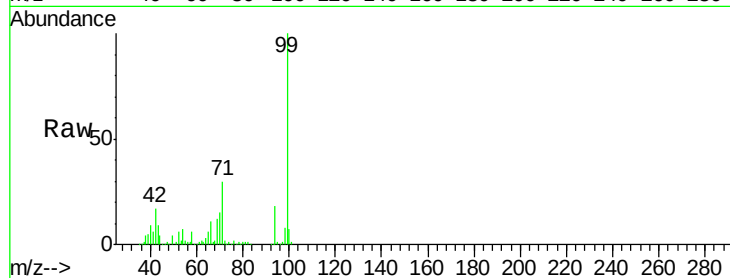
Tot Ion: 99 Resp: 970910

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 30.5 25.4 38.0



#8

2-Chlorophenol

Concen: 39.97 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

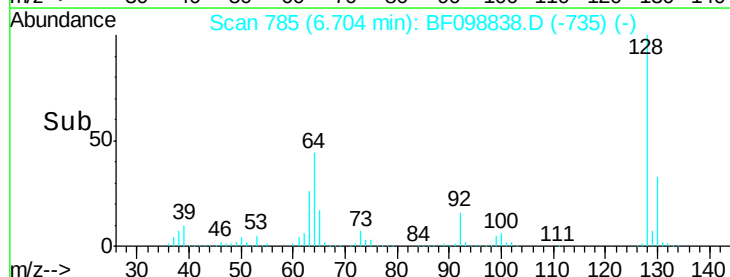
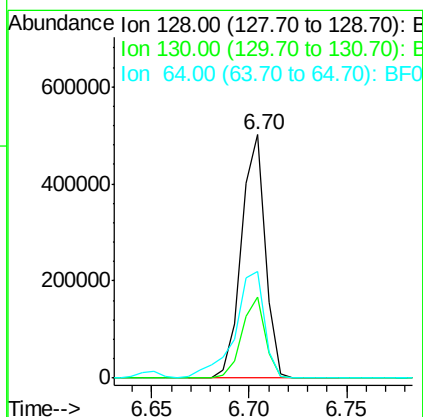
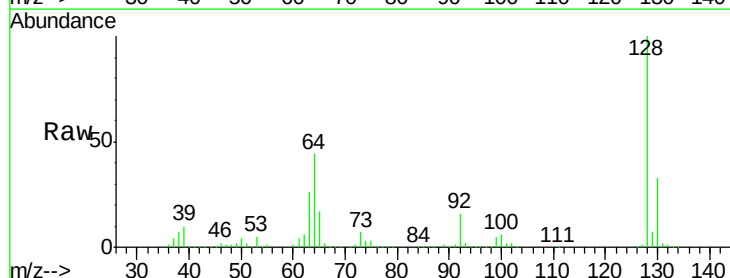
Tgt Ion: 128 Resp: 422977

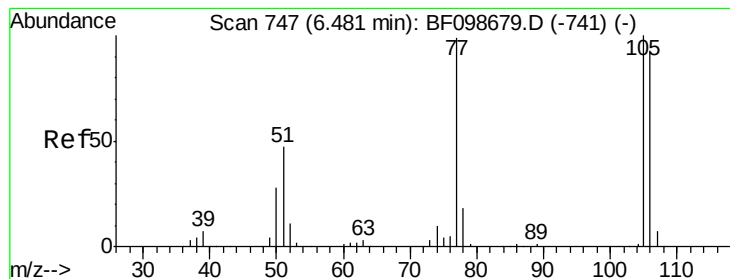
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 44.0 29.4 69.4





#9

Benzaldehyde

Concen: 14.14 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

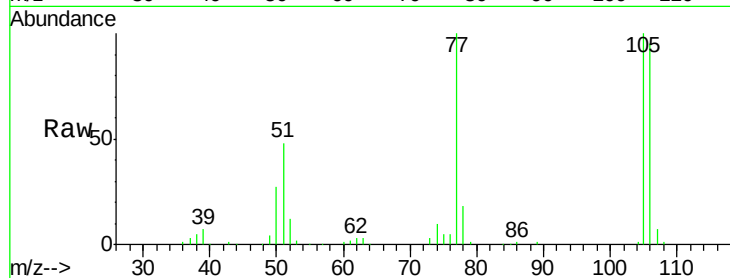
Tot Ion: 77 Resp: 94517

Ion Ratio Lower Upper

77 100

105 99.9 81.1 121.1

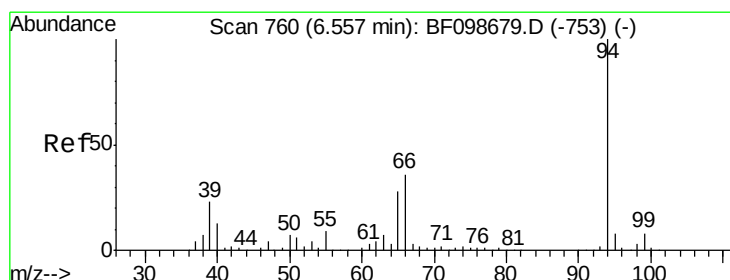
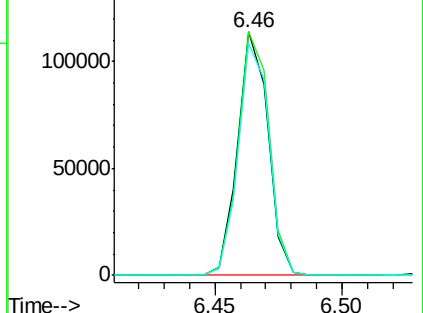
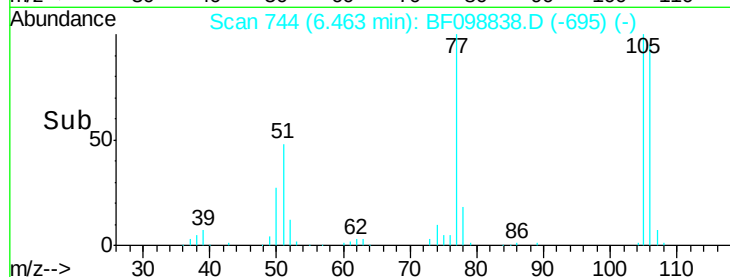
106 95.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.65 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

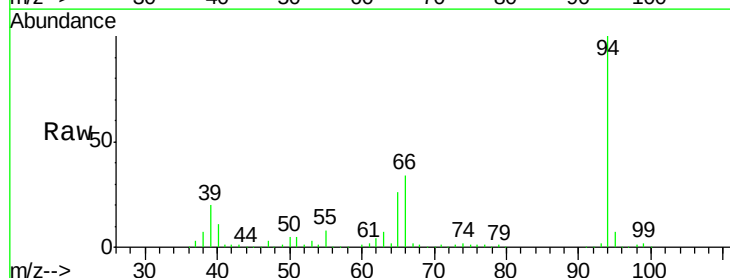
Tgt Ion: 94 Resp: 536903

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

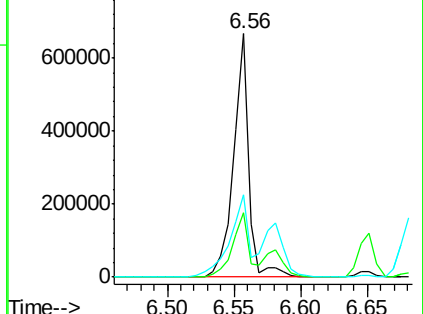
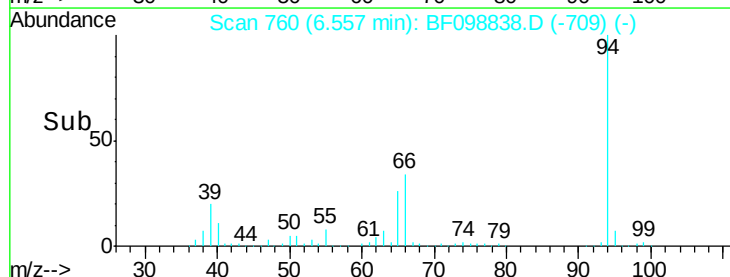
66 34.0 16.2 56.2

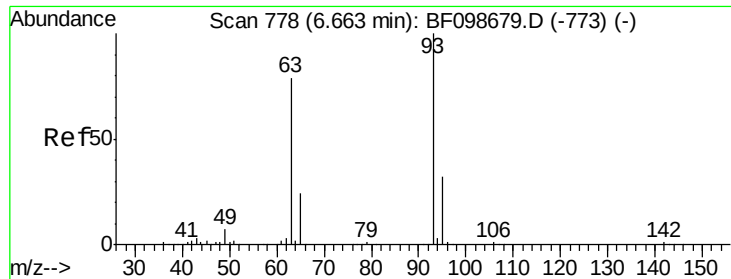


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.77 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

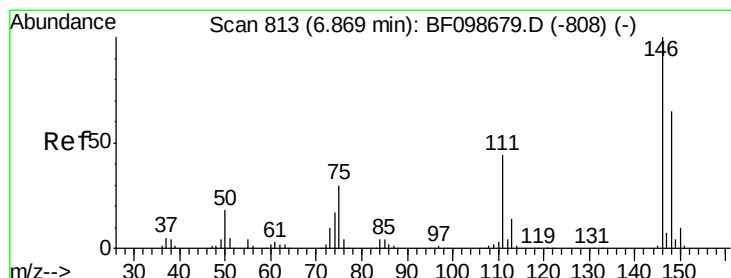
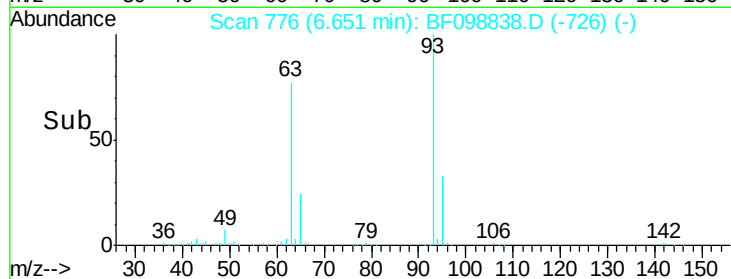
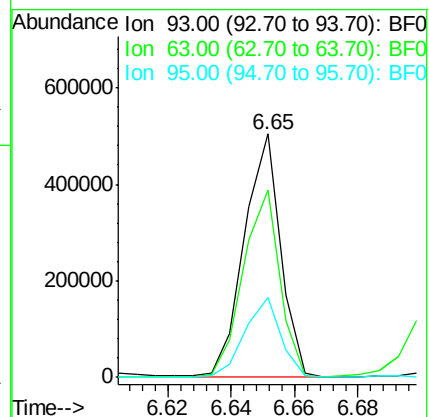
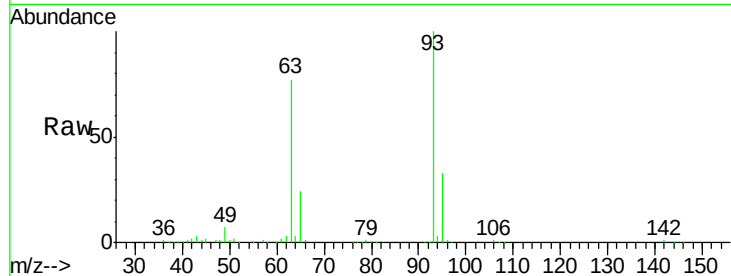
Tot Ion: 93 Resp: 398623

Ion Ratio Lower Upper

93 100

63 77.0 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.72 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

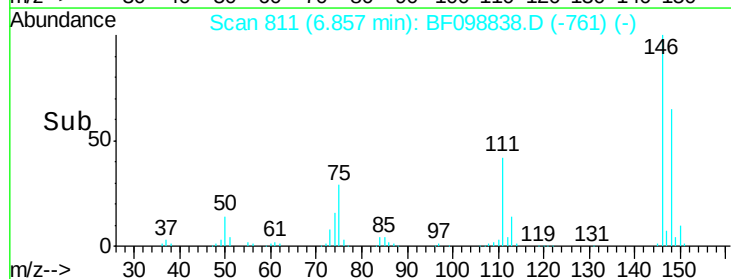
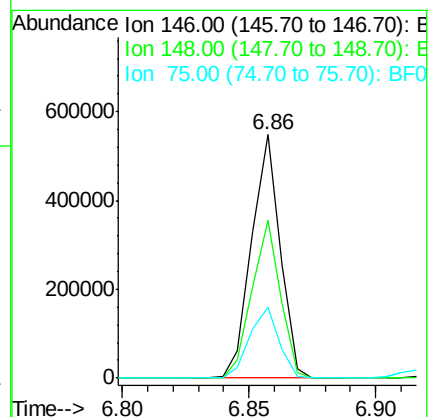
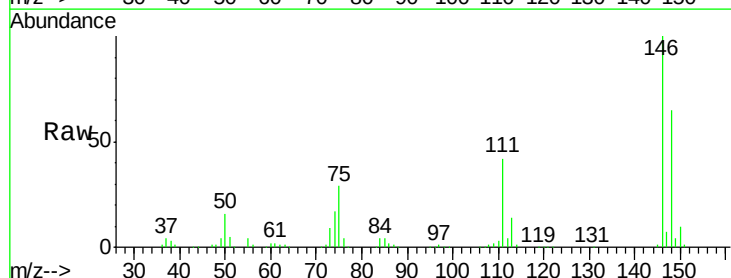
Tgt Ion: 146 Resp: 429161

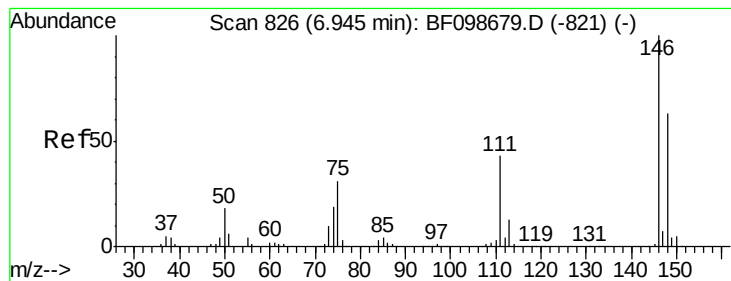
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 28.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.42 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

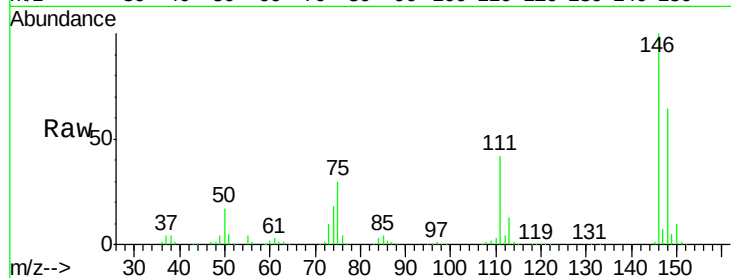
Tot Ion:146 Resp: 433168

Ion Ratio Lower Upper

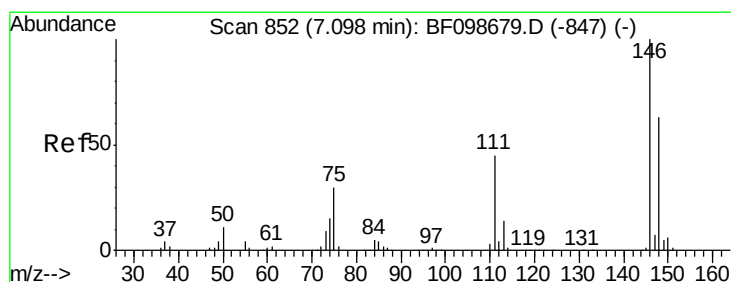
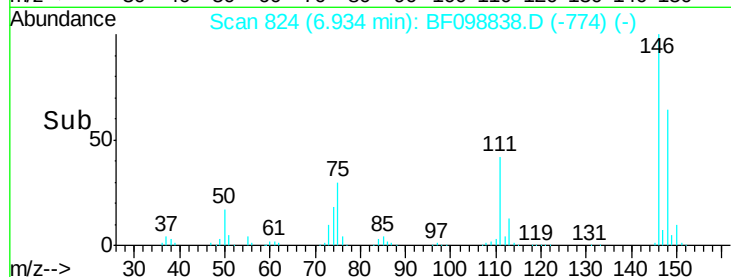
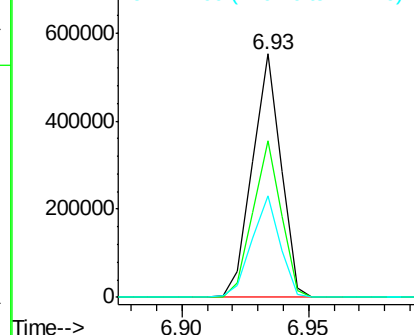
146 100

148 64.1 50.8 76.2

111 41.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 39.11 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

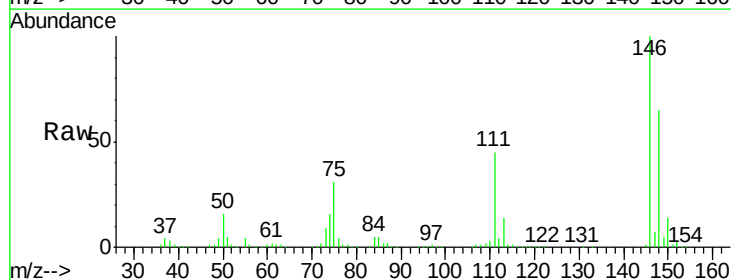
Tgt Ion:146 Resp: 407495

Ion Ratio Lower Upper

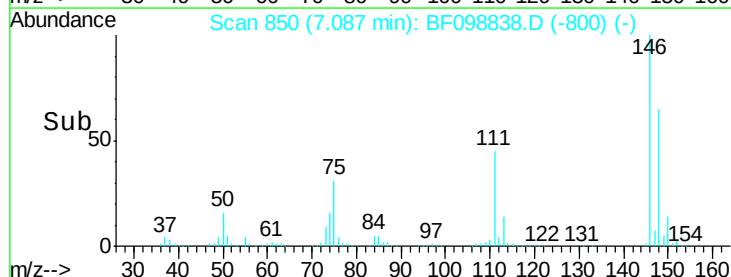
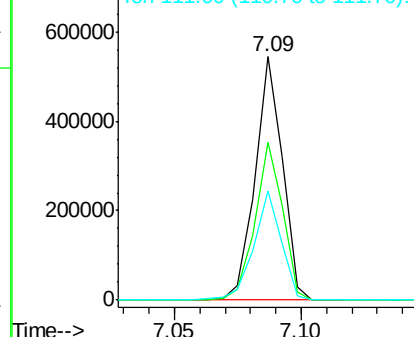
146 100

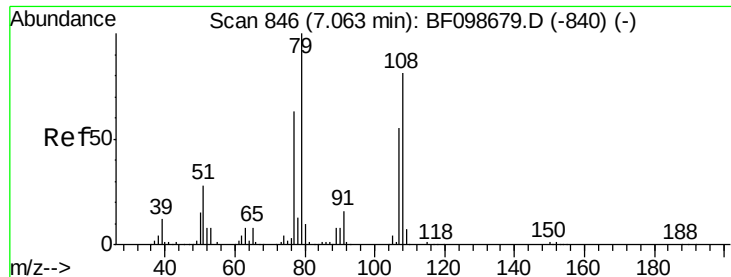
148 64.8 50.6 75.8

111 44.9 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: 41.76 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

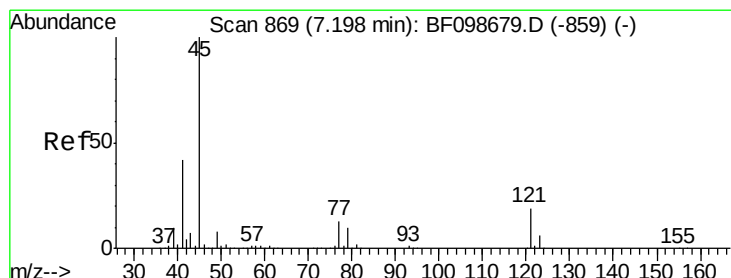
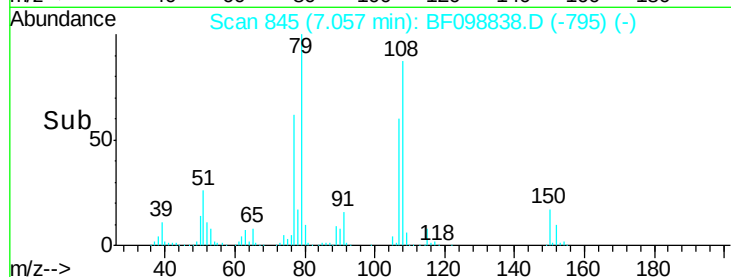
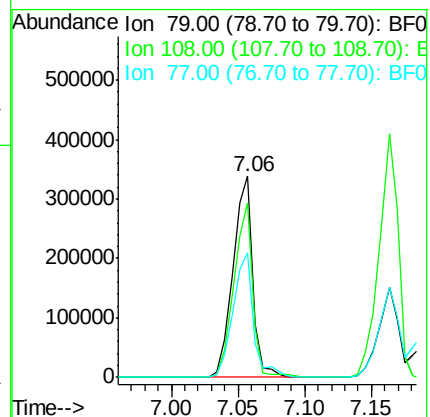
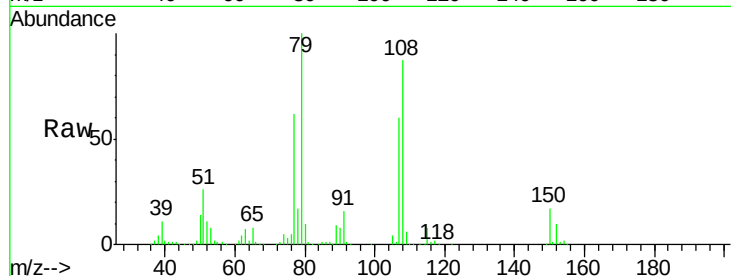
Tot Ion: 79 Resp: 353159

Ion Ratio Lower Upper

79 100

108 86.7 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.89 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

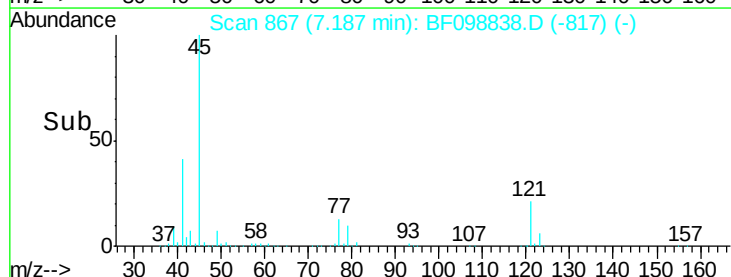
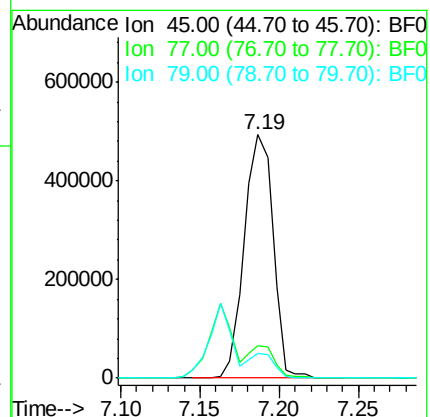
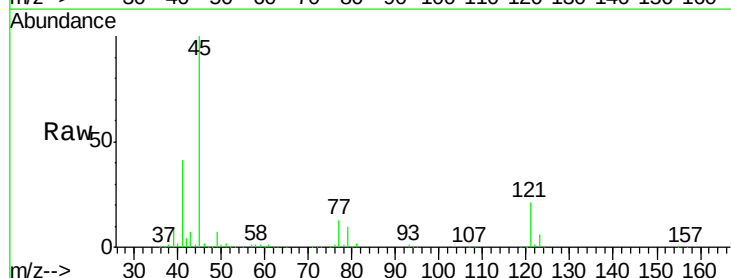
Tgt Ion: 45 Resp: 622921

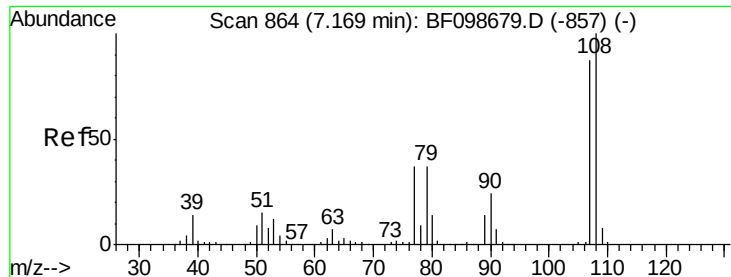
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.1 0.0 29.6





#17

2-Methylphenol

Concen: 41.05 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 355454

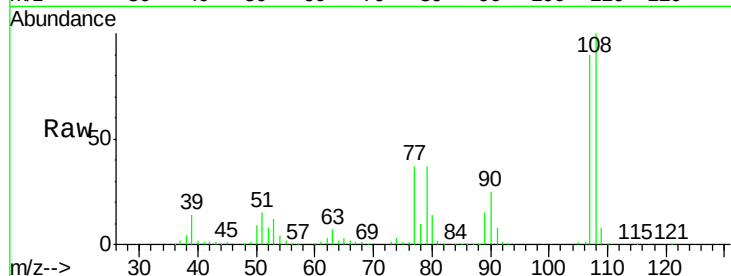
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 41.4 33.8 50.8

79 41.3 33.8 50.8

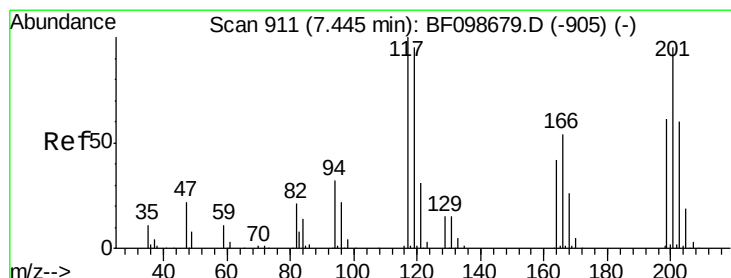
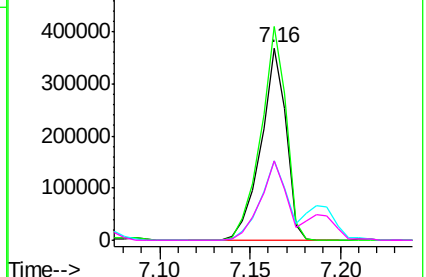
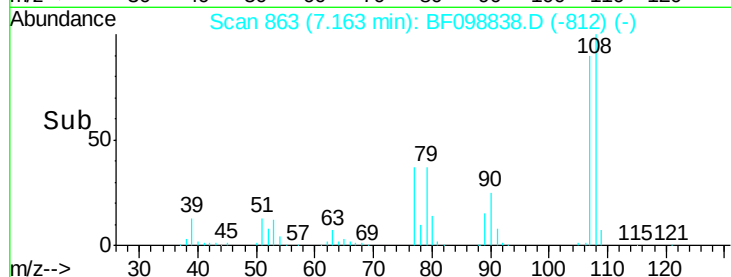


