

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098184.D
 Acq On : 31 Aug 2017 5:32
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:54:31 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	115272	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	425431	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	153096	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	249906	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	228691	20.00	ng	-0.02
86) Perylene-d12	15.29	264	163421	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	622628	82.16	ng	-0.02
7) Phenol-d6	6.37	99	828142	80.43	ng	-0.02
23) Nitrobenzene-d5	7.30	82	708047	90.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	98243	73.96	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	963105	92.43	ng	-0.02
78) Terphenyl-d14	12.83	244	774312	70.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	168417	39.849	ng	88
3) Pyridine	3.08	79	462577	39.591	ng	85
4) n-Nitrosodimethylamine	3.04	42	165709	36.860	ng	# 73
6) Aniline	6.39	93	552487	38.195	ng	97
8) 2-Chlorophenol	6.52	128	329687	41.251	ng	99
9) Benzaldehyde	6.27	77	247441	37.939	ng	89
10) Phenol	6.38	94	474671	39.416	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	376457	41.418	ng	93
12) 1,3-Dichlorobenzene	6.67	146	353103	41.074	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	354124	40.502	ng	# 93
14) 1,2-Dichlorobenzene	6.90	146	326834	40.541	ng	99
15) Benzyl Alcohol	6.87	79	283711	36.802	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	480811	39.316	ng	90
17) 2-Methylphenol	6.99	107	274304	38.947	ng	98
18) Hexachloroethane	7.24	117	104962	30.620	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	263849	37.432	ng	# 87
20) 3+4-Methylphenols	7.15	107	330958	38.473	ng	95
22) Acetophenone	7.15	105	455083	40.492	ng	# 88
24) Nitrobenzene	7.32	77	380928	43.686	ng	94
25) Isophorone	7.56	82	650258	39.932	ng	98
26) 2-Nitrophenol	7.63	139	97604	32.770	ng	# 78
27) 2,4-Dimethylphenol	7.67	122	275987	40.638	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	455412	42.539	ng	99
29) 2,4-Dichlorophenol	7.87	162	221225	39.242	ng	93
30) 1,2,4-Trichlorobenzene	7.96	180	255751	40.923	ng	99
31) Naphthalene	8.03	128	879731	39.832	ng	100
32) Benzoic acid	7.79	122	82855	20.915	ng	90
33) 4-Chloroaniline	8.09	127	365862	39.278	ng	99
34) Hexachlorobutadiene	8.15	225	155138	42.517	ng	98
35) Caprolactam	8.46	113	69128	36.070	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	258412	35.677	ng	# 77
37) 2-Methylnaphthalene	8.73	142	507555	37.483	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	221493	47.142	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	131021	41.536	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08184.D
 Acq On : 31 Aug 2017 5:32
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:54:31 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

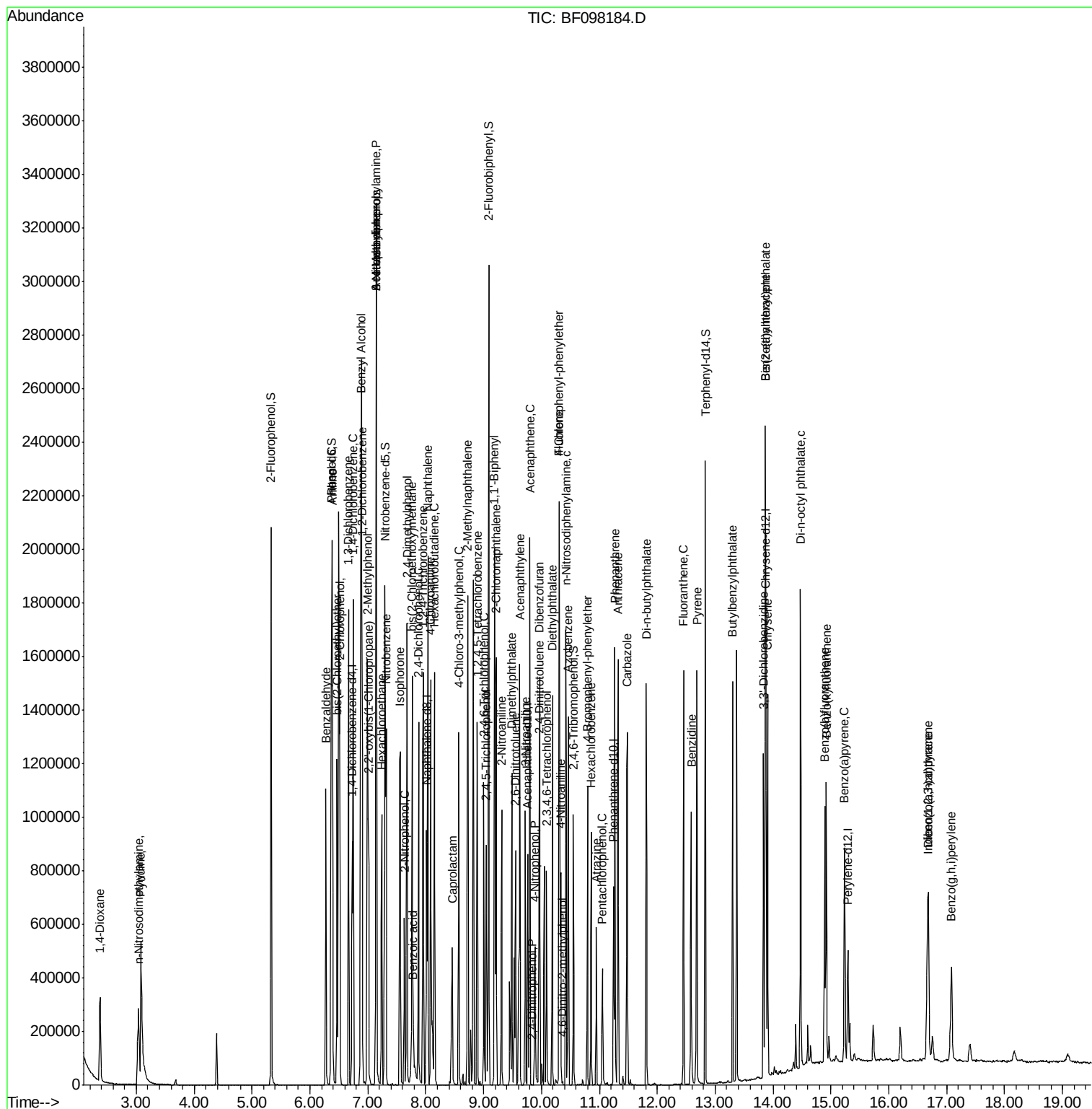
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	126536	40.434	nq	96
45) 1,1'-Biphenyl	9.19	154	628027	44.985	nq	97
46) 2-Chloronaphthalene	9.22	162	440129	42.667	nq	93
47) 2-Nitroaniline	9.31	65	170311	49.249	nq	96
48) Acenaphthylene	9.63	152	657268	40.575	nq	99
49) Dimethylphthalate	9.49	163	517103	46.208	nq	98
50) 2,6-Dinitrotoluene	9.55	165	84521	37.837	nq #	60
51) Acenaphthene	9.80	154	383561	37.544	nq	98
52) 3-Nitroaniline	9.72	138	134034	46.507	nq	89
53) 2,4-Dinitrophenol	9.83	184	448	10.510	nq #	75
54) Dibenzofuran	9.97	168	533035	38.930	nq	99
55) 4-Nitrophenol	9.89	139	65521	28.499	nq #	44
56) 2,4-Dinitrotoluene	9.96	165	90299	32.211	nq #	64
57) Fluorene	10.31	166	407243	38.470	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	87436	36.087	nq	91
59) Diethylphthalate	10.19	149	492270	42.064	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	203422	41.363	nq #	86
61) 4-Nitroaniline	10.33	138	133350	48.682	nq	83
62) Azobenzene	10.46	77	502191	36.126	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	1231	9.185	nq	91
65) n-Nitrosodiphenylamine	10.42	169	371728	43.681	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	113219	43.628	nq	94
67) Hexachlorobenzene	10.86	284	110880	41.919	nq #	87
68) Atrazine	10.95	200	56424	25.001	nq	98
69) Pentachlorophenol	11.05	266	44637	28.943	nq	96
70) Phenanthrene	11.27	178	531964	39.947	nq	100
71) Anthracene	11.32	178	547977	40.571	nq	100
72) Carbazole	11.48	167	524912	40.942	nq	97
73) Di-n-butylphthalate	11.81	149	688898	46.649	nq	99
74) Fluoranthene	12.46	202	608781	43.798	nq	99
76) Benzidine	12.59	184	434960	58.008	nq #	92
77) Pyrene	12.69	202	635899	33.997	nq	97
79) Butylbenzylphthalate	13.30	149	305627	42.618	nq #	73
80) Benzo(a)anthracene	13.87	228	515358	37.600	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	218622	47.269	nq #	96
82) Chrysene	13.91	228	509998	37.404	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	420109	52.867	nq	100
84) Di-n-octyl phthalate	14.47	149	787882	56.983	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	340557	33.953	nq	96
87) Benzo(b)fluoranthene	14.89	252	419743	40.748	nq	98
88) Benzo(k)fluoranthene	14.92	252	414441	42.824	nq #	93
89) Benzo(a)pyrene	15.23	252	371211	40.707	nq	100
90) Dibenzo(a,h)anthracene	16.69	278	300662	40.498	nq	95
91) Benzo(g,h,i)perylene	17.09	276	293000	37.824	nq #	90

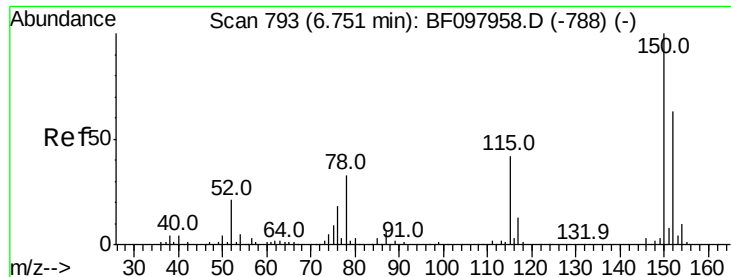
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\  
Data File : BF098184.D  
Acq On    : 31 Aug 2017    5:32  
Operator  : SJ/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 06:54:31 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



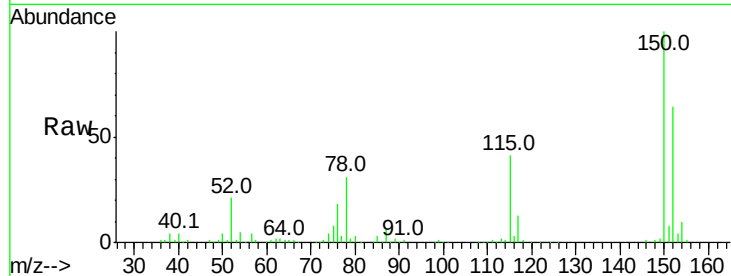


#1

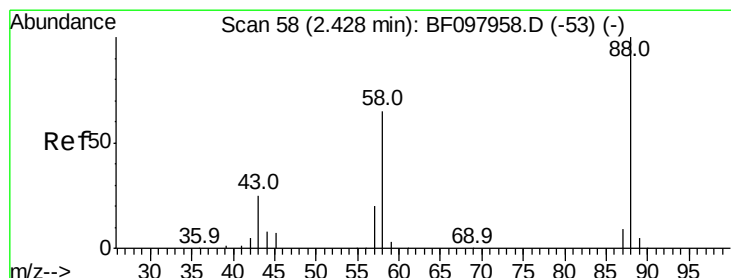
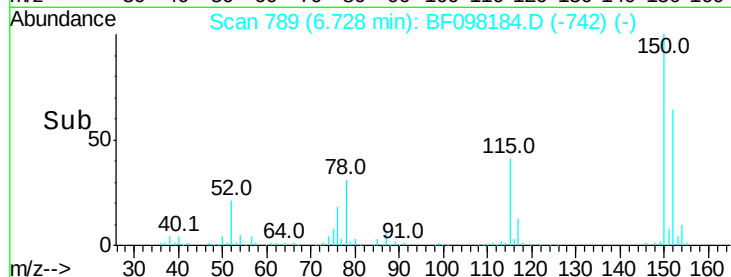
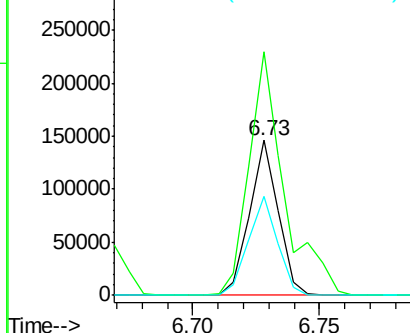
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115272
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 64.2 52.2 78.2



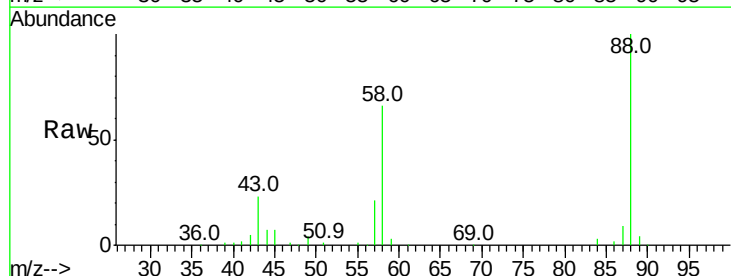
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



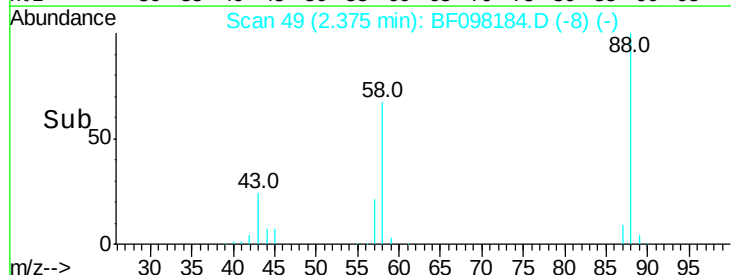
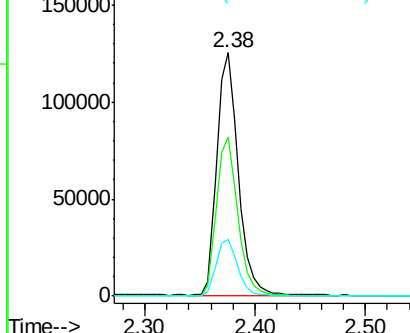
#2

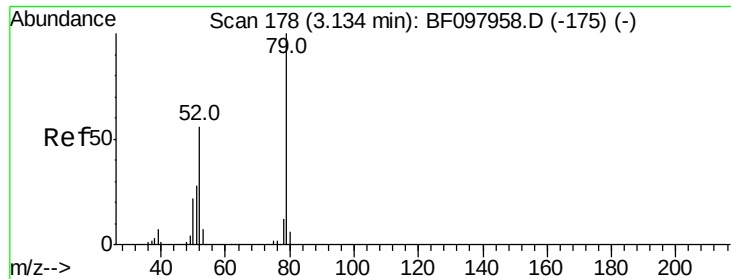
1,4-Dioxane
Concen: 39.849 ng
RT: 2.38 min Scan# 49
Delta R.T. -0.06 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion: 88 Resp: 168417
Ion Ratio Lower Upper
88 100
58 65.7 61.4 92.0
43 24.1 23.4 35.0



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





#3

Pvridine

Concen: 39.591 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.05 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

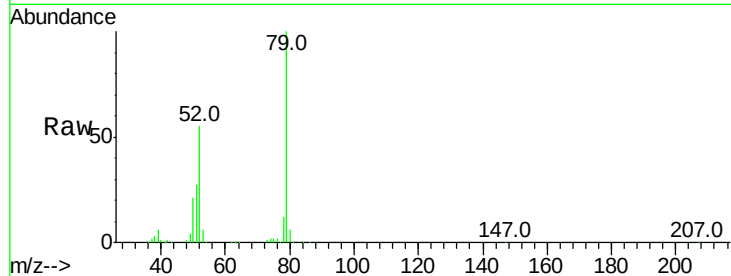
Tot Ion: 79 Resp: 462577

Ion Ratio Lower Upper

79 100

52 54.9 54.8 82.2

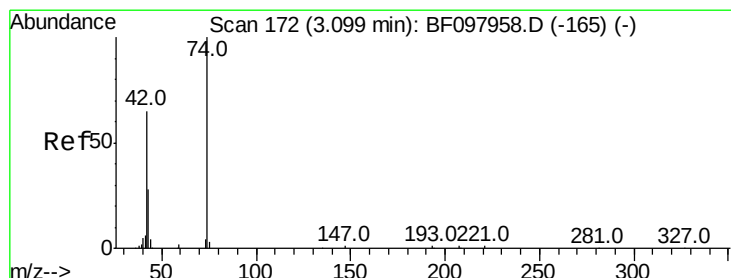
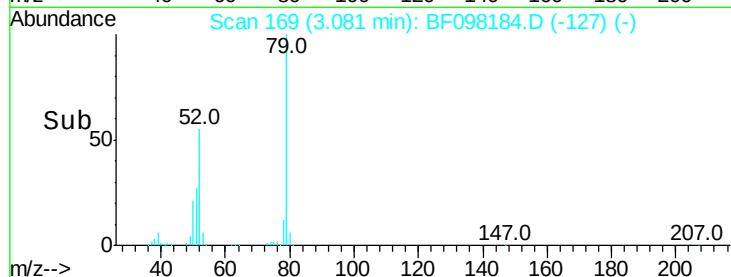
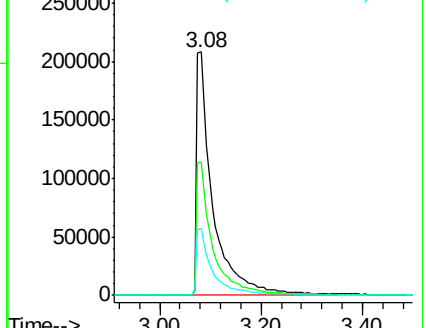
51 27.4 27.0 40.4



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: 36.860 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.06 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

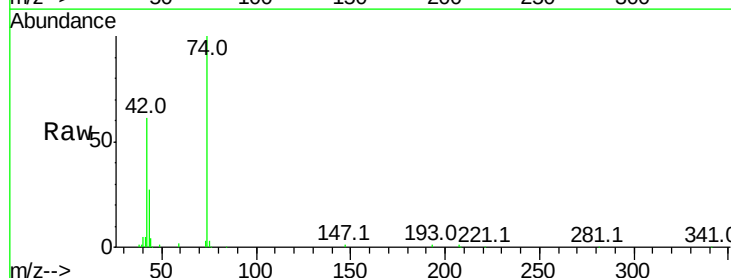
Tgt Ion: 42 Resp: 165709

Ion Ratio Lower Upper

42 100

74 162.8 103.9 155.9#

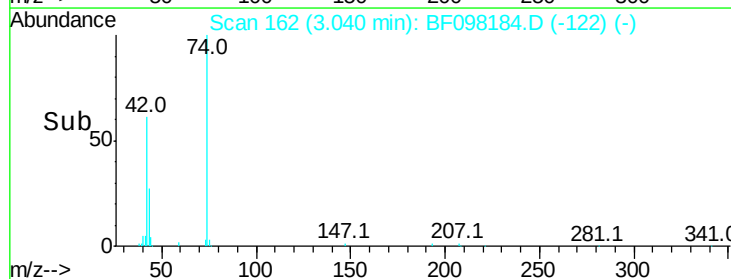
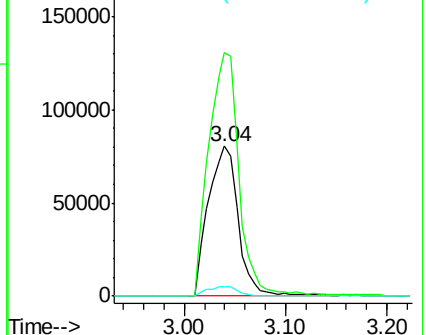
44 6.4 5.7 8.5

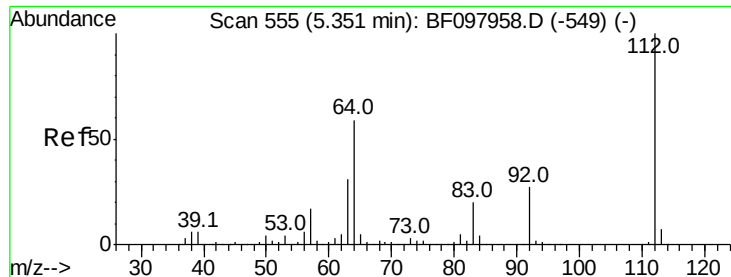


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.159 ng

RT: 5.33 min Scan# 551

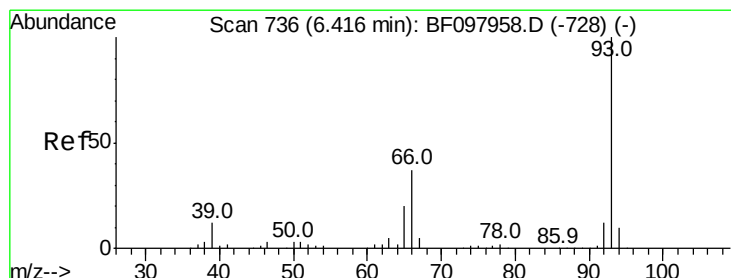
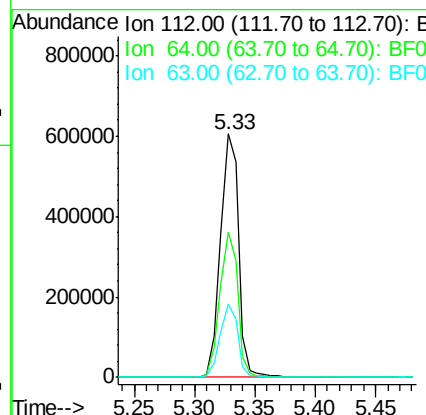
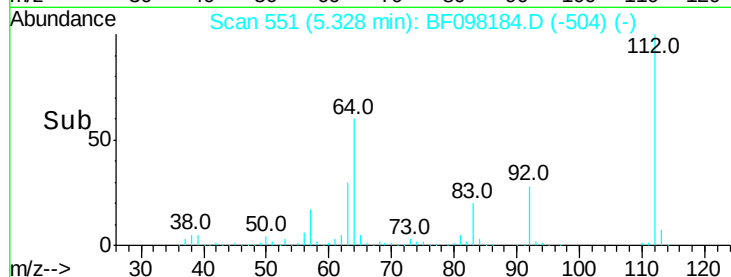
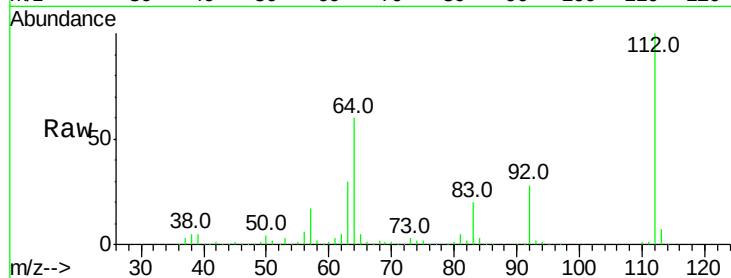
Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	622628
Ion Ratio	Lower	Upper	
112	100		
64	59.7	46.0	69.0
63	29.9	23.4	35.0



#6

Aniline

Concen: 38.195 ng

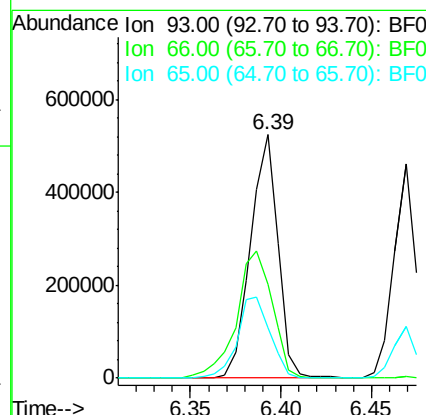
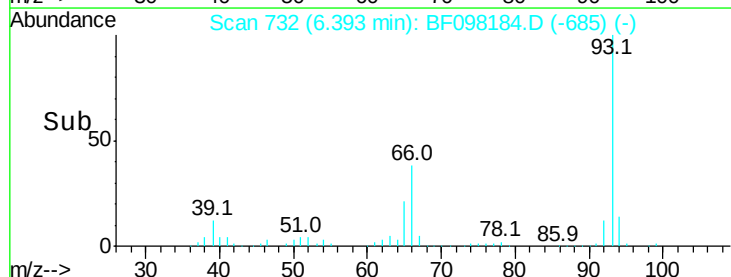
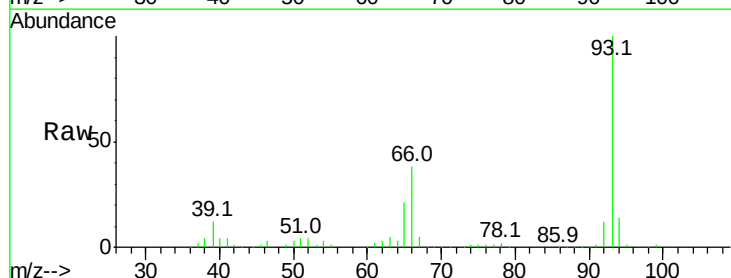
RT: 6.39 min Scan# 732

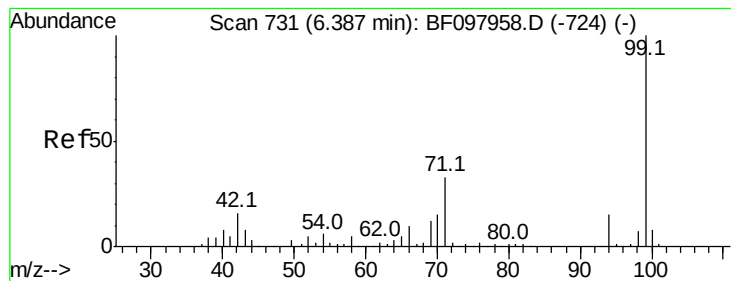
Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Tgt Ion:	93	Resp:	552487
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.9	49.3
65	20.6	16.0	24.0





#7

Phenol-d6

Concen: 80.427 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

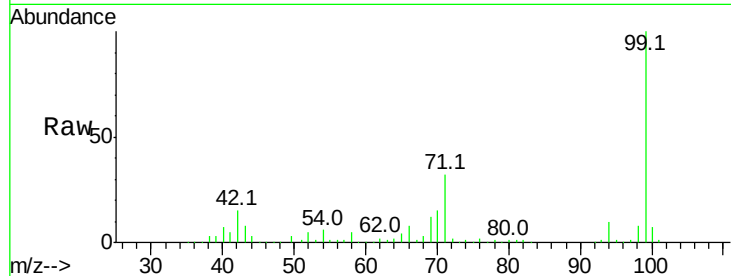
Tot Ion: 99 Resp: 828142

Ion Ratio Lower Upper

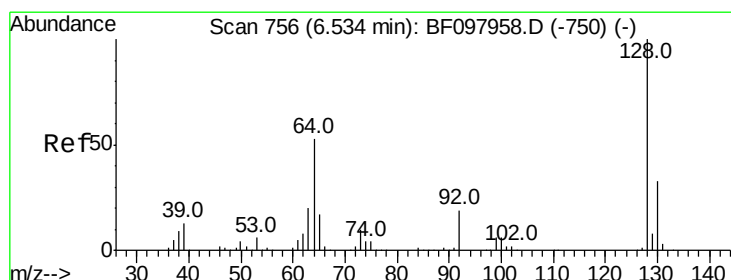
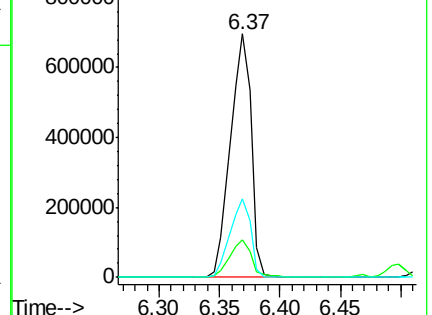
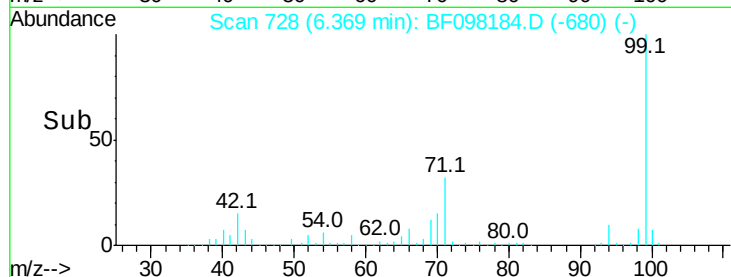
99 100

42 15.4 13.5 20.3

71 32.2 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: 41.251 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

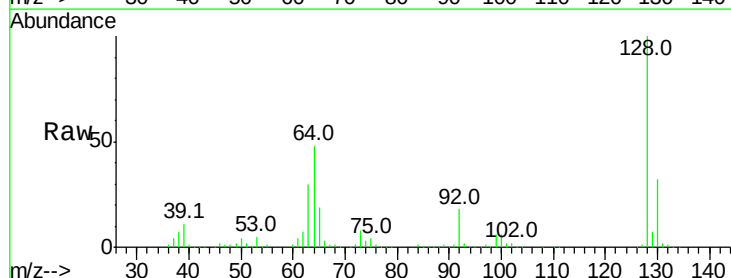
Tgt Ion: 128 Resp: 329687

Ion Ratio Lower Upper

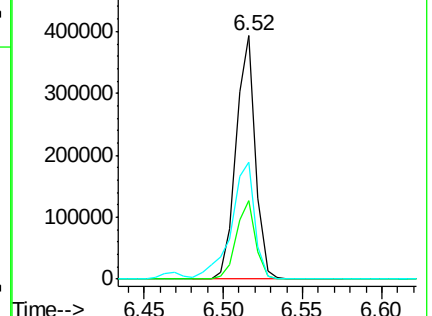
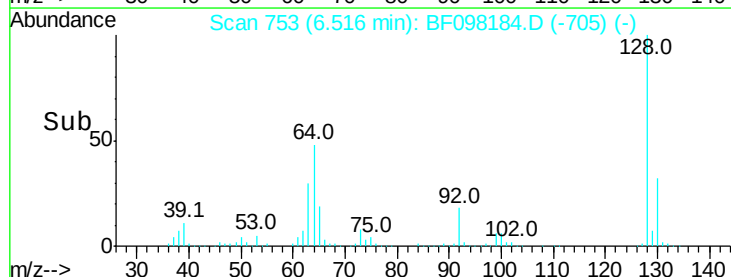
128 100

