

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098937.D
 Acq On : 29 Sep 2017 9:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:03:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149220	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	632774	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	284433	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	507307	20.00	ng	0.00
75) Chrysene-d12	14.09	240	365934	20.00	ng	0.00
86) Perylene-d12	15.58	264	295947	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	756554	80.71	ng	0.00
7) Phenol-d6	6.55	99	925418	80.03	ng	0.00
23) Nitrobenzene-d5	7.49	82	792620	80.33	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	189932	81.61	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1342106	78.77	ng	0.00
78) Terphenyl-d14	13.03	244	1279013	79.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	175881	39.279	ng	98
3) Pyridine	3.50	79	488474	40.326	ng	98
4) n-Nitrosodimethylamine	3.46	42	207649	40.426	ng	# 95
6) Aniline	6.59	93	614678	39.385	ng	99
8) 2-Chlorophenol	6.70	128	421817	39.737	ng	97
9) Benzaldehyde	6.47	77	249960	37.265	ng	99
10) Phenol	6.56	94	518484	40.092	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	399270	39.713	ng	100
12) 1,3-Dichlorobenzene	6.86	146	435871	39.207	ng	98
13) 1,4-Dichlorobenzene	6.93	146	441233	39.009	ng	99
14) 1,2-Dichlorobenzene	7.09	146	413795	39.592	ng	98
15) Benzyl Alcohol	7.06	79	334821	39.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	605584	38.661	ng	98
17) 2-Methylphenol	7.16	107	339536	39.091	ng	99
18) Hexachloroethane	7.43	117	158952	39.096	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	275205	37.276	ng	96
20) 3+4-Methylphenols	7.32	107	421194	38.332	ng	# 81
22) Acetophenone	7.33	105	566940	36.980	ng	# 99
24) Nitrobenzene	7.50	77	437450	39.083	ng	97
25) Isophorone	7.74	82	782250	38.345	ng	100
26) 2-Nitrophenol	7.82	139	229946	42.722	ng	96
27) 2,4-Dimethylphenol	7.85	122	384310	37.808	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	493727	38.836	ng	99
29) 2,4-Dichlorophenol	8.06	162	341540	39.135	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	339385	38.882	ng	98
31) Naphthalene	8.23	128	1134734	38.182	ng	100
32) Benzoic acid	7.98	122	247941	29.695	ng	98
33) 4-Chloroaniline	8.27	127	482783	38.901	ng	99
34) Hexachlorobutadiene	8.33	225	172647	38.402	ng	98
35) Caprolactam	8.66	113	109223	39.016	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	377292	38.463	ng	99
37) 2-Methylnaphthalene	8.92	142	740403	38.324	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	331897	39.127	ng	99
40) Hexachlorocyclopentadiene	9.06	237	138478	35.722	ng	96

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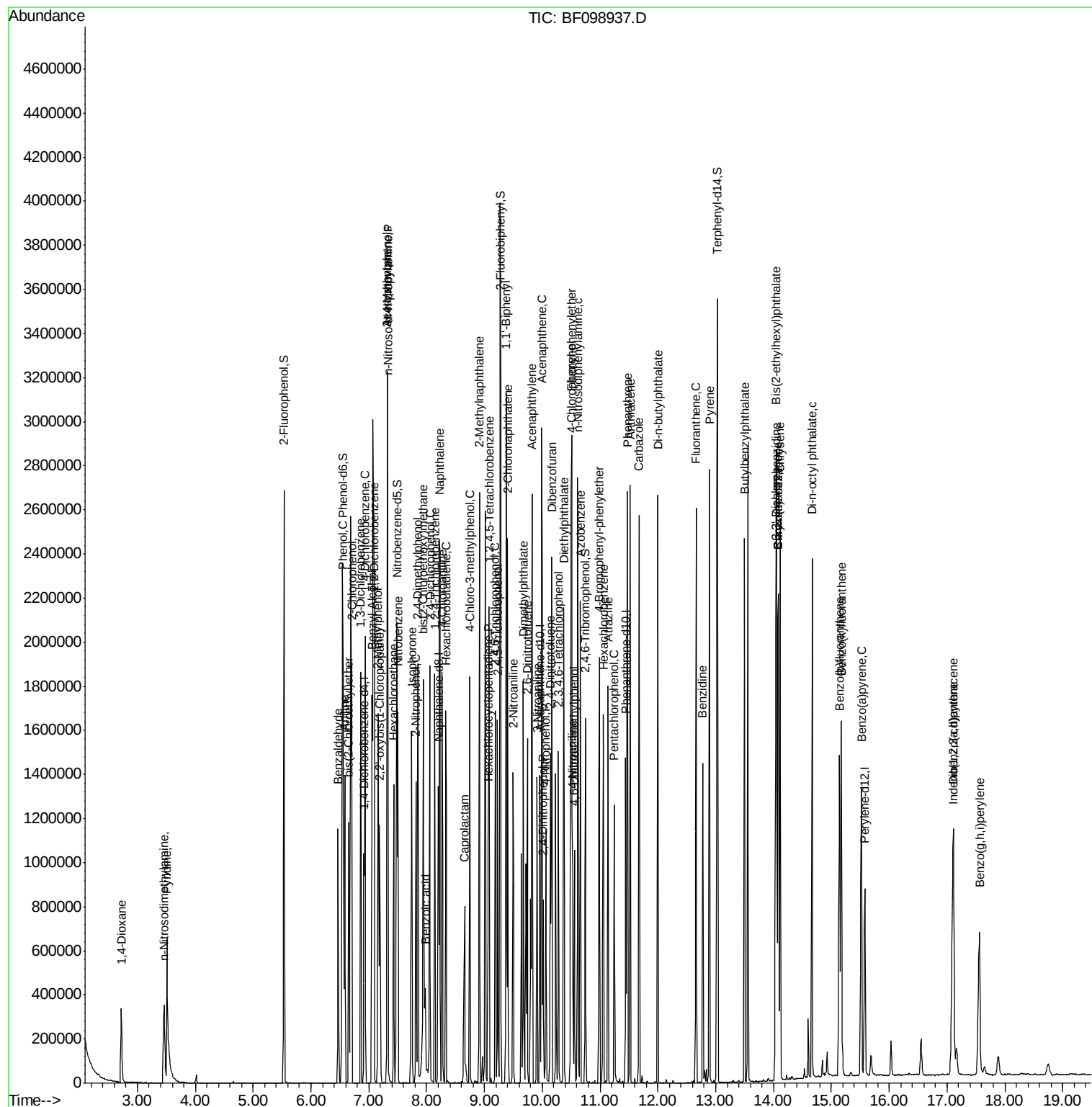
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	234227	38.977	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	236105	39.358	nq	100
45) 1,1'-Biphenyl	9.38	154	943666	38.603	nq	99
46) 2-Chloronaphthalene	9.40	162	716373	39.031	nq	99
47) 2-Nitroaniline	9.50	65	233816	41.604	nq	97
48) Acenaphthylene	9.82	152	1093641	38.924	nq	100
49) Dimethylphthalate	9.67	163	843921	39.312	nq	99
50) 2,6-Dinitrotoluene	9.74	165	192552	41.200	nq	97
51) Acenaphthene	9.99	154	704144	39.563	nq	99
52) 3-Nitroaniline	9.91	138	229192	42.058	nq	99
53) 2,4-Dinitrophenol	10.02	184	89065	39.765	nq	96
54) Dibenzofuran	10.16	168	921797	38.899	nq	98
55) 4-Nitrophenol	10.06	139	184183	39.971	nq	99
56) 2,4-Dinitrotoluene	10.15	165	256930	42.359	nq	96
57) Fluorene	10.51	166	746711	39.204	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	162872	39.304	nq	98
59) Diethylphthalate	10.37	149	818653	39.027	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	335104	39.166	nq	94
61) 4-Nitroaniline	10.53	138	223425	42.497	nq	96
62) Azobenzene	10.66	77	748818	38.824	nq	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	130676	42.337	nq	84
65) n-Nitrosodiphenylamine	10.62	169	677482	38.549	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	193724	39.012	nq	99
67) Hexachlorobenzene	11.06	284	207081	39.046	nq	95
68) Atrazine	11.14	200	206160	38.989	nq	100
69) Pentachlorophenol	11.25	266	118518	35.907	nq	98
70) Phenanthrene	11.47	178	1047615	38.579	nq	99
71) Anthracene	11.52	178	1079659	38.858	nq	99
72) Carbazole	11.67	167	1066137	39.184	nq	99
73) Di-n-butylphthalate	12.00	149	1278298	39.032	nq	100
74) Fluoranthene	12.66	202	1060316	38.561	nq	98
76) Benzidine	12.77	184	532138	39.317	nq	99
77) Pyrene	12.89	202	1103425	39.544	nq	99
79) Butylbenzylphthalate	13.50	149	544011	41.483	nq	97
80) Benzo(a)anthracene	14.07	228	877260	39.591	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	316179	38.924	nq	97
82) Chrysene	14.12	228	808553	38.328	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	747702	41.407	nq	# 99
84) Di-n-octyl phthalate	14.67	149	1236778	42.535	nq	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	647788	38.387	nq	97
87) Benzo(b)fluoranthene	15.14	252	753659	41.419	nq	96
88) Benzo(k)fluoranthene	15.17	252	658552	36.643	nq	99
89) Benzo(a)pyrene	15.52	252	653484	39.125	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	537820	40.235	nq	97
91) Benzo(g,h,i)perylene	17.56	276	523036	39.585	nq	96

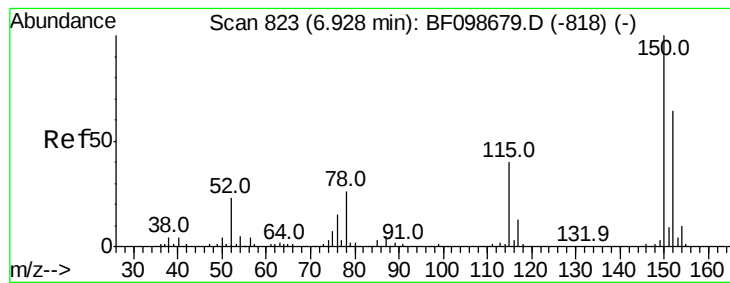
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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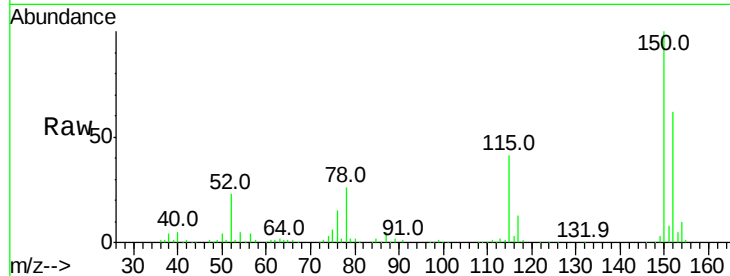


#1

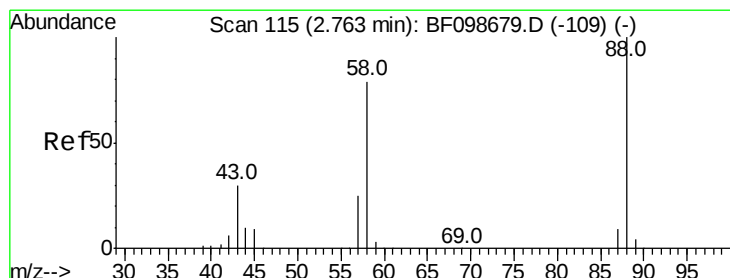
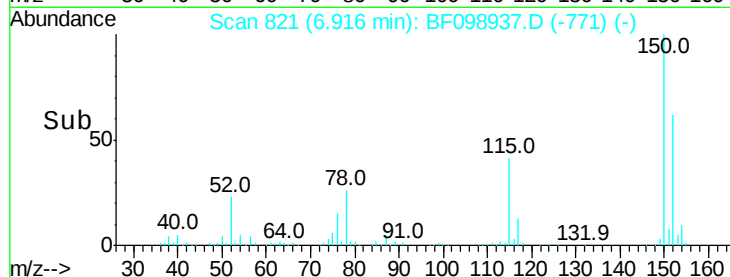
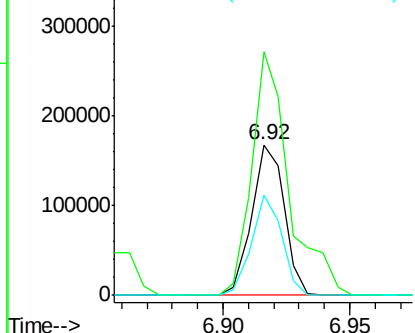
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149220
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 66.7 50.1 75.1



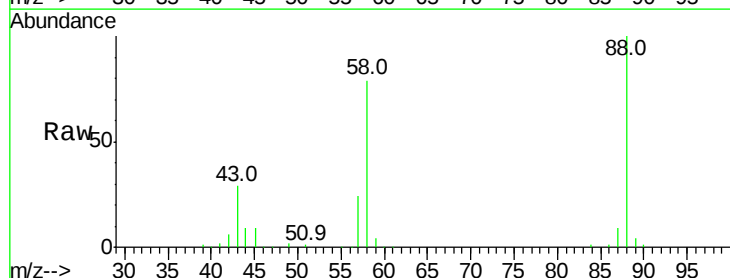
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



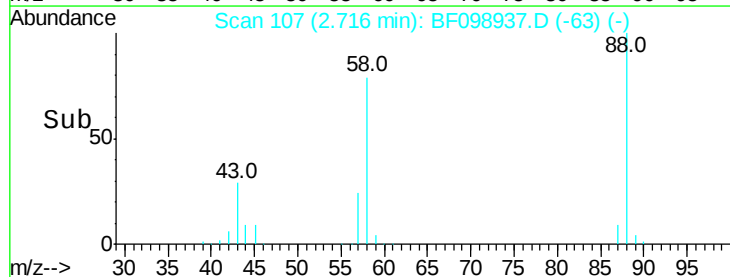
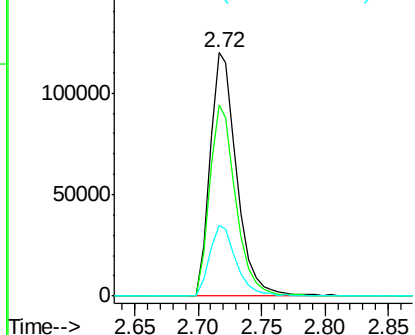
#2

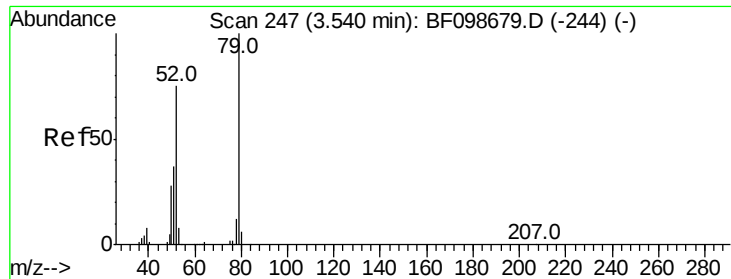
1,4-Dioxane
Concen: 39.279 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.04 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion: 88 Resp: 175881
Ion Ratio Lower Upper
88 100
58 77.2 62.6 93.8
43 29.0 24.6 37.0



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





#3

Pvridine

Concen: 40.326 ng

RT: 3.50 min Scan# 241

Delta R.T. -0.02 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

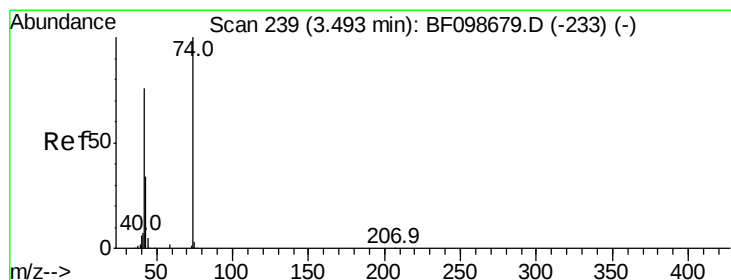
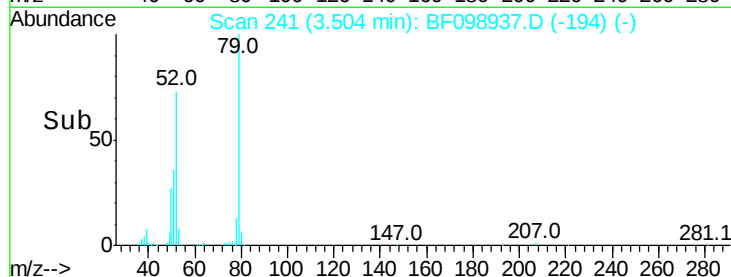
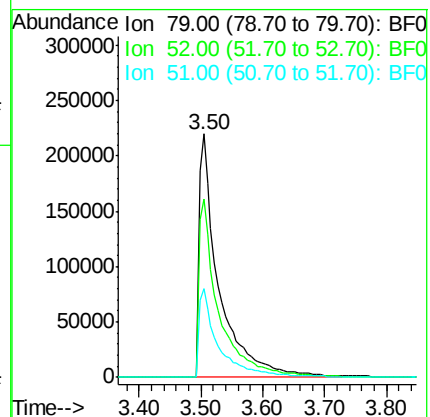
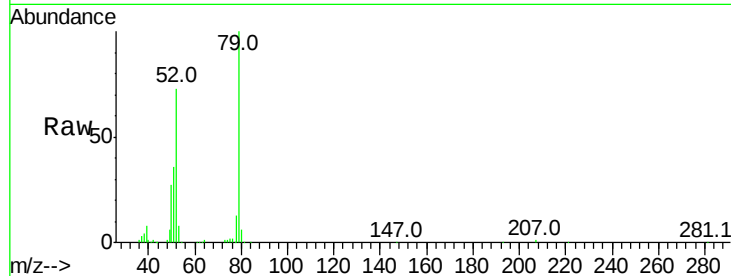
Tot Ion: 79 Resp: 488474

Ion Ratio Lower Upper

79 100

52 73.3 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.426 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.02 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

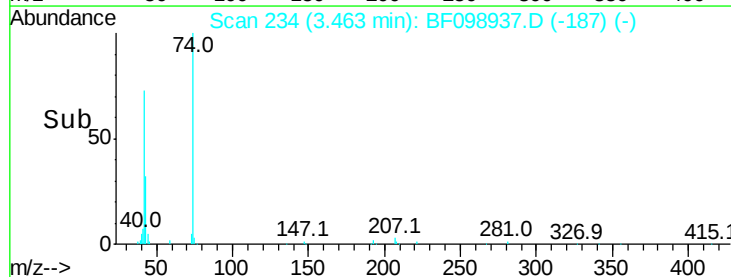
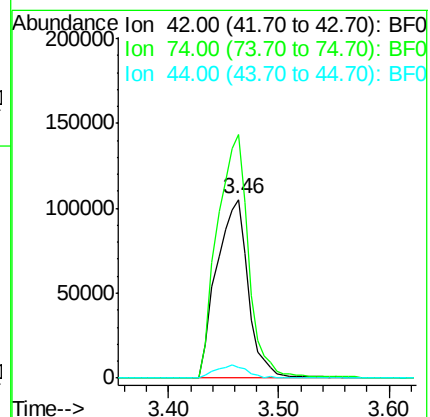
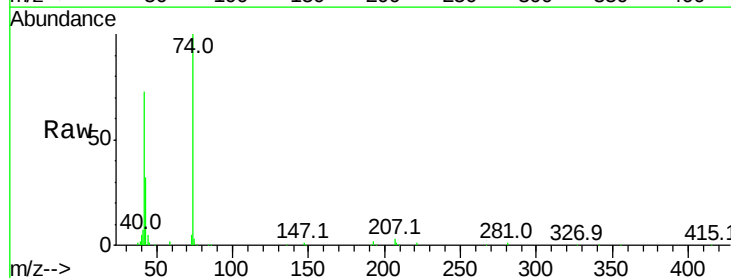
Tgt Ion: 42 Resp: 207649

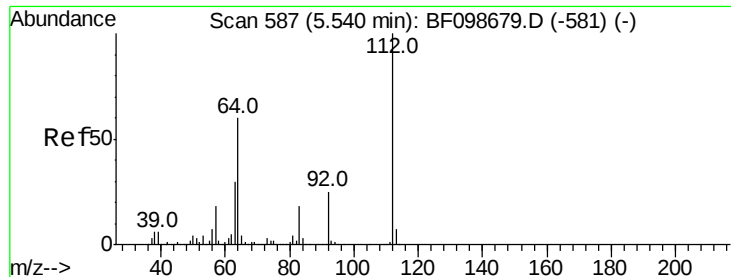
Ion Ratio Lower Upper

42 100

74 136.3 104.9 157.3

44 6.2 6.9 10.3#





#5

2-Fluorophenol

Concen: 80.710 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

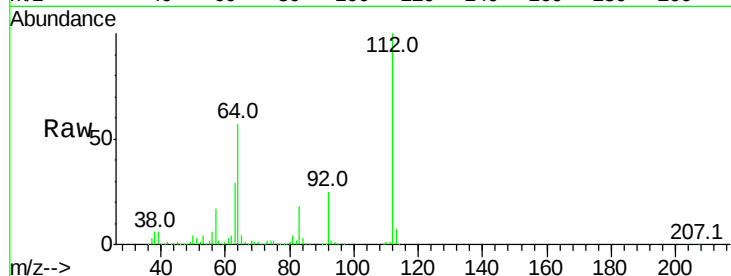
Tot Ion:112 Resp: 756554

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

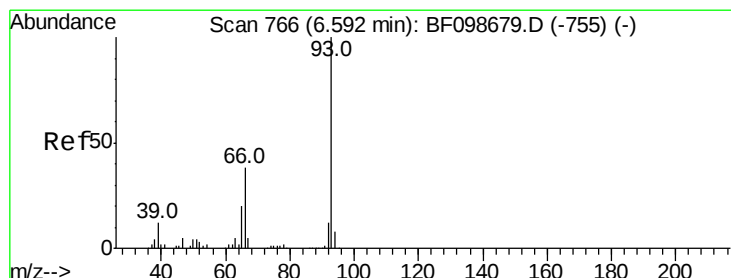
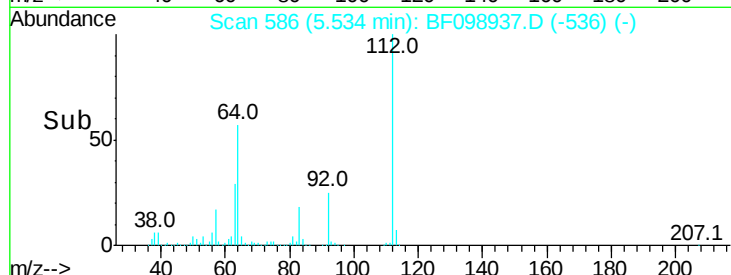
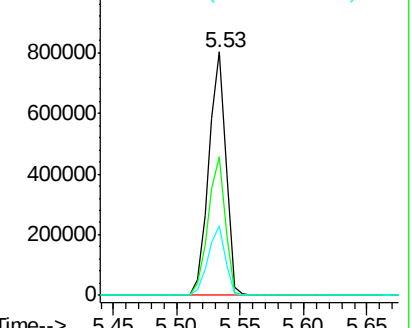
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.385 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

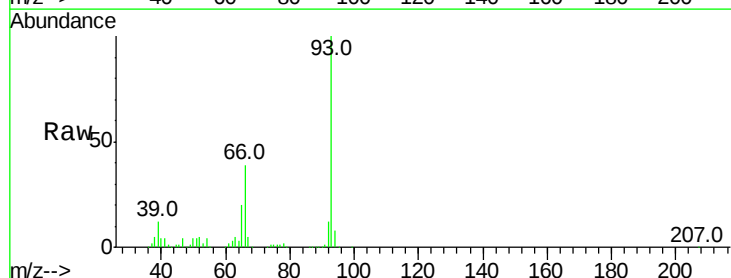
Tgt Ion: 93 Resp: 614678

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

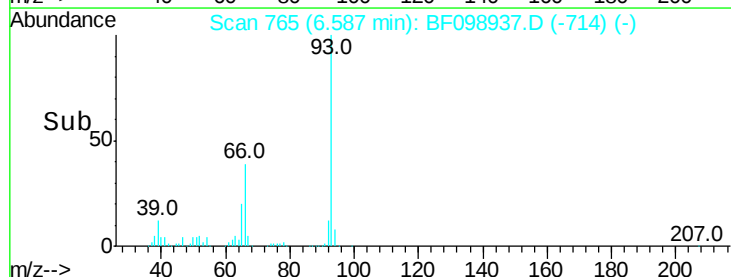
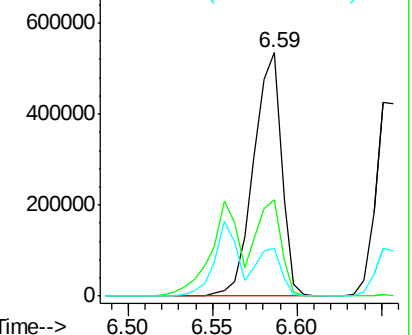
65 19.8 16.4 24.6

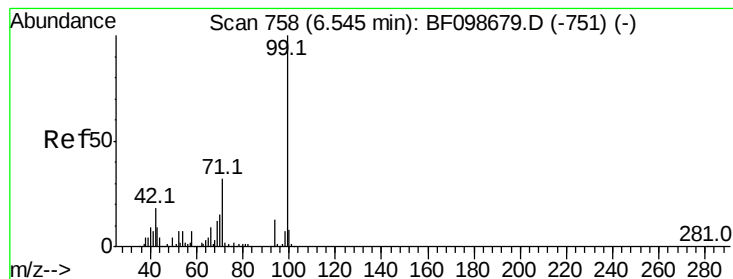


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.029 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

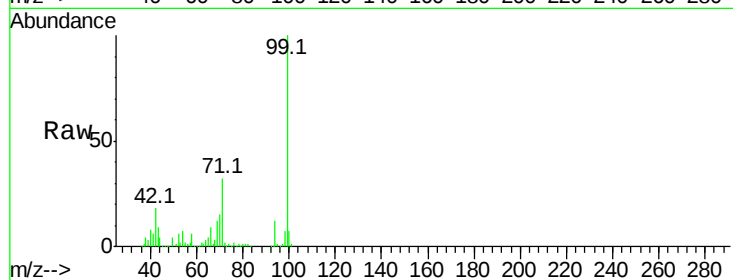
Tot Ion: 99 Resp: 925418

Ion Ratio Lower Upper

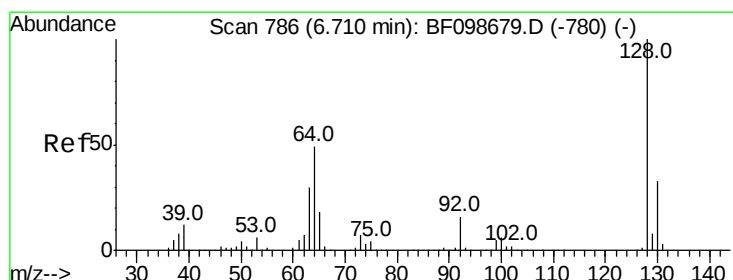
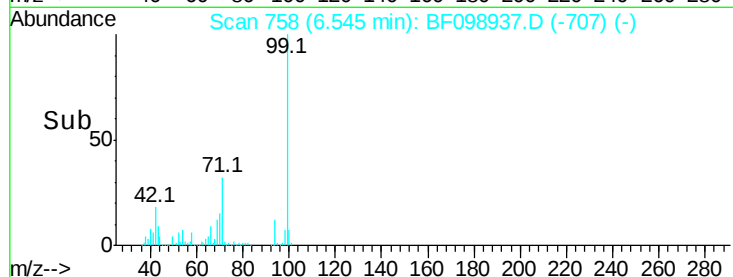
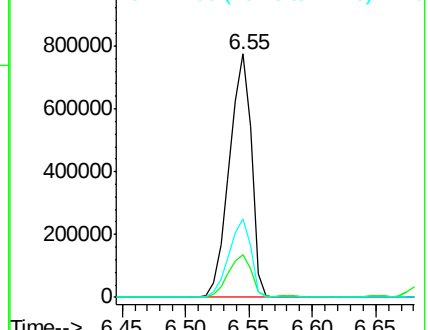
99 100

42 17.7 14.5 21.7

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.737 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

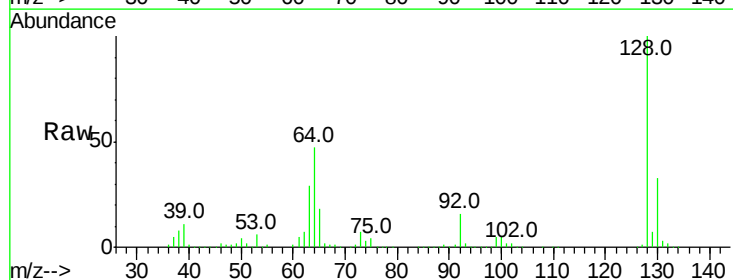
Tgt Ion: 128 Resp: 421817

Ion Ratio Lower Upper

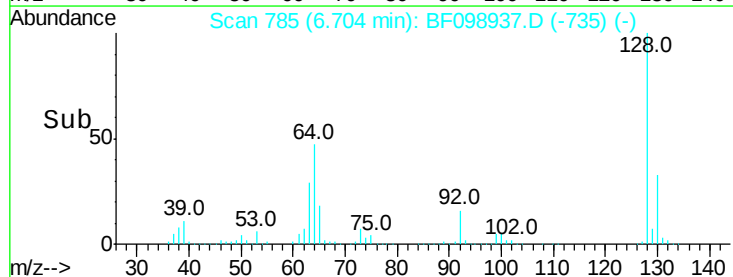
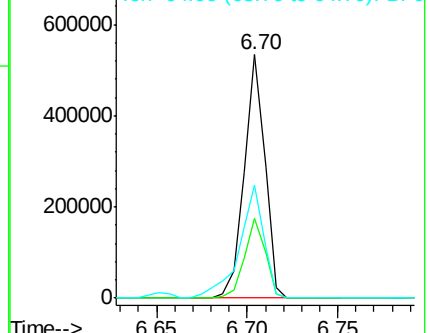
128 100

