

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098108.D
 Acq On : 29 Aug 2017 13:55
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:56:21 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	6.73	152	134489	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	541747	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	239029	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	447163	20.00	ng	0.00
75) Chrysene-d12	13.89	240	296244	20.00	ng	0.00
86) Perylene-d12	15.31	264	254662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	704632	79.69	ng	-0.01
7) Phenol-d6	6.37	99	979826	81.56	ng	-0.01
23) Nitrobenzene-d5	7.30	82	883644	88.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	172982	83.41	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1234078	75.85	ng	-0.01
78) Terphenyl-d14	12.84	244	1120388	78.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	192762	39.092	ng	89
3) Pyridine	3.10	79	539641	39.587	ng	85
4) n-Nitrosodimethylamine	3.07	42	203689	38.834	ng	# 77
6) Aniline	6.40	93	658004	38.990	ng	98
8) 2-Chlorophenol	6.52	128	379921	40.744	ng	98
9) Benzaldehyde	6.29	77	281538	36.999	ng	91
10) Phenol	6.39	94	566976	40.354	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	427648	40.327	ng	97
12) 1,3-Dichlorobenzene	6.67	146	403235	40.203	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	407204	39.918	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	370361	39.375	ng	98
15) Benzyl Alcohol	6.88	79	347522	38.638	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	549318	38.500	ng	89
17) 2-Methylphenol	7.00	107	331124	40.297	ng	95
18) Hexachloroethane	7.25	117	163323	40.837	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	313846	38.163	ng	# 88
20) 3+4-Methylphenols	7.15	107	392774	39.135	ng	91
22) Acetophenone	7.15	105	535850	37.441	ng	# 90
24) Nitrobenzene	7.32	77	477443	42.999	ng	92
25) Isophorone	7.56	82	817404	39.419	ng	96
26) 2-Nitrophenol	7.64	139	195783	48.595	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	346512	40.068	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	539922	39.605	ng	99
29) 2,4-Dichlorophenol	7.88	162	293281	40.854	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	317234	39.863	ng	99
31) Naphthalene	8.05	128	1096292	38.980	ng	99
32) Benzoic acid	7.83	122	269688	43.494	ng	91
33) 4-Chloroaniline	8.09	127	471399	39.743	ng	99
34) Hexachlorobutadiene	8.16	225	189040	40.684	ng	98
35) Caprolactam	8.48	113	102596	42.039	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	368843	39.990	ng	# 79
37) 2-Methylnaphthalene	8.73	142	676767	39.249	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	297086	40.499	ng	98
40) Hexachlorocyclopentadiene	8.89	237	132231	37.521	ng	100

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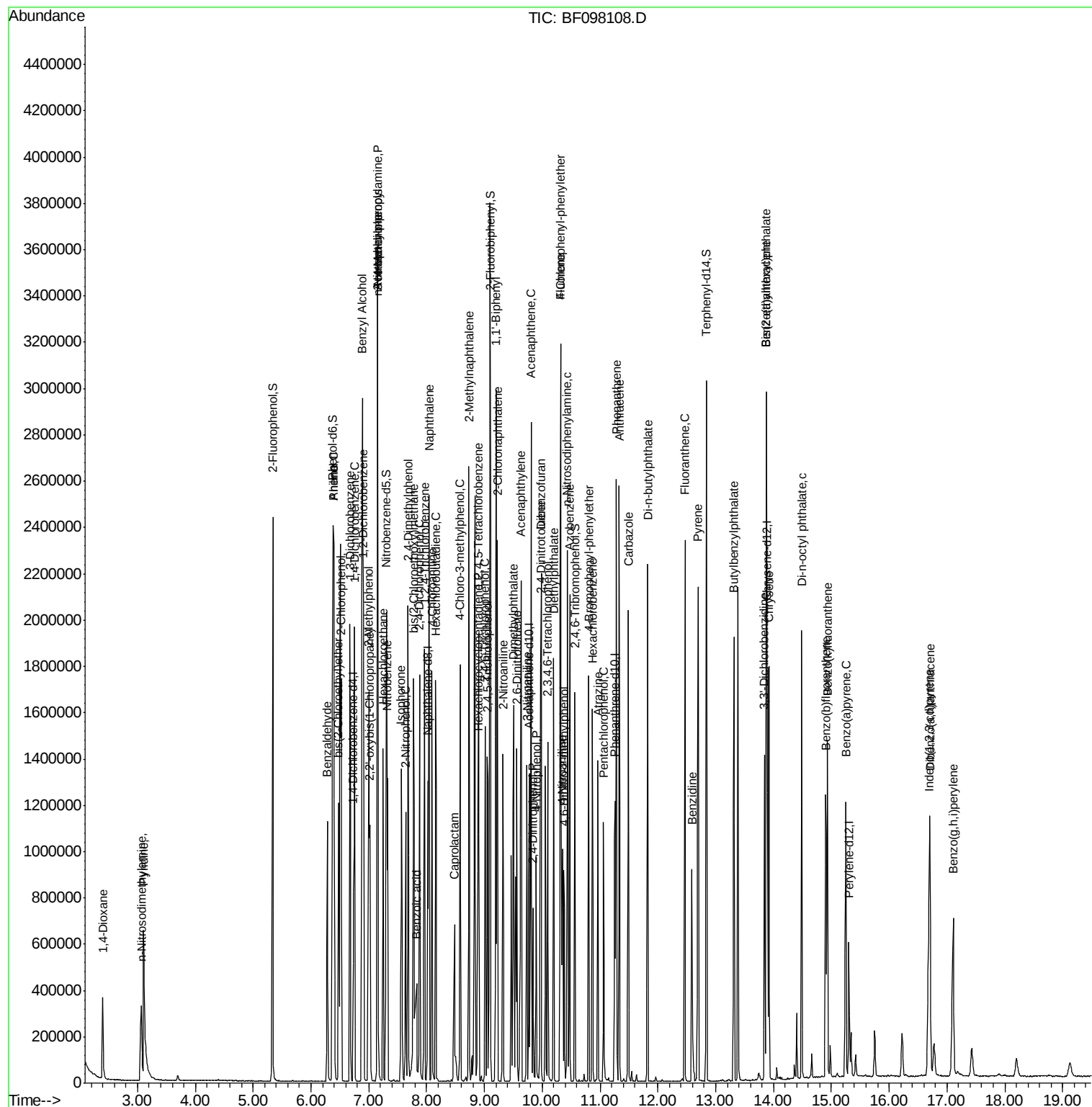
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	203962	41.413	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	205705	42.101	nq	96
45) 1,1'-Biphenyl	9.20	154	850283	39.009	nq	97
46) 2-Chloronaphthalene	9.22	162	630814	39.168	nq	# 92
47) 2-Nitroaniline	9.32	65	250083	46.318	nq	97
48) Acenaphthylene	9.64	152	985206	38.954	nq	99
49) Dimethylphthalate	9.50	163	693969	39.718	nq	100
50) 2,6-Dinitrotoluene	9.56	165	152394	43.696	nq	# 56
51) Acenaphthene	9.81	154	587032	36.803	nq	99
52) 3-Nitroaniline	9.73	138	199687	44.378	nq	86
53) 2,4-Dinitrophenol	9.84	184	72236	48.163	nq	# 79
54) Dibenzofuran	9.98	168	815099	38.128	nq	99
55) 4-Nitrophenol	9.90	139	141571	39.440	nq	# 48
56) 2,4-Dinitrotoluene	9.97	165	193197	44.141	nq	# 60
57) Fluorene	10.32	166	636266	38.496	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	153596	40.603	nq	94
59) Diethylphthalate	10.20	149	699136	38.264	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	299528	39.009	nq	# 85
61) 4-Nitroaniline	10.35	138	197416	46.161	nq	78
62) Azobenzene	10.47	77	804914	37.086	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	102158	48.398	nq	# 70
65) n-Nitrosodiphenylamine	10.43	169	600106	39.410	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	188269	40.545	nq	95
67) Hexachlorobenzene	10.87	284	188295	39.784	nq	# 86
68) Atrazine	10.96	200	144637	35.817	nq	99
69) Pentachlorophenol	11.06	266	108718	39.397	nq	98
70) Phenanthrene	11.28	178	900139	37.776	nq	100
71) Anthracene	11.33	178	931175	38.529	nq	99
72) Carbazole	11.49	167	879472	38.337	nq	98
73) Di-n-butylphthalate	11.82	149	1060099	40.118	nq	99
74) Fluoranthene	12.47	202	928914	37.349	nq	100
76) Benzidine	12.59	184	349110	35.942	nq	# 93
77) Pyrene	12.70	202	956843	39.491	nq	99
79) Butylbenzylphthalate	13.32	149	403638	43.451	nq	# 70
80) Benzo(a)anthracene	13.88	228	659772	37.160	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	256370	42.790	nq	# 96
82) Chrysene	13.92	228	670268	37.949	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	493753	47.966	nq	# 100
84) Di-n-octyl phthalate	14.49	149	877869	49.013	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	634326	48.821	nq	94
87) Benzo(b)fluoranthene	14.90	252	643169	40.067	nq	99
88) Benzo(k)fluoranthene	14.93	252	532903	35.336	nq	# 94
89) Benzo(a)pyrene	15.25	252	561928	39.543	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	540397	46.711	nq	96
91) Benzo(g,h,i)perylene	17.11	276	568822	47.122	nq	# 92

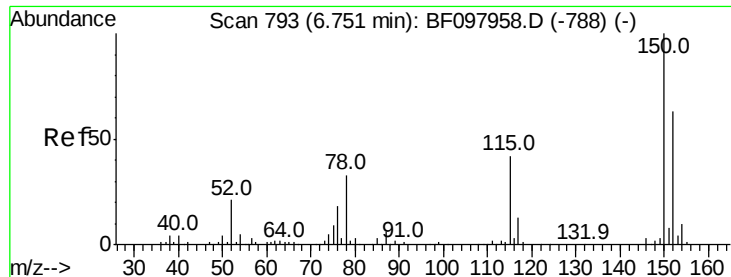
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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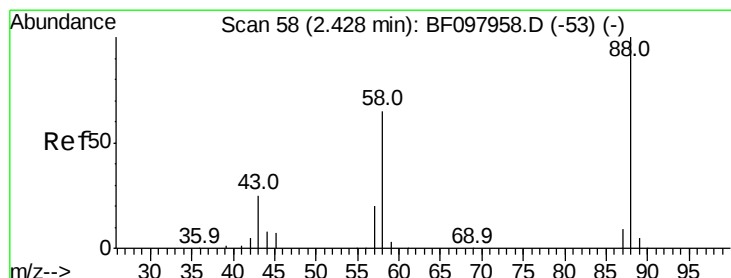
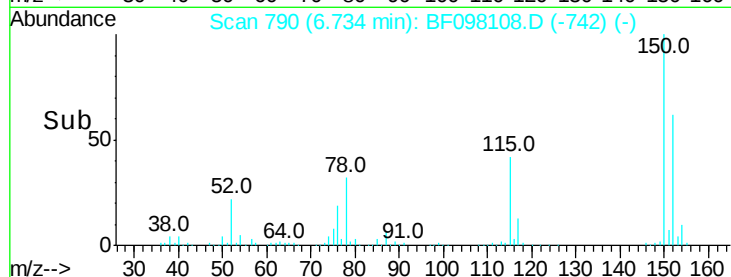
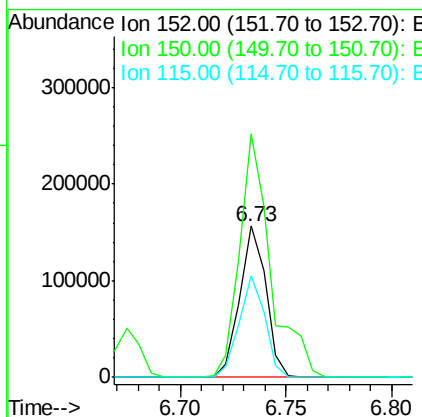
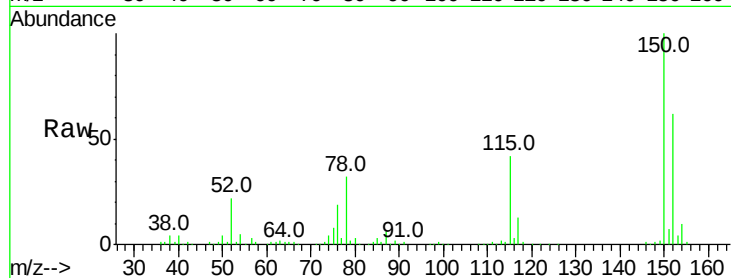


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Instrument :
BNA_F
ClientSampleId :

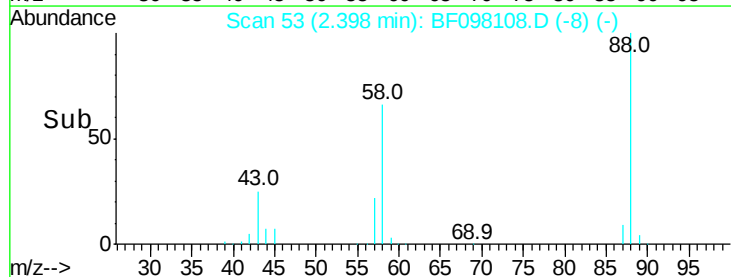
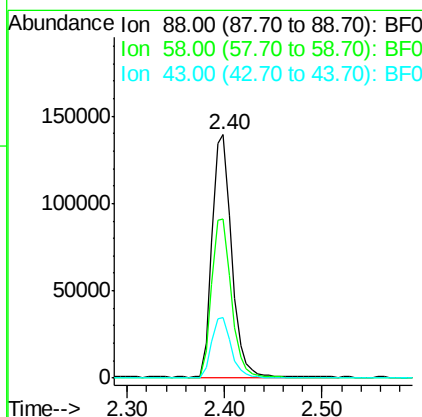
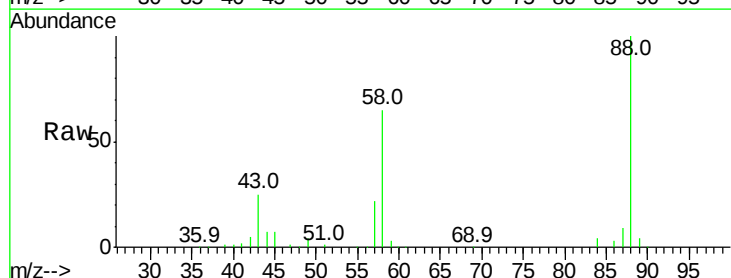
Tot Ion:152 Resp: 134489
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 67.6 52.2 78.2

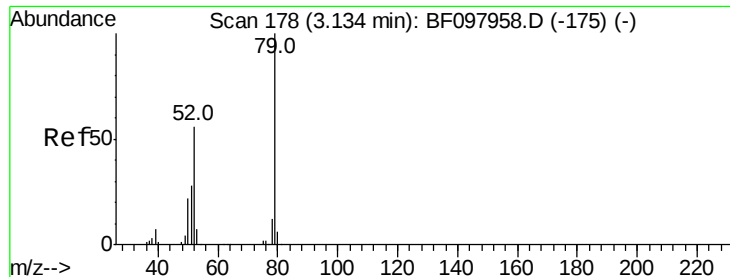


#2

1,4-Dioxane
Concen: 39.092 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.04 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion: 88 Resp: 192762
Ion Ratio Lower Upper
88 100
58 66.4 61.4 92.0
43 25.4 23.4 35.0





#3

Pvridine

Concen: 39.587 ng

RT: 3.10 min Scan# 173

Delta R.T. -0.03 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

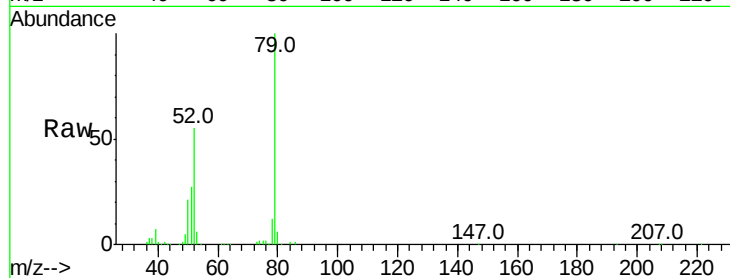
Tot Ion: 79 Resp: 539641

Ion Ratio Lower Upper

79 100

52 55.3 54.8 82.2

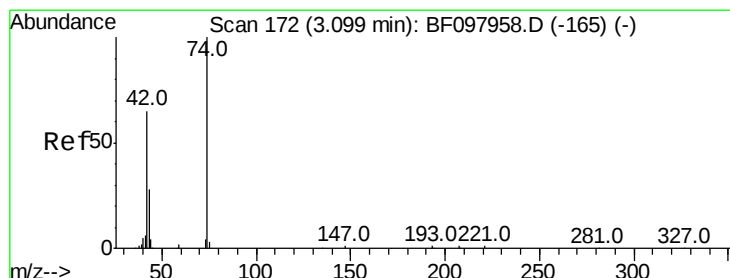
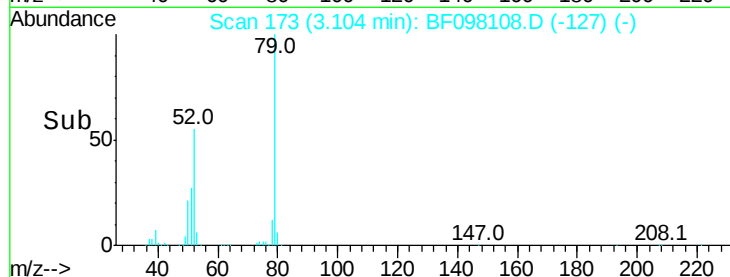
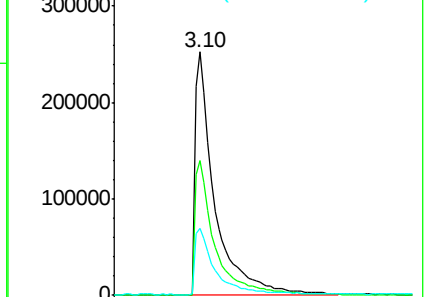
51 27.3 27.0 40.4



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: 38.834 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.04 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

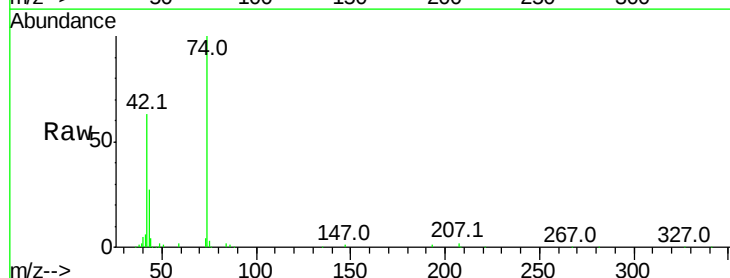
Tgt Ion: 42 Resp: 203689

Ion Ratio Lower Upper

42 100

74 158.3 103.9 155.9#

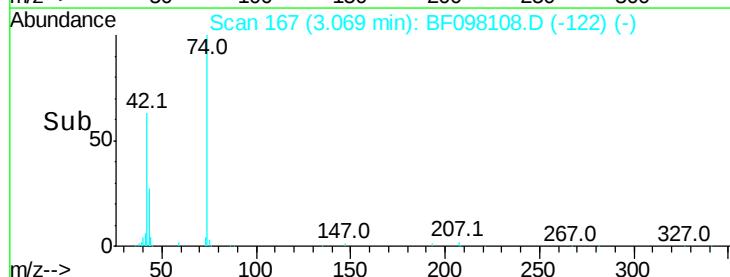
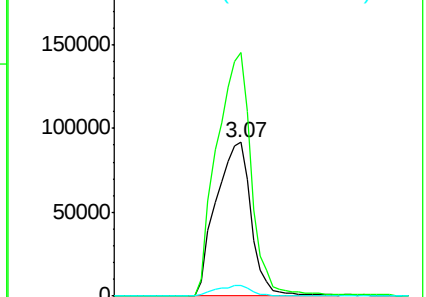
44 6.5 5.7 8.5

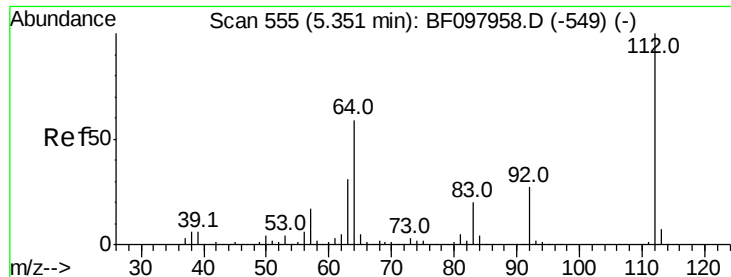


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.694 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

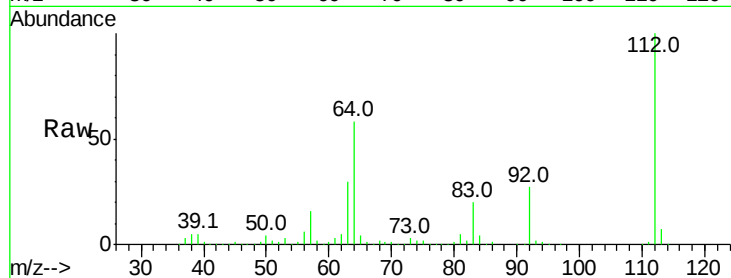
Tot Ion:112 Resp: 704632

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

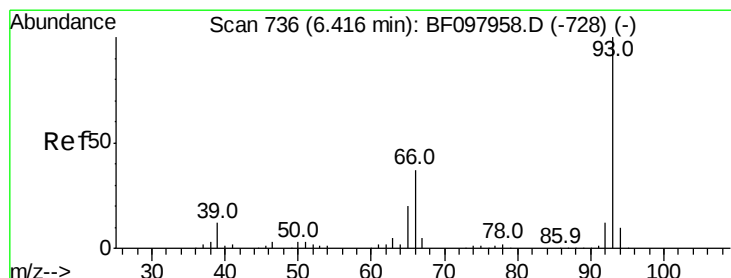
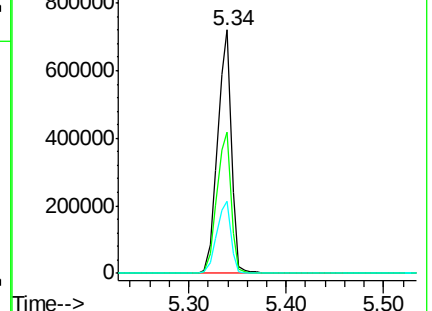
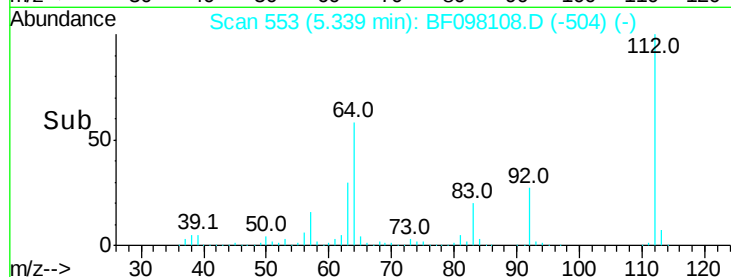
63 29.7 23.4 35.0



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: 38.990 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

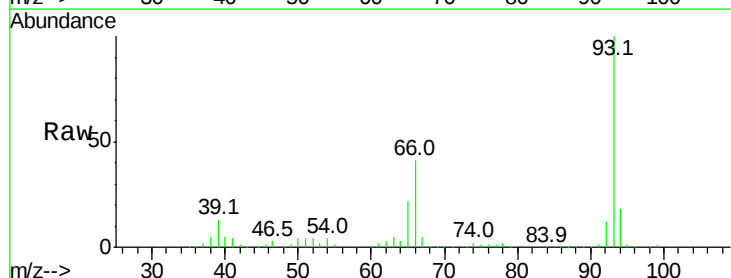
Tgt Ion: 93 Resp: 658004

Ion Ratio Lower Upper

93 100

66 40.5 32.9 49.3

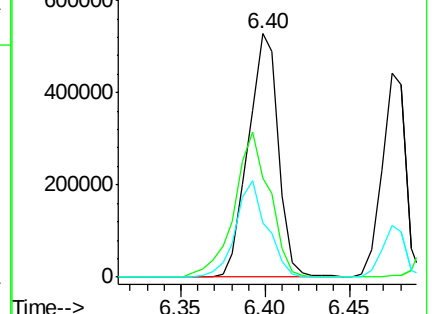
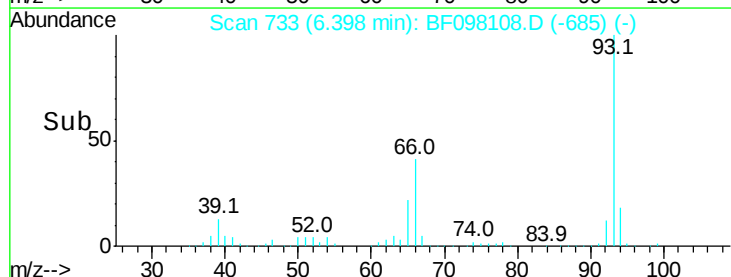
65 22.0 16.0 24.0

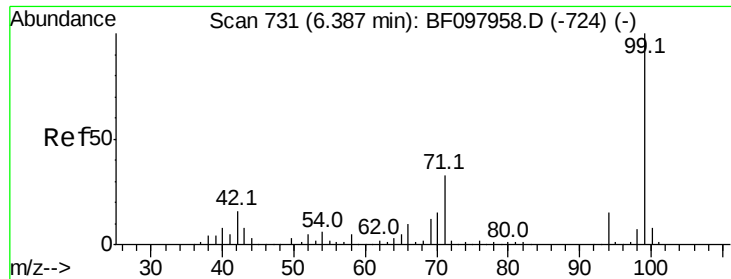


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.561 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampled :

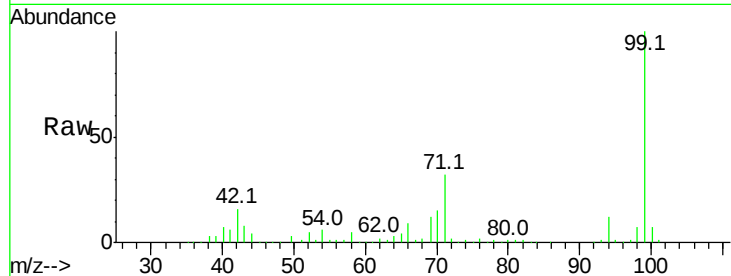
Tot Ion: 99 Resp: 979826

Ion Ratio Lower Upper

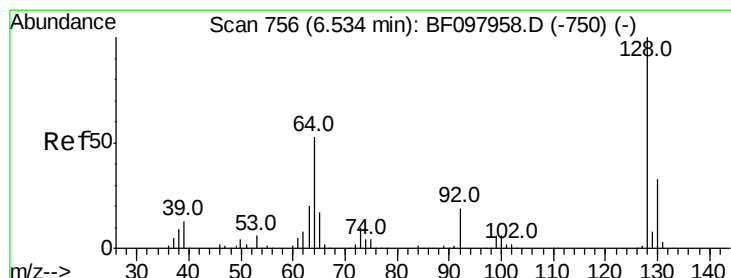
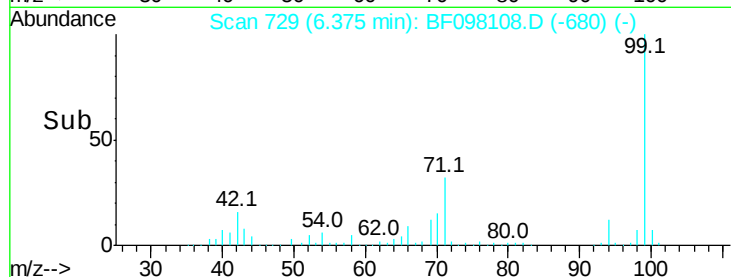
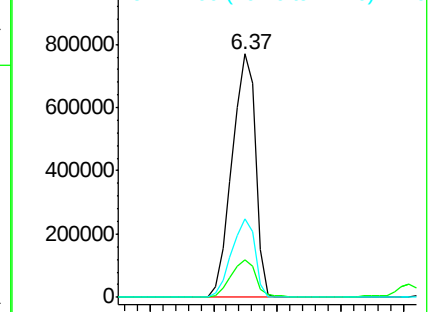
99 100

42 15.5 13.5 20.3

71 32.3 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: 40.744 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

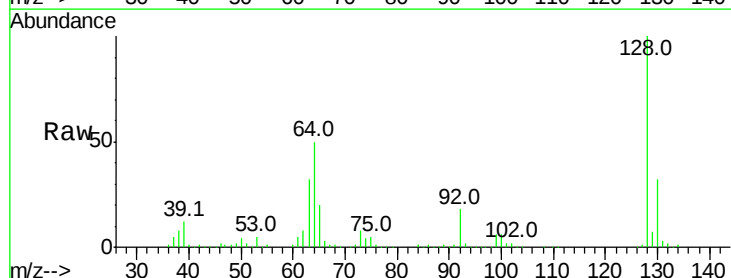
Tgt Ion: 128 Resp: 379921

Ion Ratio Lower Upper

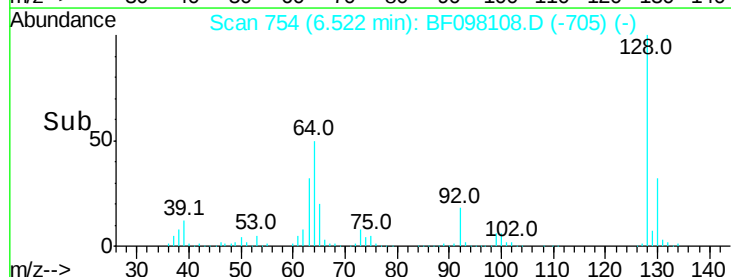
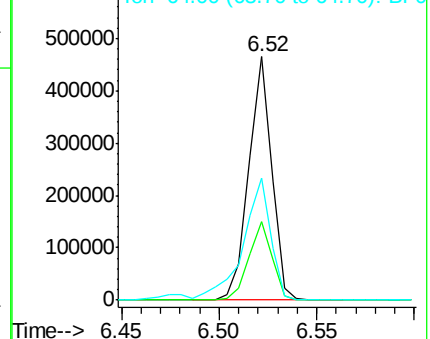
128 100

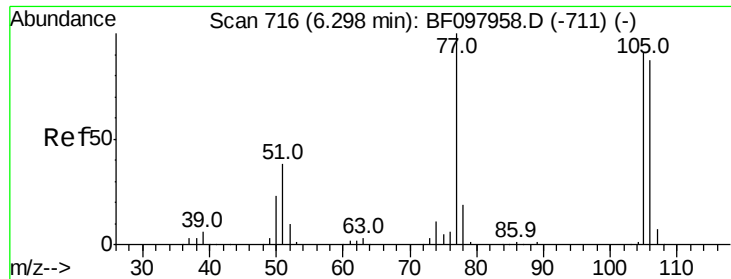
130 32.3 12.9 52.9

64 50.3 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: 36.999 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098108.D