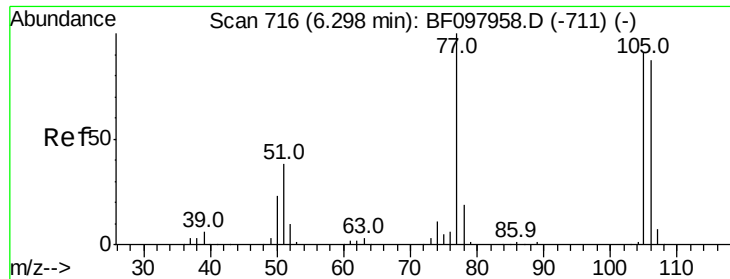
130 32.2 12.9 52.9

64 47.8 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: 37.939 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

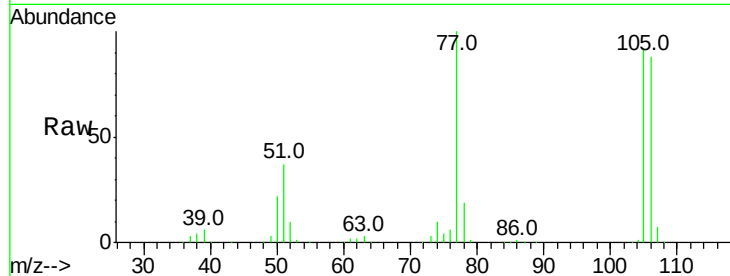
Tot Ion: 77 Resp: 247441

Ion Ratio Lower Upper

77 100

105 91.8 83.8 123.8

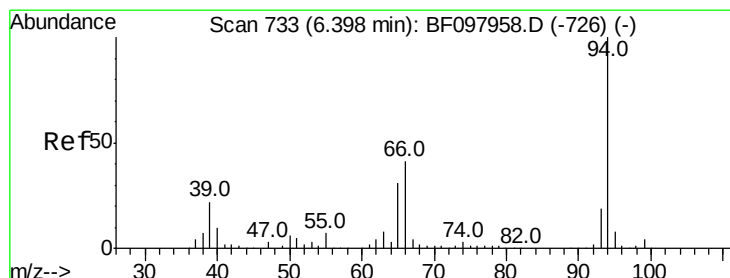
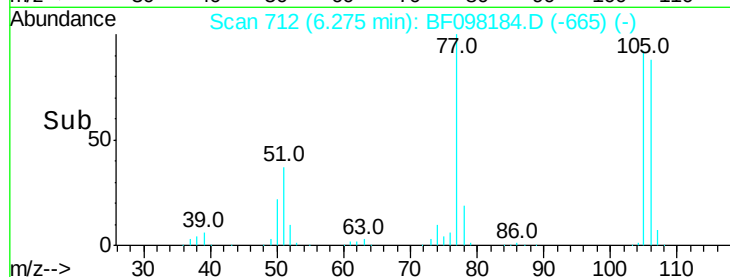
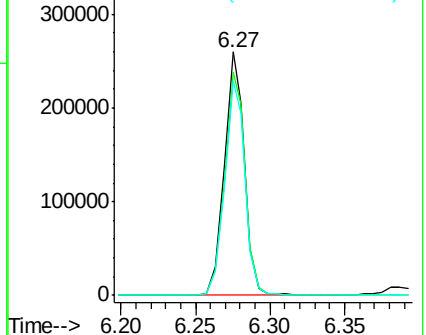
106 88.1 79.1 119.1



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: 39.416 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

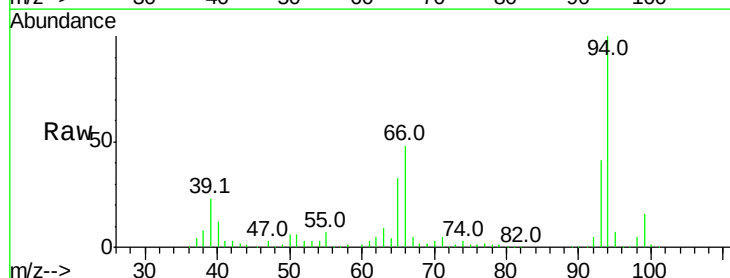
Tgt Ion: 94 Resp: 474671

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

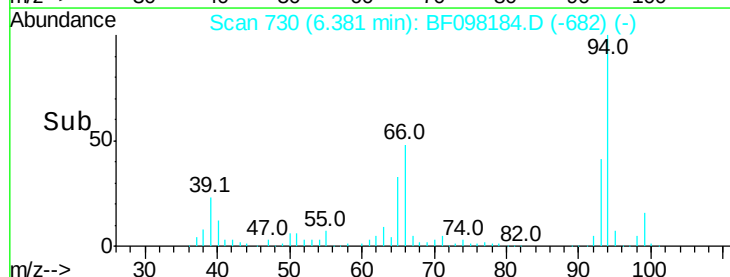
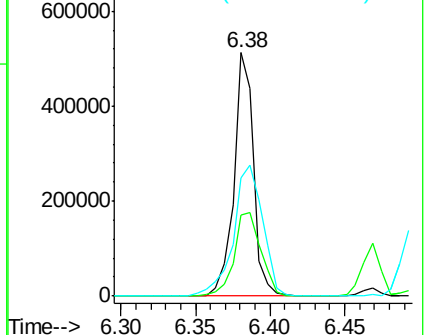
66 48.3 23.1 63.1

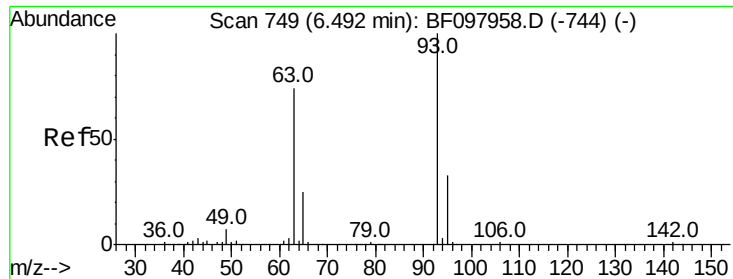


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.418 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

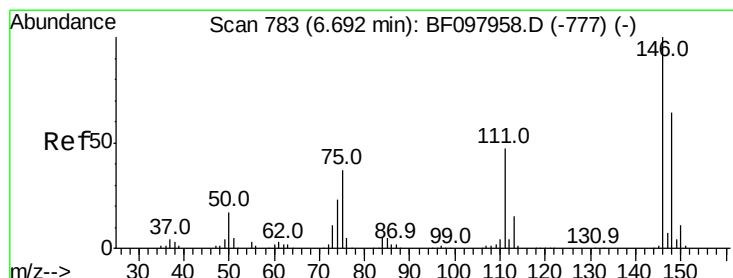
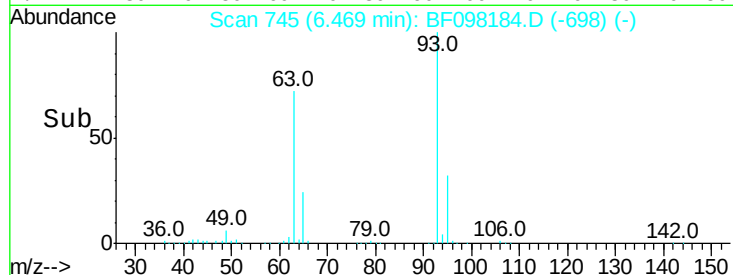
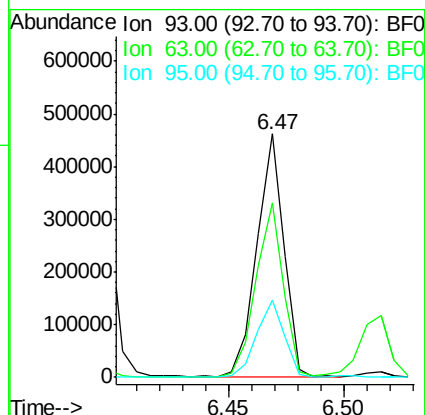
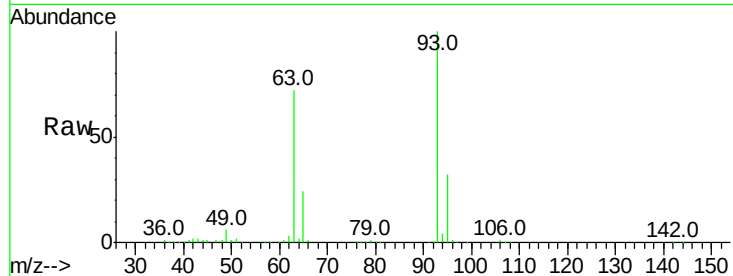
Tot Ion: 93 Resp: 376457

Ion Ratio Lower Upper

93 100

63 71.6 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.074 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

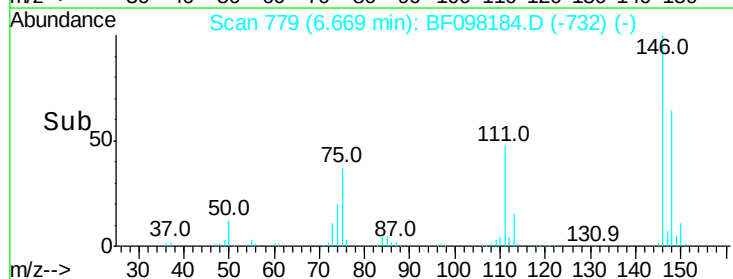
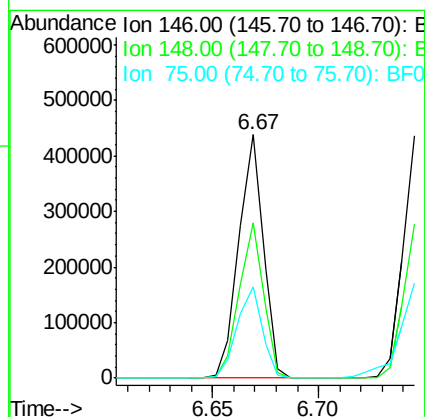
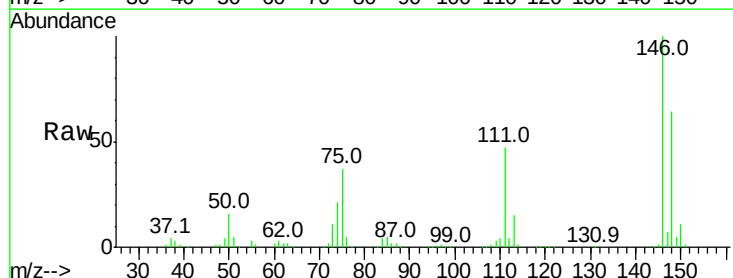
Tgt Ion: 146 Resp: 353103

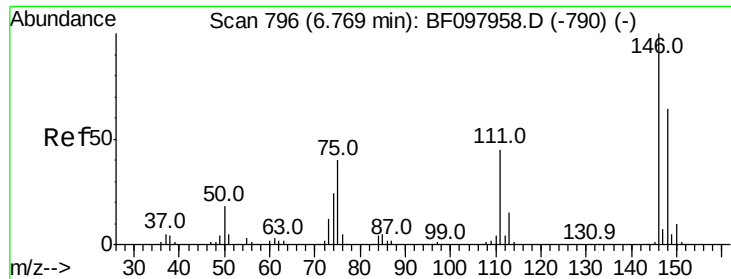
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 37.4 23.1 34.7#

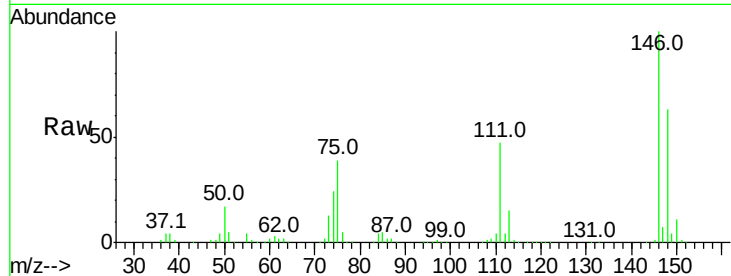




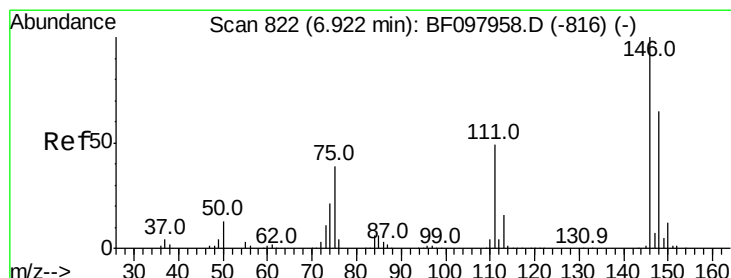
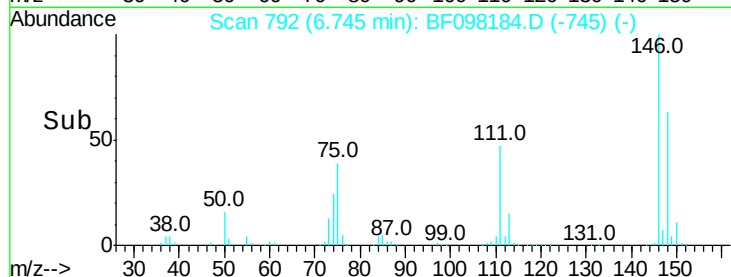
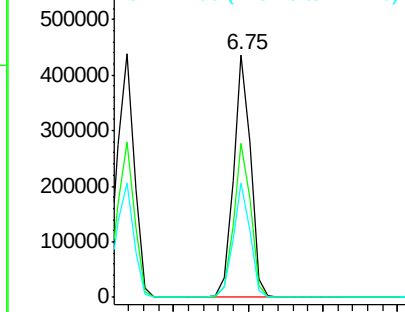
#13
 1,4-Dichlorobenzene
 Concen: 40.502 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 354124
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 47.0 30.3 45.5#

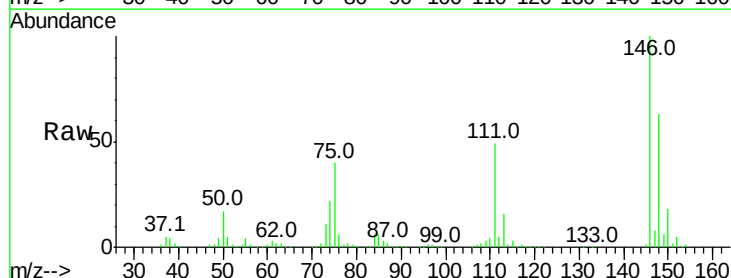


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

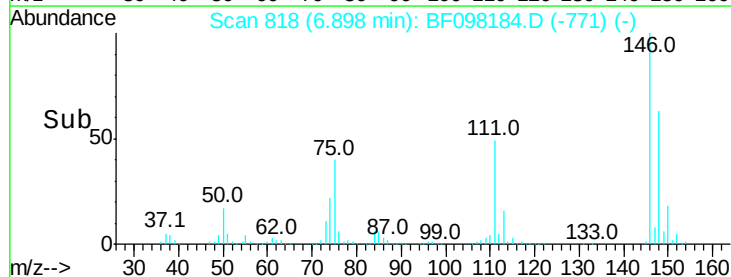
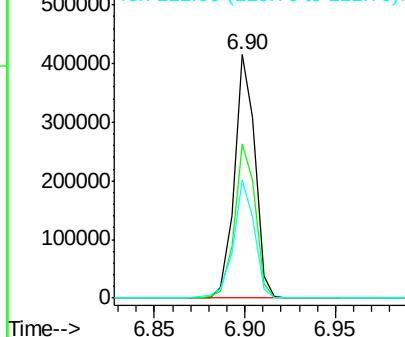


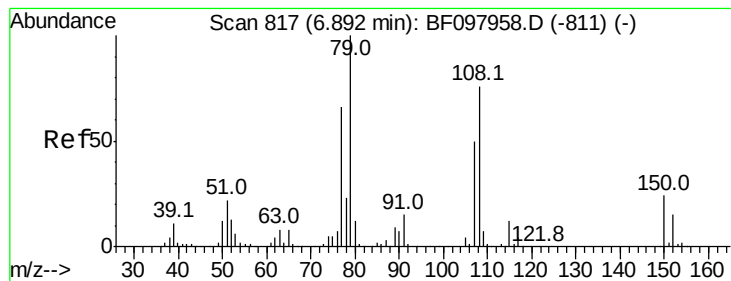
#14
 1,2-Dichlorobenzene
 Concen: 40.541 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:146 Resp: 326834
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 48.7 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: 36.802 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampled :

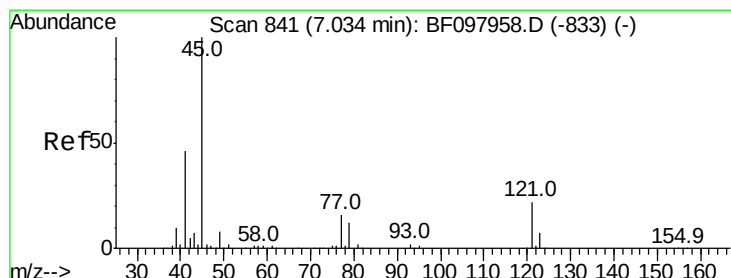
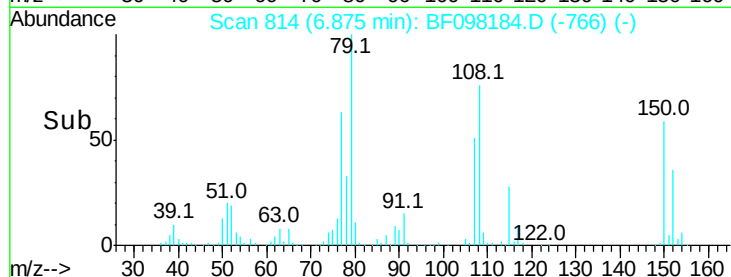
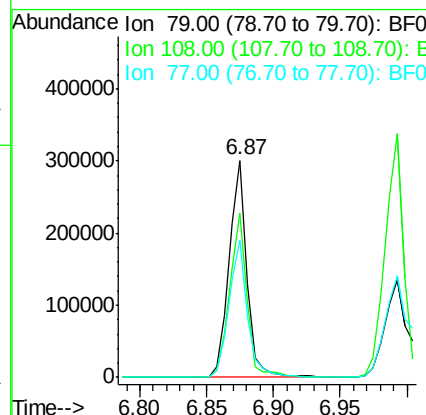
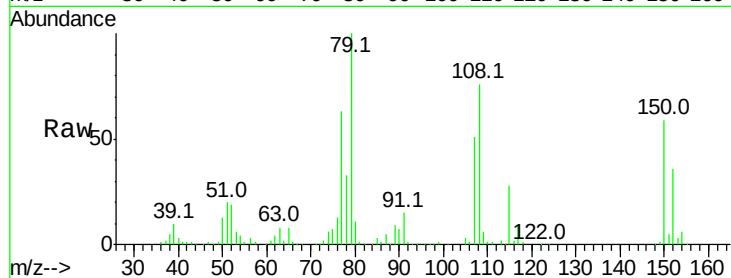
Tot Ion: 79 Resp: 283711

Ion Ratio Lower Upper

79 100

108 75.9 63.4 95.0

77 63.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.316 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

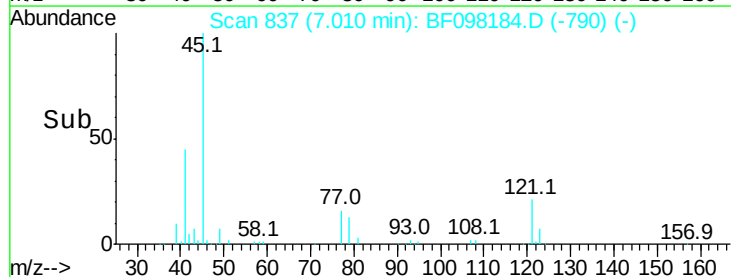
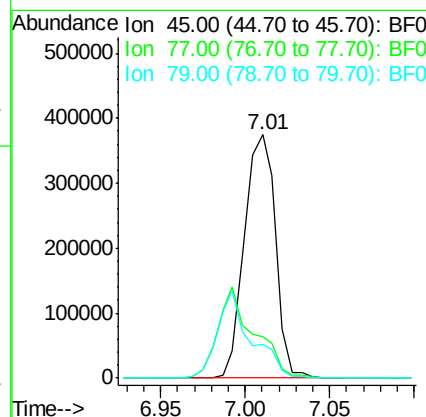
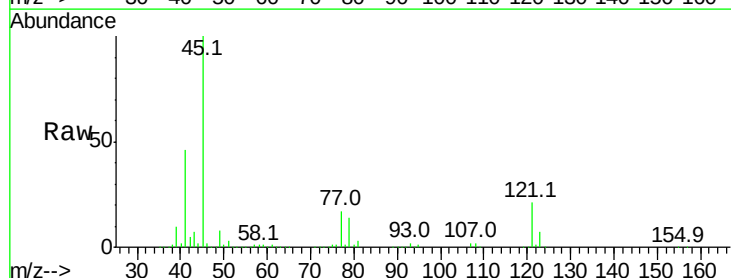
Tgt Ion: 45 Resp: 480811

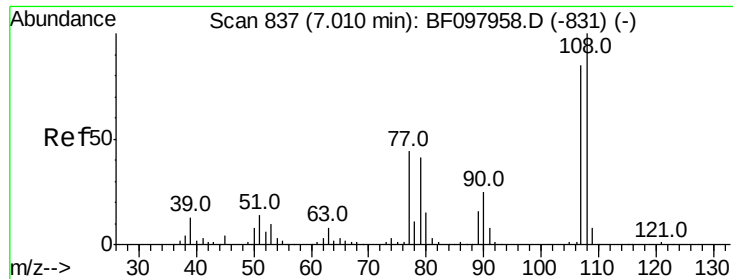
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.2

79 13.6 0.0 30.0





#17

2-Methylphenol

Concen: 38.947 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 274304

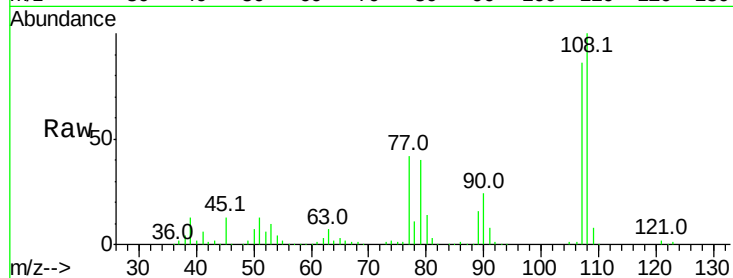
Ion Ratio Lower Upper

107 100

108 116.3 93.4 140.0

77 48.4 35.8 53.6

79 46.5 34.8 52.2

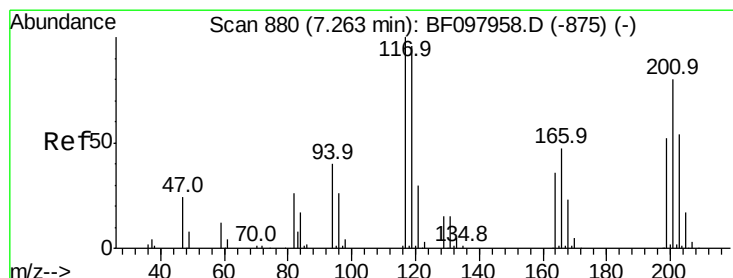
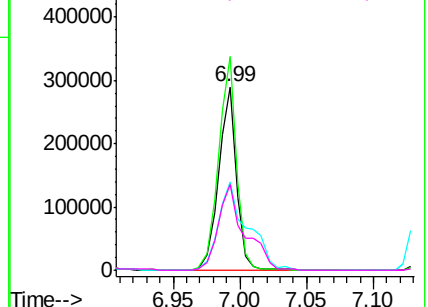
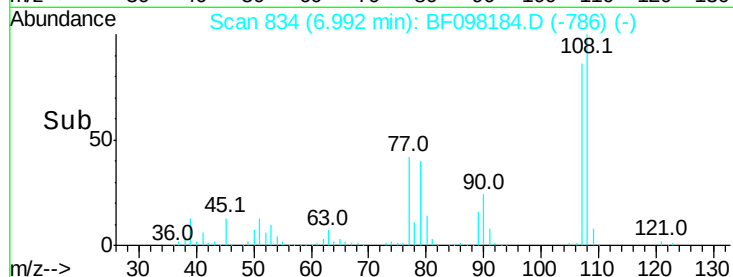


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.620 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

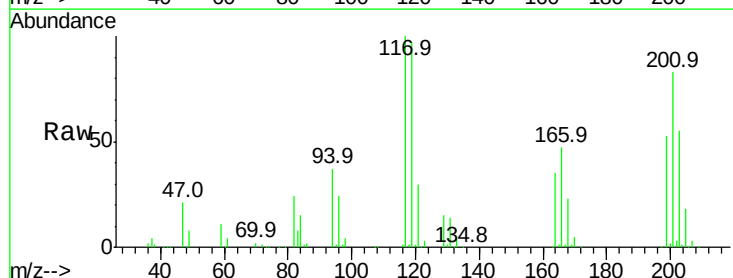
Tgt Ion:117 Resp: 104962

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

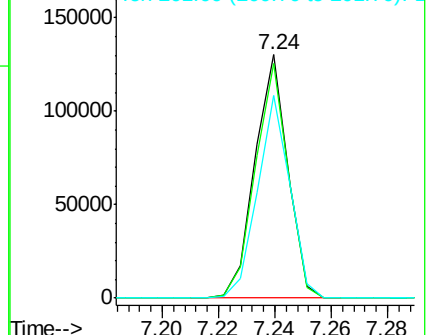
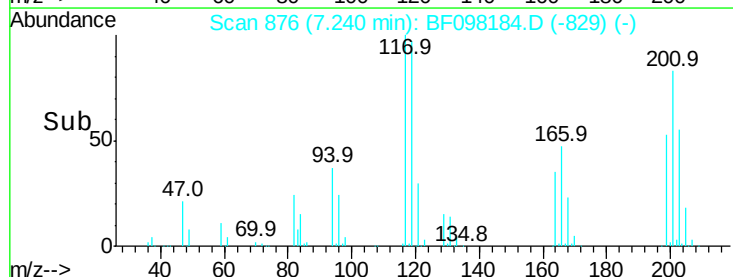
201 83.2 94.6 141.8#

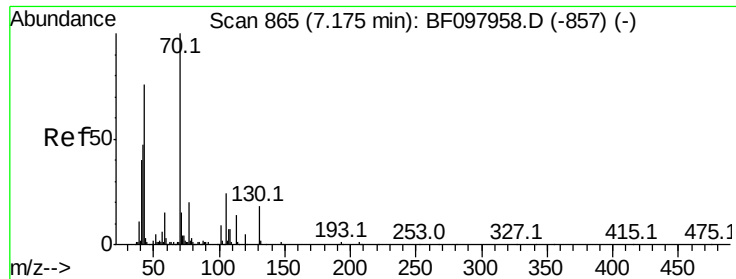


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.432 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 263849

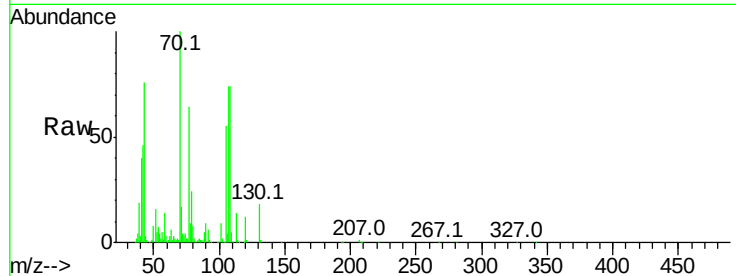
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 8.9 7.2 10.8

130 17.6 15.9 23.9



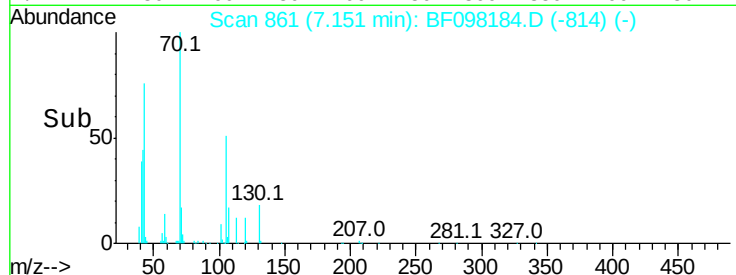
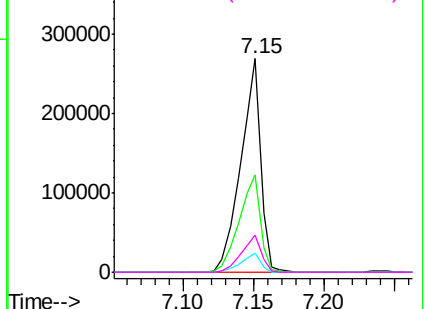
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.473 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Tgt Ion: 107 Resp: 330958

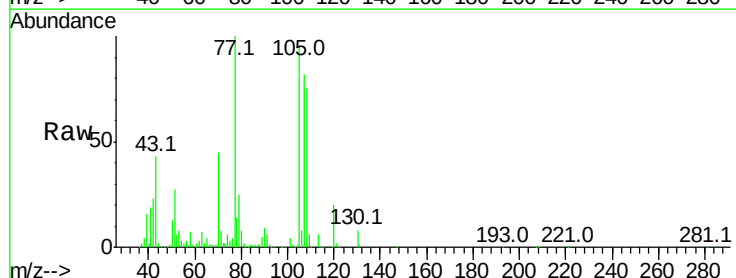
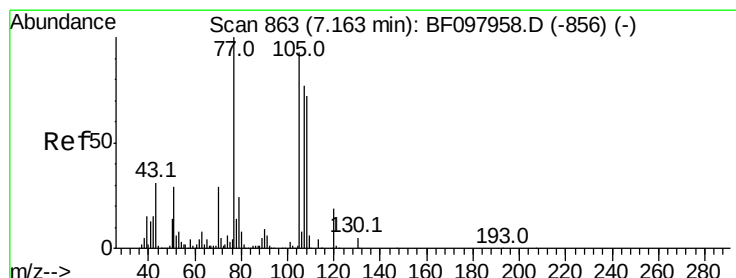
Ion Ratio Lower Upper

107 100

108 91.1 71.0 111.0

77 121.5 90.5 130.5

79 29.9 8.4 48.4



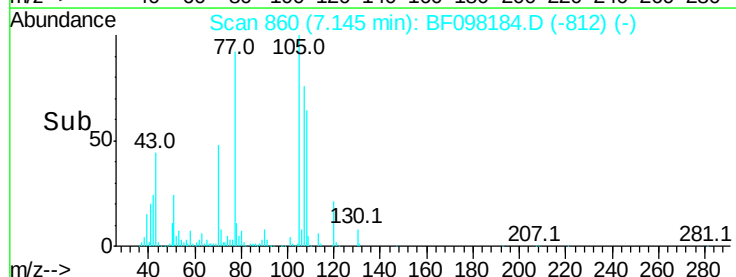
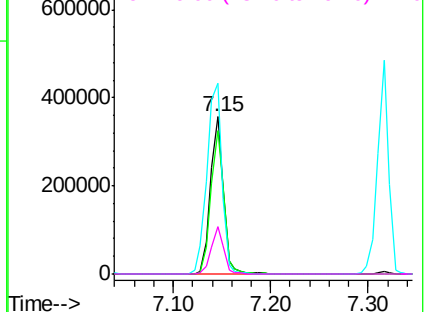
Abundance

