

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097693.D
 Acq On : 15 Aug 2017 16:13
 Operator : SJ/JU
 Sample : PB101477BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Quant Time: Aug 16 03:51:05 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	125312	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	512325	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	235806	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	459736	20.00	ng	0.00
75) Chrysene-d12	13.94	240	319336	20.00	ng	0.00
86) Perylene-d12	15.36	264	239807	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1002903	121.74	ng	0.01
7) Phenol-d6	6.42	99	1333526	119.13	ng	0.00
23) Nitrobenzene-d5	7.35	82	804864	85.34	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	259980	127.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1226146	76.40	ng	0.00
78) Terphenyl-d14	12.89	244	1111180	72.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	152067	33.10	ng	92
3) Pyridine	3.27	79	440705	34.70	ng	88
4) n-Nitrosodimethylamine	3.23	42	177232	36.26	ng	86
6) Aniline	6.45	93	333717	21.22	ng	98
8) 2-Chlorophenol	6.57	128	333128	38.34	ng	97
9) Benzaldehyde	6.33	77	130748	18.44	ng	86
10) Phenol	6.43	94	483067	36.90	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	361372	36.57	ng	98
12) 1,3-Dichlorobenzene	6.72	146	332748	35.61	ng	# 91
13) 1,4-Dichlorobenzene	6.80	146	335900	35.34	ng	# 93
14) 1,2-Dichlorobenzene	6.96	146	314249	35.86	ng	99
15) Benzyl Alcohol	6.93	79	339756	40.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	501018	37.69	ng	93
17) 2-Methylphenol	7.03	107	306139	39.98	ng	95
18) Hexachloroethane	7.30	117	135610	36.39	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	277237	36.18	ng	89
20) 3+4-Methylphenols	7.19	107	369307	39.49	ng	93
22) Acetophenone	7.19	105	492892	36.42	ng	# 91
24) Nitrobenzene	7.37	77	421627	40.15	ng	96
25) Isophorone	7.60	82	764820	39.00	ng	96
26) 2-Nitrophenol	7.68	139	148343	39.98	ng	# 72
27) 2,4-Dimethylphenol	7.72	122	309628	37.86	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	468606	36.35	ng	99
29) 2,4-Dichlorophenol	7.92	162	261879	38.57	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	262182	34.84	ng	97
31) Naphthalene	8.09	128	954622	35.89	ng	100
32) Benzoic acid	7.84	122	198429	35.26	ng	85
33) 4-Chloroaniline	8.13	127	105204	9.38	ng	99
34) Hexachlorobutadiene	8.21	225	153597	34.95	ng	97
35) Caprolactam	8.50	113	52460	22.73	ng	92
36) 4-Chloro-3-methylphenol	8.62	107	328100	37.62	ng	# 78
37) 2-Methylnaphthalene	8.78	142	616472	37.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	243291	33.62	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	312163	89.79	ng	99

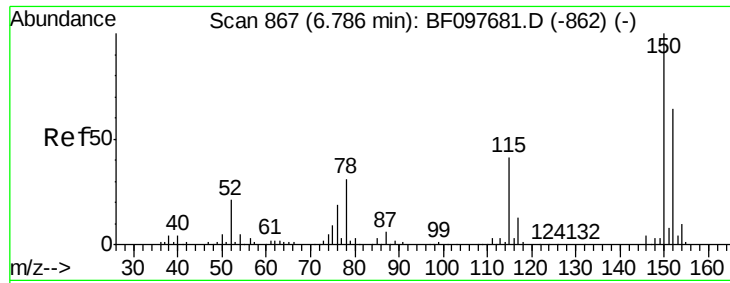
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097693.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	179443	36.93	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	189015	39.21	nq	95
45) 1,1'-Biphenyl	9.25	154	730193	33.96	nq	96
46) 2-Chloronaphthalene	9.27	162	544244	34.25	nq	# 93
47) 2-Nitroaniline	9.36	65	206357	38.74	nq	96
48) Acenaphthylene	9.68	152	901977	36.15	nq	100
49) Dimethylphthalate	9.55	163	643263	37.32	nq	99
50) 2,6-Dinitrotoluene	9.60	165	136304	39.62	nq	# 46
51) Acenaphthene	9.86	154	600290	38.15	nq	99
52) 3-Nitroaniline	9.77	138	81864	18.44	nq	87
53) 2,4-Dinitrophenol	9.87	184	115962	72.01	nq	# 75
54) Dibenzofuran	10.03	168	801832	38.02	nq	99
55) 4-Nitrophenol	9.93	139	267243	75.47	nq	# 46
56) 2,4-Dinitrotoluene	10.01	165	185753	43.02	nq	# 61
57) Fluorene	10.37	166	577734	35.43	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	159325	42.69	nq	95
59) Diethylphthalate	10.25	149	679805	37.71	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	268758	35.48	nq	91
61) 4-Nitroaniline	10.39	138	157504	37.33	nq	# 66
62) Azobenzene	10.52	77	838194	39.15	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	78526	38.28	nq	92
65) n-Nitrosodiphenylamine	10.48	169	547591	34.98	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	172277	36.09	nq	98
67) Hexachlorobenzene	10.92	284	167728	34.47	nq	# 92
68) Atrazine	11.01	200	168963	40.70	nq	98
69) Pentachlorophenol	11.10	266	205305	72.36	nq	98
70) Phenanthrene	11.33	178	884307	36.10	nq	100
71) Anthracene	11.38	178	906679	36.49	nq	99
72) Carbazole	11.53	167	861934	36.54	nq	98
73) Di-n-butylphthalate	11.87	149	1064855	39.20	nq	99
74) Fluoranthene	12.51	202	945212	36.97	nq	98
76) Benzidine	12.63	184	263896	25.20	nq	94
77) Pyrene	12.74	202	973883	37.29	nq	99
79) Butylbenzylphthalate	13.37	149	431674	43.11	nq	# 69
80) Benzo(a)anthracene	13.93	228	710971	37.15	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	113333	17.55	nq	# 94
82) Chrysene	13.96	228	702161	36.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	523369	47.17	nq	# 99
84) Di-n-octyl phthalate	14.54	149	903392	46.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	563527	40.24	nq	94
87) Benzo(b)fluoranthene	14.96	252	573675	37.95	nq	97
88) Benzo(k)fluoranthene	14.99	252	543019	38.24	nq	# 93
89) Benzo(a)pyrene	15.30	252	522869	39.07	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	460483	42.27	nq	98
91) Benzo(g,h,i)perylene	17.19	276	481069	42.32	nq	94

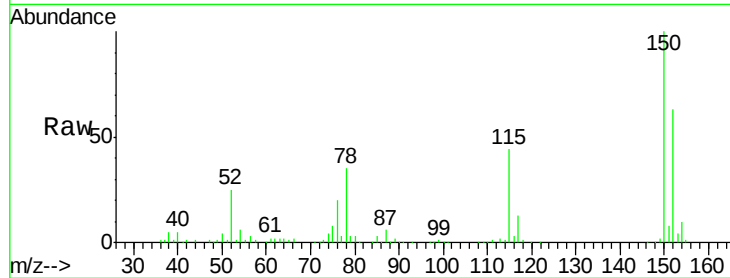
(#) = qualifier out of range (m) = manual integration (+) = signals summed



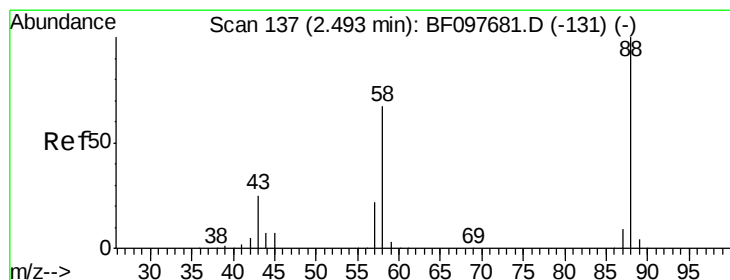
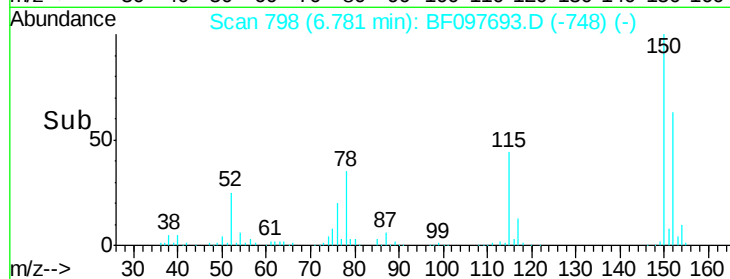
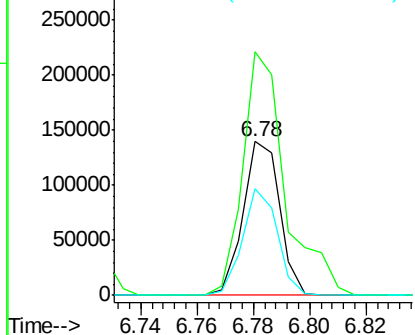
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion:152 Resp: 125312
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 69.6 52.2 78.2

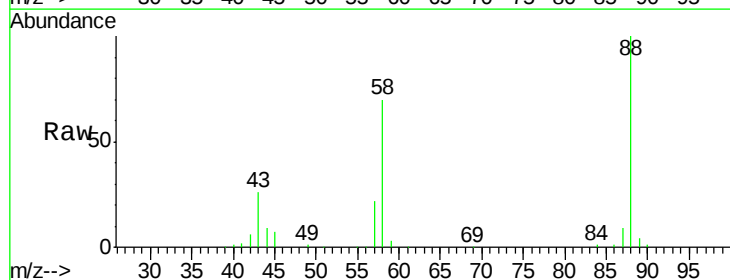


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

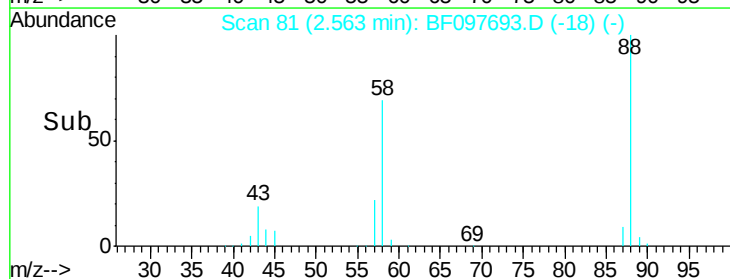
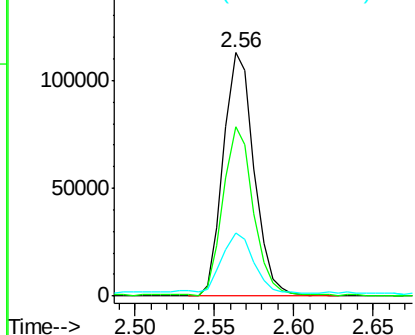


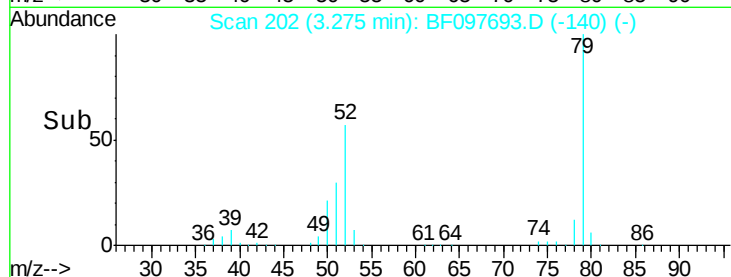
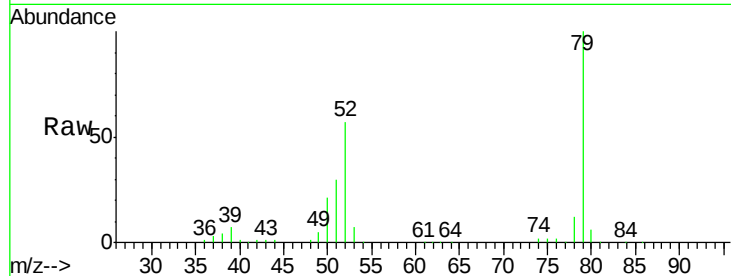
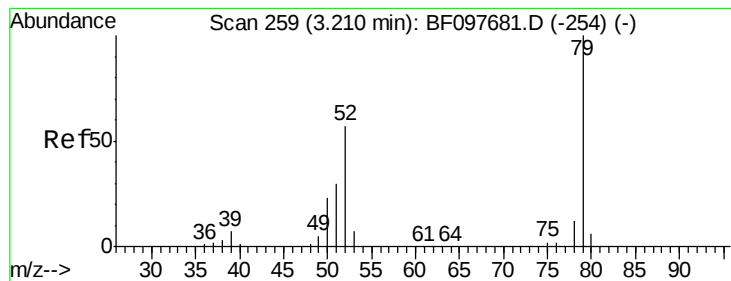
#2
 1,4-Dioxane
 Concen: 33.10 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.07 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion: 88 Resp: 152067
 Ion Ratio Lower Upper
 88 100
 58 68.6 61.4 92.0
 43 27.0 23.4 35.0



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





#3

Pvridine

Concen: 34.70 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.06 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

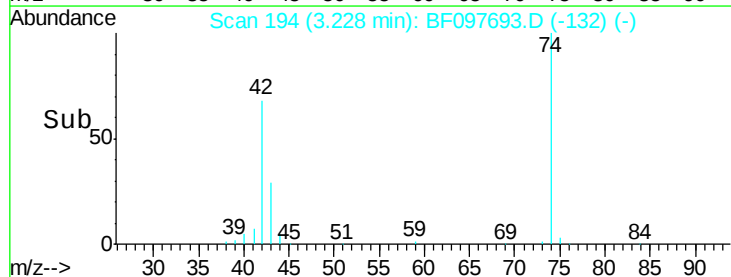
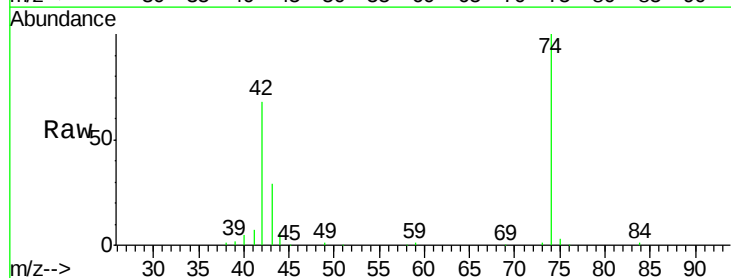
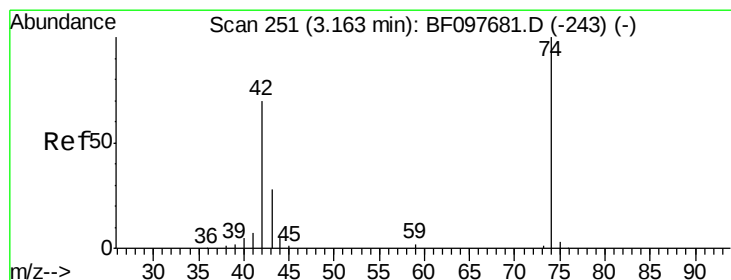
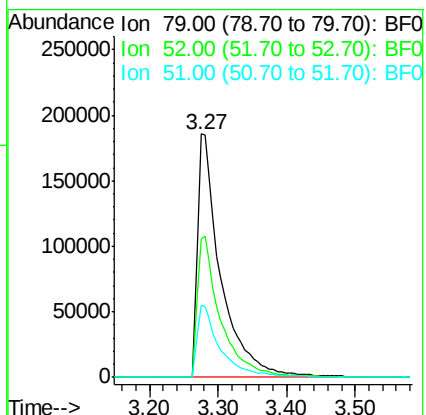
Tot Ion: 79 Resp: 440705

