

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098260.D
 Acq On : 2 Sep 2017 21:56
 Operator : SJ/JU
 Sample : I5026-02MSD 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102015	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	357305	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	130122	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	241518	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	248284	20.00	ng	-0.04
86) Perylene-d12	15.28	264	181161	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	143578	21.41	ng	-0.04
7) Phenol-d6	6.35	99	185423	20.35	ng	-0.04
23) Nitrobenzene-d5	7.27	82	107392	16.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	19051	16.87	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	152503	17.22	ng	-0.04
78) Terphenyl-d14	12.81	244	124370	10.45	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	22122	5.914	ng	88
3) Pyridine	3.08	79	54942	5.313	ng	89
4) n-Nitrosodimethylamine	3.00	42	21544	5.415	ng	# 64
6) Aniline	6.37	93	49666	3.880	ng	# 77
8) 2-Chlorophenol	6.49	128	47727	6.748	ng	95
9) Benzaldehyde	6.26	77	16218	2.810	ng	83
10) Phenol	6.36	94	71072	6.669	ng	97
11) bis(2-Chloroethyl)ether	6.45	93	53496	6.650	ng	95
12) 1,3-Dichlorobenzene	6.65	146	48336	6.353	ng	# 96
13) 1,4-Dichlorobenzene	6.73	146	50025	6.465	ng	# 92
14) 1,2-Dichlorobenzene	6.88	146	46371	6.499	ng	98
15) Benzyl Alcohol	6.85	79	46098	6.757	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	67392	6.227	ng	88
17) 2-Methylphenol	6.97	107	40038	6.424	ng	98
18) Hexachloroethane	7.22	117	15830	5.218	ng	# 84
19) n-Nitroso-di-n-propylamine	7.12	70	38934	6.241	ng	89
20) 3+4-Methylphenols	7.13	107	51364	6.747	ng	# 82
22) Acetophenone	7.12	105	71937	7.621	ng	# 85
24) Nitrobenzene	7.29	77	55549	7.585	ng	93
25) Isophorone	7.53	82	96272	7.039	ng	# 93
26) 2-Nitrophenol	7.61	139	17735	11.210	ng	# 78
27) 2,4-Dimethylphenol	7.66	122	38170	6.692	ng	95
28) bis(2-Chloroethoxy)methane	7.75	93	63619	7.076	ng	# 96
29) 2,4-Dichlorophenol	7.86	162	29390	6.207	ng	88
30) 1,2,4-Trichlorobenzene	7.93	180	34603	6.593	ng	98
31) Naphthalene	8.02	128	130243	7.021	ng	98
32) Benzoic acid	7.66	122	38170	14.364	ng	# 16
33) 4-Chloroaniline	8.07	127	34796	4.448	ng	99
34) Hexachlorobutadiene	8.13	225	19768	6.451	ng	99
35) Caprolactam	8.40	113	9605	5.967	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	33640	5.530	ng	# 77
37) 2-Methylnaphthalene	8.70	142	76135	6.695	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	29179	7.307	ng	98
42) 2,4,6-Trichlorophenol	8.99	196	12751	4.756	ng	96

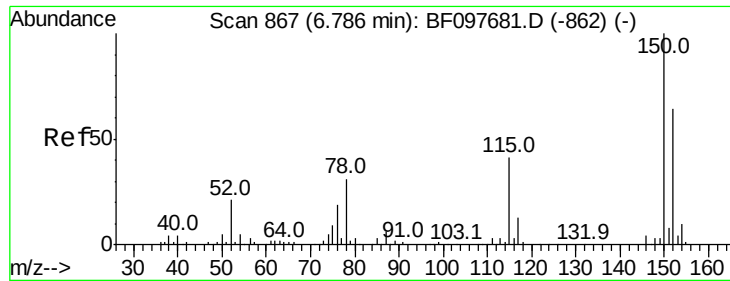
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
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 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	16961	6.377	nq	95
45) 1,1'-Biphenyl	9.17	154	86760	7.312	nq	95
46) 2-Chloronaphthalene	9.19	162	60261	6.873	nq #	93
47) 2-Nitroaniline	9.29	65	21204	7.214	nq	96
48) Acenaphthylene	9.60	152	97762	7.101	nq	98
49) Dimethylphthalate	9.47	163	93860	9.868	nq	99
50) 2,6-Dinitrotoluene	9.53	165	12745	6.713	nq #	67
51) Acenaphthene	9.77	154	62488	7.196	nq	98
52) 3-Nitroaniline	9.70	138	15145	6.183	nq #	79
54) Dibenzofuran	9.95	168	87857	7.549	nq	98
55) 4-Nitrophenol	9.88	139	6600	3.378	nq #	30
56) 2,4-Dinitrotoluene	9.94	165	15588	6.542	nq #	54
57) Fluorene	10.29	166	69679	7.744	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	7252	3.522	nq #	75
59) Diethylphthalate	10.16	149	72227	7.261	nq	96
60) 4-Chlorophenyl-phenylether	10.29	204	29472	7.051	nq #	87
61) 4-Nitroaniline	10.30	138	15897	6.828	nq #	73
62) Azobenzene	10.45	77	77615	6.569	nq	93
64) 4,6-Dinitro-2-methylphenol	10.07	198	147	8.427	nq #	46
65) n-Nitrosodiphenylamine	10.40	169	57222	6.958	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	15875	6.330	nq	98
67) Hexachlorobenzene	10.84	284	15936	6.234	nq #	84
68) Atrazine	10.93	200	16422	7.529	nq	98
69) Pentachlorophenol	11.04	266	3656	2.453	nq	95
70) Phenanthrene	11.25	178	138558	10.766	nq	97
71) Anthracene	11.30	178	108731	8.330	nq	98
72) Carbazole	11.46	167	94438	7.622	nq	96
73) Di-n-butylphthalate	11.79	149	112051	7.851	nq	98
74) Fluoranthene	12.44	202	221574	16.495	nq	99
76) Benzidine	12.56	184	44584	5.477	nq #	91
77) Pyrene	12.67	202	217888	10.730	nq	97
79) Butylbenzylphthalate	13.29	149	63115	8.107	nq #	79
80) Benzo(a)anthracene	13.86	228	146804	9.865	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	31452	6.264	nq #	95
82) Chrysene	13.89	228	144402	9.755	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	84387	9.781	nq #	99
84) Di-n-octyl phthalate	14.46	149	132120	8.801	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.65	276	71985	6.610	nq	95
87) Benzo(b)fluoranthene	14.88	252	129575	11.347	nq #	95
88) Benzo(k)fluoranthene	14.90	252	92431	8.616	nq	96
89) Benzo(a)pyrene	15.22	252	102153	10.105	nq #	95
90) Dibenzo(a,h)anthracene	16.66	278	50889	6.183	nq #	91
91) Benzo(g,h,i)perylene	17.06	276	61211	7.128	nq	94

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

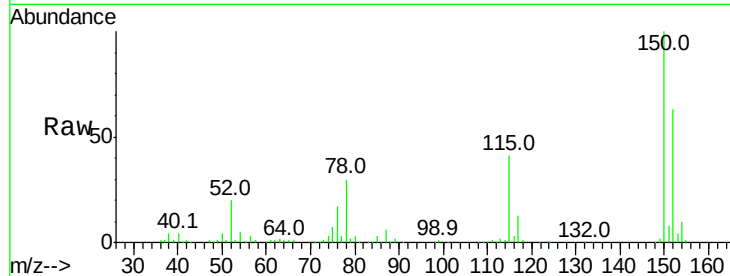


#1

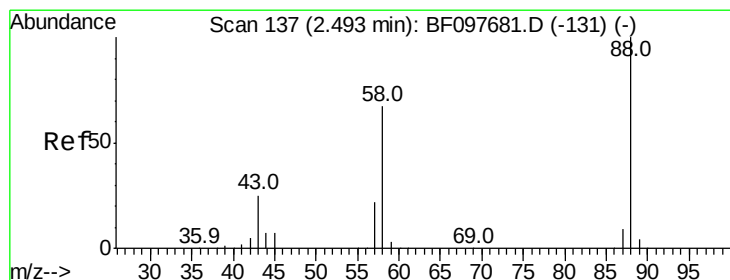
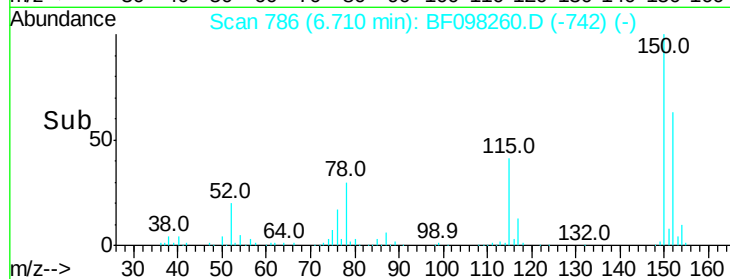
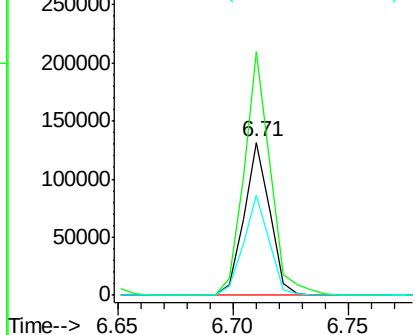
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102015
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.5 52.2 78.2



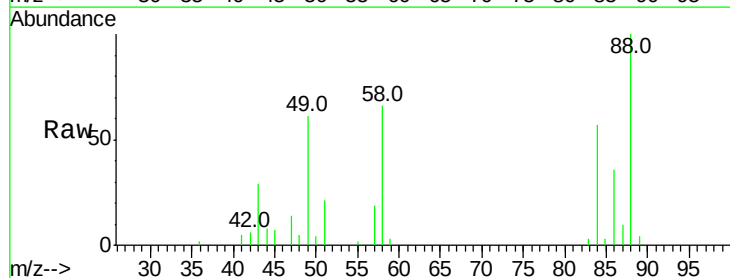
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



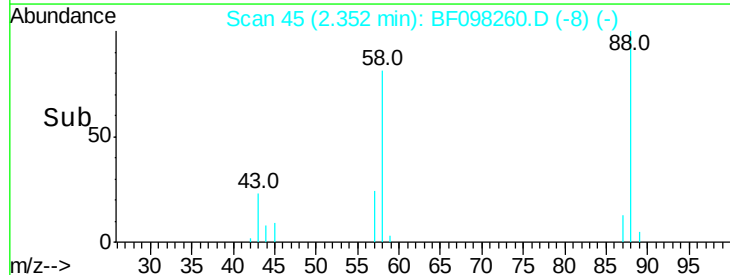
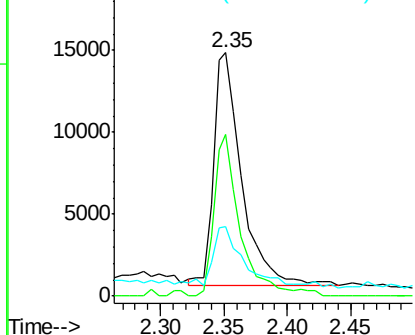
#2

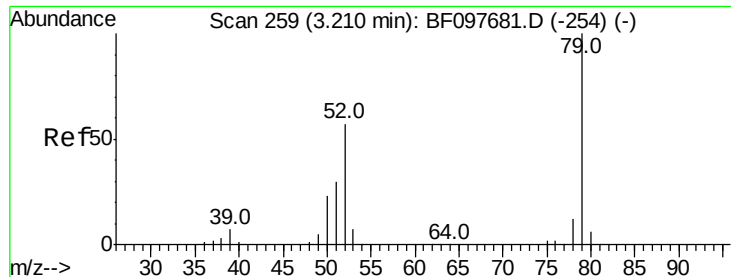
1,4-Dioxane
Concen: 5.914 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.08 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion: 88 Resp: 22122
Ion Ratio Lower Upper
88 100
58 64.9 61.4 92.0
43 24.3 23.4 35.0



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: 5.313 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

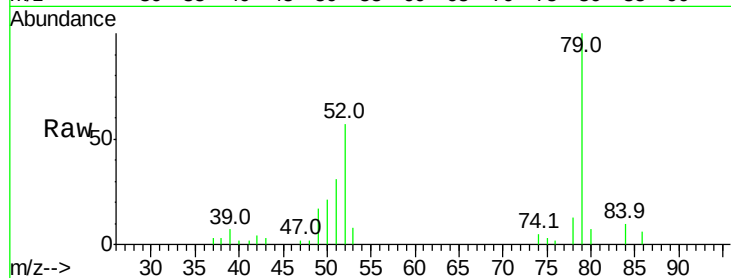
Tot Ion: 79 Resp: 54942

Ion Ratio Lower Upper

79 100

52 57.1 54.8 82.2

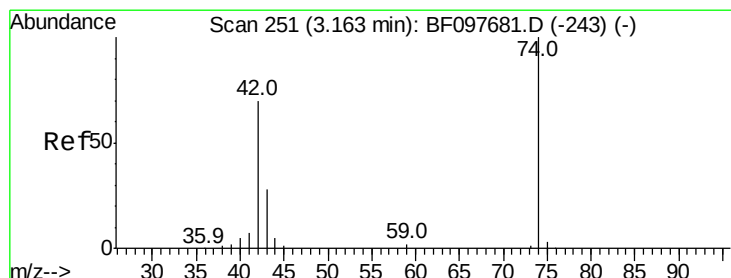
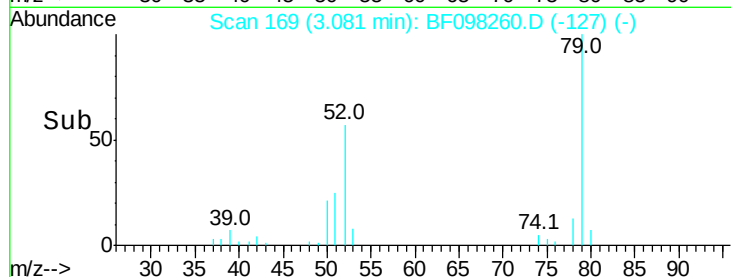
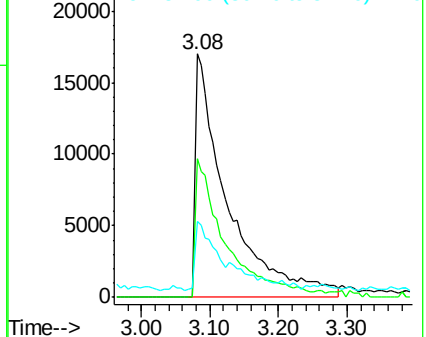
51 31.3 27.0 40.4



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: 5.415 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.11 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

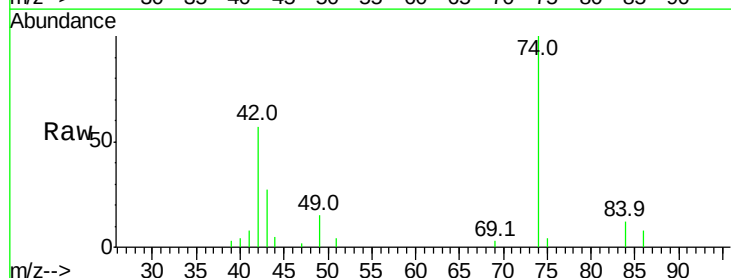
Tgt Ion: 42 Resp: 21544

Ion Ratio Lower Upper

42 100

74 174.0 103.9 155.9#

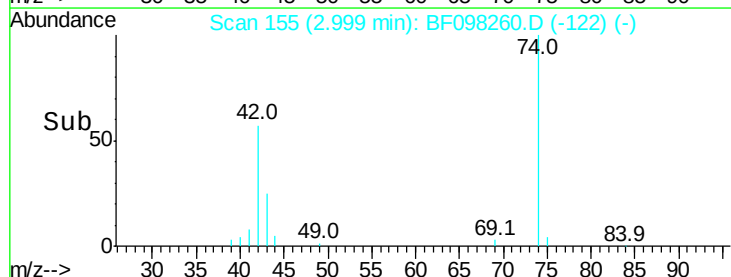
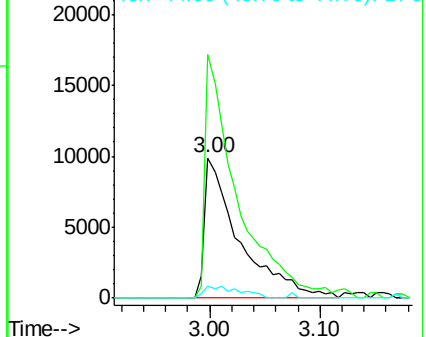
44 8.7 5.7 8.5#

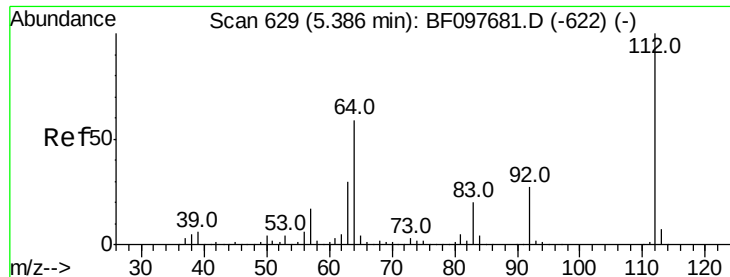


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 21.408 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

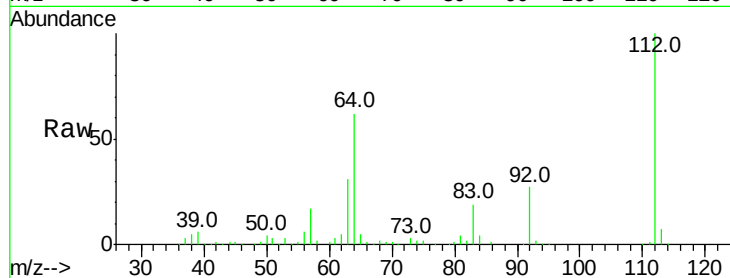
Tot Ion: 112 Resp: 143578

Ion Ratio Lower Upper

112 100

64 61.9 46.0 69.0

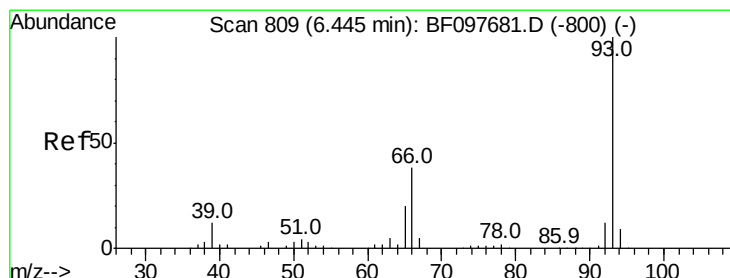
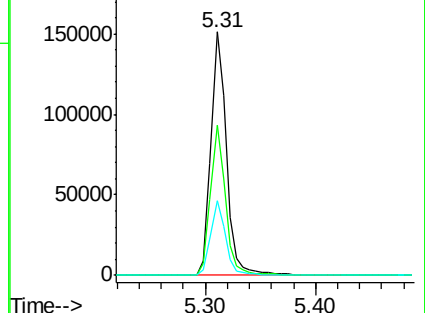
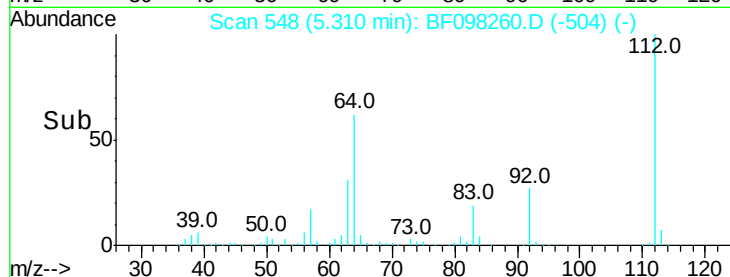
63 30.6 23.4 35.0



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: 3.880 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

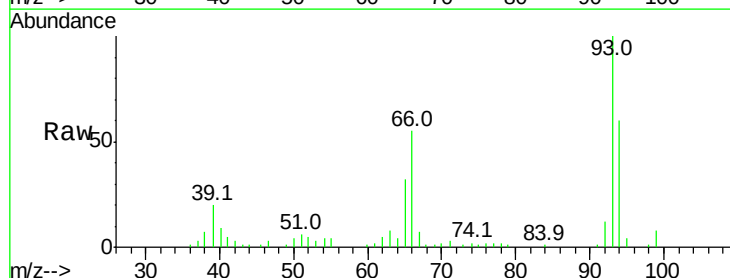
Tgt Ion: 93 Resp: 49666

Ion Ratio Lower Upper

93 100

66 55.1 32.9 49.3#

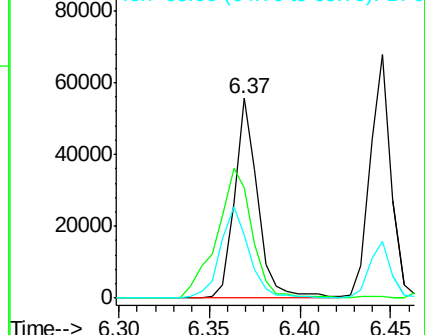
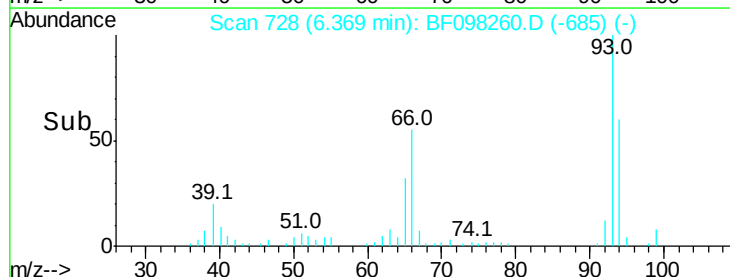
65 31.5 16.0 24.0#

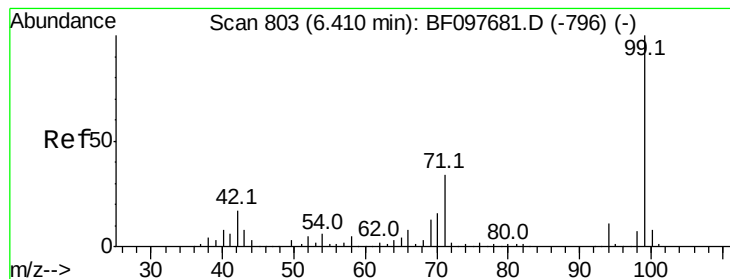


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.348 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampled :

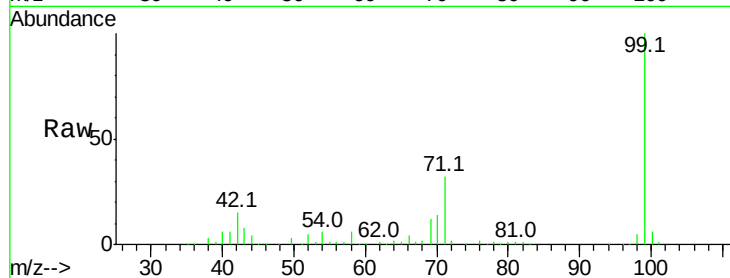
Tot Ion: 99 Resp: 185423

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

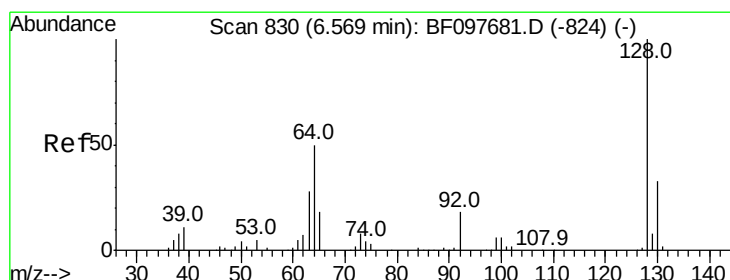
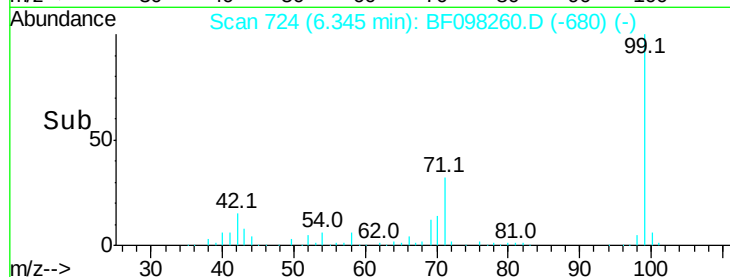
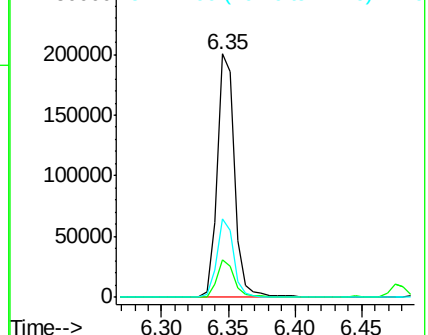
71 32.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 6.748 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

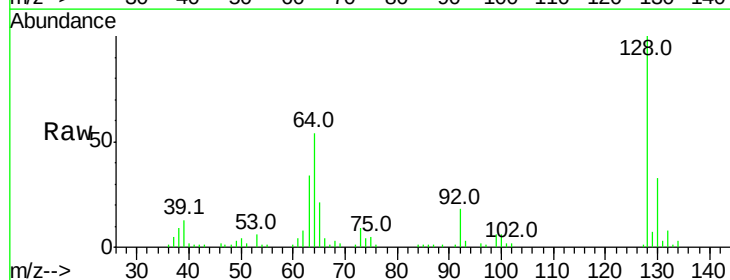
Tgt Ion: 128 Resp: 47727

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

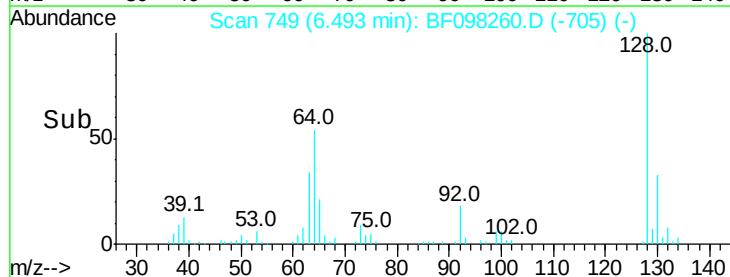
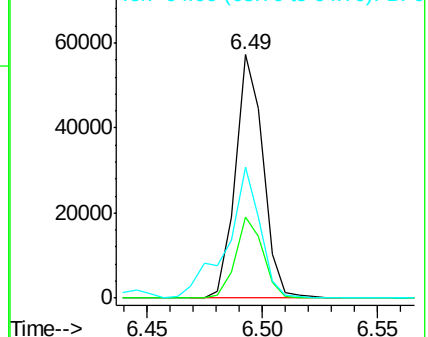
64 54.0 28.4 68.4

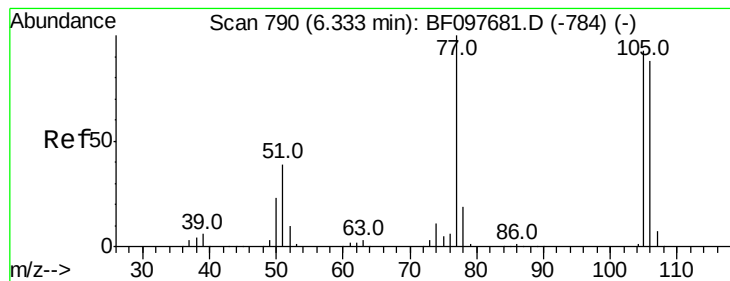


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.810 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampled :

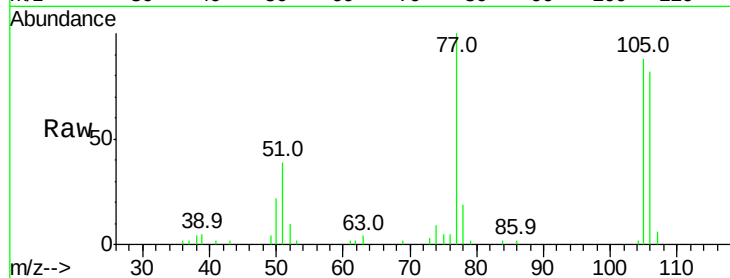
Tot Ion: 77 Resp: 16218

Ion Ratio Lower Upper

77 100

105 87.6 83.8 123.8

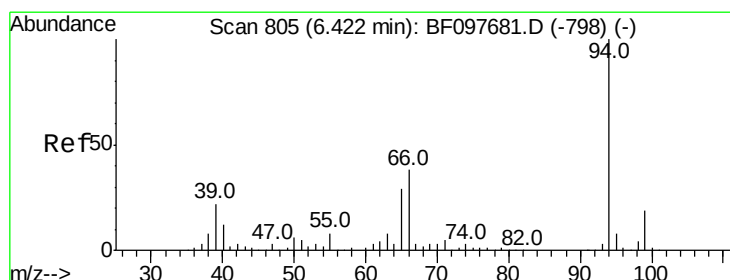
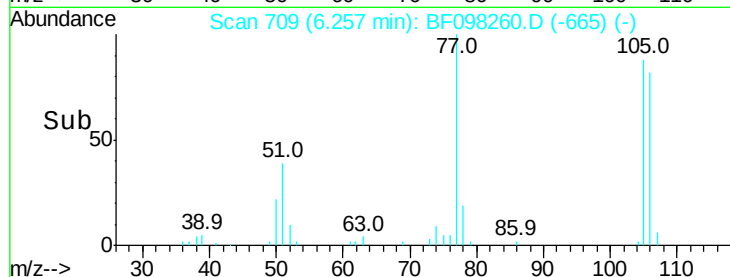
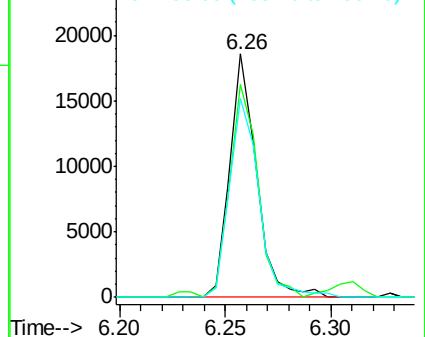
106 81.9 79.1 119.1