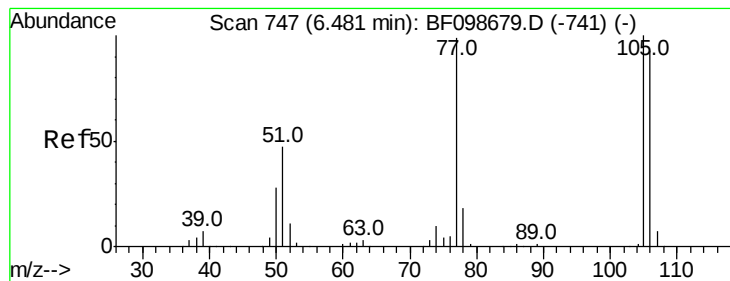
130 32.8 13.0 53.0

64 46.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.265 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

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ClientSampleId :

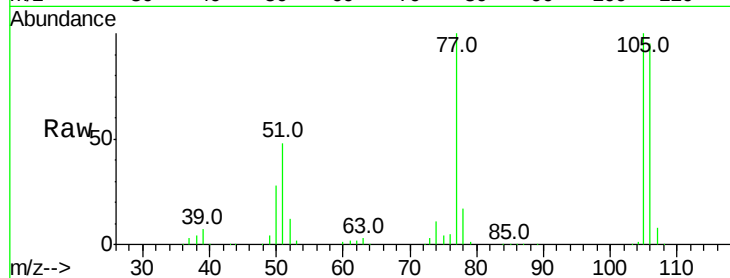
Tot Ion: 77 Resp: 249960

Ion Ratio Lower Upper

77 100

105 99.9 81.1 121.1

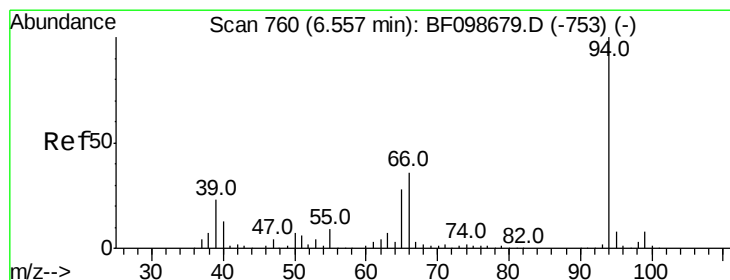
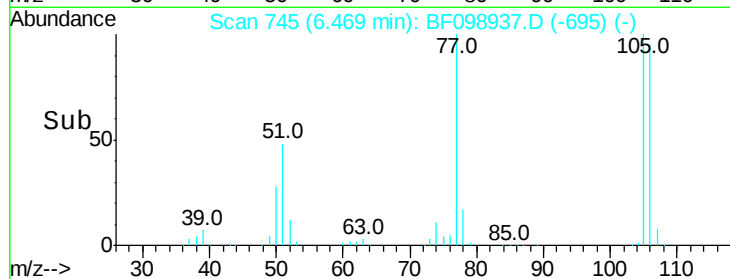
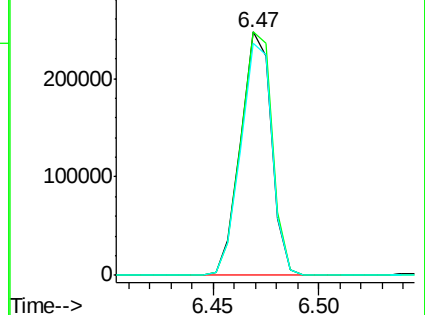
106 95.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.092 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

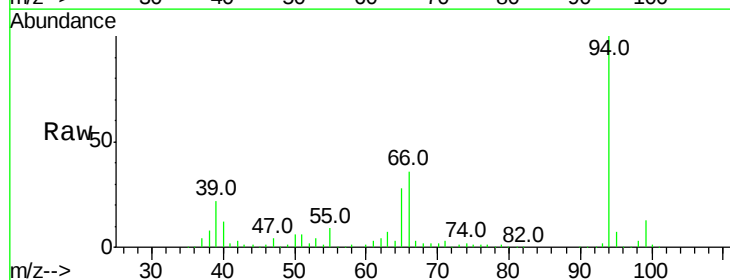
Tgt Ion: 94 Resp: 518484

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

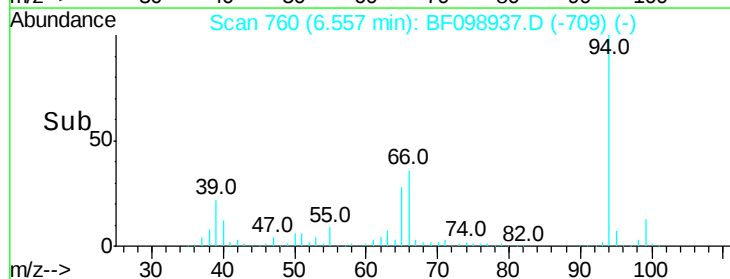
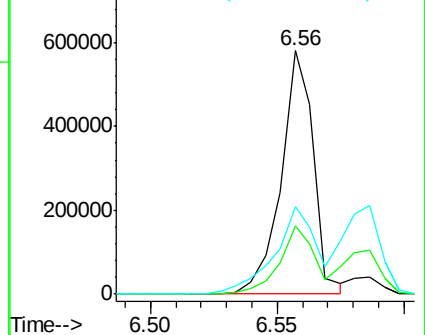
66 36.0 16.2 56.2

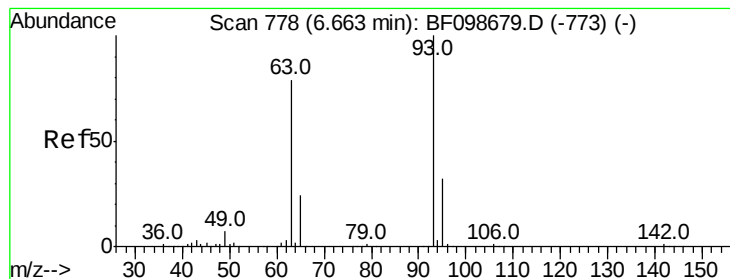


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.713 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

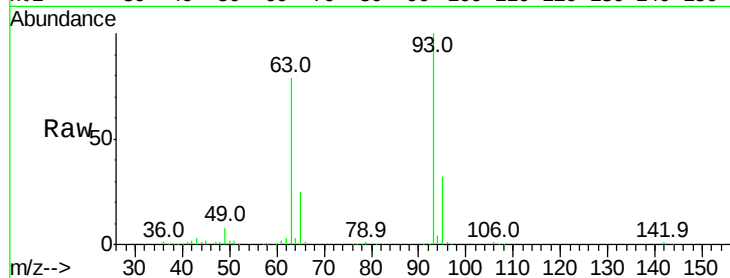
Tot Ion: 93 Resp: 399270

Ion Ratio Lower Upper

93 100

63 78.6 58.6 98.6

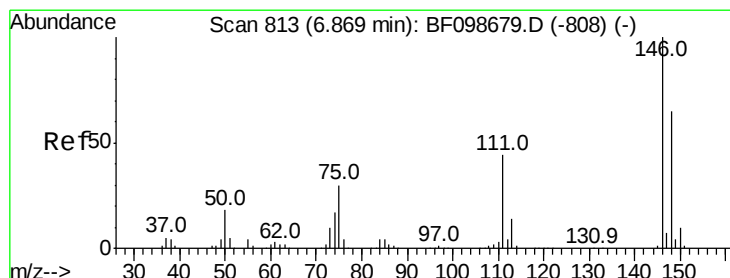
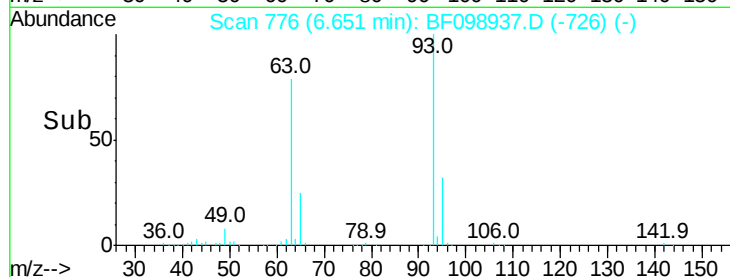
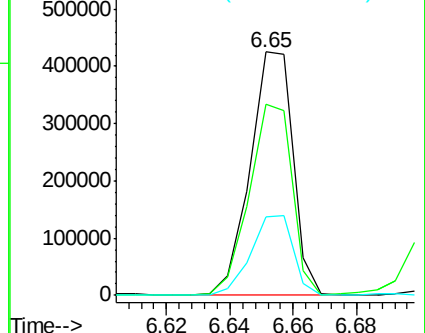
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.207 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

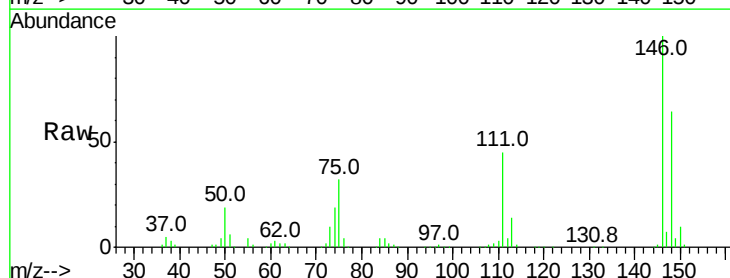
Tgt Ion: 146 Resp: 435871

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

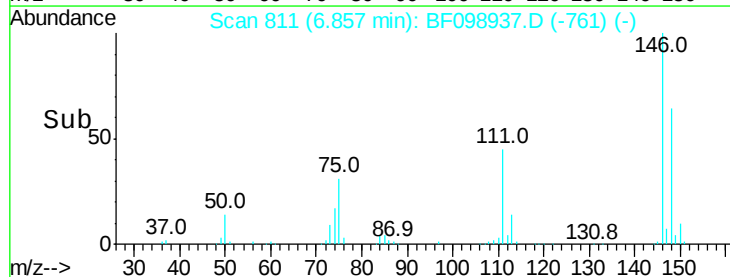
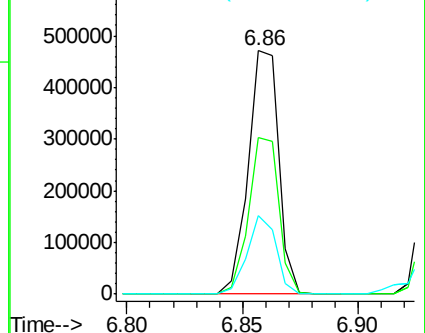
75 32.3 24.2 36.4

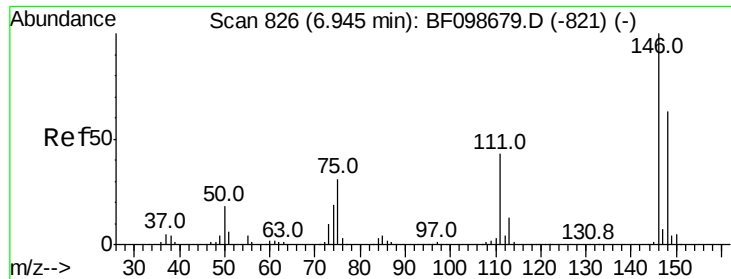


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

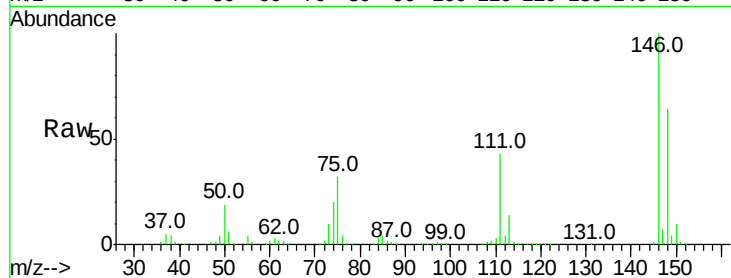




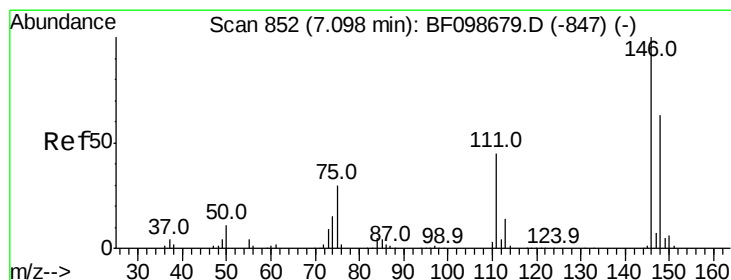
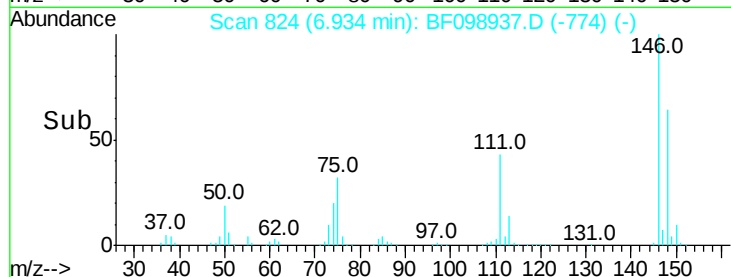
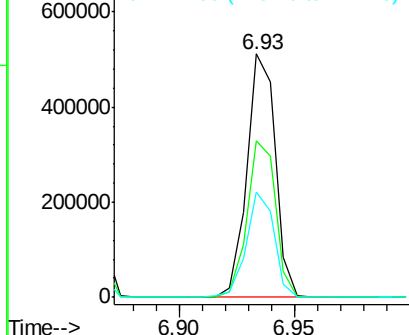
#13
 1,4-Dichlorobenzene
 Concen: 39.009 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 441233
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 43.5 34.2 51.2

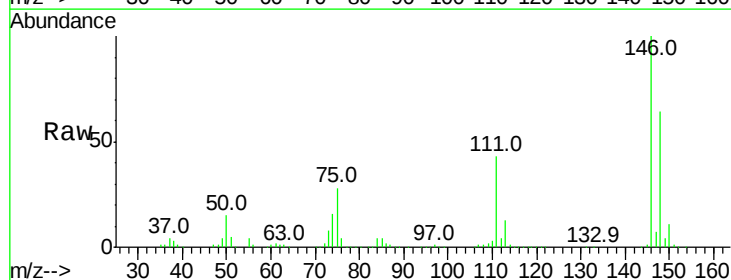


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

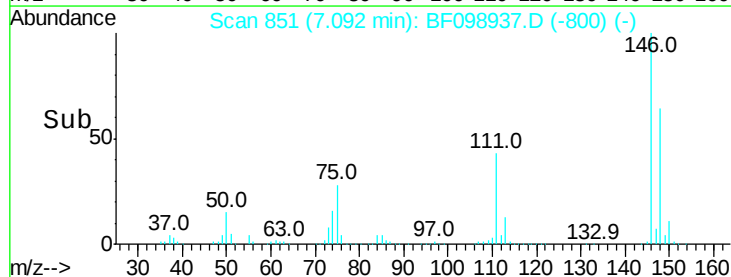
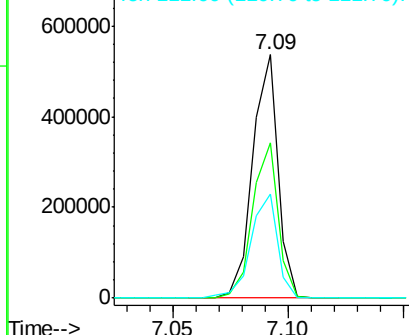


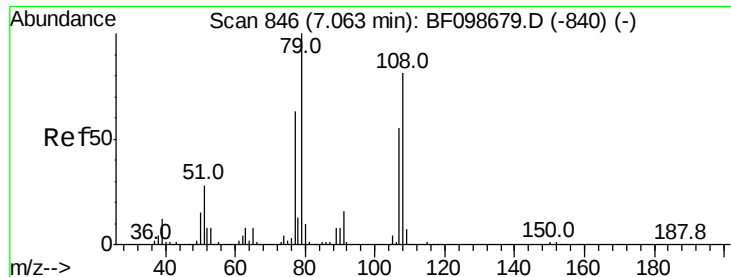
#14
 1,2-Dichlorobenzene
 Concen: 39.592 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:146 Resp: 413795
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 42.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.469 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

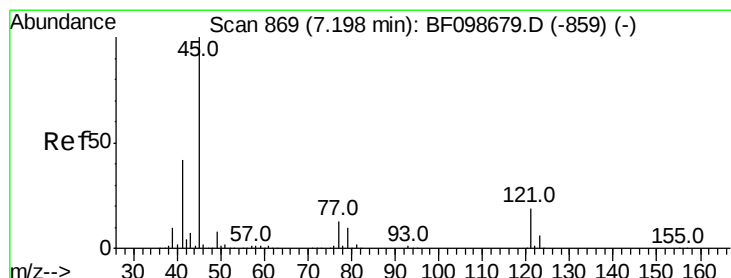
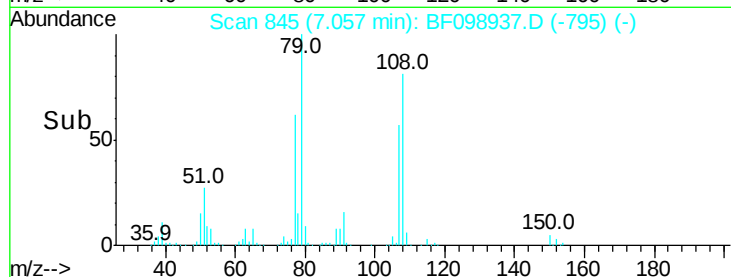
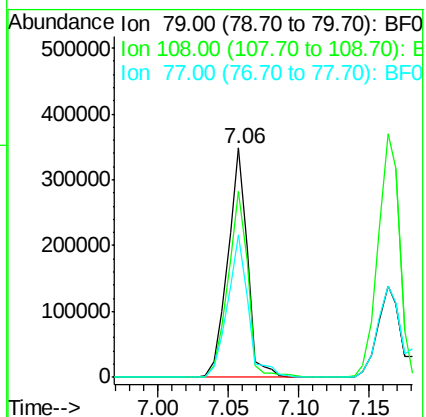
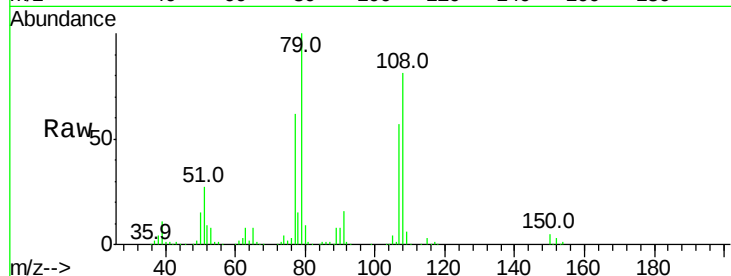
Tot Ion: 79 Resp: 334821

Ion Ratio Lower Upper

79 100

108 80.9 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.661 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

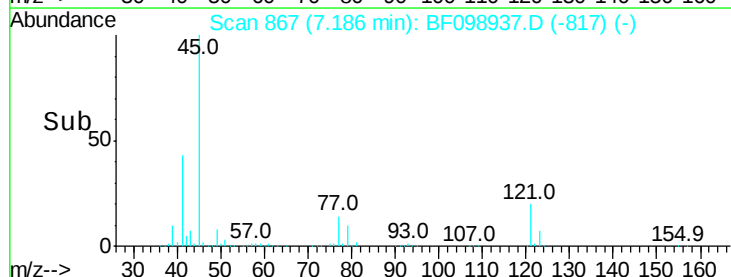
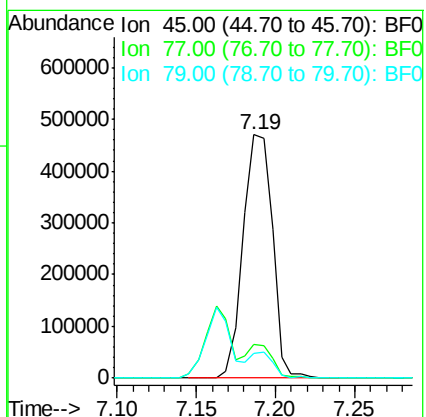
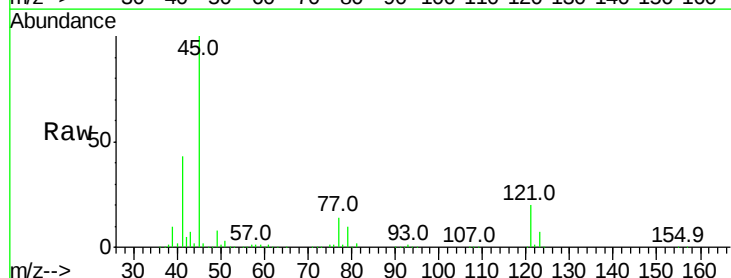
Tgt Ion: 45 Resp: 605584

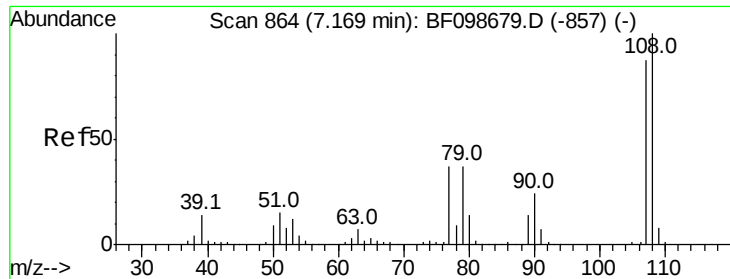
Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

79 10.1 0.0 29.6

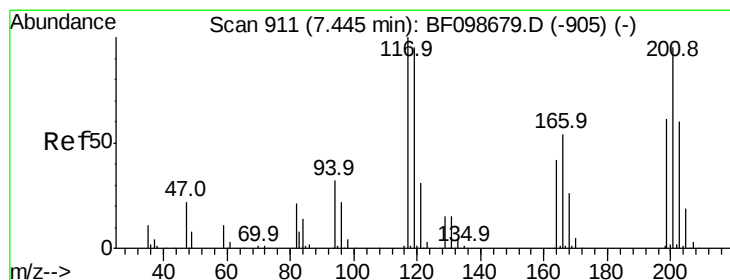
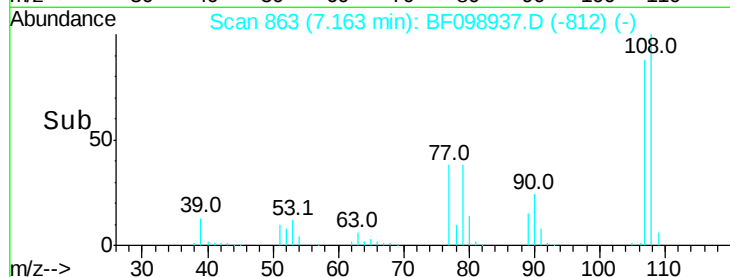
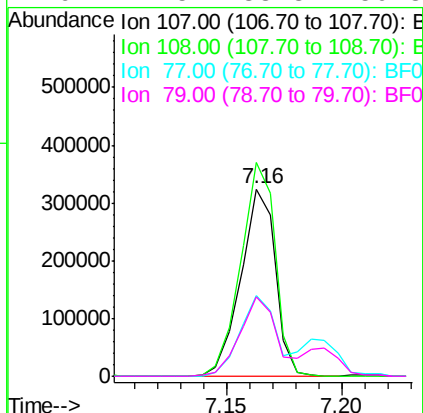
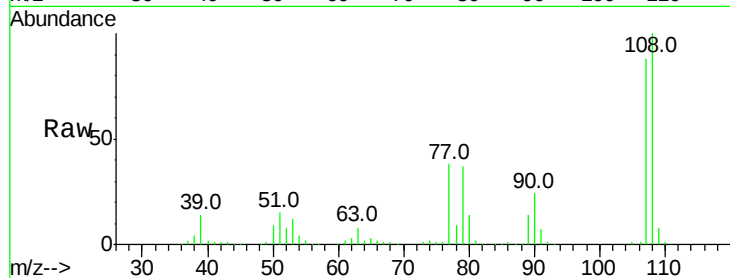




#17
2-Methylphenol
Concen: 39.091 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

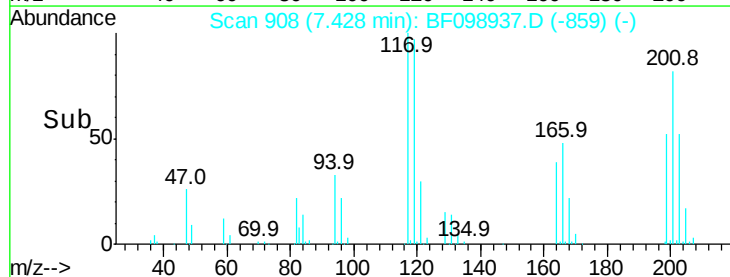
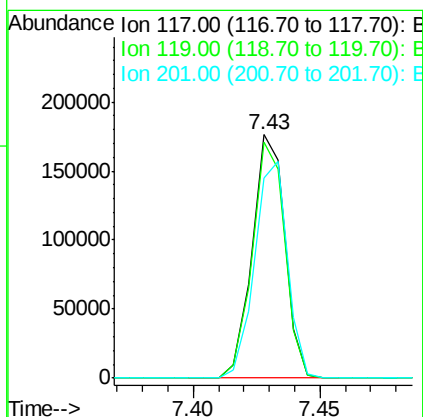
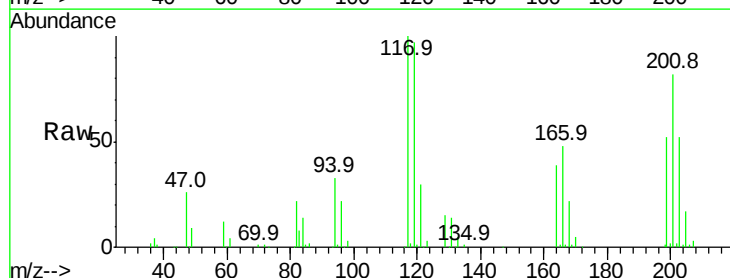
Instrument :
BNA_F
ClientSampled :

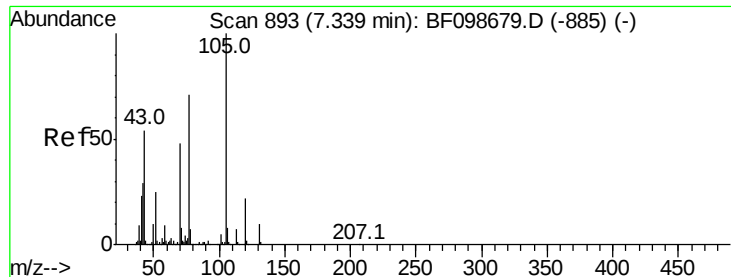
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	43.1	33.8	50.8
79	42.5	33.8	50.8



#18
Hexachloroethane
Concen: 39.096 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	82.4	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.276 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 275205

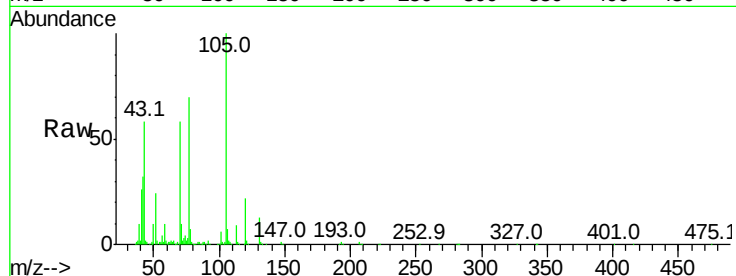
Ion Ratio Lower Upper

70 100

42 56.0 47.5 71.3

101 10.0 7.4 11.2

130 21.9 16.6 25.0

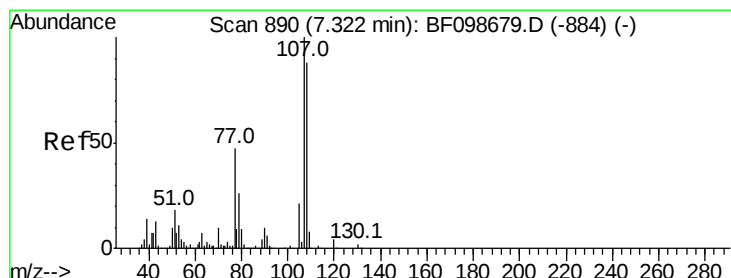
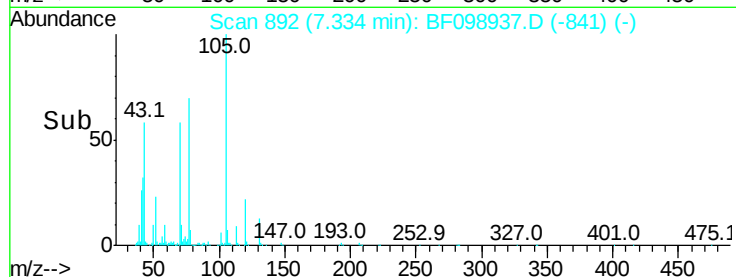
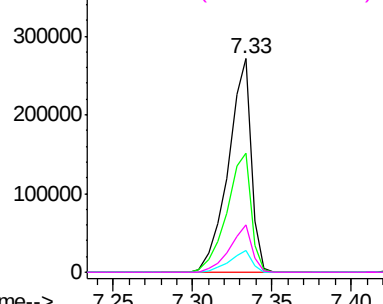


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 38.332 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Tgt Ion: 107 Resp: 421194

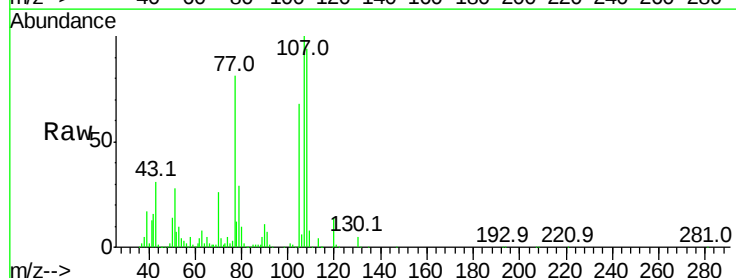
Ion Ratio Lower Upper

107 100

108 94.0 68.2 108.2

77 80.7 26.7 66.7#

79 28.8 6.3 46.3

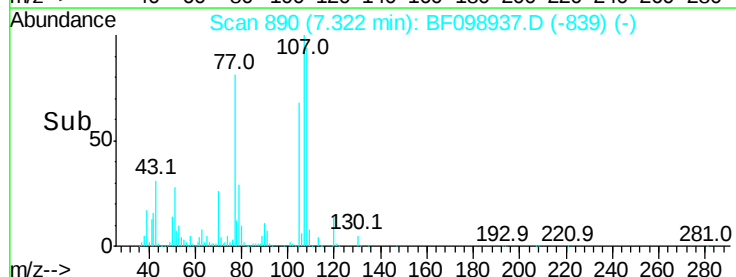
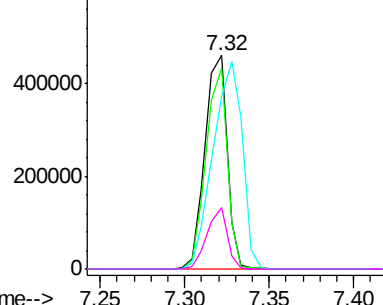


