

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097690.D
 Acq On : 15 Aug 2017 14:49
 Operator : SJ/JU
 Sample : PB101481BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

Quant Time: Aug 16 03:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	125948	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	513724	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	239326	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	473545	20.00	ng	0.00
75) Chrysene-d12	13.94	240	355495	20.00	ng	0.00
86) Perylene-d12	15.36	264	278273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	999816	120.75	ng	0.01
7) Phenol-d6	6.42	99	1353604	120.32	ng	0.00
23) Nitrobenzene-d5	7.35	82	822921	87.02	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	269181	129.63	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1252121	76.87	ng	0.00
78) Terphenyl-d14	12.89	244	1178984	69.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	155375	33.65	ng	92
3) Pyridine	3.27	79	445258	34.88	ng	88
4) n-Nitrosodimethylamine	3.22	42	183896	37.44	ng	89
6) Aniline	6.45	93	311028	19.68	ng	98
8) 2-Chlorophenol	6.57	128	333615	38.20	ng	98
9) Benzaldehyde	6.33	77	132127	18.54	ng	86
10) Phenol	6.43	94	486556	36.98	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	368360	37.09	ng	97
12) 1,3-Dichlorobenzene	6.72	146	331605	35.30	ng	# 91
13) 1,4-Dichlorobenzene	6.96	146	317487	33.23	ng	94
14) 1,2-Dichlorobenzene	6.96	146	317487	36.04	ng	98
15) Benzyl Alcohol	6.92	79	345659	41.04	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	501557	37.54	ng	92
17) 2-Methylphenol	7.03	107	309685	40.24	ng	96
18) Hexachloroethane	7.30	117	136122	36.34	ng	# 83
19) n-Nitroso-di-n-propylamine	7.20	70	281134	36.50	ng	91
20) 3+4-Methylphenols	7.19	107	370892	39.46	ng	94
22) Acetophenone	7.19	105	498081	36.70	ng	# 91
24) Nitrobenzene	7.36	77	427102	40.56	ng	91
25) Isophorone	7.60	82	776041	39.47	ng	96
26) 2-Nitrophenol	7.68	139	153010	40.97	ng	# 73
27) 2,4-Dimethylphenol	7.72	122	311729	38.01	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	476333	36.85	ng	99
29) 2,4-Dichlorophenol	7.92	162	266239	39.11	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	267364	35.43	ng	99
31) Naphthalene	8.09	128	952492	35.71	ng	99
32) Benzoic acid	7.84	122	210234	36.89	ng	87
33) 4-Chloroaniline	8.13	127	103715	9.22	ng	98
34) Hexachlorobutadiene	8.21	225	152175	34.54	ng	98
35) Caprolactam	8.50	113	52242	22.57	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	336345	38.46	ng	# 78
37) 2-Methylnaphthalene	8.78	142	622921	38.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	241763	32.92	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	313550	88.86	ng	97

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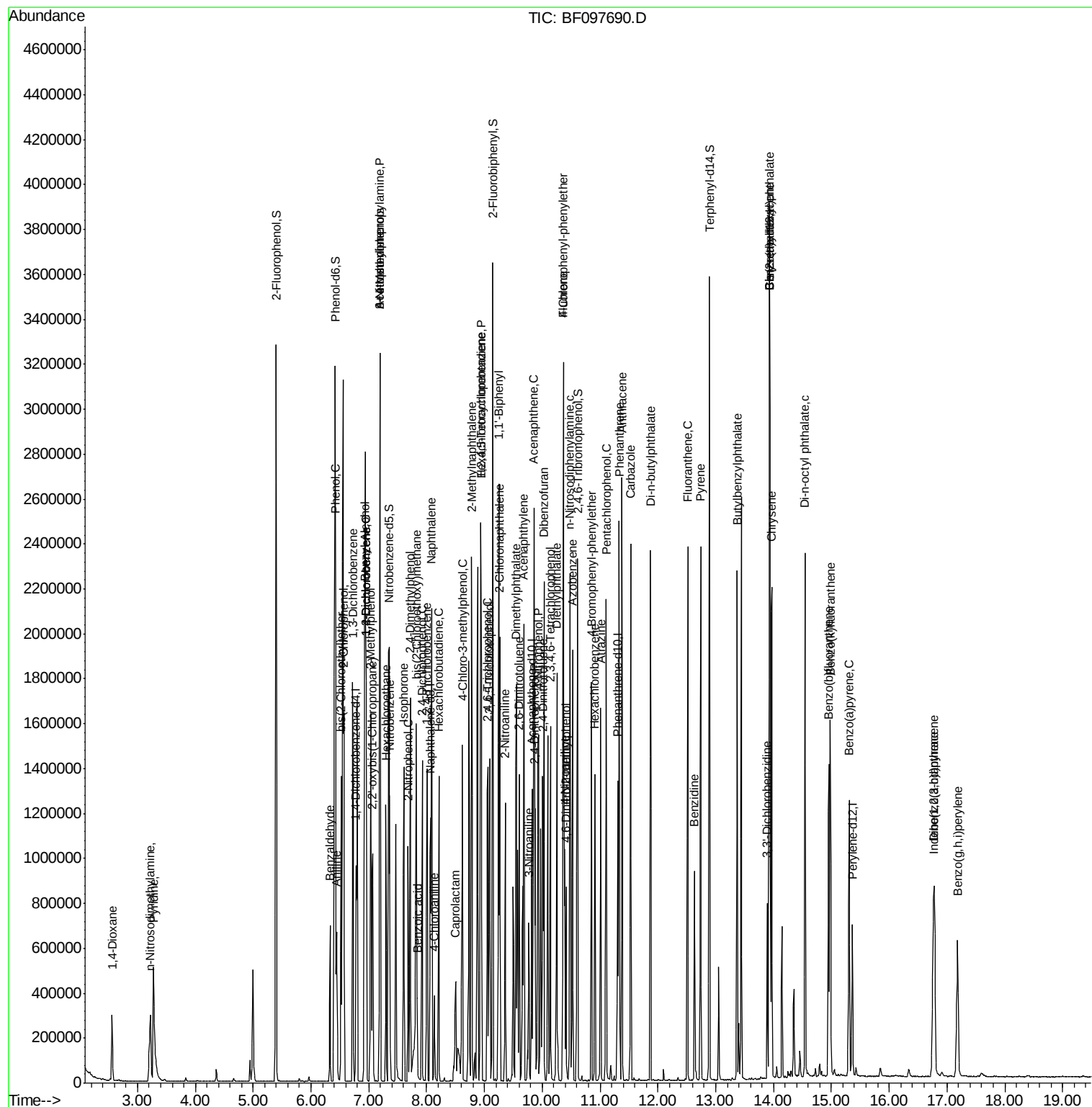
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42) 2,4,6-Trichlorophenol	9.06	196	181149	36.74	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	189912	38.82	nq	96
45) 1,1'-Biphenyl	9.25	154	747166	34.24	nq	96
46) 2-Chloronaphthalene	9.27	162	551884	34.22	nq	# 92
47) 2-Nitroaniline	9.36	65	213244	39.45	nq	96
48) Acenaphthylene	9.68	152	920431	36.35	nq	99
49) Dimethylphthalate	9.55	163	659123	37.68	nq	99
50) 2,6-Dinitrotoluene	9.60	165	141797	40.61	nq	# 50
51) Acenaphthene	9.86	154	614513	38.48	nq	97
52) 3-Nitroaniline	9.77	138	84297	18.71	nq	82
53) 2,4-Dinitrophenol	9.87	184	127766	77.31	nq	# 75
54) Dibenzofuran	10.03	168	822297	38.42	nq	100
55) 4-Nitrophenol	9.93	139	276851	77.03	nq	# 45
56) 2,4-Dinitrotoluene	10.01	165	189346	43.21	nq	# 57
57) Fluorene	10.37	166	595107	35.96	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	165659	43.74	nq	94
59) Diethylphthalate	10.25	149	703542	38.46	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	273781	35.61	nq	91
61) 4-Nitroaniline	10.39	138	165278	38.60	nq	# 66
62) Azobenzene	10.52	77	865934	39.85	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	83705	39.33	nq	95
65) n-Nitrosodiphenylamine	10.48	169	562683	34.89	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	175826	35.76	nq	99
67) Hexachlorobenzene	10.92	284	170516	34.02	nq	# 92
68) Atrazine	11.01	200	177855	41.59	nq	96
69) Pentachlorophenol	11.10	266	216033	73.92	nq	98
70) Phenanthrene	11.33	178	914848	36.25	nq	99
71) Anthracene	11.38	178	935372	36.55	nq	99
72) Carbazole	11.53	167	901281	37.10	nq	98
73) Di-n-butylphthalate	11.87	149	1108311	39.61	nq	99
74) Fluoranthene	12.52	202	992556	37.68	nq	98
76) Benzidine	12.63	184	320048	27.46	nq	94
77) Pyrene	12.74	202	1033427	35.54	nq	100
79) Butylbenzylphthalate	13.37	149	473765	42.50	nq	# 68
80) Benzo(a)anthracene	13.93	228	791727	37.16	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	129418	18.00	nq	# 97
82) Chrysene	13.97	228	783224	36.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	566908	45.89	nq	# 100
84) Di-n-octyl phthalate	14.54	149	1065921	49.59	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	579904	37.19	nq	94
87) Benzo(b)fluoranthene	14.96	252	649452	37.03	nq	100
88) Benzo(k)fluoranthene	14.99	252	641653	38.94	nq	# 95
89) Benzo(a)pyrene	15.31	252	600265	38.66	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	466420	36.90	nq	98
91) Benzo(g,h,i)perylene	17.19	276	487968	36.99	nq	95

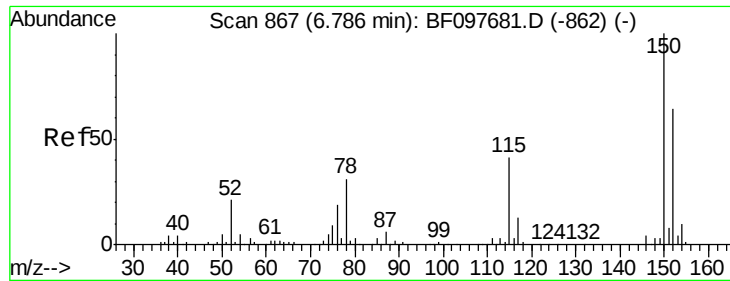
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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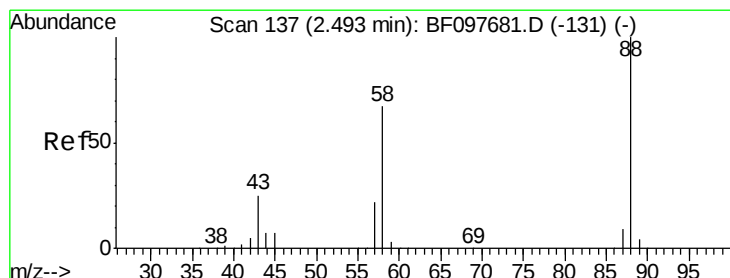
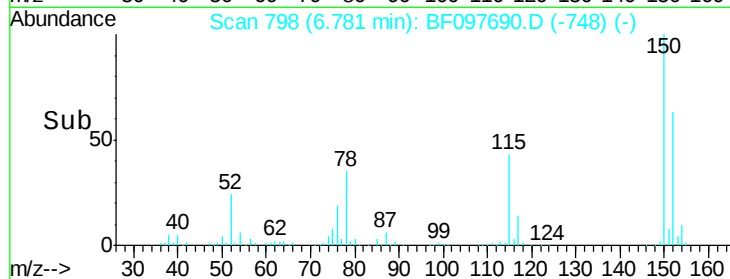
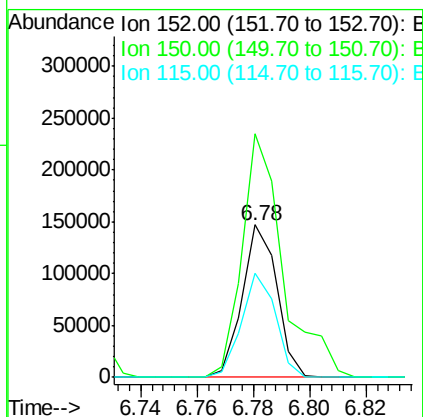
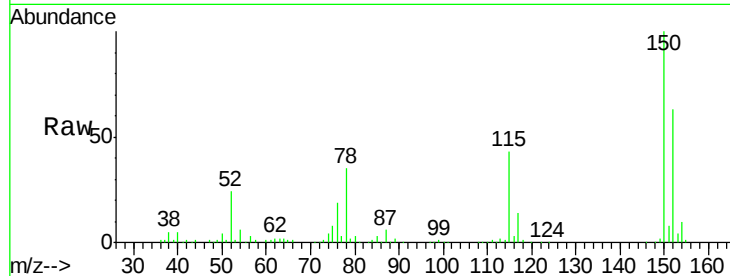


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

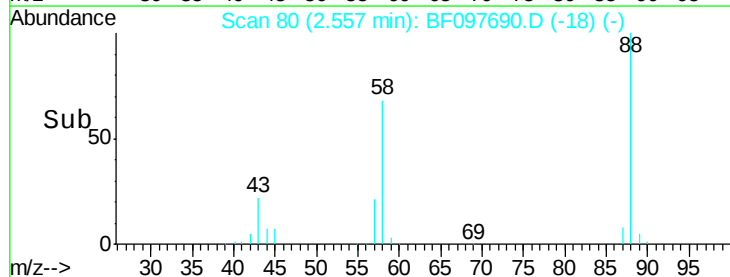
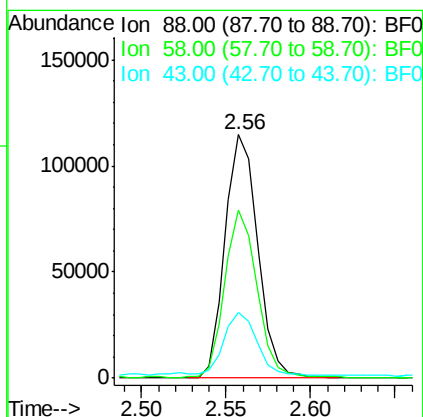
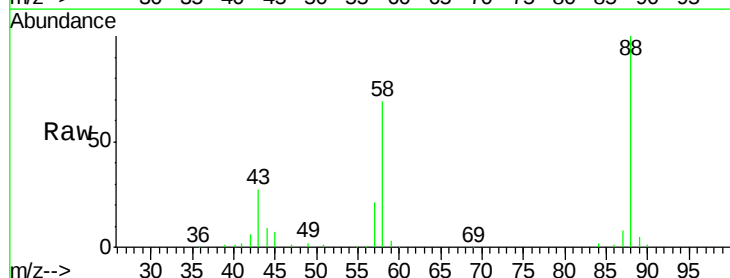
Tot Ion:152 Resp: 125948
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 68.2 52.2 78.2

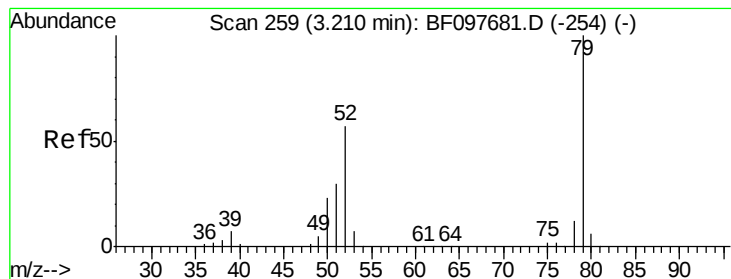


#2

1,4-Dioxane
Concen: 33.65 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion: 88 Resp: 155375
Ion Ratio Lower Upper
88 100
58 68.8 61.4 92.0
43 26.9 23.4 35.0





#3

Pvrindine

Concen: 34.88 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.06 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

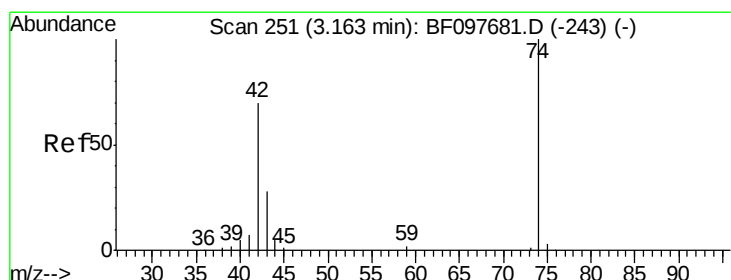
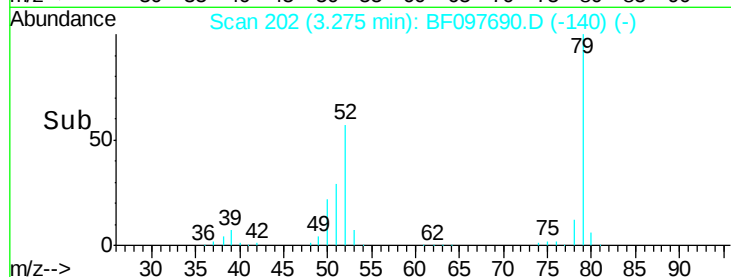
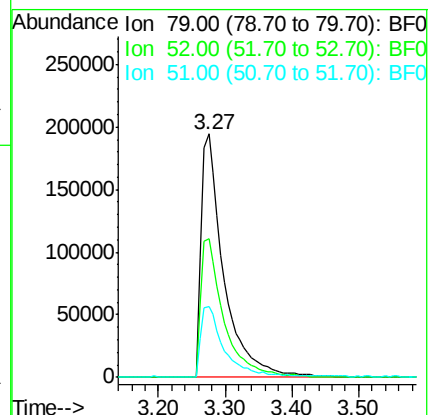
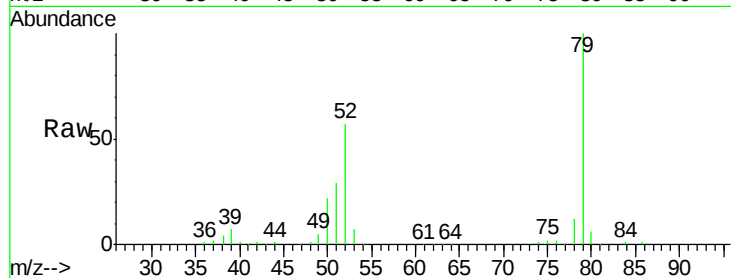
Tot Ion: 79 Resp: 445258

Ion Ratio Lower Upper

79 100

52 57.1 54.8 82.2

51 29.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 37.44 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

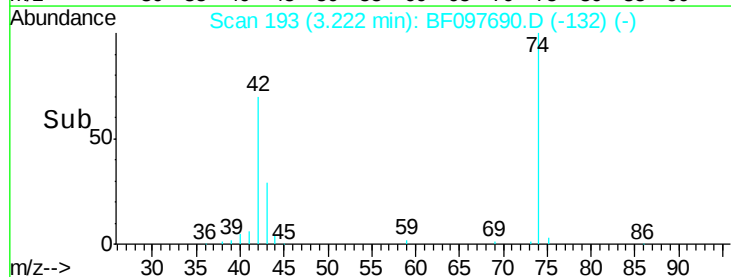
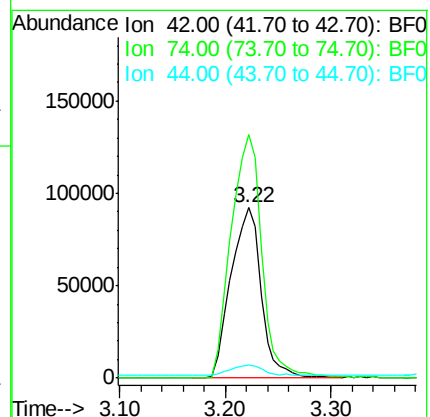
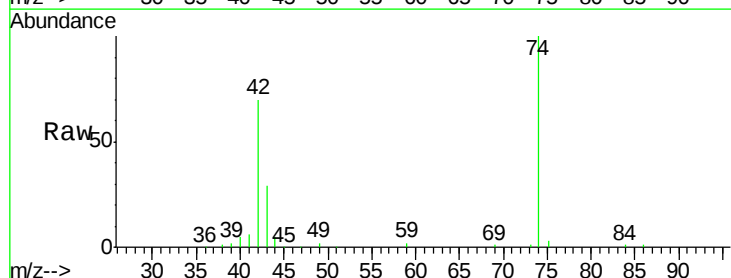
Tgt Ion: 42 Resp: 183896

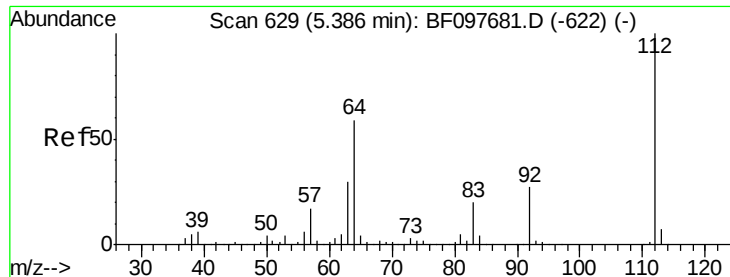
Ion Ratio Lower Upper

42 100

74 142.9 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 120.75 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

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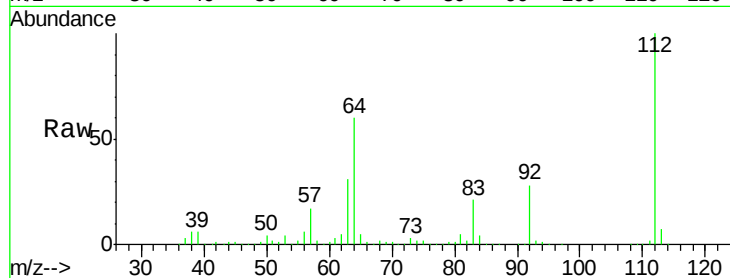
Tot Ion: 112 Resp: 999816

Ion Ratio Lower Upper

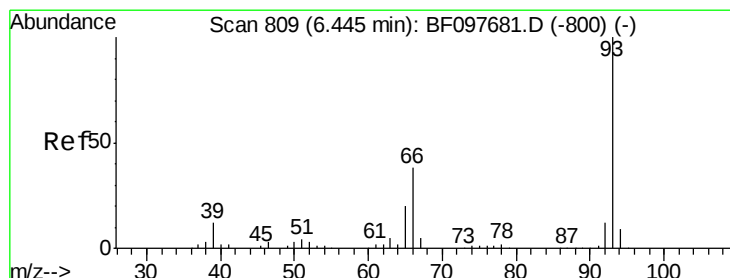
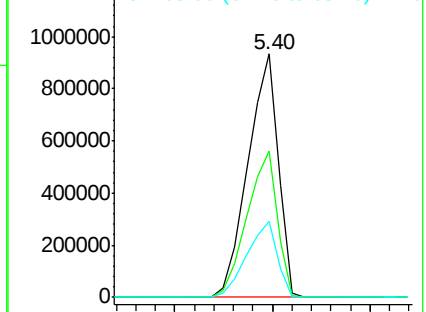
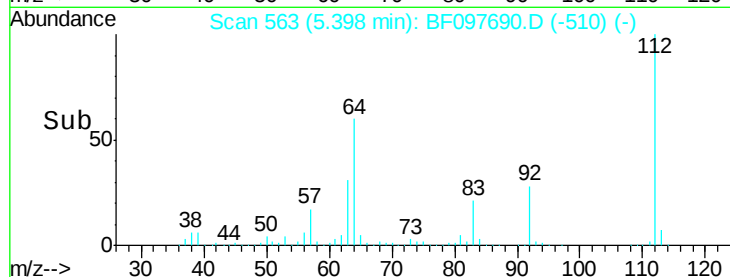
112 100

64 59.9 46.0 69.0

63 31.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BF097690.D (-510) (-)



#6

Aniline

Concen: 19.68 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

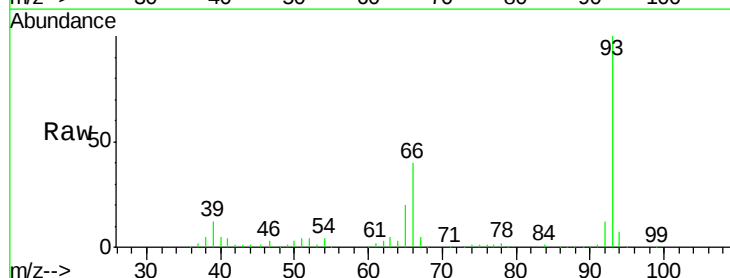
Tgt Ion: 93 Resp: 311028

Ion Ratio Lower Upper

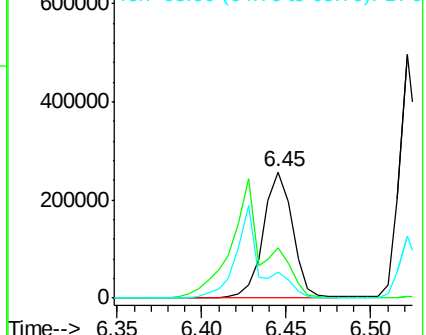
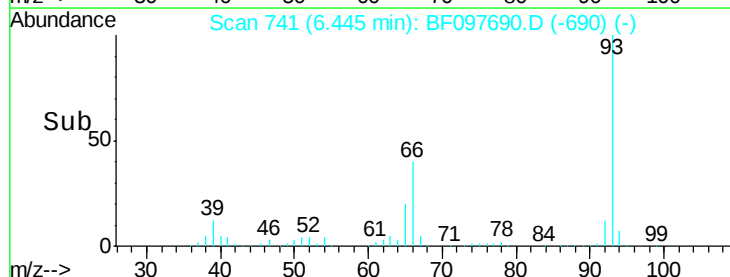
93 100

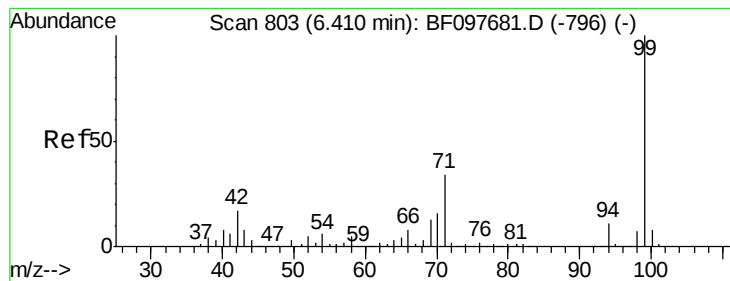
66 40.0 32.9 49.3

65 20.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF097690.D (-690) (-)





#7

Phenol-d6

Concen: 120.32 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097690.D

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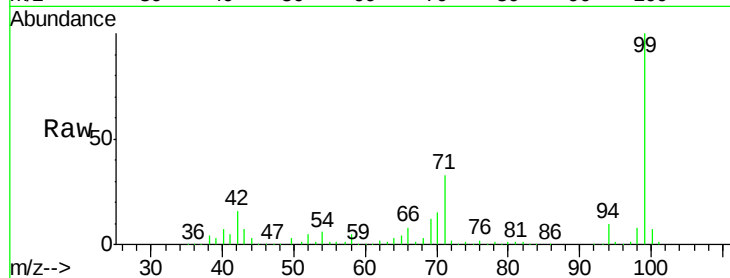
Tot Ion: 99 Resp: 1353604

Ion Ratio Lower Upper

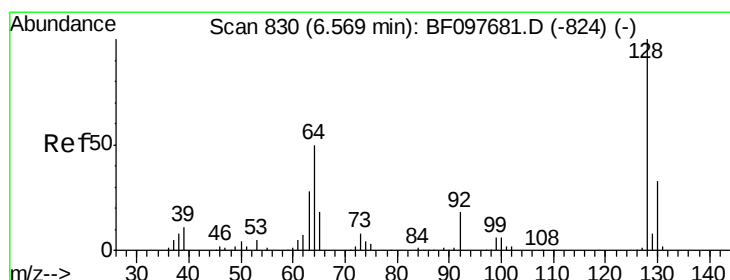
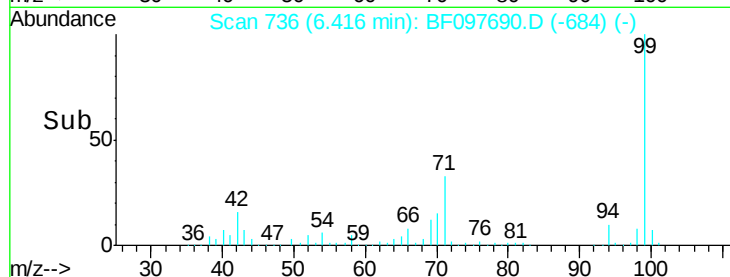
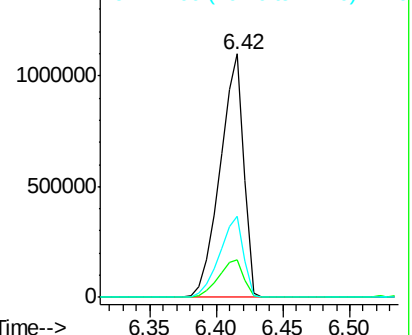
99 100

42 15.6 13.5 20.3

71 33.3 24.5 36.7



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



#8

2-Chlorophenol

Concen: 38.20 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097690.D

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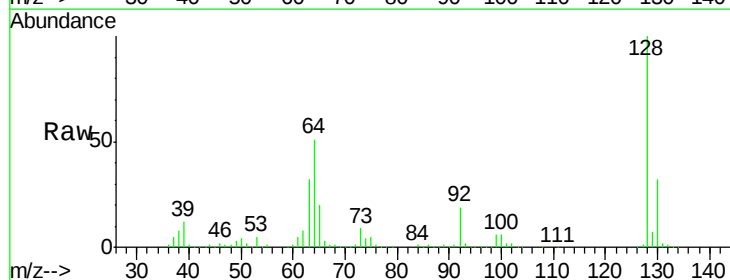
Tgt Ion:128 Resp: 333615

Ion Ratio Lower Upper

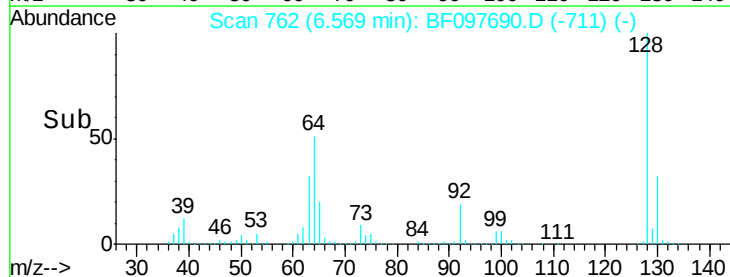
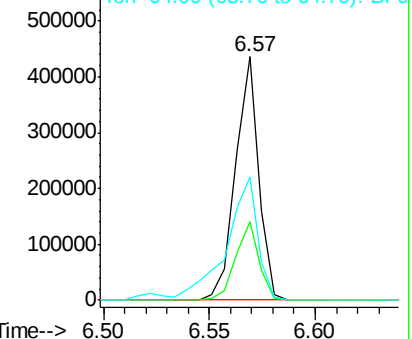
128 100