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ClientSampleId :

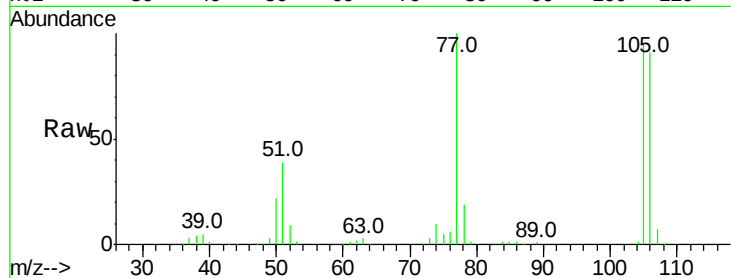
Tot Ion: 77 Resp: 281538

Ion Ratio Lower Upper

77 100

105 95.1 83.8 123.8

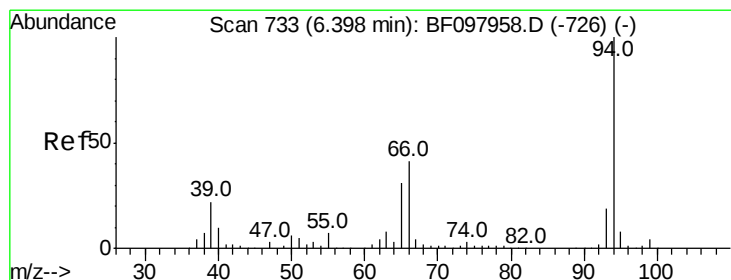
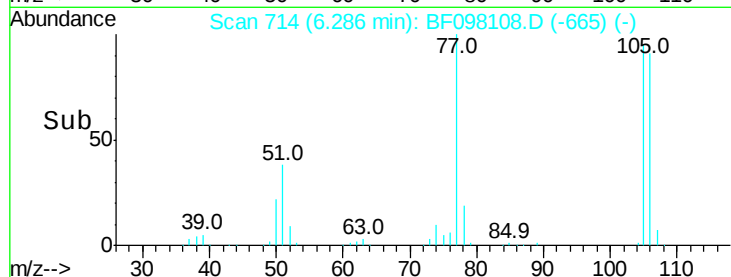
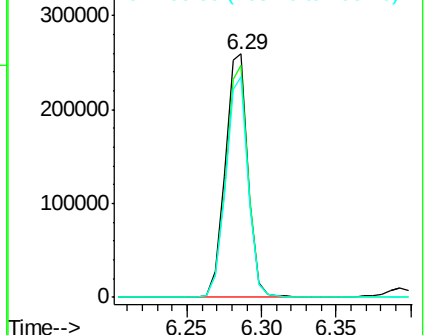
106 90.6 79.1 119.1



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: 40.354 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

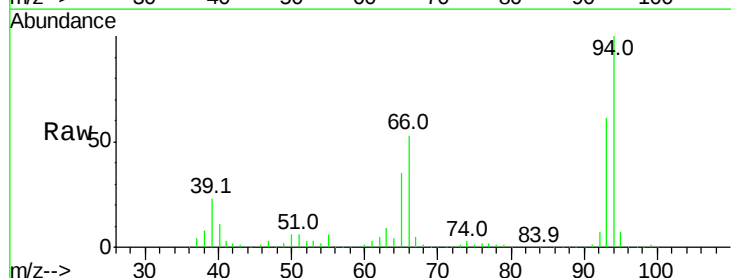
Tgt Ion: 94 Resp: 566976

Ion Ratio Lower Upper

94 100

65 35.0 9.9 49.9

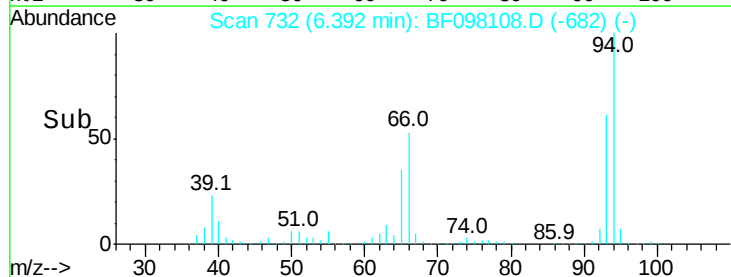
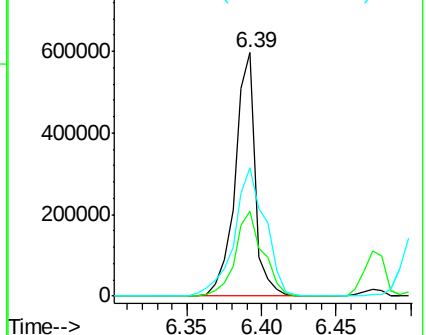
66 52.7 23.1 63.1

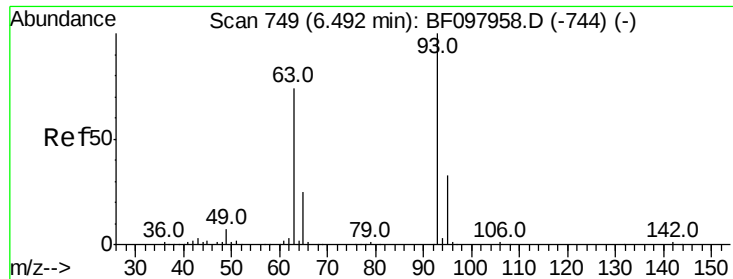


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.327 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

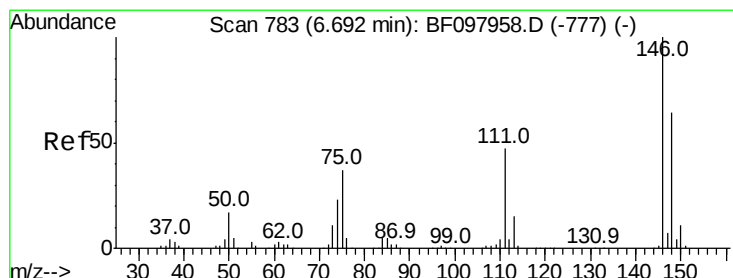
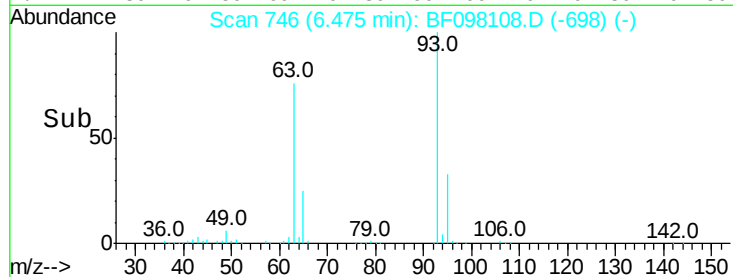
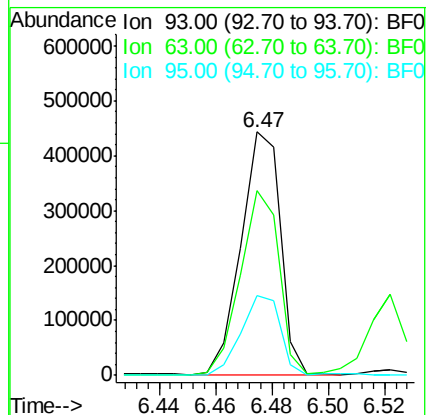
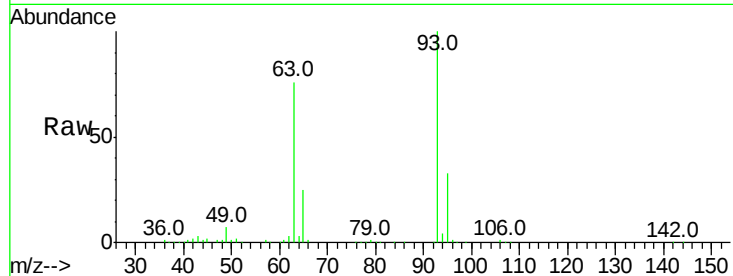
Tot Ion: 93 Resp: 427648

Ion Ratio Lower Upper

93 100

63 75.7 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.203 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

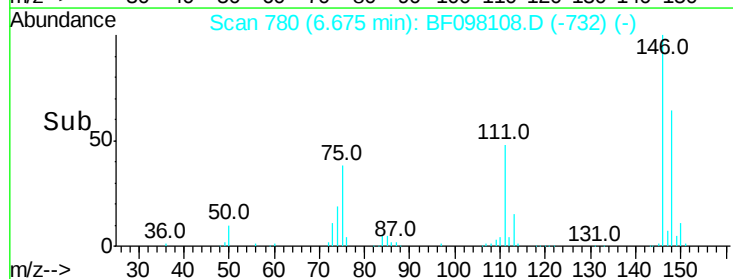
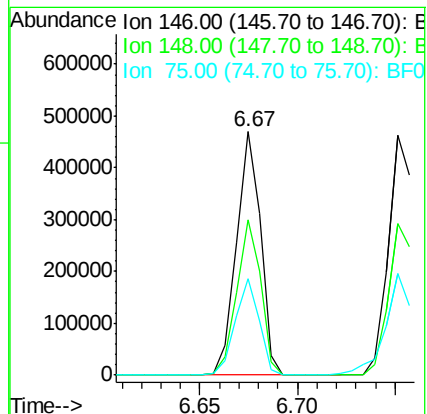
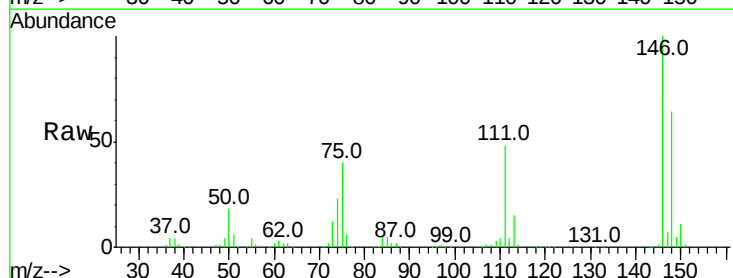
Tgt Ion: 146 Resp: 403235

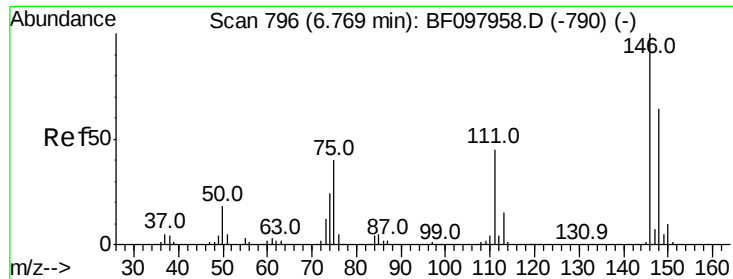
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 39.8 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.918 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampled :

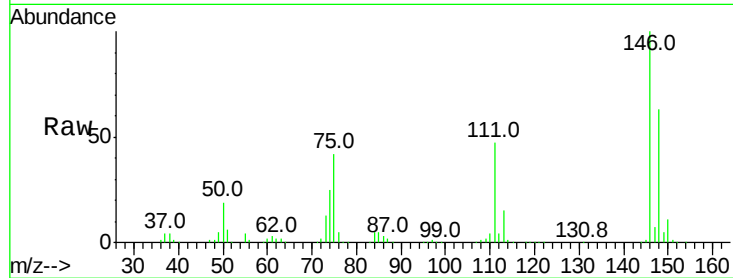
Tot Ion:146 Resp: 407204

Ion Ratio Lower Upper

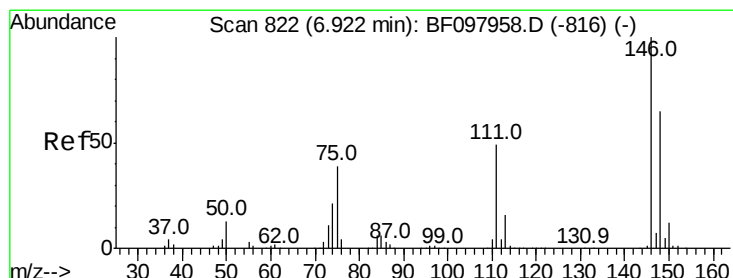
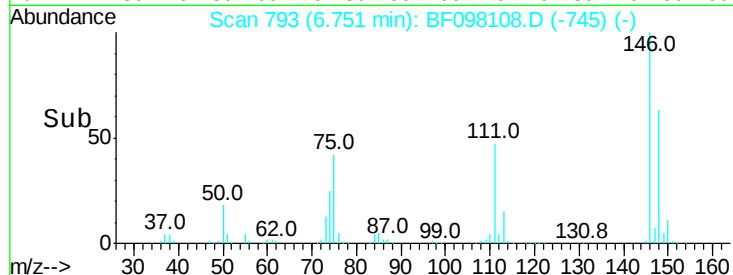
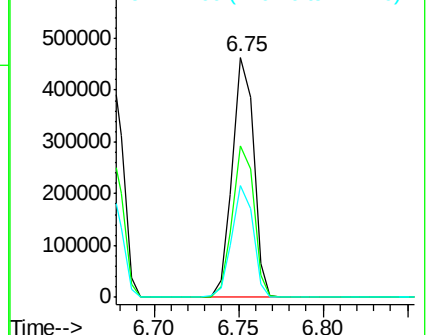
146 100

148 63.2 52.2 78.2

111 46.8 30.3 45.5#



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



#14

1,2-Dichlorobenzene

Concen: 39.375 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

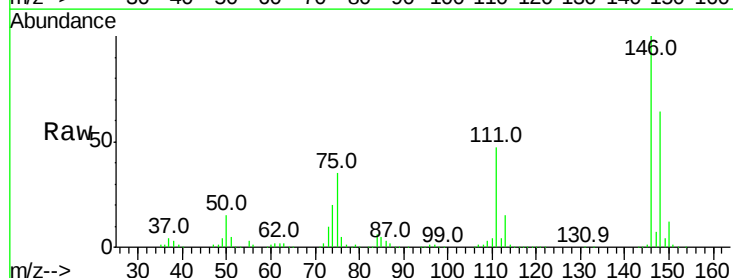
Tgt Ion:146 Resp: 370361

Ion Ratio Lower Upper

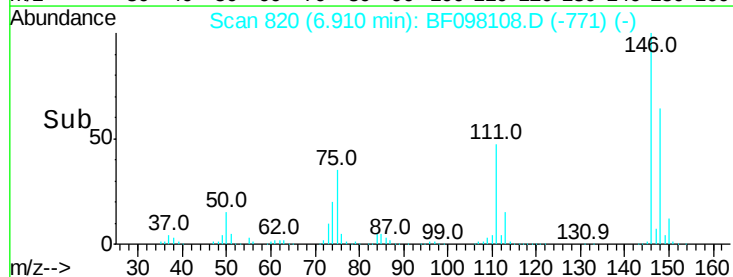
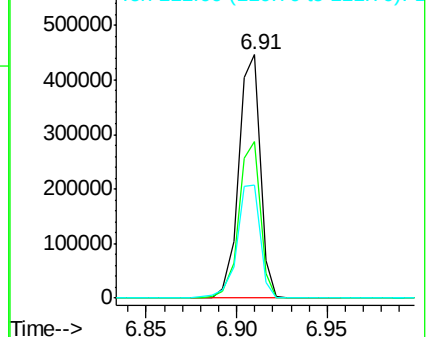
146 100

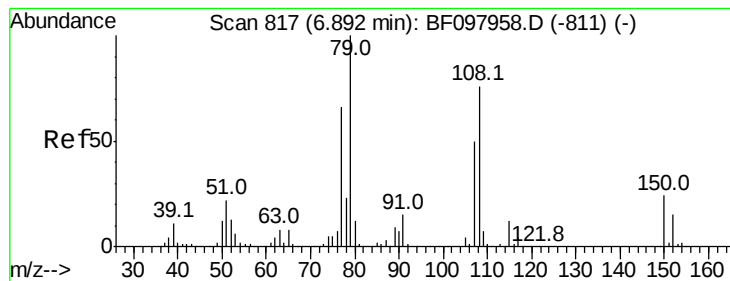
148 64.1 50.4 75.6

111 46.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.638 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :
BNA_F
ClientSampled :

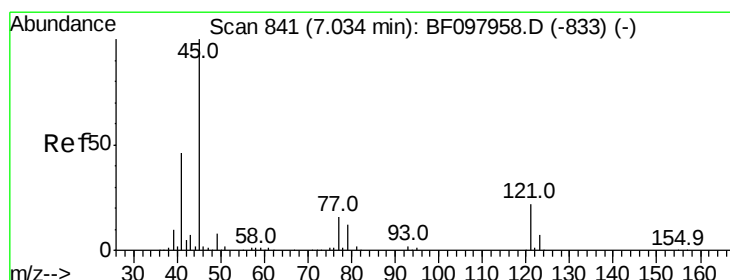
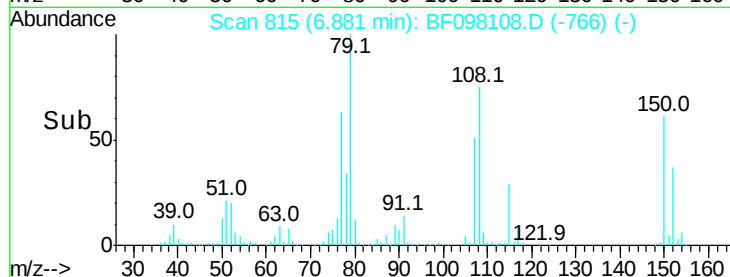
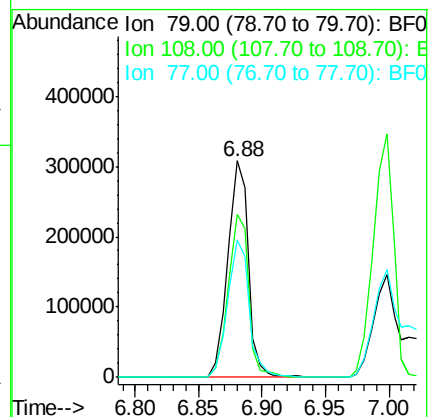
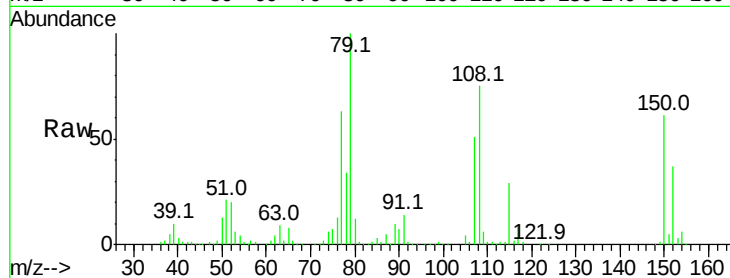
Tot Ion: 79 Resp: 347522

Ion Ratio Lower Upper

79 100

108 75.2 63.4 95.0

77 63.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.500 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

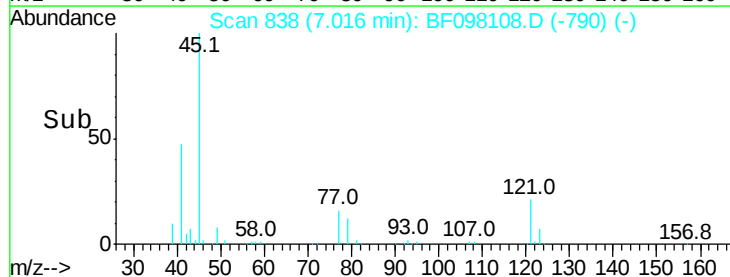
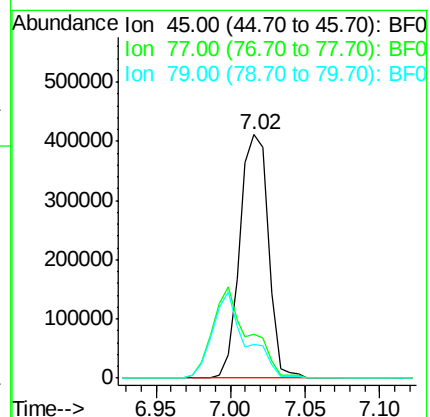
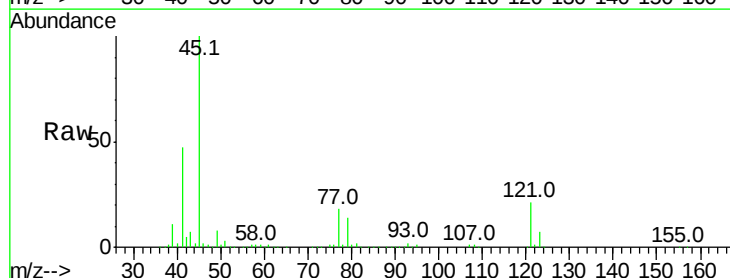
Tgt Ion: 45 Resp: 549318

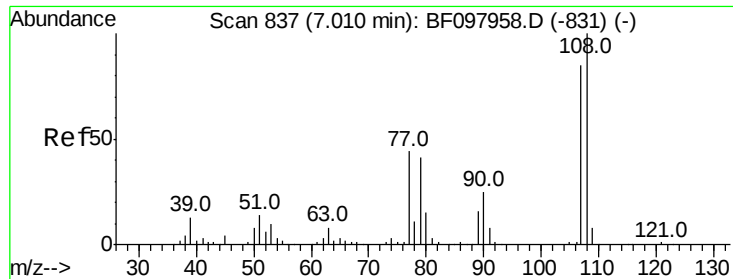
Ion Ratio Lower Upper

45 100

77 18.0 0.0 33.2

79 13.7 0.0 30.0

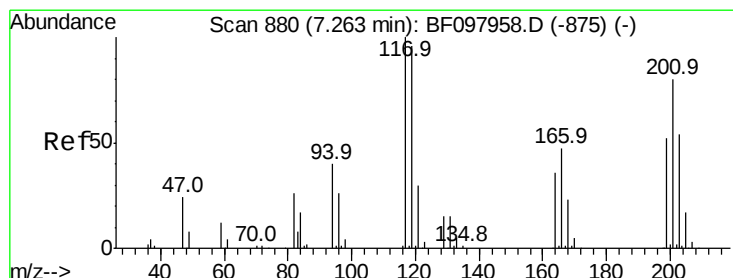
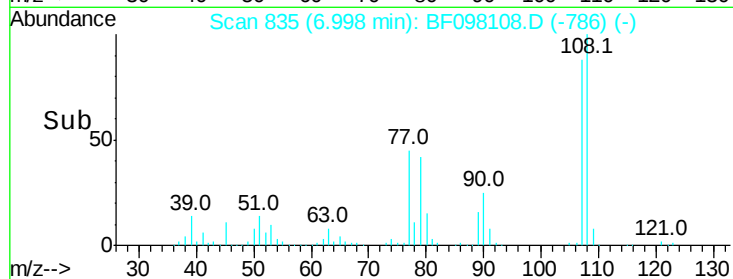
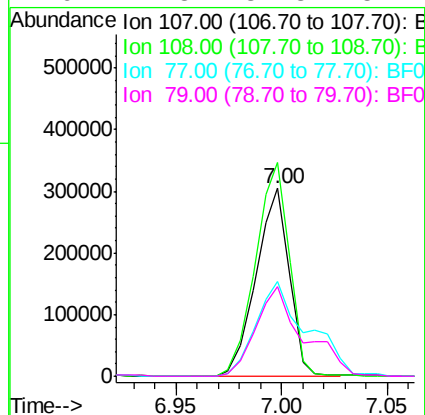
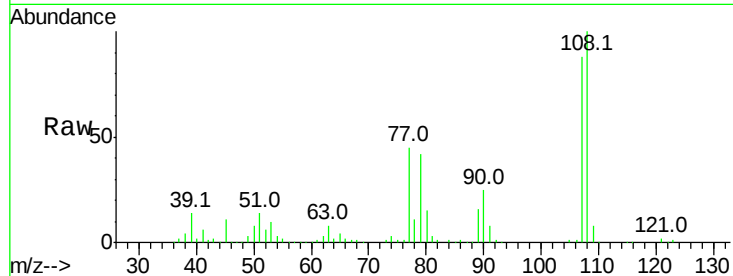




#17
2-Methylphenol
Concen: 40.297 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

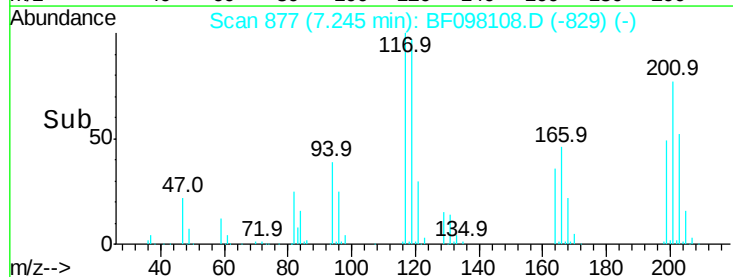
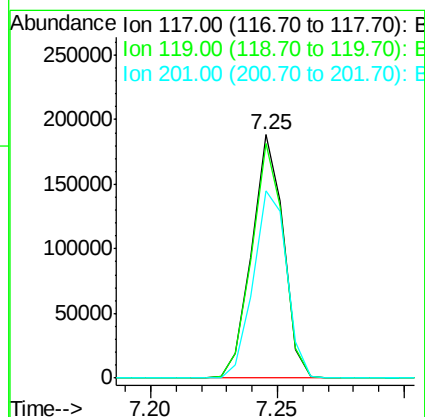
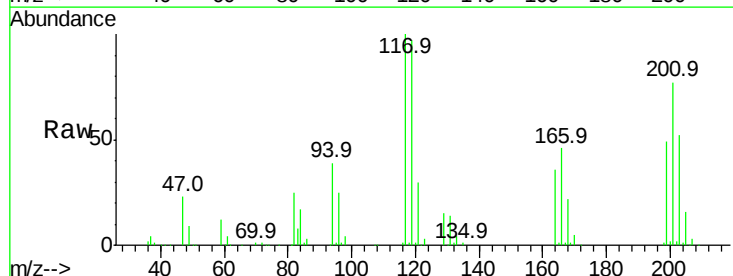
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	331124
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	50.7	35.8	53.6
79	47.8	34.8	52.2



#18
Hexachloroethane
Concen: 40.837 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:	117	Resp:	163323
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	77.1	94.6	141.8#

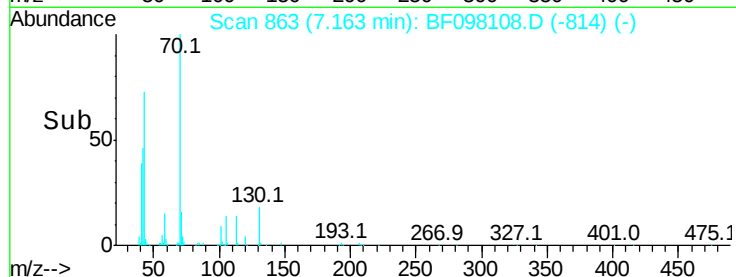
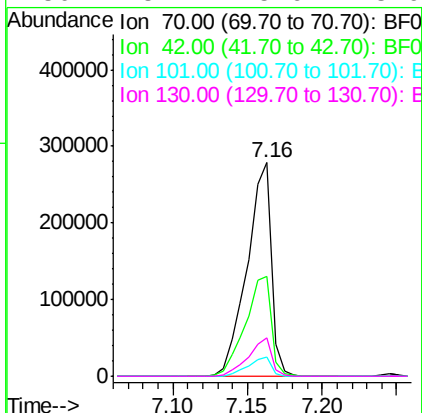
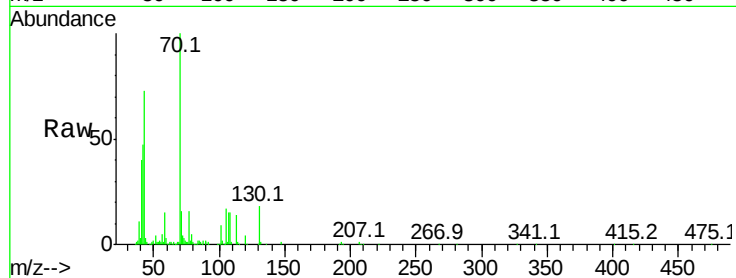




#19
n-Nitroso-di-n-propylamine
Concen: 38.163 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

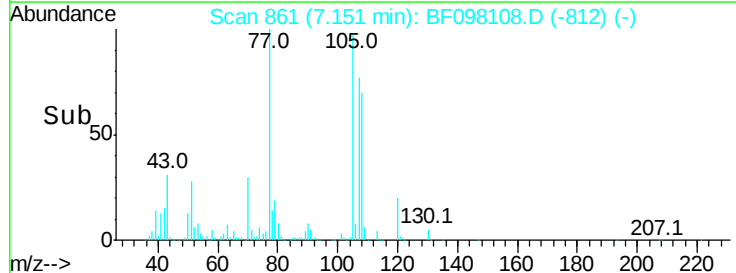
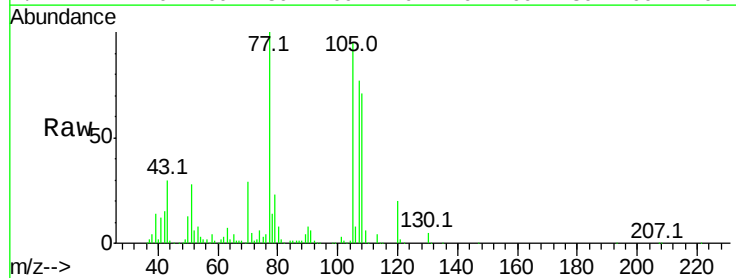
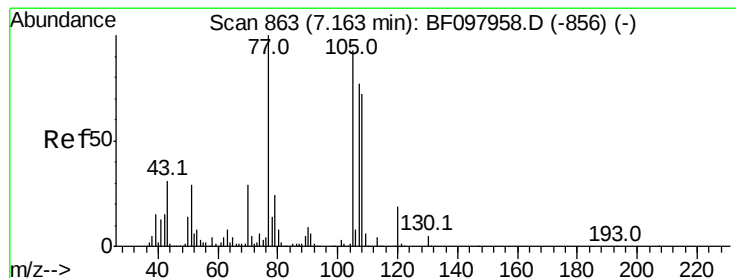
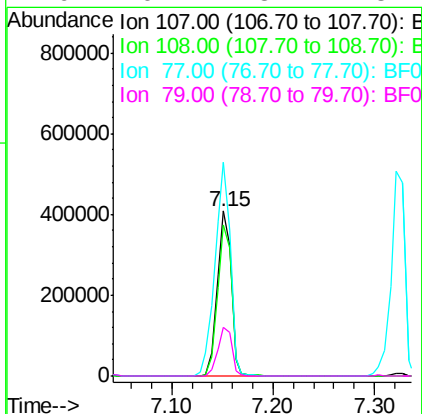
Instrument :
BNA_F
ClientSampleId :