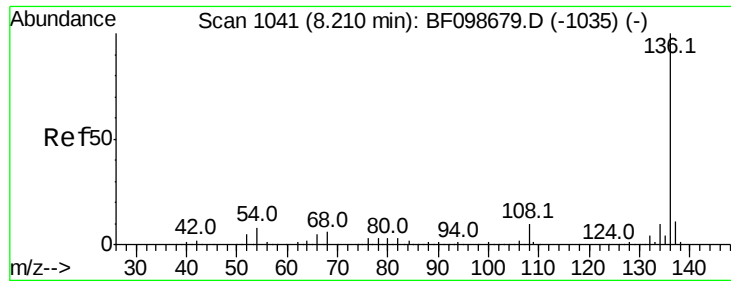
Abundance Ion 107.00 (106.70 to 107.70): BF0

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

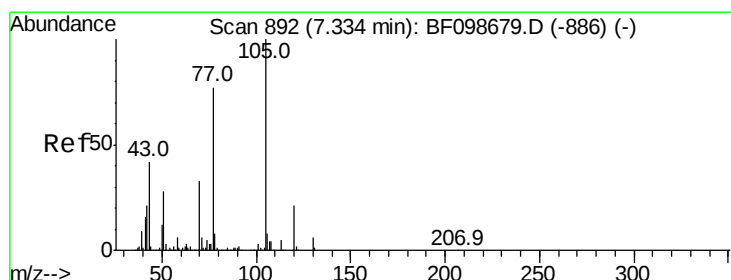
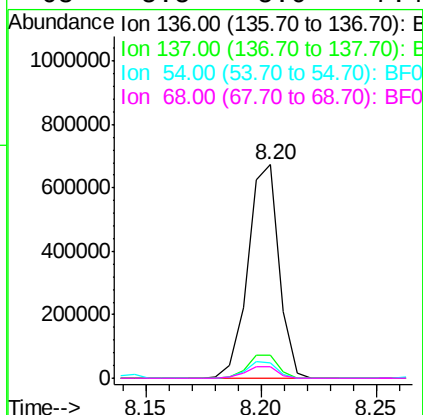
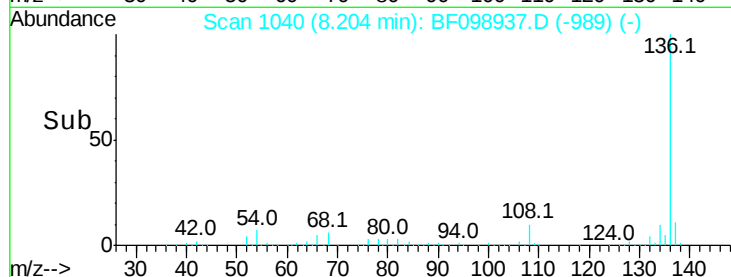
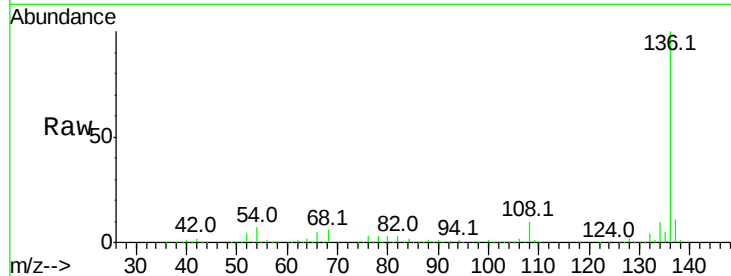




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

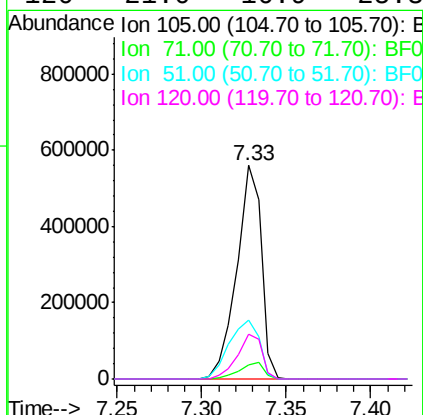
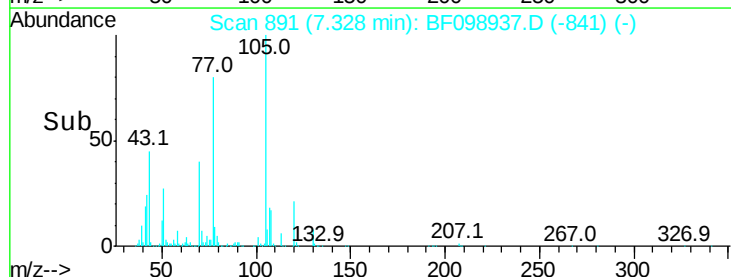
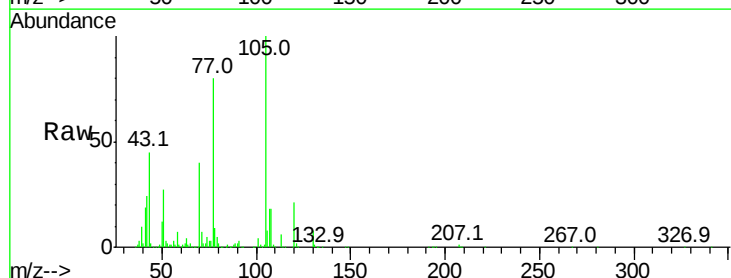
Instrument :
BNA_F
ClientSampled :

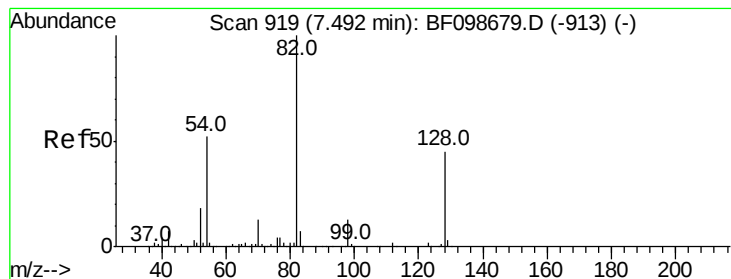
Tot Ion:136	Resp:	632774
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.1	6.6 9.8
68	5.5	5.0 7.4



#22
Acetophenone
Concen: 36.980 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:105	Resp:	566940
Ion	Ratio	Lower Upper
105	100	
71	6.7	4.4 6.6#
51	27.5	22.3 33.5
120	21.0	16.9 25.3





#23

Nitrobenzene-d5

Concen: 80.330 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

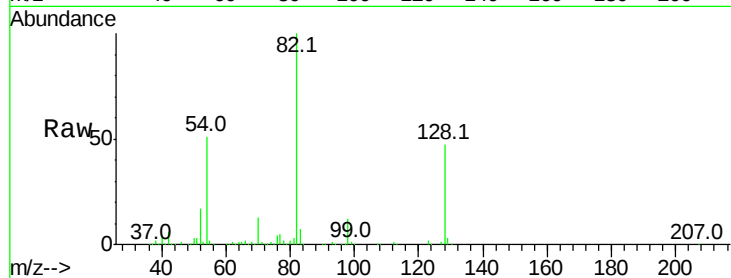
Tot Ion: 82 Resp: 792620

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

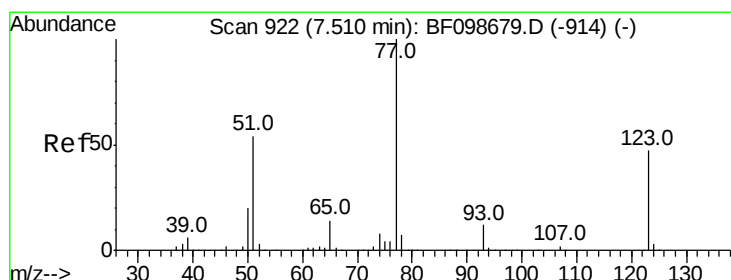
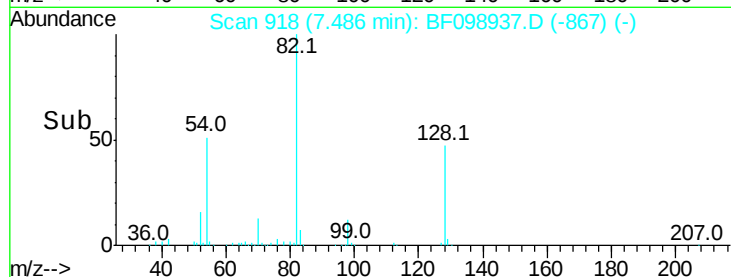
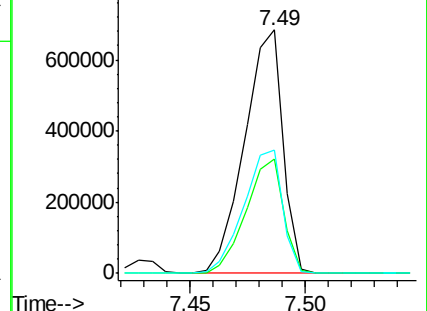
54 50.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.083 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

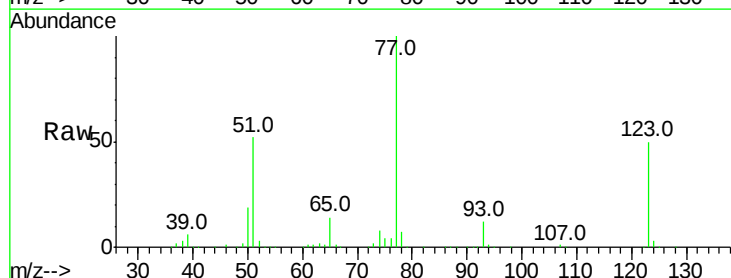
Tgt Ion: 77 Resp: 437450

Ion Ratio Lower Upper

77 100

123 50.2 37.9 56.9

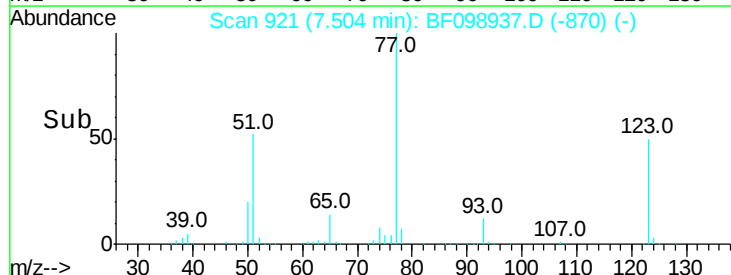
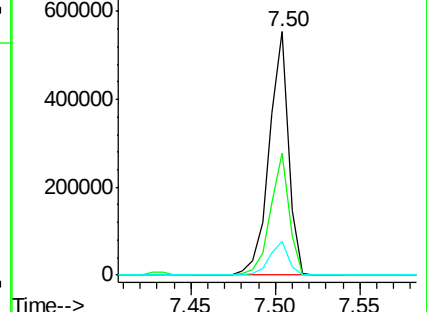
65 13.6 11.0 16.4

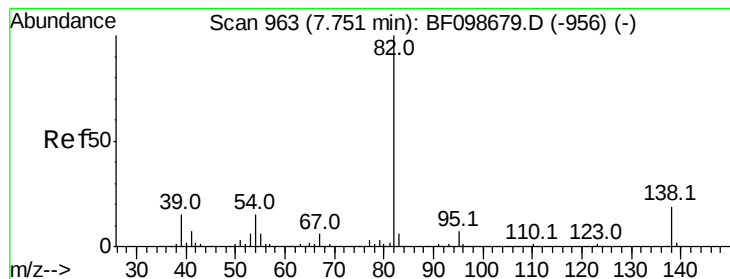


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.345 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

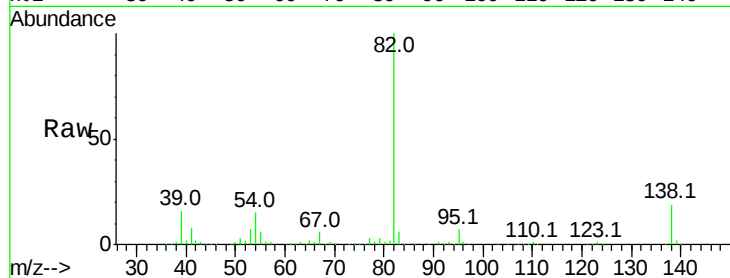
Tot Ion: 82 Resp: 782250

Ion Ratio Lower Upper

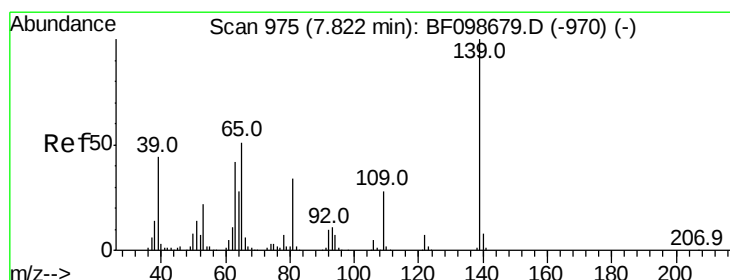
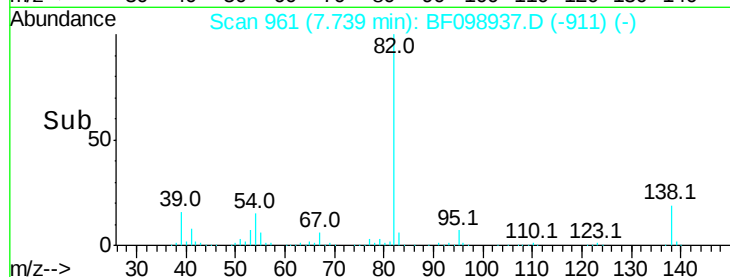
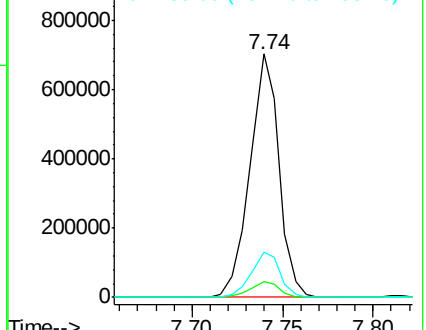
82 100

95 6.7 5.2 7.8

138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.722 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

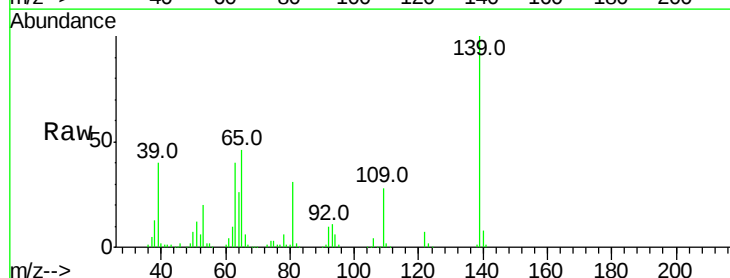
Tgt Ion: 139 Resp: 229946

Ion Ratio Lower Upper

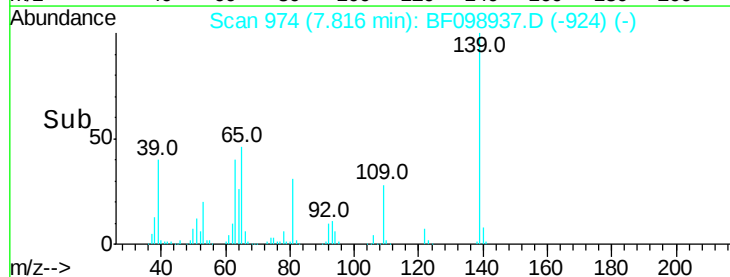
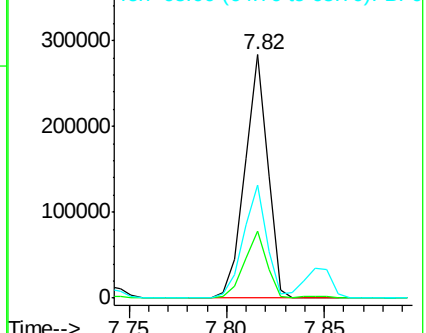
139 100

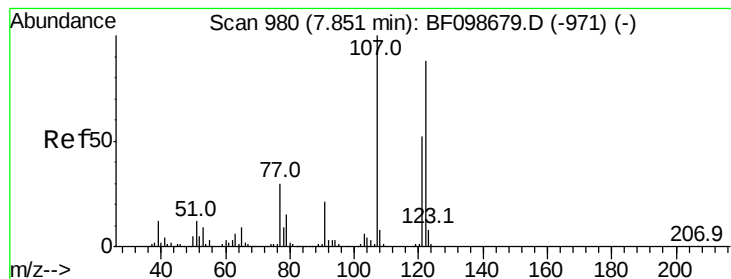
109 27.6 22.7 34.1

65 46.4 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 37.808 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

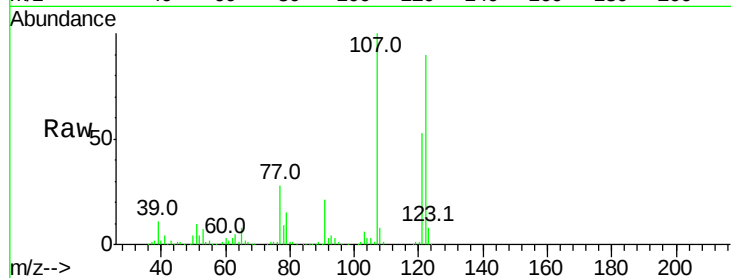
Tot Ion:122 Resp: 384310

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

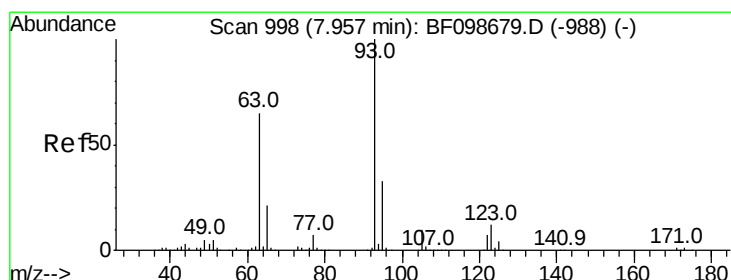
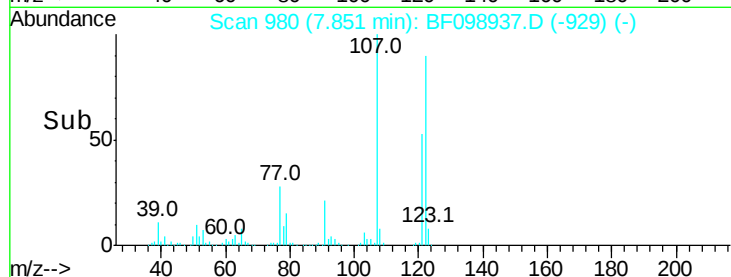
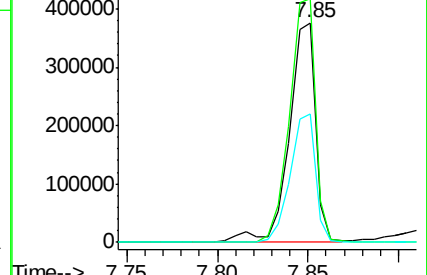
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.836 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

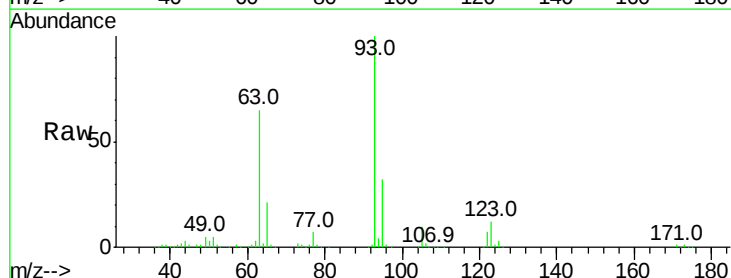
Tgt Ion: 93 Resp: 493727

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

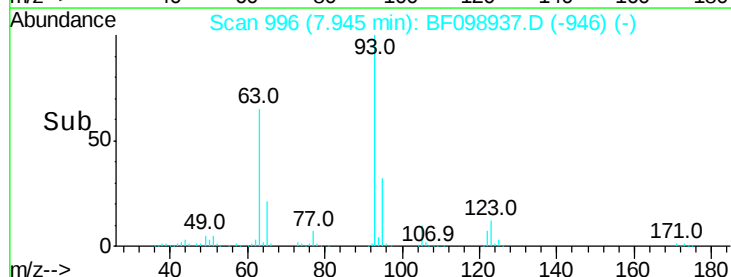
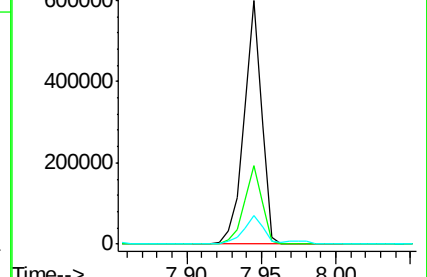
123 11.7 9.8 14.6

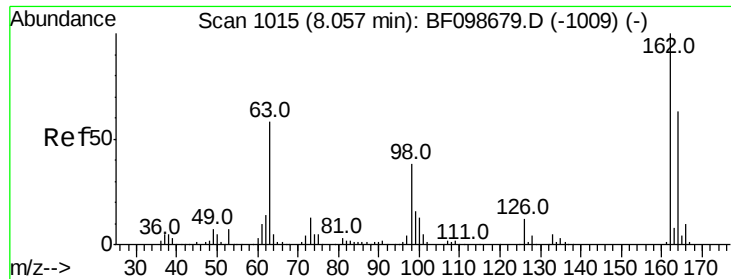


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

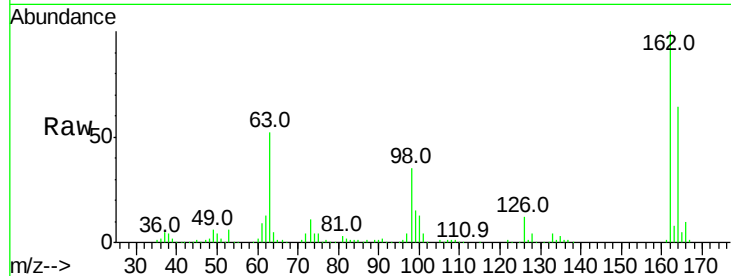




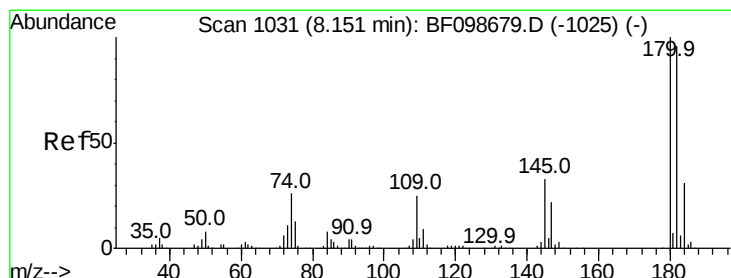
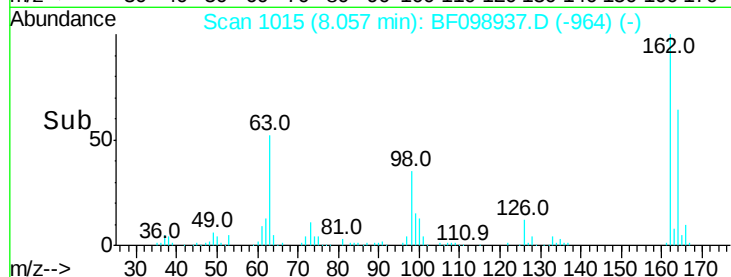
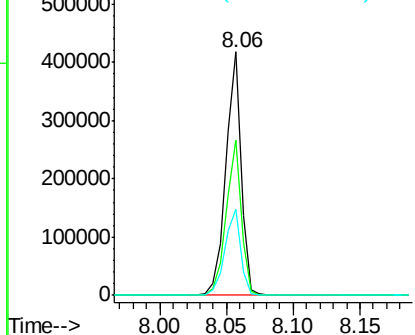
#29
 2,4-Dichlorophenol
 Concen: 39.135 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.3	18.1	58.1

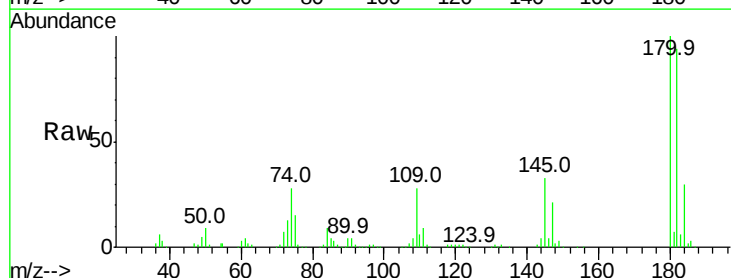


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

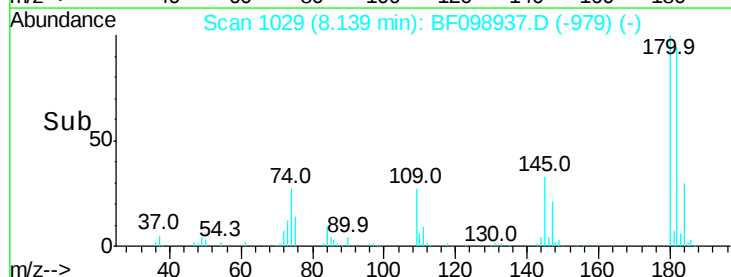
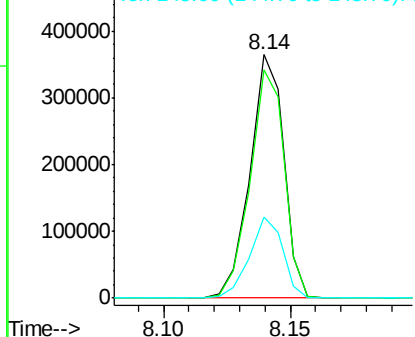


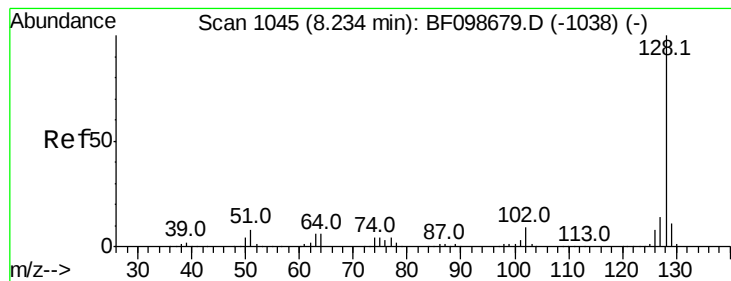
#30
 1,2,4-Trichlorobenzene
 Concen: 38.882 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	33.1	26.5	39.7



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





#31

Naphthalene

Concen: 38.182 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

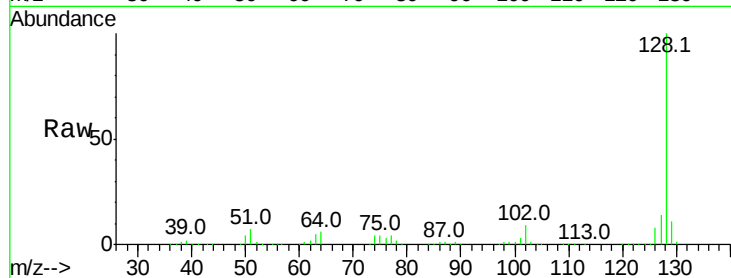
Tot Ion:128 Resp: 1134734

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

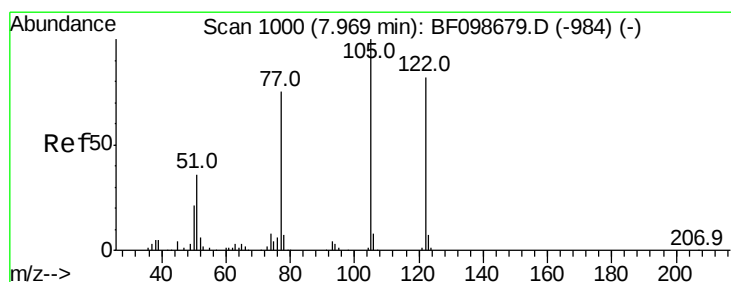
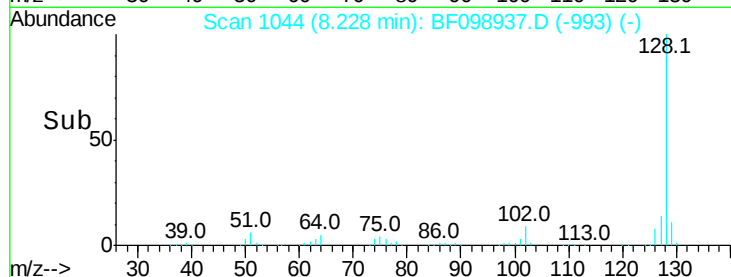
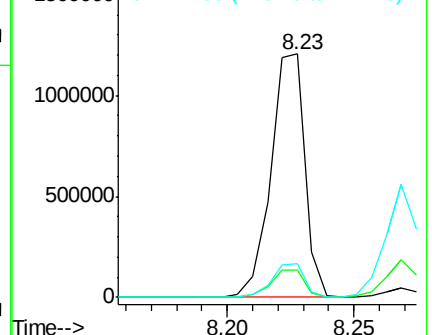
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.695 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