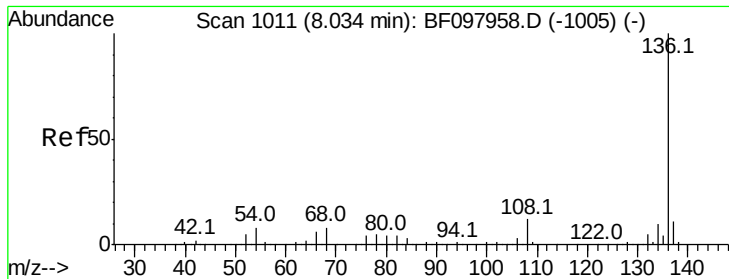
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

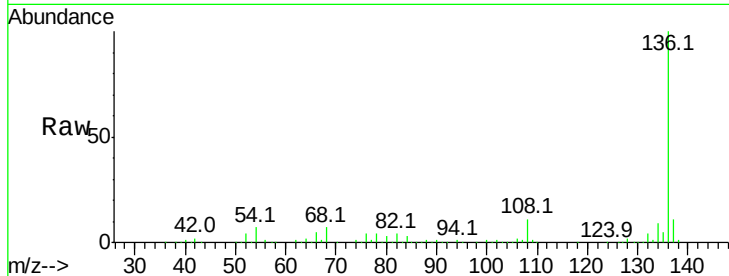




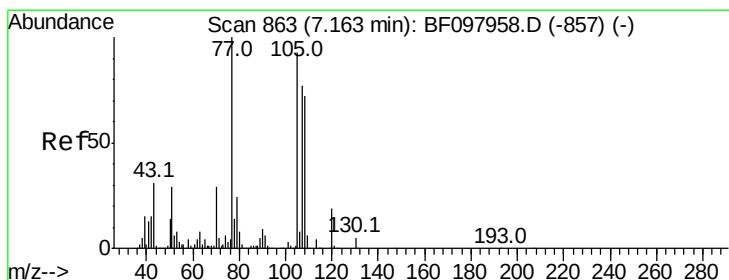
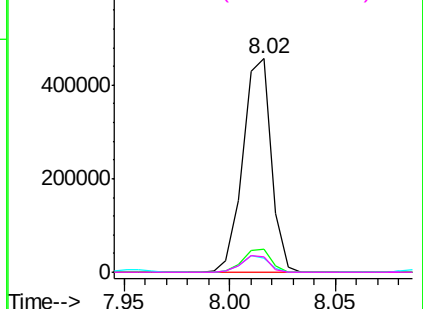
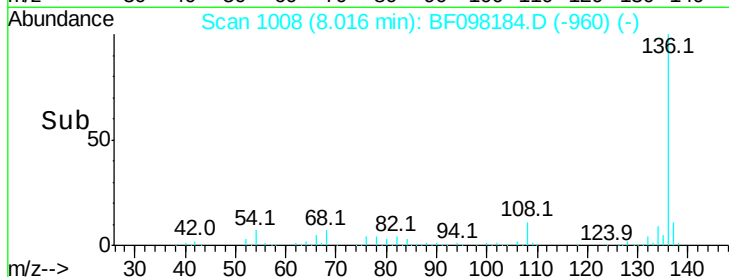
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	425431
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	7.0	4.1	6.1#

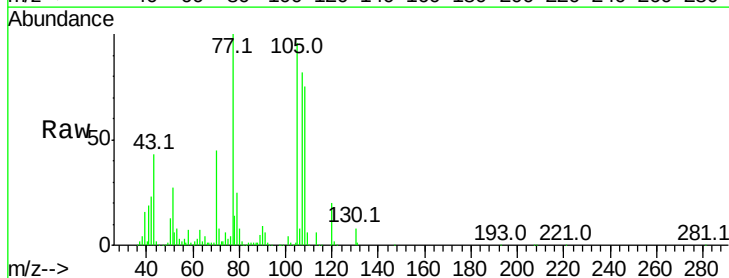


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

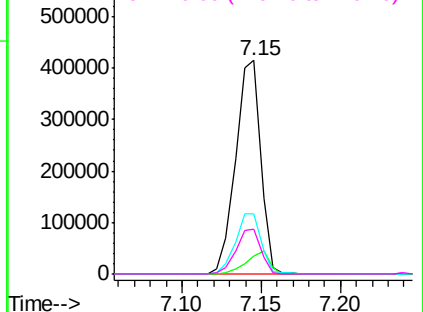
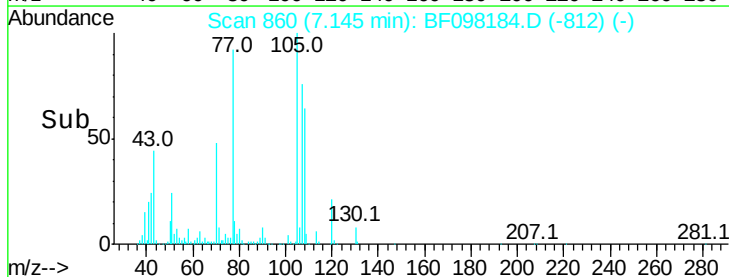


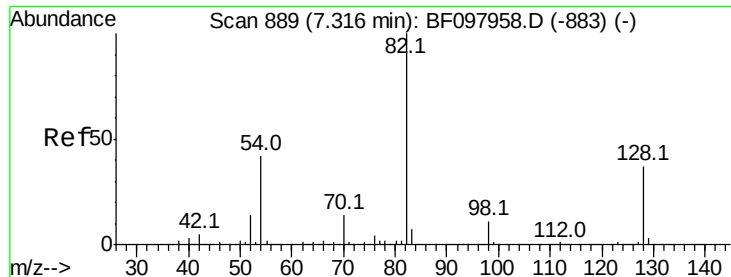
#22
Acetophenone
Concen: 40.492 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:	105	Resp:	455083
Ion Ratio	Lower	Upper	
105	100		
71	8.4	2.8	4.2#
51	28.0	30.7	46.1#
120	20.8	17.4	26.0



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

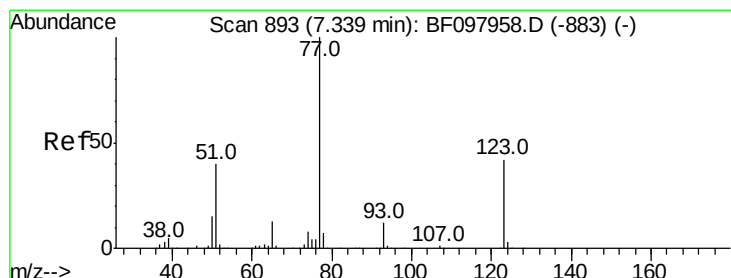
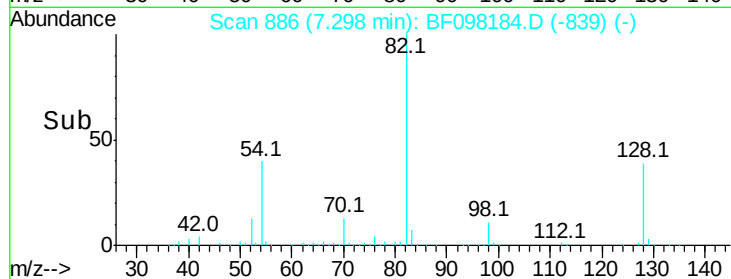
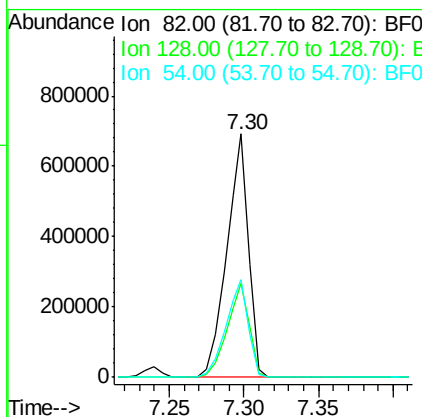
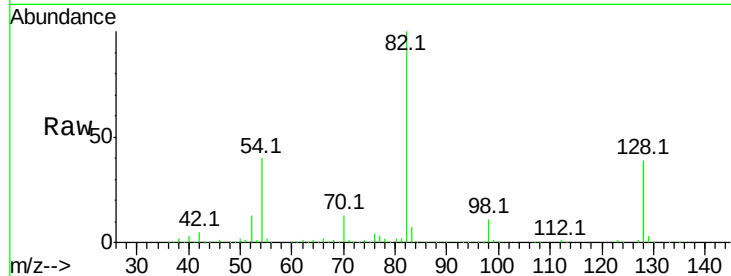




#23
Nitrobenzene-d5
Concen: 90.413 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

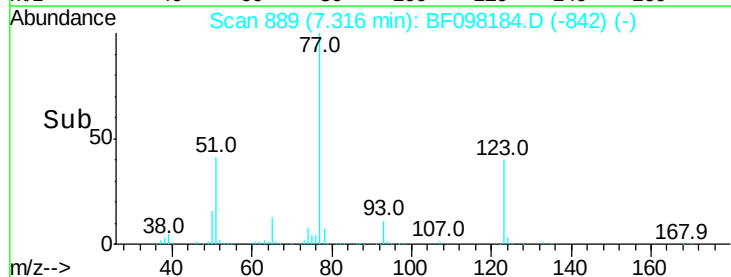
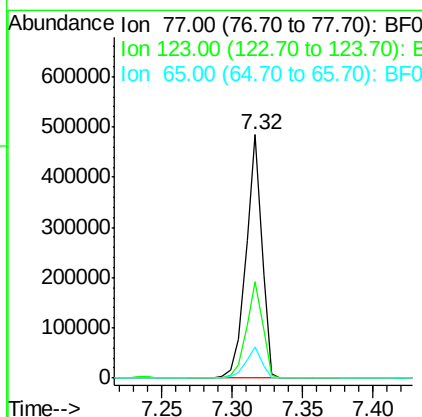
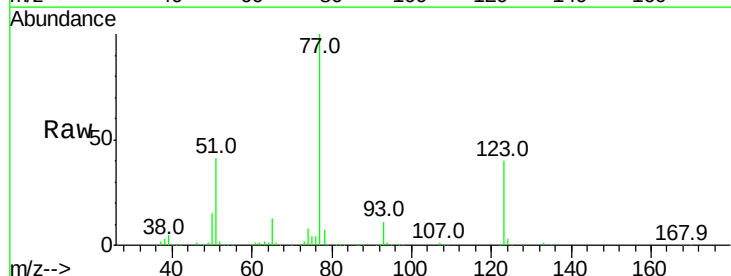
Instrument :
BNA_F
ClientSampleId :

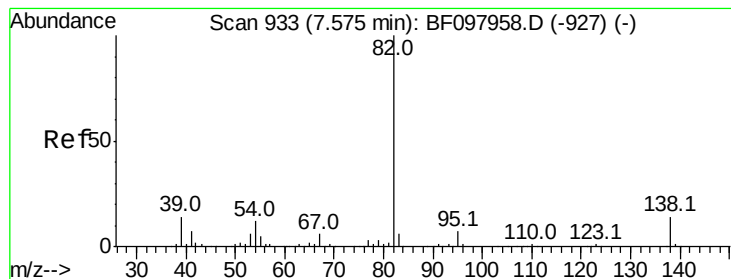
Tot Ion	82	Resp	708047
Ion Ratio	Lower	Upper	
82	100		
128	38.8	34.0	51.0
54	40.0	42.2	63.2#



#24
Nitrobenzene
Concen: 43.686 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion	77	Resp	380928
Ion Ratio	Lower	Upper	
77	100		
123	39.9	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 39.932 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

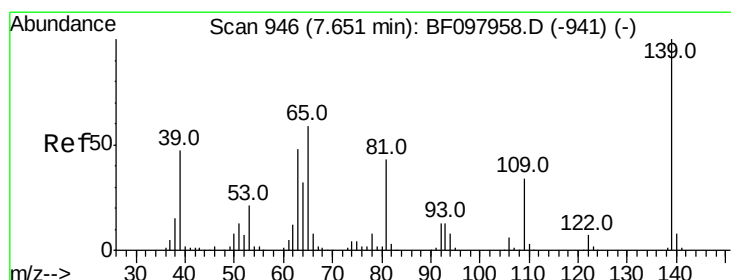
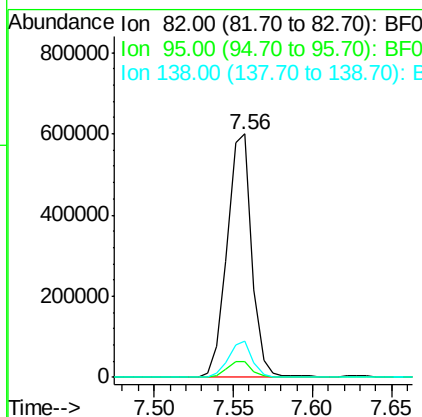
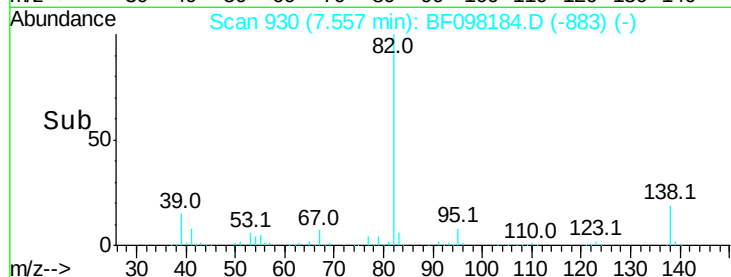
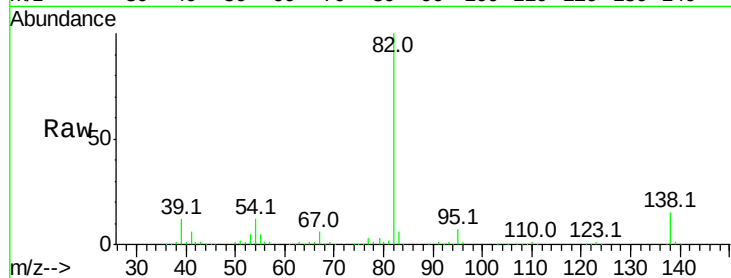
Tot Ion: 82 Resp: 650258

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 15.1 13.1 19.7



#26

2-Nitrophenol

Concen: 32.770 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

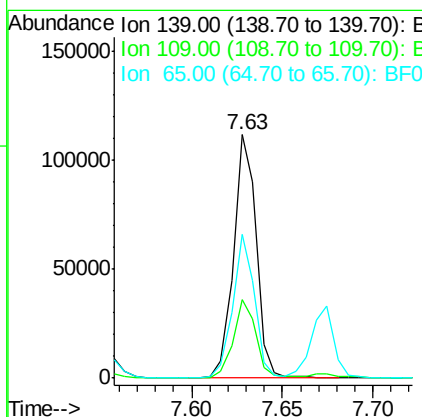
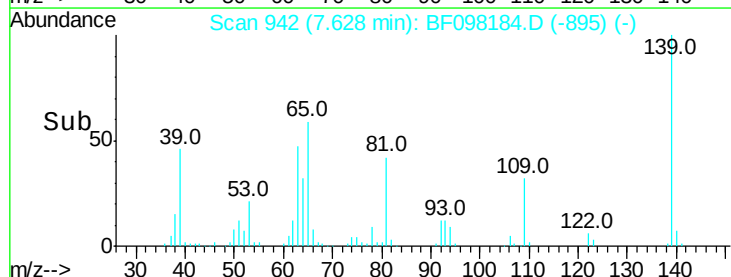
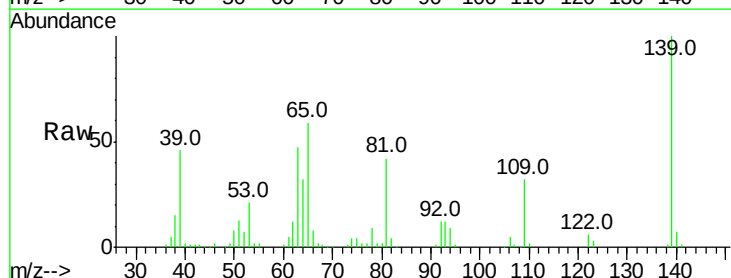
Tgt Ion:139 Resp: 97604

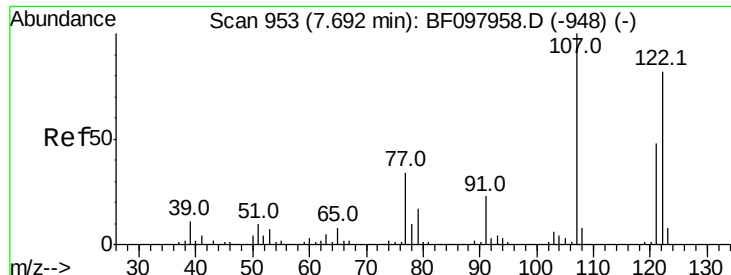
Ion Ratio Lower Upper

139 100

109 32.0 21.0 31.6#

65 59.1 33.0 49.6#

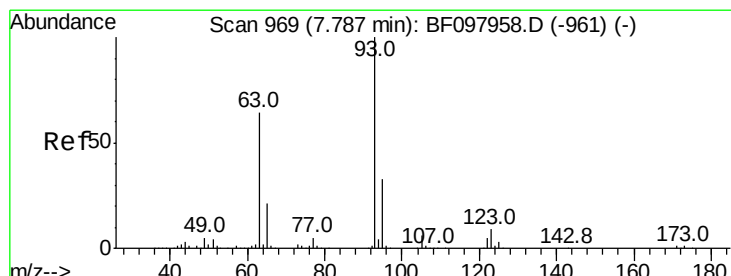
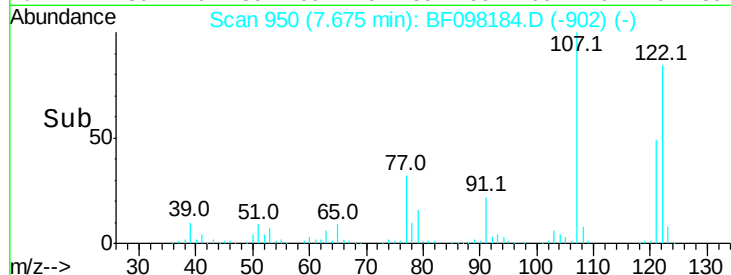
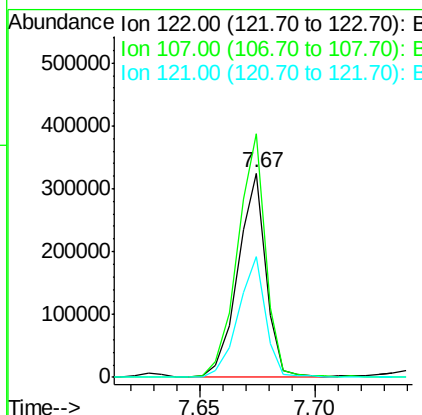
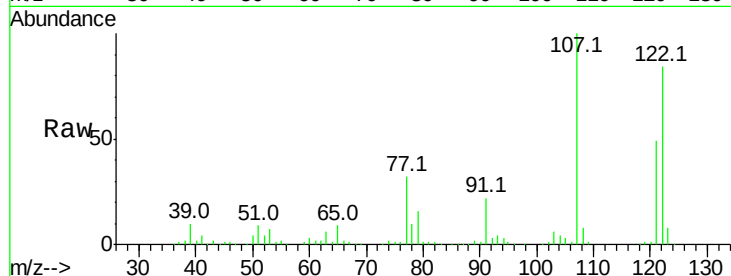




#27
 2,4-Dimethylphenol
 Concen: 40.638 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

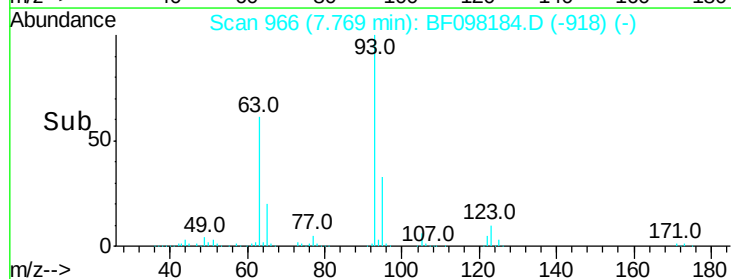
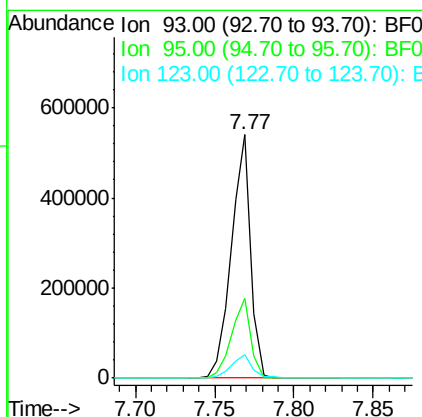
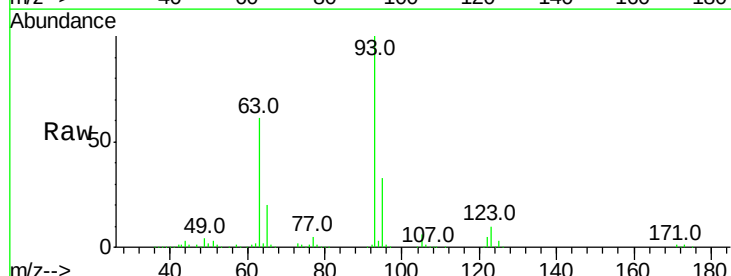
Instrument :
 BNA_F
 ClientSampleId :

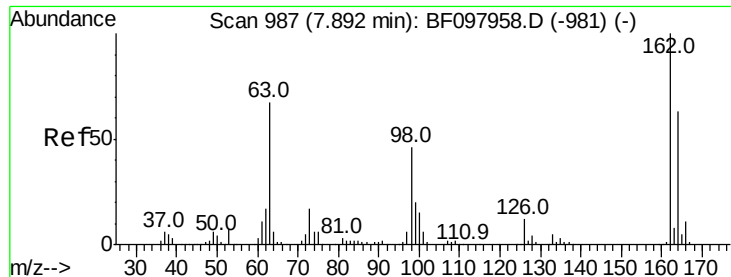
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	89.2	133.8
121	58.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.539 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	9.8	9.0	13.4

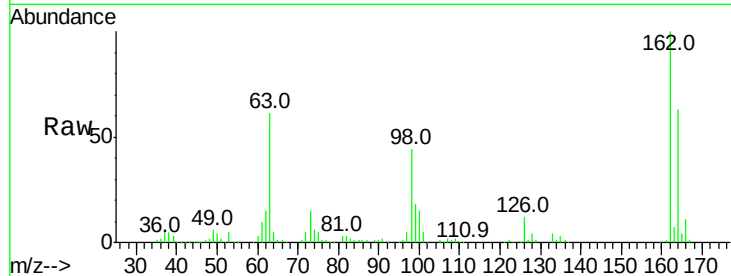




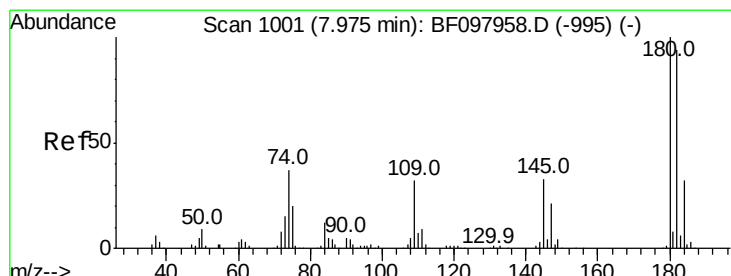
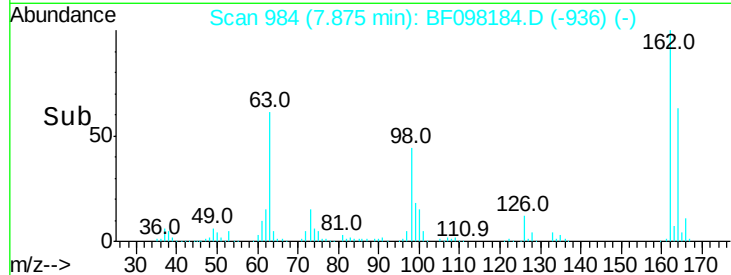
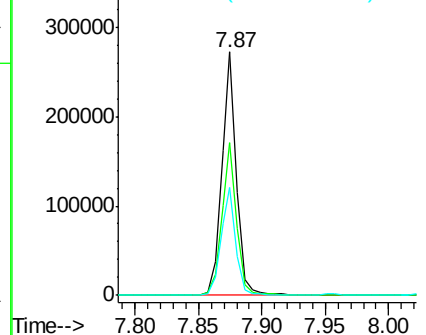
#29
 2,4-Dichlorophenol
 Concen: 39.242 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	221225
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.6	84.6
98	44.3	14.8	54.8

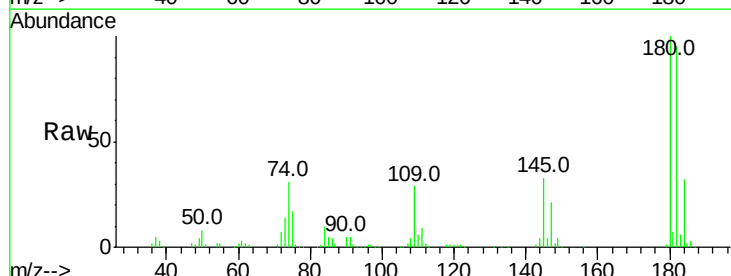


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

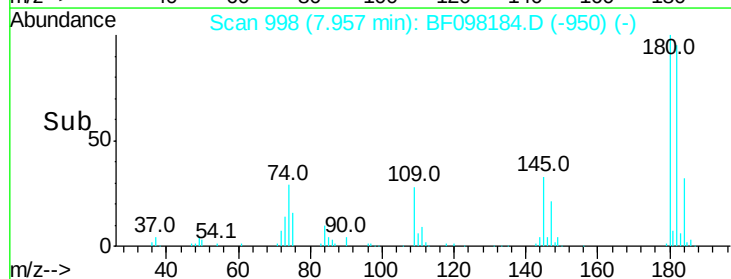
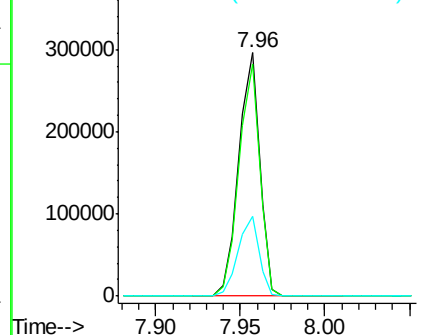


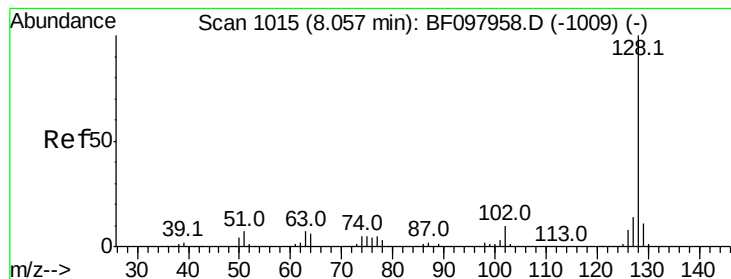
#30
 1,2,4-Trichlorobenzene
 Concen: 40.923 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:	180	Resp:	255751
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.6
145	33.0	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: 39.832 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

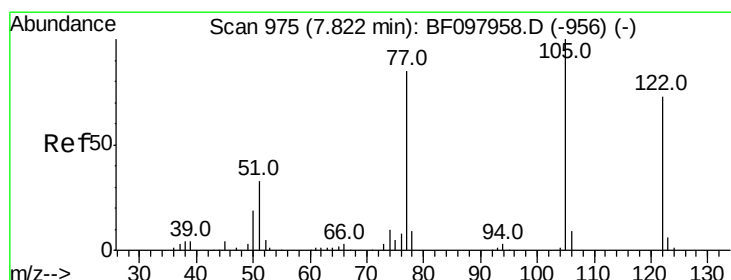
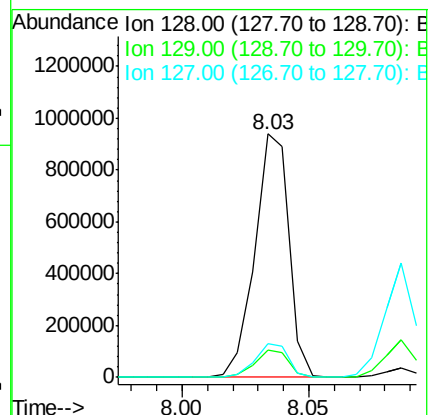
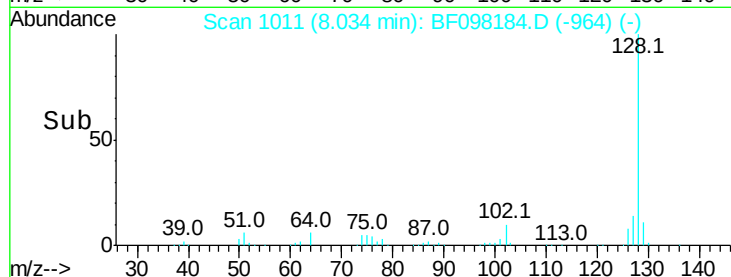
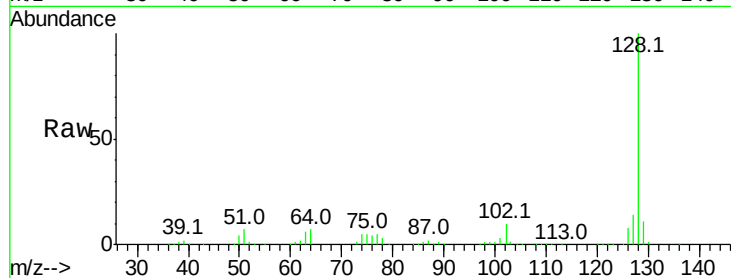
Tot Ion:128 Resp: 879731

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 20.915 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