Ion Ratio Lower Upper

79 100

52 57.2 54.8 82.2

51 29.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 36.26 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.06 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

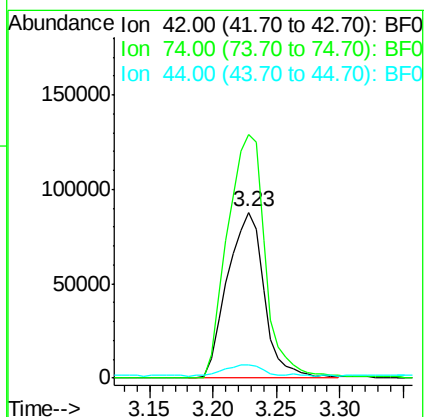
Tgt Ion: 42 Resp: 177232

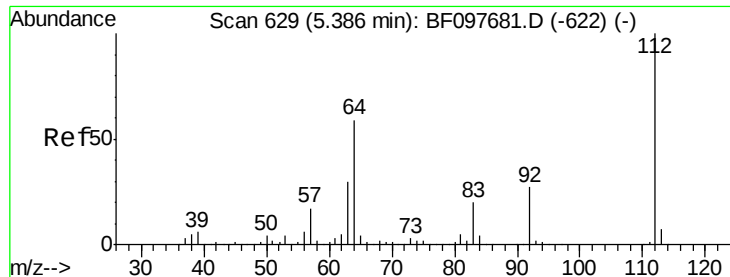
Ion Ratio Lower Upper

42 100

74 147.0 103.9 155.9

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 121.74 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

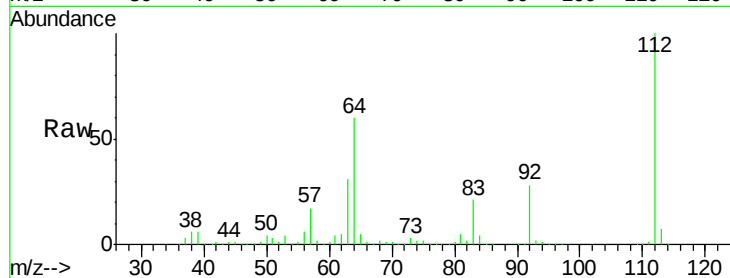
Tot Ion:112 Resp: 1002903

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

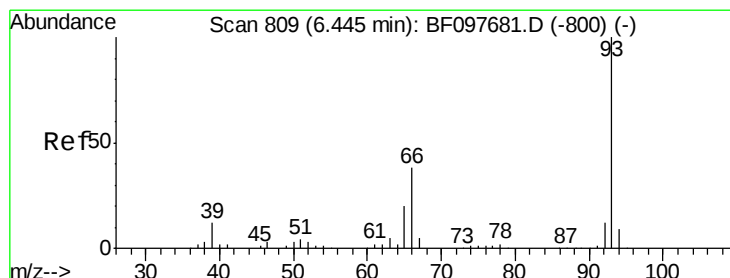
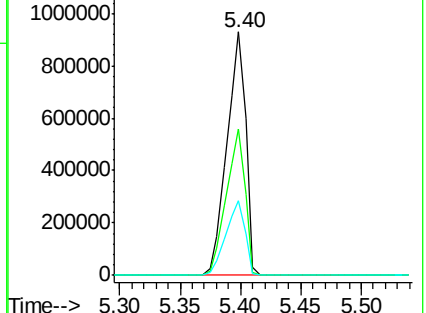
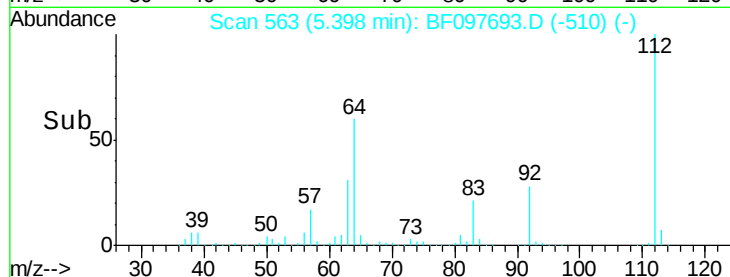
63 30.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.22 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

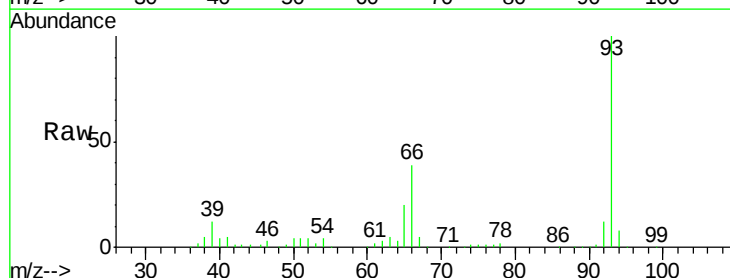
Tgt Ion: 93 Resp: 333717

Ion Ratio Lower Upper

93 100

66 39.2 32.9 49.3

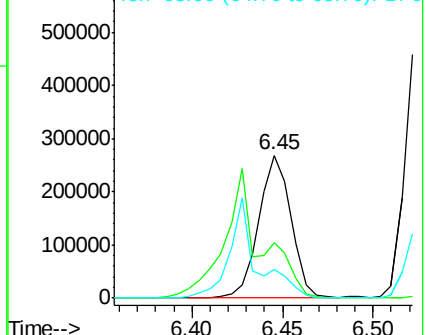
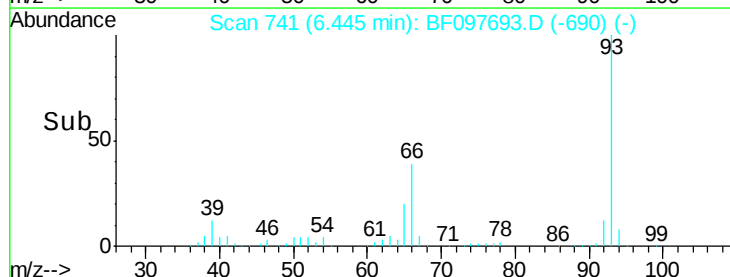
65 20.2 16.0 24.0

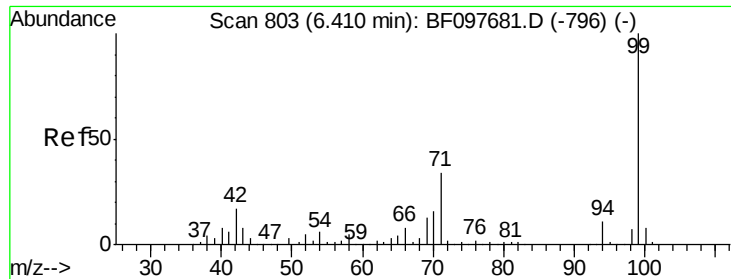


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.13 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

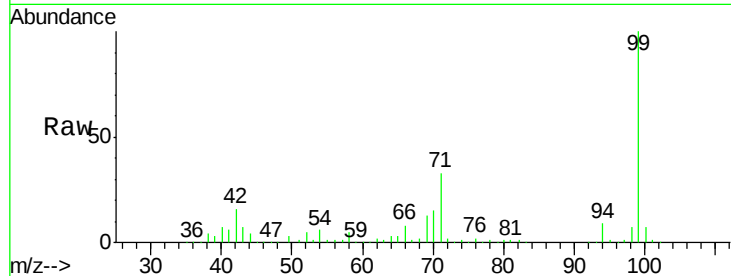
BNA_F

ClientSampleId :

PB101477BS

Tot Ion: 99 Resp: 1333526

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.3	24.5	36.7

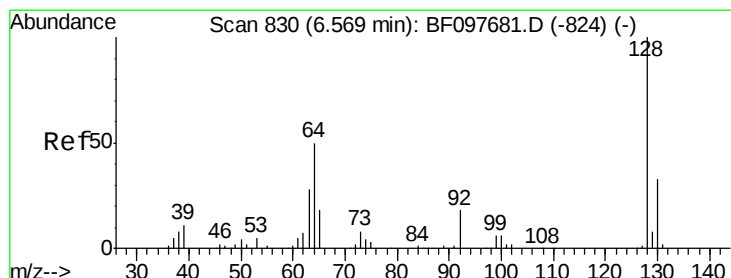
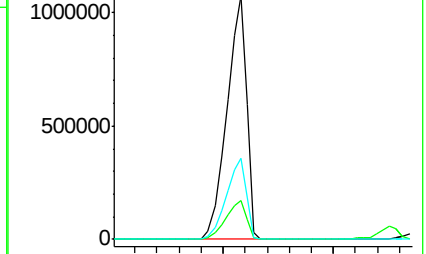
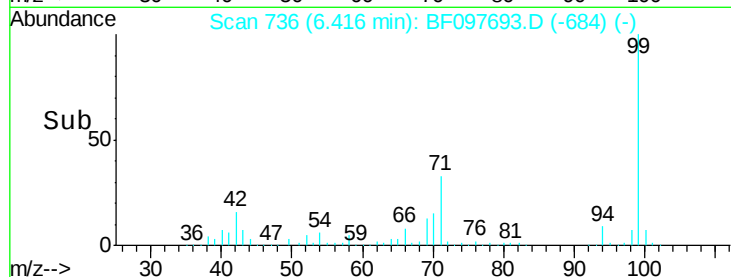


Abundance

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: 38.34 ng

RT: 6.57 min Scan# 762

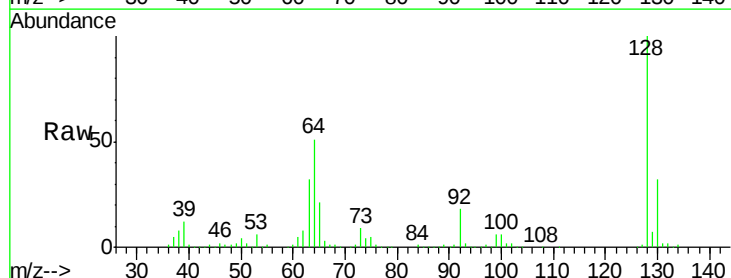
Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Tgt Ion: 128 Resp: 333128

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	51.1	28.4	68.4

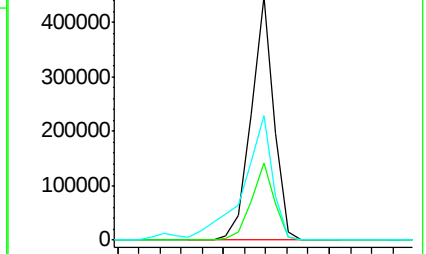
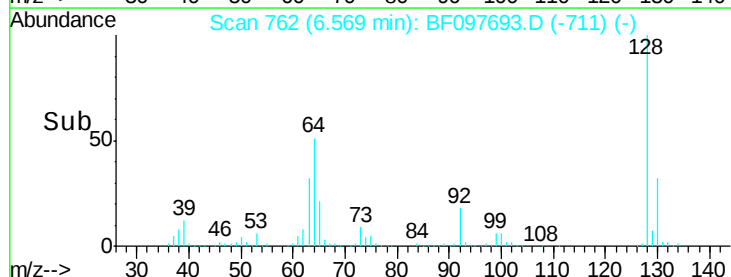


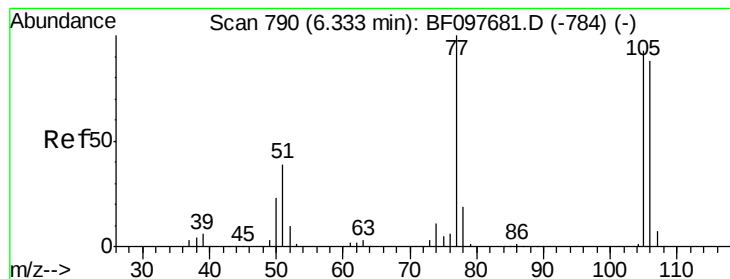
Abundance

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: 18.44 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

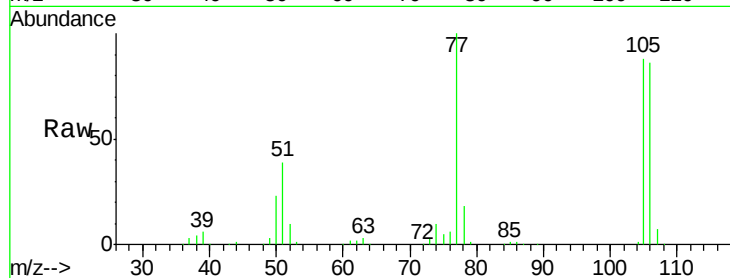
Tot Ion: 77 Resp: 130748

Ion Ratio Lower Upper

77 100

105 87.6 83.8 123.8

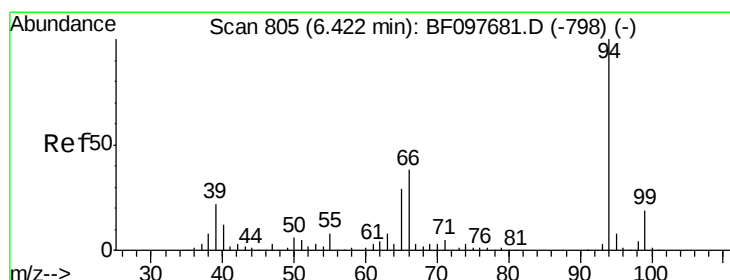
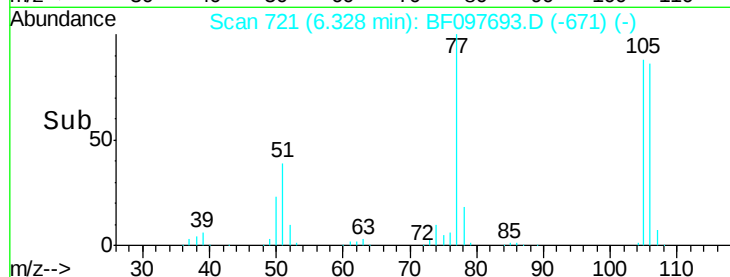
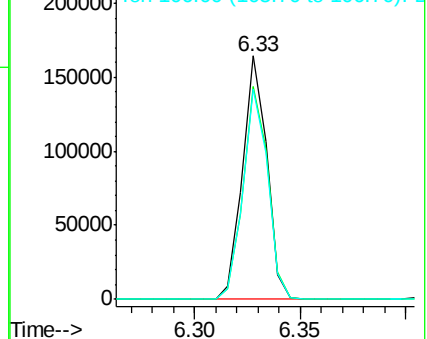
106 86.5 79.1 119.1