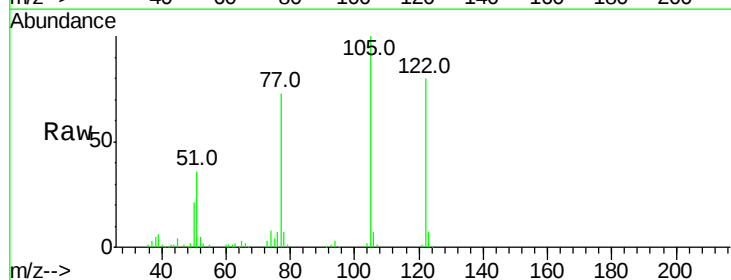
Tgt Ion:122 Resp: 247941

Ion Ratio Lower Upper

122 100

105 125.2 101.1 141.1

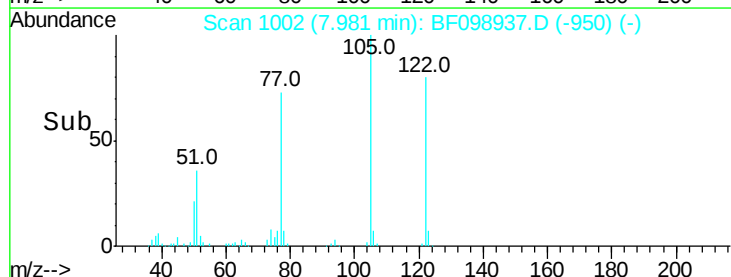
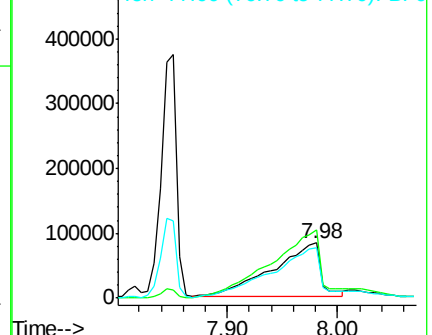
77 91.4 70.7 110.7

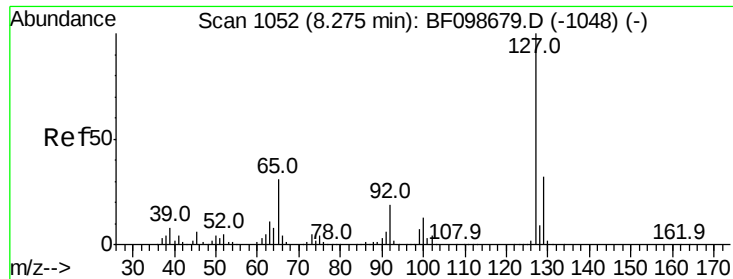


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

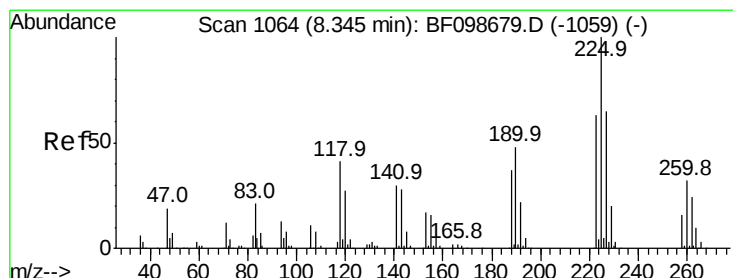
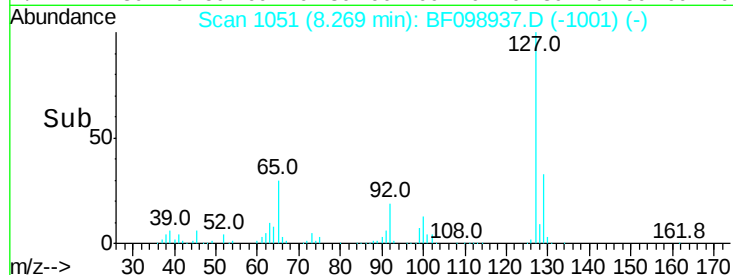
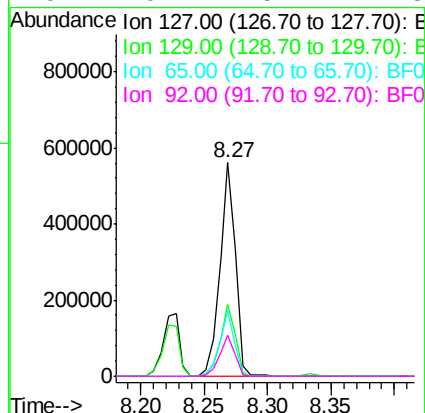
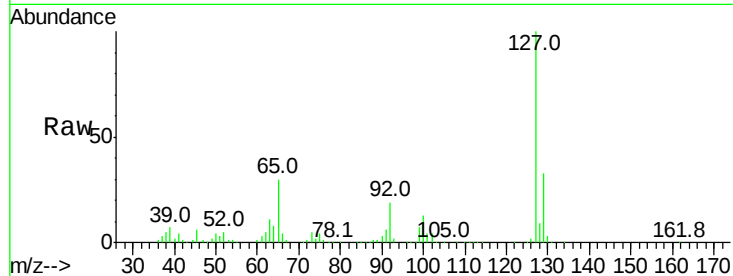




#33
 4-Chloroaniline
 Concen: 38.901 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

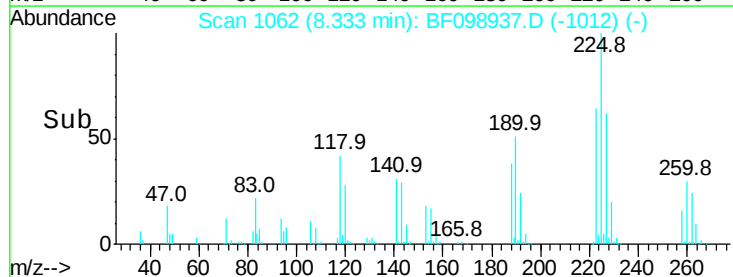
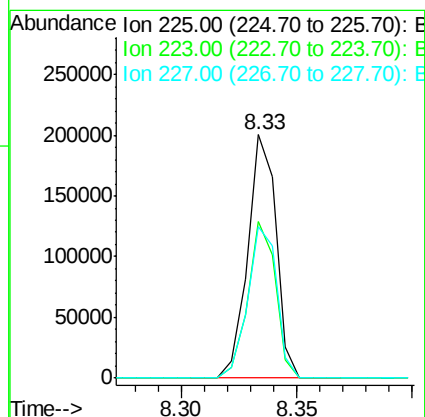
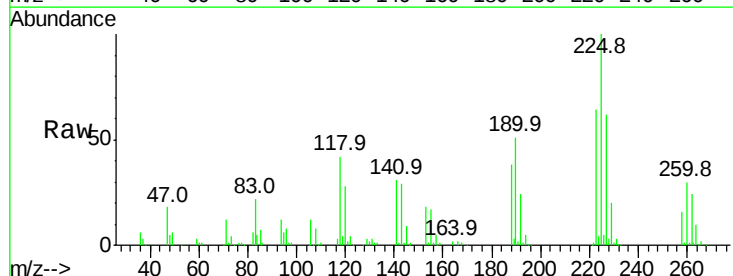
Instrument :
 BNA_F
 ClientSampleId :

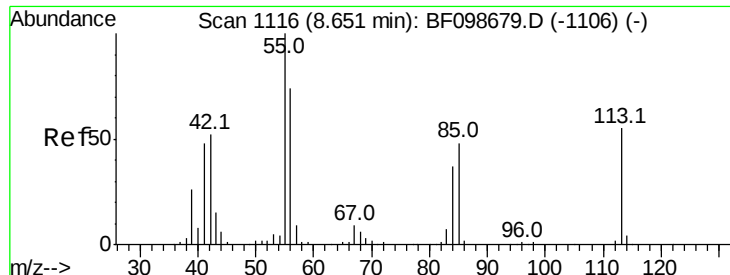
Tot Ion:	127	Resp:	482783
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	30.3	25.0	37.4
92	19.2	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 38.402 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:	225	Resp:	172647
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.1	51.9	77.9

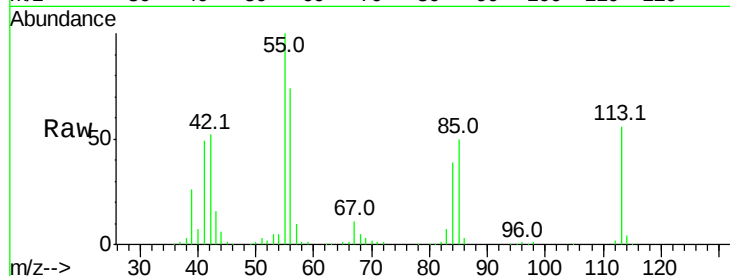




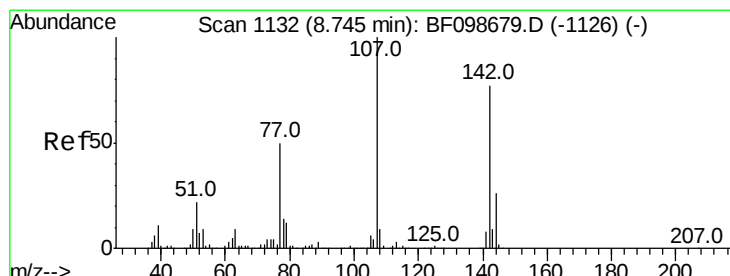
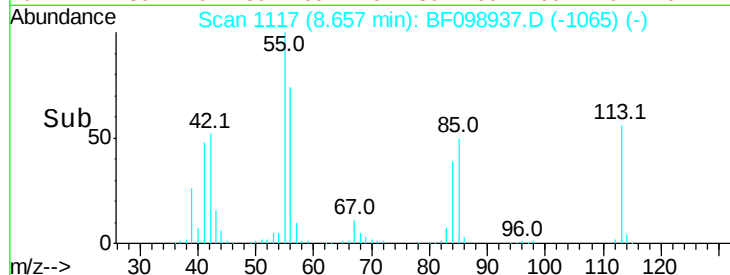
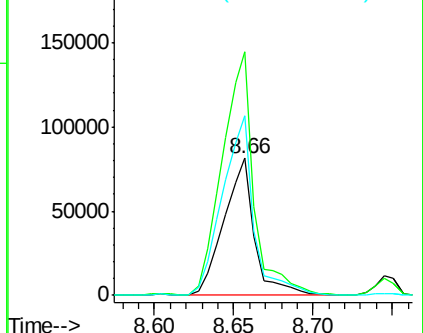
#35
 Caprolactam
 Concen: 39.016 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 109223
 Ion Ratio Lower Upper
 113 100
 55 177.7 163.3 203.3
 56 130.8 115.7 155.7

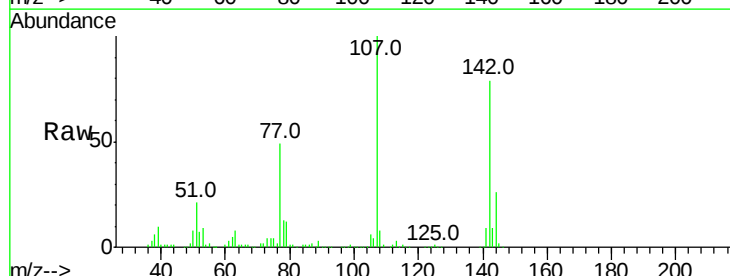


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

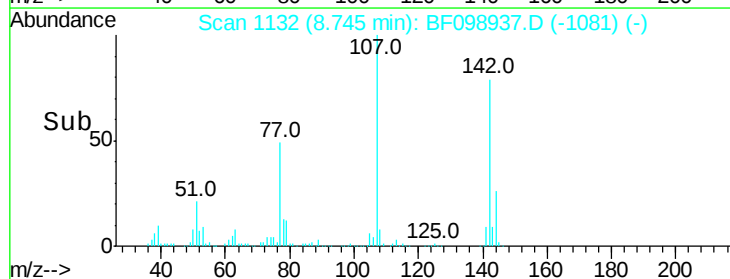
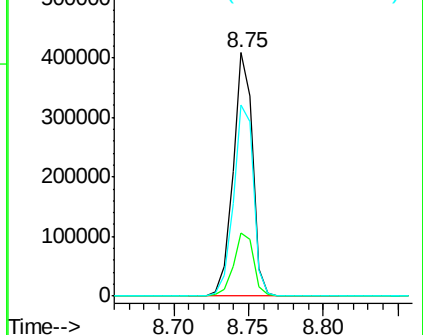


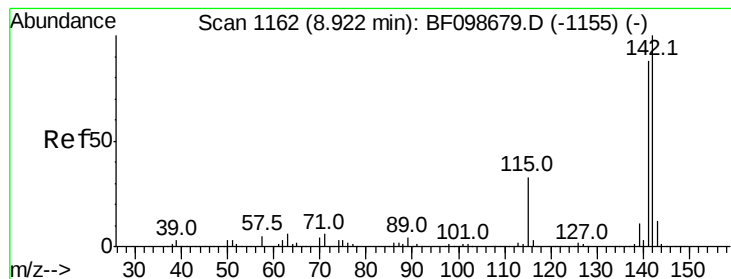
#36
 4-Chloro-3-methylphenol
 Concen: 38.463 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:107 Resp: 377292
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

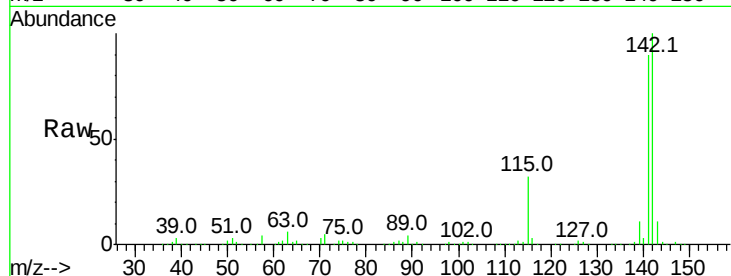




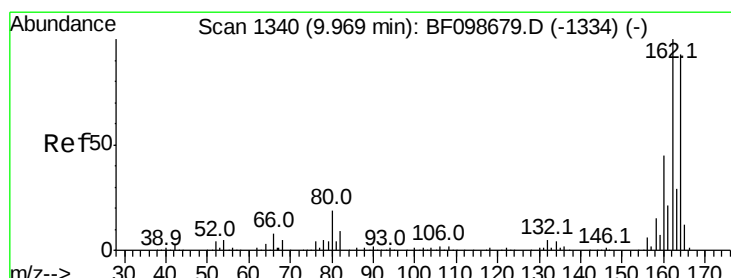
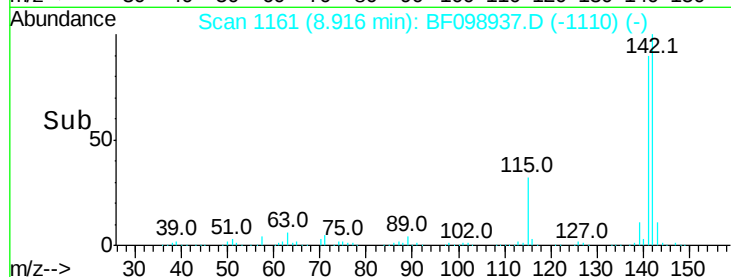
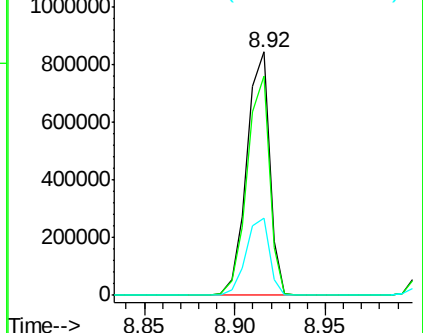
#37
 2-Methylnaphthalene
 Concen: 38.324 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	31.9	26.1	39.1

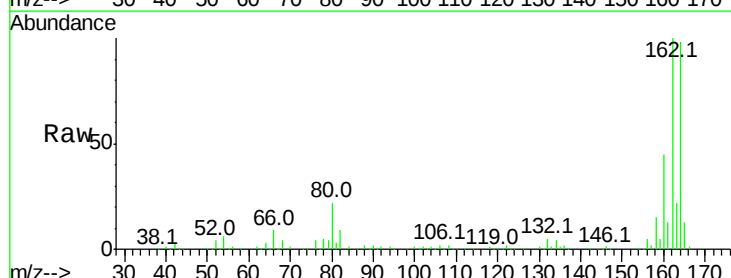


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

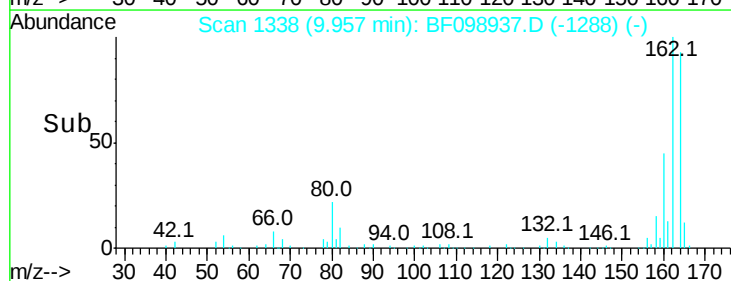
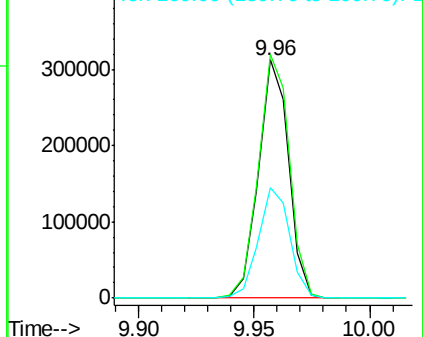


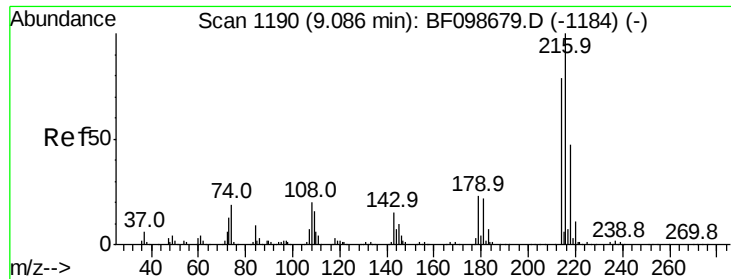
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.3	38.3	57.5



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

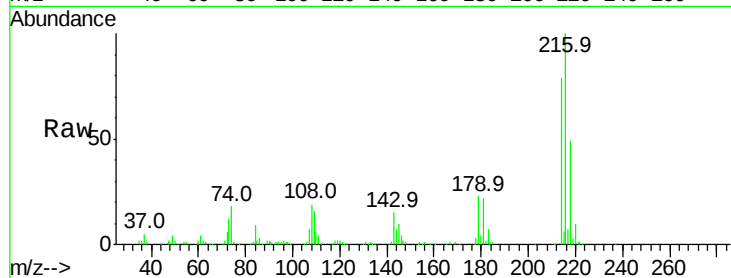




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.127 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	23.0	18.1	27.1
108	21.2	17.2	25.8

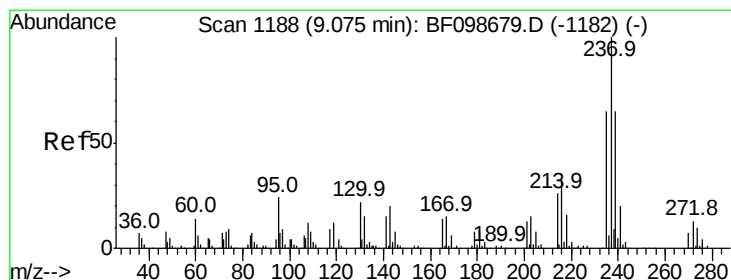
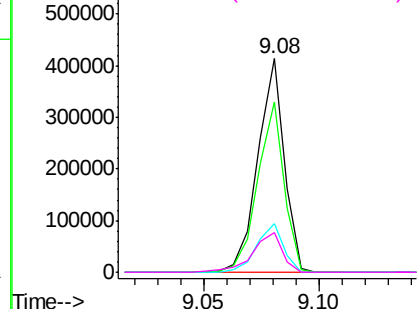
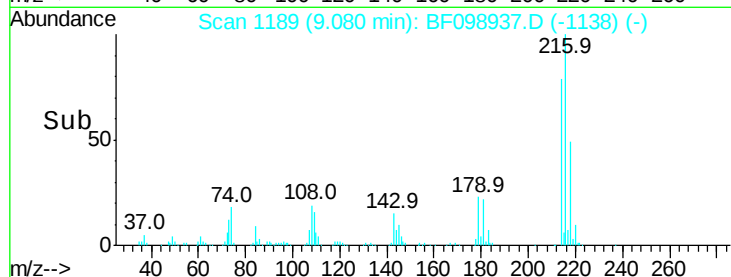


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

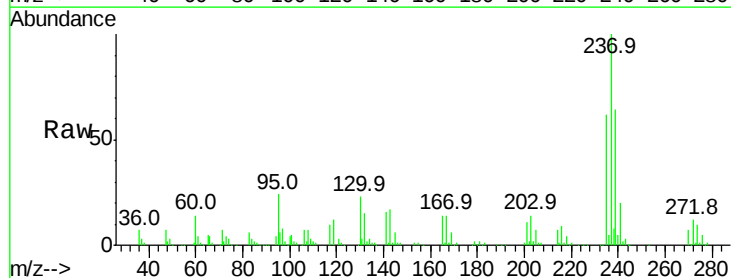
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 35.722 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

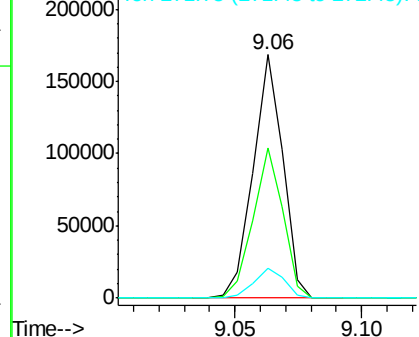
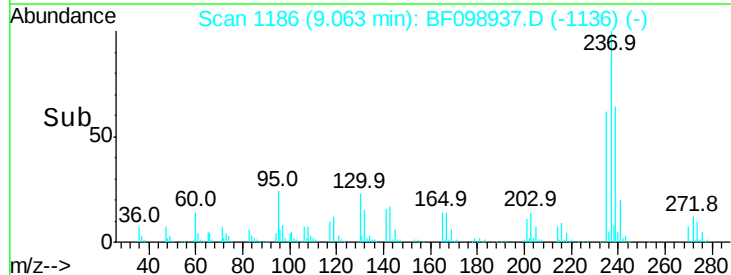
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	12.4	0.0	33.3

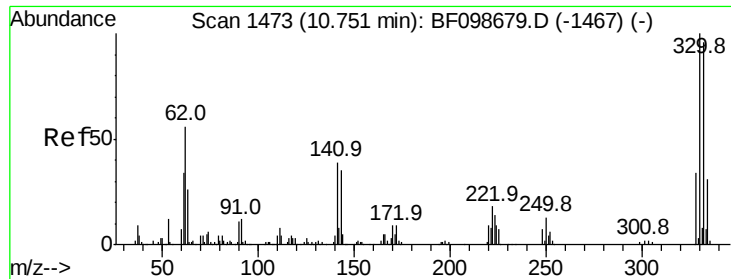


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

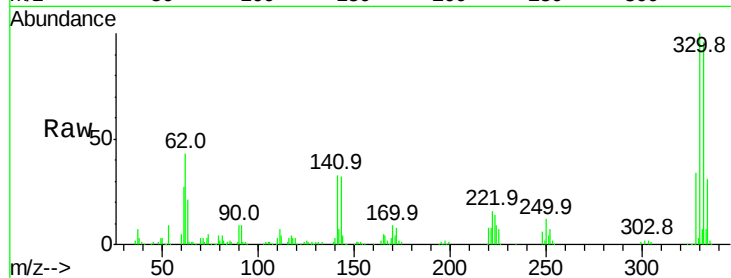




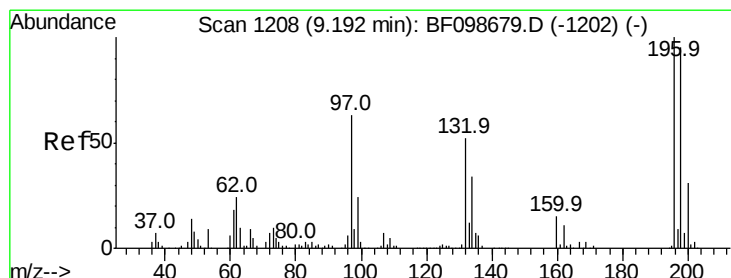
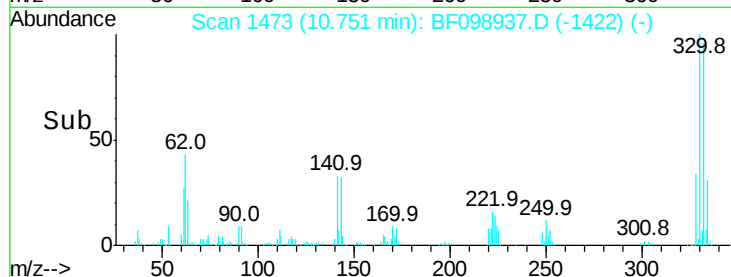
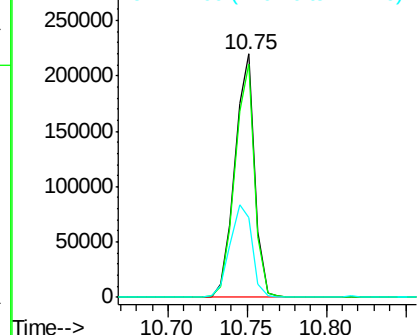
#41
 2,4,6-Tribromophenol
 Concen: 81.606 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	42.3	29.9	44.9

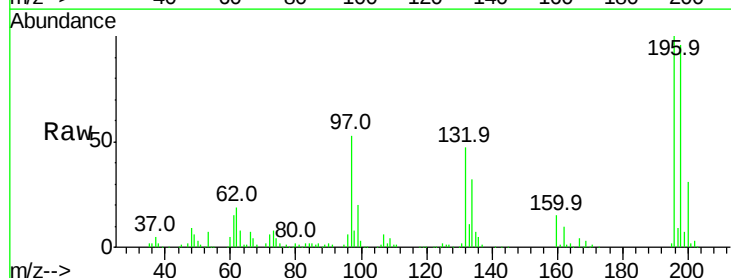


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

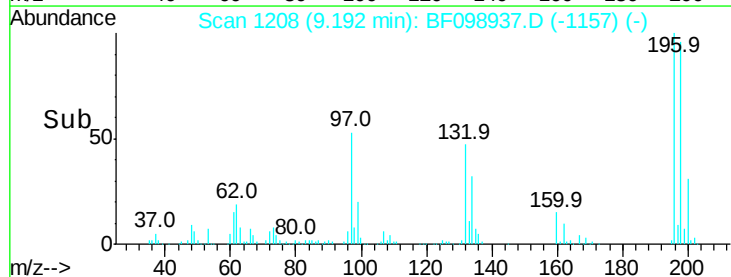
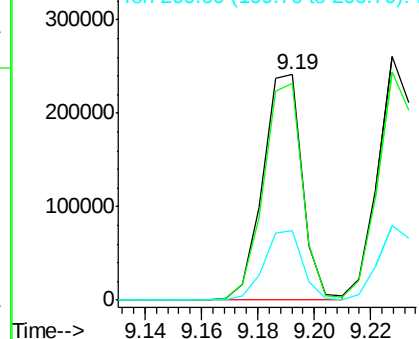


#42
 2,4,6-Trichlorophenol
 Concen: 38.977 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	30.7	24.5	36.7



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

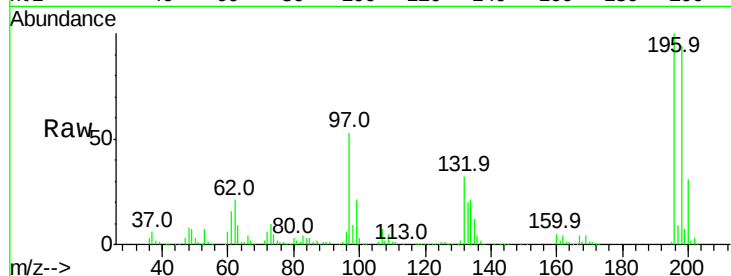




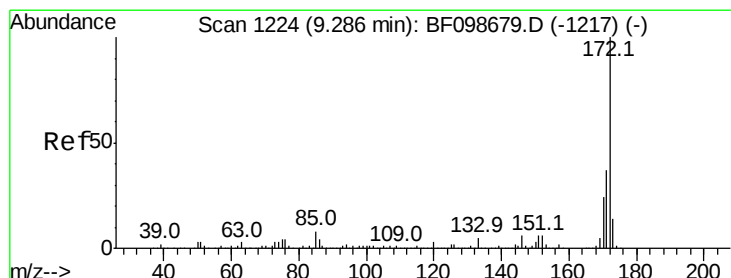
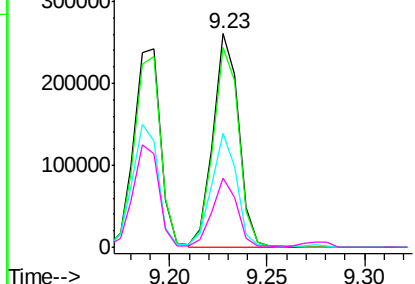
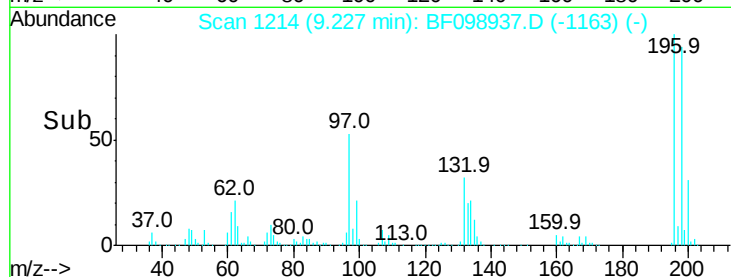
#43
 2,4,5-Trichlorophenol
 Concen: 39.358 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	236105
Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	112.0
97	53.5	42.9	64.3
132	32.5	26.3	39.5