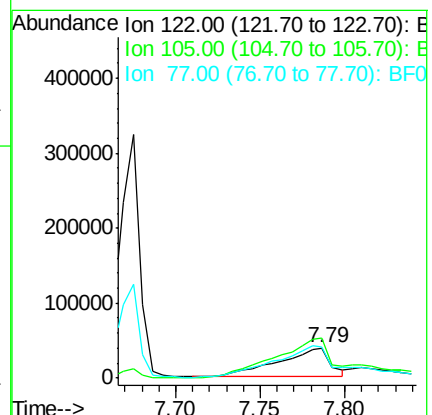
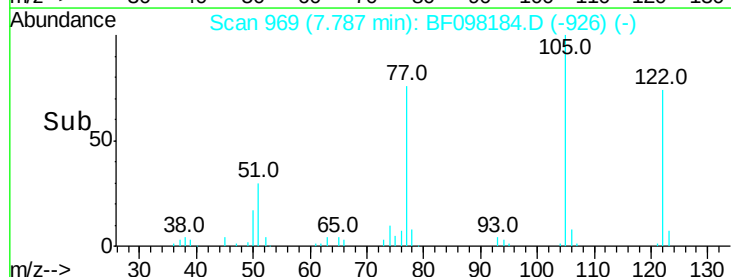
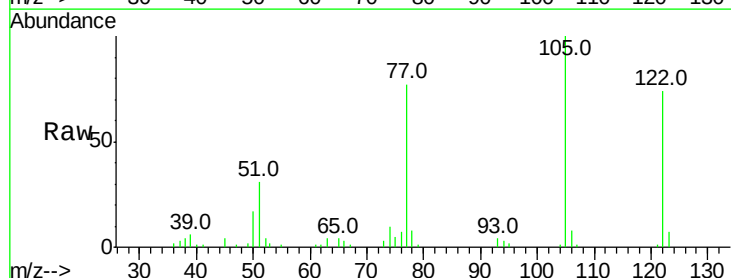
Tgt Ion:122 Resp: 82855

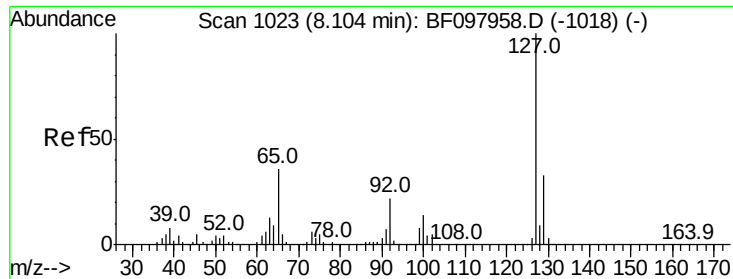
Ion Ratio Lower Upper

122 100

105 134.7 103.3 143.3

77 104.2 73.7 113.7

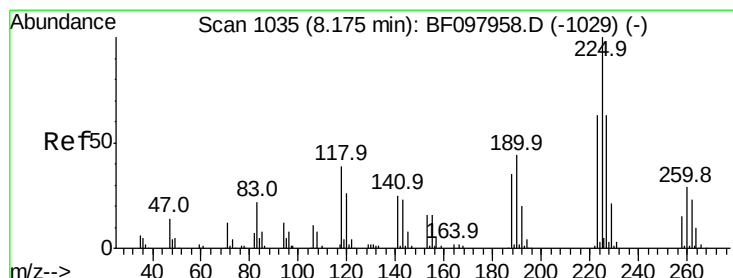
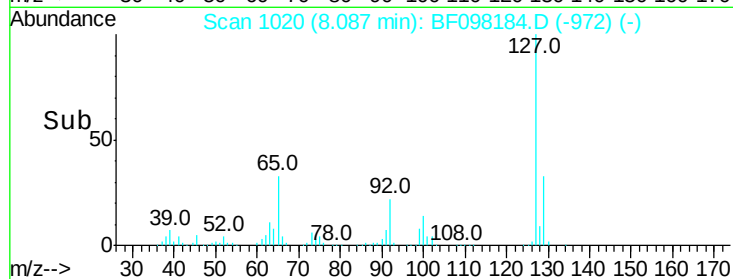
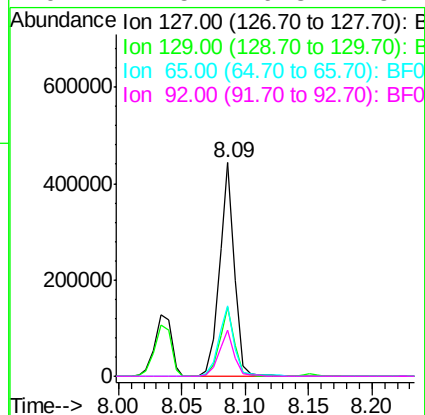
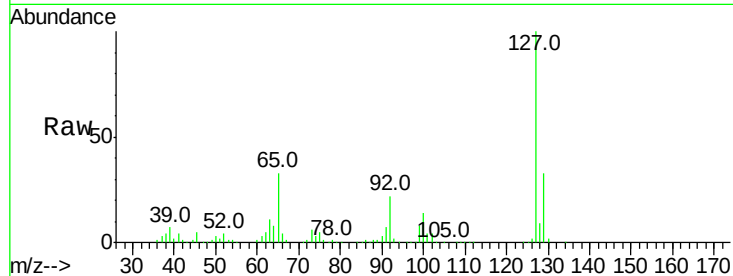




#33
4-Chloroaniline
Concen: 39.278 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

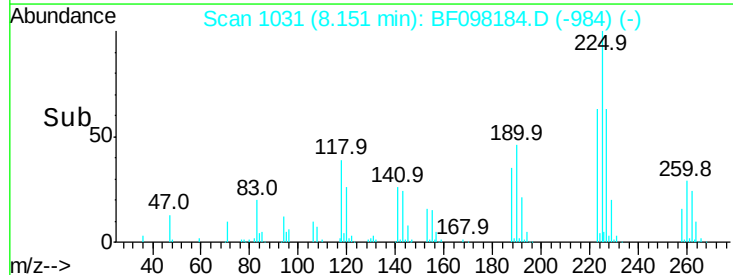
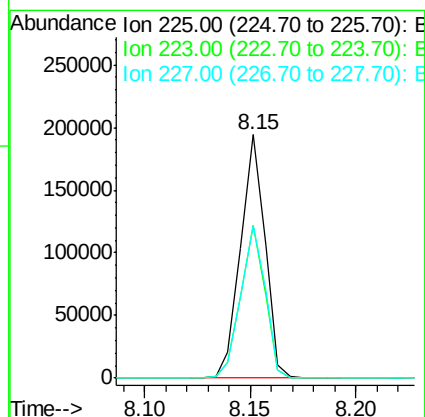
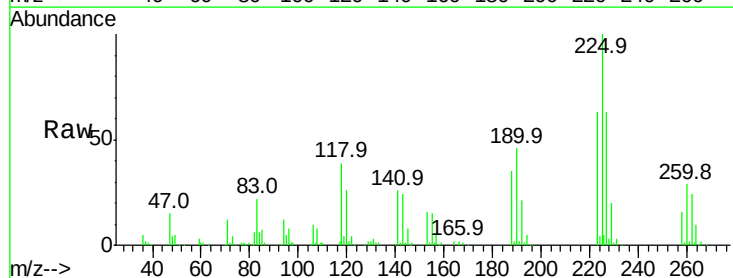
Instrument :
BNA_F
ClientSampleId :

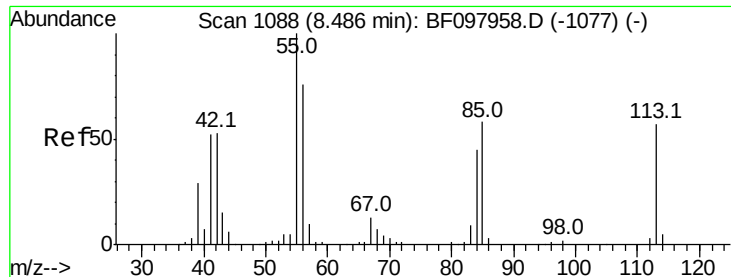
Tot Ion:	127	Resp:	365862
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.2	27.8	41.8
92	21.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.517 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:	225	Resp:	155138
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	63.0	51.1	76.7

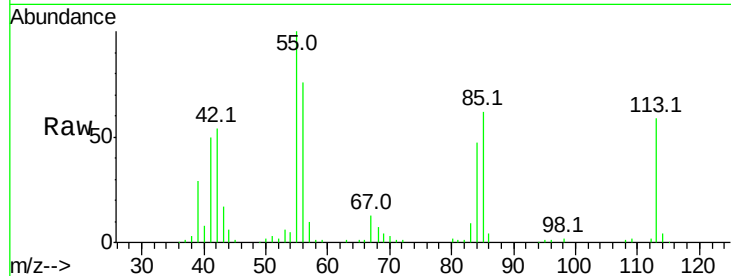




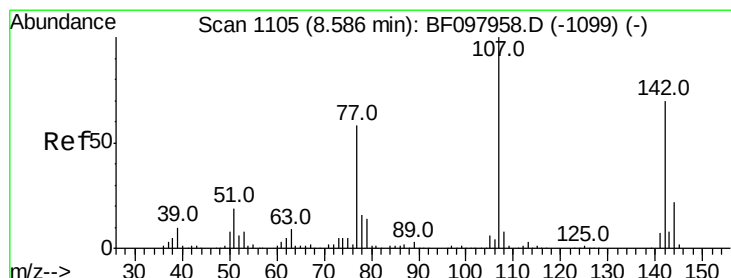
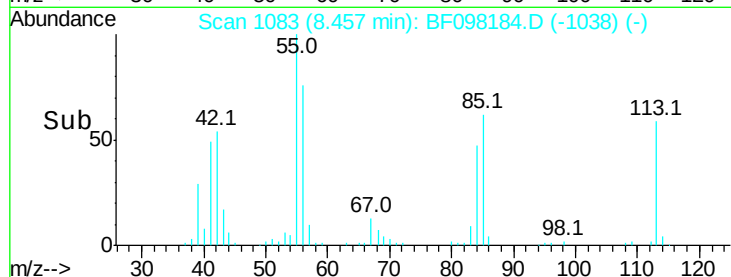
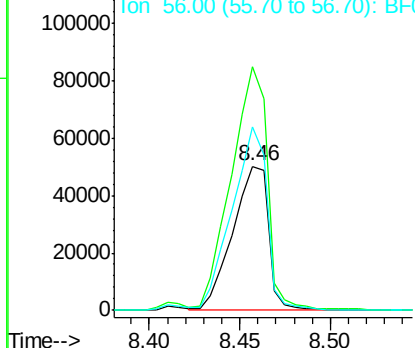
#35
 Caprolactam
 Concen: 36.070 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 69128
 Ion Ratio Lower Upper
 113 100
 55 168.8 150.2 190.2
 56 127.6 107.8 147.8

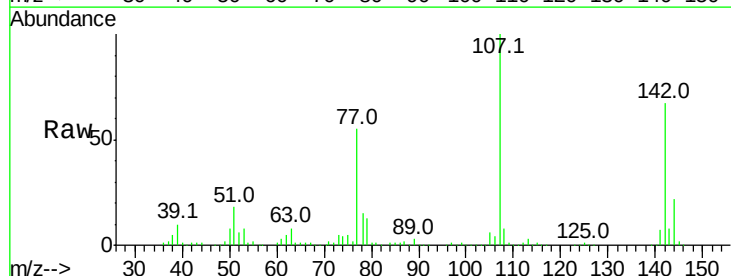


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

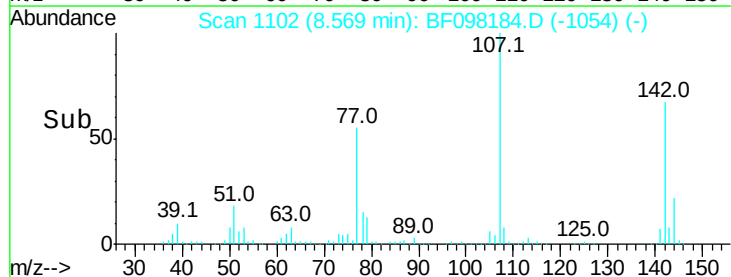
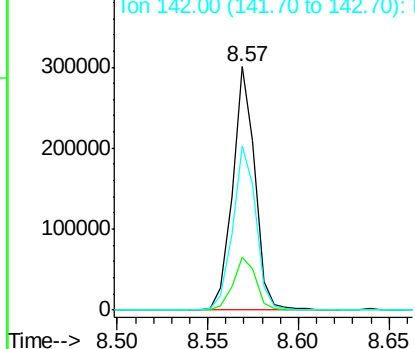


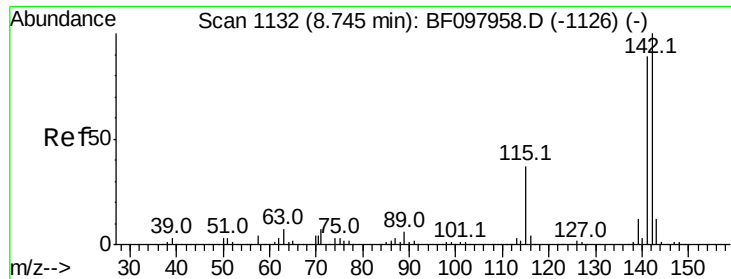
#36
 4-Chloro-3-methylphenol
 Concen: 35.677 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:107 Resp: 258412
 Ion Ratio Lower Upper
 107 100
 144 21.8 24.2 36.4#
 142 67.2 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

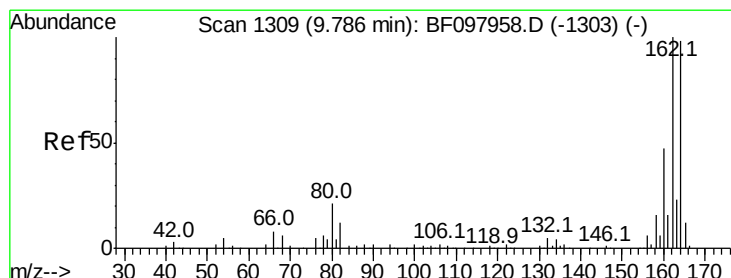
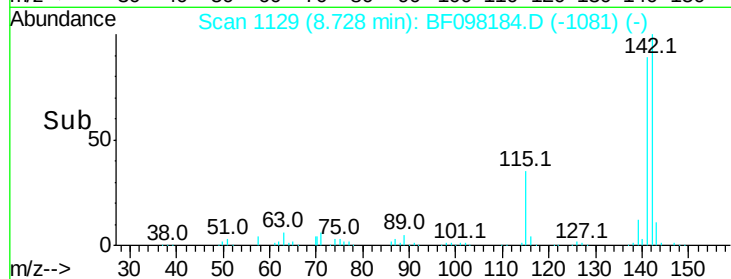
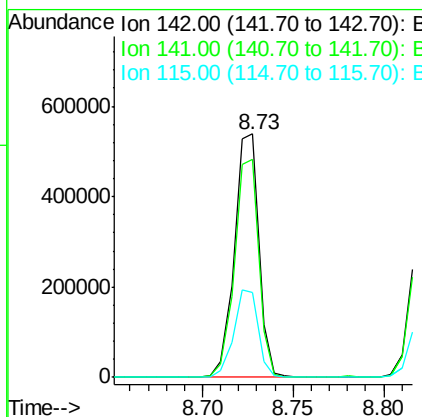
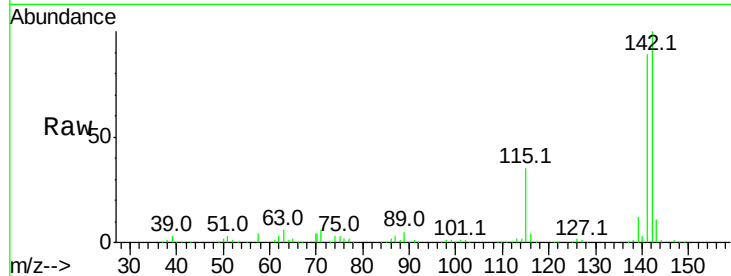




#37
 2-Methylnaphthalene
 Concen: 37.483 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

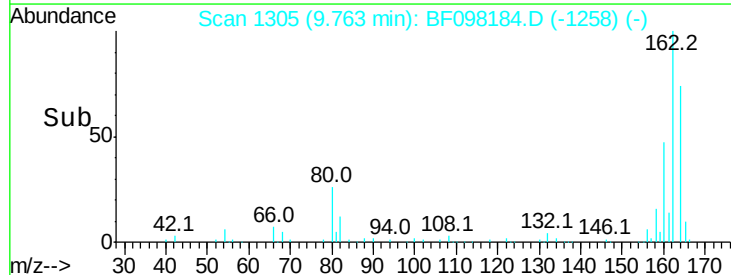
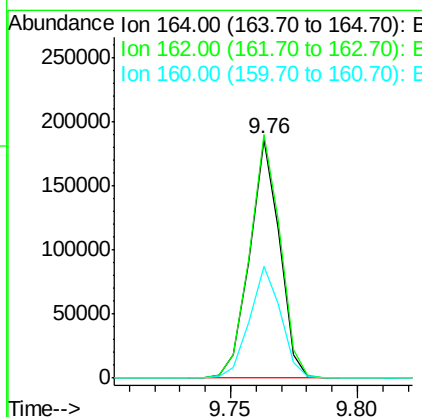
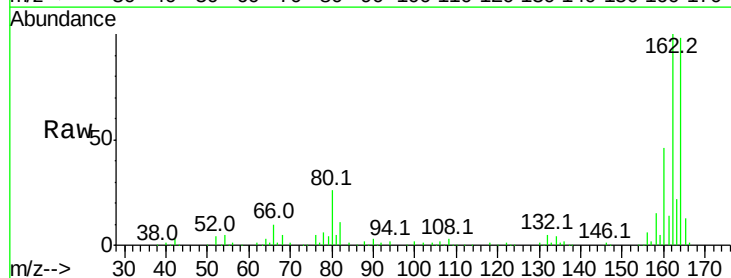
Instrument :
 BNA_F
 ClientSampleId :

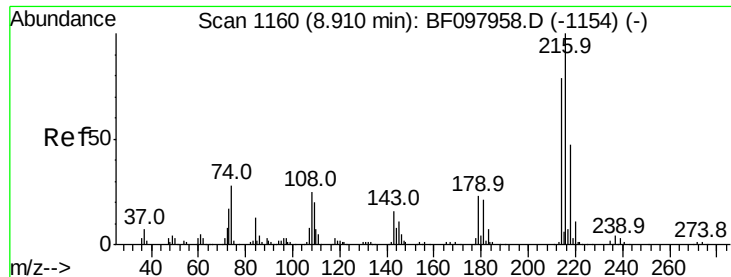
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	35.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	46.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.142 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 221493

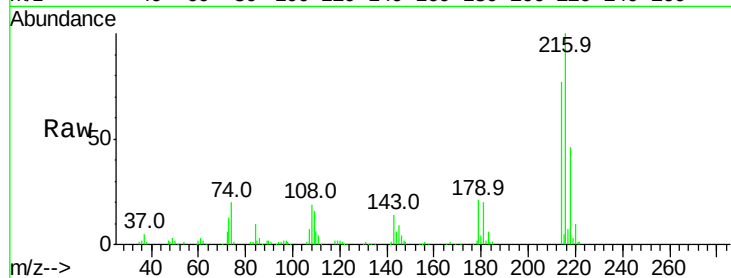
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.5 17.9 26.9

108 21.1 16.5 24.7

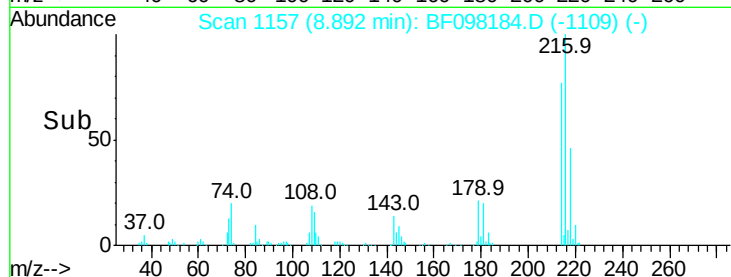


Abundance Ion 216.00 (215.70 to 216.70): E

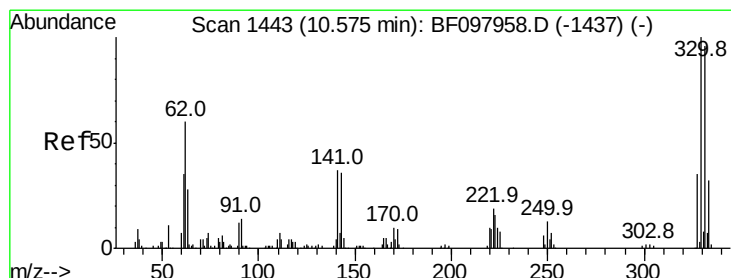
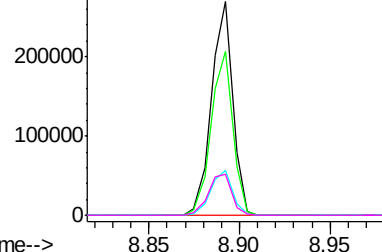
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 73.958 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

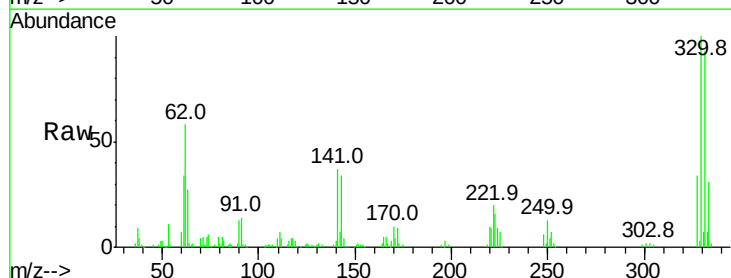
Tgt Ion:330 Resp: 98243

Ion Ratio Lower Upper

330 100

332 94.1 76.6 115.0

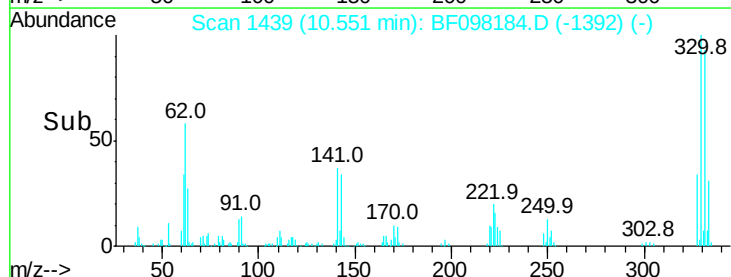
141 39.7 31.4 47.2



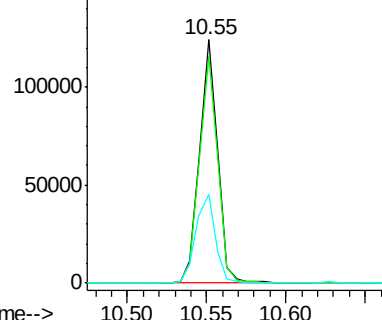
Abundance Ion 329.80 (329.50 to 330.50): E

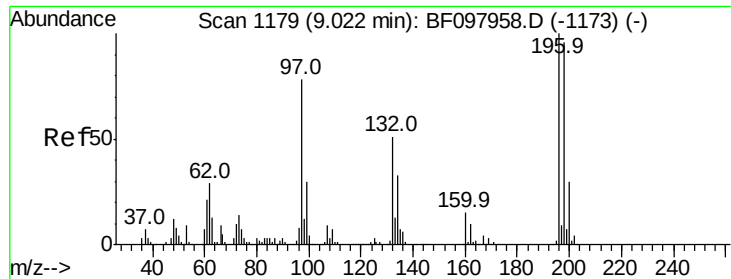
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#42

2,4,6-Trichlorophenol

Concen: 41.536 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

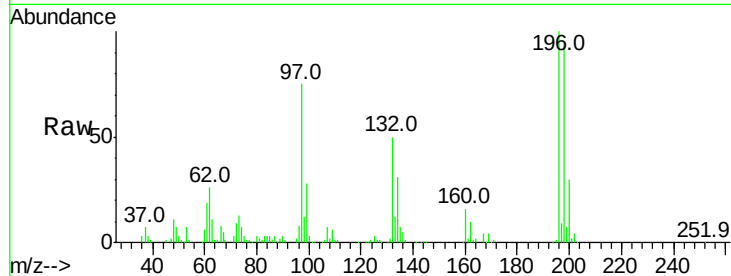
Tot Ion:196 Resp: 131021

Ion Ratio Lower Upper

196 100

198 93.9 74.2 111.4

200 30.2 24.0 36.0

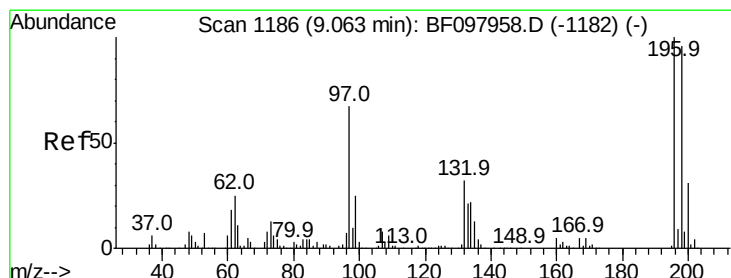
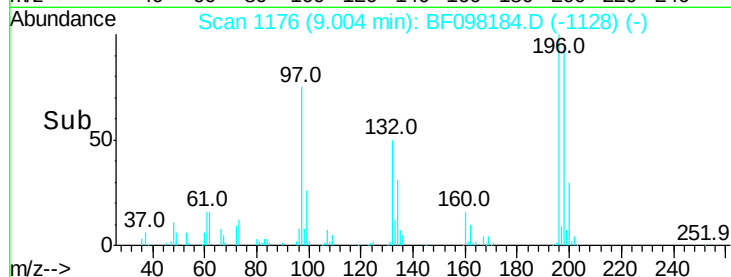
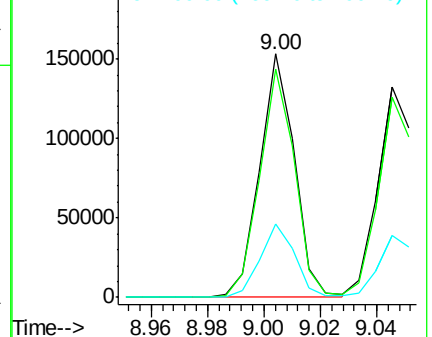


Abundance

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: 40.434 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Tgt Ion:196 Resp: 126536

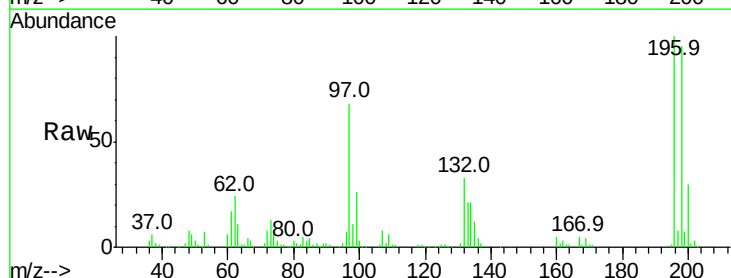
Ion Ratio Lower Upper

196 100

198 94.7 75.7 113.5

97 67.5 47.7 71.5

132 32.6 28.0 42.0



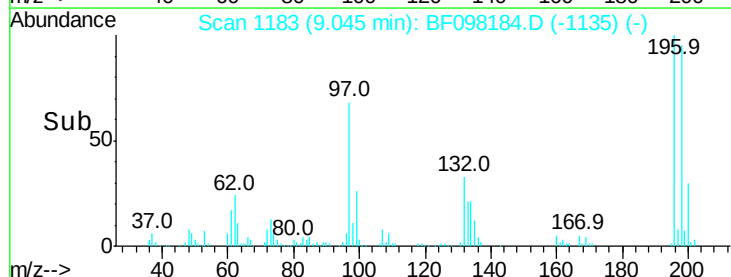
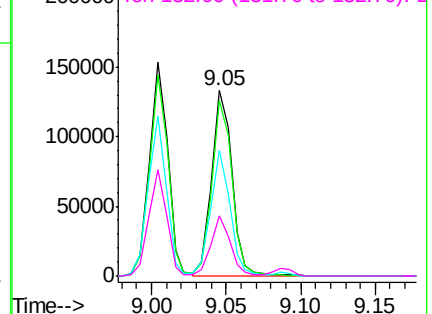
Abundance

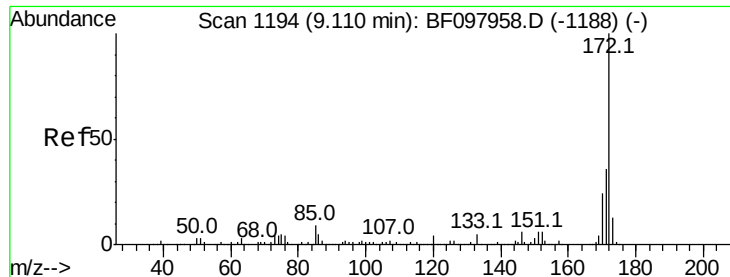
Ion 196.00 (195.70 to 196.70): E

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

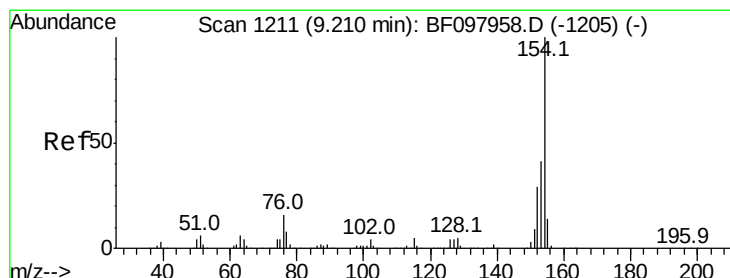
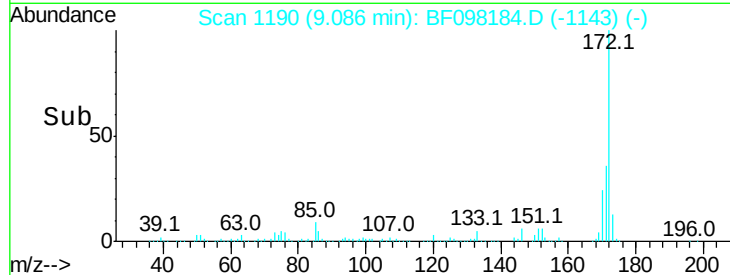
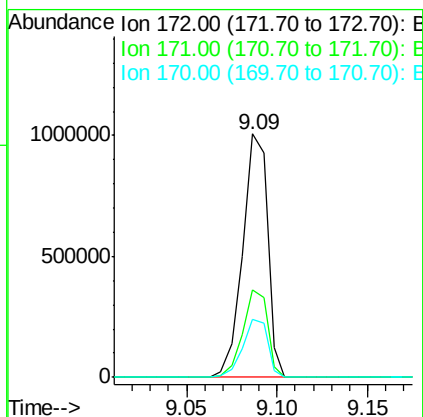
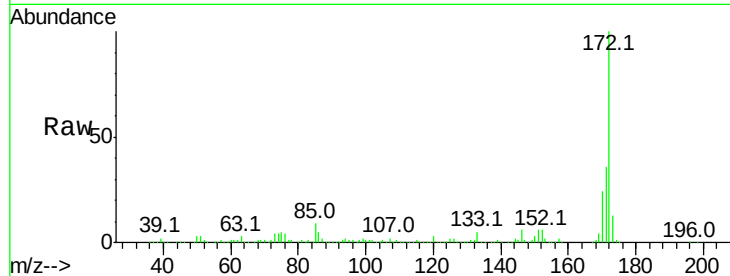