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.05 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

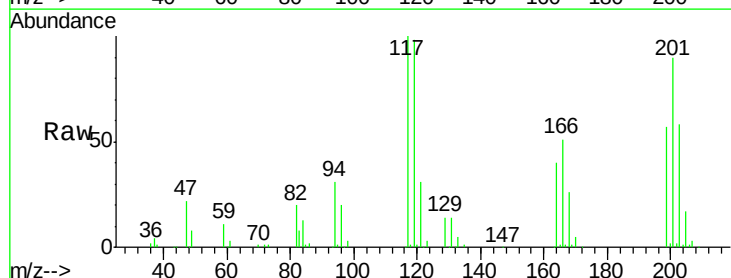
Tgt Ion:117 Resp: 137993

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

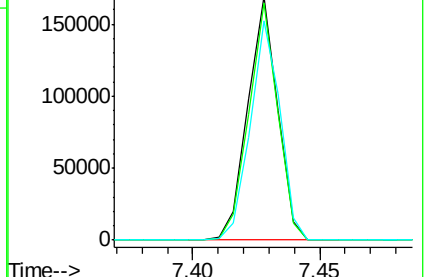
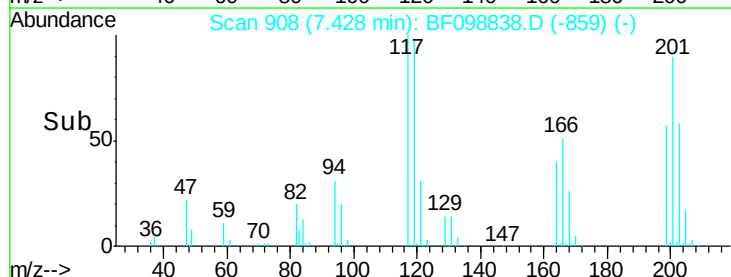
201 90.0 75.7 113.5

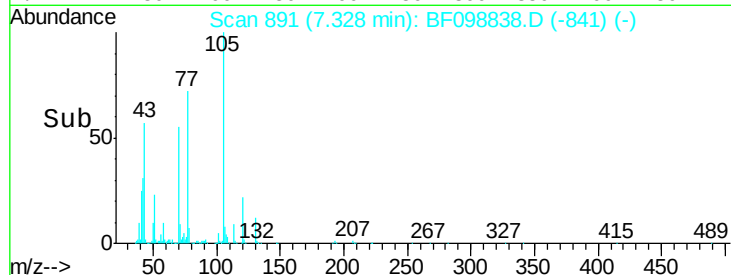
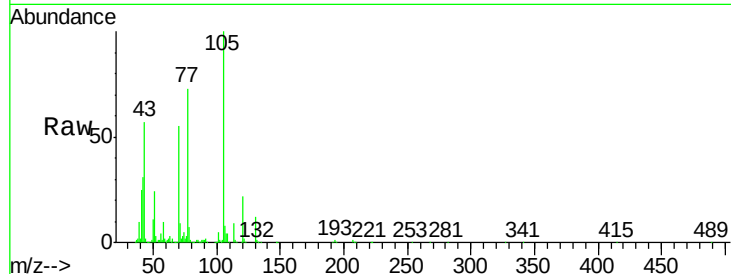
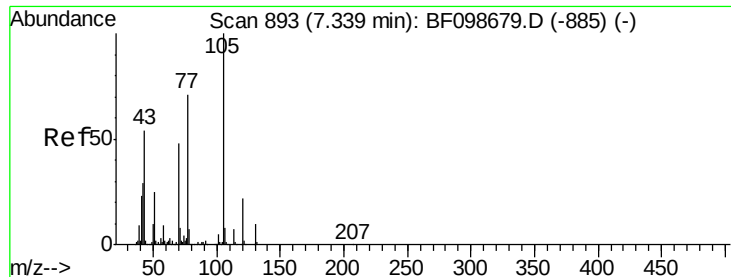


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

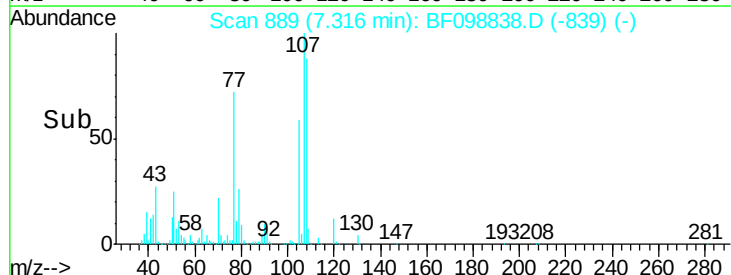
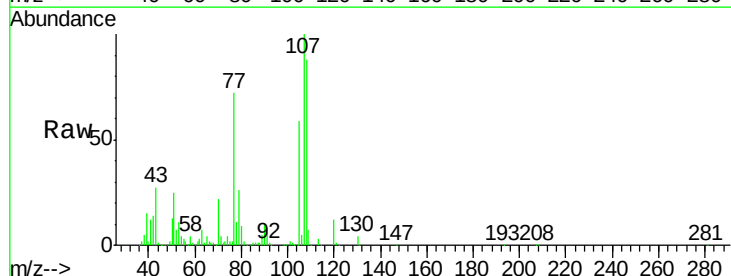
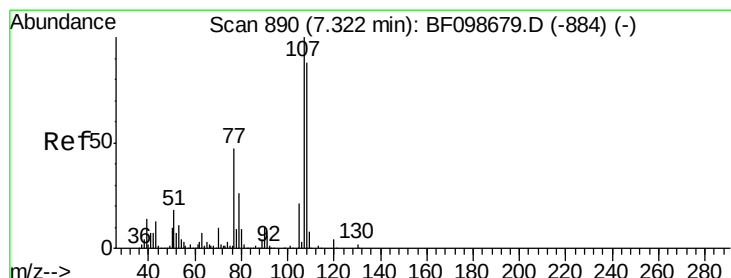
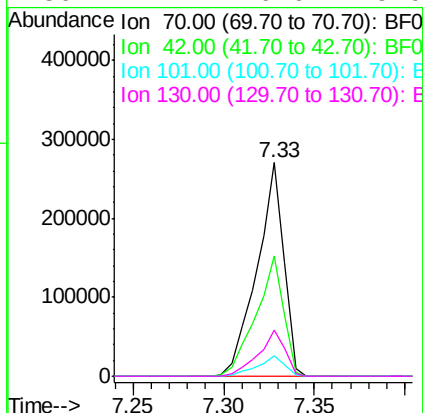




#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

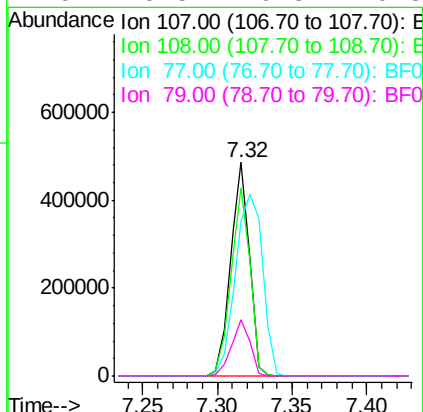
Instrument :
BNA_F
ClientSampleId :

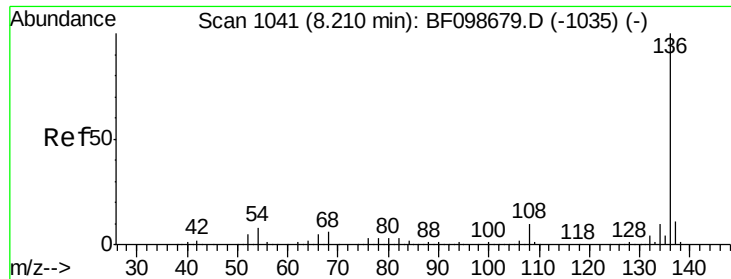
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	47.5	71.3	
101	9.6	7.4	11.2	
130	21.4	16.6	25.0	



#20
3+4-Methylphenols
Concen: 39.81 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	68.2	108.2	
77	72.3	26.7	66.7	
79	26.5	6.3	46.3	

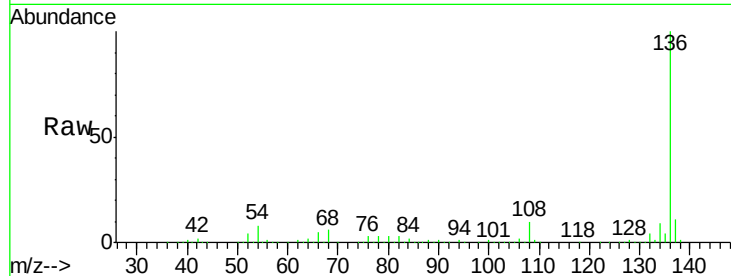




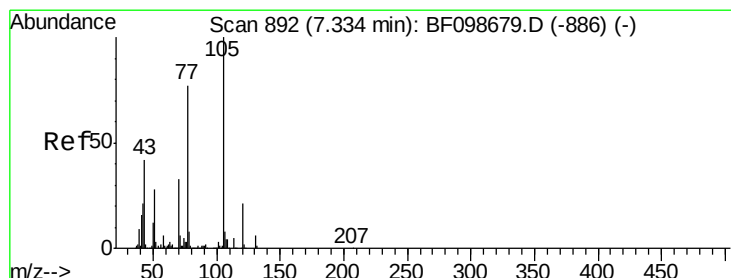
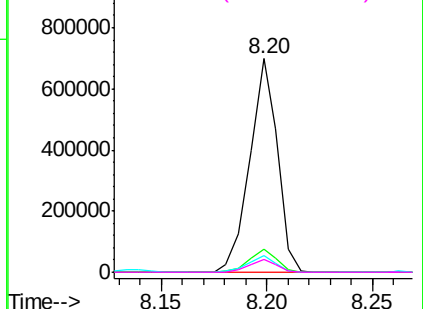
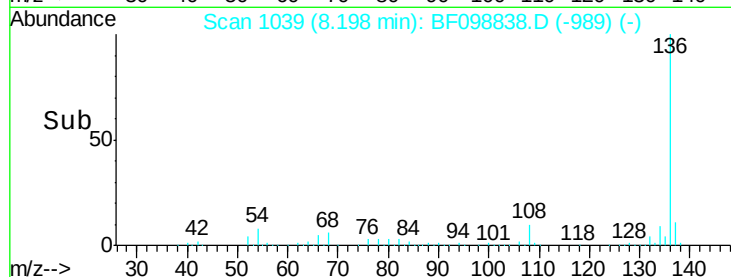
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	633575
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.0	6.6 9.8
68	6.2	5.0 7.4

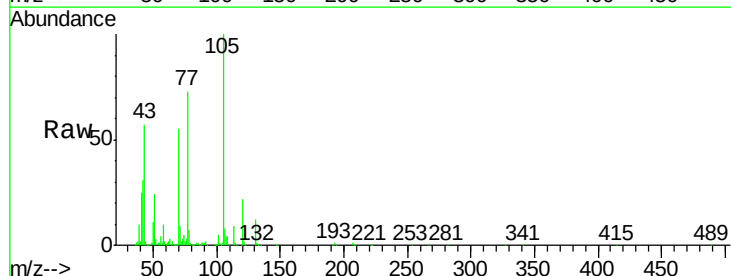


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

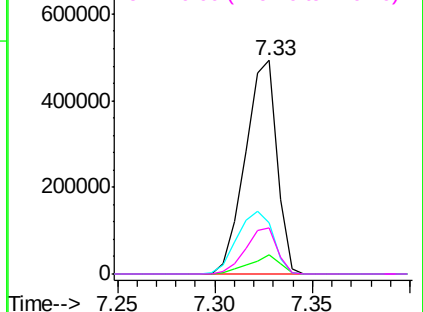
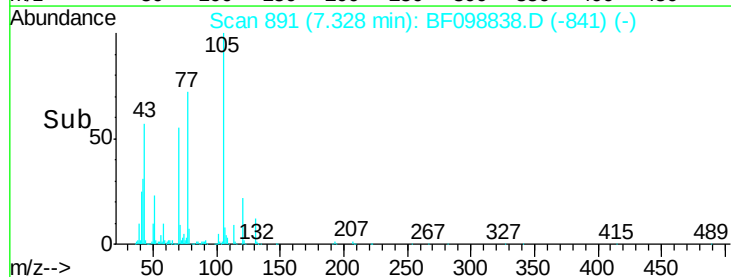


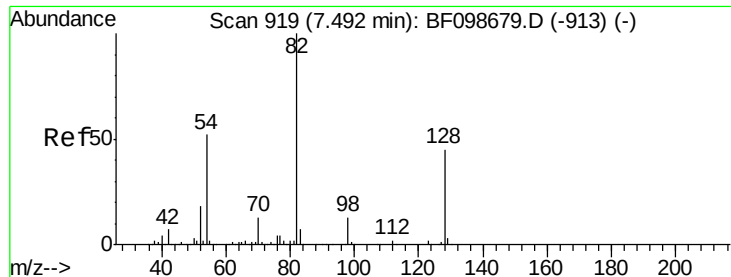
#22
Acetophenone
Concen: 36.19 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion:105	Resp:	555509
Ion Ratio	Lower	Upper
105	100	
71	9.2	4.4 6.6#
51	24.0	22.3 33.5
120	21.7	16.9 25.3



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

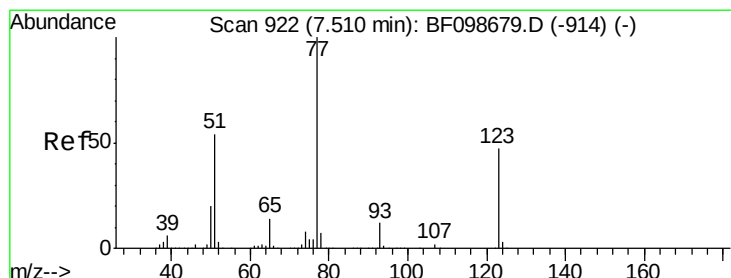
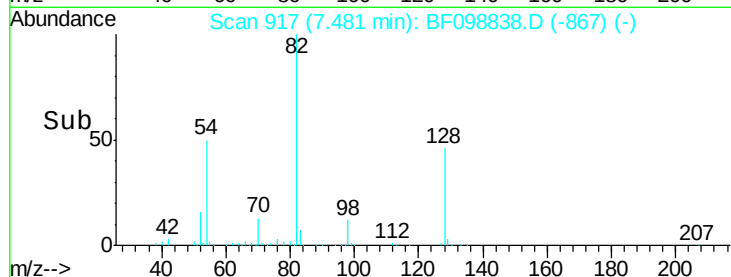
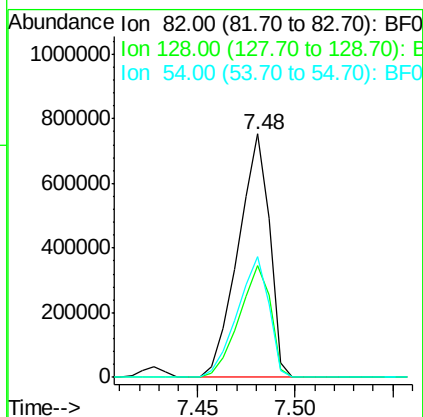
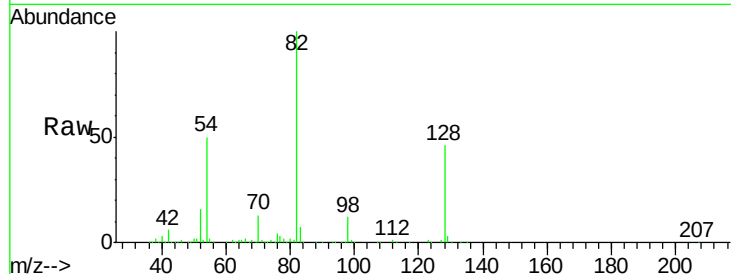




#23
 Nitrobenzene-d5
 Concen: 84.99 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

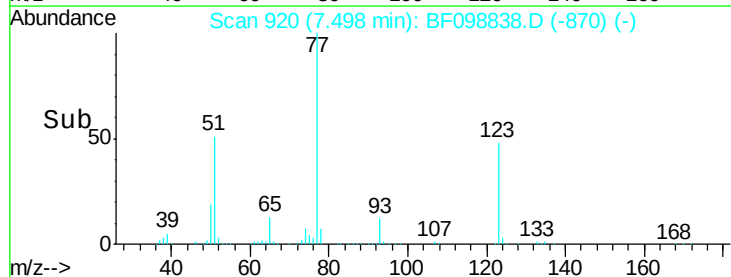
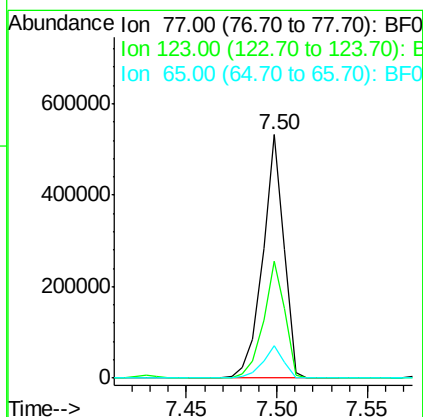
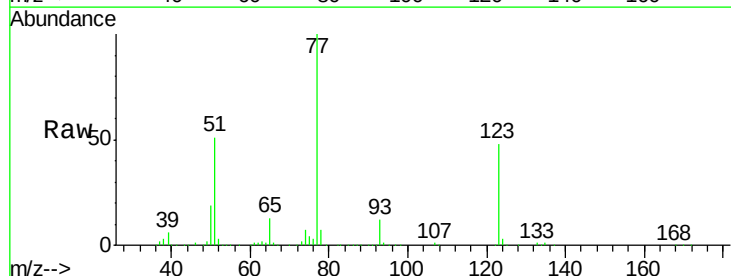
Instrument :
 BNA_F
 ClientSampleId :

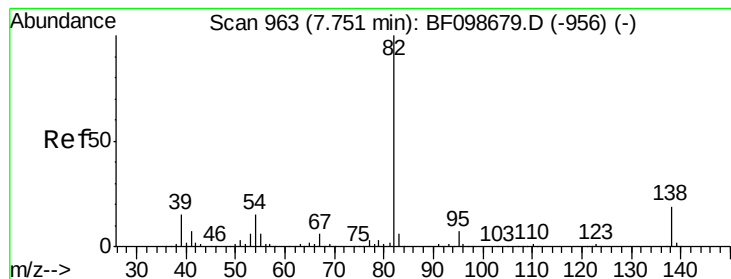
Tot Ion	82	Resp	839661
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	49.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	77	Resp	431555
Ion Ratio	100	Lower	Upper
123	47.8	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 38.38 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

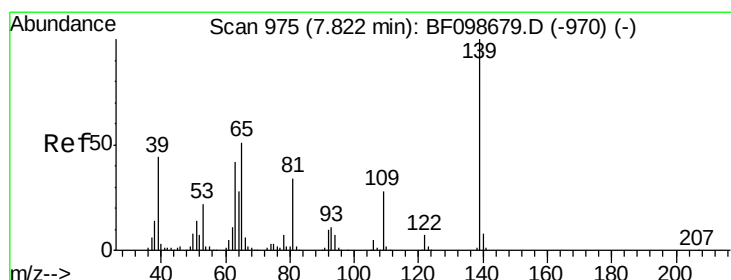
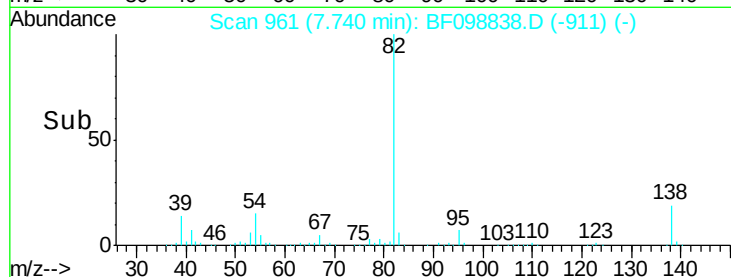
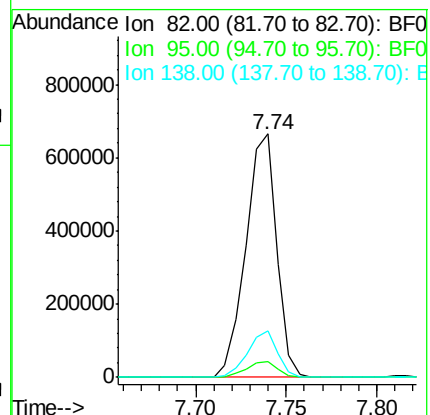
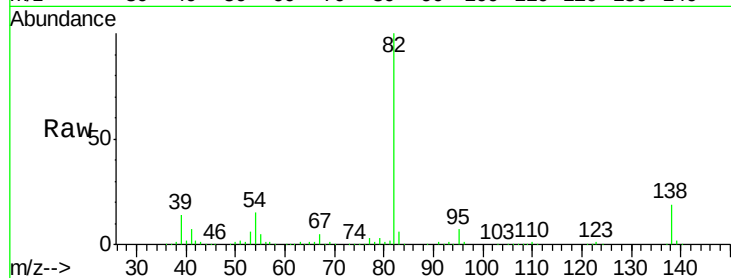
Tot Ion: 82 Resp: 784050

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 39.10 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

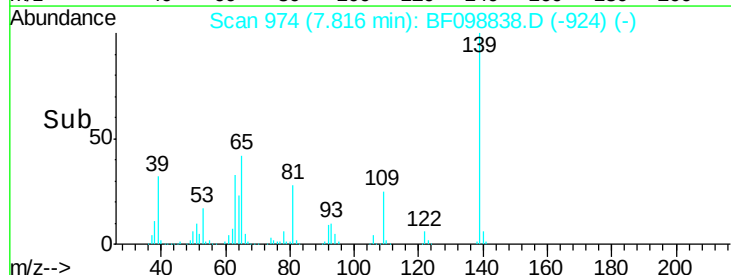
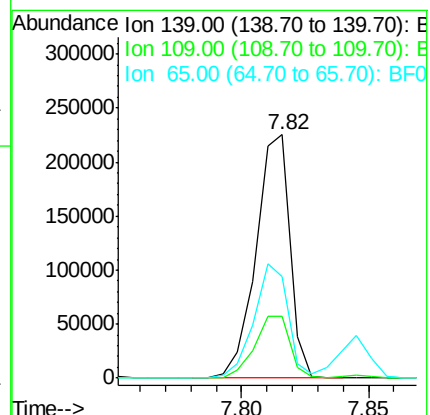
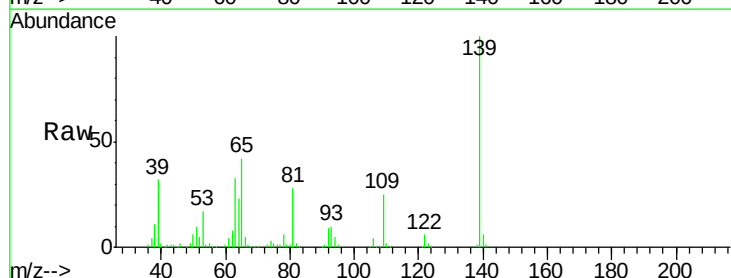
Tgt Ion: 139 Resp: 210703

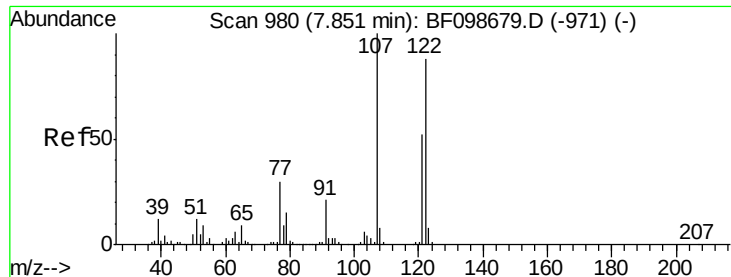
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 41.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.74 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

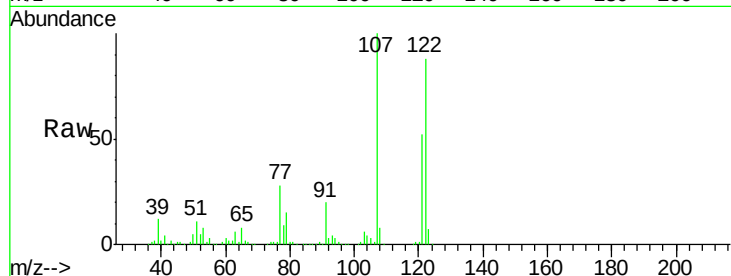
Tot Ion:122 Resp: 394312

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

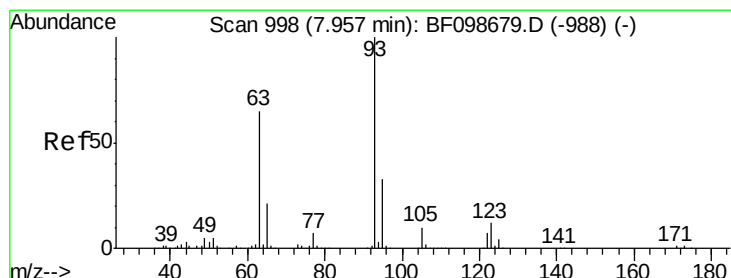
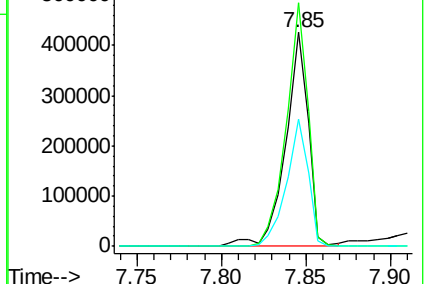
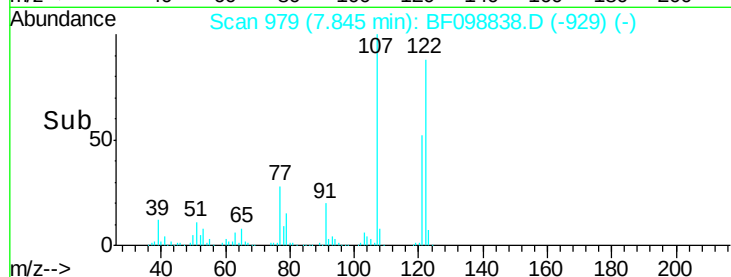
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.94 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