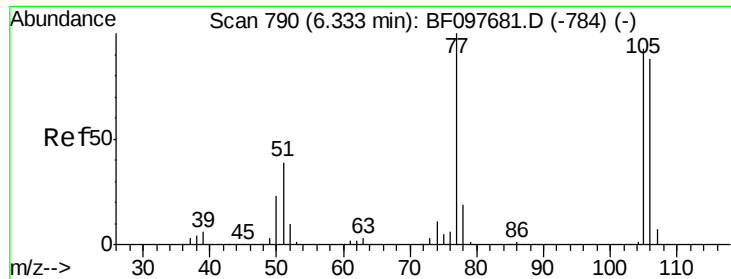
130 32.2 12.9 52.9

64 50.6 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: 18.54 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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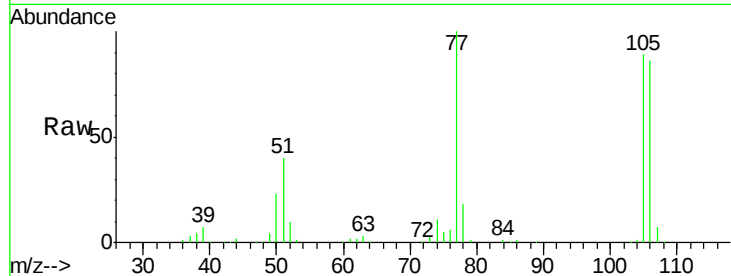
Tot Ion: 77 Resp: 132127

Ion Ratio Lower Upper

77 100

105 89.3 83.8 123.8

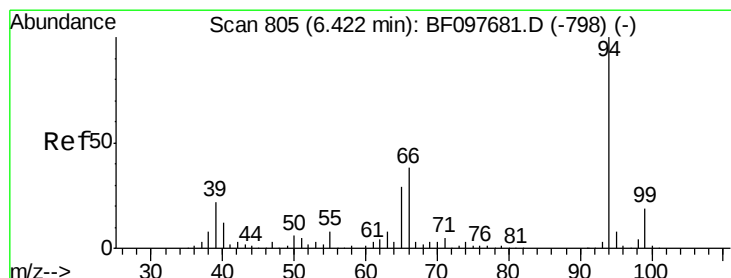
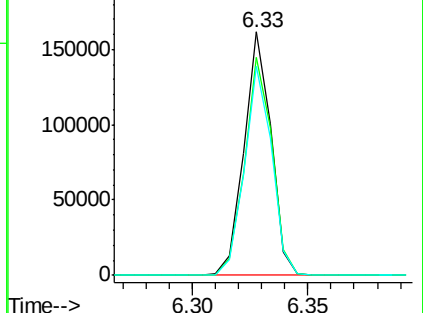
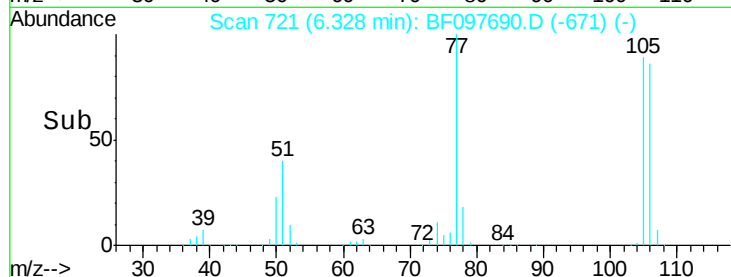
106 86.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.98 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

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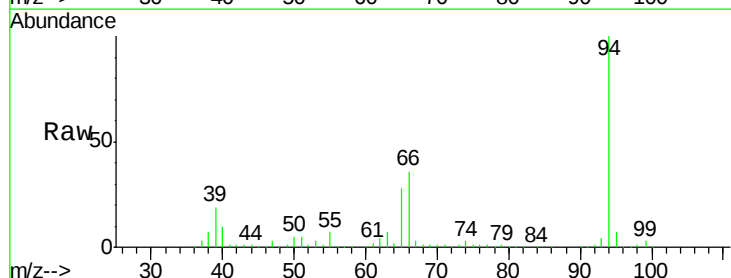
Tgt Ion: 94 Resp: 486556

Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

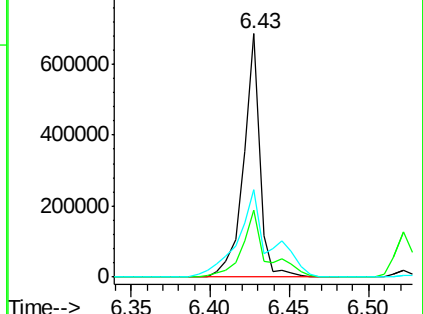
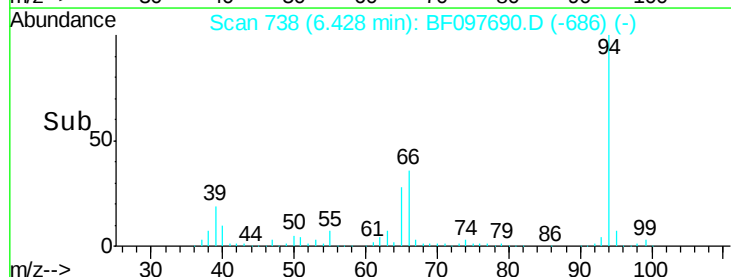
66 35.7 23.1 63.1

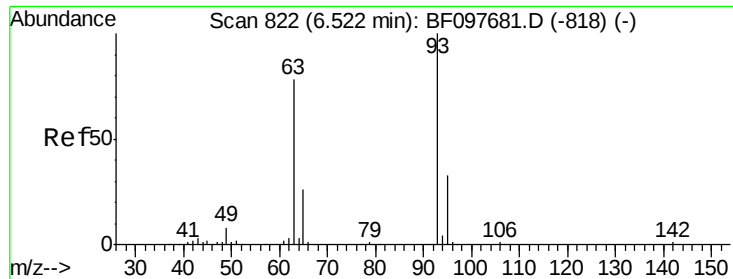


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

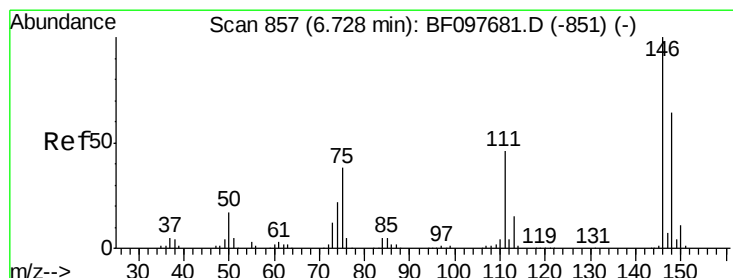
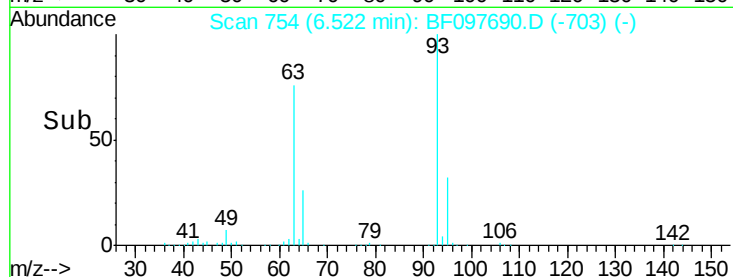
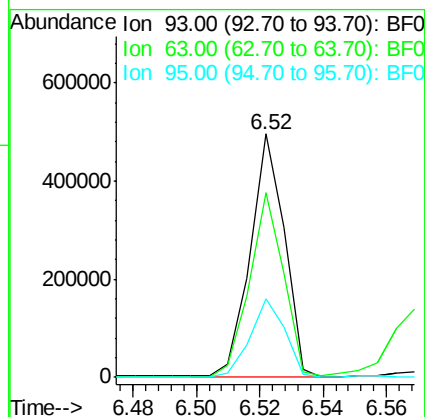
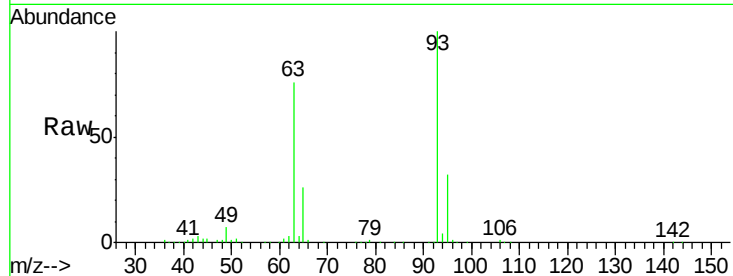




#11
bis(2-Chloroethyl)ether
Concen: 37.09 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

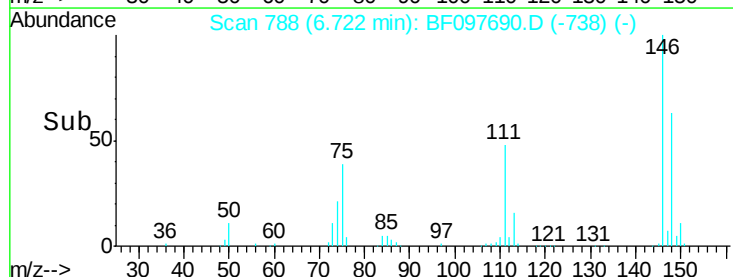
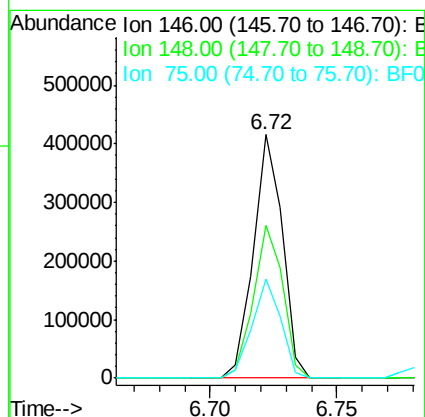
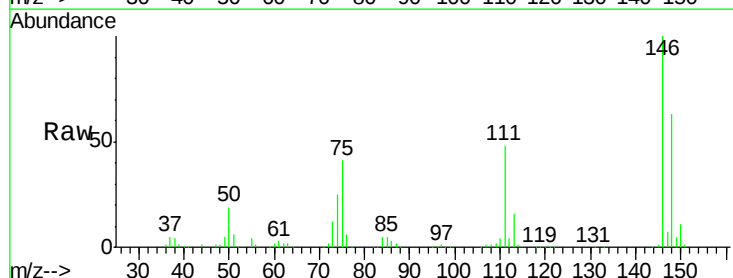
Instrument :
BNA_F
ClientSampleId :
PB101481BS

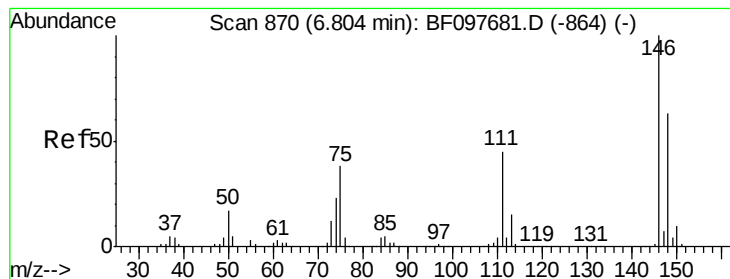
Tot Ion: 93 Resp: 368360
Ion Ratio Lower Upper
93 100
63 76.0 59.2 99.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.30 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion: 146 Resp: 331605
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.6
75 40.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 33.23 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.15 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleID :

PB101481BS

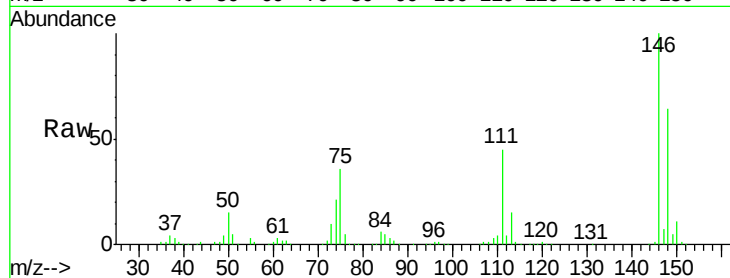
Tot Ion:146 Resp: 317487

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

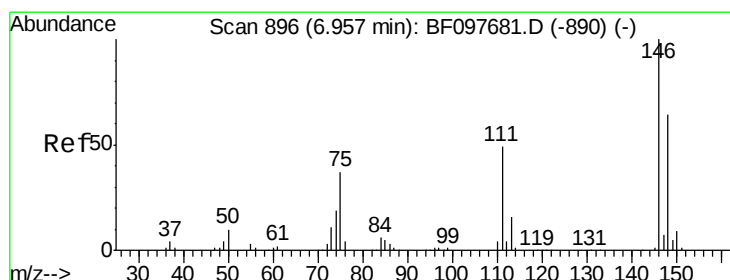
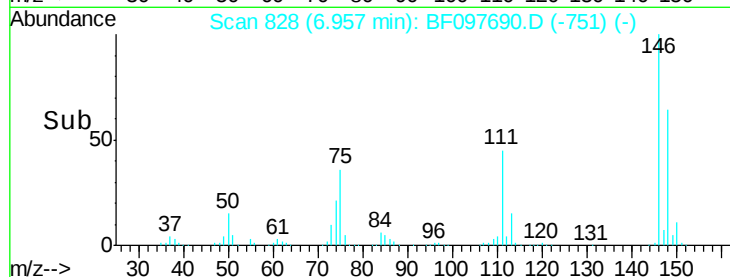
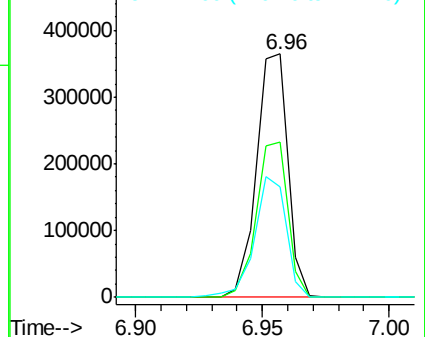
111 45.3 30.3 45.5



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: 36.04 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

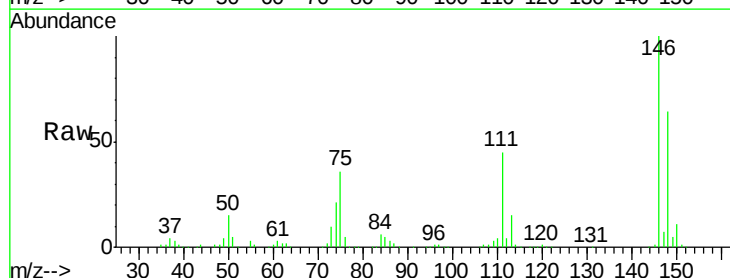
Tgt Ion:146 Resp: 317487

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

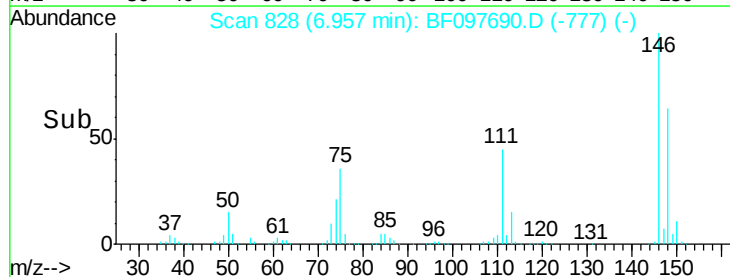
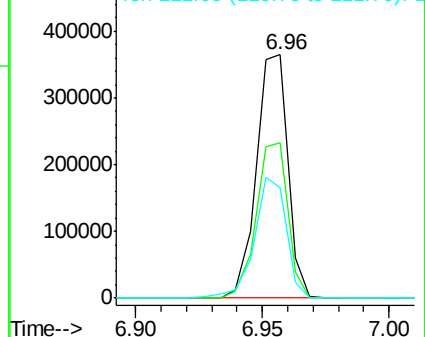
111 45.3 38.2 57.4

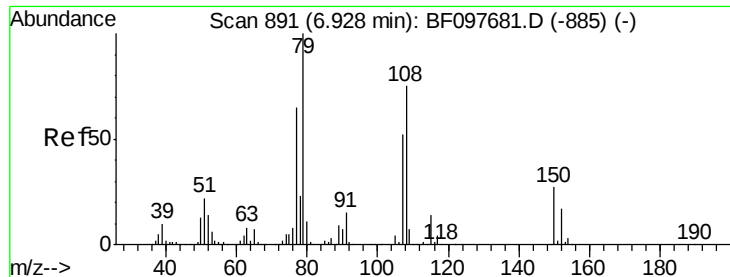


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.04 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

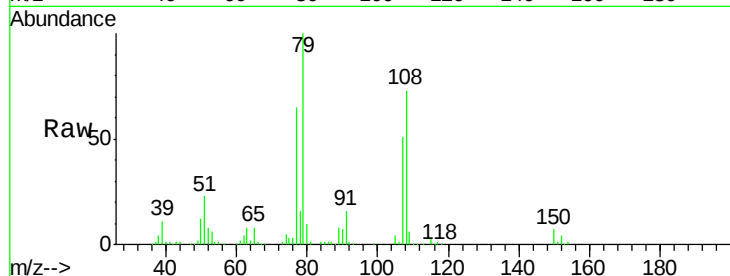
Tot Ion: 79 Resp: 345659

Ion Ratio Lower Upper

79 100

108 73.4 63.4 95.0

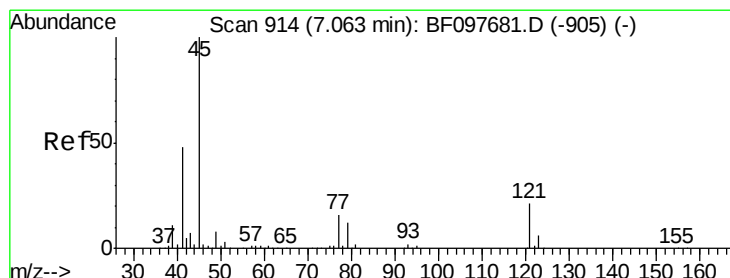
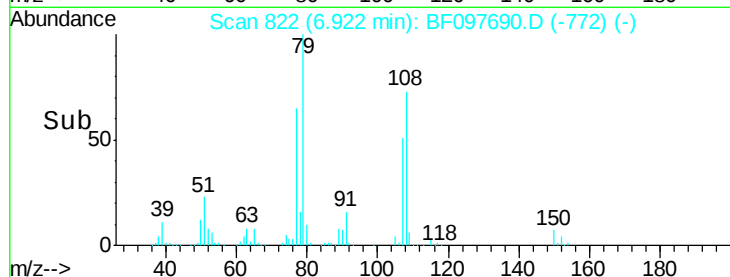
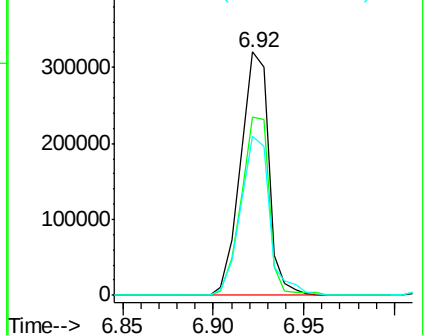
77 65.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.54 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

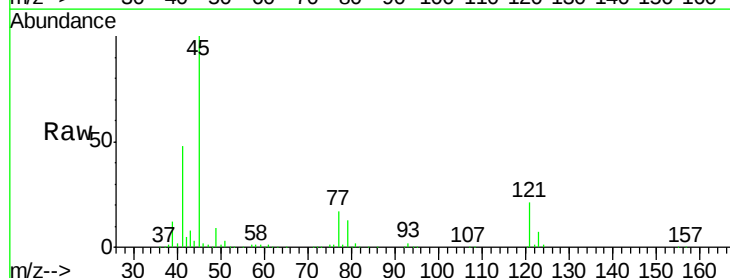
Tgt Ion: 45 Resp: 501557

Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

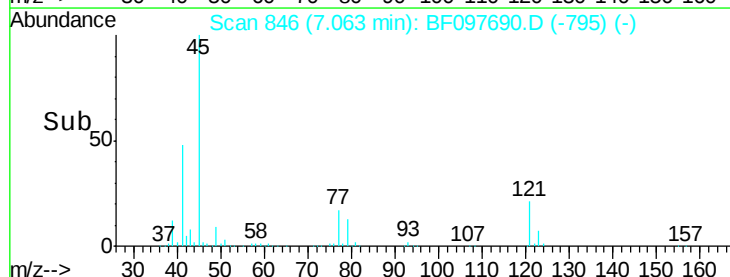
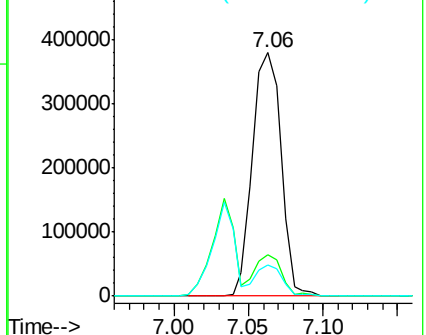
79 12.6 0.0 30.0

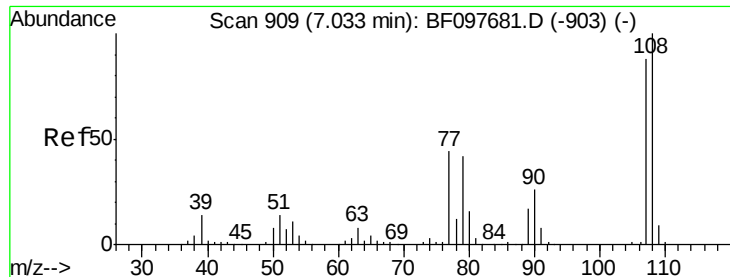


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

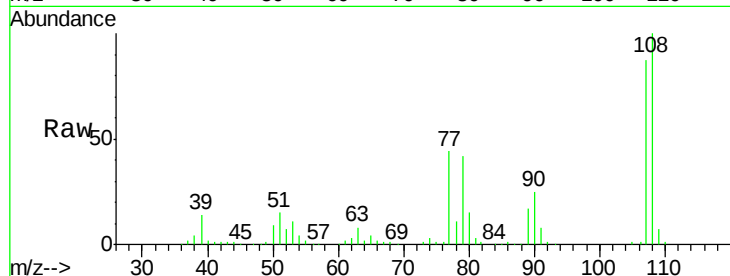




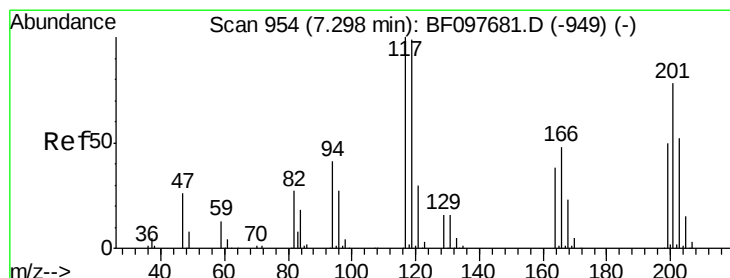
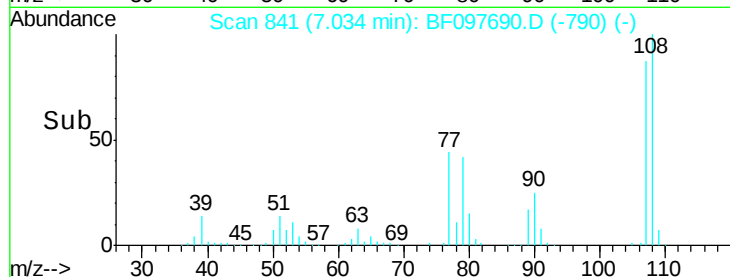
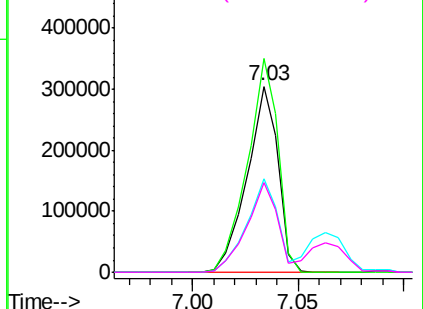
#17
2-Methylphenol
Concen: 40.24 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:	107	Resp:	309685
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	50.1	35.8	53.6
79	47.9	34.8	52.2

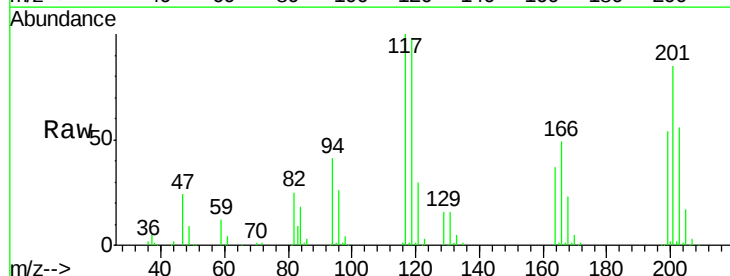


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

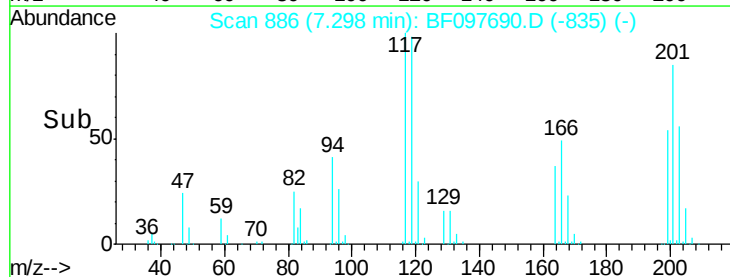
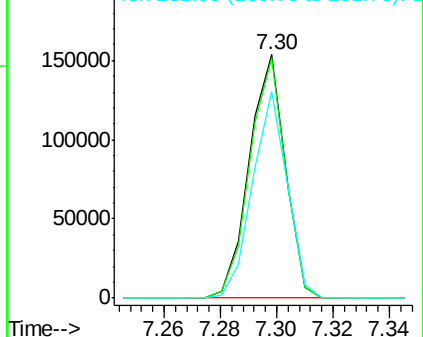


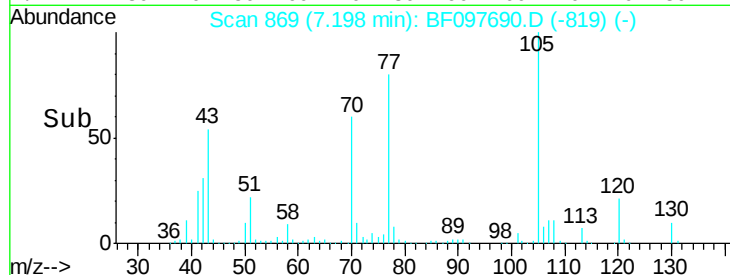
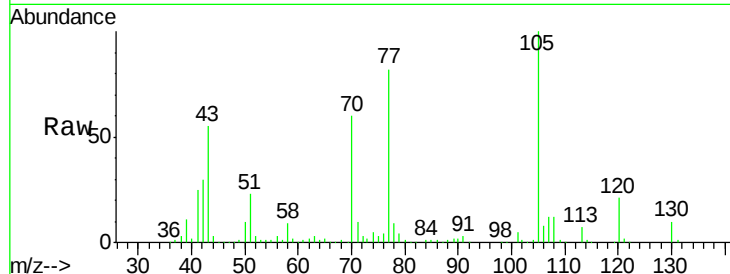
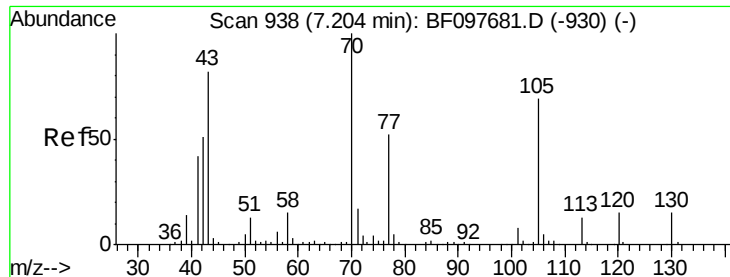
#18
Hexachloroethane
Concen: 36.34 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:	117	Resp:	136122
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	84.8	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

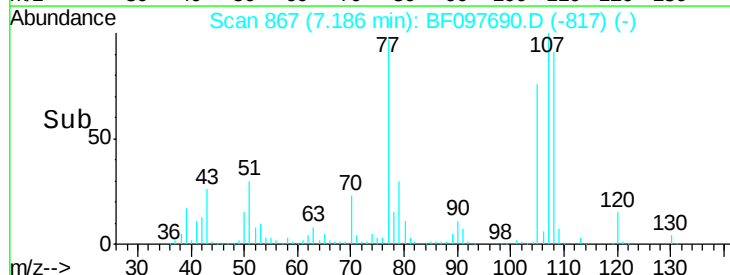
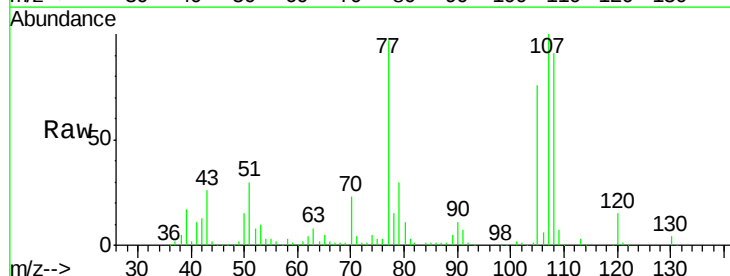
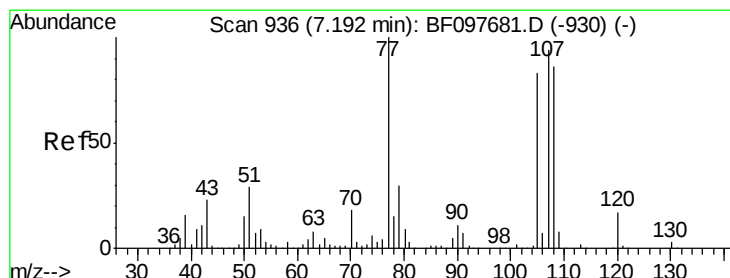
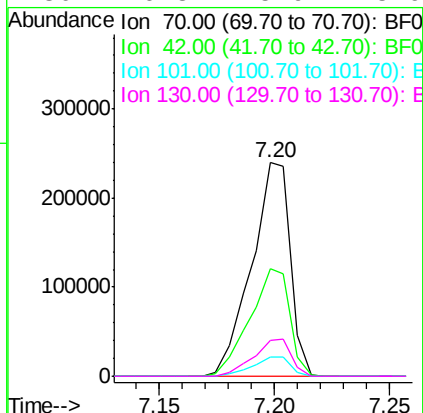




