

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098002.D
 Acq On : 24 Aug 2017 15:22
 Operator : SJ/JU
 Sample : PB101787BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

Quant Time: Aug 25 00:57:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112233	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	446319	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	195201	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	371370	20.00	ng	0.00
75) Chrysene-d12	13.89	240	234806	20.00	ng	0.00
86) Perylene-d12	15.30	264	194812	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	962403	130.43	ng	0.00
7) Phenol-d6	6.39	99	1289223	128.60	ng	0.00
23) Nitrobenzene-d5	7.31	82	806023	98.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	242727	143.31	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1184830	89.18	ng	0.00
78) Terphenyl-d14	12.84	244	958783	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	155790	37.86	ng	91
3) Pyridine	3.20	79	461014	40.53	ng	# 85
4) n-Nitrosodimethylamine	3.16	42	178635	40.81	ng	83
6) Aniline	6.40	93	455753	32.36	ng	98
8) 2-Chlorophenol	6.53	128	343215	44.11	ng	97
9) Benzaldehyde	6.29	77	188920	29.75	ng	89
10) Phenol	6.40	94	491052	41.88	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	385047	43.51	ng	97
12) 1,3-Dichlorobenzene	6.68	146	343403	41.03	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	349215	41.02	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	322865	41.13	ng	99
15) Benzyl Alcohol	6.89	79	336394	44.82	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	503733	42.31	ng	89
17) 2-Methylphenol	7.00	107	310440	45.27	ng	95
18) Hexachloroethane	7.25	117	144754	43.37	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	278028	40.51	ng	89
20) 3+4-Methylphenols	7.16	107	360823	43.08	ng	96
22) Acetophenone	7.15	105	493097	41.82	ng	# 93
24) Nitrobenzene	7.33	77	436071	47.67	ng	94
25) Isophorone	7.57	82	779494	45.63	ng	97
26) 2-Nitrophenol	7.64	139	175341	52.37	ng	# 75
27) 2,4-Dimethylphenol	7.69	122	315925	44.34	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	491036	43.72	ng	99
29) 2,4-Dichlorophenol	7.89	162	273589	46.26	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	281632	42.96	ng	99
31) Naphthalene	8.05	128	982106	42.39	ng	100
32) Benzoic acid	7.81	122	190596	38.22	ng	84
33) 4-Chloroaniline	8.10	127	267973	27.42	ng	97
34) Hexachlorobutadiene	8.16	225	161072	42.08	ng	97
35) Caprolactam	8.47	113	54944	27.33	ng	97
36) 4-Chloro-3-methylphenol	8.58	107	329930	43.42	ng	# 79
37) 2-Methylnaphthalene	8.74	142	643838	45.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	252045	42.07	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	322084	111.91	ng	99

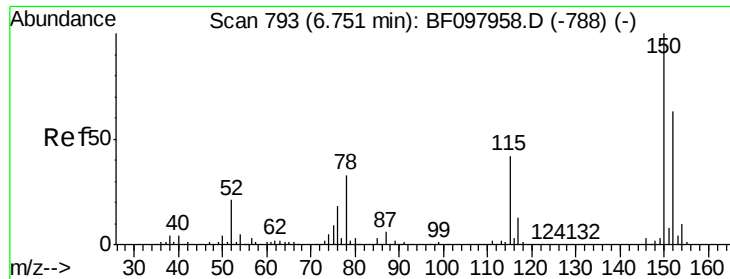
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	188555	46.88	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	191193	47.92	nq	97
45) 1,1'-Biphenyl	9.20	154	744719	41.84	nq	96
46) 2-Chloronaphthalene	9.23	162	552900	42.04	nq	94
47) 2-Nitroaniline	9.32	65	218032	49.45	nq	94
48) Acenaphthylene	9.64	152	900662	43.61	nq	99
49) Dimethylphthalate	9.50	163	645438	45.23	nq	100
50) 2,6-Dinitrotoluene	9.56	165	139411	48.95	nq	# 49
51) Acenaphthene	9.81	154	534134	41.00	nq	99
52) 3-Nitroaniline	9.73	138	125501	34.15	nq	89
53) 2,4-Dinitrophenol	9.84	184	82846	63.54	nq	# 79
54) Dibenzofuran	9.98	168	798476	45.74	nq	99
55) 4-Nitrophenol	9.90	139	251795	85.90	nq	# 48
56) 2,4-Dinitrotoluene	9.97	165	182931	51.18	nq	# 54
57) Fluorene	10.33	166	583468	43.23	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	158156	51.20	nq	95
59) Diethylphthalate	10.20	149	703650	47.16	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	277445	44.25	nq	90
61) 4-Nitroaniline	10.35	138	157587	45.12	nq	# 69
62) Azobenzene	10.48	77	820229	46.28	nq	94
64) 4,6-Dinitro-2-methylphenol	10.37	198	68727	40.79	nq	85
65) n-Nitrosodiphenylamine	10.44	169	546340	43.20	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	173285	44.93	nq	98
67) Hexachlorobenzene	10.87	284	169565	43.14	nq	# 85
68) Atrazine	10.97	200	160772	47.94	nq	97
69) Pentachlorophenol	11.06	266	179700	78.41	nq	99
70) Phenanthrene	11.29	178	854197	43.16	nq	99
71) Anthracene	11.33	178	891365	44.41	nq	99
72) Carbazole	11.49	167	808943	42.46	nq	98
73) Di-n-butylphthalate	11.83	149	1048031	47.76	nq	100
74) Fluoranthene	12.47	202	868780	42.06	nq	98
76) Benzidine	12.59	184	393466	51.11	nq	# 91
77) Pyrene	12.69	202	893117	46.51	nq	99
79) Butylbenzylphthalate	13.32	149	390320	53.01	nq	# 69
80) Benzo(a)anthracene	13.88	228	590156	41.94	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	161239	33.95	nq	# 94
82) Chrysene	13.92	228	589911	42.14	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	464987	56.99	nq	# 99
84) Di-n-octyl phthalate	14.49	149	791295	55.74	nq	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	580099	56.33	nq	93
87) Benzo(b)fluoranthene	14.90	252	531958	43.32	nq	97
88) Benzo(k)fluoranthene	14.93	252	478846	41.51	nq	# 94
89) Benzo(a)pyrene	15.24	252	498138	45.82	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	473257	53.47	nq	98
91) Benzo(g,h,i)perylene	17.10	276	499878	54.13	nq	93

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

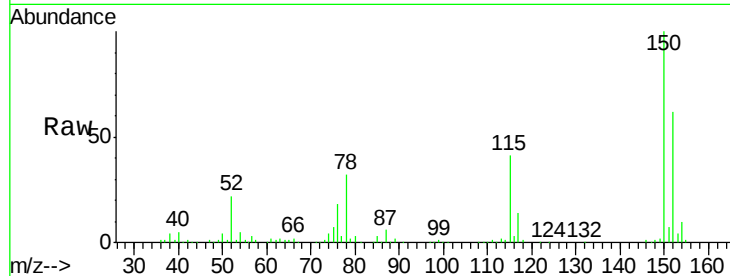


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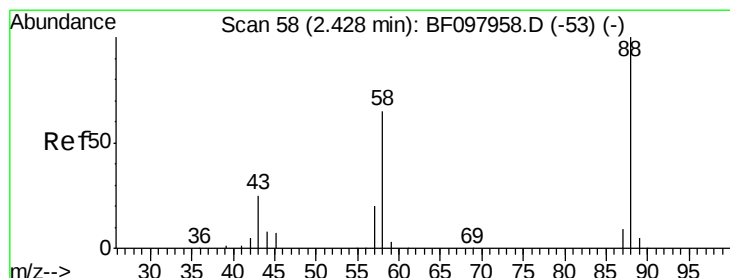
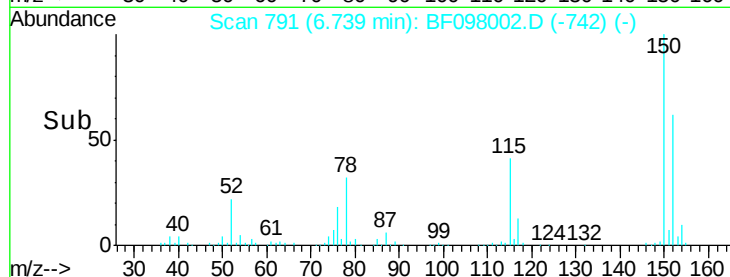
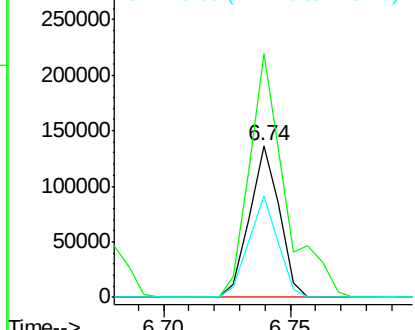
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101787BS

Tot Ion:152 Resp: 112233
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 66.4 52.2 78.2



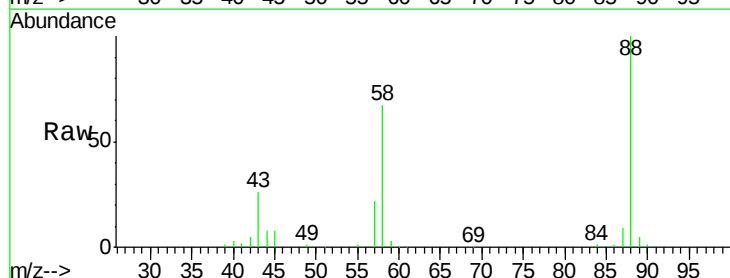
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



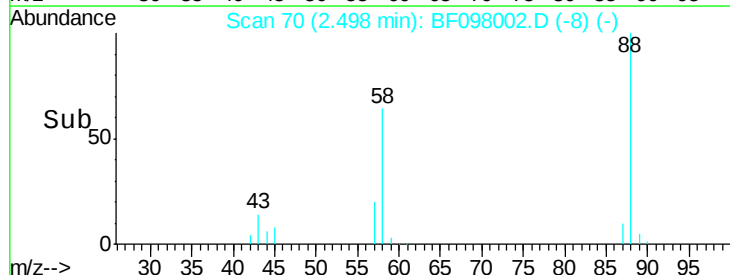
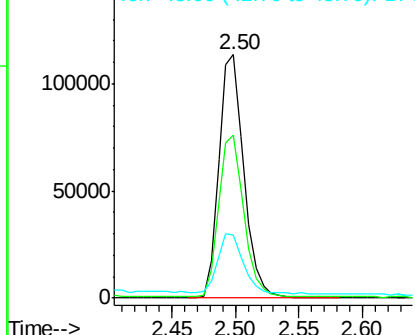
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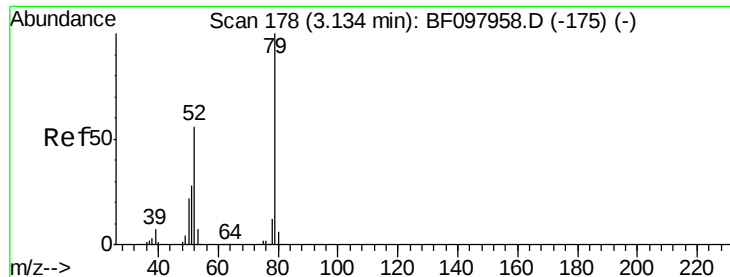
1,4-Dioxane
Concen: 37.86 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion: 88 Resp: 155790
Ion Ratio Lower Upper
88 100
58 67.7 61.4 92.0
43 25.7 23.4 35.0



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





#3

Pvrindine

Concen: 40.53 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.06 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

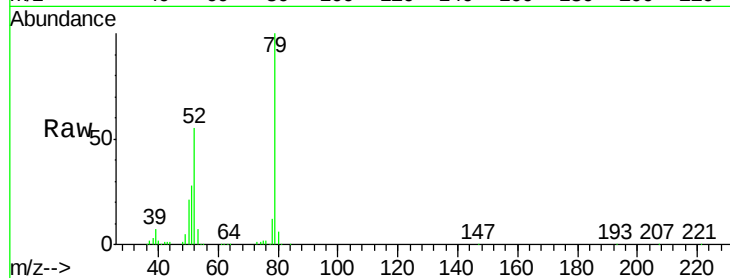
Tot Ion: 79 Resp: 461014

Ion Ratio Lower Upper

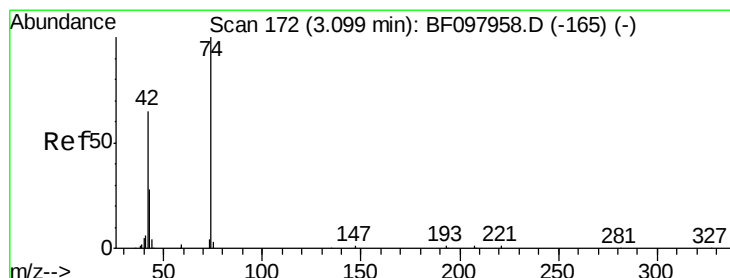
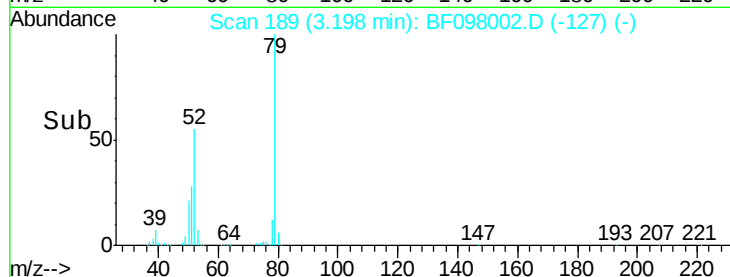
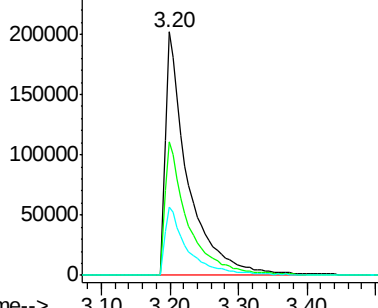
79 100

52 54.8 54.8 82.2#

51 27.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.81 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.05 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

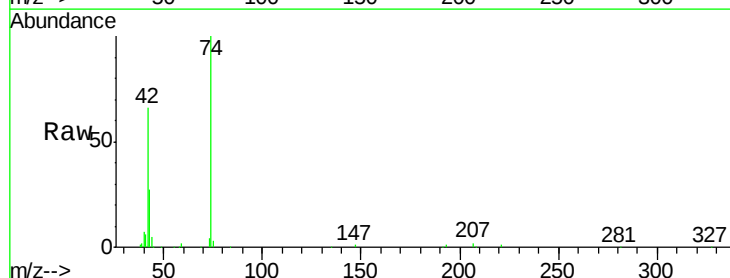
Tgt Ion: 42 Resp: 178635

Ion Ratio Lower Upper

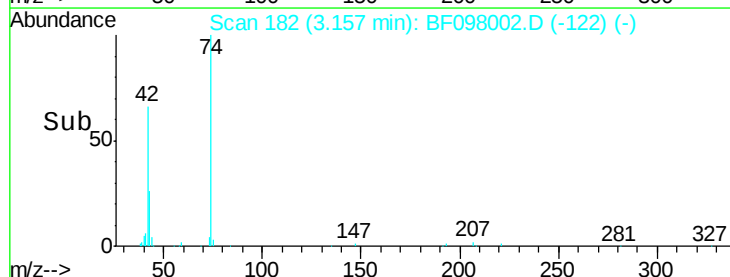
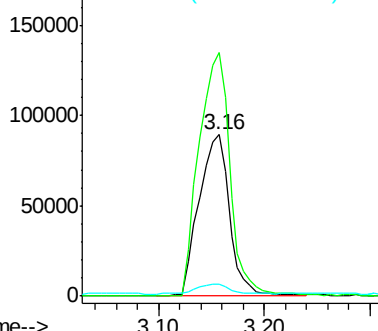
42 100

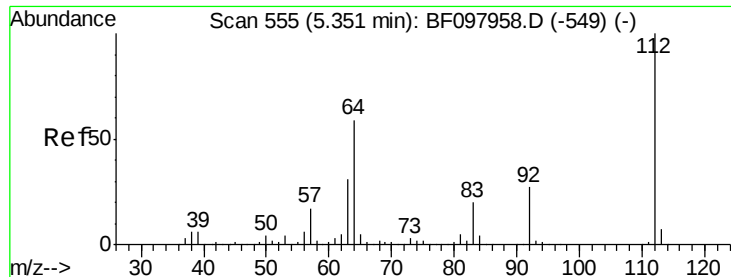
74 150.8 103.9 155.9

44 7.6 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.43 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleID :

PB101787BS

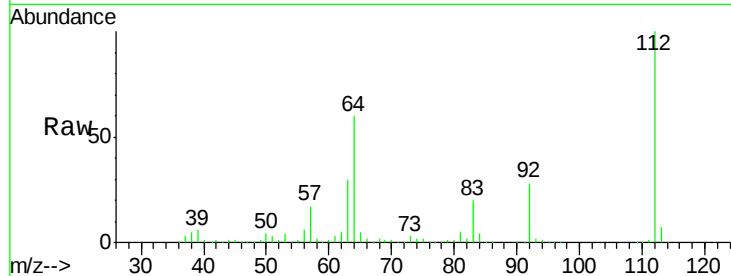
Tot Ion:112 Resp: 962403

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

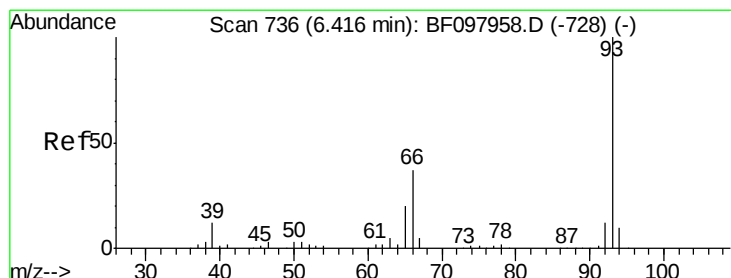
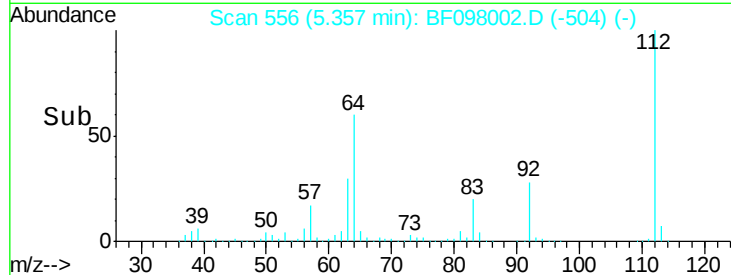
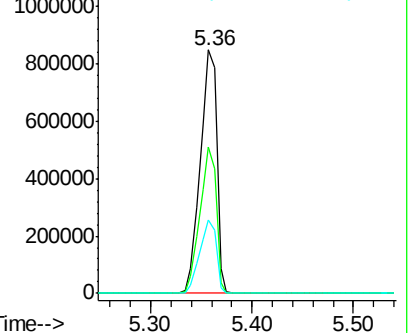
63 30.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.36 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

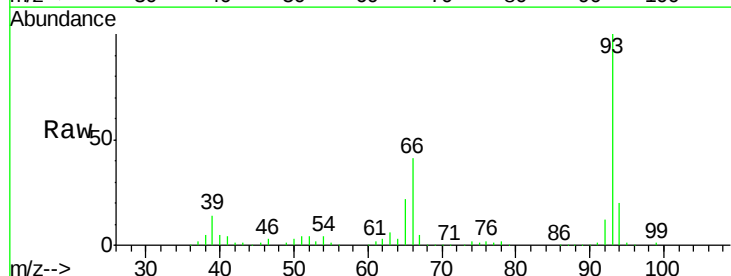
Tgt Ion: 93 Resp: 455753

Ion Ratio Lower Upper

93 100

66 41.1 32.9 49.3

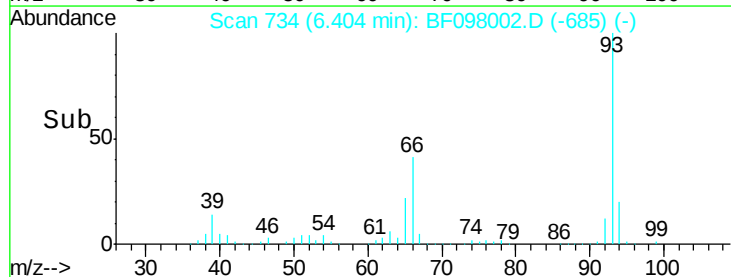
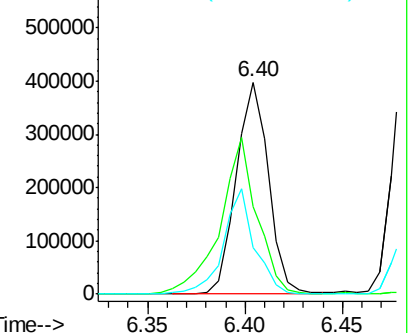
65 22.2 16.0 24.0

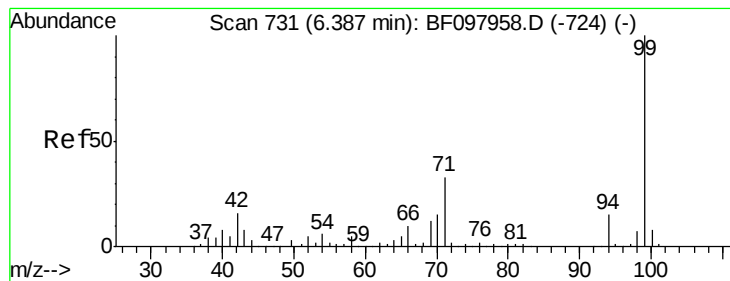


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.60 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

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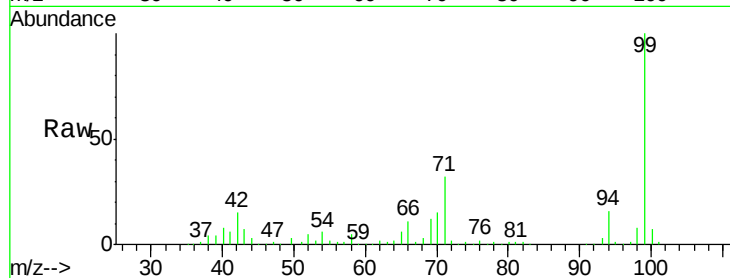
Tot Ion: 99 Resp: 1289223

Ion Ratio Lower Upper

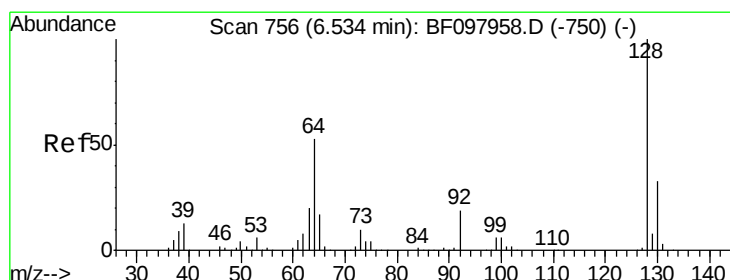
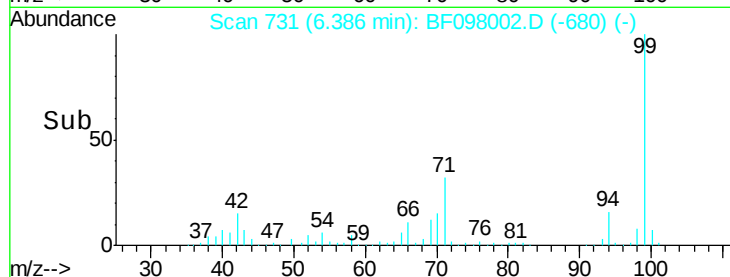
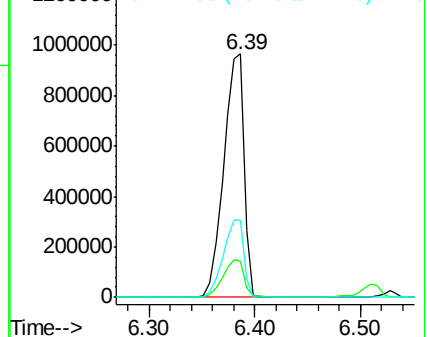
99 100

42 14.7 13.5 20.3

71 32.0 24.5 36.7



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



#8

2-Chlorophenol

Concen: 44.11 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

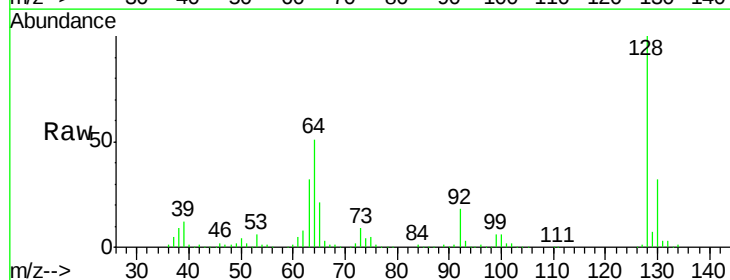
Tgt Ion: 128 Resp: 343215

Ion Ratio Lower Upper

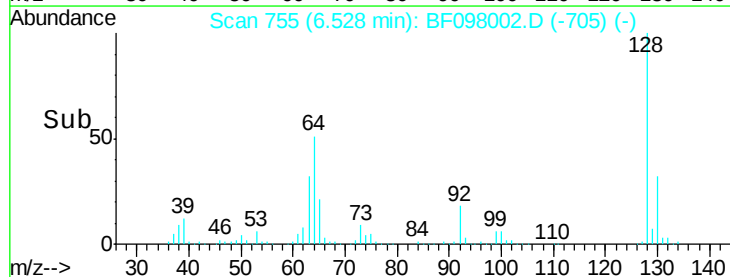
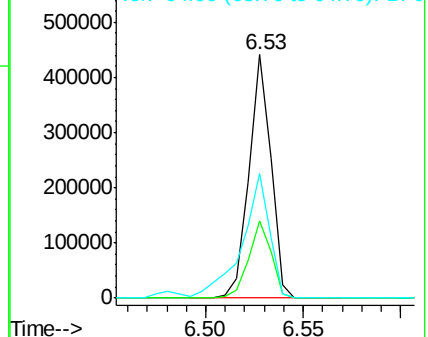
128 100

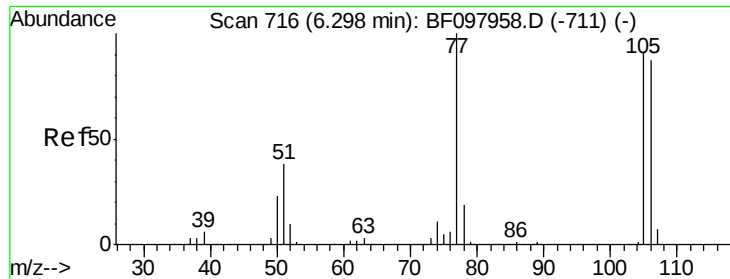
130 31.9 12.9 52.9

64 51.3 28.4 68.4



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

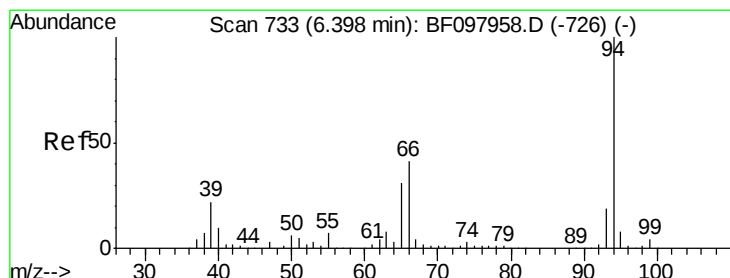
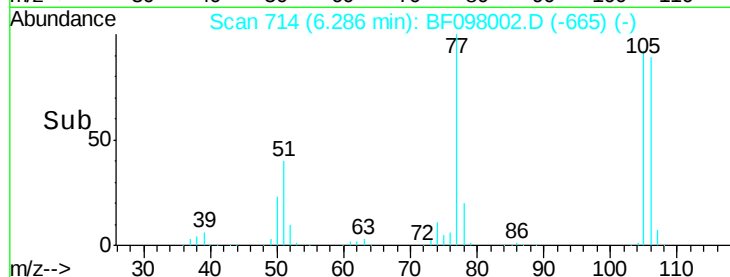
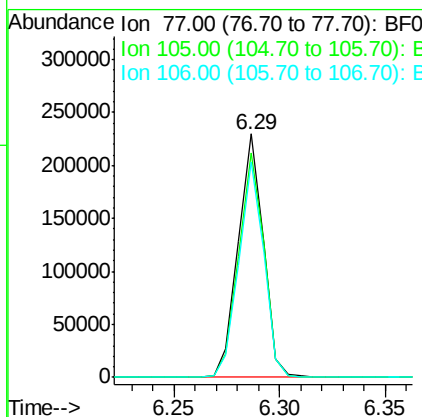
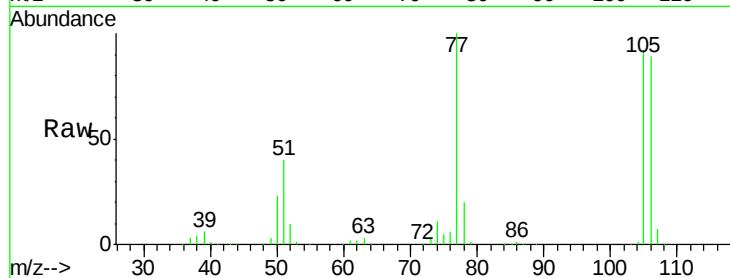




#9
Benzaldehyde
Concen: 29.75 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