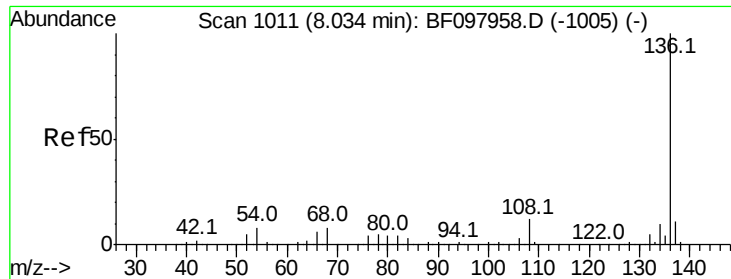
Tot Ion: 70 Resp: 313846
Ion Ratio Lower Upper
70 100
42 46.7 47.2 70.8#
101 8.9 7.2 10.8
130 18.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.135 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:107 Resp: 392774
Ion Ratio Lower Upper
107 100
108 91.7 71.0 111.0
77 129.4 90.5 130.5
79 29.4 8.4 48.4

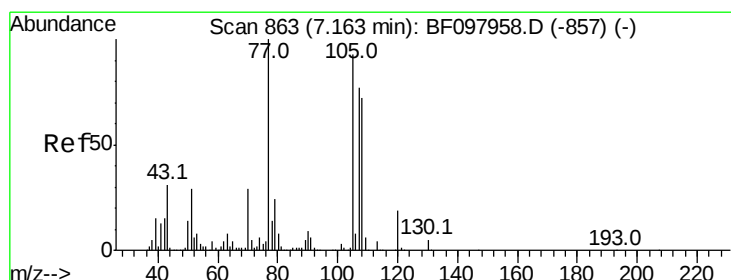
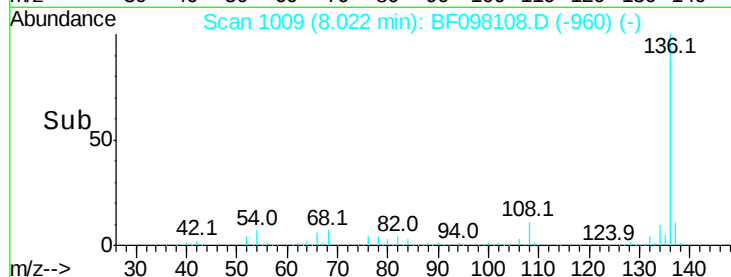
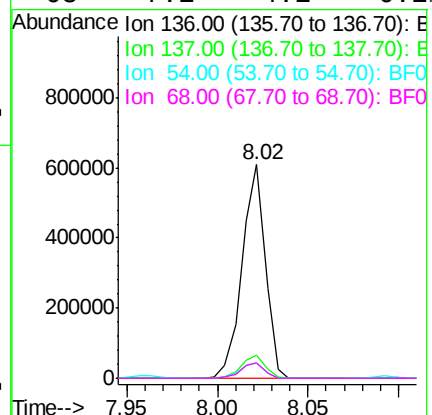
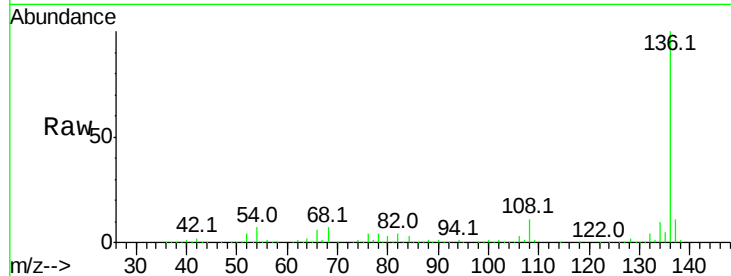




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

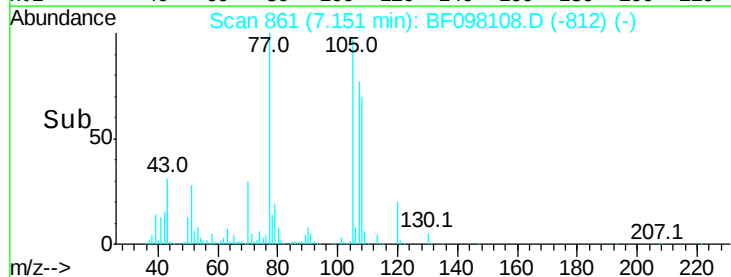
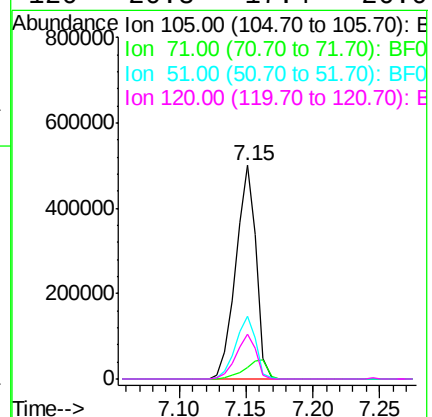
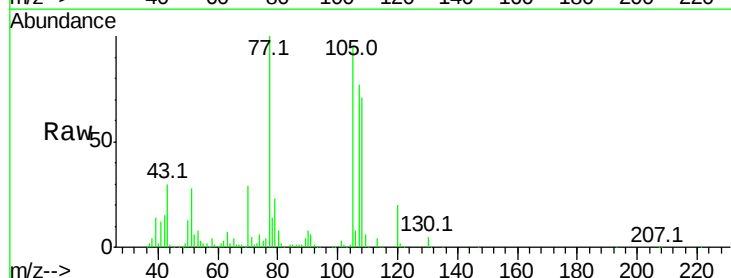
Instrument :
BNA_F
ClientSampleId :

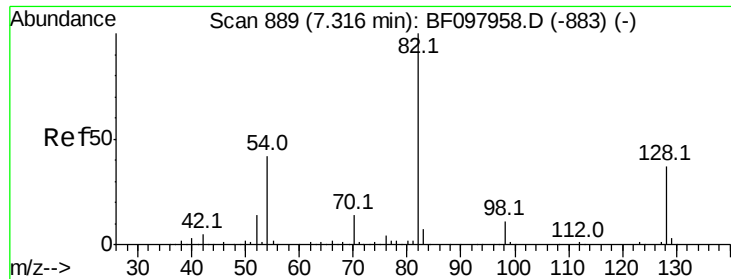
Tot Ion:136	Resp:	541747
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.2	4.9 7.3
68	7.1	4.1 6.1#



#22
Acetophenone
Concen: 37.441 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:105	Resp:	535850
Ion Ratio	Lower	Upper
105	100	
71	5.1	2.8 4.2#
51	29.5	30.7 46.1#
120	20.8	17.4 26.0

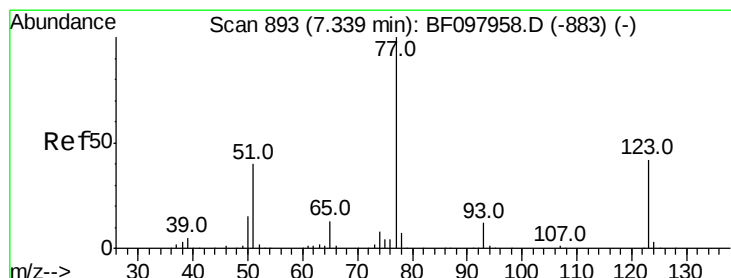
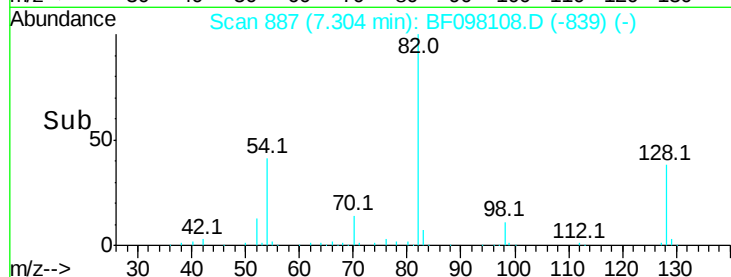
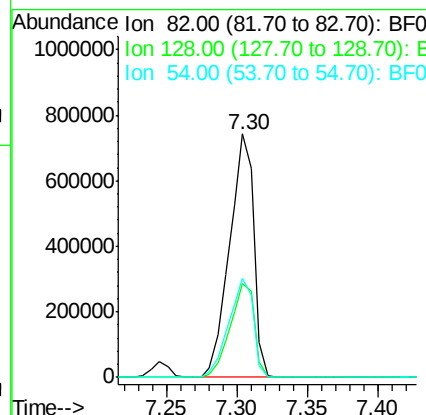
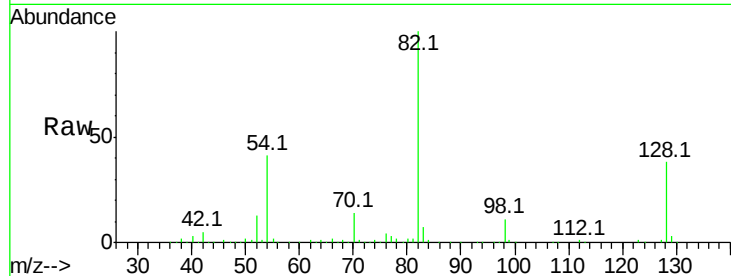




#23
 Nitrobenzene-d5
 Concen: 88.609 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

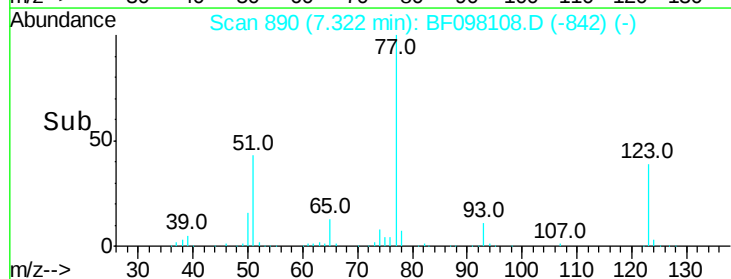
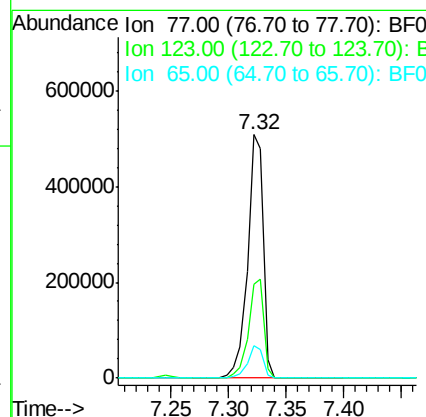
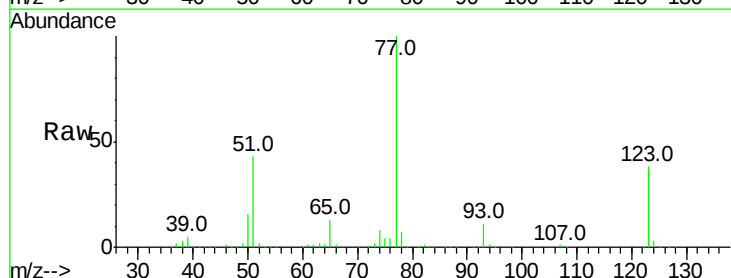
Instrument :
 BNA_F
 ClientSampled :

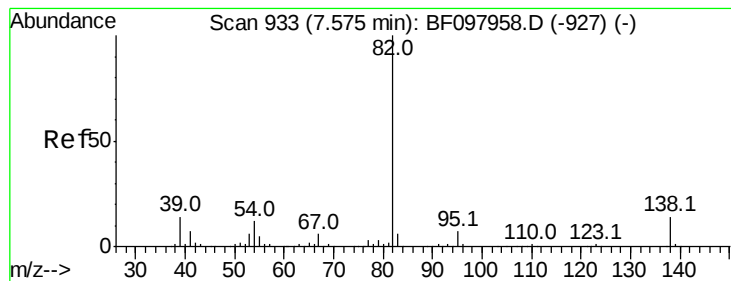
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	40.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 42.999 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 39.419 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampled :

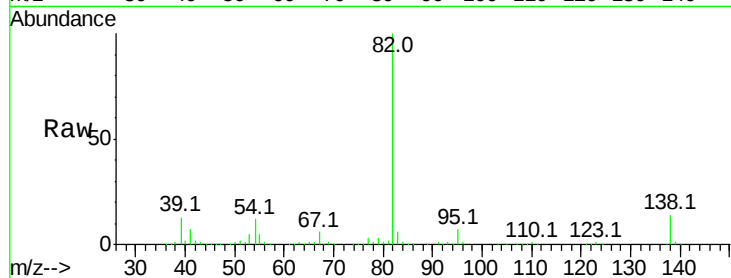
Tot Ion: 82 Resp: 817404

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

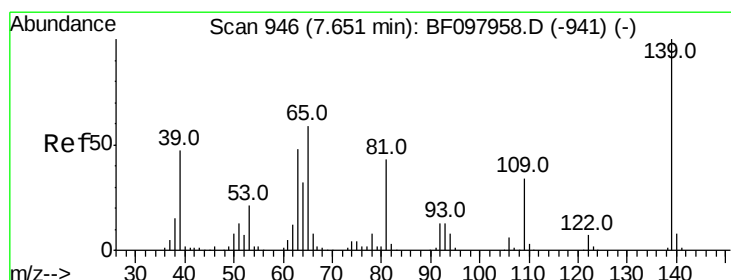
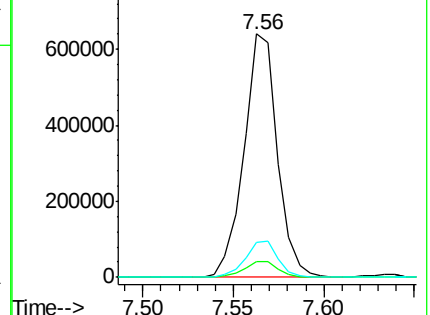
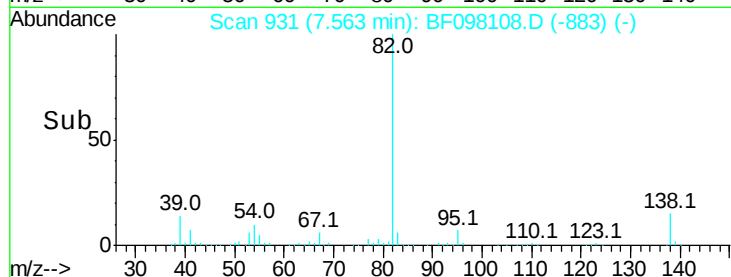
138 14.2 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 48.595 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

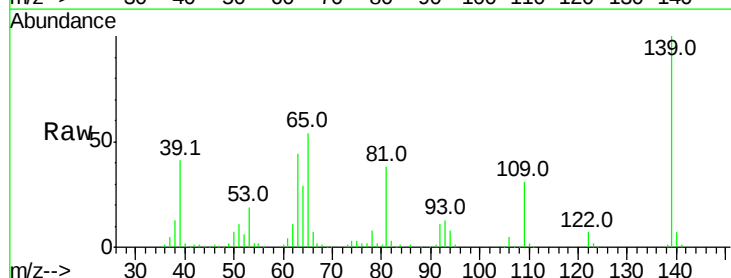
Tgt Ion:139 Resp: 195783

Ion Ratio Lower Upper

139 100

109 30.7 21.0 31.6

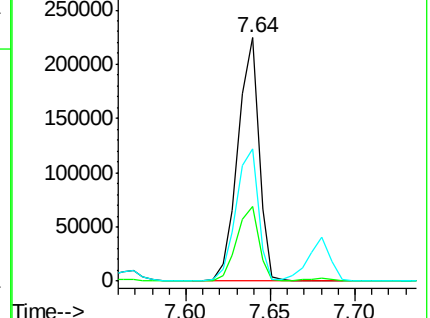
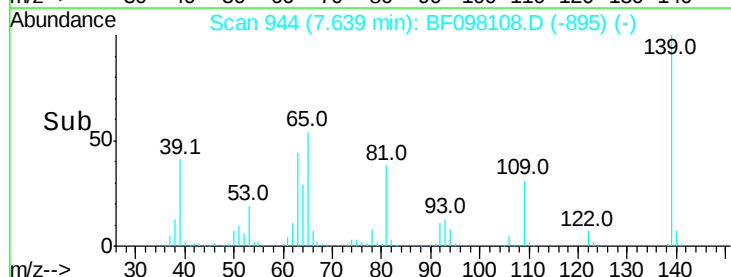
65 54.4 33.0 49.6#

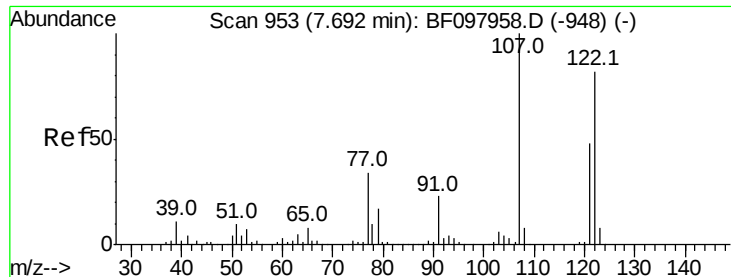


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

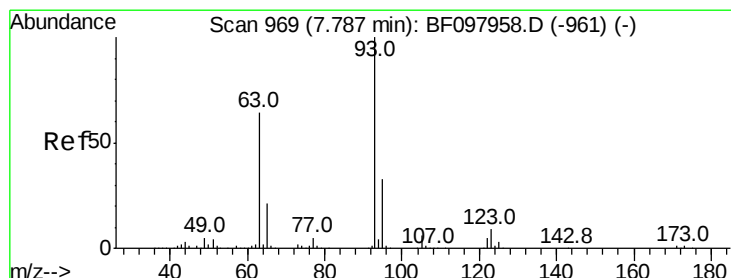
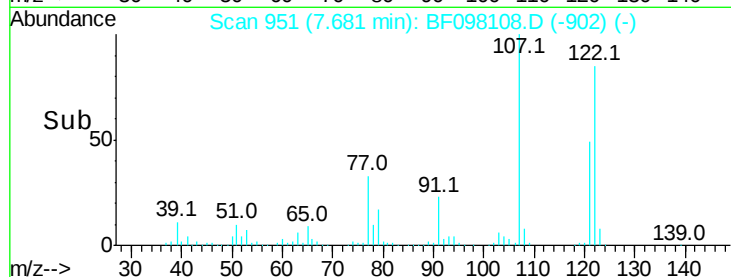
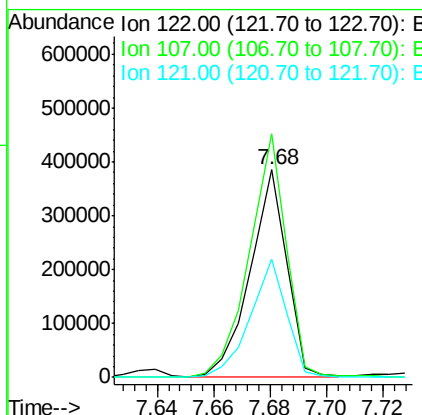
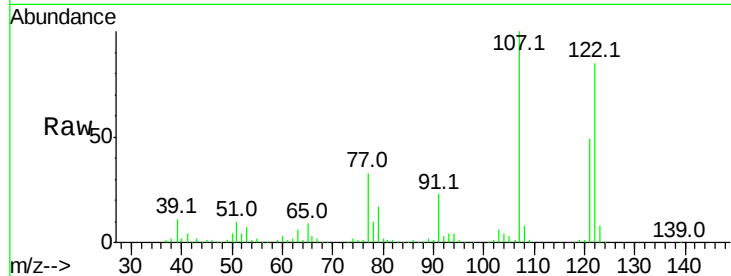




#27
 2,4-Dimethylphenol
 Concen: 40.068 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

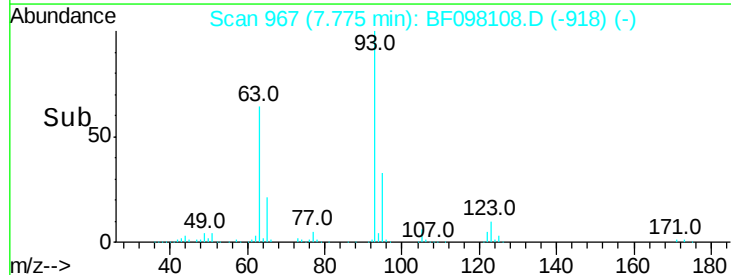
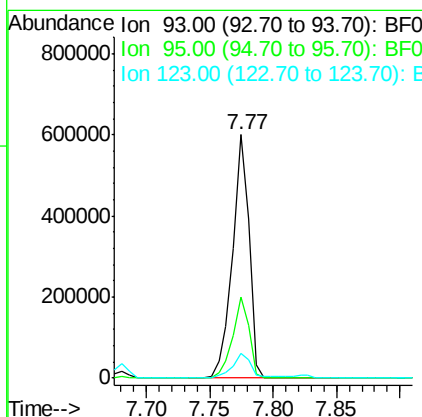
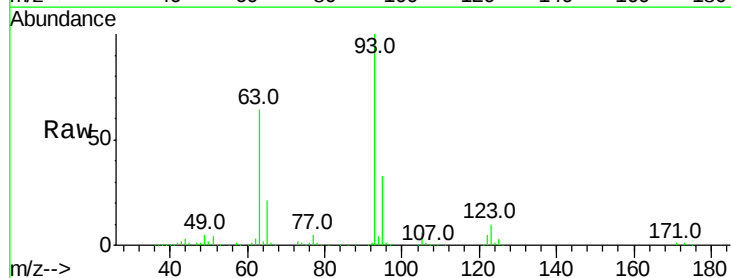
Instrument :
 BNA_F
 ClientSampleID :

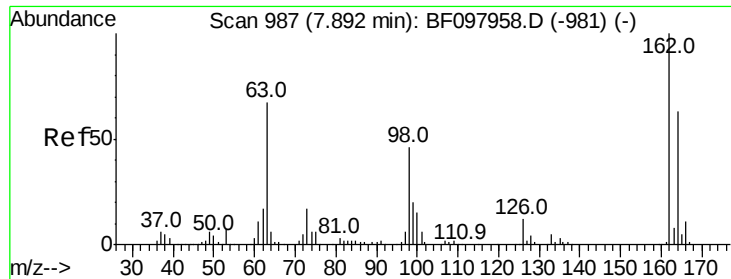
Tot Ion:122 Resp: 346512
 Ion Ratio Lower Upper
 122 100
 107 117.3 89.2 133.8
 121 56.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.605 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion: 93 Resp: 539922
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 10.1 9.0 13.4

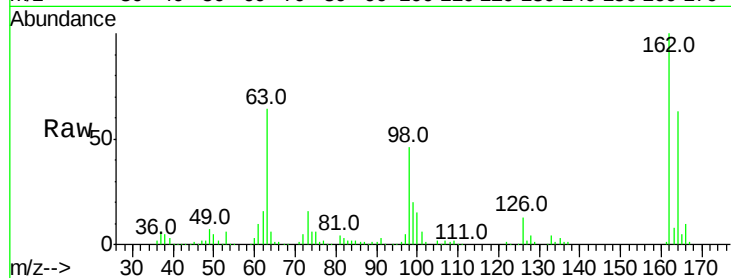




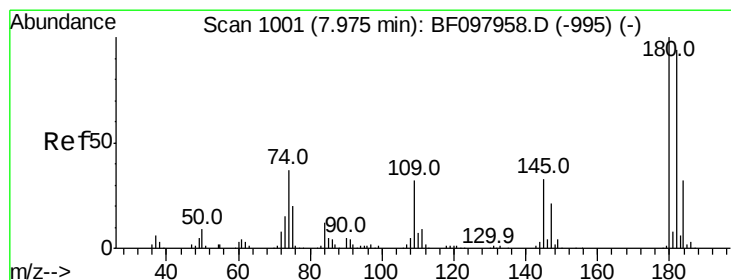
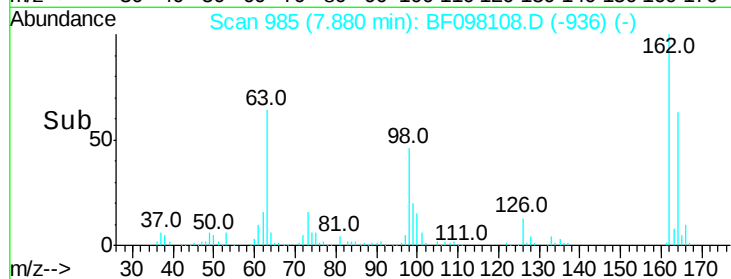
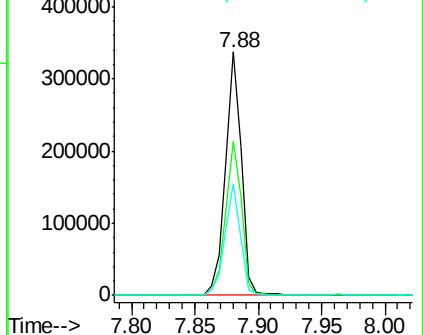
#29
 2,4-Dichlorophenol
 Concen: 40.854 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	46.1	14.8	54.8

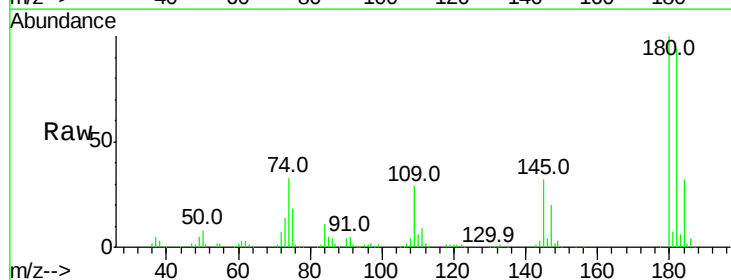


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

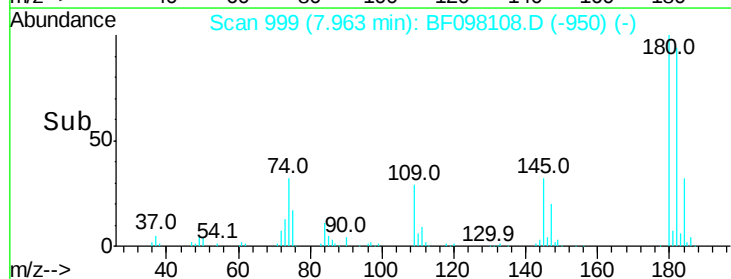
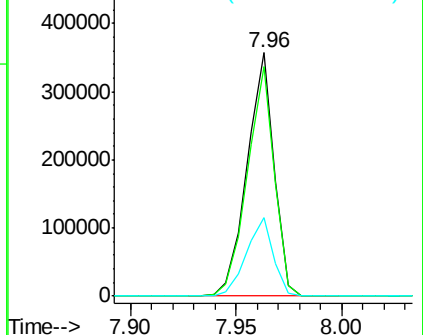


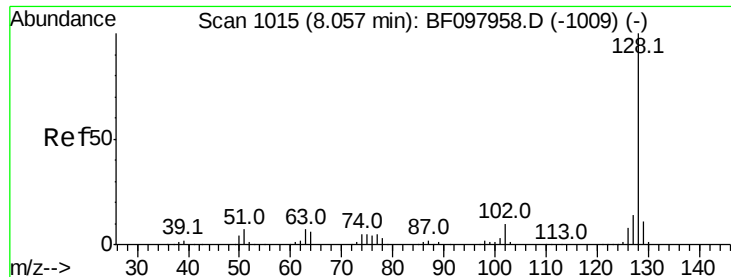
#30
 1,2,4-Trichlorobenzene
 Concen: 39.863 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	32.3	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

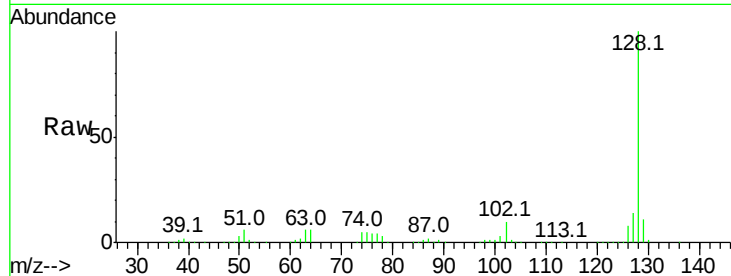




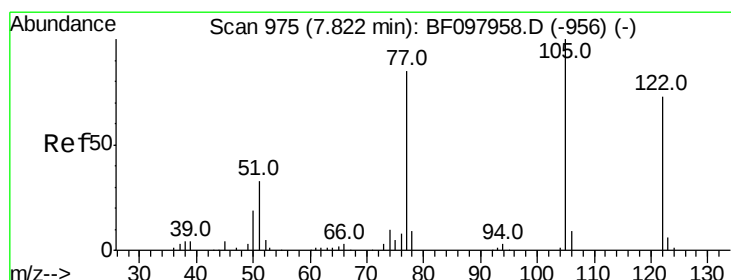
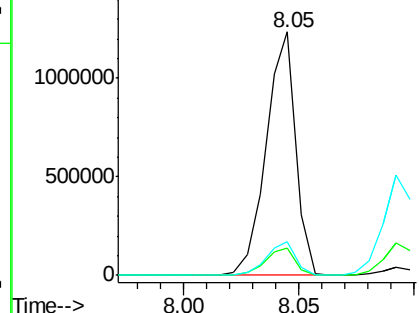
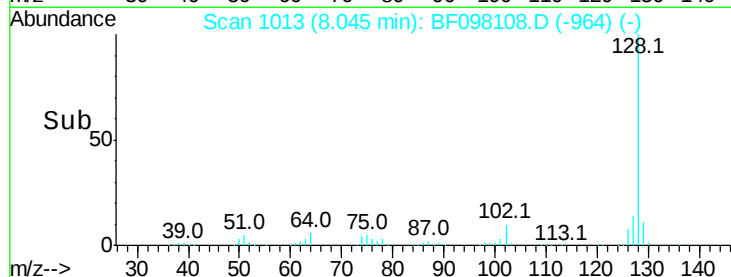
#31
Naphthalene
Concen: 38.980 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1096292
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.0 10.8 16.2