#19
n-Nitroso-di-n-propylamine
Concen: 36.50 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

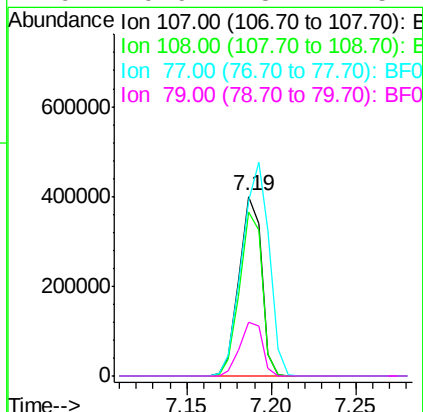
Instrument :
BNA_F
ClientSampleId :
PB101481BS

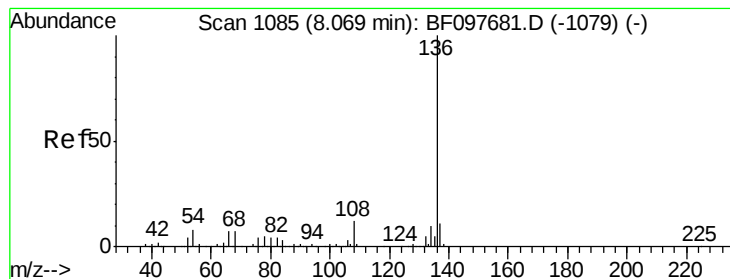
Tot Ion:	70	Resp:	281134
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.2	70.8
101	8.8	7.2	10.8
130	16.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.46 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:	107	Resp:	370892
Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.0	111.0
77	97.4	90.5	130.5
79	29.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

Tot Ion:136 Resp: 513724

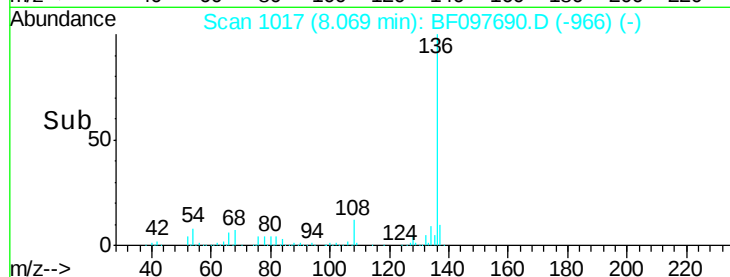
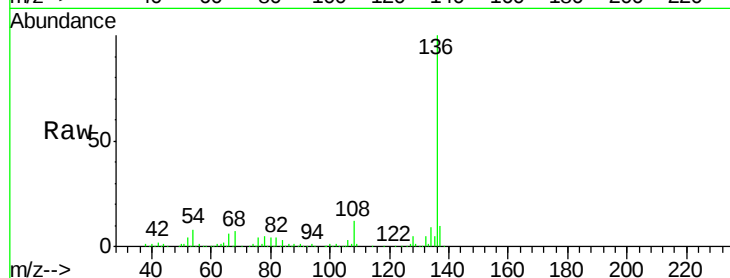
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

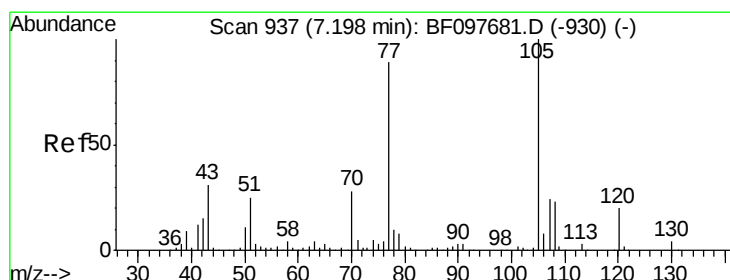
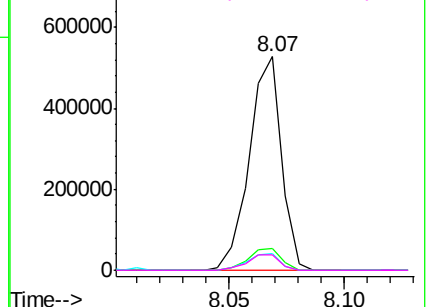


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.70 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Tgt Ion:105 Resp: 498081

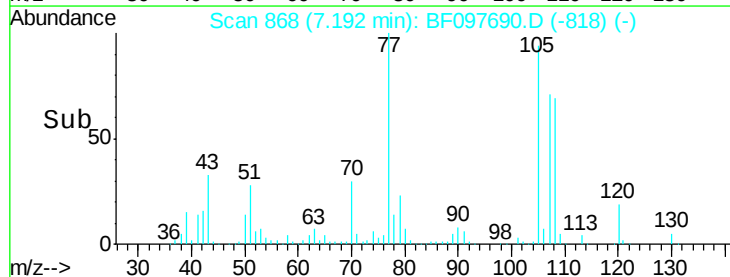
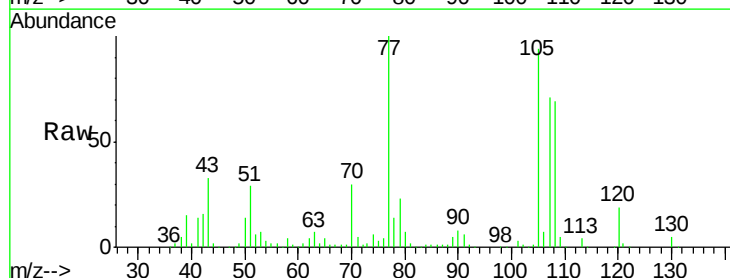
Ion Ratio Lower Upper

105 100

71 5.1 2.8 4.2#

51 30.5 30.7 46.1#

120 19.9 17.4 26.0

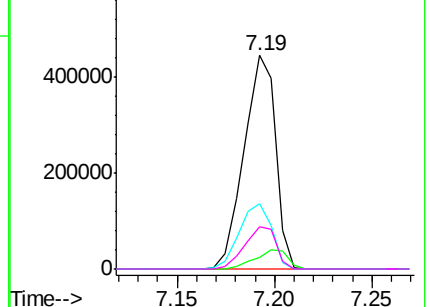


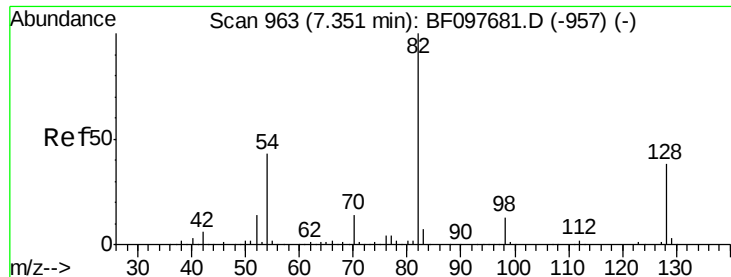
Abundance Ion 105.00 (104.70 to 105.70): E

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

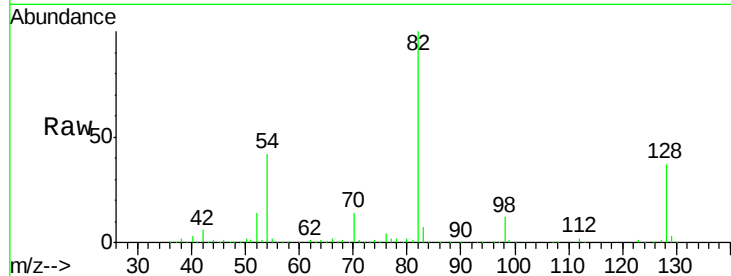




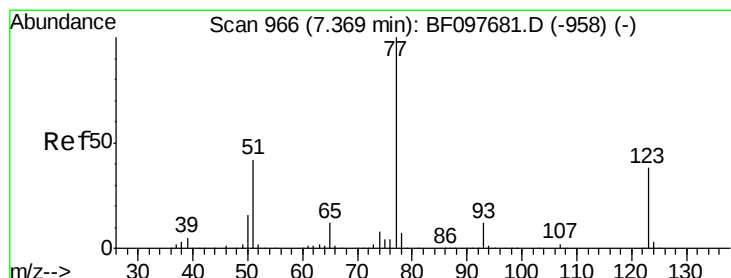
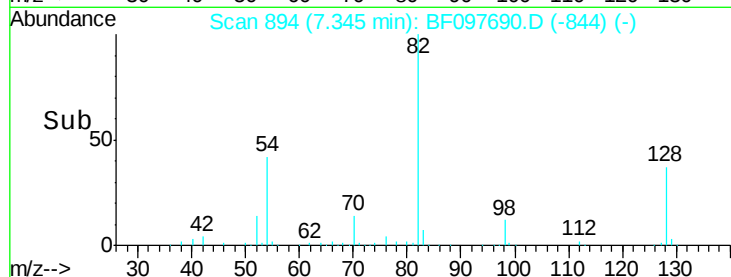
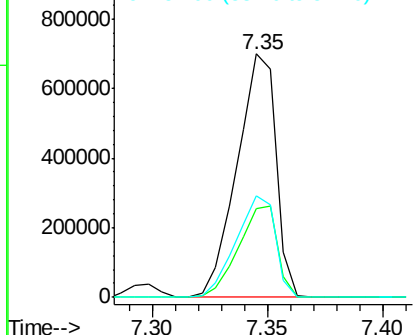
#23
Nitrobenzene-d5
Concen: 87.02 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion: 82 Resp: 822921
Ion Ratio Lower Upper
82 100
128 36.6 34.0 51.0
54 41.9 42.2 63.2#

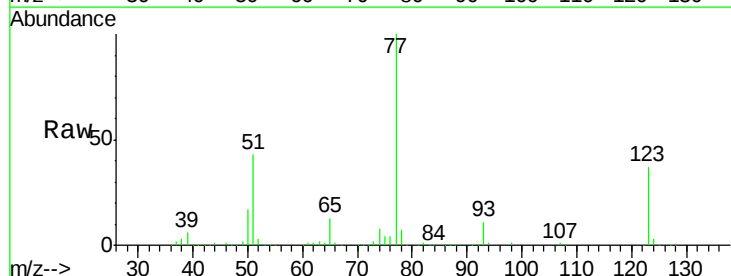


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

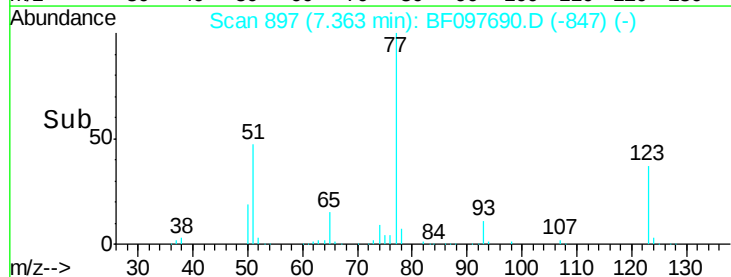
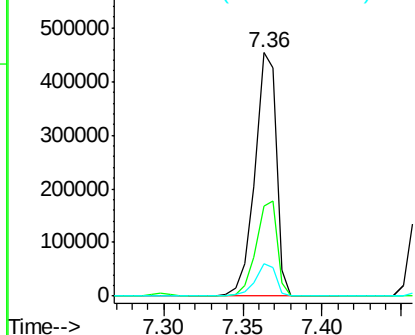


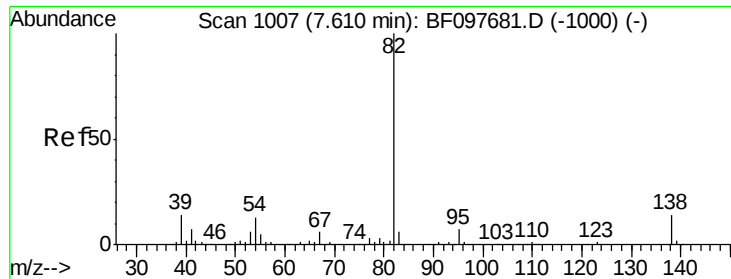
#24
Nitrobenzene
Concen: 40.56 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion: 77 Resp: 427102
Ion Ratio Lower Upper
77 100
123 36.9 35.8 53.8
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.47 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

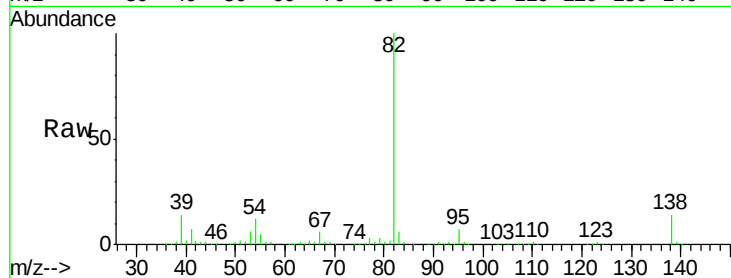
Tot Ion: 82 Resp: 776041

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

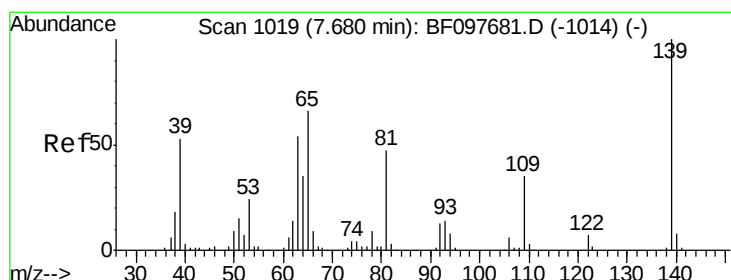
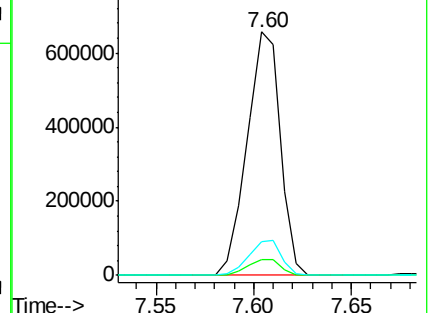
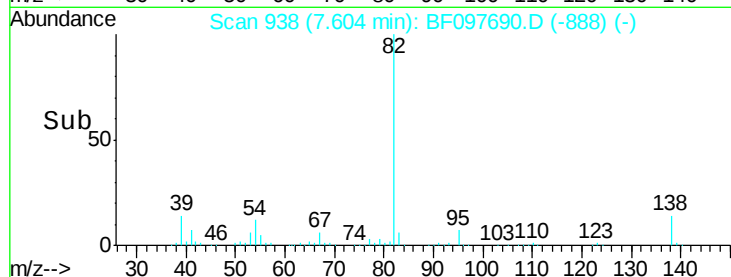
138 13.8 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.97 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

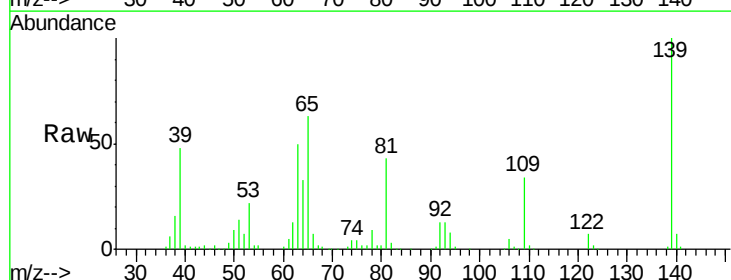
Tgt Ion: 139 Resp: 153010

Ion Ratio Lower Upper

139 100

109 34.0 21.0 31.6#

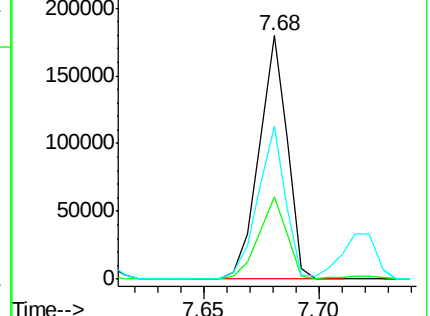
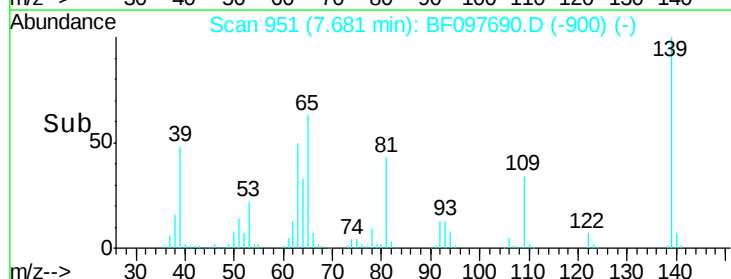
65 62.8 33.0 49.6#

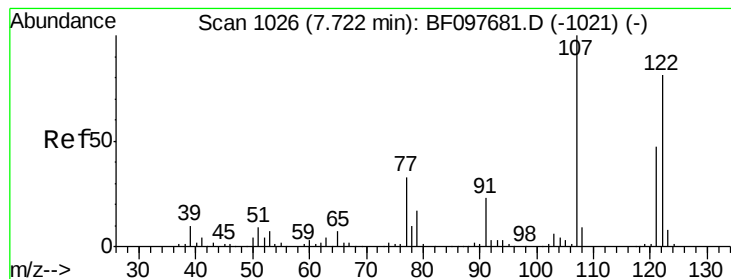


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.01 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

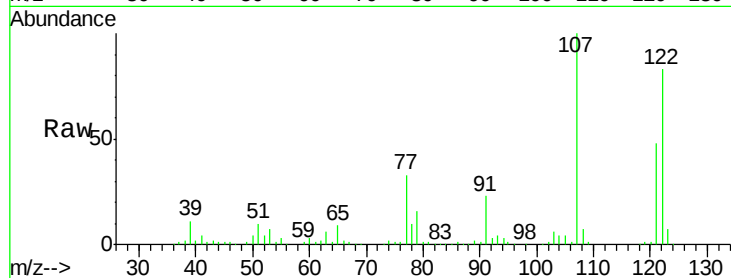
Tot Ion:122 Resp: 311729

Ion Ratio Lower Upper

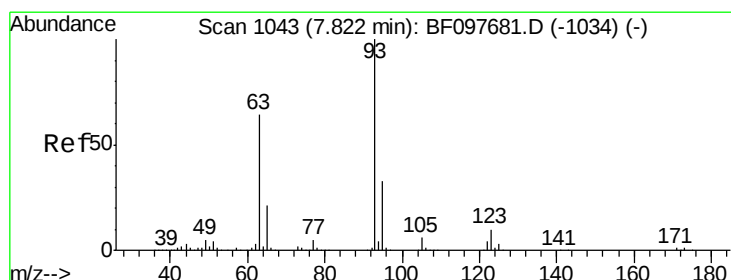
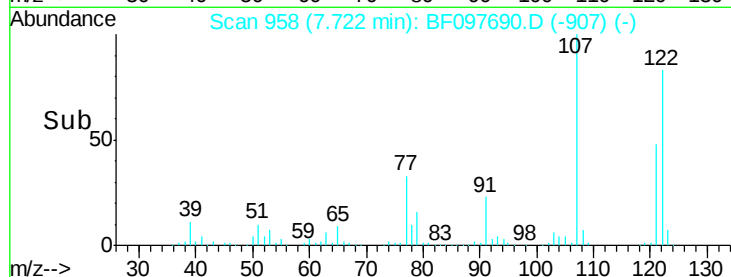
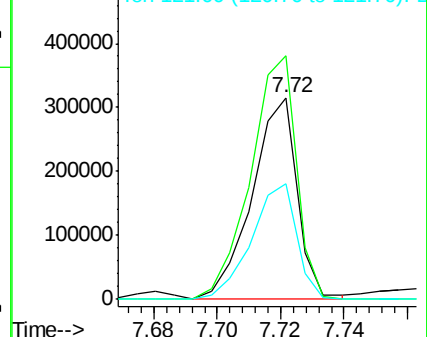
122 100

107 120.8 89.2 133.8

121 57.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.85 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

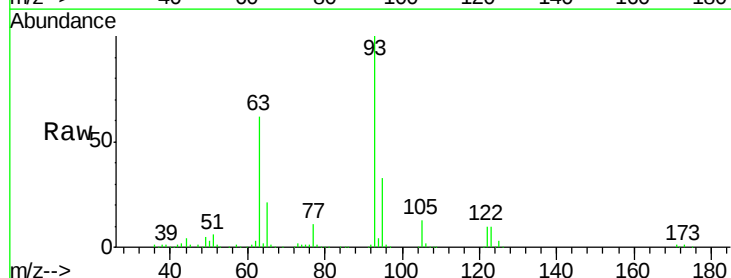
Tgt Ion: 93 Resp: 476333

Ion Ratio Lower Upper

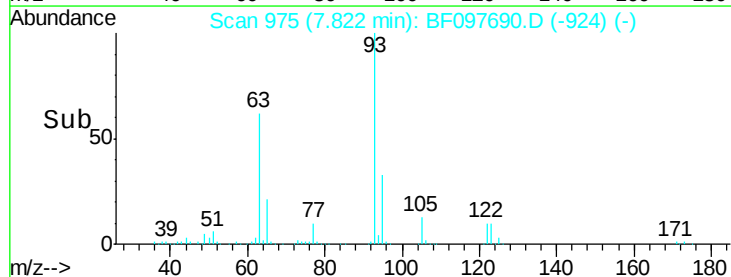
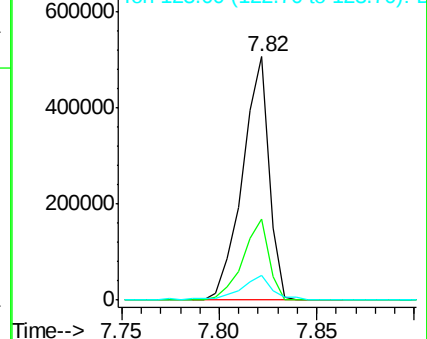
93 100

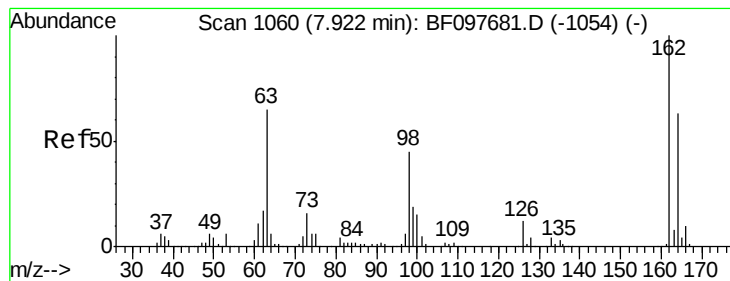
95 33.2 26.5 39.7

123 10.3 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.11 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

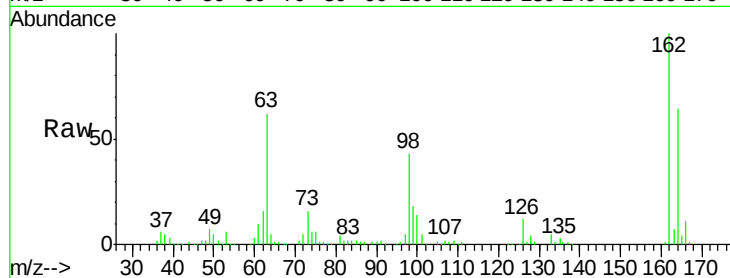
Tot Ion:162 Resp: 266239

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

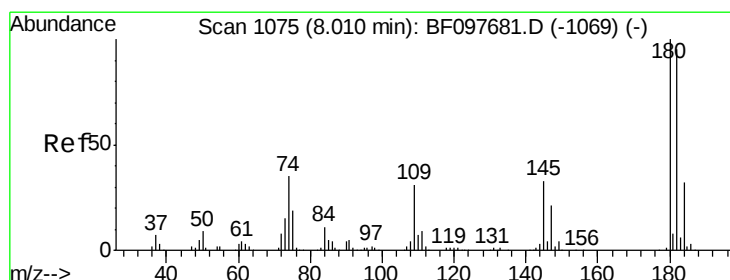
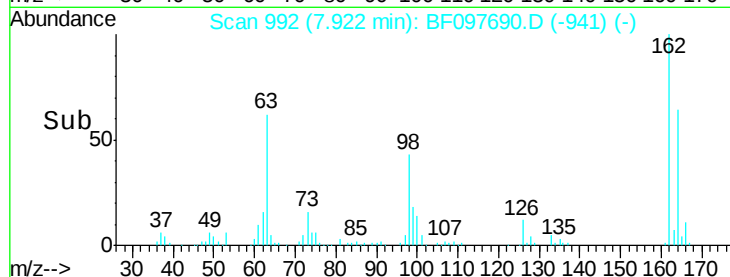
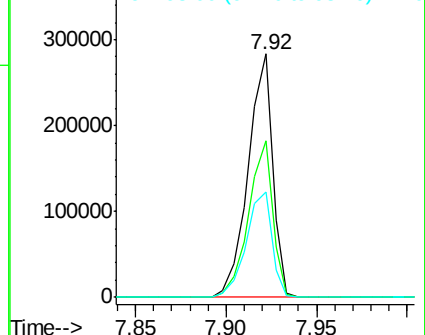
98 43.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.43 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

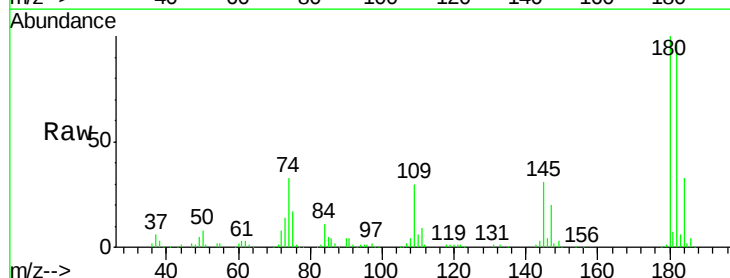
Tgt Ion:180 Resp: 267364

Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

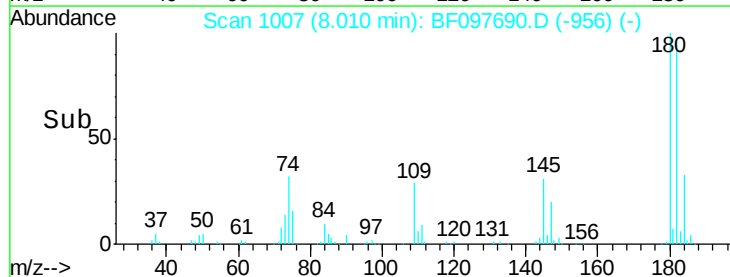
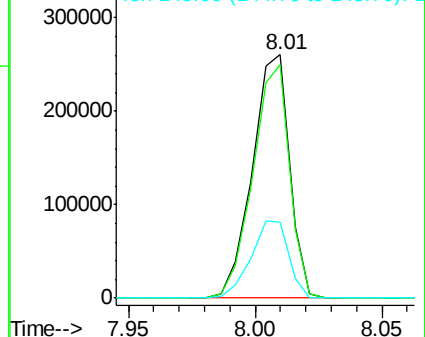
145 31.2 25.3 37.9

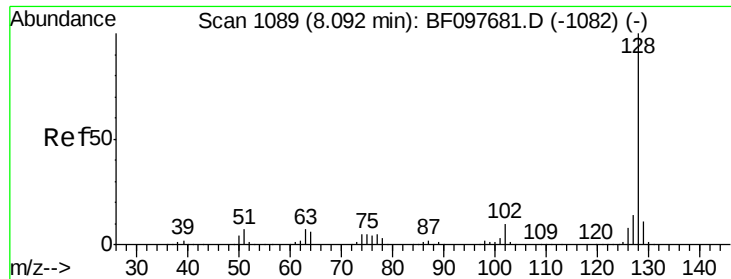


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

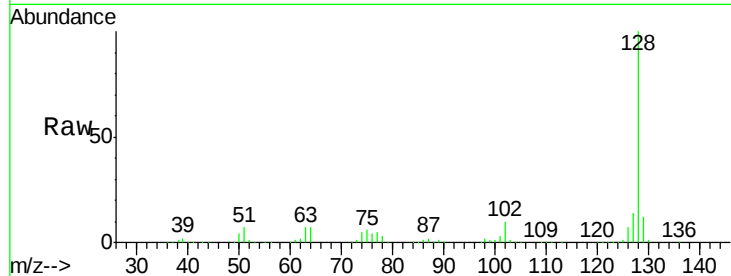




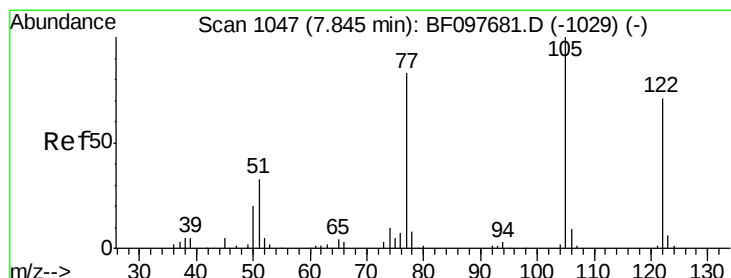
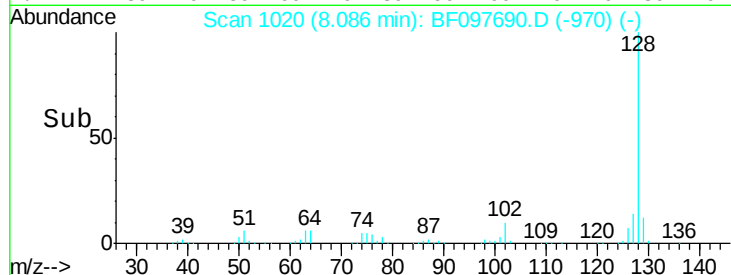
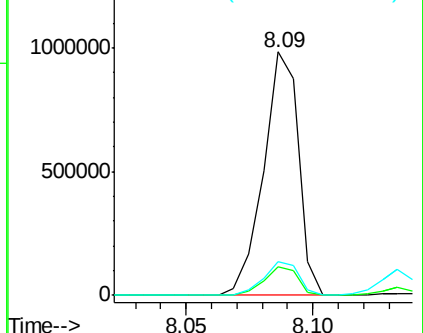
#31
Naphthalene
Concen: 35.71 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:128 Resp: 952492
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 10.8 16.2