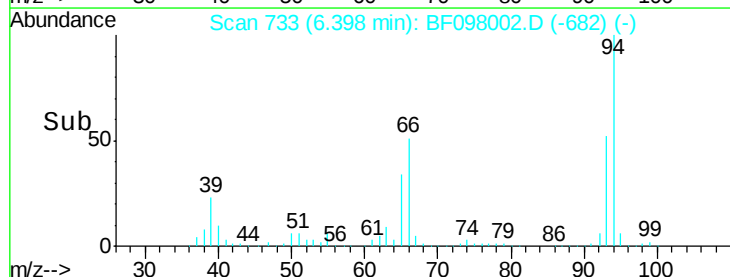
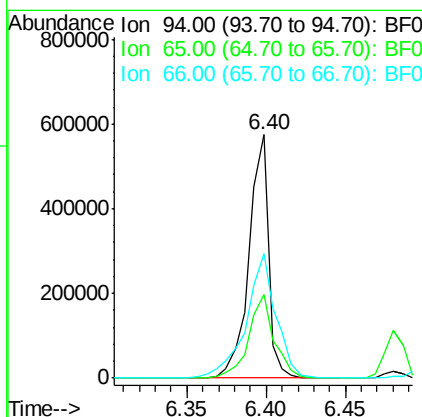
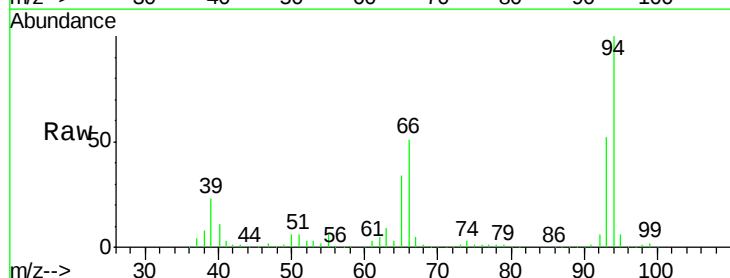
Instrument :
BNA_F
ClientSampleId :
PB101787BS

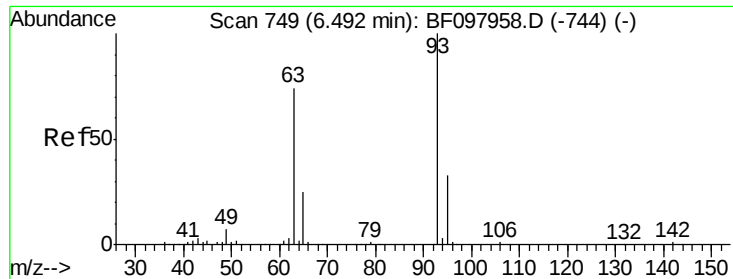
Tot Ion: 77 Resp: 188920
Ion Ratio Lower Upper
77 100
105 91.9 83.8 123.8
106 88.5 79.1 119.1



#10
Phenol
Concen: 41.88 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion: 94 Resp: 491052
Ion Ratio Lower Upper
94 100
65 34.3 9.9 49.9
66 51.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.51 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

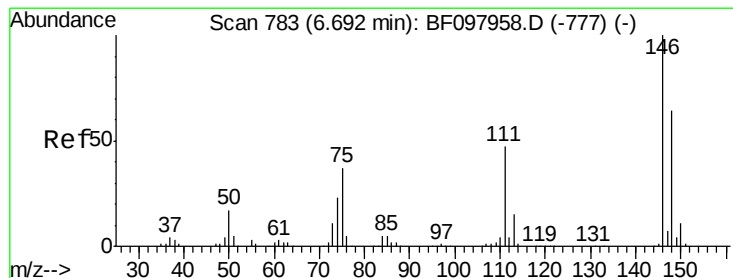
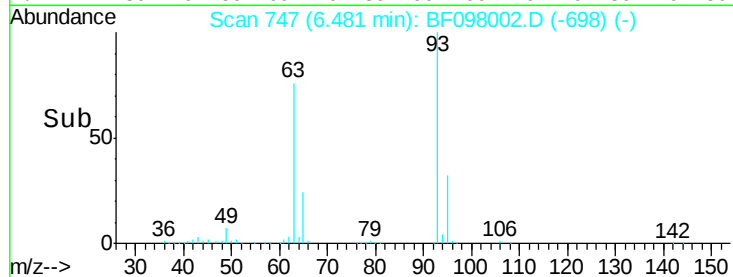
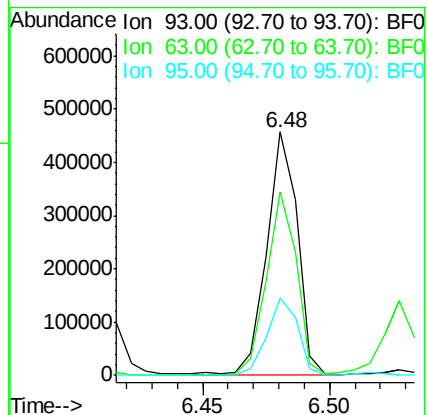
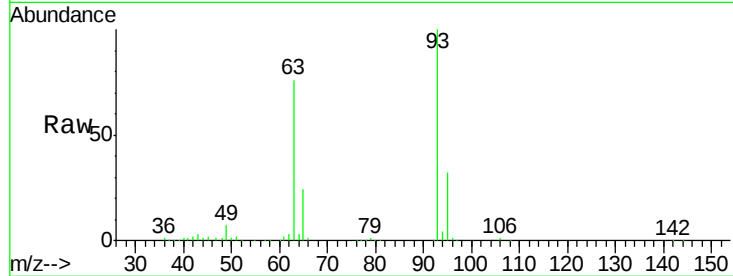
Tot Ion: 93 Resp: 385047

Ion Ratio Lower Upper

93 100

63 75.5 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.03 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

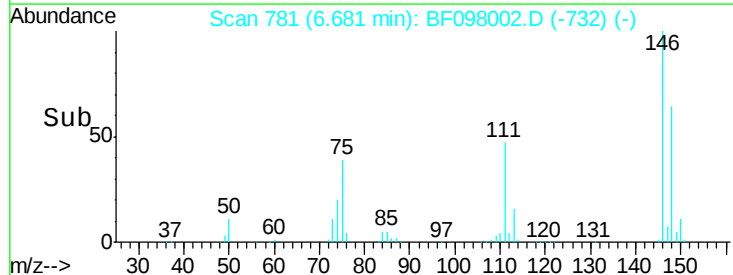
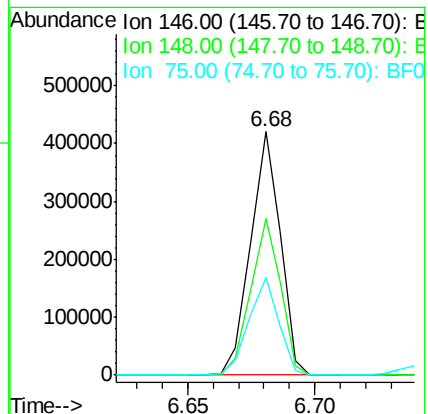
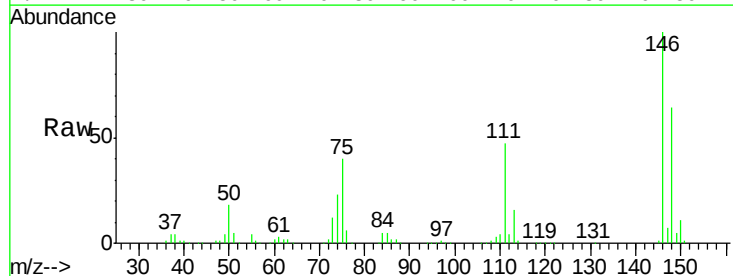
Tgt Ion: 146 Resp: 343403

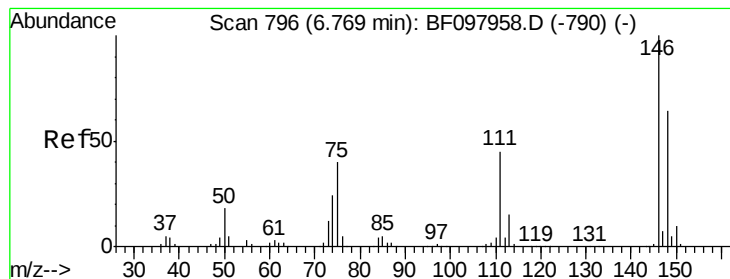
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 40.0 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 41.02 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

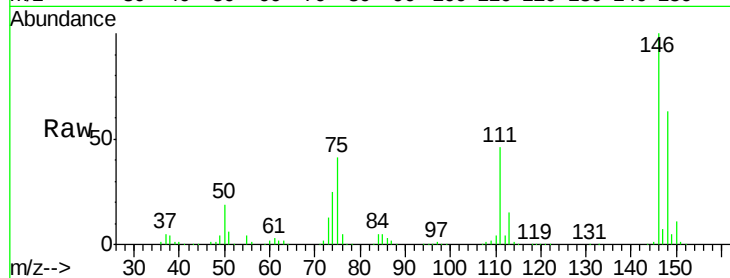
Tot Ion:146 Resp: 349215

Ion Ratio Lower Upper

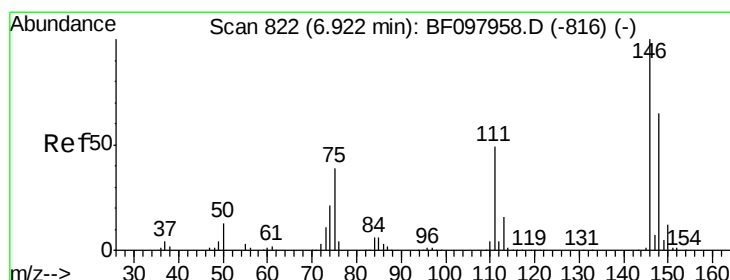
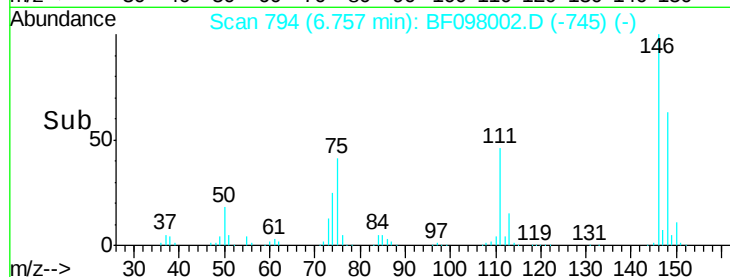
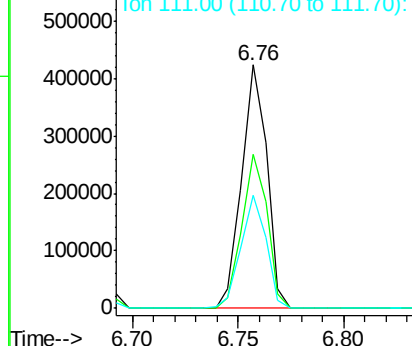
146 100

148 63.2 52.2 78.2

111 46.4 30.3 45.5#



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



#14

1,2-Dichlorobenzene

Concen: 41.13 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

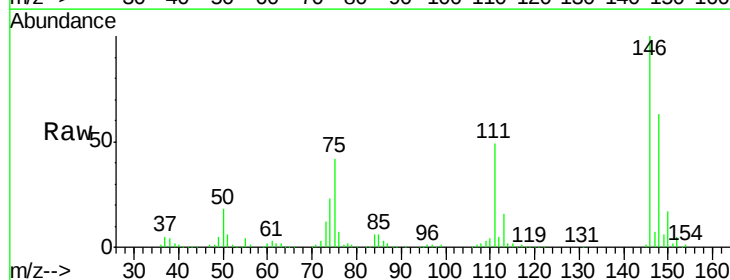
Tgt Ion:146 Resp: 322865

Ion Ratio Lower Upper

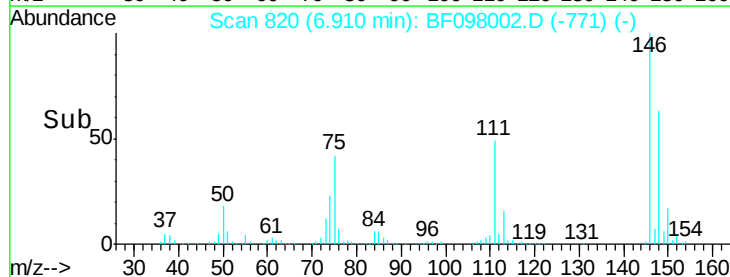
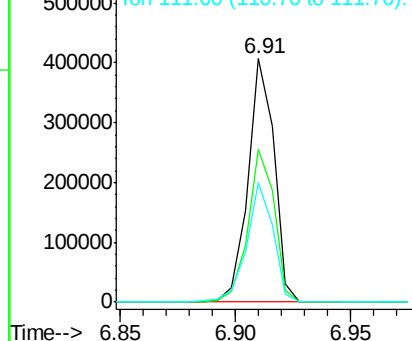
146 100

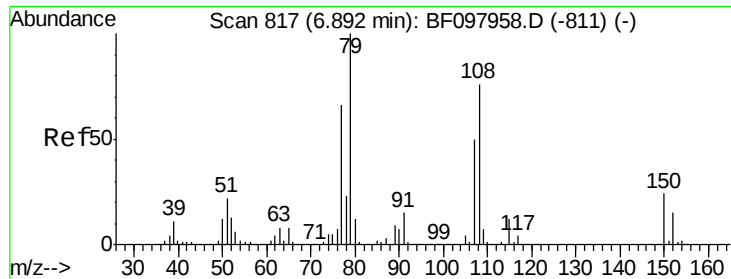
148 63.0 50.4 75.6

111 49.2 38.2 57.4



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

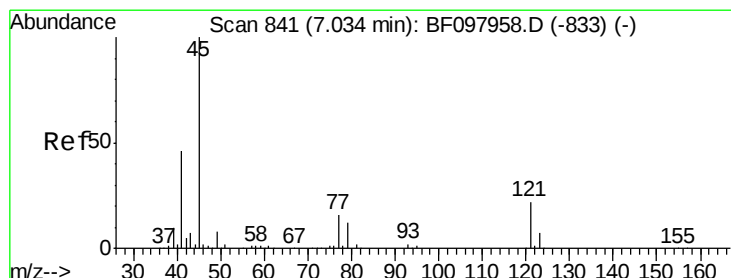
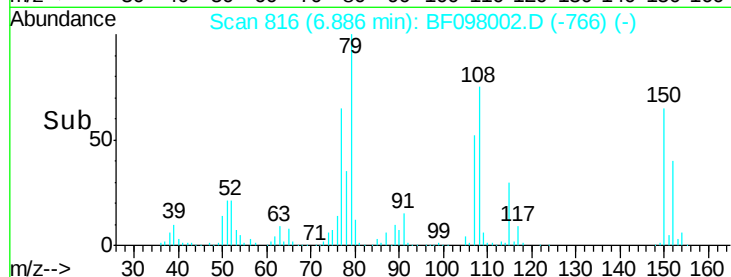
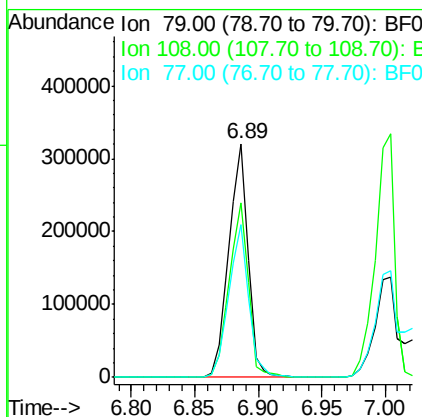
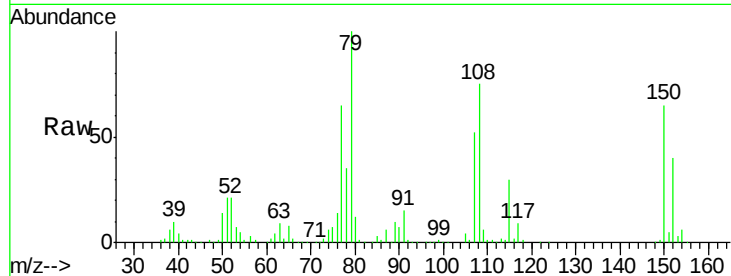




#15
Benzyl Alcohol
Concen: 44.82 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

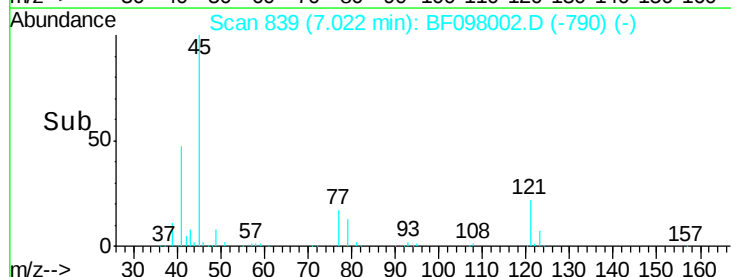
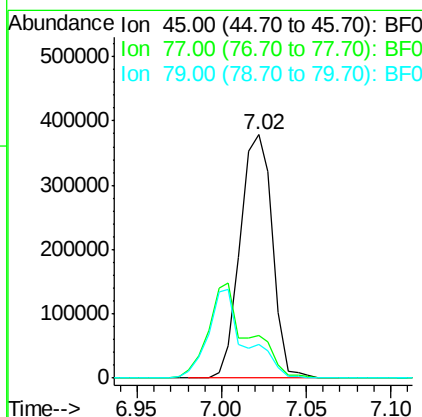
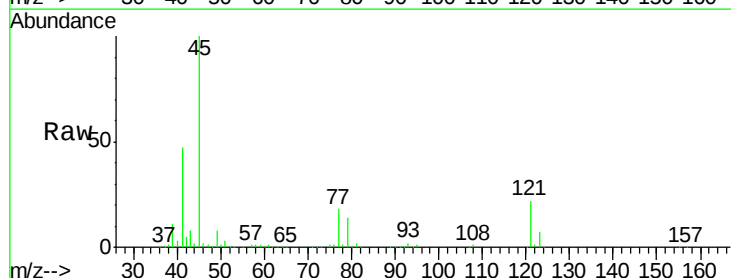
Instrument :
BNA_F
ClientSampleId :
PB101787BS

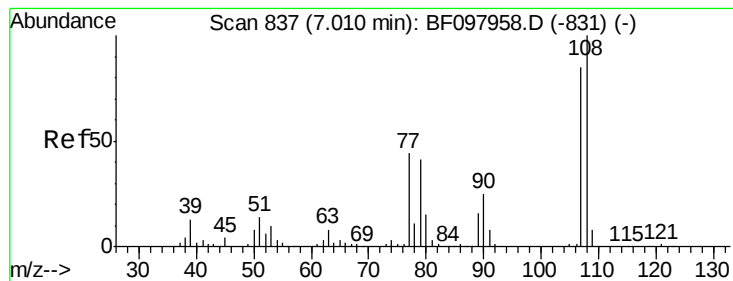
Tot Ion: 79 Resp: 336394
Ion Ratio Lower Upper
79 100
108 74.8 63.4 95.0
77 65.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.31 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion: 45 Resp: 503733
Ion Ratio Lower Upper
45 100
77 17.7 0.0 33.2
79 13.8 0.0 30.0

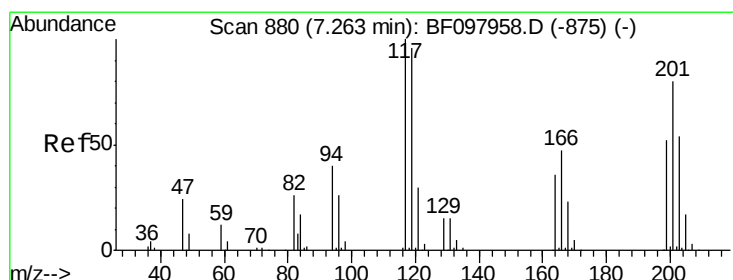
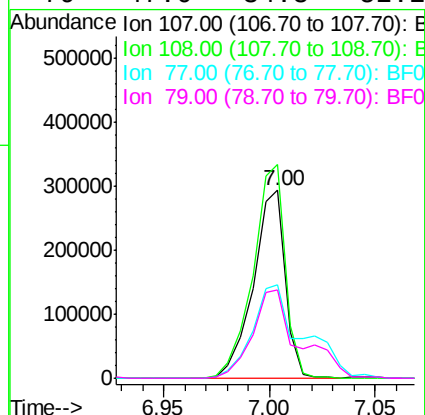
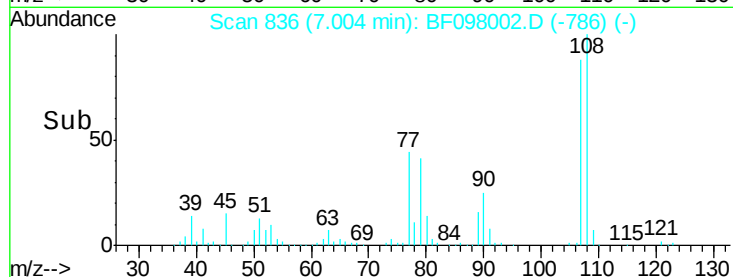
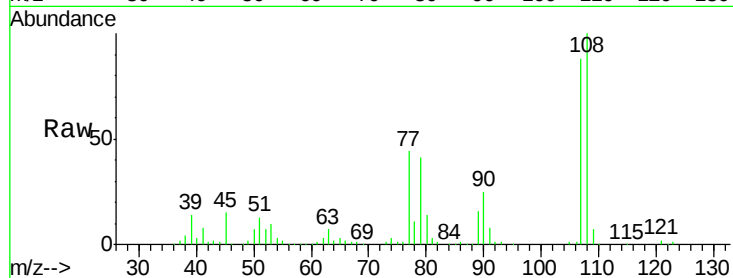




#17
2-Methylphenol
Concen: 45.27 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

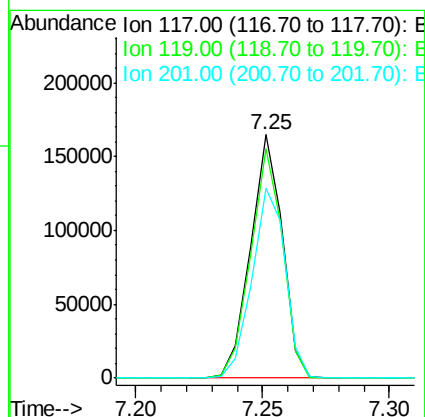
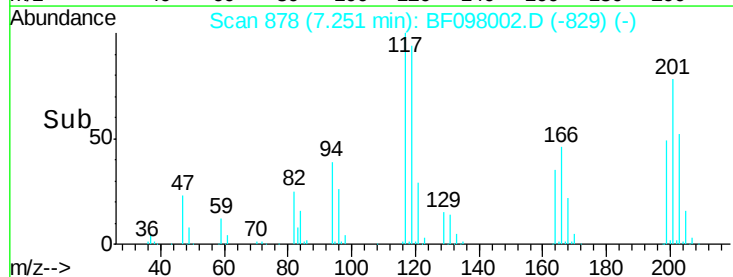
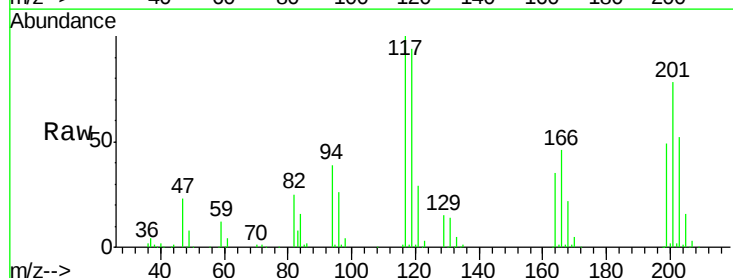
Instrument :
BNA_F
ClientSampleId :
PB101787BS

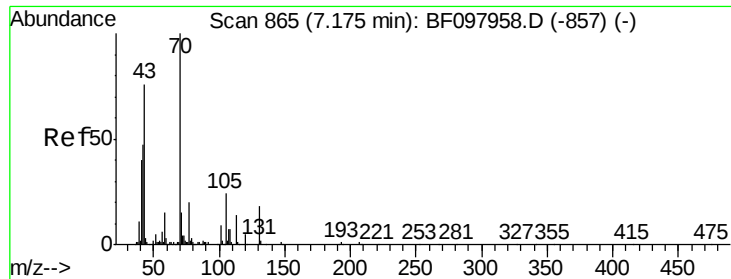
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	50.0	35.8	53.6
79	47.0	34.8	52.2



#18
Hexachloroethane
Concen: 43.37 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	77.9	94.6	141.8#

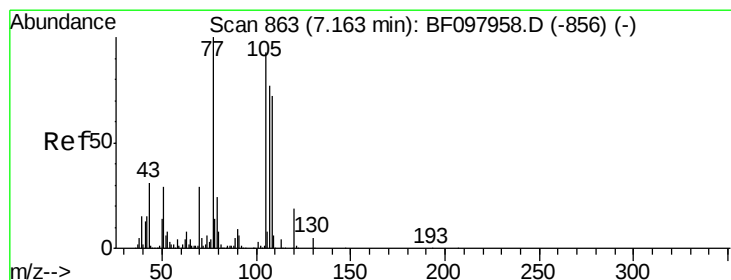
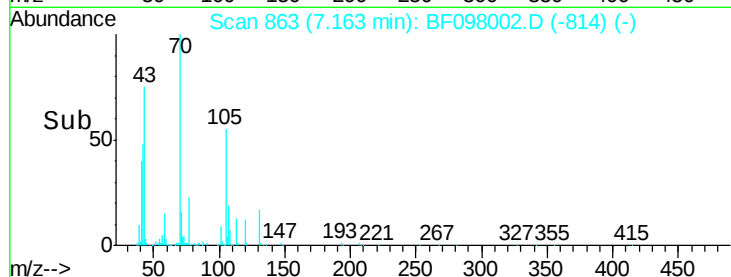
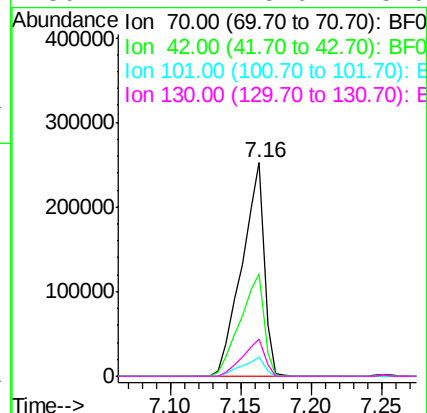
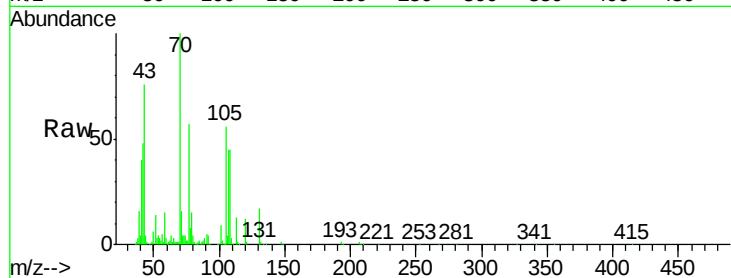




#19
n-Nitroso-di-n-propylamine
Concen: 40.51 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

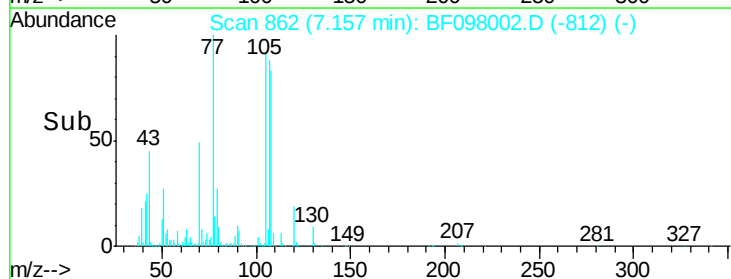
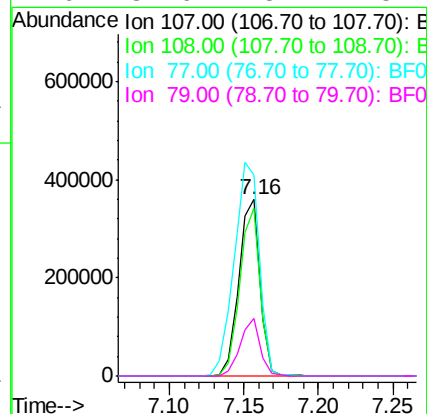
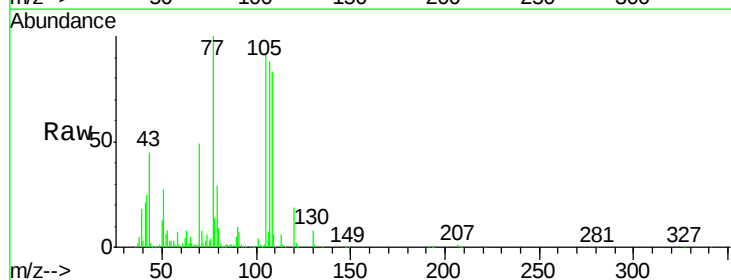
Instrument :
BNA_F
ClientSampleId :
PB101787BS

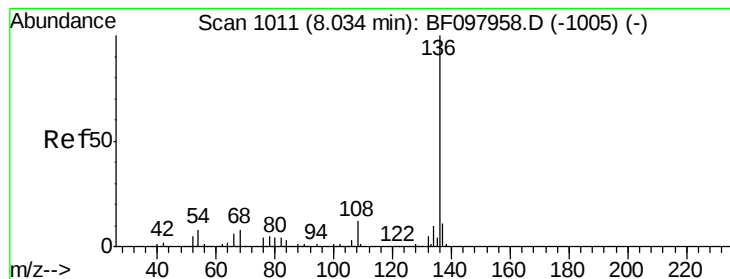
Tot Ion:	70	Resp:	278028
Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.2	70.8
101	8.7	7.2	10.8
130	17.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.08 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:	107	Resp:	360823
Ion	Ratio	Lower	Upper
107	100		
108	95.3	71.0	111.0
77	114.2	90.5	130.5
79	32.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

Tot Ion:136 Resp: 446319

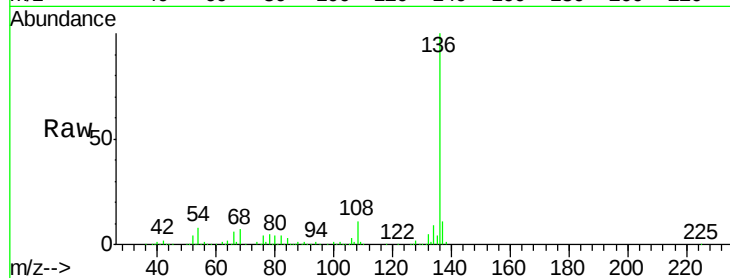
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.0 4.9 7.3#