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: 36.90 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

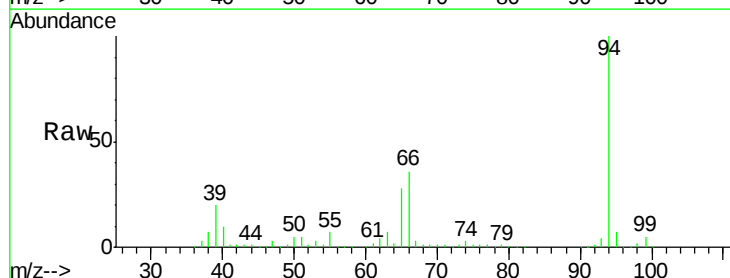
Tgt Ion: 94 Resp: 483067

Ion Ratio Lower Upper

94 100

65 27.7 9.9 49.9

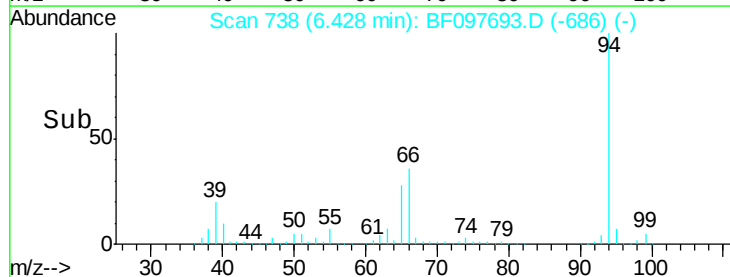
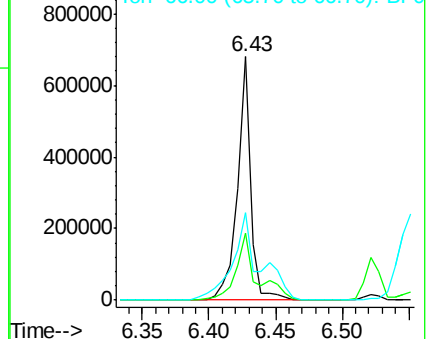
66 36.0 23.1 63.1

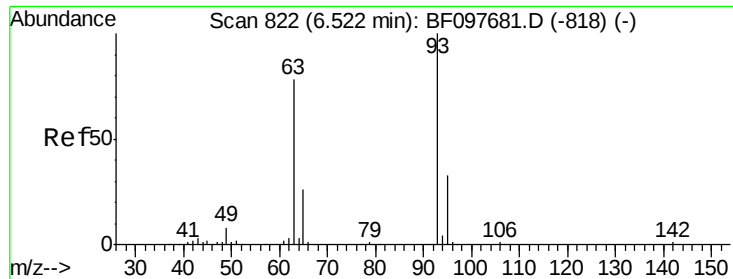


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

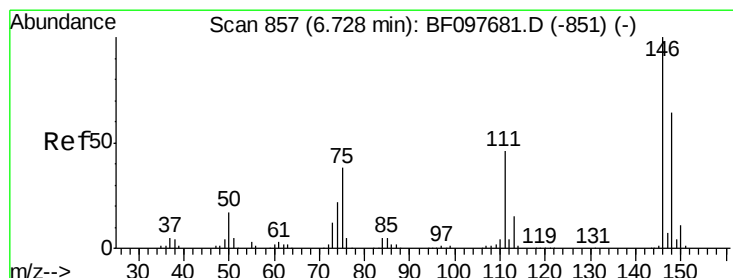
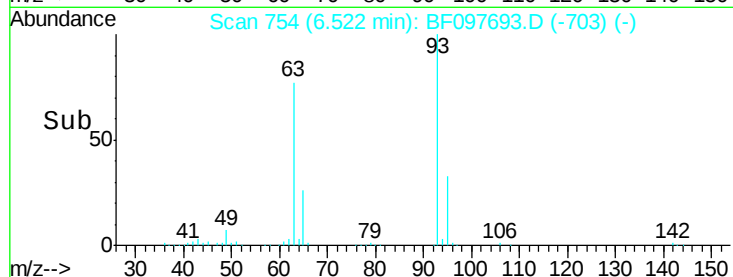
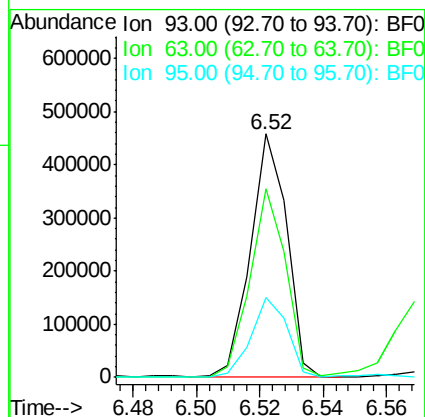
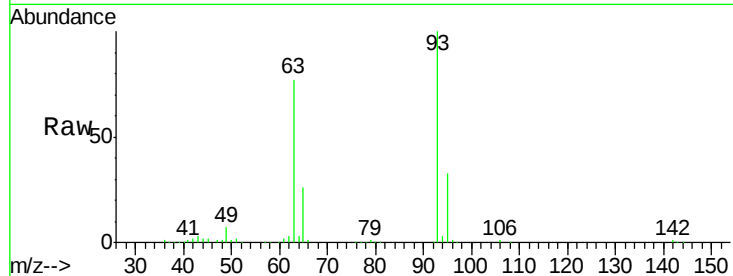




#11
 bis(2-Chloroethyl)ether
 Concen: 36.57 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

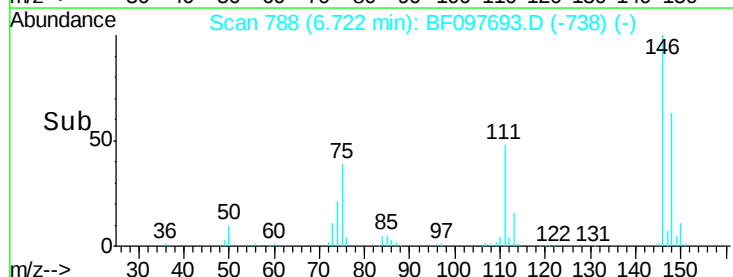
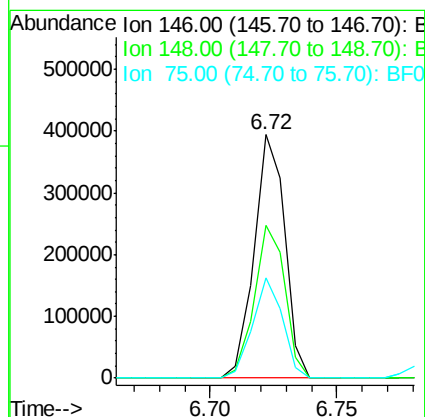
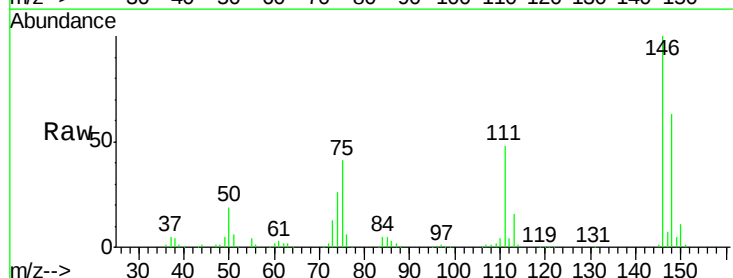
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

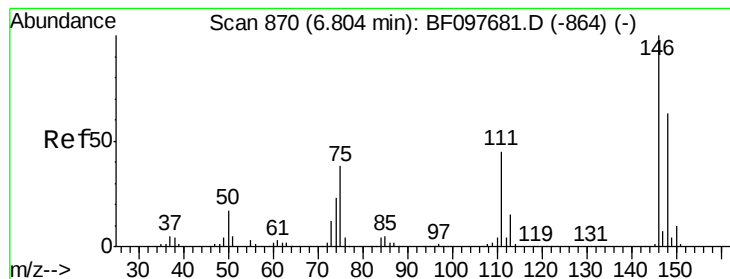
Tot Ion: 93 Resp: 361372
 Ion Ratio Lower Upper
 93 100
 63 77.2 59.2 99.2
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 35.61 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion: 146 Resp: 332748
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.6
 75 41.1 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 35.34 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

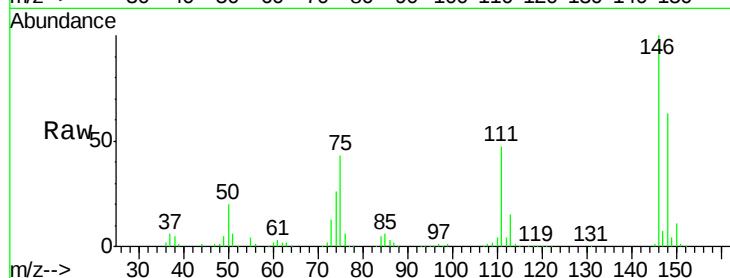
Tot Ion:146 Resp: 335900

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

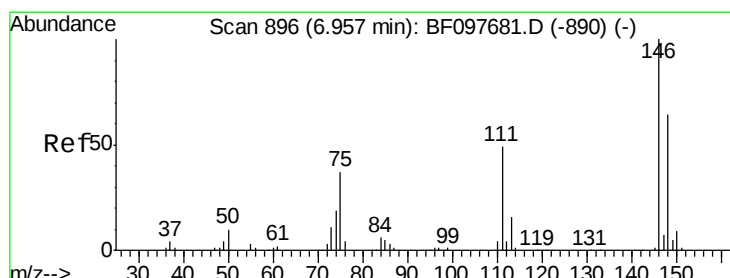
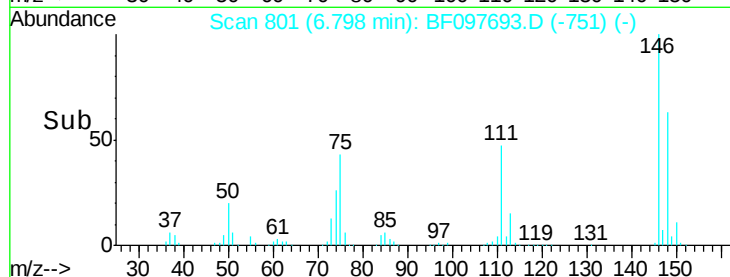
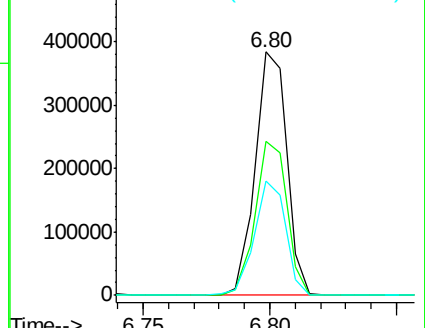
111 47.0 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.86 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

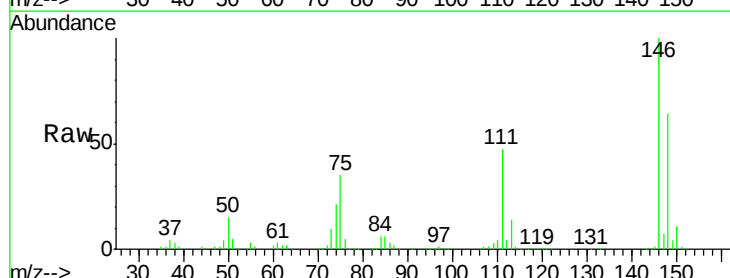
Tgt Ion:146 Resp: 314249

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

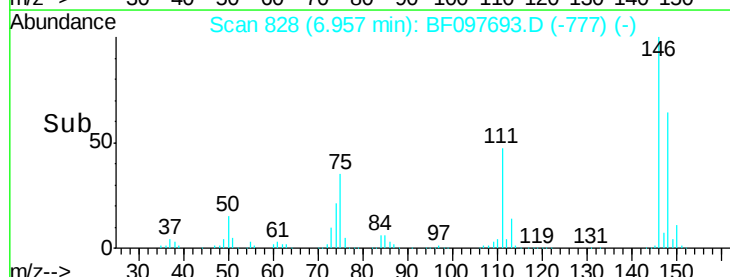
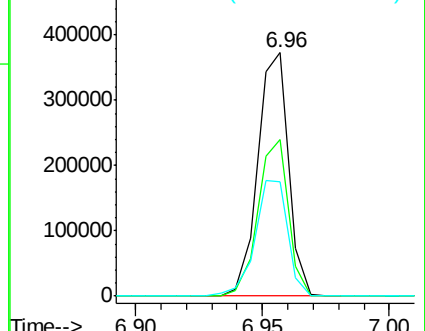
111 47.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.54 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

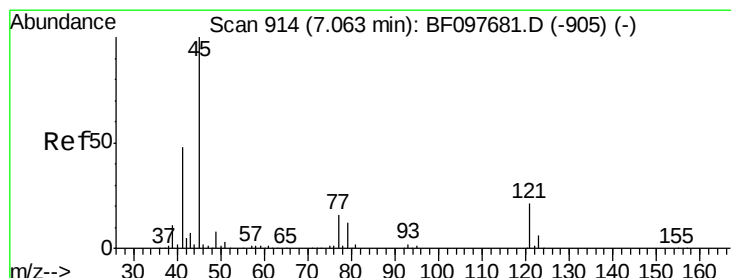
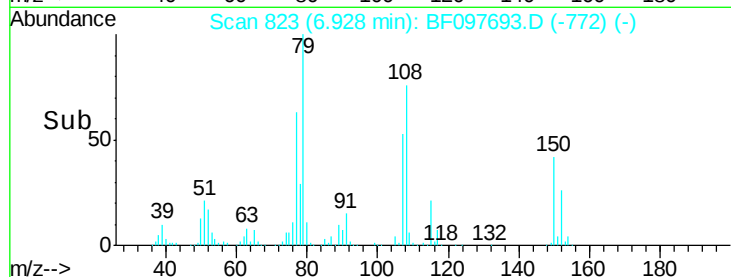
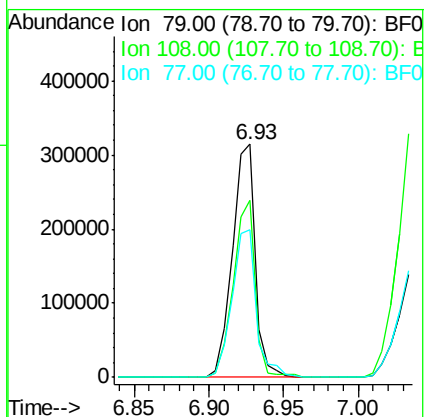
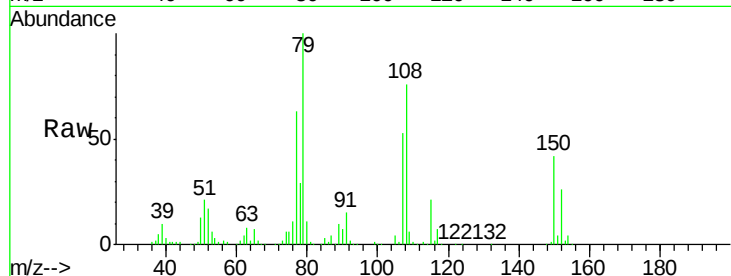
Tot Ion: 79 Resp: 339756