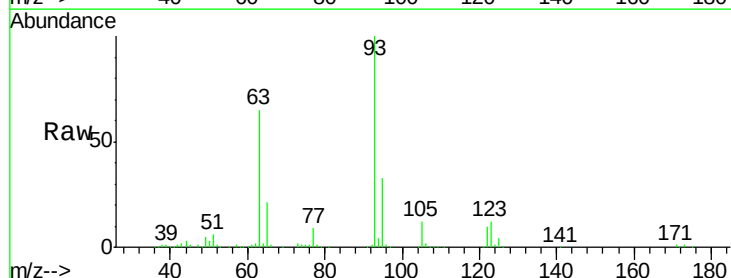
Tgt Ion: 93 Resp: 508363

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

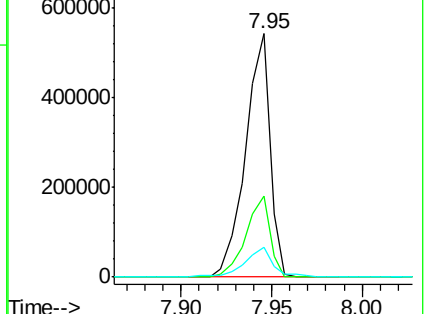
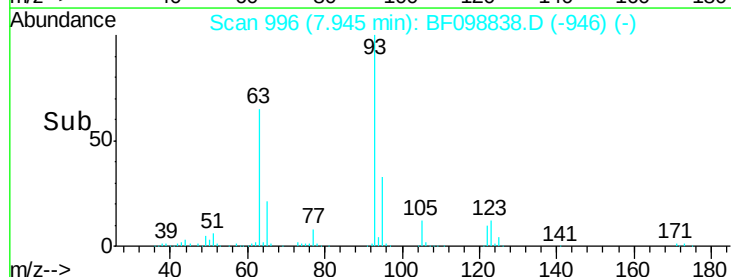
123 12.3 9.8 14.6

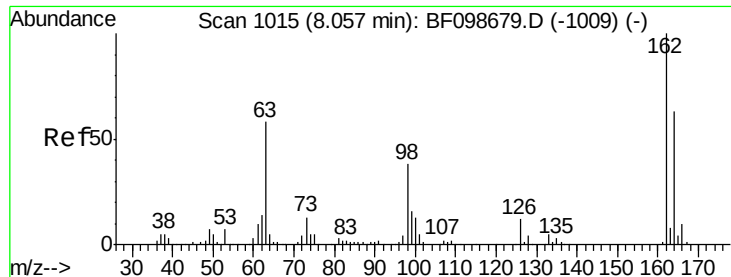


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

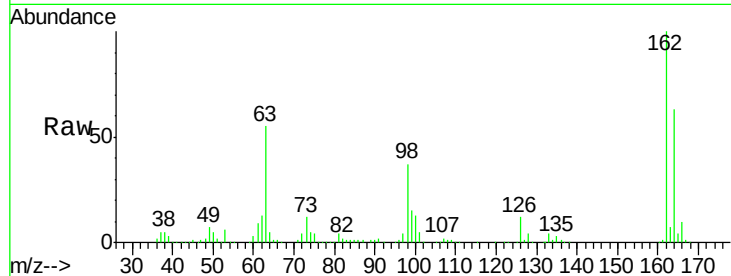




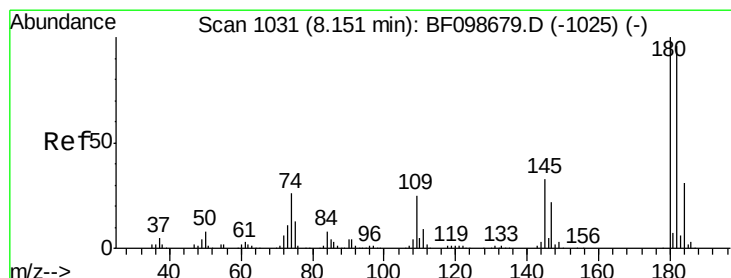
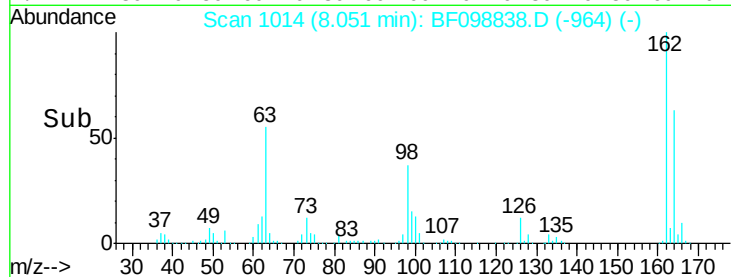
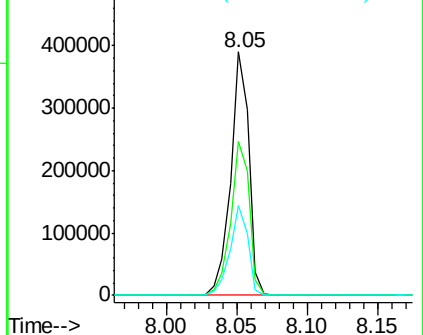
#29
 2,4-Dichlorophenol
 Concen: 39.87 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	36.9	18.1	58.1

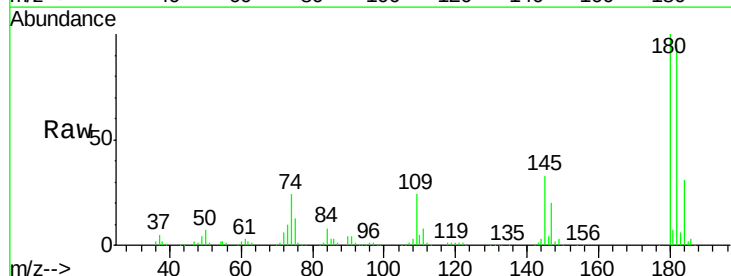


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

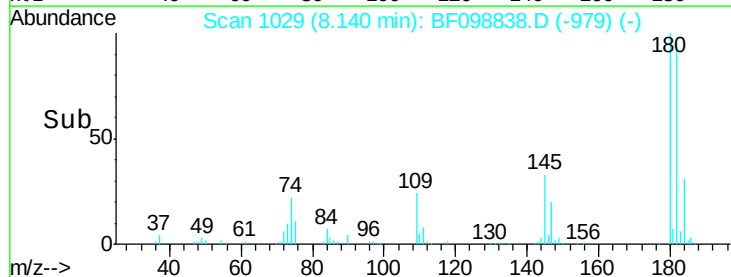
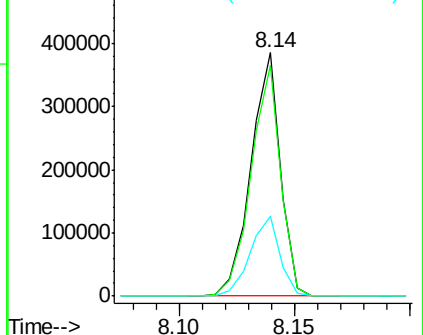


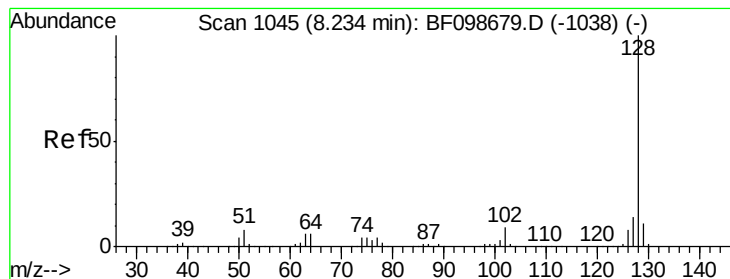
#30
 1,2,4-Trichlorobenzene
 Concen: 39.26 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	33.0	26.5	39.7



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





#31

Naphthalene

Concen: 38.75 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

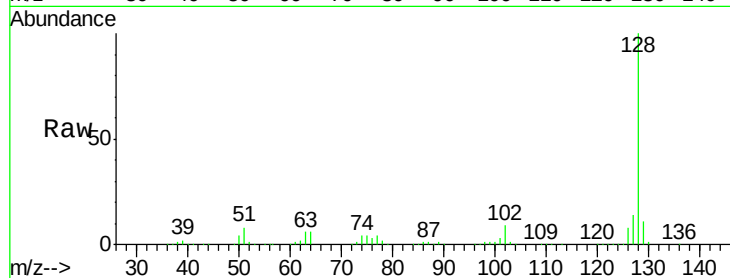
Tot Ion:128 Resp: 1152995

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

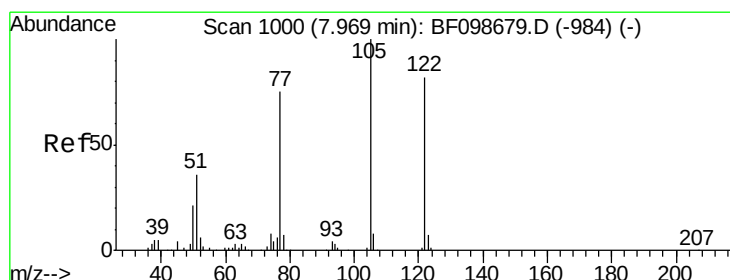
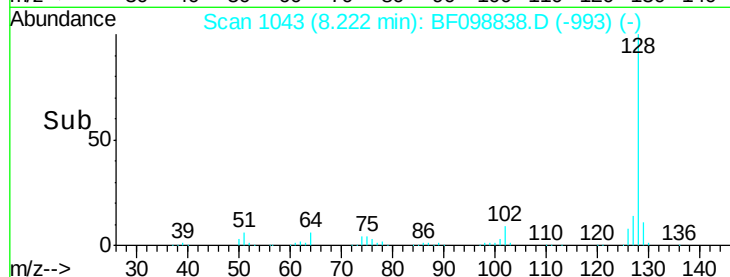
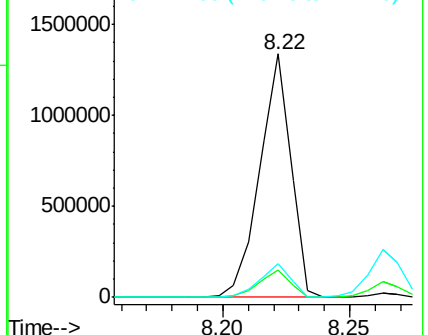
127 13.7 10.9 16.3



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: 28.84 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

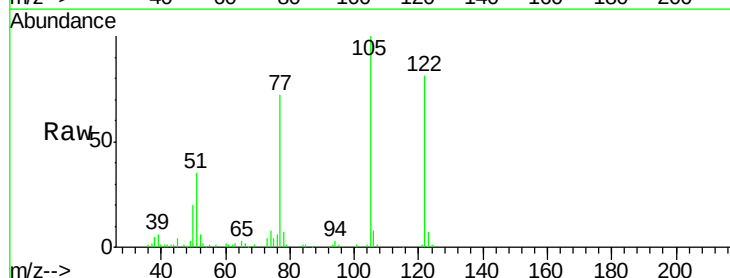
Tgt Ion:122 Resp: 241117

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

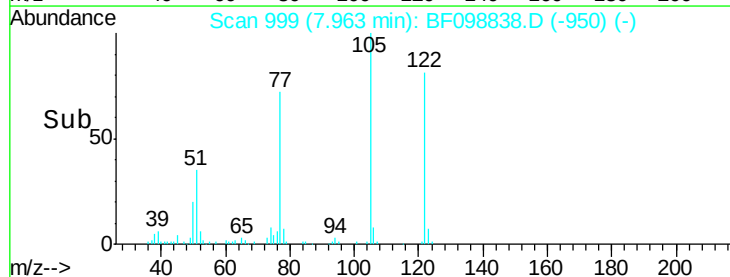
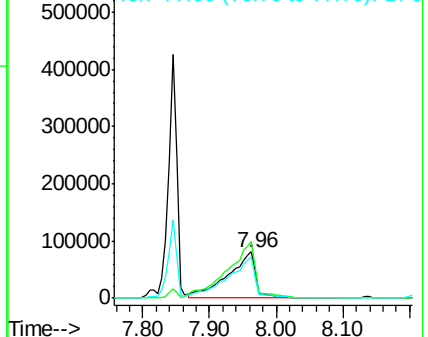
77 89.0 70.7 110.7

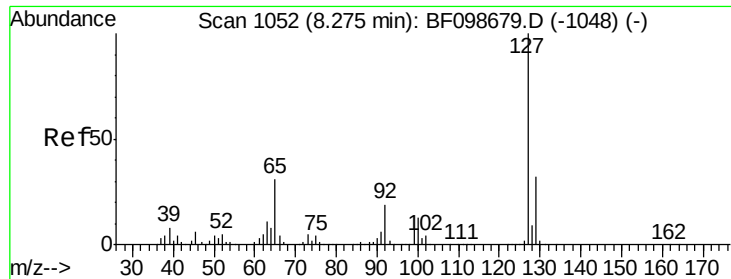


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

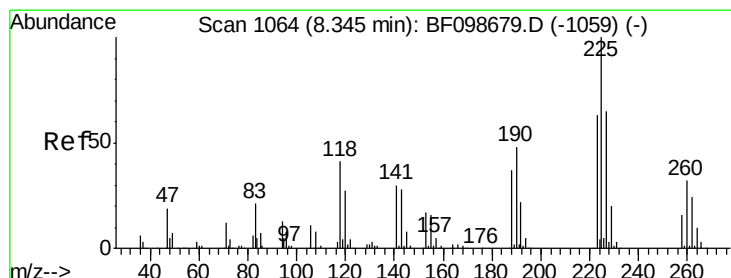
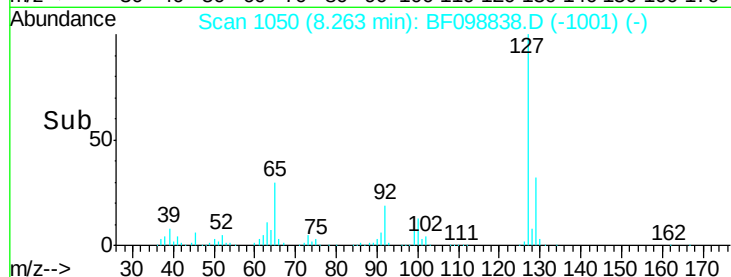
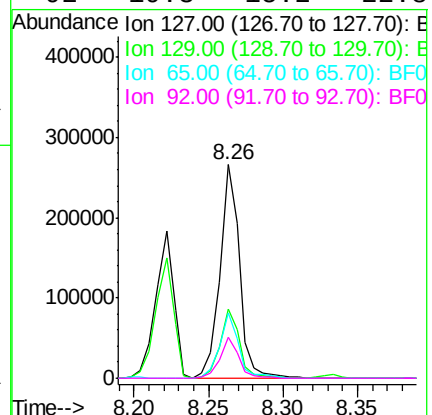
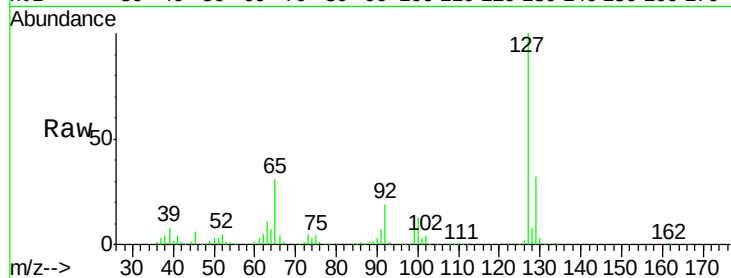




#33
4-Chloroaniline
Concen: 19.71 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

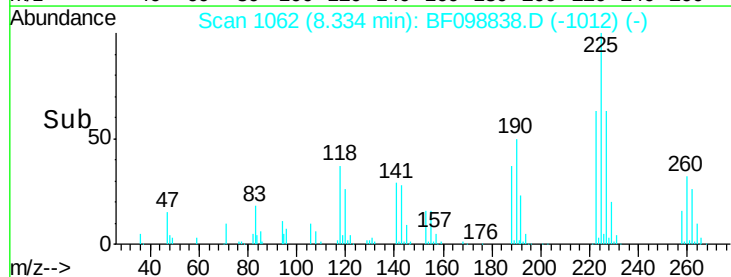
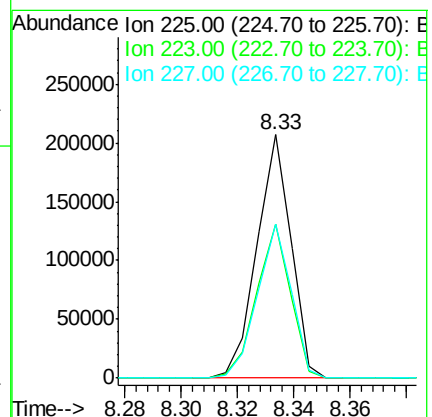
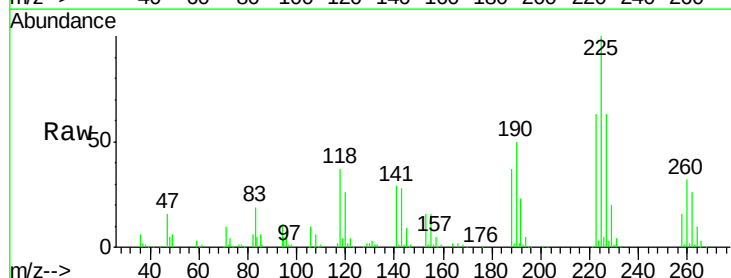
Instrument :
BNA_F
ClientSampleId :

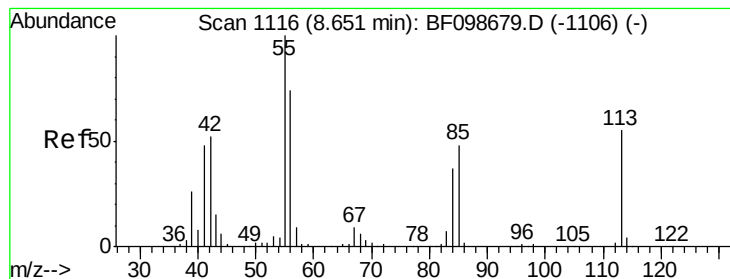
Tot Ion:	127	Resp:	244915
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.6	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.50 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion:	225	Resp:	173289
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 39.99 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

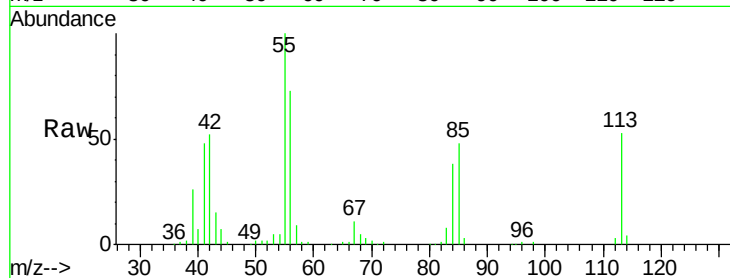
Tot Ion:113 Resp: 112084

Ion Ratio Lower Upper

113 100

55 187.7 163.3 203.3

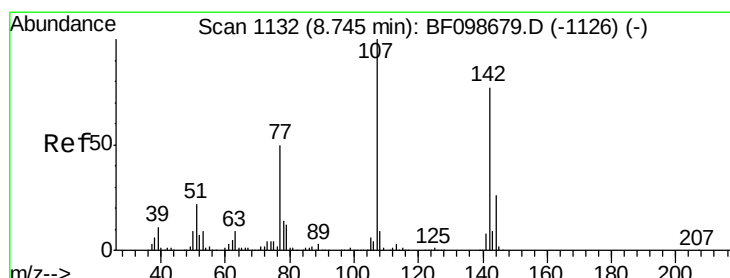
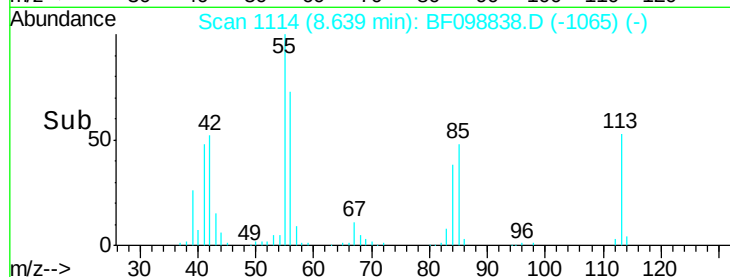
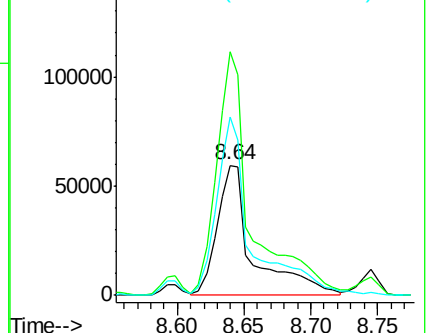
56 137.5 115.7 155.7



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: 38.21 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

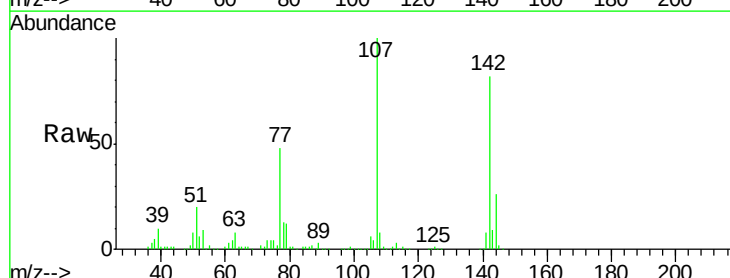
Tgt Ion:107 Resp: 375291

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

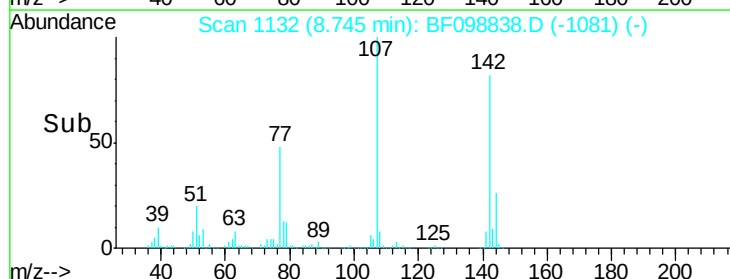
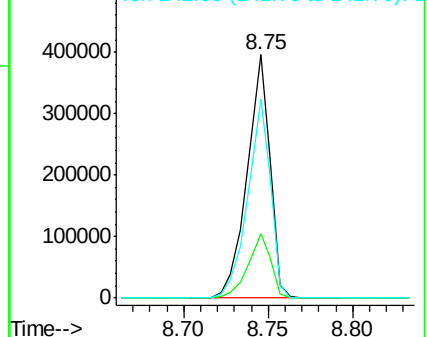
142 81.7 62.0 93.0

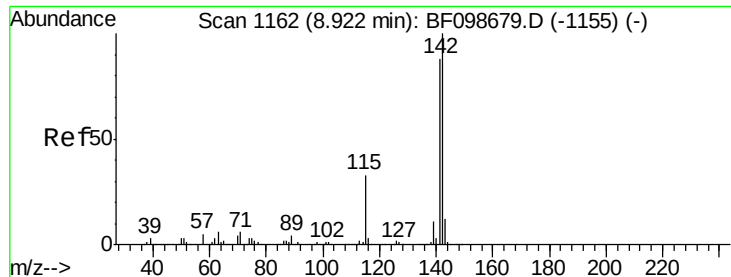


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

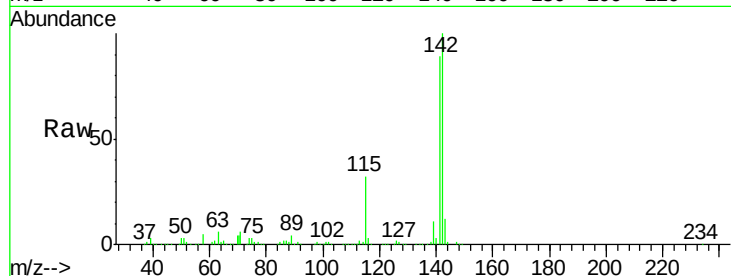




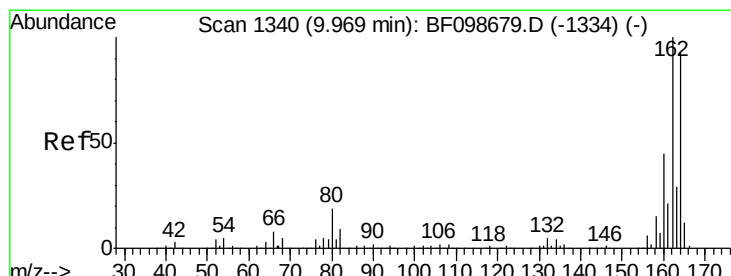
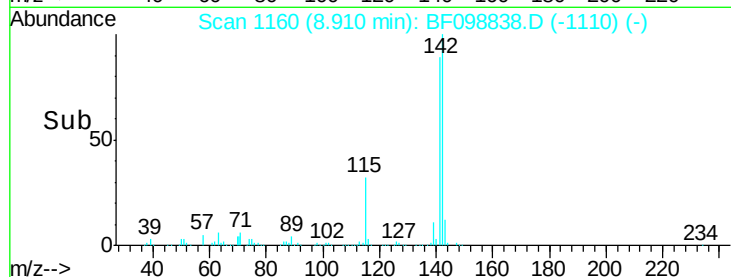
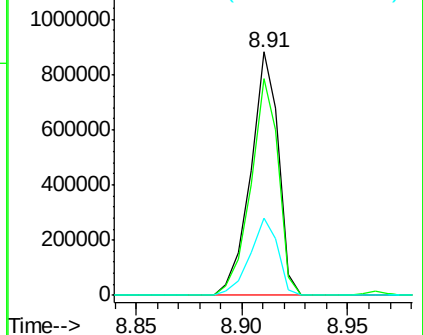
#37
2-Methylnaphthalene
Concen: 41.69 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.8	26.1	39.1

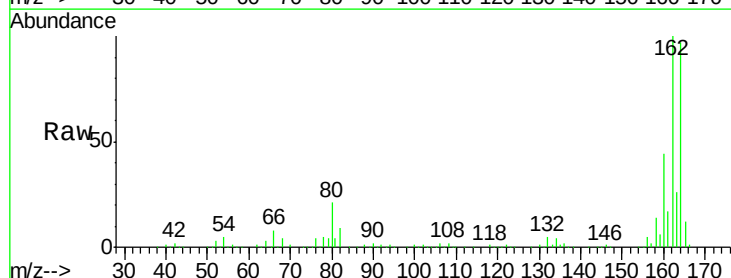


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

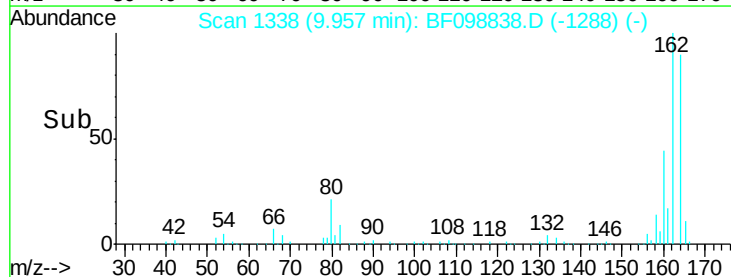
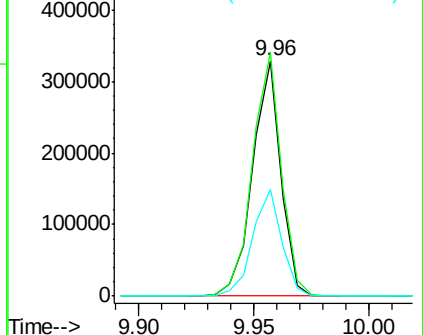