68 7.0 4.1 6.1#

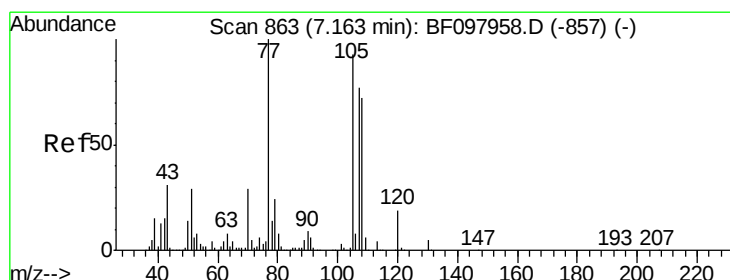
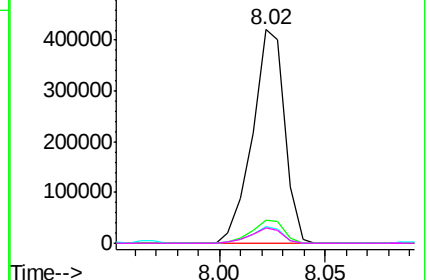
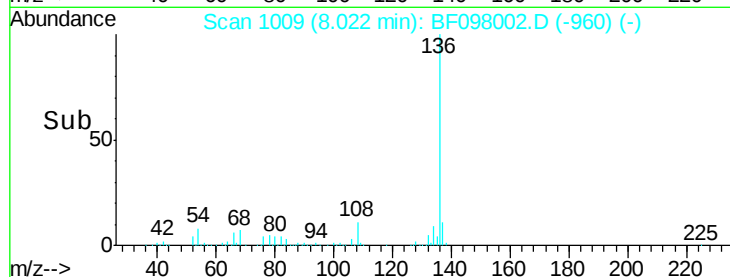


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.82 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Tgt Ion:105 Resp: 493097

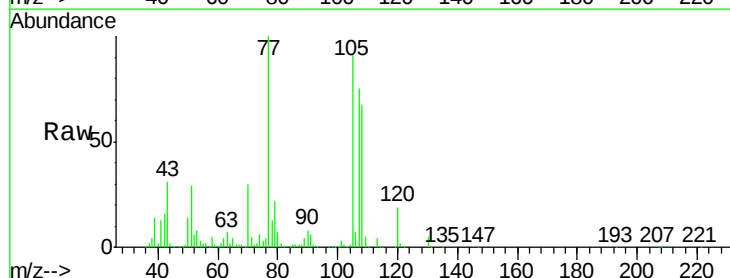
Ion Ratio Lower Upper

105 100

71 5.4 2.8 4.2#

51 32.0 30.7 46.1

120 20.9 17.4 26.0

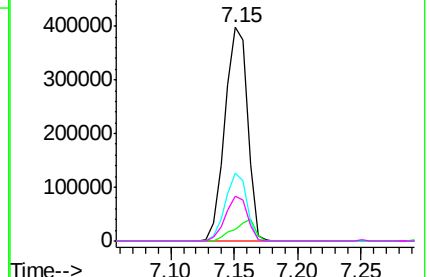
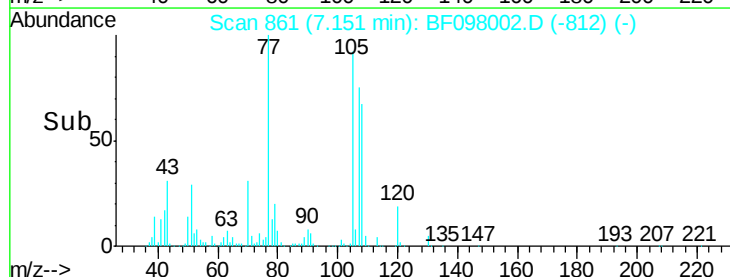


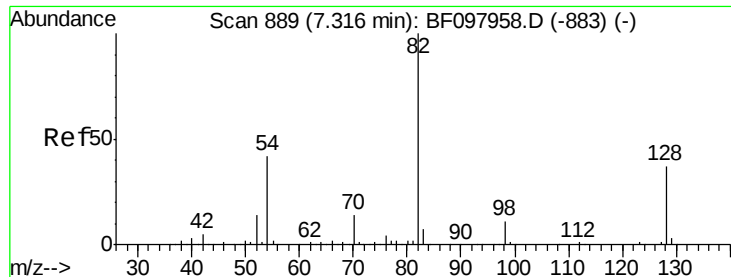
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

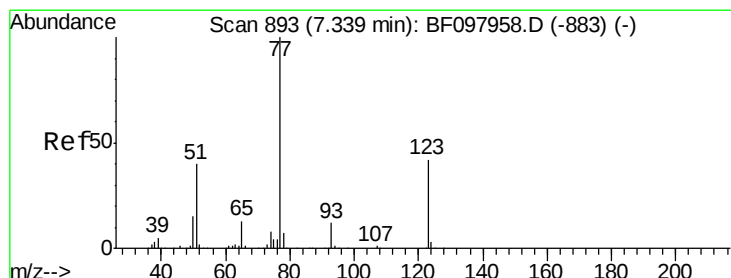
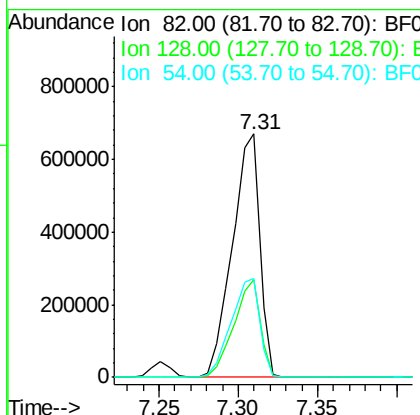
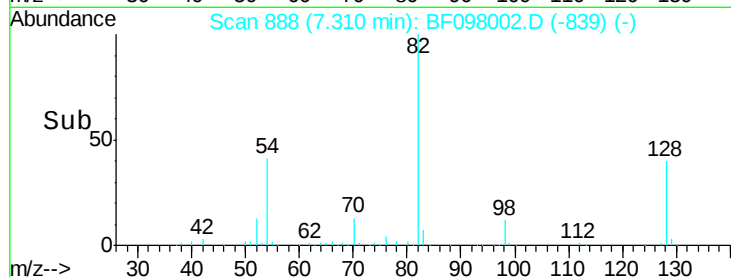
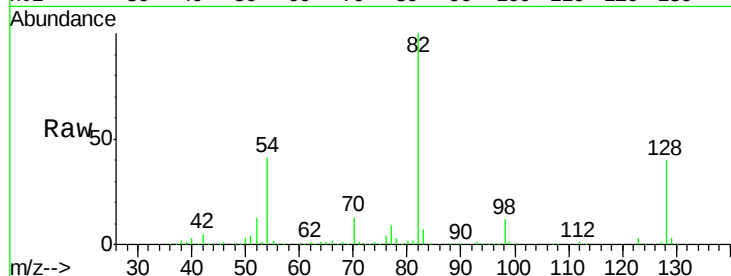




#23
 Nitrobenzene-d5
 Concen: 98.11 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

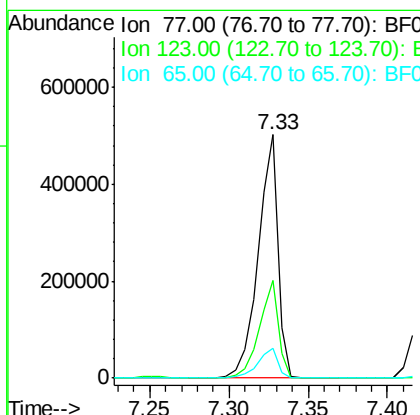
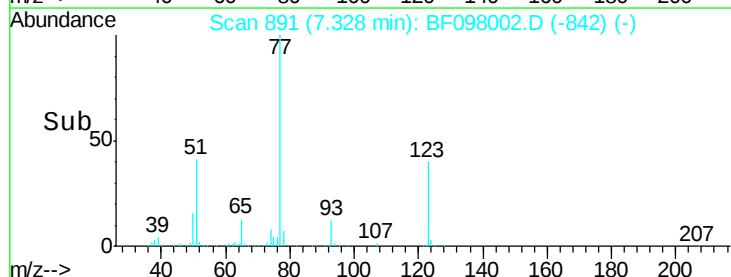
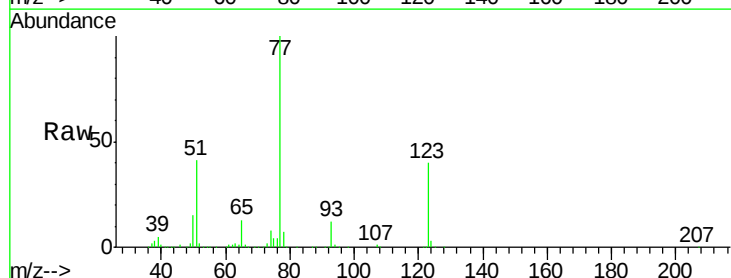
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

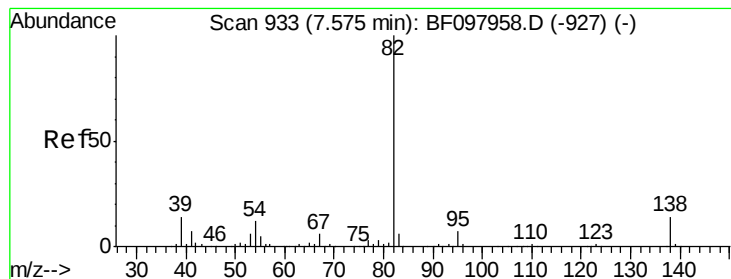
Tot Ion: 82 Resp: 806023
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.0 51.0
 54 40.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 47.67 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion: 77 Resp: 436071
 Ion Ratio Lower Upper
 77 100
 123 40.0 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 45.63 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampled :

PB101787BS

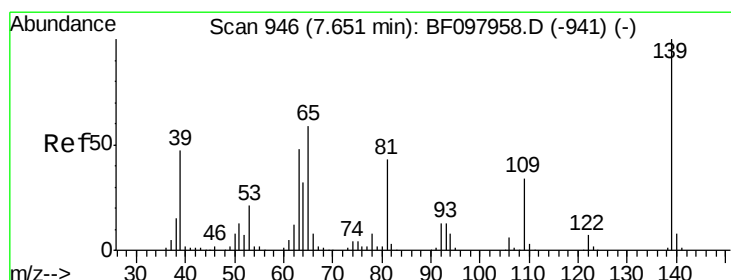
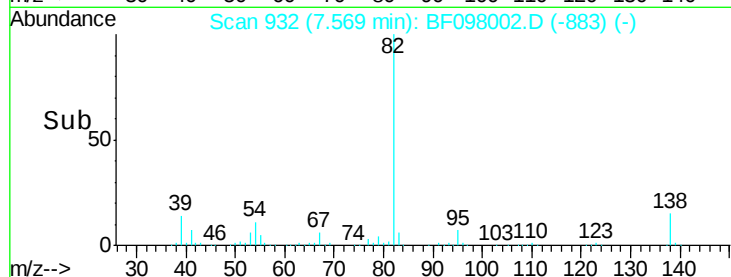
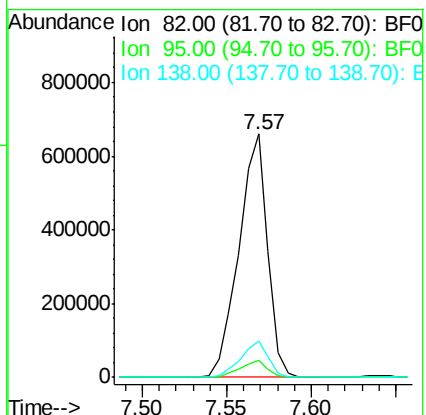
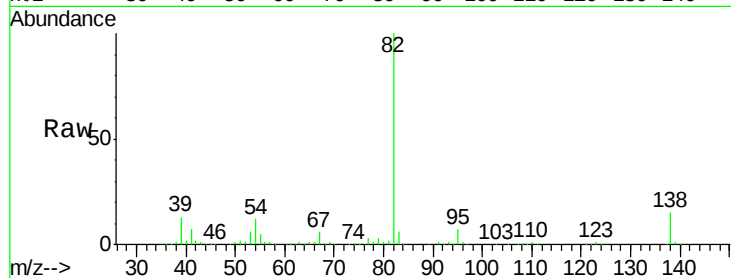
Tot Ion: 82 Resp: 779494

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 15.0 13.1 19.7



#26

2-Nitrophenol

Concen: 52.37 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

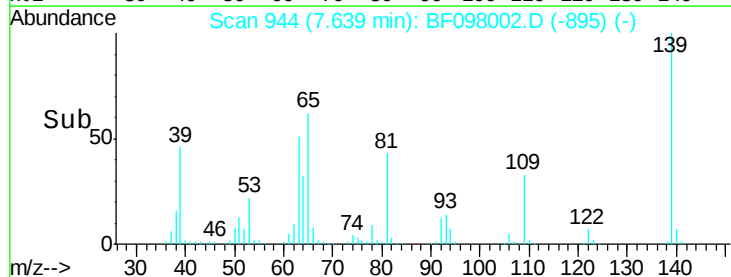
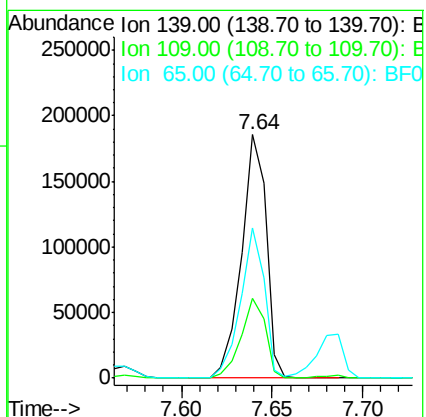
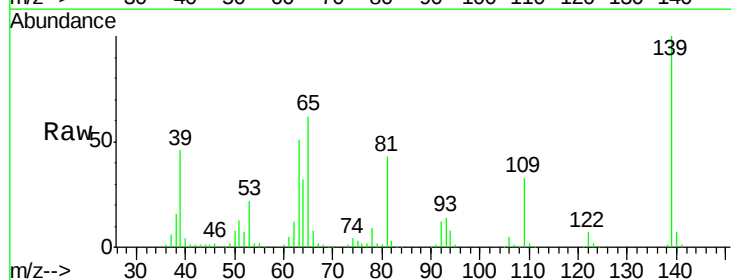
Tgt Ion: 139 Resp: 175341

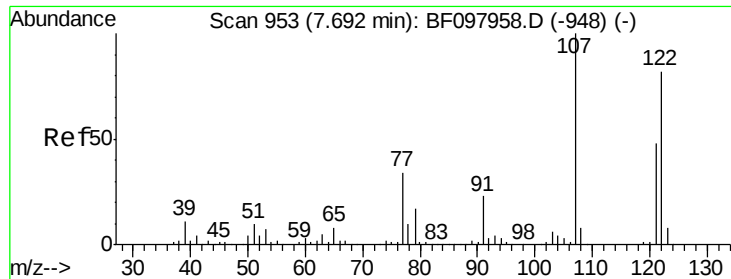
Ion Ratio Lower Upper

139 100

109 33.0 21.0 31.6#

65 61.8 33.0 49.6#

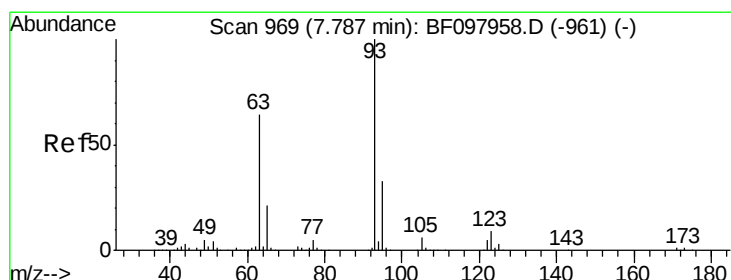
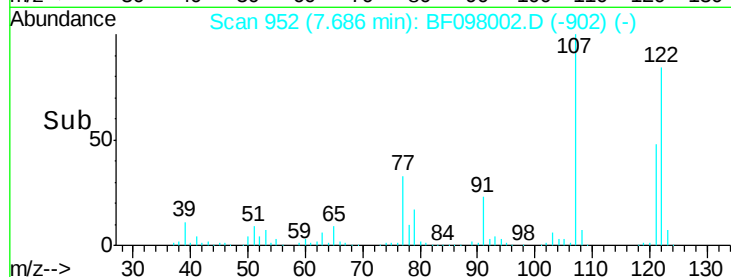
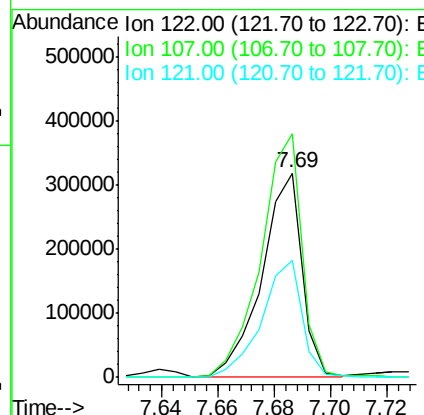
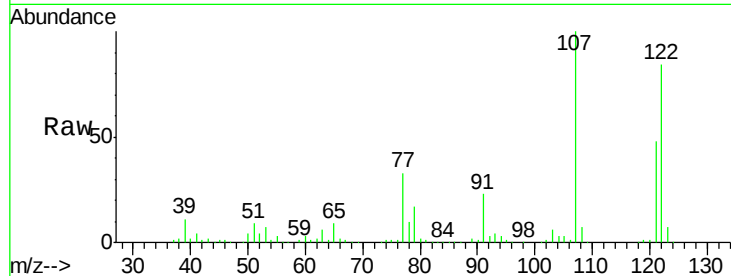




#27
 2,4-Dimethylphenol
 Concen: 44.34 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

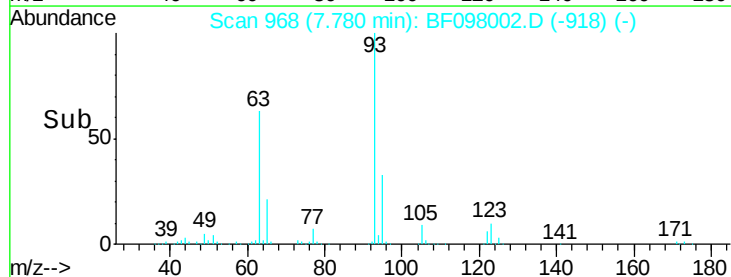
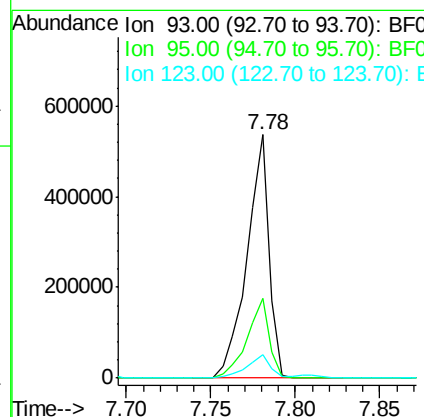
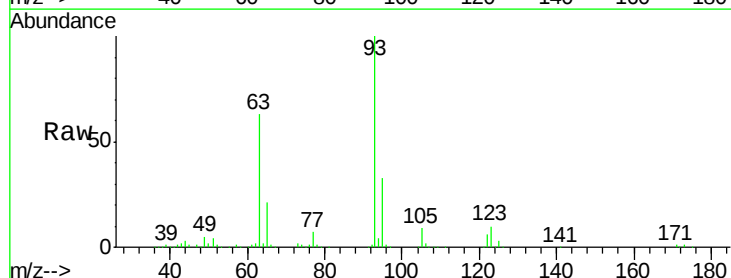
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

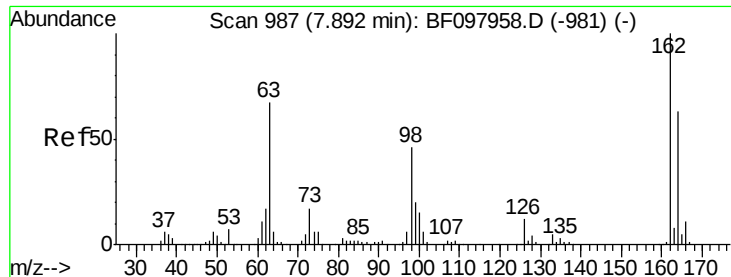
Tot Ion:122 Resp: 315925
 Ion Ratio Lower Upper
 122 100
 107 119.4 89.2 133.8
 121 57.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.72 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion: 93 Resp: 491036
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.6 9.0 13.4

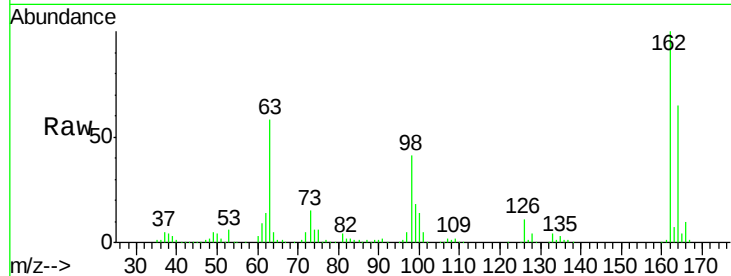




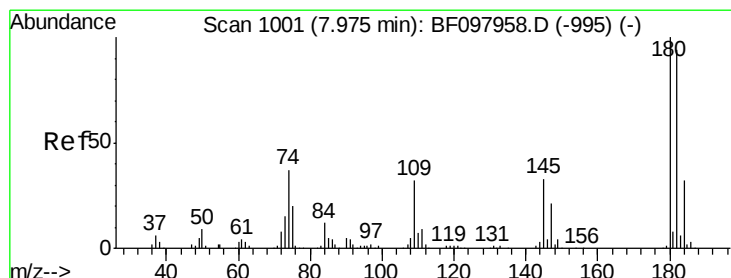
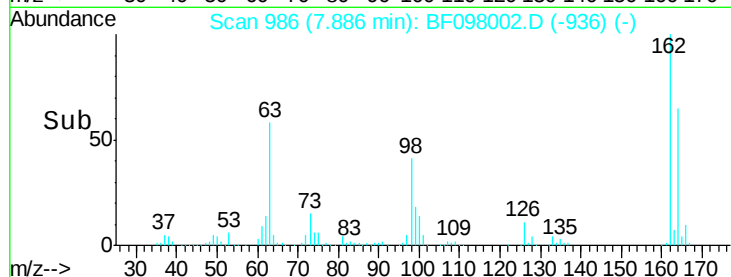
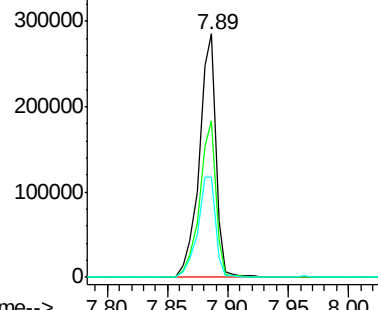
#29
 2,4-Dichlorophenol
 Concen: 46.26 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	41.0	14.8	54.8

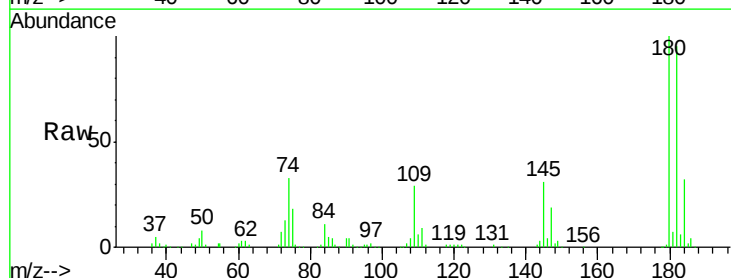


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

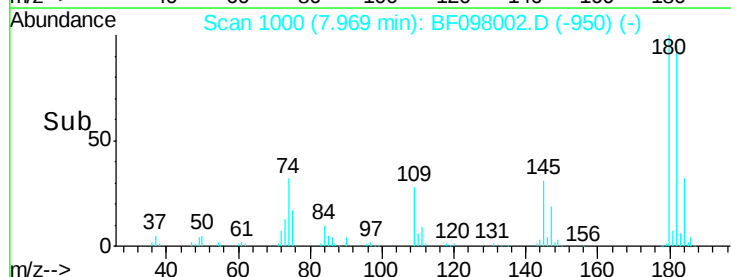
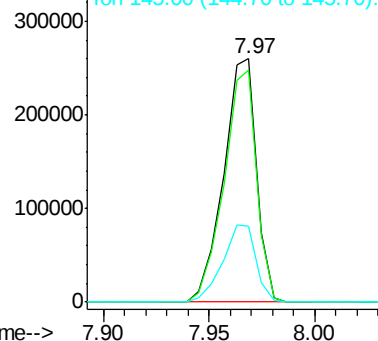


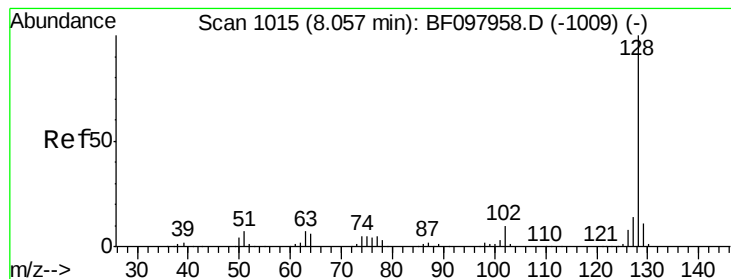
#30
 1,2,4-Trichlorobenzene
 Concen: 42.96 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	31.1	25.3	37.9



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





#31

Naphthalene

Concen: 42.39 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampled :

PB101787BS

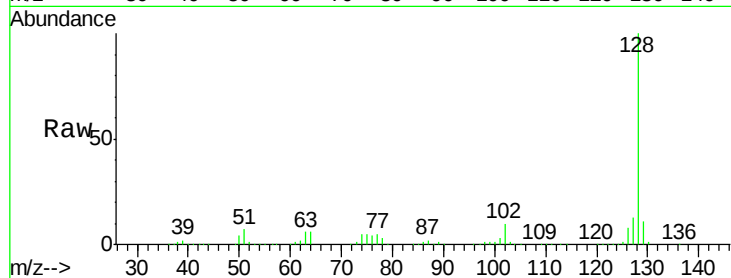
Tot Ion:128 Resp: 982106

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

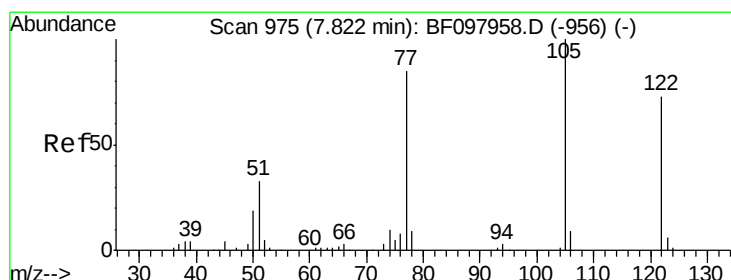
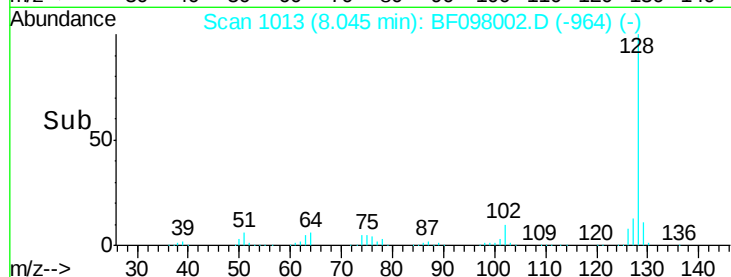
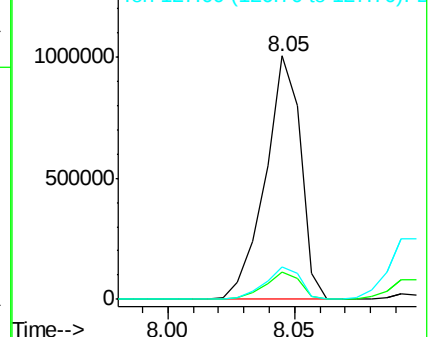
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.22 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

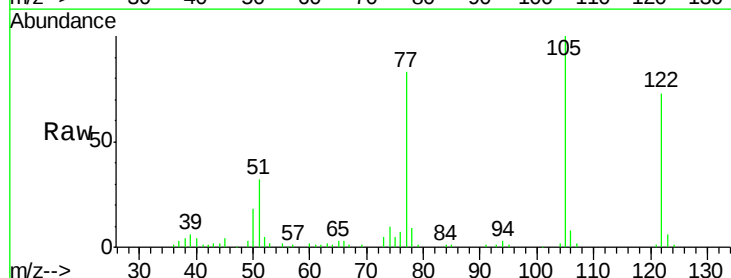
Tgt Ion:122 Resp: 190596

Ion Ratio Lower Upper

122 100

105 136.8 103.3 143.3

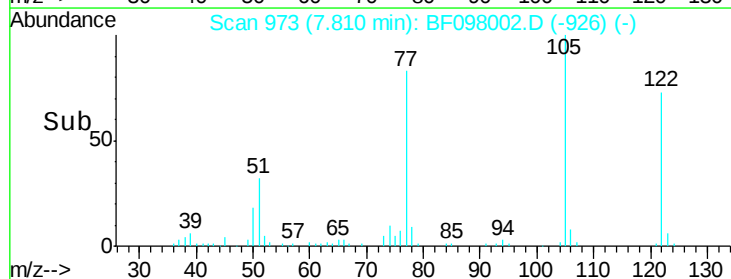
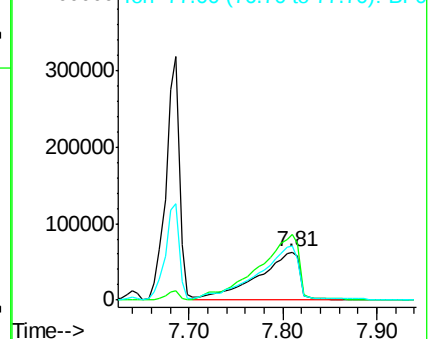
77 113.5 73.7 113.7