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: 6.669 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

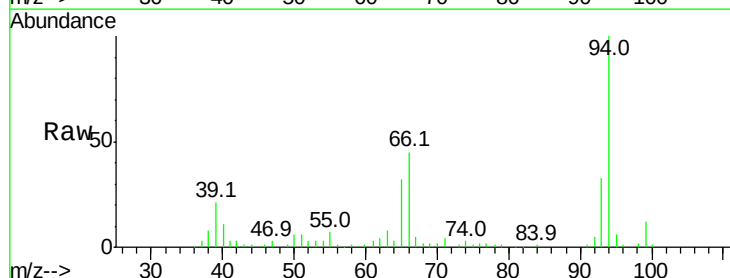
Tgt Ion: 94 Resp: 71072

Ion Ratio Lower Upper

94 100

65 31.6 9.9 49.9

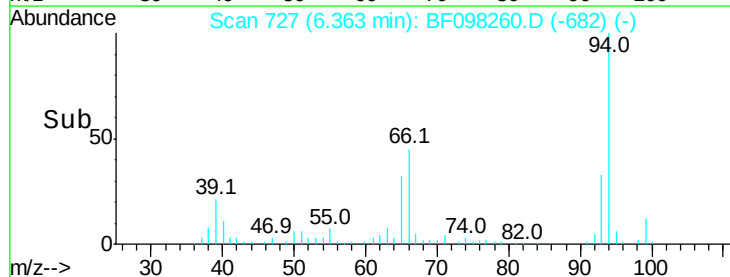
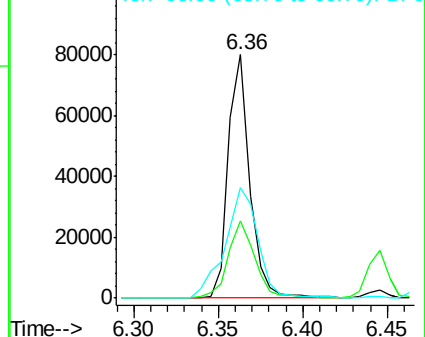
66 45.3 23.1 63.1

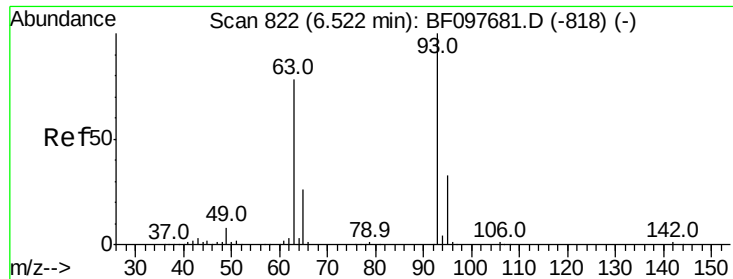


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 6.650 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

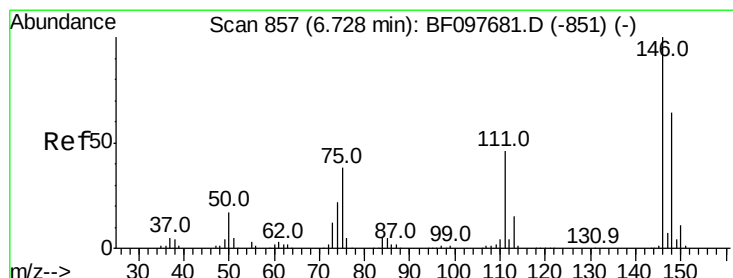
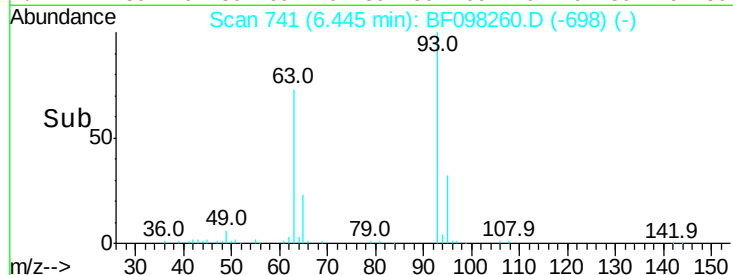
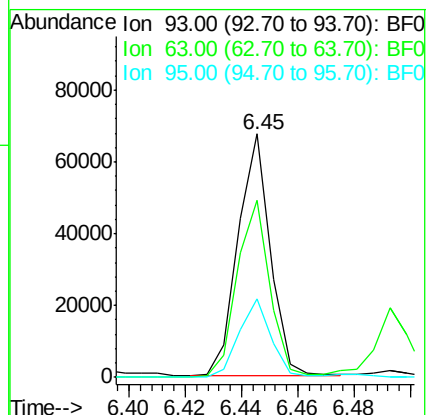
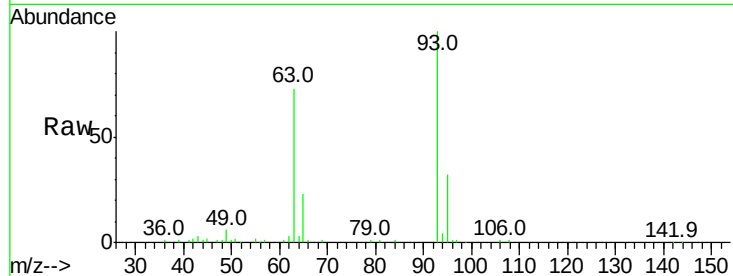
Tot Ion: 93 Resp: 53496

Ion Ratio Lower Upper

93 100

63 72.9 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 6.353 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

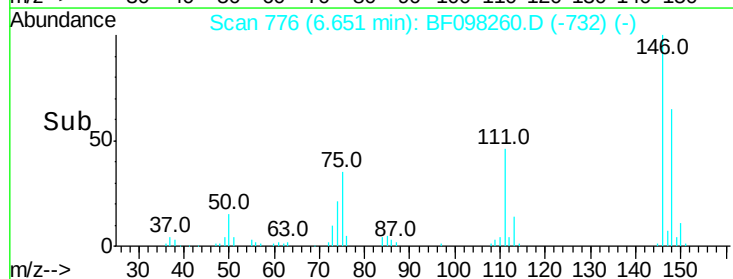
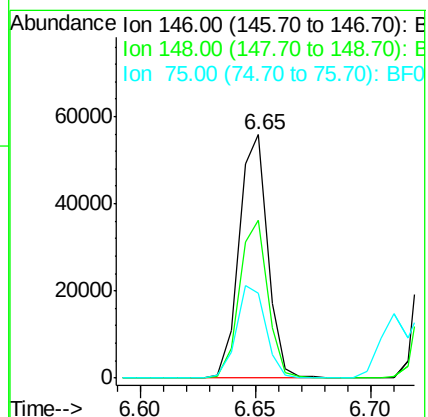
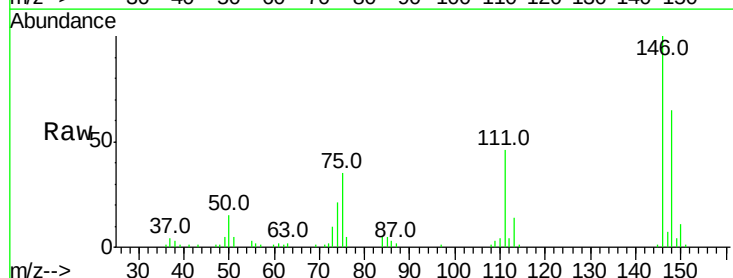
Tgt Ion: 146 Resp: 48336

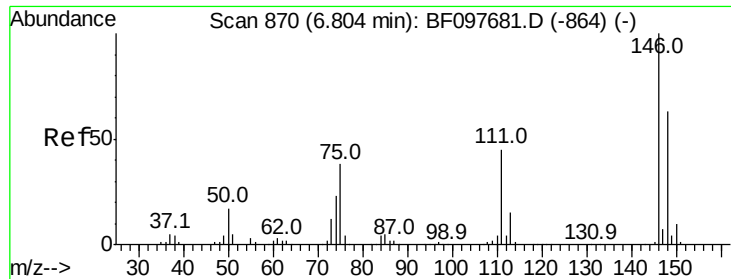
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

75 34.9 23.1 34.7#

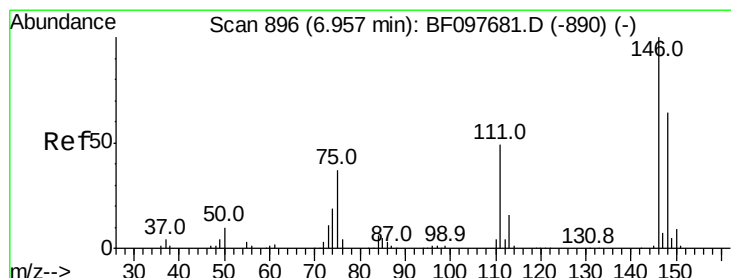
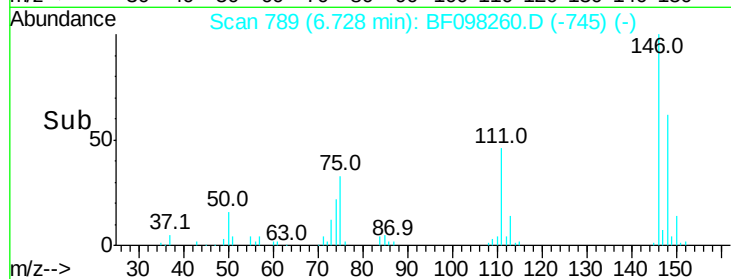
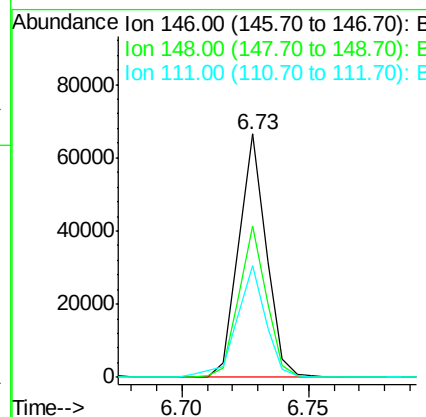
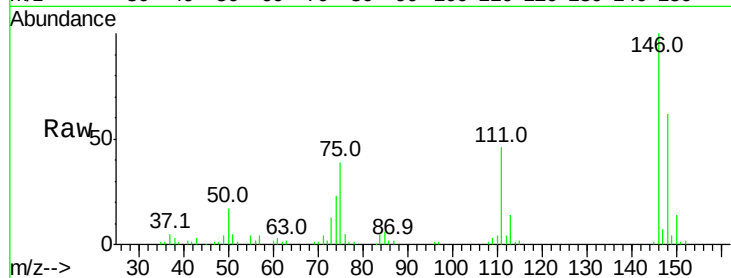




#13
 1,4-Dichlorobenzene
 Concen: 6.465 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

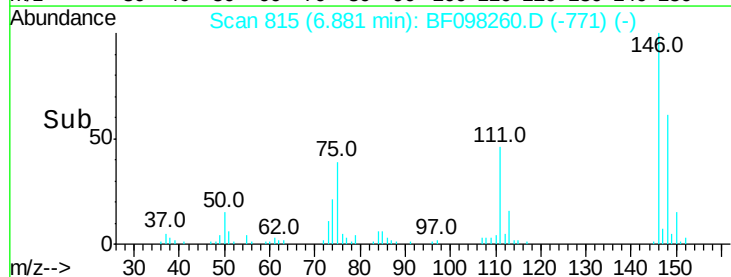
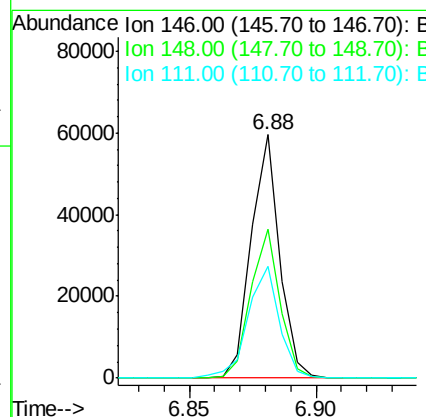
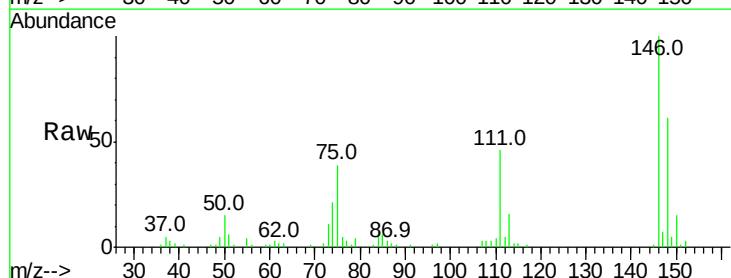
Instrument :
 BNA_F
 ClientSampled :

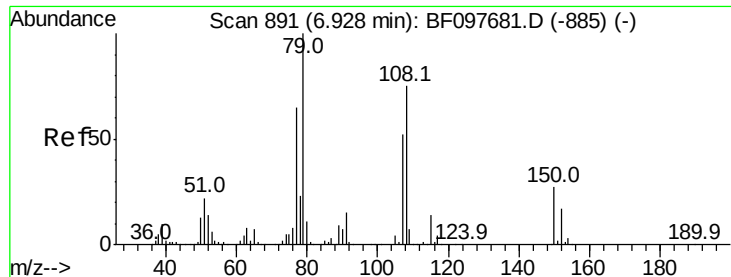
Tot Ion:146 Resp: 50025
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 111 46.1 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 6.499 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:146 Resp: 46371
 Ion Ratio Lower Upper
 146 100
 148 61.3 50.4 75.6
 111 45.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 6.757 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

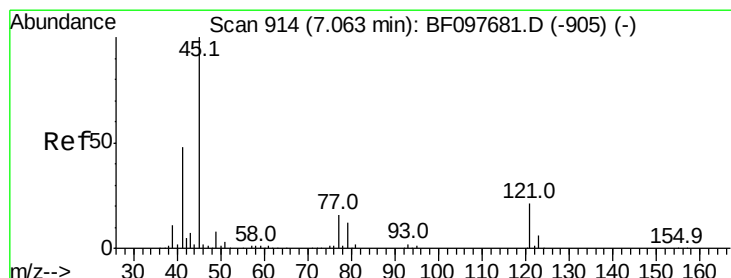
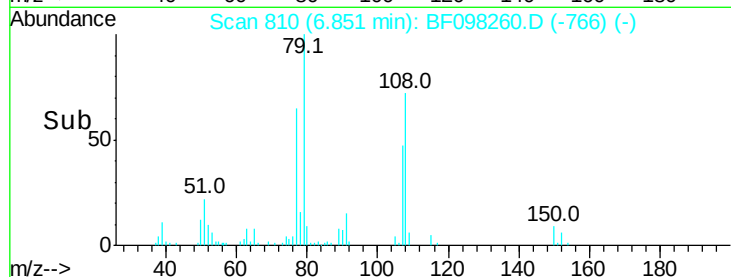
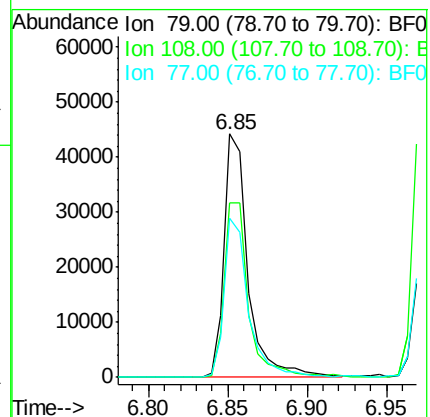
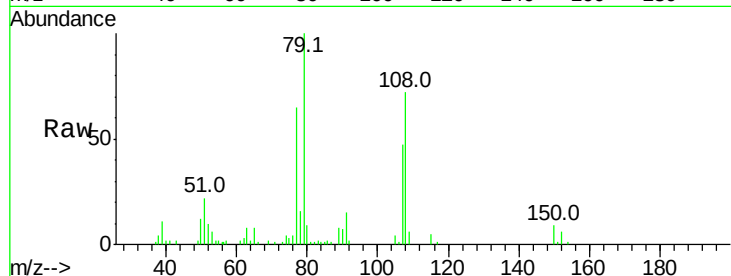
Tot Ion: 79 Resp: 46098

Ion Ratio Lower Upper

79 100

108 71.7 63.4 95.0

77 65.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.227 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

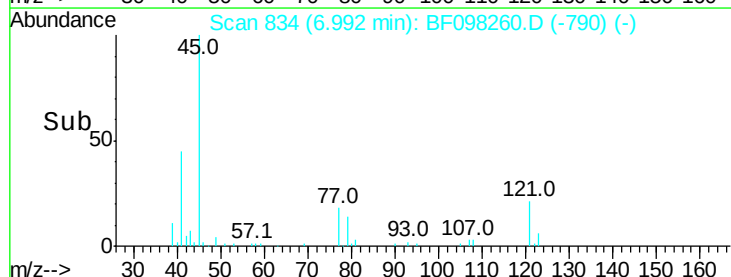
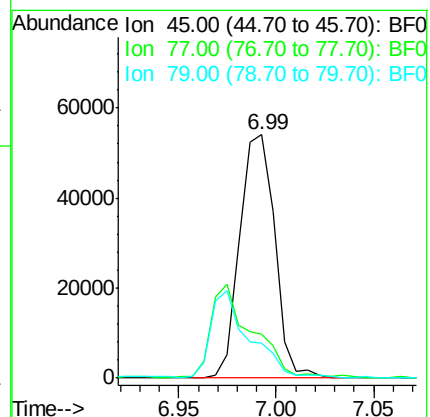
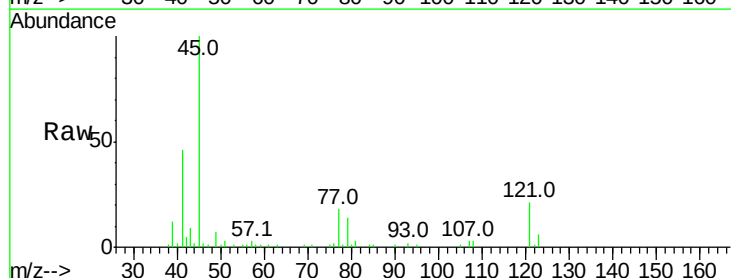
Tgt Ion: 45 Resp: 67392

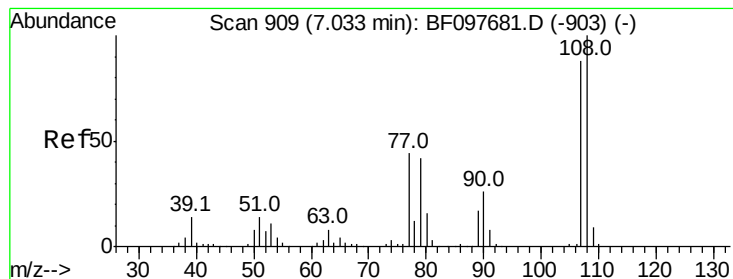
Ion Ratio Lower Upper

45 100

77 18.1 0.0 33.2

79 14.3 0.0 30.0

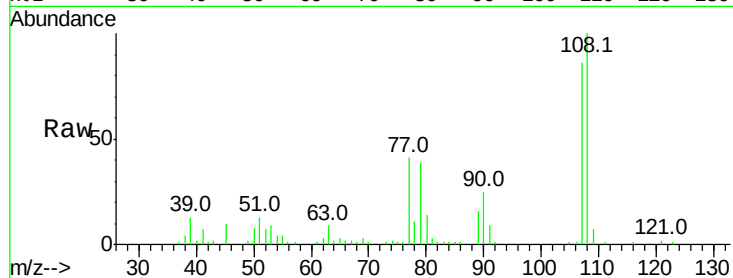




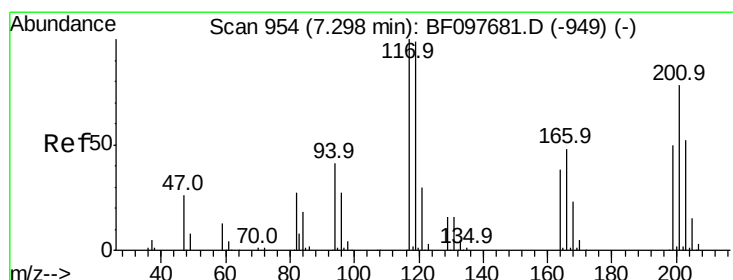
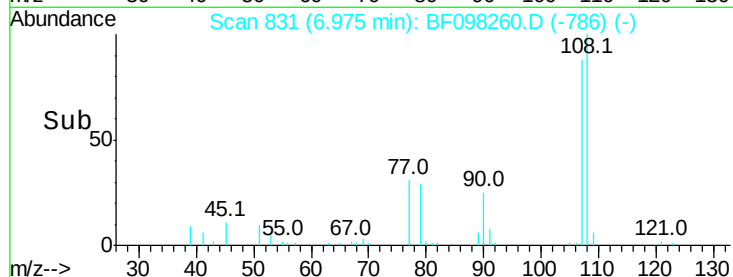
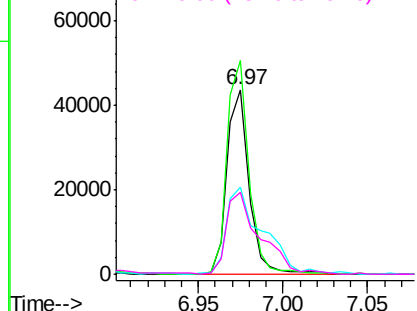
#17
2-Methylphenol
Concen: 6.424 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 40038
Ion Ratio Lower Upper
107 100
108 115.7 93.4 140.0
77 47.4 35.8 53.6
79 44.6 34.8 52.2

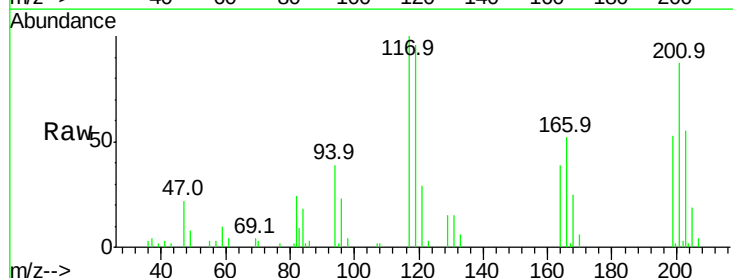


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

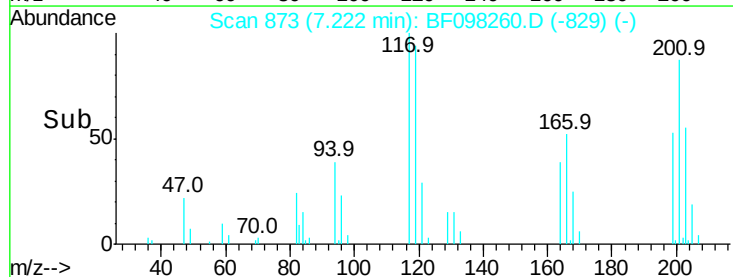
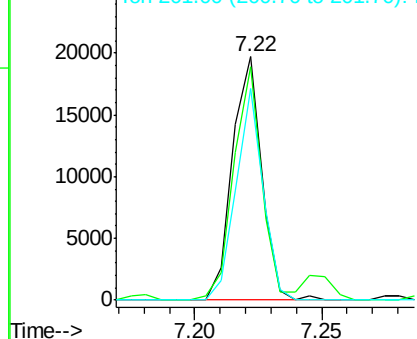


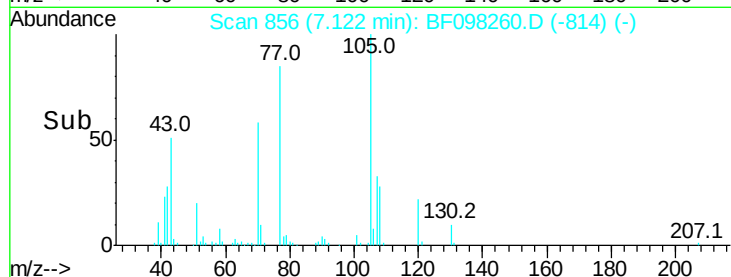
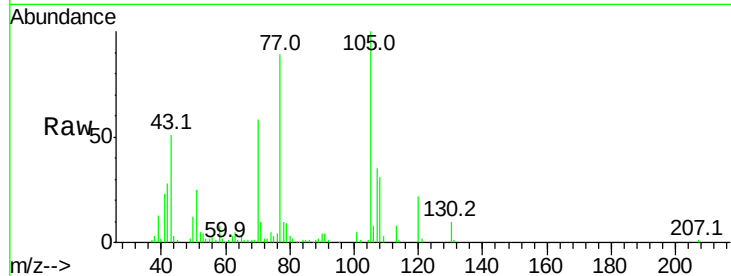
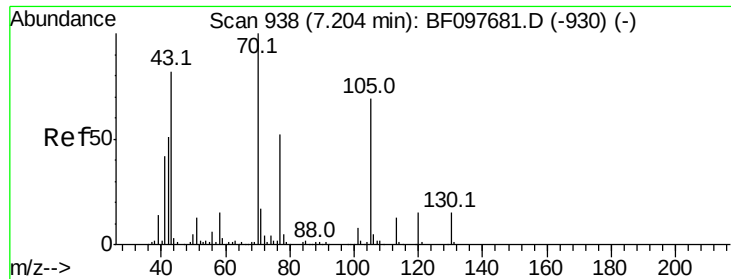
#18
Hexachloroethane
Concen: 5.218 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:117 Resp: 15830
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
201 87.0 94.6 141.8#



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

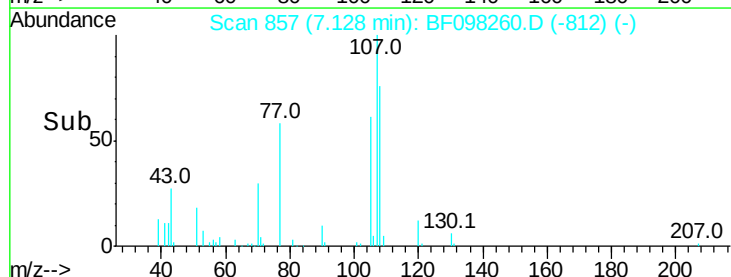
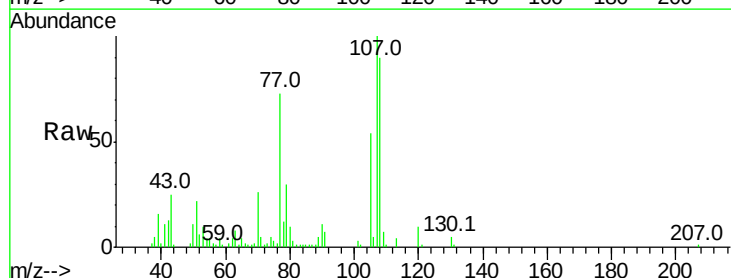
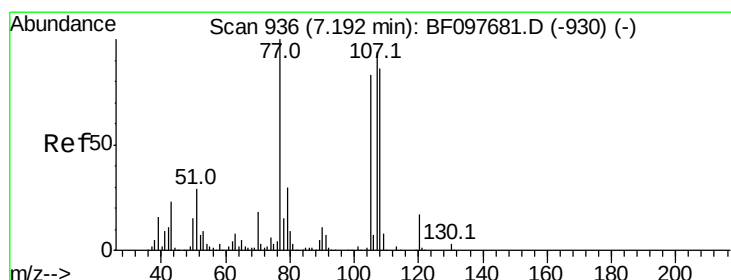
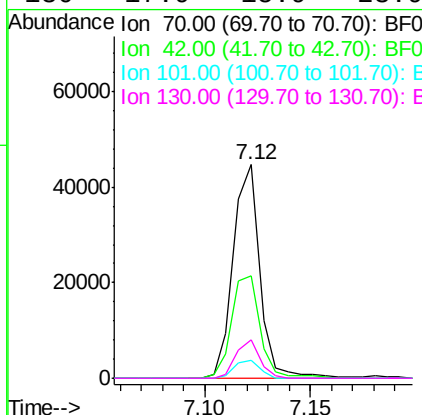




#19
n-Nitroso-di-n-propylamine
Concen: 6.241 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.05 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

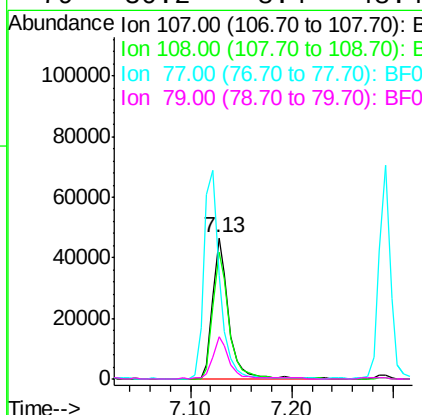
Instrument :
BNA_F
ClientSampleId :

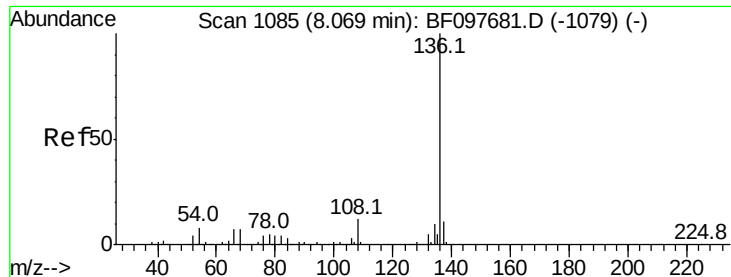
Tot Ion: 70 Resp: 38934
Ion Ratio Lower Upper
70 100
42 47.9 47.2 70.8
101 8.6 7.2 10.8
130 17.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 6.747 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion: 107 Resp: 51364
Ion Ratio Lower Upper
107 100
108 90.0 71.0 111.0
77 73.2 90.5 130.5#
79 30.2 8.4 48.4