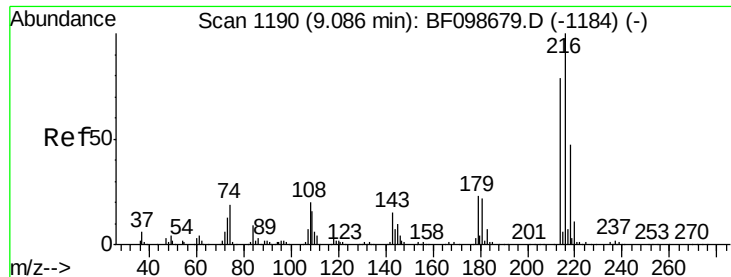
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.3	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: 37.63 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 315609

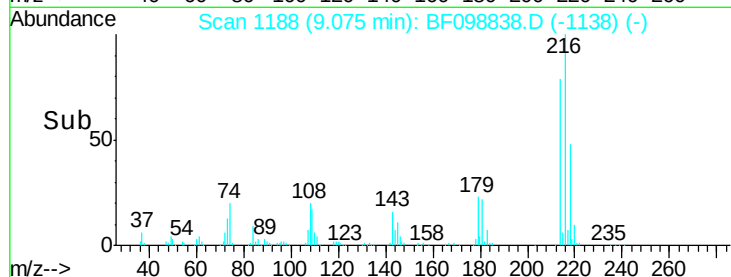
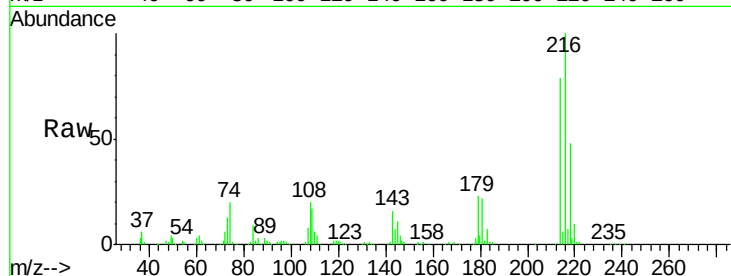
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.7 18.1 27.1

108 20.1 17.2 25.8

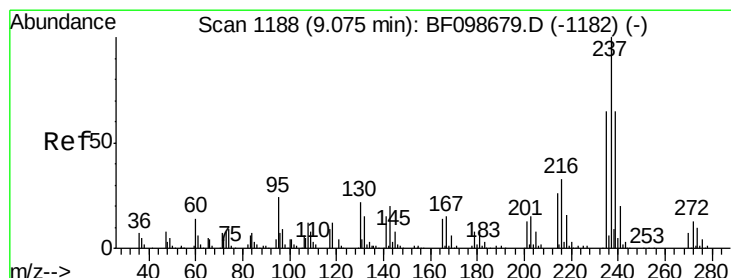
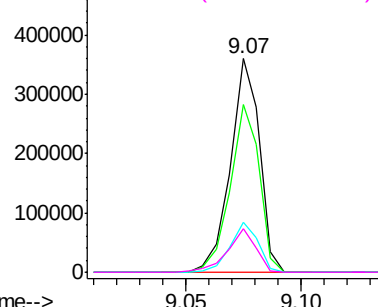


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 21.43 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

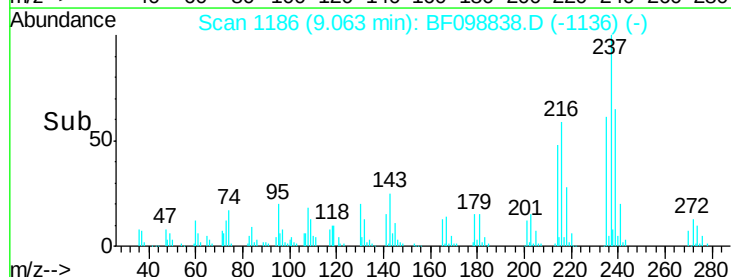
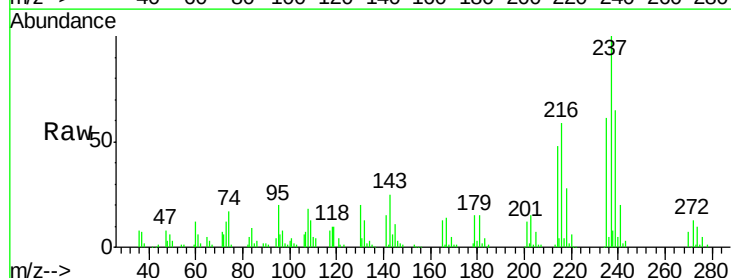
Tgt Ion:237 Resp: 82127

Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

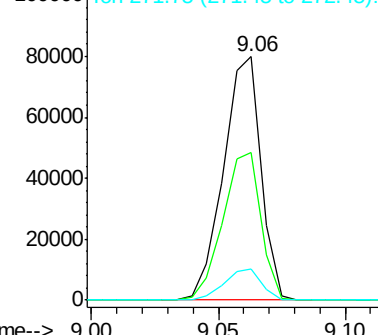
272 12.8 0.0 33.3

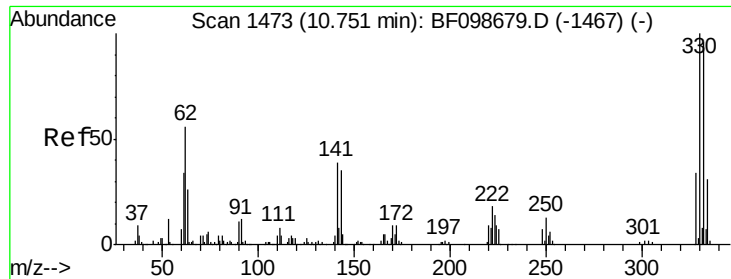


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

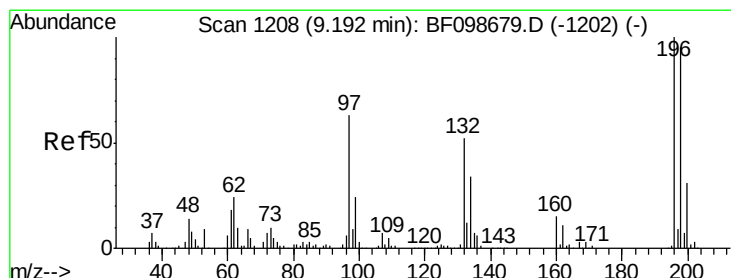
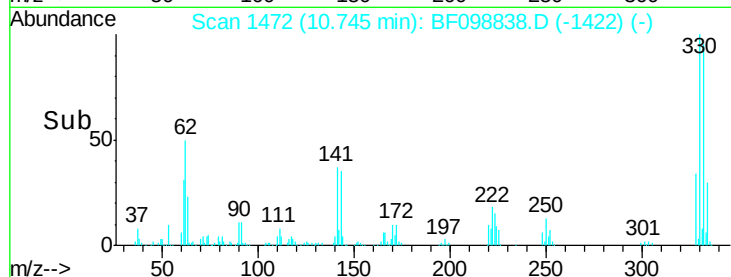
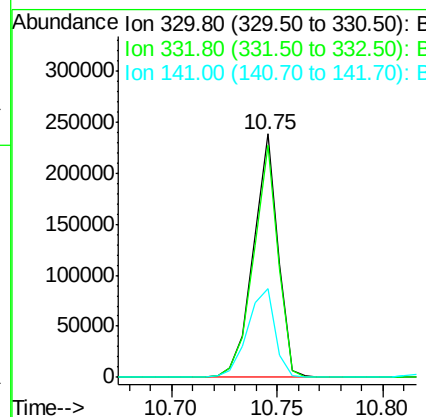
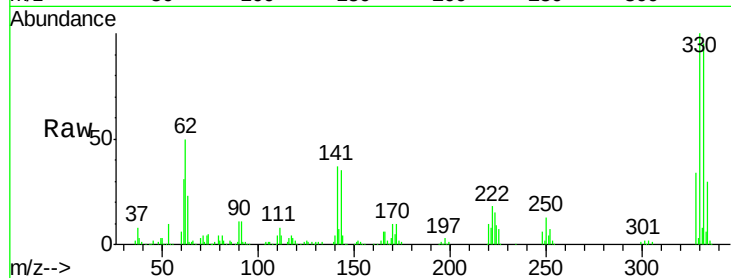




#41
 2,4,6-Tribromophenol
 Concen: 84.26 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

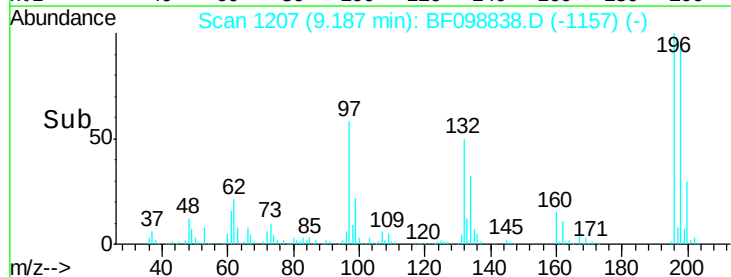
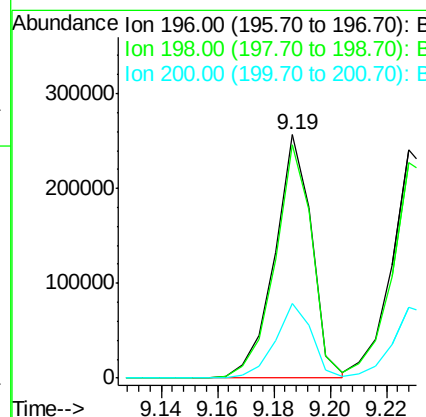
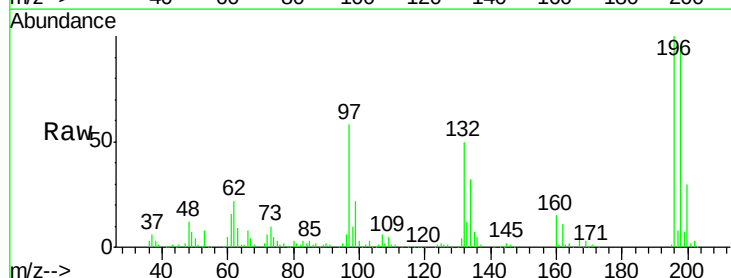
Instrument :
 BNA_F
 ClientSampleId :

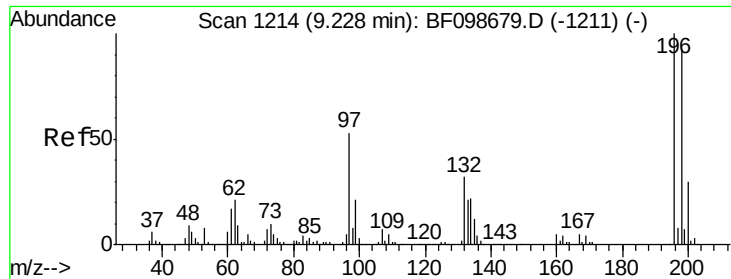
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	40.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.17 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.4	24.5	36.7

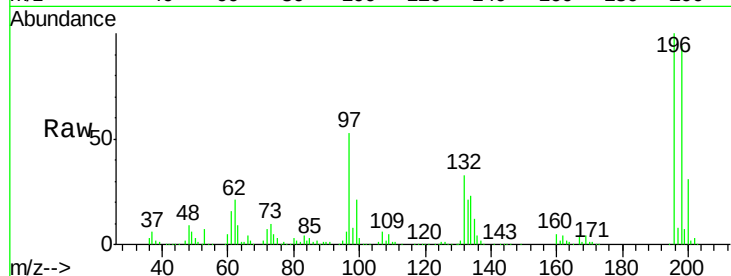




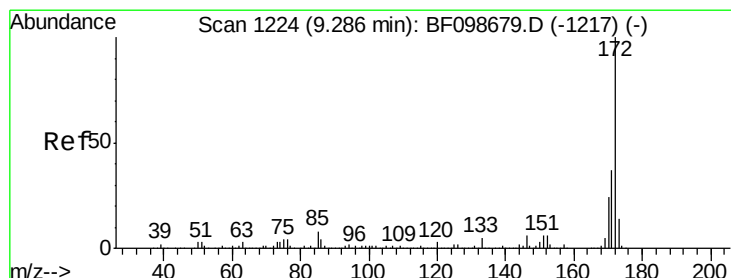
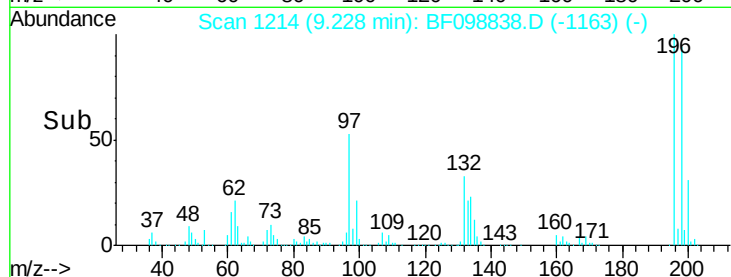
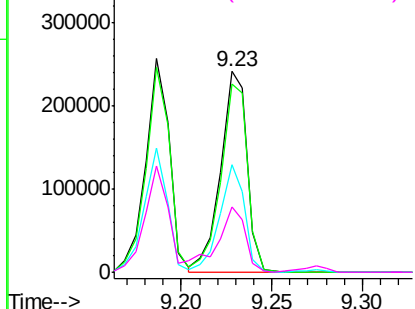
#43
 2,4,5-Trichlorophenol
 Concen: 41.34 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	245194
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	53.3	42.9	64.3
132	32.6	26.3	39.5

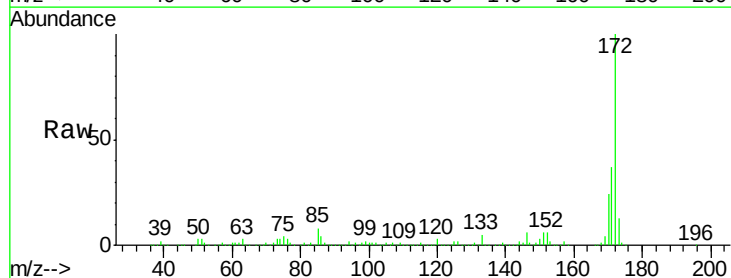


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

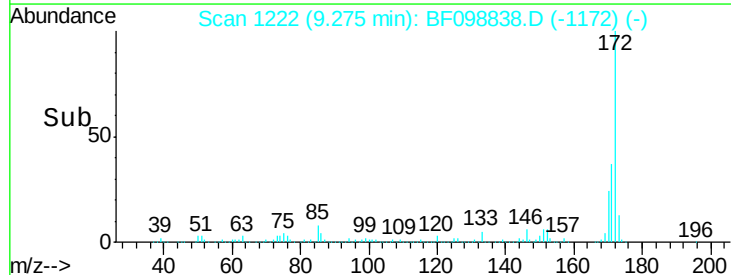
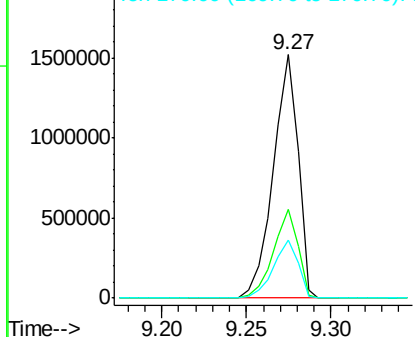


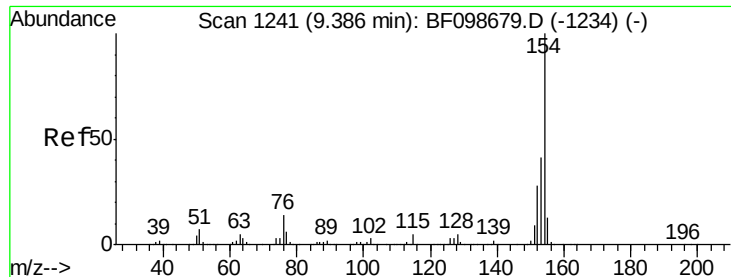
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion:	172	Resp:	1525269
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	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: 38.29 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

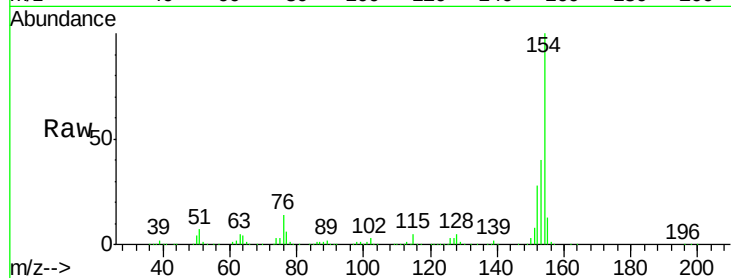
Tot Ion:154 Resp: 925595

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

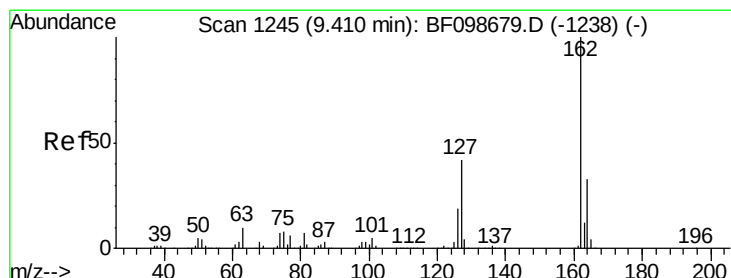
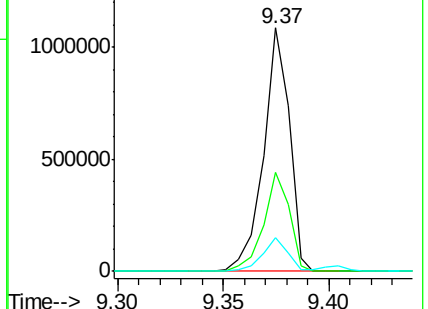
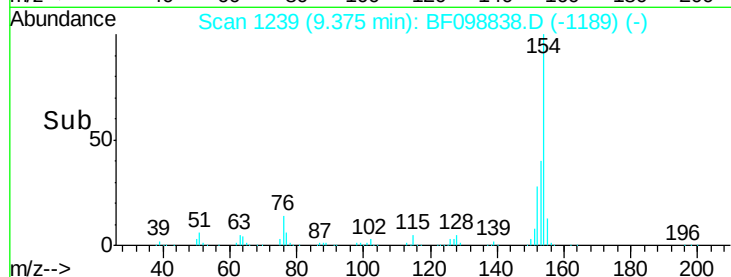
76 14.0 0.0 34.0



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): E



#46

2-Chloronaphthalene

Concen: 39.69 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

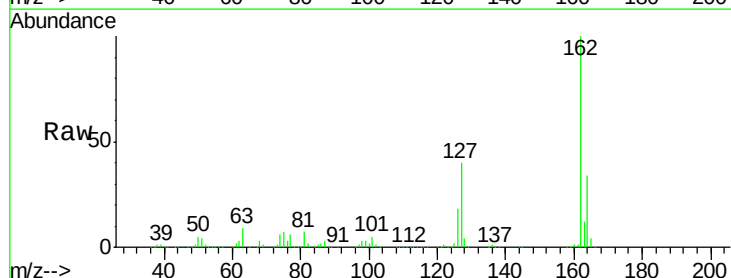
Tgt Ion:162 Resp: 720307

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

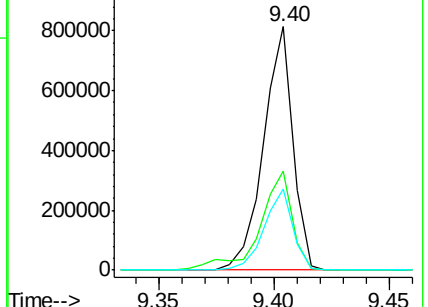
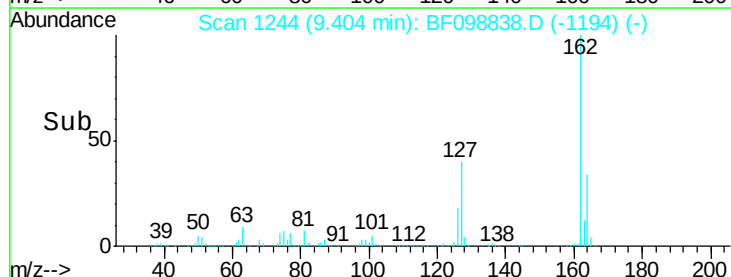
164 33.5 26.5 39.7

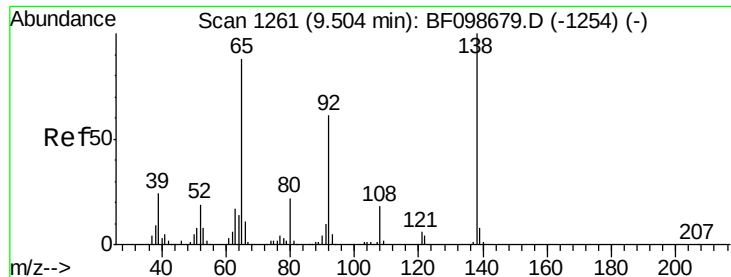


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.10 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

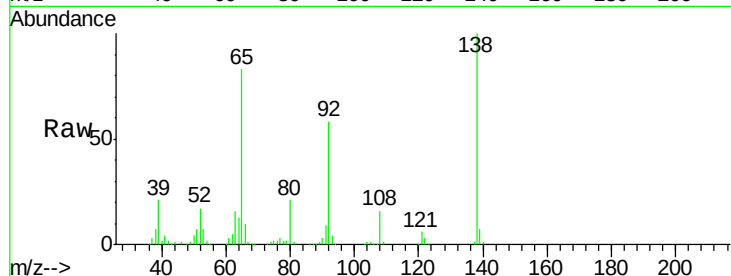
Tot Ion: 65 Resp: 233948

Ion Ratio Lower Upper

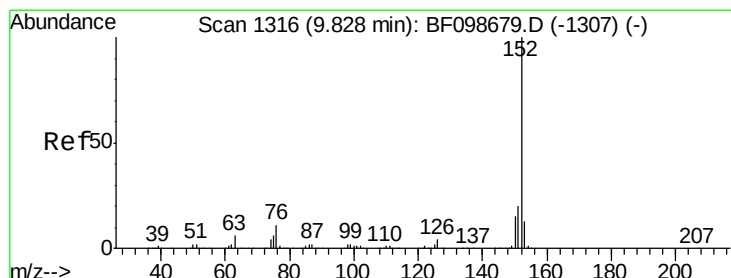
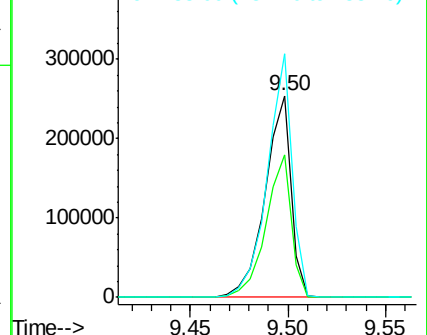
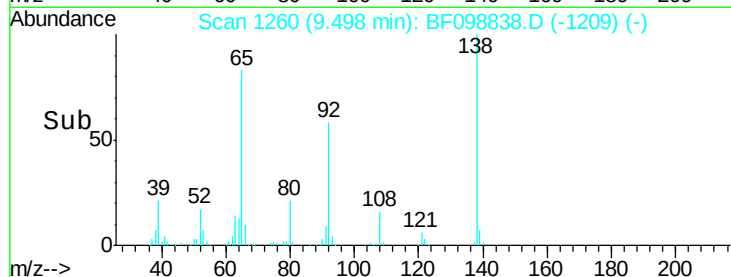
65 100

92 70.4 55.8 83.6

138 120.5 91.2 136.8



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



#48

Acenaphthylene

Concen: 39.51 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

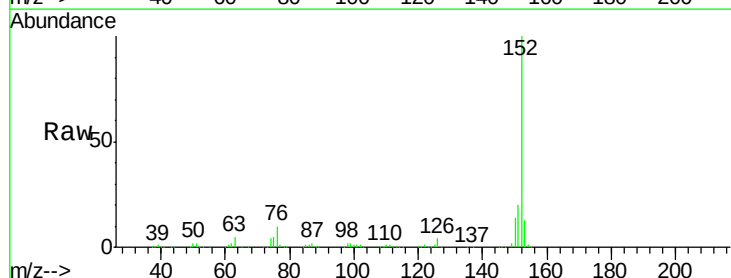
Tgt Ion: 152 Resp: 1097682

Ion Ratio Lower Upper

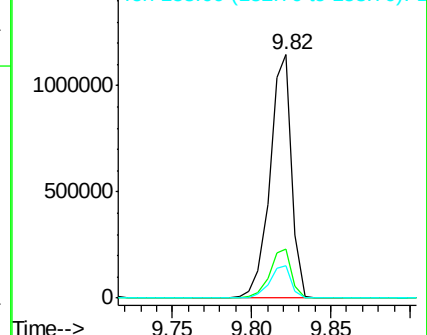
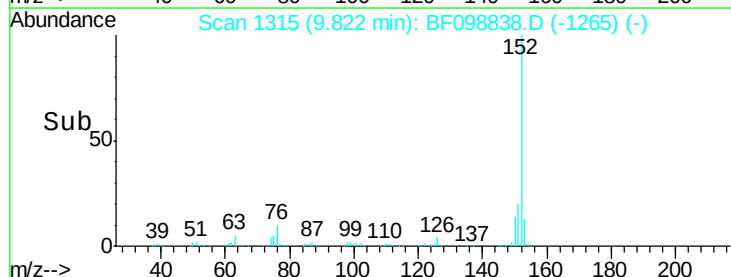
152 100