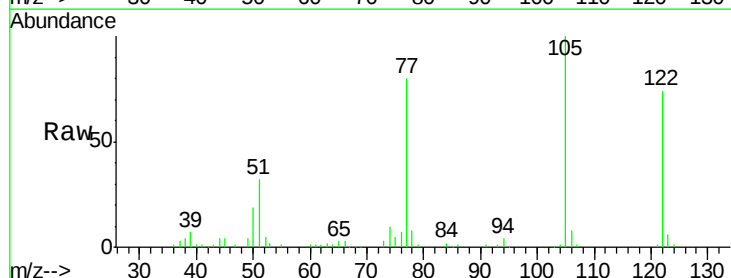


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

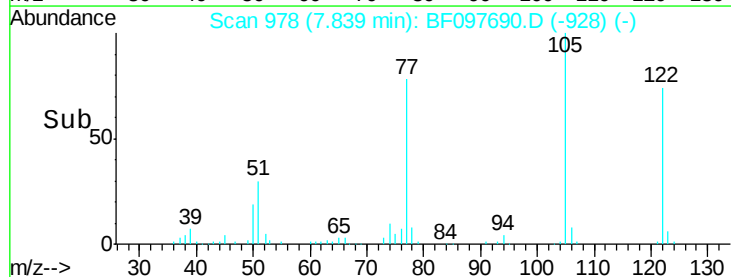
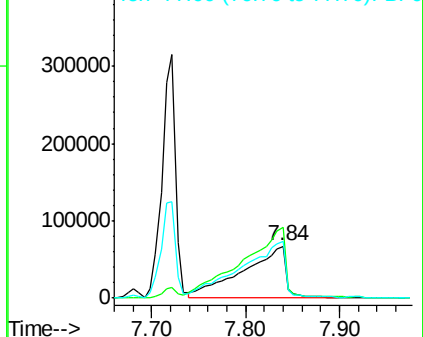


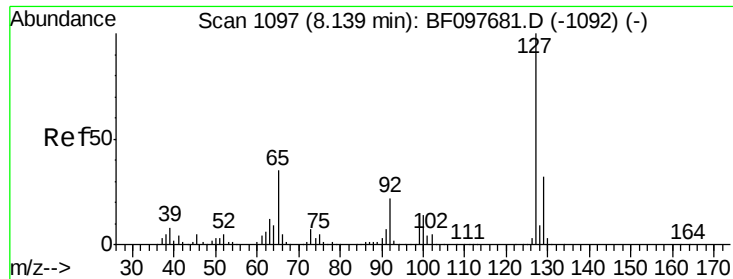
#32
Benzoic acid
Concen: 36.89 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:122 Resp: 210234
Ion Ratio Lower Upper
122 100
105 135.8 103.3 143.3
77 109.2 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

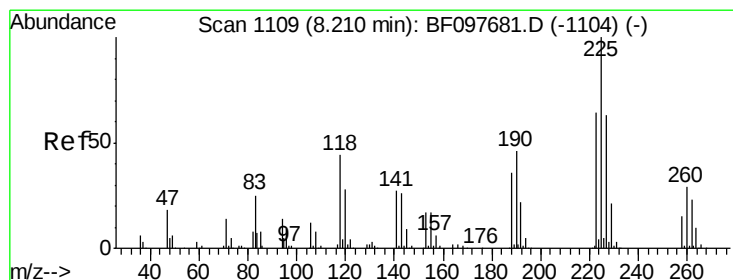
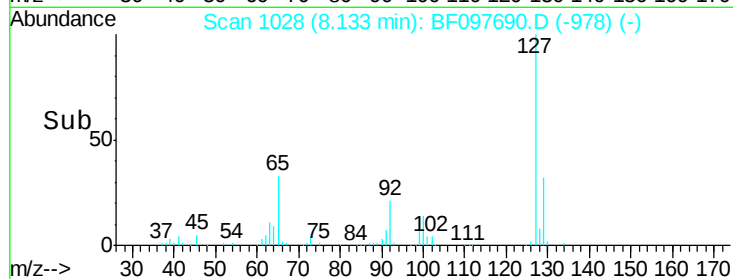
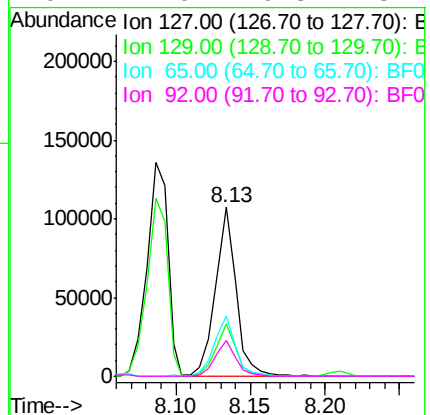
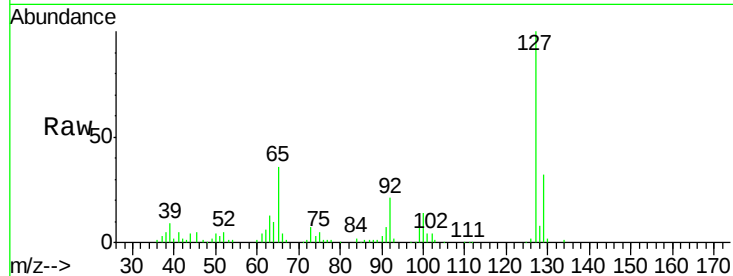




#33
4-Chloroaniline
Concen: 9.22 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

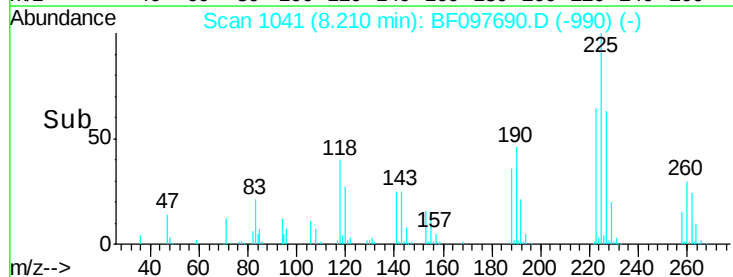
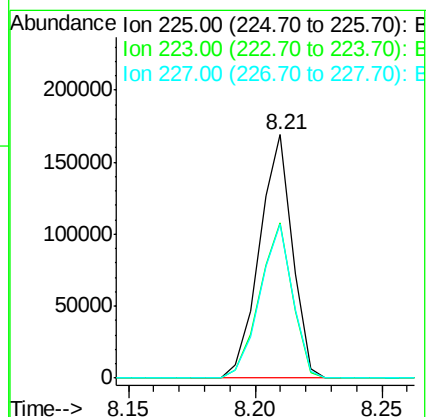
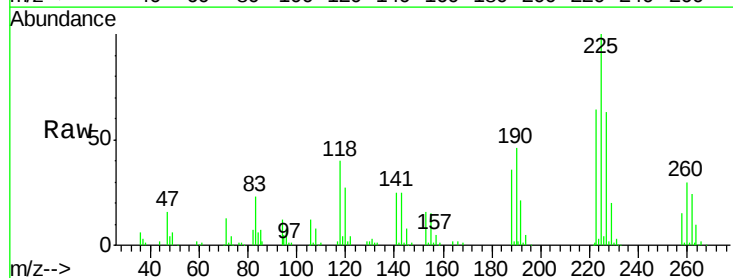
Instrument :
BNA_F
ClientSampleId :
PB101481BS

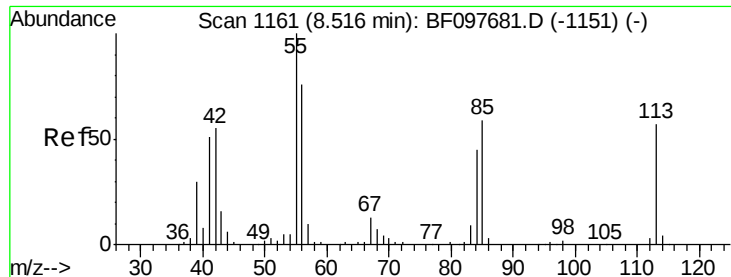
Tot Ion:	127	Resp:	103715
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	36.1	27.8	41.8
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.54 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:	225	Resp:	152175
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	63.1	51.1	76.7

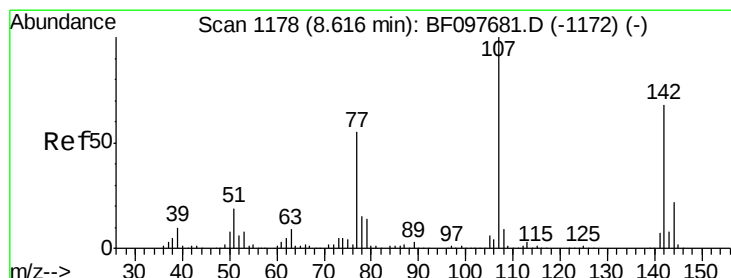
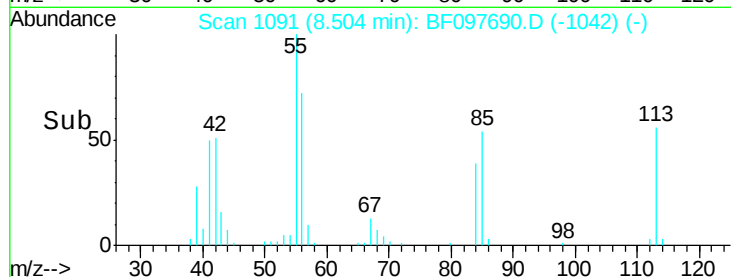
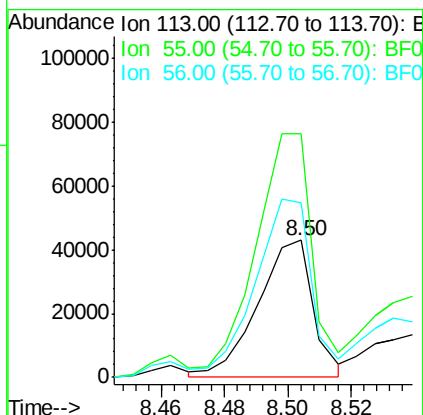
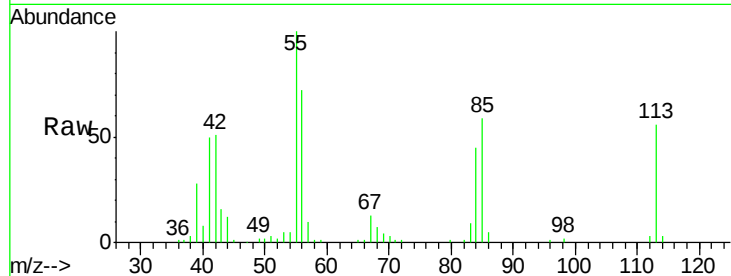




#35
 Caprolactam
 Concen: 22.57 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

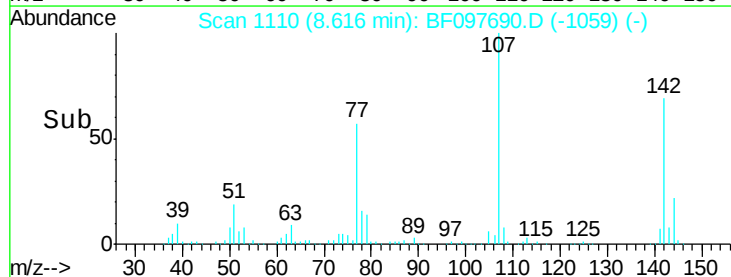
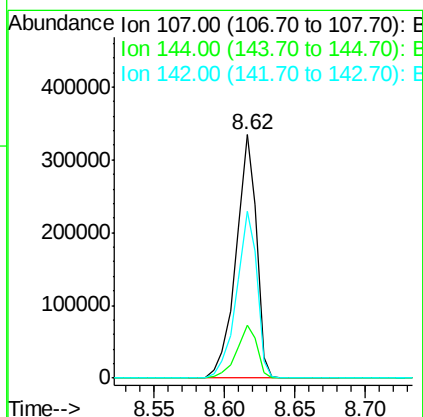
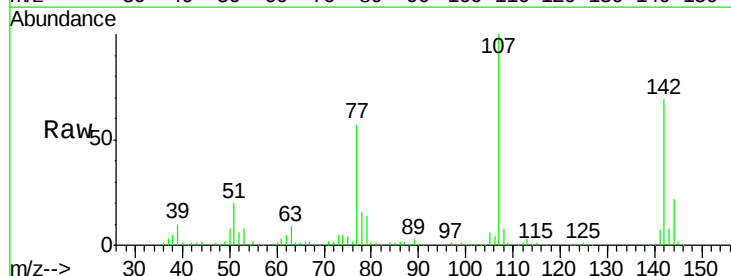
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

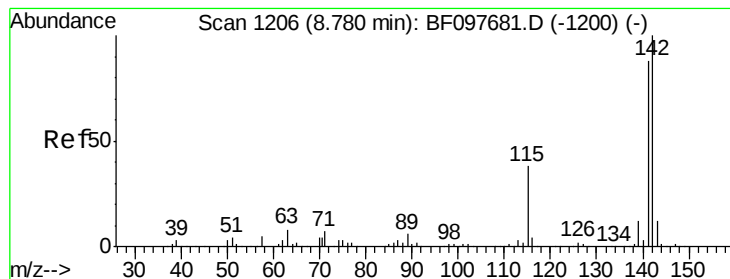
Tot Ion:113 Resp: 52242
 Ion Ratio Lower Upper
 113 100
 55 177.6 150.2 190.2
 56 127.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 38.46 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:107 Resp: 336345
 Ion Ratio Lower Upper
 107 100
 144 21.9 24.2 36.4#
 142 68.5 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 38.10 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

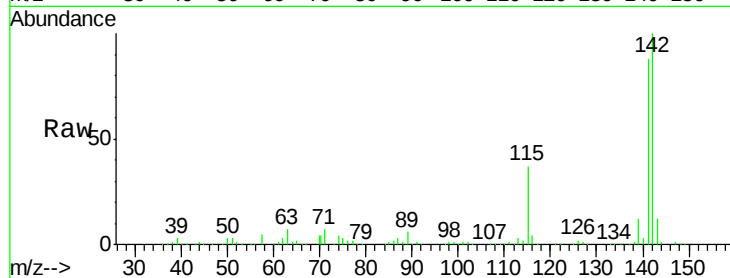
Tot Ion:142 Resp: 622921

Ion Ratio Lower Upper

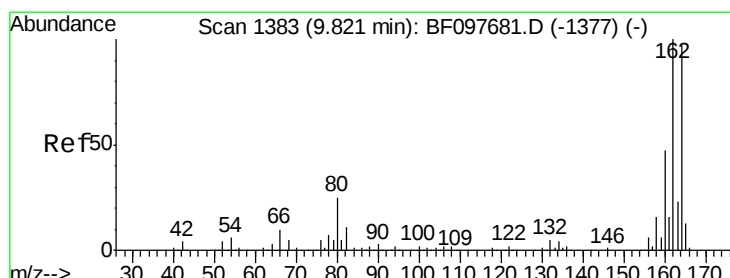
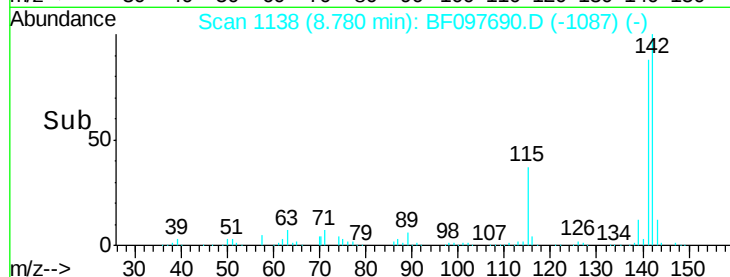
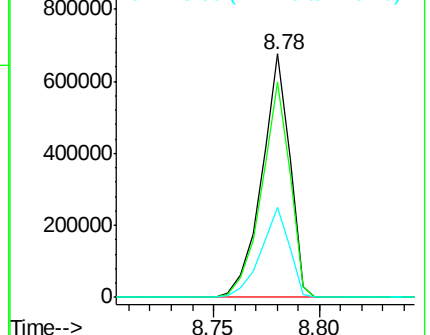
142 100

141 88.5 71.3 106.9

115 37.0 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

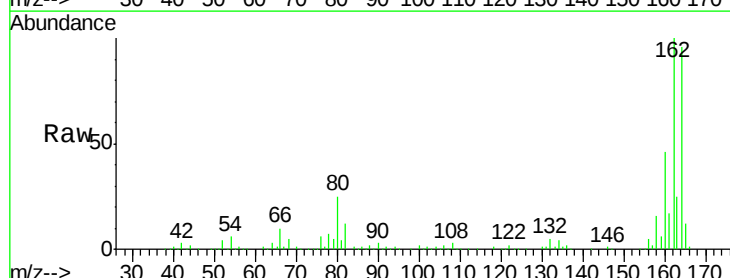
Tgt Ion:164 Resp: 239326

Ion Ratio Lower Upper

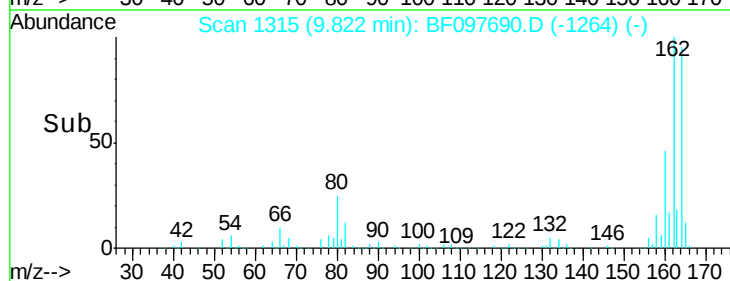
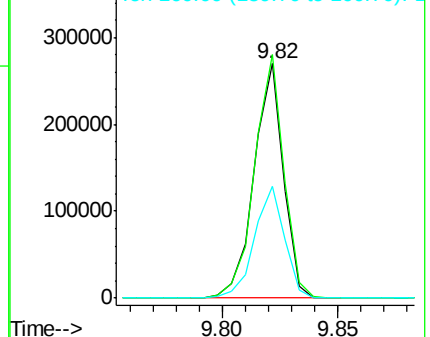
164 100

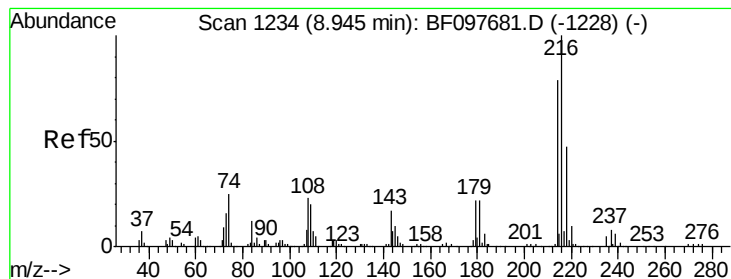
162 103.9 82.6 123.8

160 47.6 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.92 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

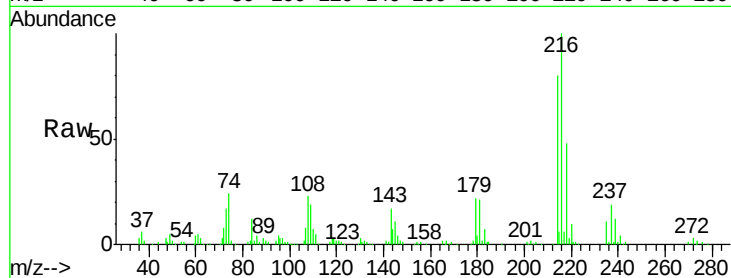
Instrument :

BNA_F

ClientSampleId :

PB101481BS

Tot Ion:	216	Resp:	241763
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	21.8	17.9	26.9
108	27.5	16.5	24.7#

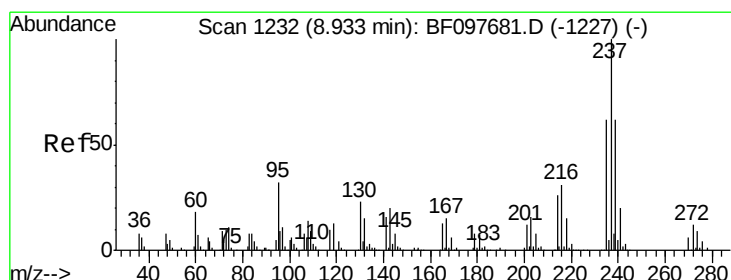
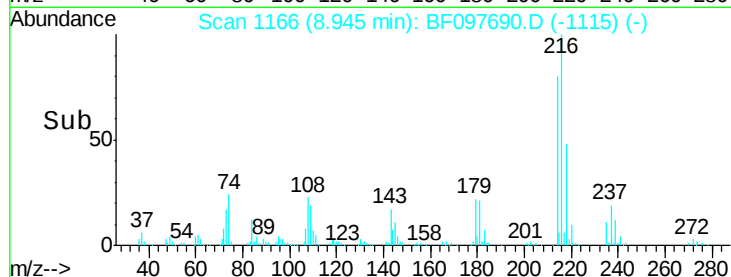
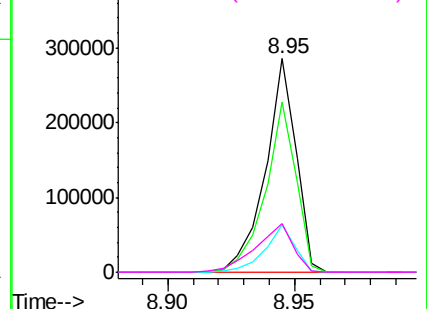


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.86 ng

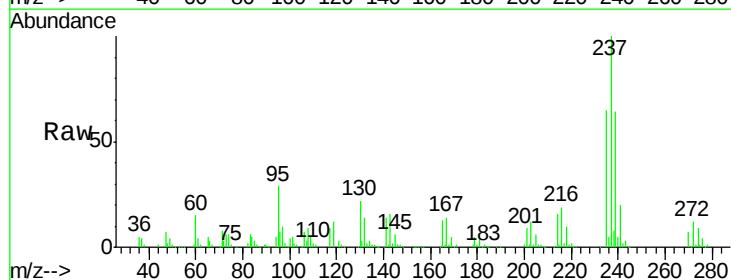
RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

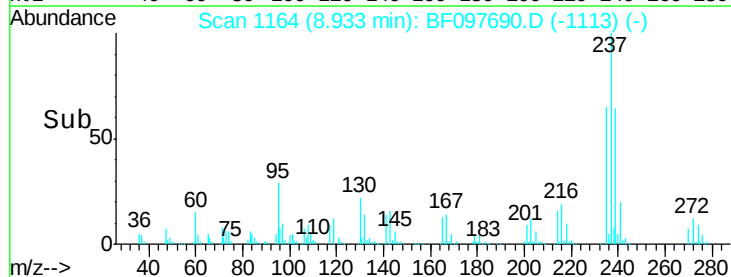
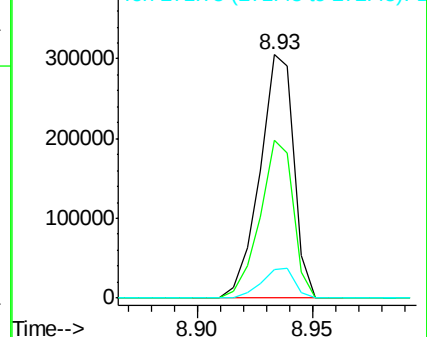
Tgt Ion:	237	Resp:	313550
Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.6	82.6
272	11.9	0.0	31.9

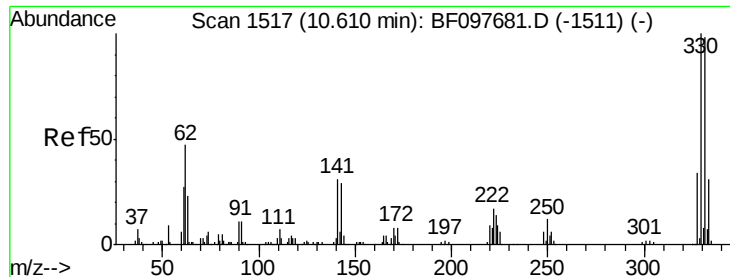


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

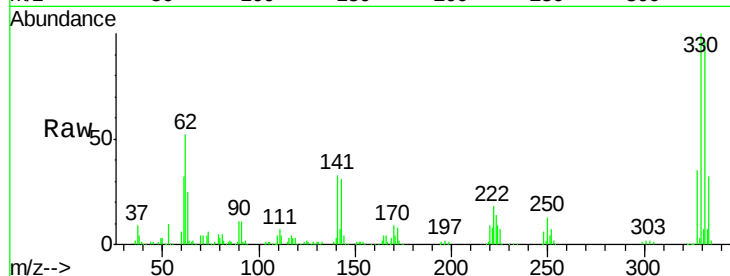




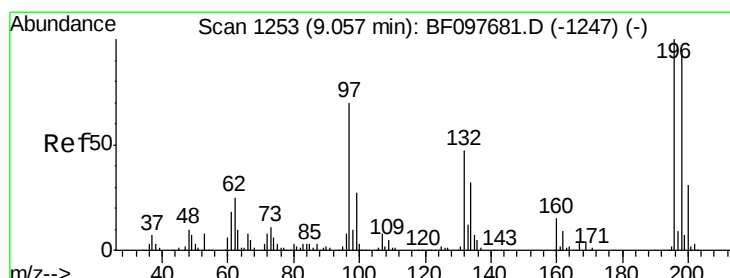
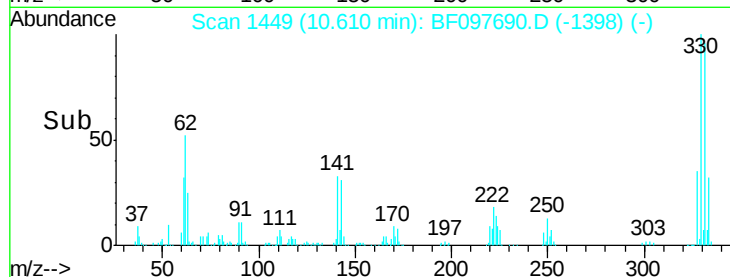
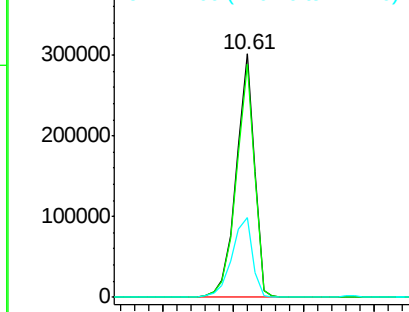
#41
 2,4,6-Tribromophenol
 Concen: 129.63 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

Tot Ion:330 Resp: 269181
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 37.3 31.4 47.2

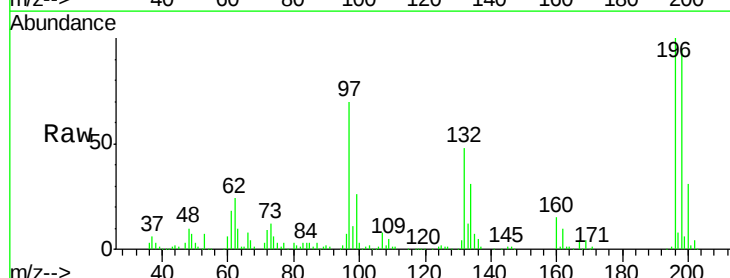


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

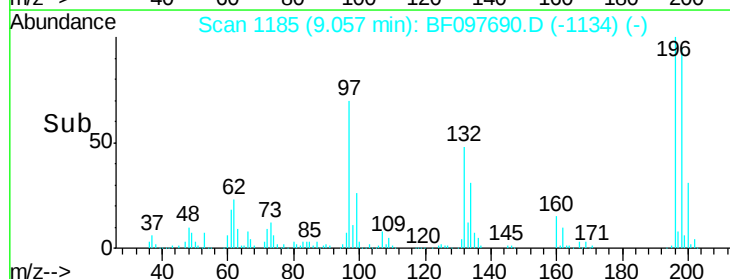
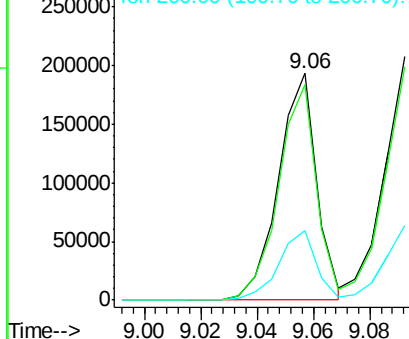


#42
 2,4,6-Trichlorophenol
 Concen: 36.74 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:196 Resp: 181149
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 30.9 24.0 36.0



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

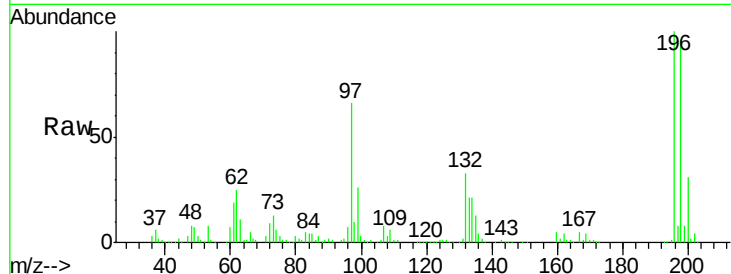




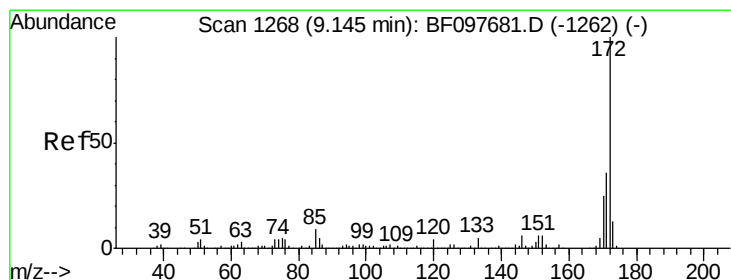
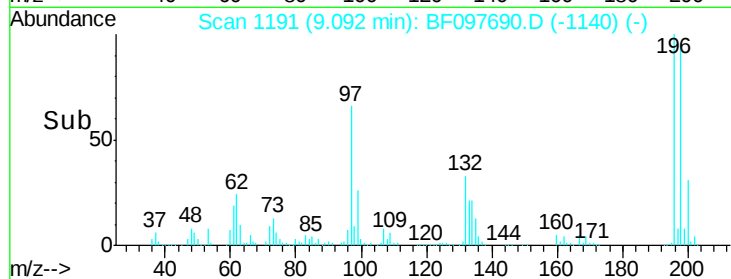
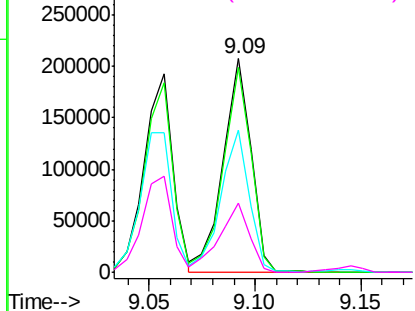
#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