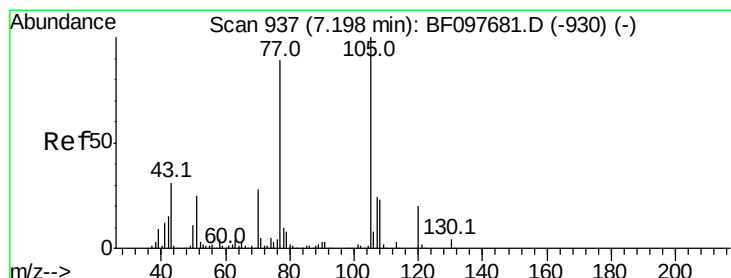
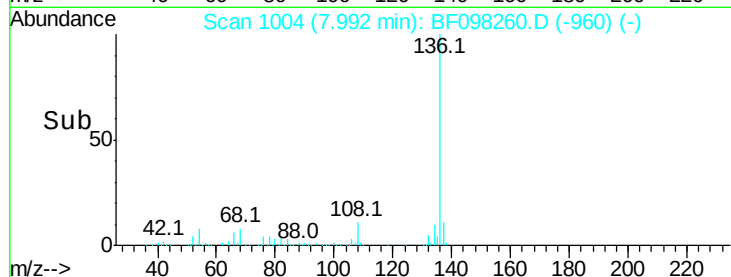
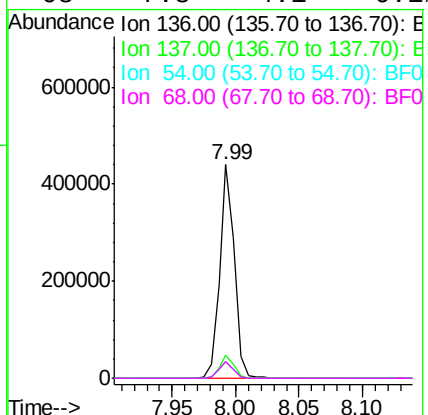
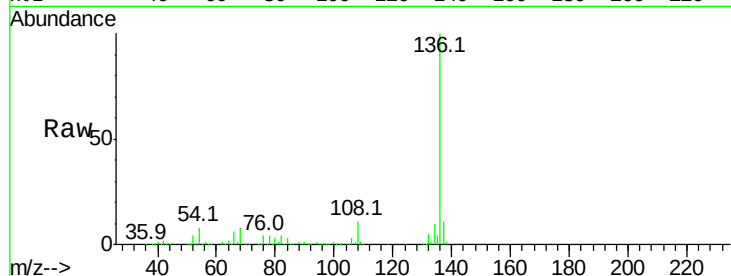




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

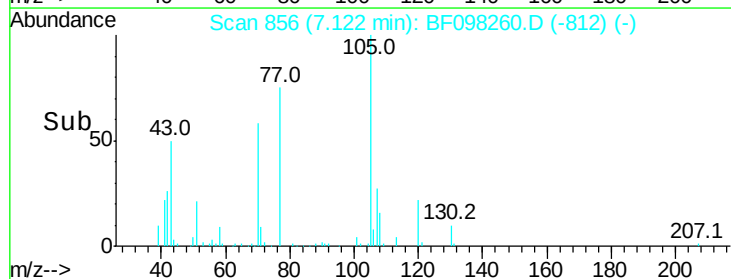
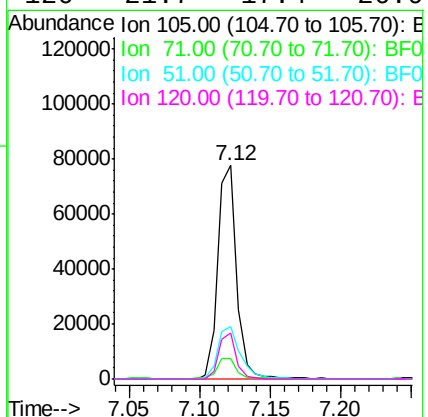
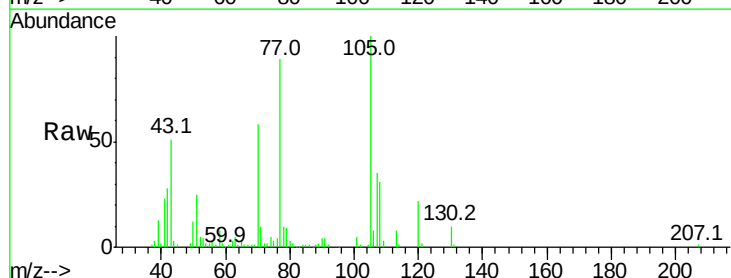
Instrument :
BNA_F
ClientSampleId :

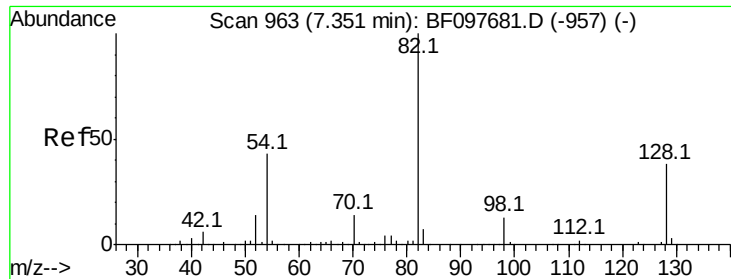
Tot Ion:136	Resp:	357305
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.9	4.9 7.3#
68	7.8	4.1 6.1#



#22
Acetophenone
Concen: 7.621 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:105	Resp:	71937
Ion Ratio	Lower	Upper
105	100	
71	9.5	2.8 4.2#
51	24.6	30.7 46.1#
120	21.7	17.4 26.0

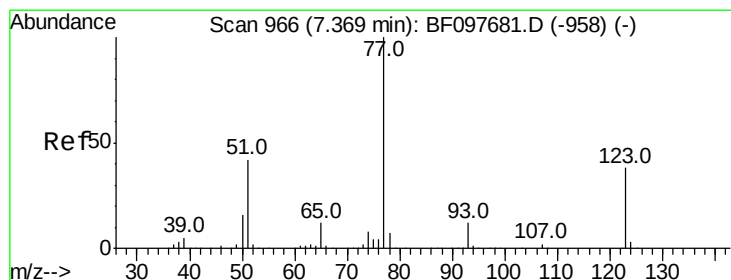
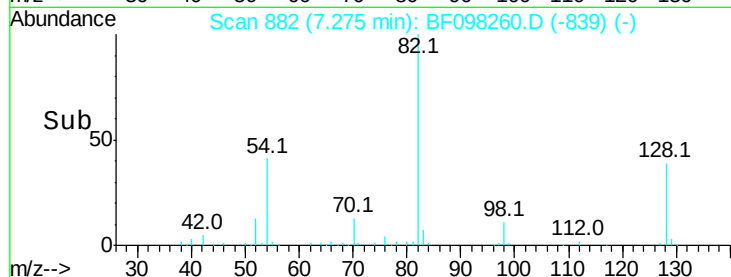
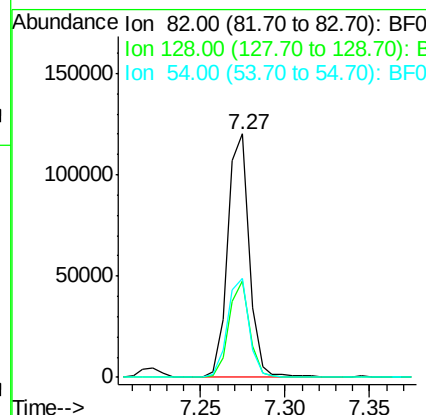
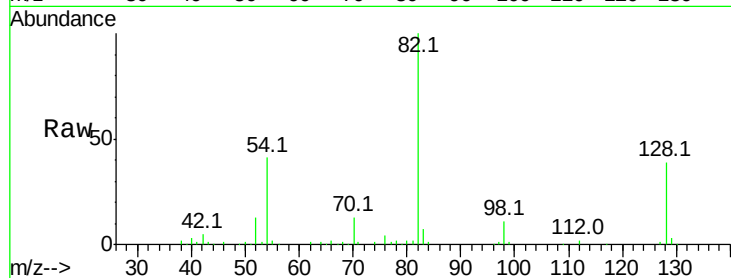




#23
 Nitrobenzene-d5
 Concen: 16.328 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.05 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

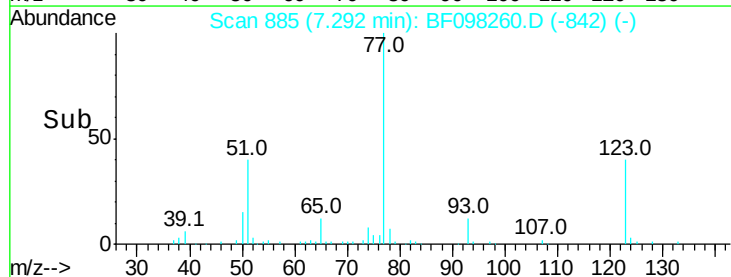
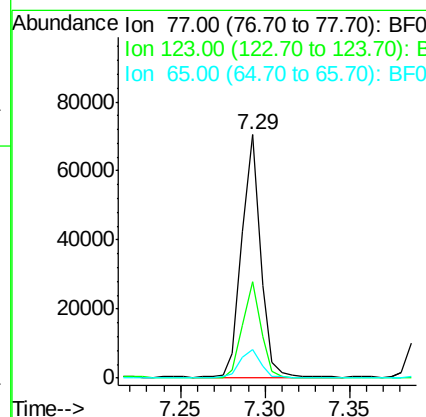
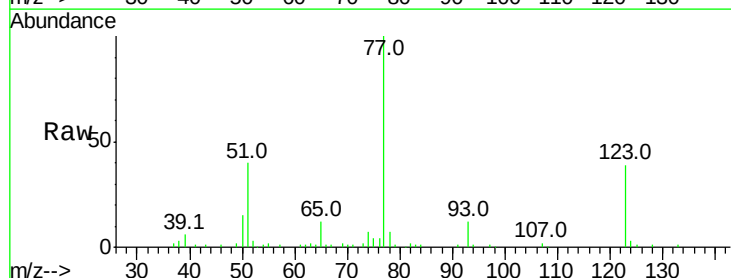
Instrument :
 BNA_F
 ClientSampleId :

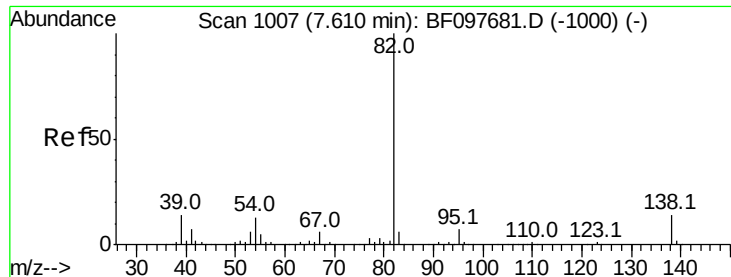
Tot Ion: 82 Resp: 107392
 Ion Ratio Lower Upper
 82 100
 128 39.5 34.0 51.0
 54 40.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 7.585 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.05 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion: 77 Resp: 55549
 Ion Ratio Lower Upper
 77 100
 123 39.4 35.8 53.8
 65 11.6 10.6 15.8





#25

Isophorone

Concen: 7.039 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

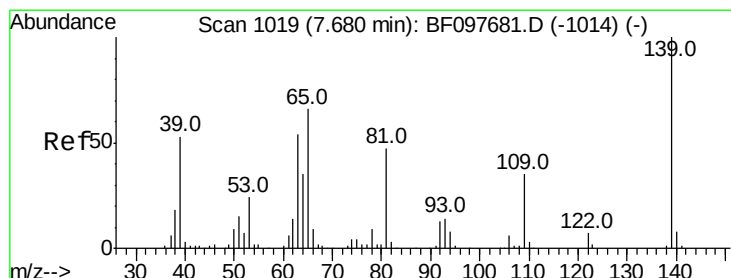
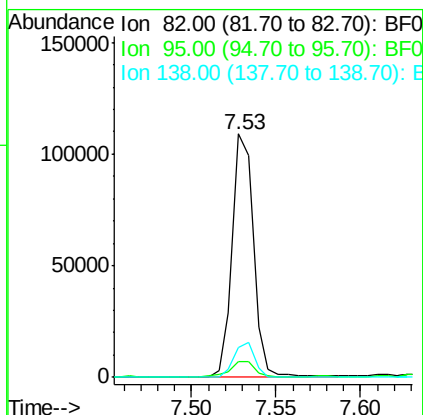
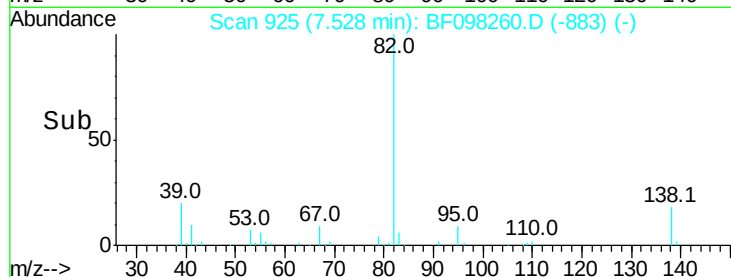
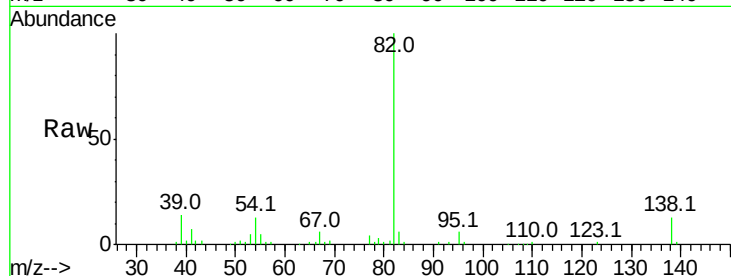
Tot Ion: 82 Resp: 96272

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 12.5 13.1 19.7#



#26

2-Nitrophenol

Concen: 11.210 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

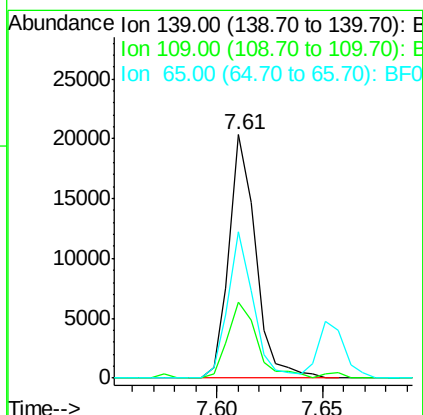
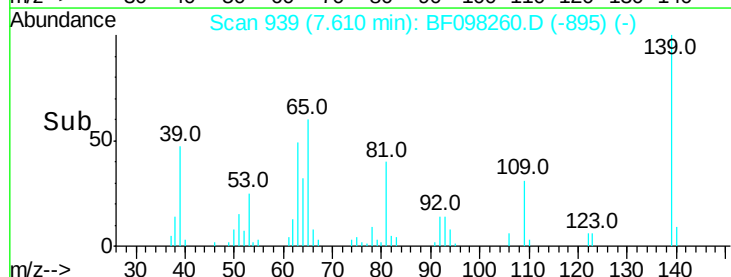
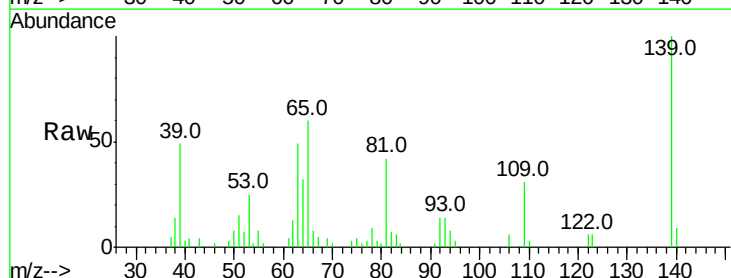
Tgt Ion: 139 Resp: 17735

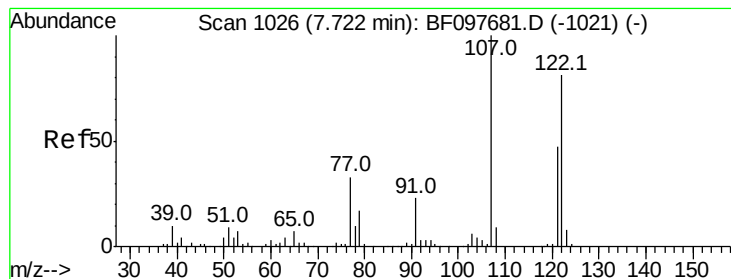
Ion Ratio Lower Upper

139 100

109 31.0 21.0 31.6

65 59.9 33.0 49.6#

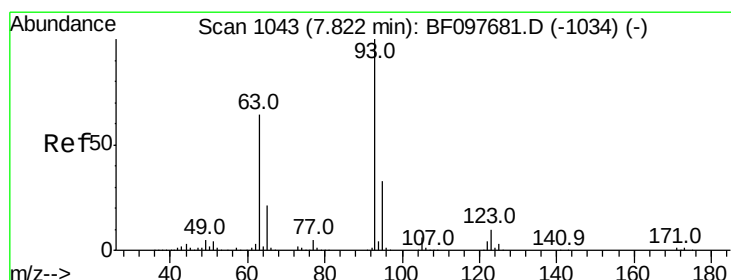
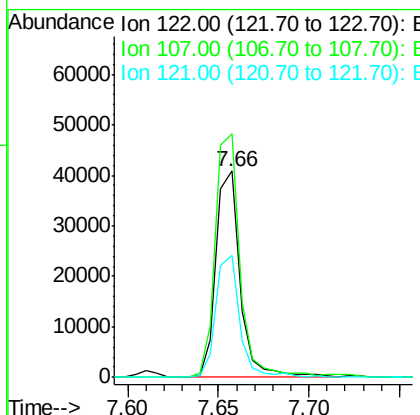
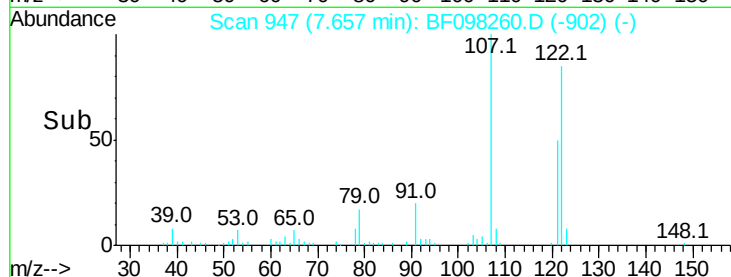
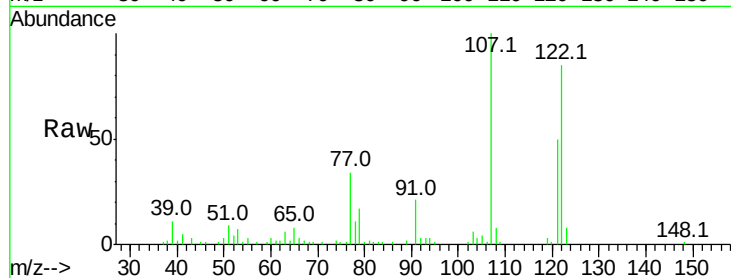




#27
 2,4-Dimethylphenol
 Concen: 6.692 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

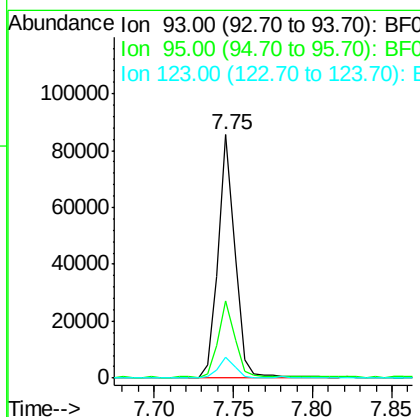
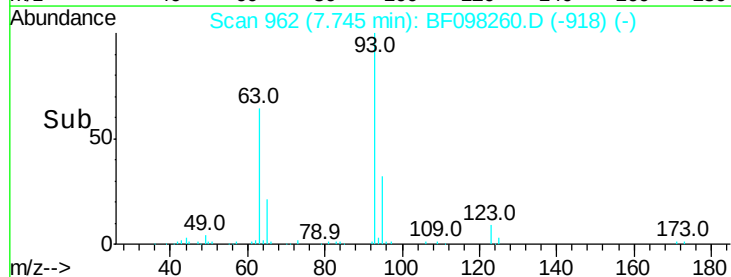
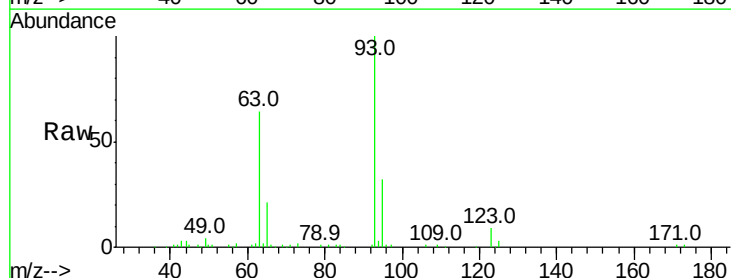
Instrument :
 BNA_F
 ClientSampleId :

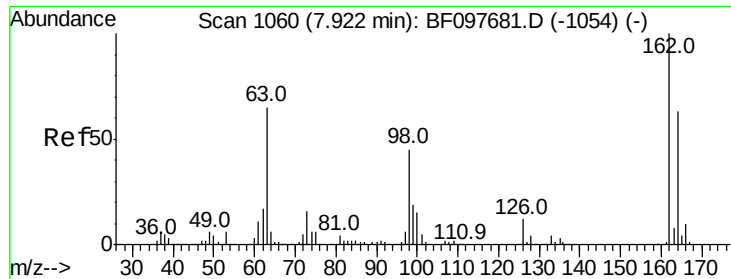
Tot Ion:122 Resp: 38170
 Ion Ratio Lower Upper
 122 100
 107 118.1 89.2 133.8
 121 58.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.076 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion: 93 Resp: 63619
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.5 39.7
 123 8.6 9.0 13.4#

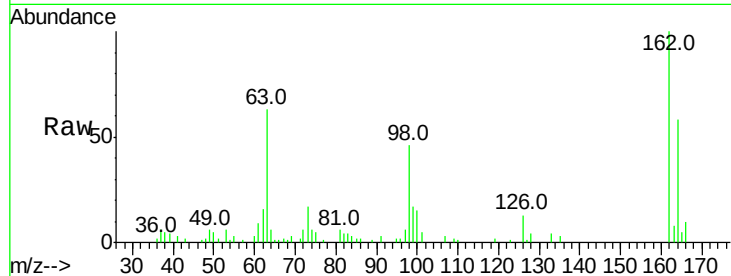




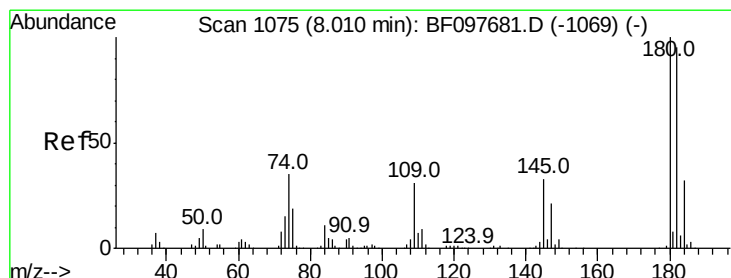
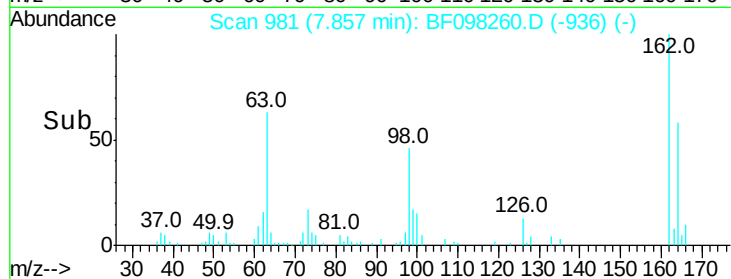
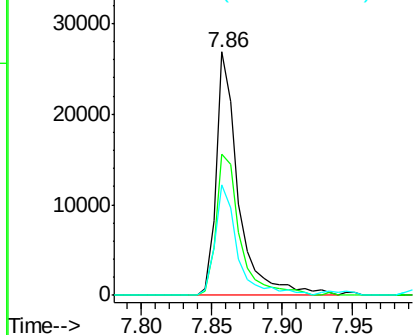
#29
 2,4-Dichlorophenol
 Concen: 6.207 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.2	44.6	84.6
98	45.7	14.8	54.8

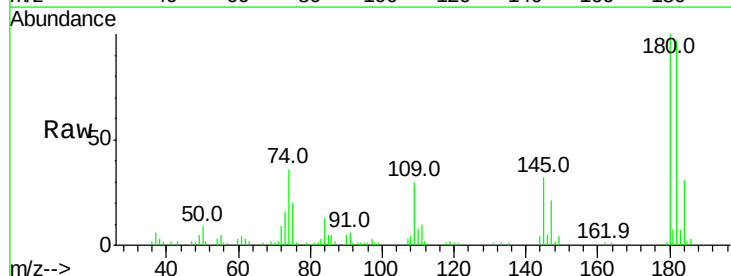


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

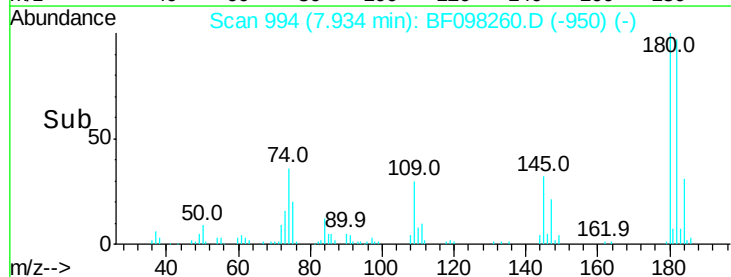
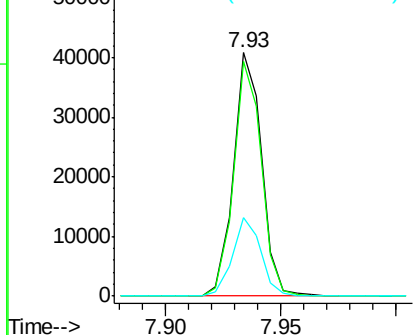


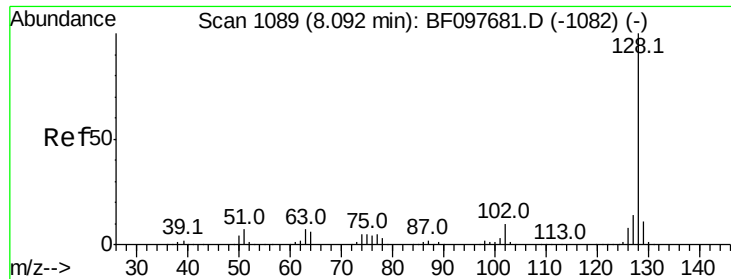
#30
 1,2,4-Trichlorobenzene
 Concen: 6.593 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	32.4	25.3	37.9



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

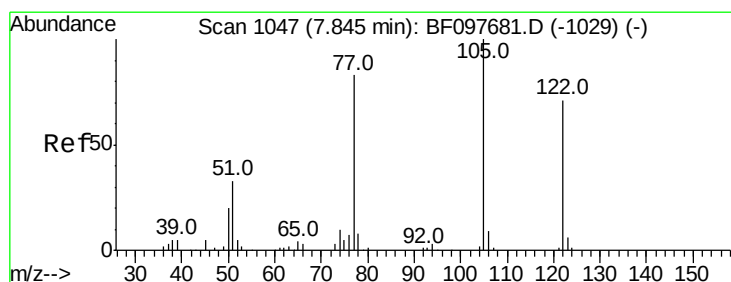
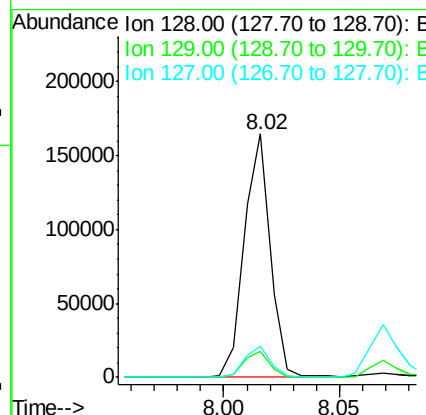
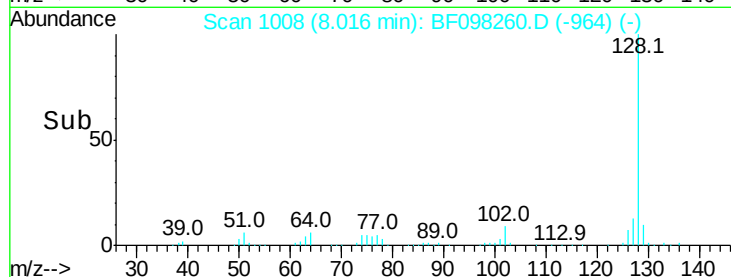
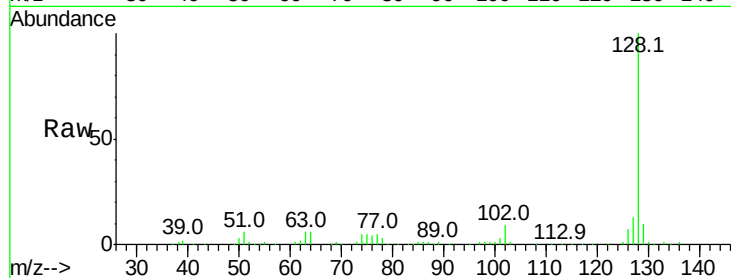




#31
Naphthalene
Concen: 7.021 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