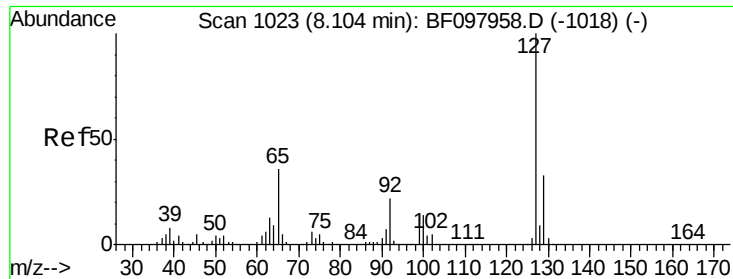


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

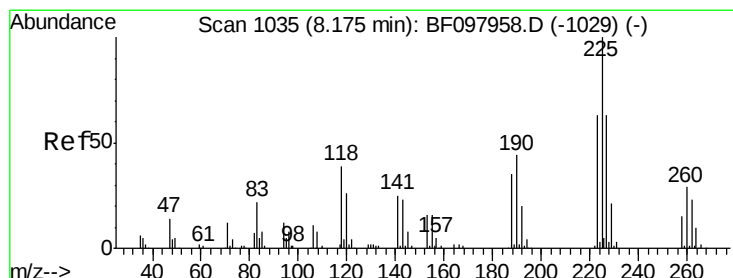
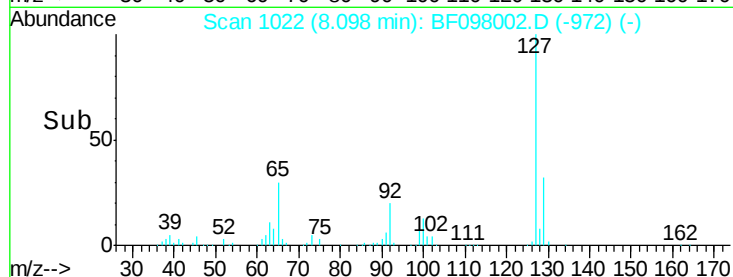
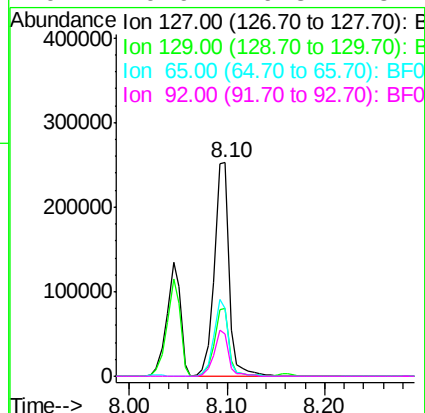
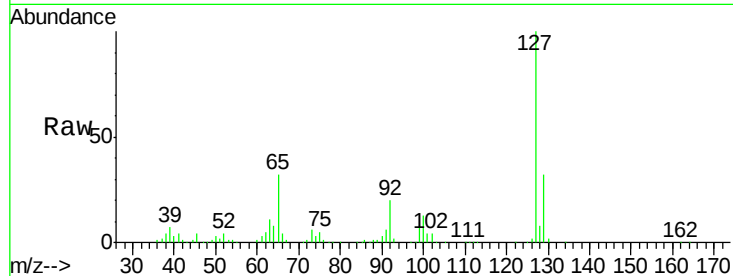




#33
4-Chloroaniline
Concen: 27.42 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

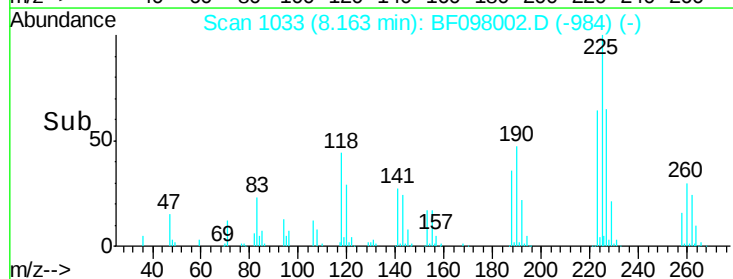
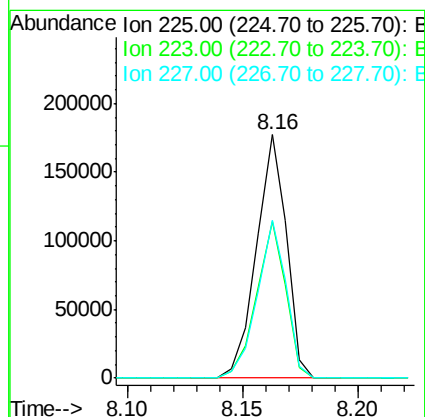
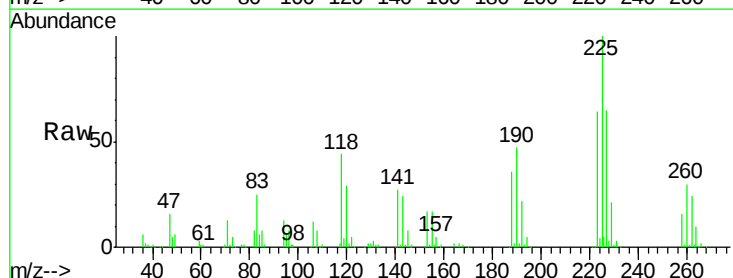
Instrument :
BNA_F
ClientSampleId :
PB101787BS

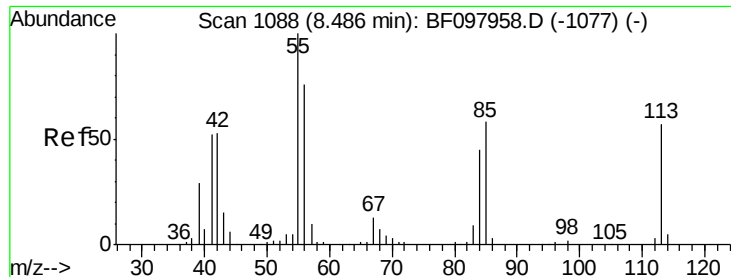
Tot Ion:	127	Resp:	267973
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	31.5	27.8	41.8
92	19.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:	225	Resp:	161072
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.8	73.2
227	65.0	51.1	76.7

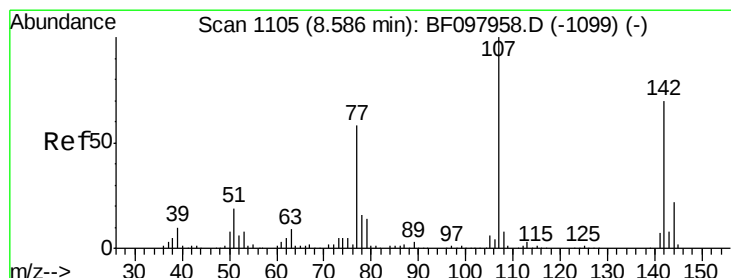
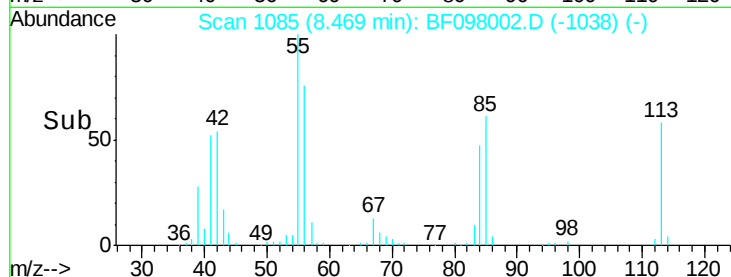
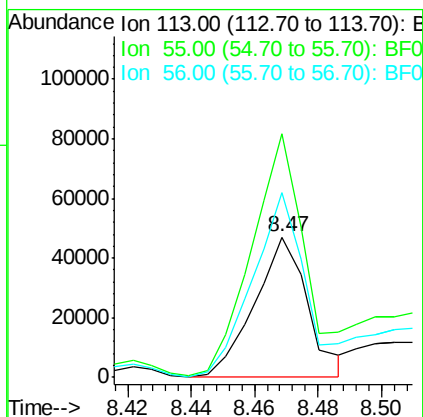
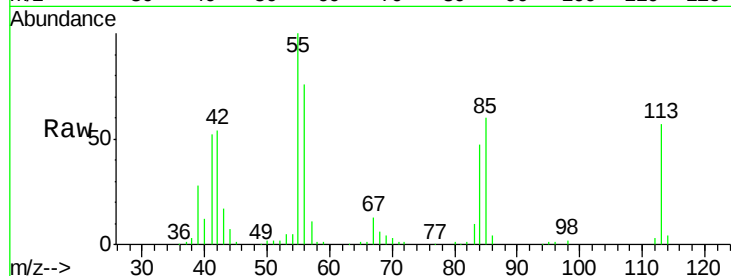




#35
 Caprolactam
 Concen: 27.33 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

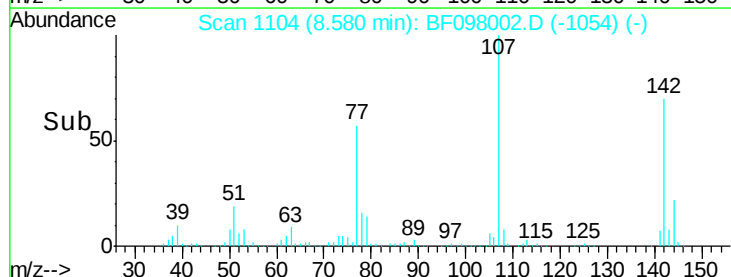
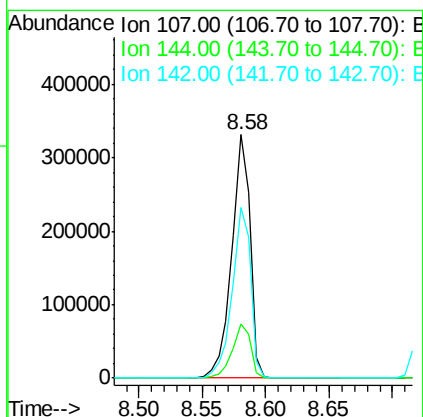
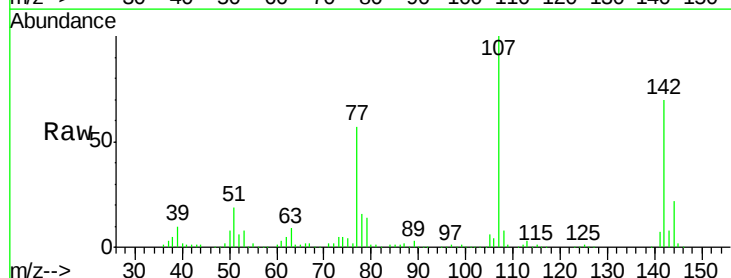
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

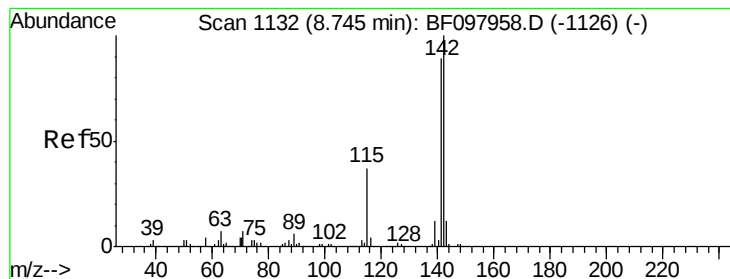
Tot Ion:113 Resp: 54944
 Ion Ratio Lower Upper
 113 100
 55 174.0 150.2 190.2
 56 132.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.42 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion:107 Resp: 329930
 Ion Ratio Lower Upper
 107 100
 144 22.1 24.2 36.4#
 142 69.9 73.4 110.0#

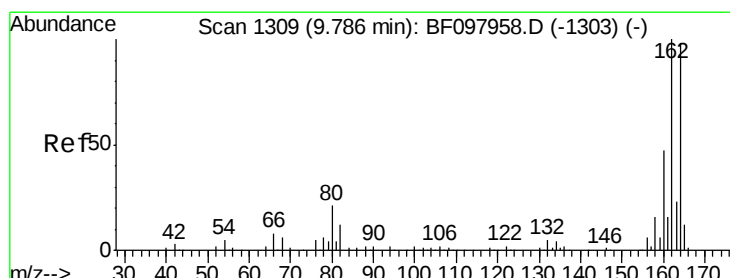
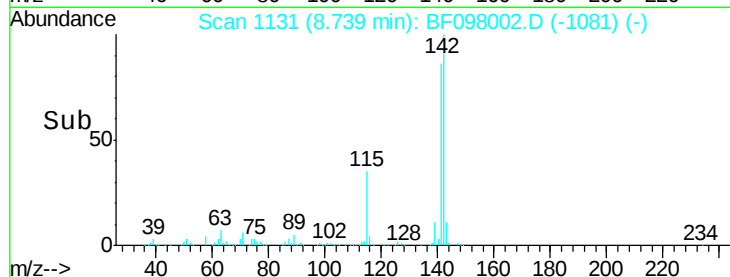
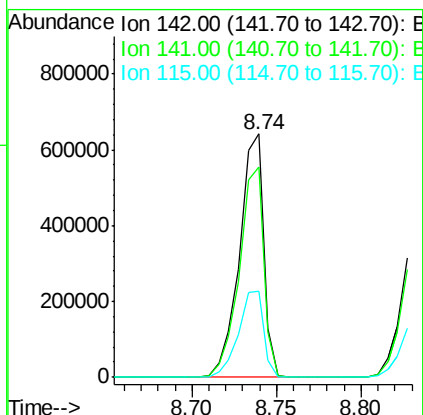
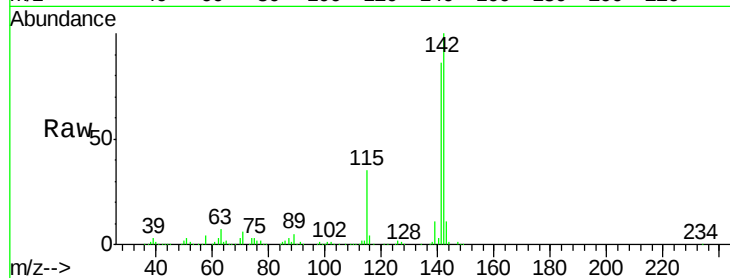




#37
 2-Methylnaphthalene
 Concen: 45.32 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

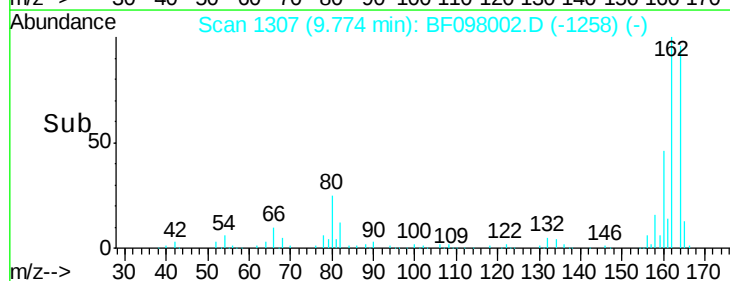
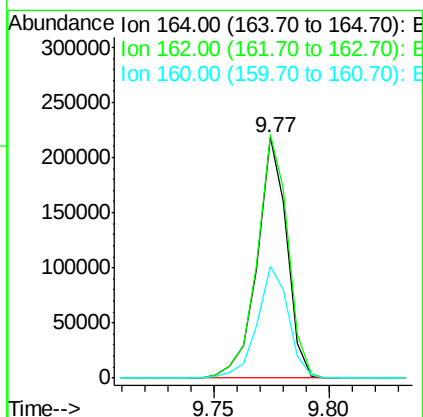
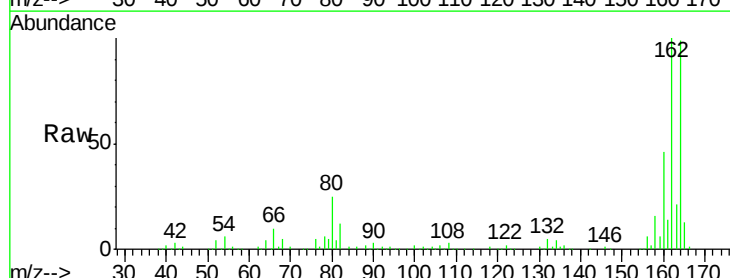
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

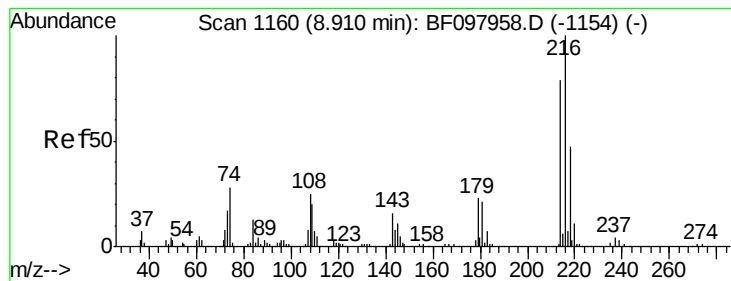
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.3	106.9
115	35.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	46.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.07 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

Tot Ion:216 Resp: 252045

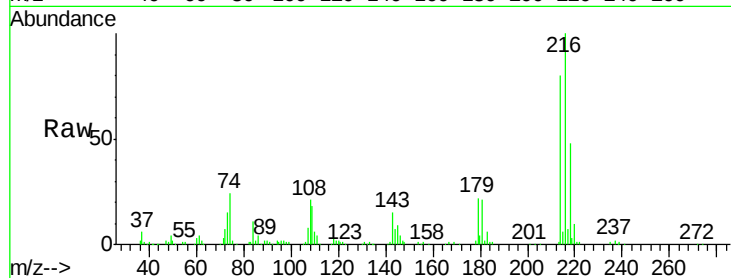
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 22.0 17.9 26.9

108 27.4 16.5 24.7#

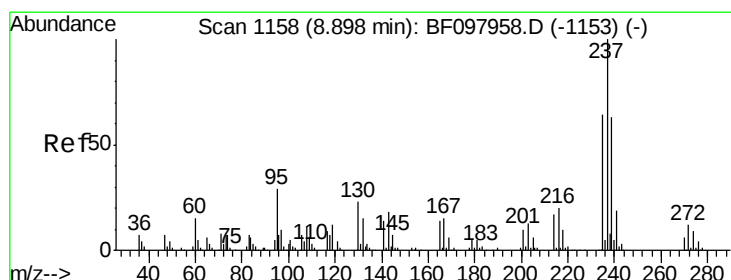
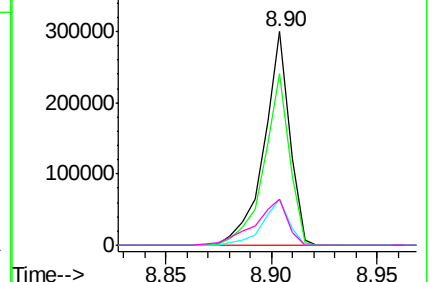
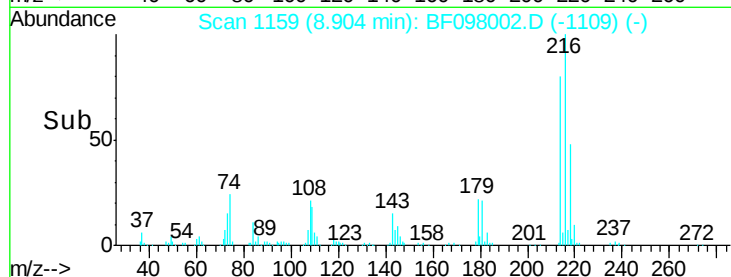


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 111.91 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

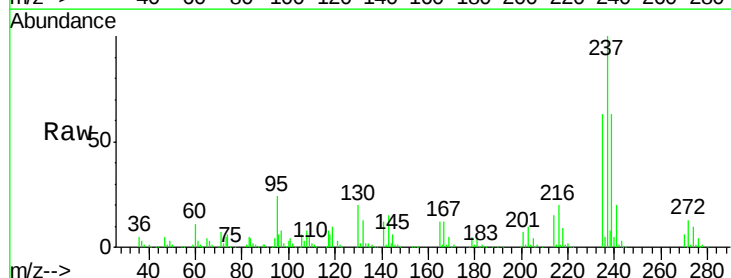
Tgt Ion:237 Resp: 322084

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

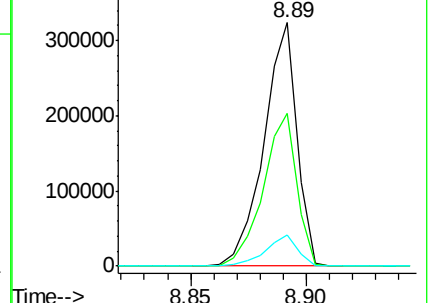
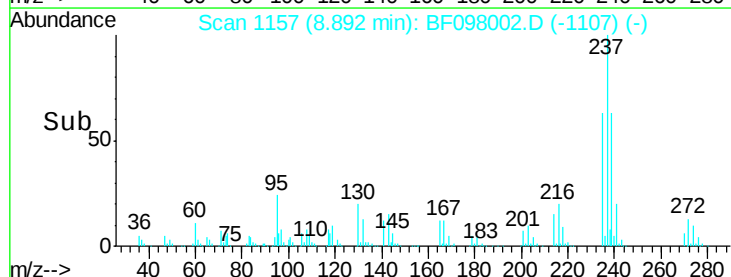
272 12.6 0.0 31.9

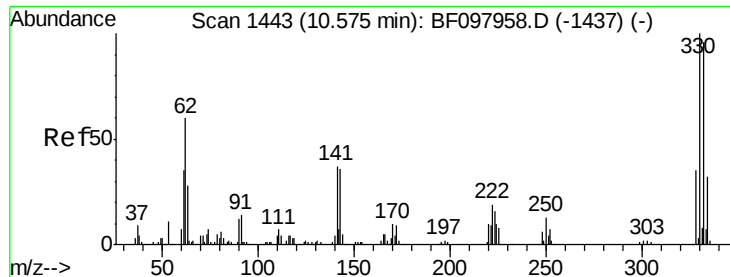


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

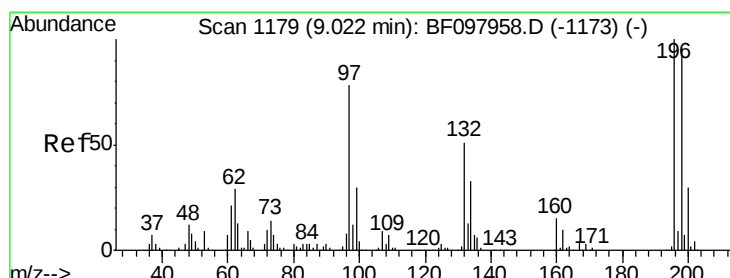
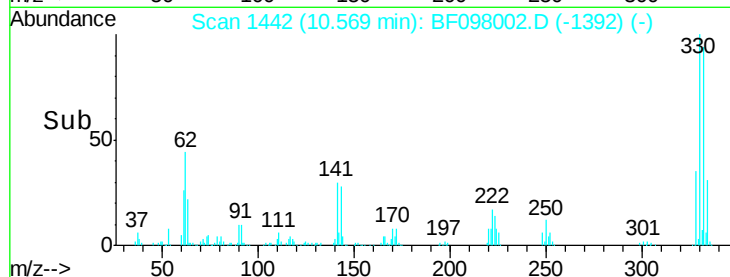
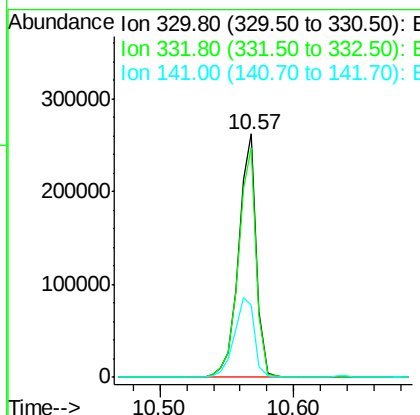
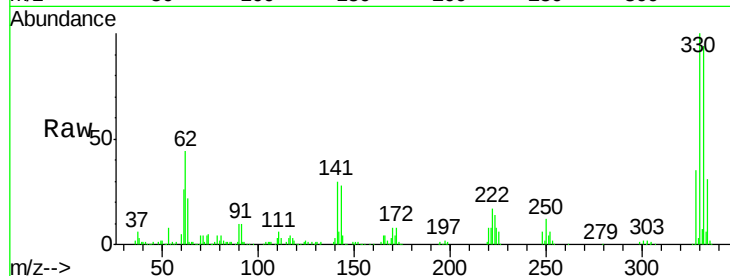




#41
 2,4,6-Tribromophenol
 Concen: 143.31 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

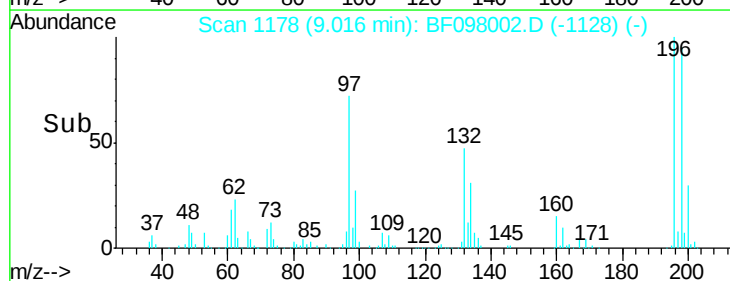
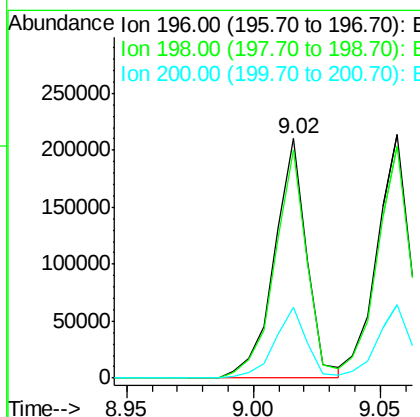
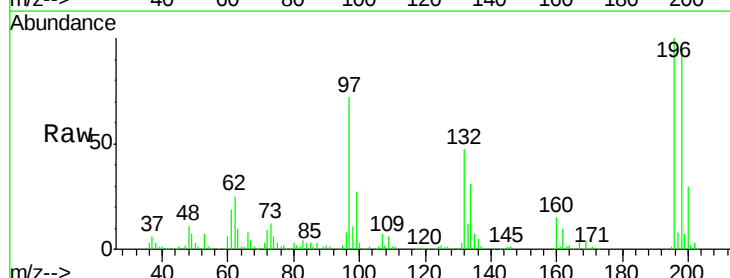
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

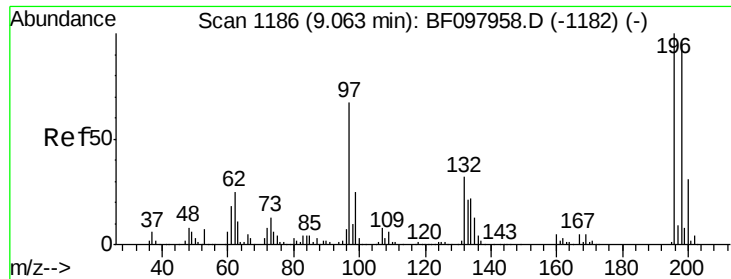
Tot Ion:330 Resp: 242727
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.5 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.88 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion:196 Resp: 188555
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 29.8 24.0 36.0

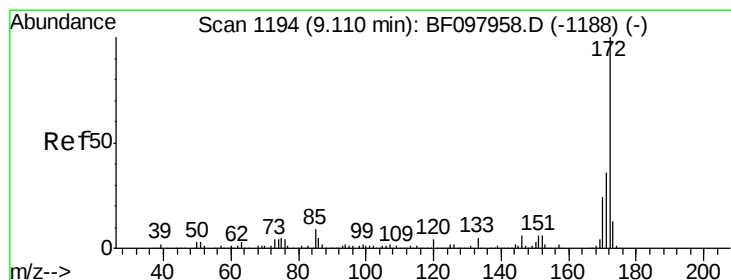
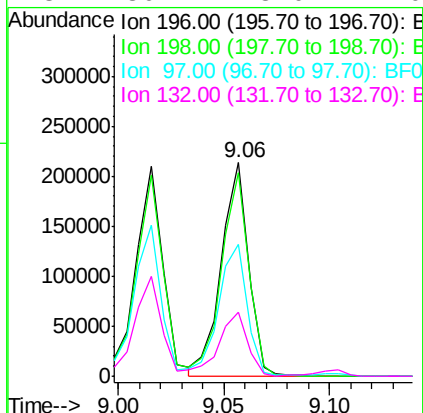
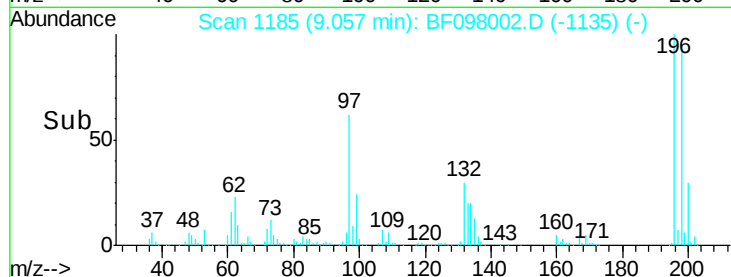
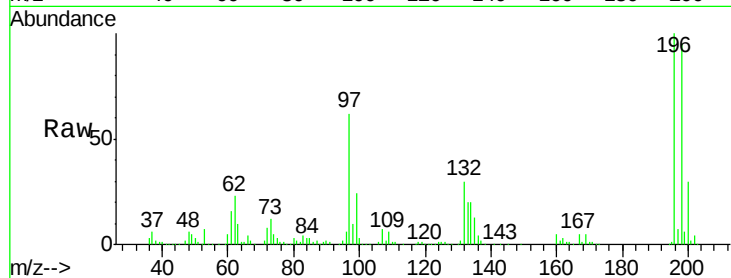




#43
 2,4,5-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

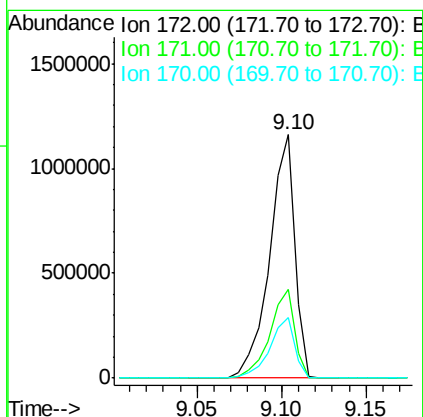
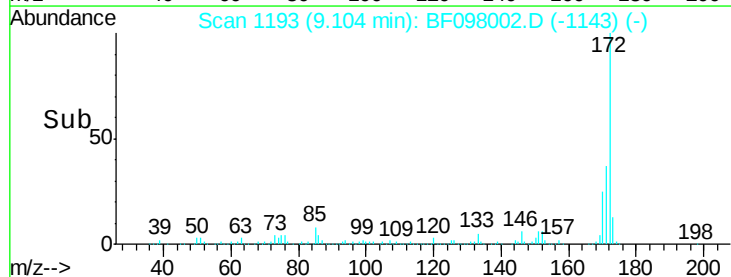
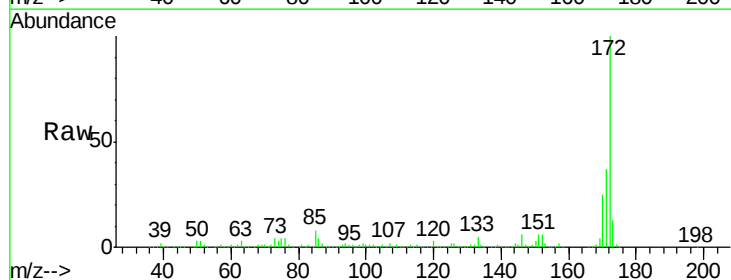
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