Tot Ion:	196	Resp:	189912
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	66.3	47.7	71.5
132	32.5	28.0	42.0

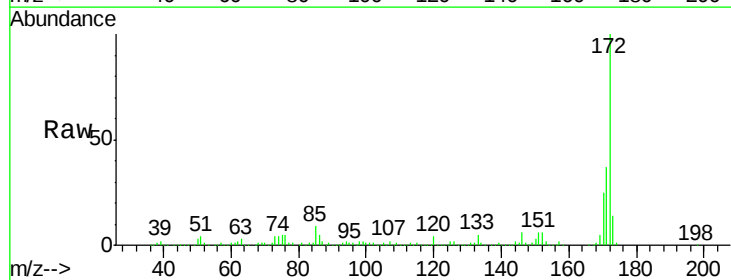


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

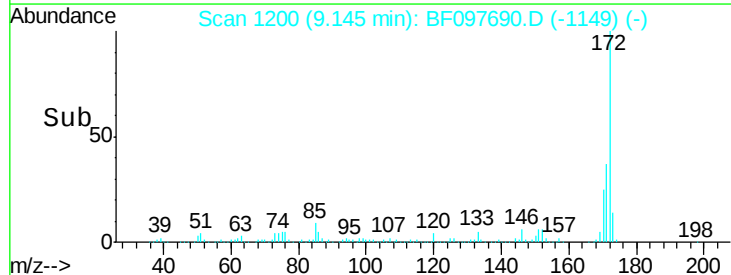
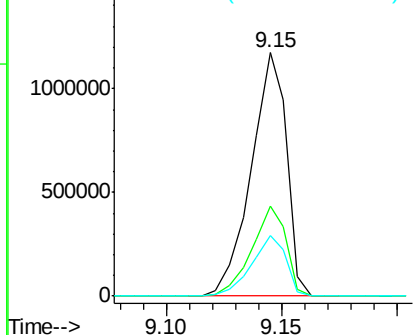


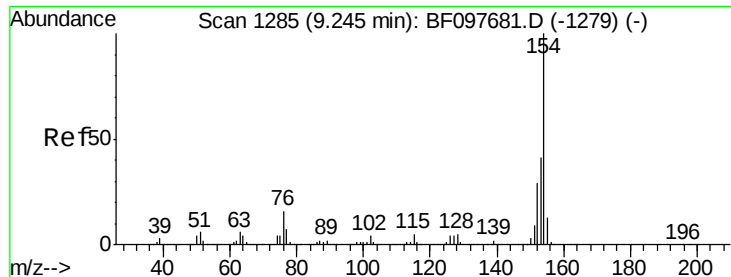
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:	172	Resp:	1252121
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.7	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 34.24 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

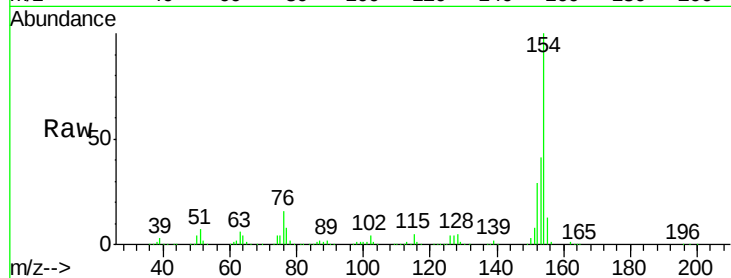
Tot Ion:154 Resp: 747166

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

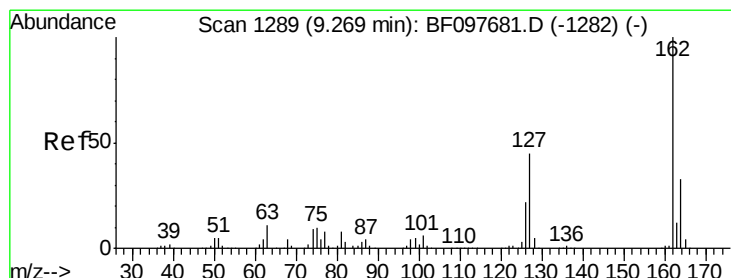
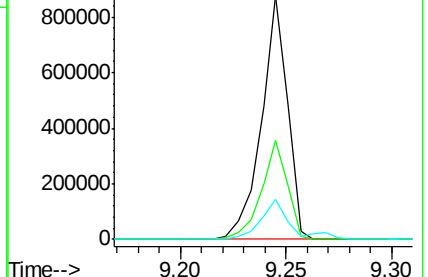
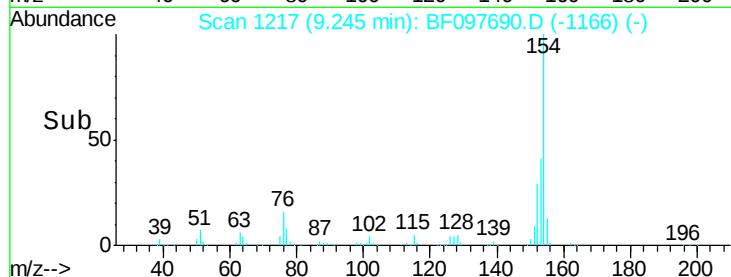
76 16.4 0.0 29.9



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: 34.22 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

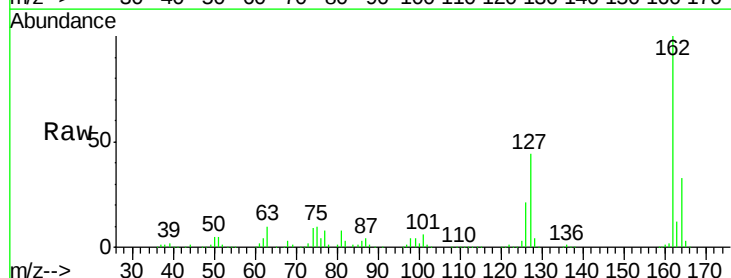
Tgt Ion:162 Resp: 551884

Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

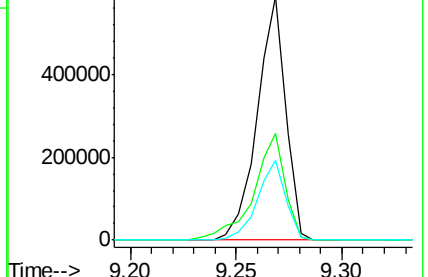
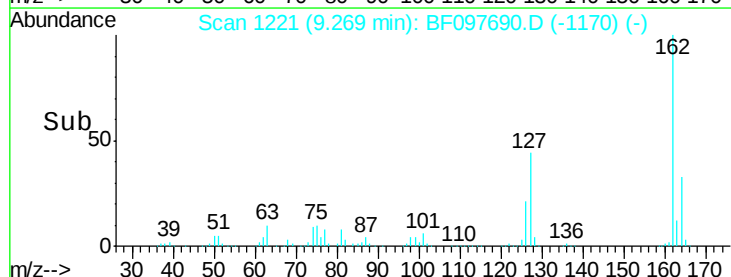
164 32.6 27.0 40.4

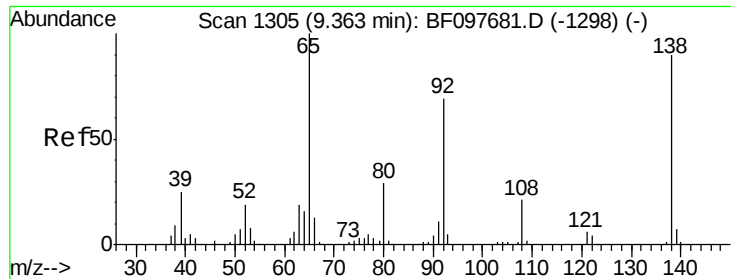


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

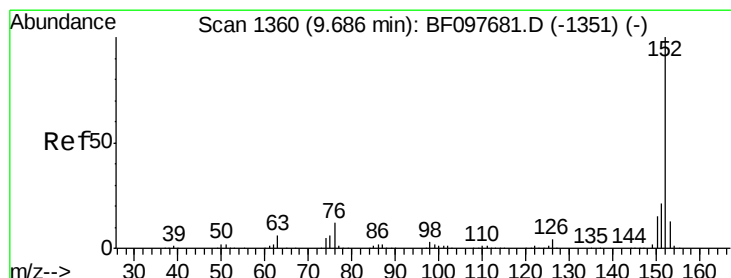
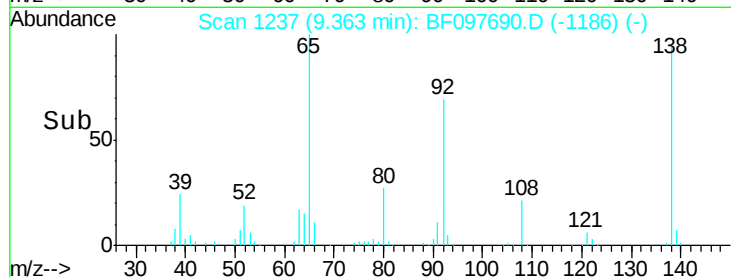
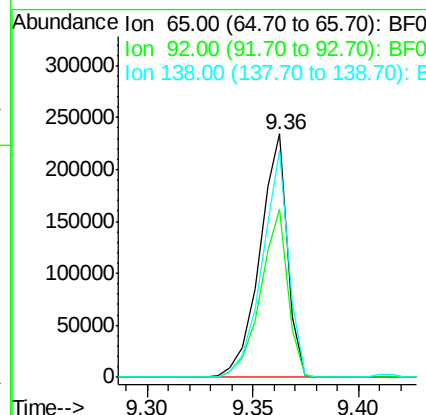
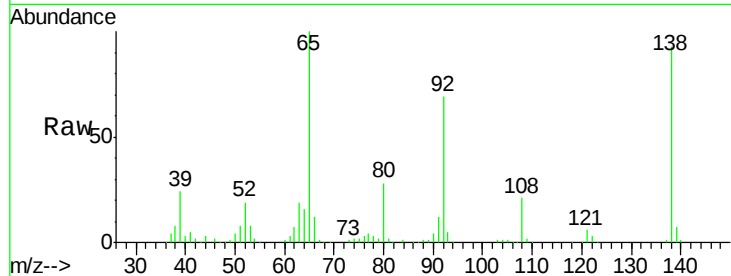




#47
 2-Nitroaniline
 Concen: 39.45 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

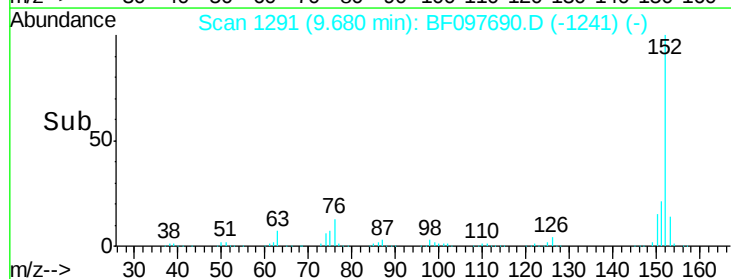
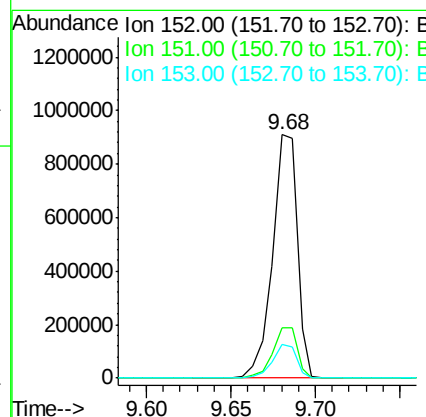
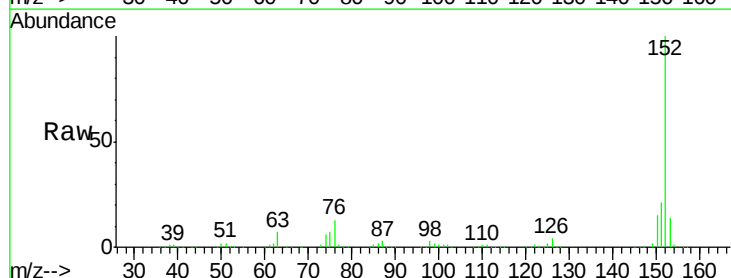
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

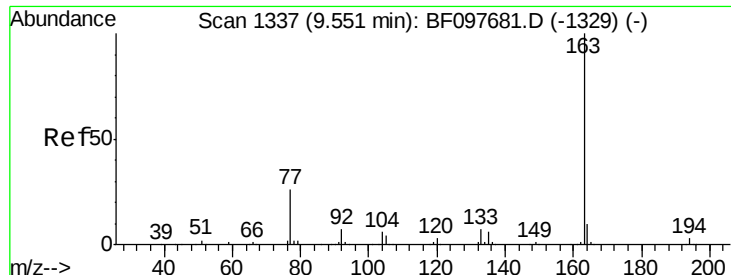
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.9	80.9
138	93.4	78.8	118.2



#48
 Acenaphthylene
 Concen: 36.35 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.6	10.8	16.2

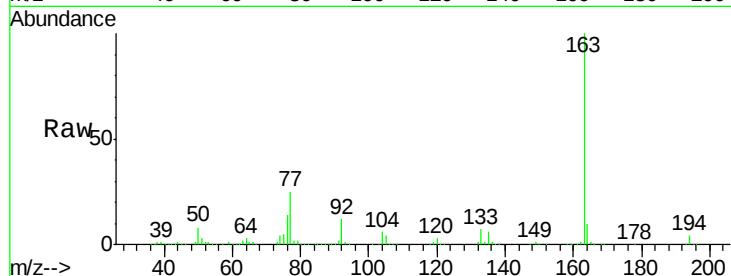




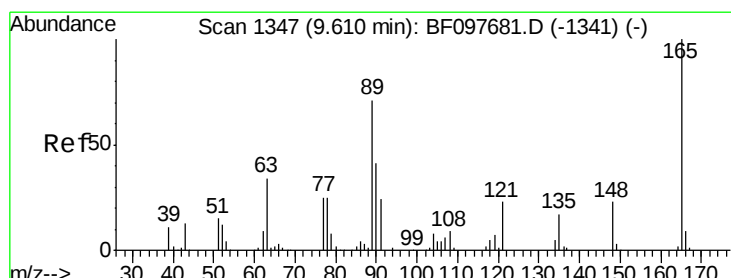
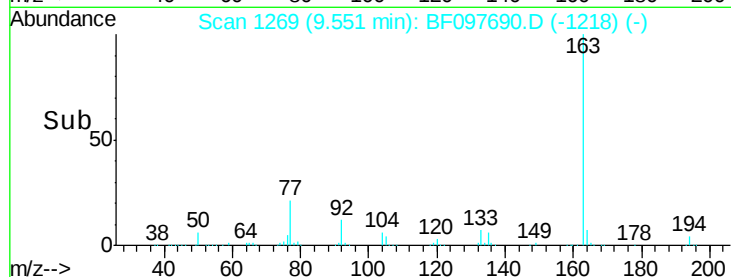
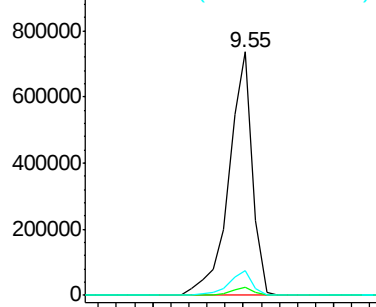
#49
Dimethylphthalate
Concen: 37.68 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:163 Resp: 659123
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.4 12.6

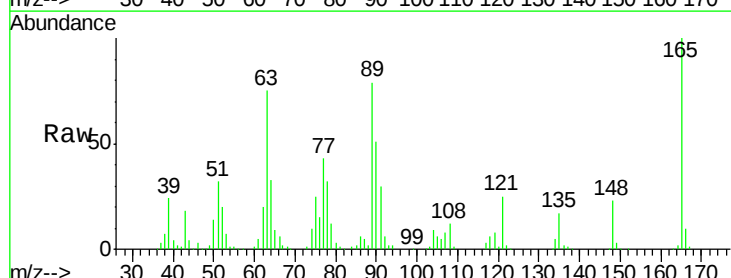


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

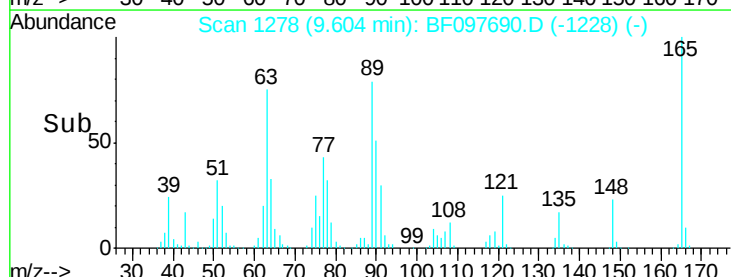
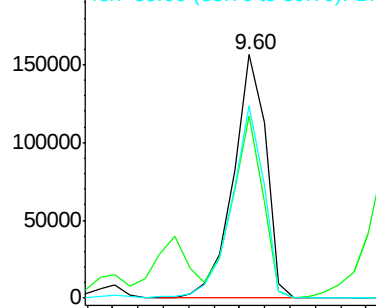


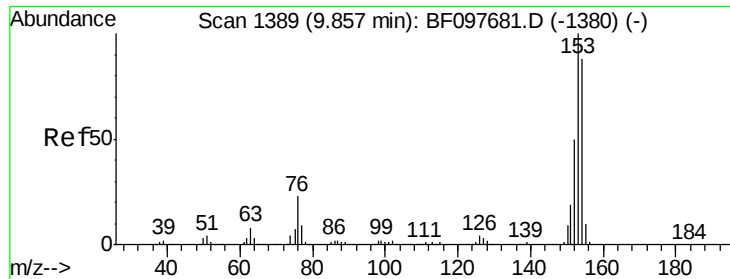
#50
2,6-Dinitrotoluene
Concen: 40.61 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:165 Resp: 141797
Ion Ratio Lower Upper
165 100
63 75.0 34.3 51.5#
89 79.3 37.1 55.7#



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





#51

Acenaphthene

Concen: 38.48 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

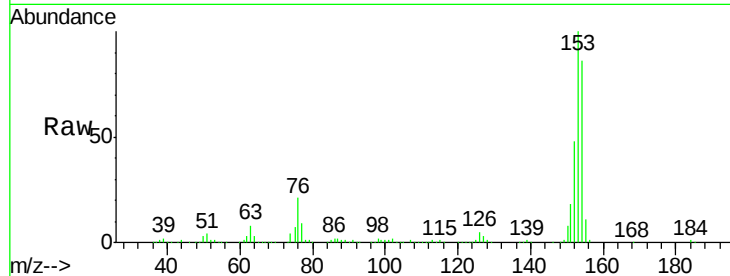
Tot Ion:154 Resp: 614513

Ion Ratio Lower Upper

154 100

153 116.0 90.5 135.7

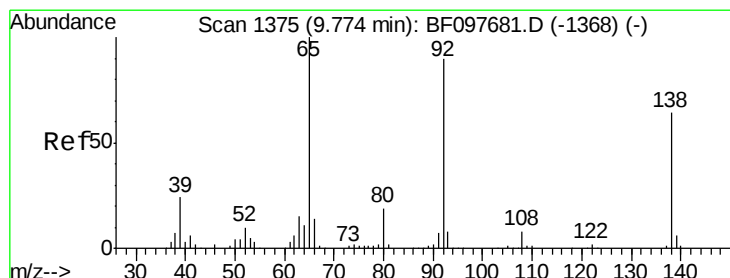
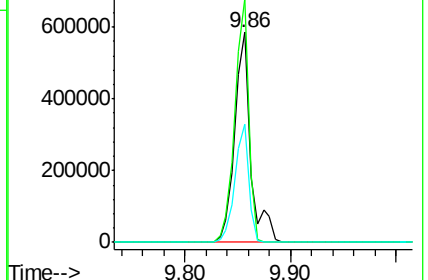
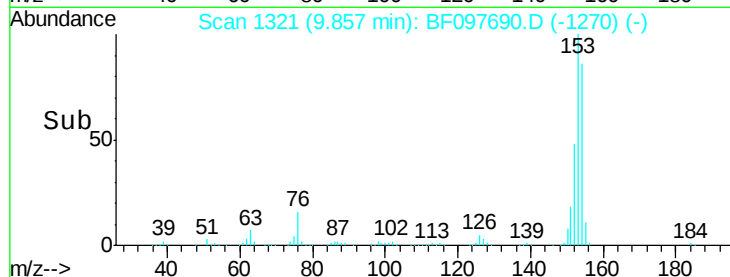
152 56.2 43.6 65.4



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: 18.71 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

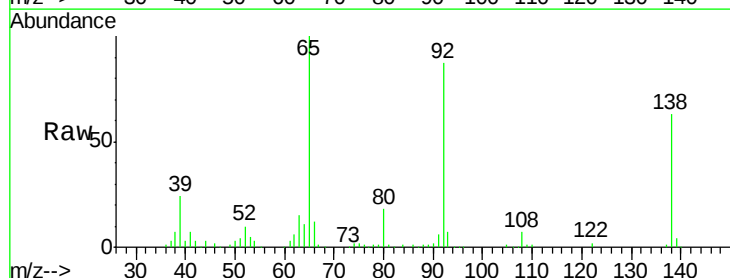
Tgt Ion:138 Resp: 84297

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

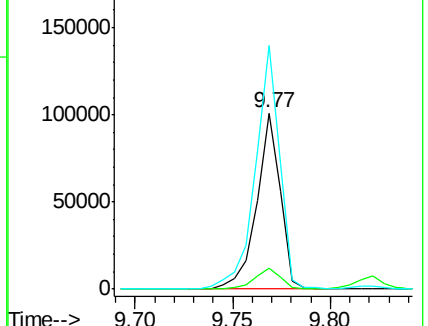
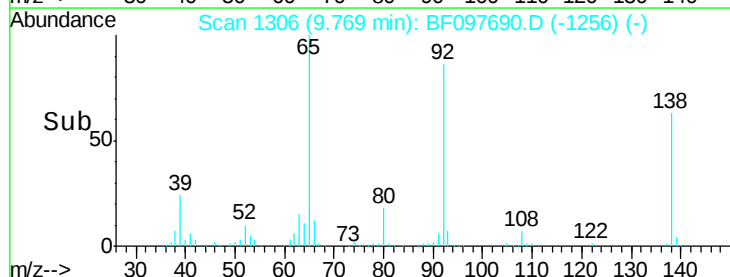
92 138.2 93.8 140.6

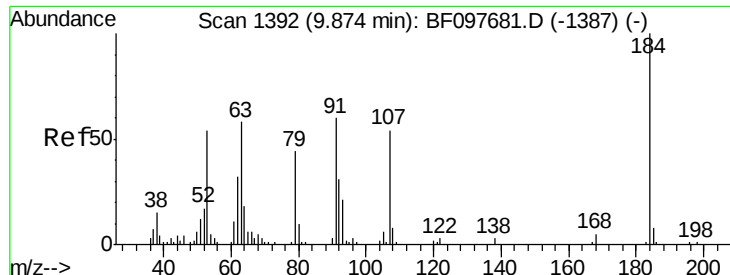


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

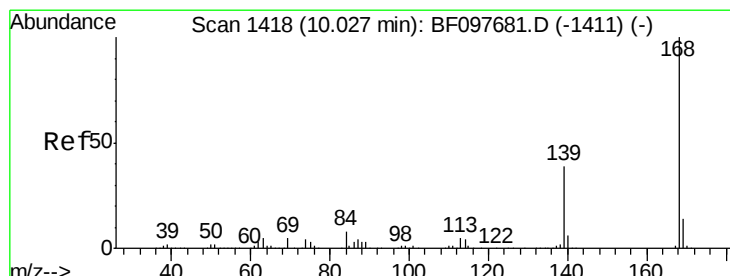
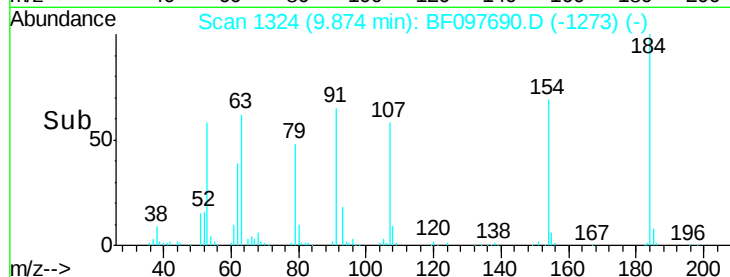
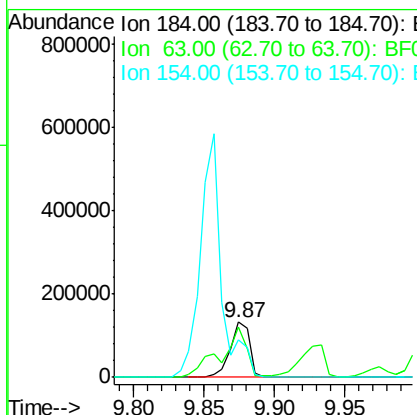
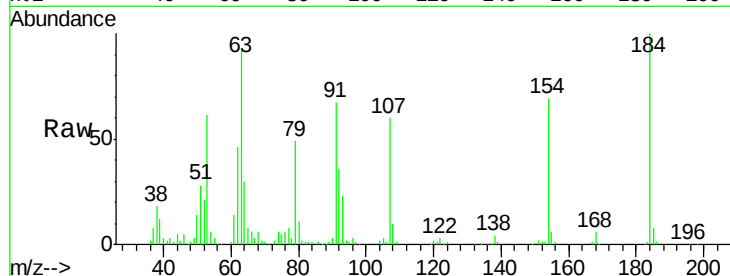




#53
 2,4-Dinitrophenol
 Concen: 77.31 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

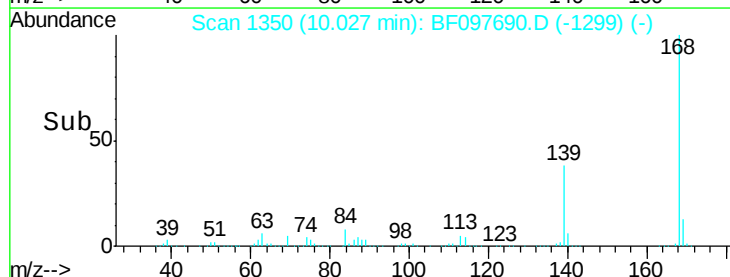
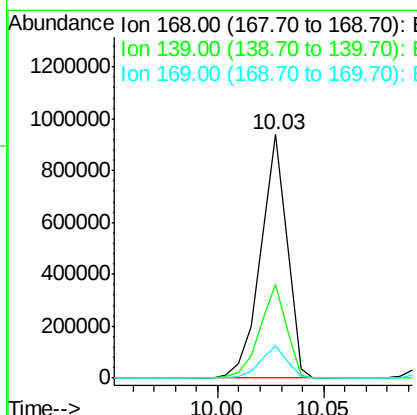
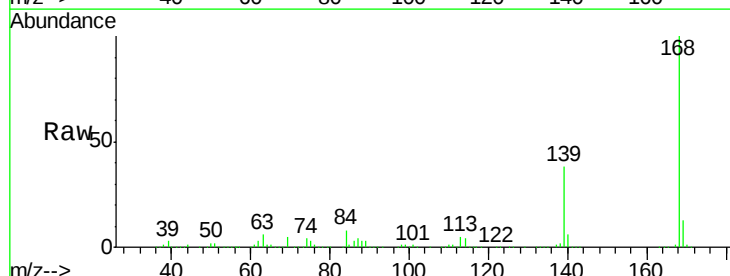
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

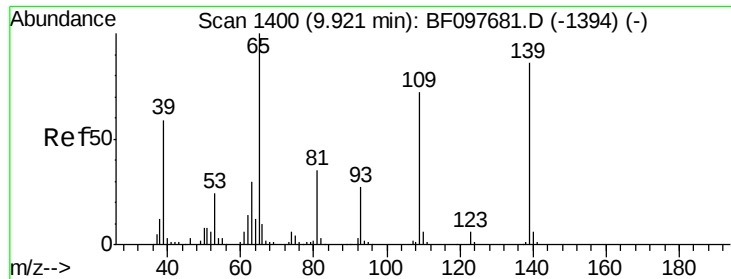
Tot Ion:184 Resp: 127766
 Ion Ratio Lower Upper
 184 100
 63 92.0 62.7 94.1
 154 69.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.42 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:168 Resp: 822297
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 77.03 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