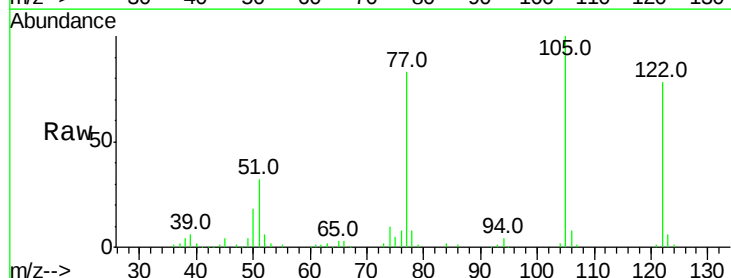


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

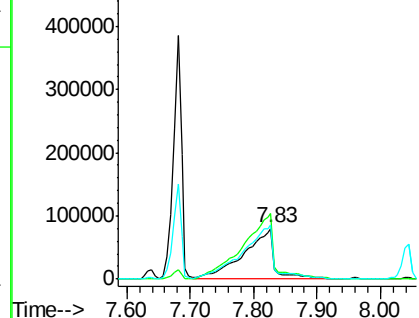
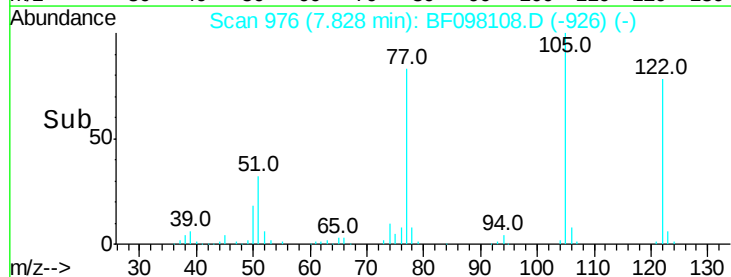


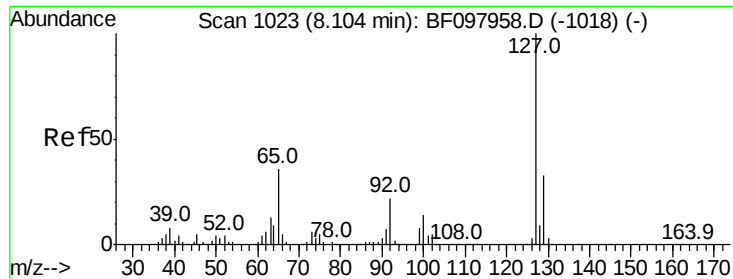
#32
Benzoic acid
Concen: 43.494 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:122 Resp: 269688
Ion Ratio Lower Upper
122 100
105 128.7 103.3 143.3
77 106.8 73.7 113.7



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

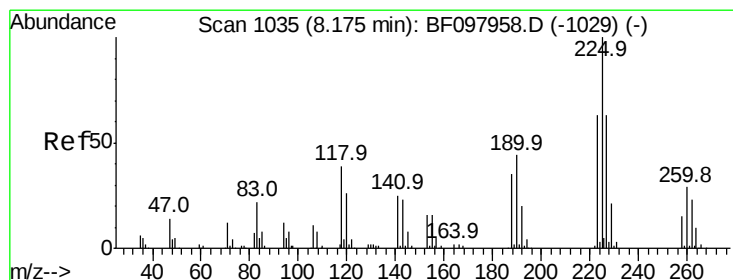
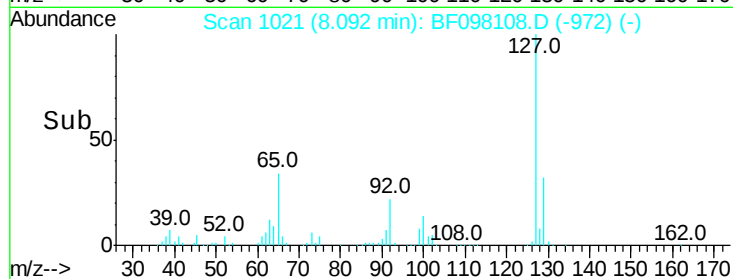
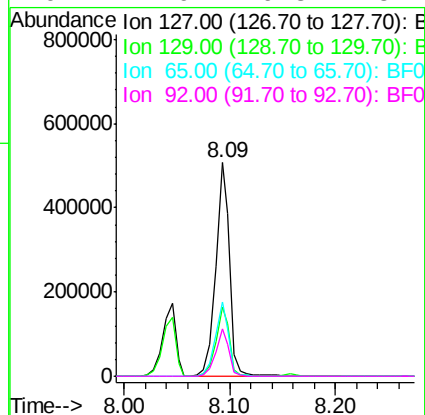
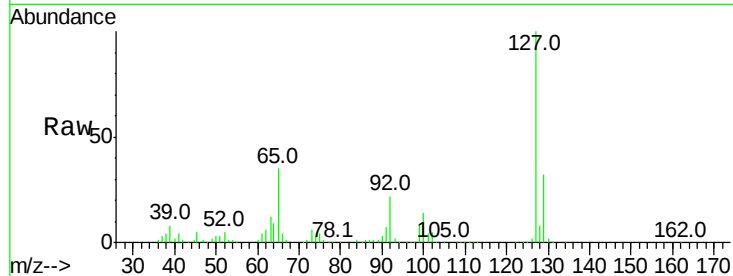




#33
4-Chloroaniline
Concen: 39.743 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

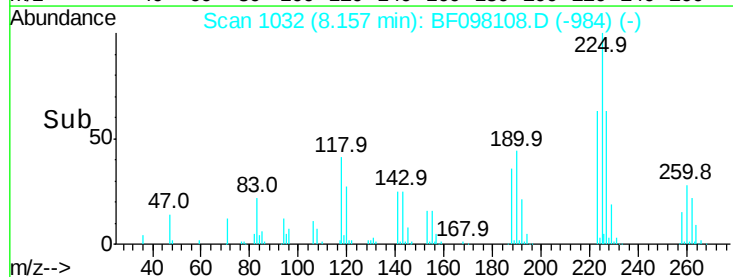
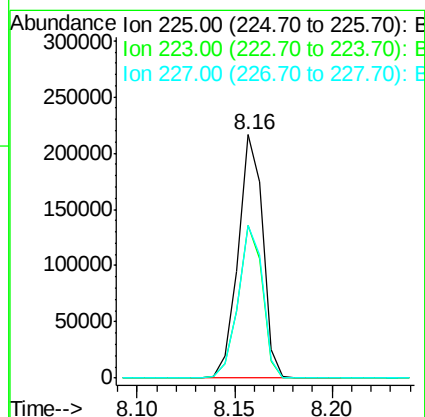
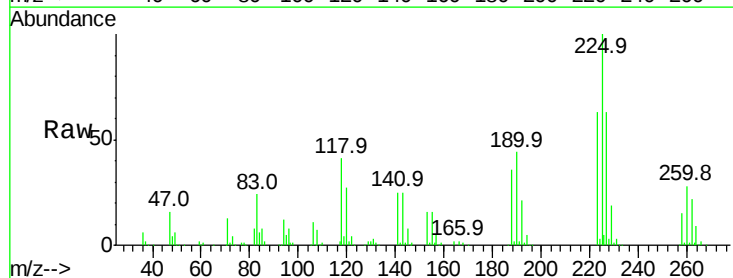
Instrument :
BNA_F
ClientSampleId :

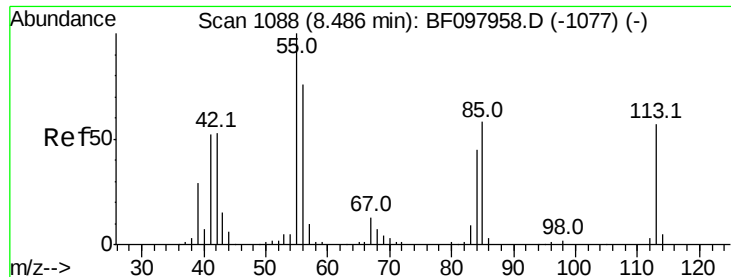
Tot Ion:	127	Resp:	471399
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	34.8	27.8	41.8
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.684 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:	225	Resp:	189040
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 42.039 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampled :

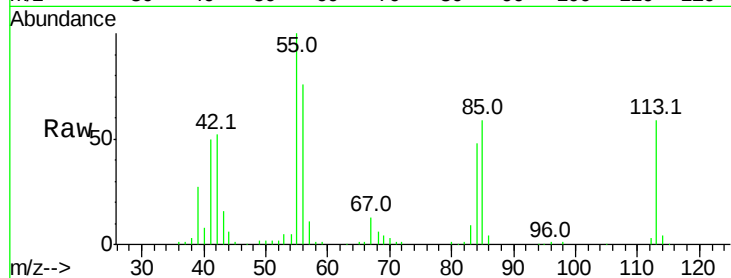
Tot Ion:113 Resp: 102596

Ion Ratio Lower Upper

113 100

55 170.4 150.2 190.2

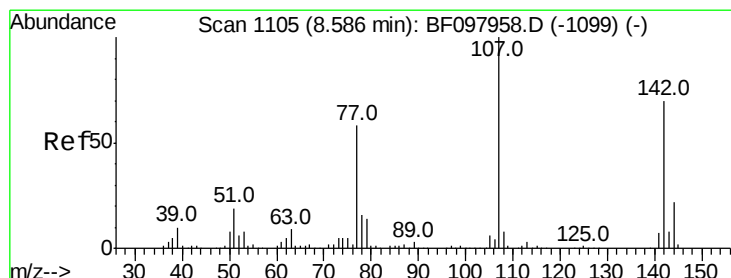
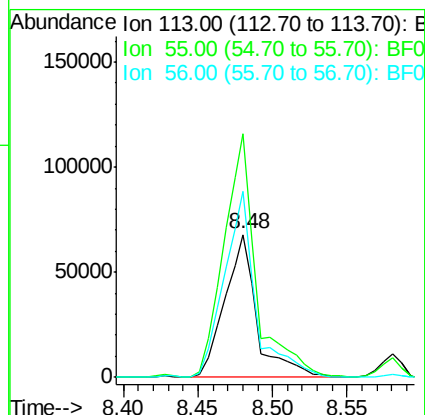
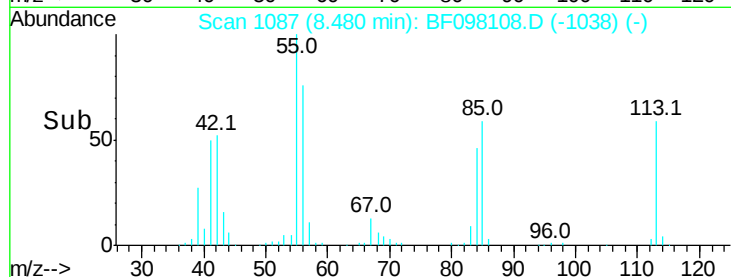
56 129.8 107.8 147.8



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: 39.990 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

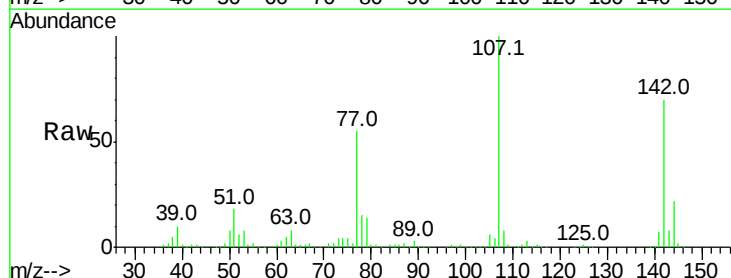
Tgt Ion:107 Resp: 368843

Ion Ratio Lower Upper

107 100

144 22.2 24.2 36.4#

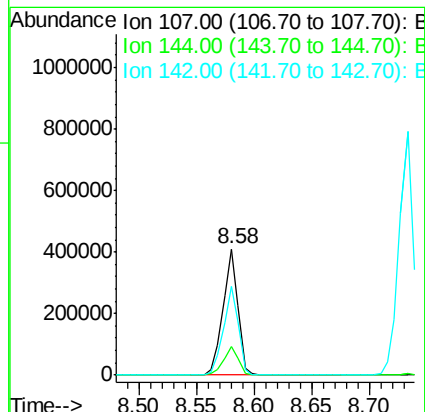
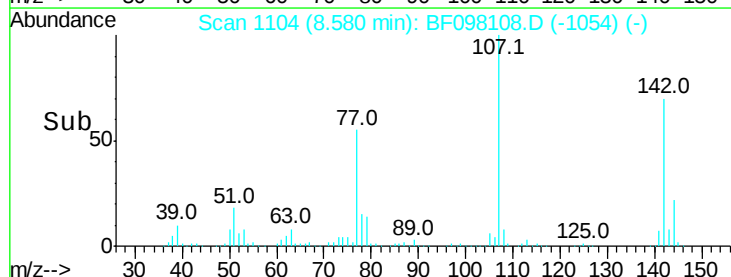
142 70.2 73.4 110.0#

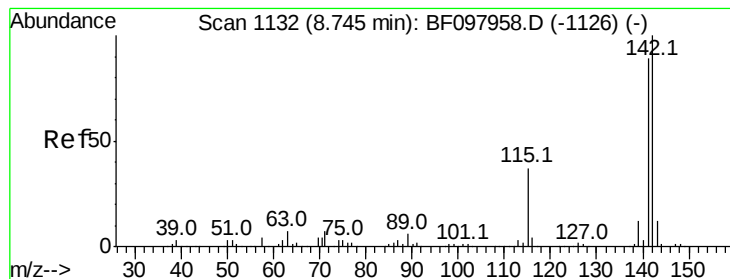


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

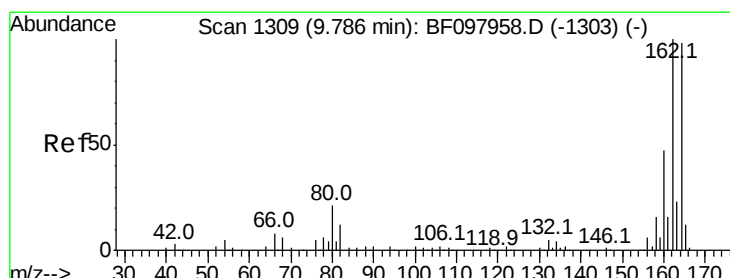
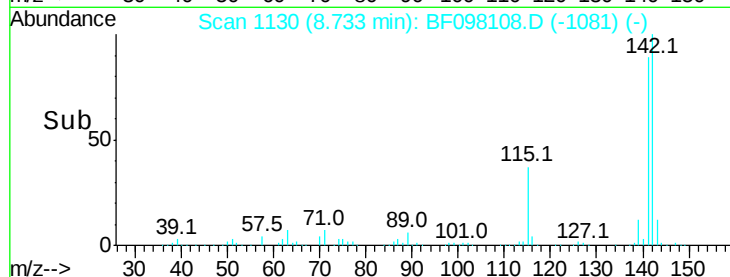
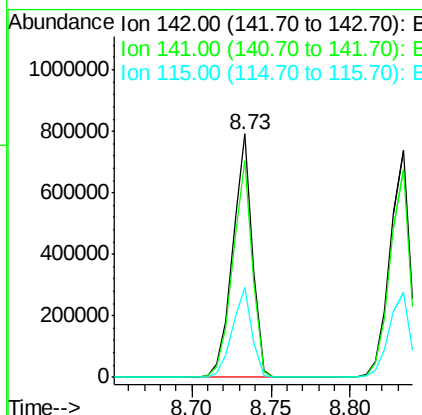
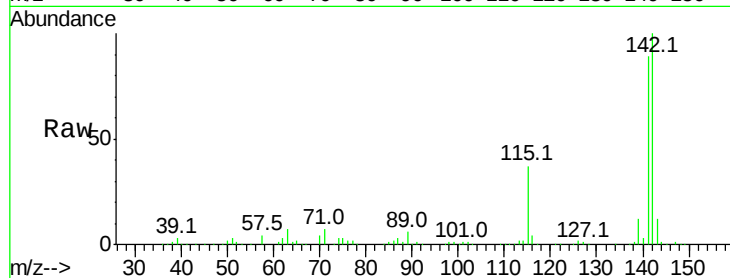




#37
 2-Methylnaphthalene
 Concen: 39.249 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

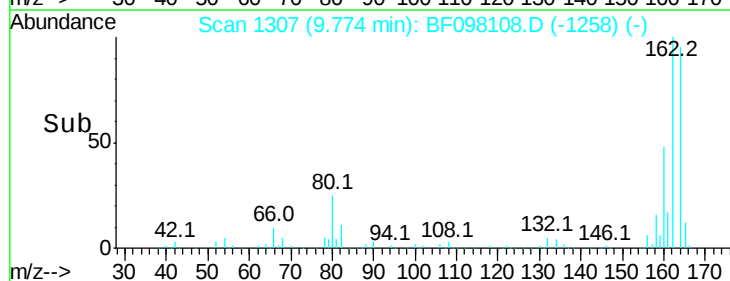
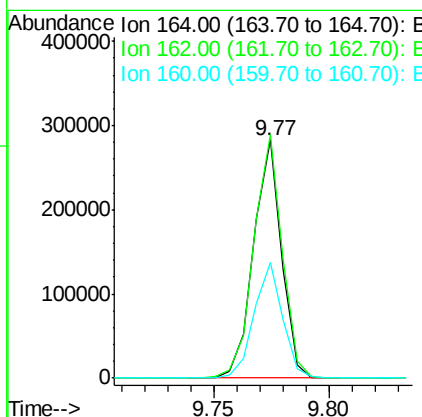
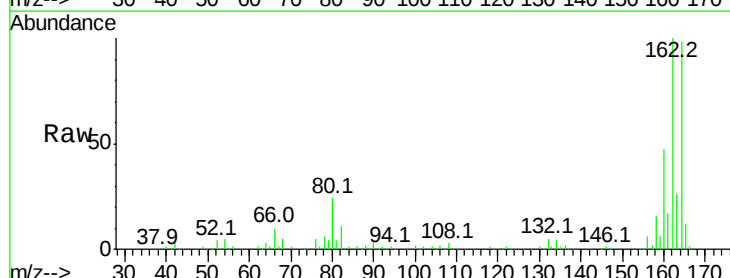
Instrument :
 BNA_F
 ClientSampleId :

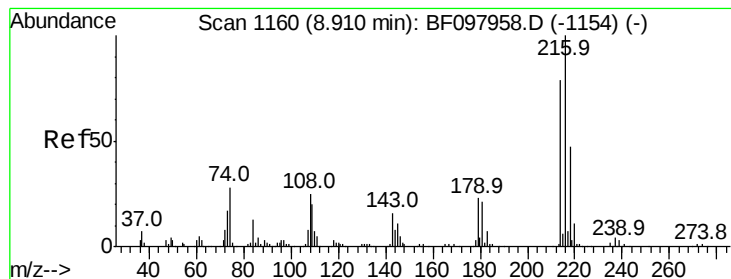
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	37.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	48.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.499 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 297086

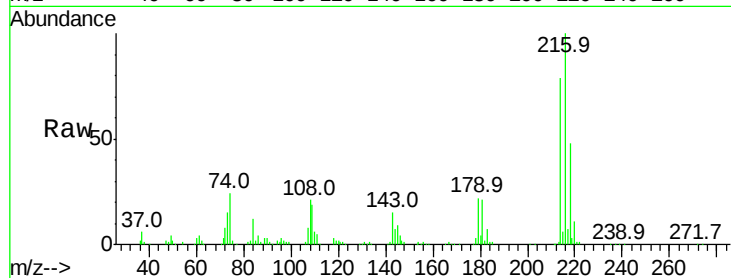
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.5 17.9 26.9

108 23.1 16.5 24.7

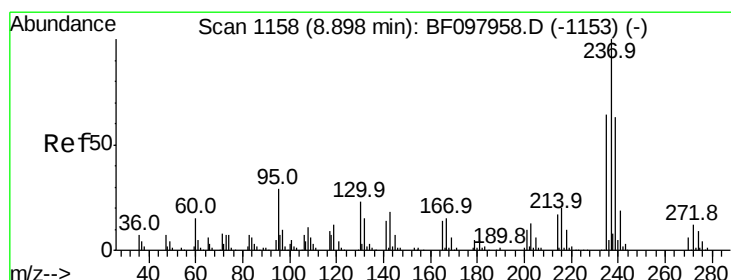
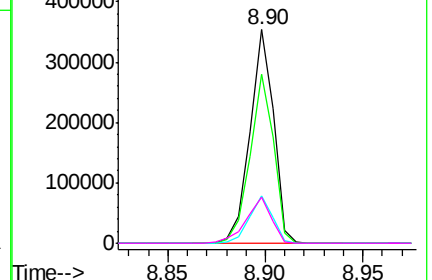
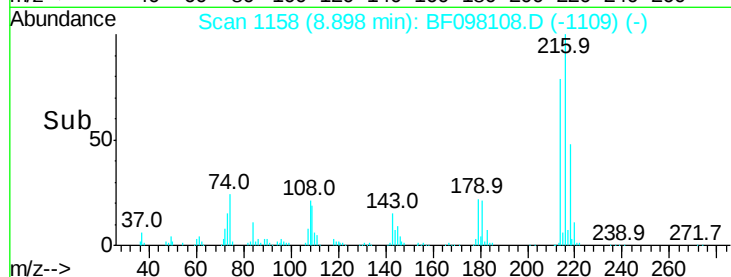


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.521 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

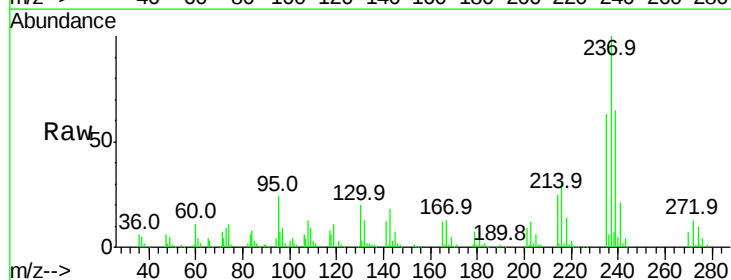
Tgt Ion:237 Resp: 132231

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

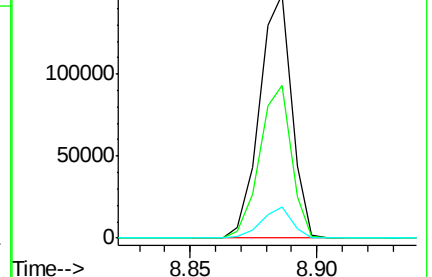
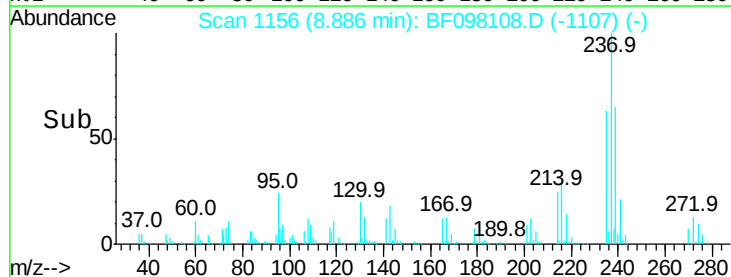
272 12.6 0.0 31.9

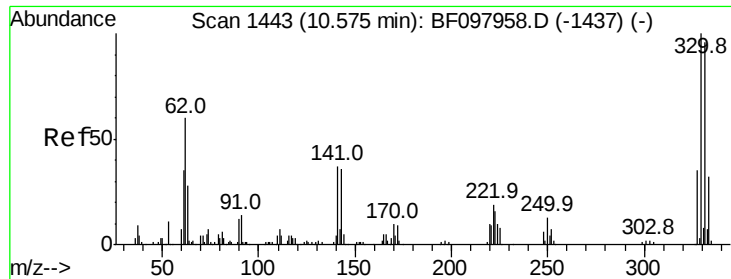


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

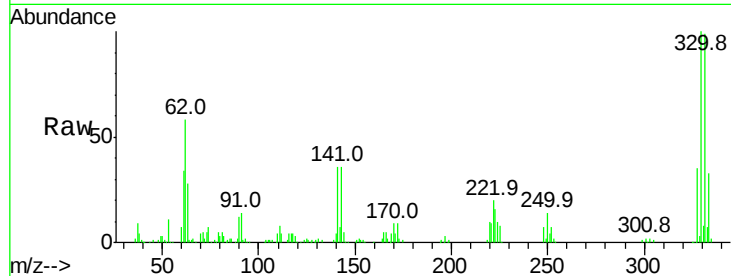




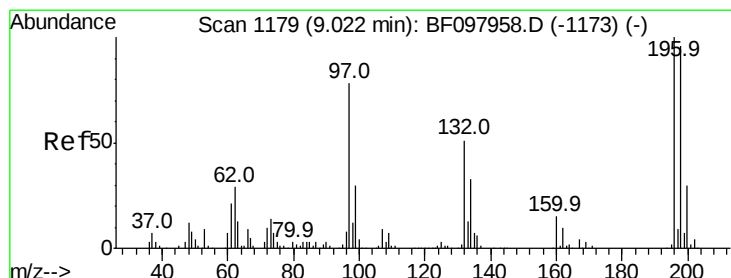
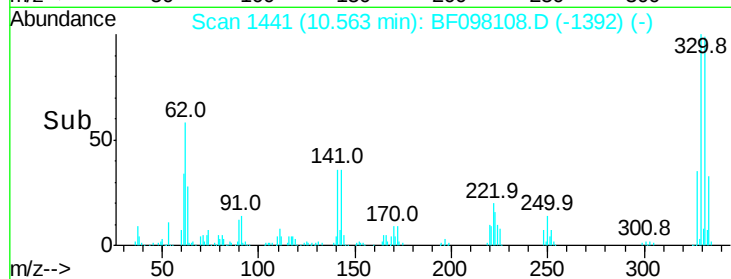
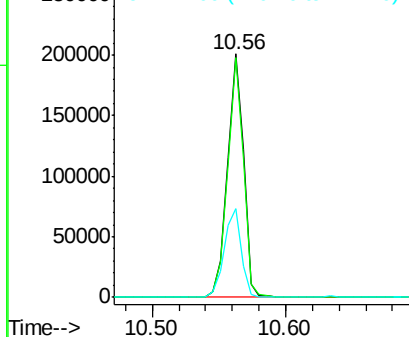
#41
 2,4,6-Tribromophenol
 Concen: 83.406 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.3	31.4	47.2

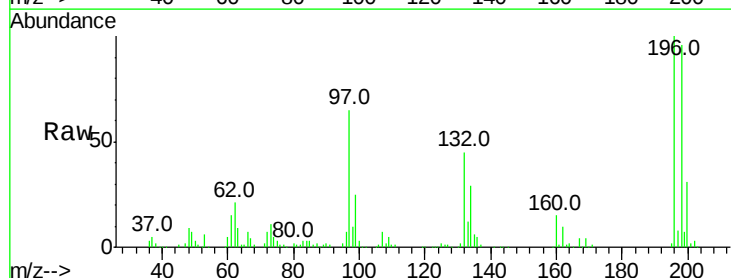


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

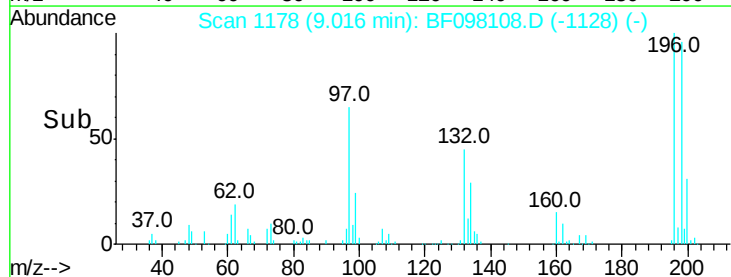
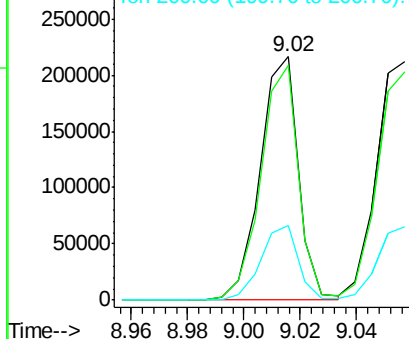


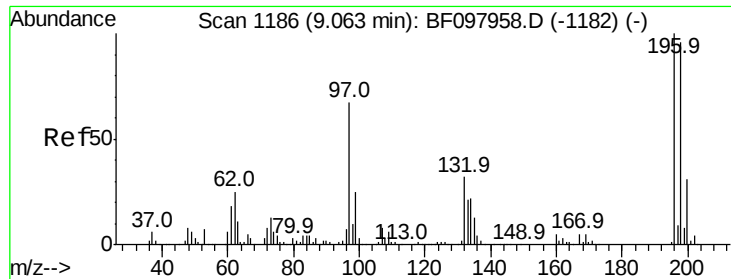
#42
 2,4,6-Trichlorophenol
 Concen: 41.413 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.2	111.4
200	30.9	24.0	36.0



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

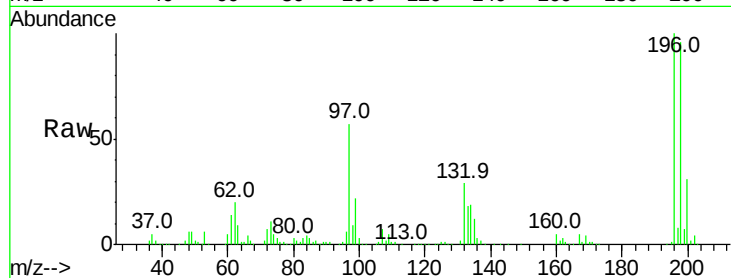




#43
 2,4,5-Trichlorophenol
 Concen: 42.101 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205705		
198	95.6		75.7	113.5
97	56.7		47.7	71.5
132	28.7		28.0	42.0



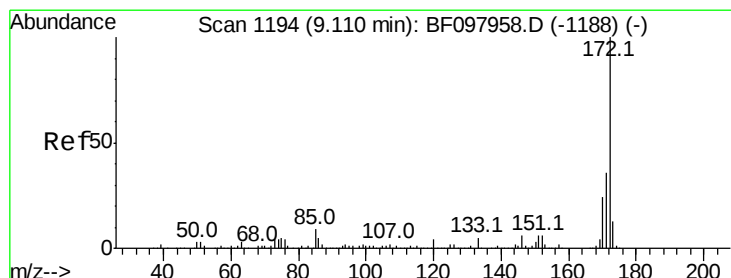
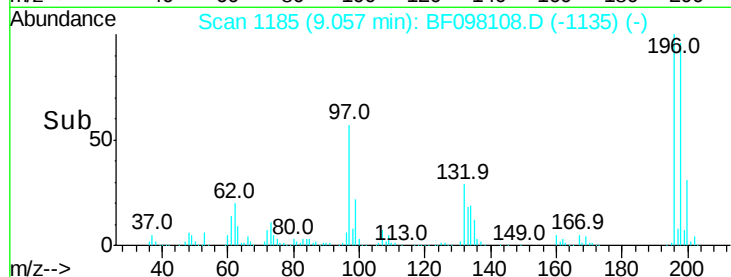
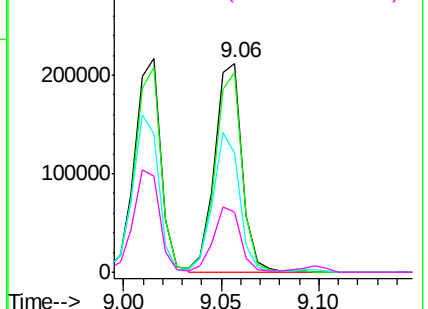
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