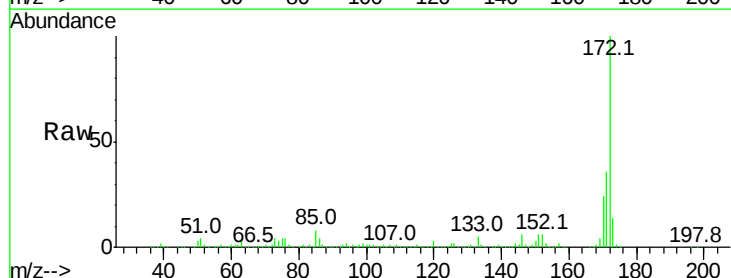


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

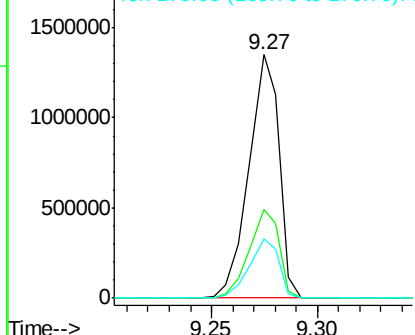
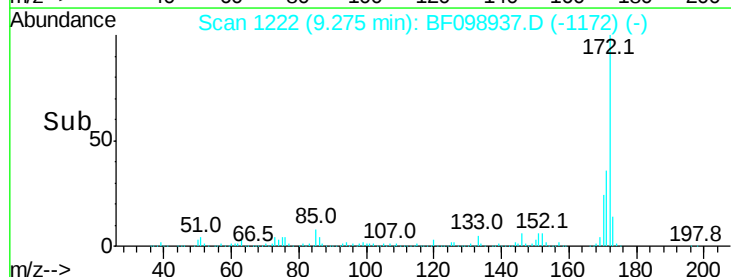


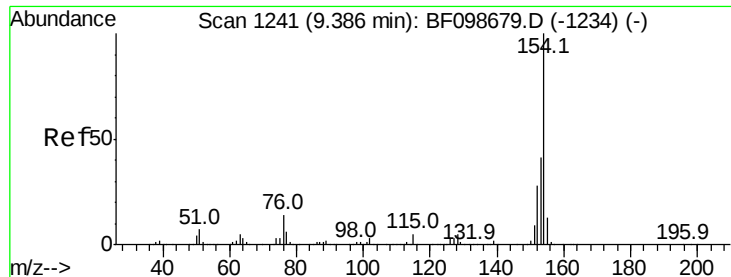
#44
 2-Fluorobiphenyl
 Concen: 78.772 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:	172	Resp:	1342106
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4



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

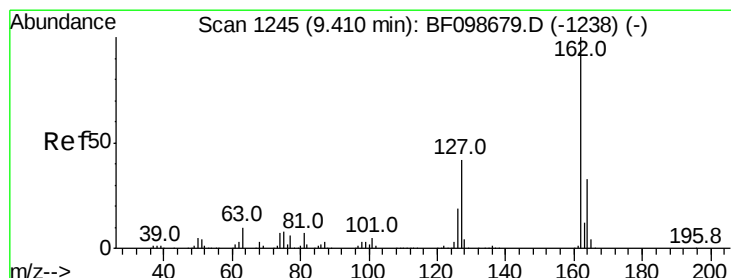
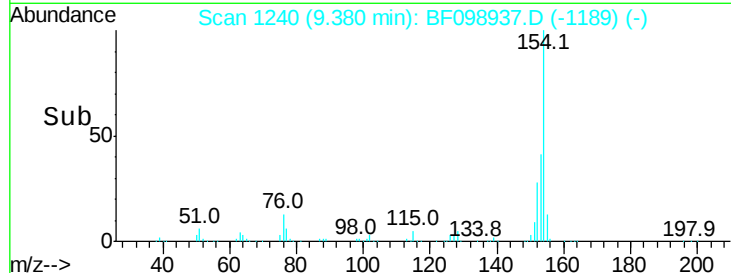
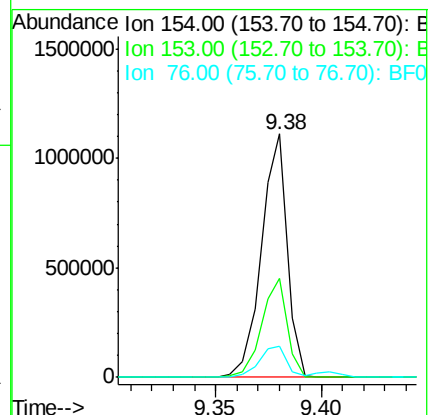
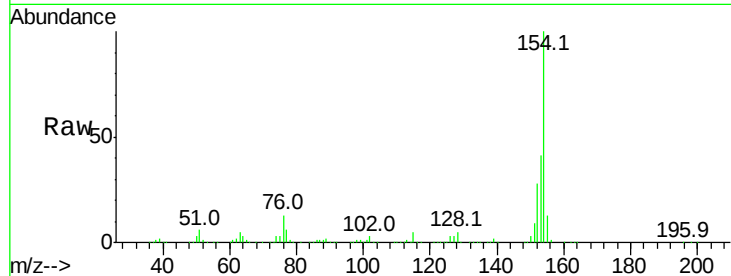




#45
 1,1'-Biphenyl
 Concen: 38.603 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

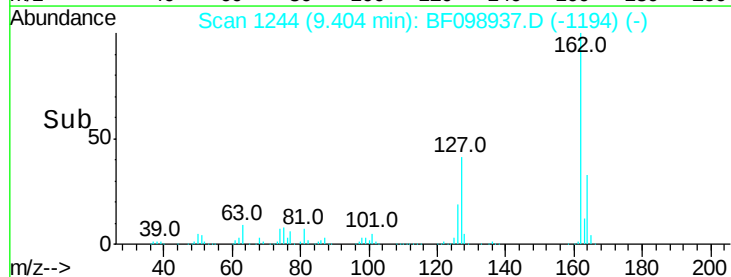
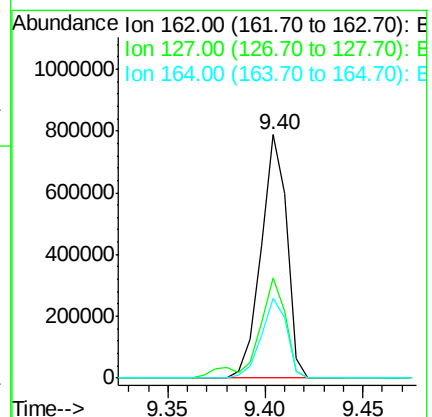
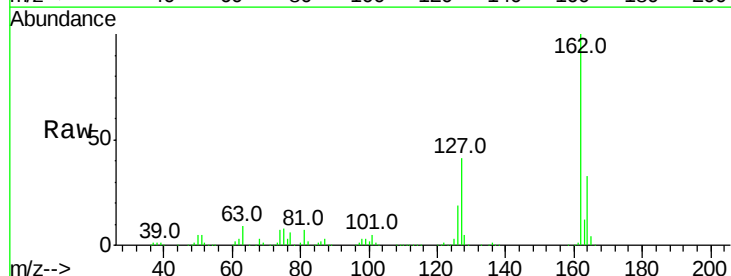
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.031 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.9	26.5	39.7

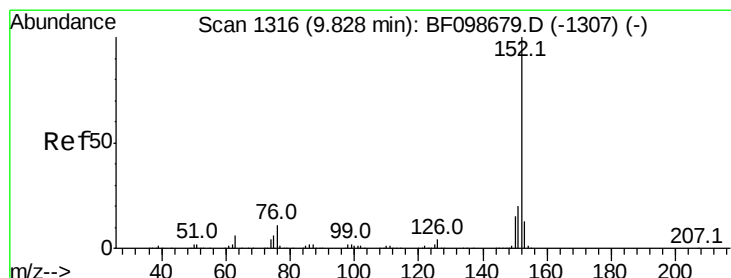
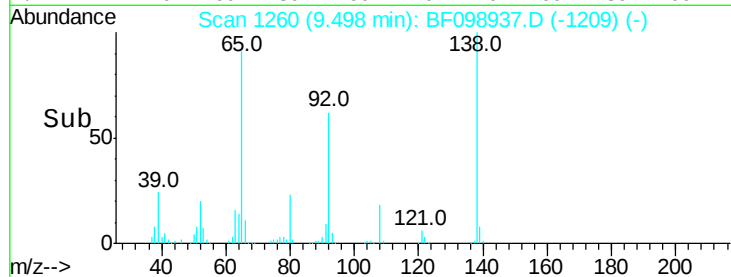
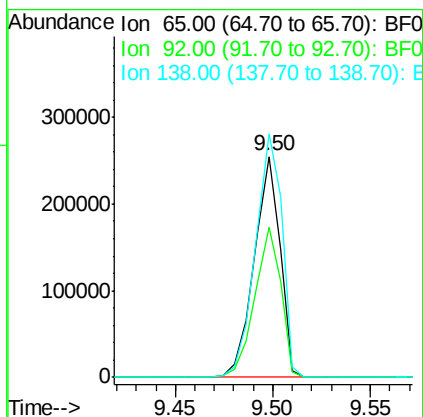
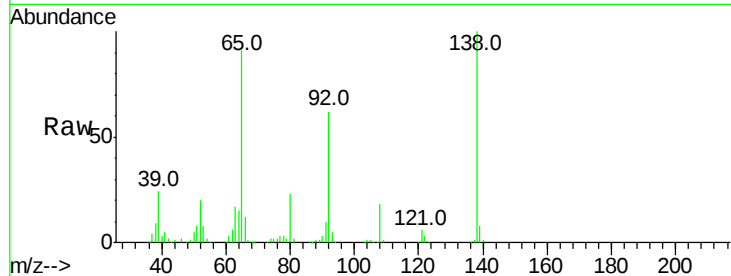




#47
2-Nitroaniline
Concen: 41.604 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

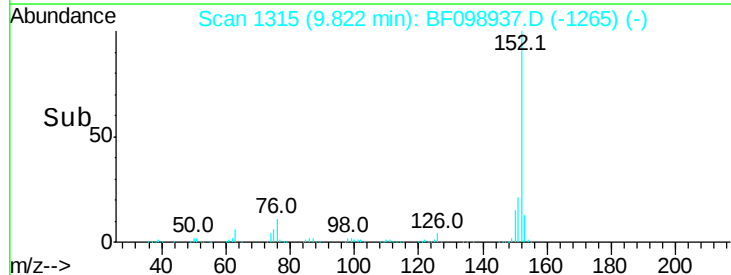
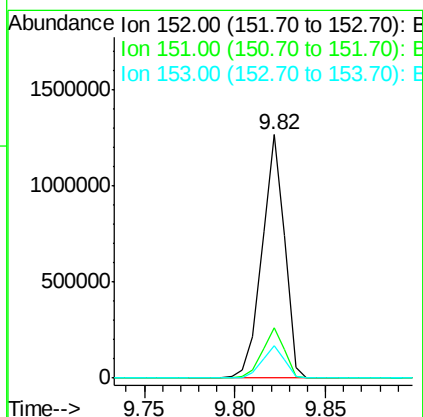
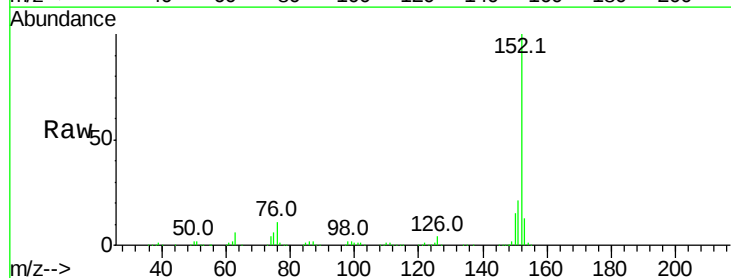
Instrument :
BNA_F
ClientSampleId :

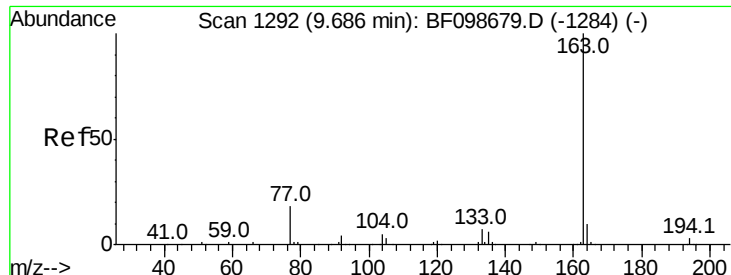
Tot Ion: 65 Resp: 233816
Ion Ratio Lower Upper
65 100
92 68.1 55.8 83.6
138 110.4 91.2 136.8



#48
Acenaphthylene
Concen: 38.924 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion: 152 Resp: 1093641
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.7 16.1

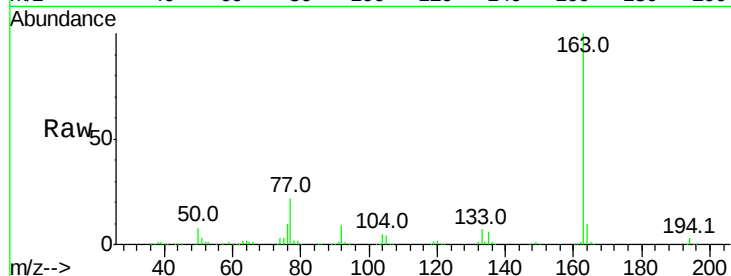




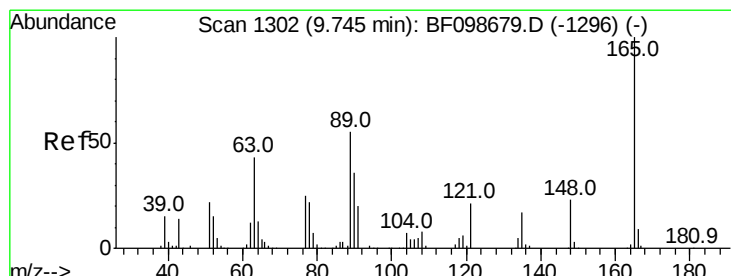
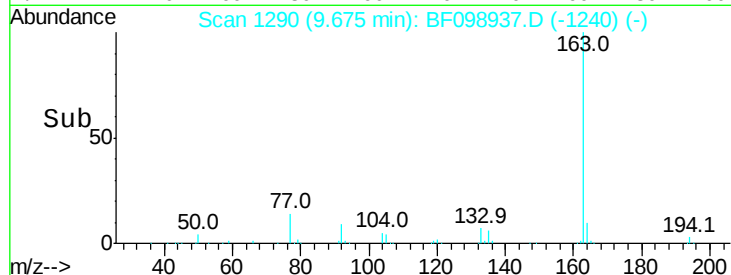
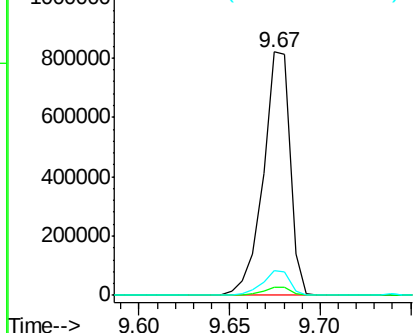
#49
Dimethylphthalate
Concen: 39.312 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 843921
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2

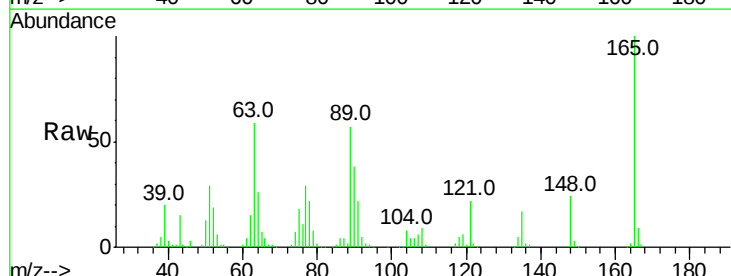


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

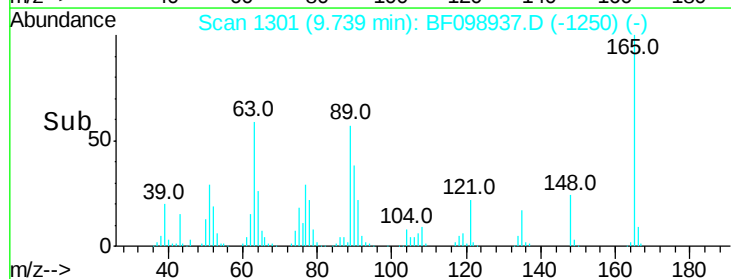
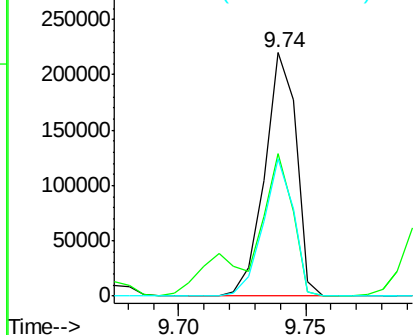


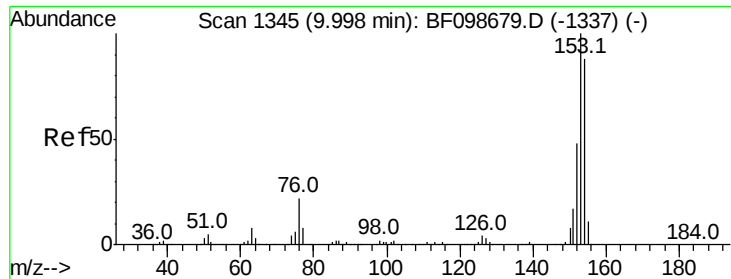
#50
2,6-Dinitrotoluene
Concen: 41.200 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:165 Resp: 192552
Ion Ratio Lower Upper
165 100
63 58.8 44.7 67.1
89 56.6 44.0 66.0



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





#51

Acenaphthene

Concen: 39.563 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

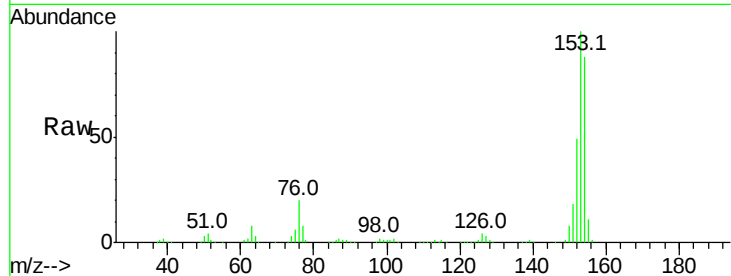
Tot Ion:154 Resp: 704144

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

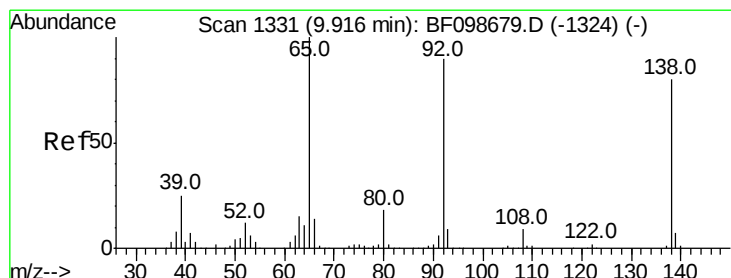
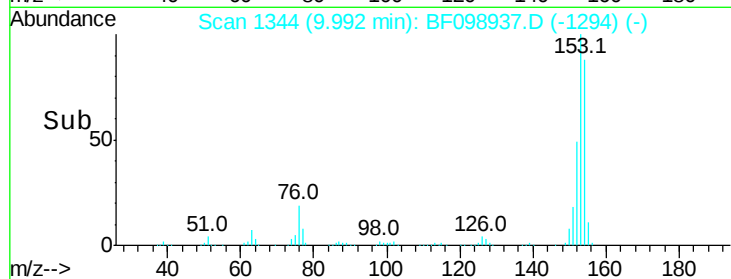
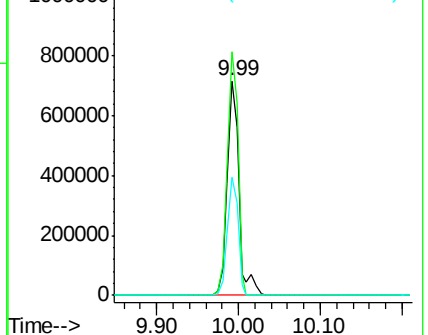
152 55.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.058 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

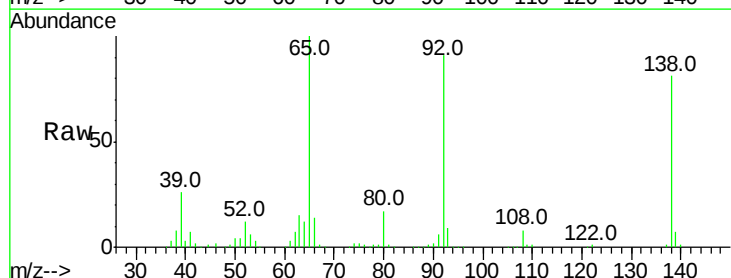
Tgt Ion:138 Resp: 229192

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

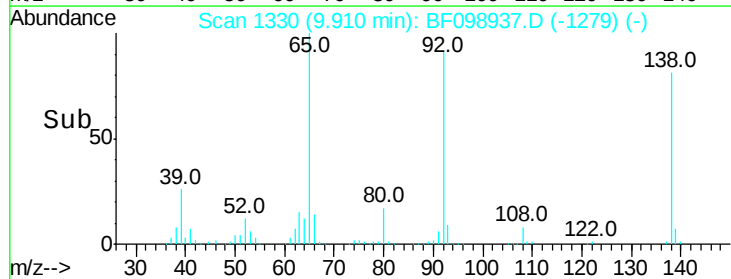
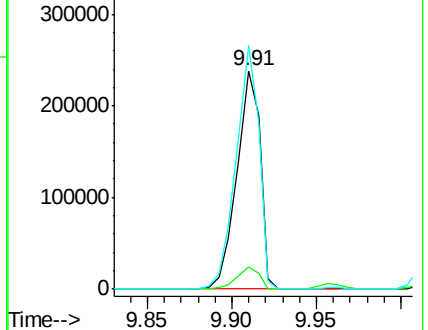
92 111.6 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

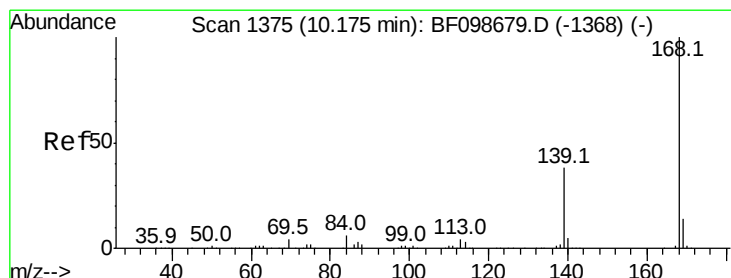
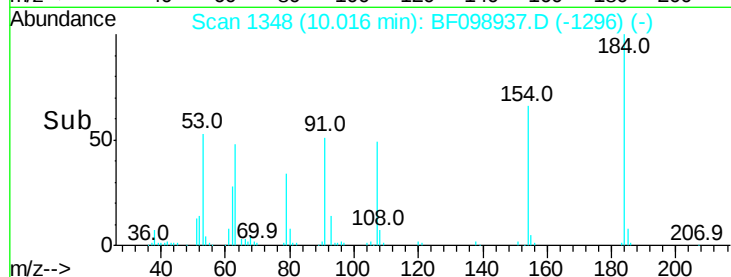
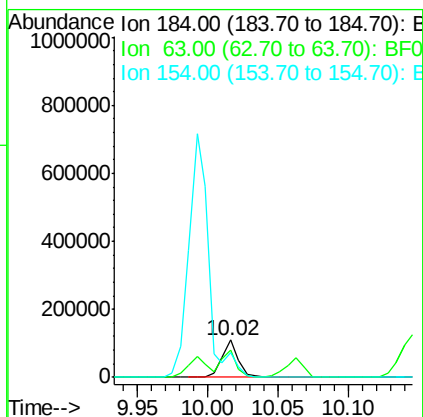
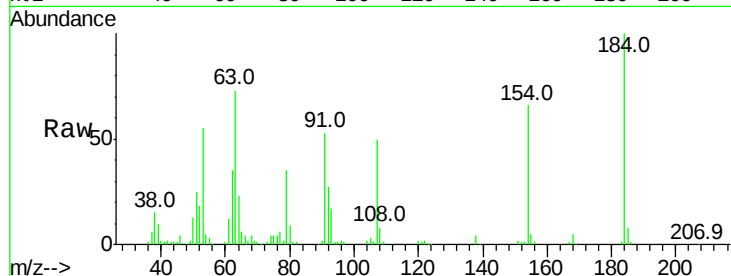




#53
2,4-Dinitrophenol
Concen: 39.765 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

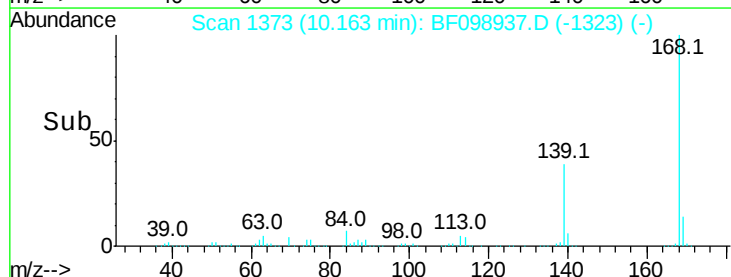
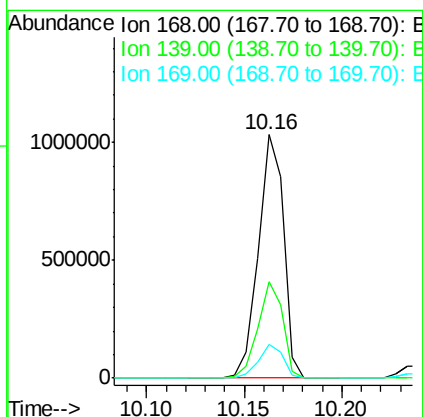
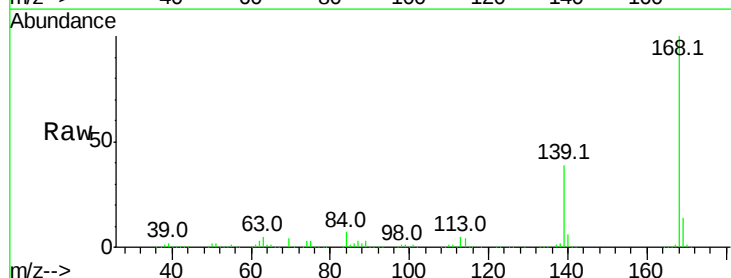
Instrument :
BNA_F
ClientSampled :

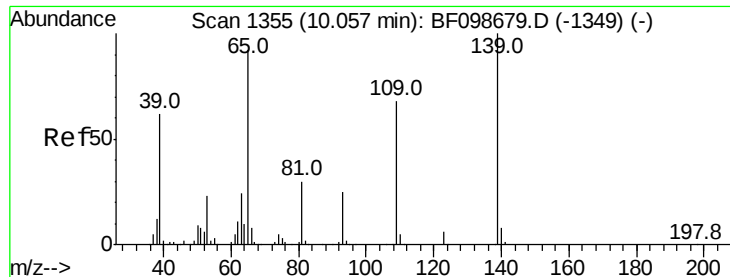
Tot Ion	Ratio	Lower	Upper
184	100		
63	73.1	54.2	81.2
154	66.0	53.5	80.3



#54
Dibenzofuran
Concen: 38.899 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	13.6	10.9	16.3

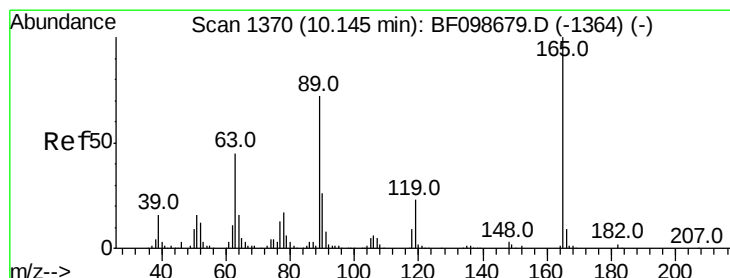
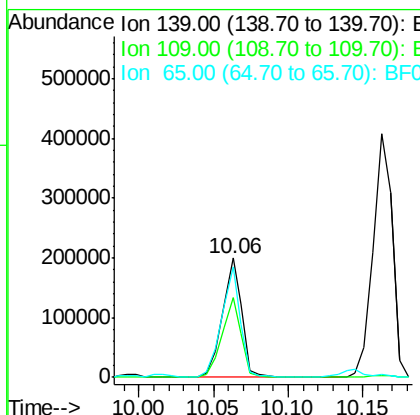
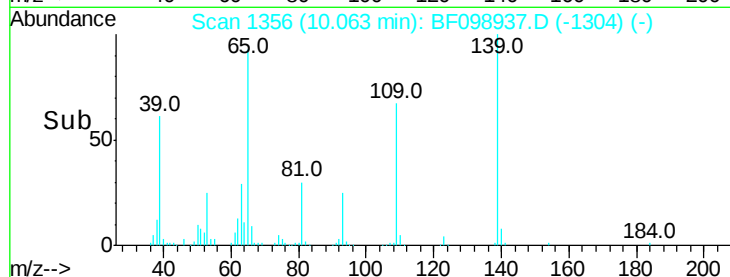
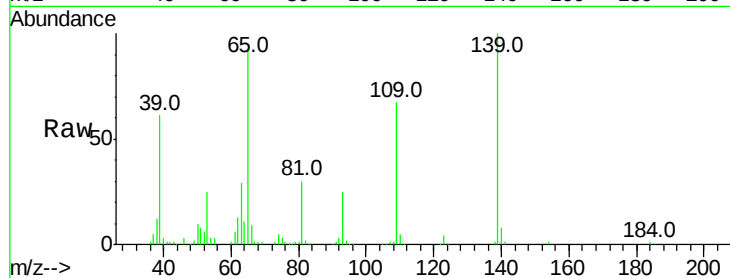




#55
4-Nitrophenol
Concen: 39.971 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