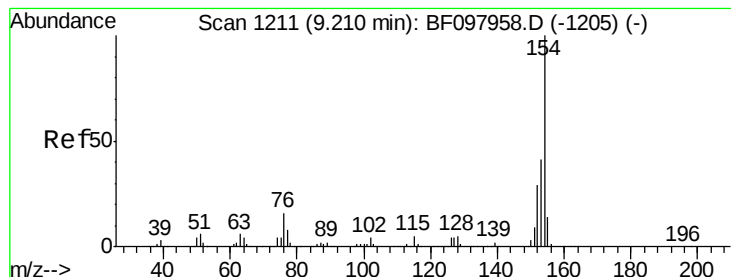
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	62.0	47.7	71.5
132	30.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.84 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

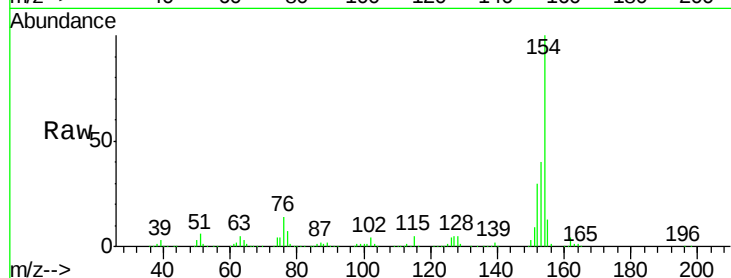
Tot Ion:154 Resp: 744719

Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

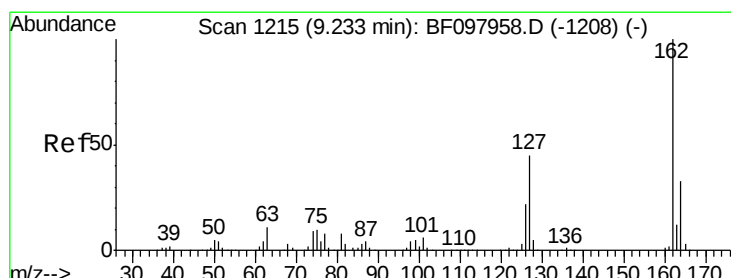
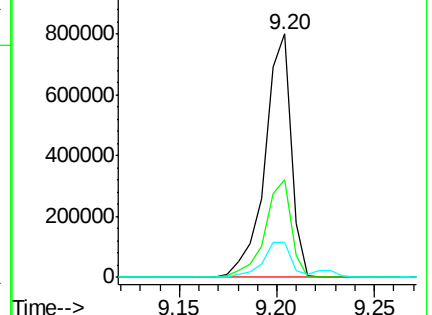
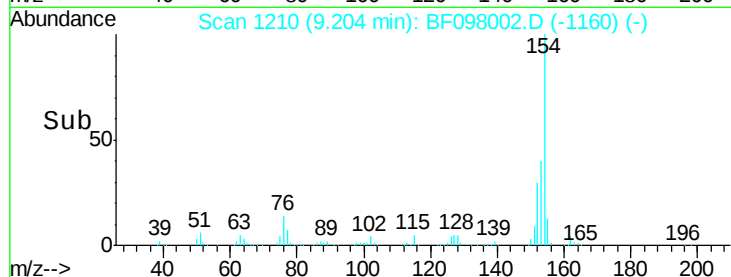
76 14.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.04 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

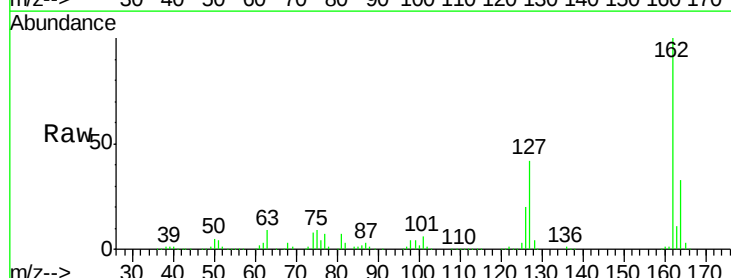
Tgt Ion:162 Resp: 552900

Ion Ratio Lower Upper

162 100

127 42.0 28.3 42.5

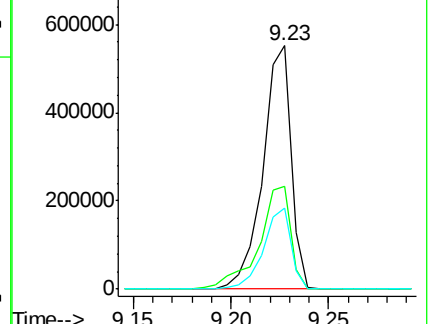
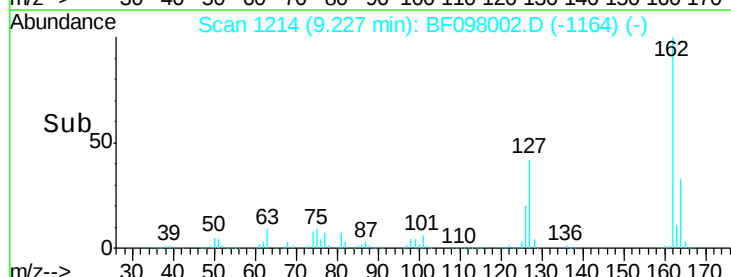
164 33.4 27.0 40.4

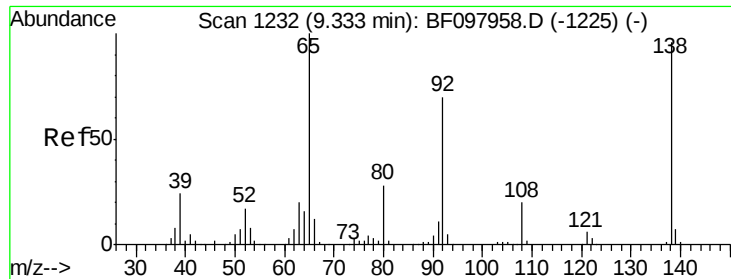


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

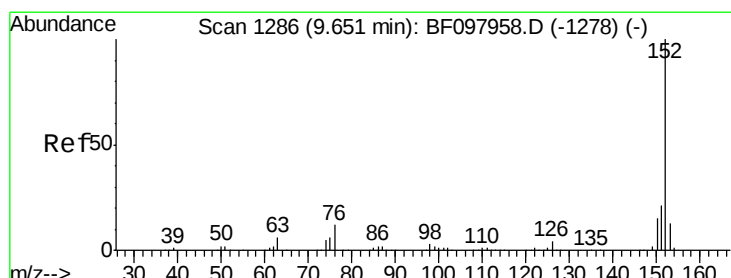
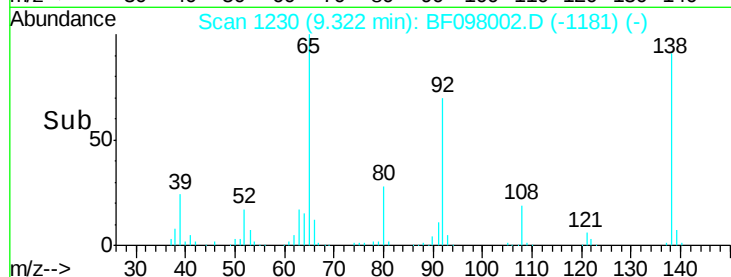
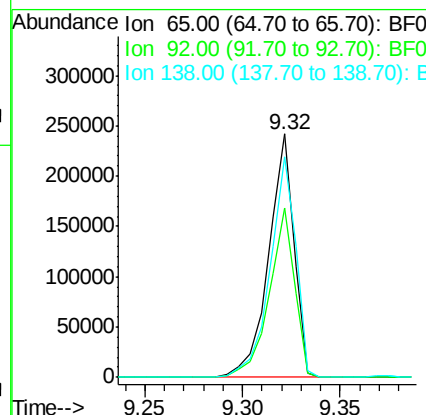
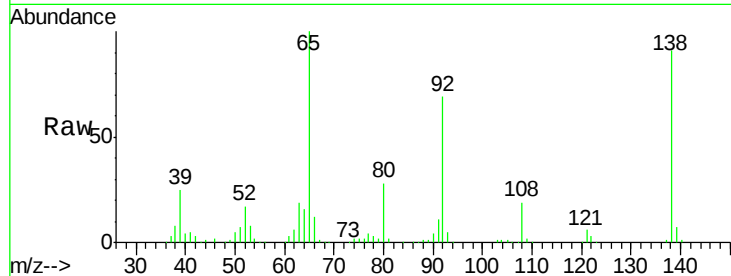




#47
 2-Nitroaniline
 Concen: 49.45 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

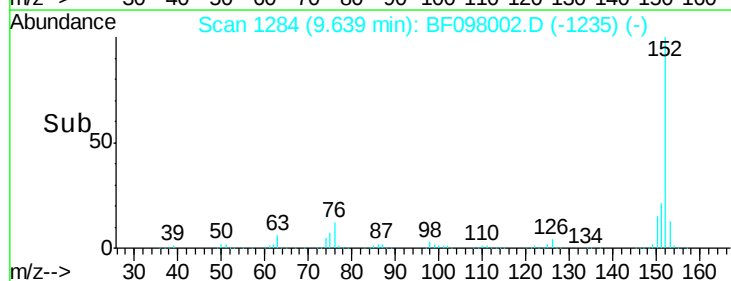
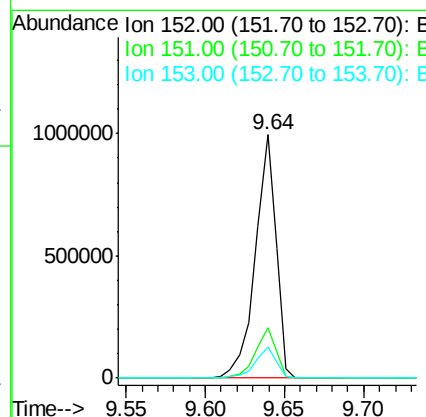
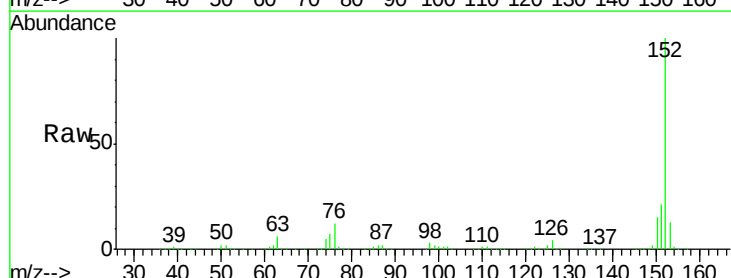
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

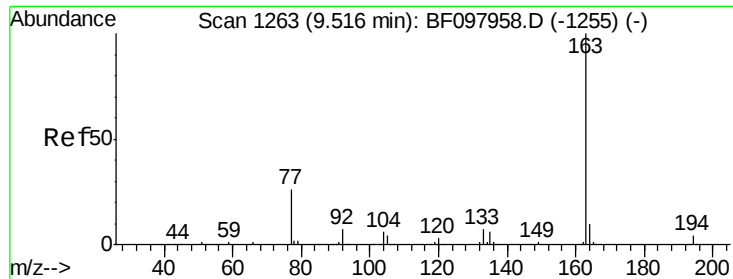
Tot Ion: 65 Resp: 218032
 Ion Ratio Lower Upper
 65 100
 92 69.3 53.9 80.9
 138 90.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 43.61 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion: 152 Resp: 900662
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.0 10.8 16.2

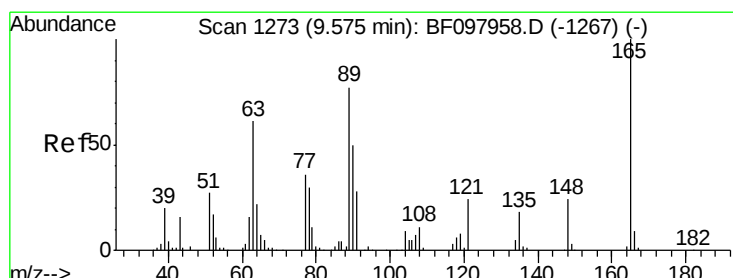
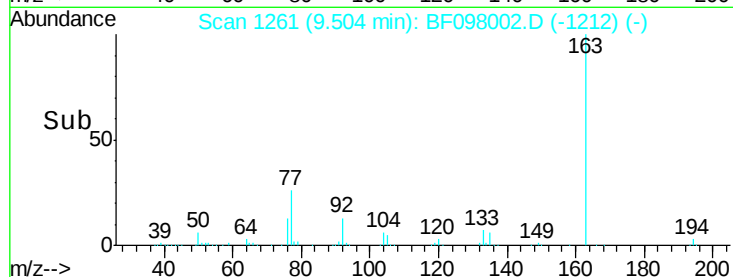
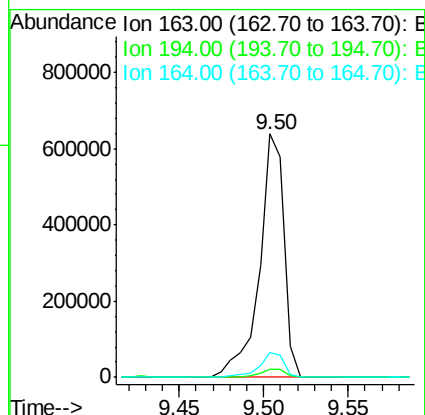
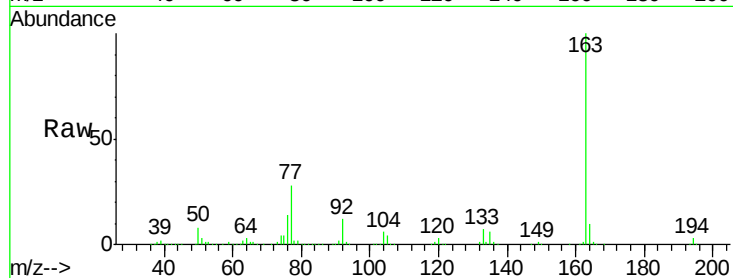




#49
Dimethylphthalate
Concen: 45.23 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

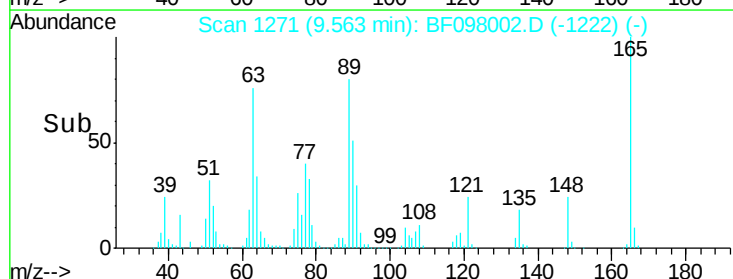
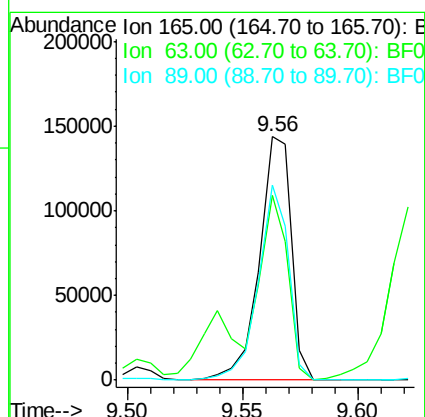
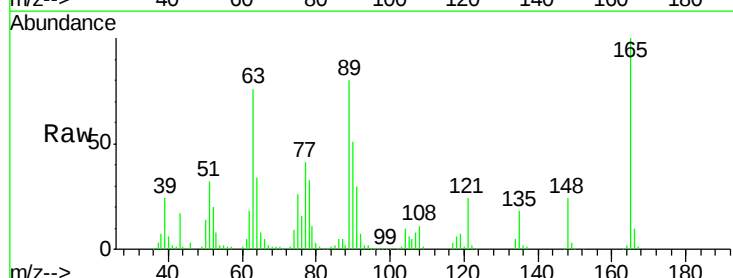
Instrument :
BNA_F
ClientSampleId :
PB101787BS

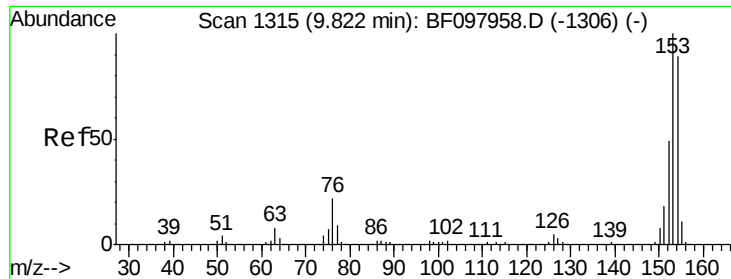
Tot Ion:163 Resp: 645438
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.95 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:165 Resp: 139411
Ion Ratio Lower Upper
165 100
63 75.8 34.3 51.5#
89 80.0 37.1 55.7#





#51

Acenaphthene

Concen: 41.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

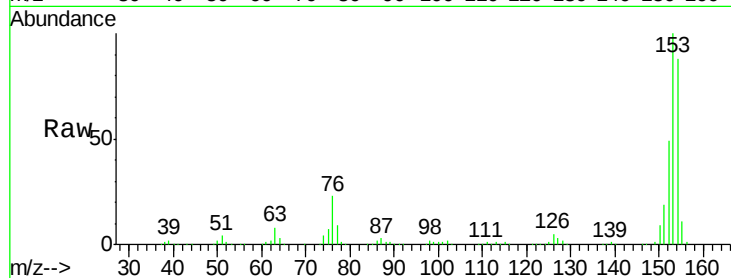
Tot Ion:154 Resp: 534134

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

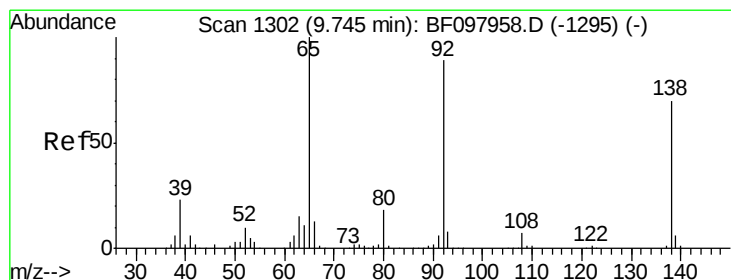
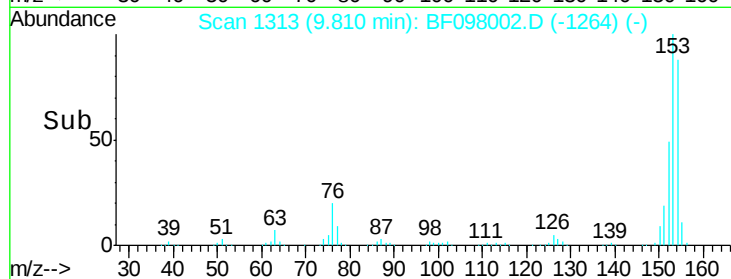
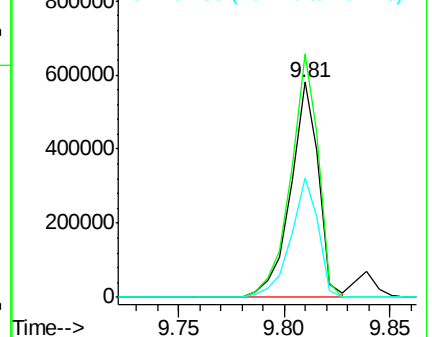
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.15 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

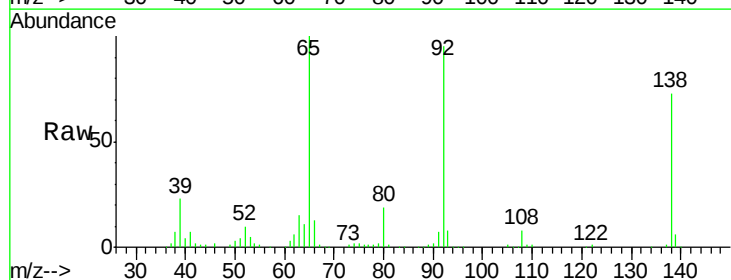
Tgt Ion:138 Resp: 125501

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

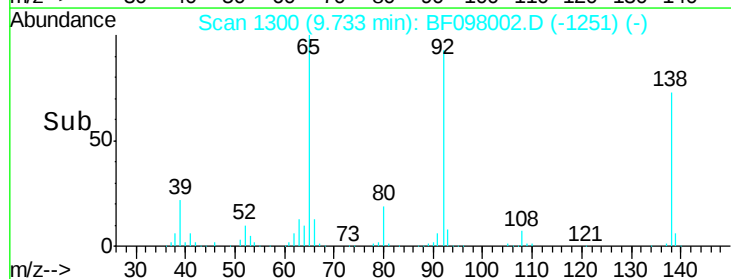
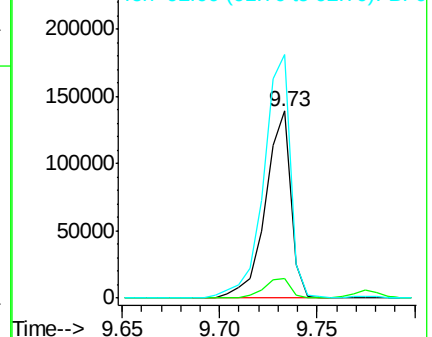
92 130.1 93.8 140.6

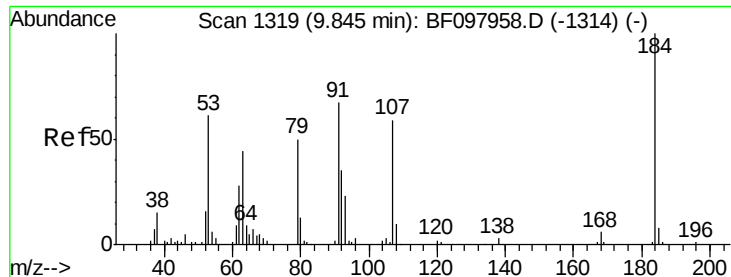


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

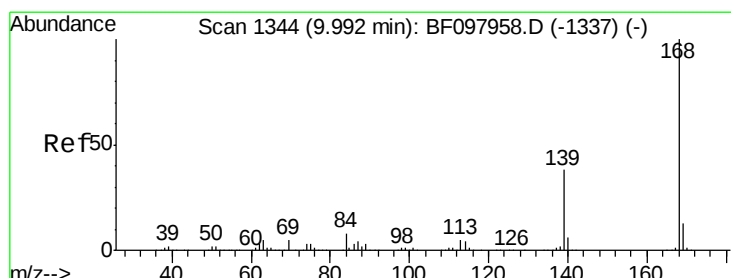
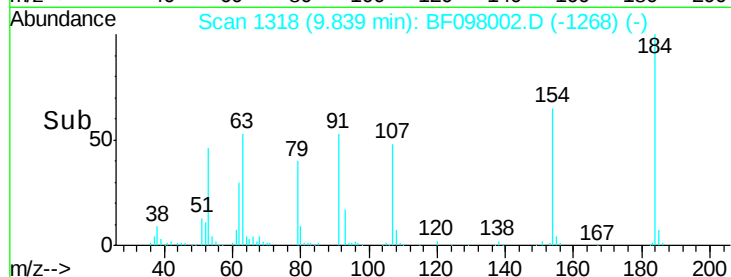
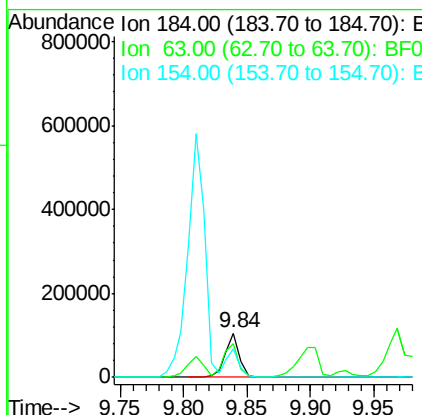
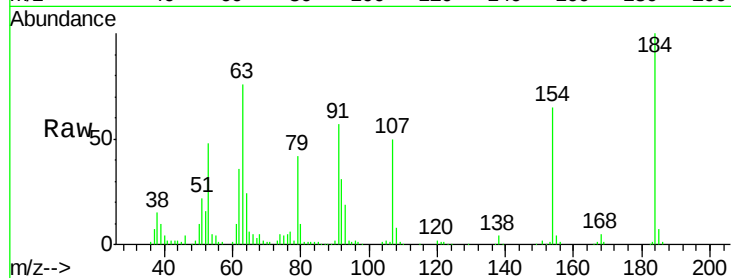




#53
2,4-Dinitrophenol
Concen: 63.54 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

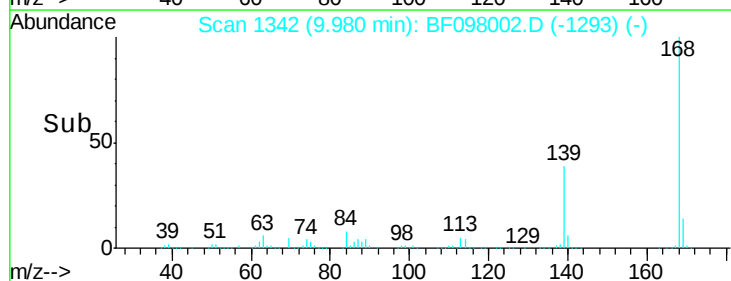
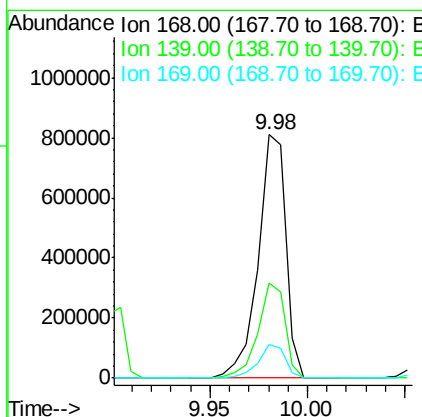
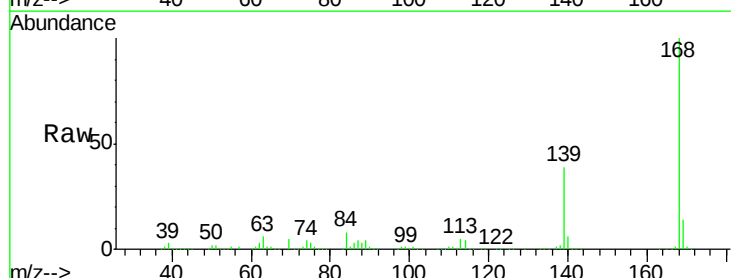
Instrument :
BNA_F
ClientSampleId :
PB101787BS

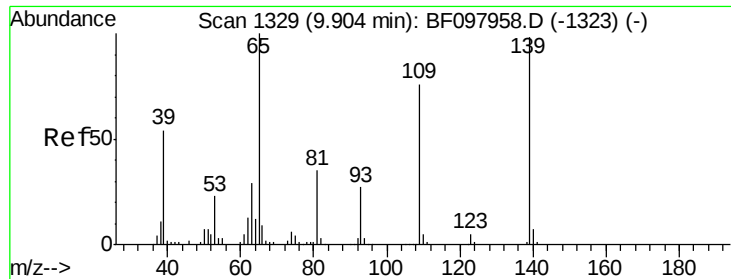
Tot Ion:184 Resp: 82846
Ion Ratio Lower Upper
184 100
63 76.1 62.7 94.1
154 65.2 81.1 121.7#



#54
Dibenzofuran
Concen: 45.74 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:168 Resp: 798476
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8
169 13.8 10.8 16.2

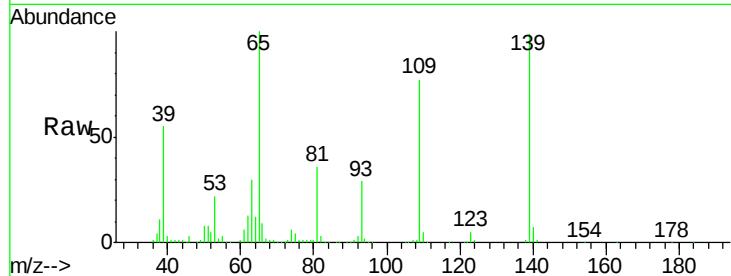




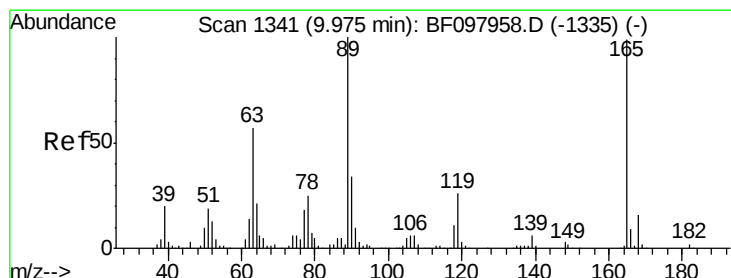
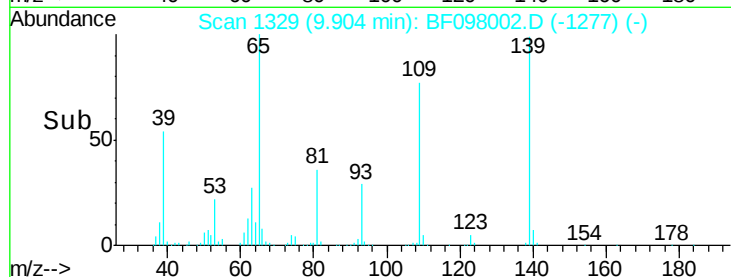
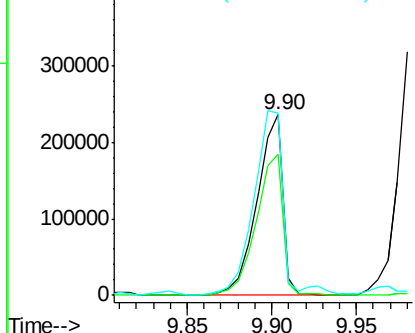
#55
4-Nitrophenol
Concen: 85.90 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101787BS

Tot Ion:139 Resp: 251795
Ion Ratio Lower Upper
139 100
109 78.0 34.1 74.1#
65 101.0 31.4 71.4#