#44
 2-Fluorobiphenyl
 Concen: 92.426 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

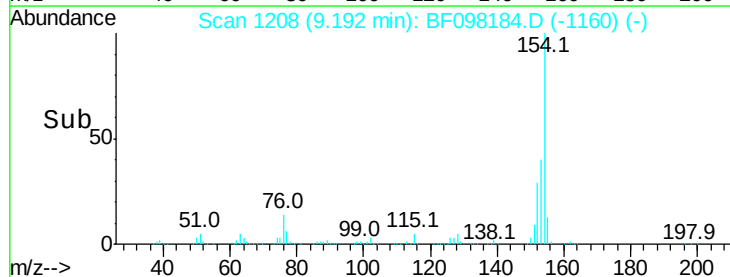
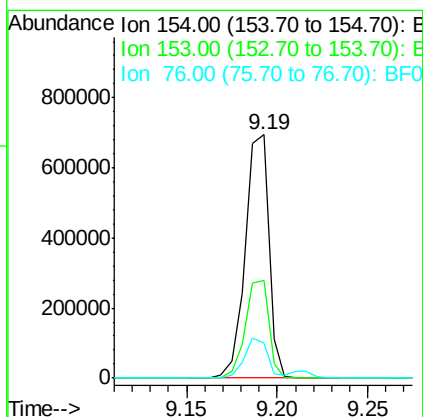
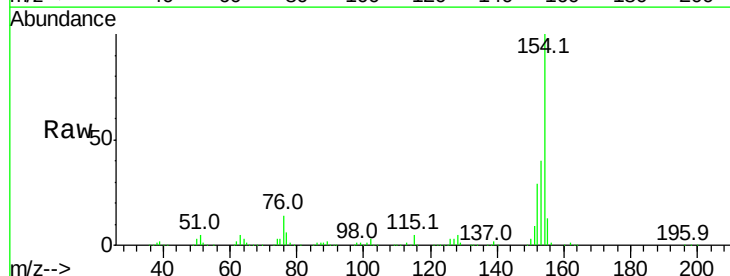
Instrument :
 BNA_F
 ClientSampled :

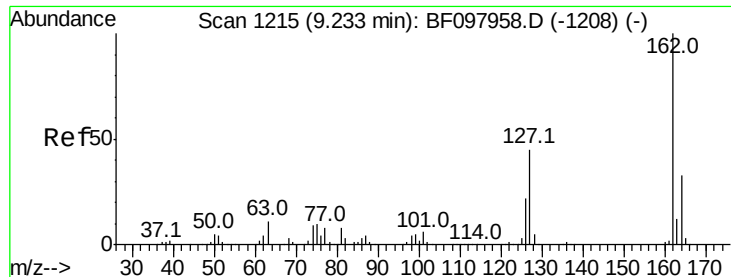
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8



#45
 1,1'-Biphenyl
 Concen: 44.985 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	14.4	0.0	29.9

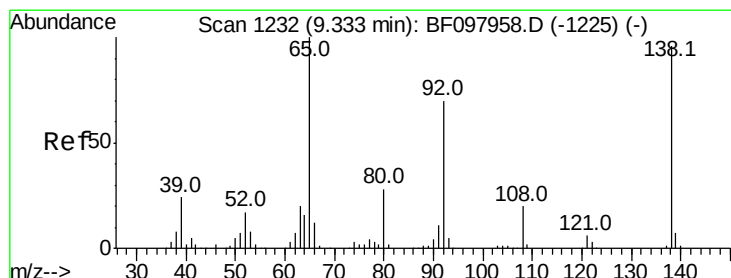
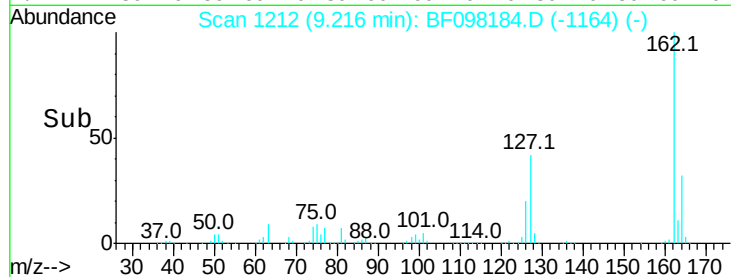
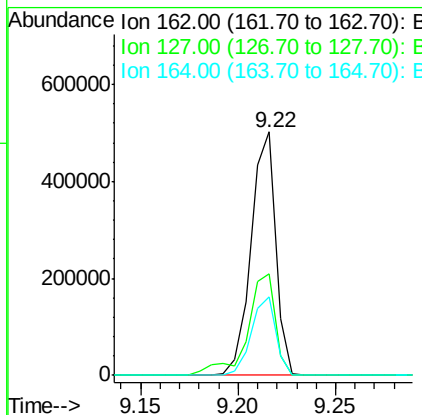
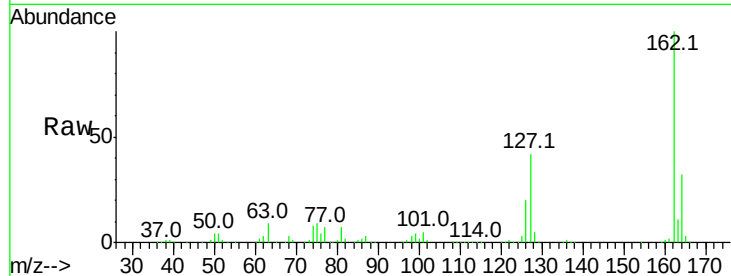




#46
 2-Chloronaphthalene
 Concen: 42.667 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

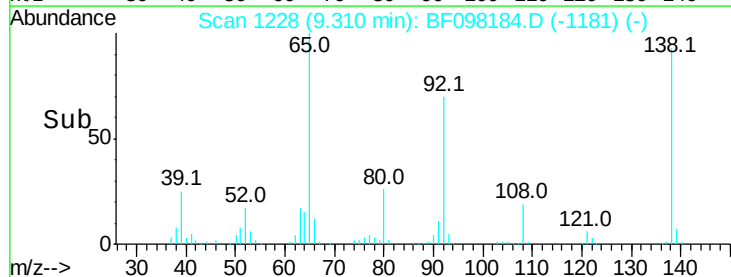
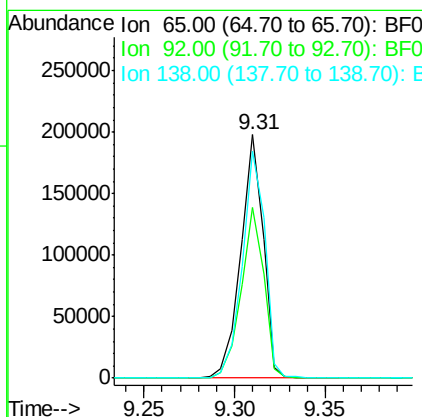
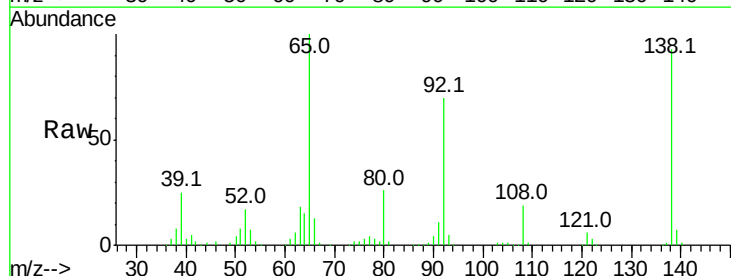
Instrument :
 BNA_F
 ClientSampleId :

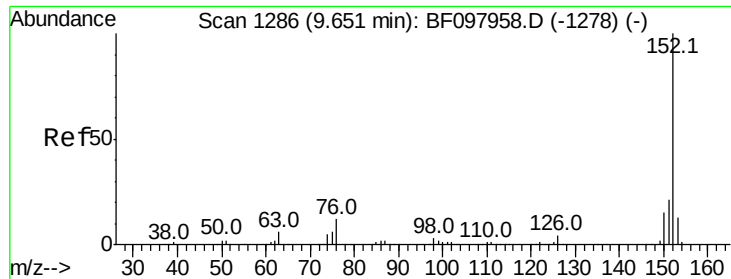
Tot Ion:162 Resp: 440129
 Ion Ratio Lower Upper
 162 100
 127 41.6 28.3 42.5
 164 32.4 27.0 40.4



#47
 2-Nitroaniline
 Concen: 49.249 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion: 65 Resp: 170311
 Ion Ratio Lower Upper
 65 100
 92 69.9 53.9 80.9
 138 93.2 78.8 118.2





#48

Acenaphthylene

Concen: 40.575 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

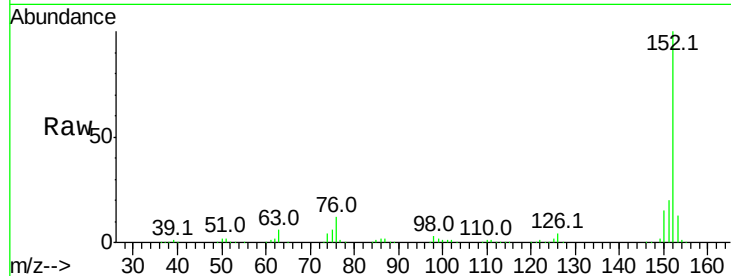
Tot Ion:152 Resp: 657268

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

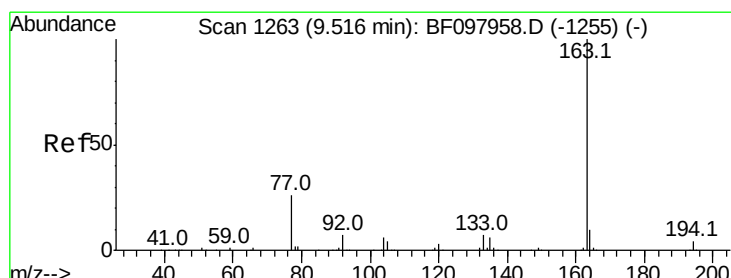
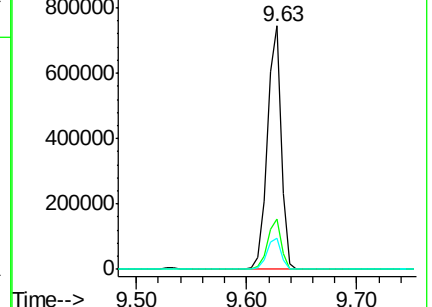
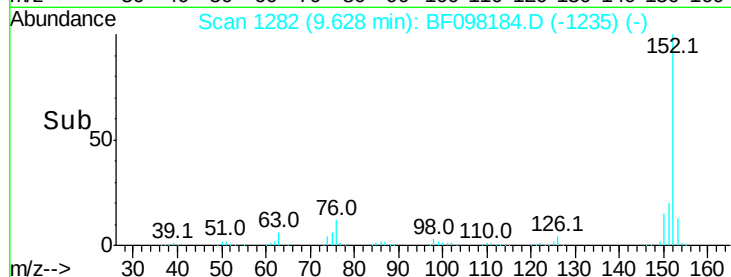
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.208 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

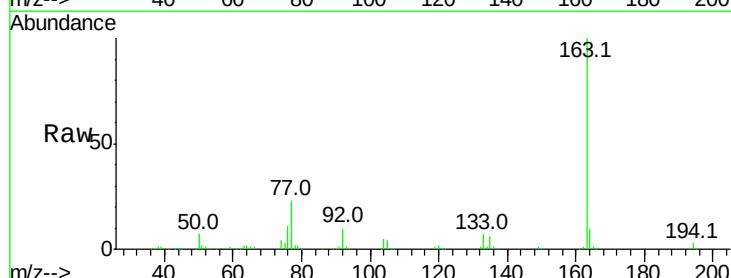
Tgt Ion:163 Resp: 517103

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

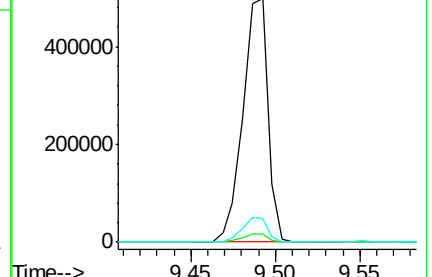
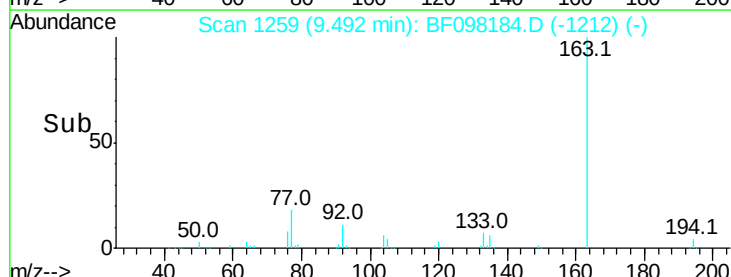
164 9.6 8.4 12.6

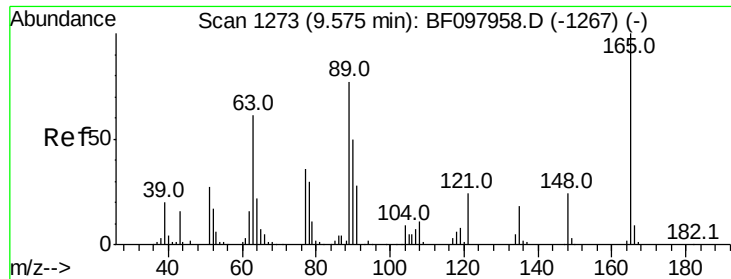


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 37.837 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

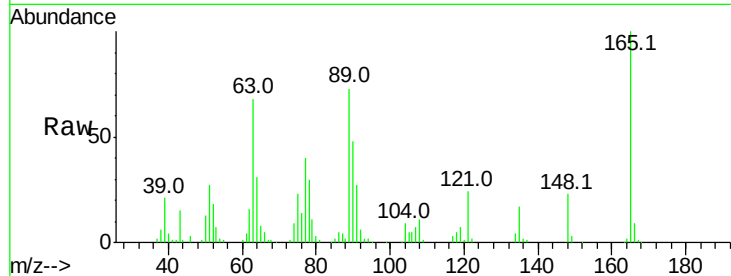
Tot Ion:165 Resp: 84521

Ion Ratio Lower Upper

165 100

63 68.2 34.3 51.5#

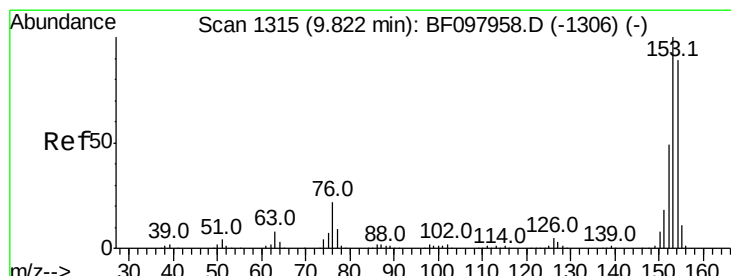
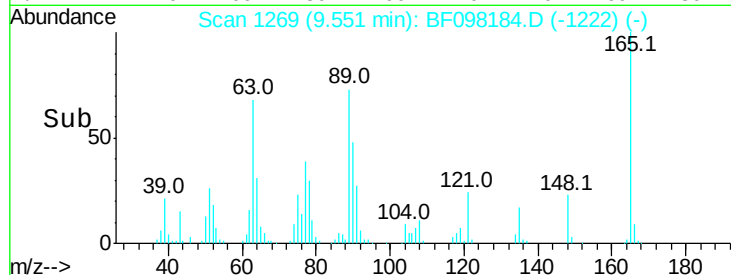
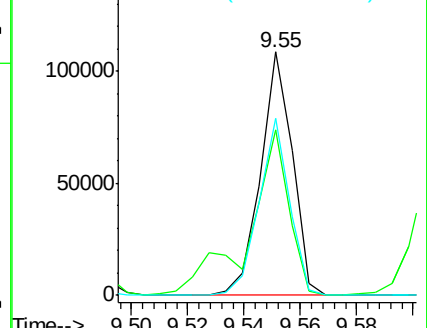
89 73.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 37.544 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

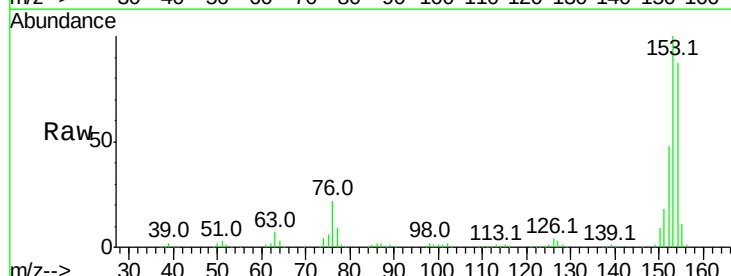
Tgt Ion:154 Resp: 383561

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

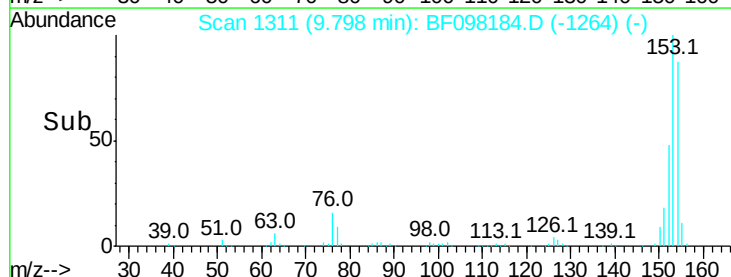
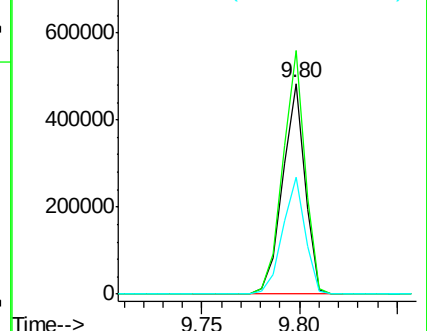
152 55.5 43.6 65.4

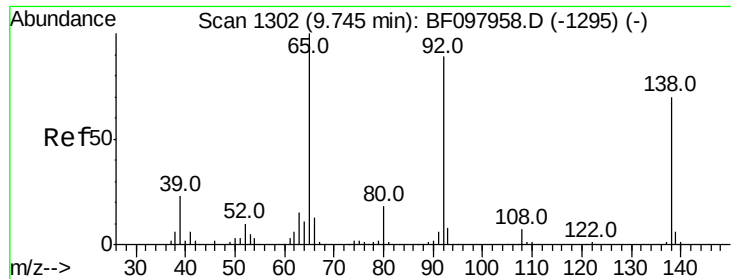


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

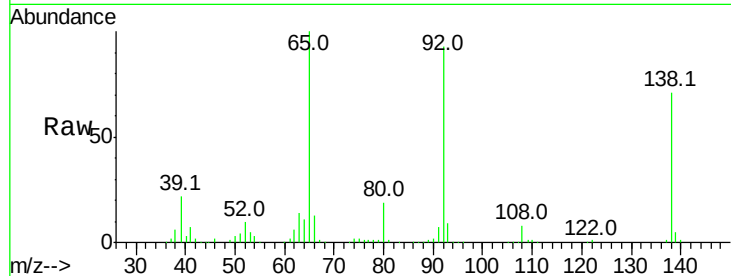




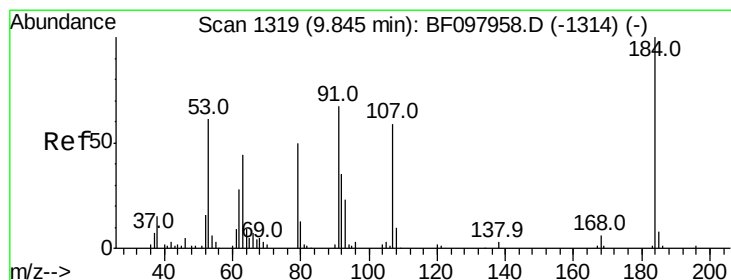
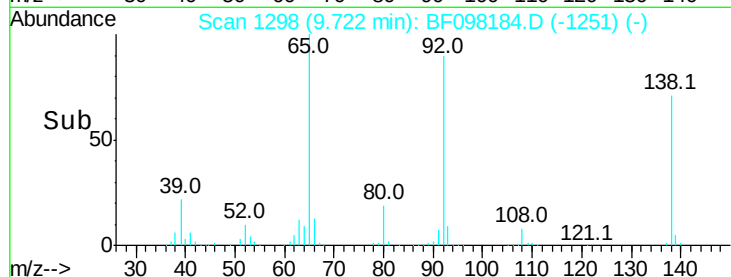
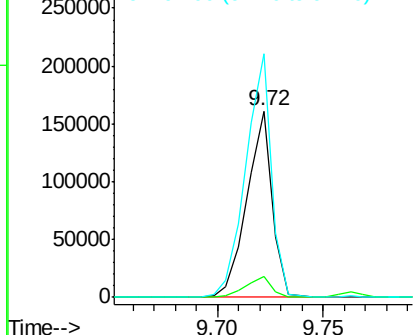
#52
3-Nitroaniline
Concen: 46.507 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 134034
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 130.9 93.8 140.6

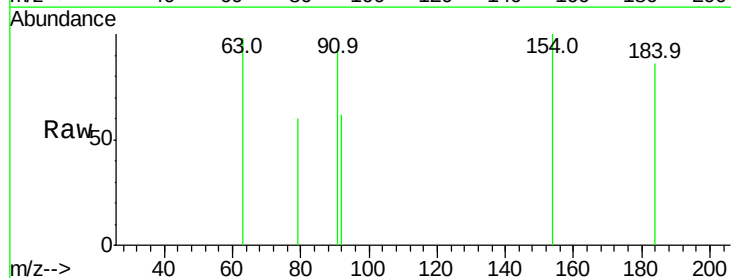


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

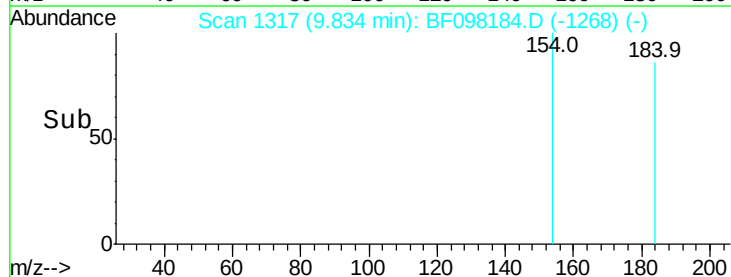
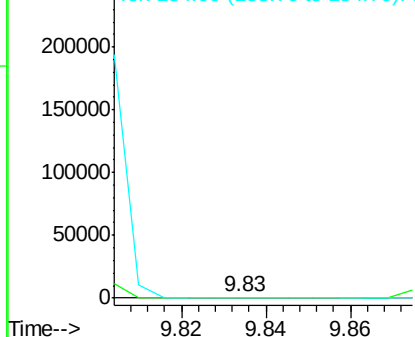


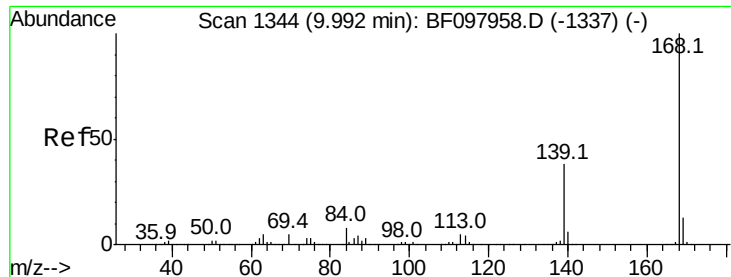
#53
2,4-Dinitrophenol
Concen: 10.510 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:184 Resp: 448
Ion Ratio Lower Upper
184 100
63 112.9 62.7 94.1#
154 115.6 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

Dibenzenofuran

Concen: 38.930 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

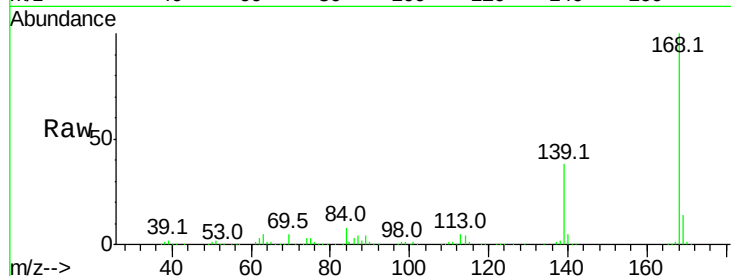
Tot Ion:168 Resp: 533035

Ion Ratio Lower Upper

168 100

139 37.6 30.6 45.8

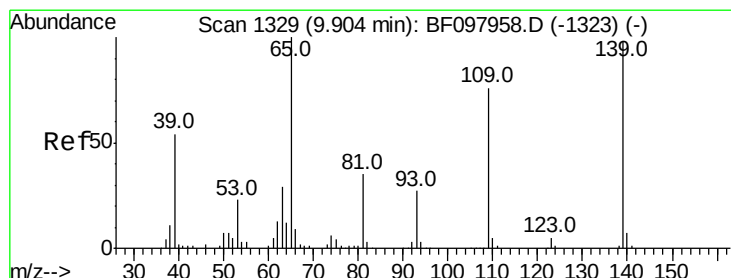
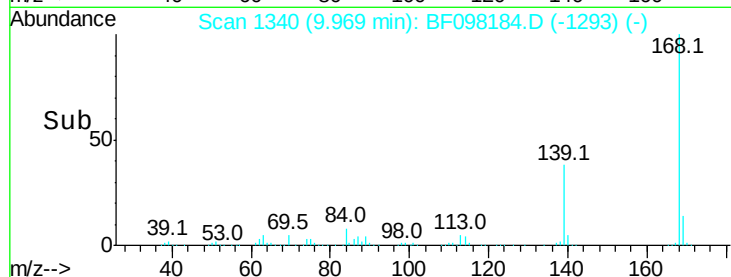
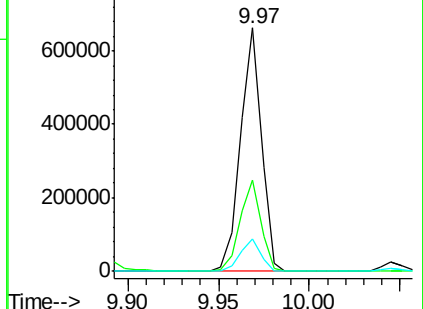
169 13.6 10.8 16.2



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: 28.499 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

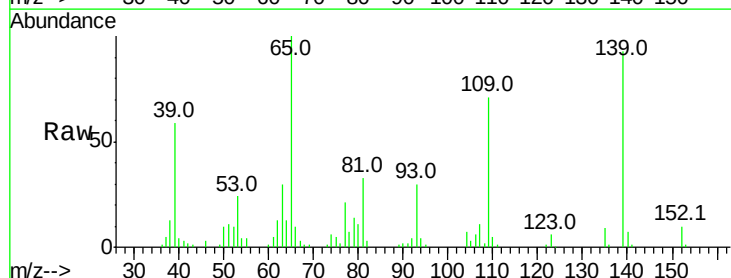
Tgt Ion:139 Resp: 65521

Ion Ratio Lower Upper

139 100

109 76.8 34.1 74.1#

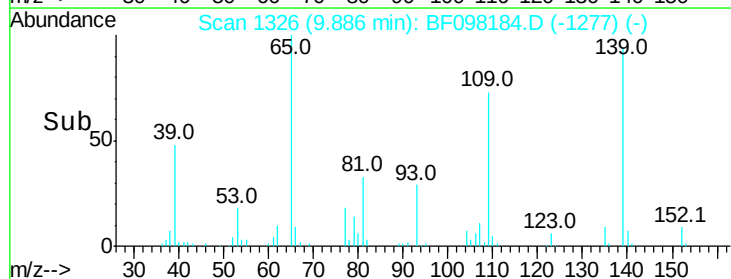
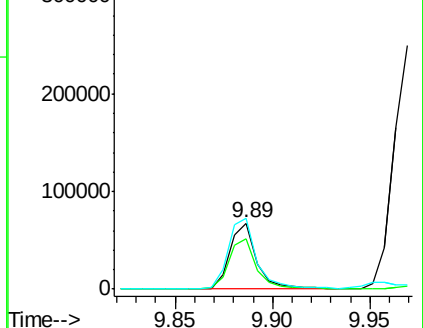
65 107.9 31.4 71.4#

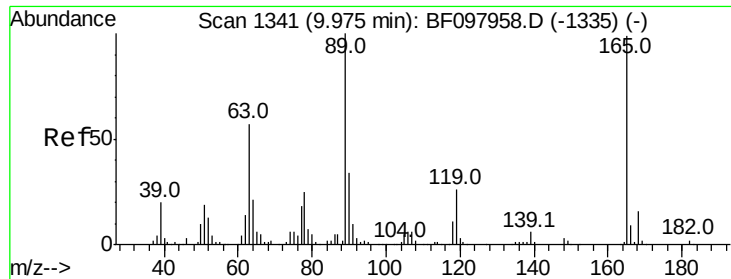


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

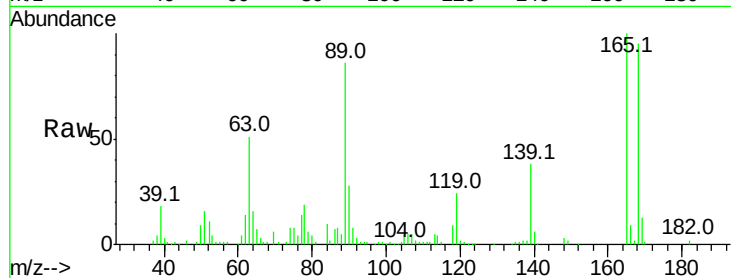




#56
 2,4-Dinitrotoluene
 Concen: 32.211 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	25.4	38.0#
89	86.5	46.4	69.6#
182	2.1	1.8	2.6