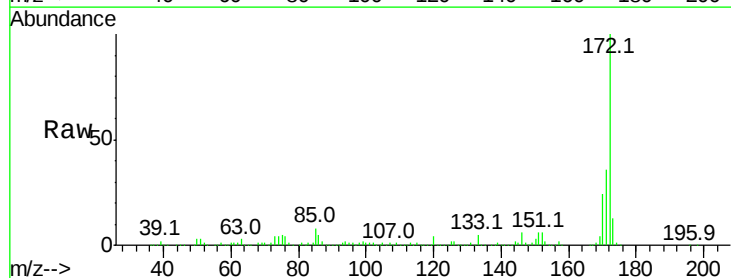
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.853 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1234078		
171	36.0		29.6	44.4
170	24.2		19.8	29.8

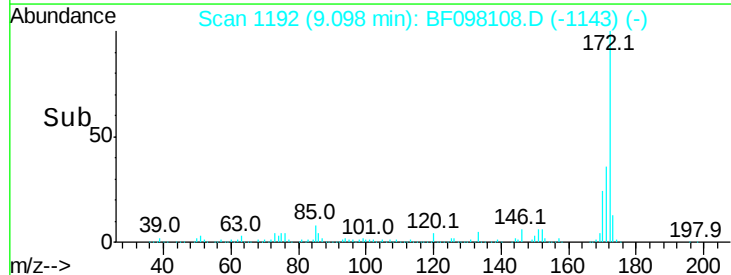
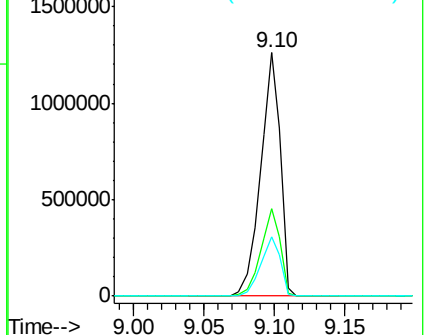


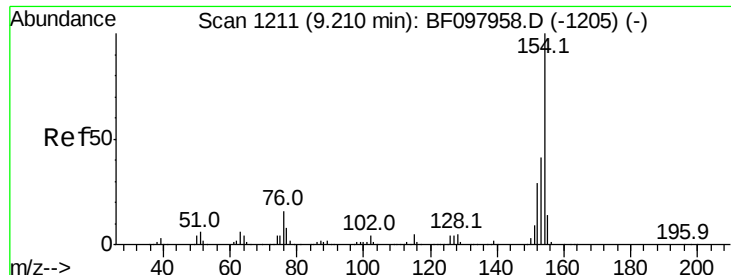
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

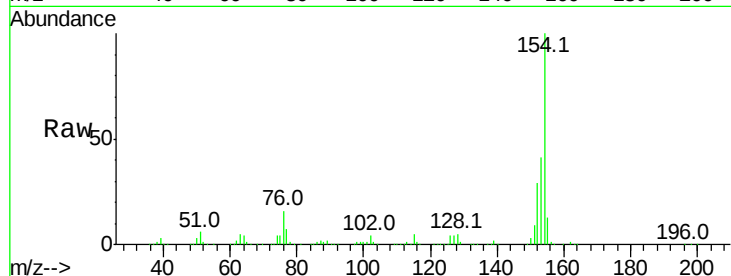




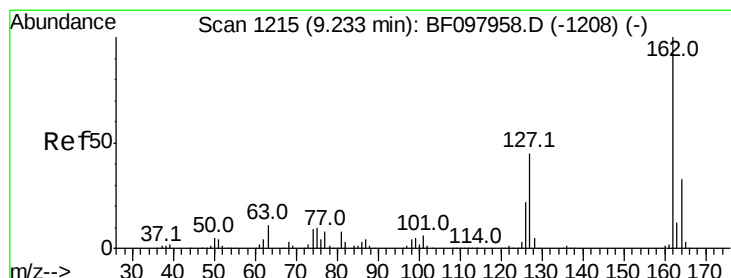
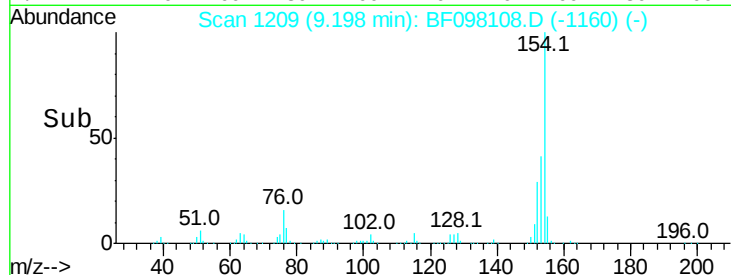
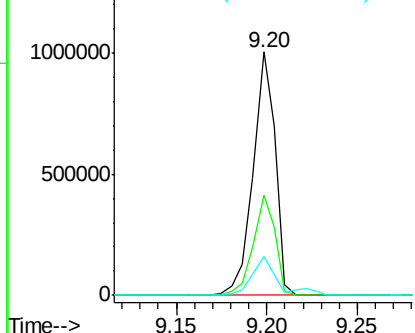
#45
 1,1'-Biphenyl
 Concen: 39.009 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 850283
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 16.1 0.0 29.9

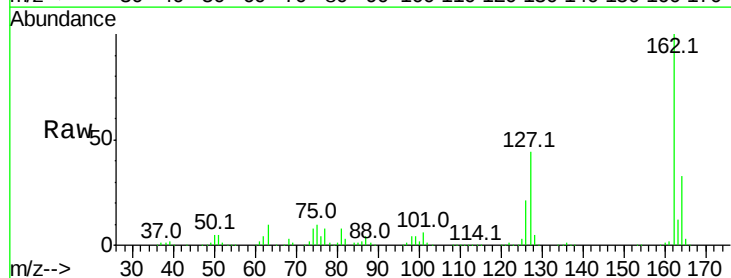


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

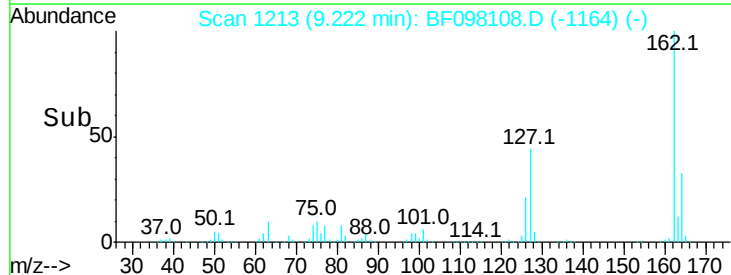
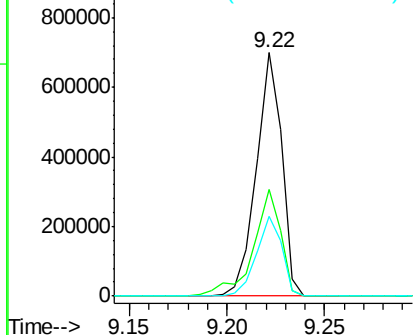


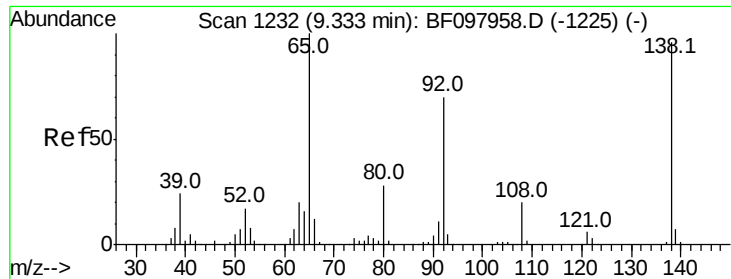
#46
 2-Chloronaphthalene
 Concen: 39.168 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion:162 Resp: 630814
 Ion Ratio Lower Upper
 162 100
 127 43.9 28.3 42.5#
 164 32.6 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

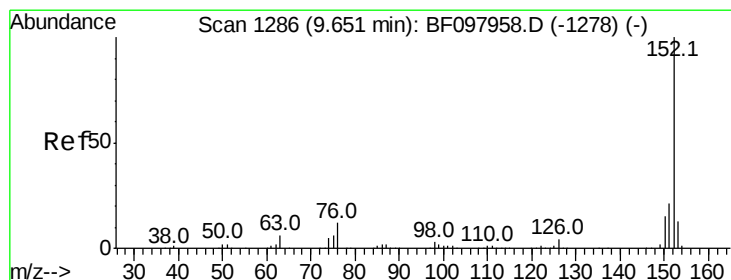
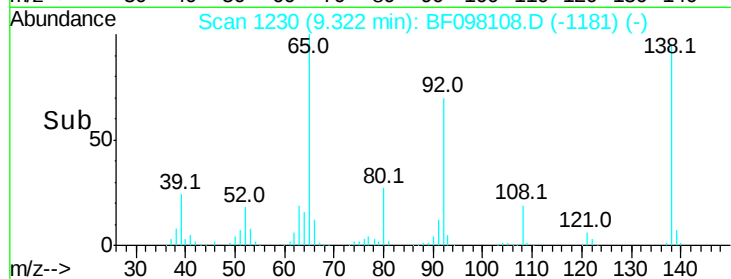
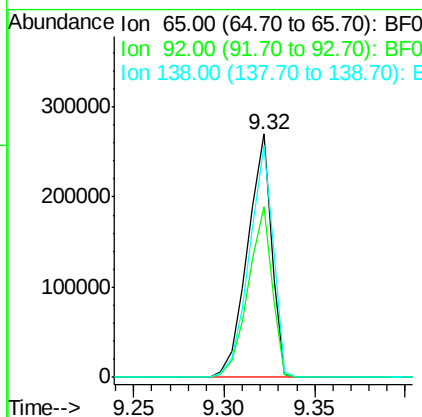
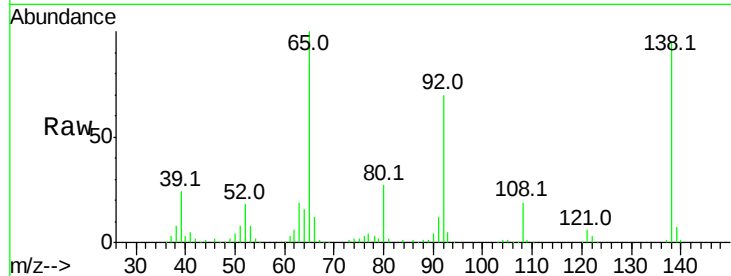




#47
2-Nitroaniline
Concen: 46.318 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

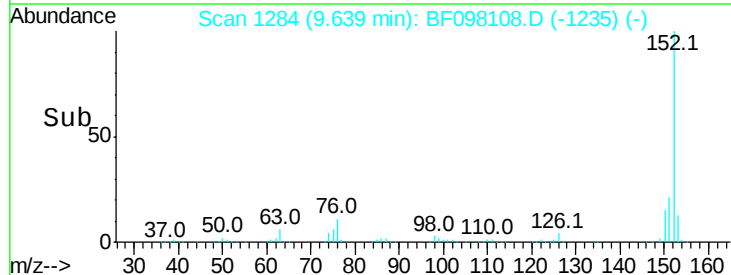
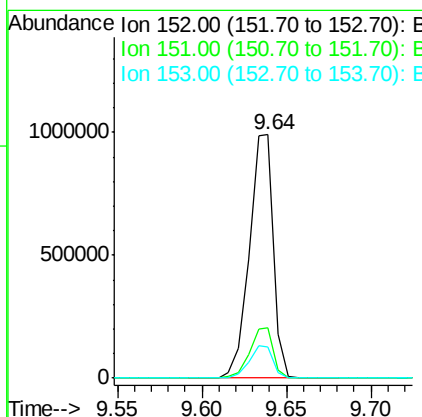
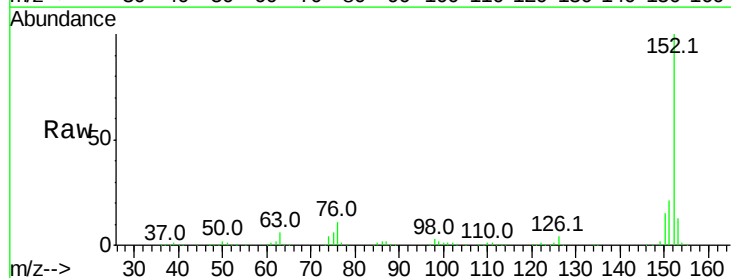
Instrument :
BNA_F
ClientSampleId :

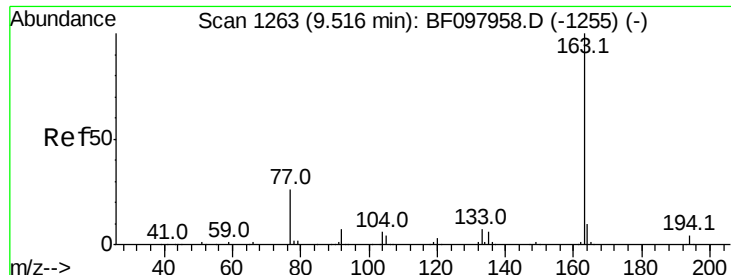
Tot Ion: 65 Resp: 250083
Ion Ratio Lower Upper
65 100
92 69.9 53.9 80.9
138 95.3 78.8 118.2



#48
Acenaphthylene
Concen: 38.954 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion: 152 Resp: 985206
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 12.8 10.8 16.2

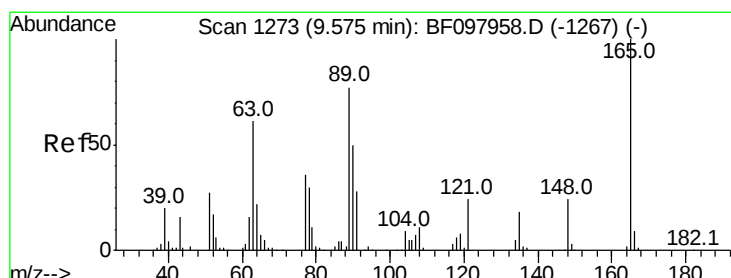
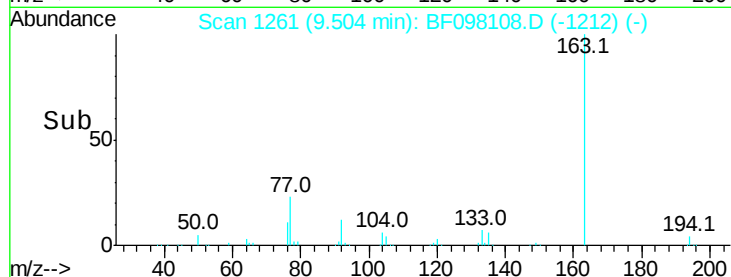
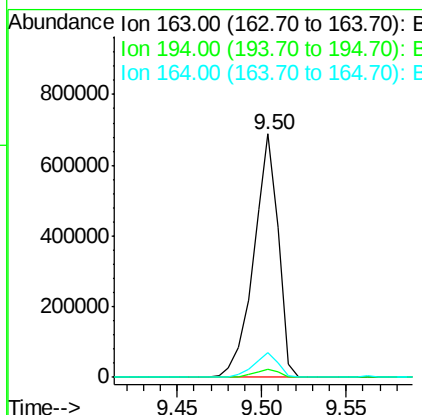
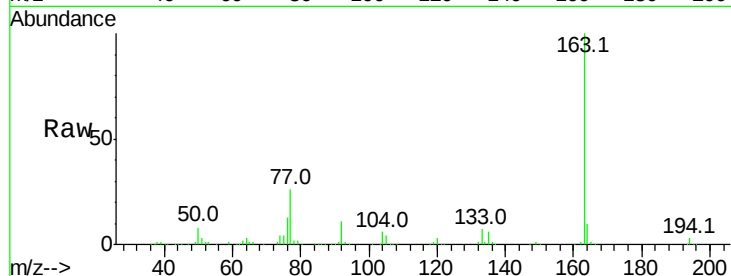




#49
Dimethylphthalate
Concen: 39.718 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

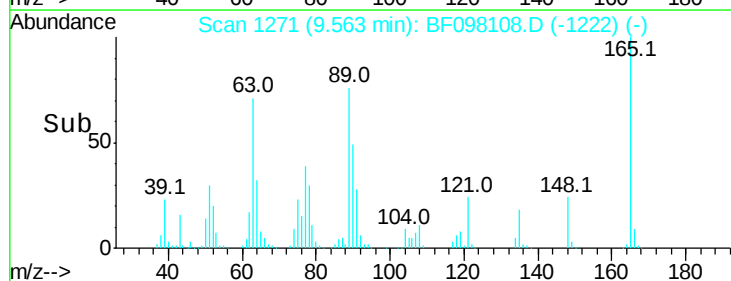
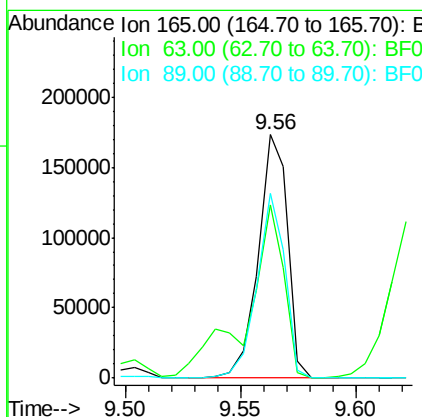
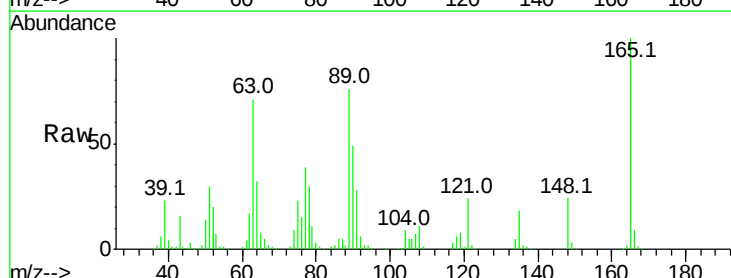
Instrument :
BNA_F
ClientSampleId :

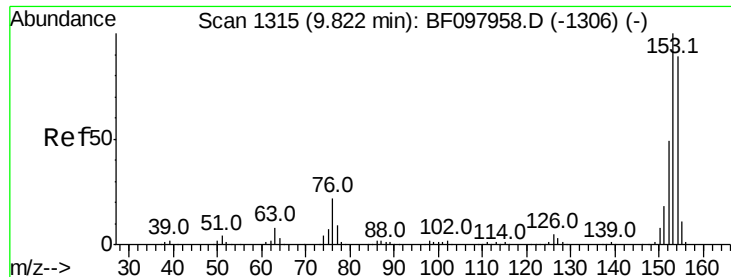
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 43.696 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.9	34.3	51.5#
89	75.7	37.1	55.7#





#51

Acenaphthene

Concen: 36.803 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

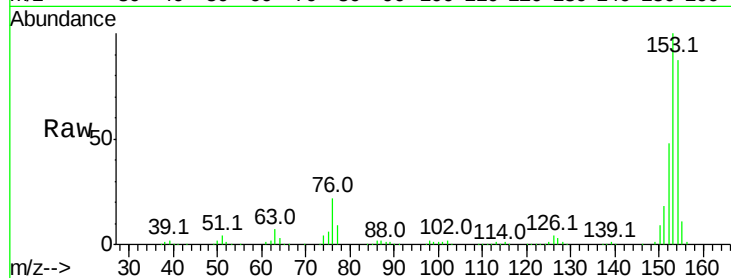
Tot Ion:154 Resp: 587032

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

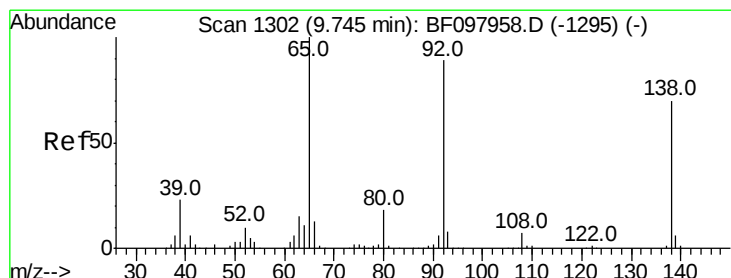
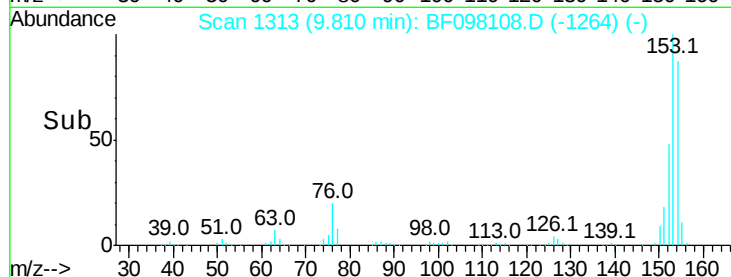
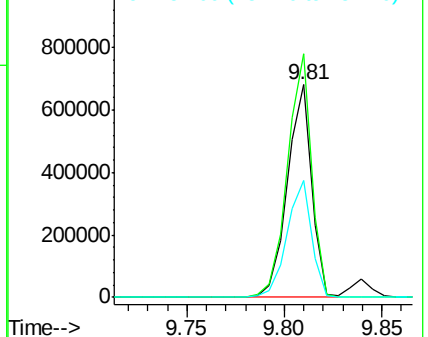
152 55.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.378 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

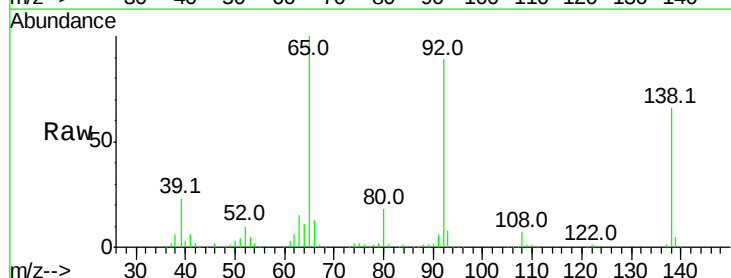
Tgt Ion:138 Resp: 199687

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

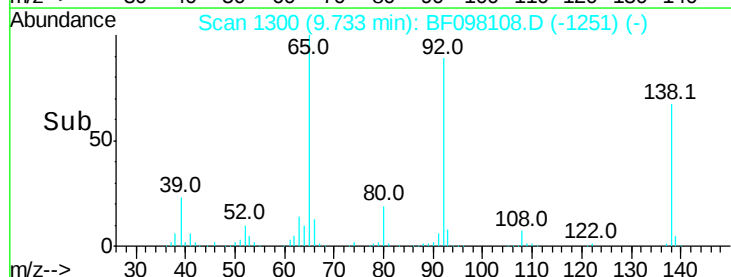
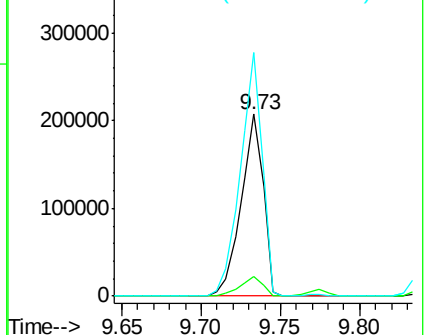
92 133.7 93.8 140.6



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

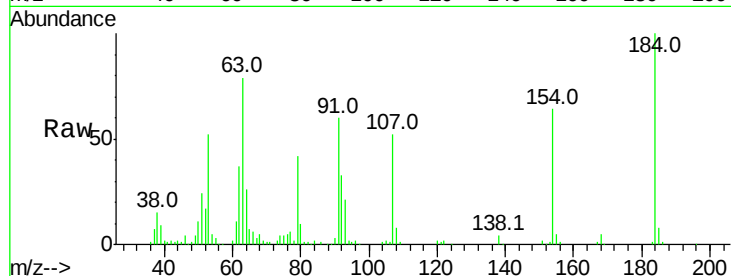




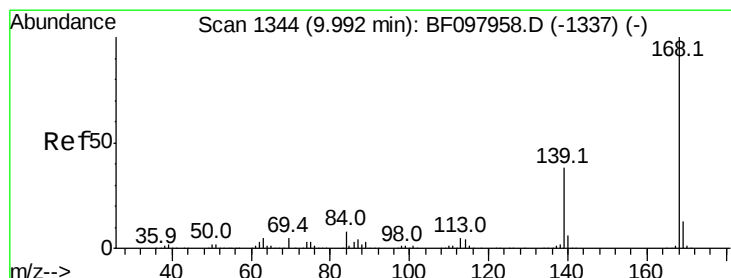
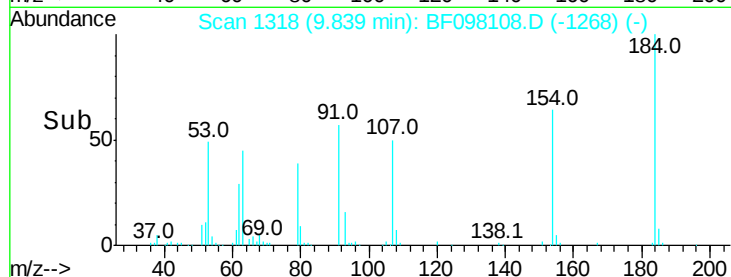
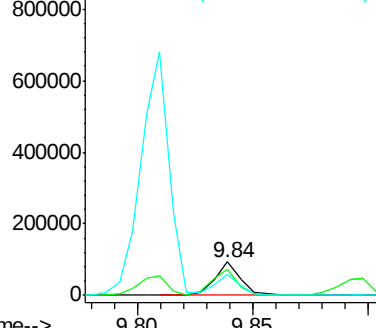
#53
2,4-Dinitrophenol
Concen: 48.163 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 72236
Ion Ratio Lower Upper
184 100
63 79.4 62.7 94.1
154 64.0 81.1 121.7#

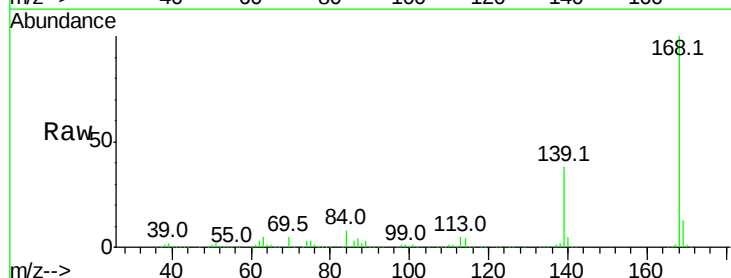


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

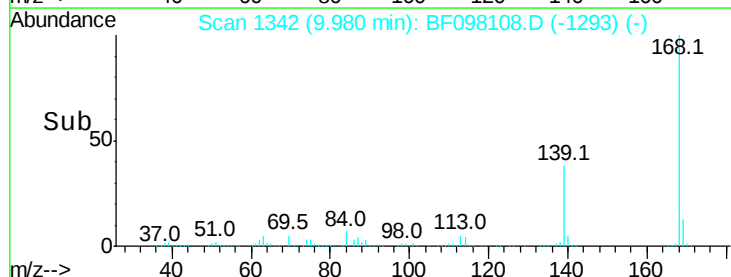
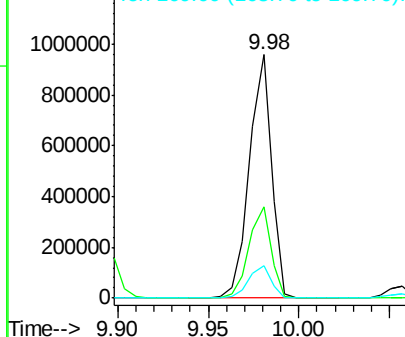


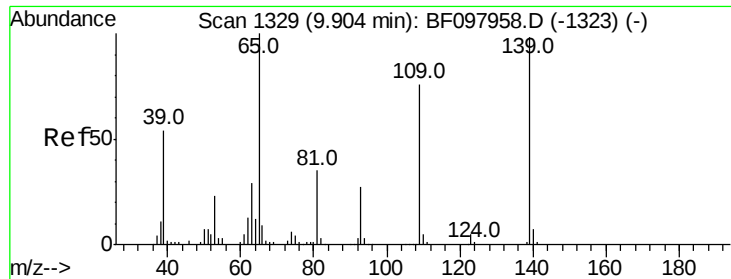
#54
Dibenzofuran
Concen: 38.128 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:168 Resp: 815099
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.4 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: 39.440 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampled :

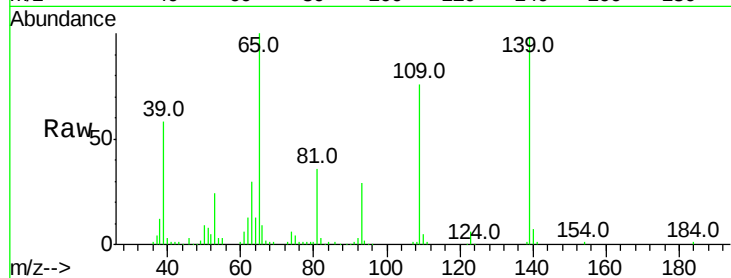
Tot Ion:139 Resp: 141571

Ion Ratio Lower Upper

139 100

109 77.3 34.1 74.1#

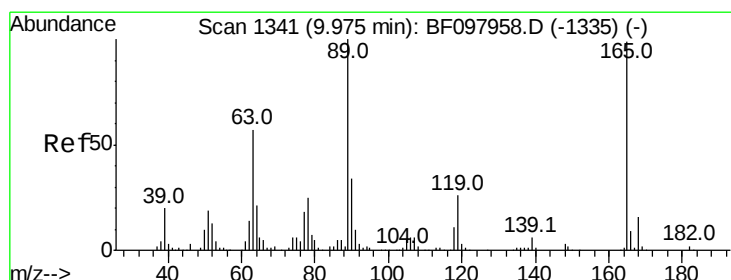
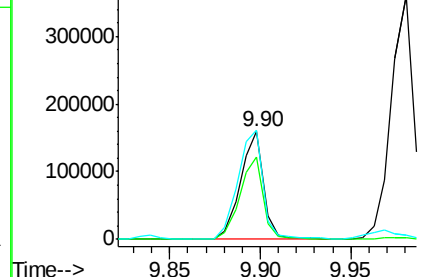
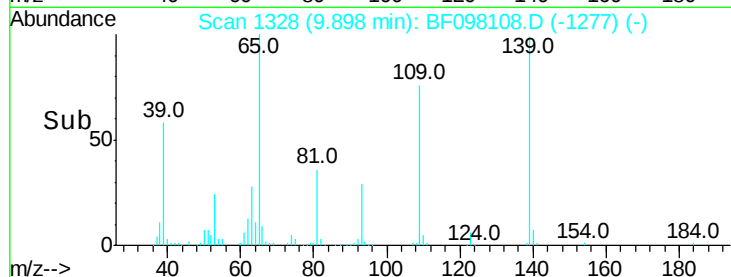
65 101.7 31.4 71.4#