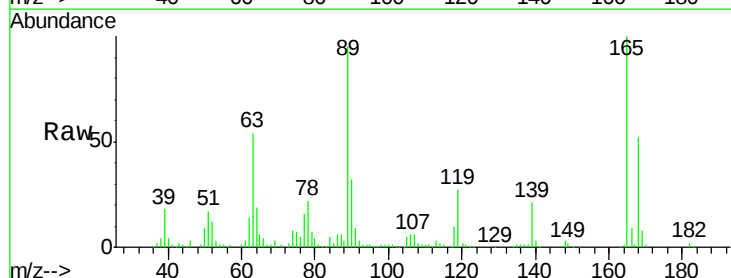


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

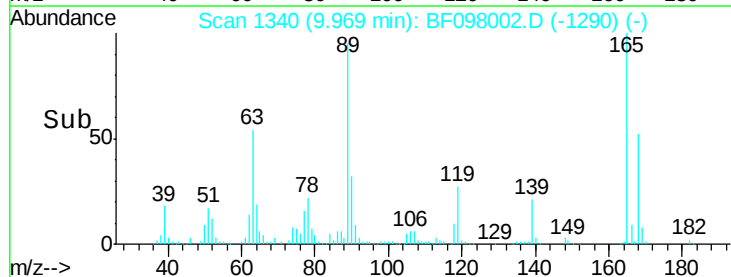
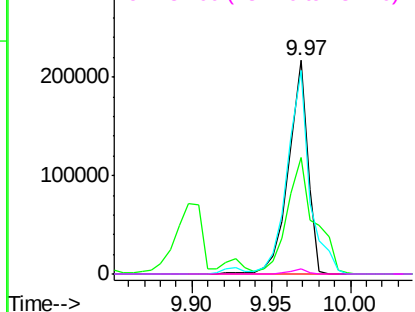


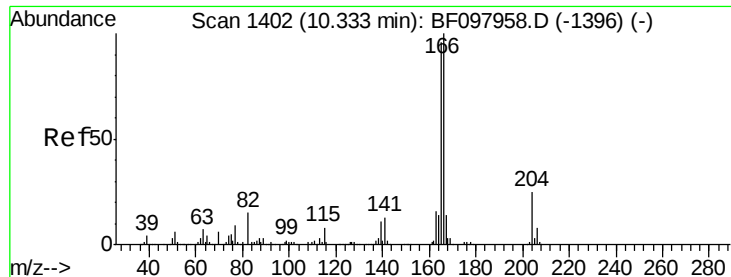
#56
2,4-Dinitrotoluene
Concen: 51.18 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:165 Resp: 182931
Ion Ratio Lower Upper
165 100
63 54.4 25.4 38.0#
89 95.0 46.4 69.6#
182 2.1 1.8 2.6



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





#57

Fluorene

Concen: 43.23 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

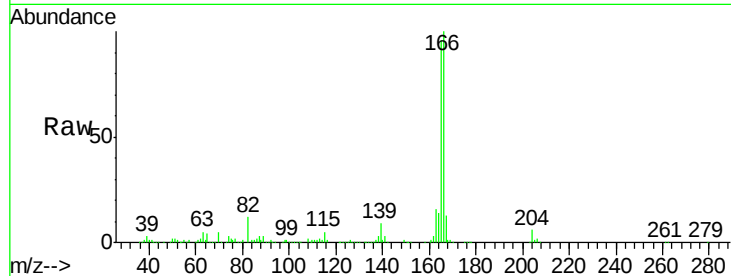
Tot Ion:166 Resp: 583468

Ion Ratio Lower Upper

166 100

165 95.5 78.8 118.2

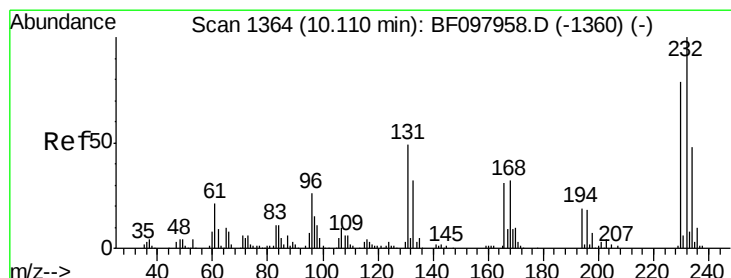
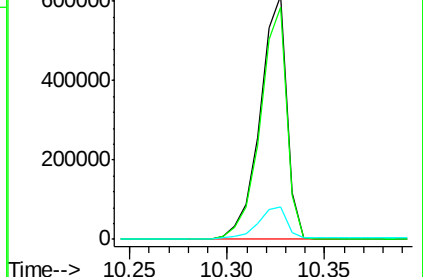
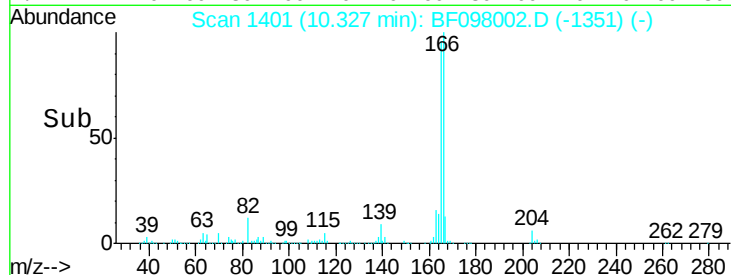
167 13.3 10.6 16.0



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: 51.20 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Tgt Ion:232 Resp: 158156

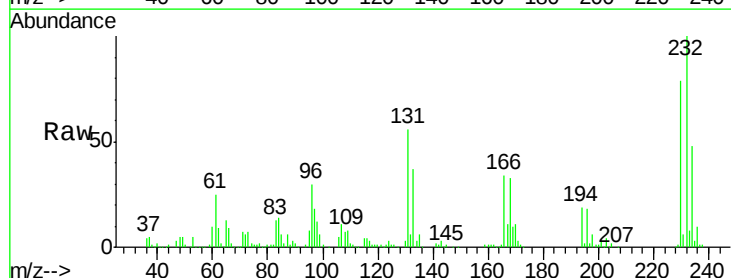
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.7 2.3 3.5

166 32.4 29.0 43.4

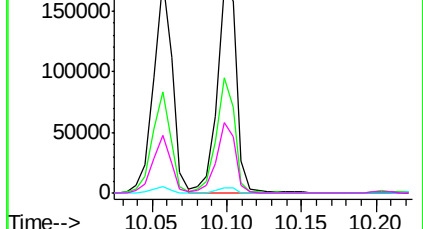
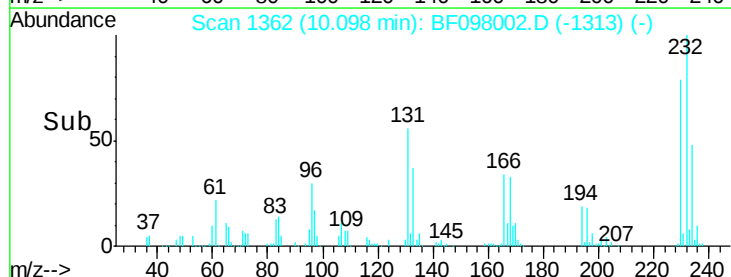


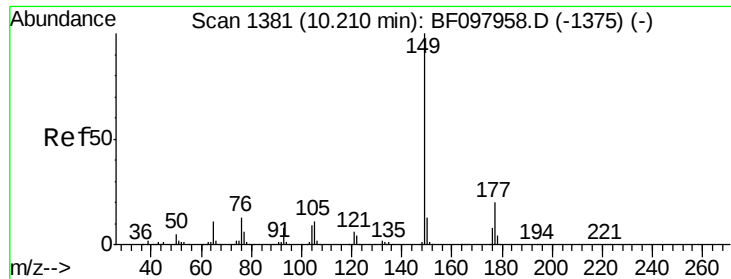
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

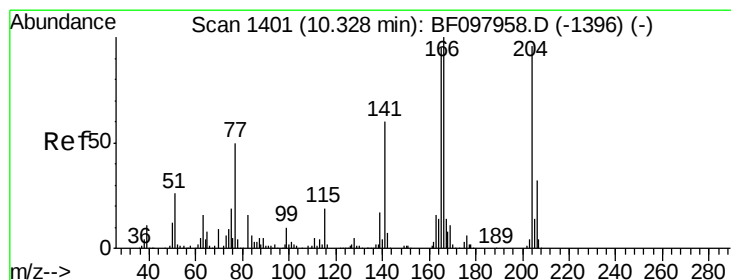
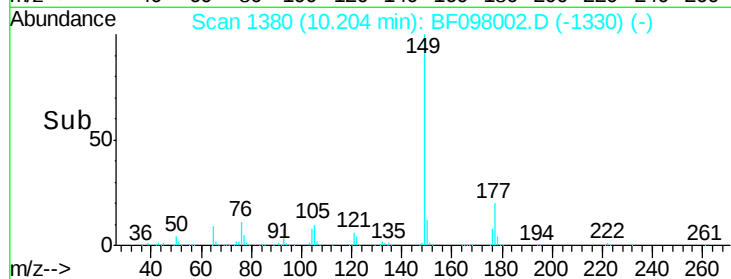
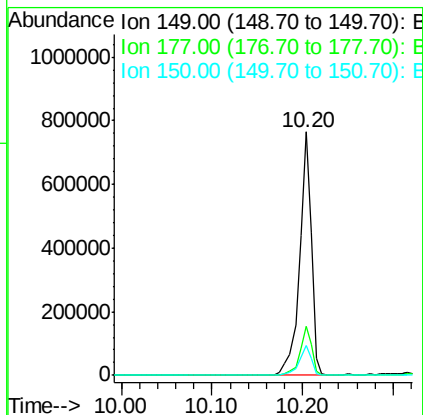
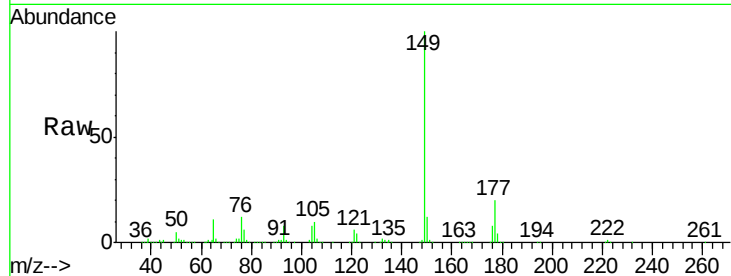




#59
Diethylphthalate
Concen: 47.16 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

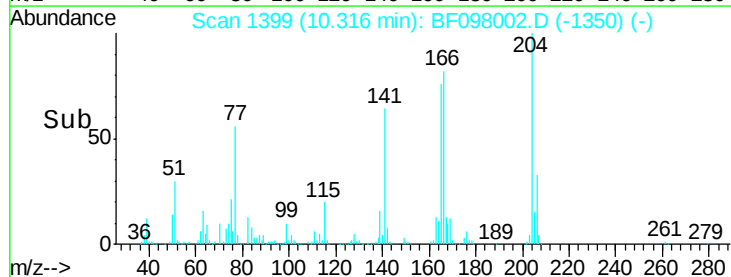
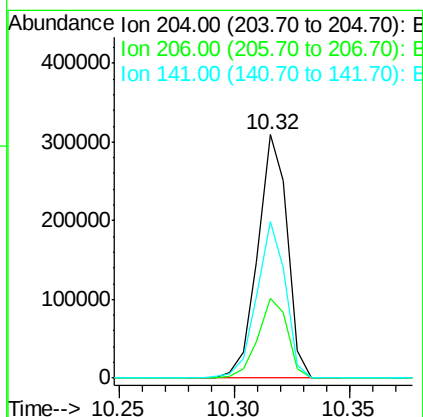
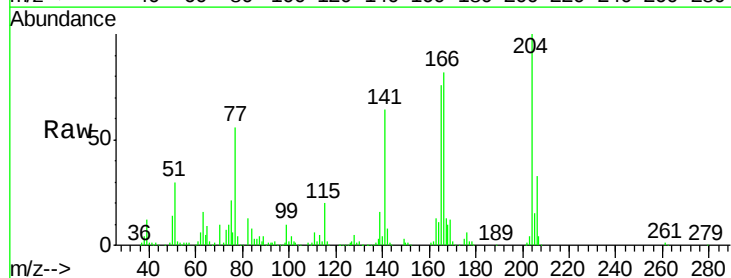
Instrument :
BNA_F
ClientSampleId :
PB101787BS

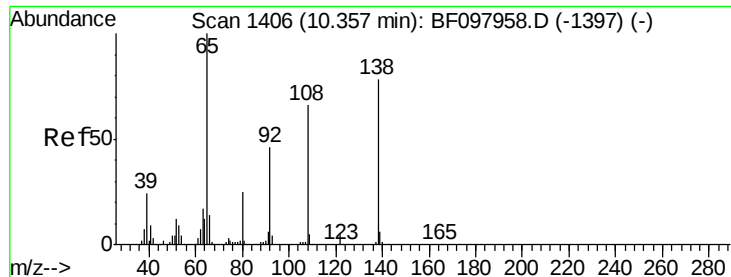
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.7	25.1
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.25 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	64.5	60.8	91.2

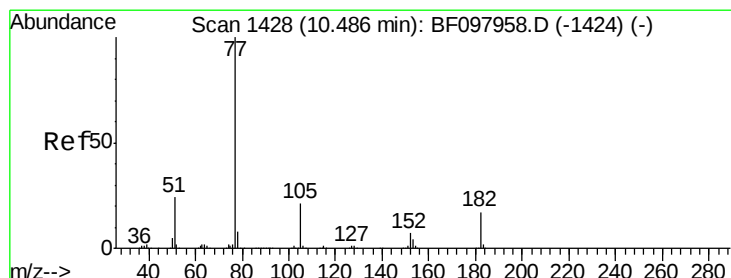
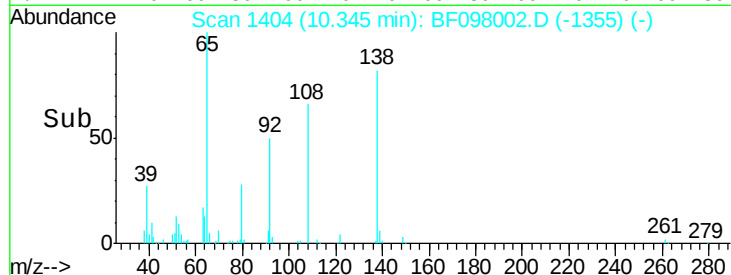
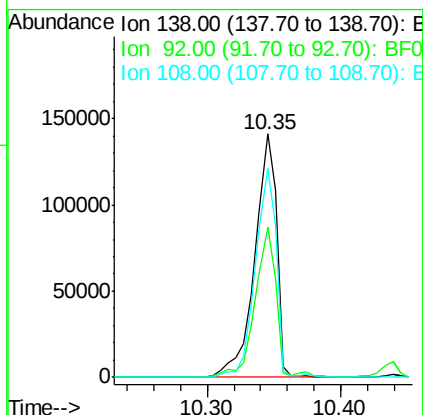
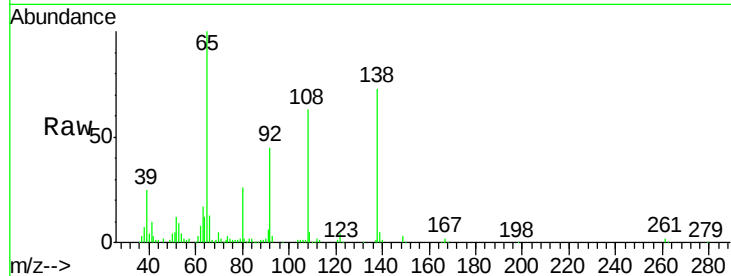




#61
4-Nitroaniline
Concen: 45.12 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

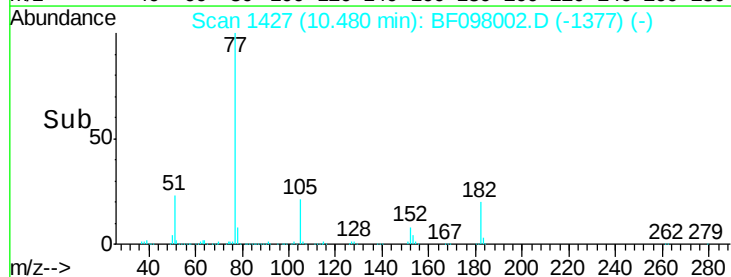
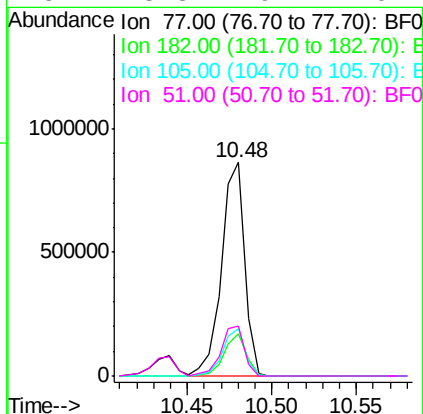
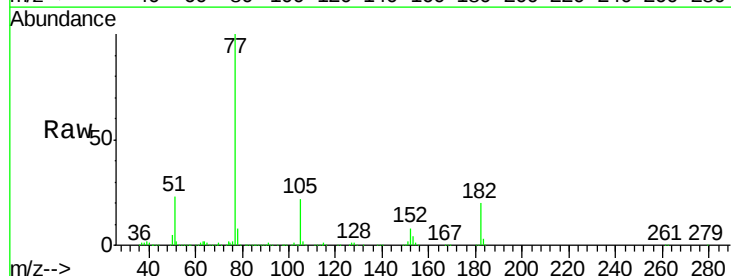
Instrument :
BNA_F
ClientSampleId :
PB101787BS

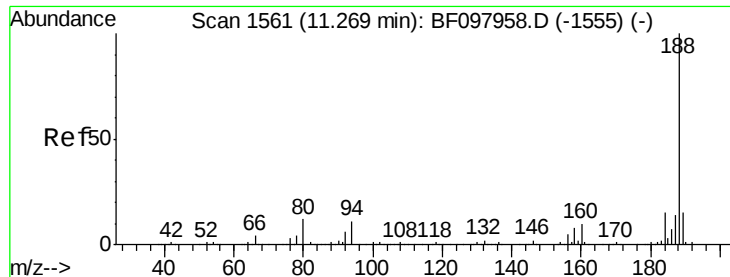
Tot Ion:138 Resp: 157587
Ion Ratio Lower Upper
138 100
92 61.5 21.8 61.8
108 86.1 42.3 82.3#



#62
Azobenzene
Concen: 46.28 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion: 77 Resp: 820229
Ion Ratio Lower Upper
77 100
182 19.9 0.1 40.1
105 22.0 3.6 43.6
51 23.3 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

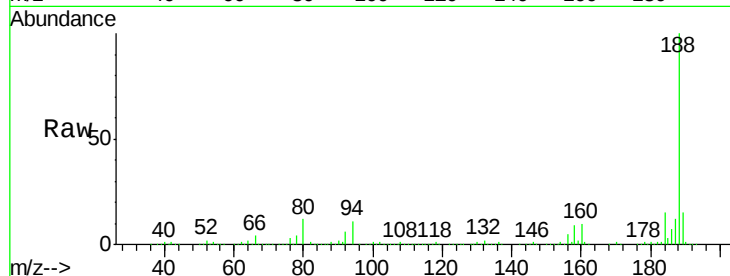
Tot Ion:188 Resp: 371370

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

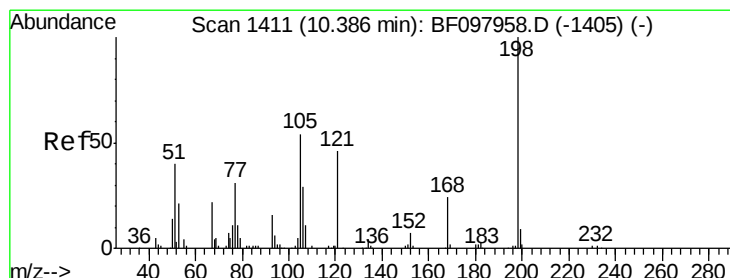
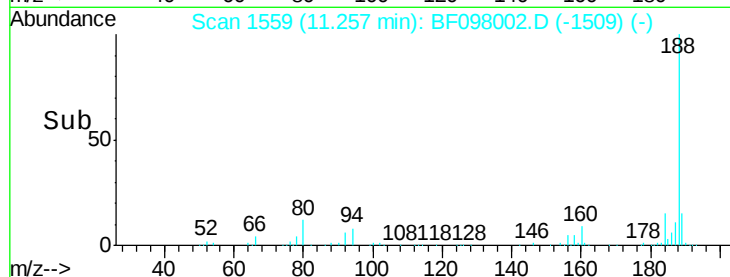
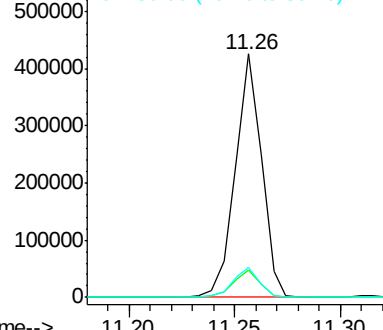
80 12.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.79 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

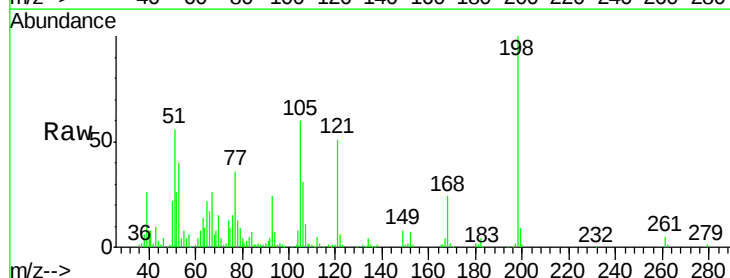
Tgt Ion:198 Resp: 68727

Ion Ratio Lower Upper

198 100

51 55.6 53.2 93.2

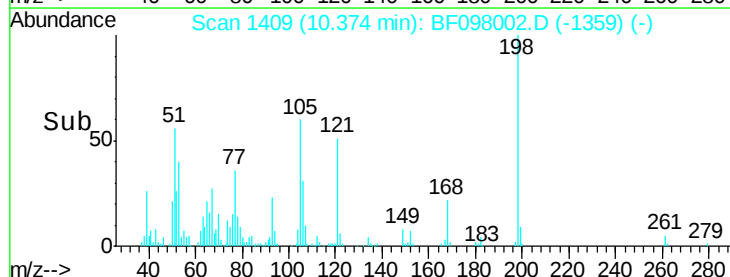
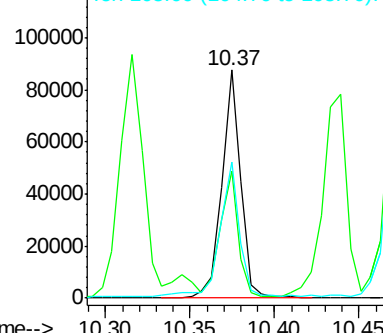
105 59.6 45.8 85.8

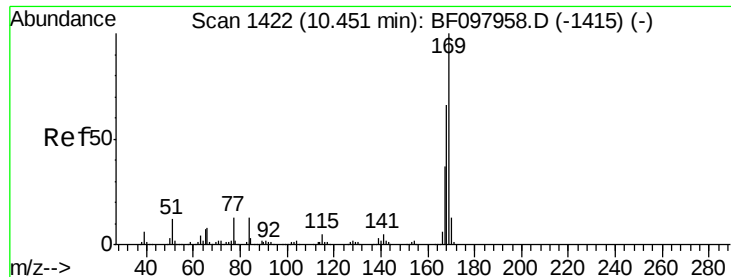


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

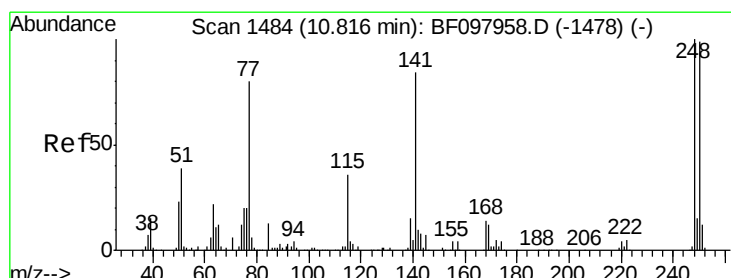
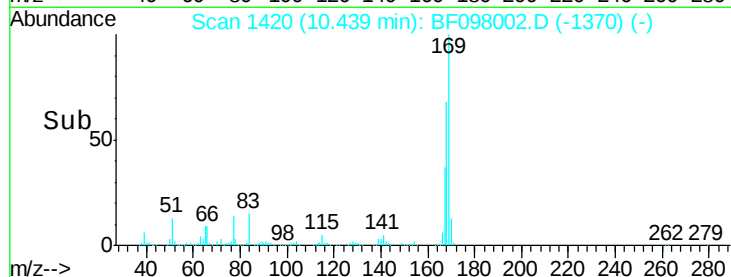
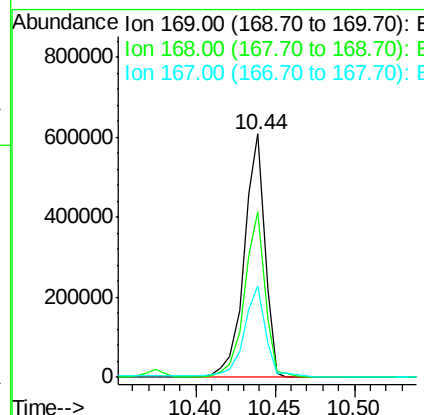
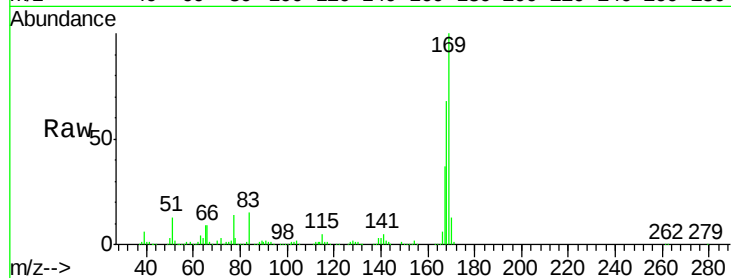




#65
n-Nitrosodiphenylamine
Concen: 43.20 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

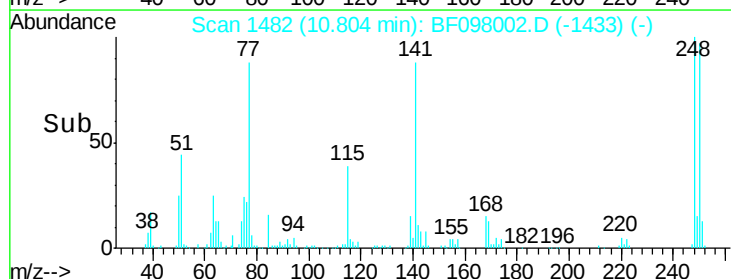
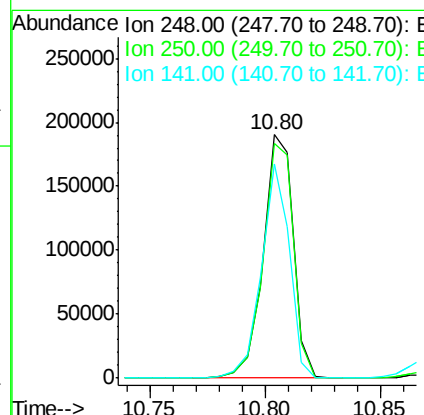
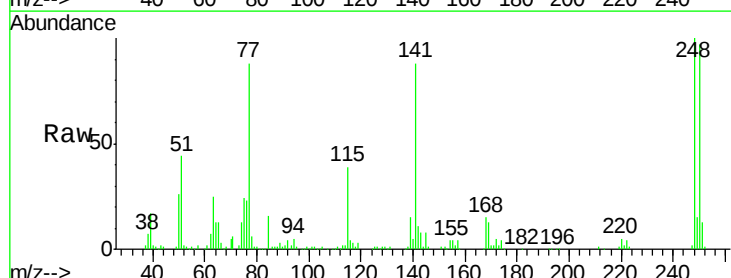
Instrument :
BNA_F
ClientSampleId :
PB101787BS

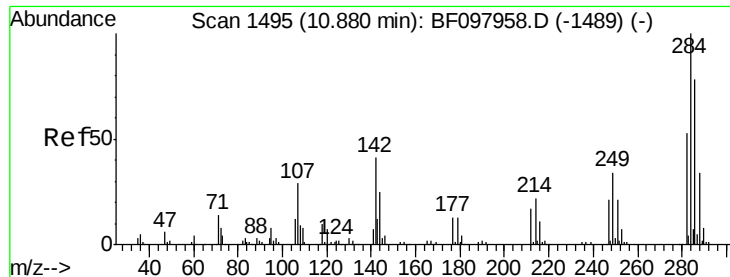
Tot Ion:169 Resp: 546340
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 37.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.93 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:248 Resp: 173285
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 88.1 68.6 103.0

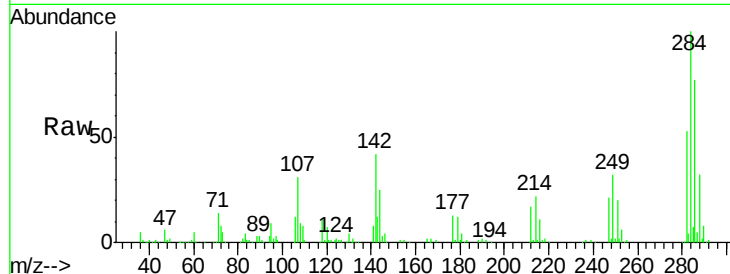




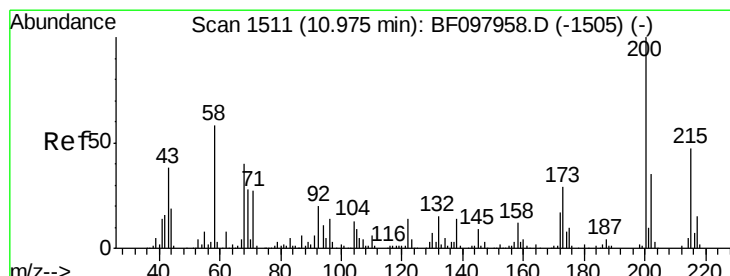
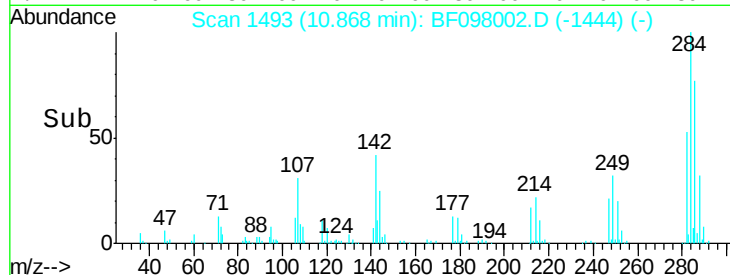
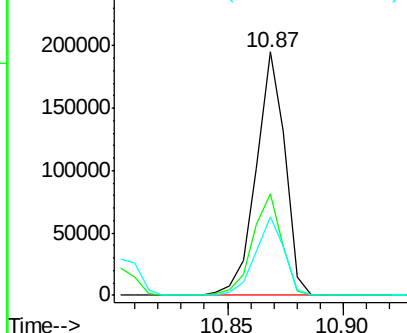
#67
Hexachlorobenzene
Concen: 43.14 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101787BS