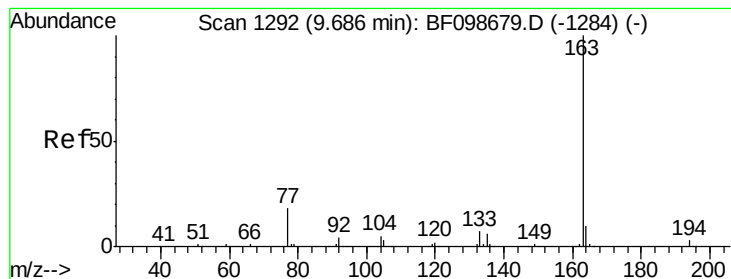
151 20.4 16.3 24.5

153 13.3 10.7 16.1



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





#49

Dimethylphthalate

Concen: 41.20 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

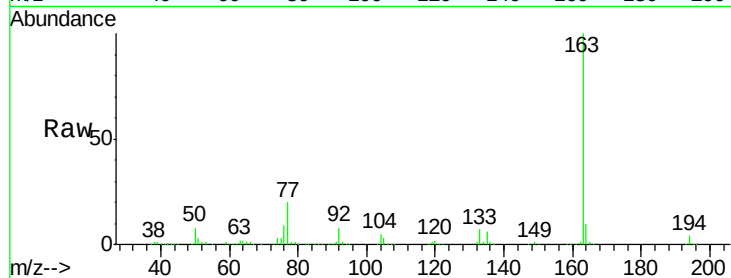
Tot Ion:163 Resp: 874568

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

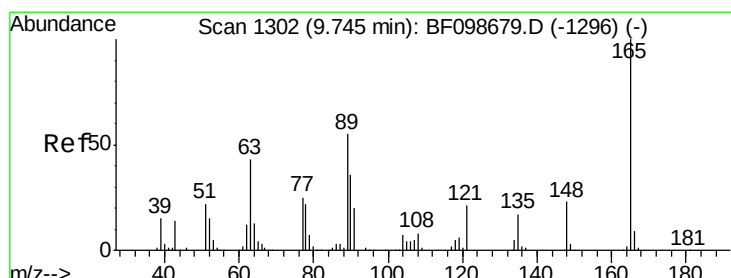
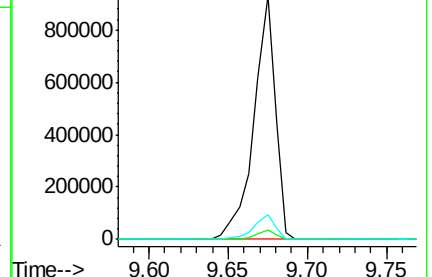
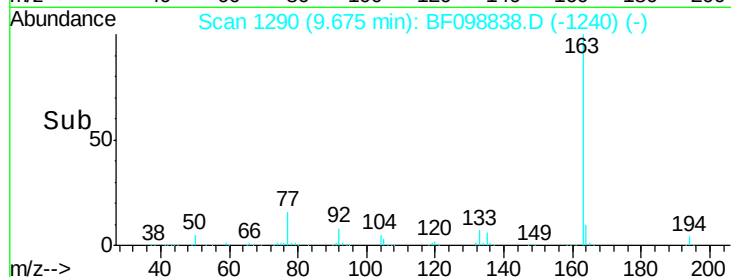
164 10.3 8.2 12.2



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: 40.85 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

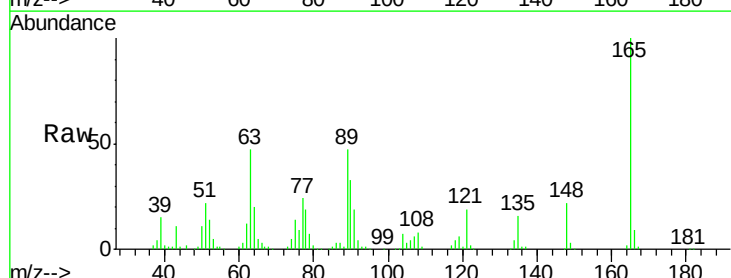
Tgt Ion:165 Resp: 188788

Ion Ratio Lower Upper

165 100

63 46.7 44.7 67.1

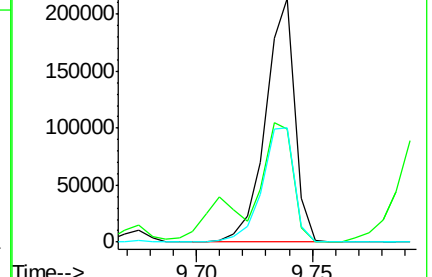
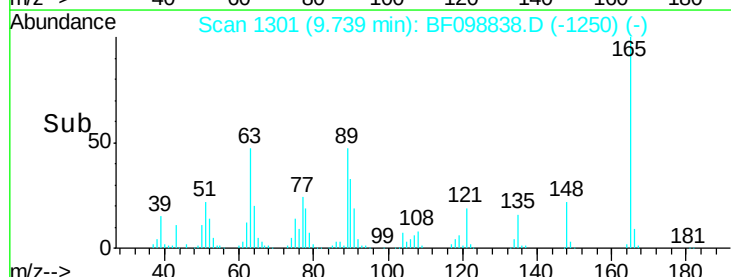
89 47.1 44.0 66.0

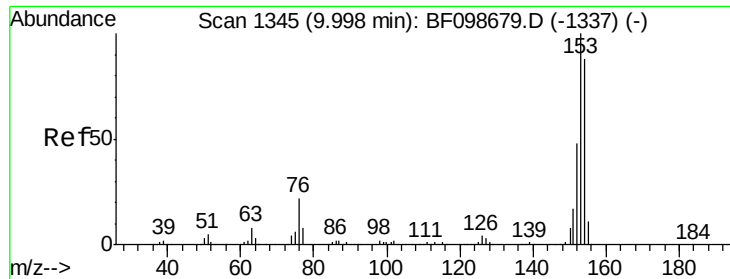


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.34 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

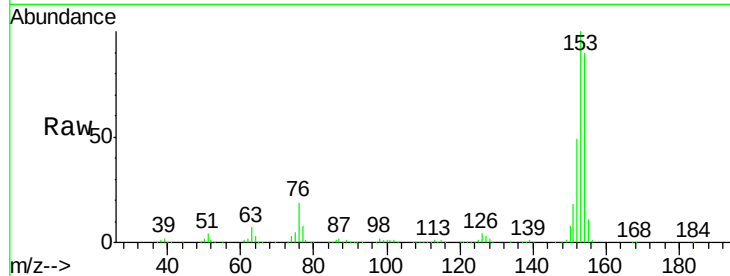
Tot Ion:154 Resp: 657057

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

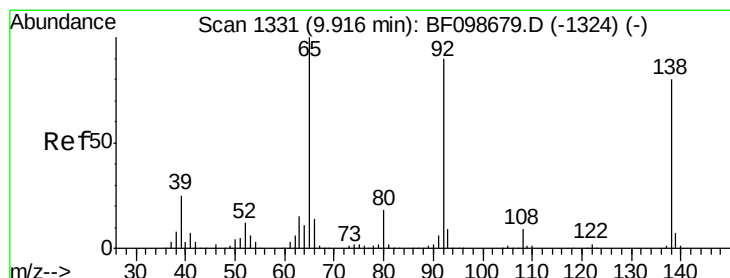
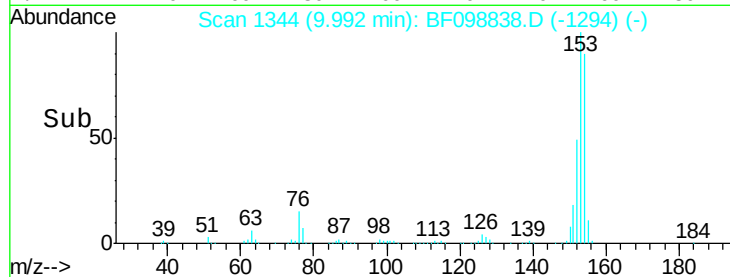
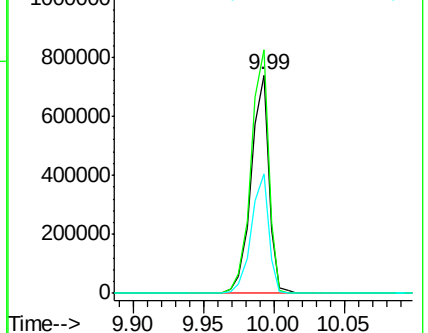
152 54.6 43.8 65.8



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: 28.01 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

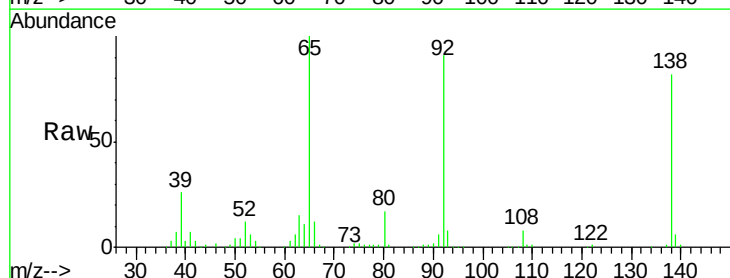
Tgt Ion:138 Resp: 150904

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

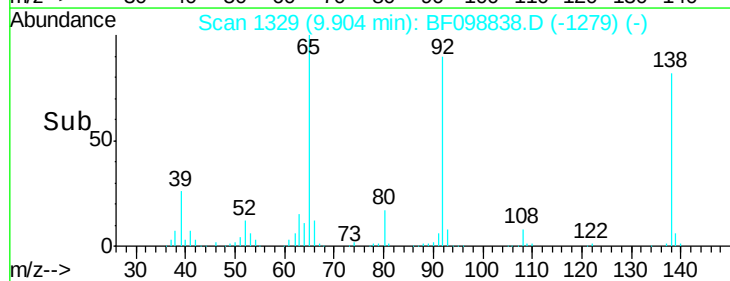
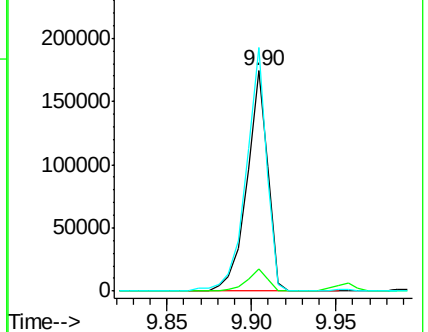
92 110.5 89.4 134.2

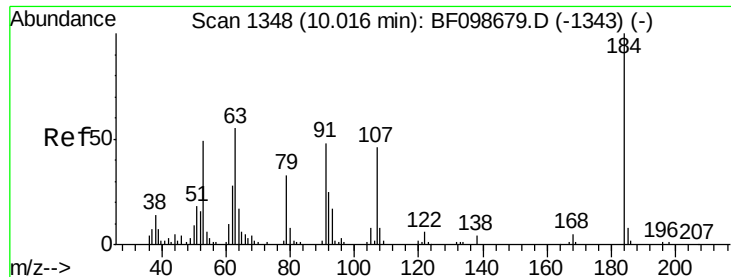


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

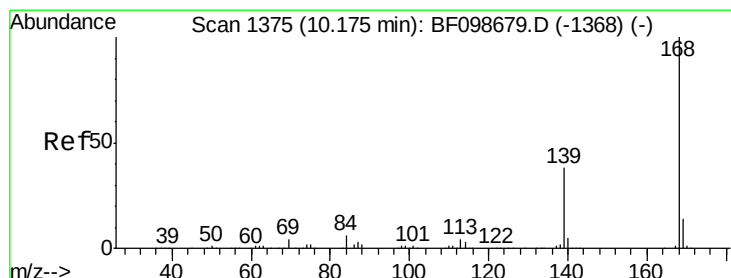
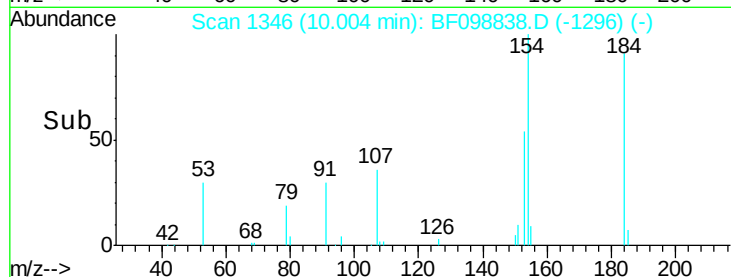
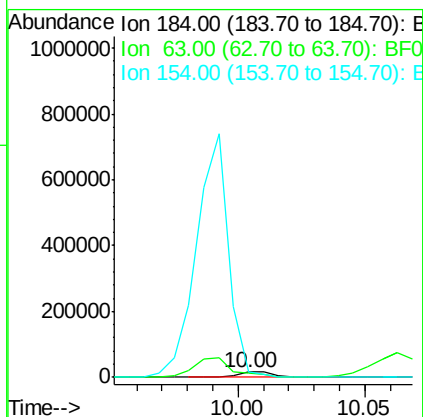
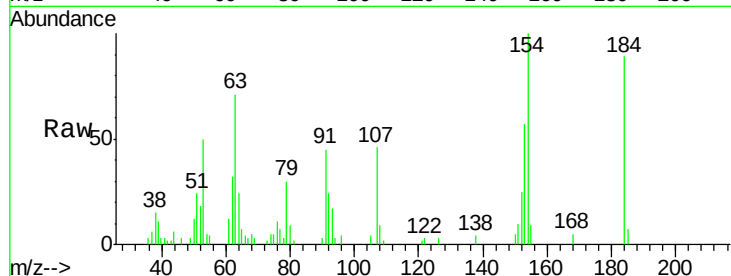




#53
 2,4-Dinitrophenol
 Concen: 11.67 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

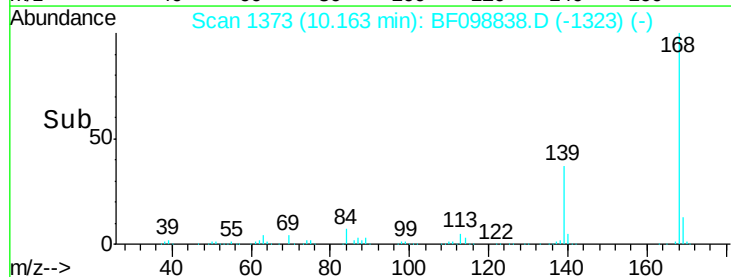
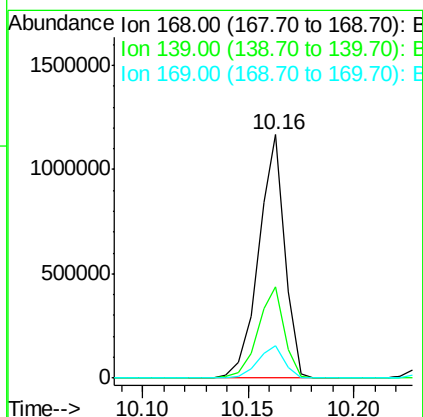
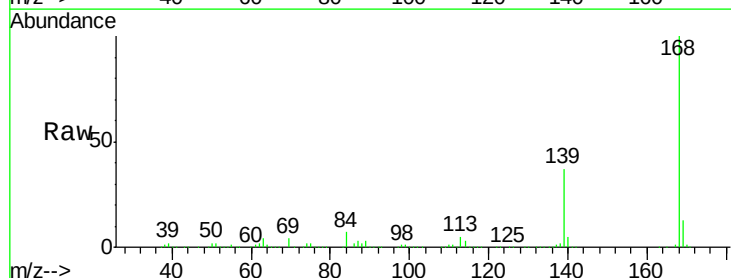
Instrument :
 BNA_F
 ClientSampled :

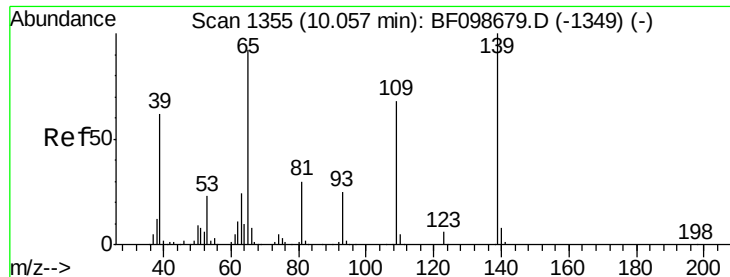
Tot Ion:184 Resp: 15165
 Ion Ratio Lower Upper
 184 100
 63 79.6 54.2 81.2
 154 112.8 53.5 80.3#



#54
 Dibenzofuran
 Concen: 42.64 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion:168 Resp: 999045
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.4 10.9 16.3

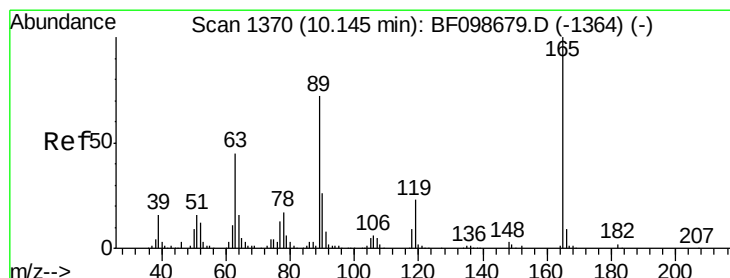
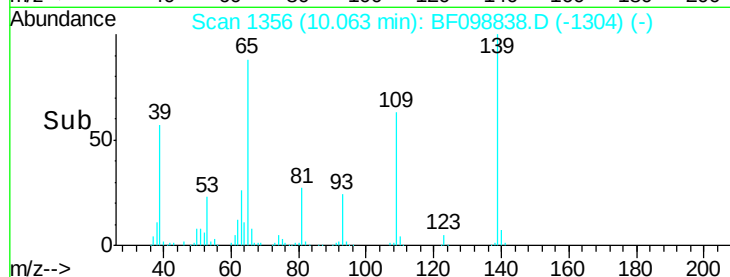
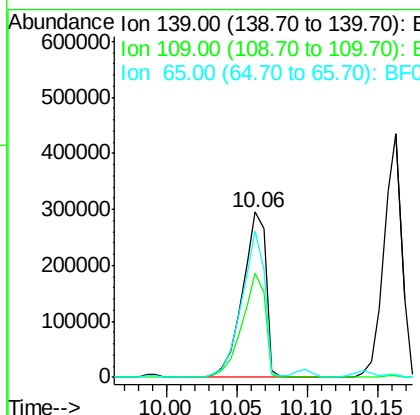
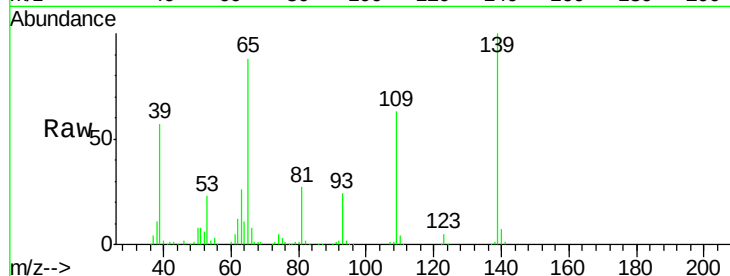




#55
4-Nitrophenol
Concen: 74.64 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

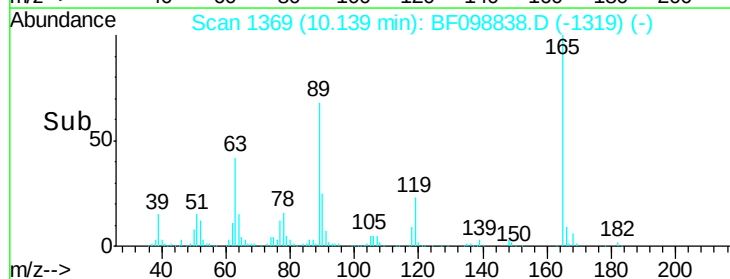
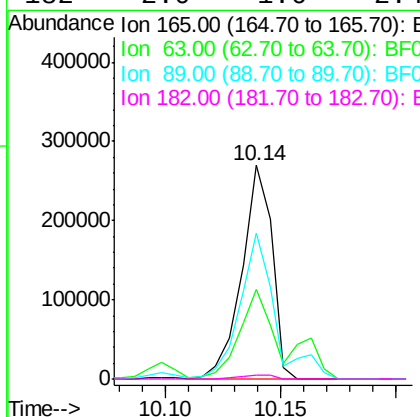
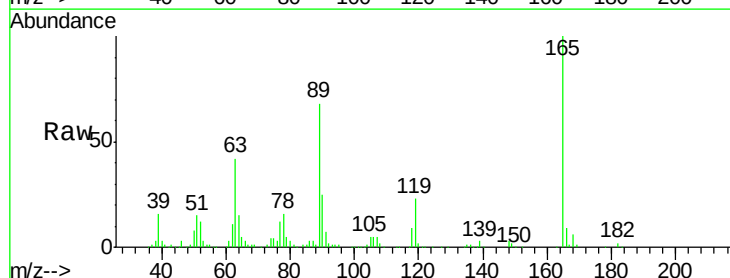
Instrument :
BNA_F
ClientSampleId :

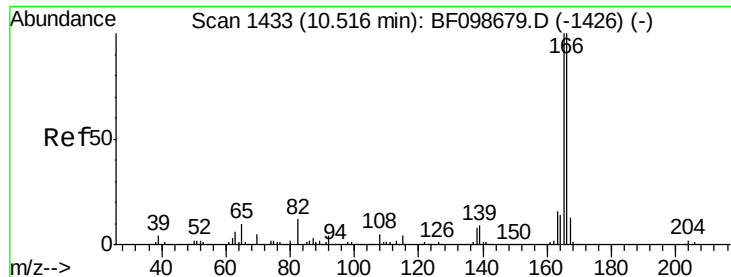
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.2	48.4	88.4
65	88.5	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 41.31 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	36.4	54.6
89	68.4	57.8	86.6
182	2.0	1.6	2.4





#57

Fluorene

Concen: 39.98 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

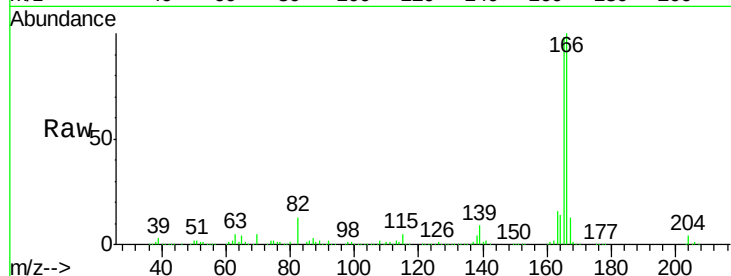
Tot Ion:166 Resp: 753062

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

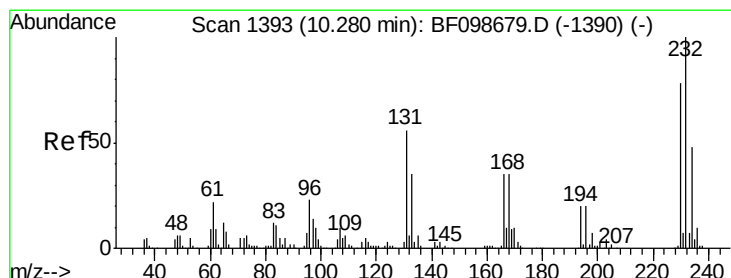
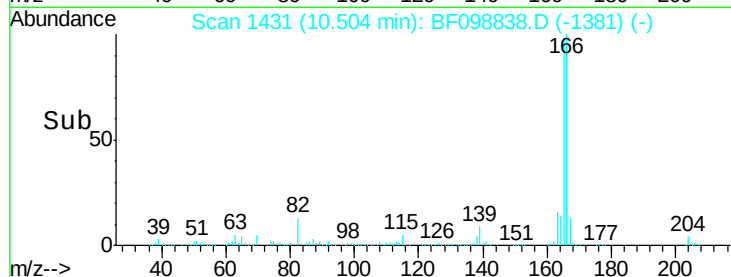
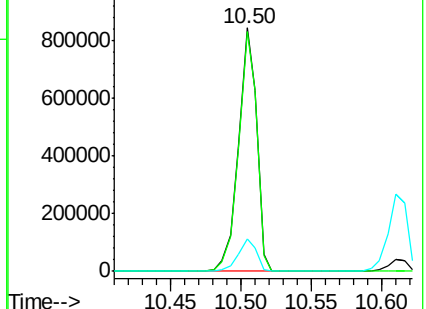
167 13.5 10.6 16.0



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: 42.75 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:232 Resp: 175156

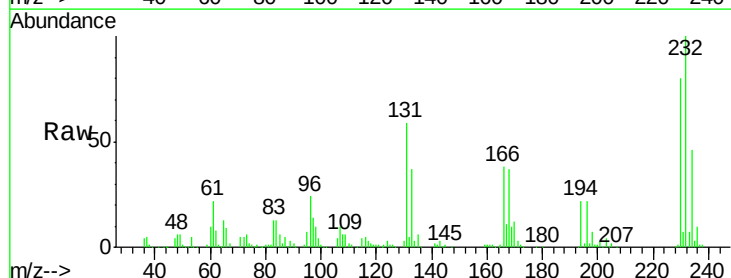
Ion Ratio Lower Upper

232 100

131 54.9 43.8 65.8

130 2.7 2.1 3.1

166 36.3 27.8 41.6

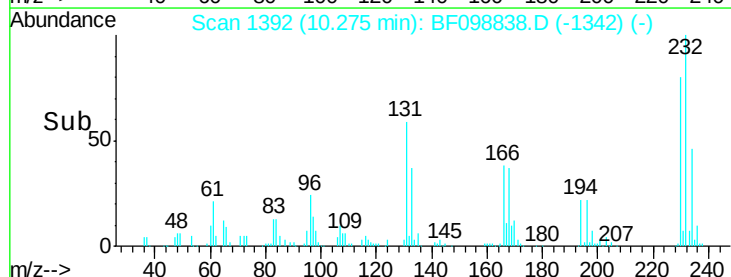
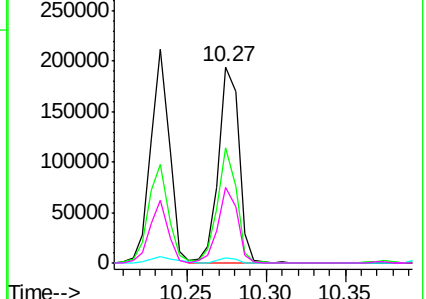


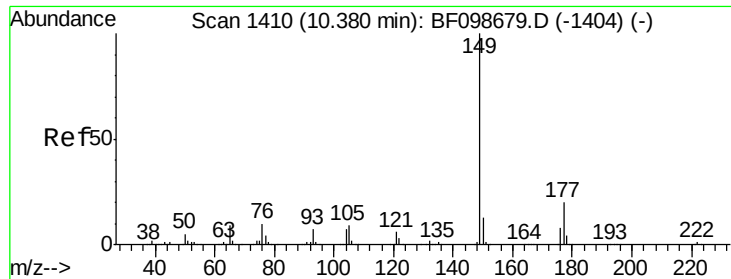
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.10 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

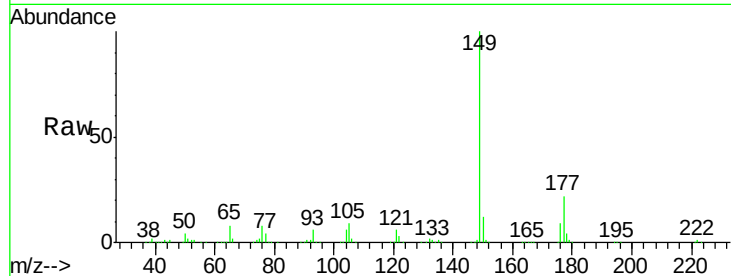
Tot Ion:149 Resp: 852548

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

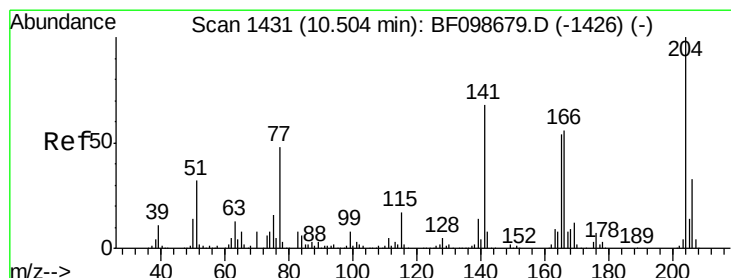
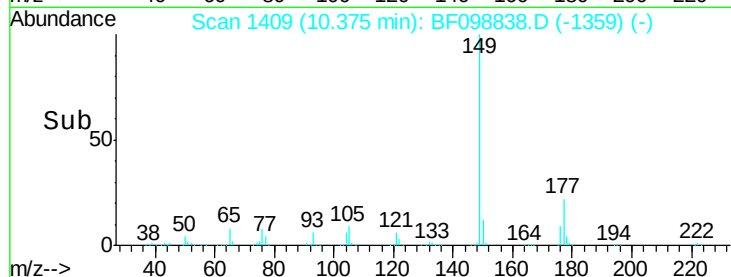
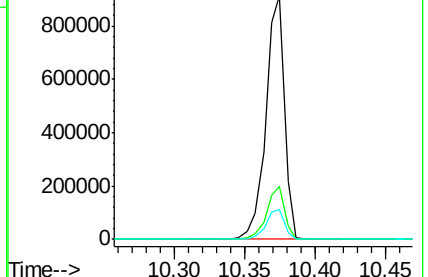
150 12.2 10.1 15.1