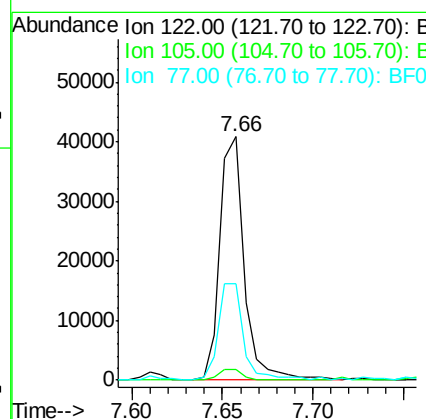
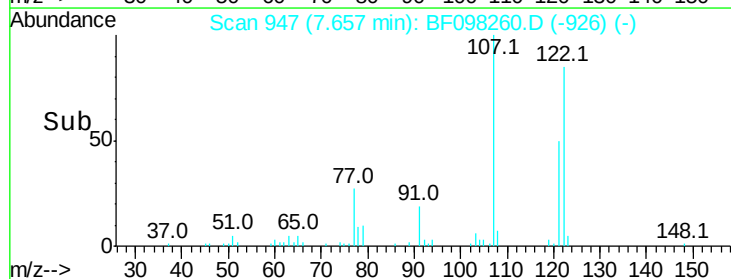
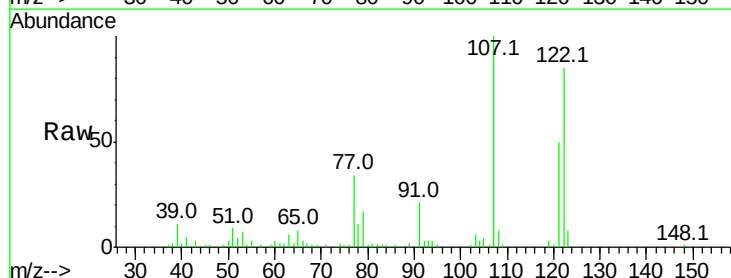
Instrument :
BNA_F
ClientSampleId :

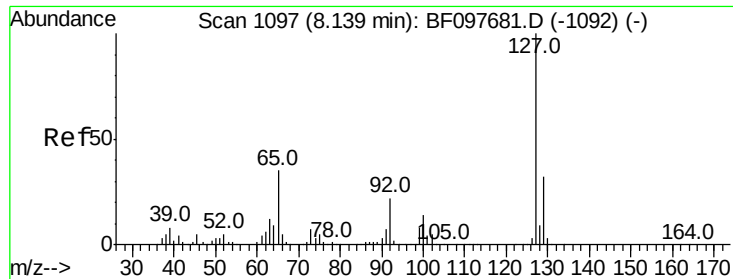
Tot Ion:128 Resp: 130243
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 14.364 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.18 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:122 Resp: 38170
Ion Ratio Lower Upper
122 100
105 4.4 103.3 143.3#
77 39.7 73.7 113.7#

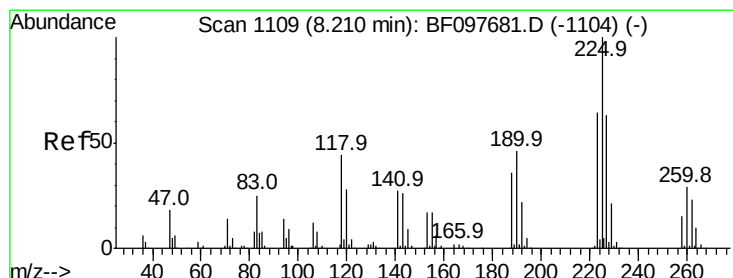
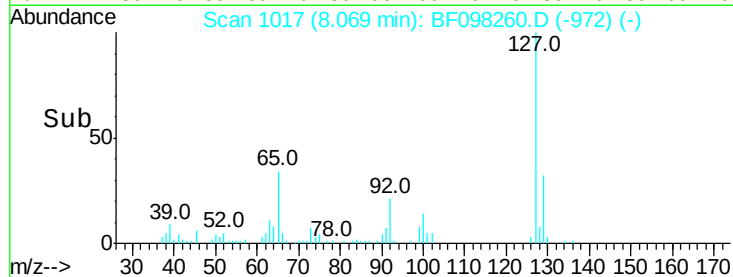
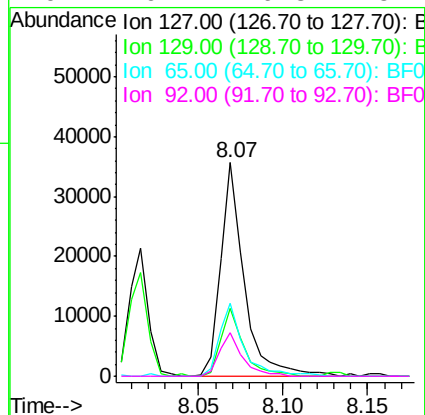
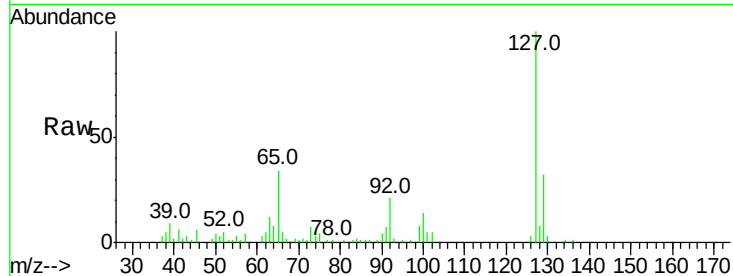




#33
4-Chloroaniline
Concen: 4.448 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

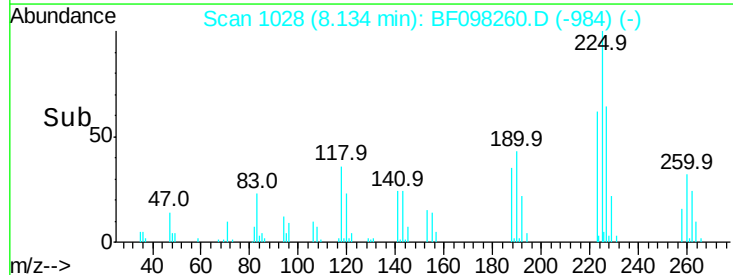
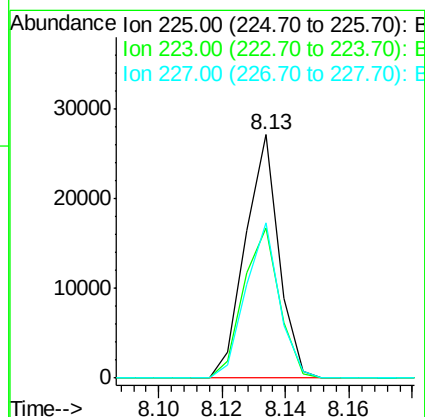
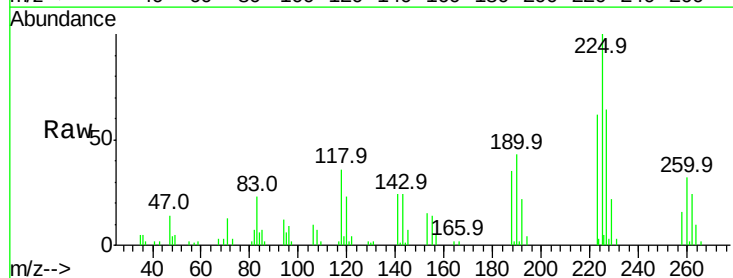
Instrument :
BNA_F
ClientSampleId :

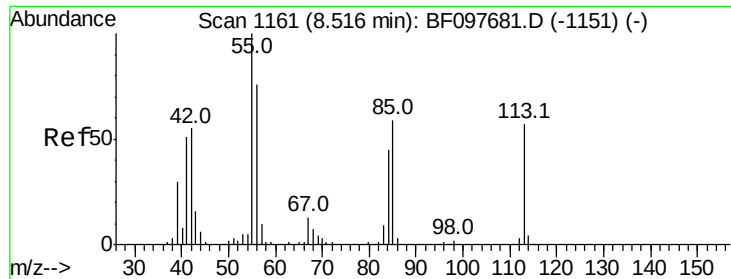
Tot Ion:	127	Resp:	34796
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	34.0	27.8	41.8
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 6.451 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:	225	Resp:	19768
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	64.0	51.1	76.7

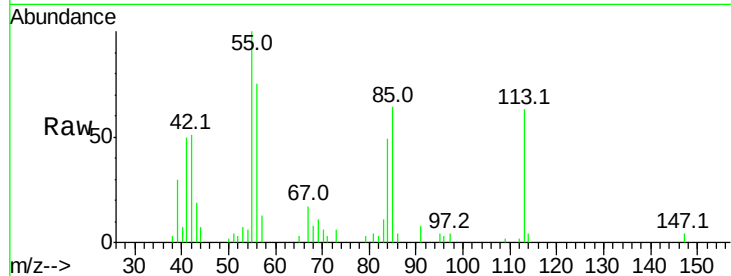




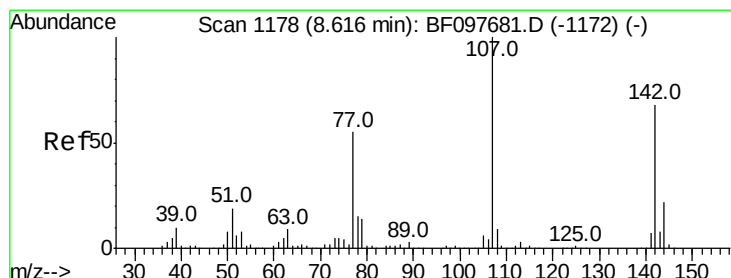
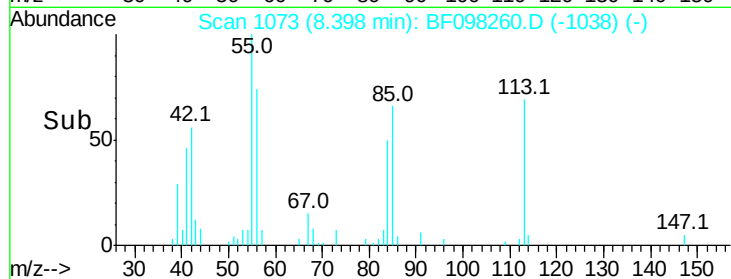
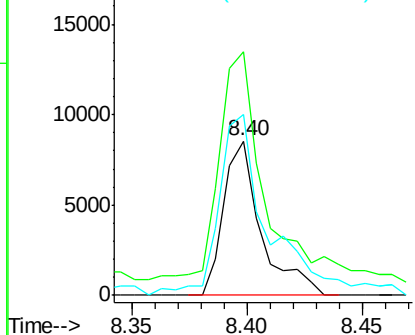
#35
 Caprolactam
 Concen: 5.967 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.09 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 9605
 Ion Ratio Lower Upper
 113 100
 55 157.9 150.2 190.2
 56 117.6 107.8 147.8

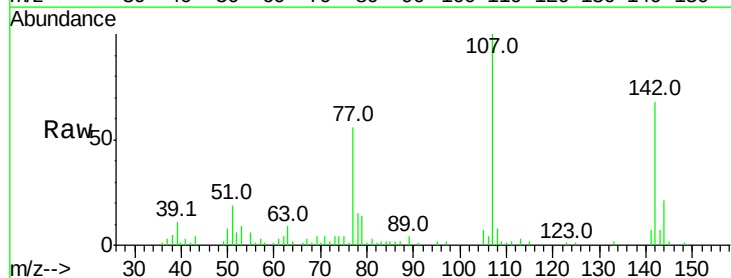


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

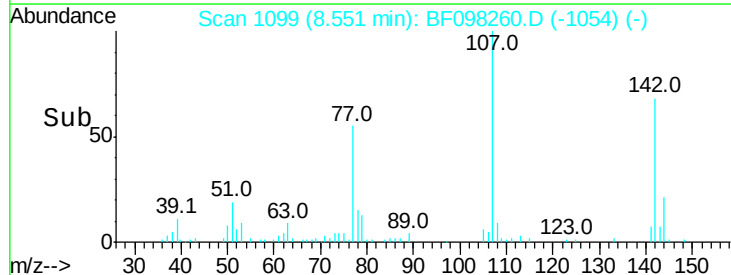
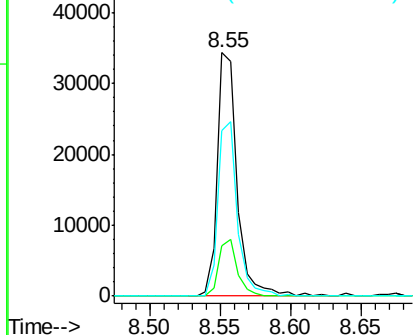


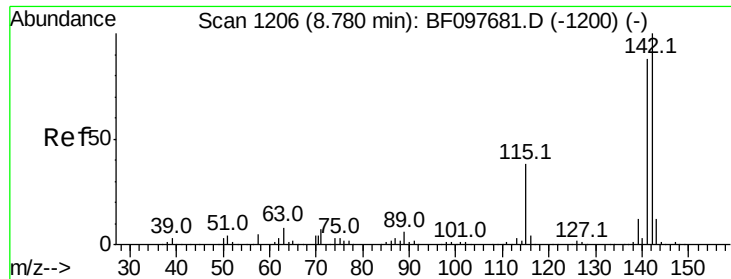
#36
 4-Chloro-3-methylphenol
 Concen: 5.530 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:107 Resp: 33640
 Ion Ratio Lower Upper
 107 100
 144 20.9 24.2 36.4#
 142 67.8 73.4 110.0#



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

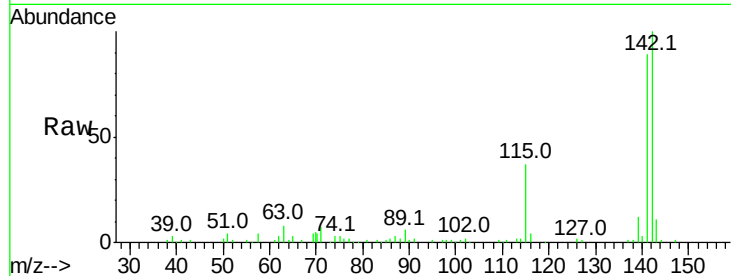




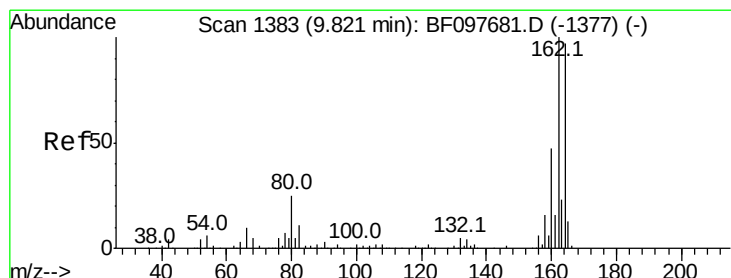
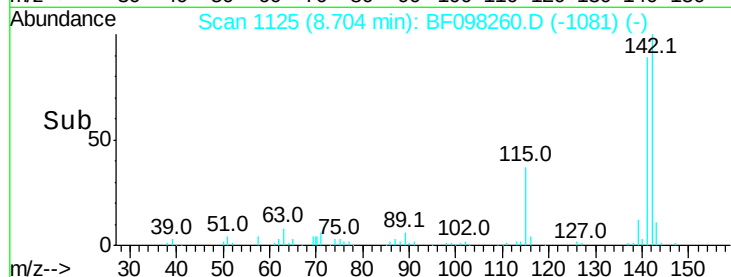
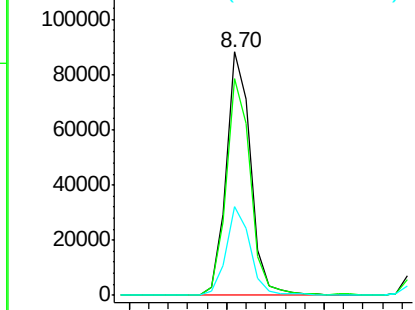
#37
 2-Methylnaphthalene
 Concen: 6.695 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 76135
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9
 115 36.7 27.1 40.7

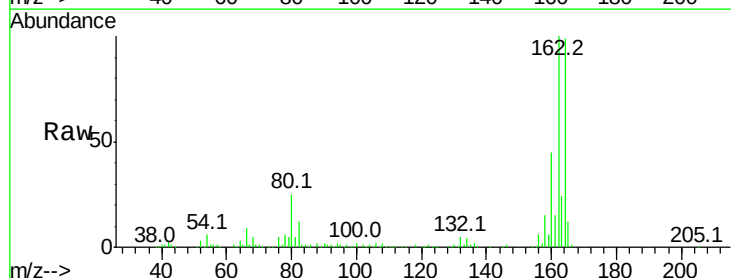


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

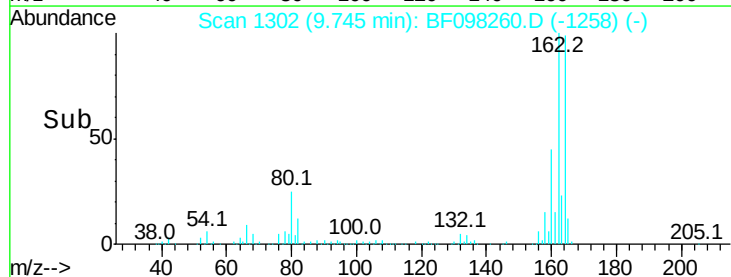
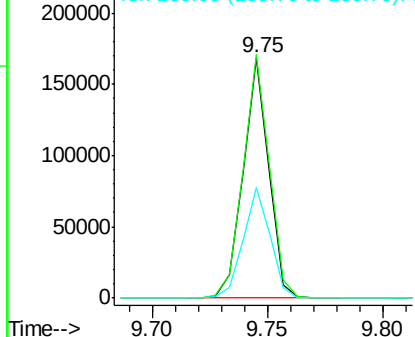


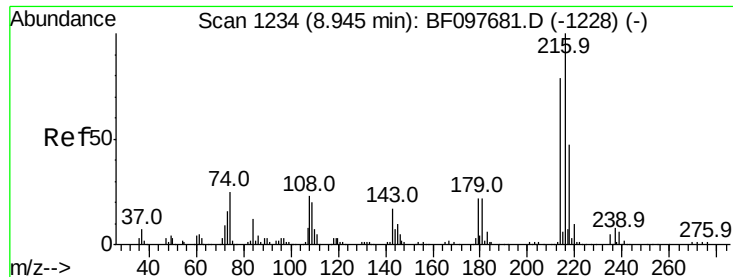
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:164 Resp: 130122
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 46.0 36.2 54.2



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

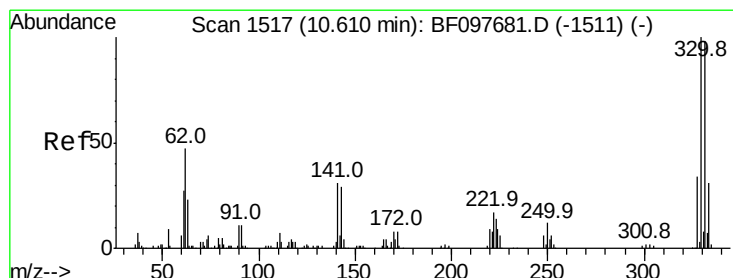
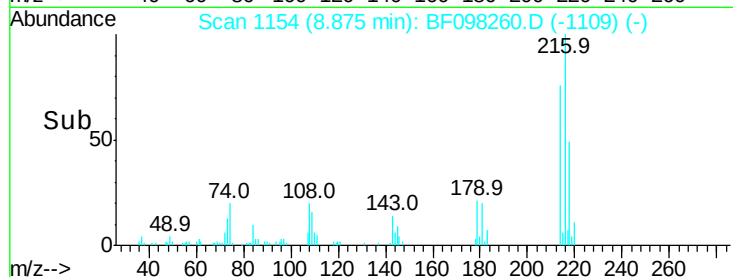
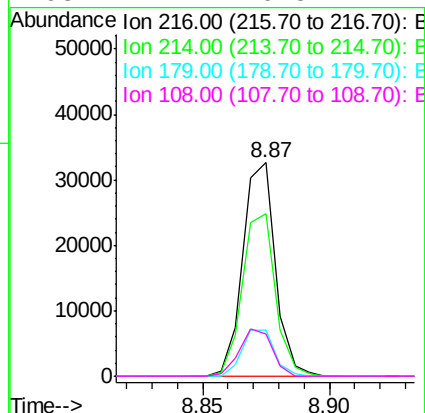
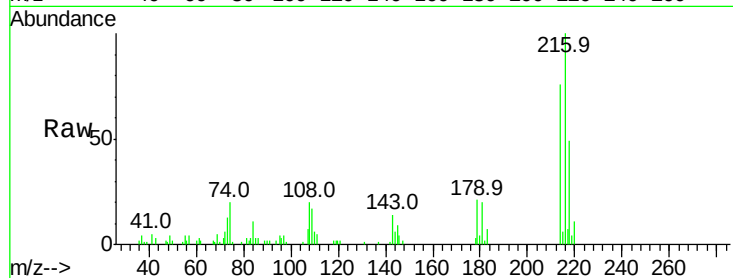




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.307 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

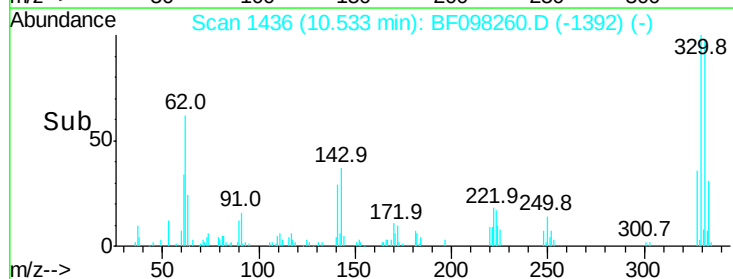
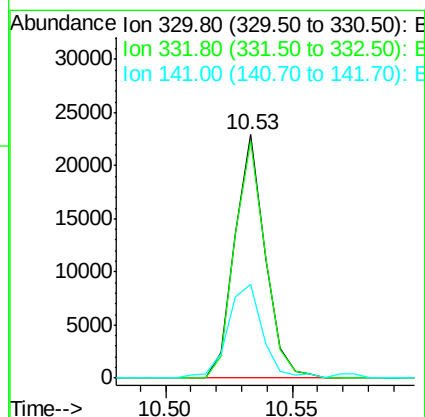
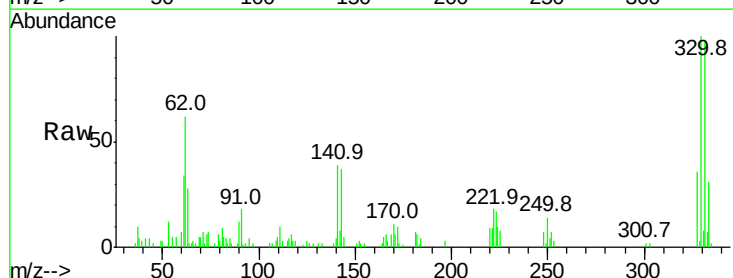
Instrument :
 BNA_F
 ClientSampled :

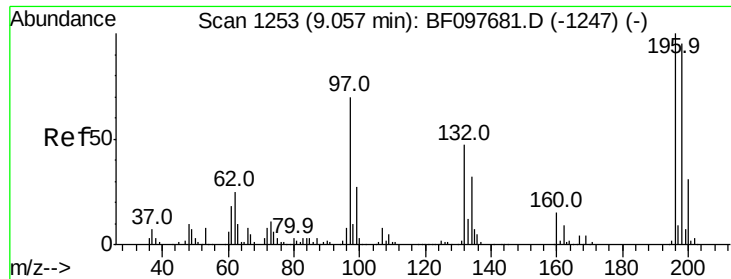
Tot Ion:	216	Resp:	29179
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.4	95.2
179	21.8	17.9	26.9
108	22.4	16.5	24.7



#41
 2,4,6-Tribromophenol
 Concen: 16.874 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:	330	Resp:	19051
Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	44.6	31.4	47.2

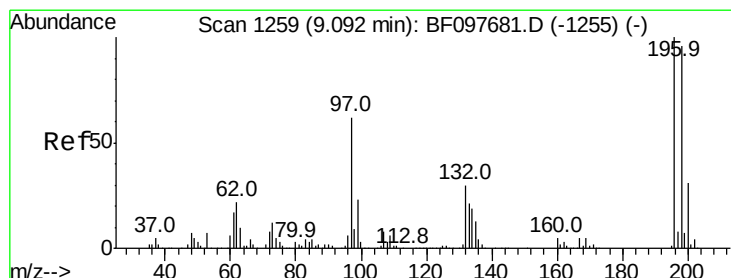
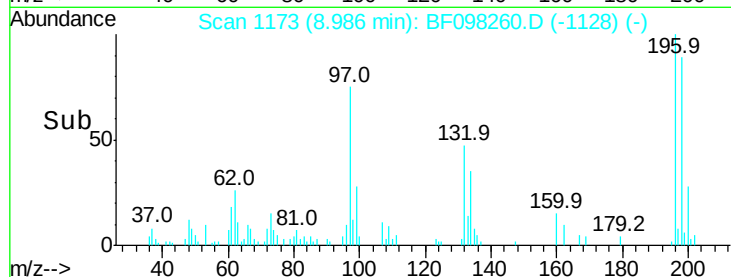
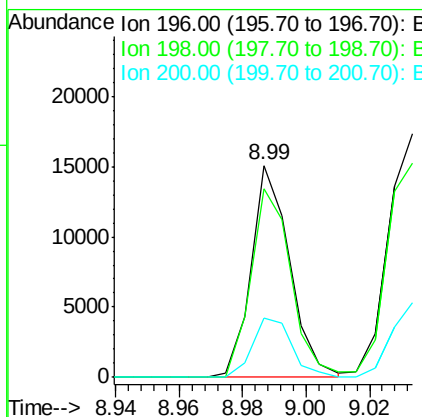
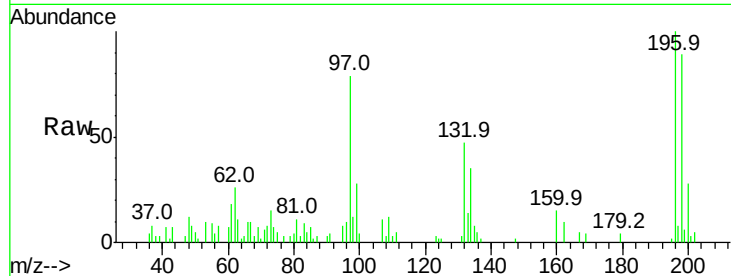




#42
 2,4,6-Trichlorophenol
 Concen: 4.756 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

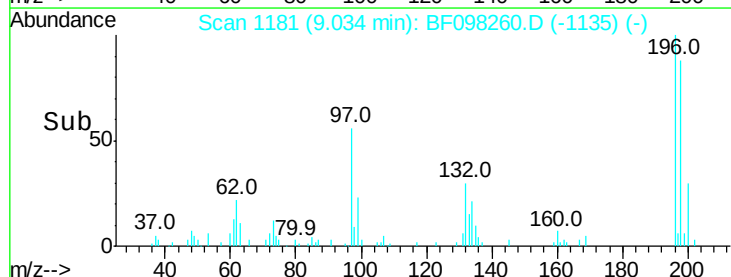
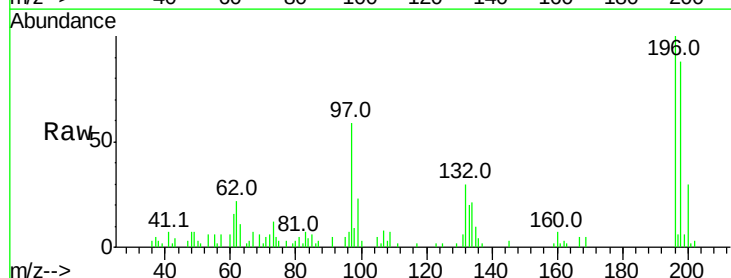
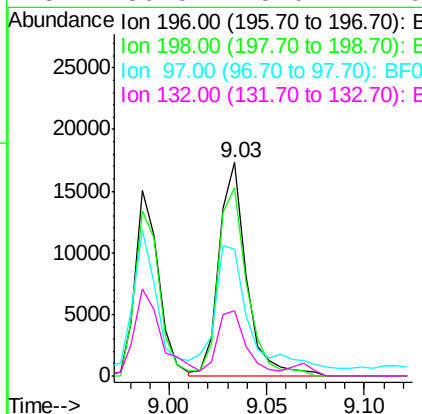
Instrument :
 BNA_F
 ClientSampled :

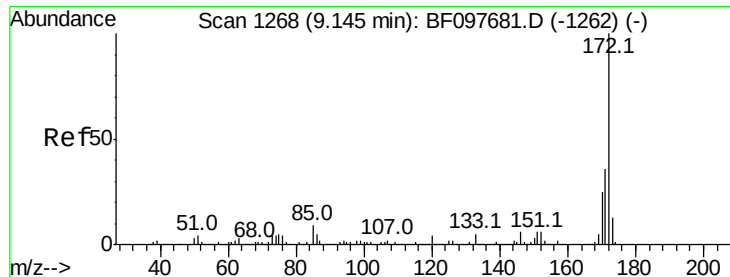
Tot Ion:196 Resp: 12751
 Ion Ratio Lower Upper
 196 100
 198 89.0 74.2 111.4
 200 27.9 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 6.377 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:196 Resp: 16961
 Ion Ratio Lower Upper
 196 100
 198 88.2 75.7 113.5
 97 59.3 47.7 71.5
 132 30.5 28.0 42.0