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: 44.141 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Tgt Ion:165 Resp: 193197

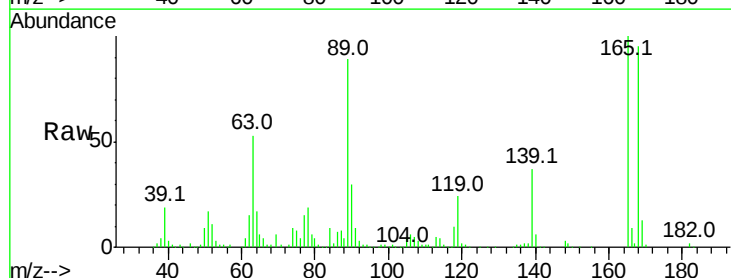
Ion Ratio Lower Upper

165 100

63 52.9 25.4 38.0#

89 89.2 46.4 69.6#

182 2.4 1.8 2.6

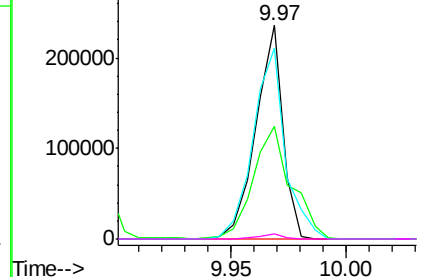
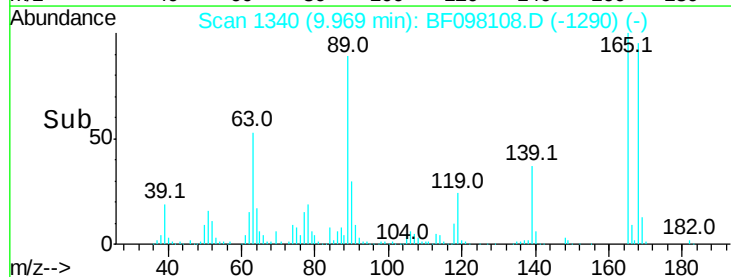


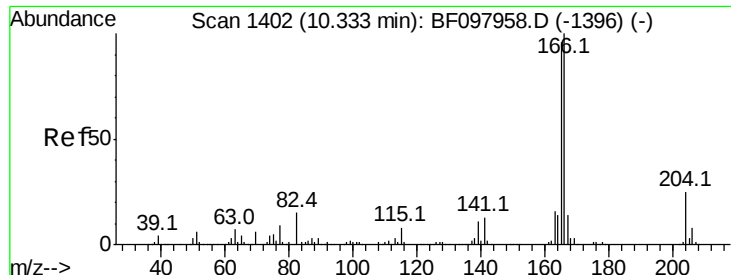
Abundance Ion 165.00 (164.70 to 165.70): E

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

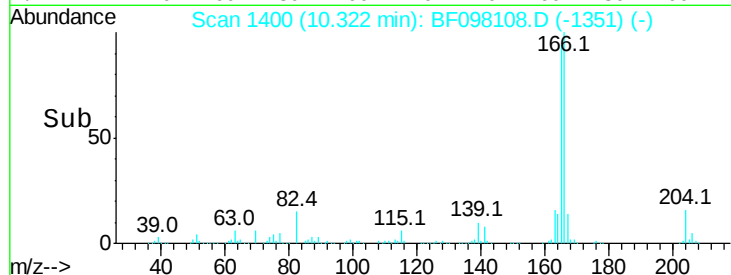
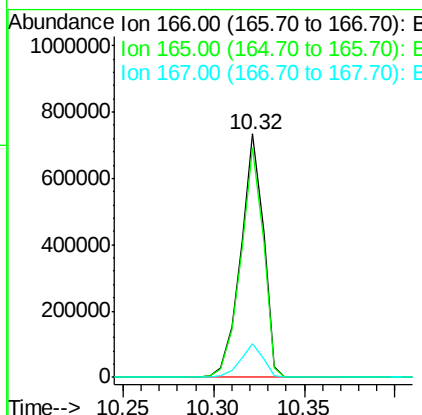
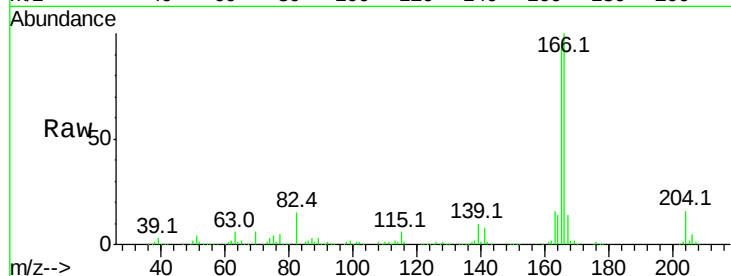




#57
 Fluorene
 Concen: 38.496 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

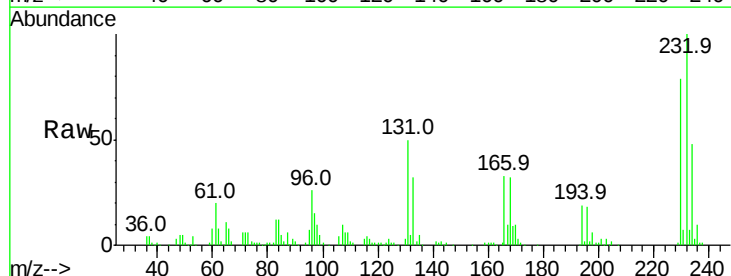
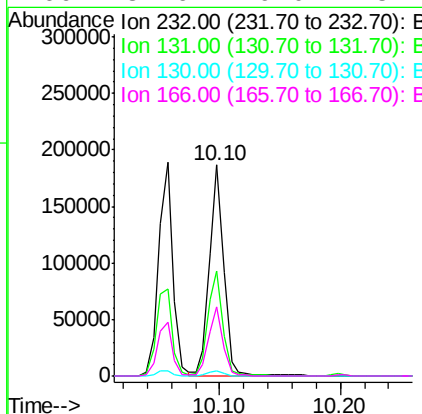
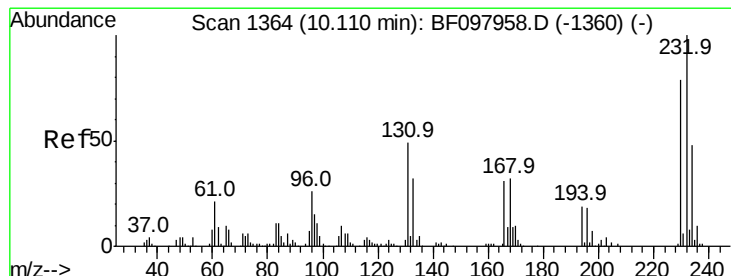
Instrument :
 BNA_F
 ClientSampleId :

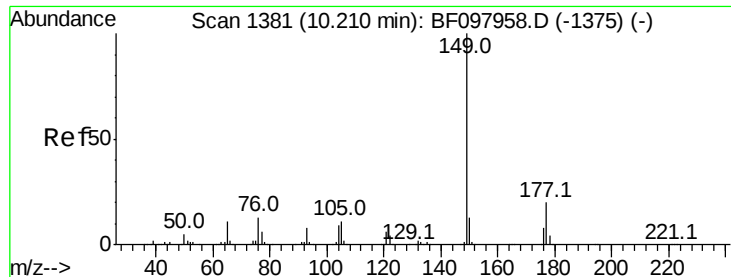
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.4	78.8	118.2
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.603 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.1	44.8	67.2
130	2.6	2.3	3.5
166	32.6	29.0	43.4

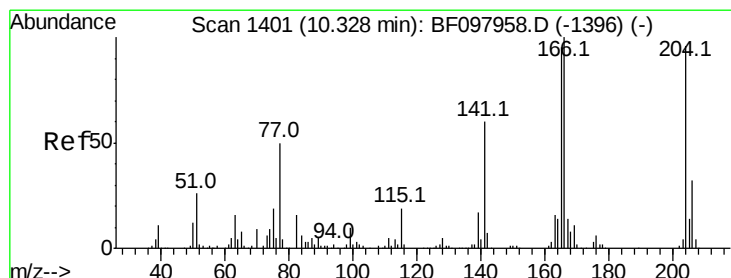
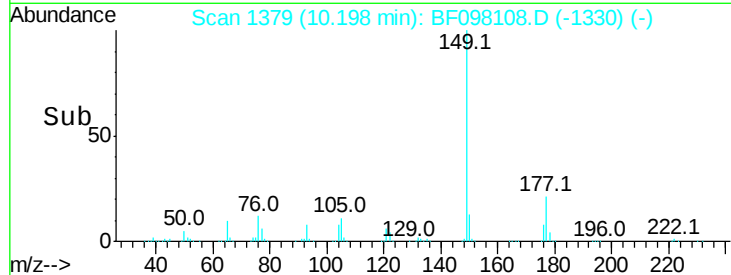
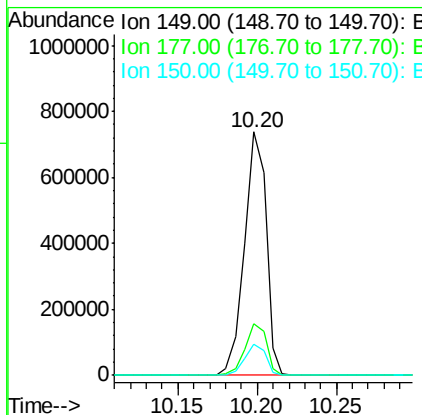
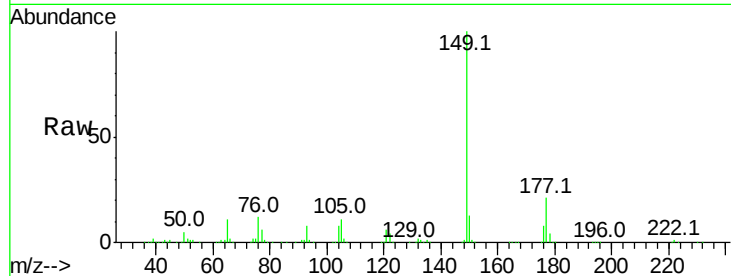




#59
Diethylphthalate
Concen: 38.264 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

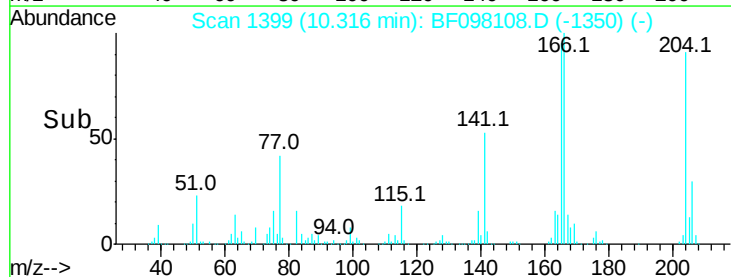
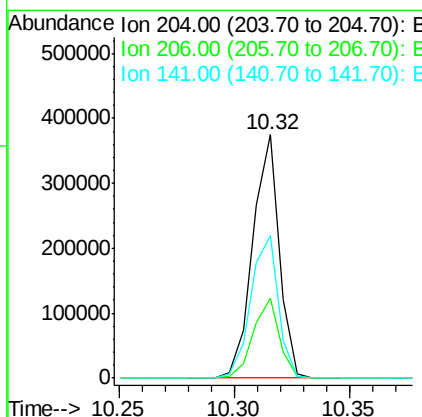
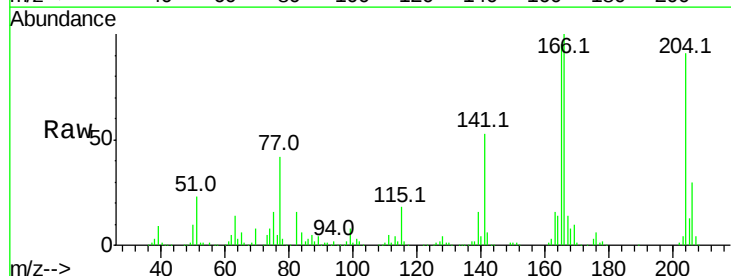
Instrument :
BNA_F
ClientSampled :

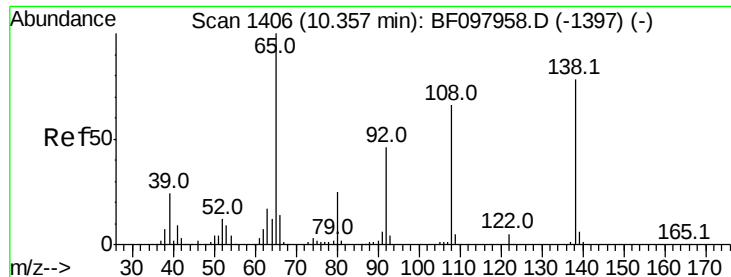
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.009 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	58.3	60.8	91.2#

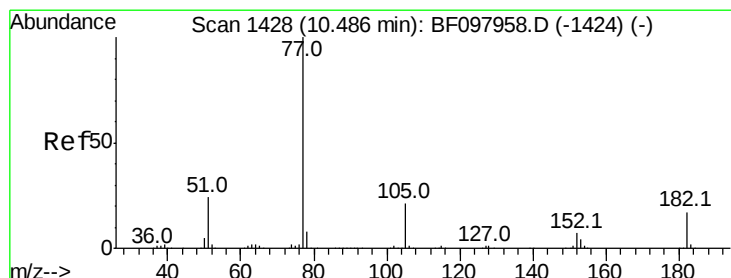
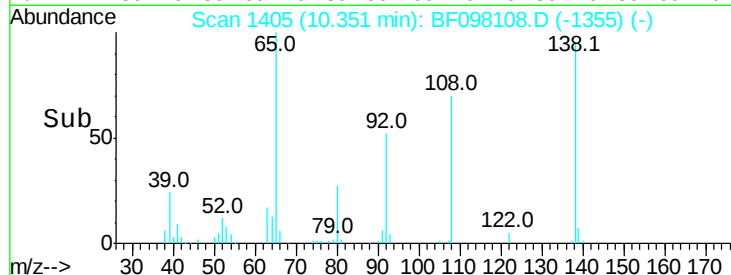
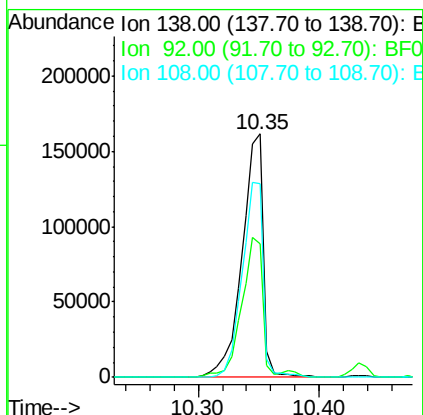
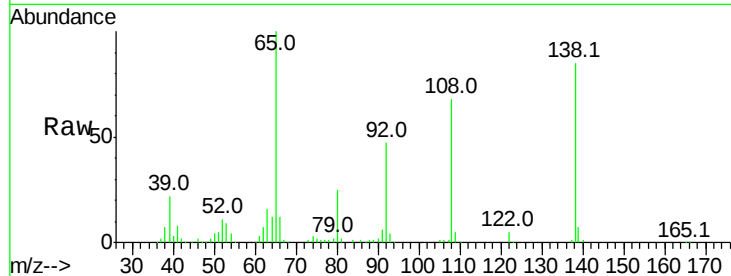




#61
4-Nitroaniline
Concen: 46.161 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

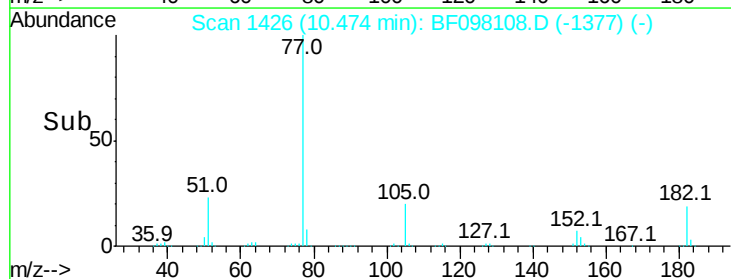
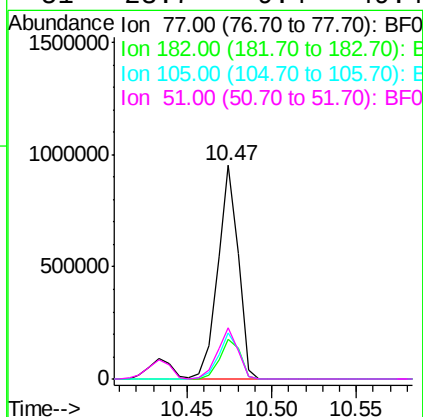
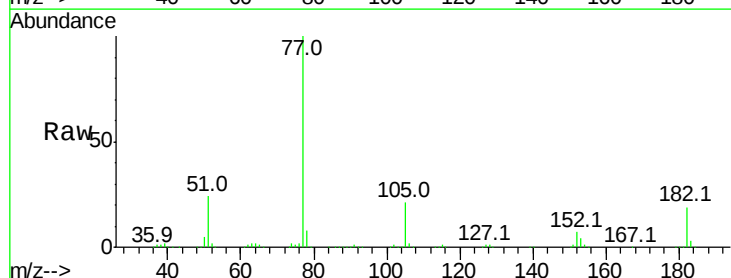
Instrument :
BNA_F
ClientSampled :

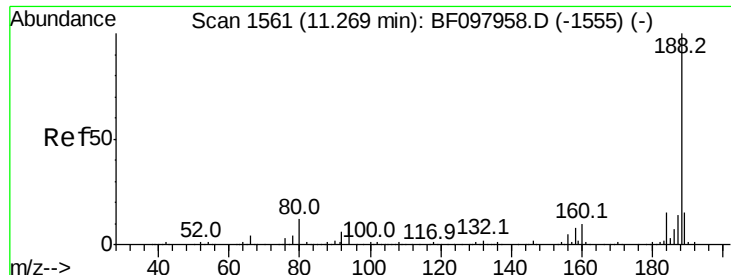
Tot Ion:138 Resp: 197416
Ion Ratio Lower Upper
138 100
92 55.0 21.8 61.8
108 79.7 42.3 82.3



#62
Azobenzene
Concen: 37.086 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion: 77 Resp: 804914
Ion Ratio Lower Upper
77 100
182 18.5 0.1 40.1
105 21.4 3.6 43.6
51 23.7 9.4 49.4

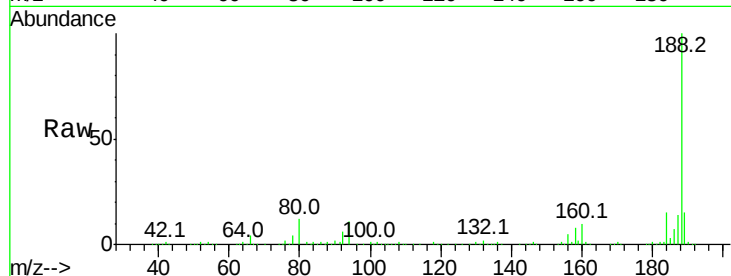




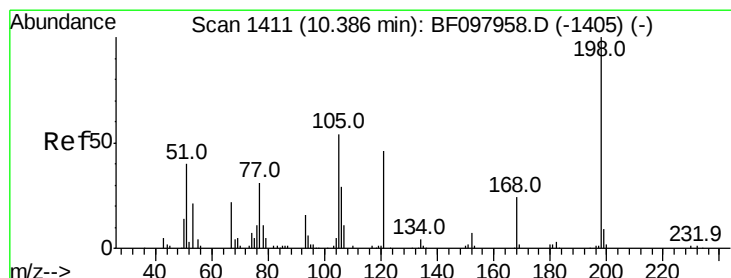
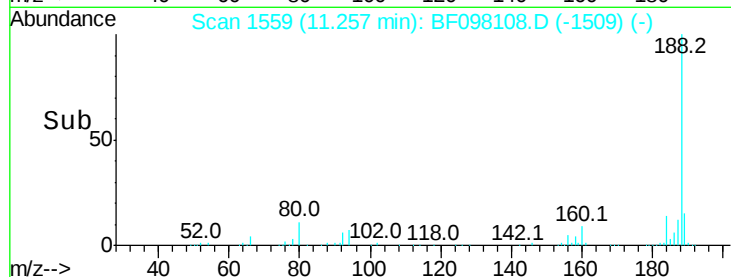
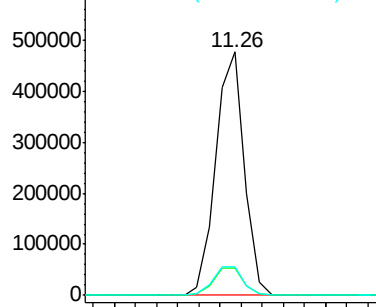
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 447163
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.6 10.2 15.2

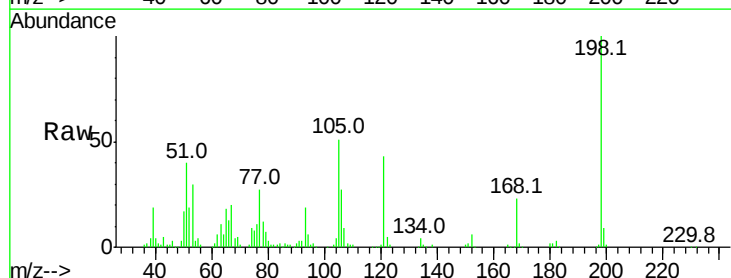


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

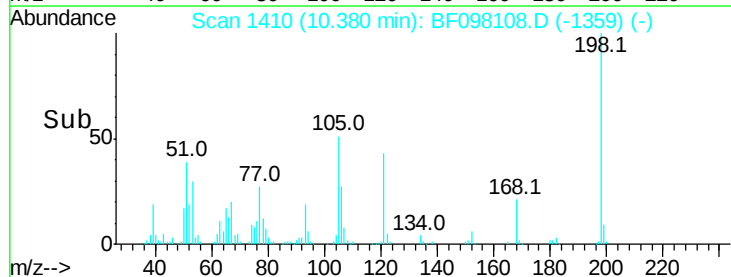
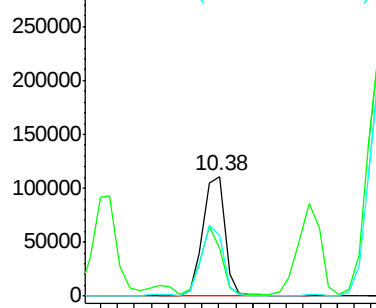


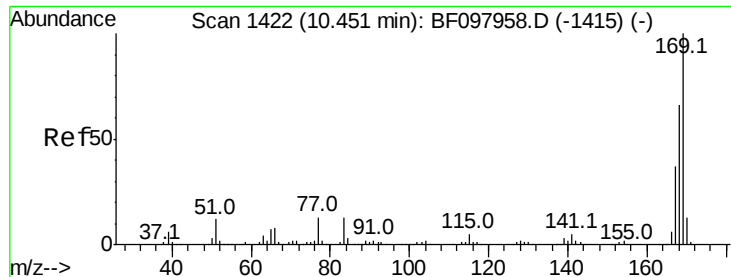
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.398 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion:198 Resp: 102158
 Ion Ratio Lower Upper
 198 100
 51 40.1 53.2 93.2#
 105 51.0 45.8 85.8



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

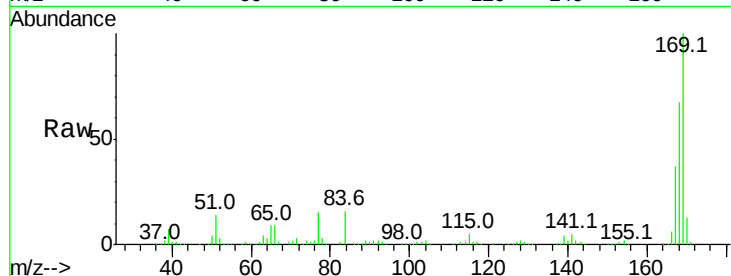




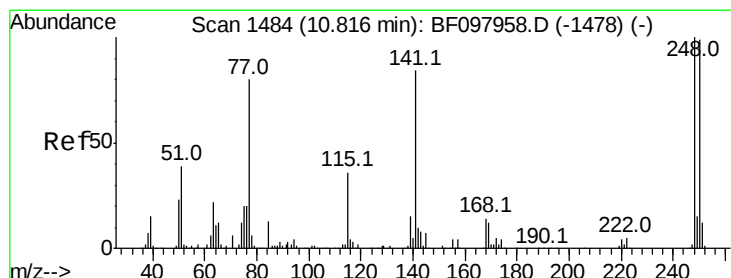
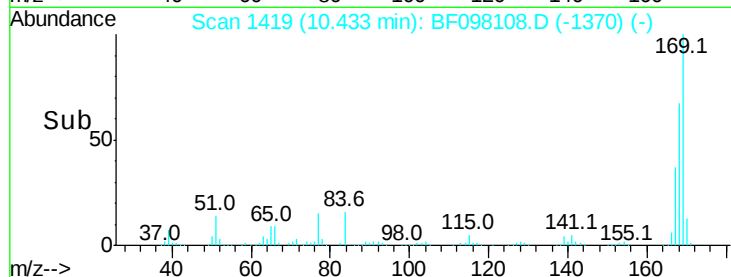
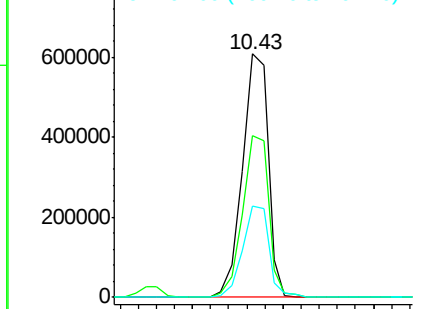
#65
 n-Nitrosodiphenylamine
 Concen: 39.410 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 600106
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 37.3 29.5 44.3

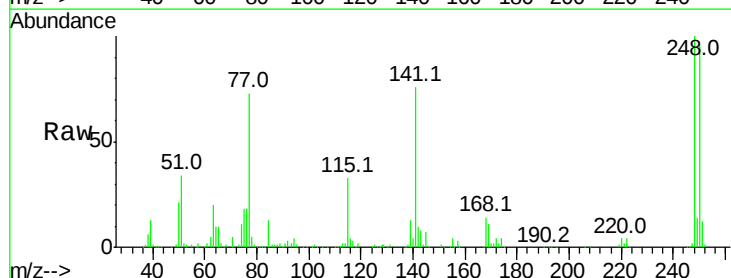


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

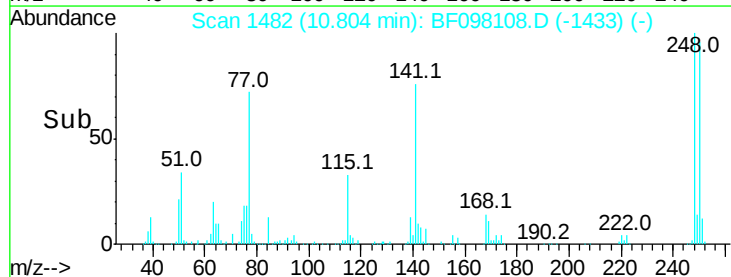
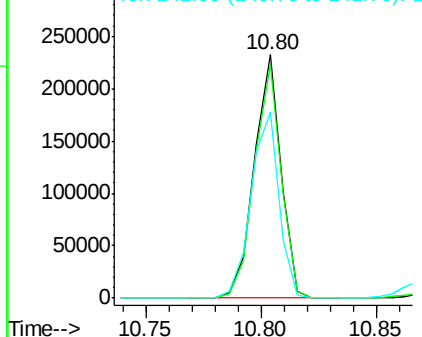


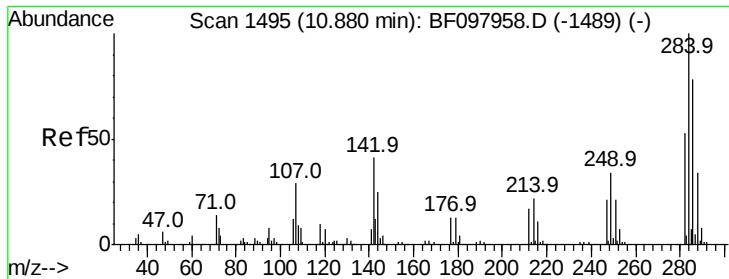
#66
 4-Bromophenyl-phenylether
 Concen: 40.545 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion:248 Resp: 188269
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 76.5 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

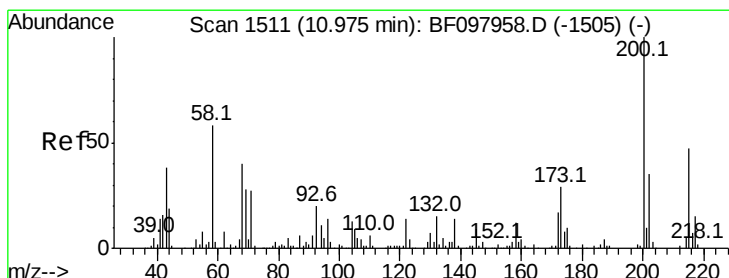
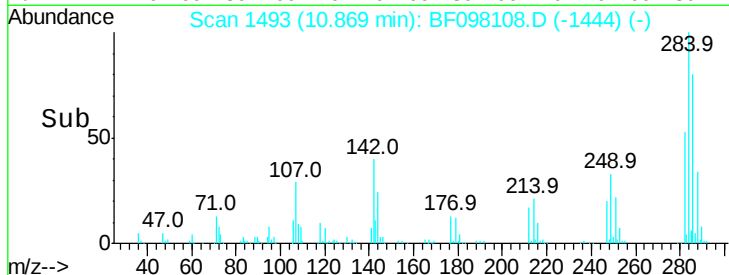
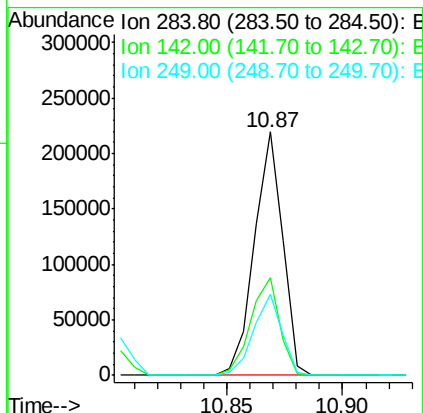
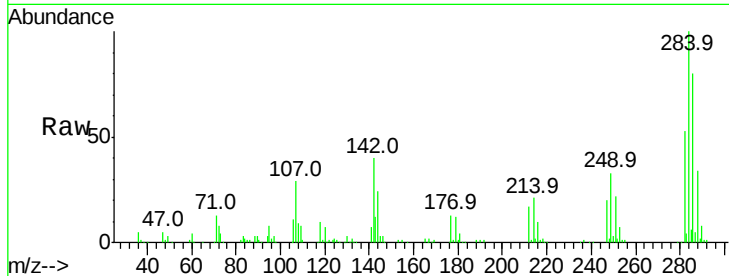