Tot Ion:284 Resp: 169565
Ion Ratio Lower Upper
284 100
142 41.9 22.8 34.2#
249 32.5 24.0 36.0

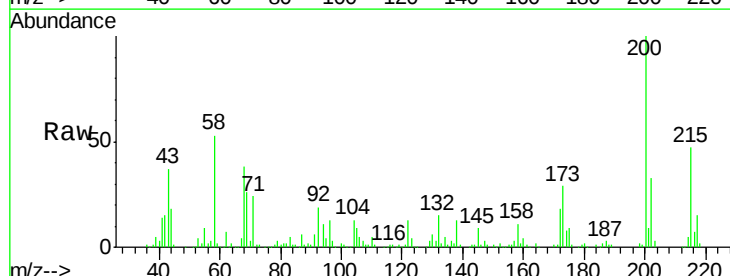


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

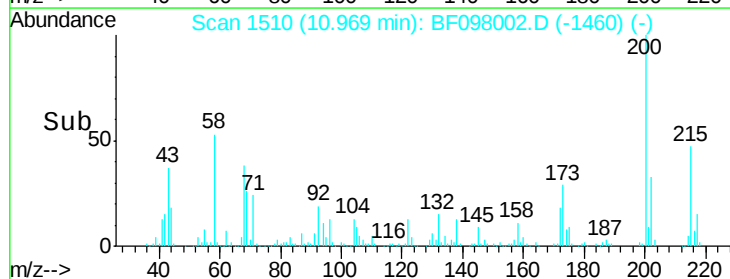
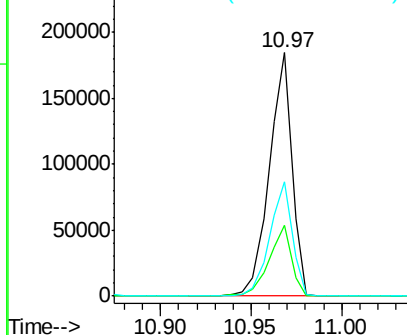


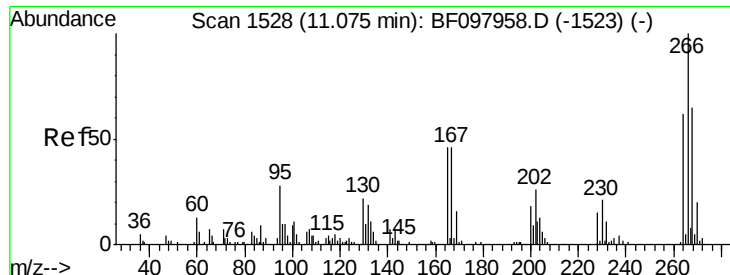
#68
Atrazine
Concen: 47.94 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:200 Resp: 160772
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 46.7 27.2 67.2



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

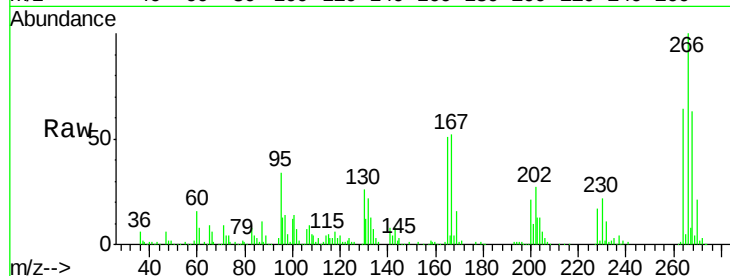




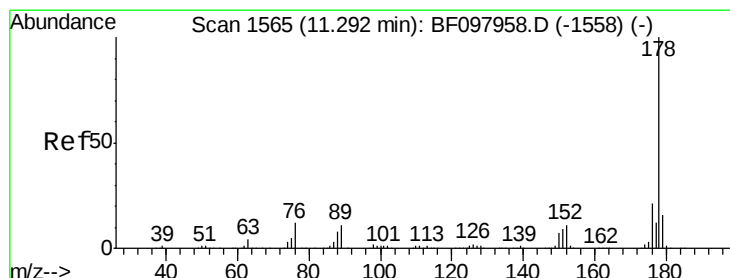
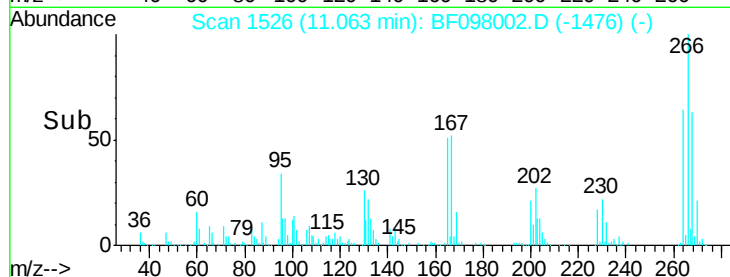
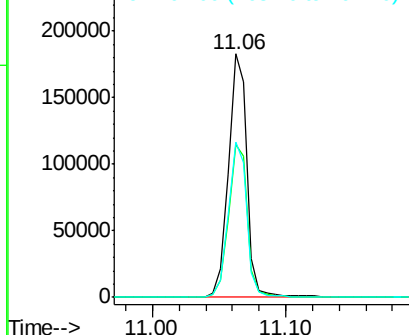
#69
 Pentachlorophenol
 Concen: 78.41 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB101787BS

Tot Ion:266 Resp: 179700
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 63.8 51.7 77.5

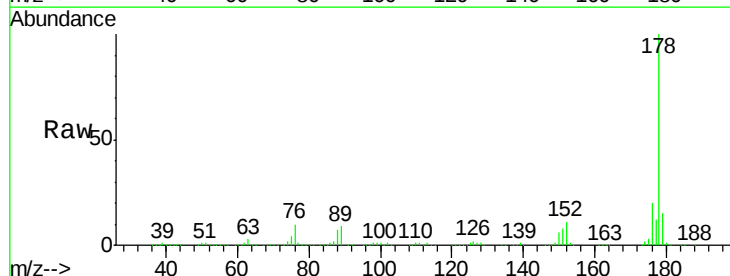


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

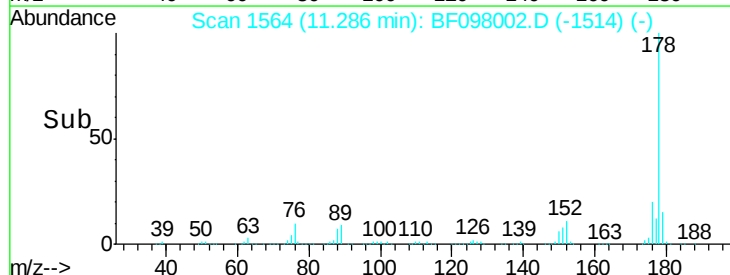
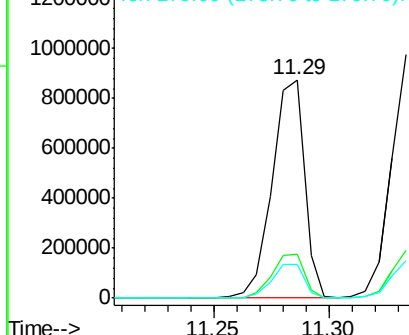


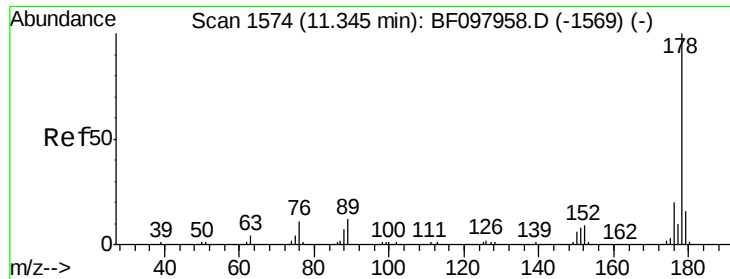
#70
 Phenanthrene
 Concen: 43.16 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion:178 Resp: 854197
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

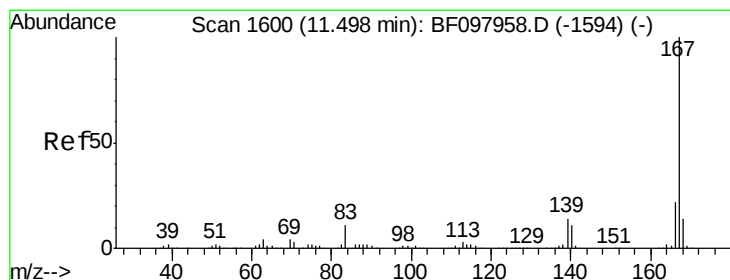
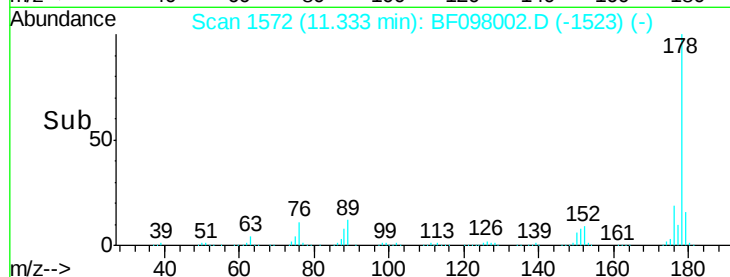
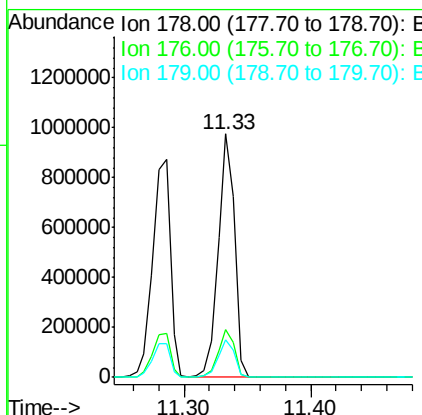
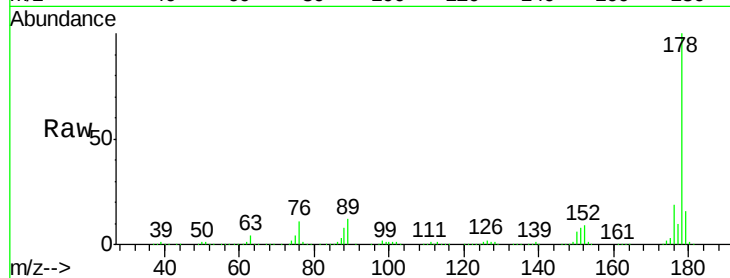




#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

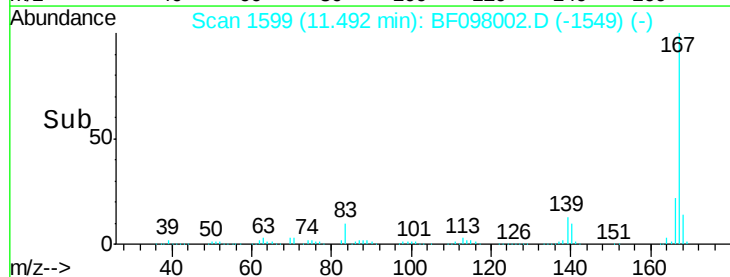
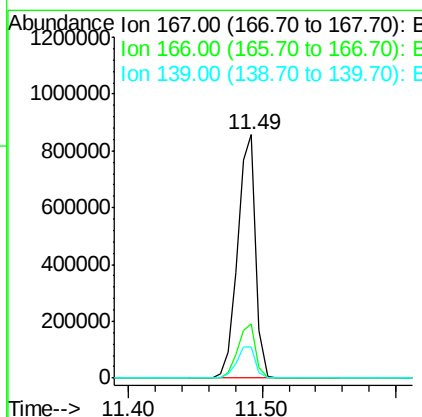
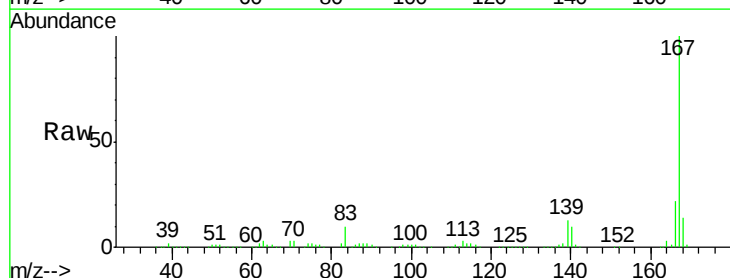
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

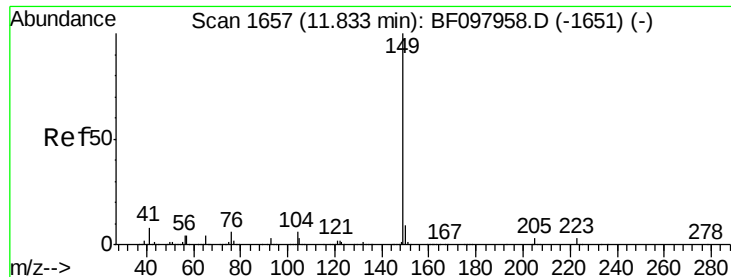
Tot Ion:178 Resp: 891365
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 42.46 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion:167 Resp: 808943
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.76 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

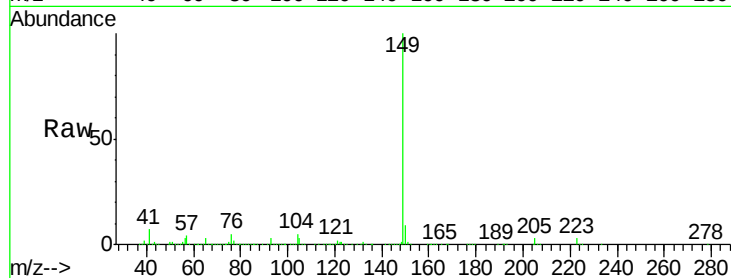
Tot Ion:149 Resp: 1048031

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

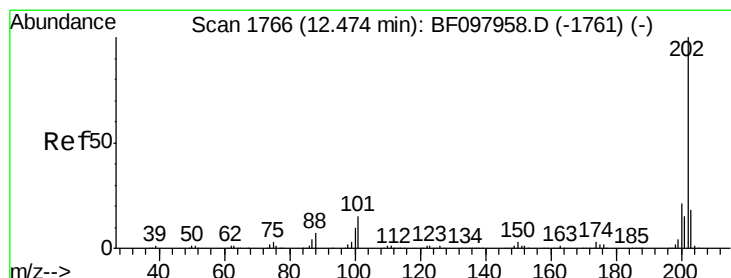
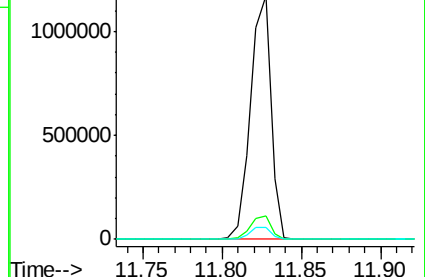
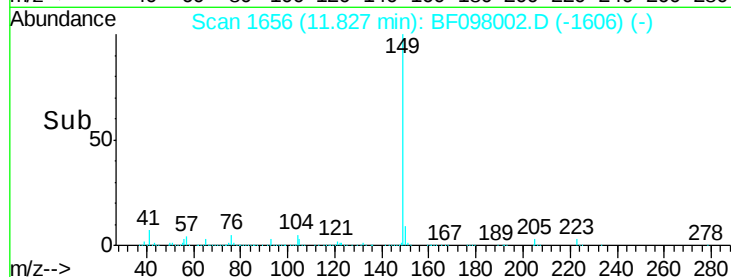
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.06 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

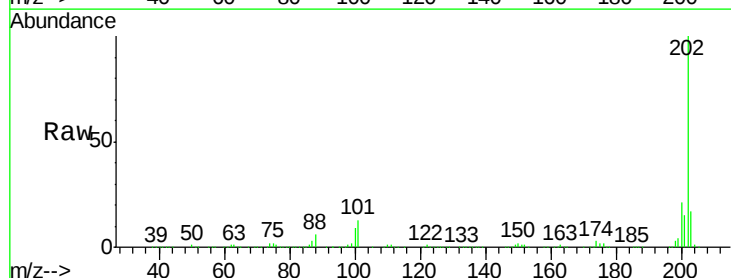
Tgt Ion:202 Resp: 868780

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

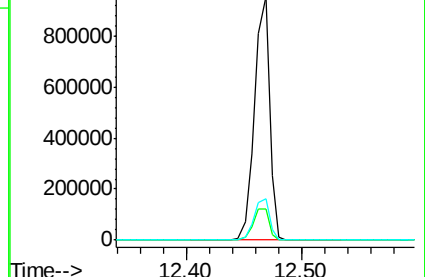
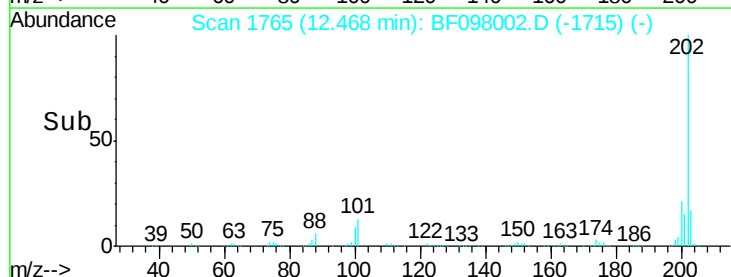
203 17.1 0.0 38.1

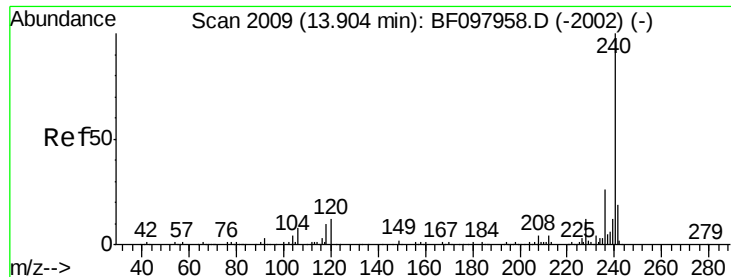


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

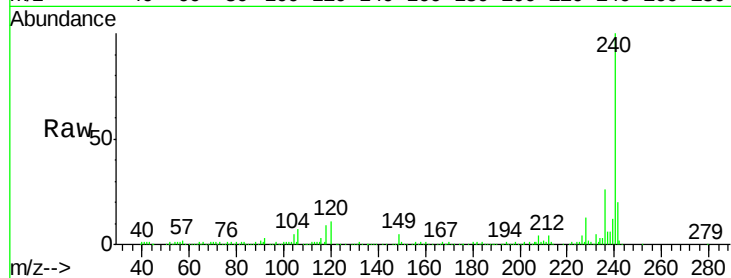
Tot Ion:240 Resp: 234806

Ion Ratio Lower Upper

240 100

120 11.3 5.8 8.8#

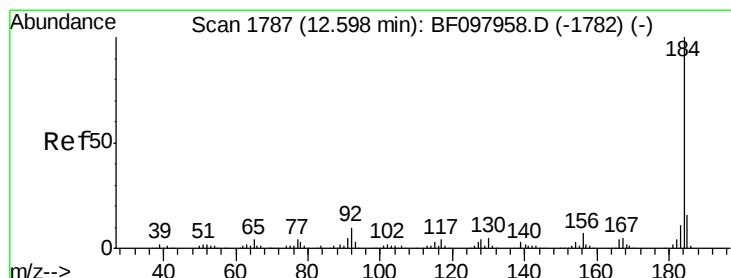
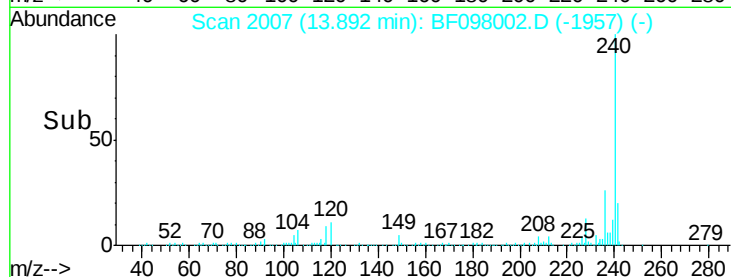
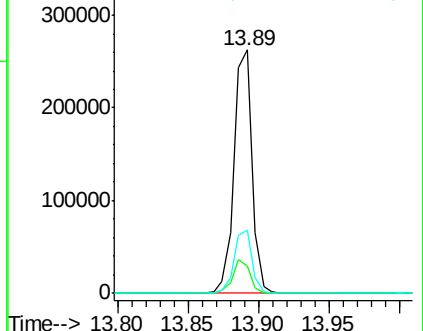
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.11 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

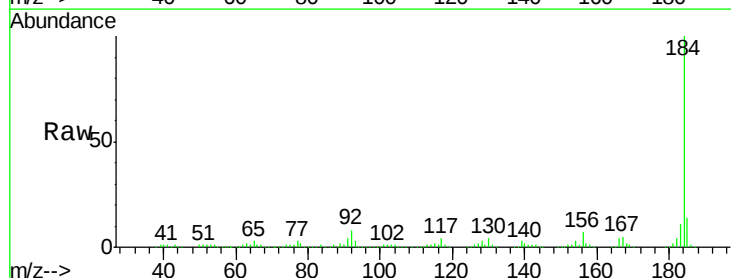
Tgt Ion:184 Resp: 393466

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

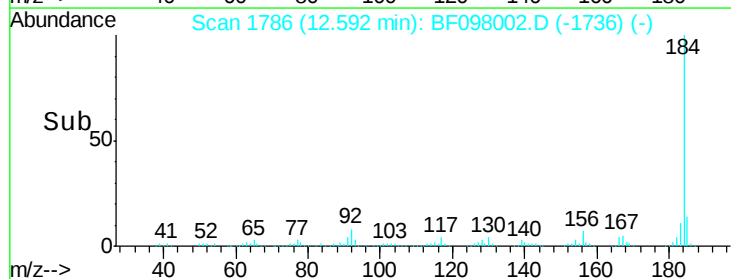
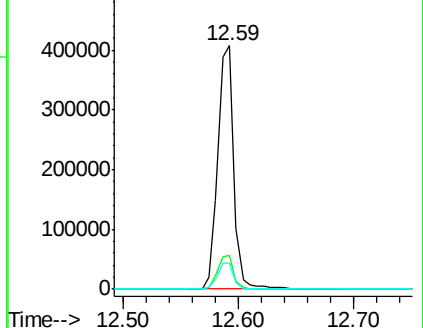
183 10.6 9.8 14.6

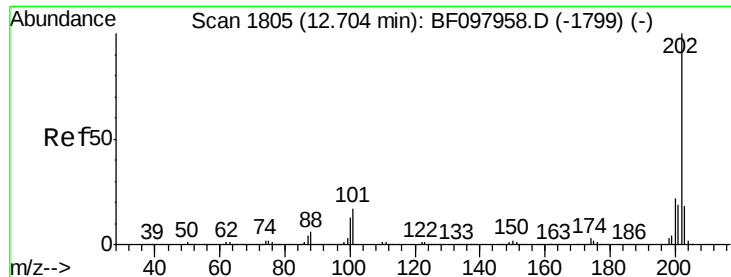


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.51 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

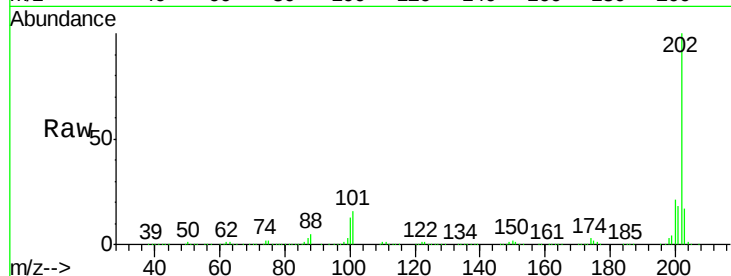
Instrument :

BNA_F

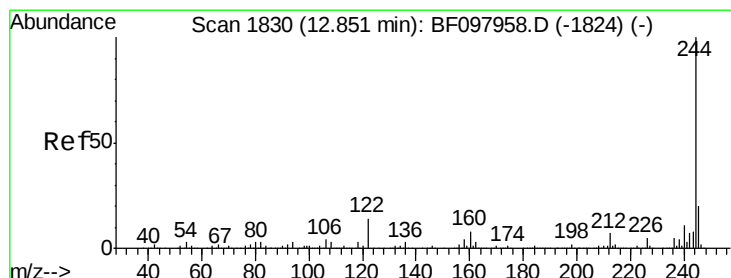
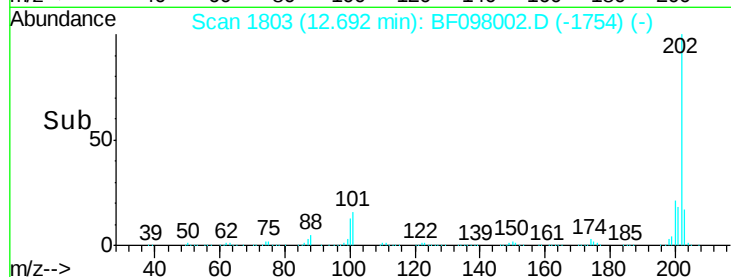
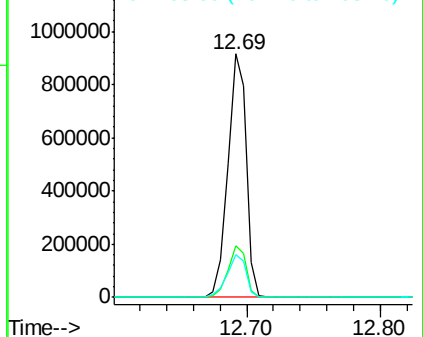
ClientSampleId :

PB101787BS

Tot Ion:	202	Resp:	893117
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.5	14.4	21.6



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



#78

Terphenyl-d14

Concen: 85.15 ng

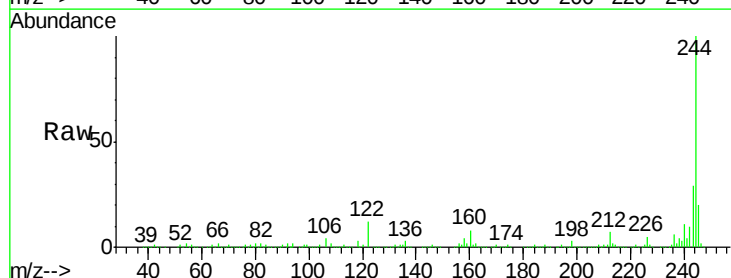
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

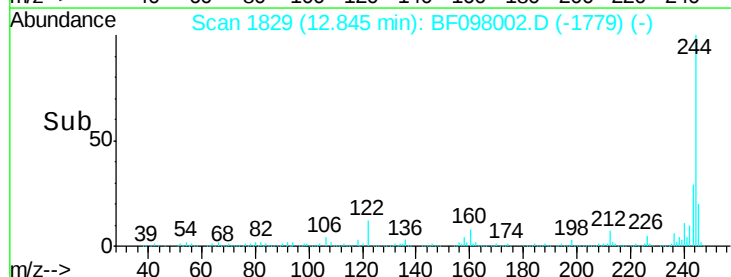
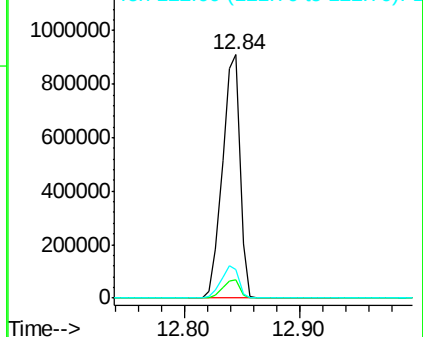
Lab File: BF098002.D

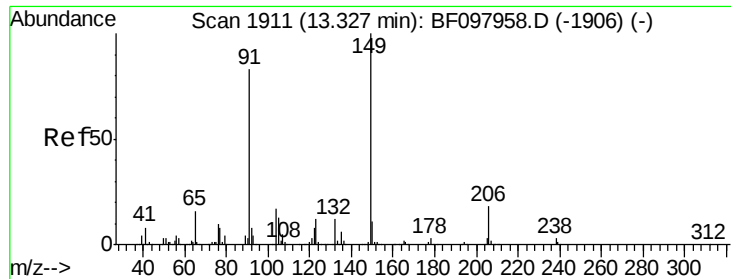
Acq: 24 Aug 2017 15:22

Tgt Ion:	244	Resp:	958783
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.0	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