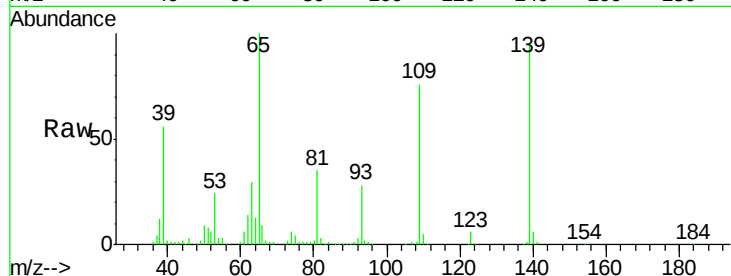
Tot Ion:139 Resp: 276851

Ion Ratio Lower Upper

139 100

109 79.5 34.1 74.1#

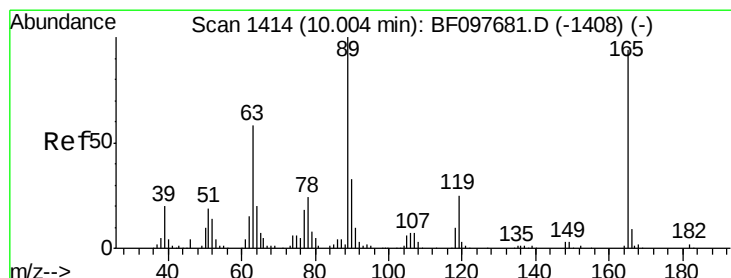
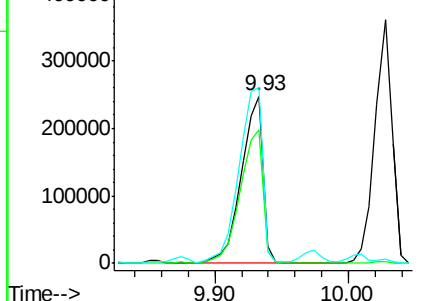
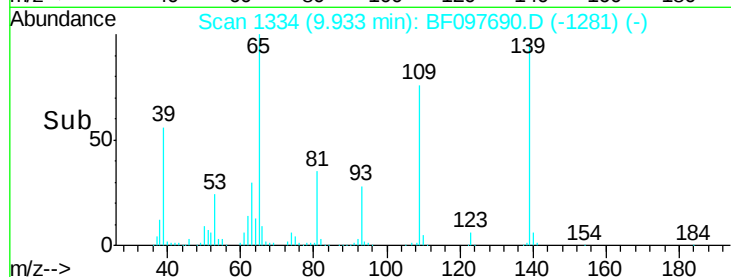
65 104.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.21 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Tgt Ion:165 Resp: 189346

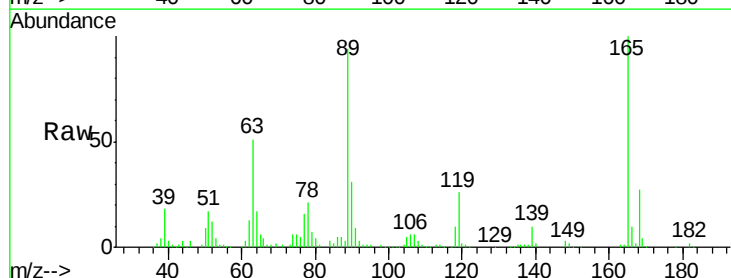
Ion Ratio Lower Upper

165 100

63 51.4 25.4 38.0#

89 93.7 46.4 69.6#

182 2.2 1.8 2.6

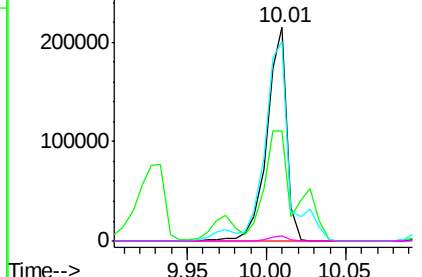
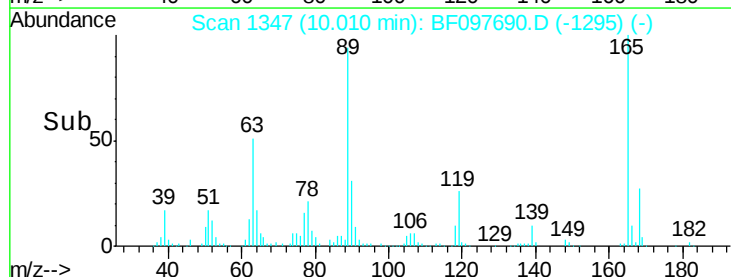


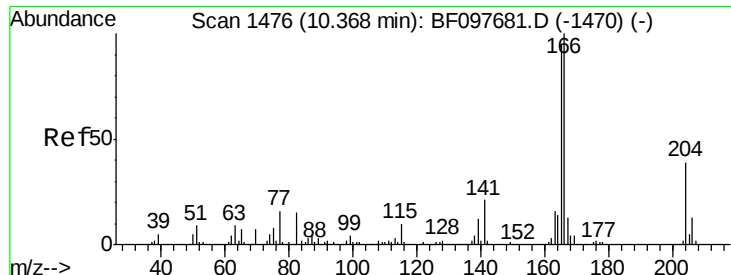
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

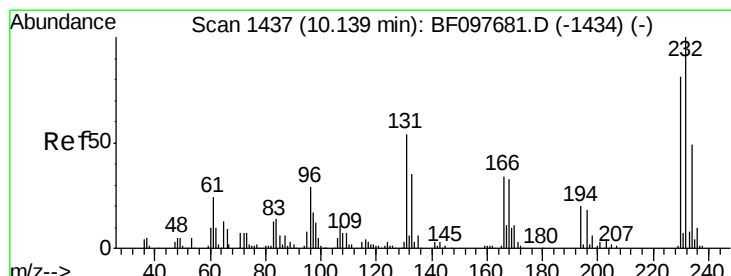
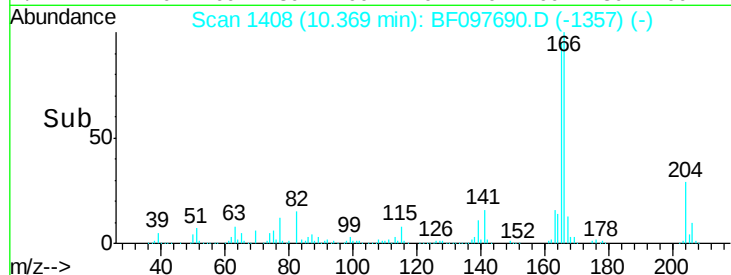
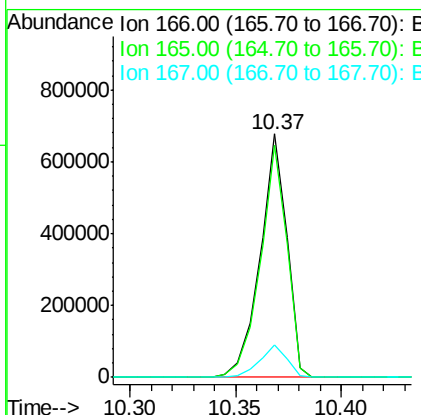
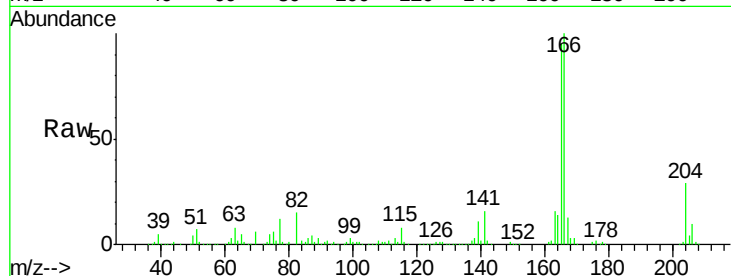




#57
 Fluorene
 Concen: 35.96 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

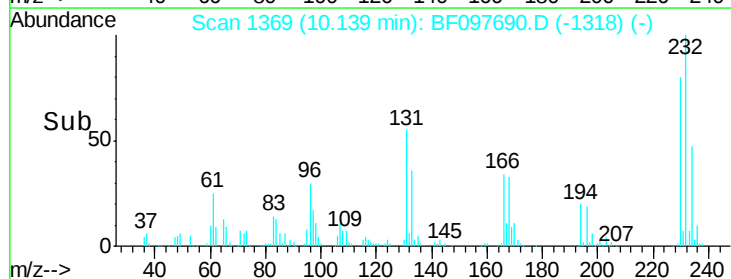
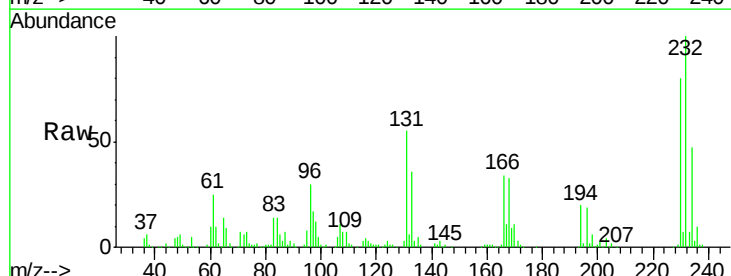
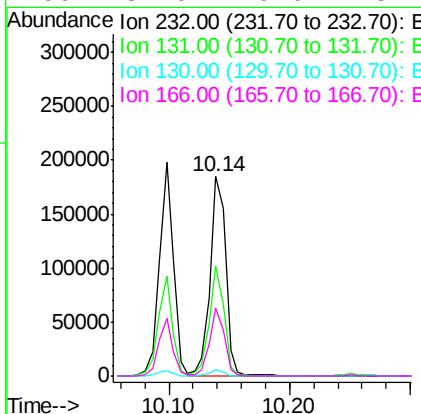
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

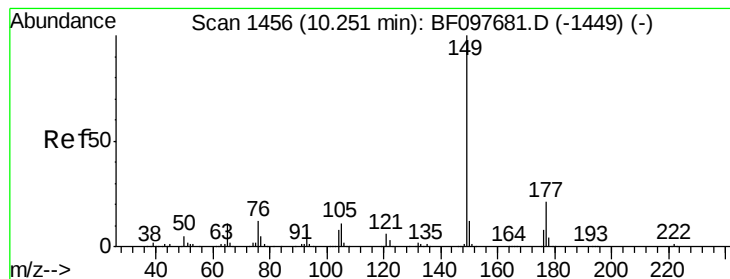
Tot Ion:166 Resp: 595107
 Ion Ratio Lower Upper
 166 100
 165 95.1 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.74 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:232 Resp: 165659
 Ion Ratio Lower Upper
 232 100
 131 51.7 44.8 67.2
 130 2.6 2.3 3.5
 166 32.0 29.0 43.4





#59

Diethylphthalate

Concen: 38.46 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

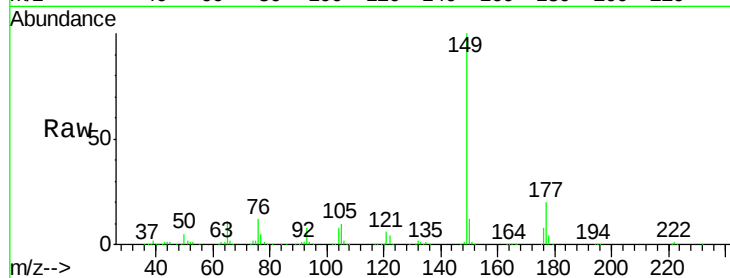
Tot Ion:149 Resp: 703542

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

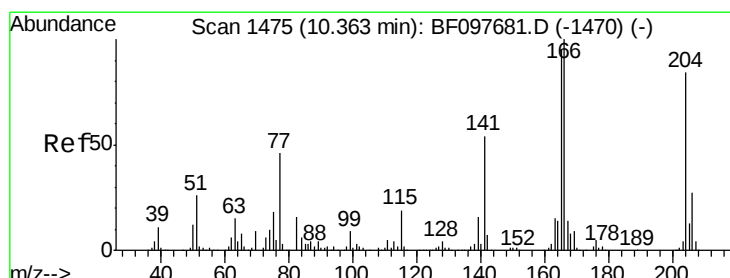
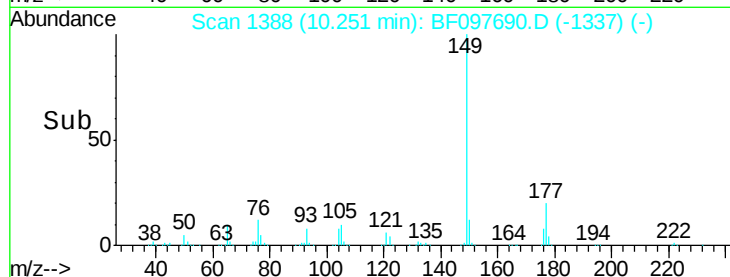
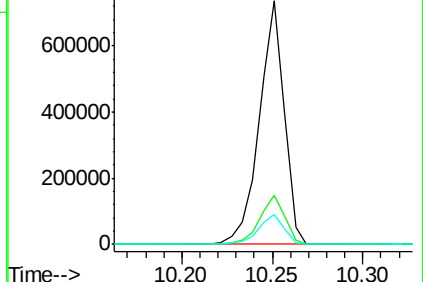
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.61 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

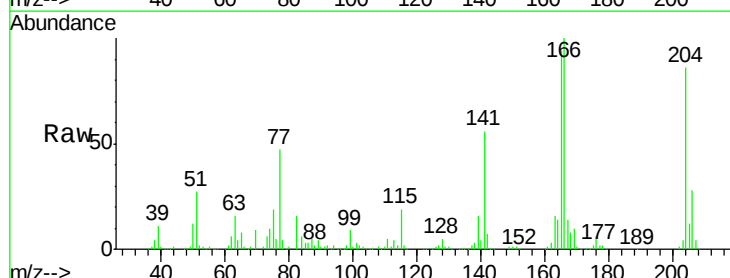
Tgt Ion:204 Resp: 273781

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

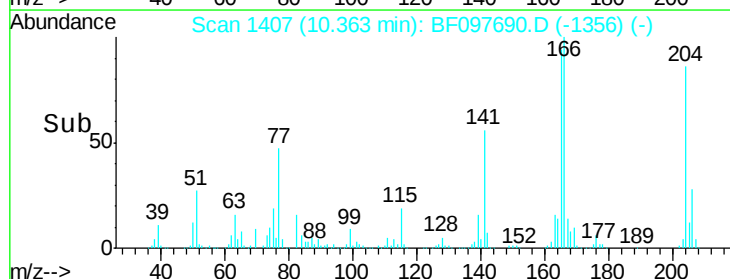
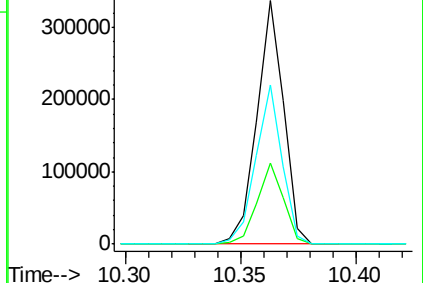
141 65.2 60.8 91.2

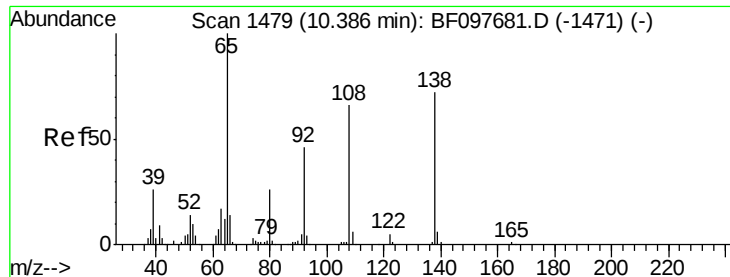


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.60 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

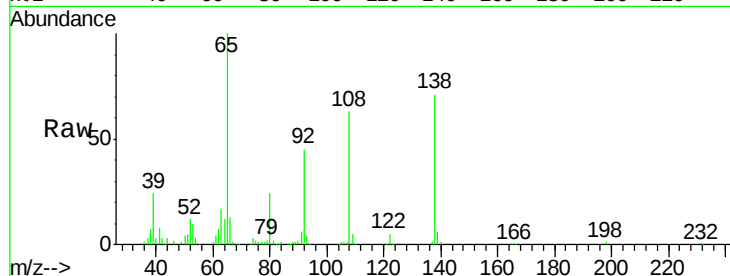
Tot Ion:138 Resp: 165278

Ion Ratio Lower Upper

138 100

92 63.6 21.8 61.8#

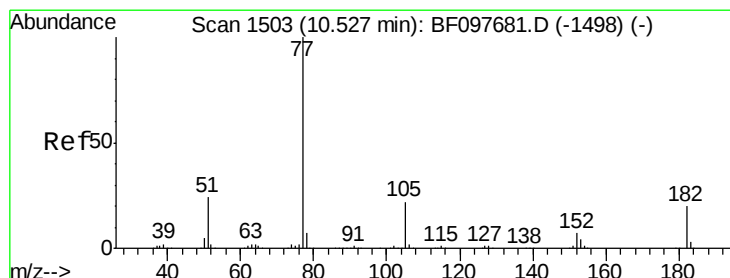
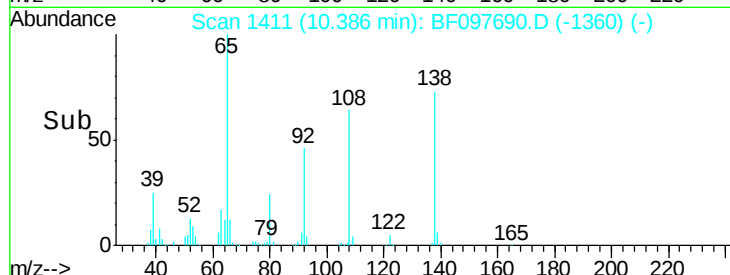
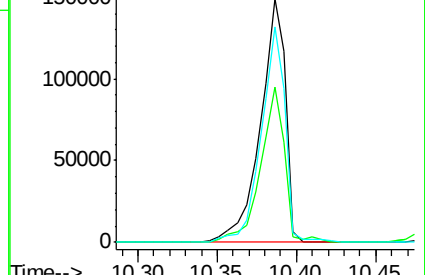
108 88.3 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.85 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Tgt Ion: 77 Resp: 865934

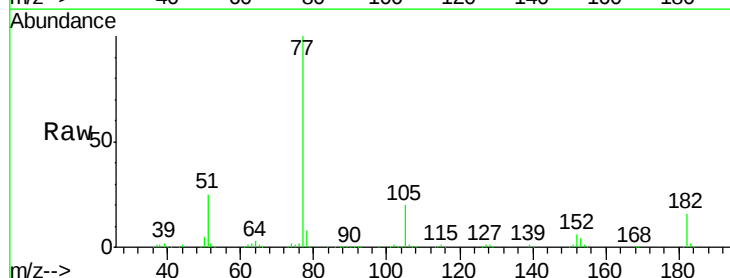
Ion Ratio Lower Upper

77 100

182 16.2 0.1 40.1

105 20.3 3.6 43.6

51 24.6 9.4 49.4

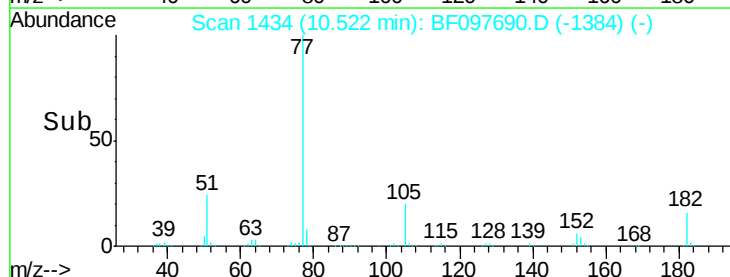
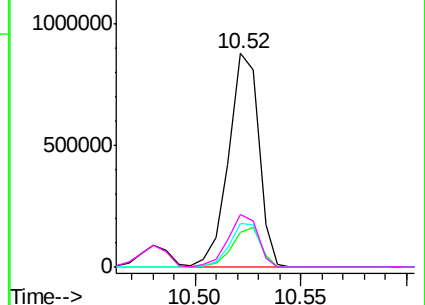


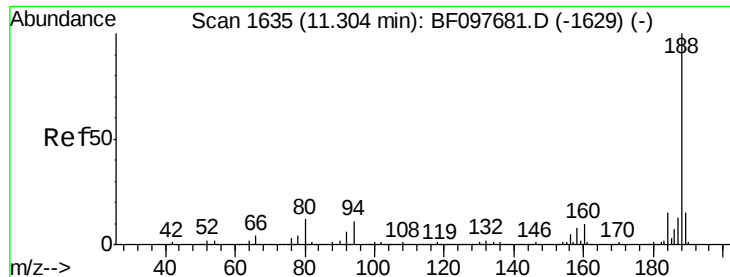
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

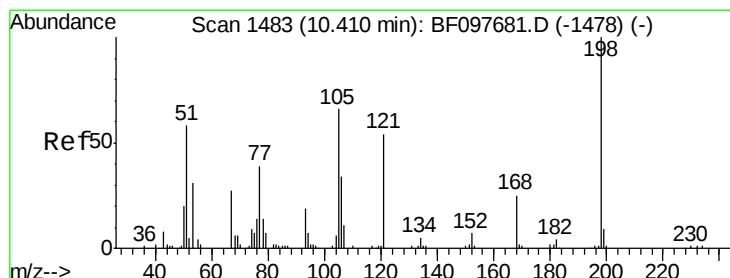
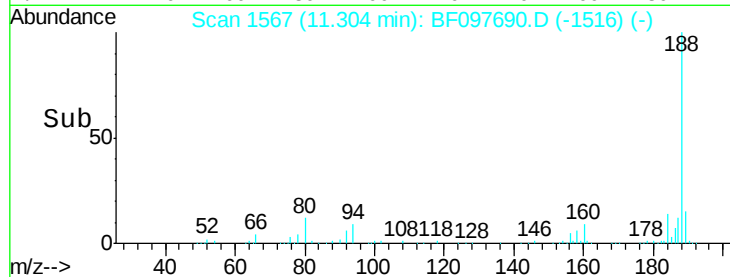
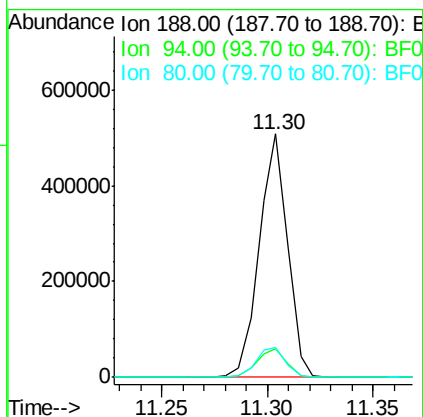
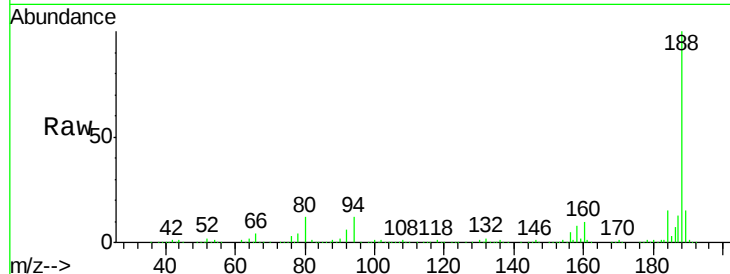




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

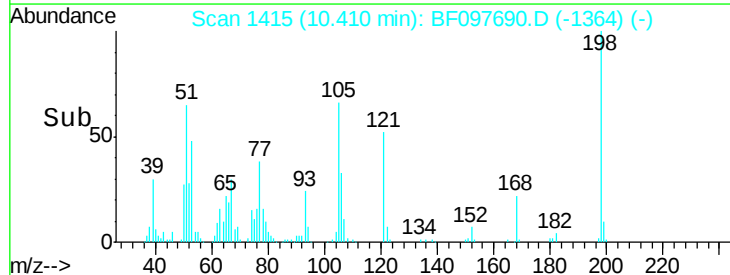
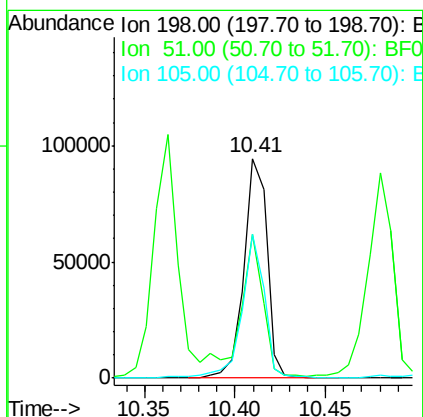
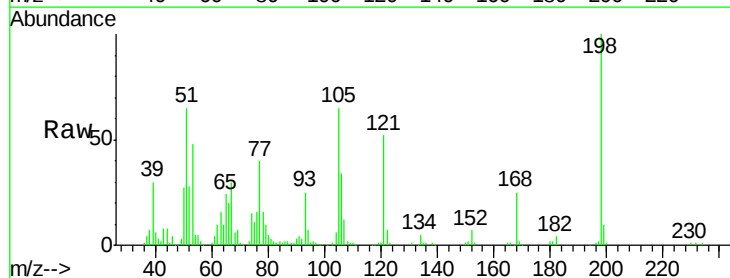
Instrument :
BNA_F
ClientSampleId :
PB101481BS

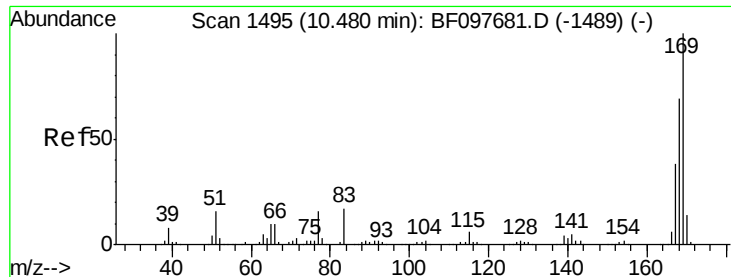
Tot Ion:188 Resp: 473545
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 39.33 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:198 Resp: 83705
Ion Ratio Lower Upper
198 100
51 65.4 53.2 93.2
105 65.5 45.8 85.8

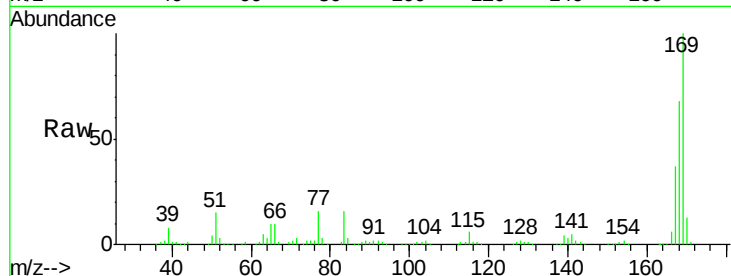




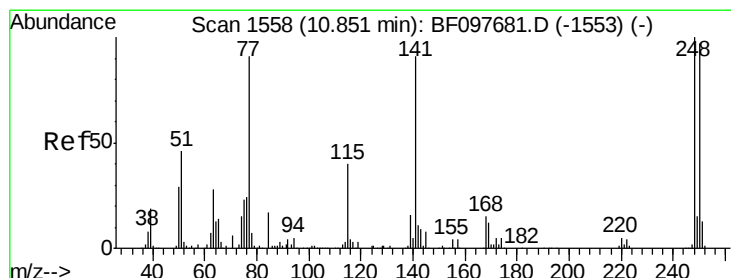
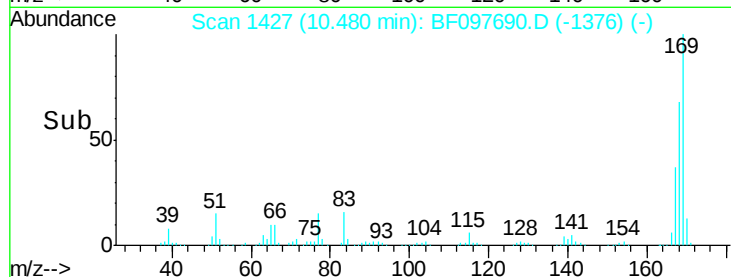
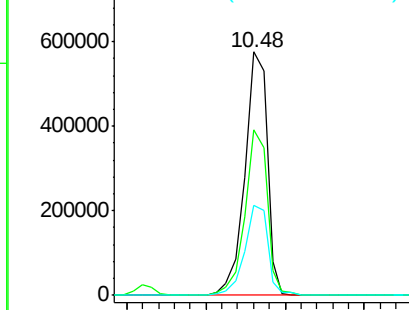
#65
 n-Nitrosodiphenylamine
 Concen: 34.89 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

Tot Ion:169 Resp: 562683
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 37.0 29.5 44.3

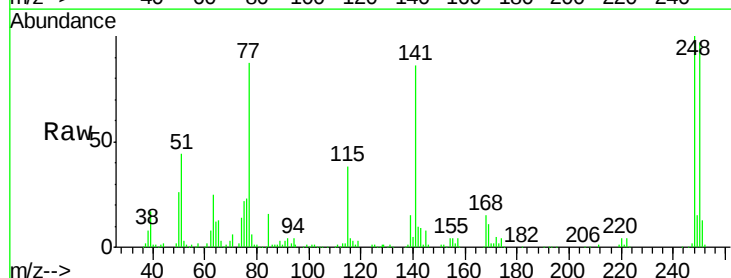


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

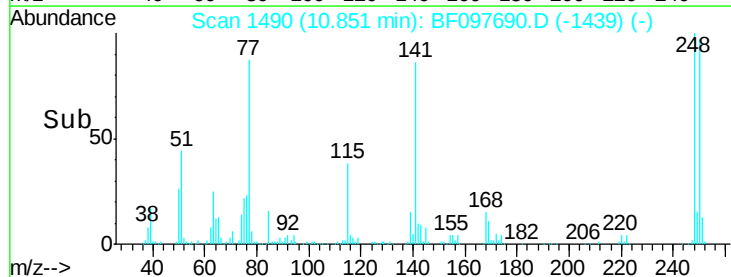
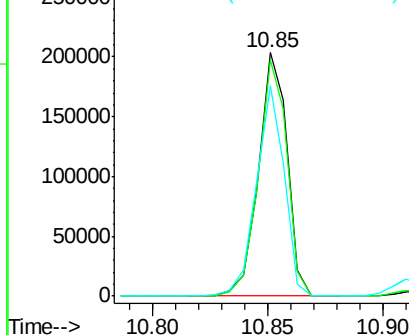


#66
 4-Bromophenyl-phenylether
 Concen: 35.76 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:248 Resp: 175826
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 86.5 68.6 103.0