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: 40.81 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

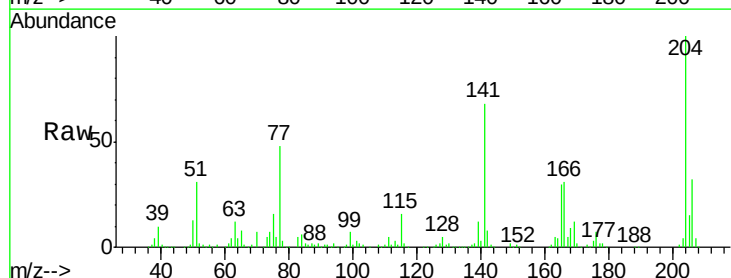
Tgt Ion:204 Resp: 345227

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

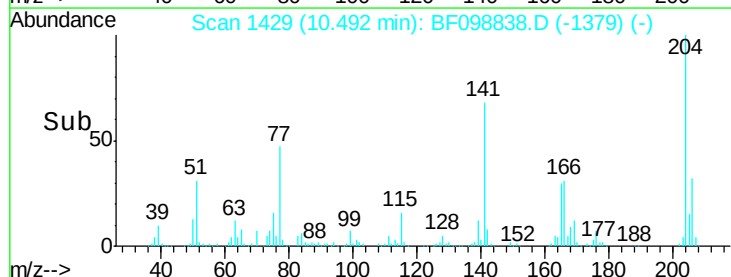
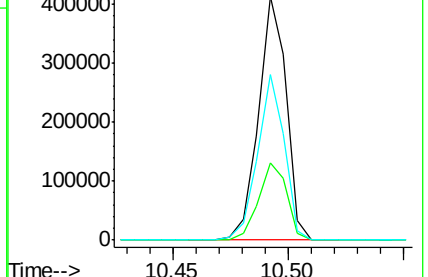
141 68.0 54.6 81.8

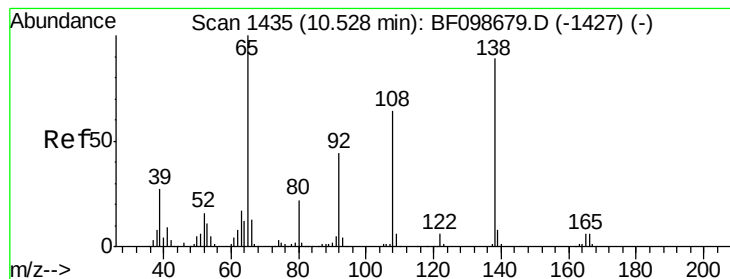


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.74 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

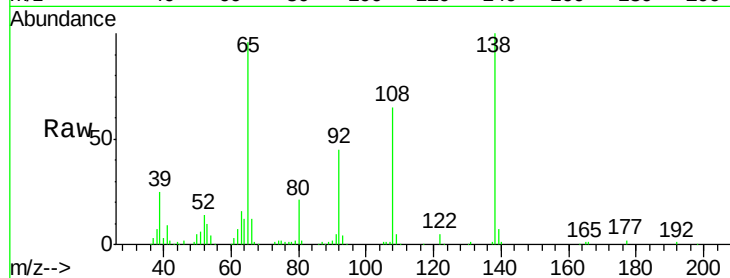
Tot Ion:138 Resp: 180613

Ion Ratio Lower Upper

138 100

92 44.7 30.2 70.2

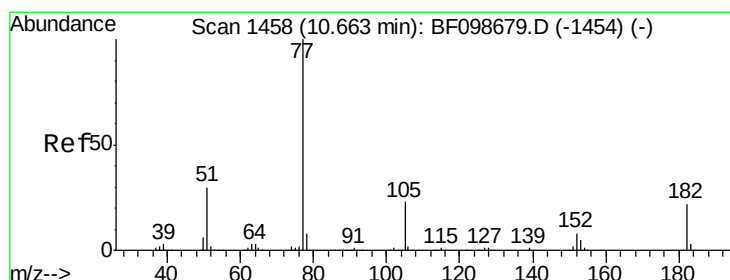
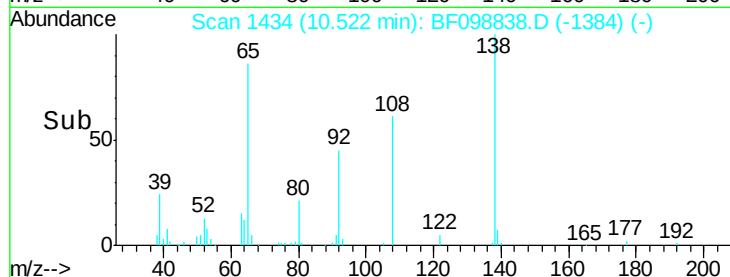
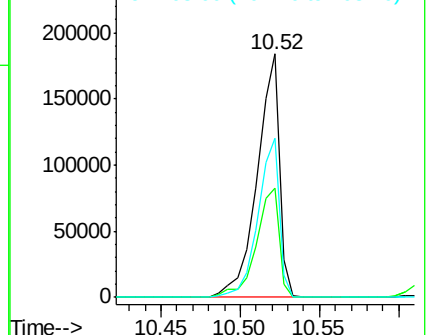
108 65.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.28 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion: 77 Resp: 806324

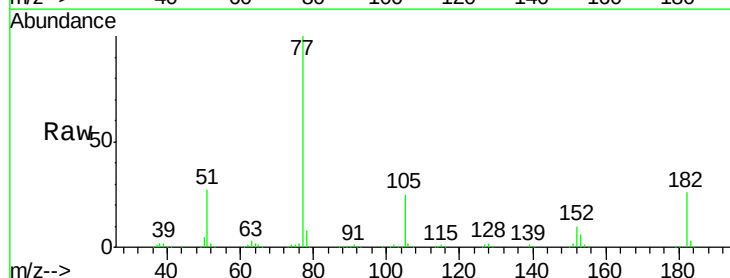
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 25.1 3.0 43.0

51 27.2 9.9 49.9

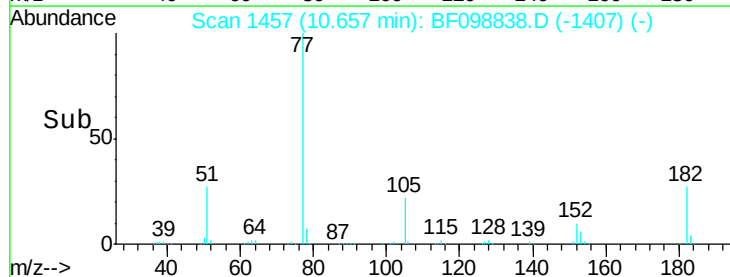
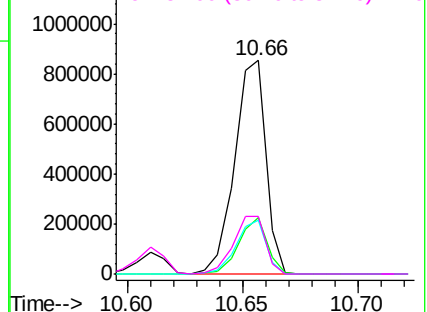


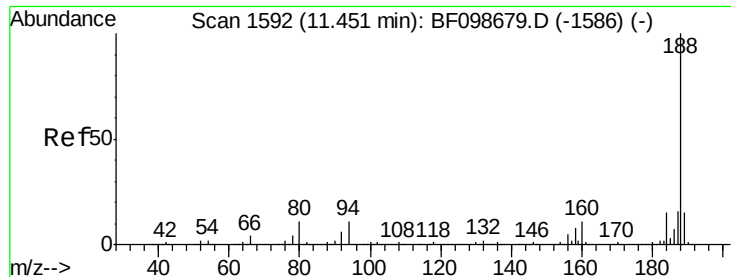
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

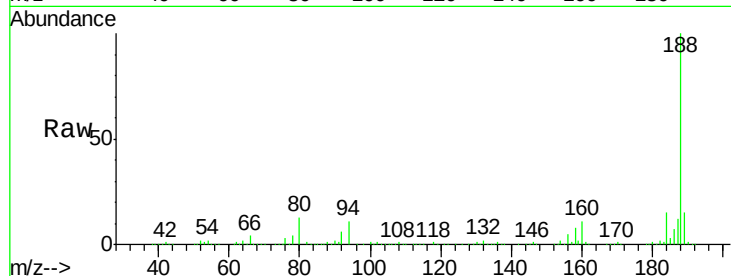




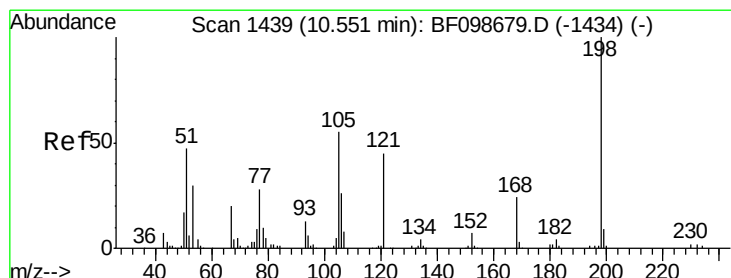
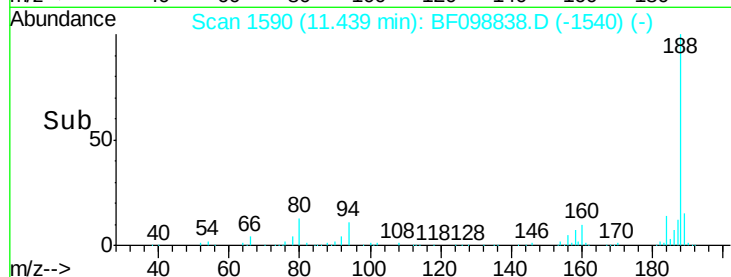
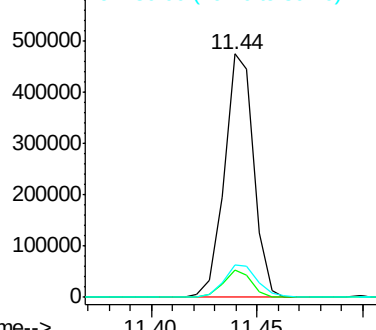
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 457786
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 13.4 9.2 13.8

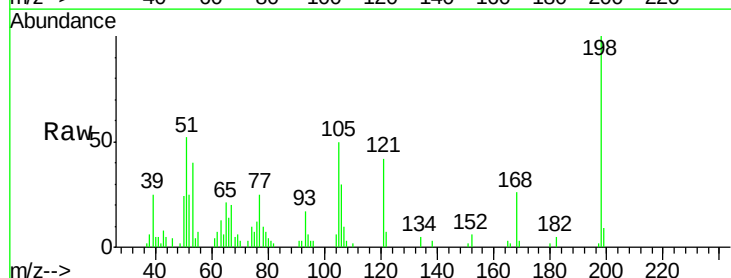


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

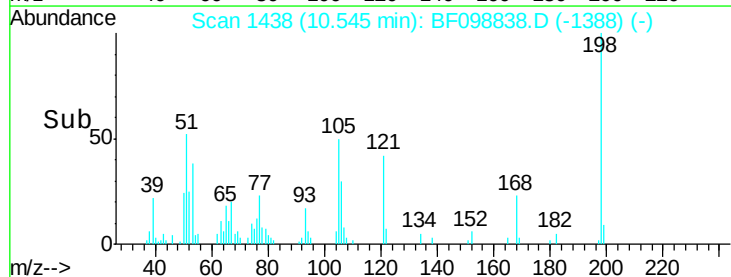
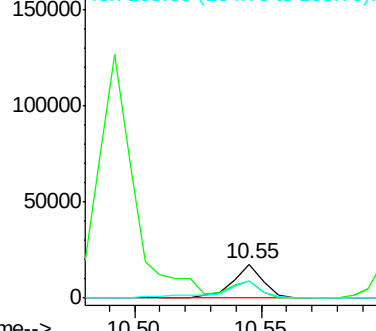


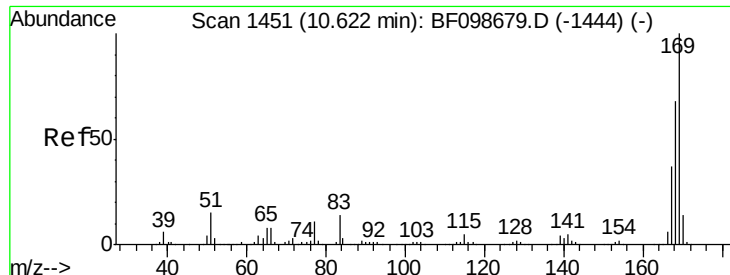
#64
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion:198 Resp: 14769
Ion Ratio Lower Upper
198 100
51 51.7 37.7 77.7
105 49.5 36.3 76.3



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

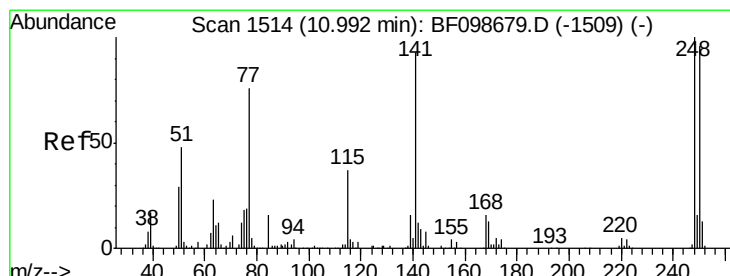
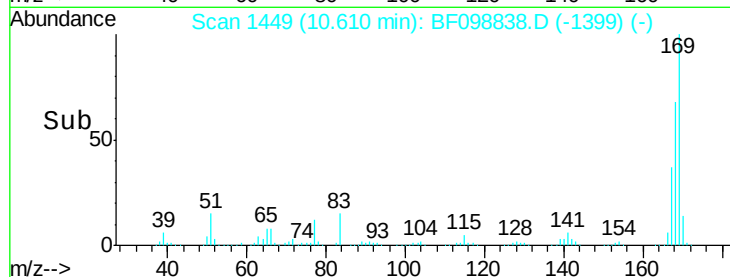
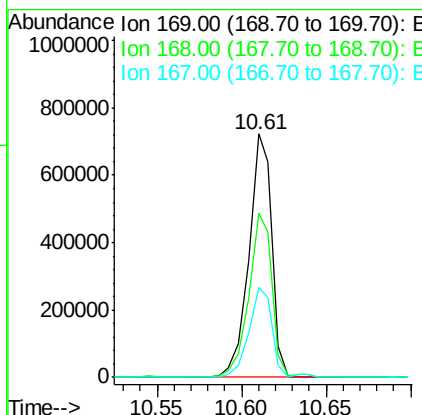
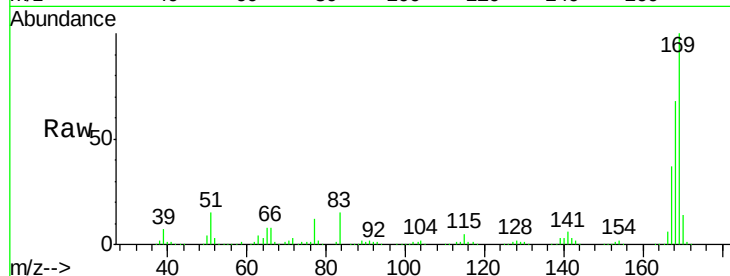




#65
 n-Nitrosodiphenylamine
 Concen: 43.27 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

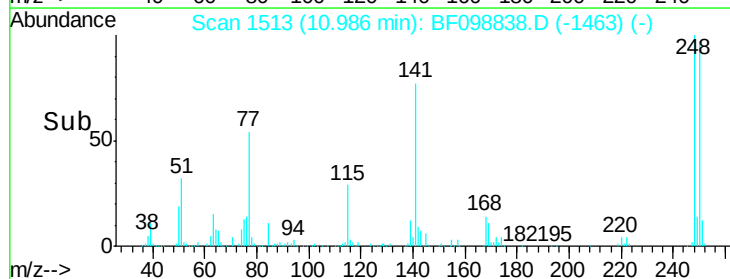
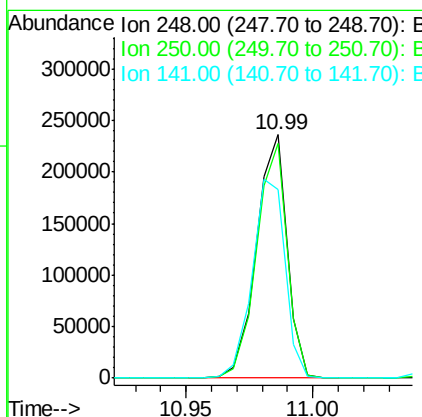
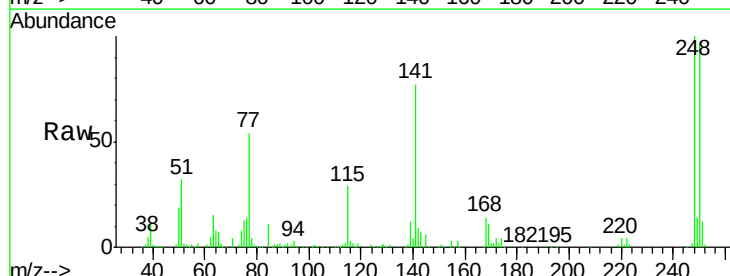
Instrument :
 BNA_F
 ClientSampleId :

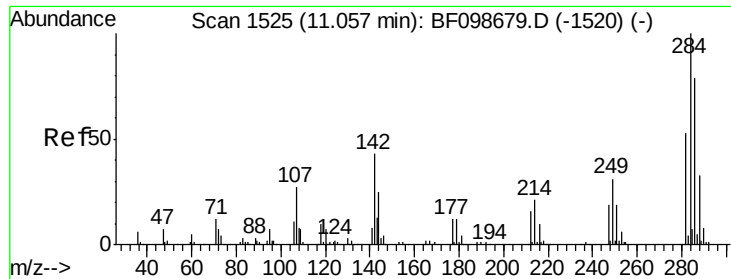
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.62 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	77.3	74.4	111.6

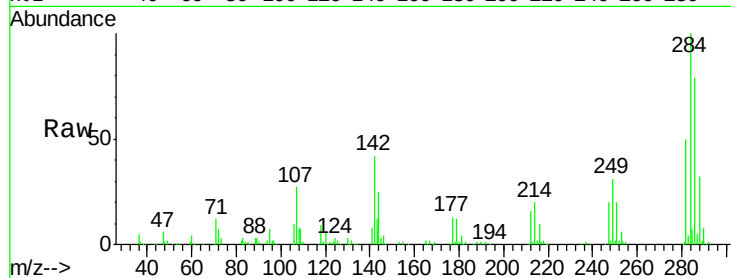




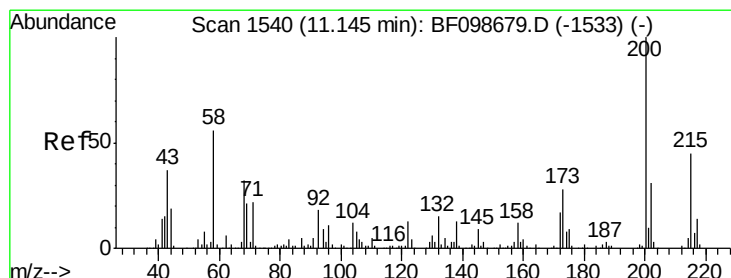
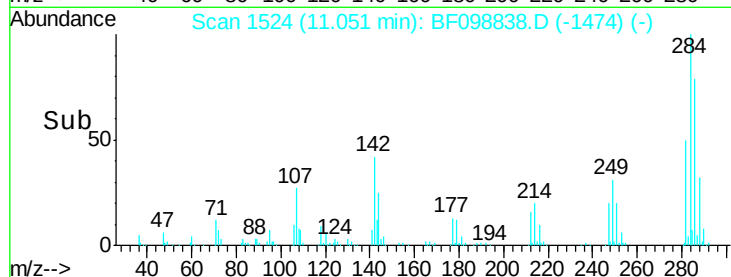
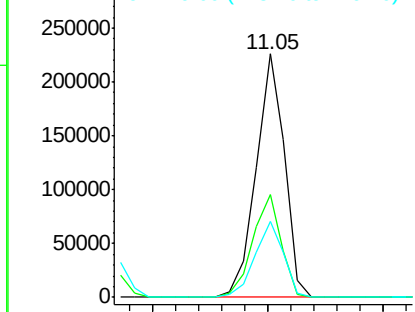
#67
Hexachlorobenzene
Concen: 40.50 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.2	34.6	52.0
249	31.0	24.8	37.2

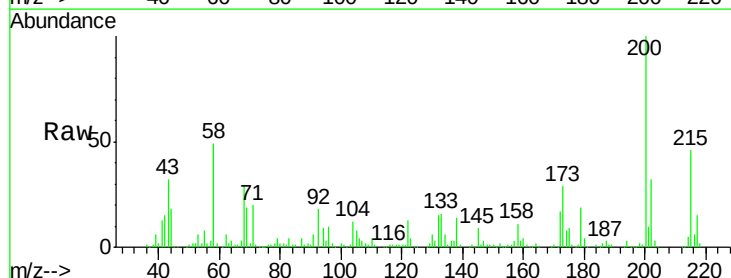


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

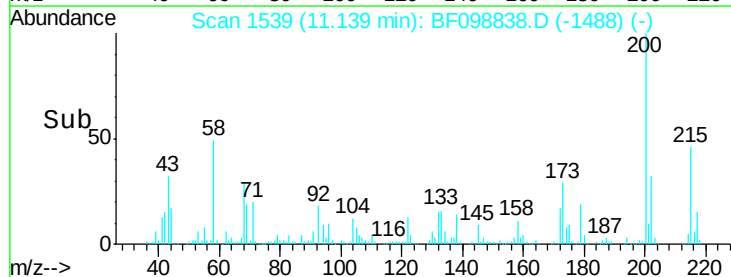
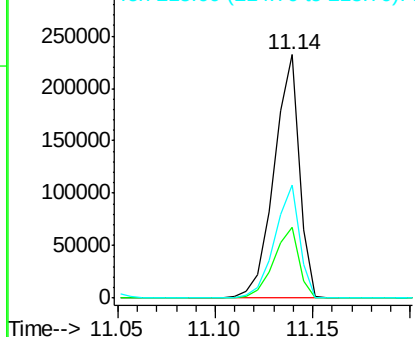


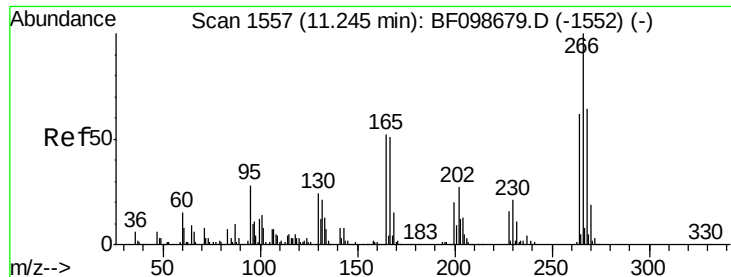
#68
Atrazine
Concen: 43.71 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	46.4	25.1	65.1



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





#69

Pentachlorophenol

Concen: 65.51 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

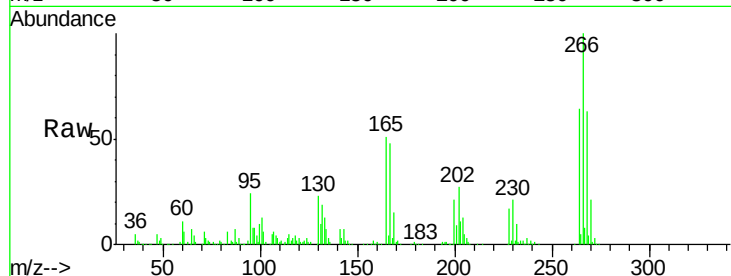
Tot Ion:266 Resp: 195134

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

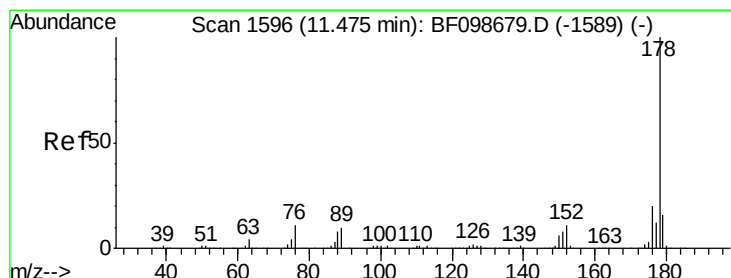
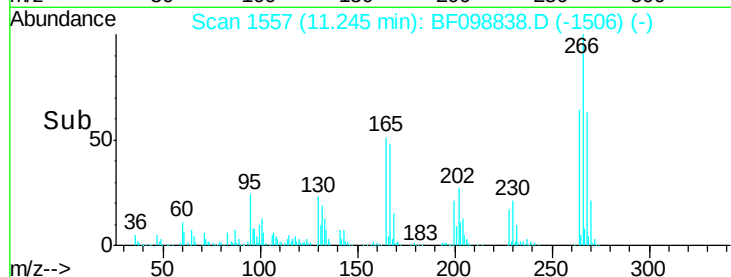
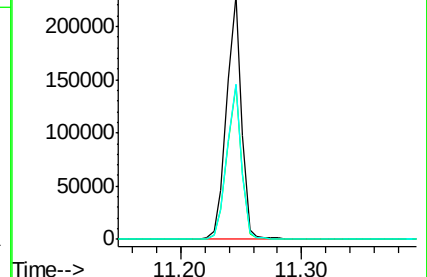
264 63.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.75 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