Ion Ratio Lower Upper

79 100

108 76.2 63.4 95.0

77 63.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.69 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

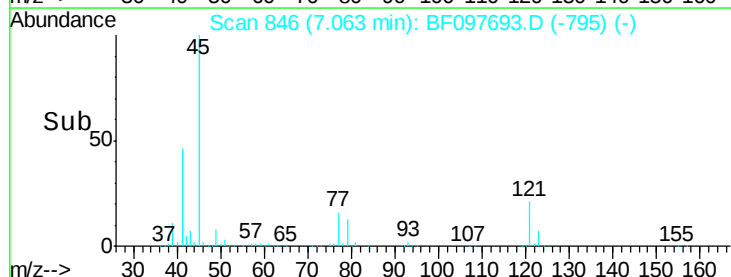
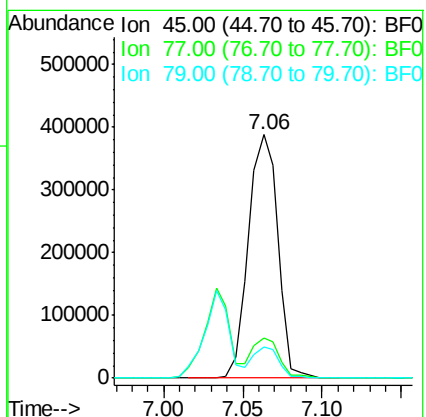
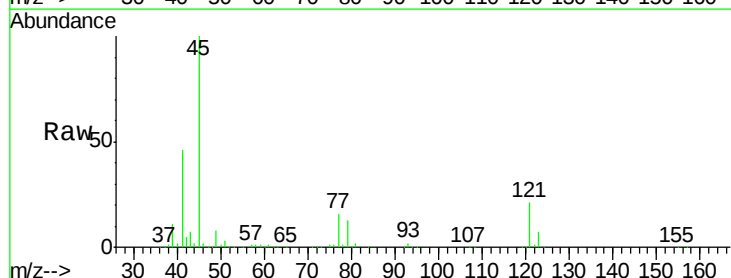
Tgt Ion: 45 Resp: 501018

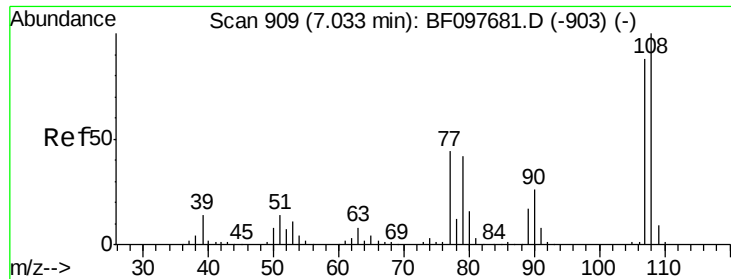
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.2

79 12.6 0.0 30.0

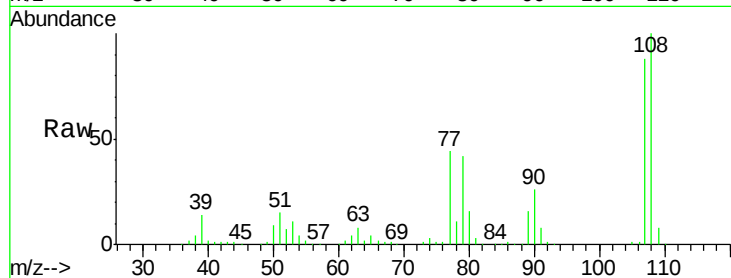




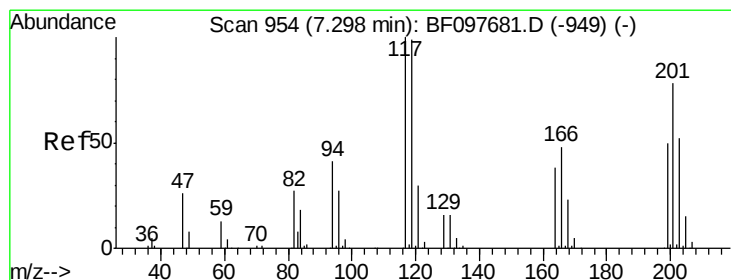
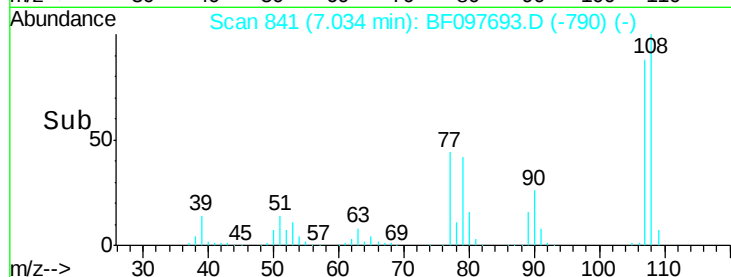
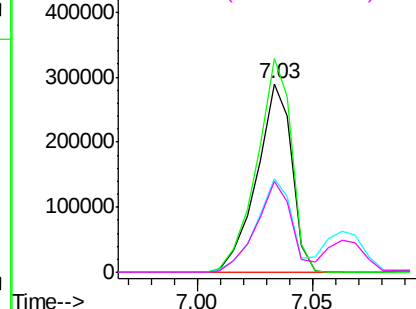
#17
2-Methylphenol
Concen: 39.98 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101477BS

Tot Ion:	107	Resp:	306139
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	49.8	35.8	53.6
79	48.1	34.8	52.2

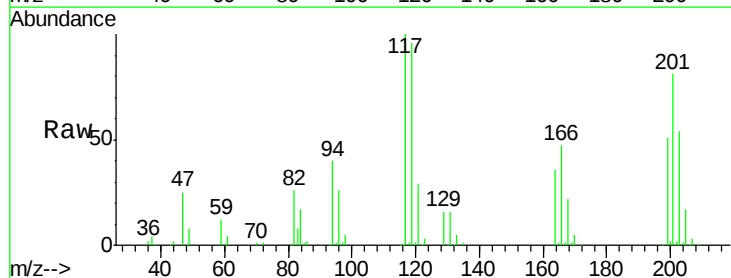


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

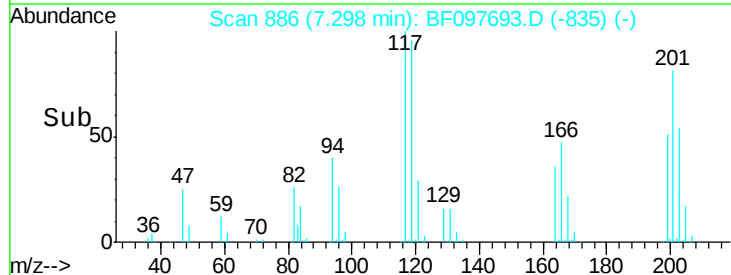
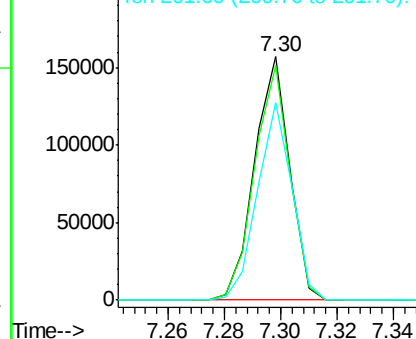


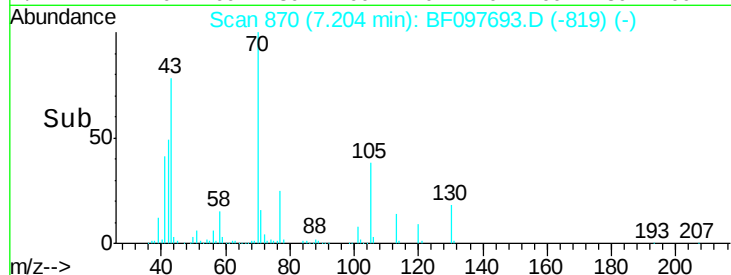
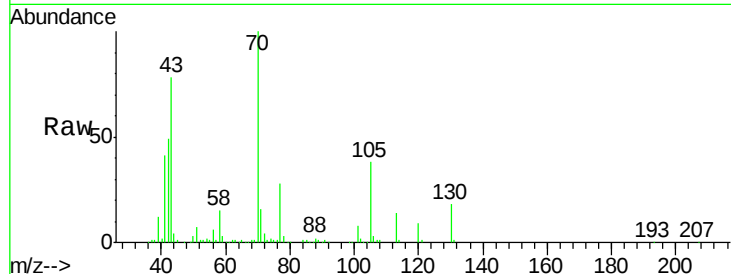
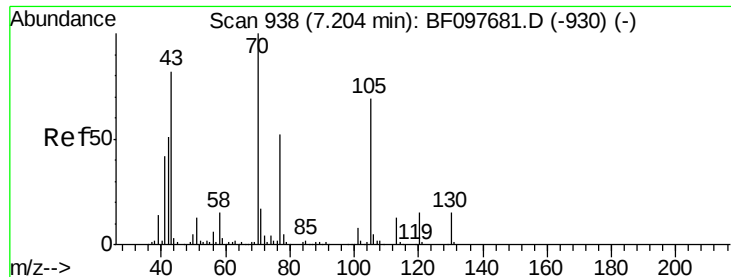
#18
Hexachloroethane
Concen: 36.39 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:	117	Resp:	135610
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	81.0	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

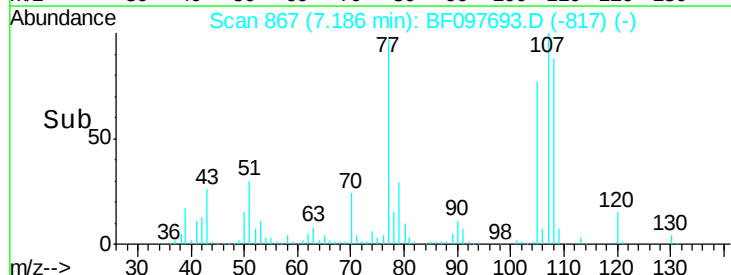
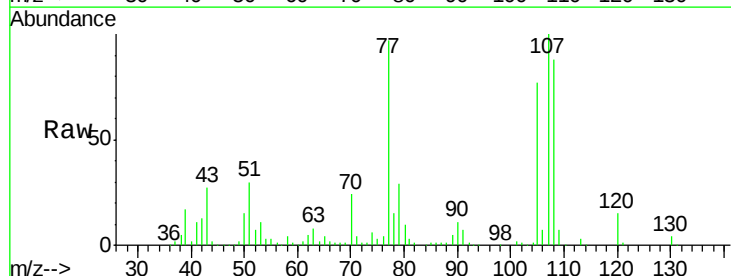
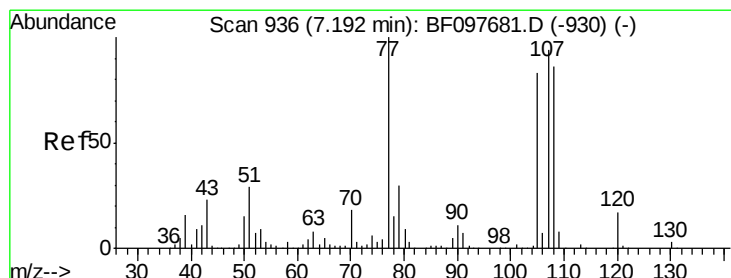
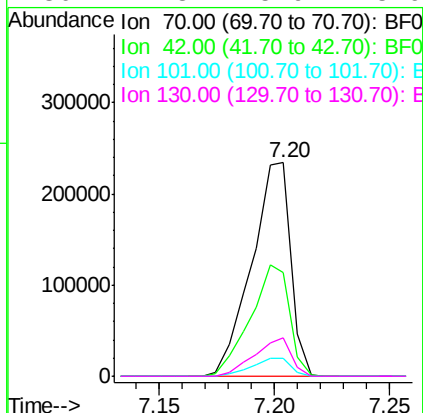




#19
n-Nitroso-di-n-propylamine
Concen: 36.18 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

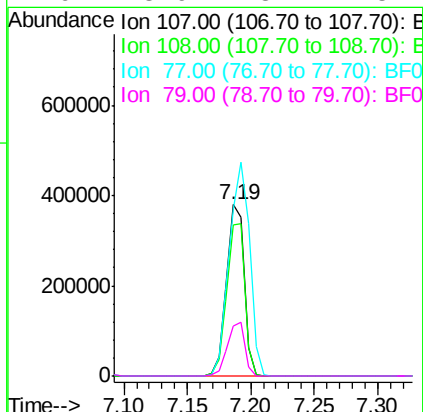
Instrument :
BNA_F
ClientSampleId :
PB101477BS

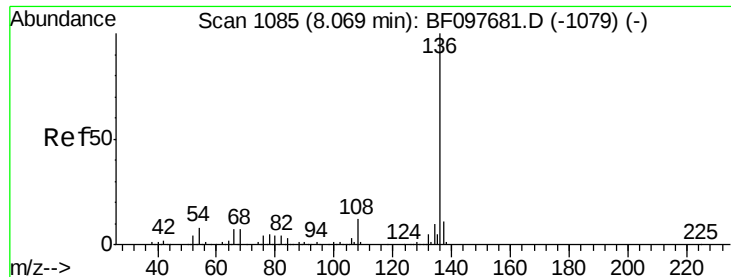
Tot Ion:	70	Resp:	277237
Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.2	70.8
101	8.5	7.2	10.8
130	17.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.49 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:	107	Resp:	369307
Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.0	111.0
77	97.0	90.5	130.5
79	28.9	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: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

Tot Ion:136 Resp: 512325

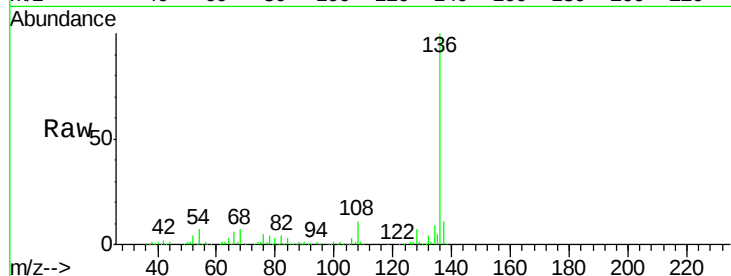
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 6.8 4.1 6.1#