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

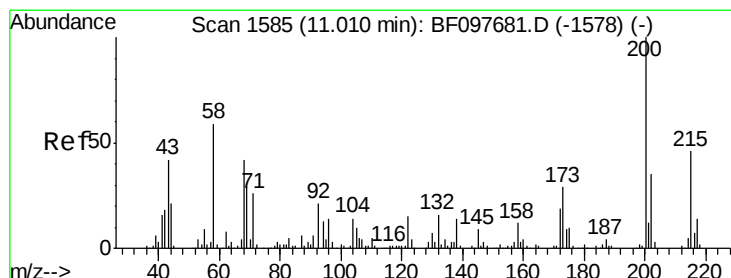
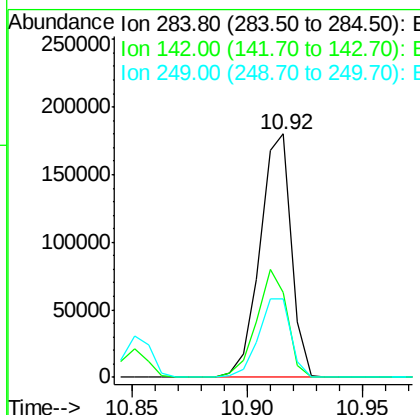
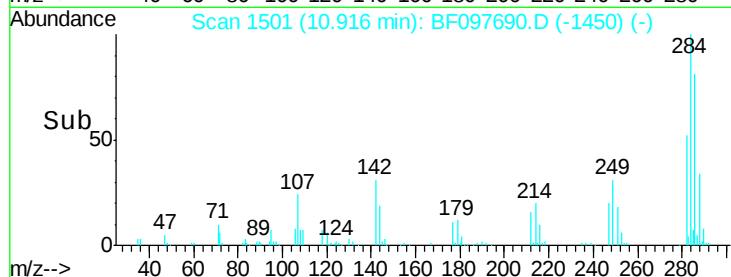
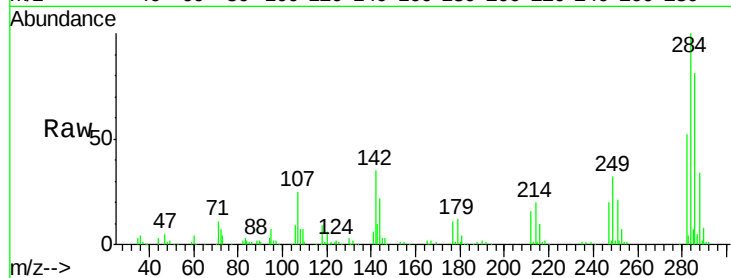




#67
Hexachlorobenzene
Concen: 34.02 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

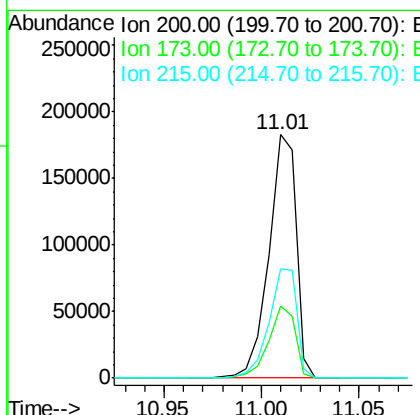
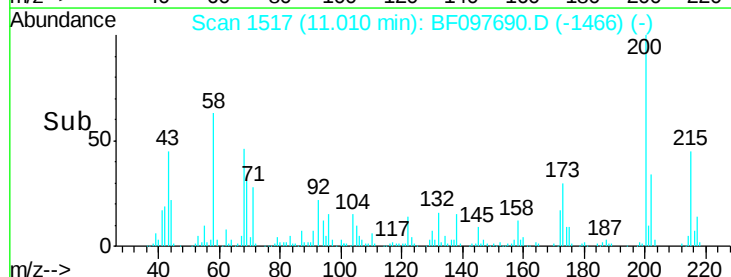
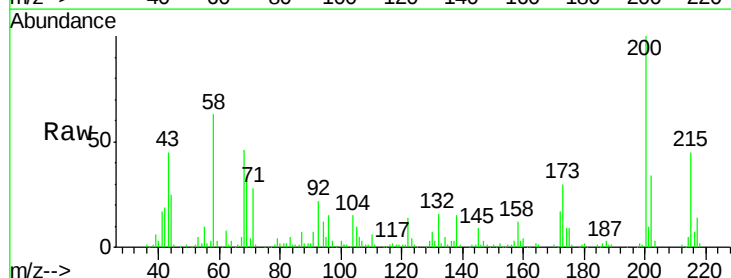
Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:284 Resp: 170516
Ion Ratio Lower Upper
284 100
142 34.9 22.8 34.2#
249 32.2 24.0 36.0



#68
Atrazine
Concen: 41.59 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:200 Resp: 177855
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 45.1 27.2 67.2

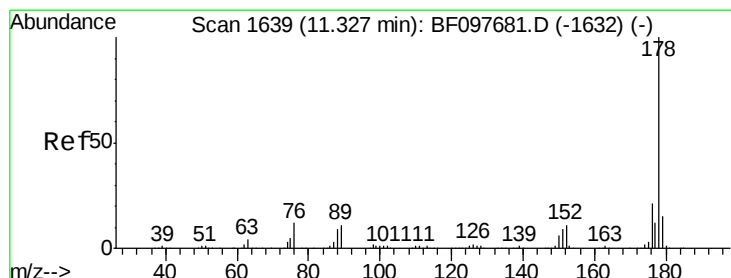
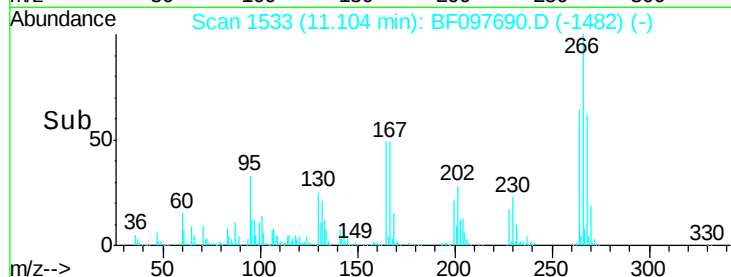
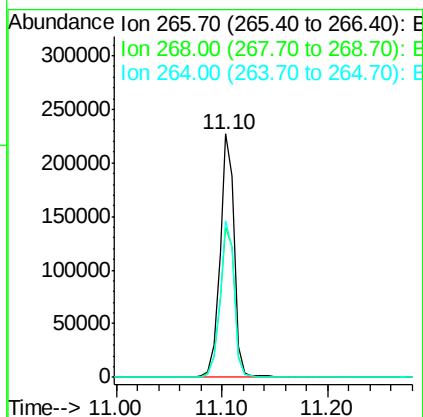
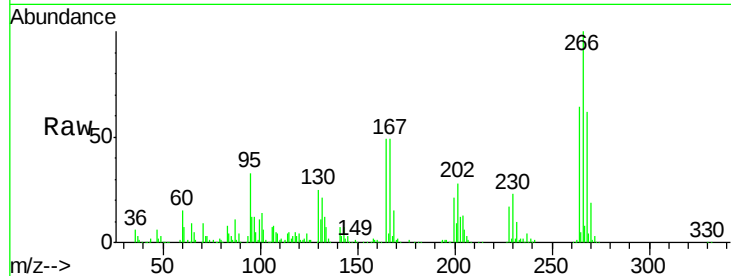




#69
 Pentachlorophenol
 Concen: 73.92 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

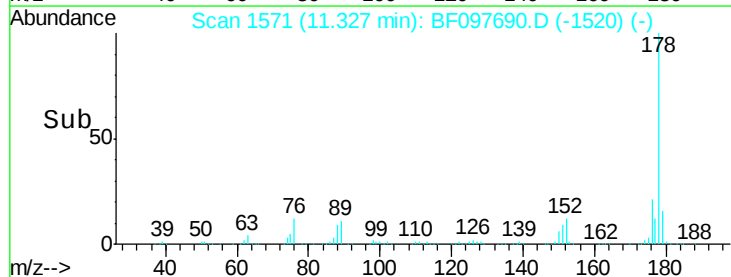
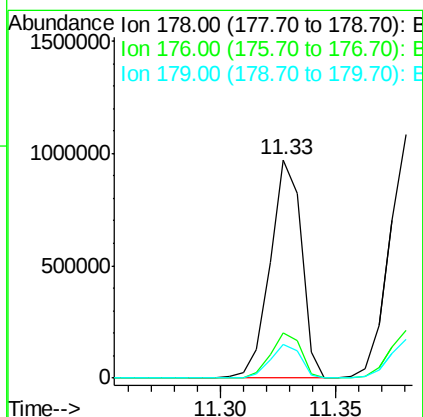
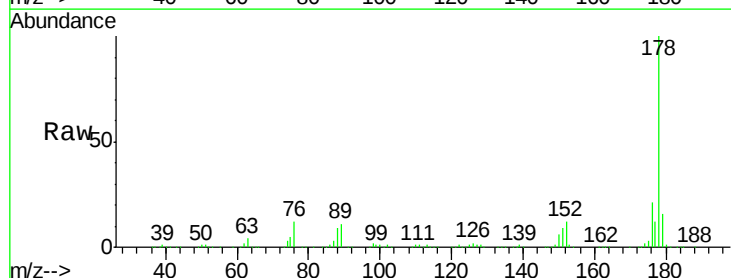
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

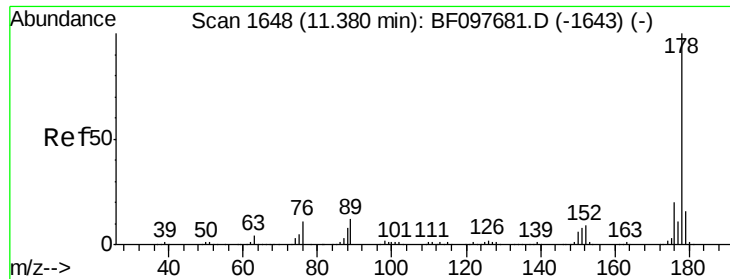
Tot Ion:266 Resp: 216033
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.1 51.7 77.5



#70
 Phenanthrene
 Concen: 36.25 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:178 Resp: 914848
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.6 12.6 19.0





#71

Anthracene

Concen: 36.55 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

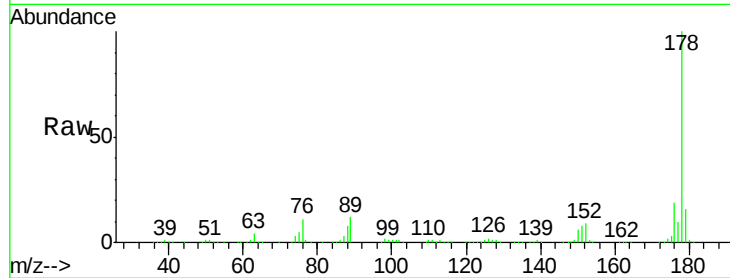
Tot Ion:178 Resp: 935372

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

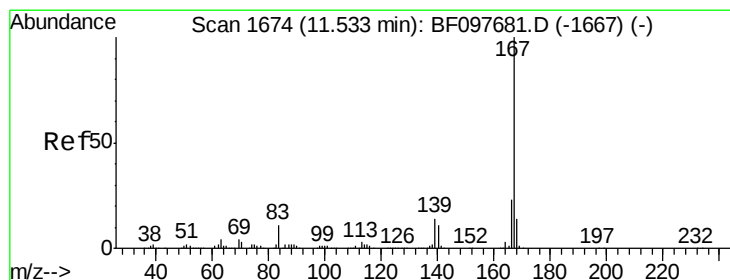
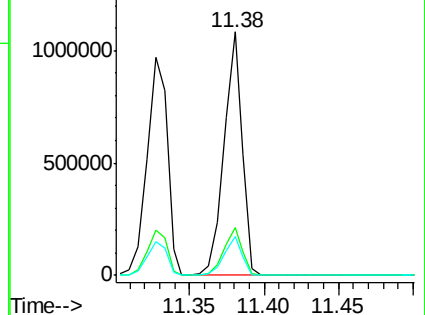
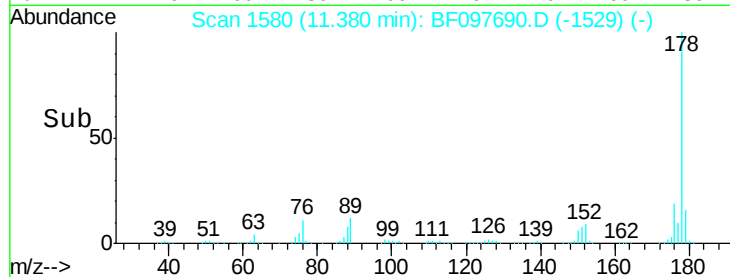
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.10 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

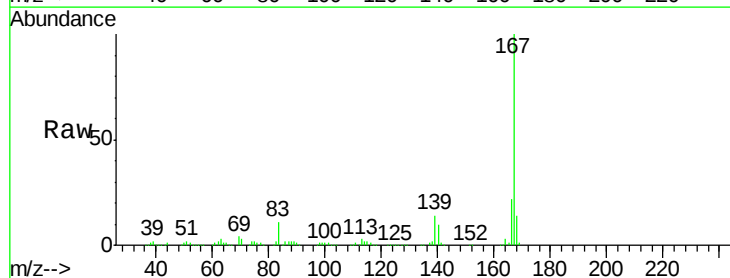
Tgt Ion:167 Resp: 901281

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

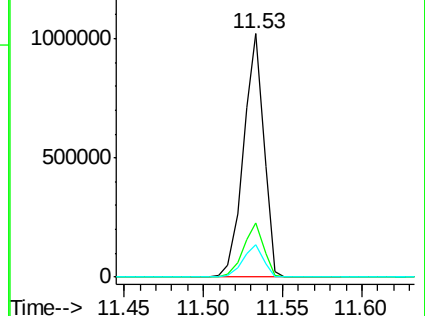
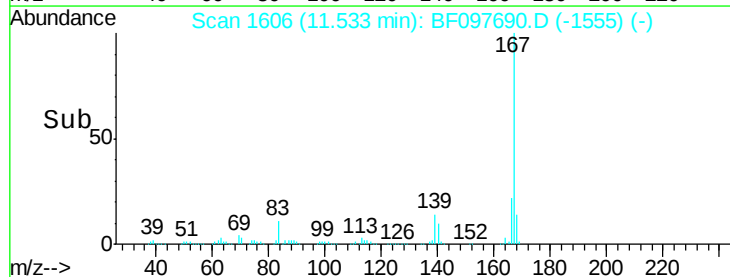
139 13.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.61 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

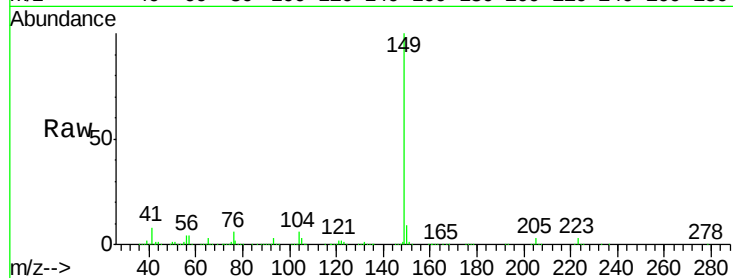
Tot Ion:149 Resp: 1108311

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

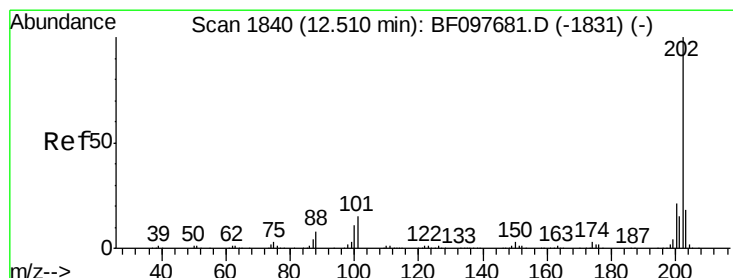
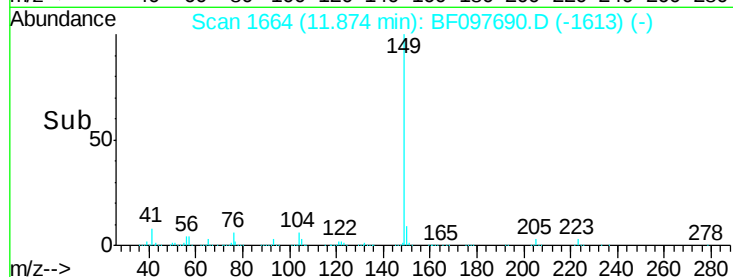
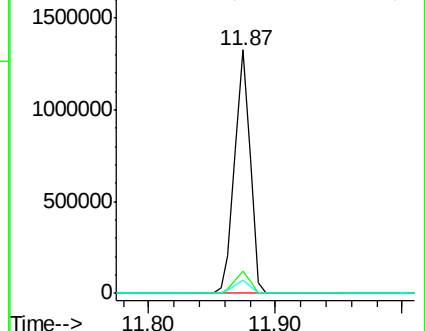
104 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.68 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

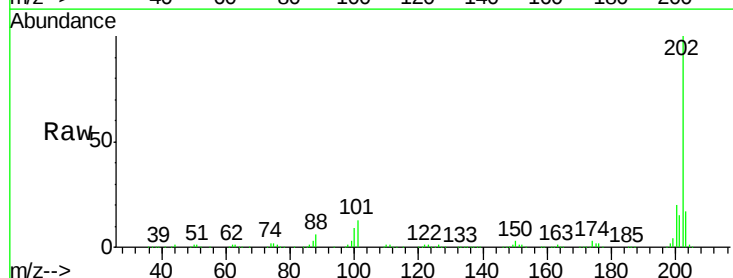
Tgt Ion:202 Resp: 992556

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

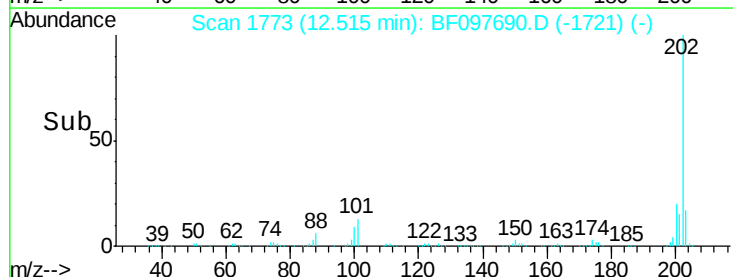
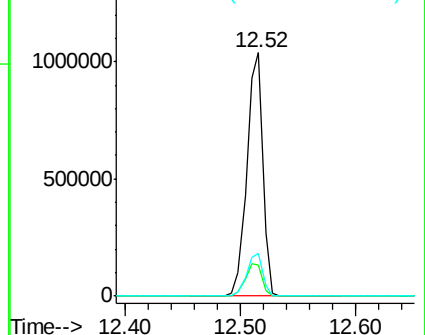
203 17.3 0.0 38.1

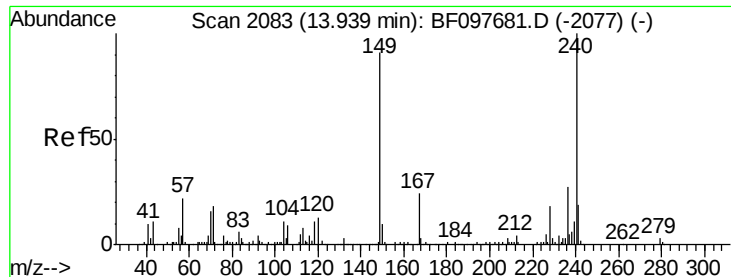


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

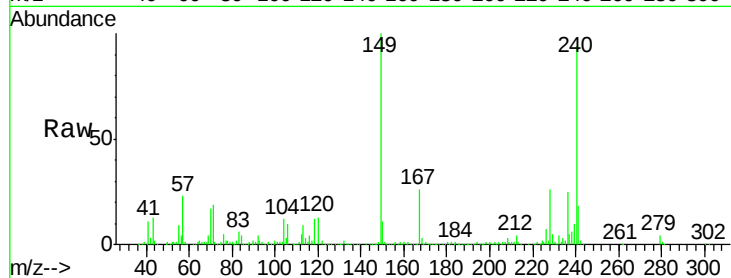
Tot Ion:240 Resp: 355495

Ion Ratio Lower Upper

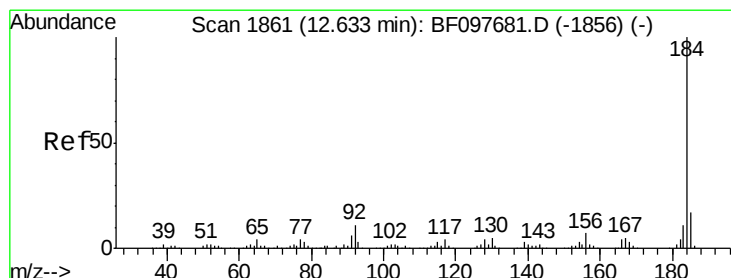
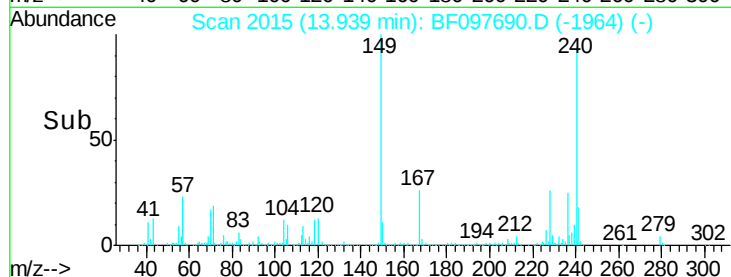
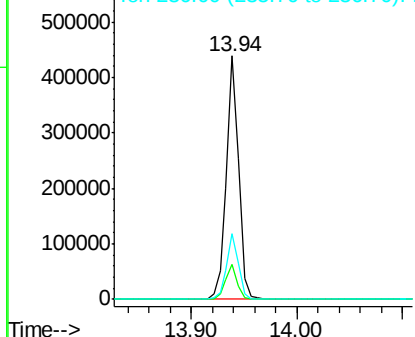
240 100

120 14.3 5.8 8.8#

236 26.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.46 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

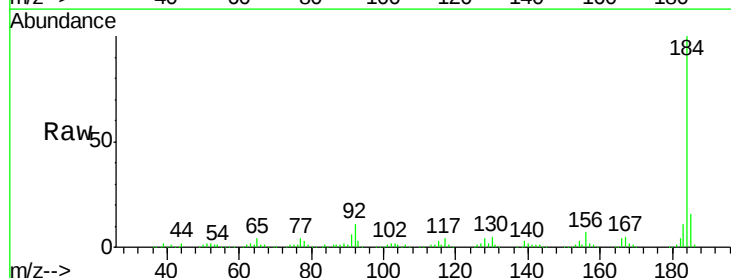
Tgt Ion:184 Resp: 320048

Ion Ratio Lower Upper

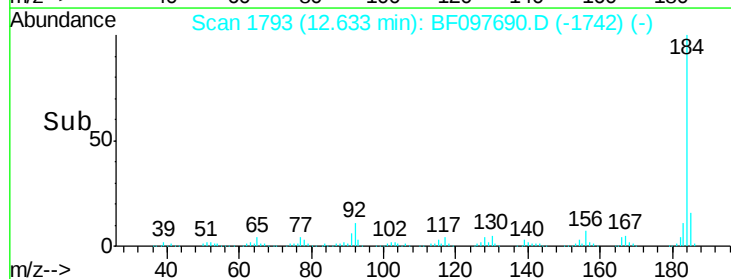
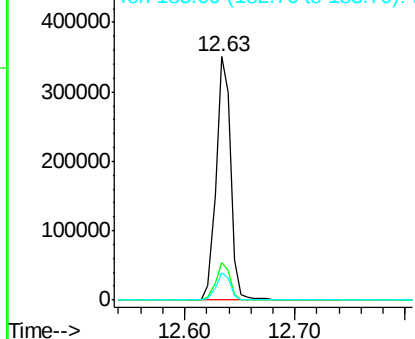
184 100

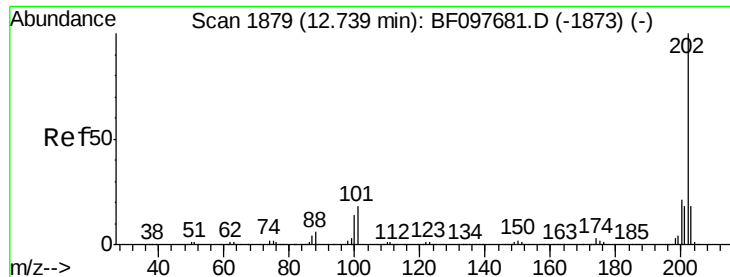
185 15.5 15.5 23.3

183 11.1 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

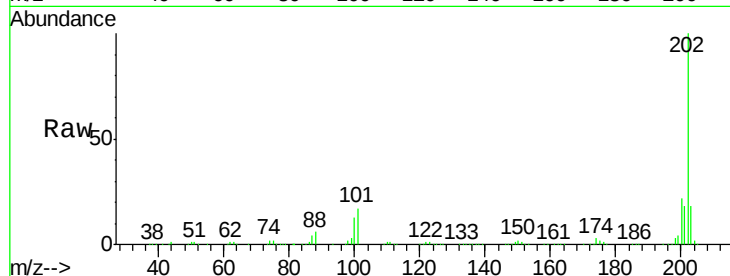




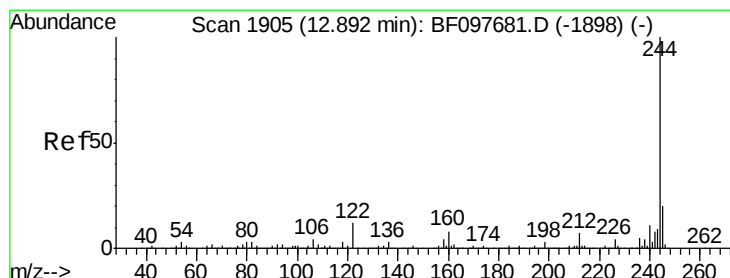
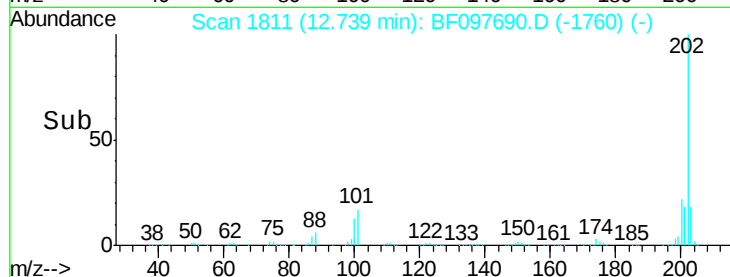
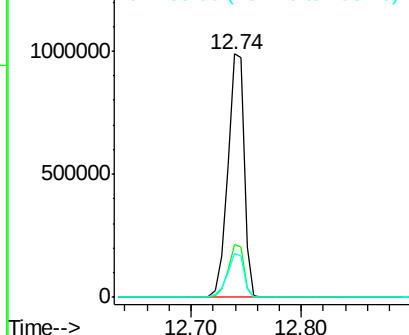
#77
Pvrene
Concen: 35.54 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:202 Resp: 1033427
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.0 14.4 21.6

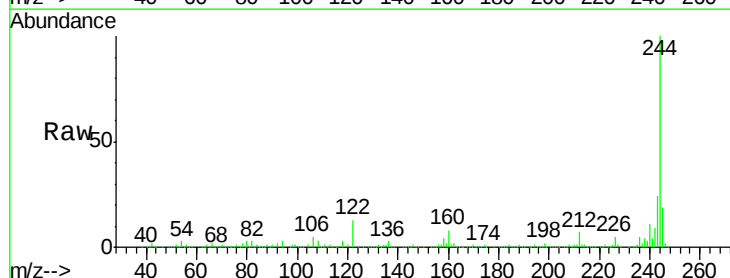


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

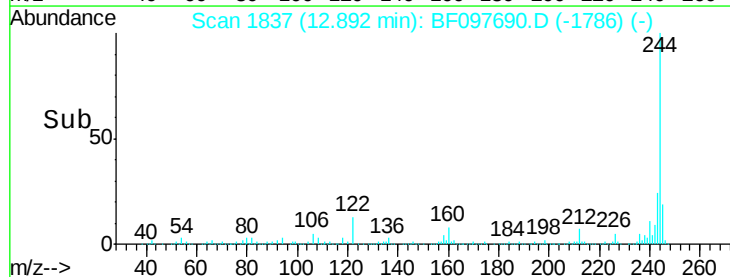
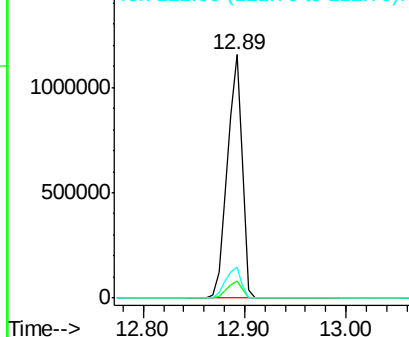


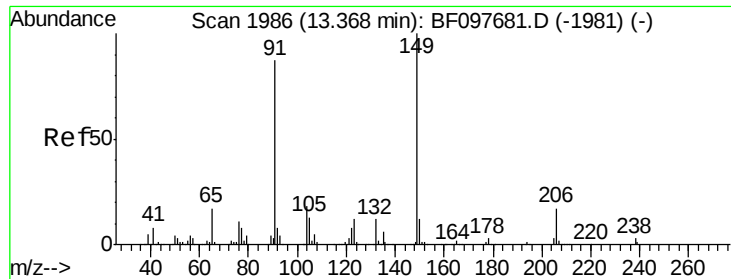
#78
Terphenyl-d14
Concen: 69.16 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:244 Resp: 1178984
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.7 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

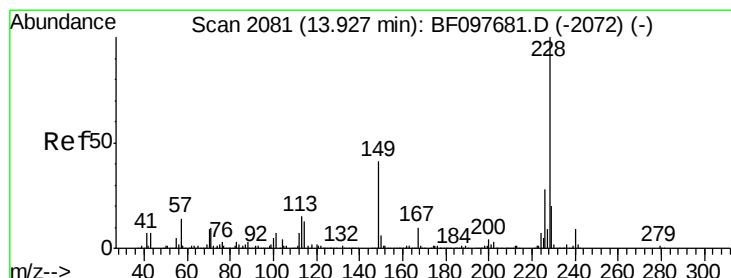
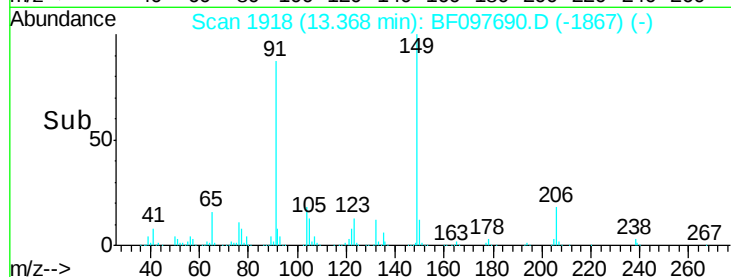
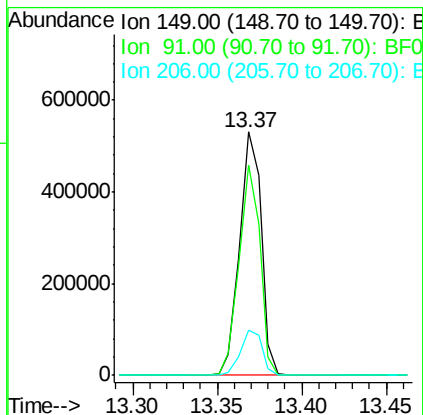
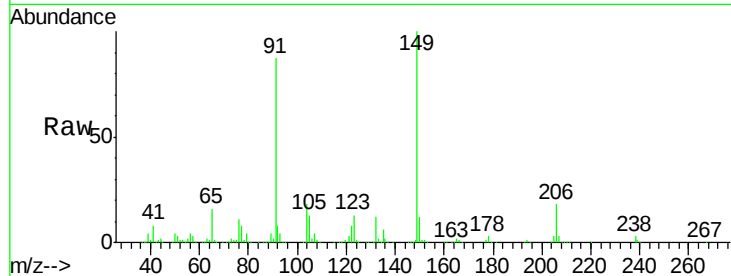