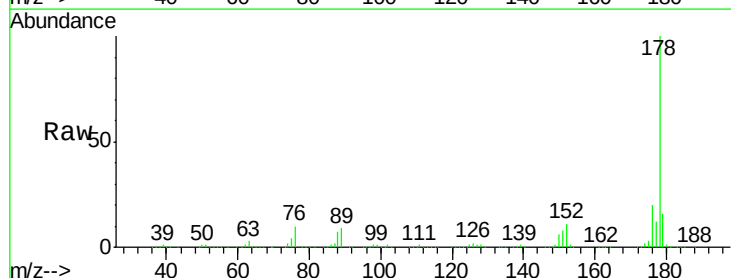
Tgt Ion:178 Resp: 1023100

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

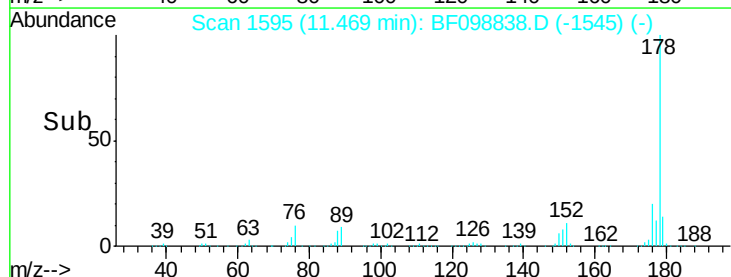
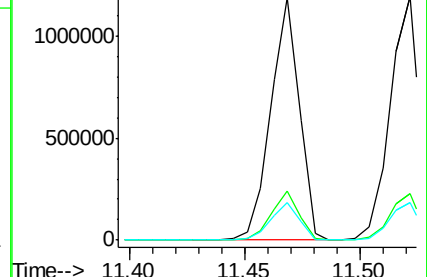
179 15.7 13.0 19.6

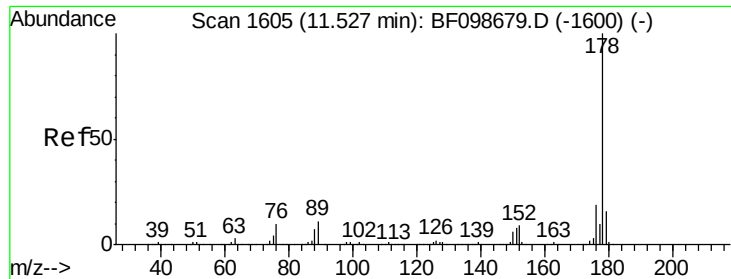


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

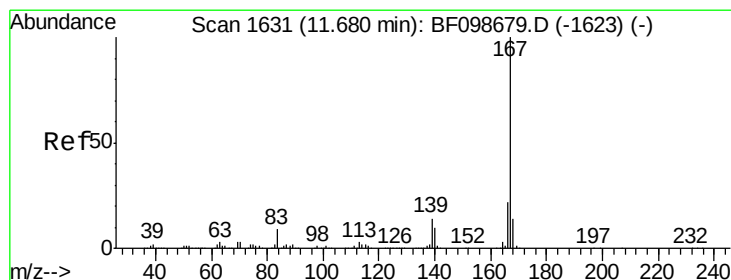
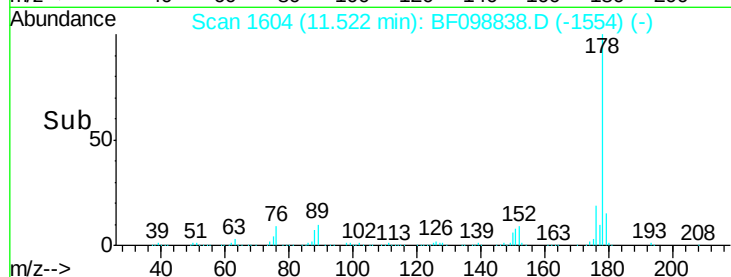
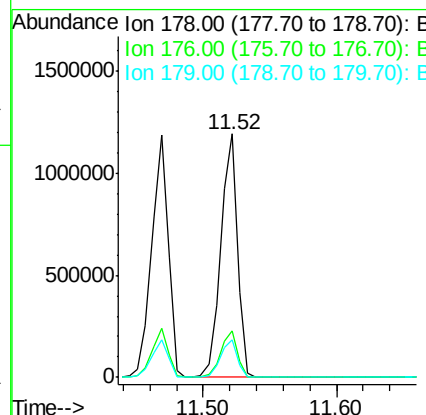
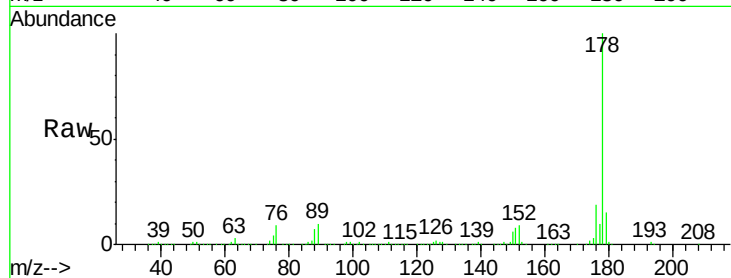




#71
 Anthracene
 Concen: 42.10 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

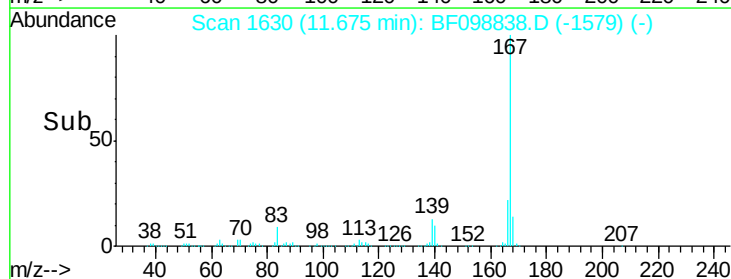
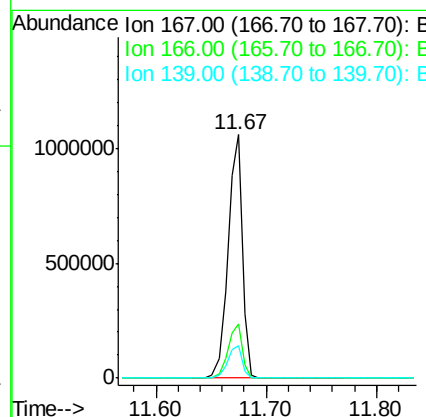
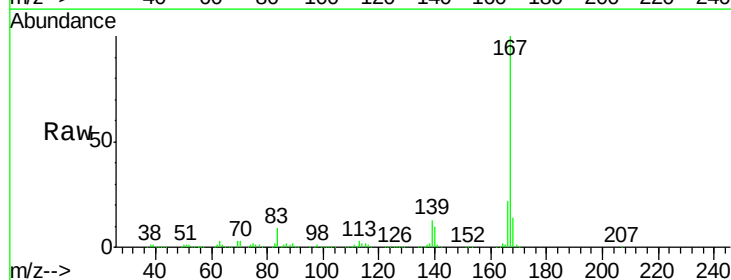
Instrument :
 BNA_F
 ClientSampleId :

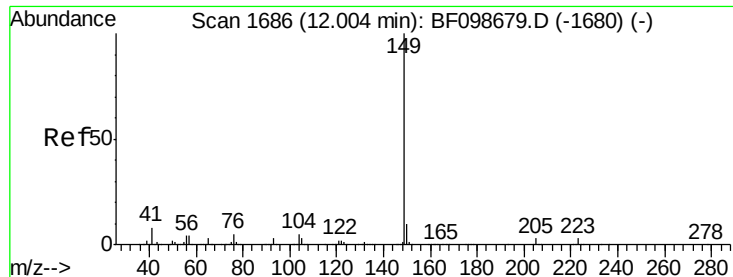
Tot Ion:178 Resp: 1055576
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 39.07 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion:167 Resp: 959256
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.85 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

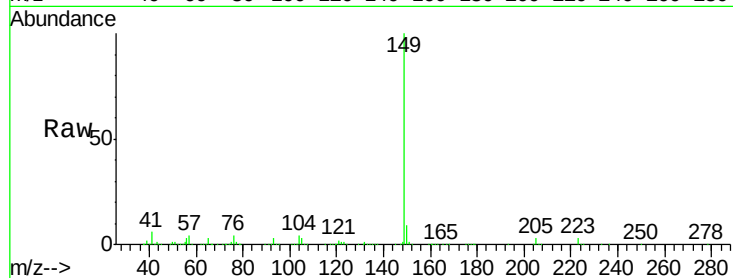
Tot Ion:149 Resp: 1295858

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

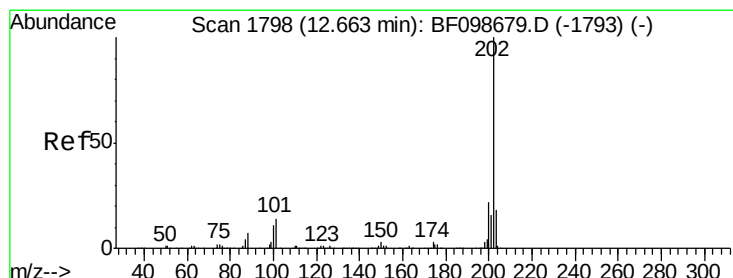
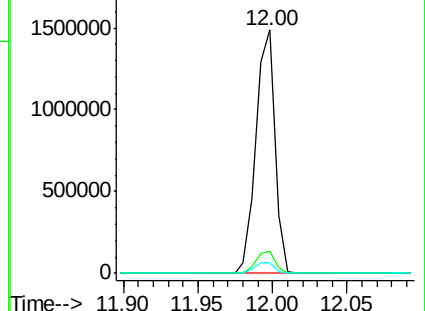
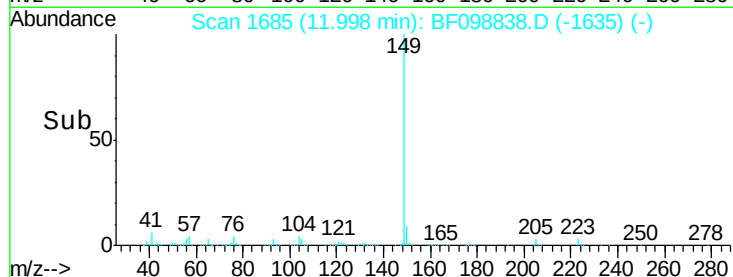
104 4.5 3.8 5.8



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: 36.97 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

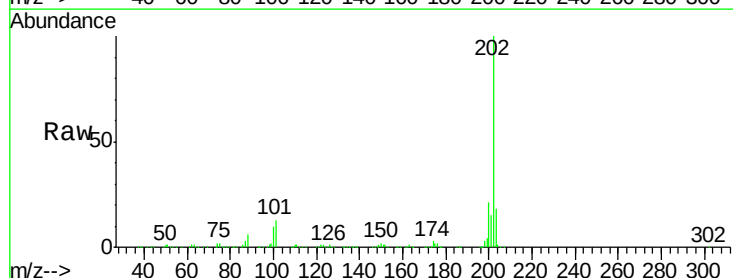
Tgt Ion:202 Resp: 917408

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

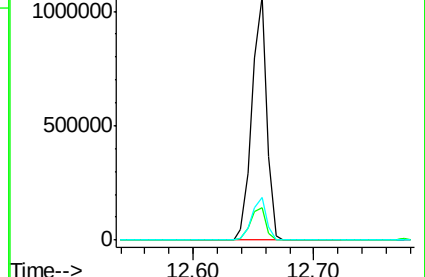
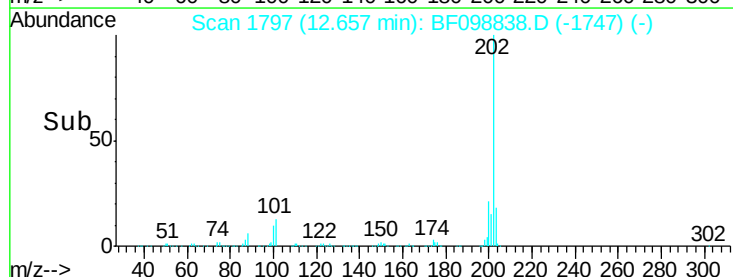
203 17.7 0.0 38.1

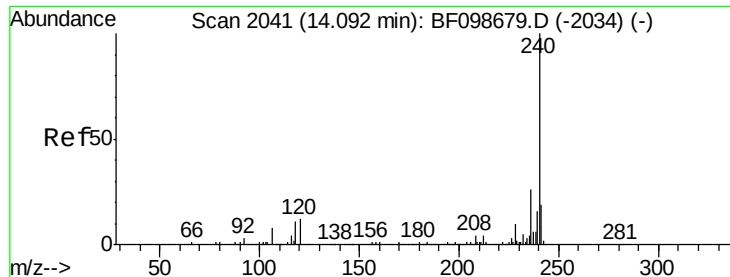


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

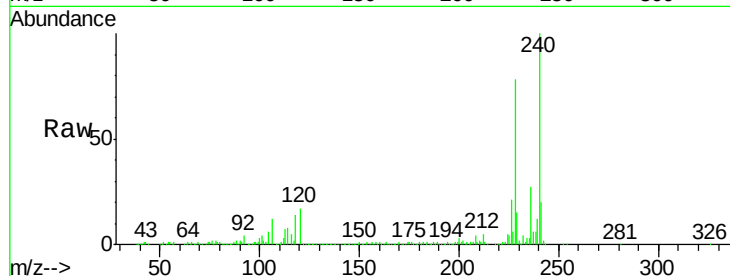
Tot Ion:240 Resp: 286292

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

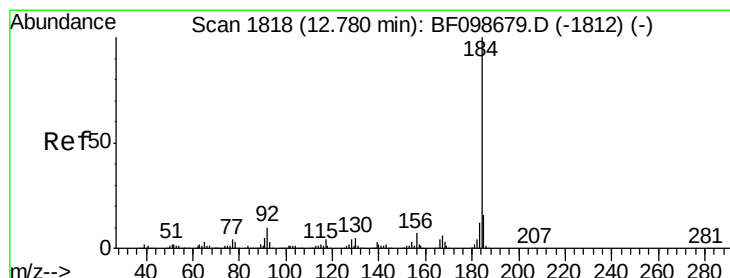
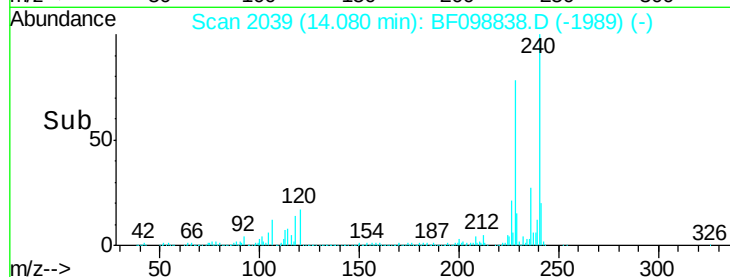
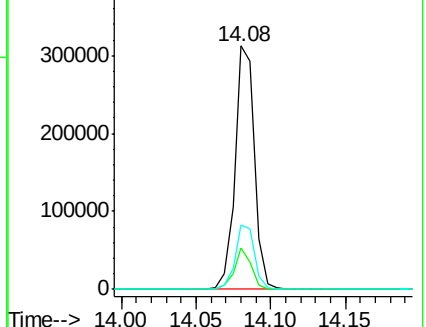
236 26.5 20.7 31.1



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: 63.01 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

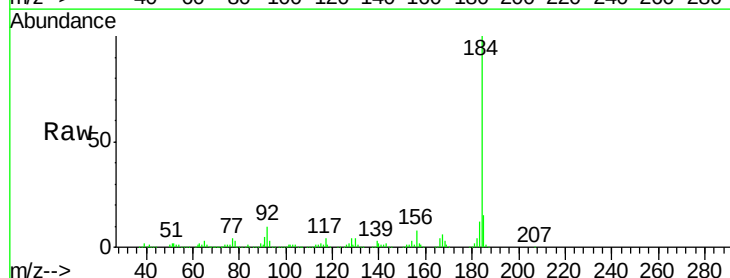
Tgt Ion:184 Resp: 667216

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

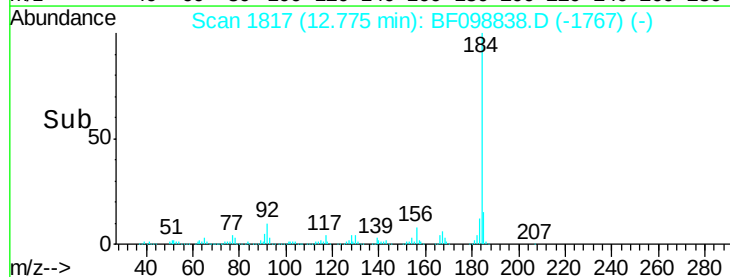
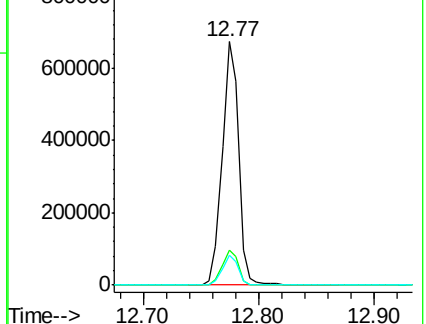
183 12.4 9.3 13.9

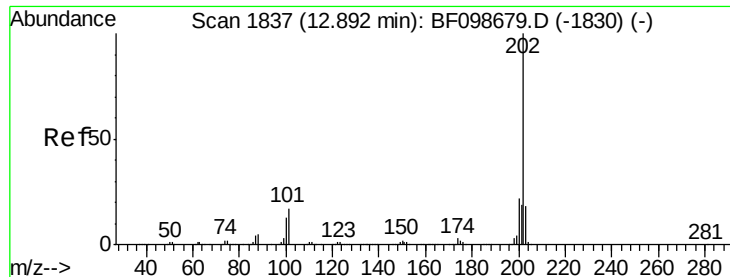


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.03 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

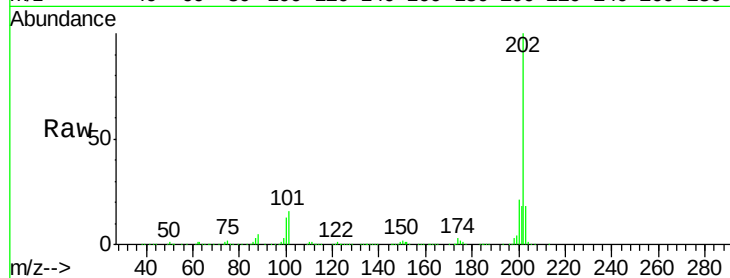
Tot Ion:202 Resp: 917649

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

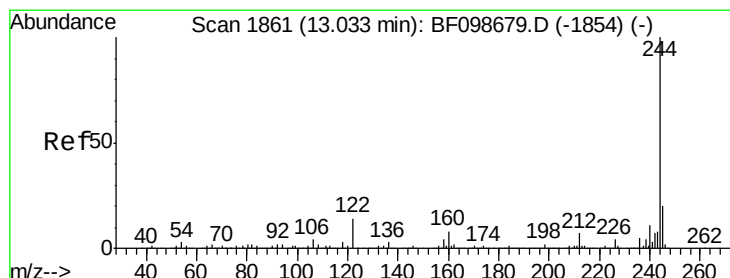
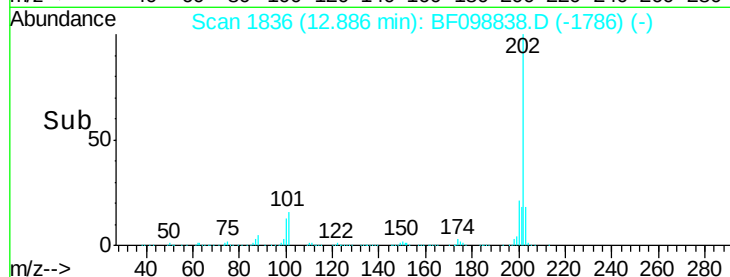
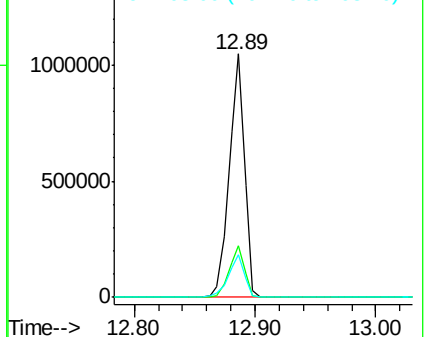
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.40 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

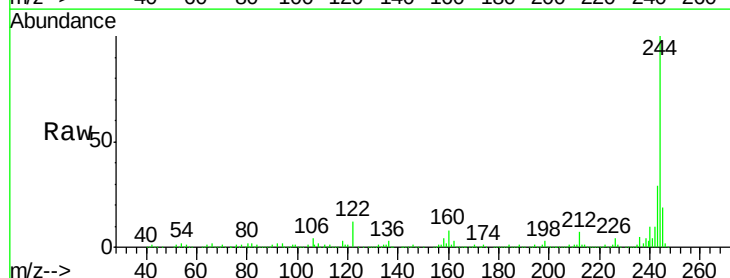
Tgt Ion:244 Resp: 1062532

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

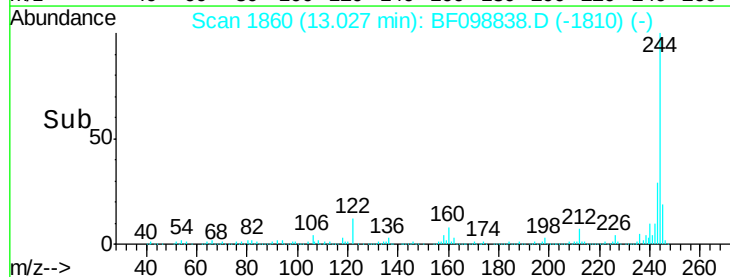
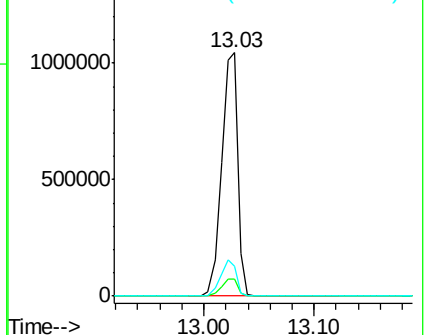
122 12.2 11.0 16.4

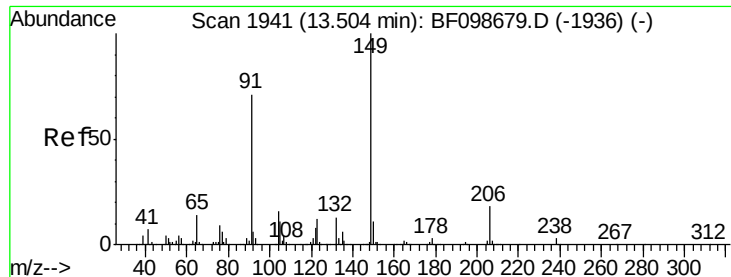


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

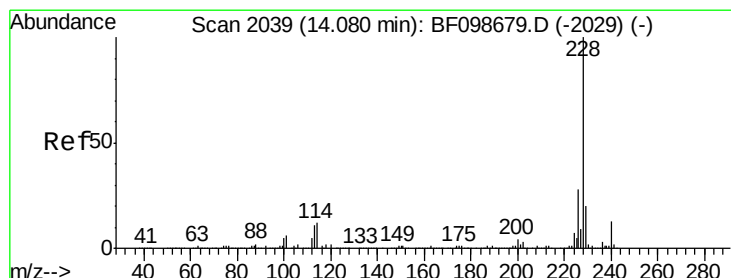
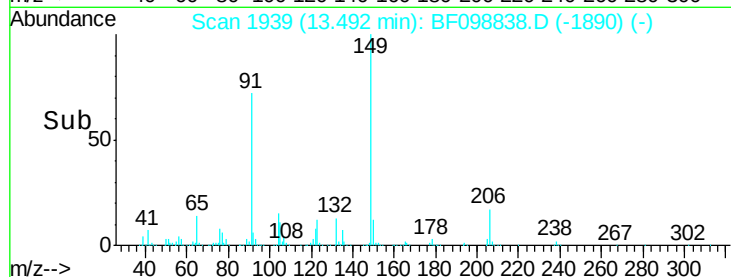
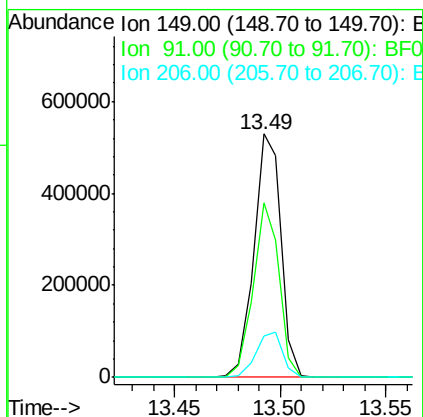
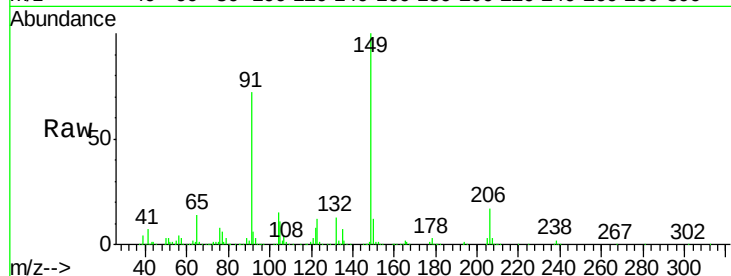




#79
Butylbenzylphthalate
Concen: 45.96 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

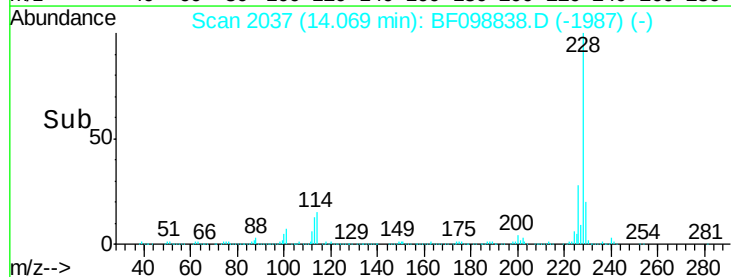
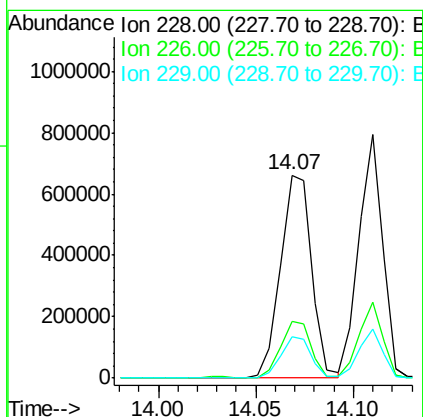
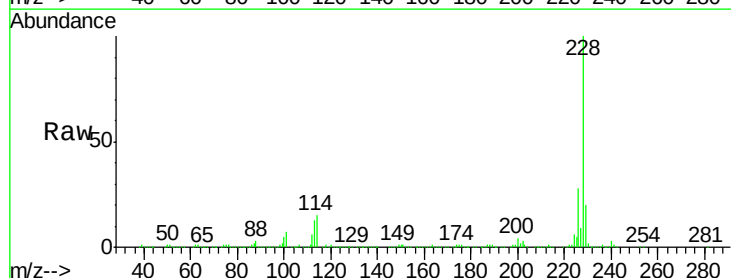
Instrument :
BNA_F
ClientSampleId :