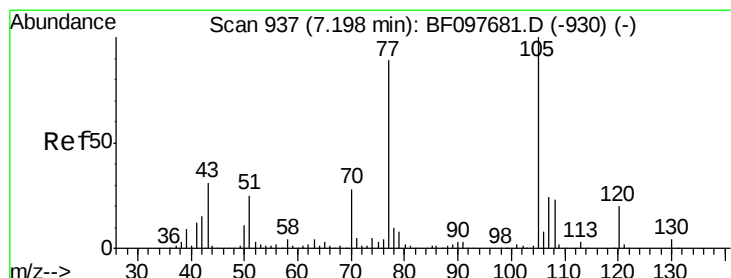
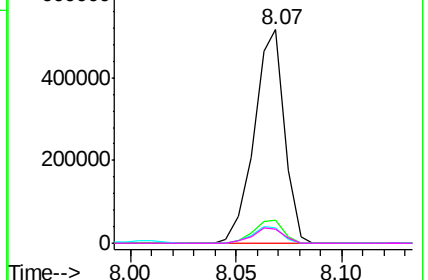
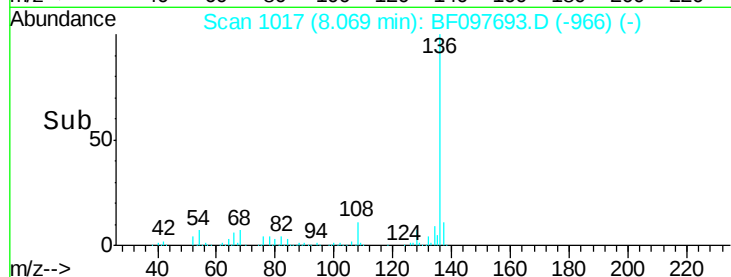


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.42 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Tgt Ion:105 Resp: 492892

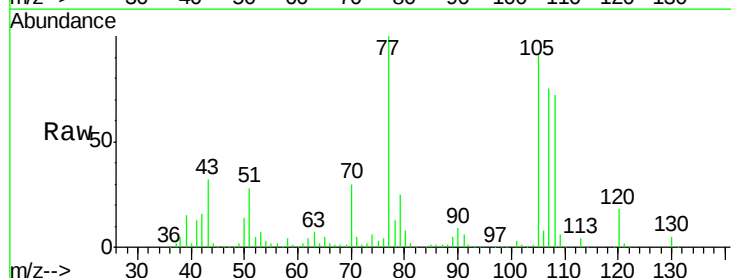
Ion Ratio Lower Upper

105 100

71 5.3 2.8 4.2#

51 30.9 30.7 46.1

120 20.2 17.4 26.0

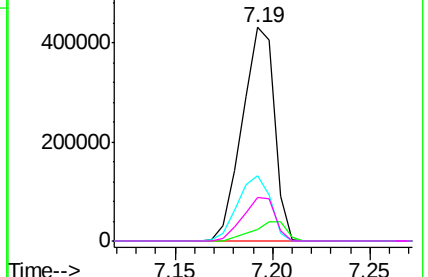
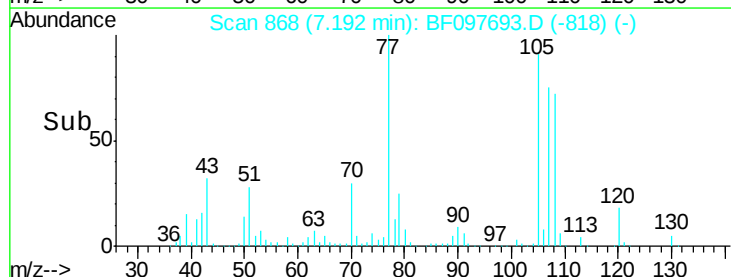


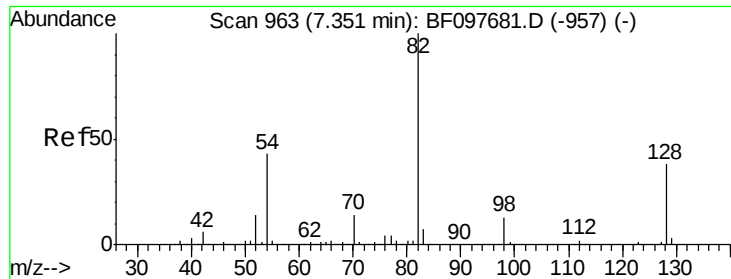
Abundance Ion 105.00 (104.70 to 105.70): E

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

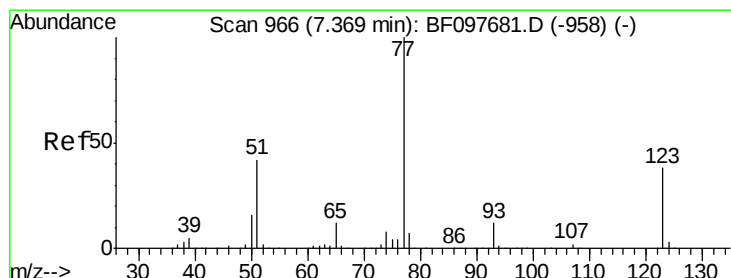
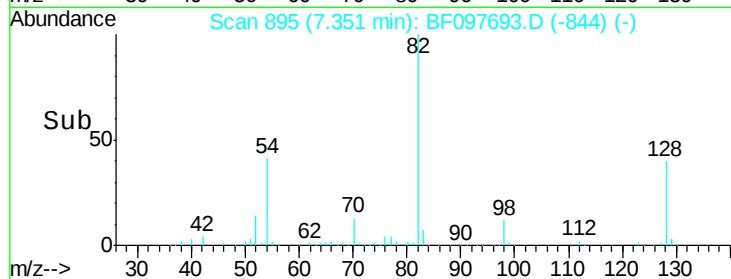
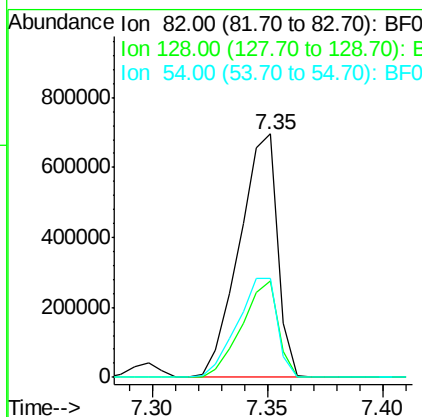
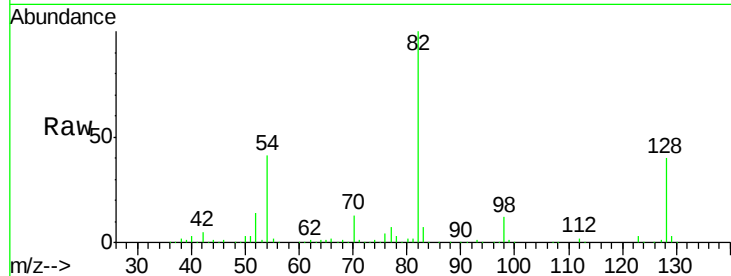




#23
 Nitrobenzene-d5
 Concen: 85.34 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

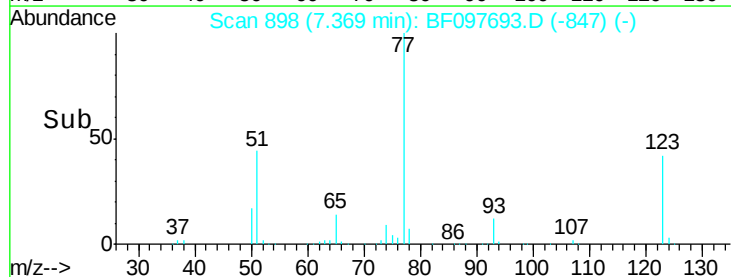
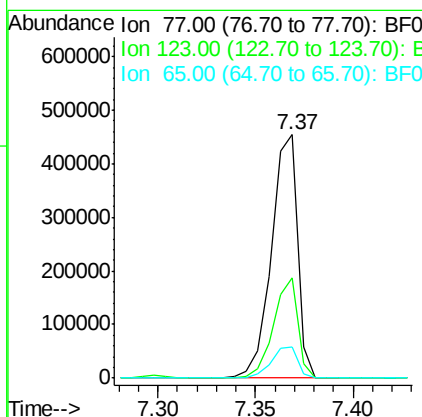
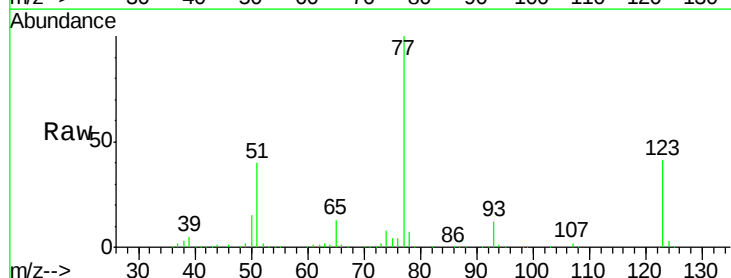
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

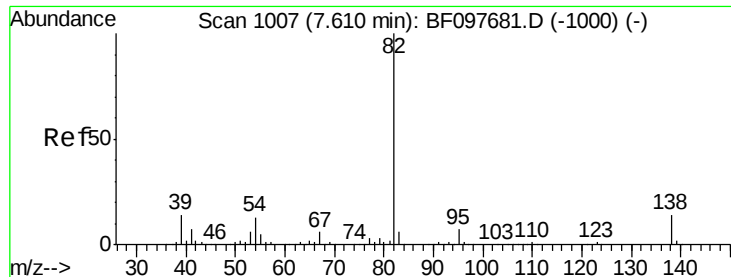
Tot Ion: 82 Resp: 804864
 Ion Ratio Lower Upper
 82 100
 128 39.6 34.0 51.0
 54 40.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.15 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion: 77 Resp: 421627
 Ion Ratio Lower Upper
 77 100
 123 41.4 35.8 53.8
 65 12.6 10.6 15.8





#25

Isophorone

Concen: 39.00 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

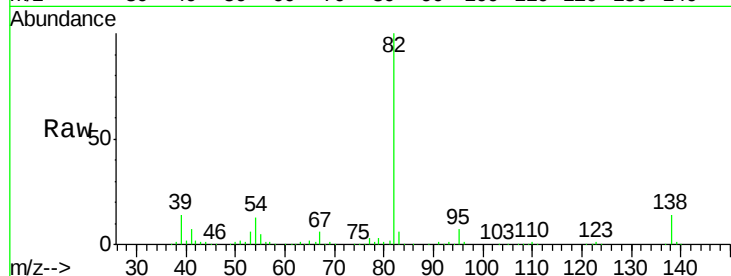
Tot Ion: 82 Resp: 764820

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

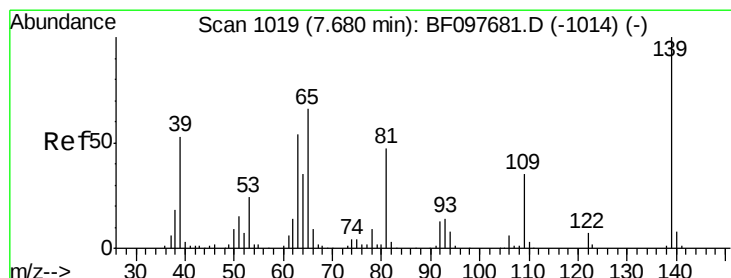
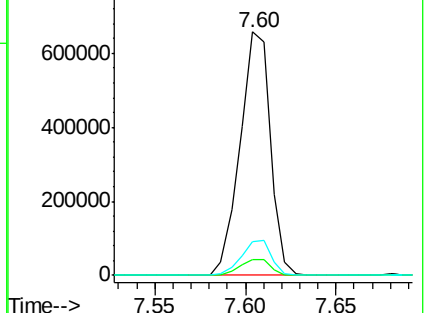
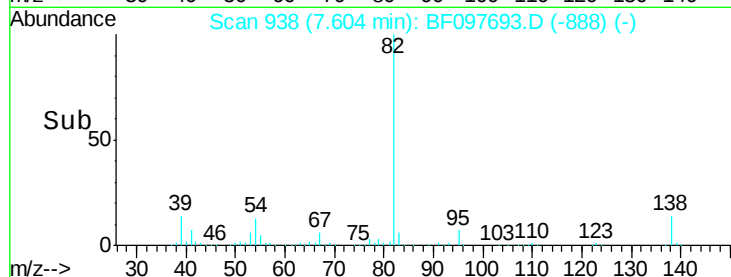
138 14.0 13.1 19.7



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: 39.98 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

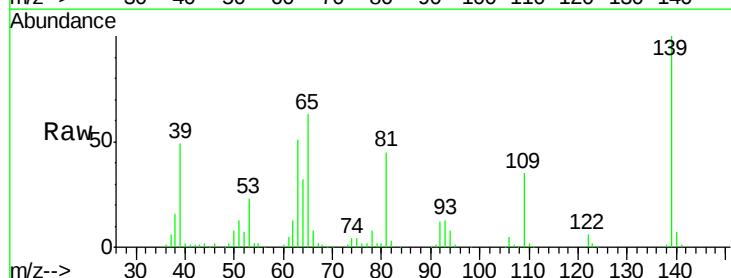
Tgt Ion: 139 Resp: 148343

Ion Ratio Lower Upper

139 100

109 35.2 21.0 31.6#

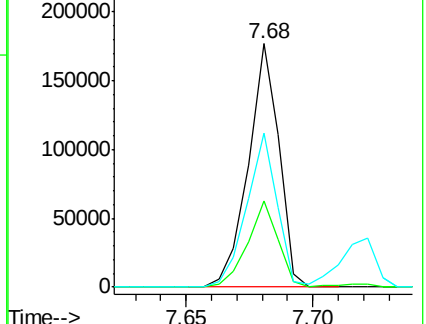
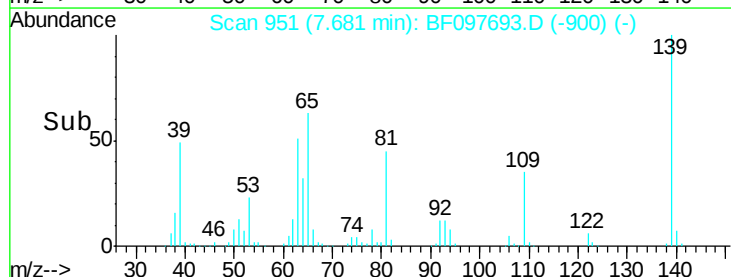
65 63.2 33.0 49.6#