#67
Hexachlorobenzene
Concen: 39.784 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

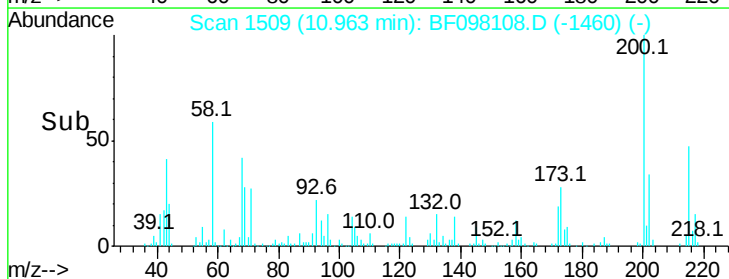
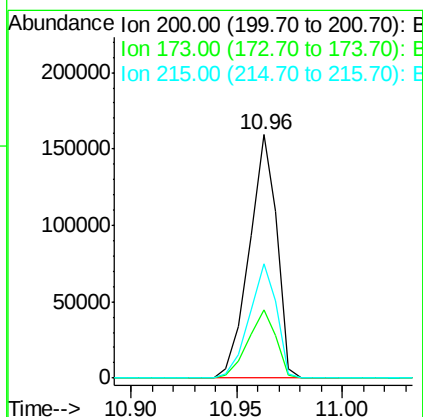
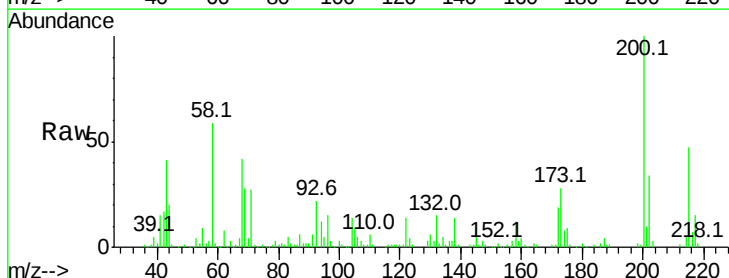
Instrument :
BNA_F
ClientSampled :

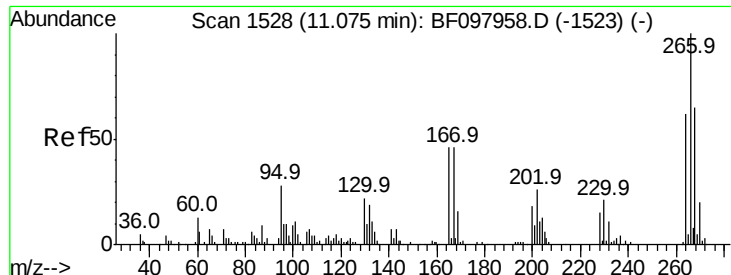
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.8	34.2#
249	33.1	24.0	36.0



#68
Atrazine
Concen: 35.817 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.3	46.3
215	47.1	27.2	67.2

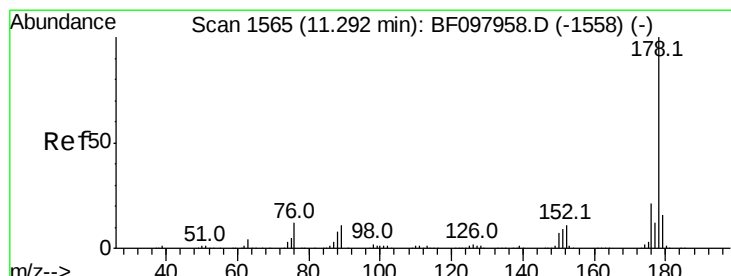
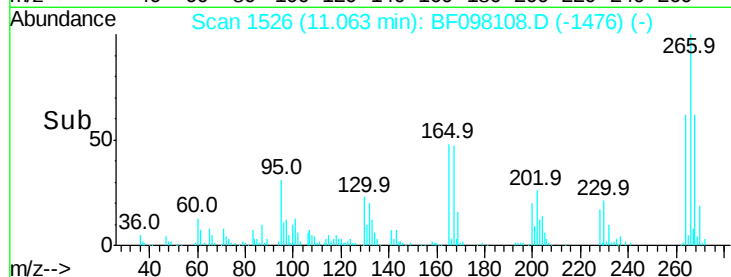
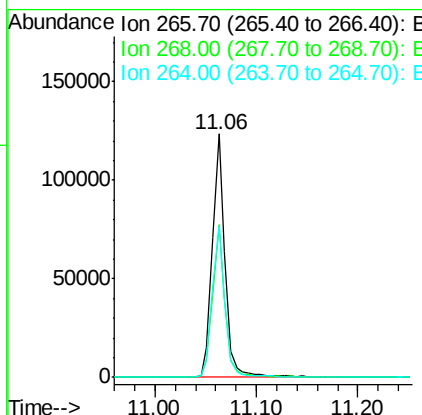
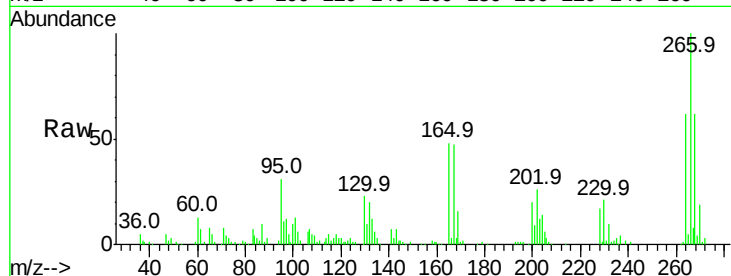




#69
 Pentachlorophenol
 Concen: 39.397 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

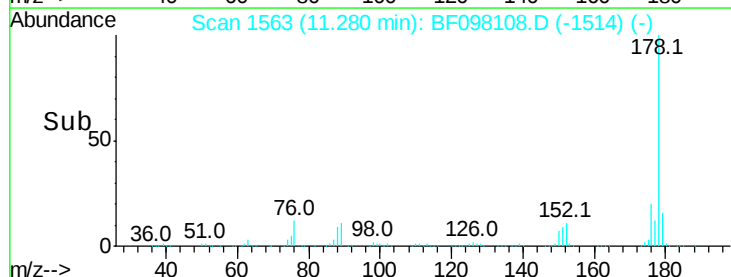
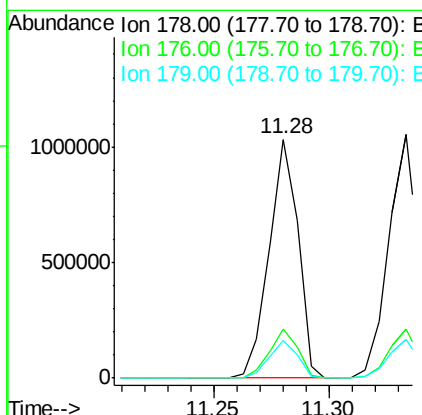
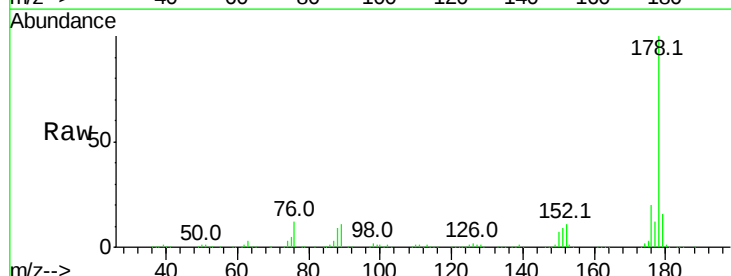
Instrument :
 BNA_F
 ClientSampleId :

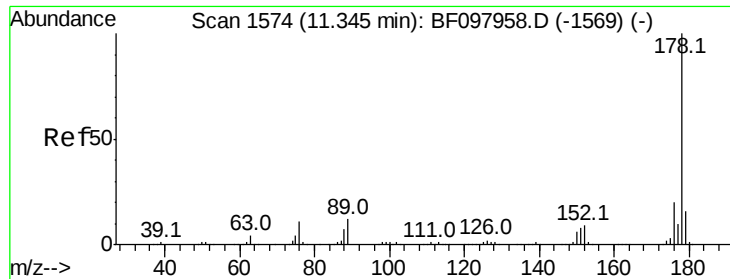
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.2	51.7	77.5



#70
 Phenanthrene
 Concen: 37.776 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.7	12.6	19.0

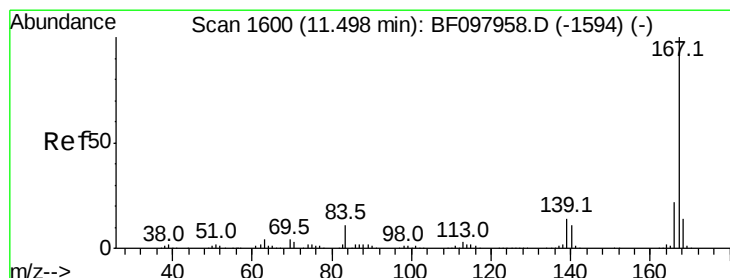
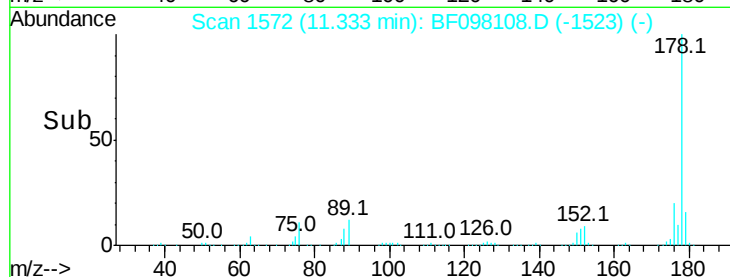
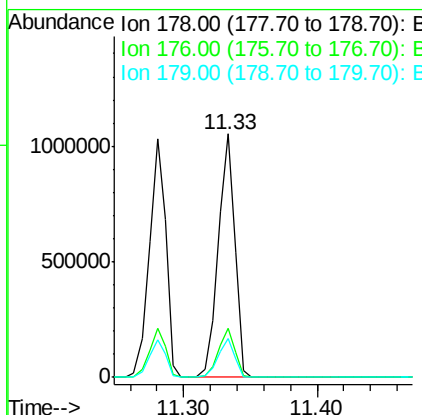
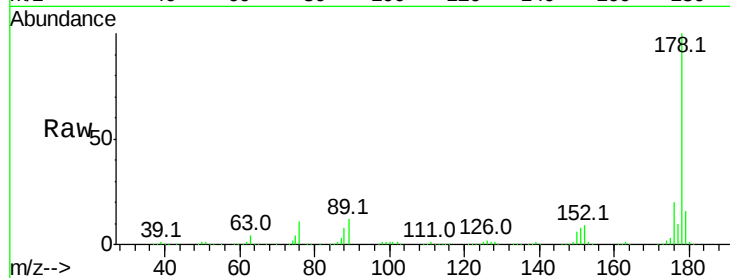




#71
 Anthracene
 Concen: 38.529 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

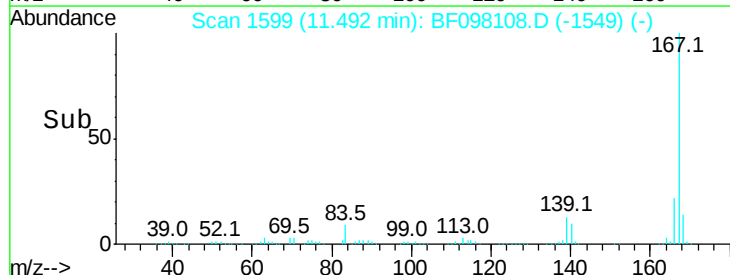
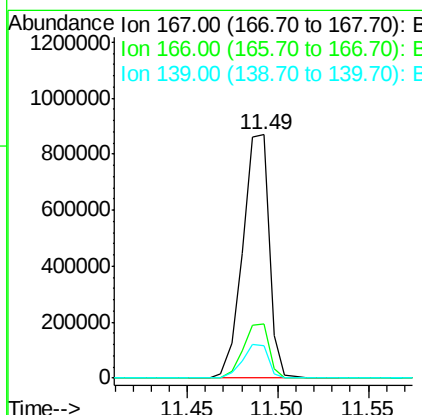
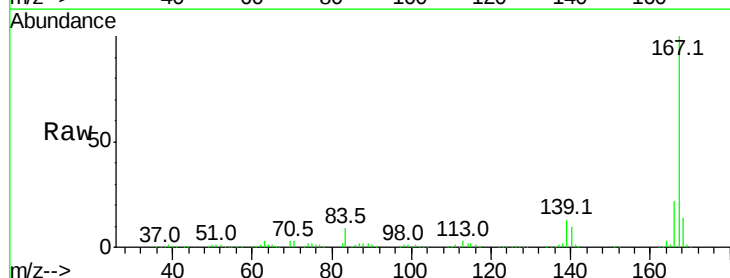
Instrument :
 BNA_F
 ClientSampled :

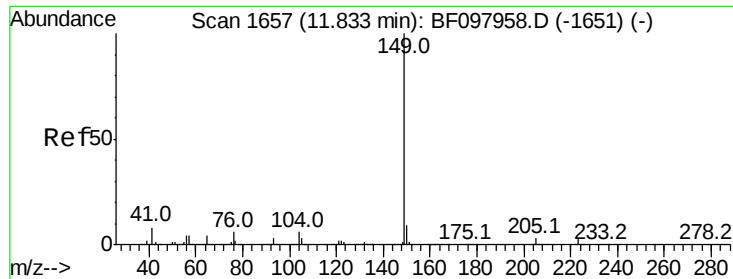
Tot Ion:178 Resp: 931175
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 38.337 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion:167 Resp: 879472
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.118 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

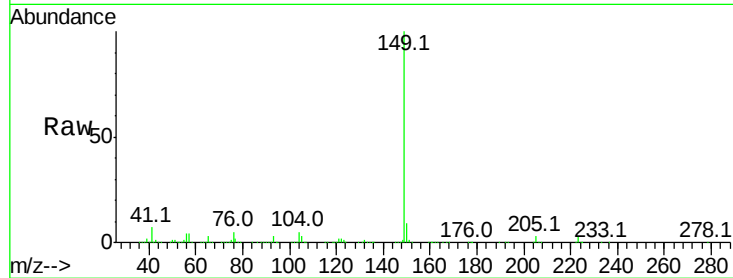
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1060099

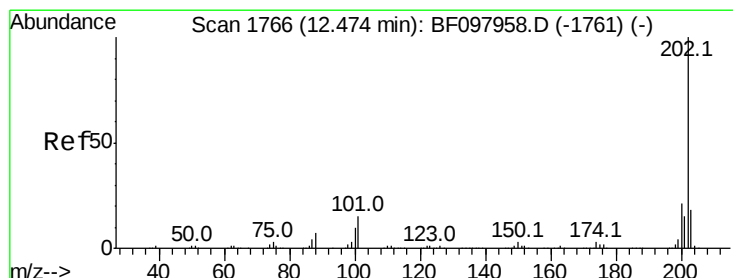
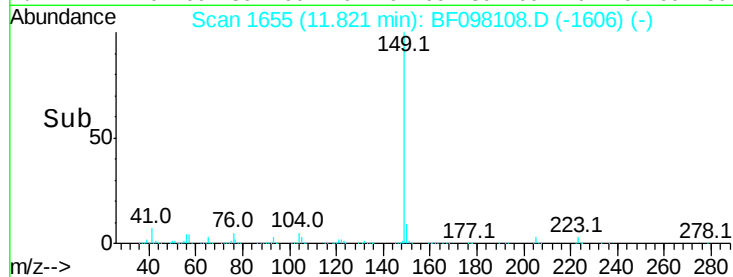
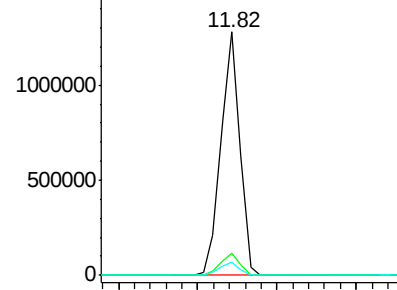
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.3	4.0	6.0



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: 37.349 ng

RT: 12.47 min Scan# 1765

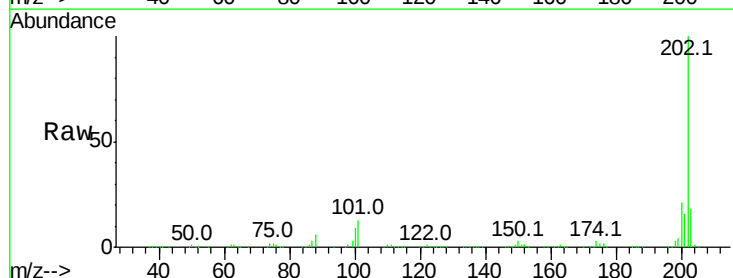
Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Tgt Ion:202 Resp: 928914

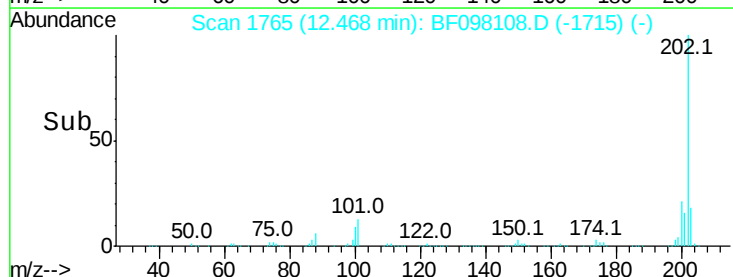
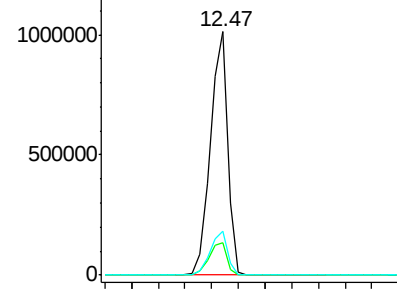
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.1	0.0	38.1

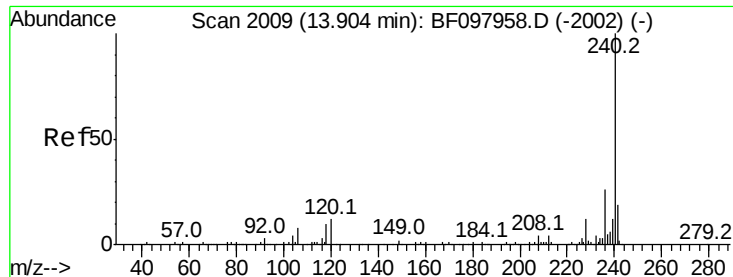


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

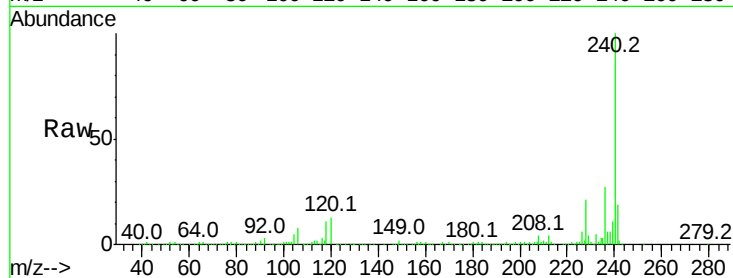
Tot Ion:240 Resp: 296244

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

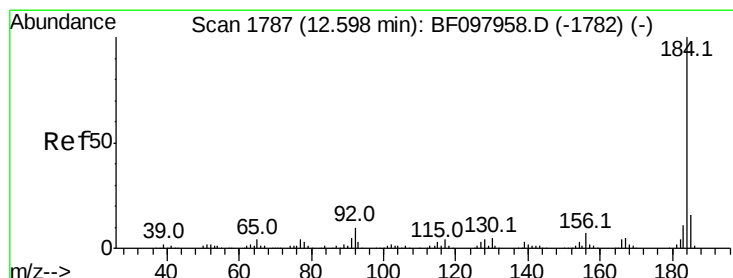
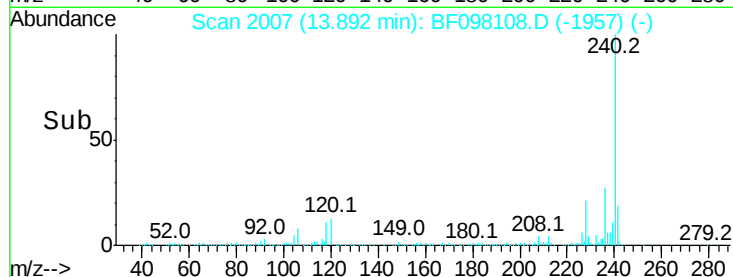
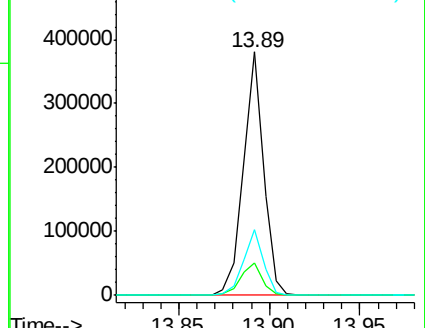
236 26.7 20.5 30.7



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: 35.942 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

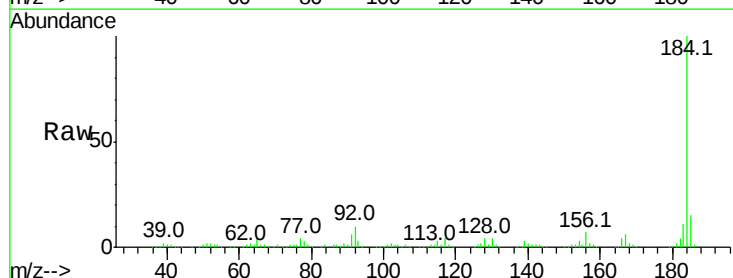
Tgt Ion:184 Resp: 349110

Ion Ratio Lower Upper

184 100

185 15.0 15.5 23.3#

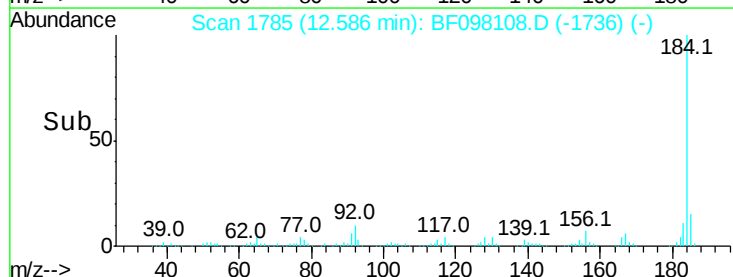
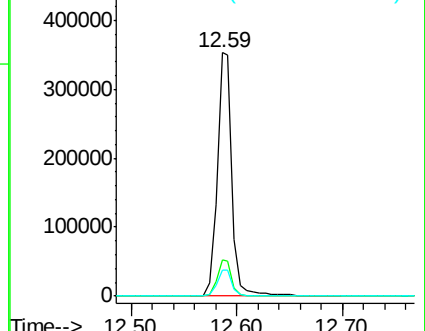
183 10.8 9.8 14.6

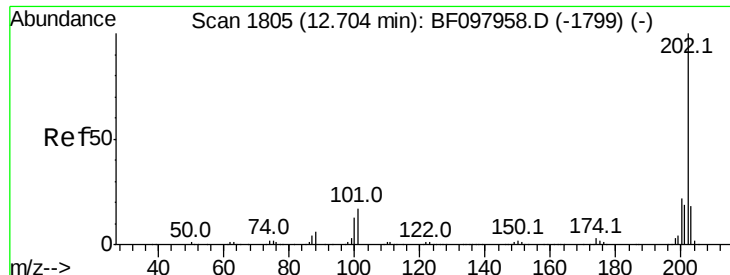


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

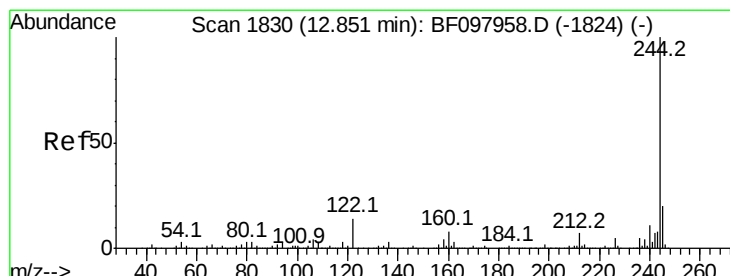
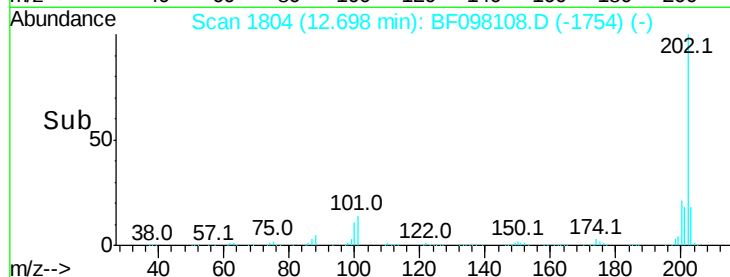
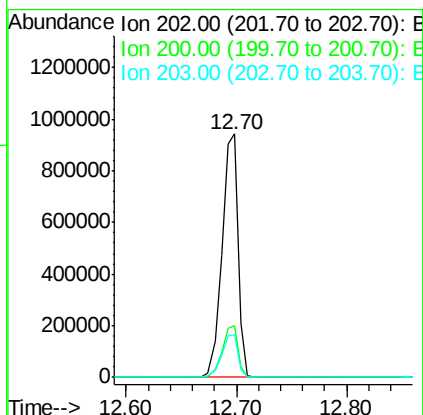
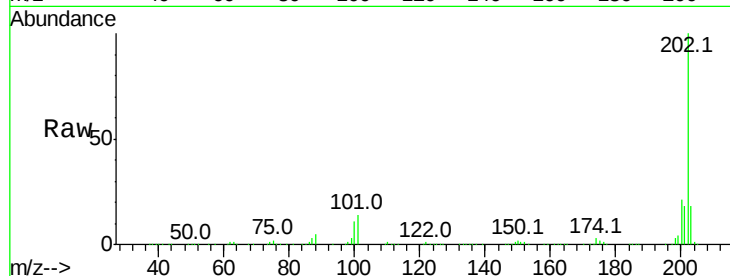




#77
Pvrene
Concen: 39.491 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

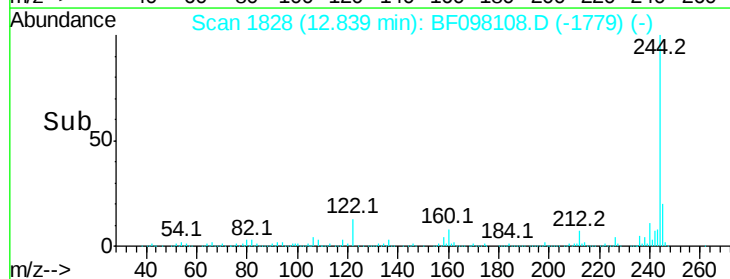
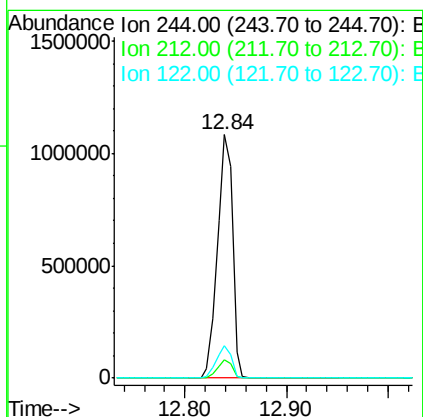
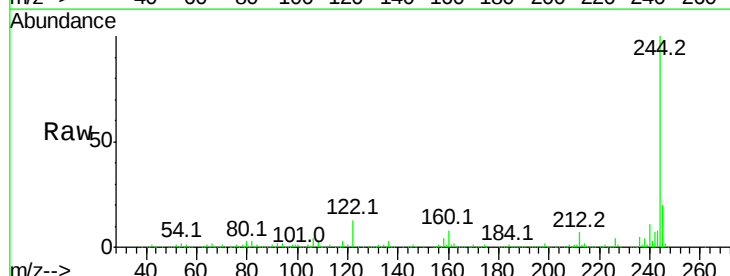
Instrument :
BNA_F
ClientSampleId :

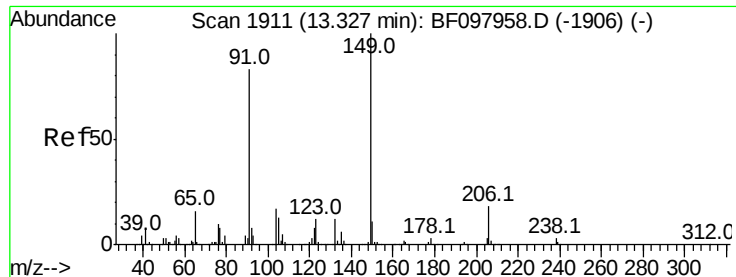
Tot Ion:202 Resp: 956843
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 78.867 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:244 Resp: 1120388
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.3 10.3 15.5