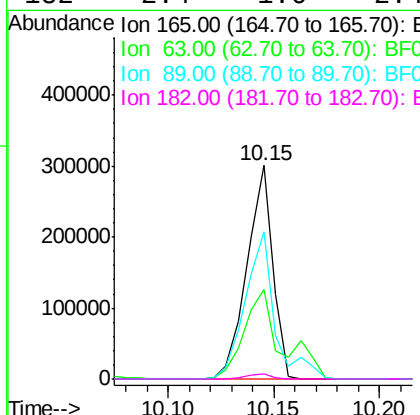
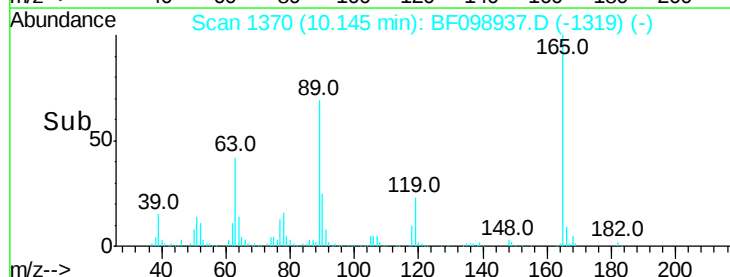
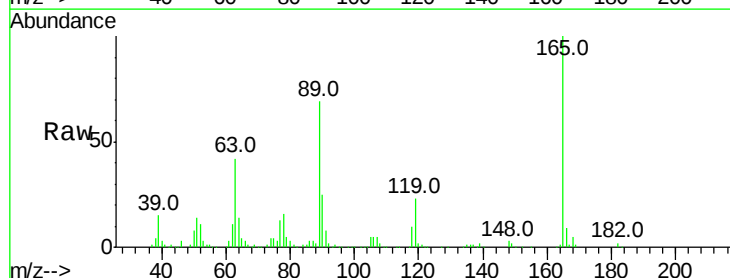
Instrument :
BNA_F
ClientSampleId :

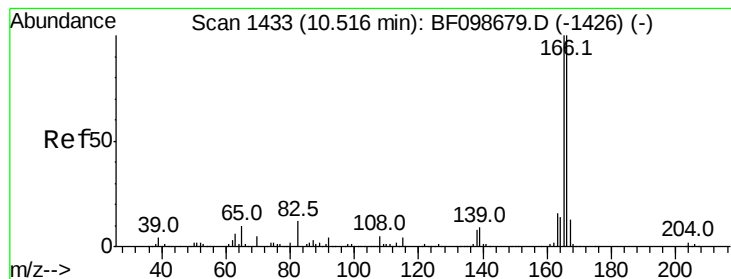
Tot Ion:139 Resp: 184183
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 92.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.359 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:165 Resp: 256930
Ion Ratio Lower Upper
165 100
63 42.1 36.4 54.6
89 69.0 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 39.204 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

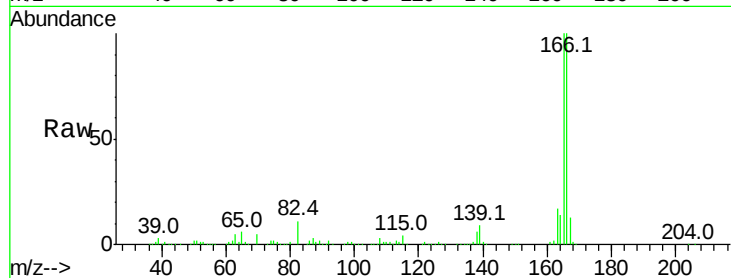
Tot Ion:166 Resp: 746711

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

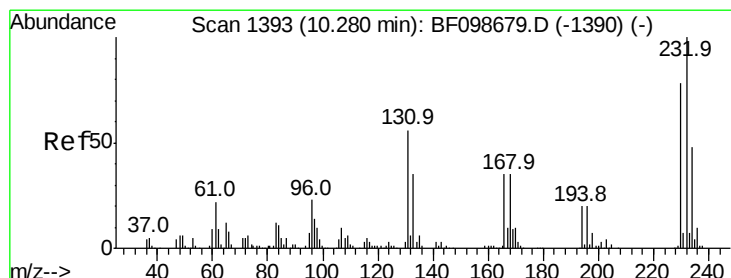
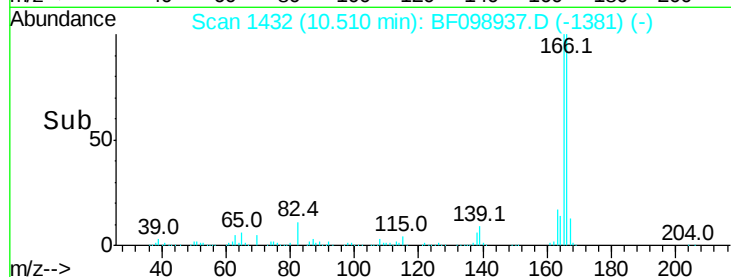
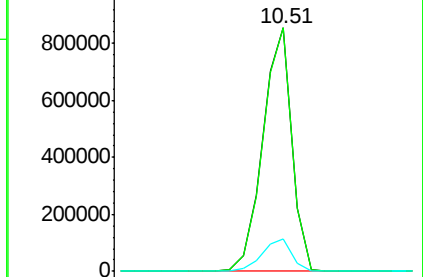
167 13.1 10.6 16.0



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: 39.304 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Tgt Ion:232 Resp: 162872

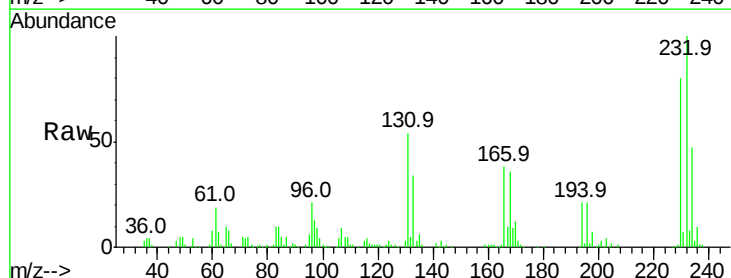
Ion Ratio Lower Upper

232 100

131 55.4 43.8 65.8

130 2.8 2.1 3.1

166 37.2 27.8 41.6

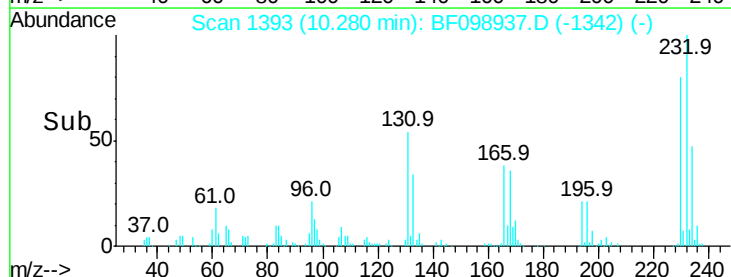
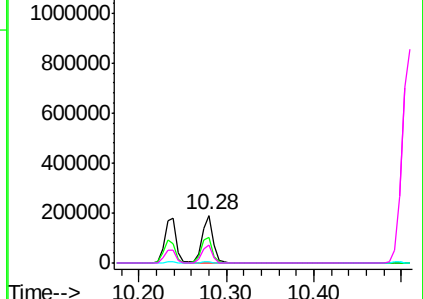


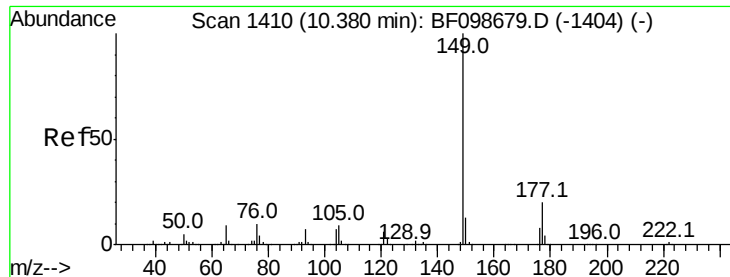
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

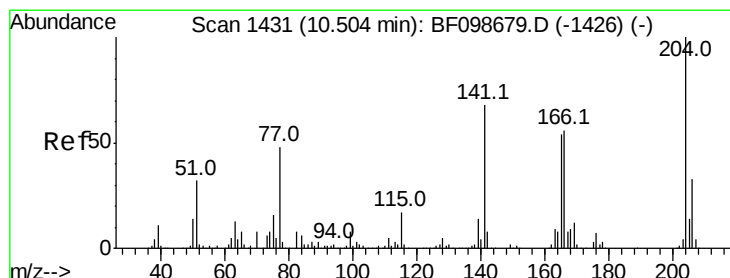
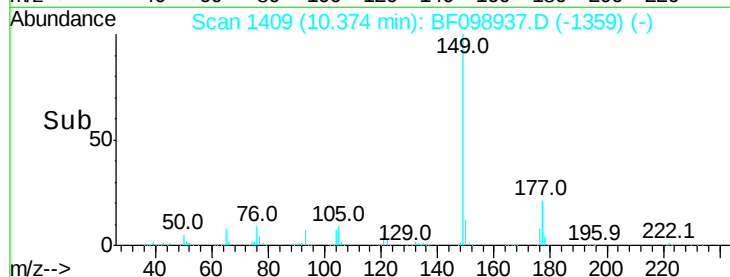
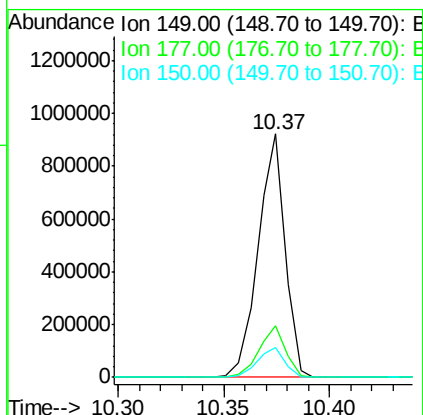
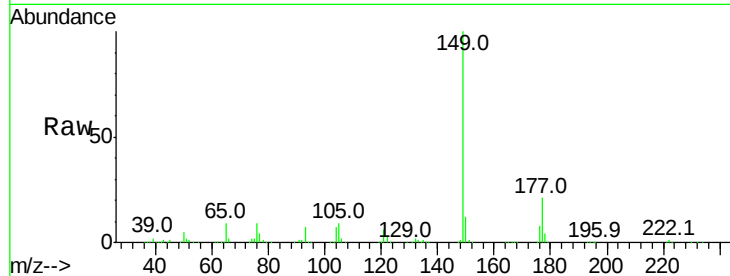




#59
Diethylphthalate
Concen: 39.027 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

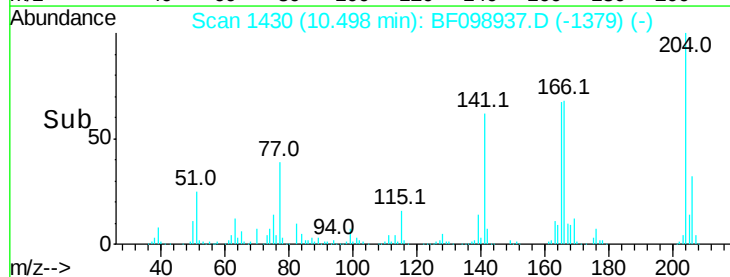
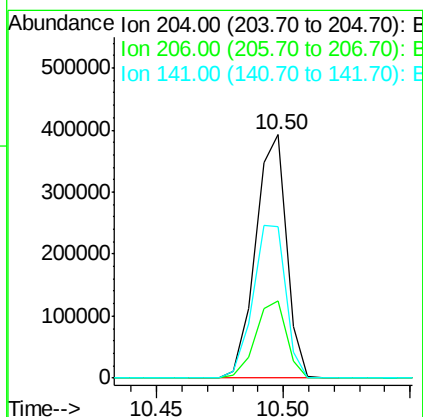
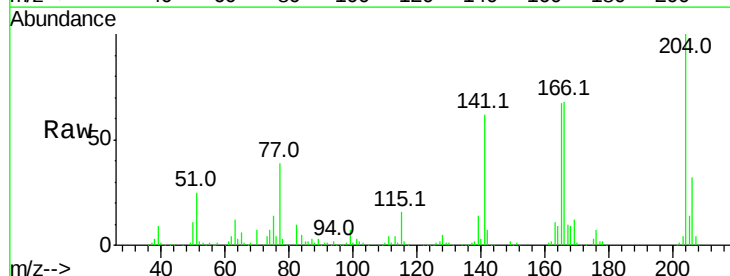
Instrument :
BNA_F
ClientSampleId :

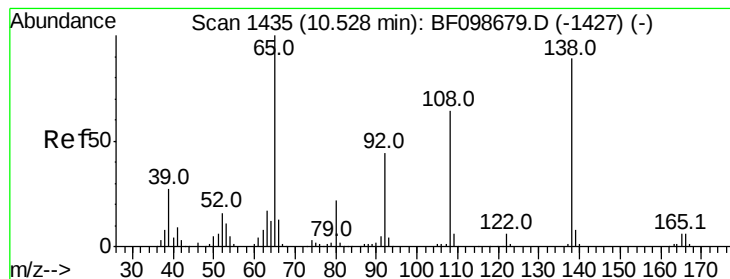
Tot Ion:149 Resp: 818653
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.166 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:204 Resp: 335104
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 62.3 54.6 81.8





#61

4-Nitroaniline

Concen: 42.497 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampled :

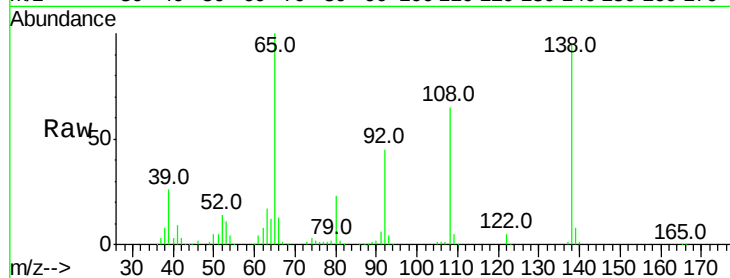
Tot Ion:138 Resp: 223425

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

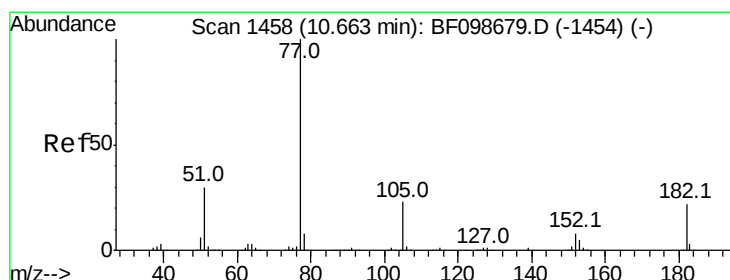
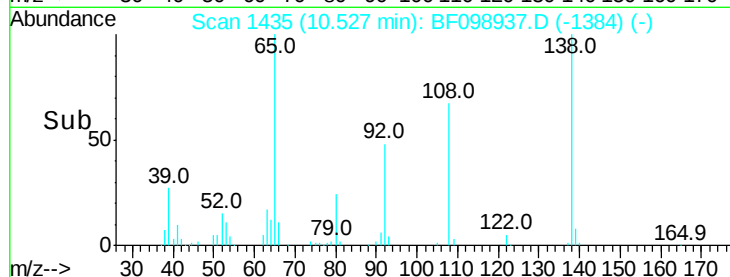
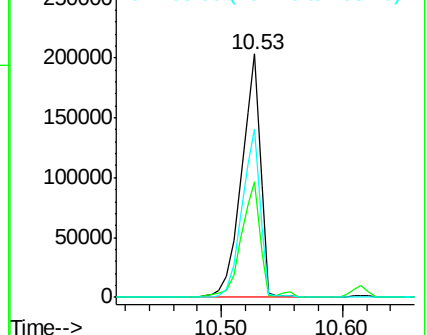
108 68.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.824 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Tgt Ion: 77 Resp: 748818

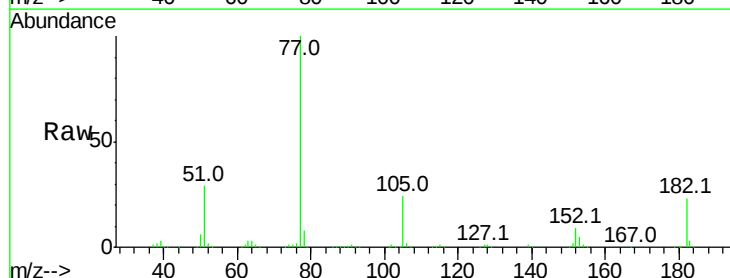
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 24.1 3.0 43.0

51 29.4 9.9 49.9

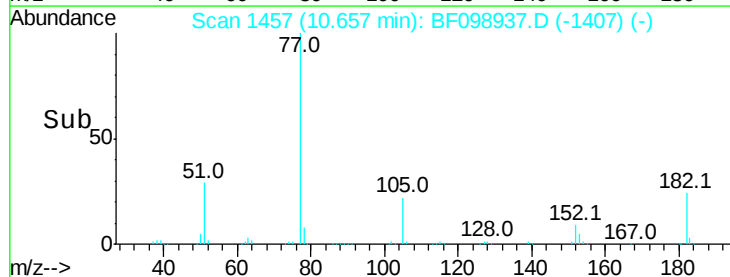
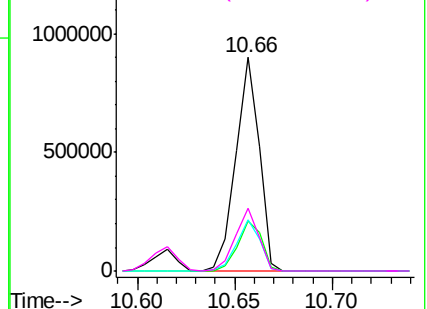


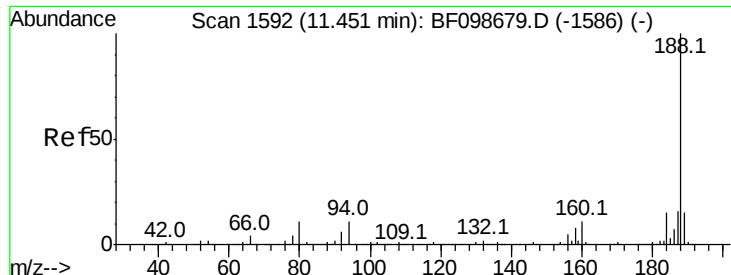
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

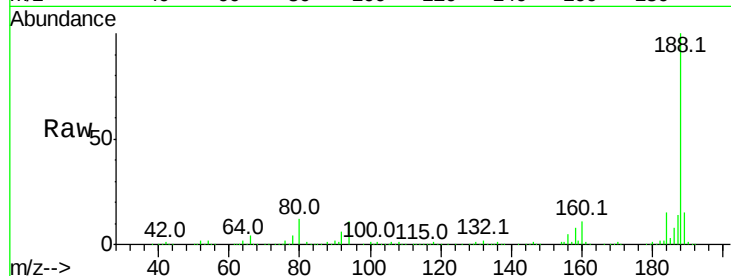
Tot Ion:188 Resp: 507307

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

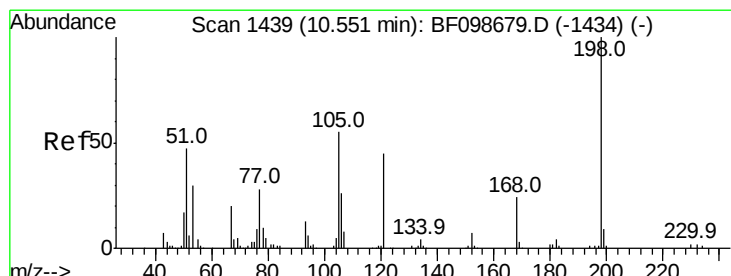
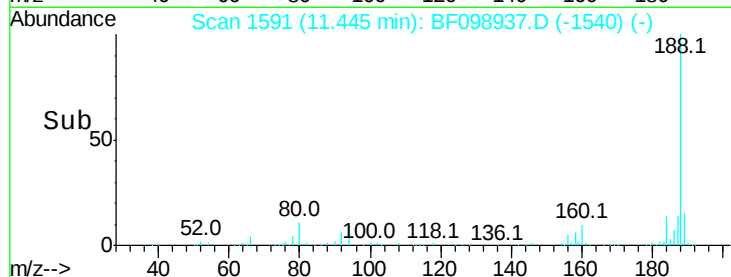
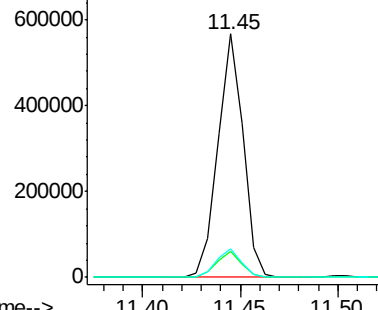
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.337 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

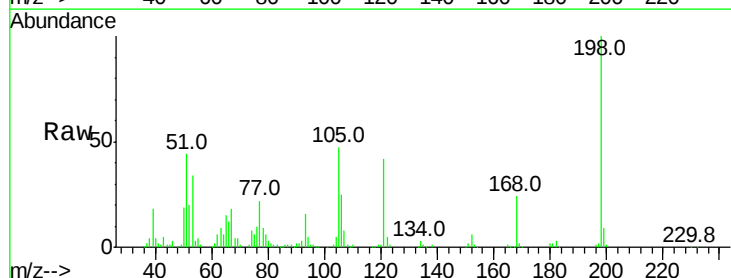
Tgt Ion:198 Resp: 130676

Ion Ratio Lower Upper

198 100

51 43.9 37.7 77.7

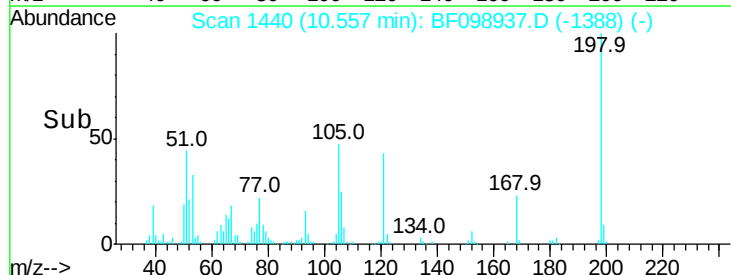
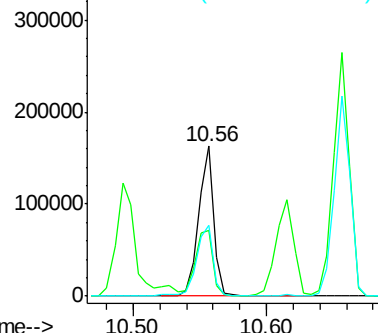
105 47.2 36.3 76.3

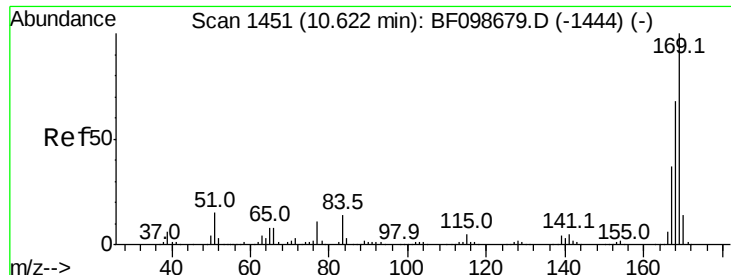


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

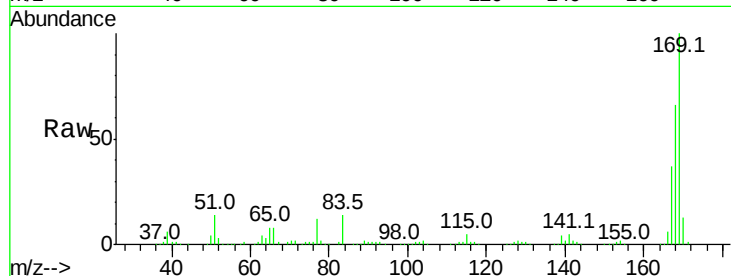




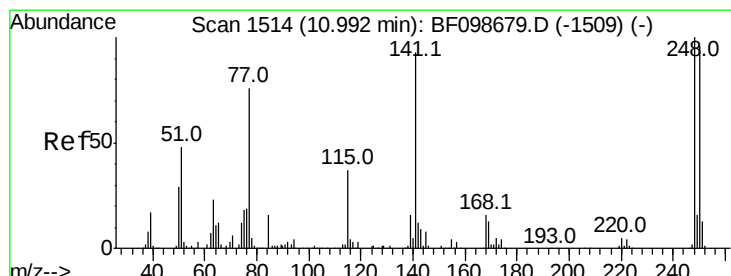
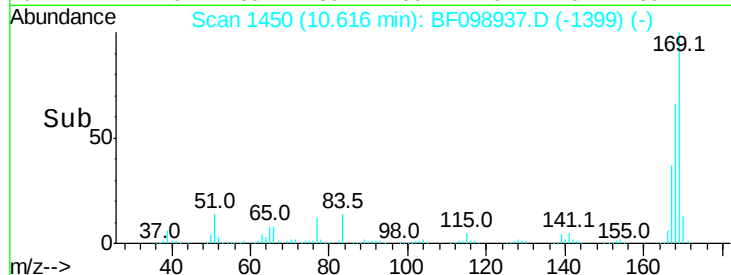
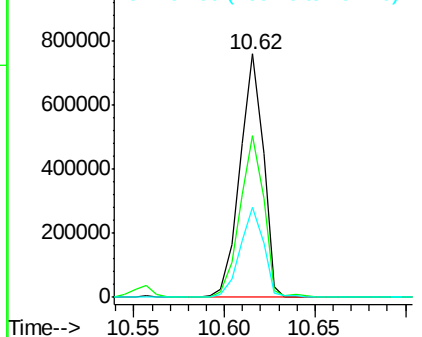
#65
 n-Nitrosodiphenylamine
 Concen: 38.549 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 677482
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 37.1 29.8 44.6

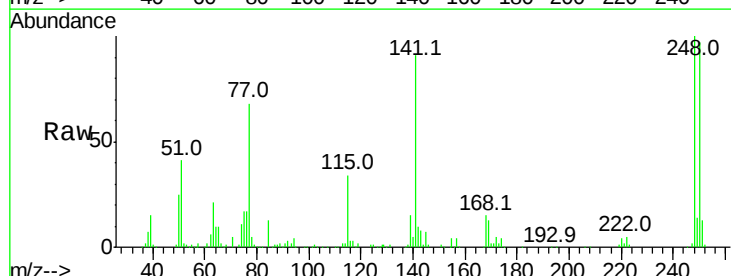


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

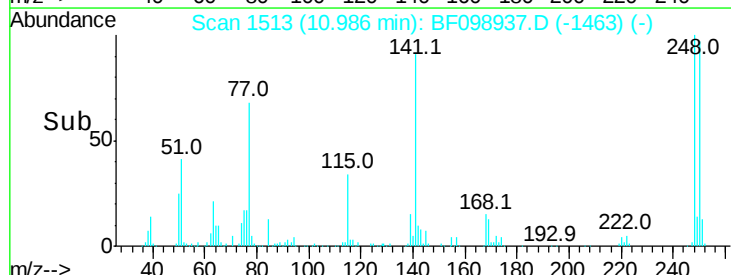
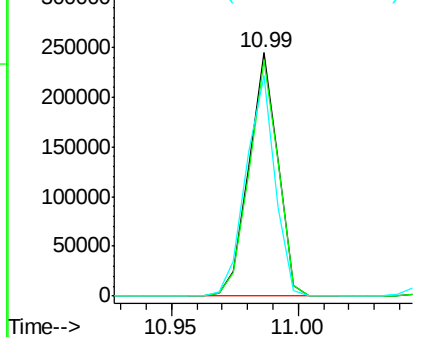


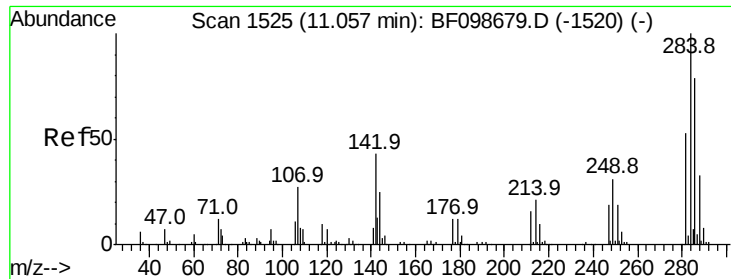
#66
 4-Bromophenyl-phenylether
 Concen: 39.012 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:248 Resp: 193724
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 90.7 74.4 111.6



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

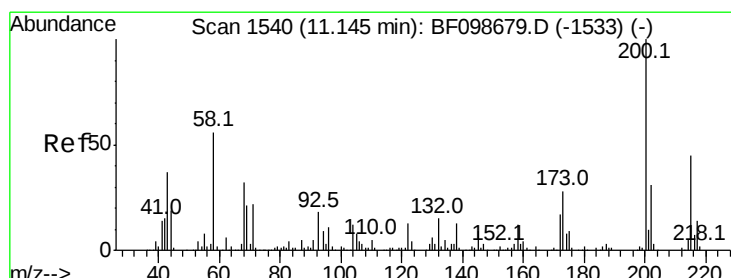
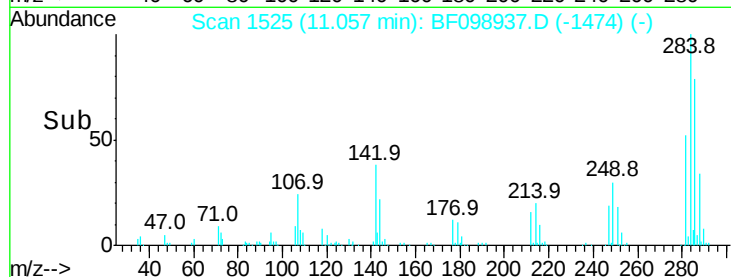
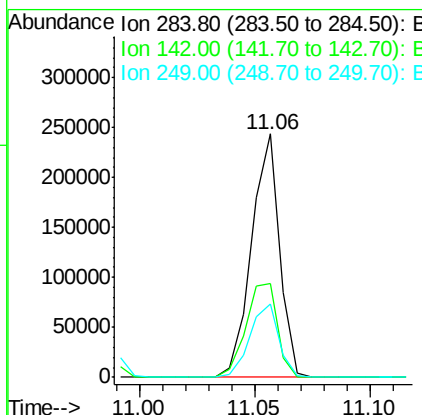
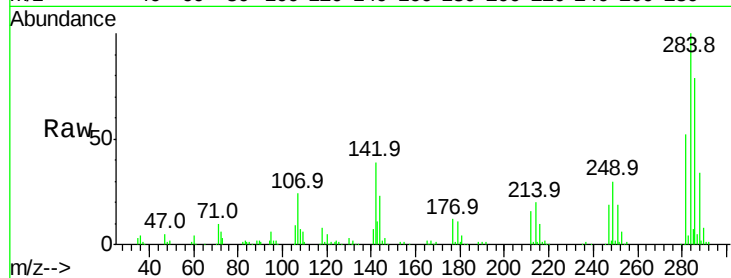