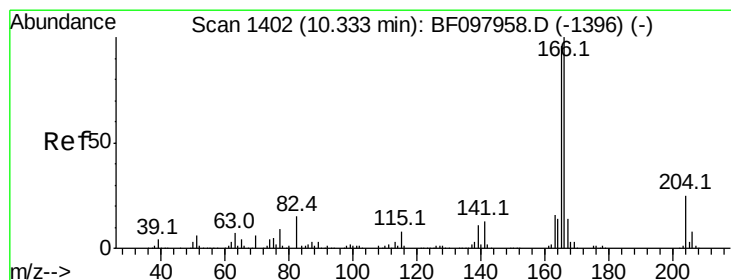
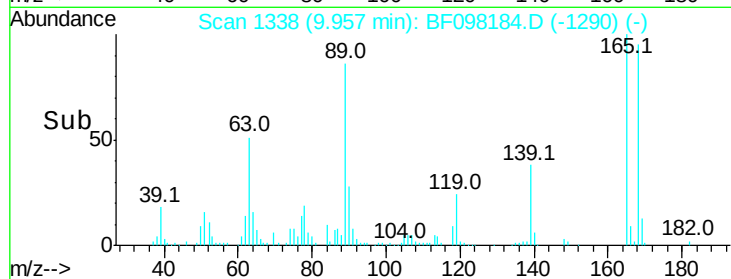
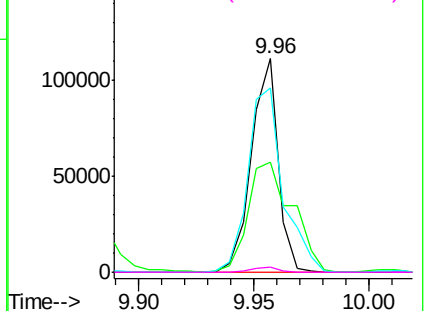


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

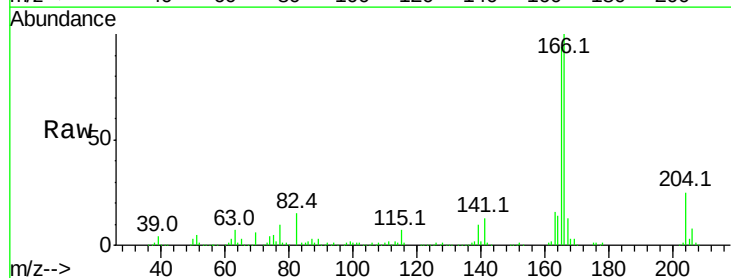
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 38.470 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

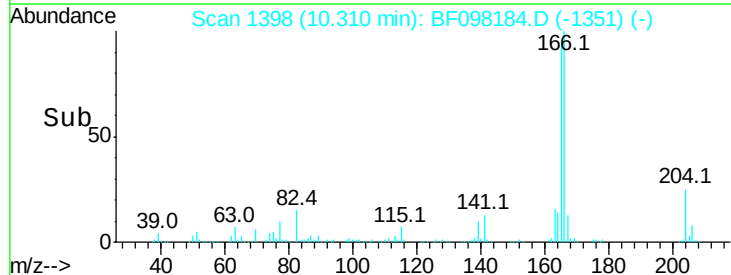
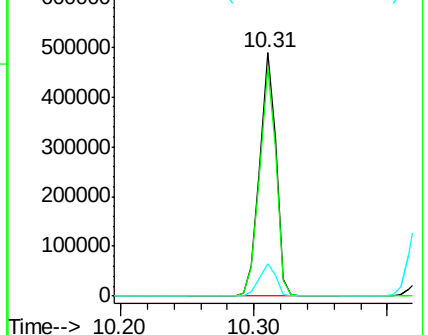
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	78.8	118.2
167	13.5	10.6	16.0

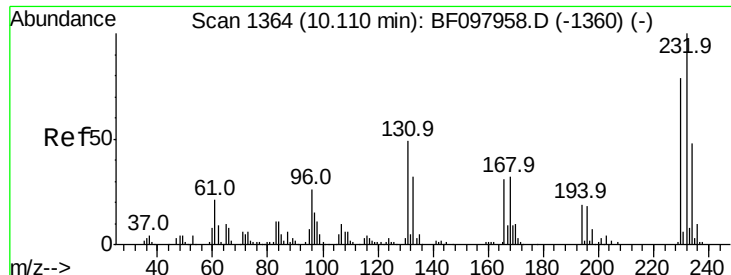


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 36.087 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 87436

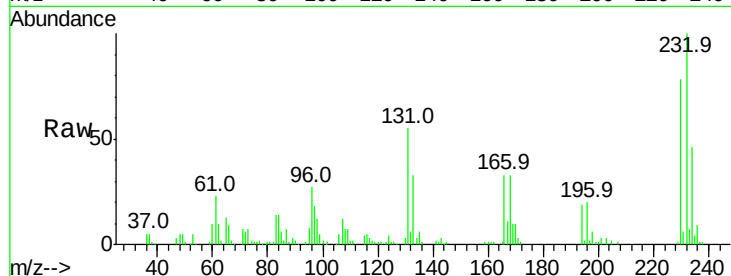
Ion Ratio Lower Upper

232 100

131 49.7 44.8 67.2

130 2.4 2.3 3.5

166 30.4 29.0 43.4

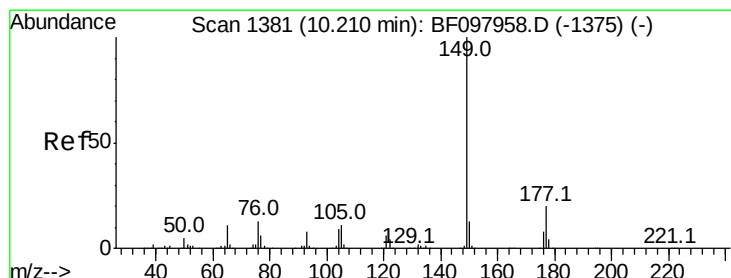
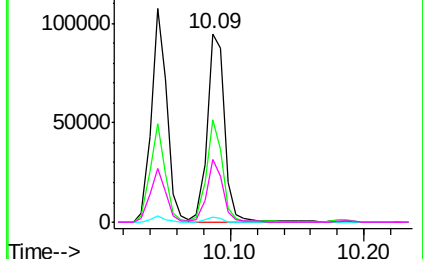
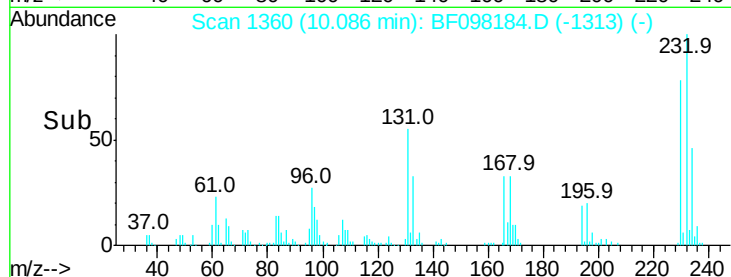


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 42.064 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

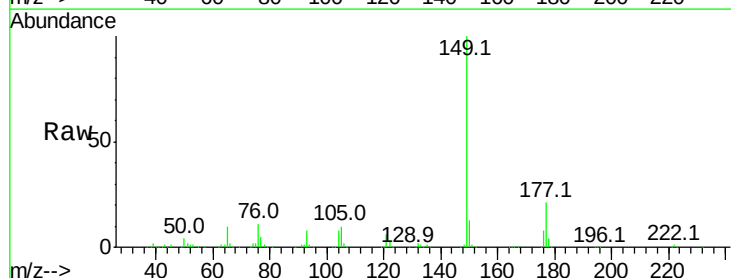
Tgt Ion:149 Resp: 492270

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

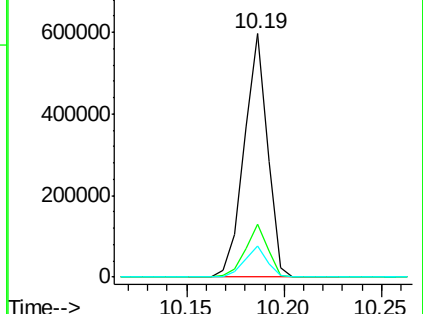
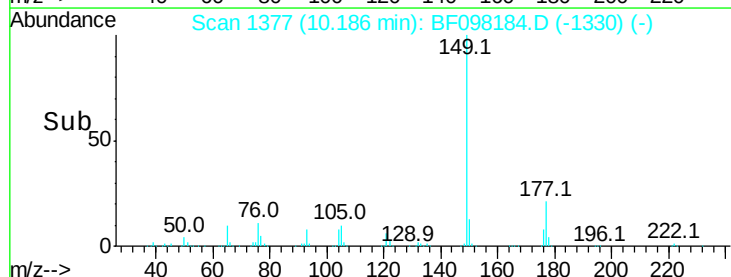
150 12.7 10.2 15.2

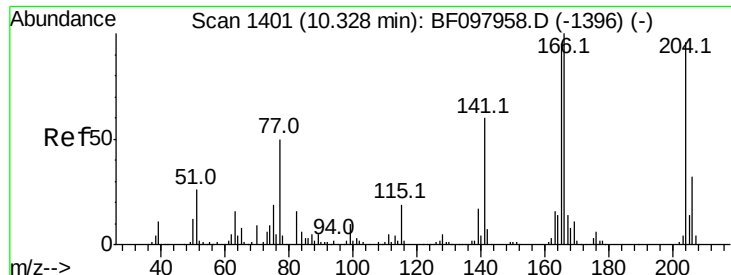


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

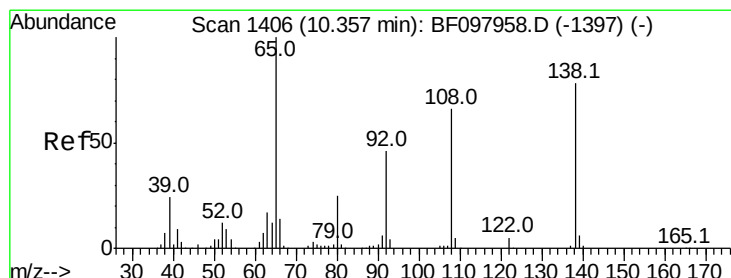
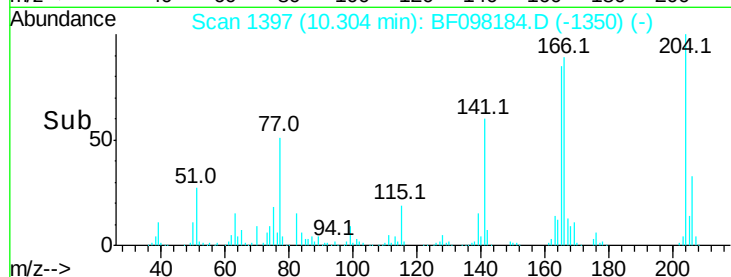
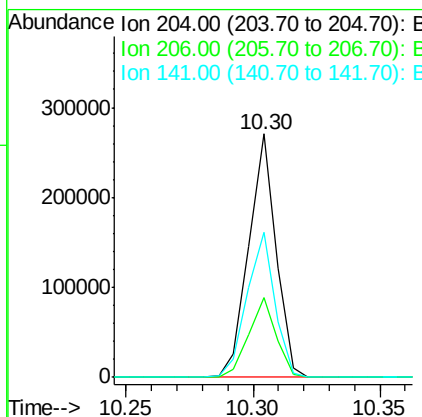
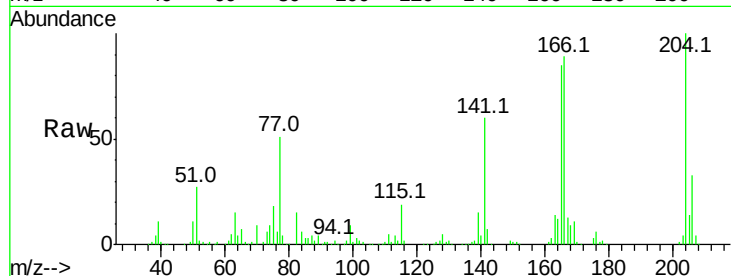




#60
 4-Chlorophenyl-phenylether
 Concen: 41.363 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

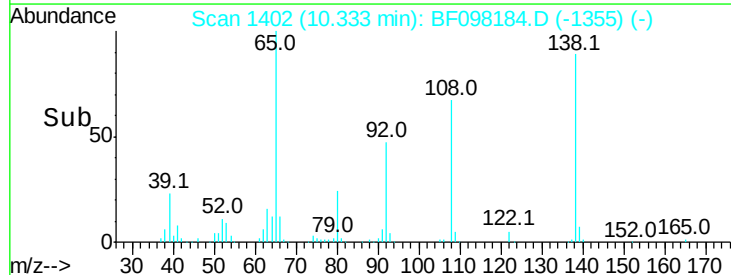
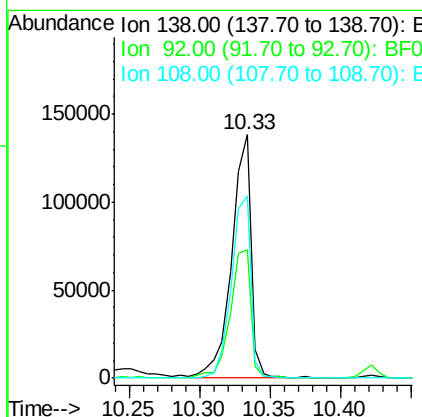
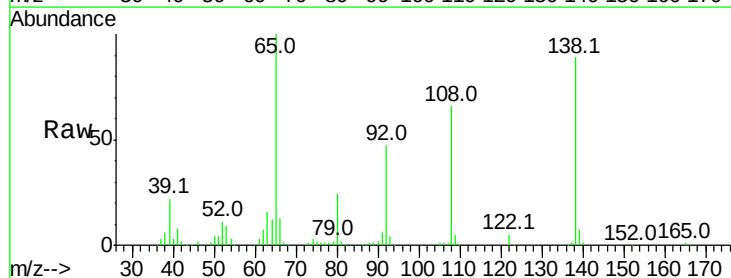
Instrument :
 BNA_F
 ClientSampled :

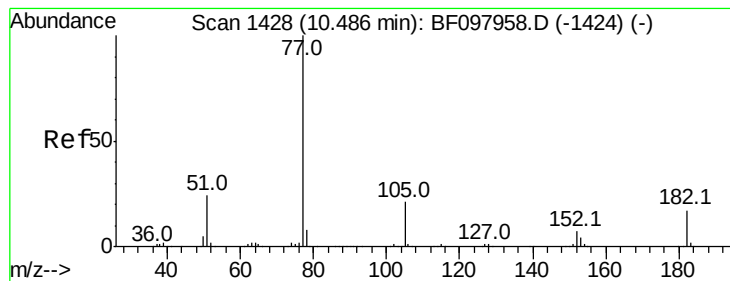
Tot Ion:204 Resp: 203422
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.2
 141 59.6 60.8 91.2#



#61
 4-Nitroaniline
 Concen: 48.682 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:138 Resp: 133350
 Ion Ratio Lower Upper
 138 100
 92 52.5 21.8 61.8
 108 75.0 42.3 82.3





#62

Azobenzene

Concen: 36.126 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 502191

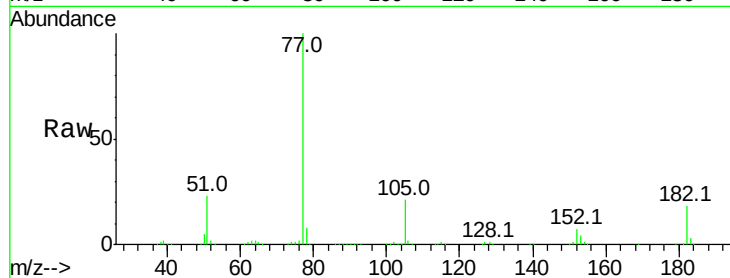
Ion Ratio Lower Upper

77 100

182 18.1 0.1 40.1

105 21.2 3.6 43.6

51 22.6 9.4 49.4

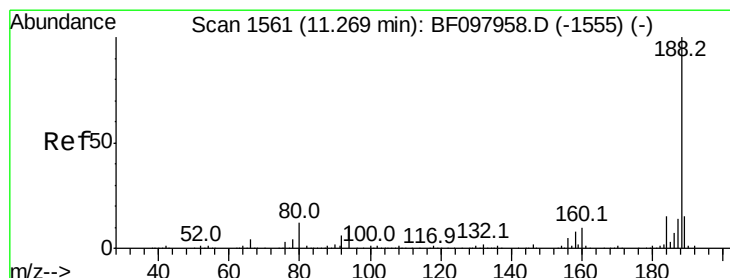
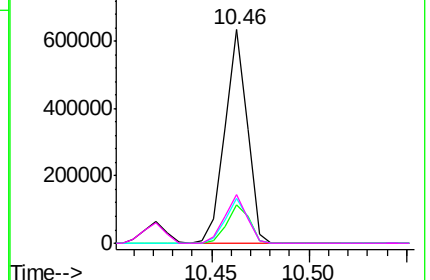
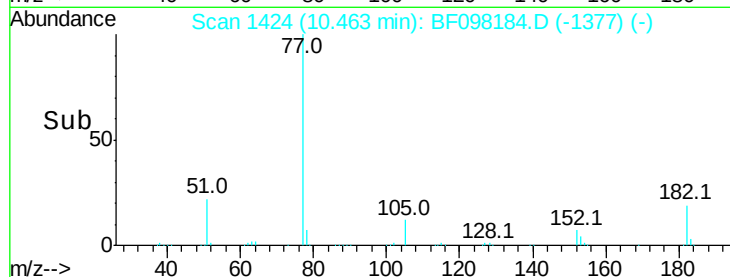


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

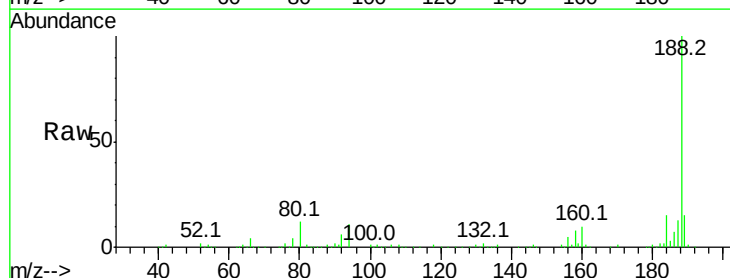
Tgt Ion: 188 Resp: 249906

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

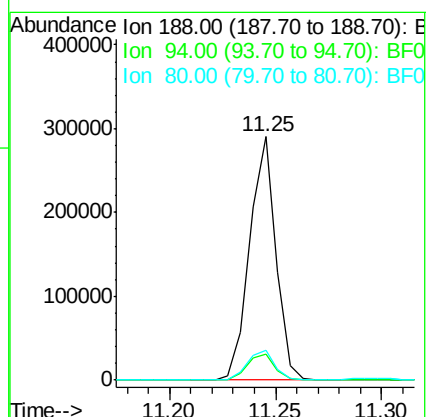
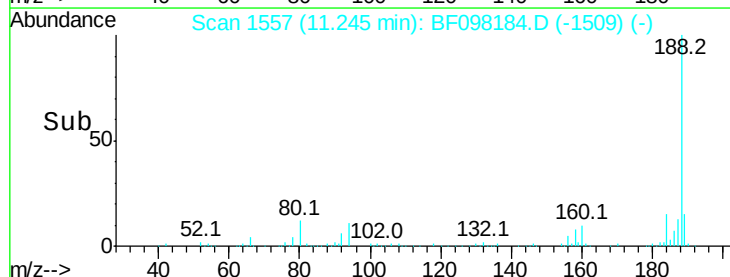
80 12.3 10.2 15.2

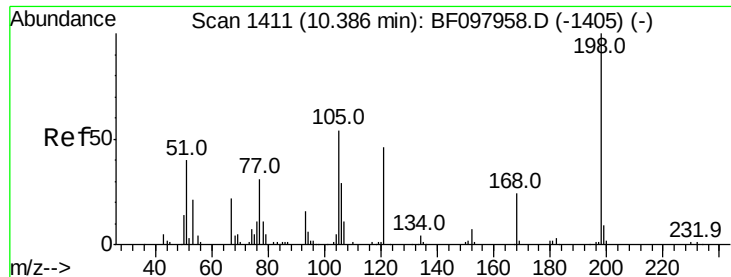


Abundance Ion 188.00 (187.70 to 188.70): E

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: 9.185 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

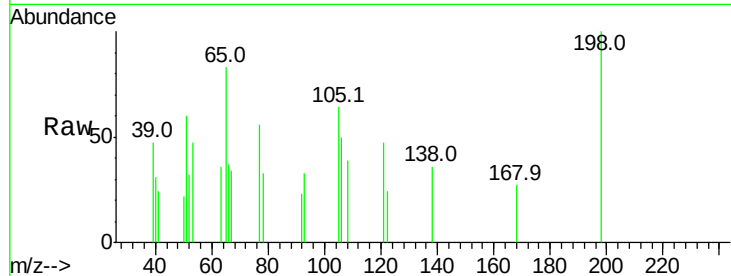
Tot Ion:198 Resp: 1231

Ion Ratio Lower Upper

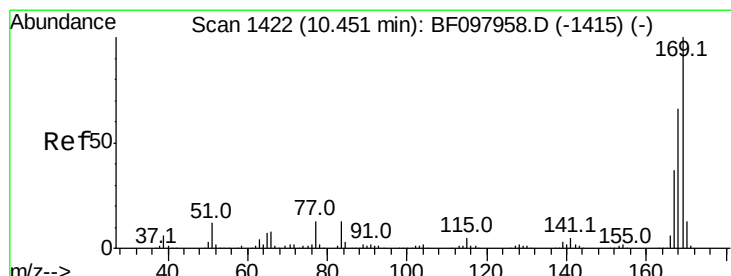
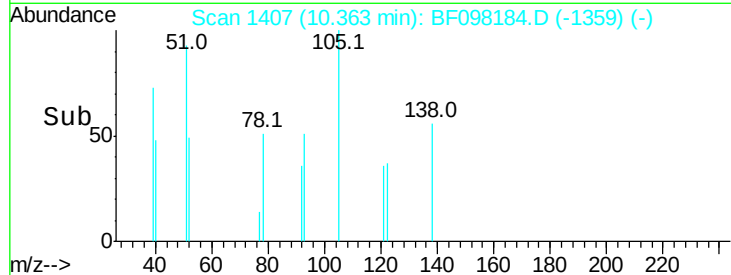
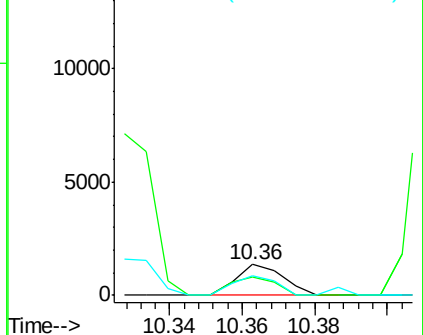
198 100

51 59.8 53.2 93.2

105 64.4 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: 43.681 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

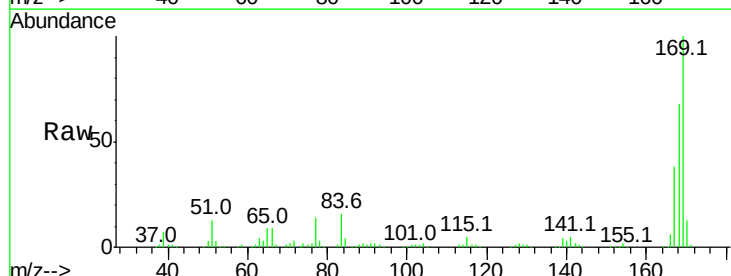
Tgt Ion:169 Resp: 371728

Ion Ratio Lower Upper

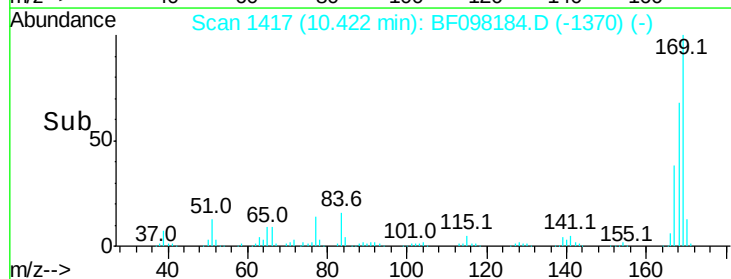
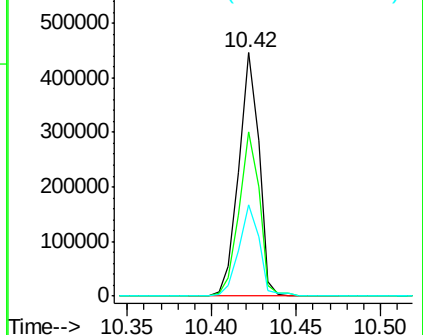
169 100

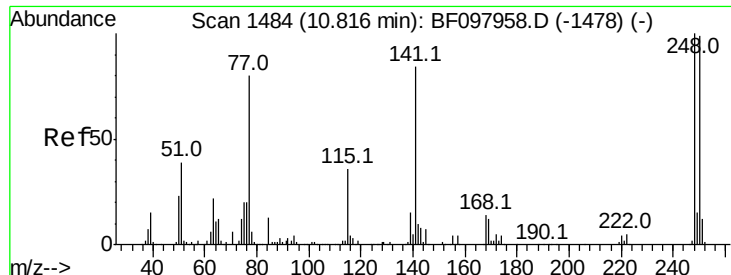
168 67.6 53.2 79.8

167 37.6 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

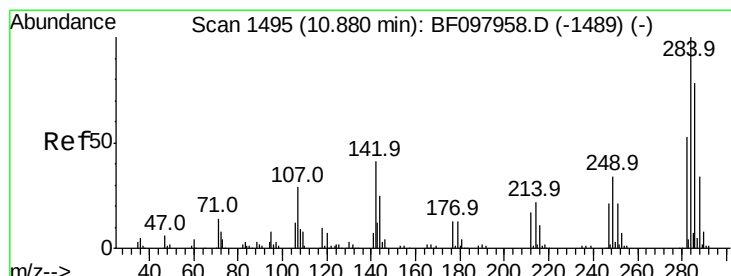
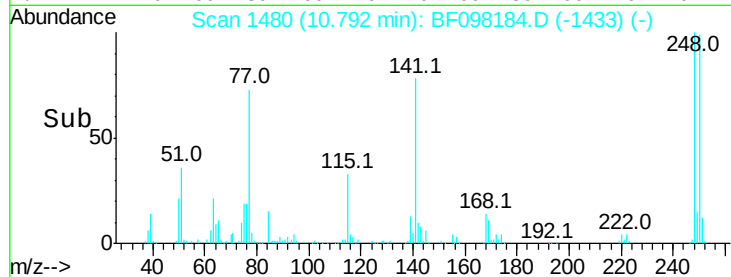
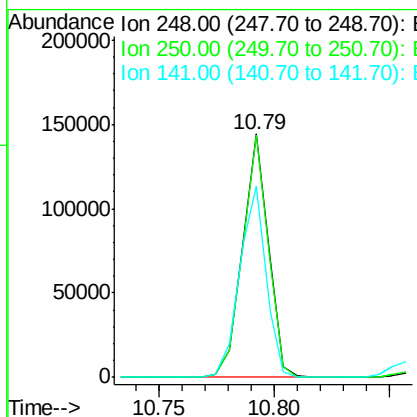
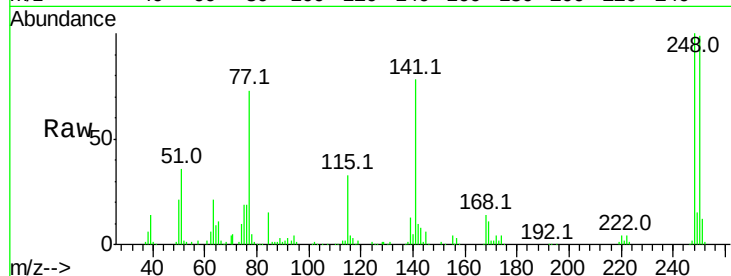




#66
 4-Bromophenyl-phenylether
 Concen: 43.628 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

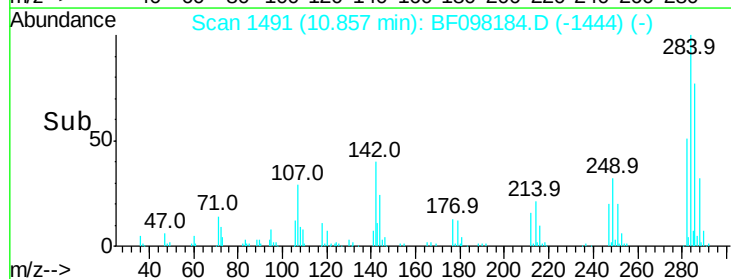
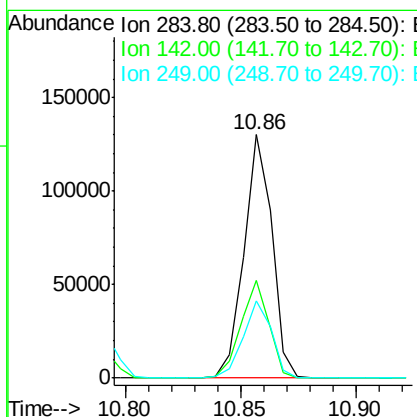
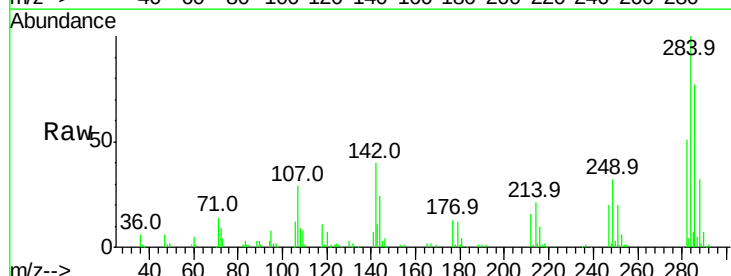
Instrument :
 BNA_F
 ClientSampleId :

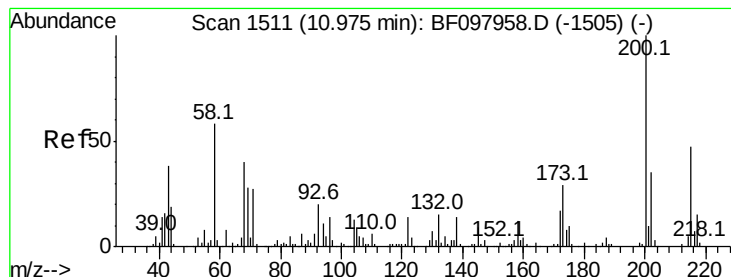
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.8	115.2
141	78.4	68.6	103.0



#67
 Hexachlorobenzene
 Concen: 41.919 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.8	34.2#
249	31.8	24.0	36.0





#68

Atrazine

Concen: 25.001 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampled :