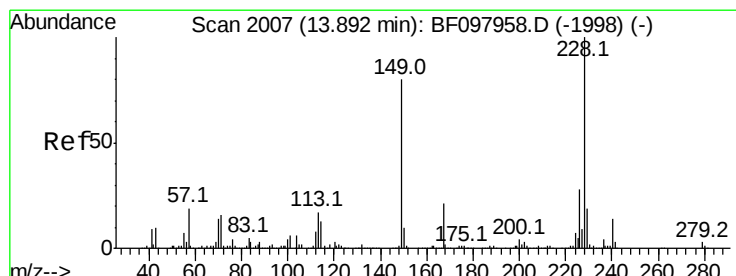
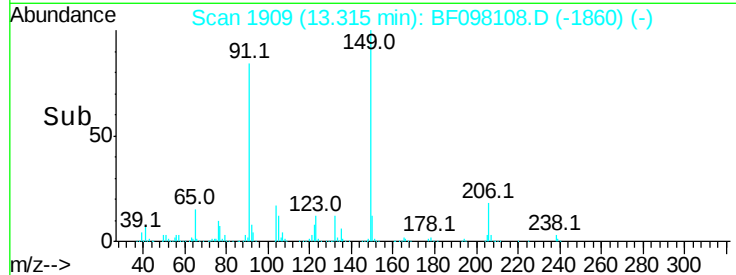
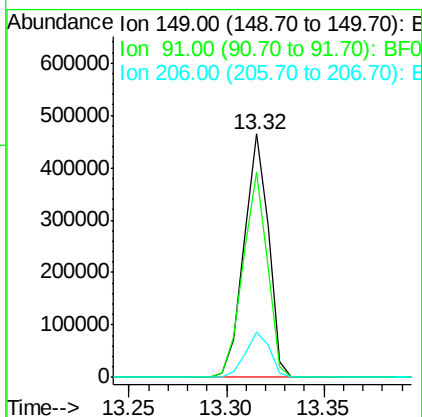
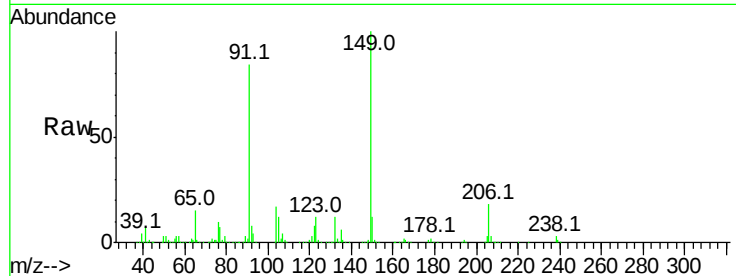




#79
Butylbenzylphthalate
Concen: 43.451 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

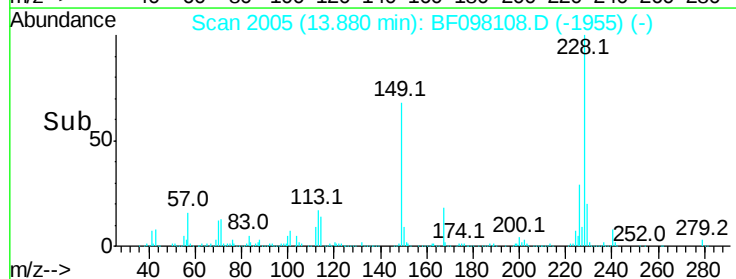
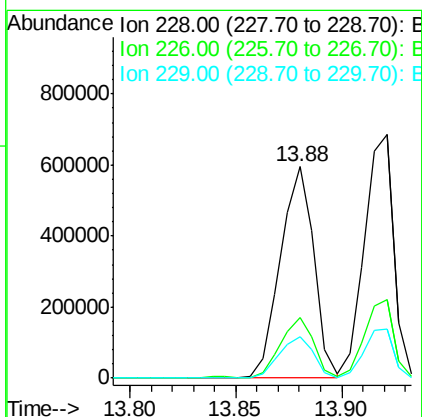
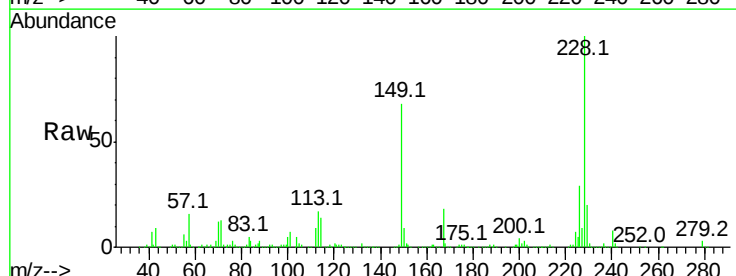
Instrument :
BNA_F
ClientSampleId :

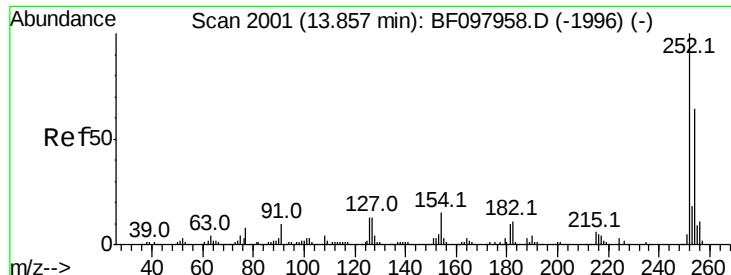
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.5	45.0	67.4#
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.160 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.8	16.3	24.5

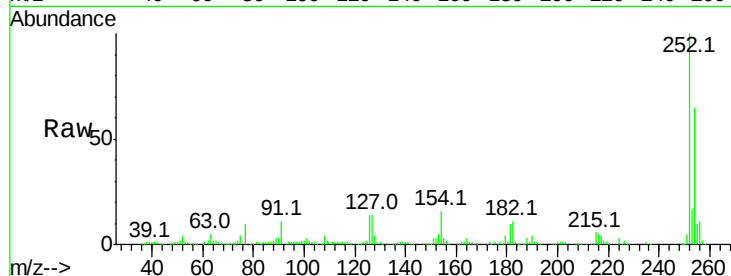




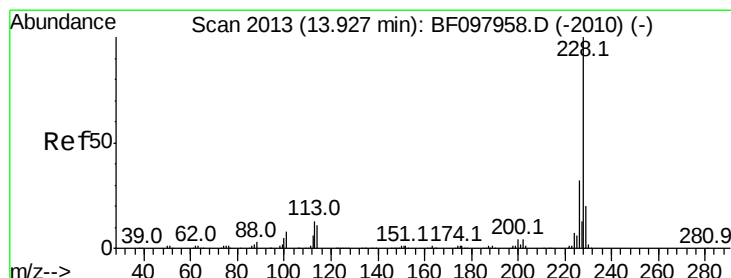
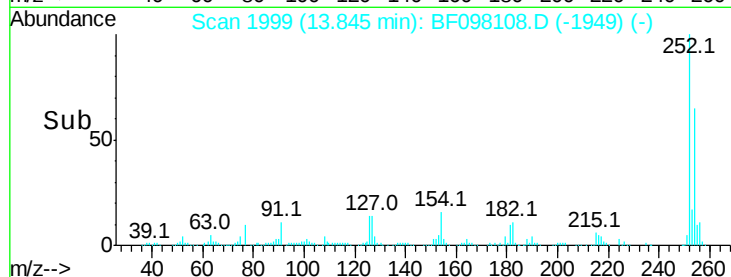
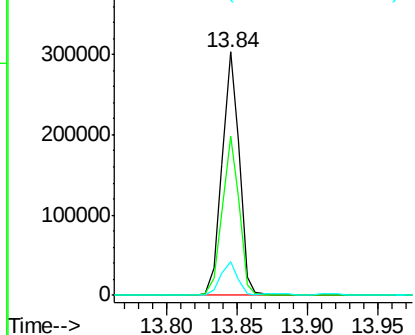
#81
 3,3'-Dichlorobenzidine
 Concen: 42.790 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	13.7	15.8	23.8#

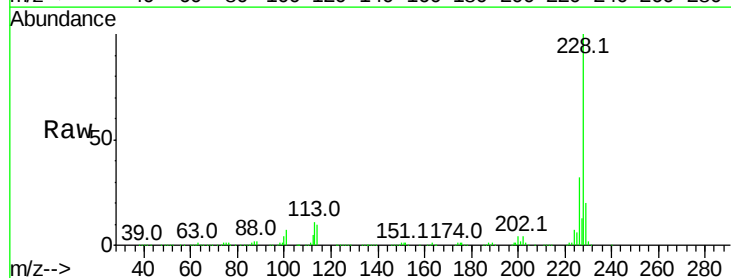


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

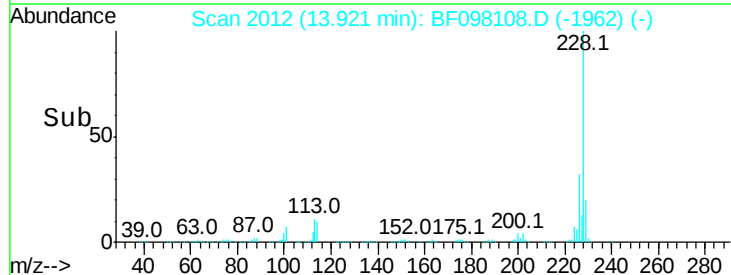
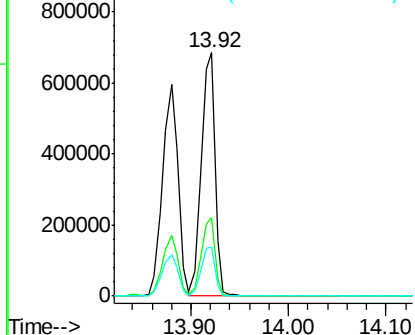


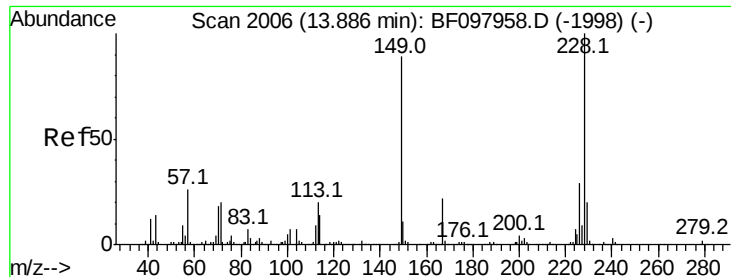
#82
 Chrysene
 Concen: 37.949 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.0	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: 47.966 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

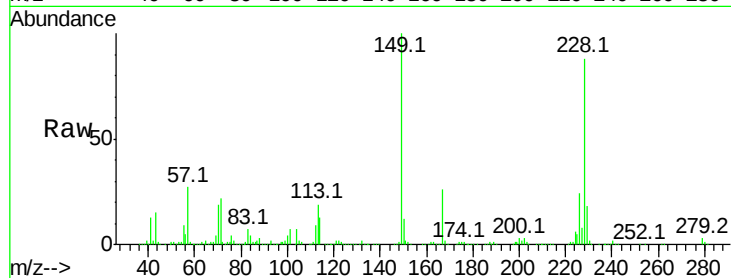
Tot Ion:149 Resp: 493753

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

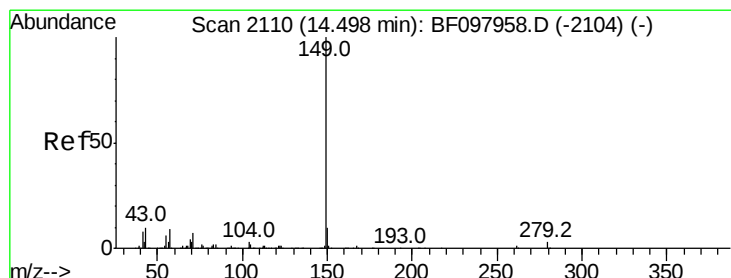
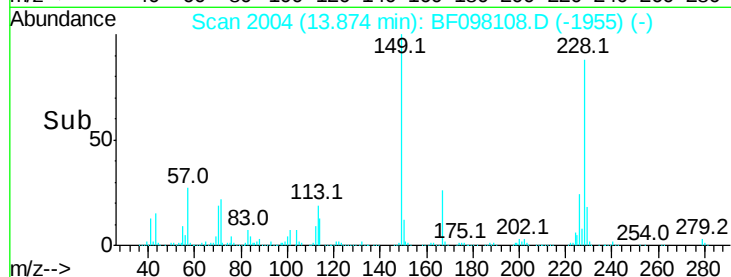
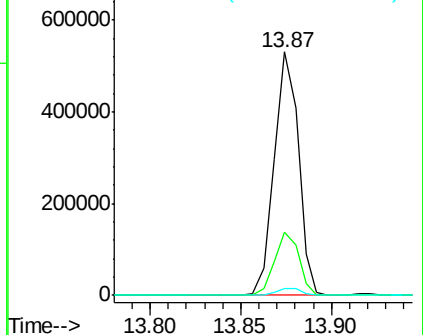
279 2.9 1.9 2.9#



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: 49.013 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

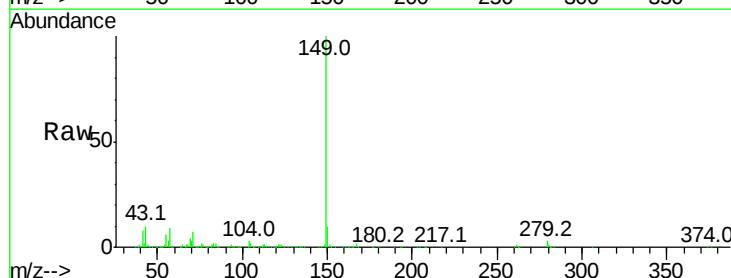
Tgt Ion:149 Resp: 877869

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

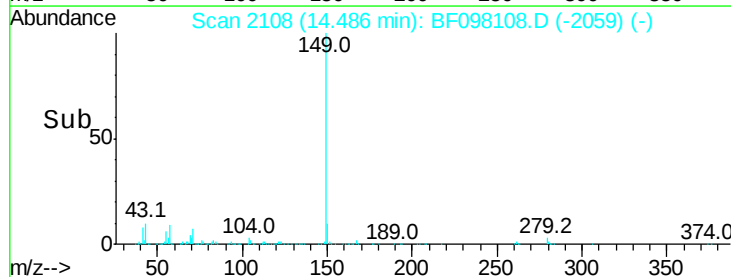
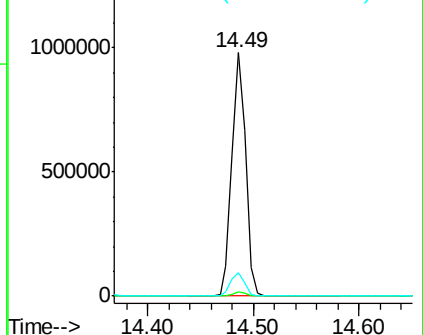
43 10.0 8.5 12.7

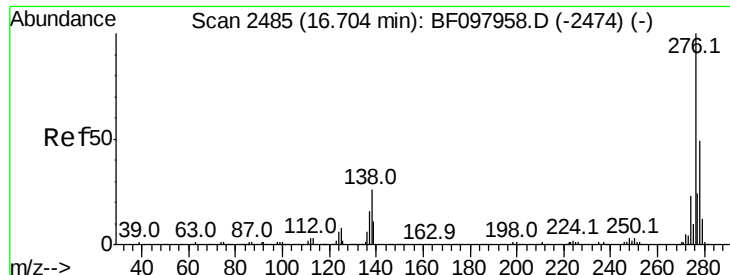


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

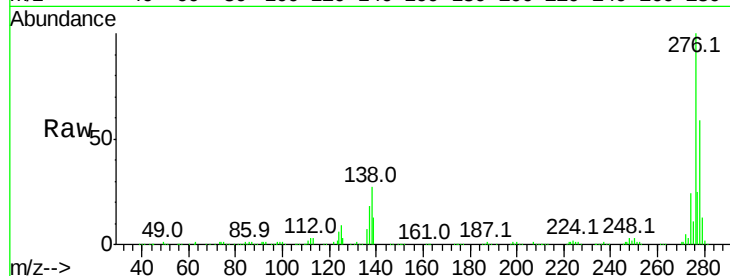




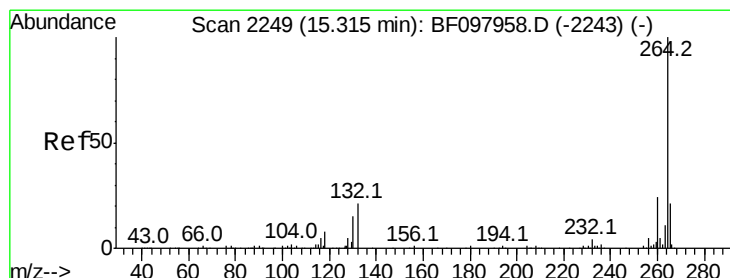
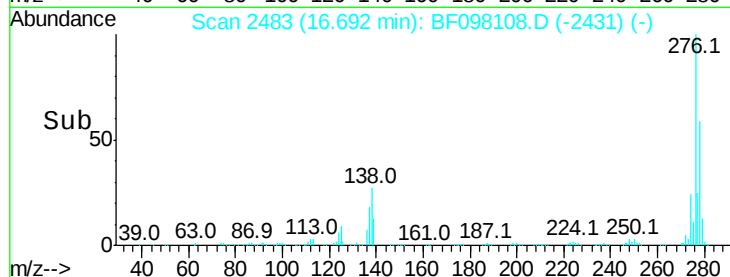
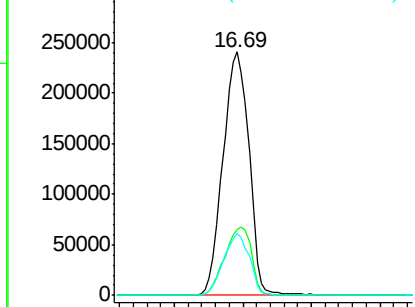
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.821 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.8	41.6
277	25.2	20.2	30.4

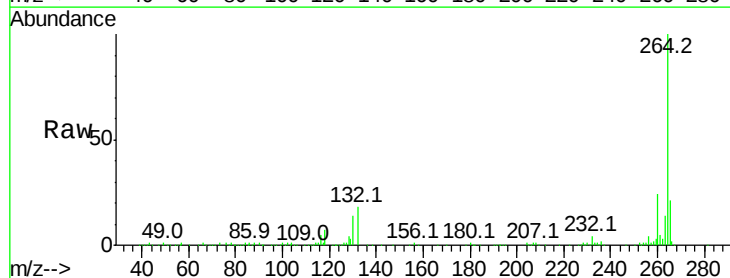


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

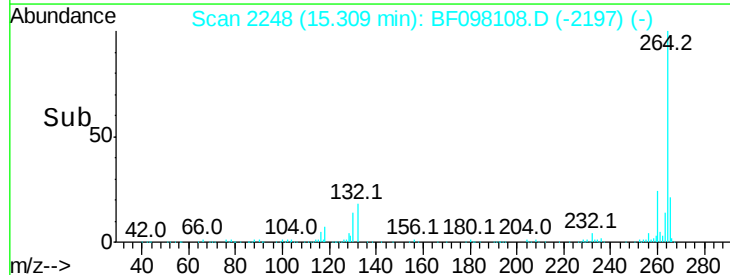
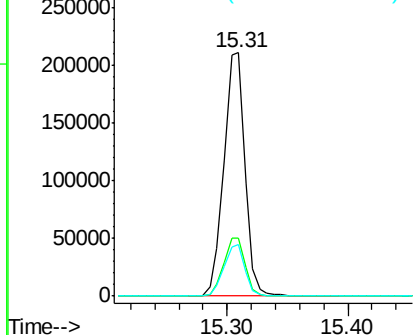


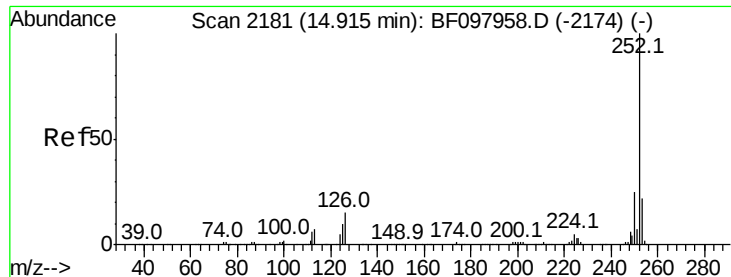
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098108.D
 Acq: 29 Aug 2017 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	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

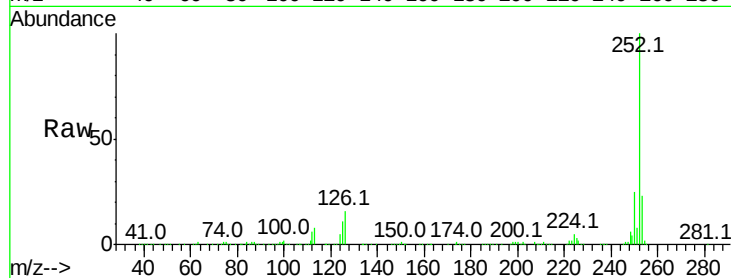




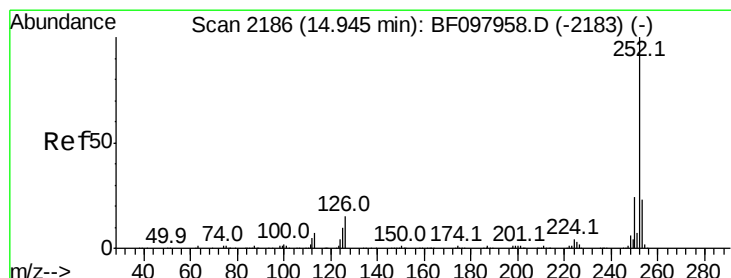
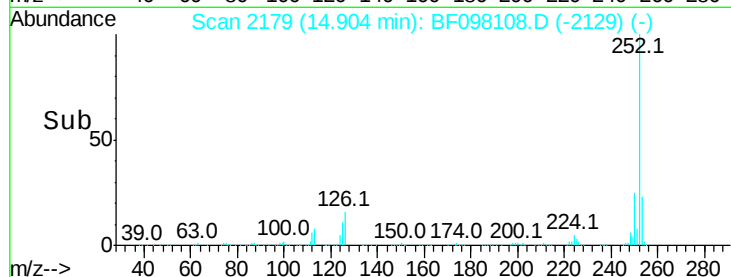
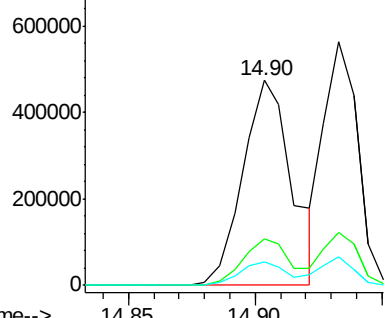
#87
Benzo(b)fluoranthene
Concen: 40.067 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 643169
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.5 9.8 14.8

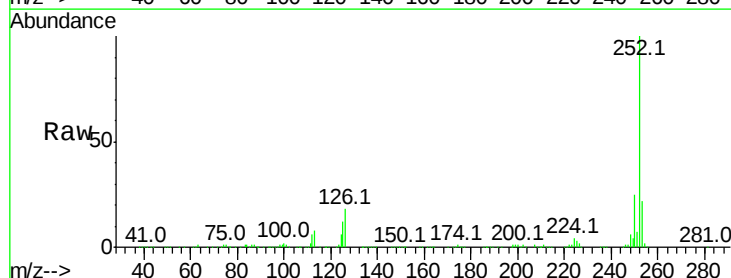


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

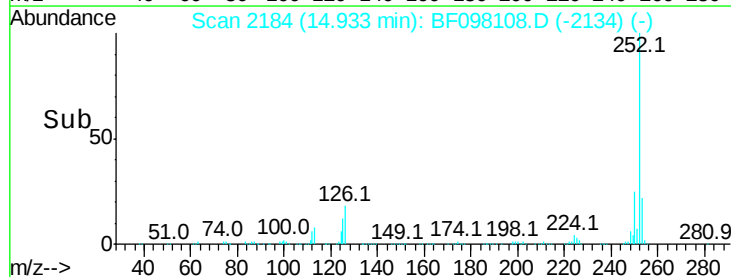
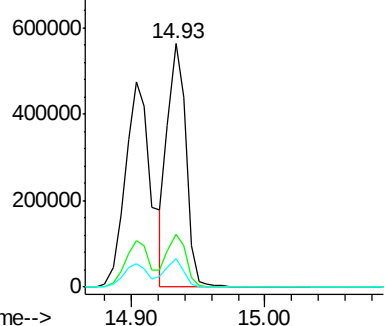


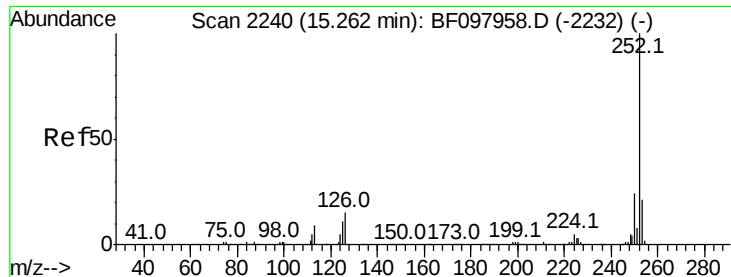
#88
Benzo(k)fluoranthene
Concen: 35.336 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098108.D
Acq: 29 Aug 2017 13:55

Tgt Ion:252 Resp: 532903
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 11.9 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: 39.543 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

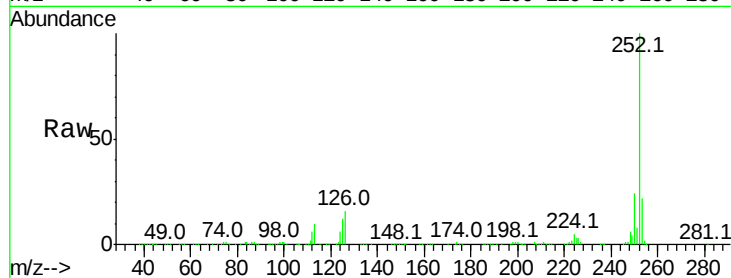
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 561928

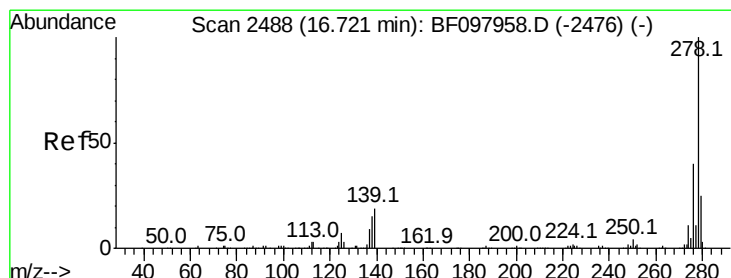
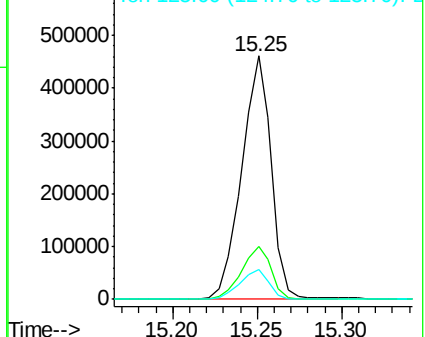
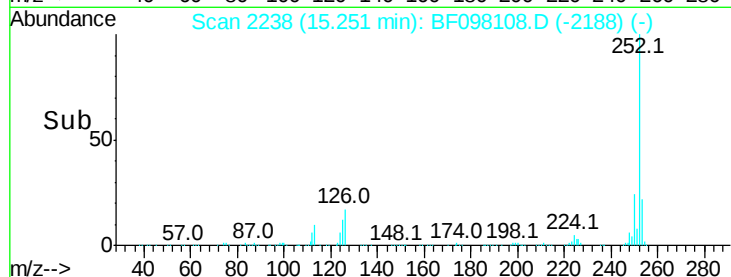
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.3	11.0	16.4



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: 46.711 ng

RT: 16.71 min Scan# 2486

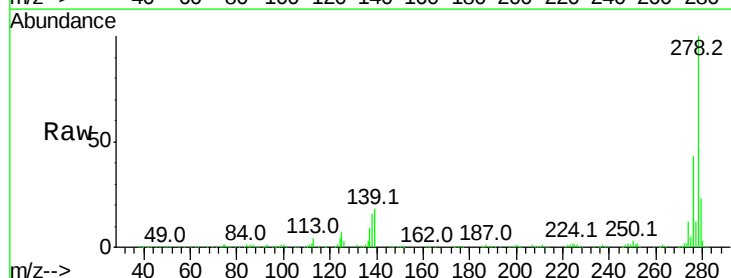
Delta R.T. -0.00 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Tgt Ion:278 Resp: 540397

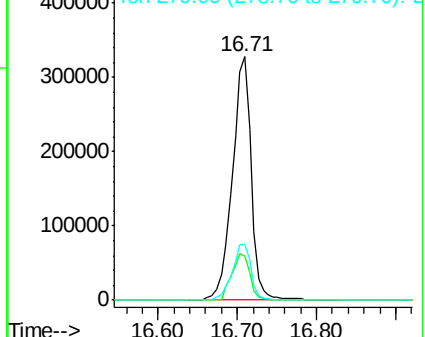
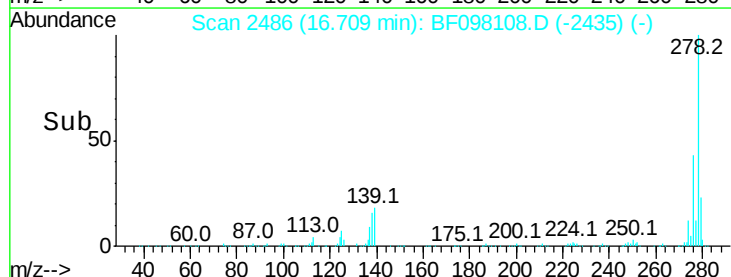
Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.6	24.8
279	23.0	19.3	28.9

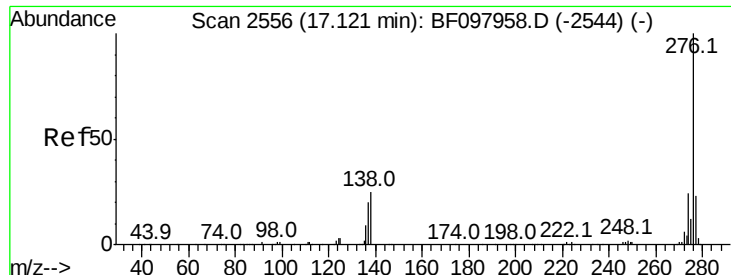


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.122 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BF098108.D

Acq: 29 Aug 2017 13:55

Instrument :

BNA_F

ClientSampleId :

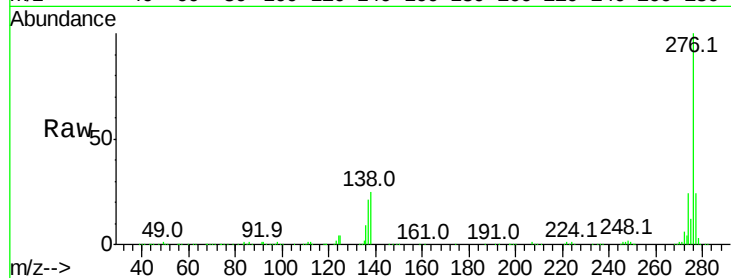
Tot Ion:276 Resp: 568822

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 25.0 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