#67
Hexachlorobenzene
Concen: 39.046 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

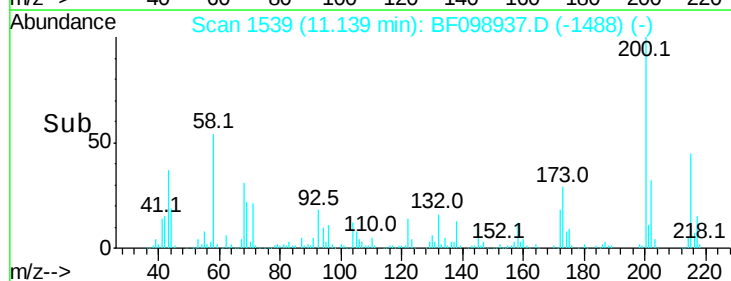
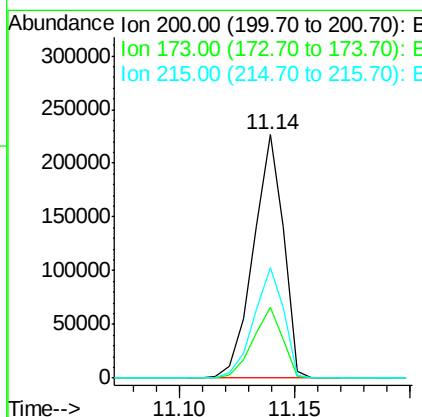
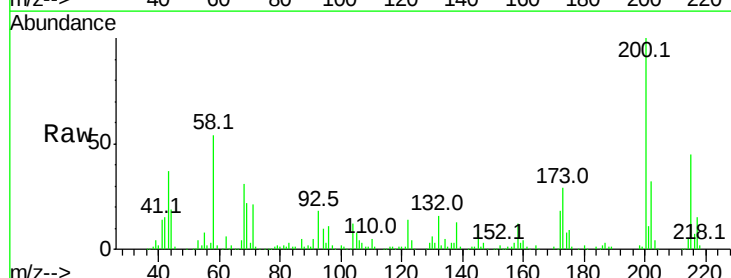
Instrument :
BNA_F
ClientSampleId :

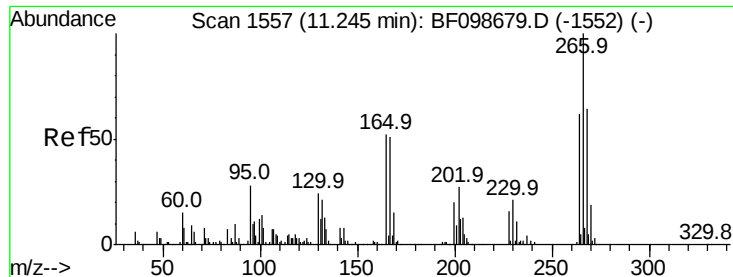
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.6	34.6	52.0
249	30.3	24.8	37.2



#68
Atrazine
Concen: 38.989 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	45.1	25.1	65.1

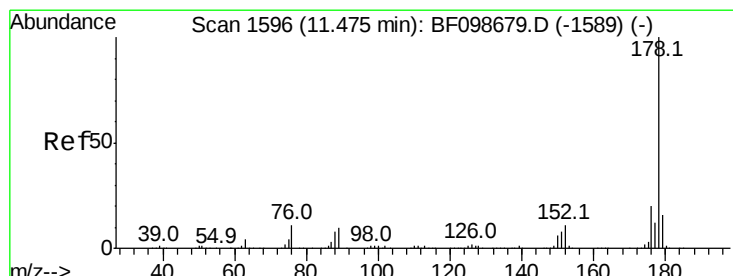
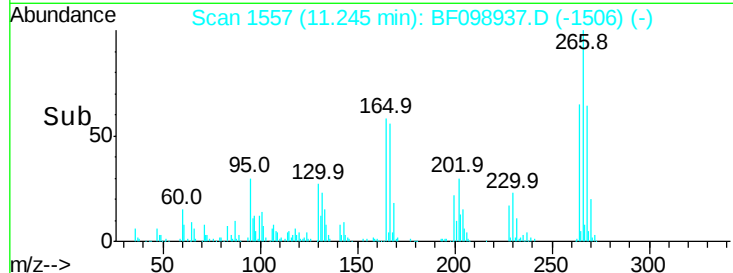
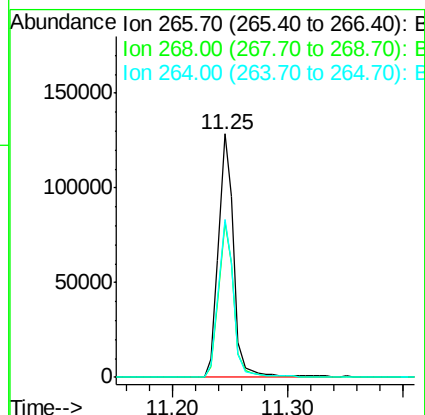
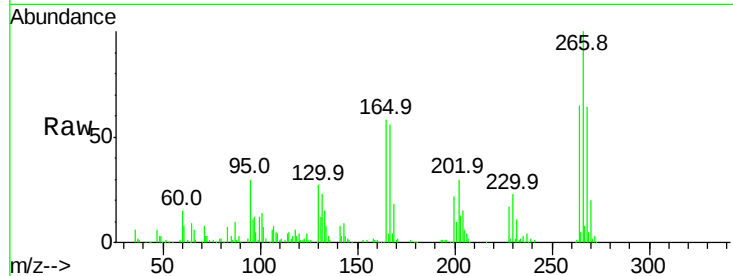




#69
 Pentachlorophenol
 Concen: 35.907 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

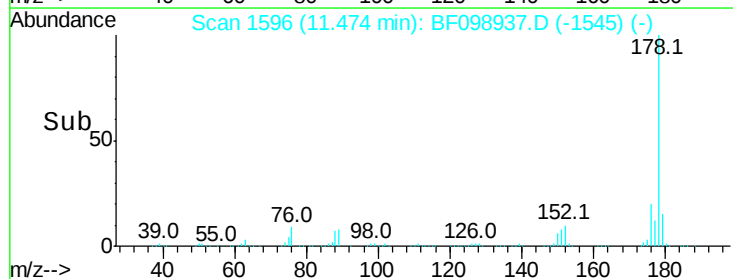
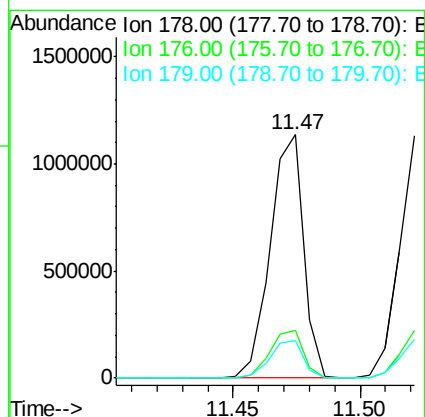
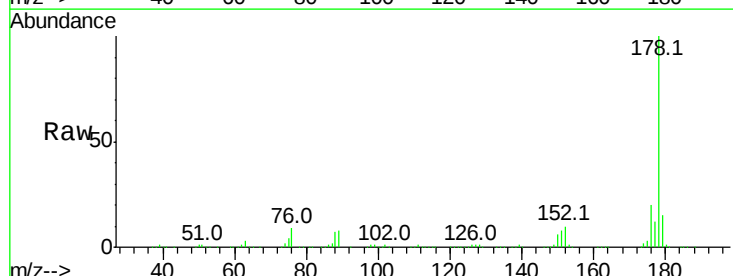
Instrument :
 BNA_F
 ClientSampleId :

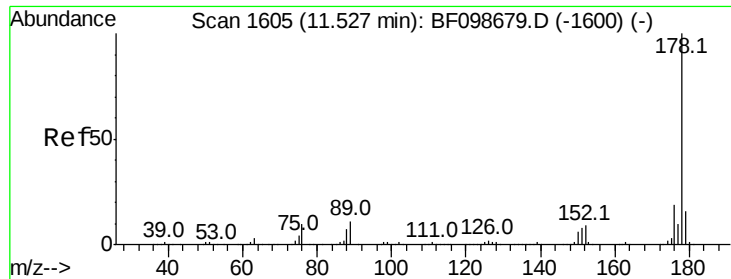
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.6	49.5	74.3



#70
 Phenanthrene
 Concen: 38.579 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6

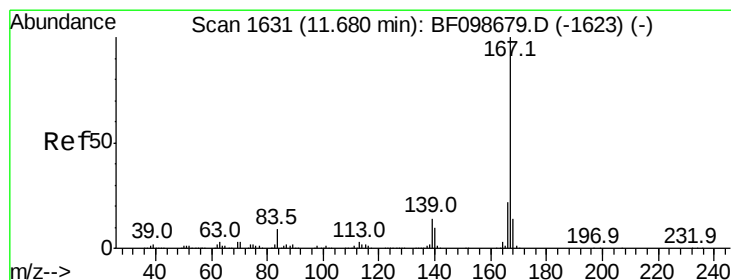
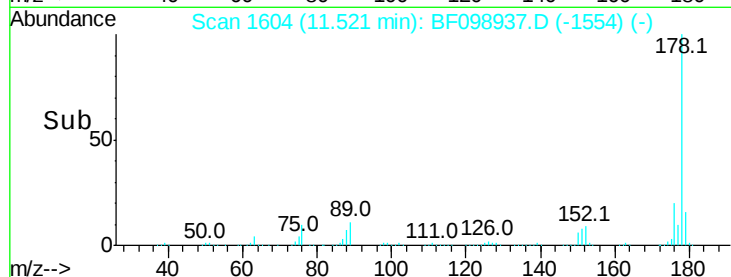
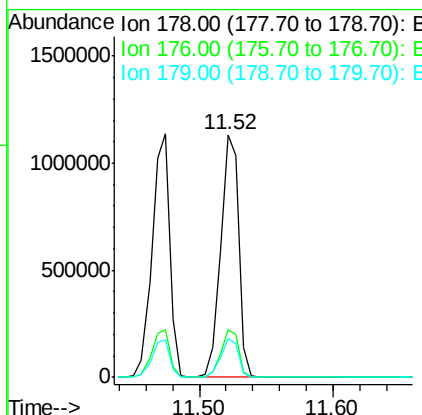
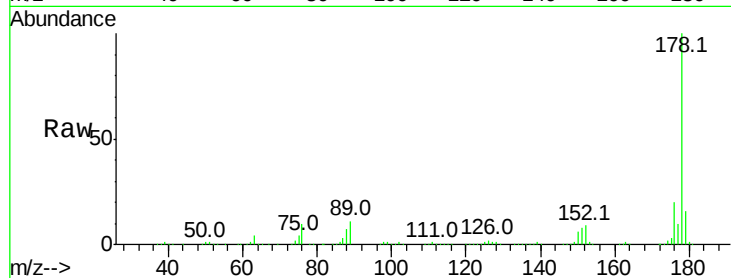




#71
 Anthracene
 Concen: 38.858 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

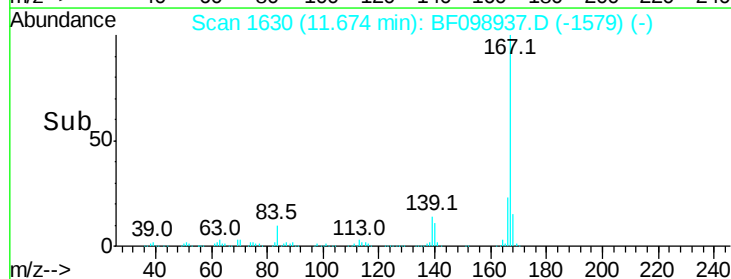
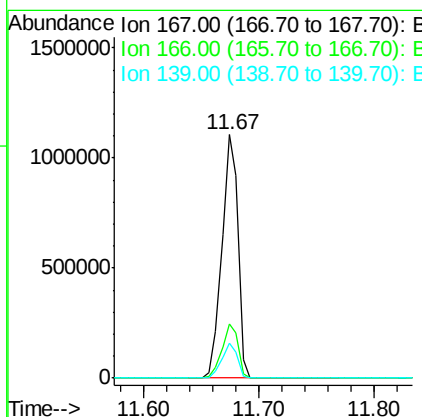
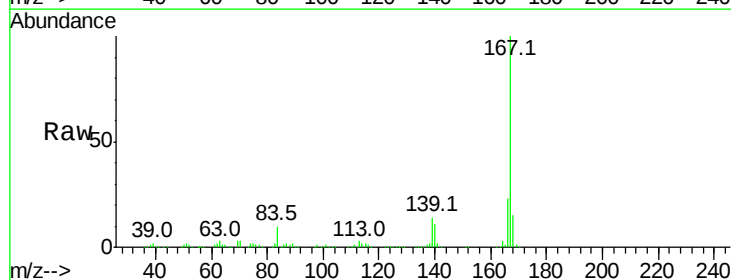
Instrument :
 BNA_F
 ClientSampleId :

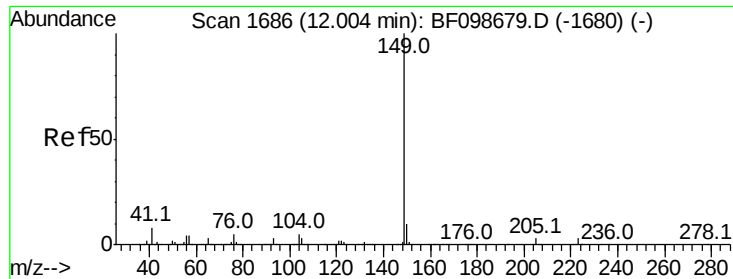
Tot Ion:178 Resp: 1079659
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 39.184 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:167 Resp: 1066137
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 10.9 16.3

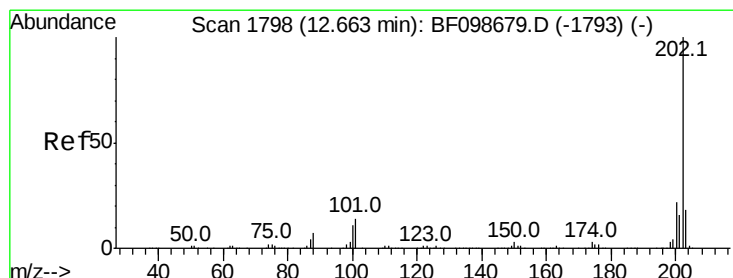
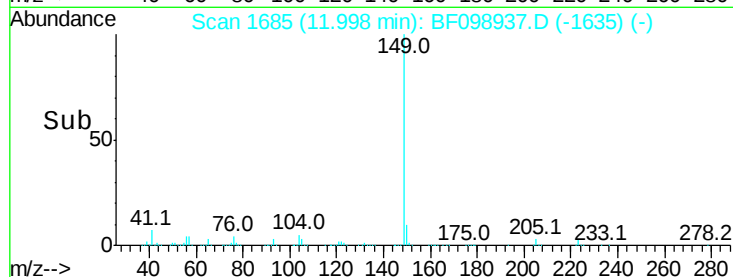
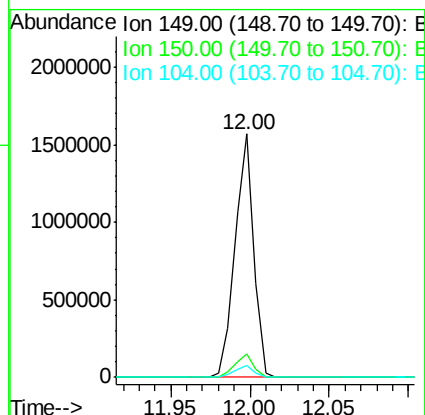
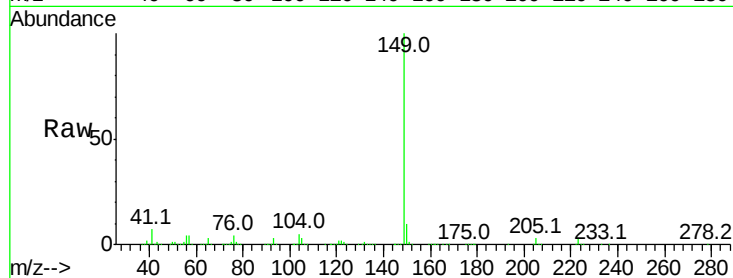




#73
Di-n-butylphthalate
Concen: 39.032 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

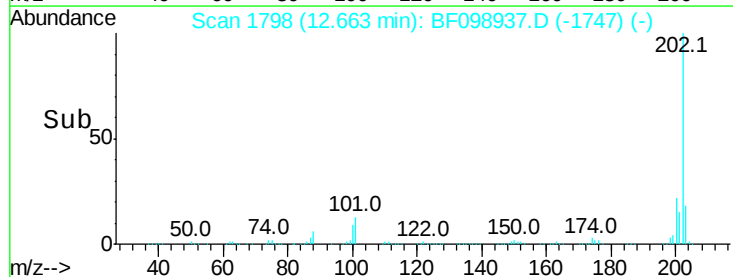
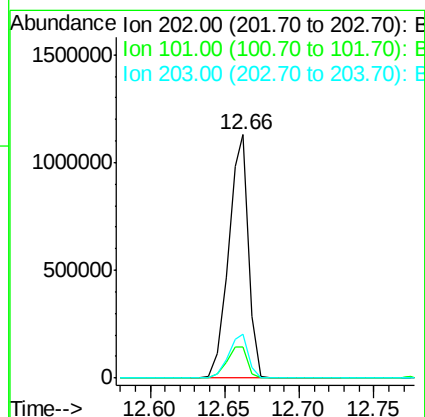
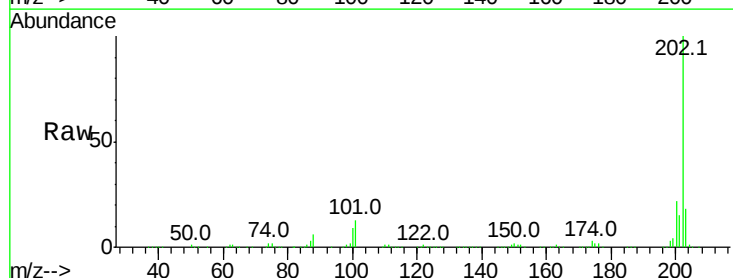
Instrument :
BNA_F
ClientSampleId :

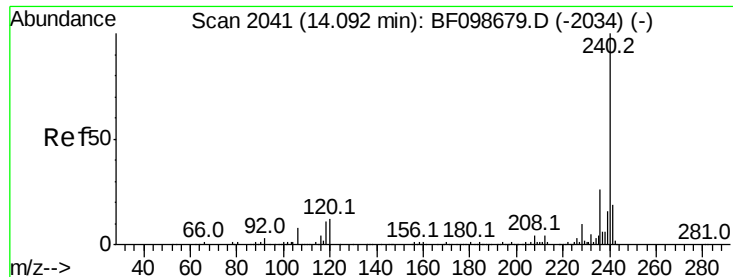
Tot Ion:149 Resp: 1278298
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 38.561 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:202 Resp: 1060316
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

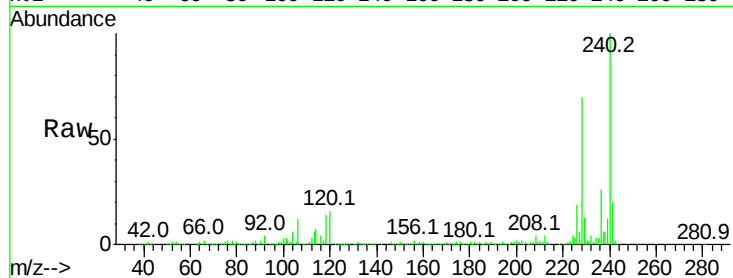
Tot Ion:240 Resp: 365934

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

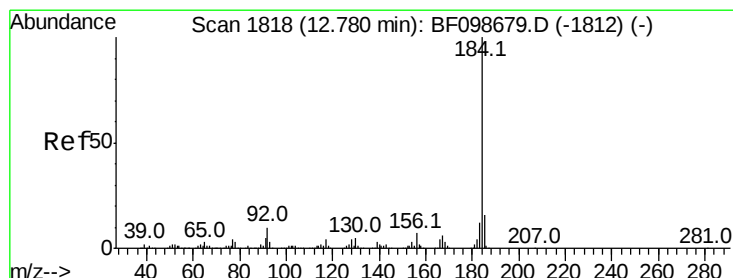
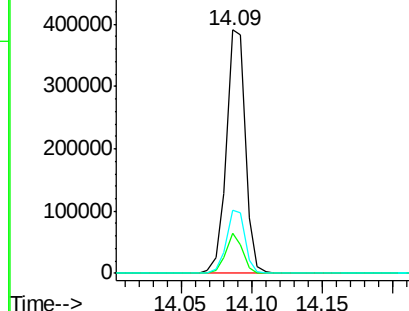
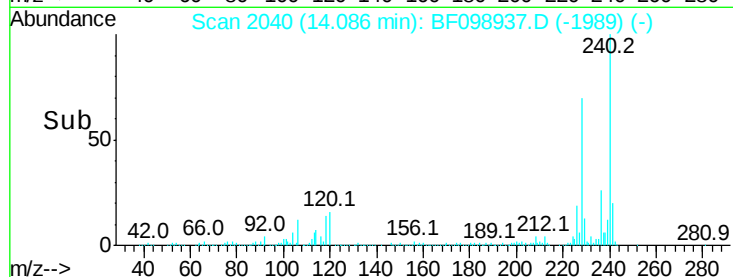
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.317 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

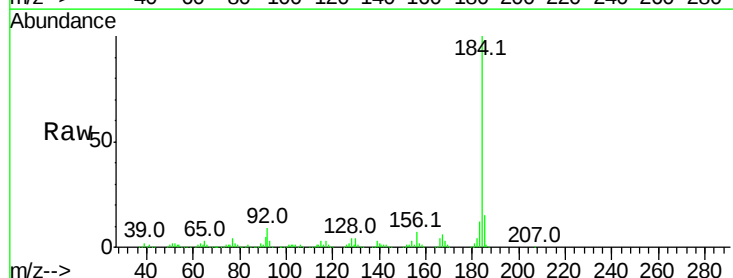
Tgt Ion:184 Resp: 532138

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

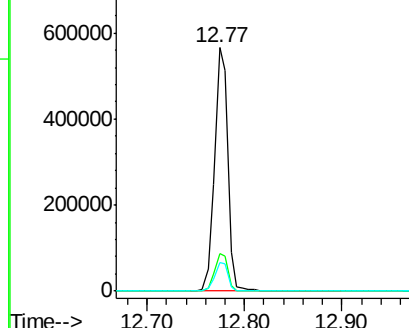
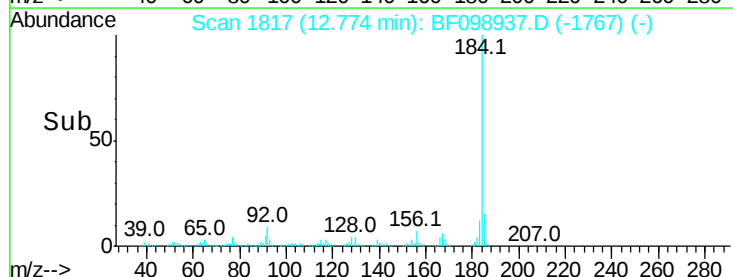
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.544 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

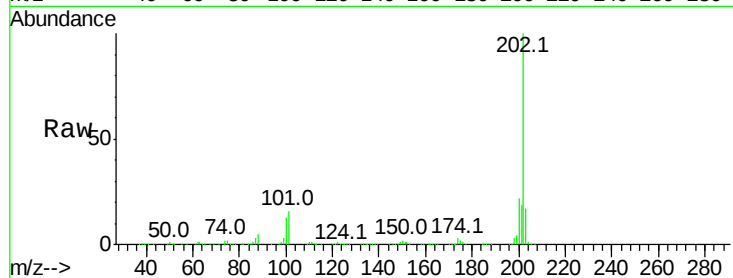
Tot Ion:202 Resp: 1103425

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

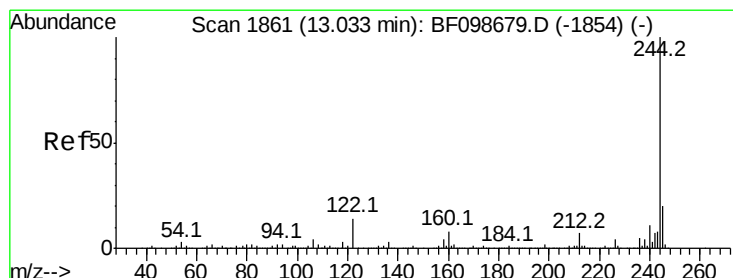
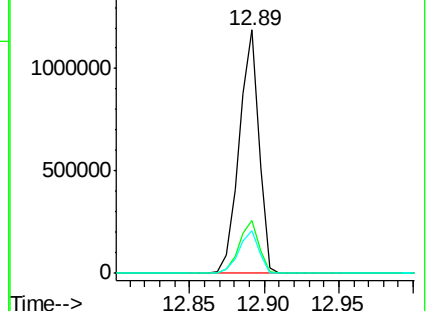
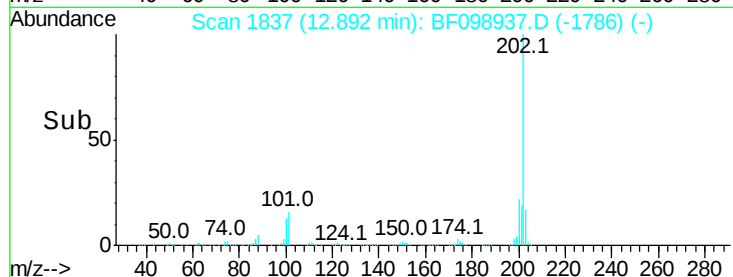
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.488 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

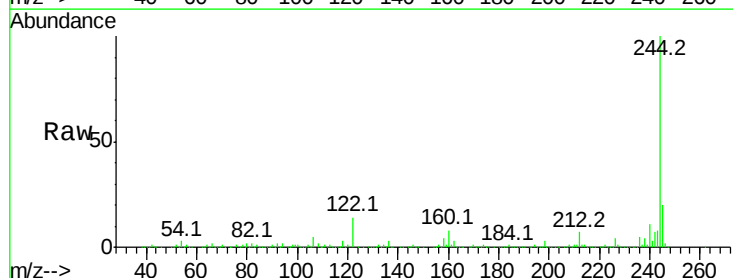
Tgt Ion:244 Resp: 1279013

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

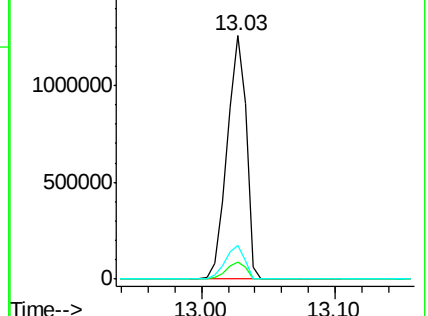
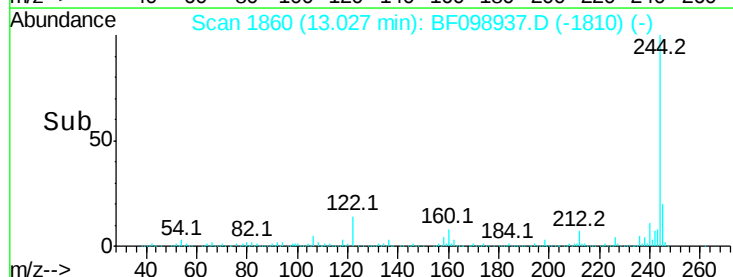
122 13.8 11.0 16.4

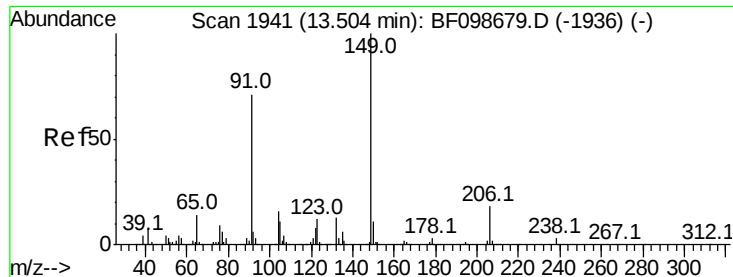


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

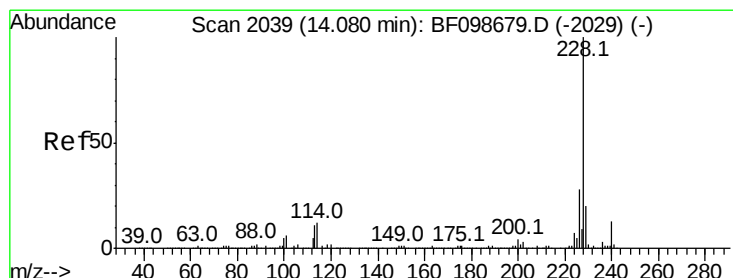
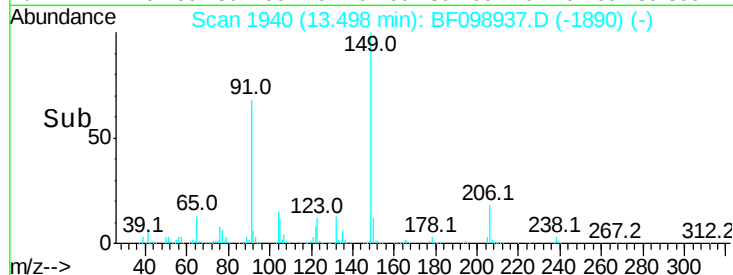
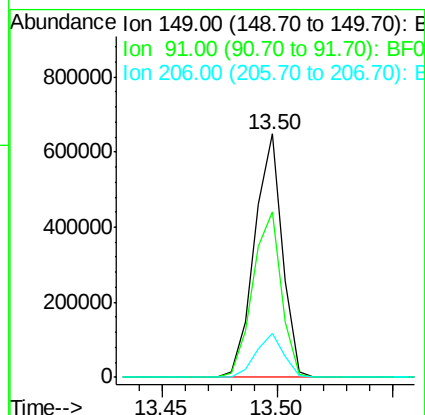
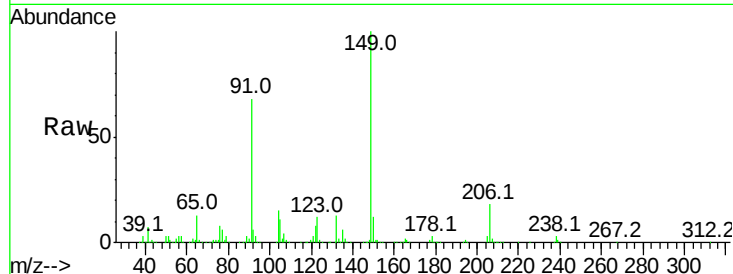