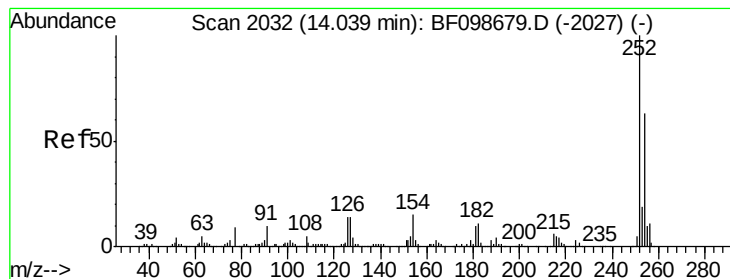
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	17.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.25 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 42.09 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

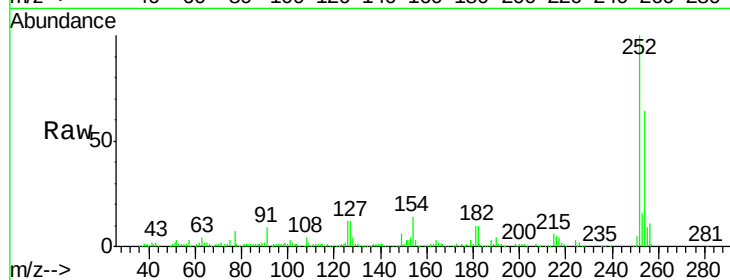
Tot Ion:252 Resp: 267498

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

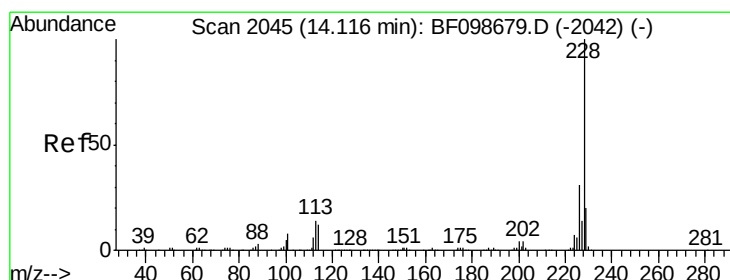
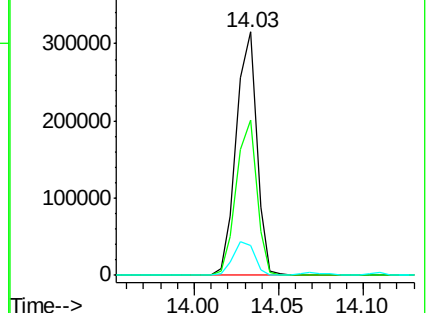
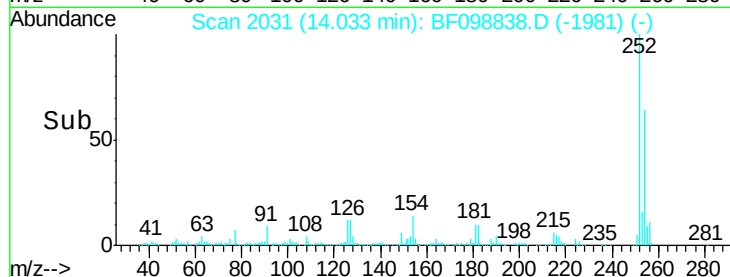
126 12.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.87 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

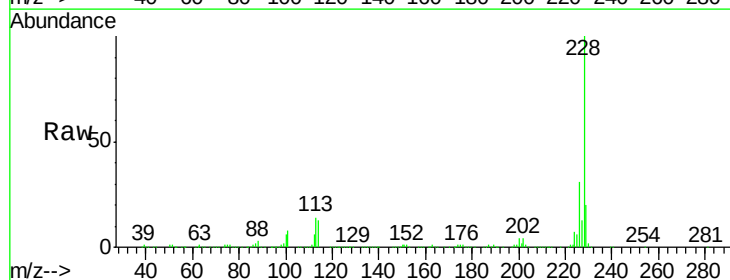
Tgt Ion:228 Resp: 674542

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

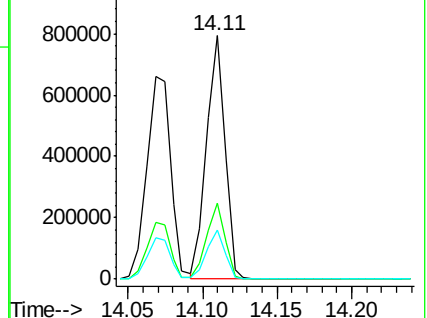
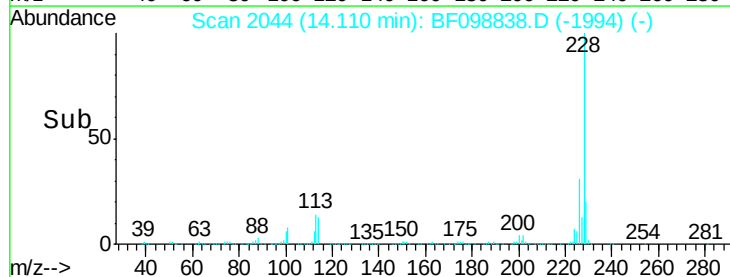
229 20.0 16.2 24.4

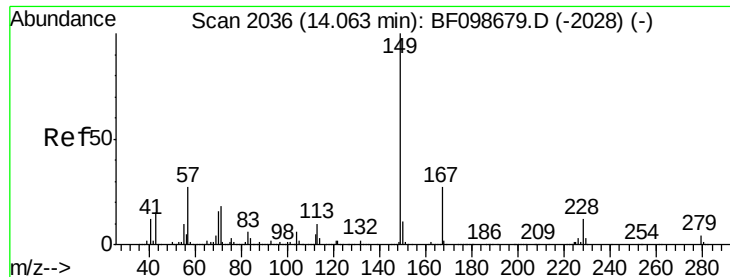


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.23 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

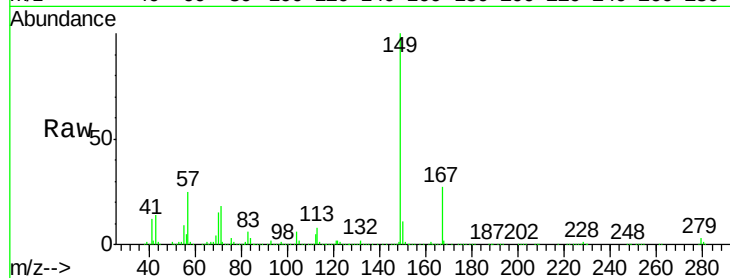
Tot Ion:149 Resp: 667220

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

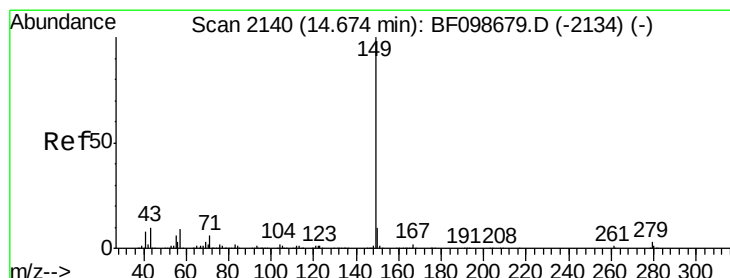
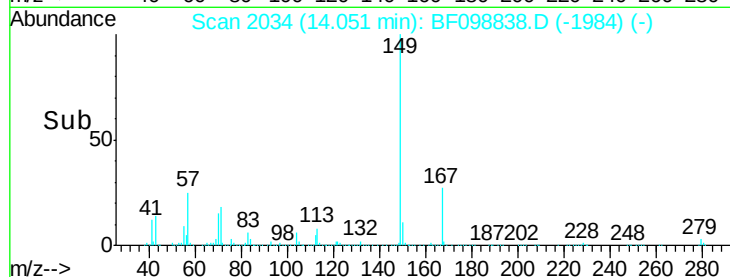
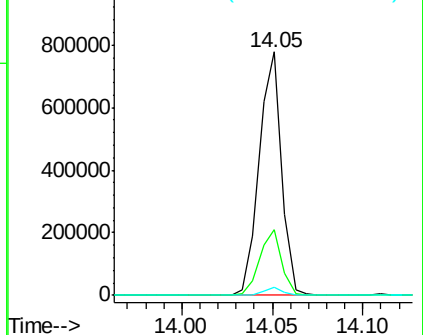
279 3.1 3.0 4.4



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: 48.03 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

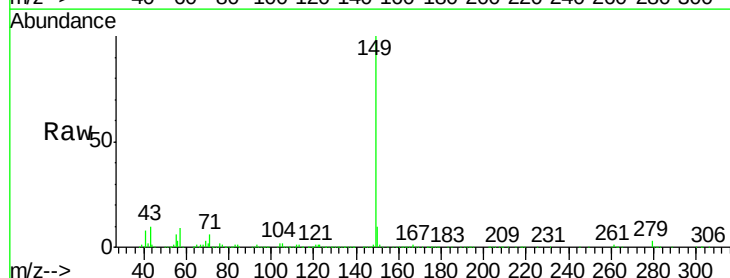
Tgt Ion:149 Resp: 1092527

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

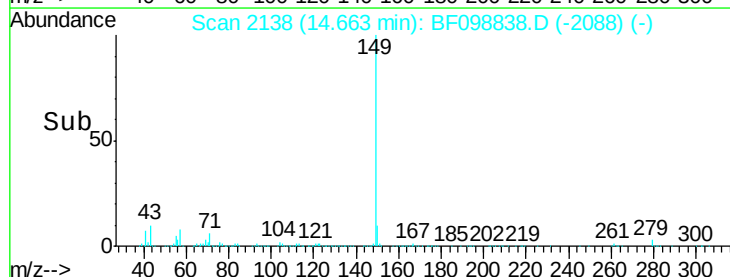
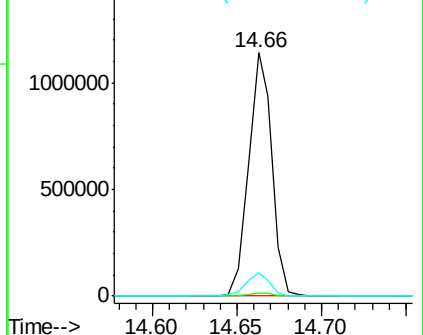
43 9.6 8.4 12.6

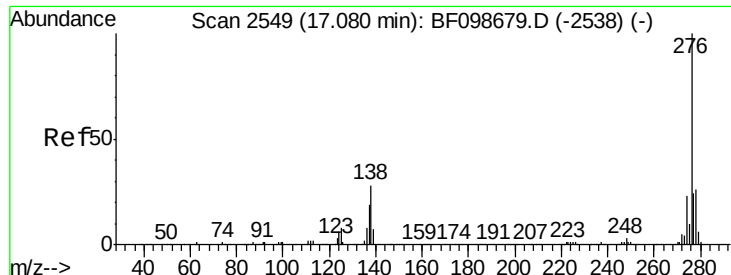


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

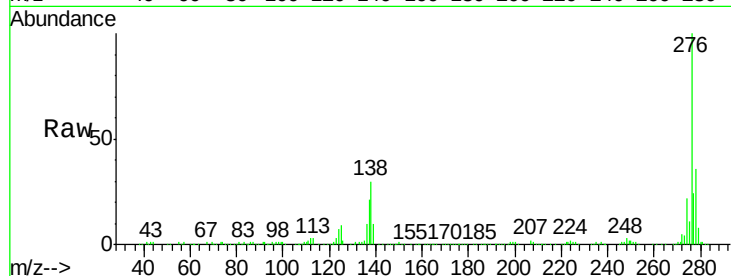




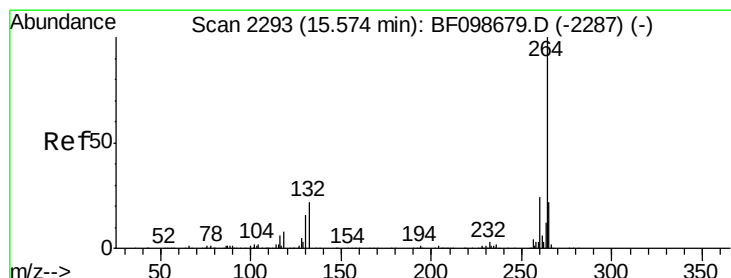
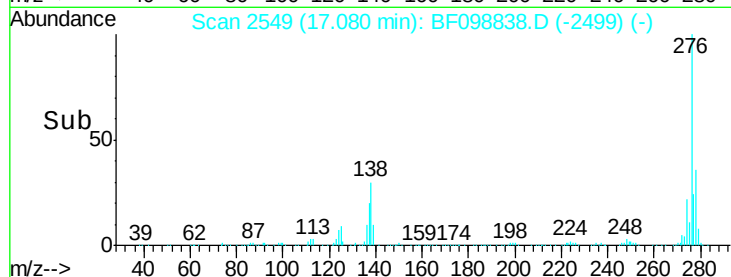
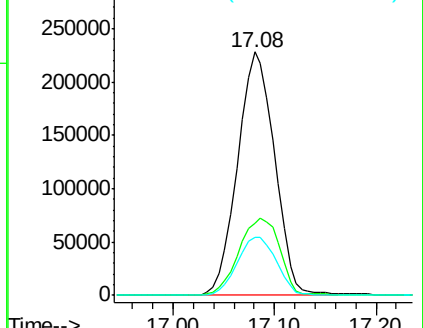
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.90 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.4	20.1	30.1

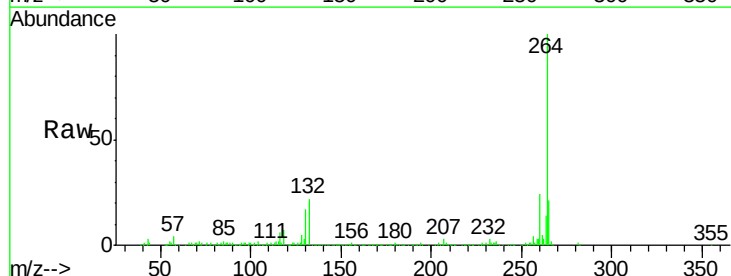


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

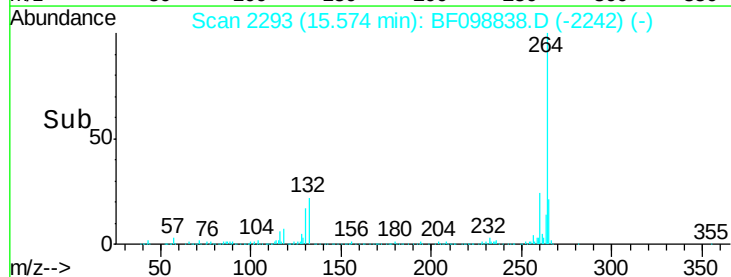
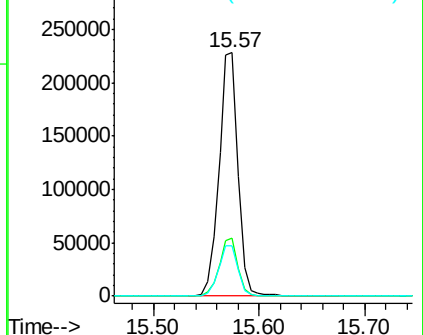


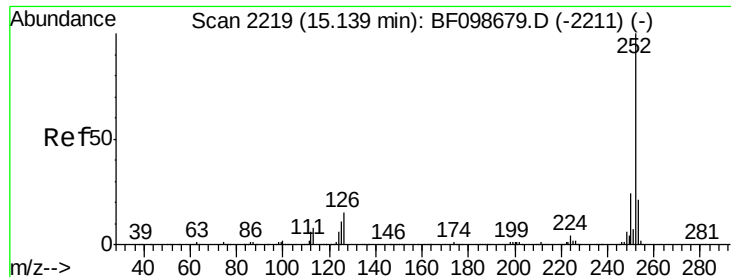
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3



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

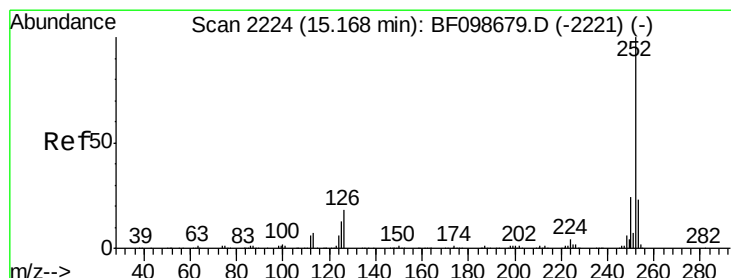
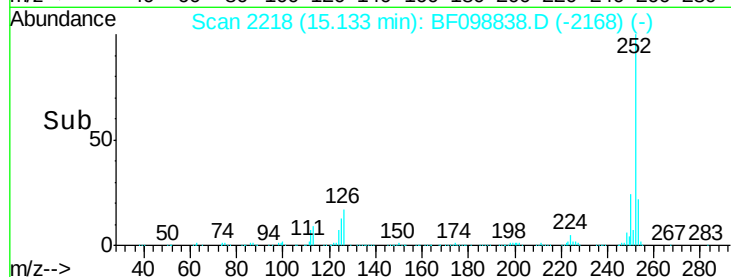
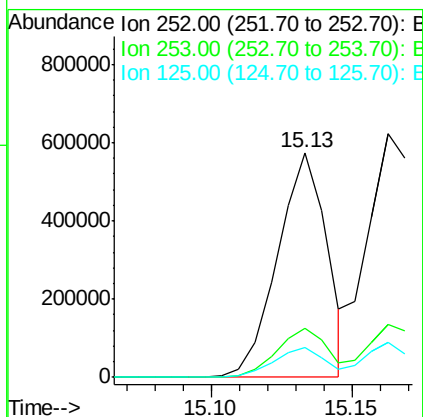
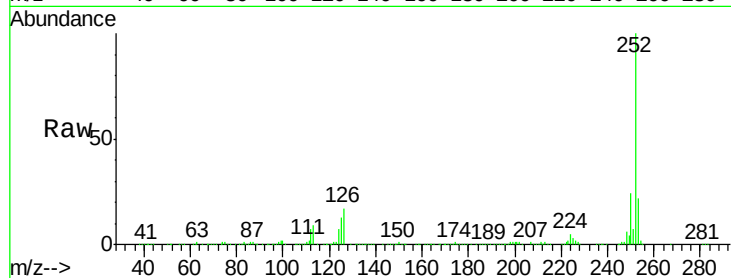




#87
Benzo(b)fluoranthene
Concen: 39.44 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

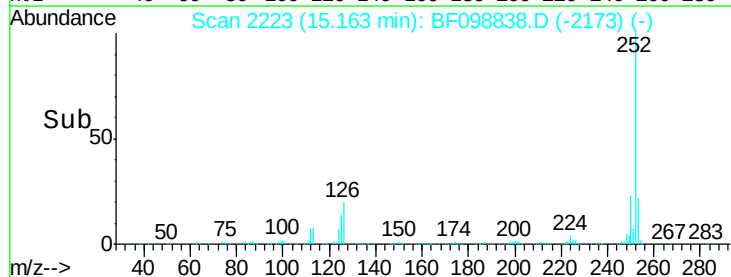
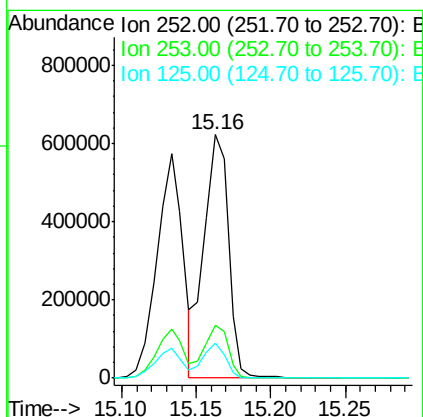
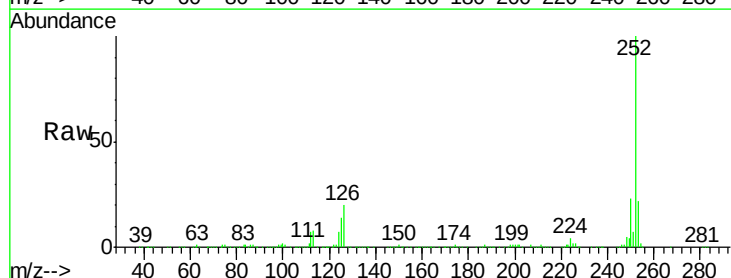
Instrument :
BNA_F
ClientSampleId :

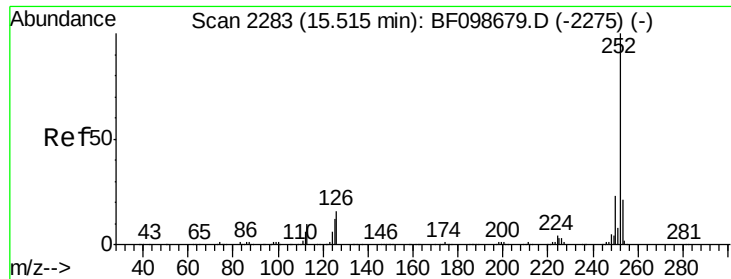
Tot Ion:252 Resp: 696274
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.28 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion:252 Resp: 702386
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 14.2 10.2 15.2

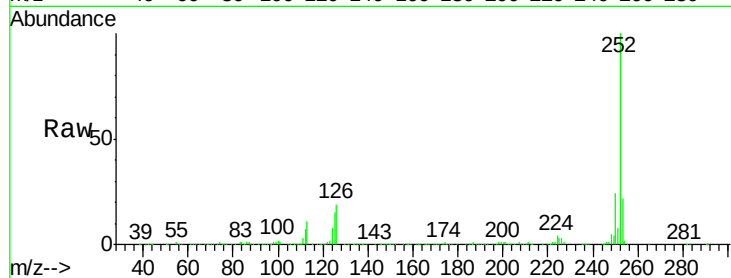




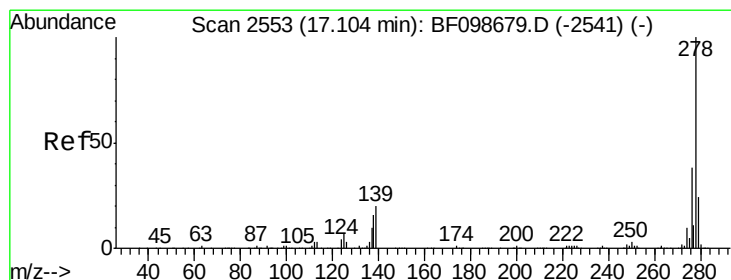
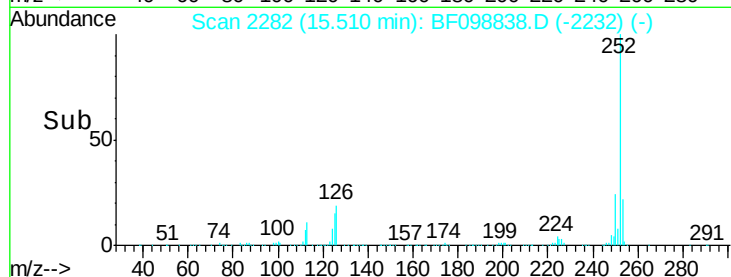
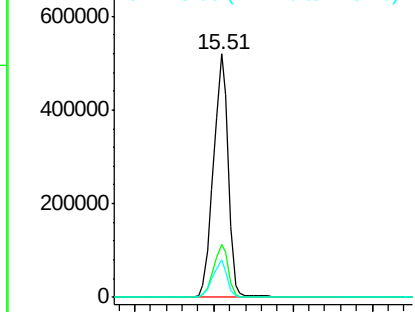
#89
Benzo(a)pyrene
Concen: 41.74 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 676408
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 15.5 9.8 14.6#

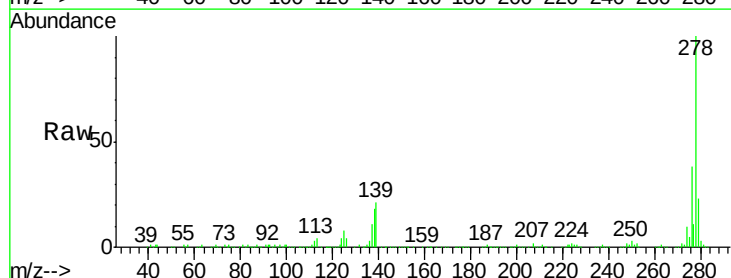


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

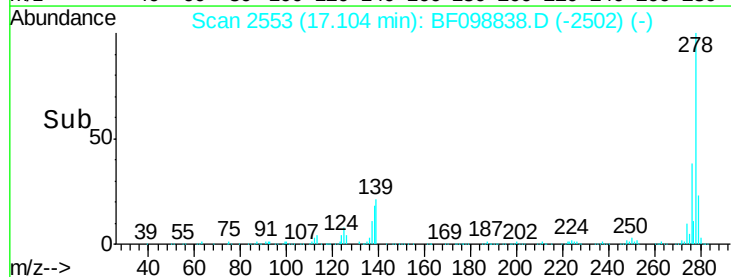
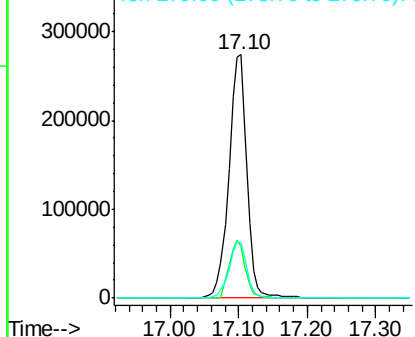


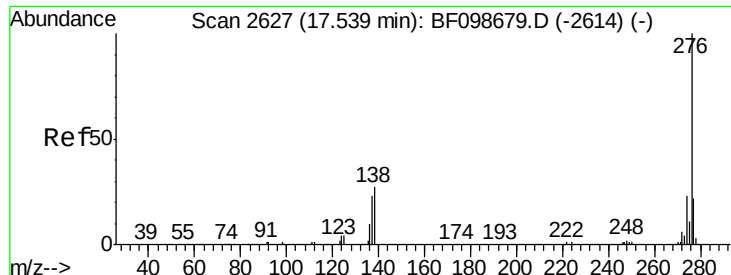
#90
Dibenzo(a,h)anthracene
Concen: 38.72 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion:278 Resp: 502141
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

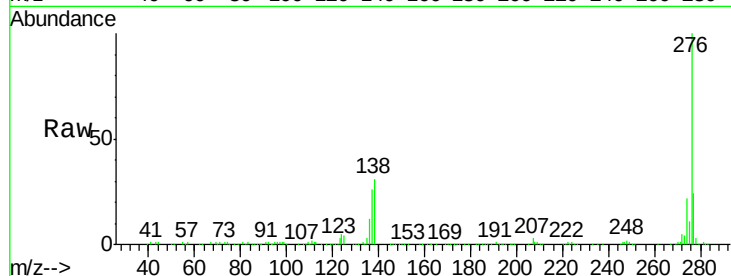




#91
 Benzo(a,h,i)perylene
 Concen: 35.32 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	30.6	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