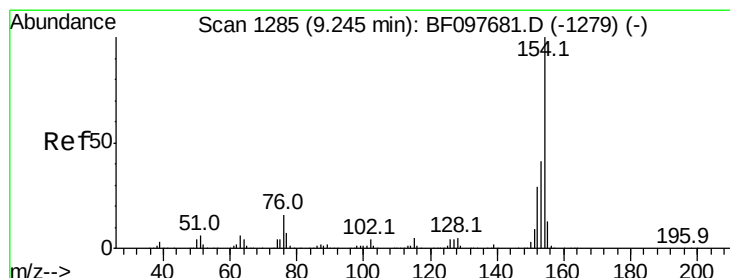
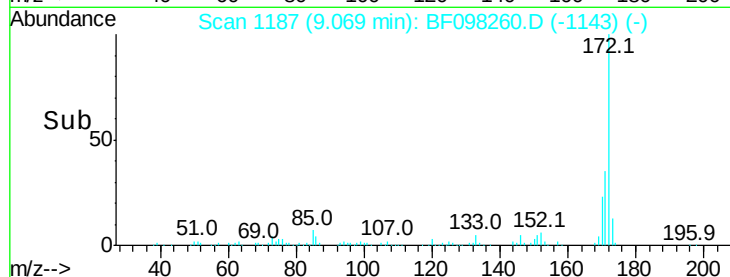
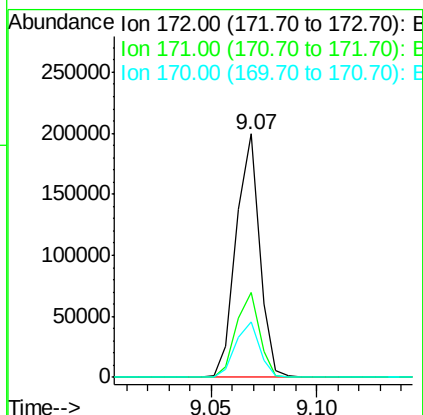
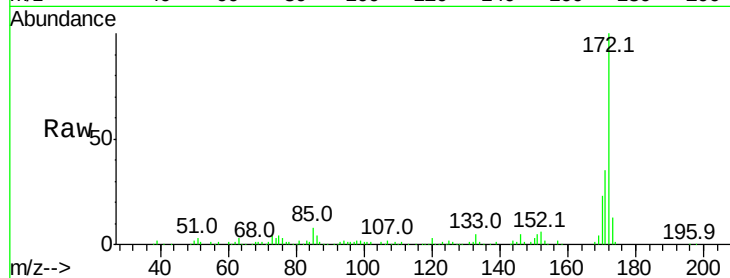




#44
 2-Fluorobiphenyl
 Concen: 17.219 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

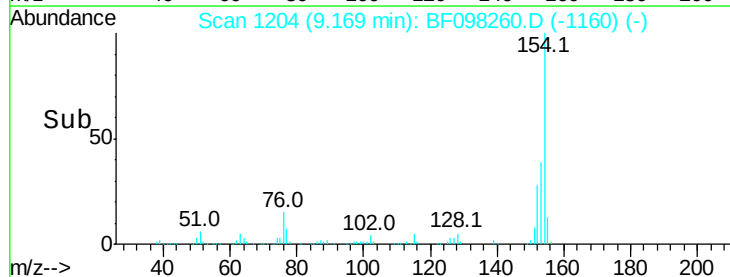
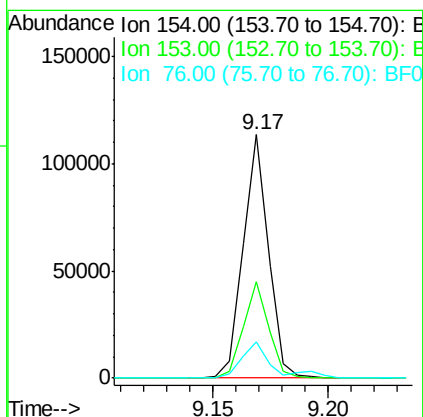
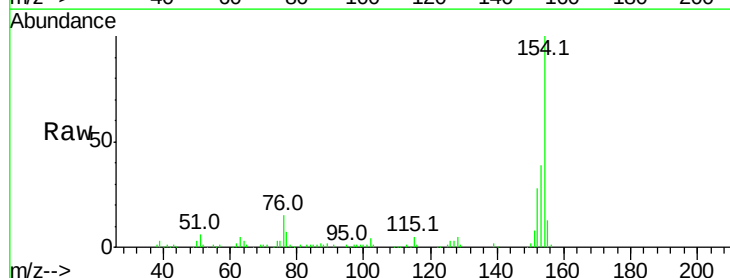
Instrument :
 BNA_F
 ClientSampleId :

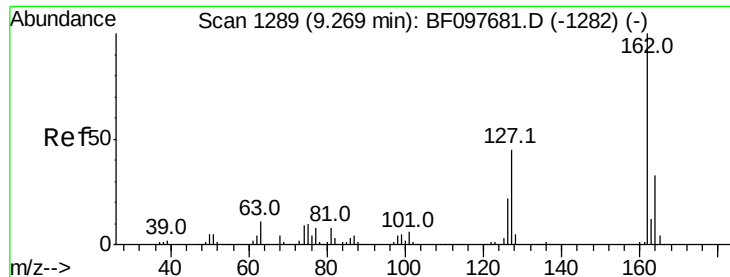
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.0	19.8	29.8



#45
 1,1'-Biphenyl
 Concen: 7.312 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.2	61.2
76	14.7	0.0	29.9

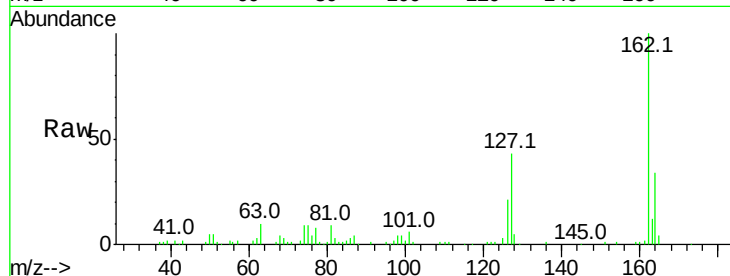




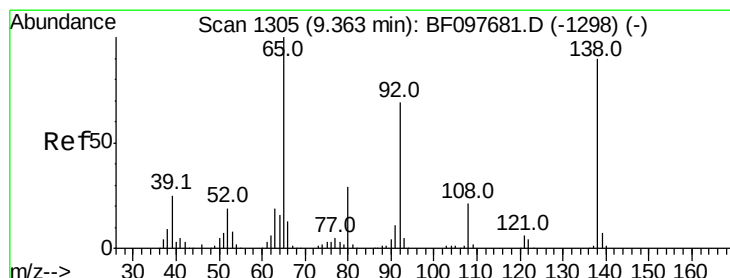
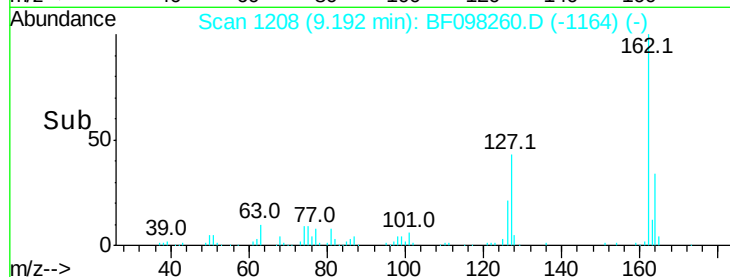
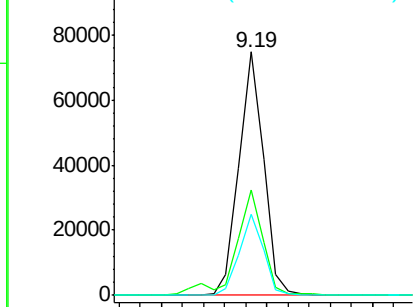
#46
 2-Chloronaphthalene
 Concen: 6.873 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	28.3	42.5#
164	33.5	27.0	40.4

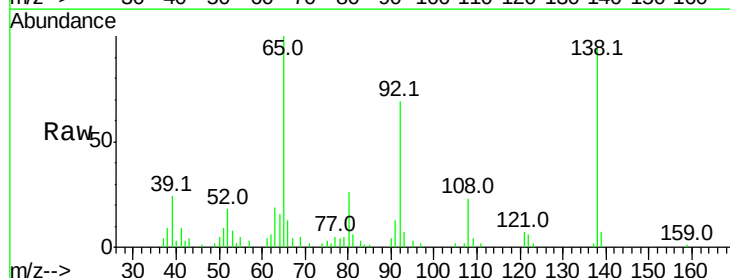


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

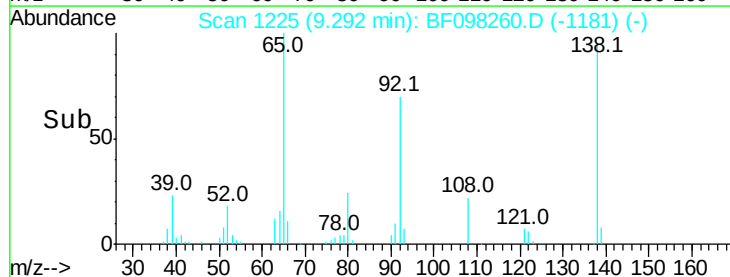
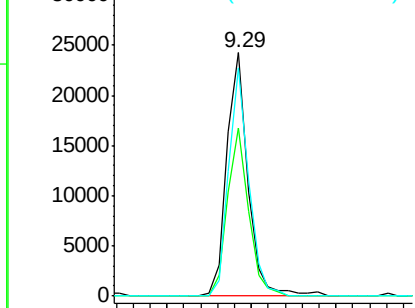


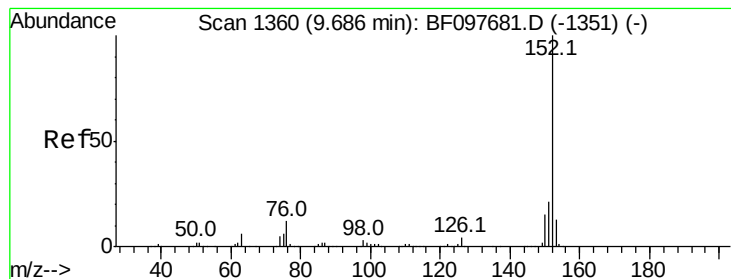
#47
 2-Nitroaniline
 Concen: 7.214 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	93.8	78.8	118.2



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): E





#48

Acenaphthylene

Concen: 7.101 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

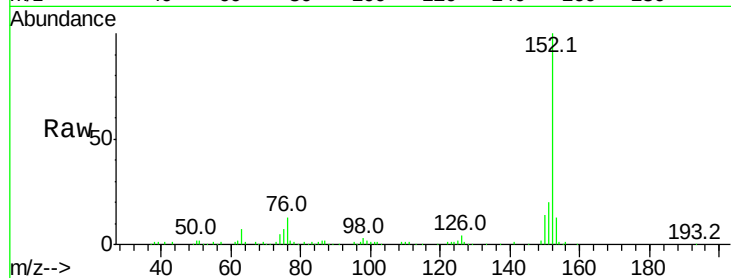
Tot Ion:152 Resp: 97762

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

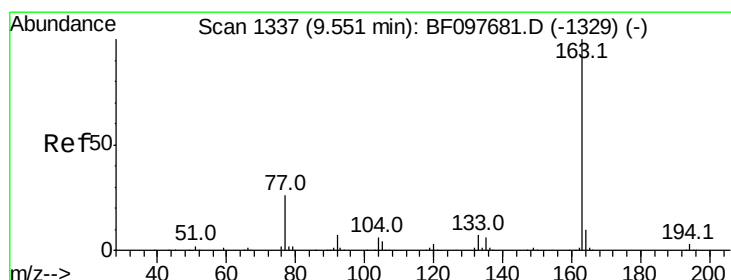
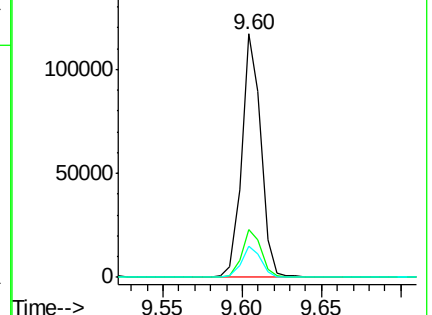
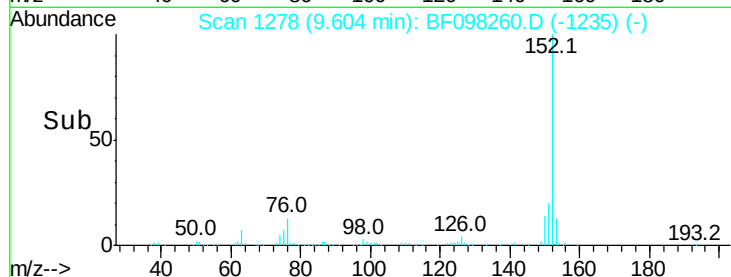
153 12.9 10.8 16.2



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: 9.868 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

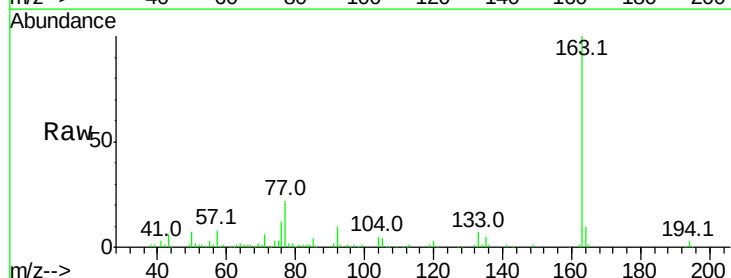
Tgt Ion:163 Resp: 93860

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

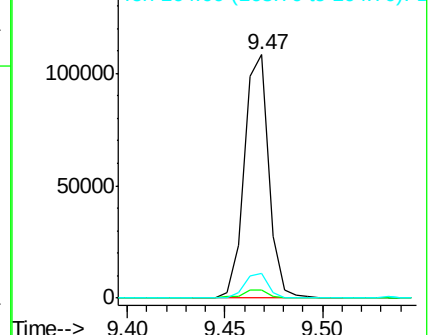
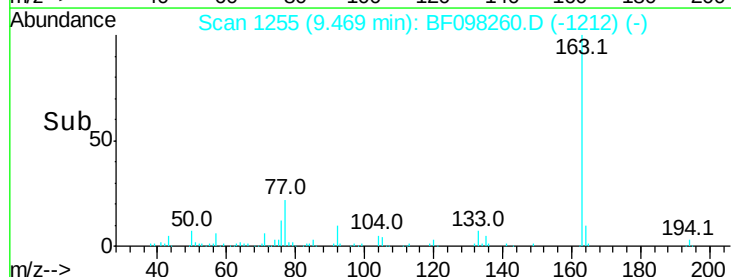
164 10.0 8.4 12.6

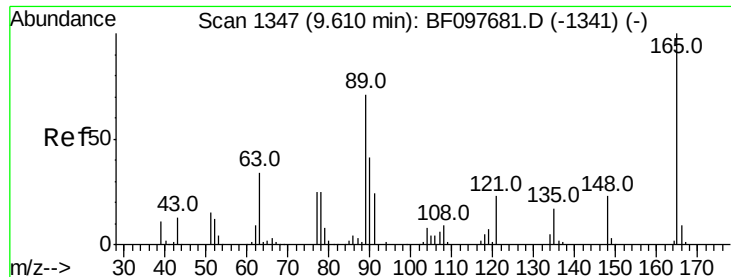


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

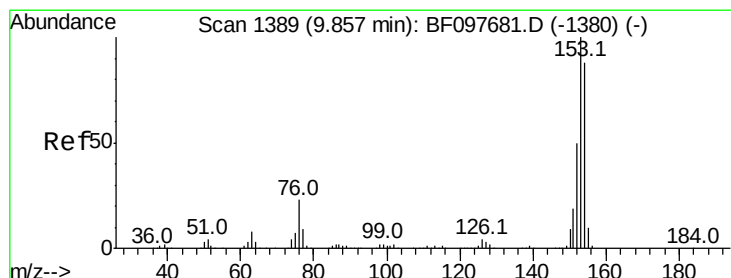
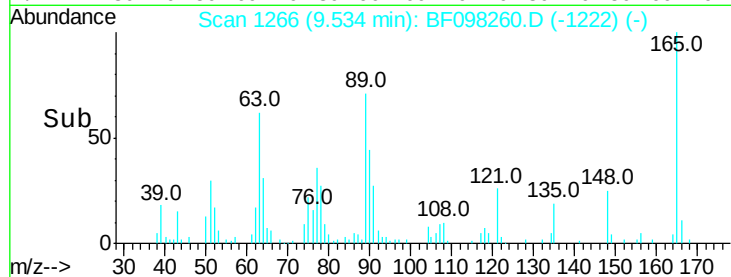
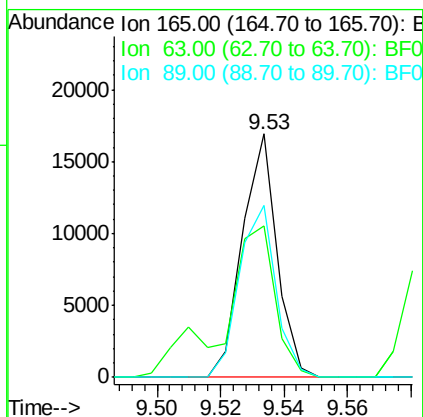
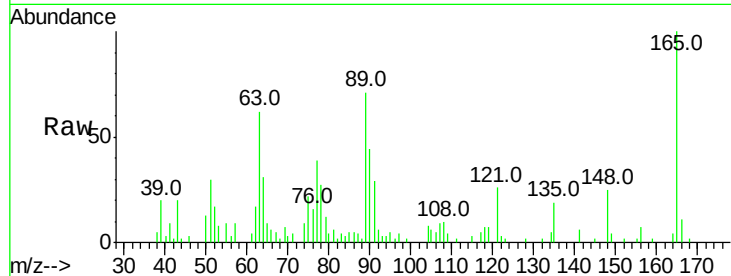




#50
2,6-Dinitrotoluene
Concen: 6.713 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

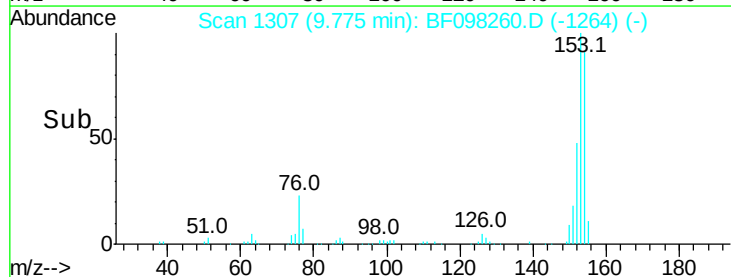
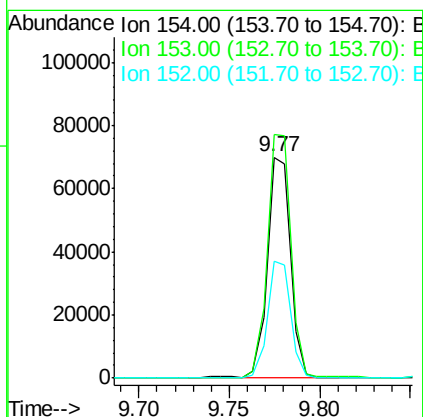
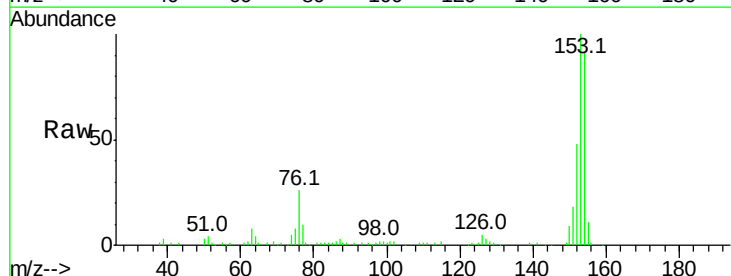
Instrument :
BNA_F
ClientSampled :

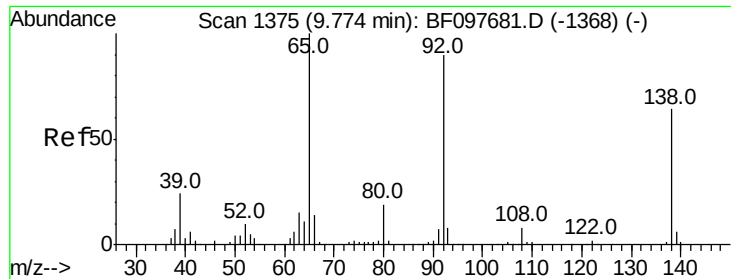
Tot Ion:165 Resp: 12745
Ion Ratio Lower Upper
165 100
63 62.0 34.3 51.5#
89 70.6 37.1 55.7#



#51
Acenaphthene
Concen: 7.196 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:154 Resp: 62488
Ion Ratio Lower Upper
154 100
153 110.2 90.5 135.7
152 53.1 43.6 65.4

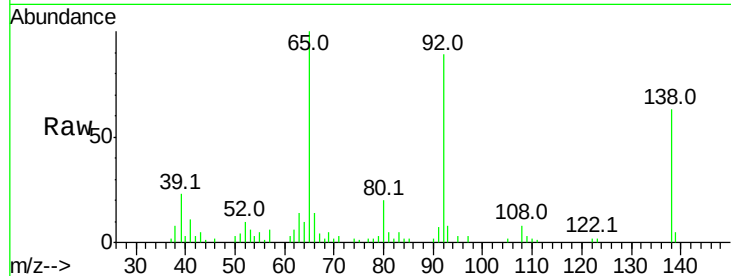




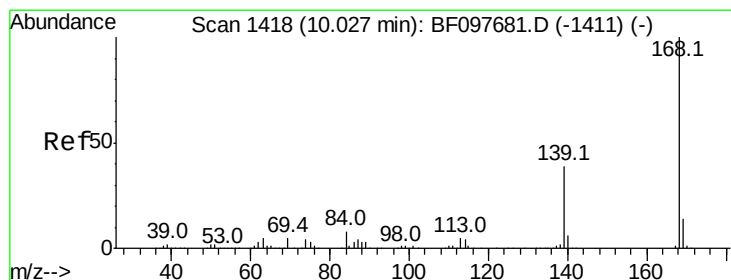
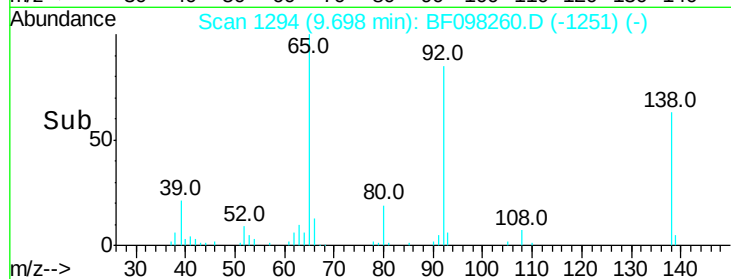
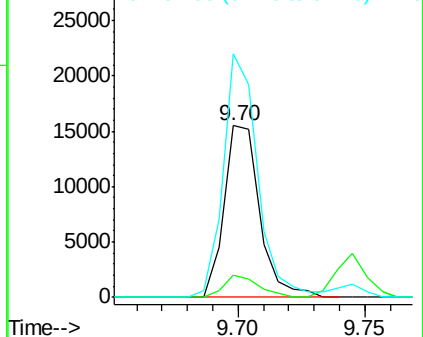
#52
3-Nitroaniline
Concen: 6.183 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.05 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 15145
Ion Ratio Lower Upper
138 100
108 13.2 9.1 13.7
92 141.8 93.8 140.6#

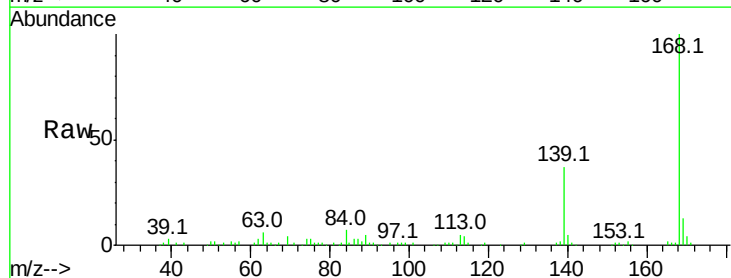


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

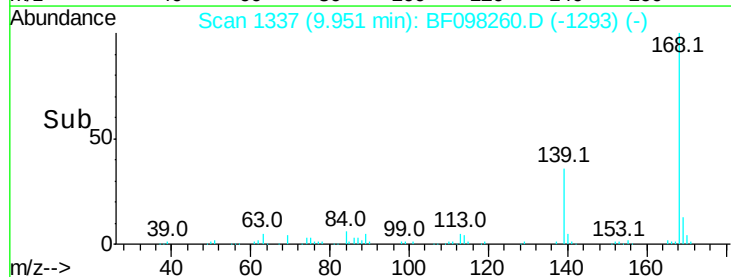
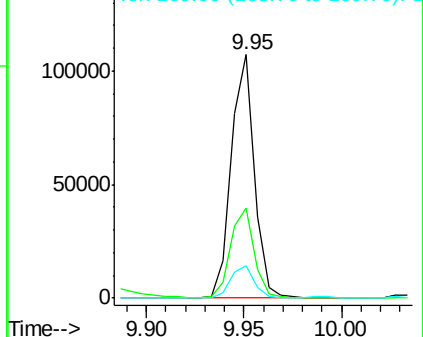


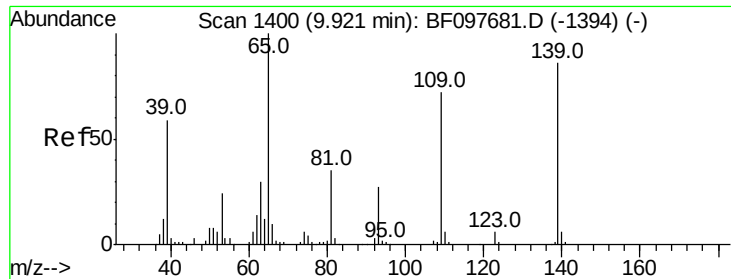
#54
Dibenzofuran
Concen: 7.549 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:168 Resp: 87857
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.2 10.8 16.2



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

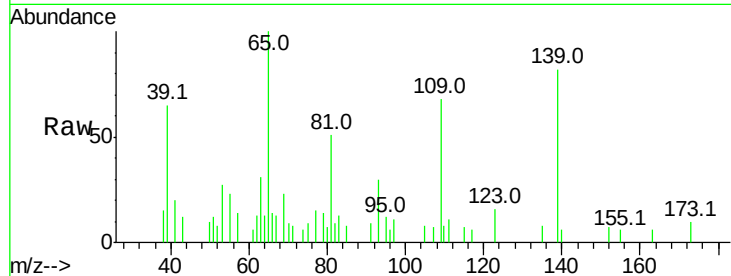




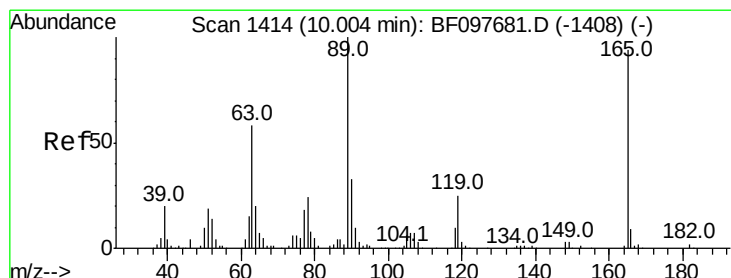
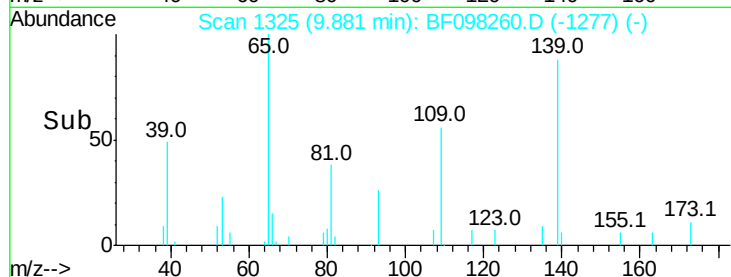
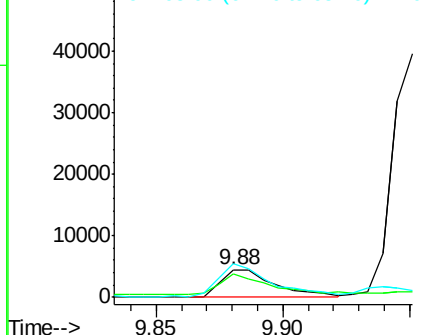
#55
4-Nitrophenol
Concen: 3.378 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 6600
Ion Ratio Lower Upper
139 100
109 83.6 34.1 74.1#
65 122.2 31.4 71.4#



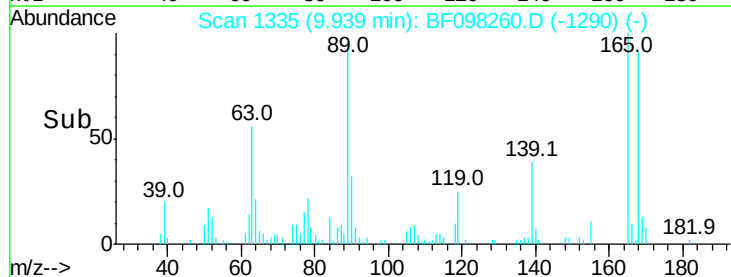
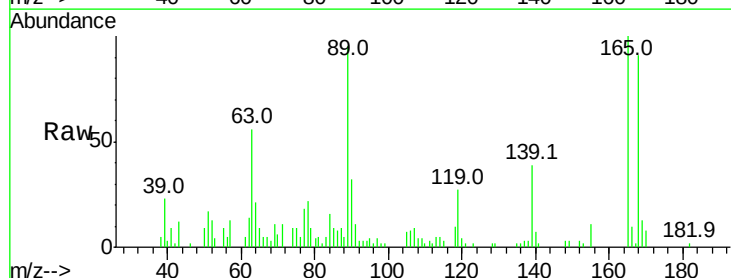
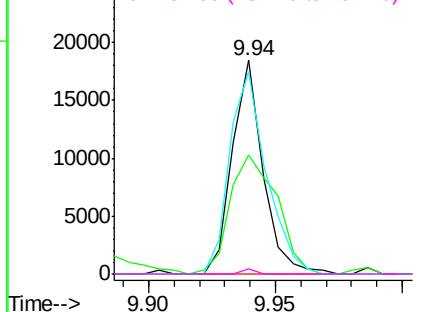
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