#79
Butylbenzylphthalate
Concen: 41.483 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

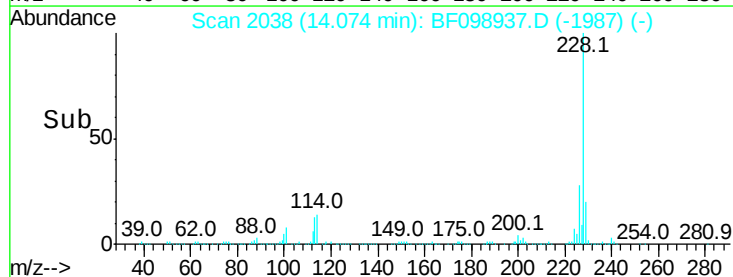
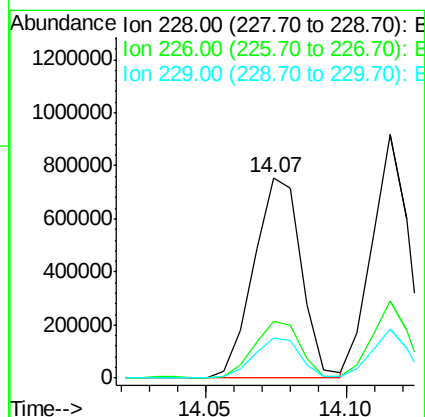
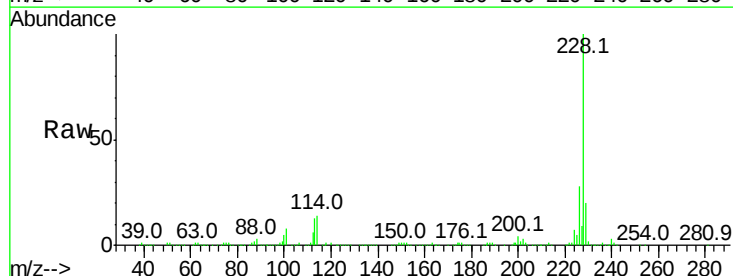
Instrument :
BNA_F
ClientSampled :

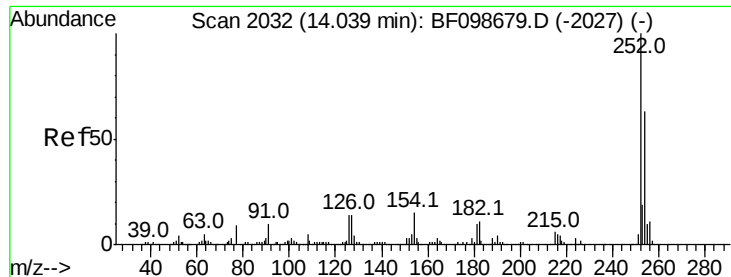
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.591 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

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

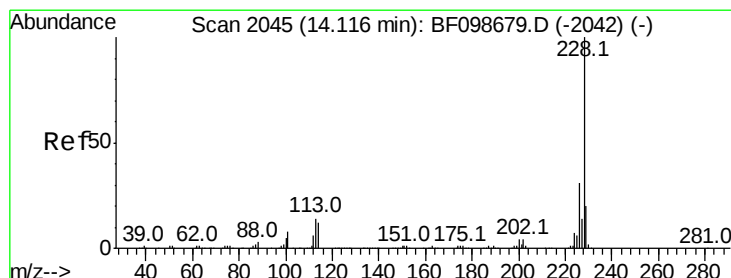
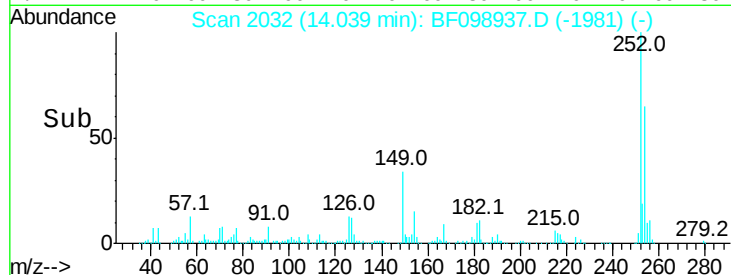
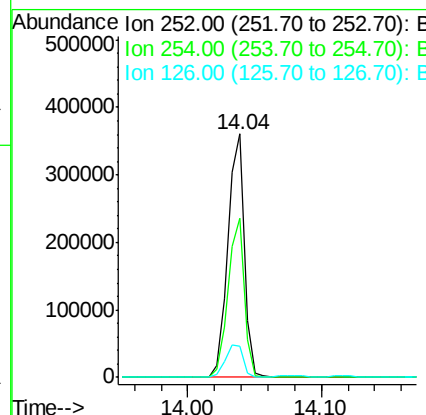
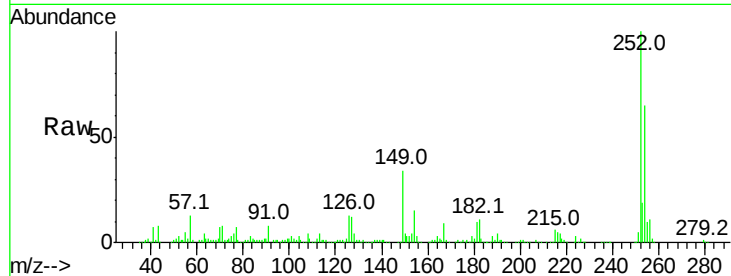




#81
 3,3'-Dichlorobenzidine
 Concen: 38.924 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

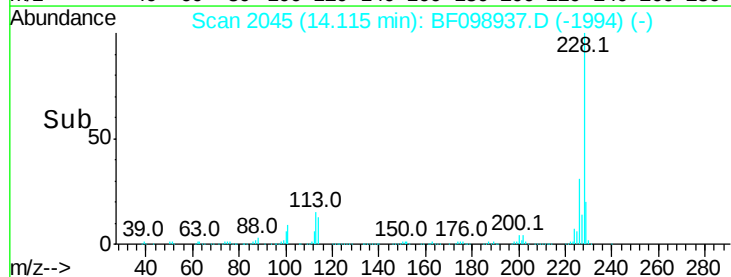
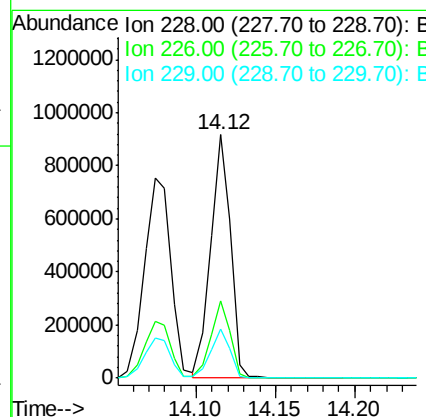
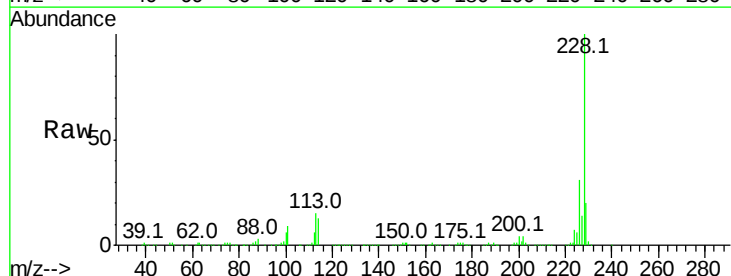
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 38.328 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	16.2	24.4

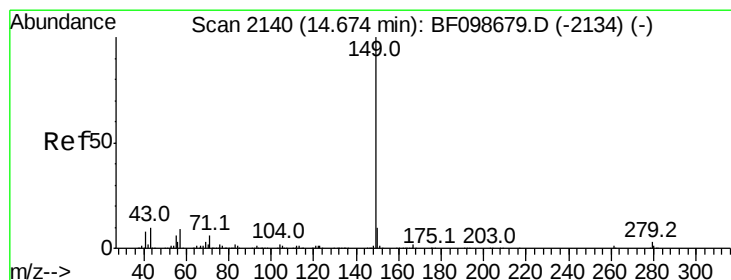
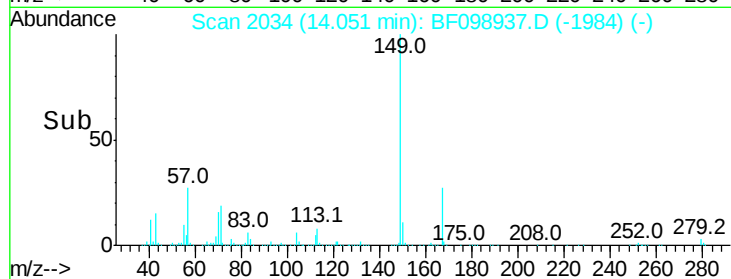
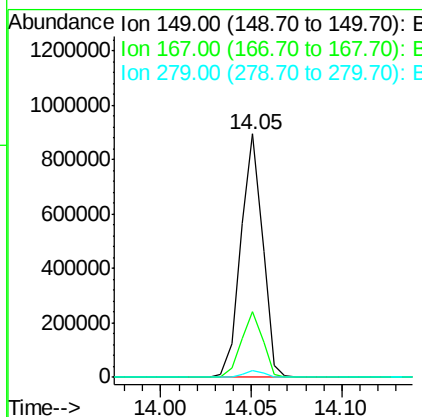
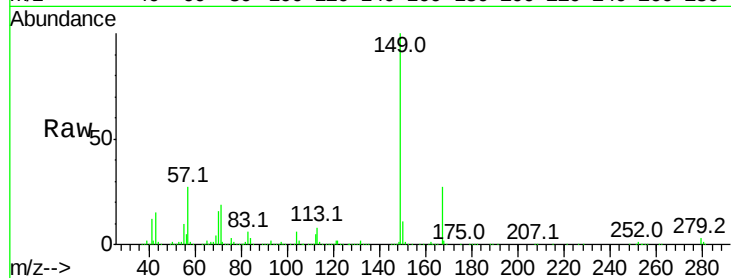




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.407 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

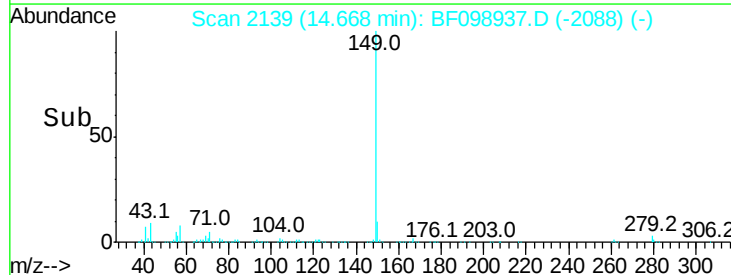
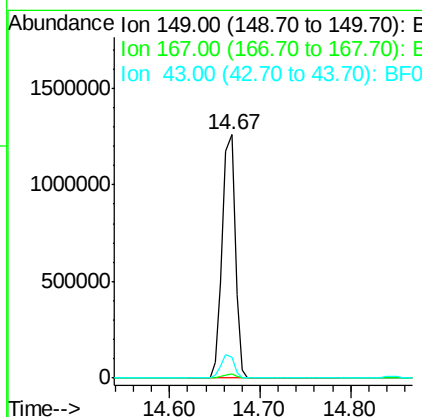
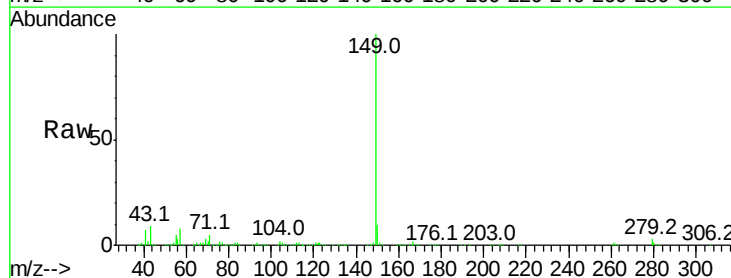
Instrument :
 BNA_F
 ClientSampleId :

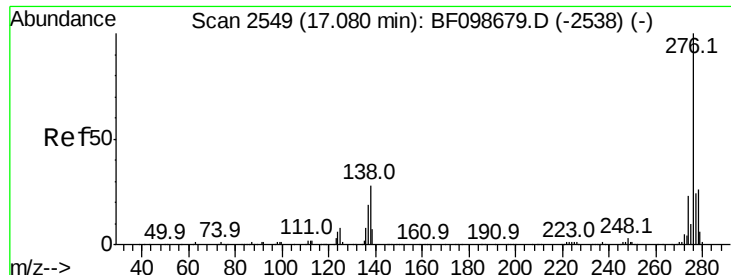
Tot Ion:149 Resp: 747702
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 42.535 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098937.D
 Acq: 29 Sep 2017 9:17

Tgt Ion:149 Resp: 1236778
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.387 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

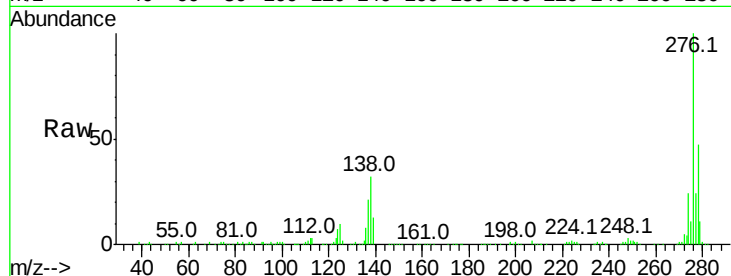
Tot Ion:276 Resp: 647788

Ion Ratio Lower Upper

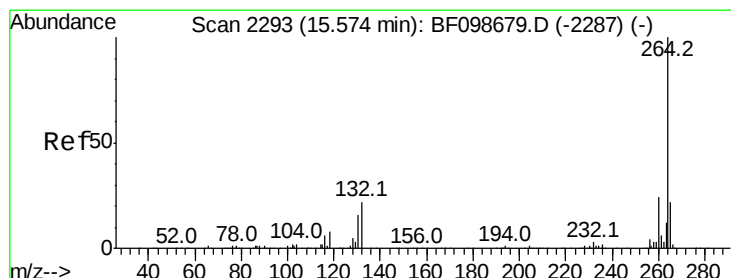
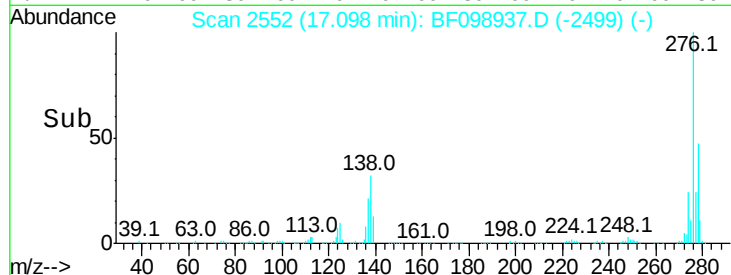
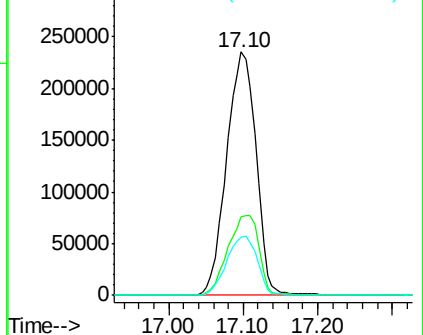
276 100

138 34.5 25.0 37.6

277 25.0 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

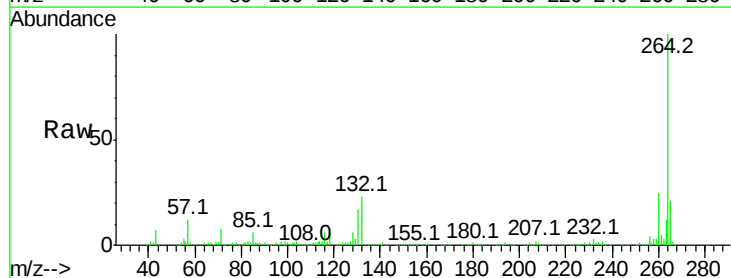
Tgt Ion:264 Resp: 295947

Ion Ratio Lower Upper

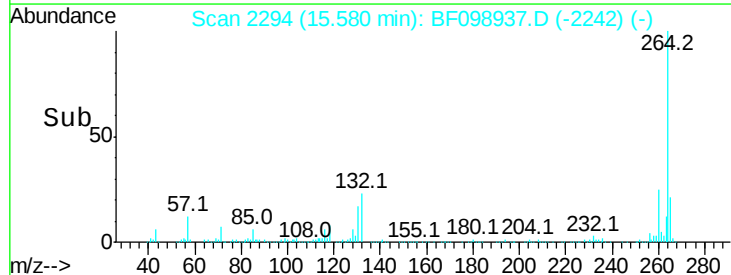
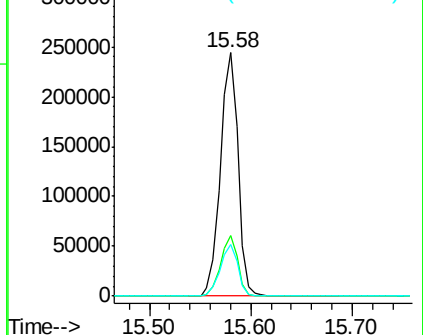
264 100

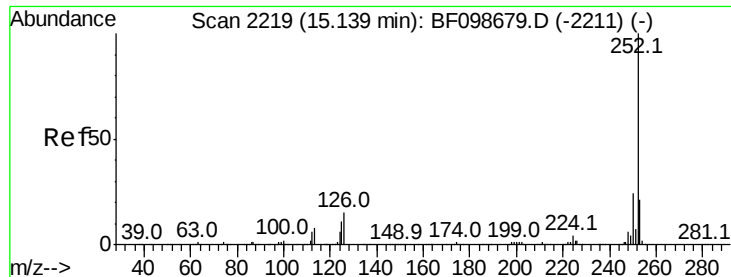
260 24.8 19.2 28.8

265 21.3 17.5 26.3



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

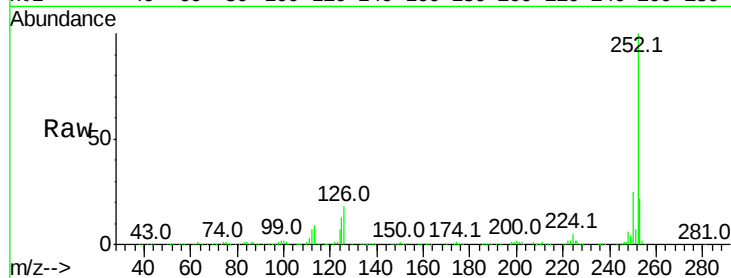




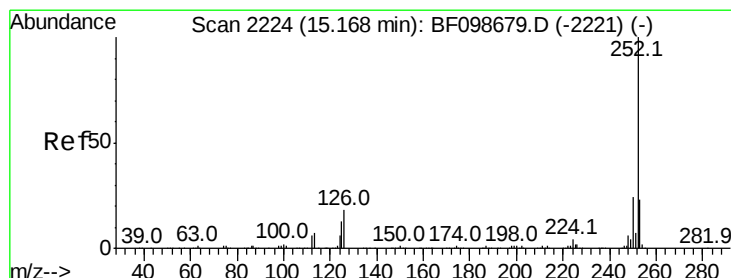
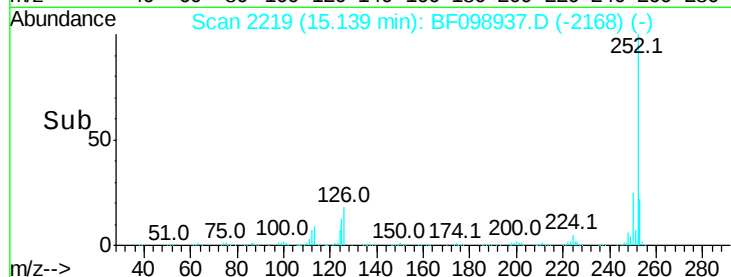
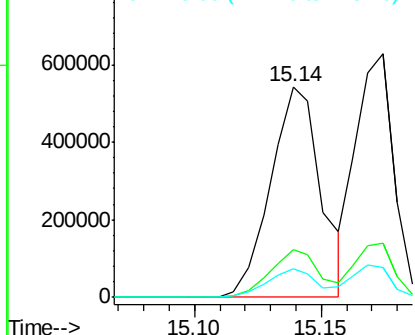
#87
Benzo(b)fluoranthene
Concen: 41.419 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 753659
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.5 9.0 13.6

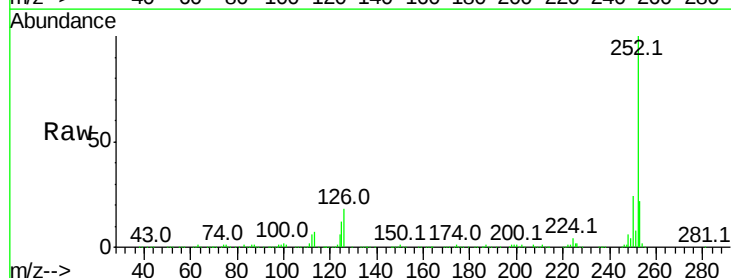


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

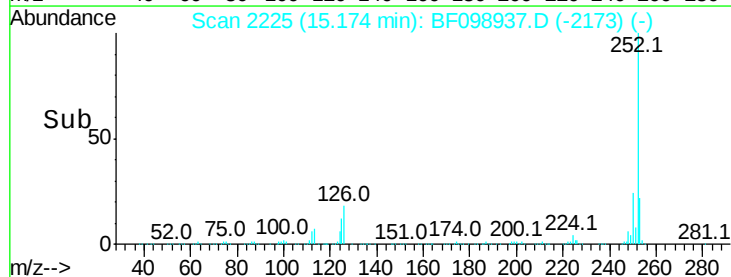
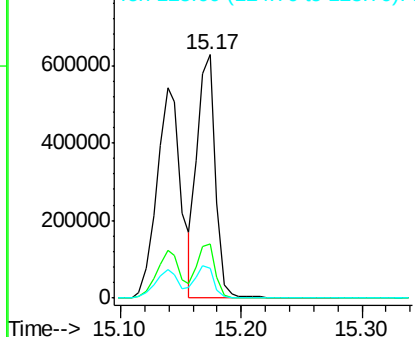


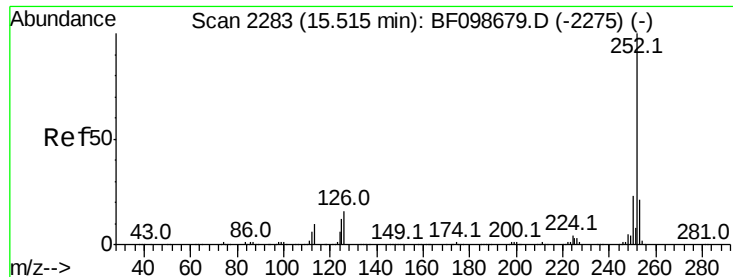
#88
Benzo(k)fluoranthene
Concen: 36.643 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion:252 Resp: 658552
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.1 10.2 15.2



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

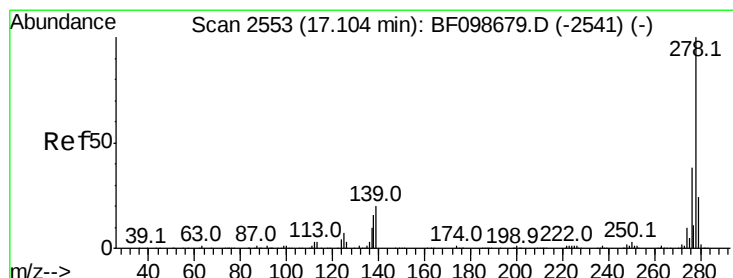
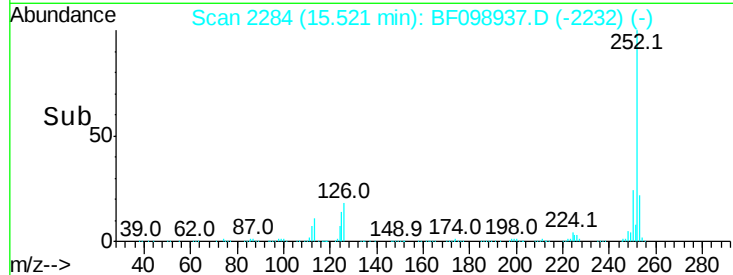
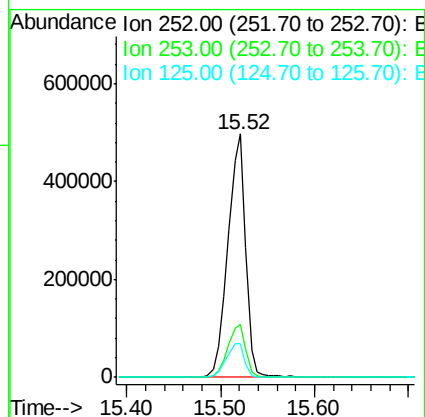
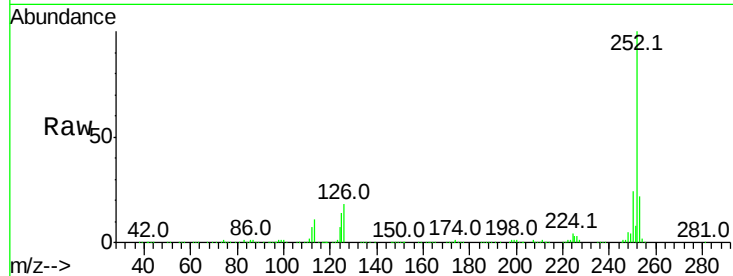




#89
Benzo(a)pyrene
Concen: 39.125 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

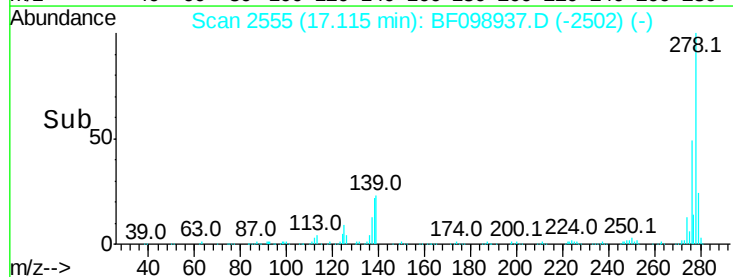
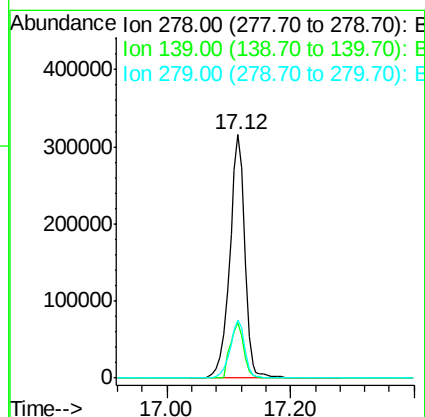
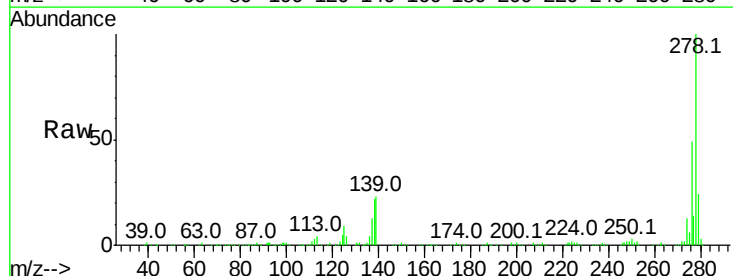
Instrument :
BNA_F
ClientSampleId :

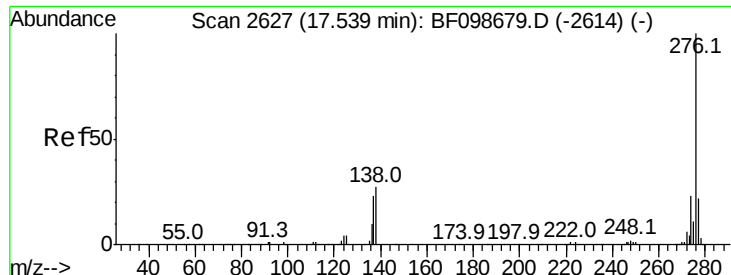
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.235 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF098937.D
Acq: 29 Sep 2017 9:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.585 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.02 min

Lab File: BF098937.D

Acq: 29 Sep 2017 9:17

Instrument :

BNA_F

ClientSampleId :

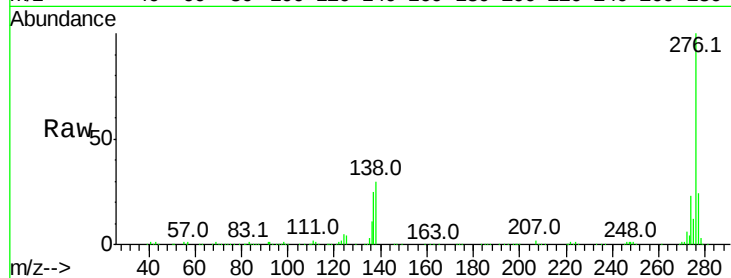
Tot Ion:276 Resp: 523036

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 29.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