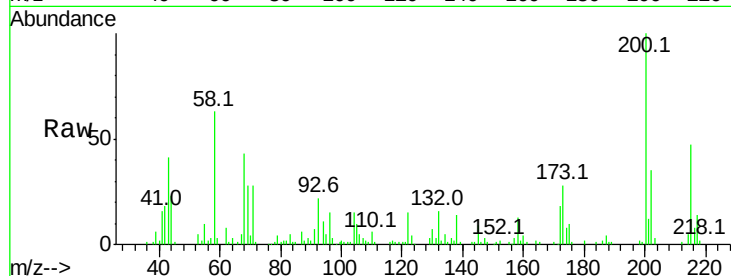
Tot Ion:200 Resp: 56424

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

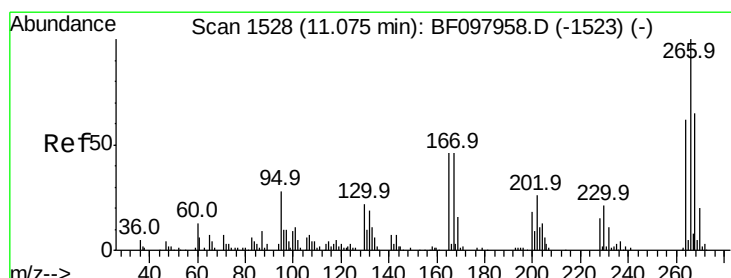
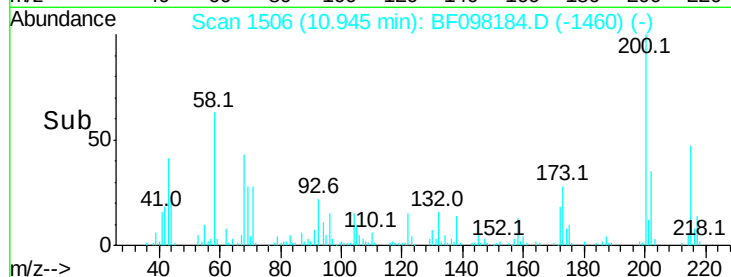
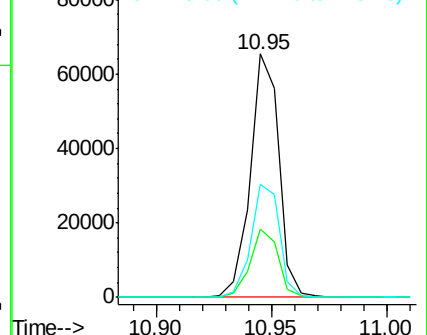
215 46.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 28.943 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

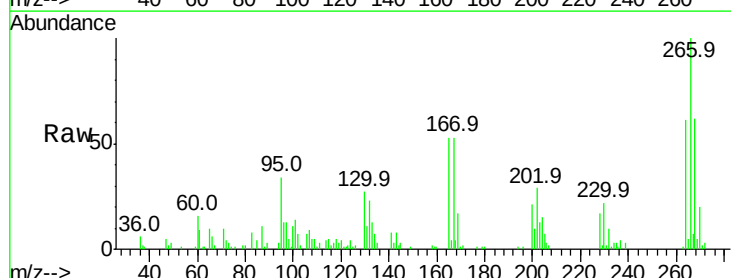
Tgt Ion:266 Resp: 44637

Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

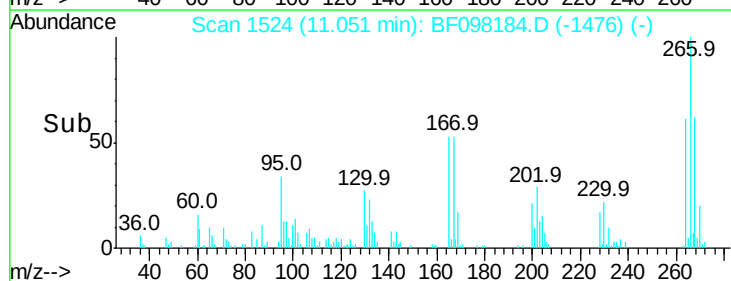
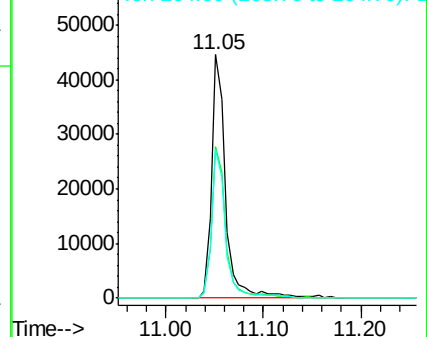
264 60.9 51.7 77.5

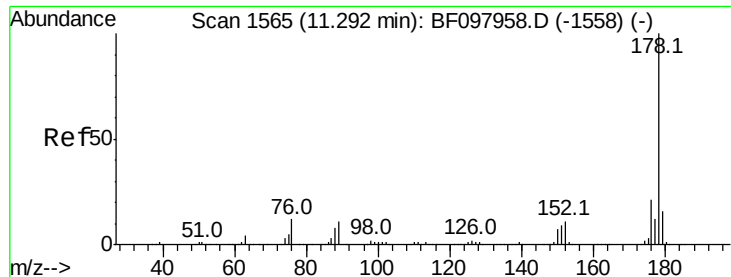


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

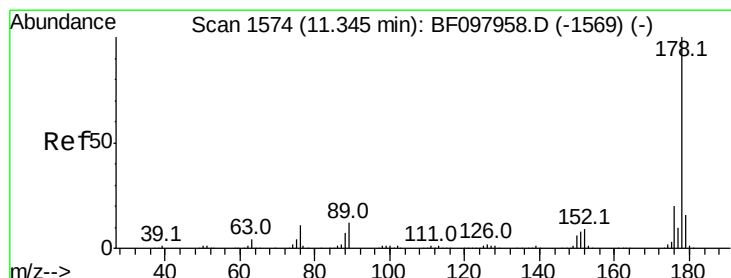
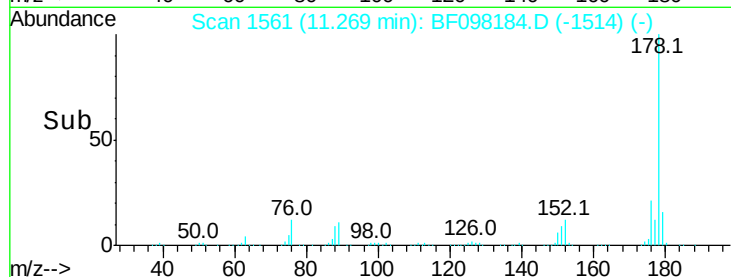
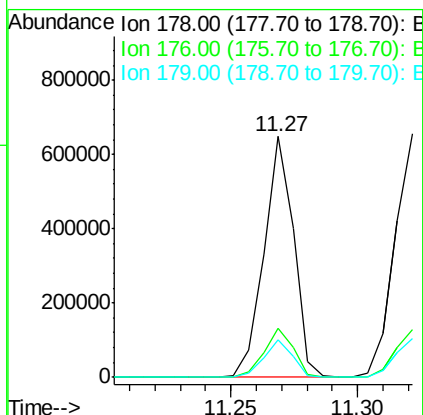
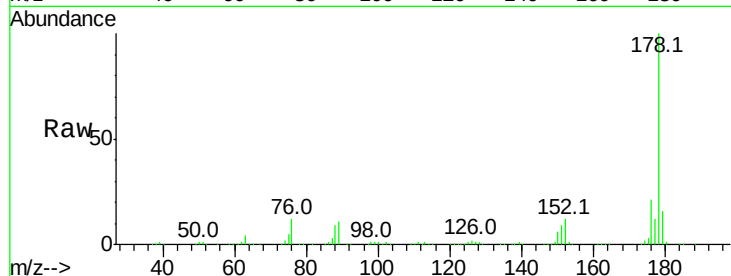




#70
 Phenanthrene
 Concen: 39.947 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

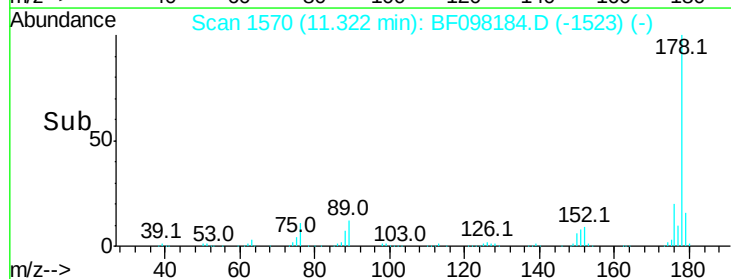
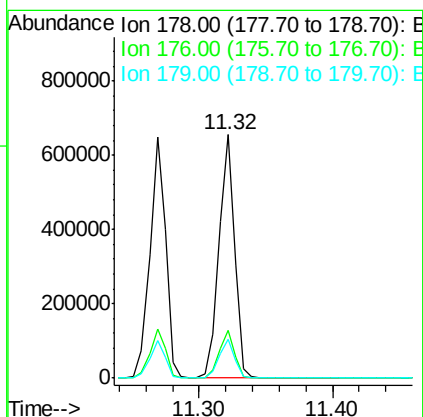
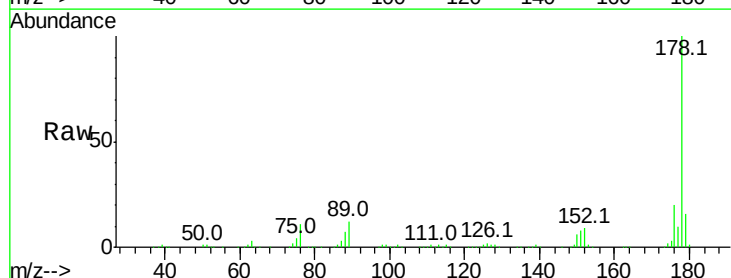
Instrument :
 BNA_F
 ClientSampleId :

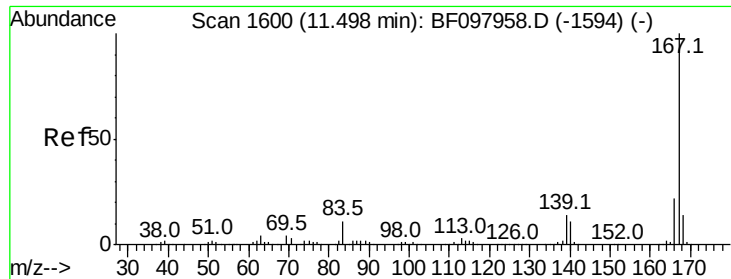
Tot Ion:178 Resp: 531964
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.8 12.6 19.0



#71
 Anthracene
 Concen: 40.571 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:178 Resp: 547977
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 12.7 19.1





#72

Carbazole

Concen: 40.942 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

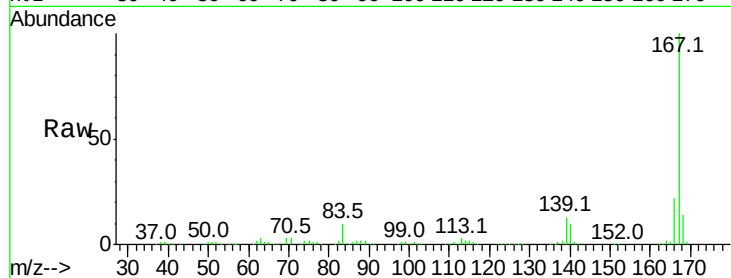
Tot Ion:167 Resp: 524912

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

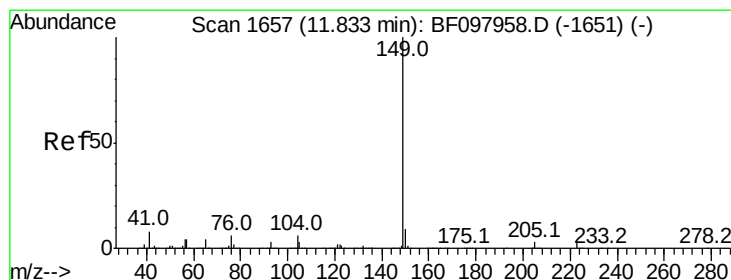
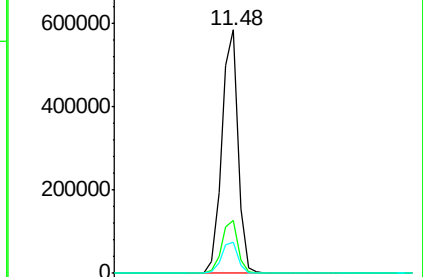
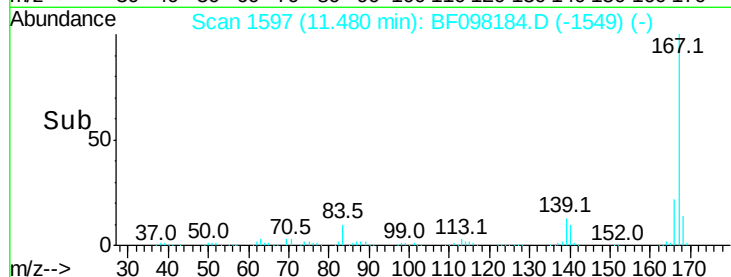
139 12.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.649 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

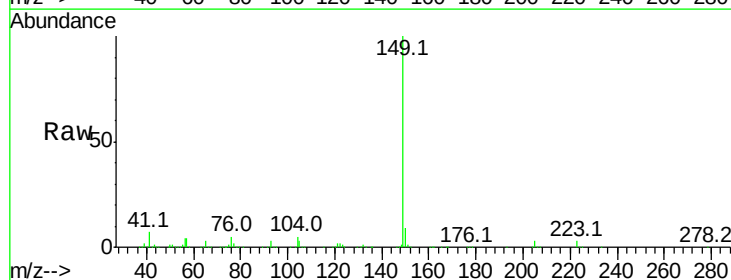
Tgt Ion:149 Resp: 688898

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

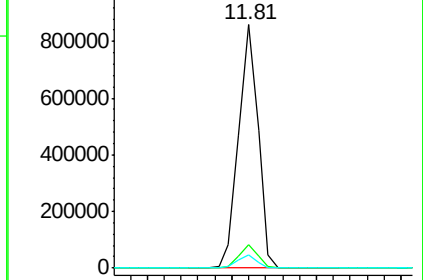
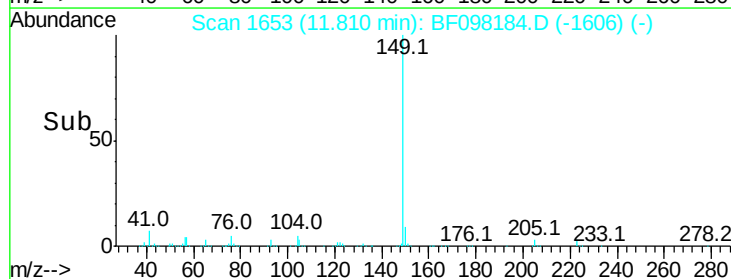
104 5.2 4.0 6.0

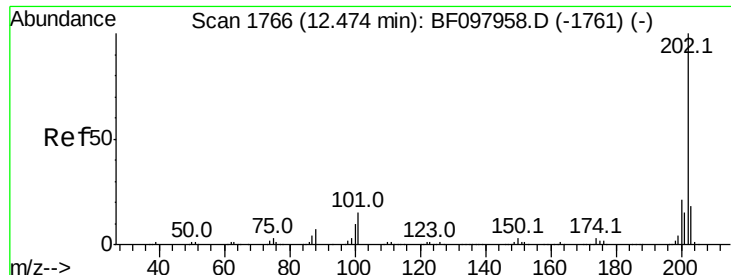


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

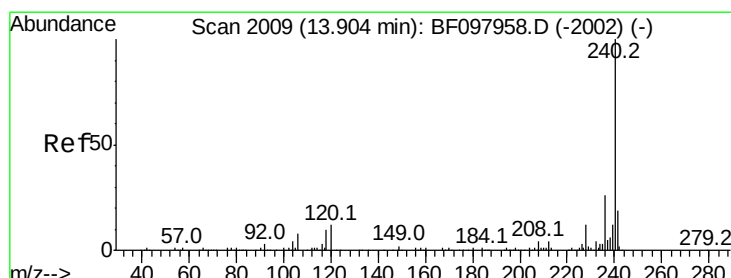
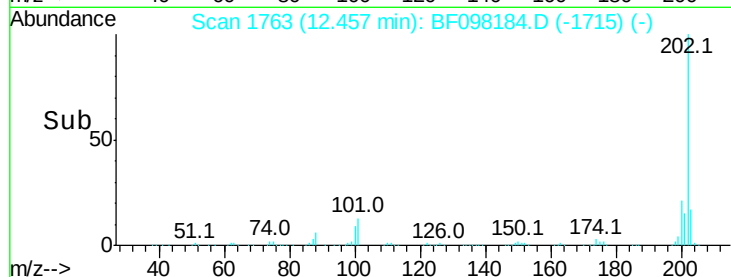
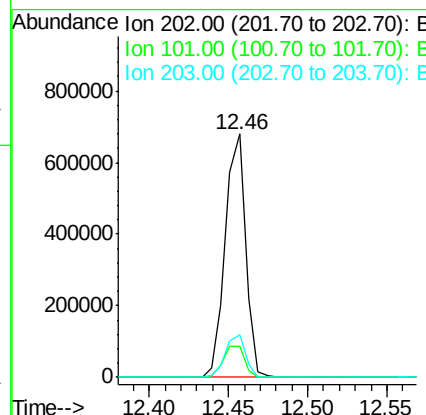
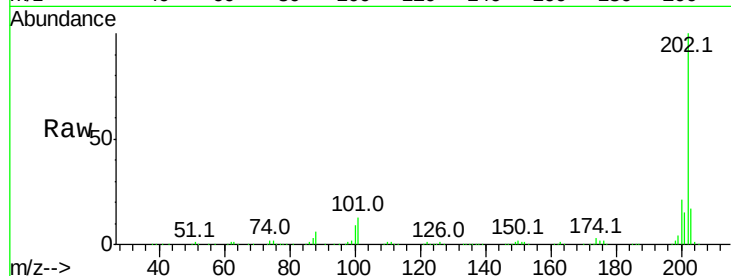




#74
Fluoranthene
 Concen: 43.798 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

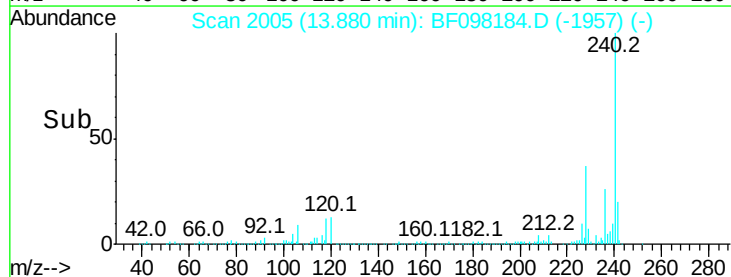
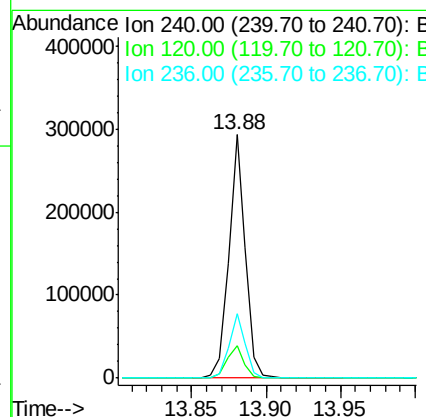
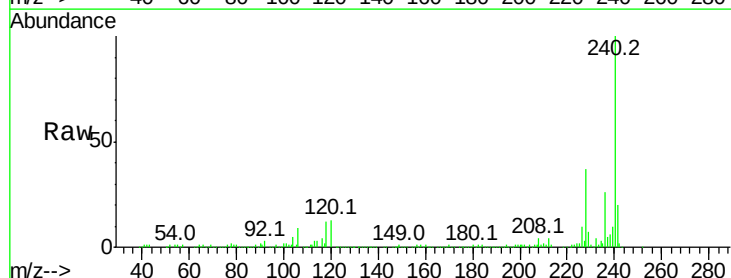
Instrument :
 BNA_F
 ClientSampleId :

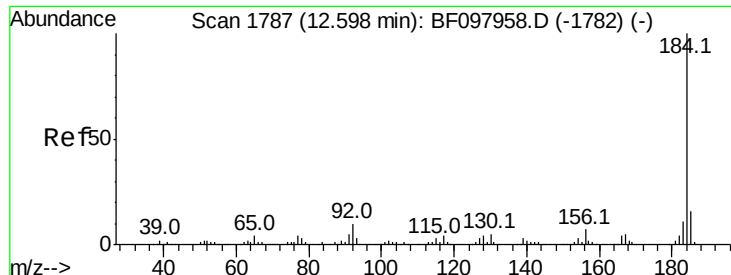
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.5	0.0	38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	26.5	20.5	30.7

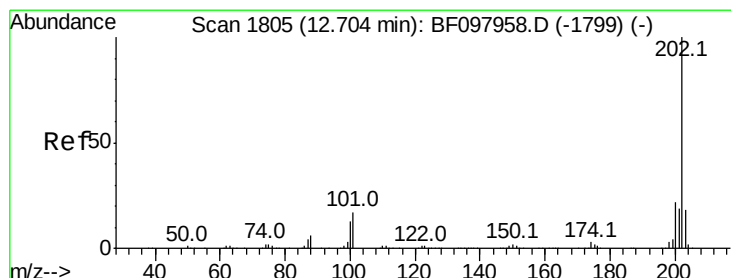
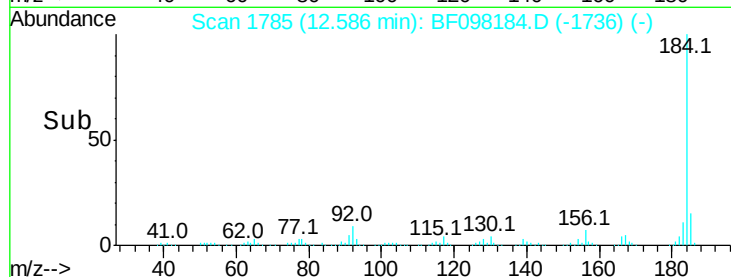
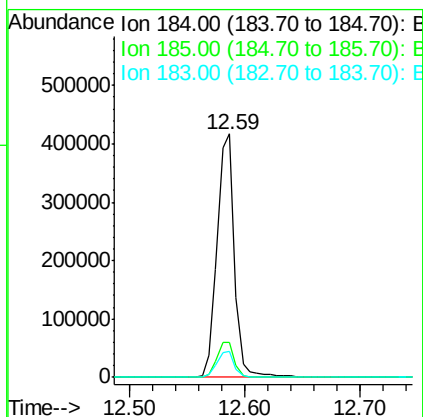
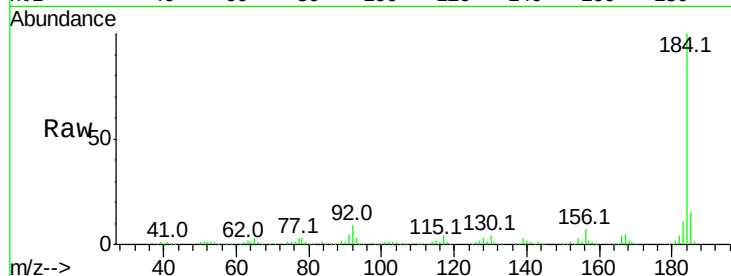




#76
Benzidine
Concen: 58.008 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

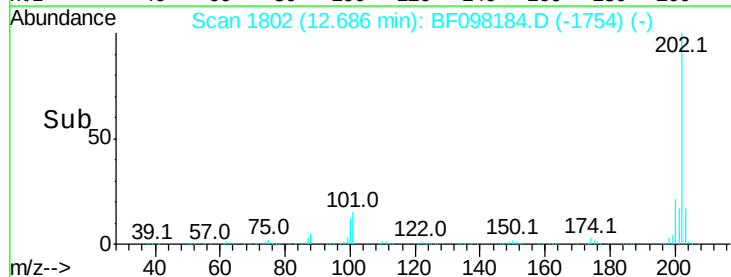
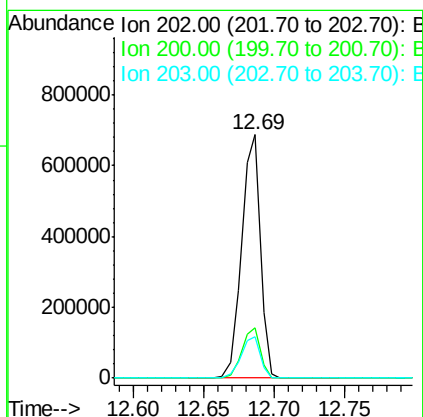
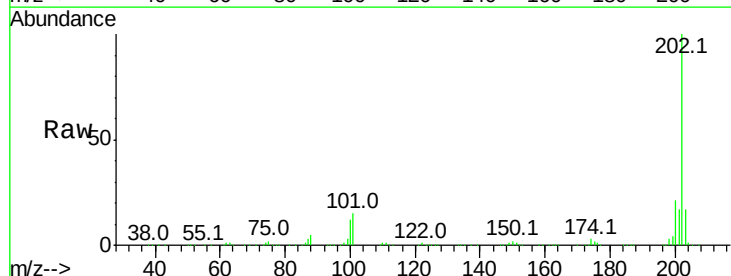
Instrument :
BNA_F
ClientSampled :

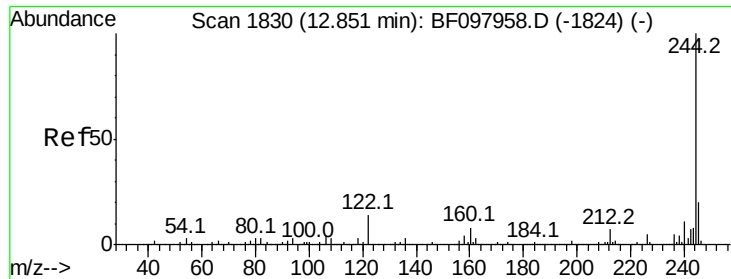
Tot Ion:184 Resp: 434960
Ion Ratio Lower Upper
184 100
185 14.5 15.5 23.3#
183 10.9 9.8 14.6



#77
Pyrene
Concen: 33.997 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:202 Resp: 635899
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 16.9 14.4 21.6

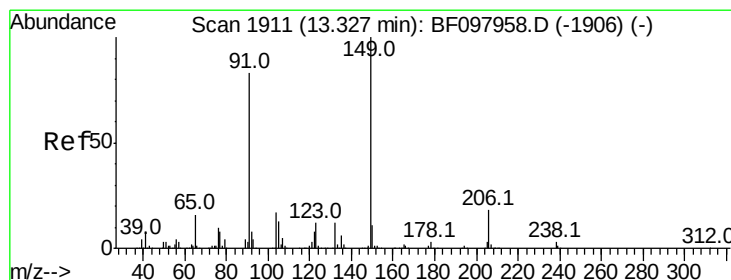
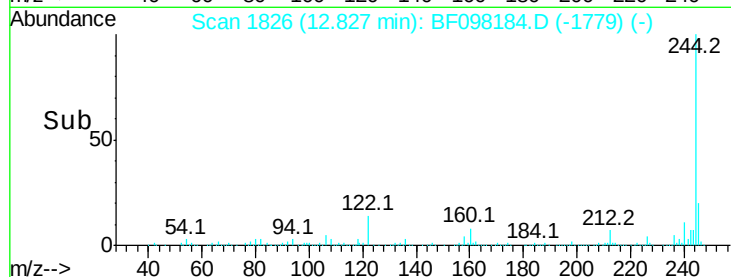
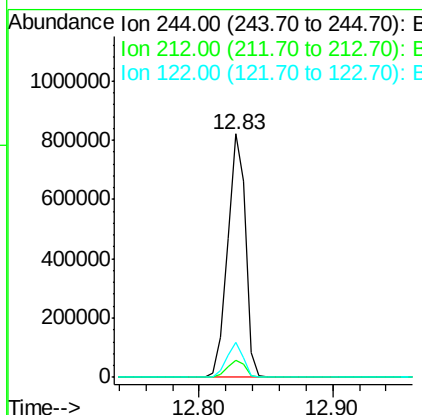
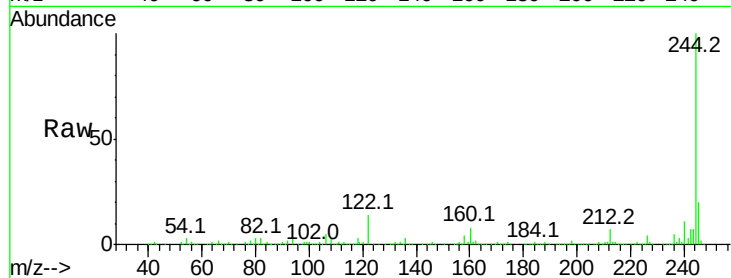




#78
 Terphenyl-d14
 Concen: 70.606 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

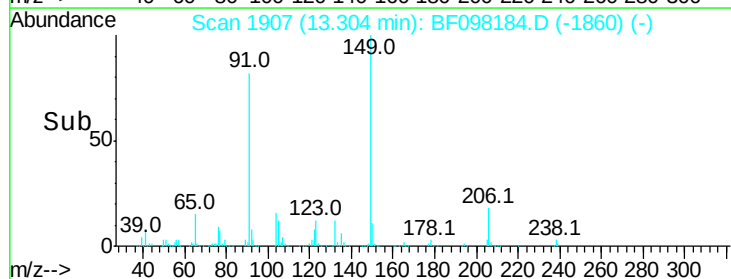
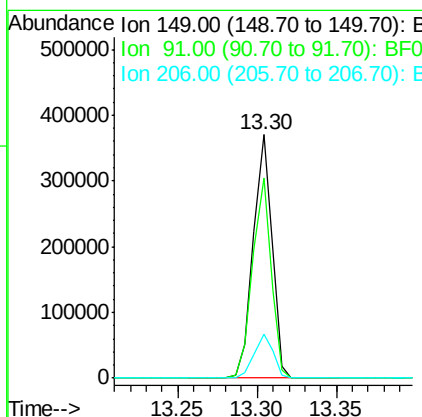
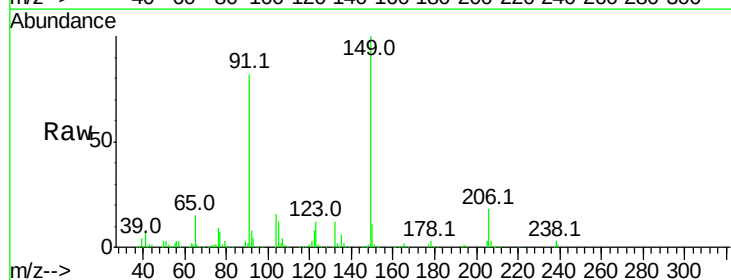
Instrument :
 BNA_F
 ClientSampleId :