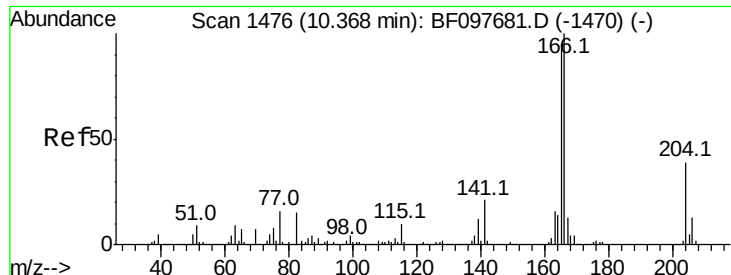


#56
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:165 Resp: 15588
Ion Ratio Lower Upper
165 100
63 55.7 25.4 38.0#
89 95.0 46.4 69.6#
182 2.2 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

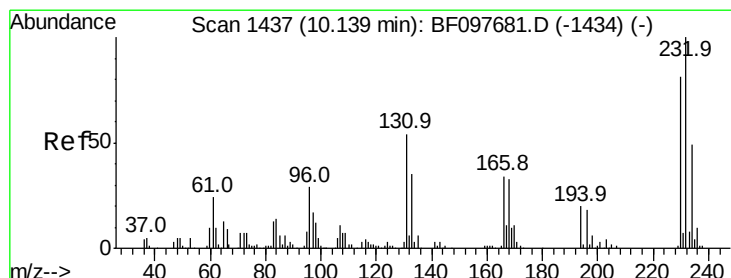
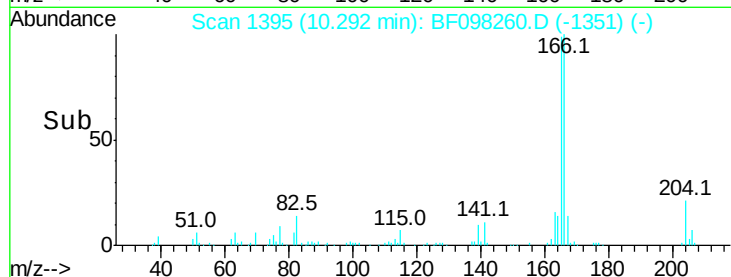
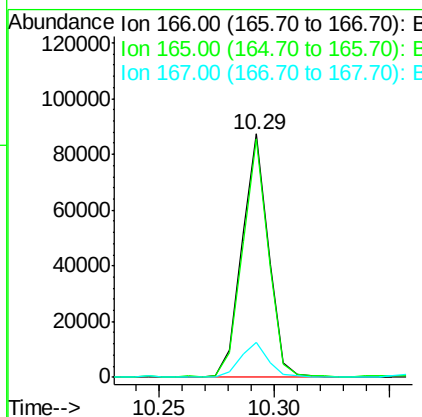
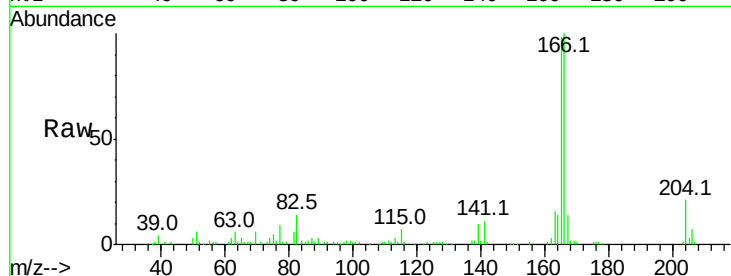




#57
 Fluorene
 Concen: 7.744 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

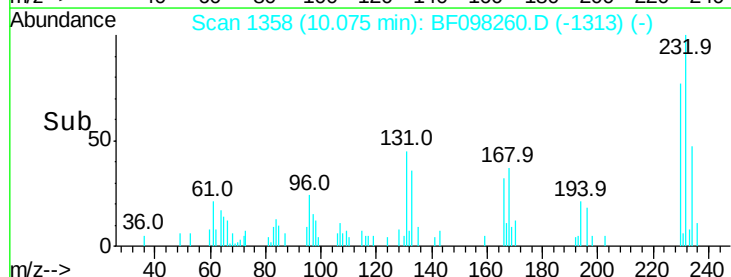
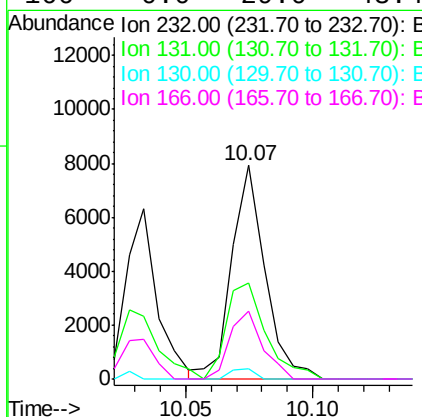
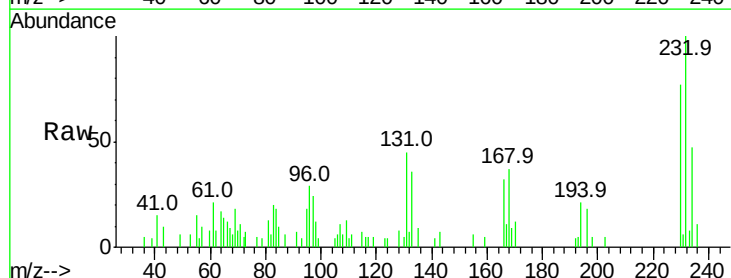
Instrument :
 BNA_F
 ClientSampled :

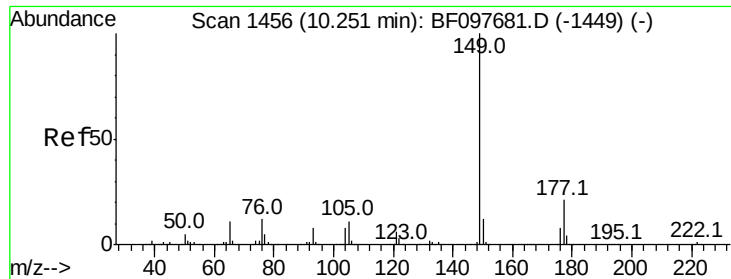
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.522 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.6	44.8	67.2
130	3.4	2.3	3.5
166	0.0	29.0	43.4#

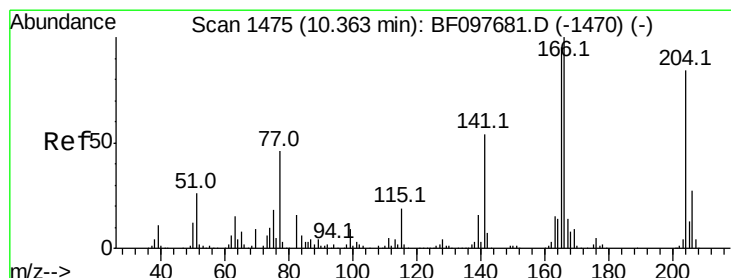
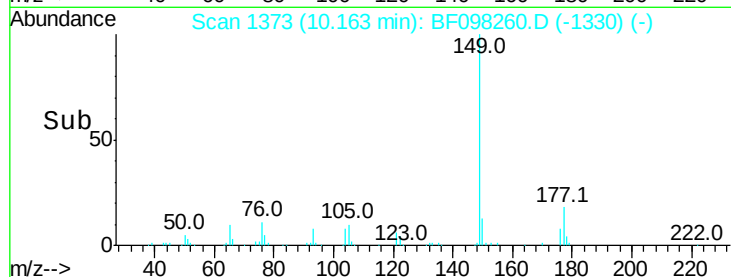
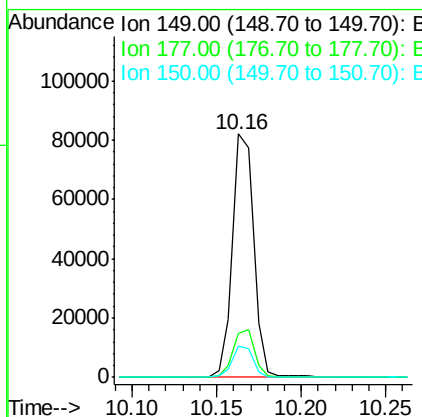
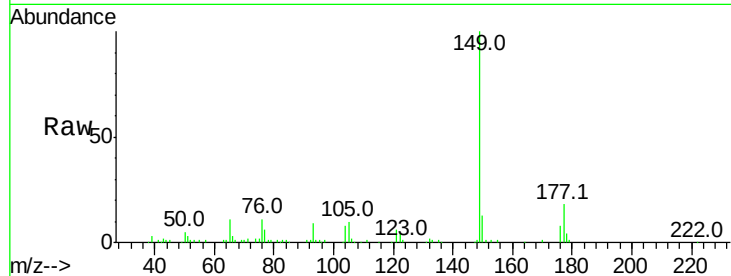




#59
Diethylphthalate
Concen: 7.261 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

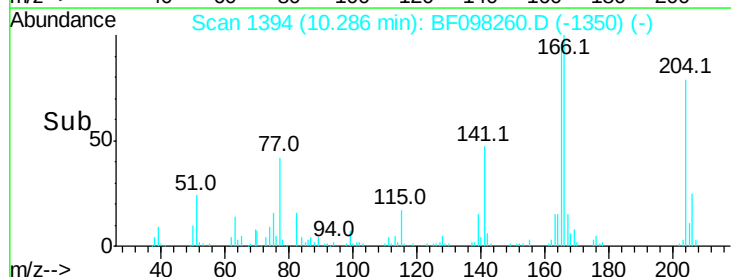
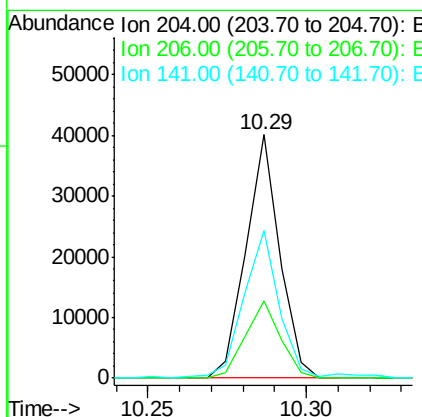
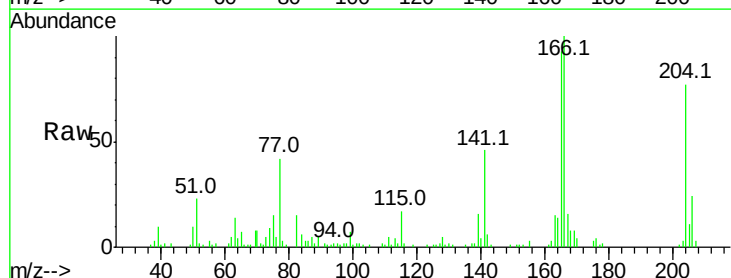
Instrument :
BNA_F
ClientSampled :

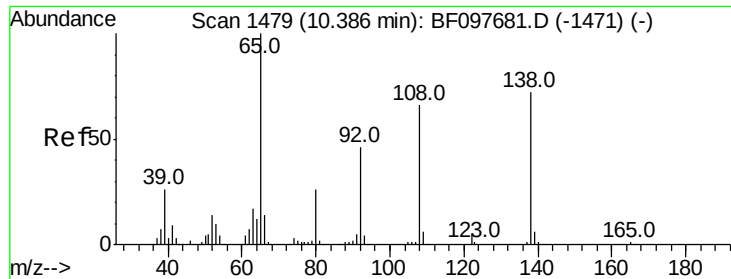
Tot Ion:149 Resp: 72227
Ion Ratio Lower Upper
149 100
177 18.2 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 7.051 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:204 Resp: 29472
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 60.8 60.8 91.2#

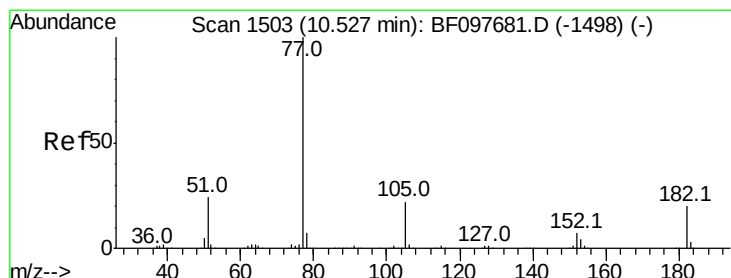
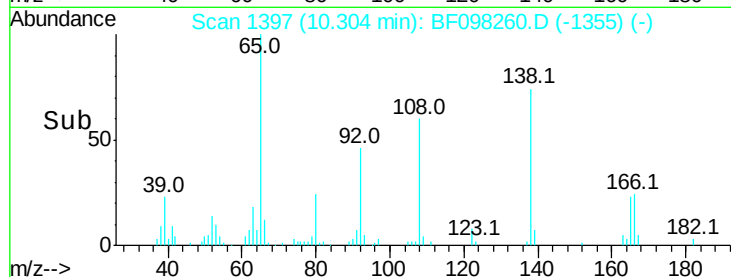
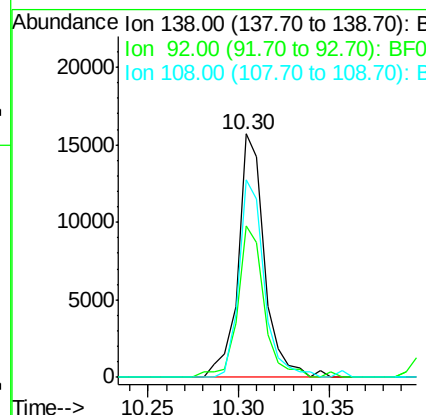
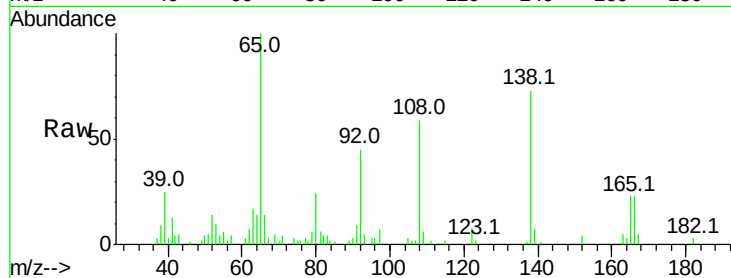




#61
4-Nitroaniline
Concen: 6.828 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

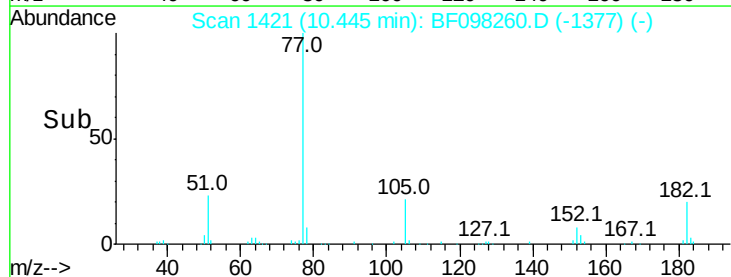
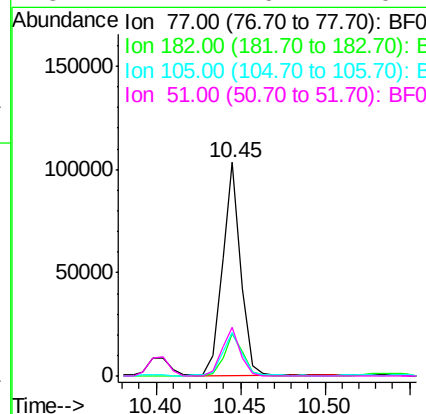
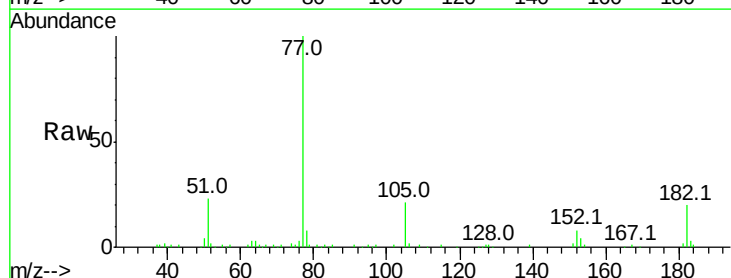
Instrument :
BNA_F
ClientSampleId :

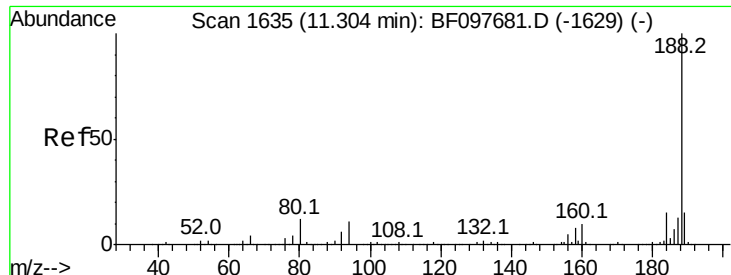
Tot Ion:138 Resp: 15897
Ion Ratio Lower Upper
138 100
92 62.1 21.8 61.8#
108 81.1 42.3 82.3



#62
Azobenzene
Concen: 6.569 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion: 77 Resp: 77615
Ion Ratio Lower Upper
77 100
182 19.6 0.1 40.1
105 20.5 3.6 43.6
51 22.7 9.4 49.4

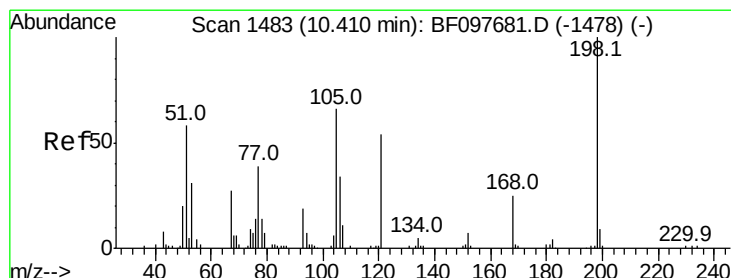
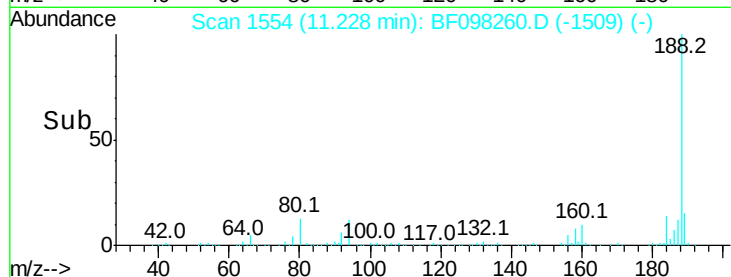
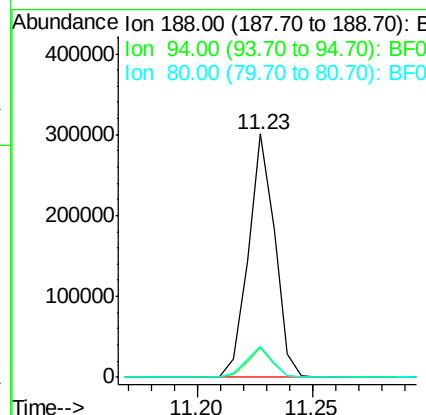
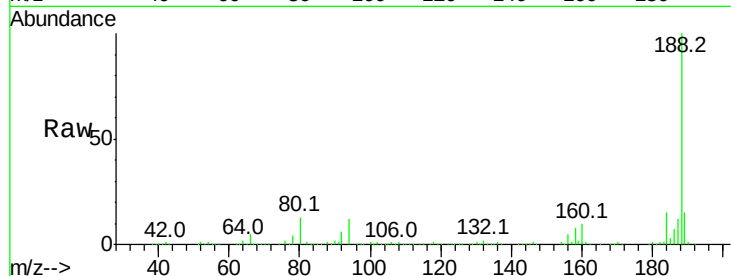




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

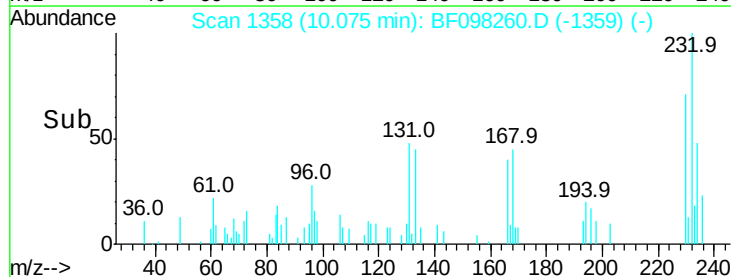
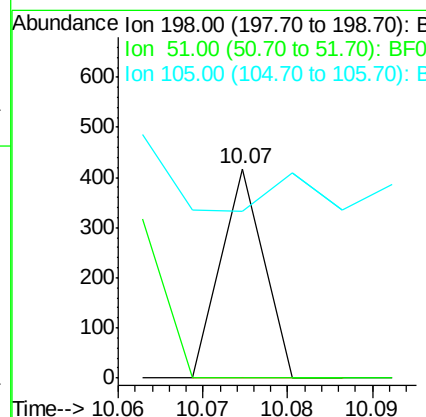
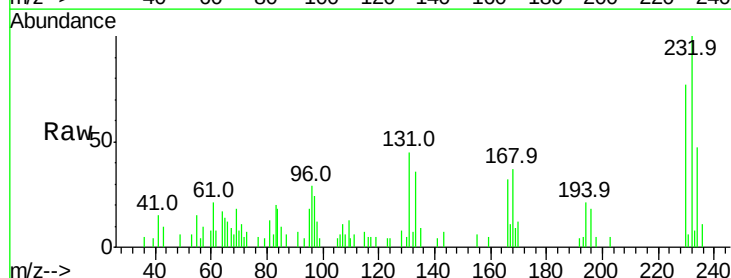
Instrument :
BNA_F
ClientSampleId :

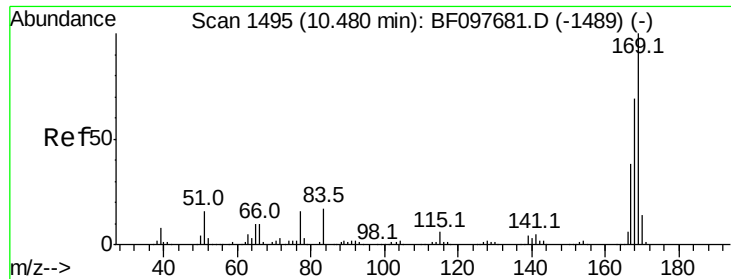
Tot Ion:188 Resp: 241518
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.427 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.31 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 0.0 53.2 93.2#
105 79.6 45.8 85.8

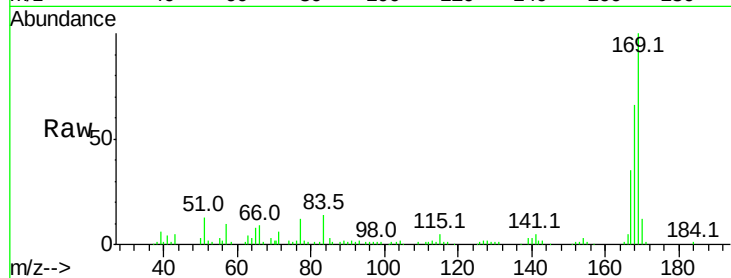




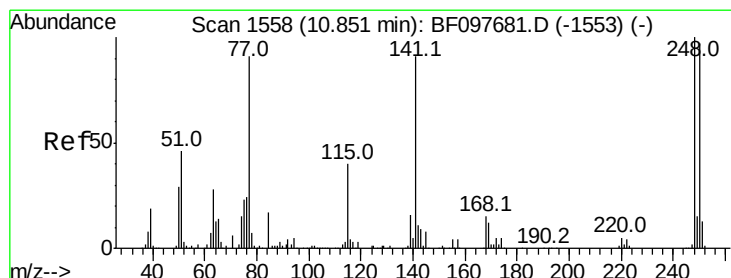
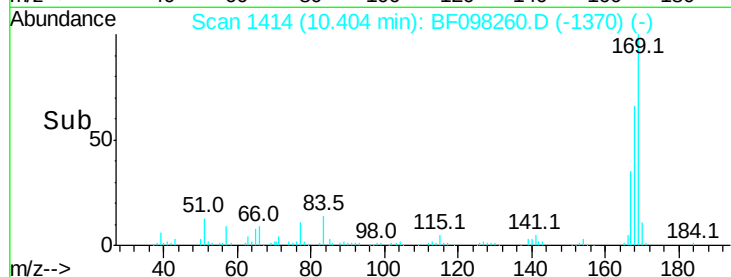
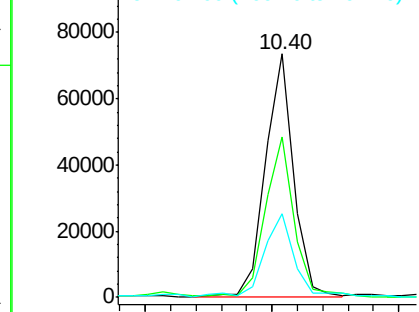
#65
 n-Nitrosodiphenylamine
 Concen: 6.958 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 57222
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.2 79.8
 167 34.5 29.5 44.3

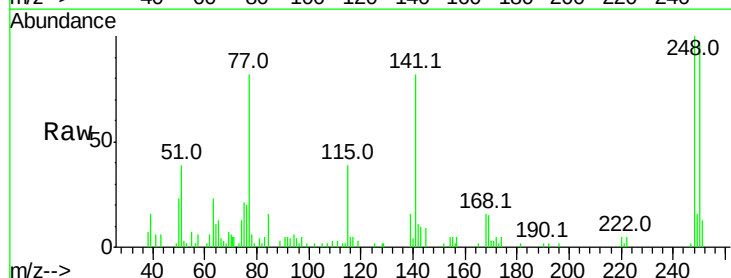


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

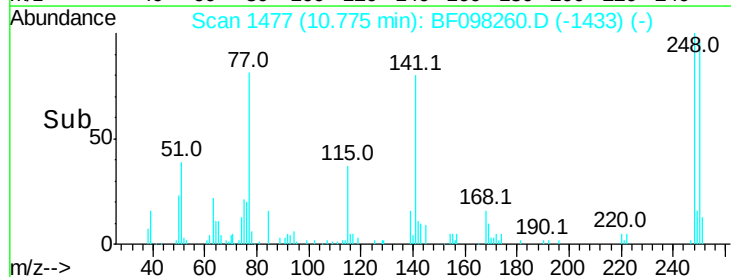
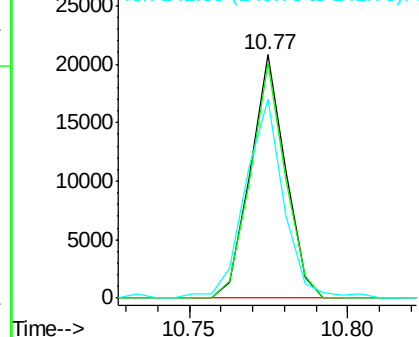


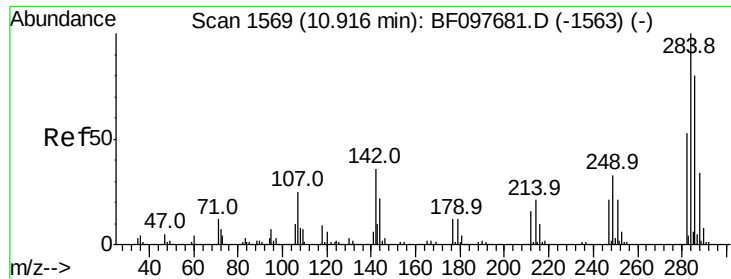
#66
 4-Bromophenyl-phenylether
 Concen: 6.330 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:248 Resp: 15875
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.8 115.2
 141 81.5 68.6 103.0



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

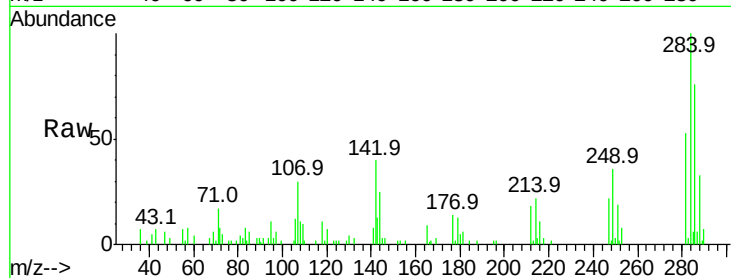




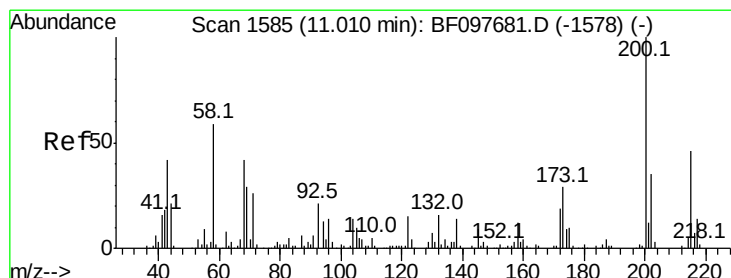
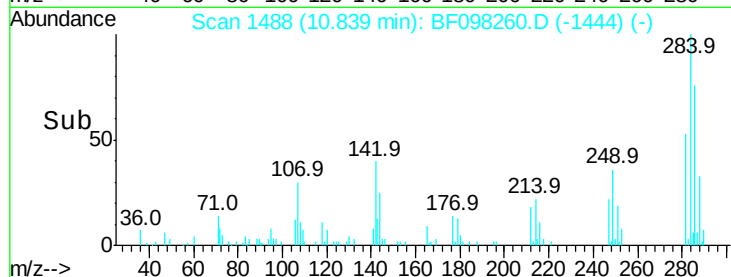
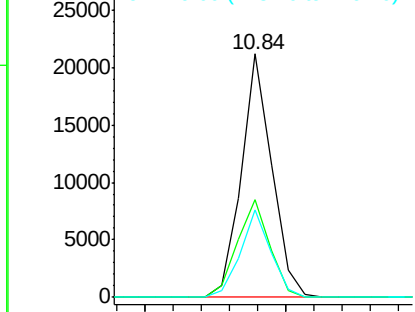
#67
Hexachlorobenzene
Concen: 6.234 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 15936
Ion Ratio Lower Upper
284 100
142 40.0 22.8 34.2#
249 36.0 24.0 36.0#