#79
Butylbenzylphthalate
Concen: 42.50 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

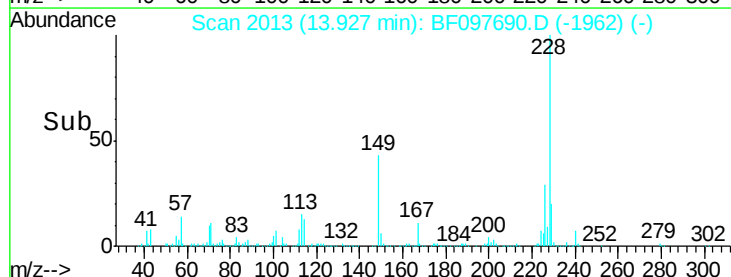
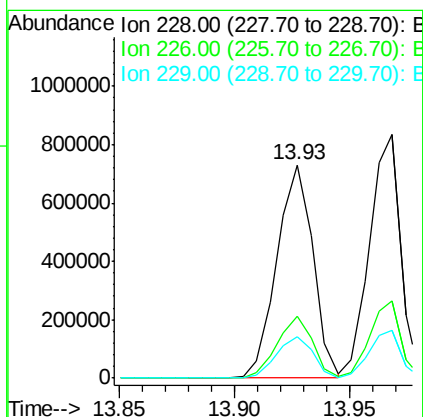
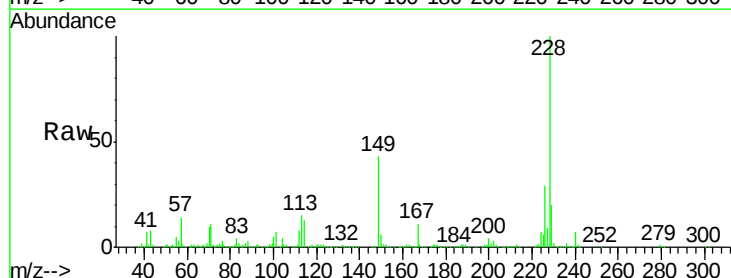
Instrument :
BNA_F
ClientSampleId :
PB101481BS

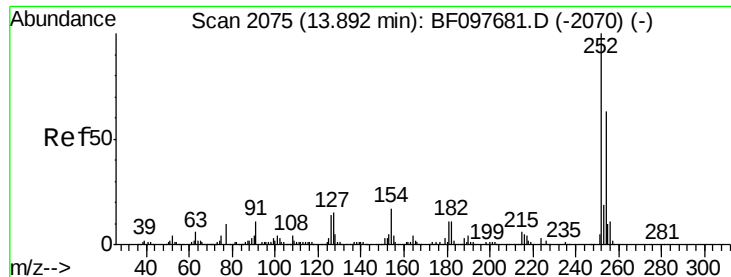
Tot Ion:149 Resp: 473765
Ion Ratio Lower Upper
149 100
91 86.6 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.16 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:228 Resp: 791727
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 19.6 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 18.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

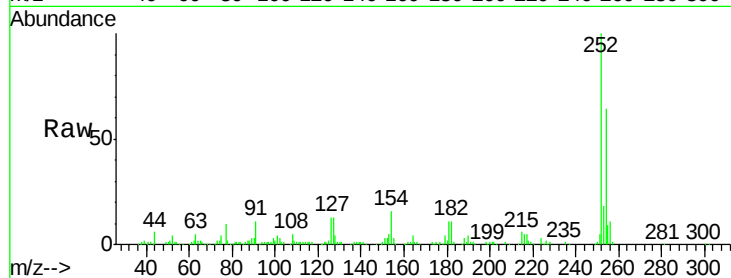
Tot Ion:252 Resp: 129418

Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

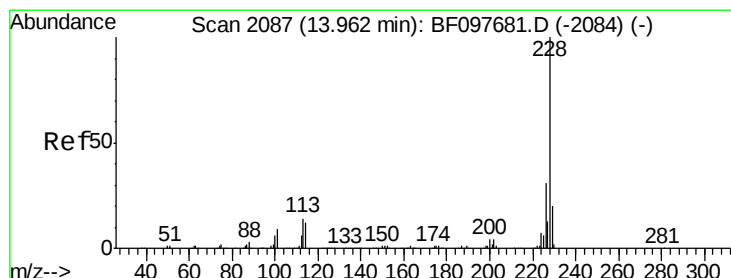
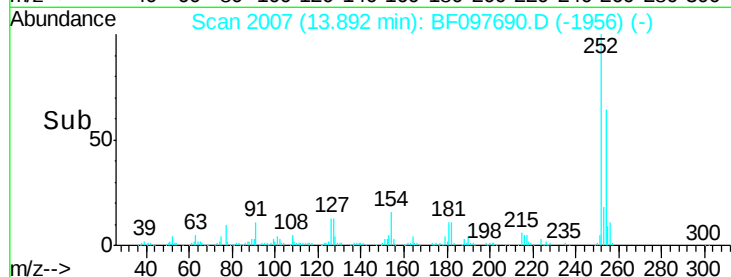
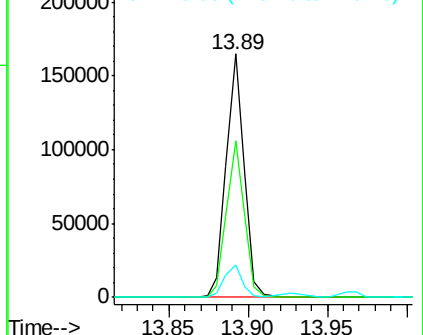
126 13.5 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.95 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

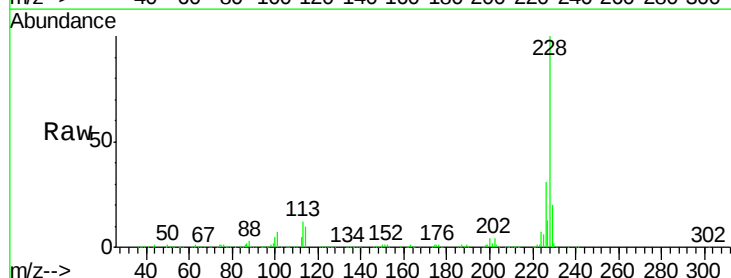
Tgt Ion:228 Resp: 783224

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

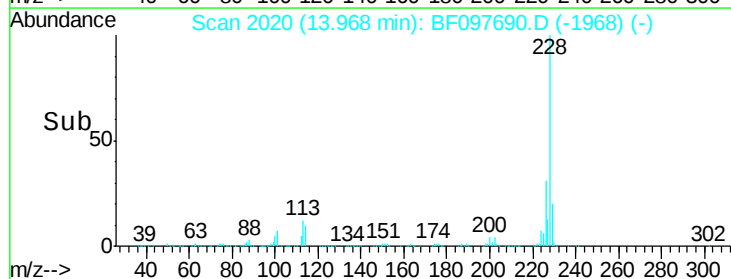
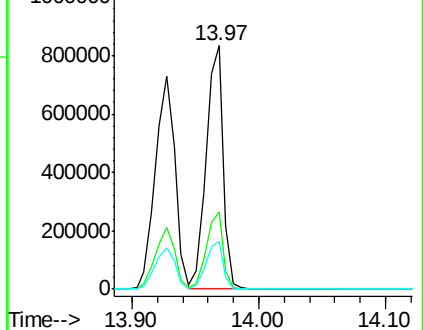
229 19.5 15.8 23.6

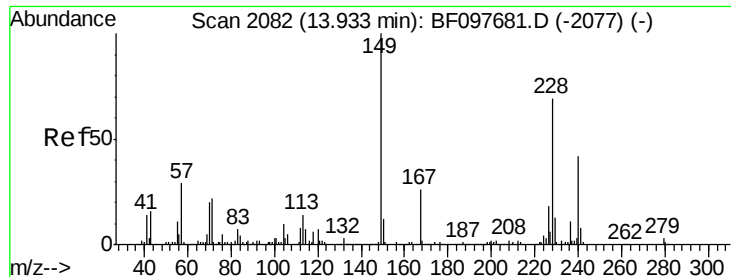


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

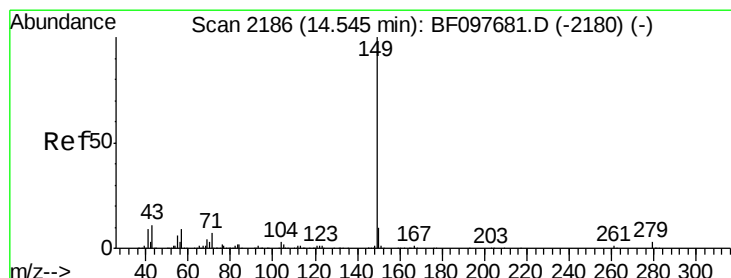
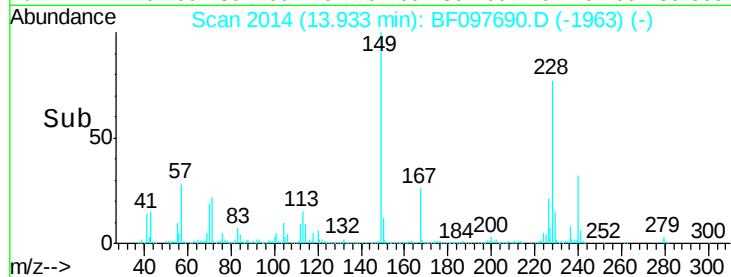
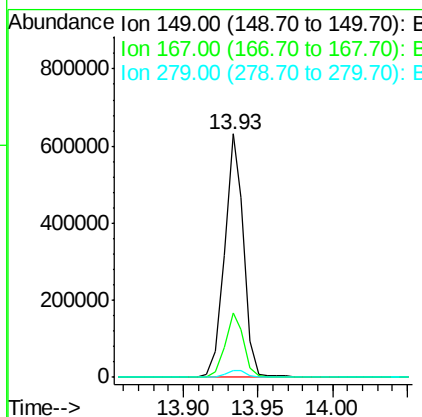
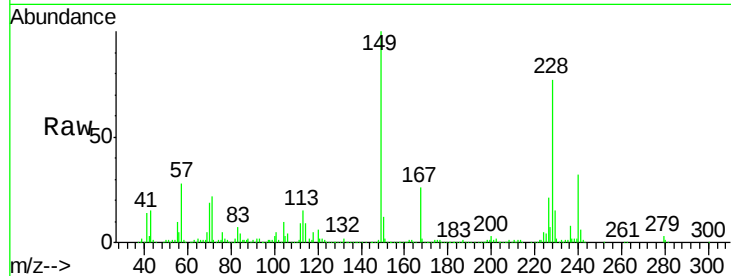




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.89 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

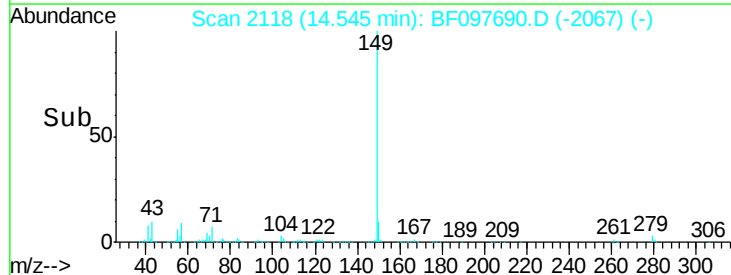
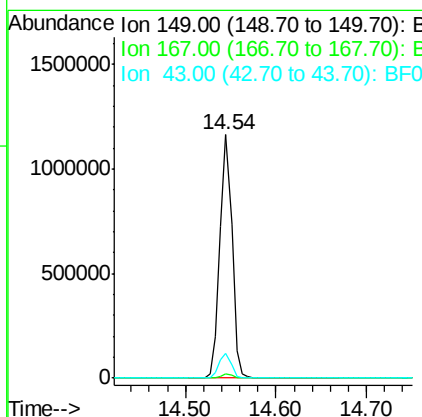
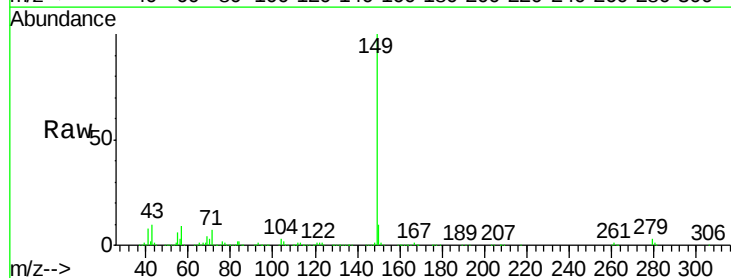
Instrument :
 BNA_F
 ClientSampleId :
 PB101481BS

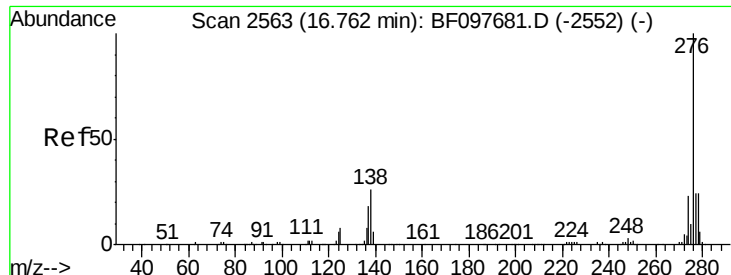
Tot Ion:149 Resp: 566908
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.59 ng
 RT: 14.54 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BF097690.D
 Acq: 15 Aug 2017 14:49

Tgt Ion:149 Resp: 1065921
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.5 12.7

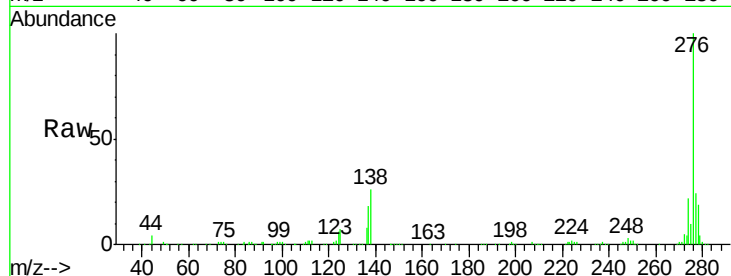




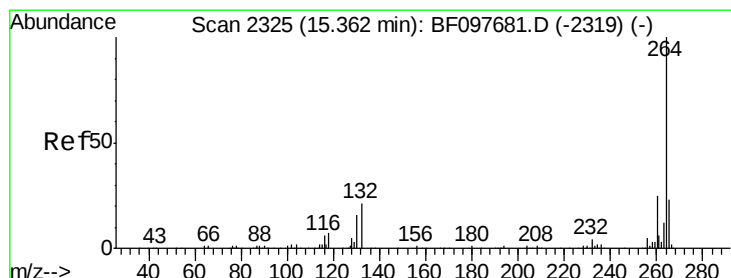
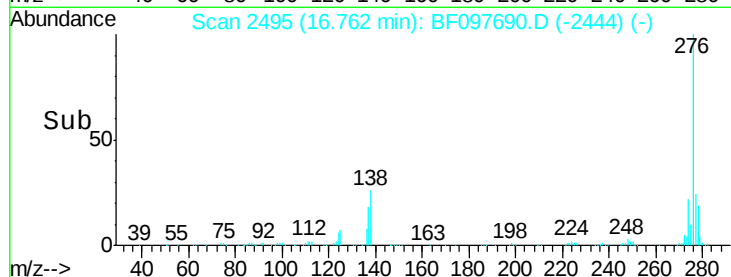
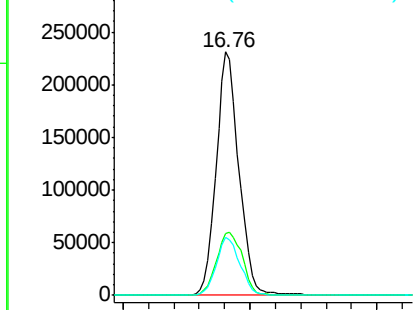
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.19 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Instrument :
BNA_F
ClientSampleId :
PB101481BS

Tot Ion:276 Resp: 579904
Ion Ratio Lower Upper
276 100
138 29.5 27.8 41.6
277 24.8 20.2 30.4

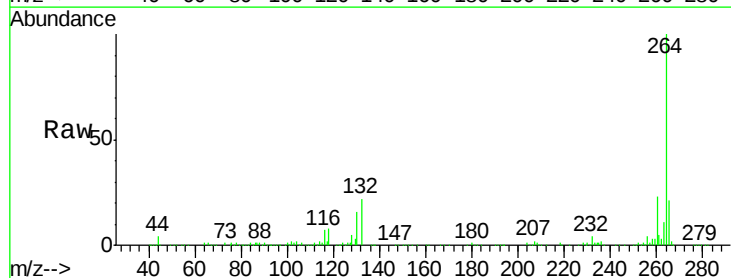


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

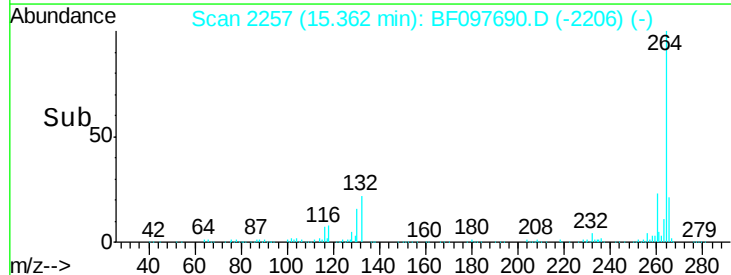
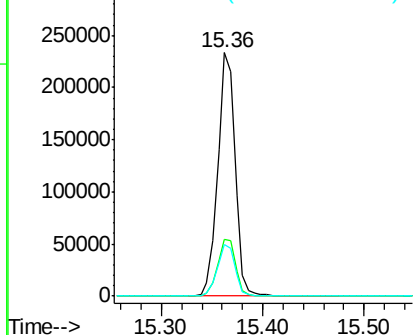


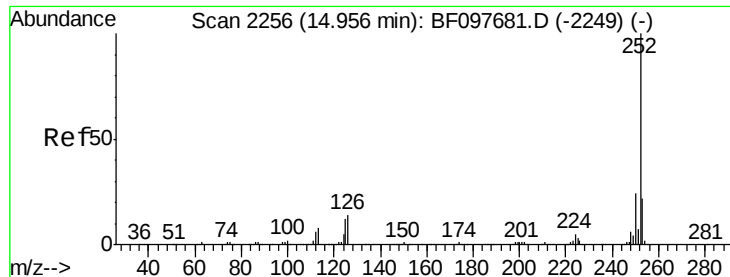
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:264 Resp: 278273
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.3 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 37.03 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

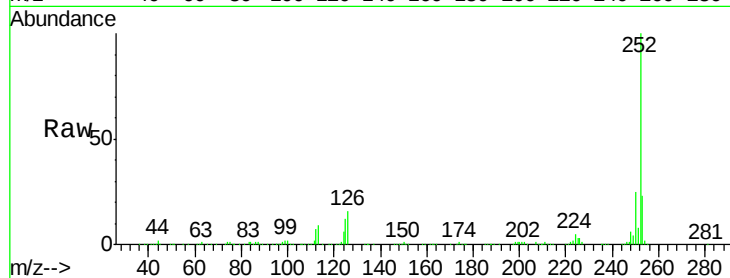
Tot Ion:252 Resp: 649452

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

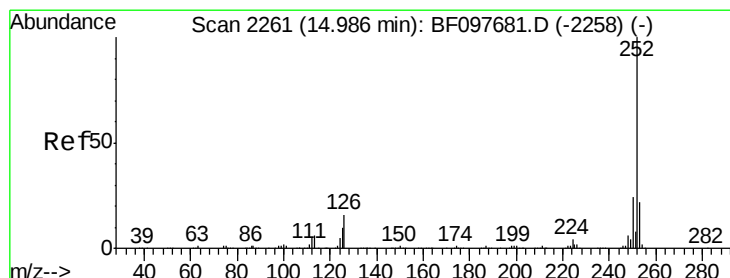
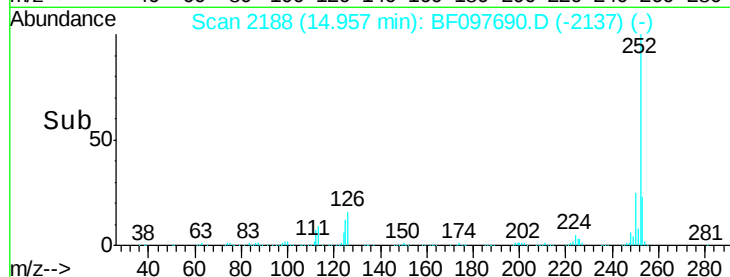
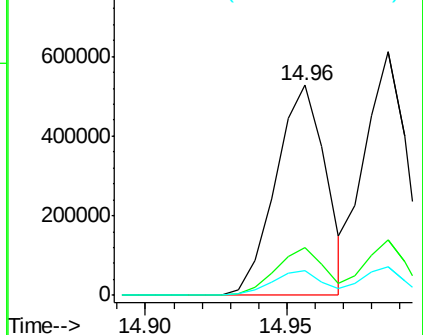
125 11.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.94 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

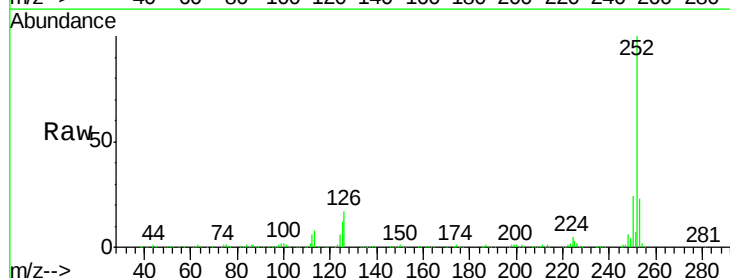
Tgt Ion:252 Resp: 641653

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

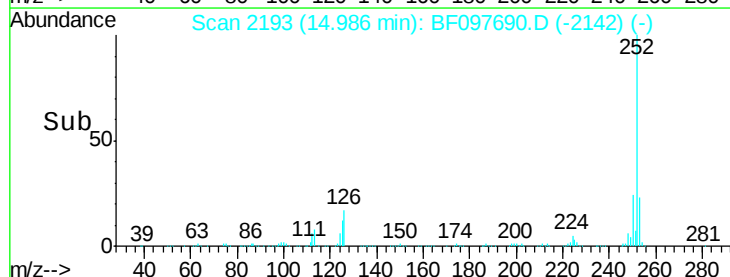
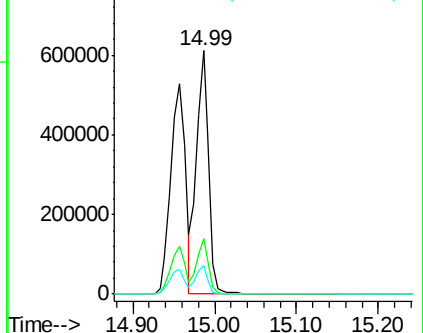
125 11.7 13.1 19.7#

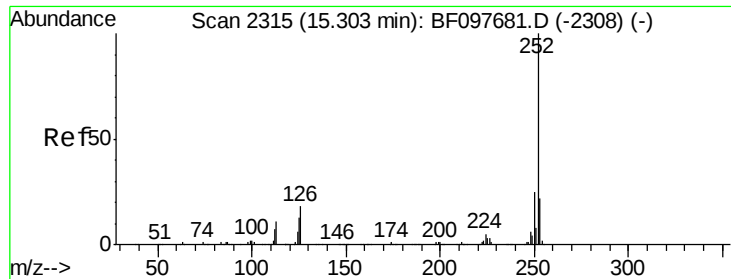


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

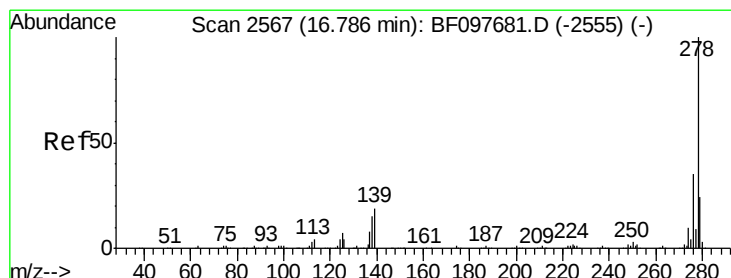
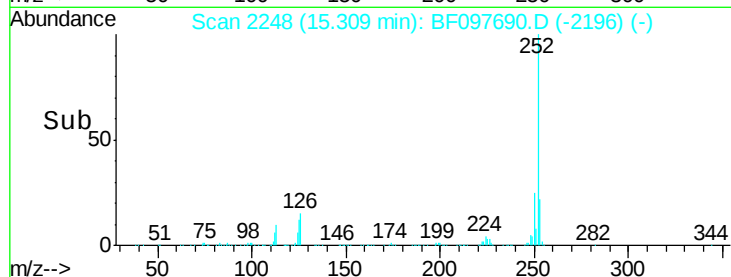
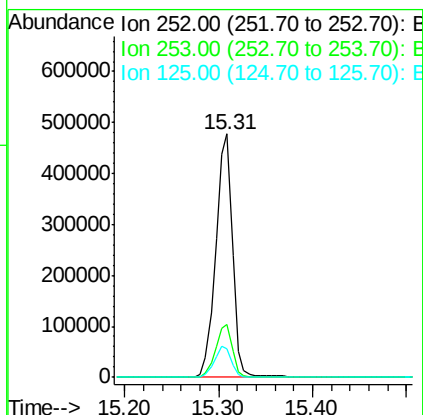
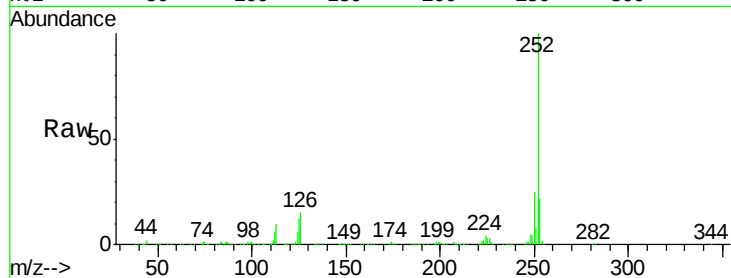




#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

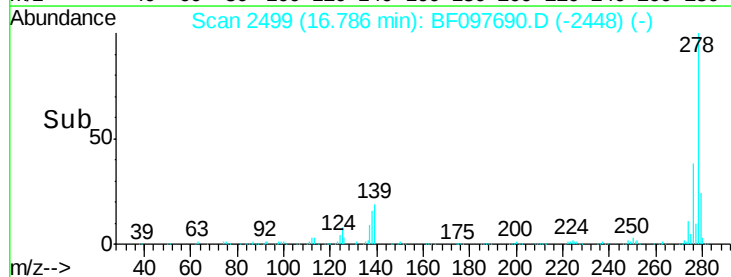
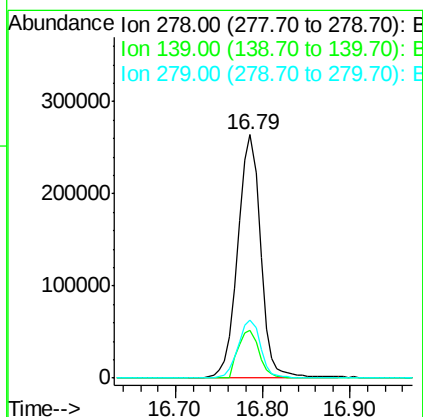
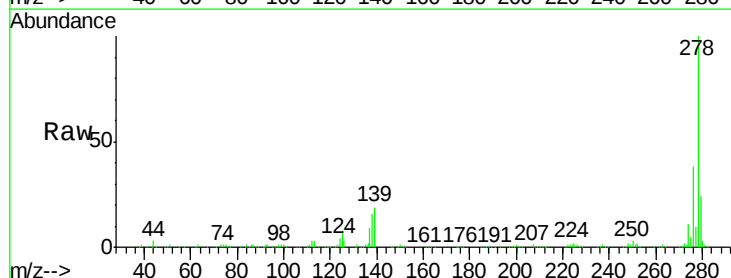
Instrument :
BNA_F
ClientSampleId :
PB101481BS

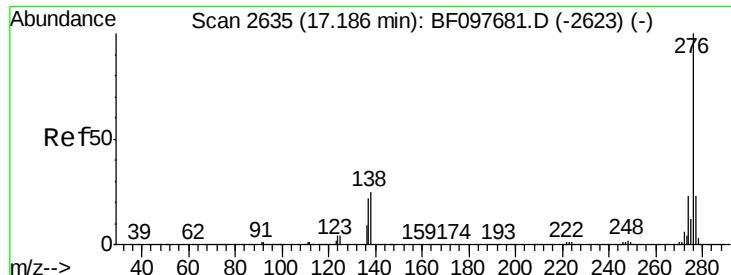
Tot Ion:252 Resp: 600265
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.90 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097690.D
Acq: 15 Aug 2017 14:49

Tgt Ion:278 Resp: 466420
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 36.99 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF097690.D

Acq: 15 Aug 2017 14:49

Instrument :

BNA_F

ClientSampleId :

PB101481BS

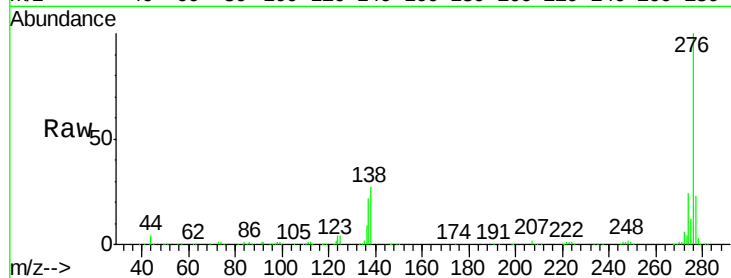
Tot Ion: 276 Resp: 487968

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 26.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