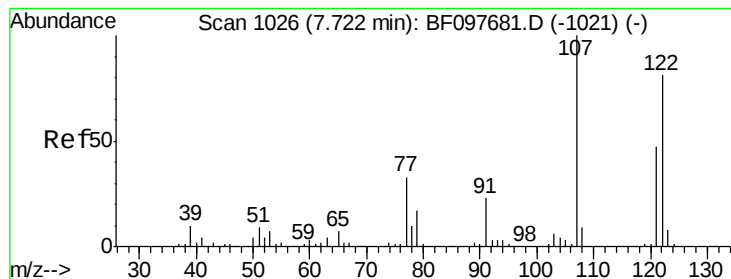


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

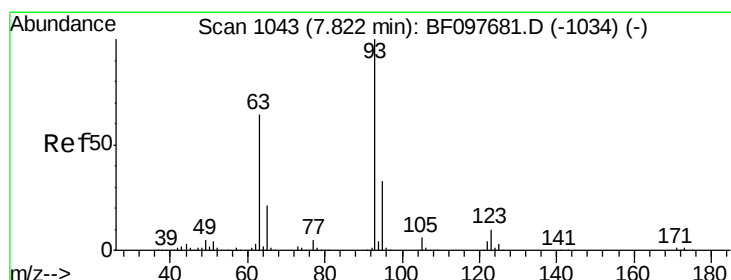
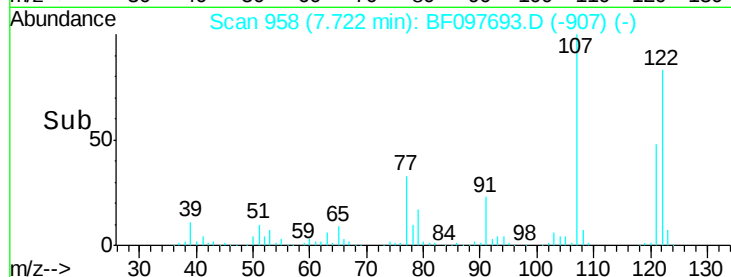
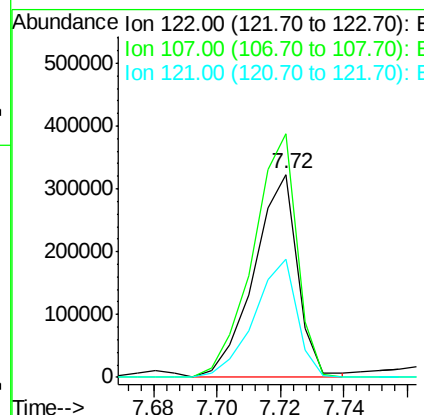
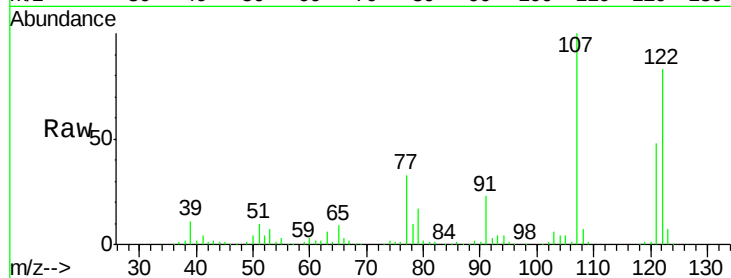




#27
 2,4-Dimethylphenol
 Concen: 37.86 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

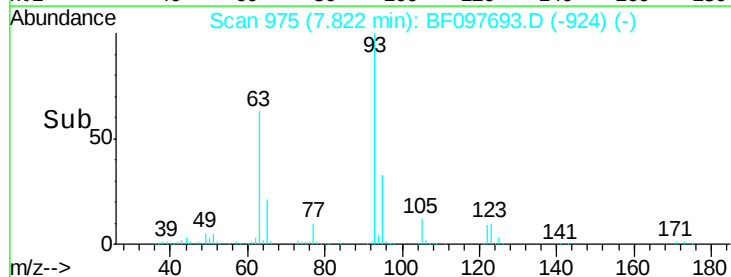
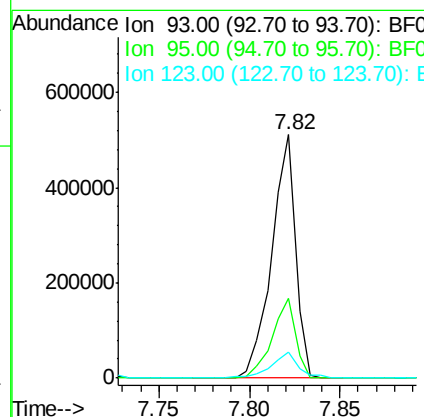
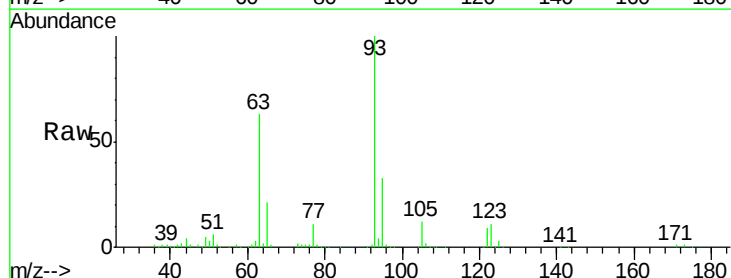
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

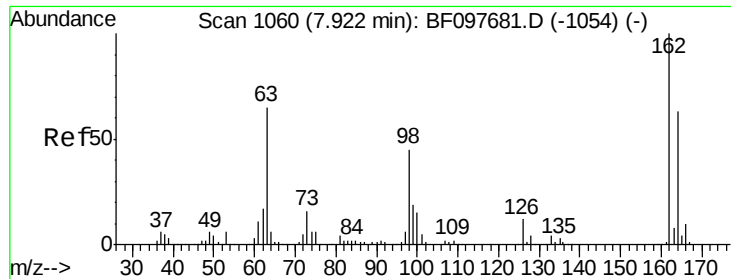
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	89.2	133.8
121	58.1	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.35 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.6	9.0	13.4

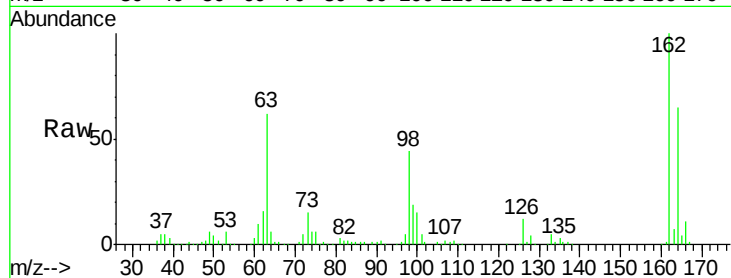




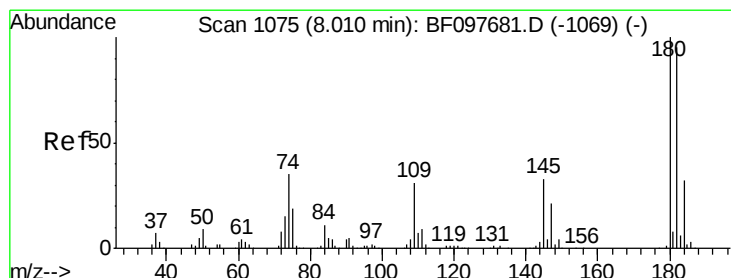
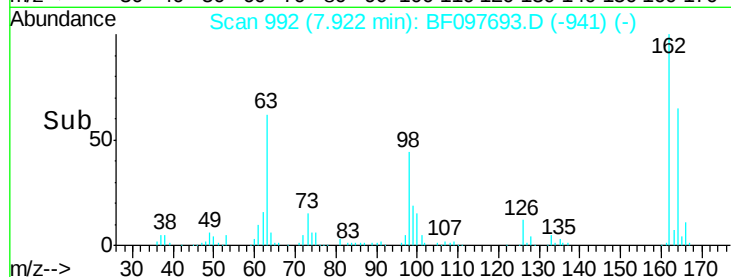
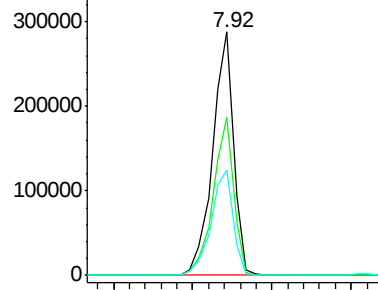
#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	43.5	14.8	54.8

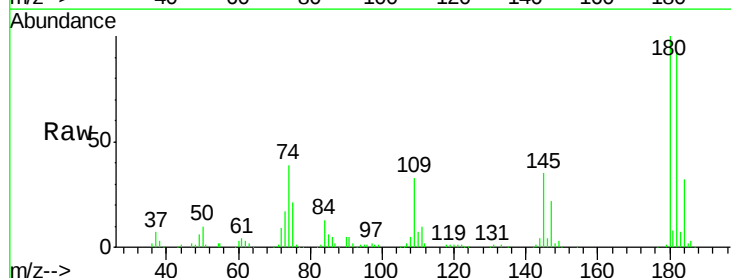


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

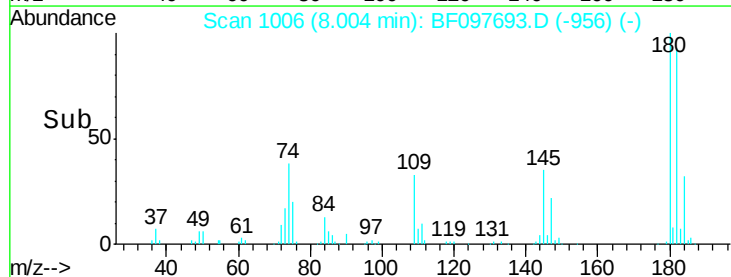
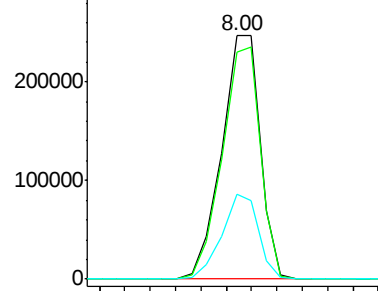


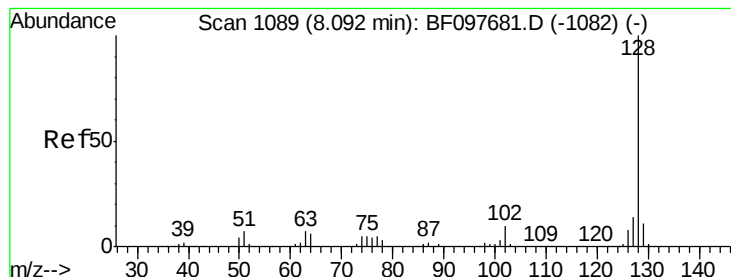
#30
 1,2,4-Trichlorobenzene
 Concen: 34.84 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	35.0	25.3	37.9



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





#31

Naphthalene

Concen: 35.89 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

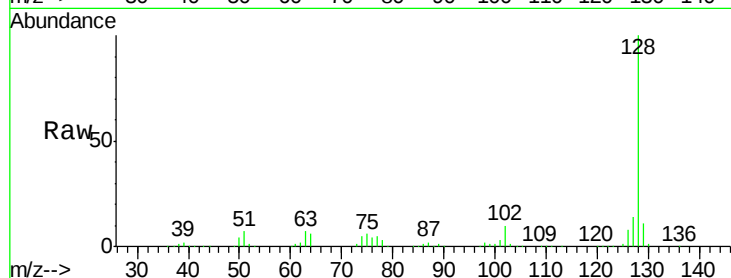
Tot Ion:128 Resp: 954622

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

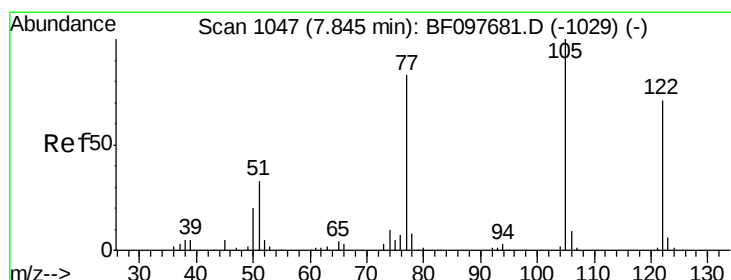
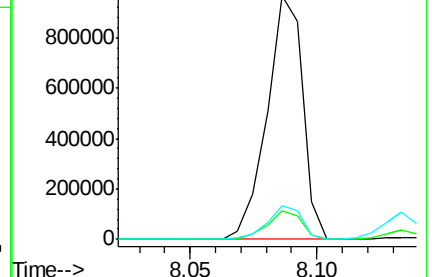
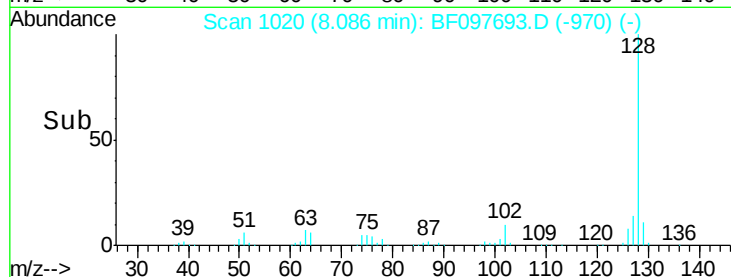
127 13.7 10.8 16.2



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: 35.26 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

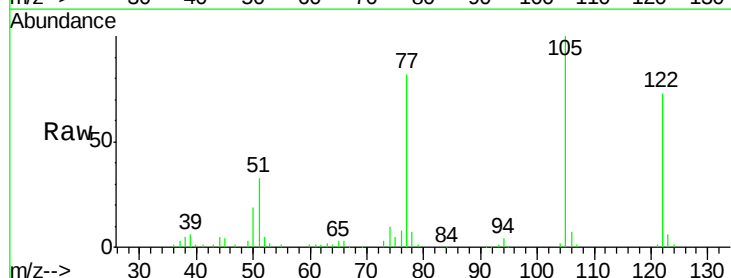
Tgt Ion:122 Resp: 198429

Ion Ratio Lower Upper

122 100

105 136.8 103.3 143.3

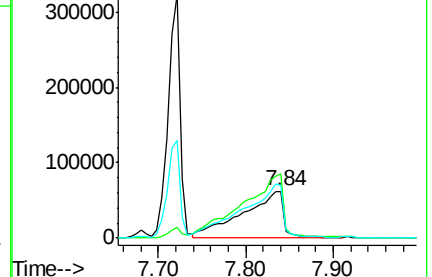
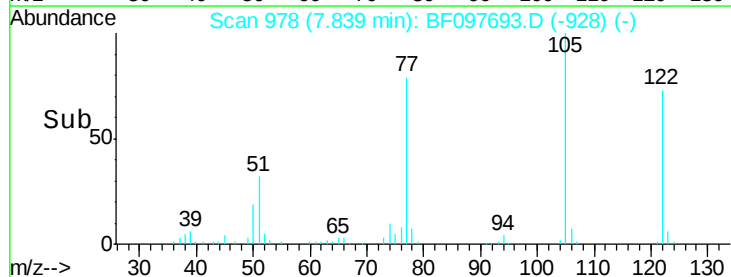
77 112.0 73.7 113.7