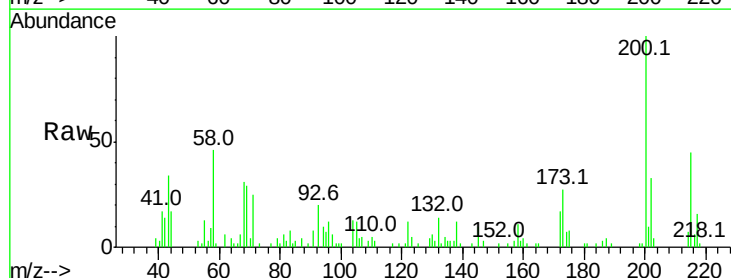


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

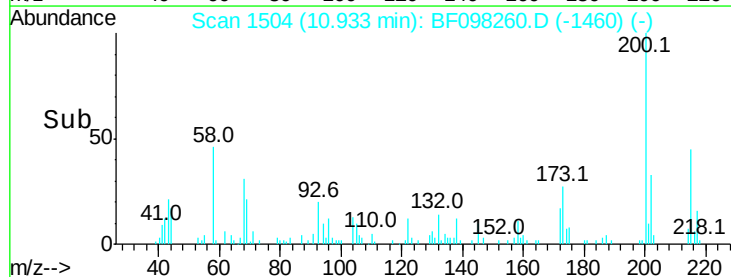
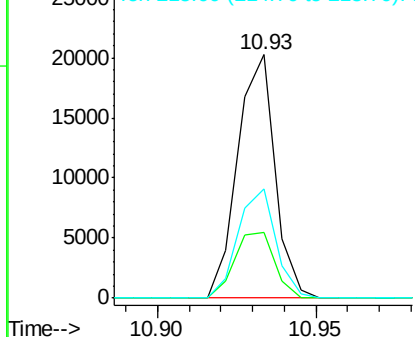


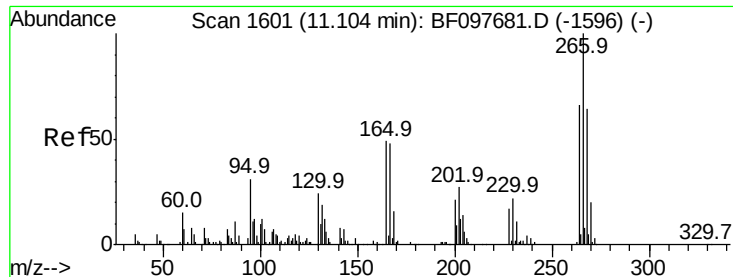
#68
Atrazine
Concen: 7.529 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:200 Resp: 16422
Ion Ratio Lower Upper
200 100
173 26.8 6.3 46.3
215 45.1 27.2 67.2



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

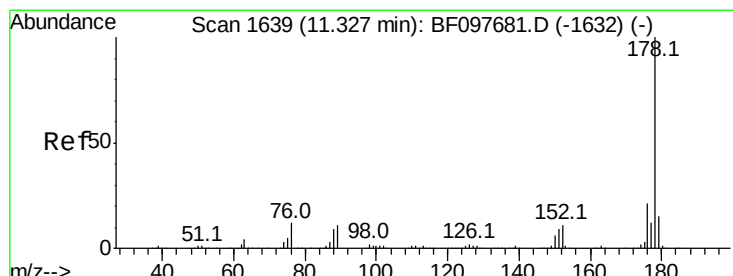
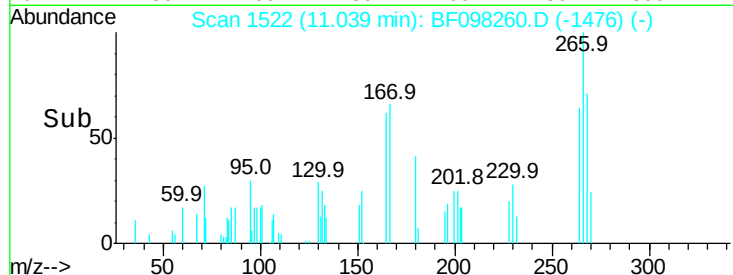
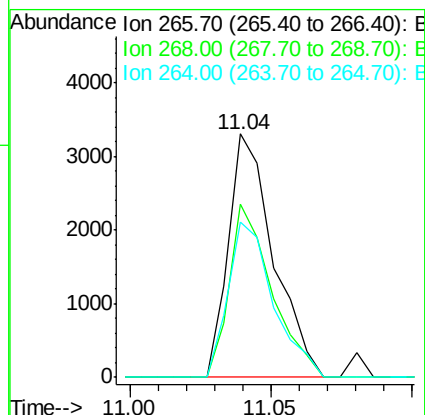
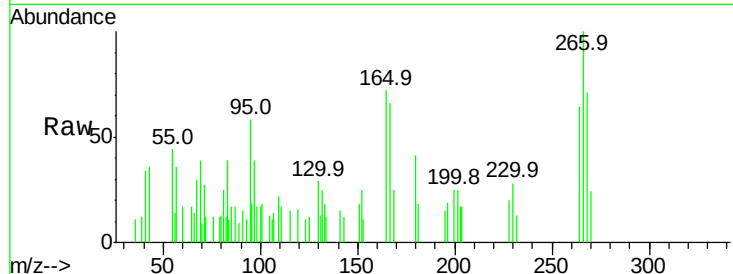




#69
 Pentachlorophenol
 Concen: 2.453 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

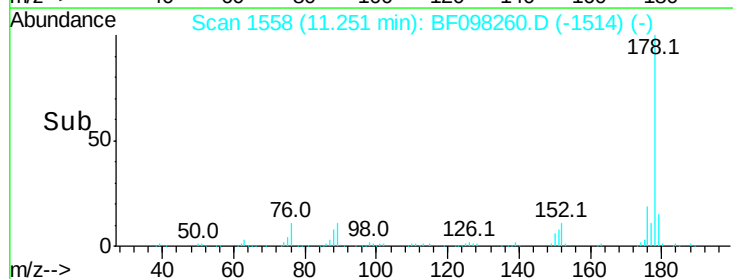
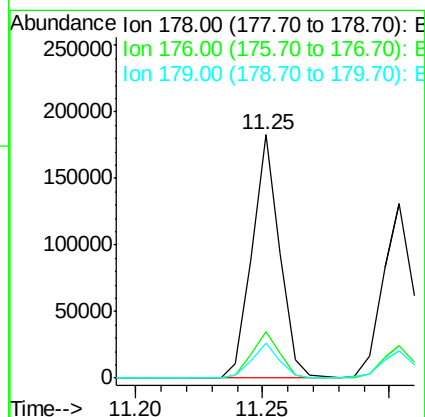
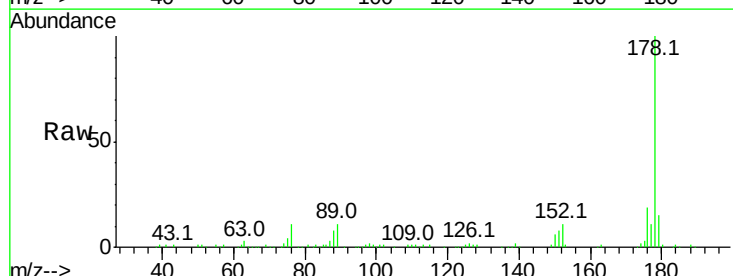
Instrument :
 BNA_F
 ClientSampleId :

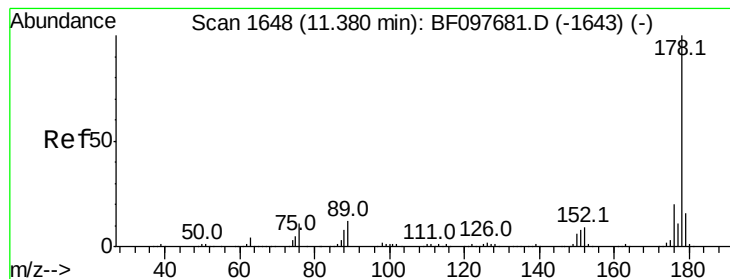
Tot Ion:266 Resp: 3656
 Ion Ratio Lower Upper
 266 100
 268 71.1 51.1 76.7
 264 63.7 51.7 77.5



#70
 Phenanthrene
 Concen: 10.766 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:178 Resp: 138558
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.5 12.6 19.0





#71

Anthracene

Concen: 8.330 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampled :

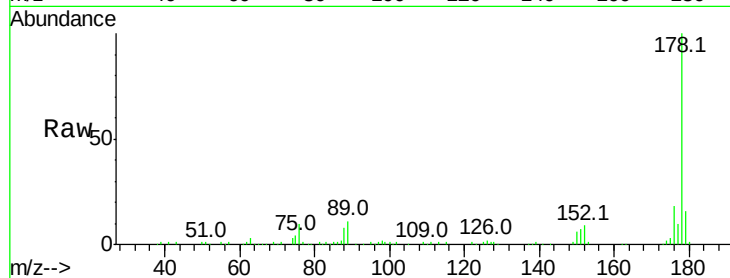
Tot Ion:178 Resp: 108731

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

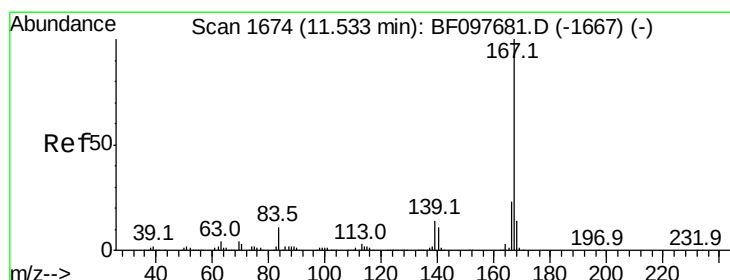
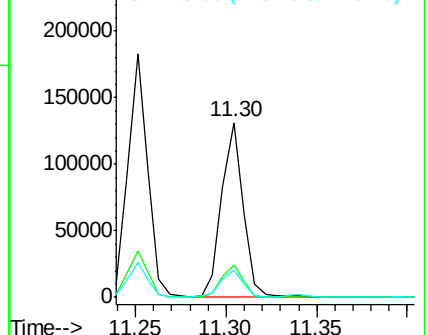
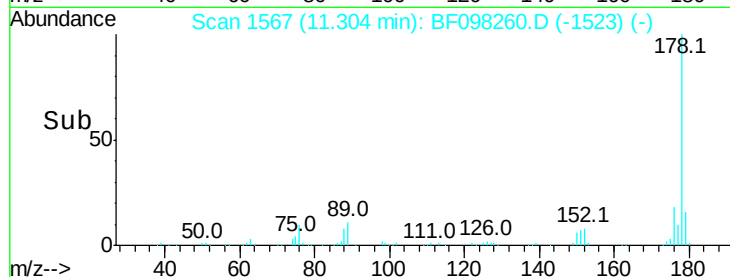
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.622 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

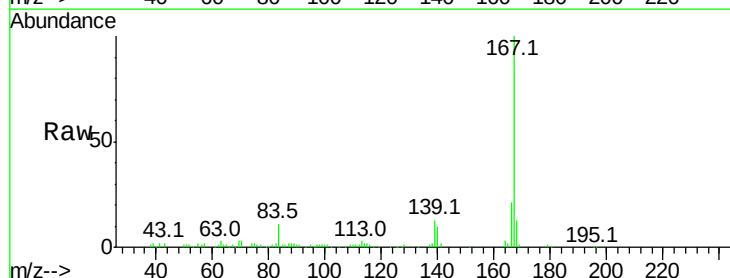
Tgt Ion:167 Resp: 94438

Ion Ratio Lower Upper

167 100

166 20.7 18.1 27.1

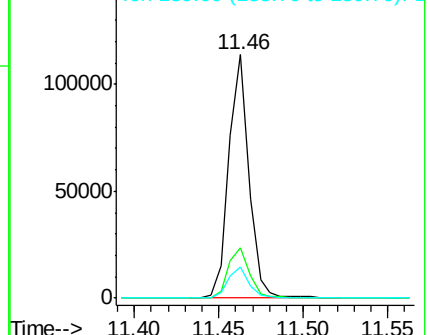
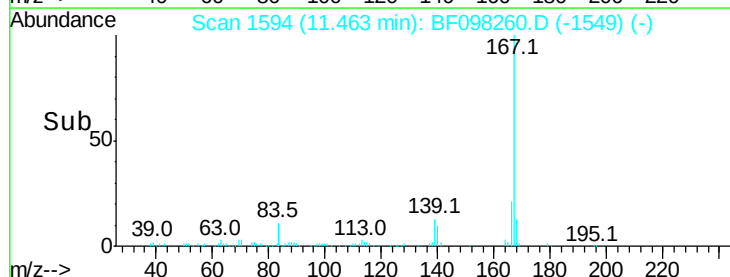
139 12.6 11.7 17.5

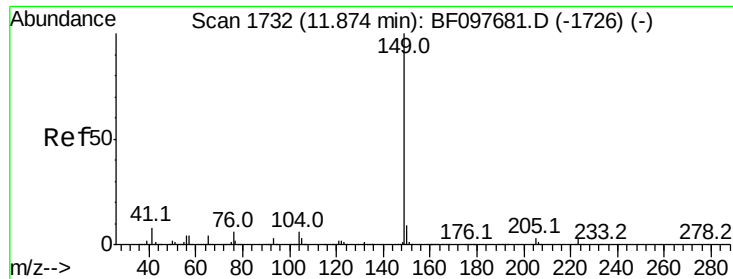


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 7.851 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

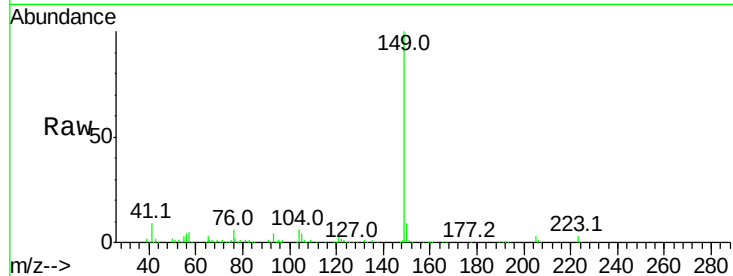
Tot Ion:149 Resp: 112051

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

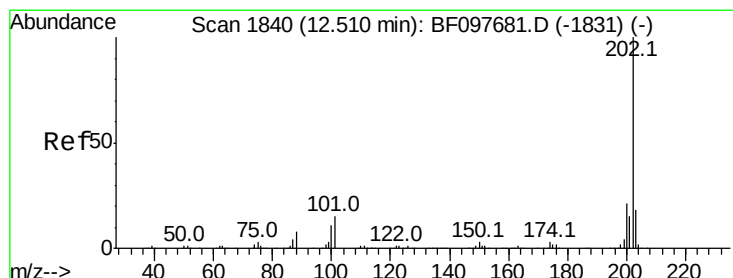
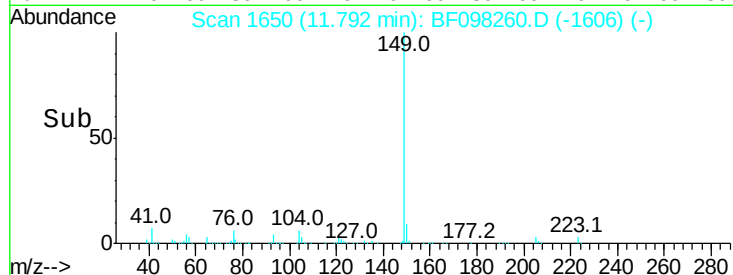
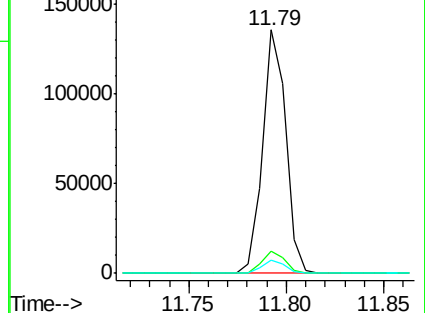
104 5.6 4.0 6.0



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: 16.495 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

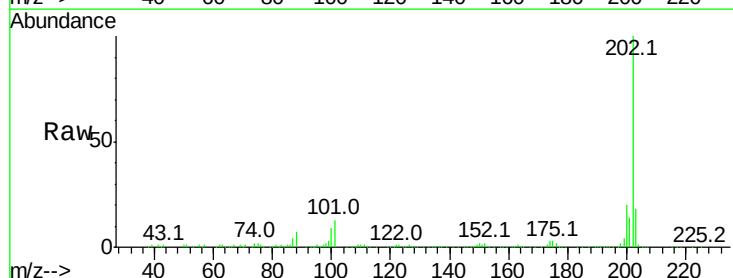
Tgt Ion:202 Resp: 221574

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

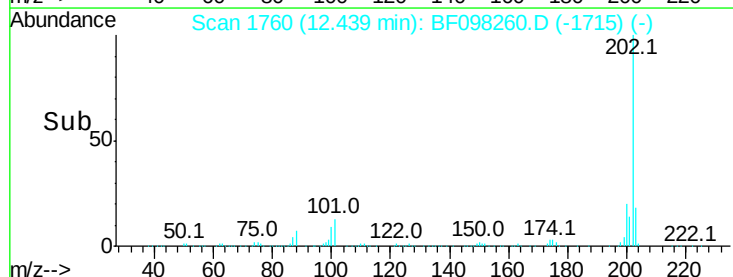
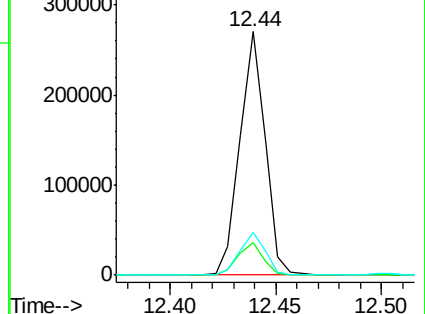
203 17.6 0.0 38.1

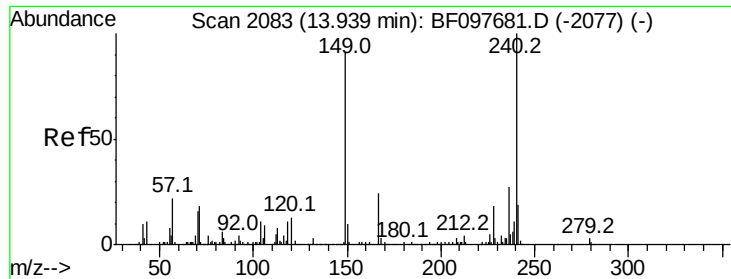


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

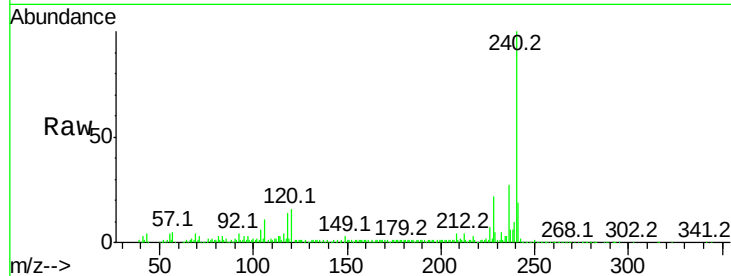
Tot Ion:240 Resp: 248284

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

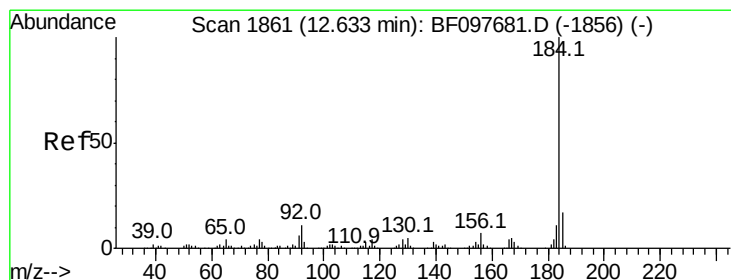
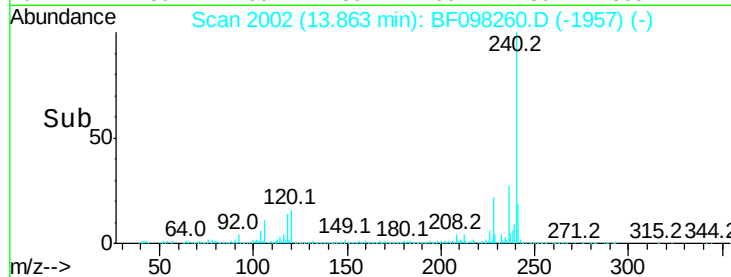
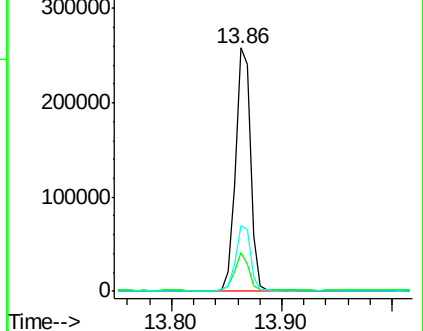
236 26.9 20.5 30.7



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: 5.477 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

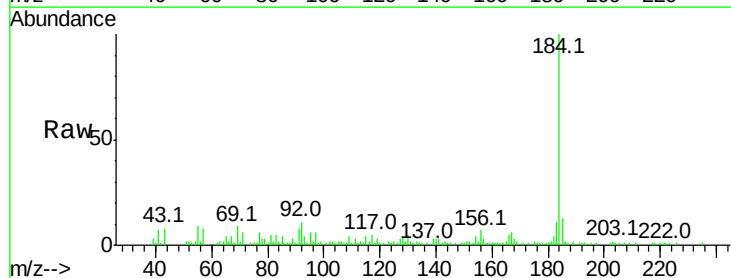
Tgt Ion:184 Resp: 44584

Ion Ratio Lower Upper

184 100

185 13.4 15.5 23.3#

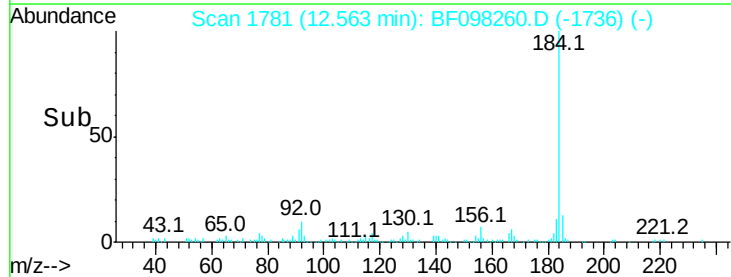
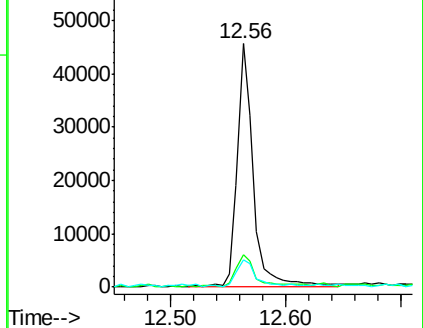
183 11.3 9.8 14.6

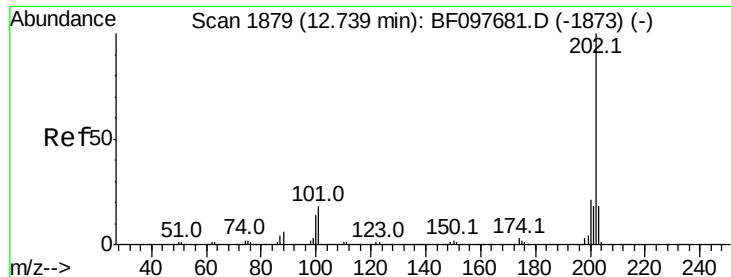


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

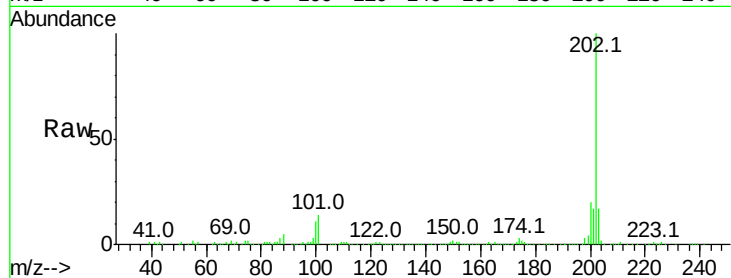




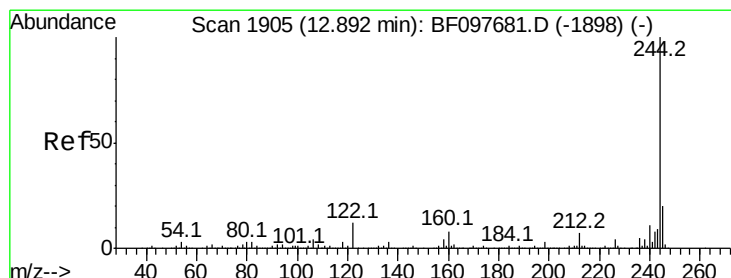
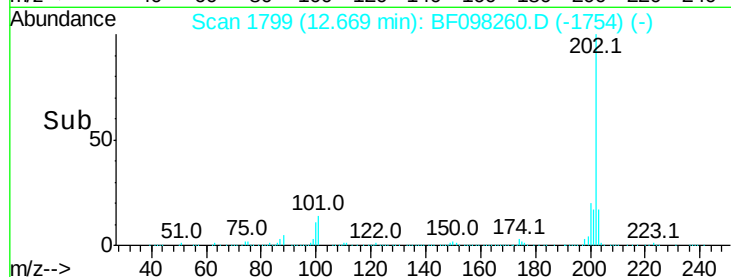
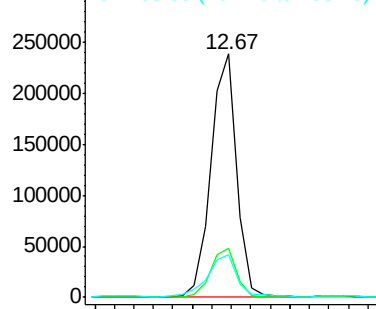
#77
Pvrene
Concen: 10.730 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 217888
Ion Ratio Lower Upper
202 100
200 20.3 17.6 26.4
203 17.3 14.4 21.6

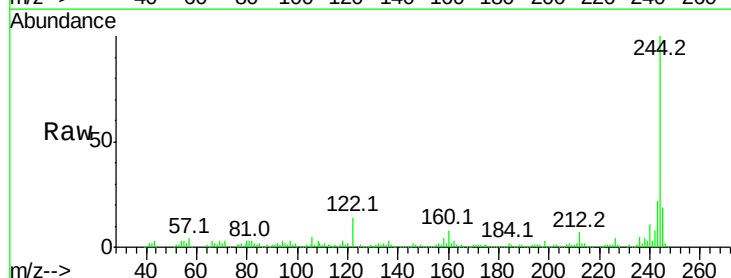


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

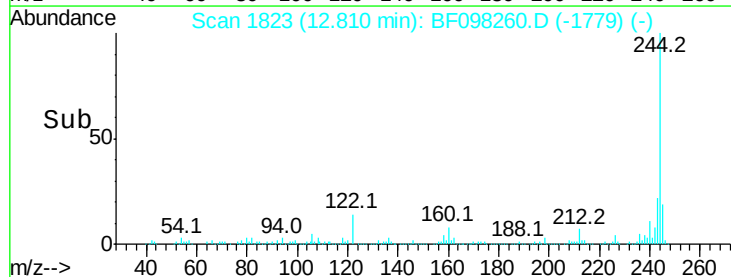
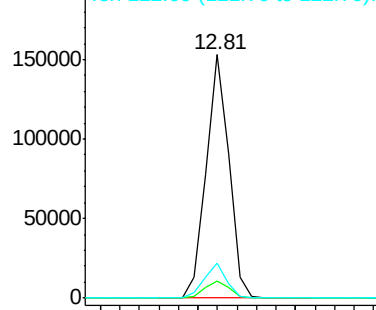


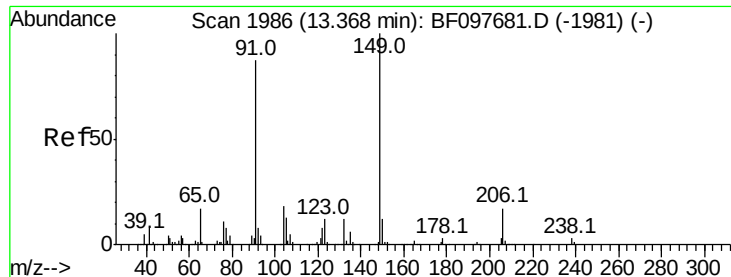
#78
Terphenyl-d14
Concen: 10.446 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:244 Resp: 124370
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.2 10.3 15.5



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

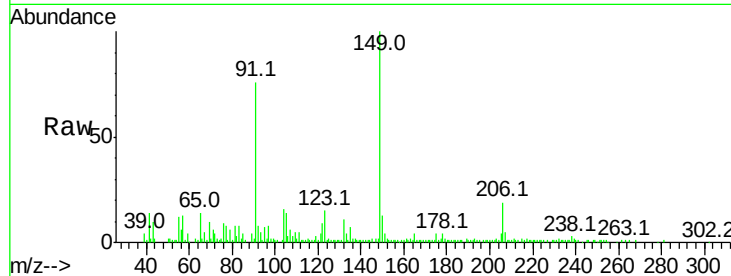




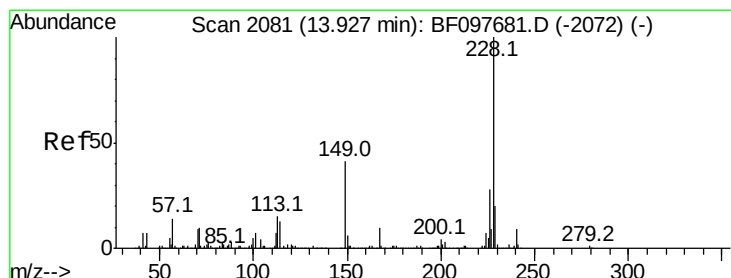
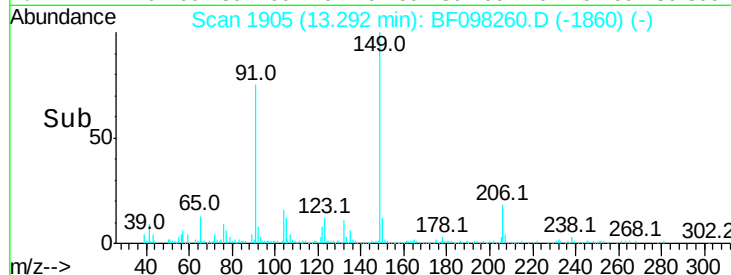
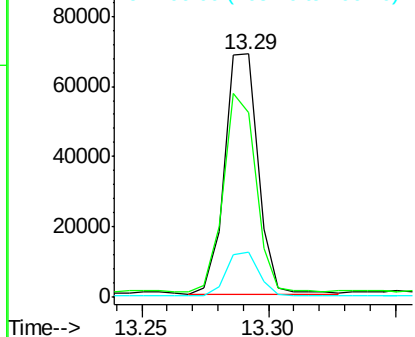
#79
Butylbenzylphthalate
Concen: 8.107 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 63115
Ion Ratio Lower Upper
149 100
91 75.6 45.0 67.4#
206 18.7 17.0 25.6