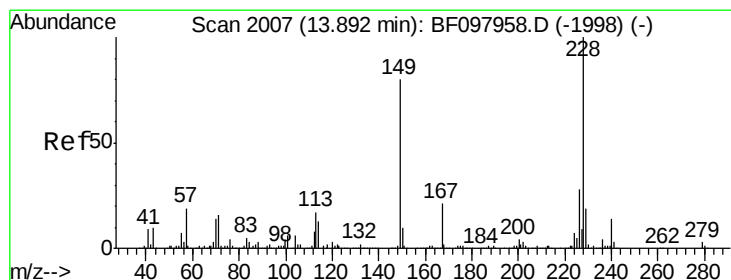
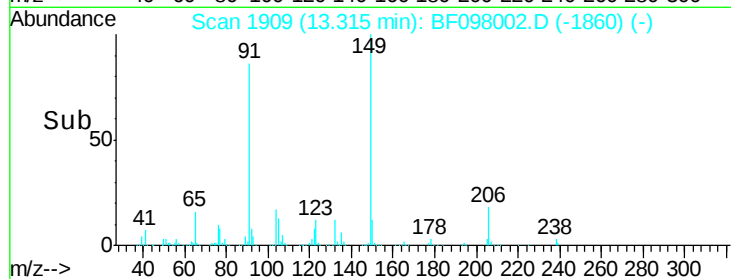
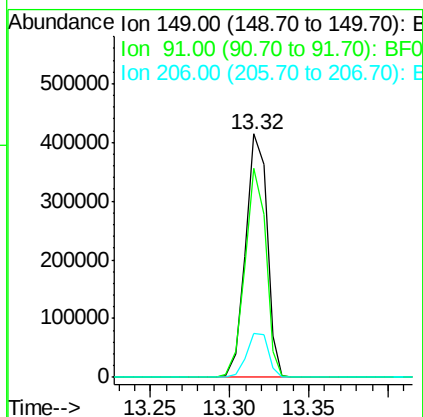
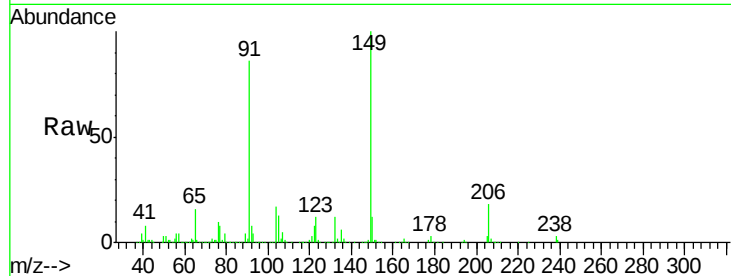




#79
Butylbenzylphthalate
Concen: 53.01 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

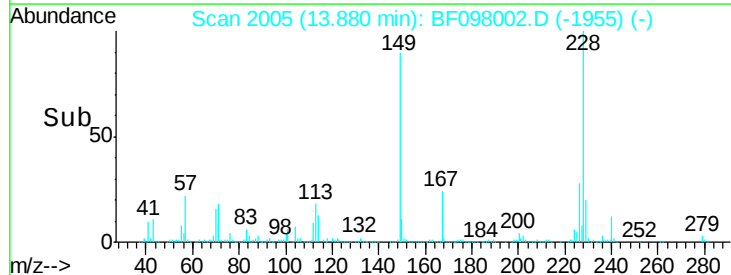
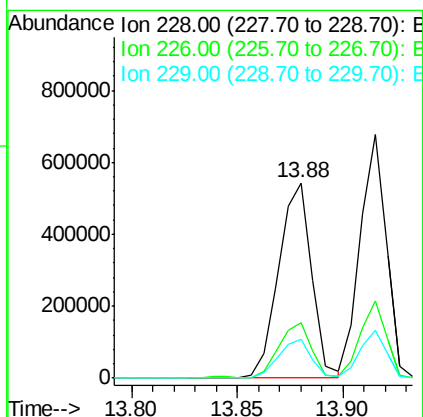
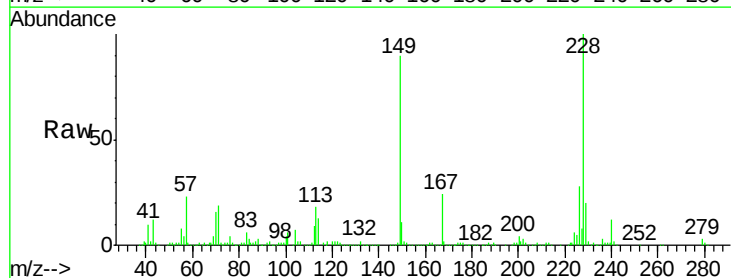
Instrument :
BNA_F
ClientSampleId :
PB101787BS

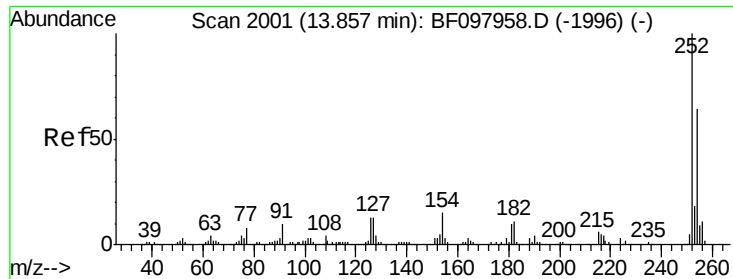
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	45.0	67.4#
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.94 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	16.3	24.5

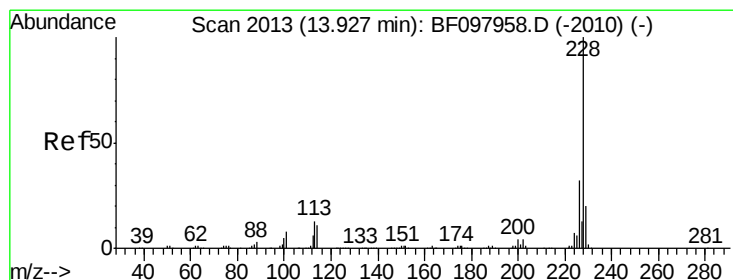
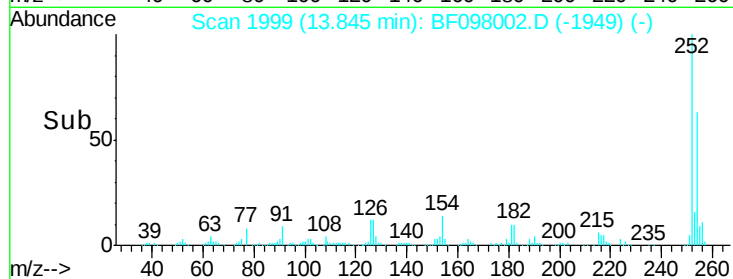
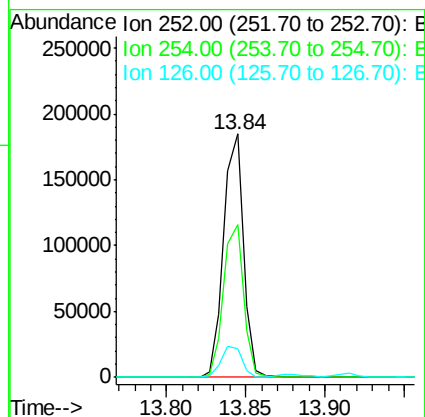
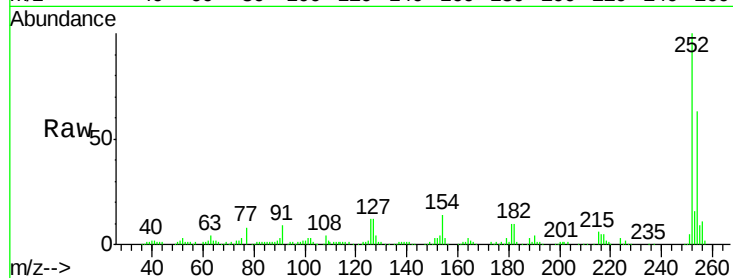




#81
 3,3'-Dichlorobenzidine
 Concen: 33.95 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

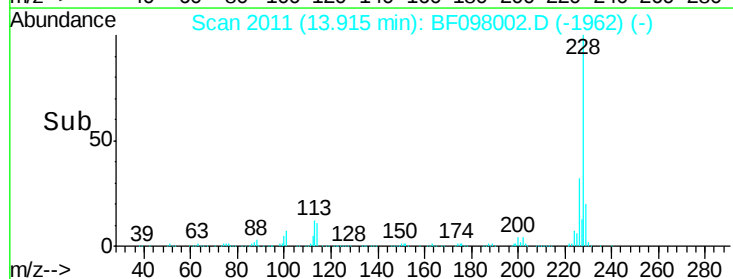
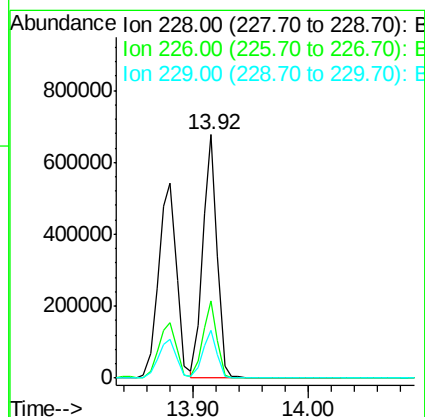
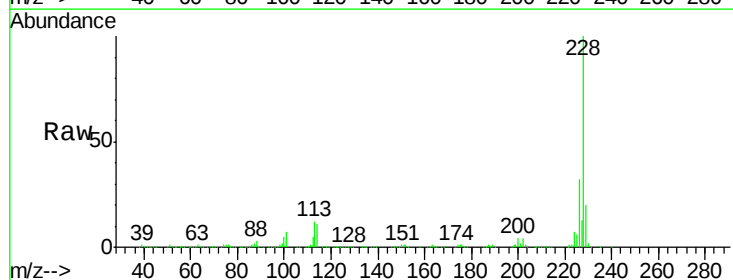
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

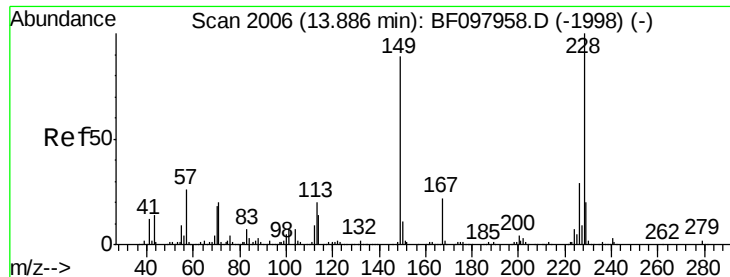
Tot Ion:252 Resp: 161239
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.5 77.3
 126 11.7 15.8 23.8#



#82
 Chrysene
 Concen: 42.14 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion:228 Resp: 589911
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 19.7 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.99 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

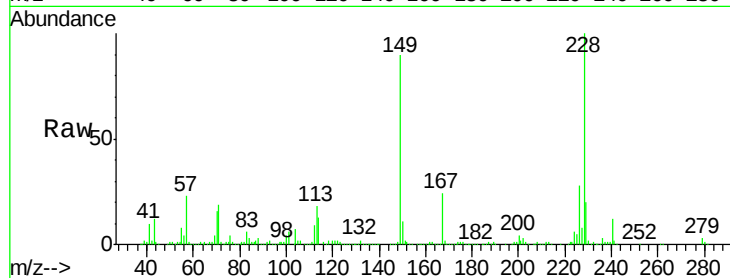
Tot Ion:149 Resp: 464987

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

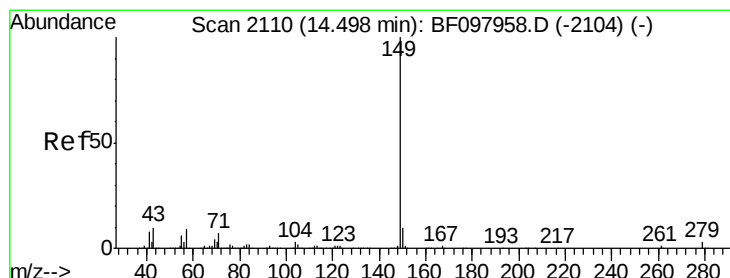
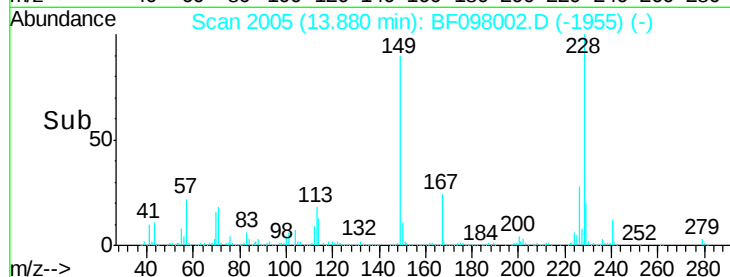
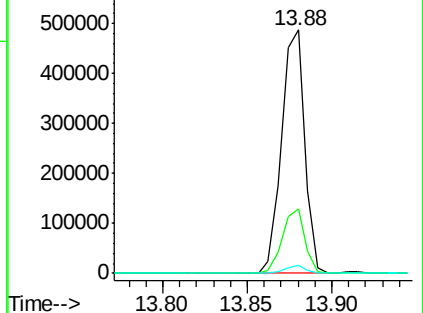
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.74 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

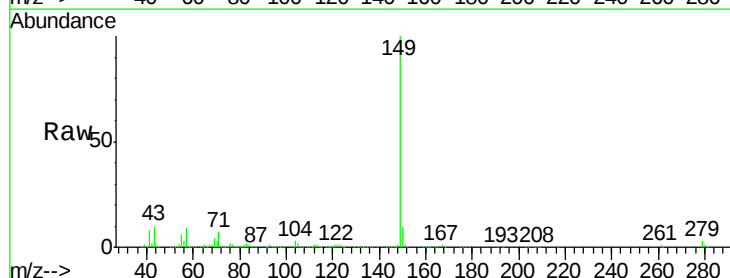
Tgt Ion:149 Resp: 791295

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

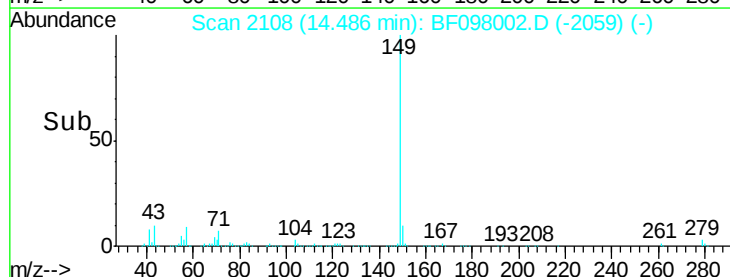
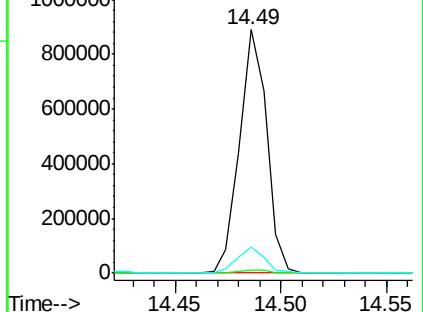
43 9.9 8.5 12.7

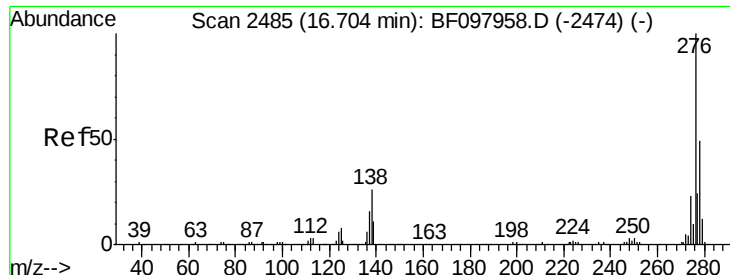


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

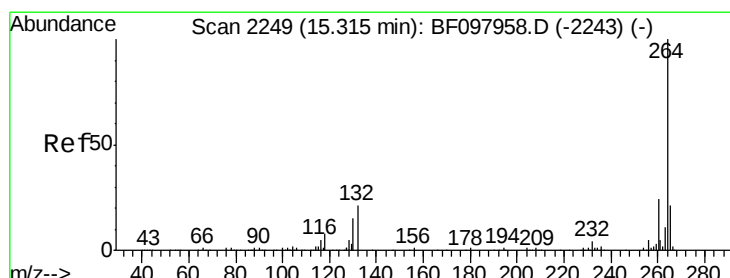
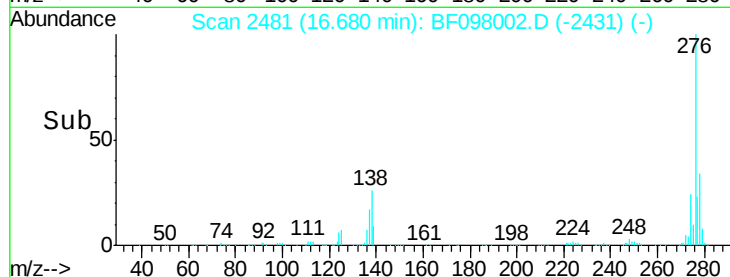
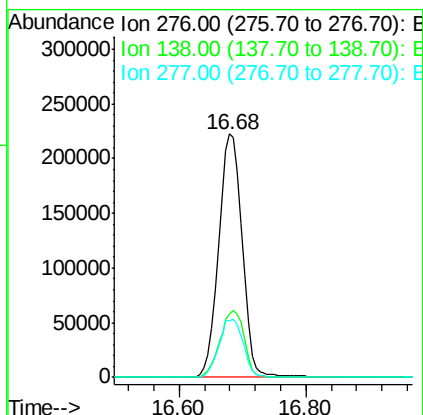
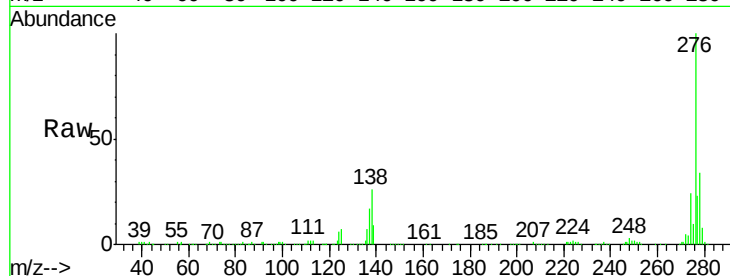




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.33 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

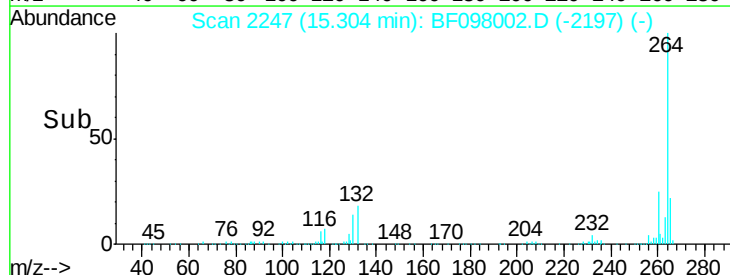
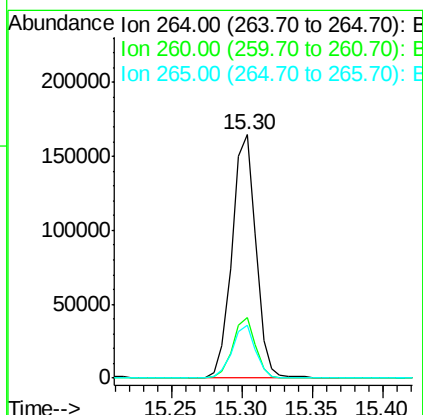
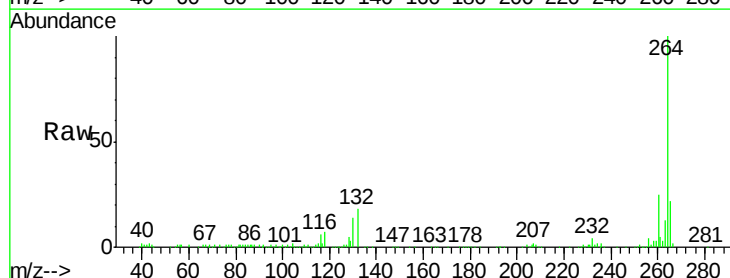
Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

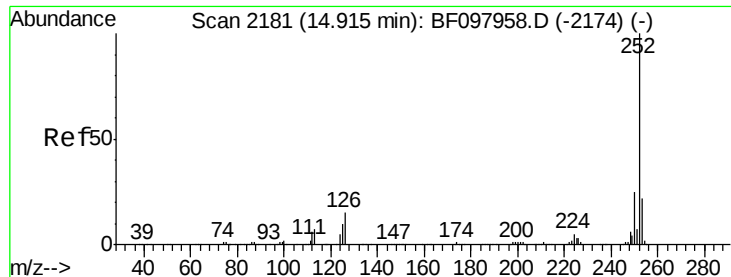
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	24.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8

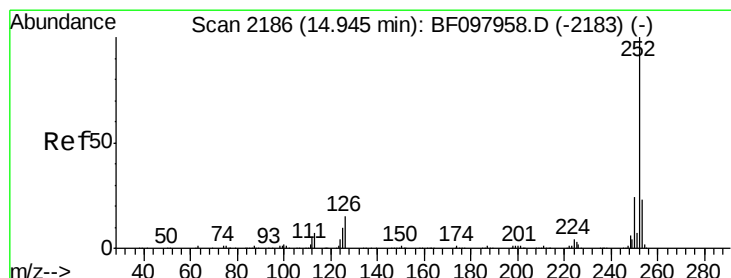
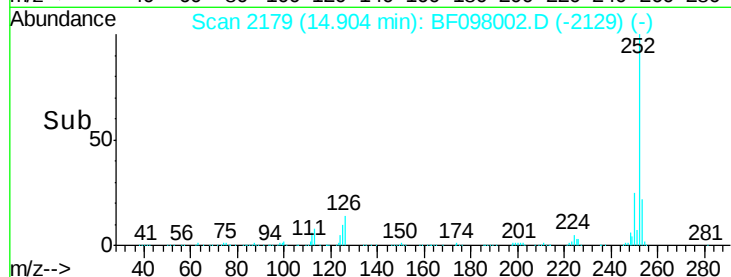
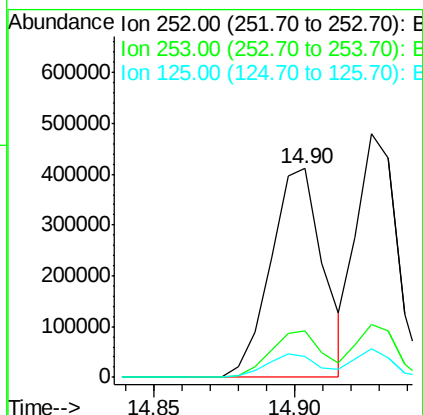
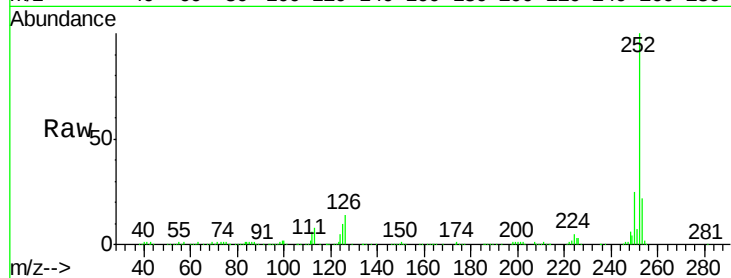




#87
Benzo(b)fluoranthene
Concen: 43.32 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

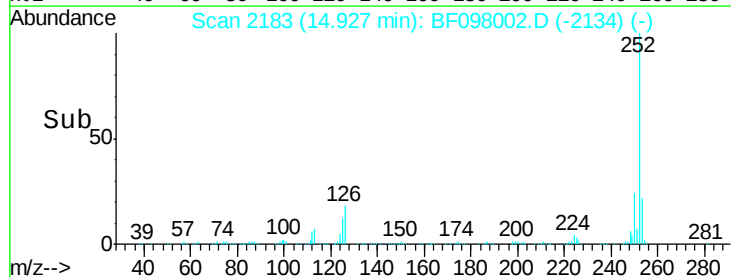
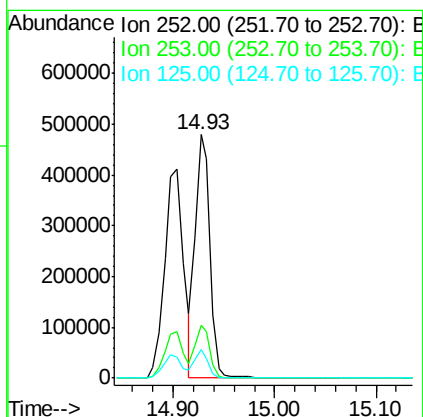
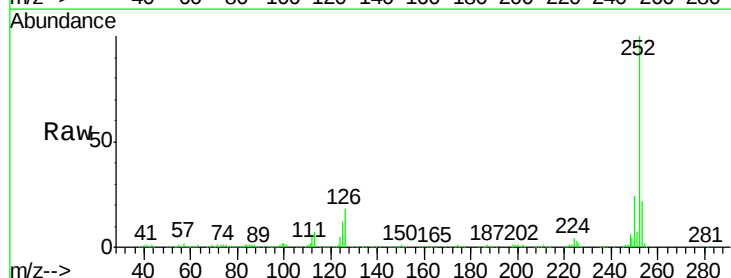
Instrument :
BNA_F
ClientSampleId :
PB101787BS

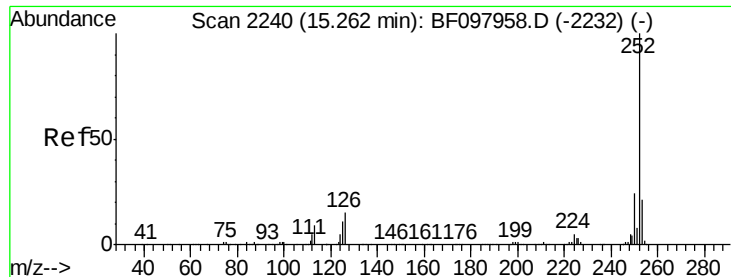
Tot Ion:252 Resp: 531958
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.51 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF098002.D
Acq: 24 Aug 2017 15:22

Tgt Ion:252 Resp: 478846
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 11.6 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 45.82 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101787BS

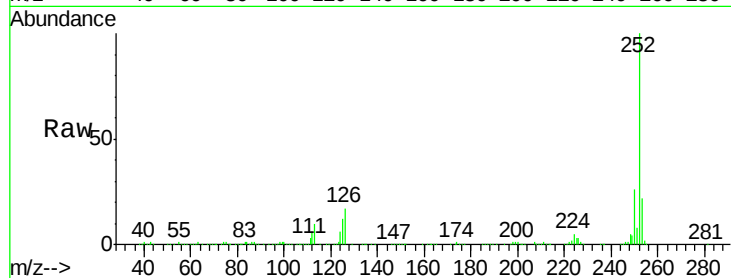
Tot Ion:252 Resp: 498138

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

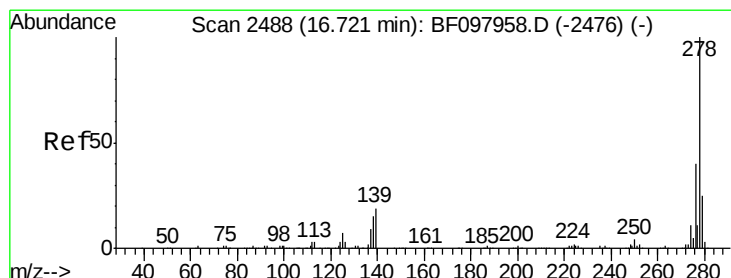
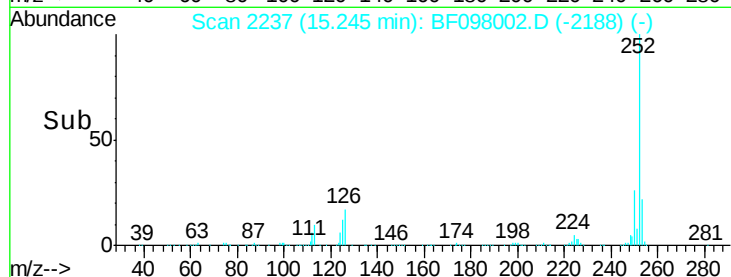
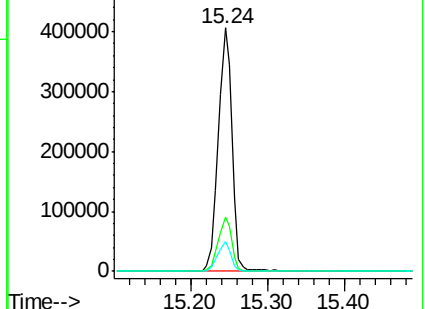
125 12.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.47 ng

RT: 16.70 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BF098002.D

Acq: 24 Aug 2017 15:22

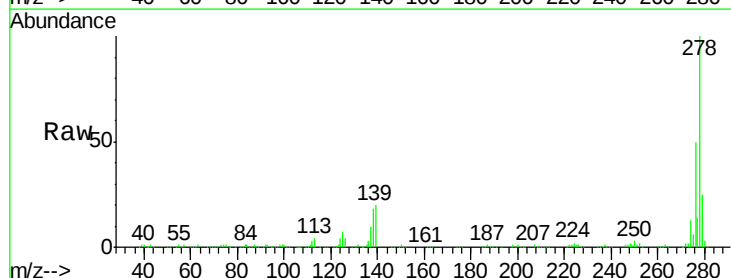
Tgt Ion:278 Resp: 473257

Ion Ratio Lower Upper

278 100

139 19.8 16.6 24.8

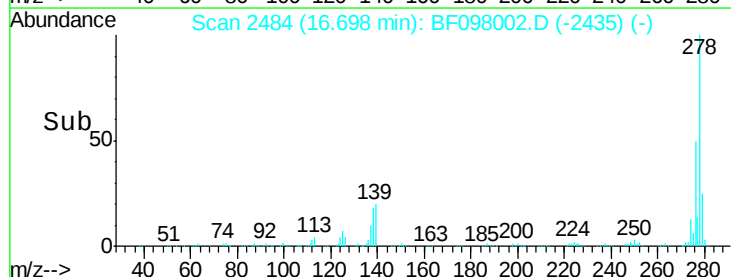
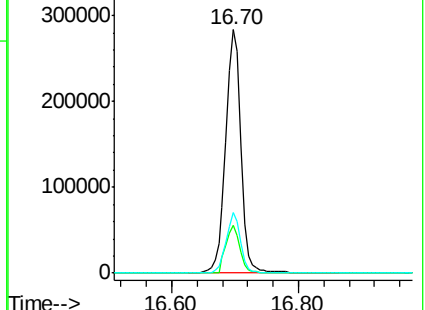
279 24.6 19.3 28.9

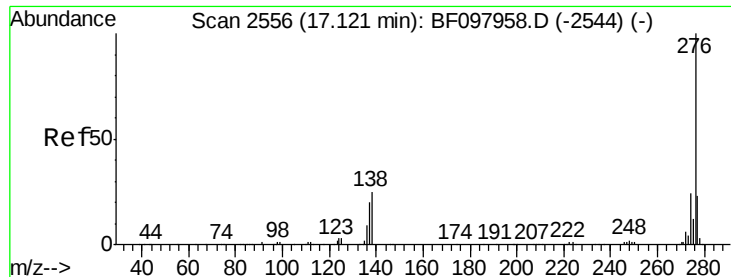


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 54.13 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF098002.D
 Acq: 24 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	25.7	25.4	38.0