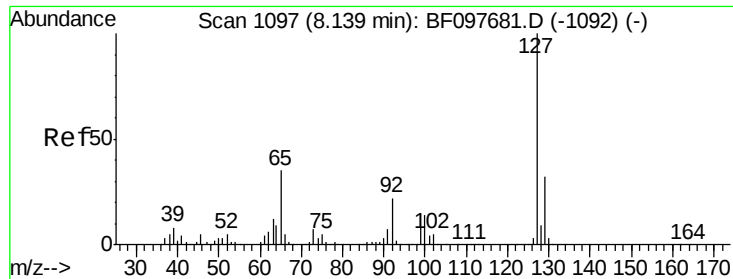


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

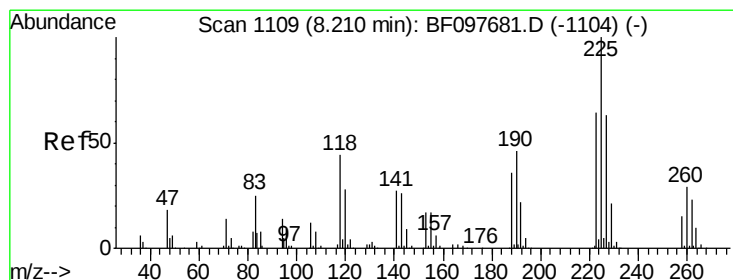
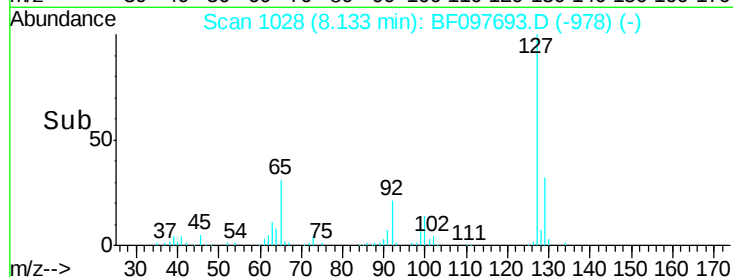
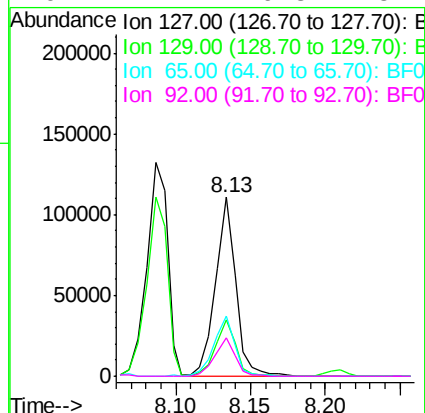
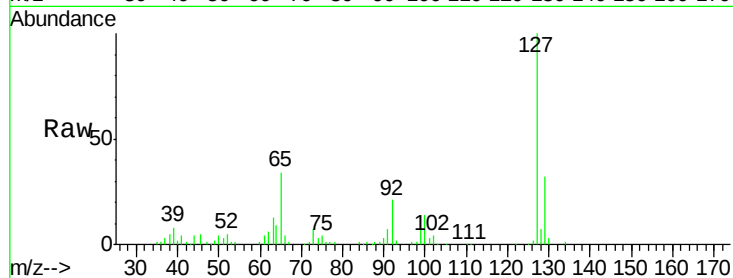




#33
4-Chloroaniline
Concen: 9.38 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

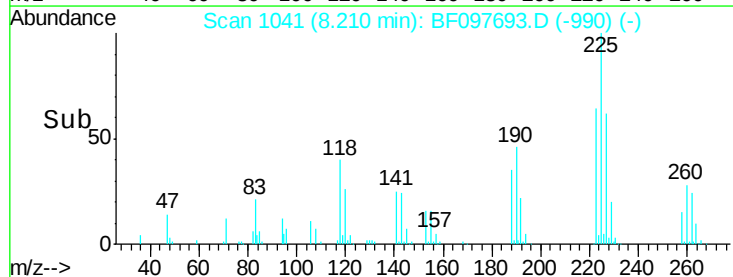
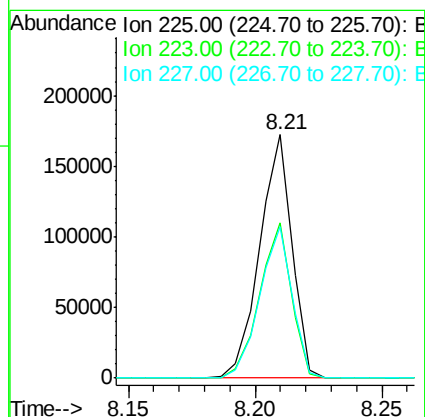
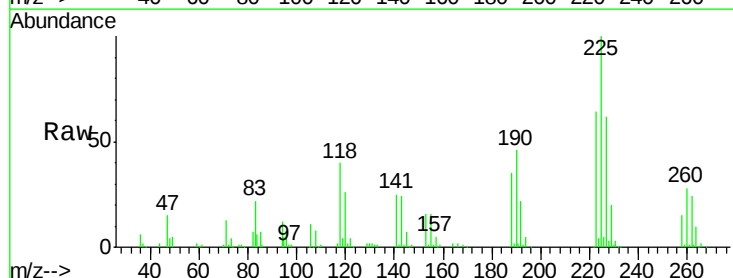
Instrument :
BNA_F
ClientSampleId :
PB101477BS

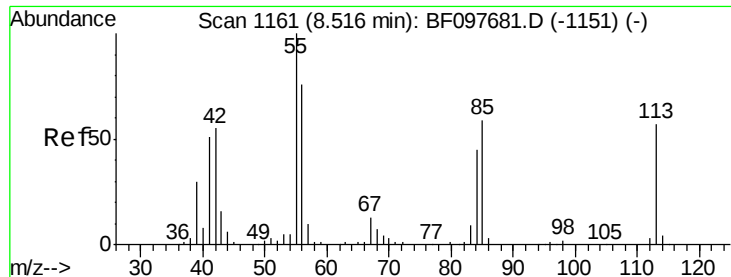
Tot Ion:	127	Resp:	105204
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	34.0	27.8	41.8
92	21.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.95 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:	225	Resp:	153597
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	62.0	51.1	76.7

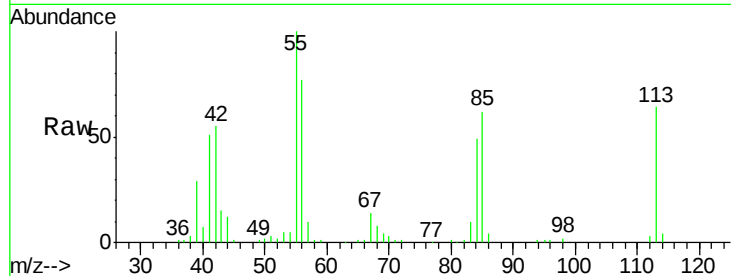




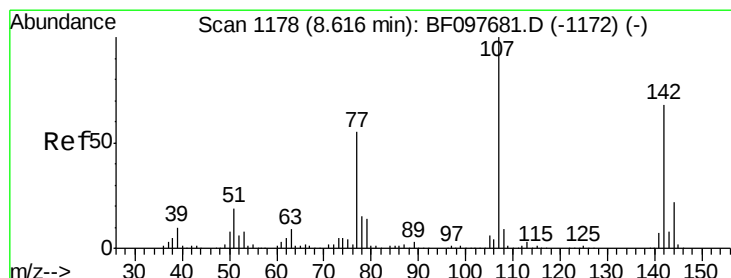
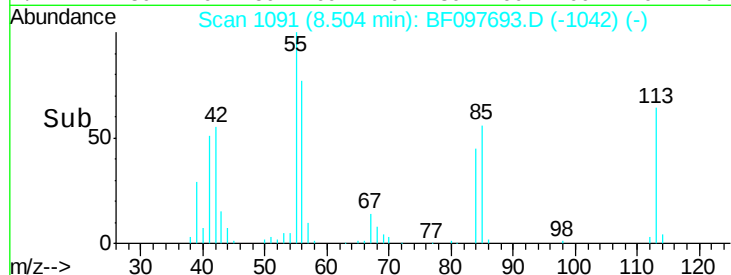
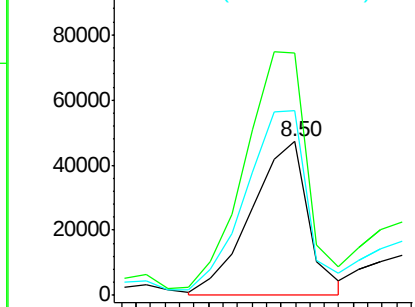
#35
Caprolactam
Concen: 22.73 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101477BS

Tot Ion:113 Resp: 52460
Ion Ratio Lower Upper
113 100
55 157.4 150.2 190.2
56 120.5 107.8 147.8

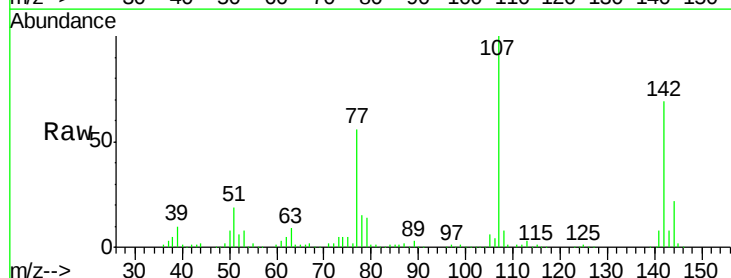


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

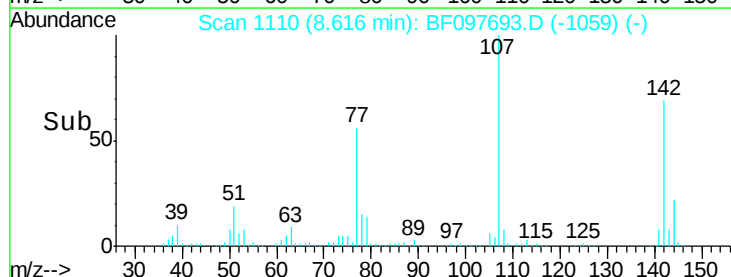
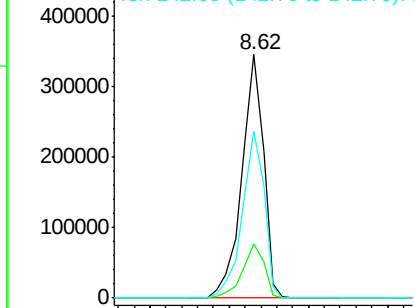


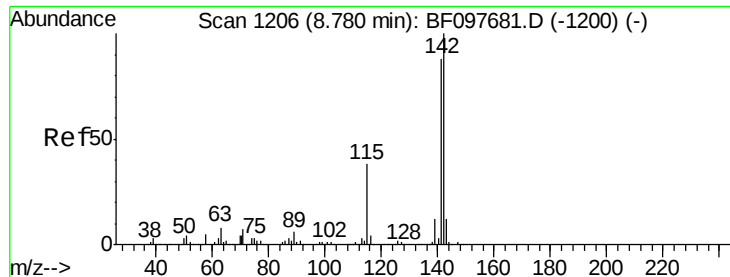
#36
4-Chloro-3-methylphenol
Concen: 37.62 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:107 Resp: 328100
Ion Ratio Lower Upper
107 100
144 22.1 24.2 36.4#
142 68.6 73.4 110.0#



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

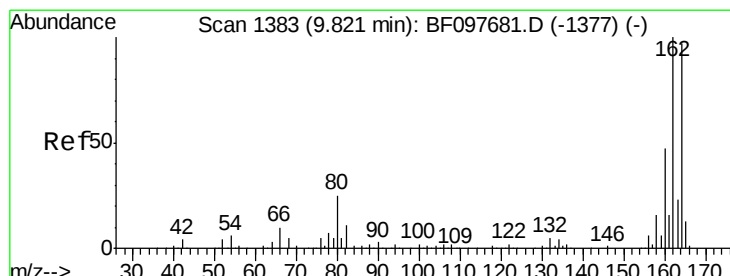
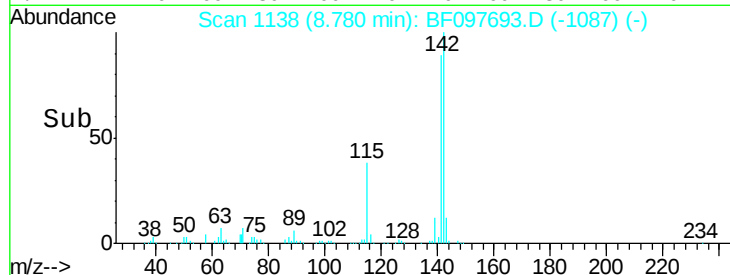
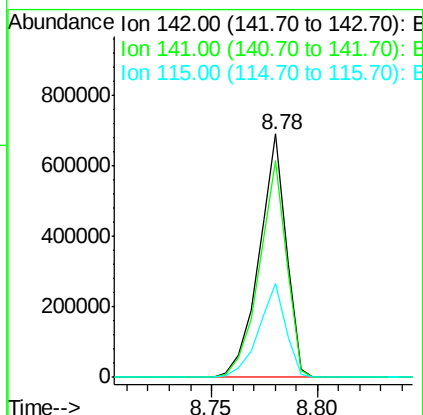
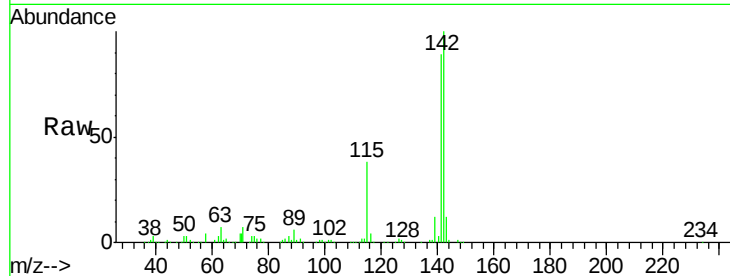




#37
2-Methylnaphthalene
Concen: 37.81 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

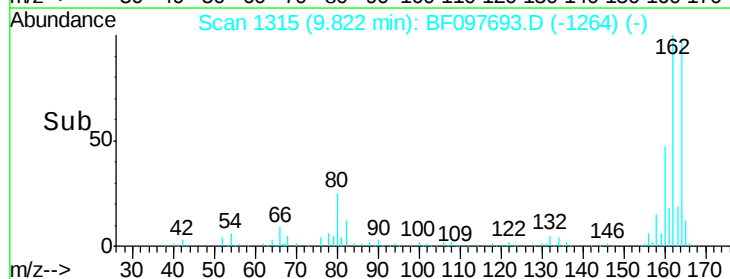
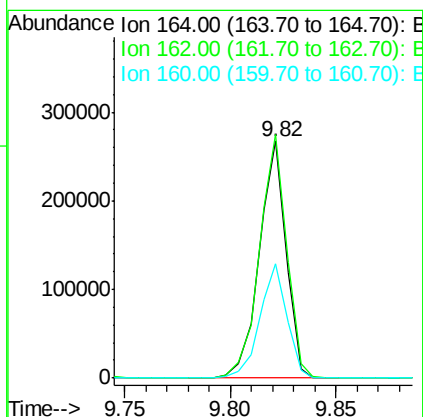
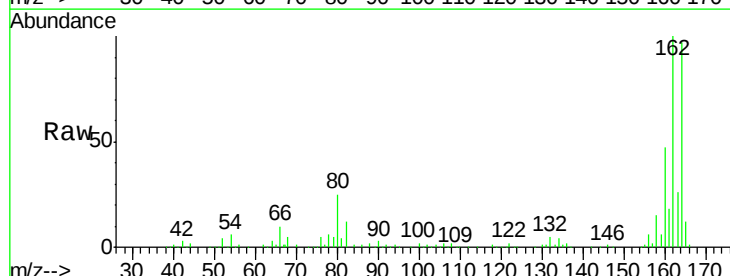
Instrument :
BNA_F
ClientSampleId :
PB101477BS