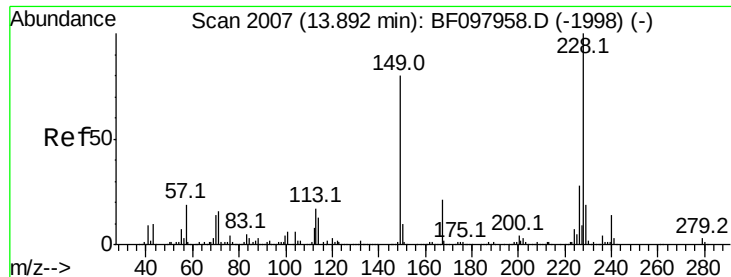
Tot Ion:244 Resp: 774312
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 42.618 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion:149 Resp: 305627
 Ion Ratio Lower Upper
 149 100
 91 82.0 45.0 67.4#
 206 18.2 17.0 25.6





#80

Benzo(a)anthracene

Concen: 37.600 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF098184.D

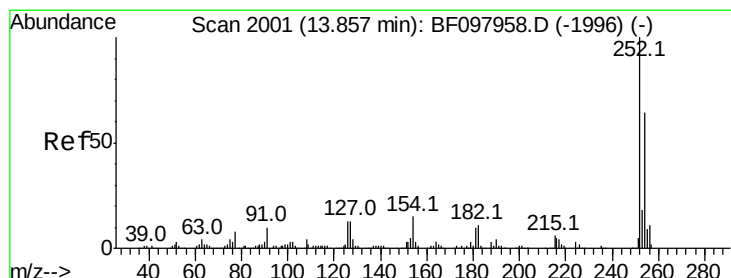
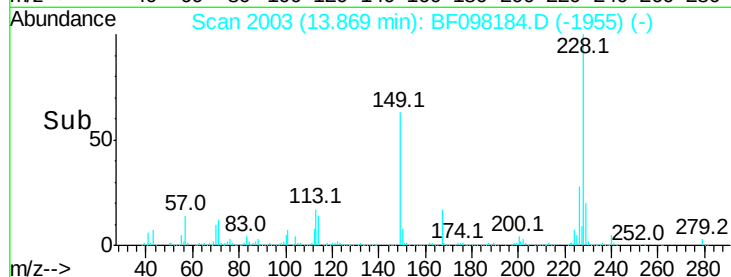
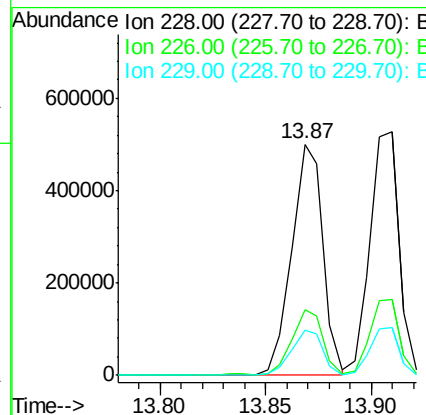
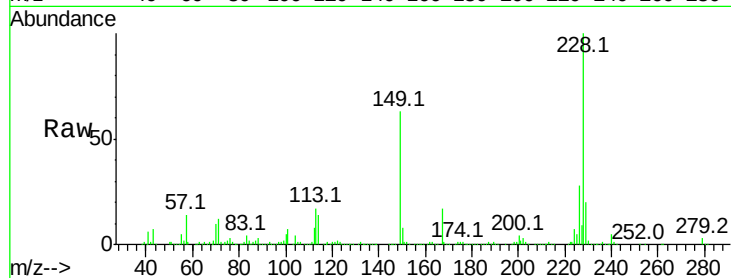
Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	515358
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	16.3	24.5



#81

3,3'-Dichlorobenzidine

Concen: 47.269 ng

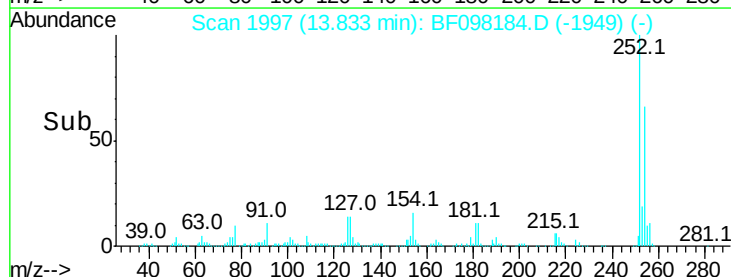
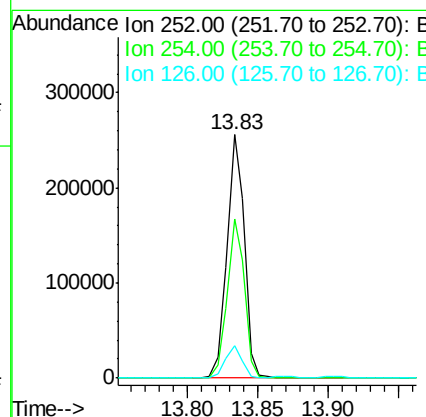
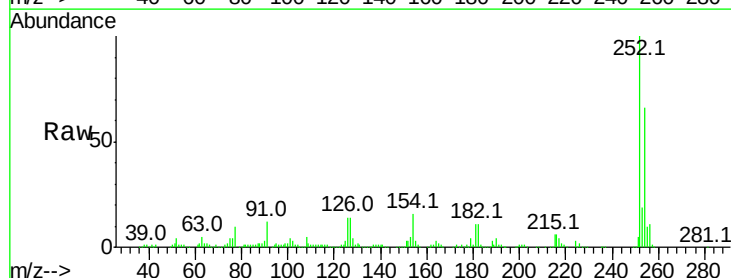
RT: 13.83 min Scan# 1997

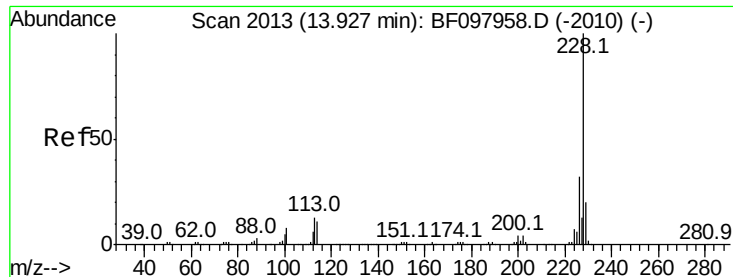
Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Tgt Ion:	252	Resp:	218622
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	13.5	15.8	23.8#

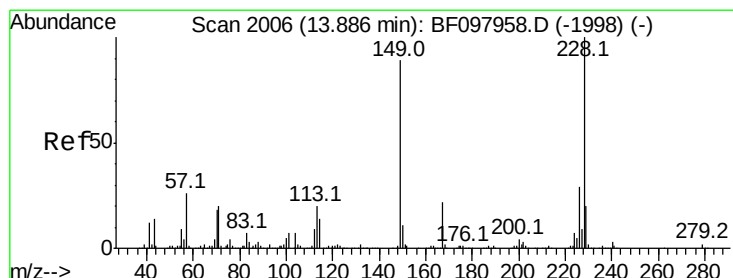
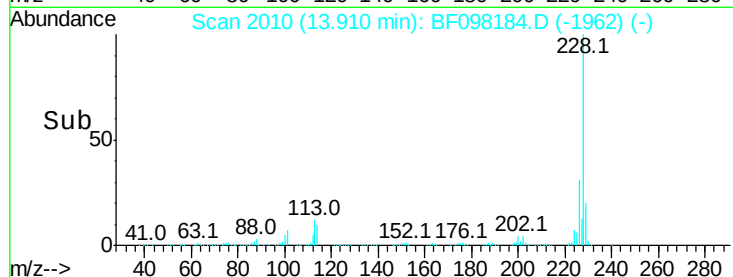
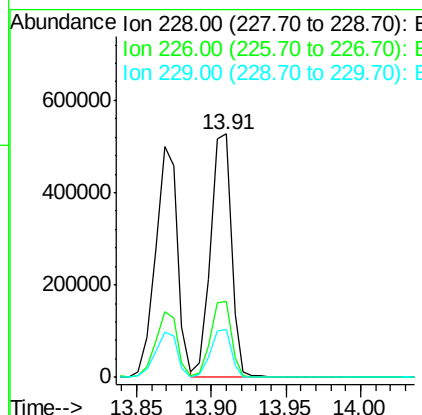
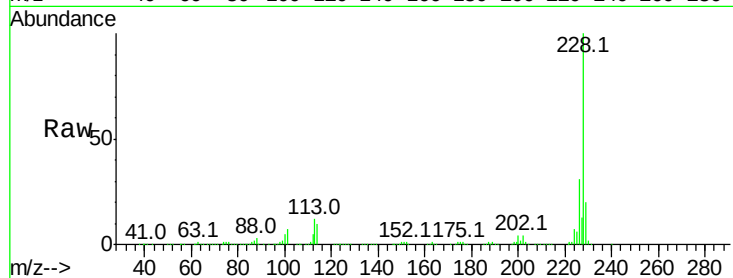




#82
 Chrysene
 Concen: 37.404 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

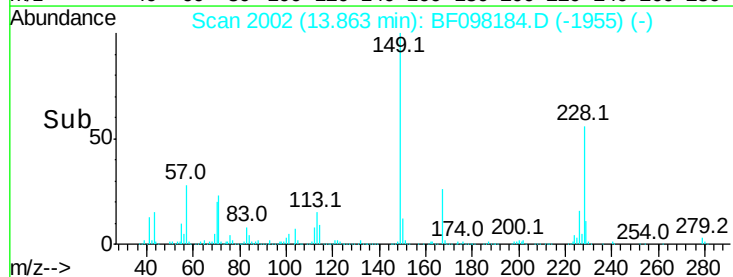
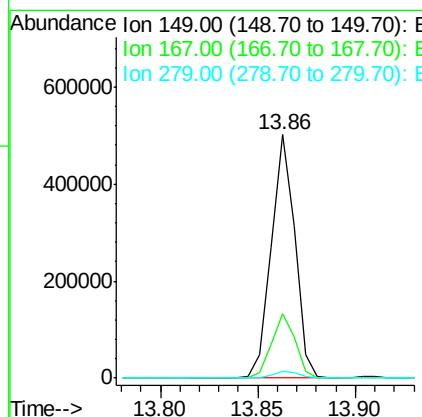
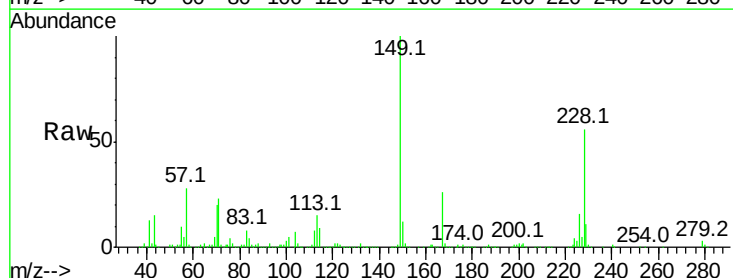
Instrument :
 BNA_F
 ClientSampleId :

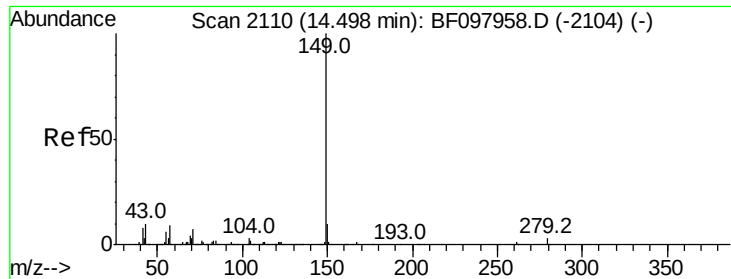
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.5	15.8	23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.867 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF098184.D
 Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.7	1.9	2.9

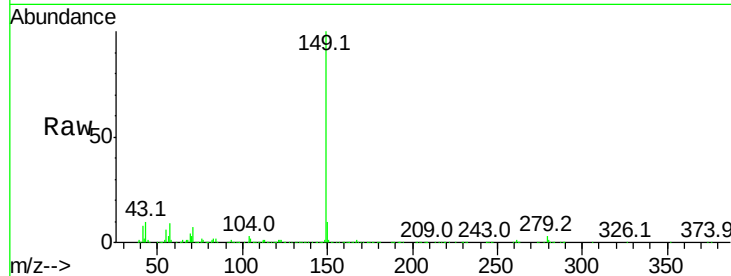




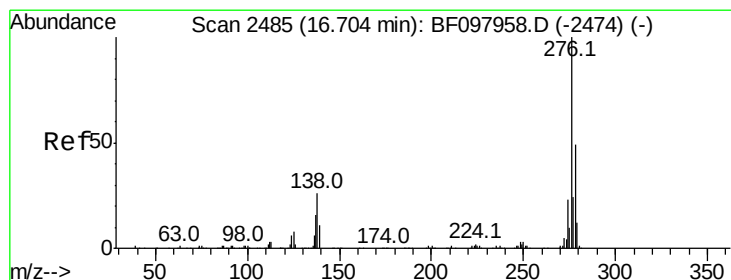
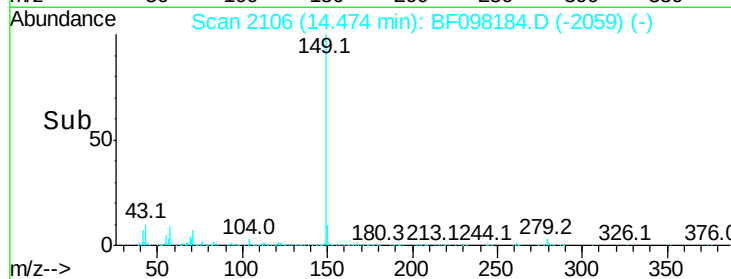
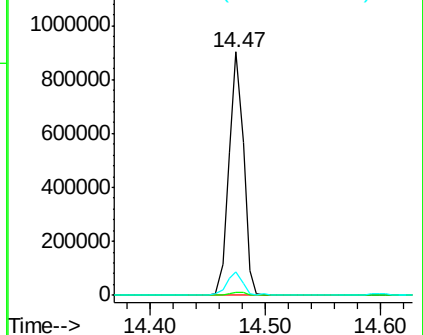
#84
Di-n-octyl phthalate
Concen: 56.983 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 787882
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.5 12.7

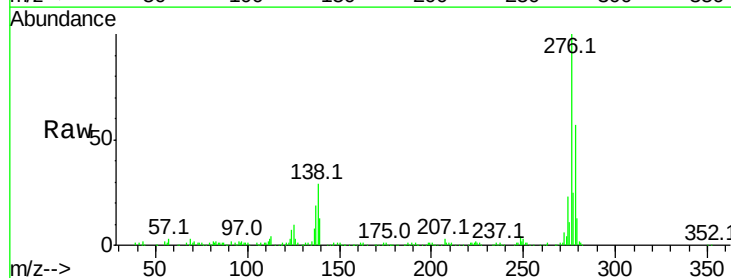


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

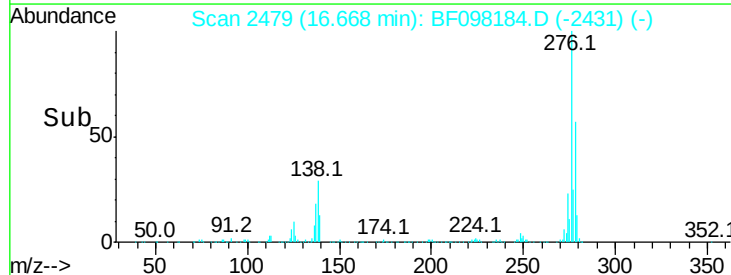
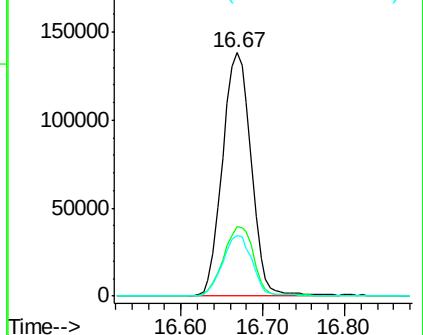


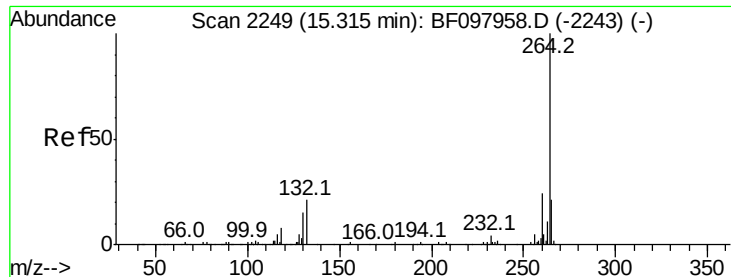
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.953 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:276 Resp: 340557
Ion Ratio Lower Upper
276 100
138 30.4 27.8 41.6
277 25.5 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

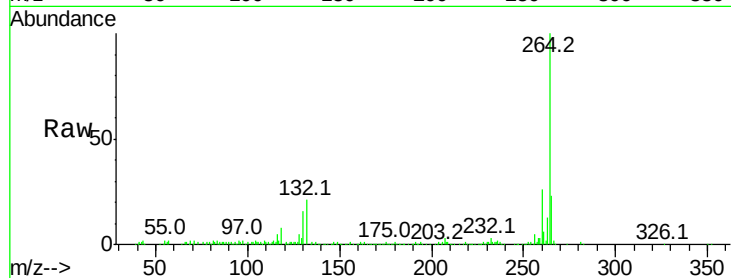




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	22.9	17.2	25.8

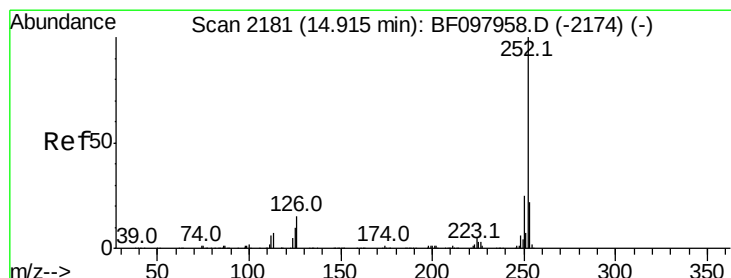
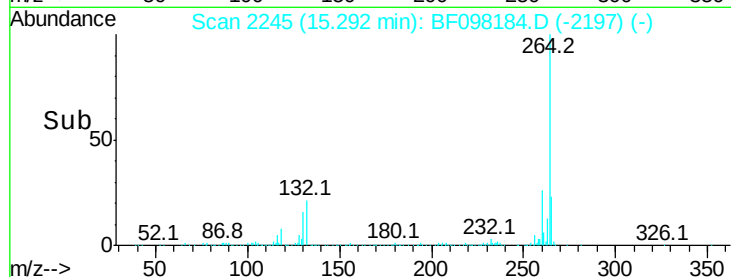
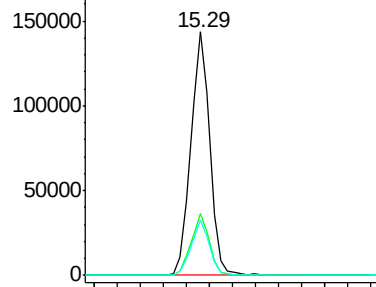


Abundance

Ion 264.00 (263.70 to 264.70): E

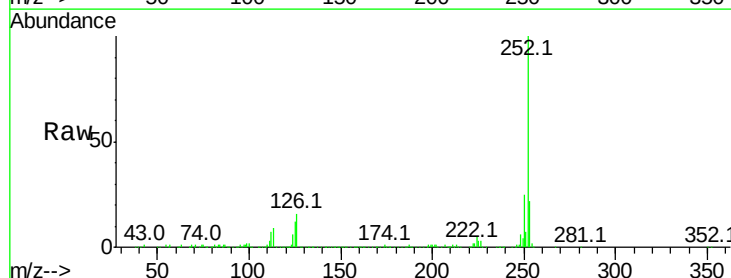
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 40.748 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.6	9.8	14.8

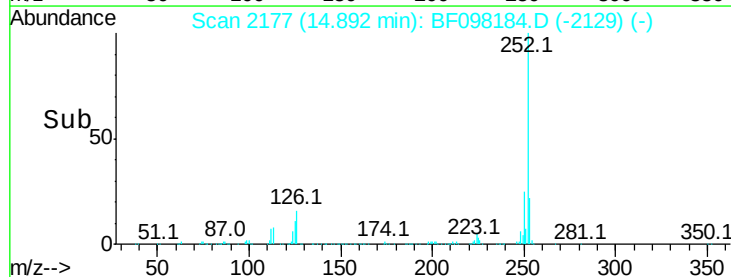
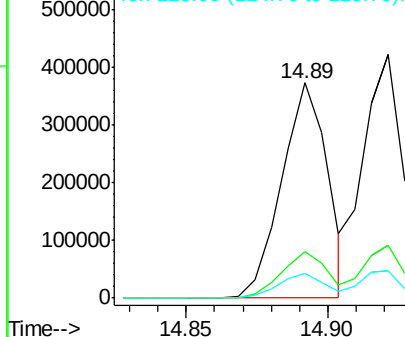


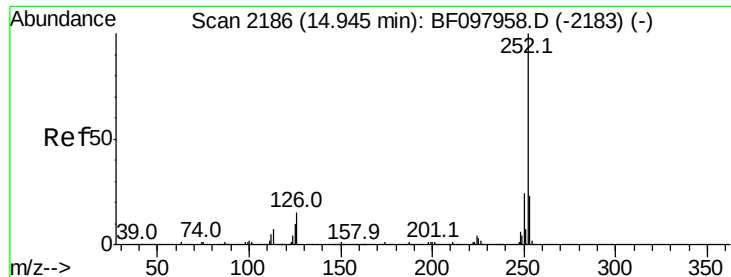
Abundance

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

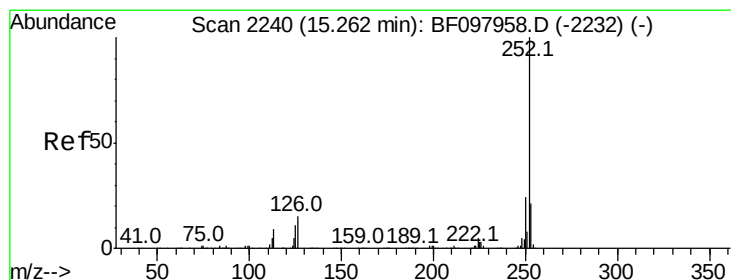
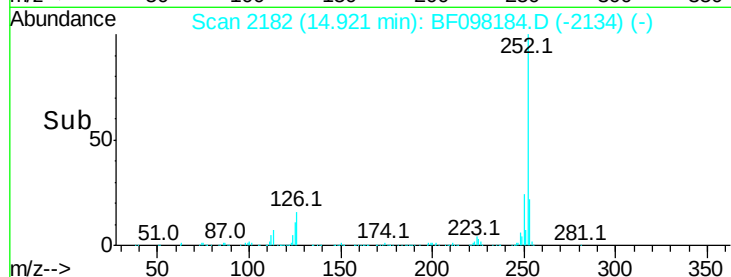
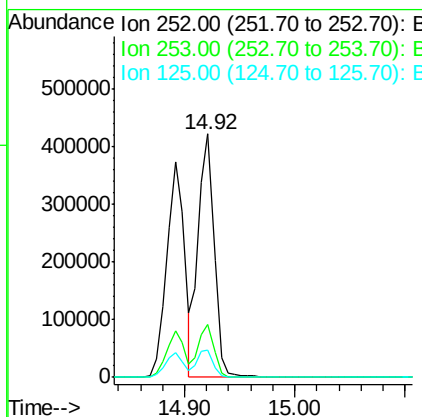
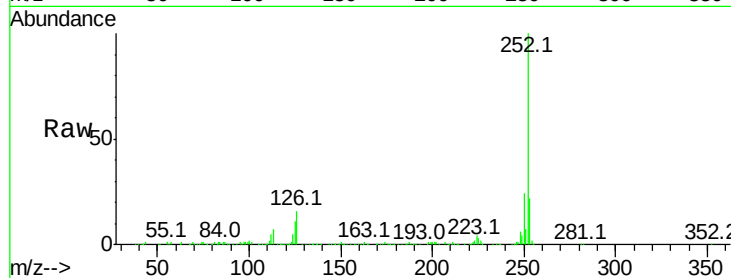




#88
Benzo(k)fluoranthene
Concen: 42.824 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

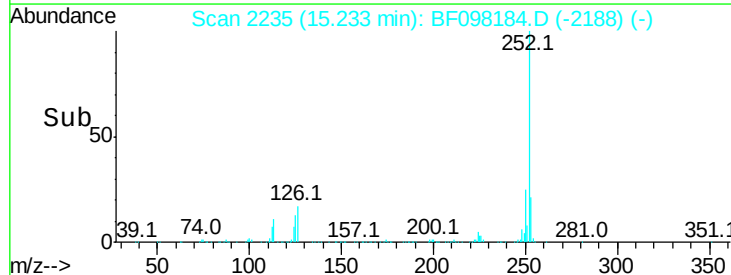
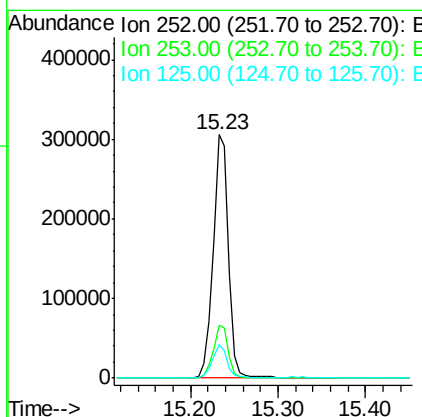
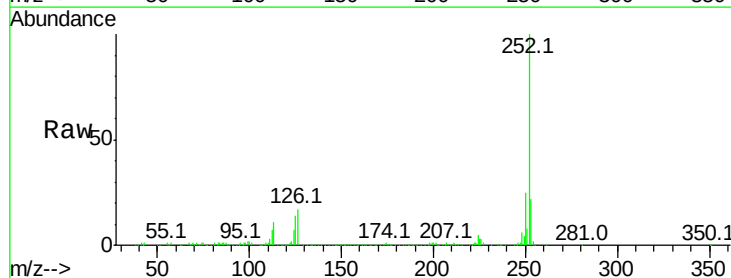
Instrument :
BNA_F
ClientSampleId :

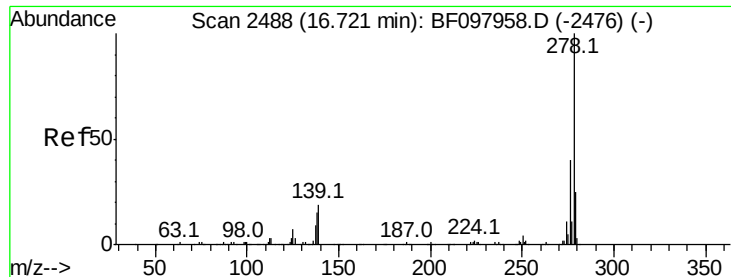
Tot Ion:252 Resp: 414441
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 11.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 40.707 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF098184.D
Acq: 31 Aug 2017 5:32

Tgt Ion:252 Resp: 371211
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.6 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 40.498 ng

RT: 16.69 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

Instrument :

BNA_F

ClientSampleId :

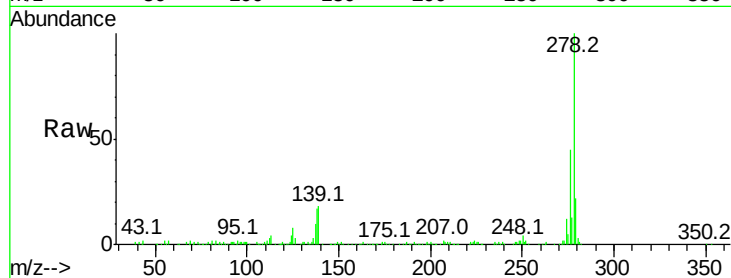
Tot Ion:278 Resp: 300662

Ion Ratio Lower Upper

278 100

139 18.3 16.6 24.8

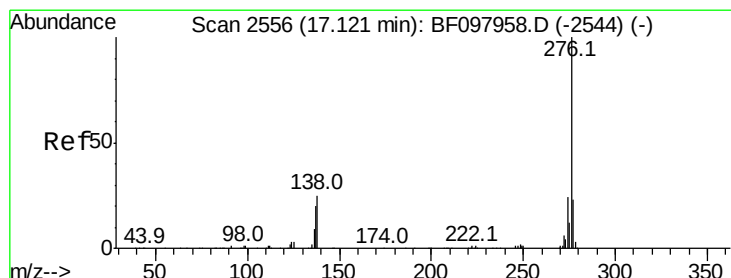
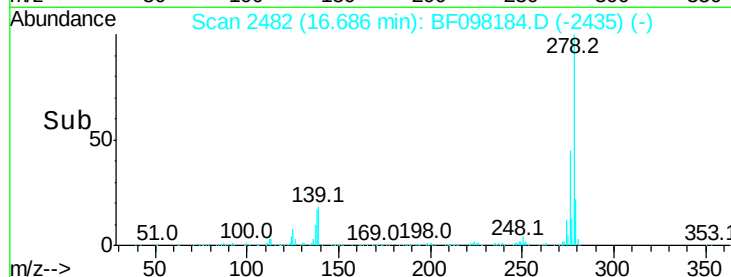
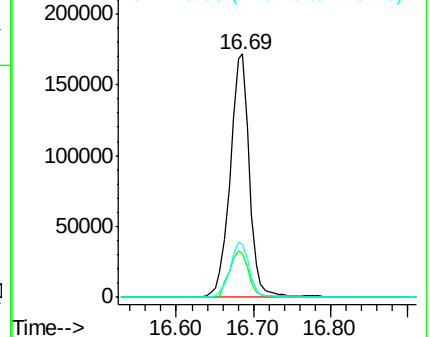
279 21.9 19.3 28.9



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(g,h,i)perylene

Concen: 37.824 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.02 min

Lab File: BF098184.D

Acq: 31 Aug 2017 5:32

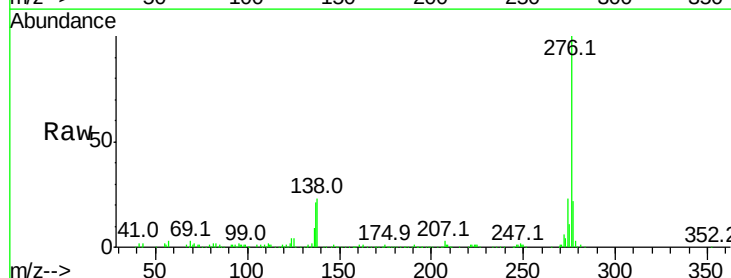
Tgt Ion:276 Resp: 293000

Ion Ratio Lower Upper

276 100

277 22.2 18.6 28.0

138 22.8 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