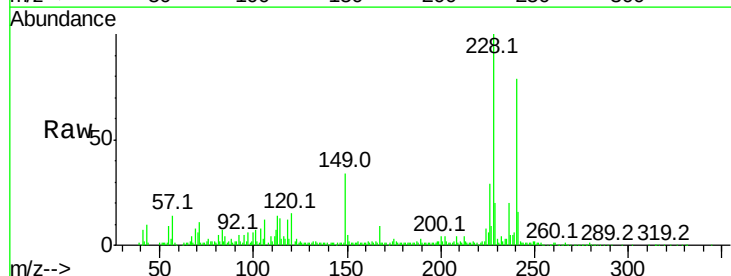


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

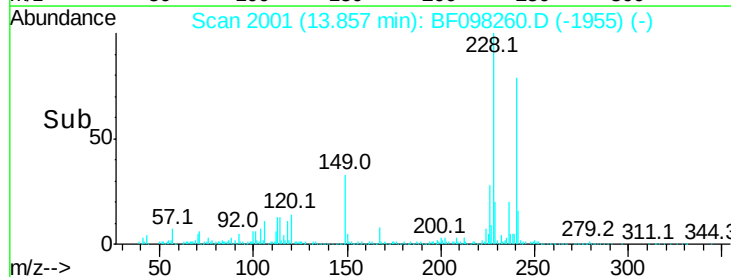
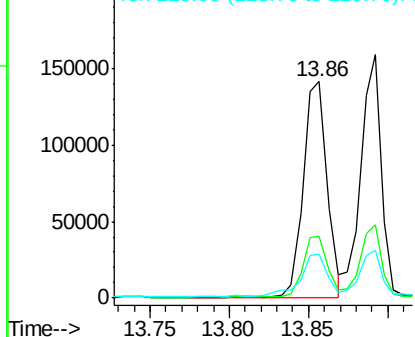


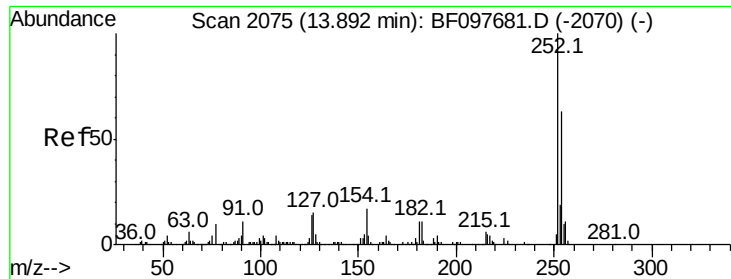
#80
Benzo(a)anthracene
Concen: 9.865 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion:228 Resp: 146804
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.5 16.3 24.5



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

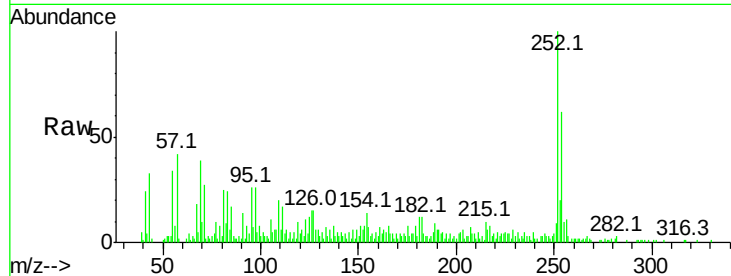




#81
 3,3'-Dichlorobenzidine
 Concen: 6.264 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.03 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.5	77.3
126	15.1	15.8	23.8

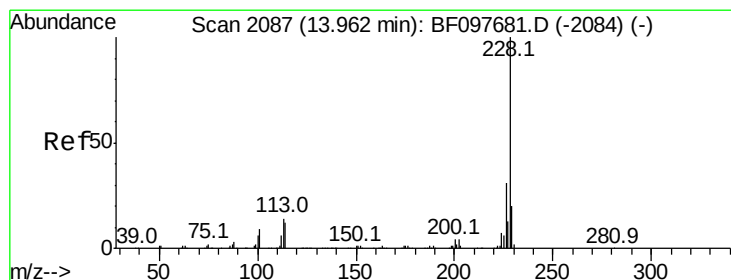
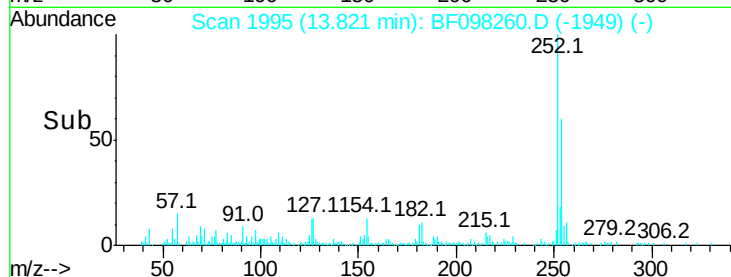
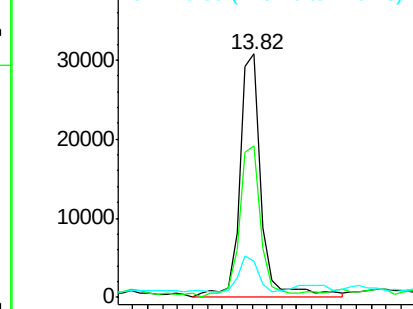


Abundance

Ion 252.00 (251.70 to 252.70): E

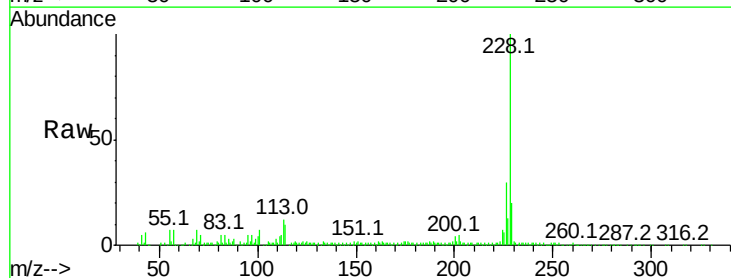
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 9.755 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.7	15.8	23.6

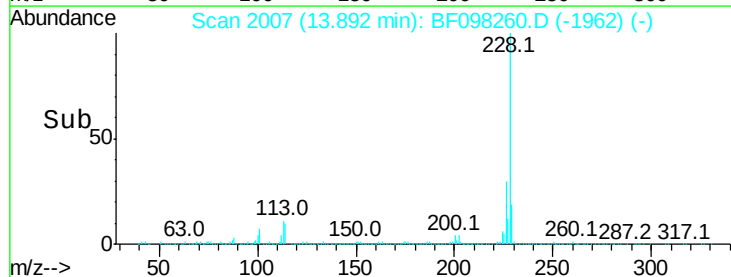
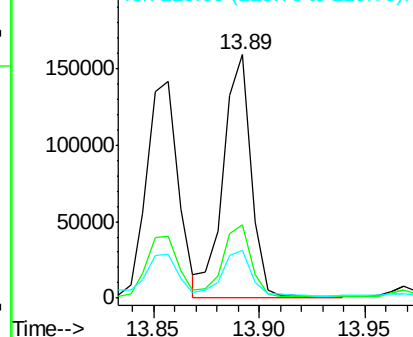


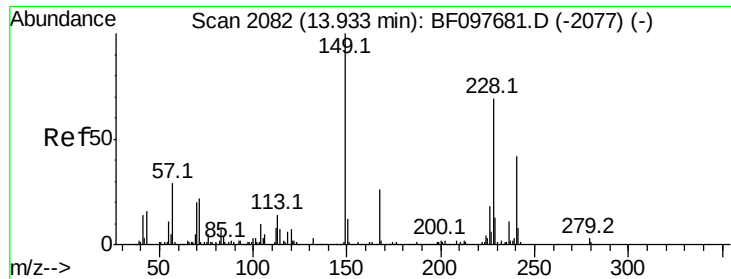
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

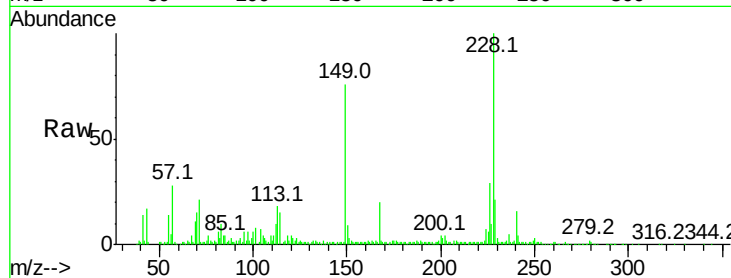




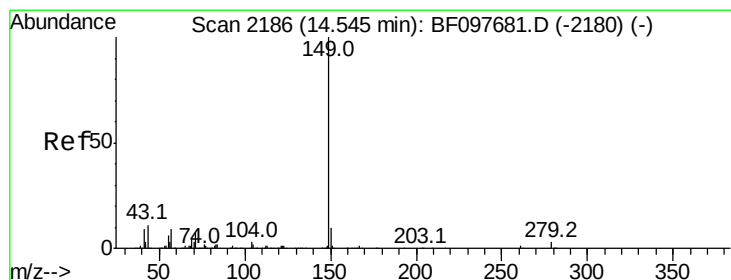
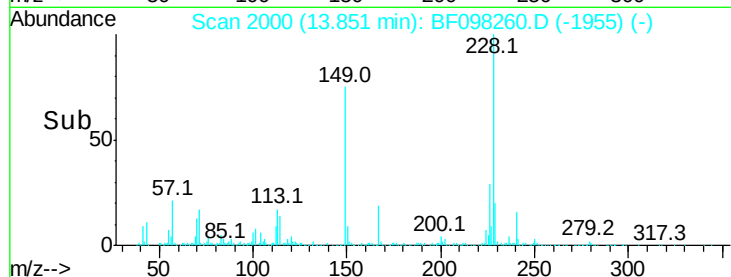
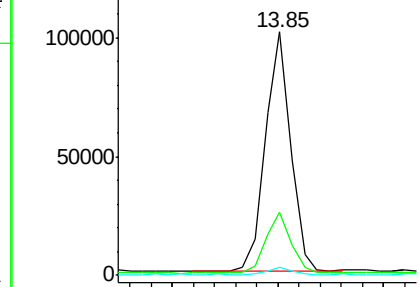
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.781 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 84387
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.4
 279 3.1 1.9 2.9#

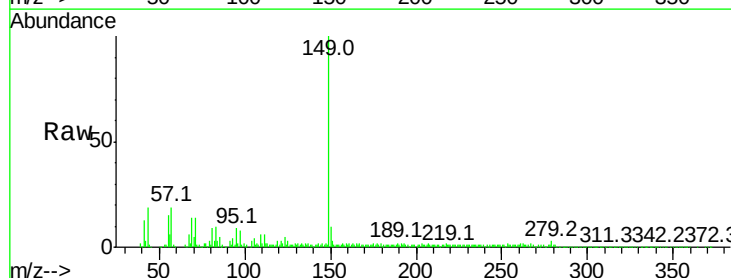


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

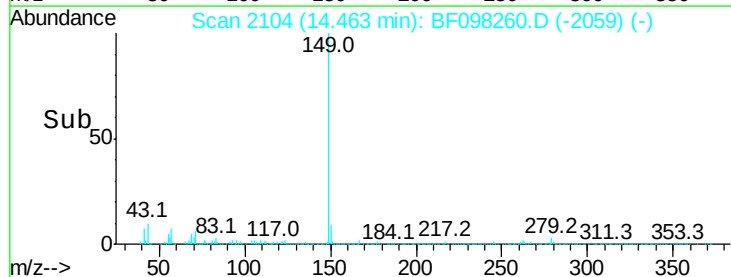
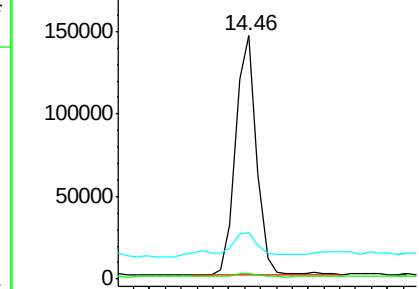


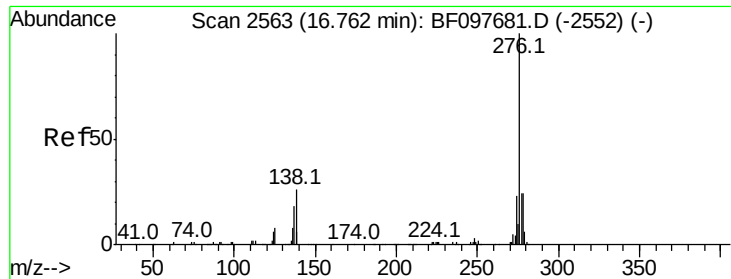
#84
 Di-n-octyl phthalate
 Concen: 8.801 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Tgt Ion:149 Resp: 132120
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 16.8 8.5 12.7#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.610 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampled :

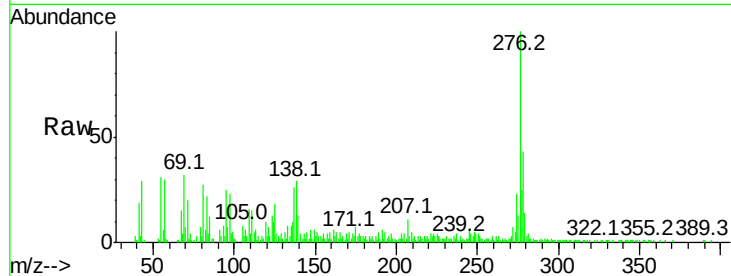
Tot Ion:276 Resp: 71985

Ion Ratio Lower Upper

276 100

138 30.1 27.8 41.6

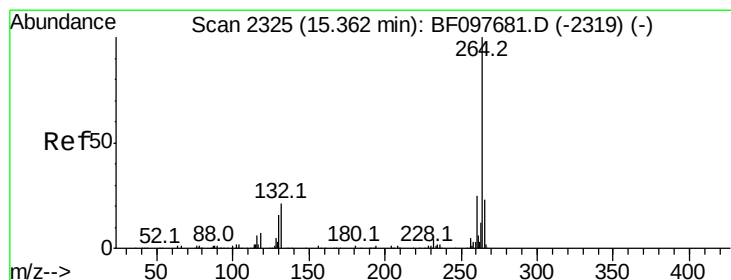
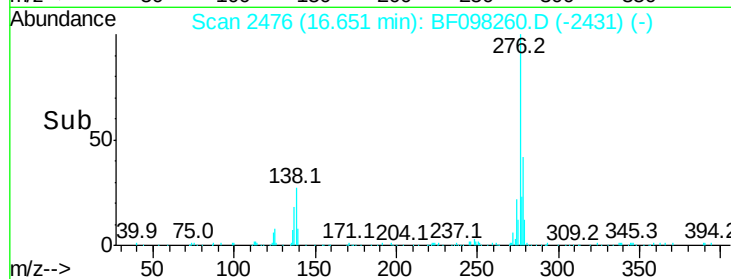
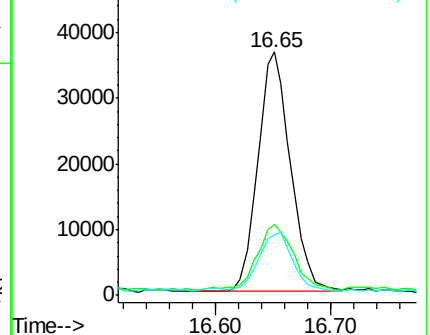
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

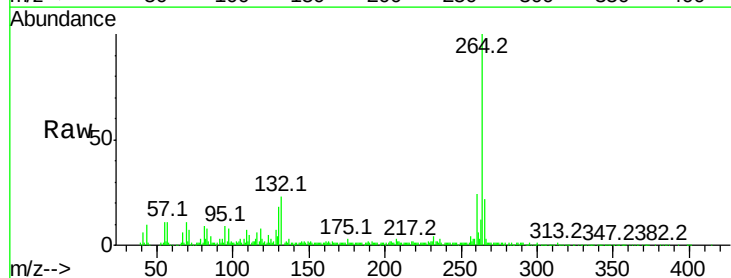
Tgt Ion:264 Resp: 181161

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

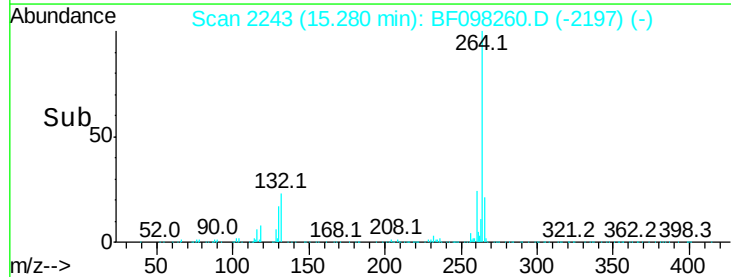
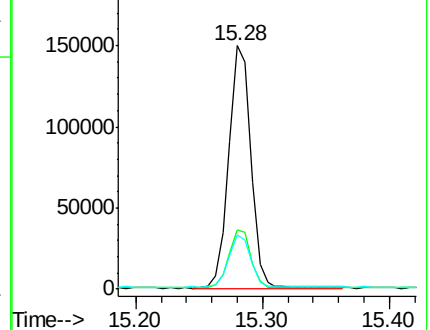
265 22.0 17.2 25.8

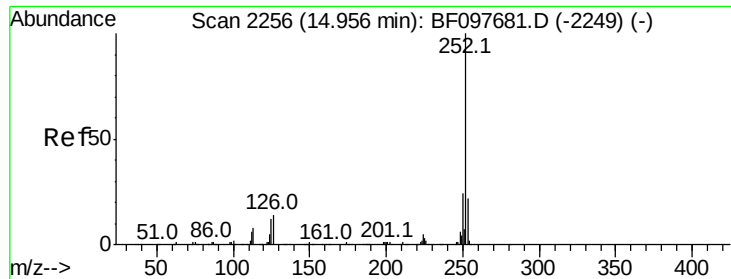


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

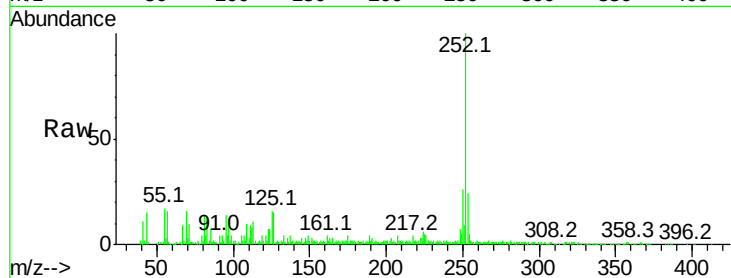




#87
Benzo(b)fluoranthene
Concen: 11.347 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	16.0	9.8	14.8#

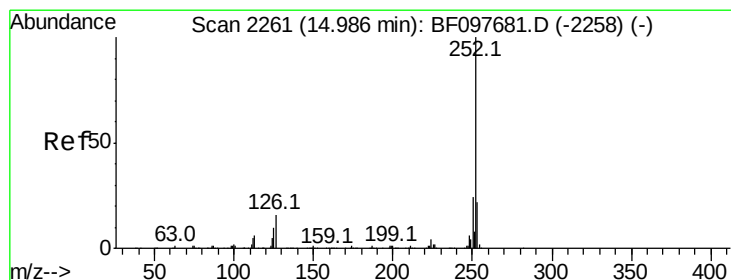
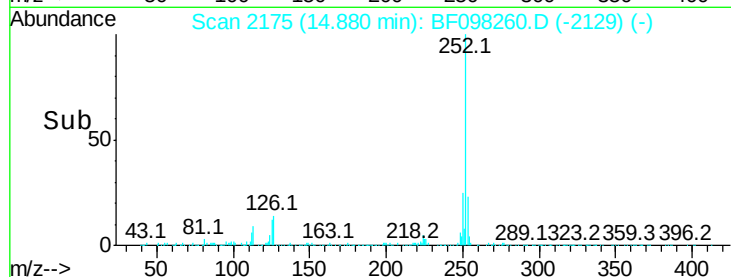
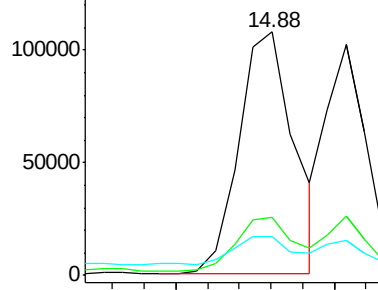


Abundance

Ion 252.00 (251.70 to 252.70): E

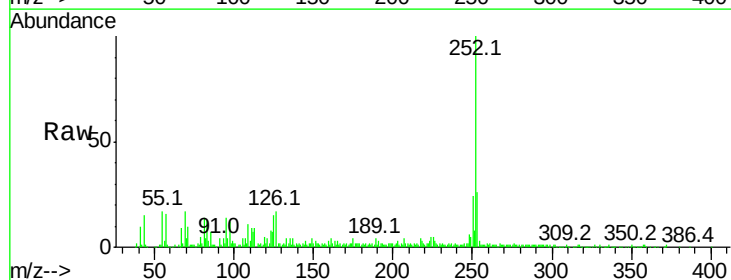
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 8.616 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF098260.D
Acq: 2 Sep 2017 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.4	27.6
125	15.4	13.1	19.7

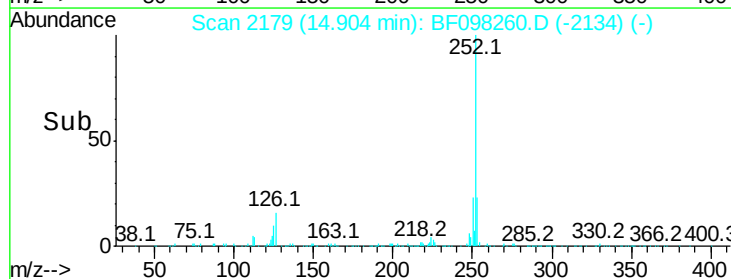
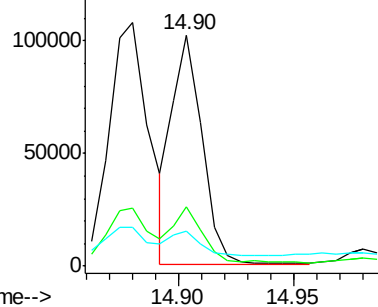


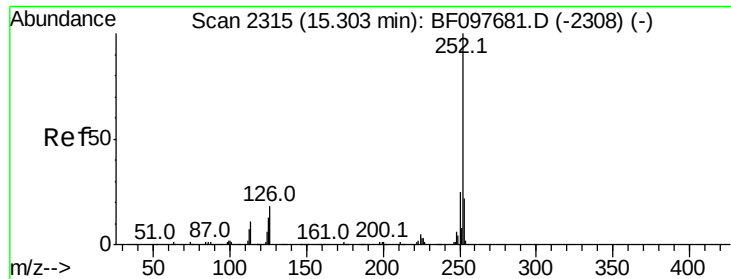
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.105 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

Instrument :

BNA_F

ClientSampleId :

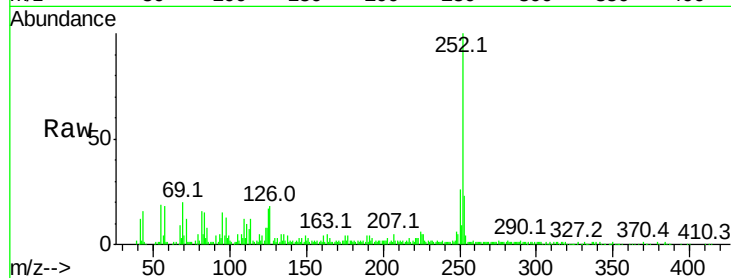
Tot Ion:252 Resp: 102153

Ion Ratio Lower Upper

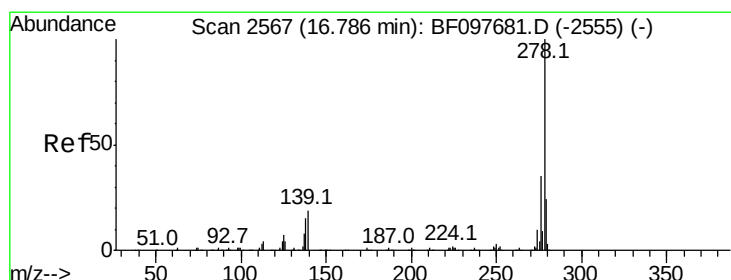
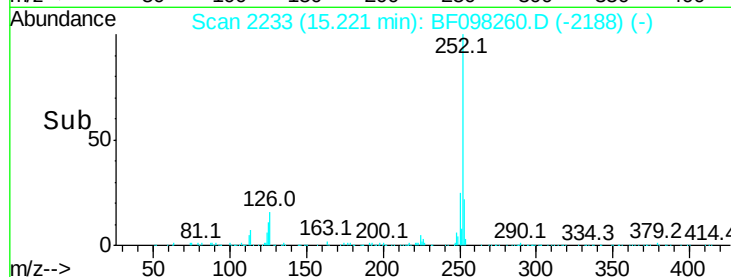
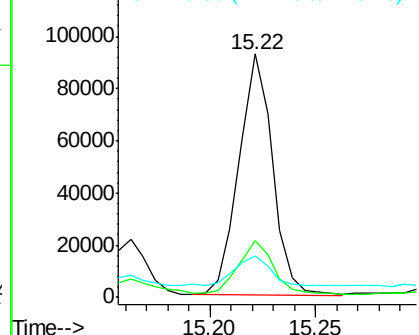
252 100

253 23.1 17.5 26.3

125 16.9 11.0 16.4#



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: 6.183 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.05 min

Lab File: BF098260.D

Acq: 2 Sep 2017 21:56

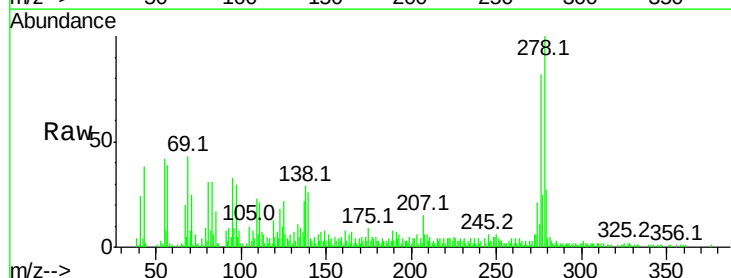
Tgt Ion:278 Resp: 50889

Ion Ratio Lower Upper

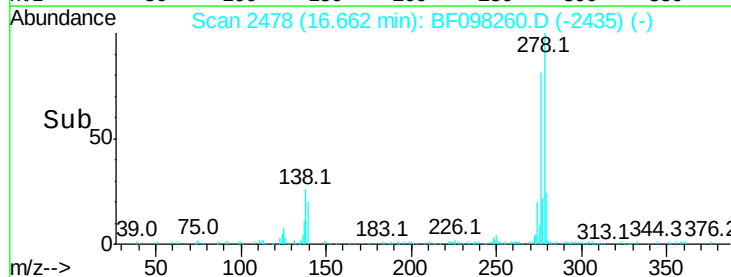
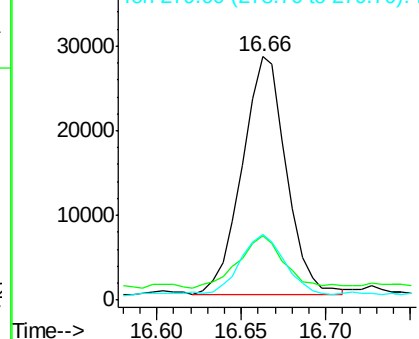
278 100

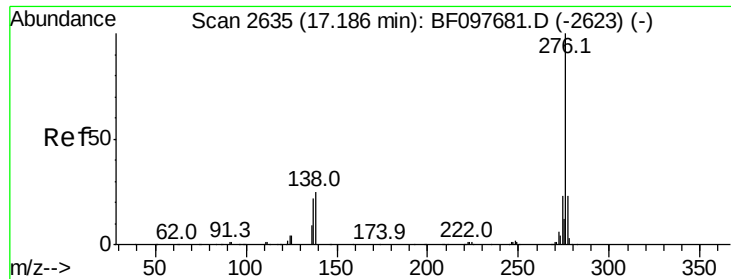
139 26.4 16.6 24.8#

279 26.8 19.3 28.9



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

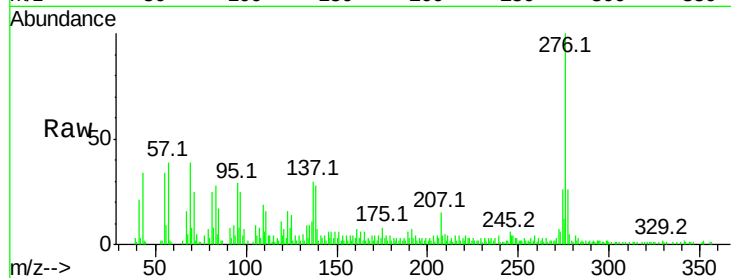




#91
 Benzo(a,h,i)perylene
 Concen: 7.128 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.05 min
 Lab File: BF098260.D
 Acq: 2 Sep 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	28.1	25.4	38.0



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