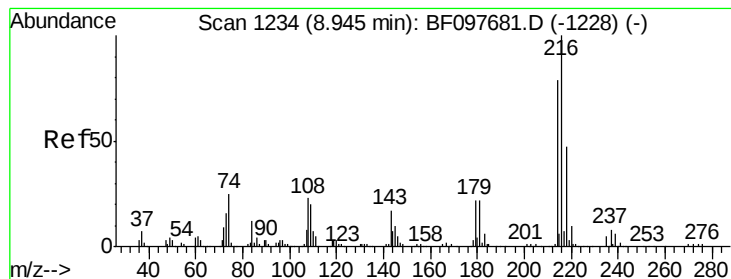
Tot Ion:142 Resp: 616472
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 38.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:164 Resp: 235806
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 48.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.62 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

Tot Ion:216 Resp: 243291

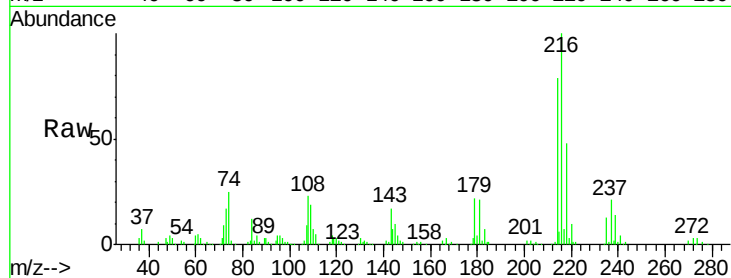
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 21.5 17.9 26.9

108 27.5 16.5 24.7#

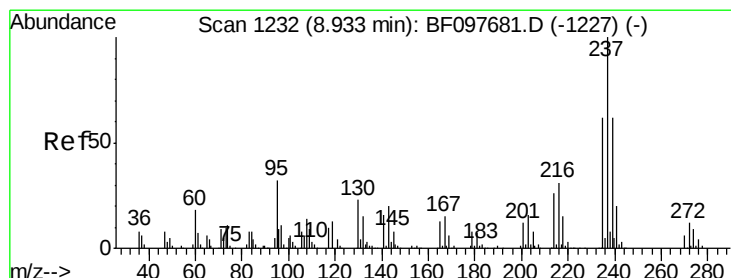
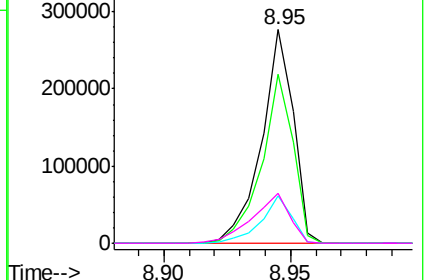
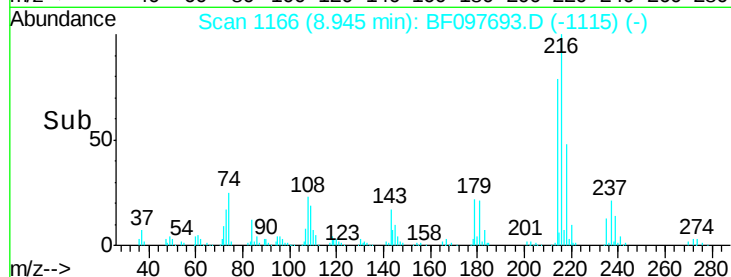


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.79 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

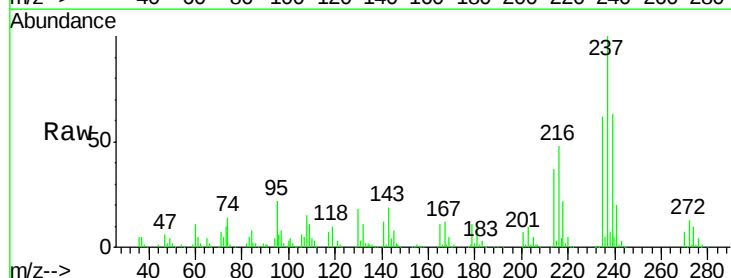
Tgt Ion:237 Resp: 312163

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

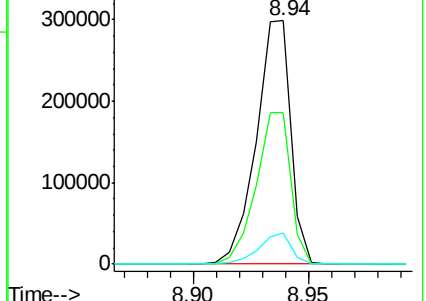
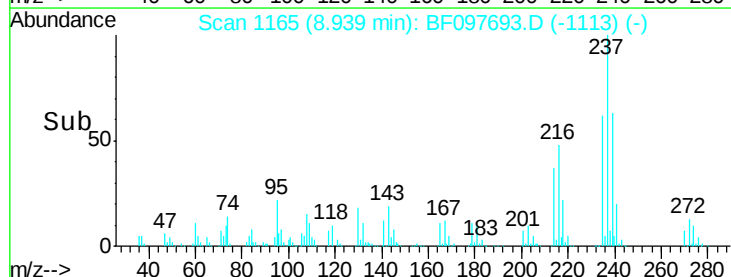
272 12.7 0.0 31.9

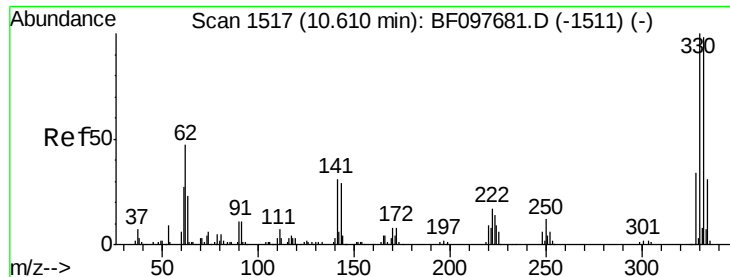


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

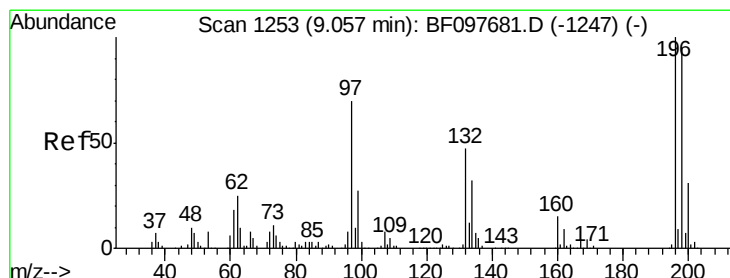
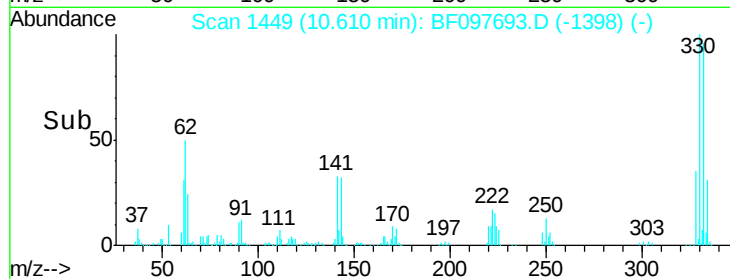
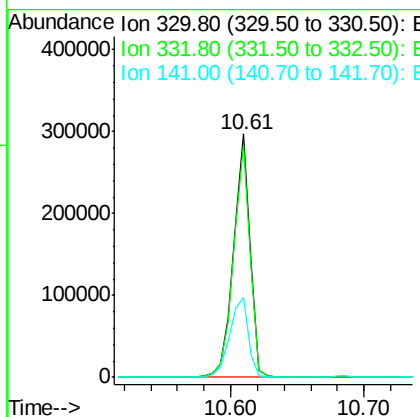
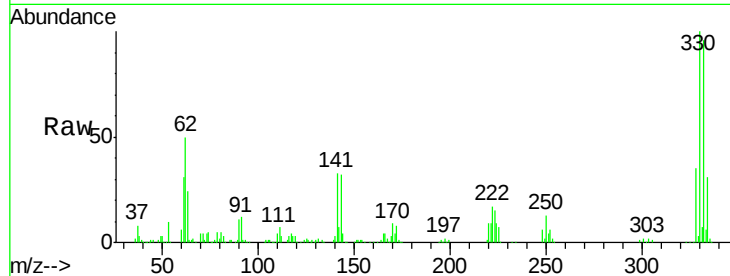




#41
 2,4,6-Tribromophenol
 Concen: 127.07 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

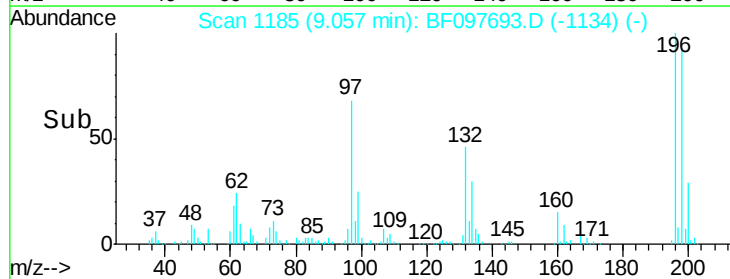
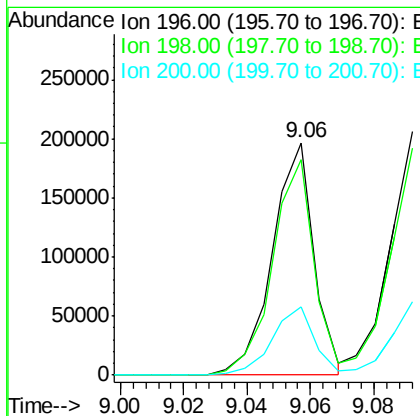
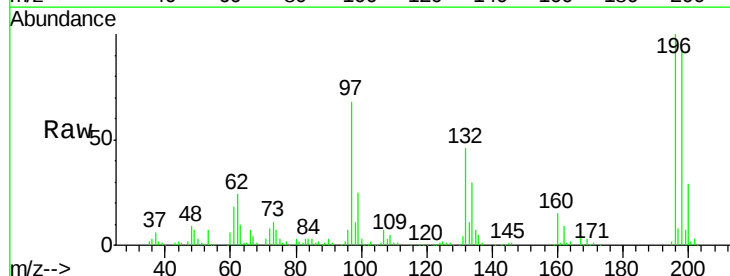
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion	330	Resp	259980
Ion Ratio	100		
Lower	76.6		
Upper	115.0		
332	95.8		
141	37.2		
	31.4		



#42
 2,4,6-Trichlorophenol
 Concen: 36.93 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion	196	Resp	179443
Ion Ratio	100		
Lower	74.2		
Upper	111.4		
198	92.8		
200	29.4		
	24.0		

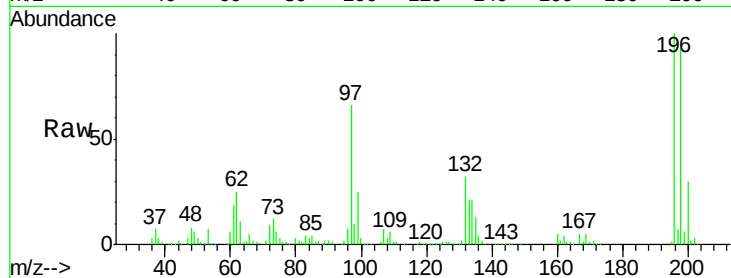




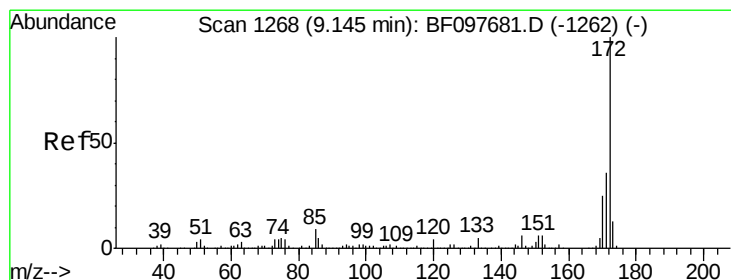
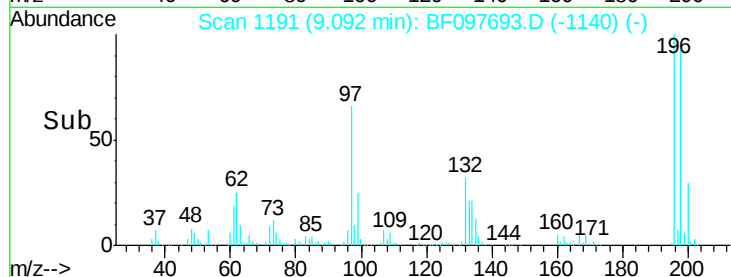
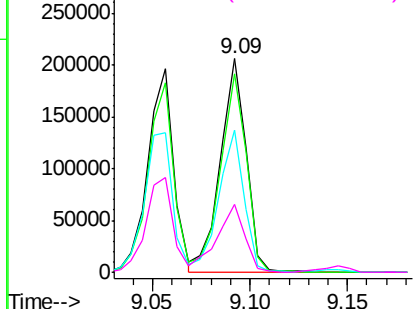
#43
 2,4,5-Trichlorophenol
 Concen: 39.21 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion:	196	Resp:	189015
Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
97	66.4	47.7	71.5
132	31.5	28.0	42.0

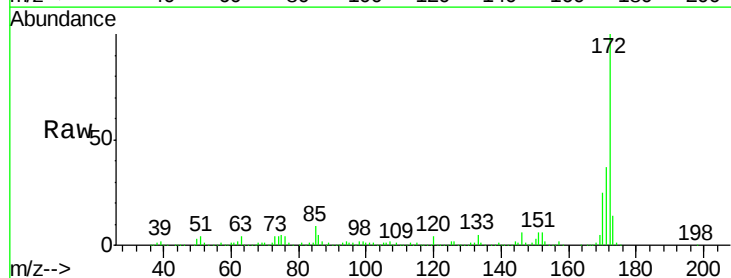


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

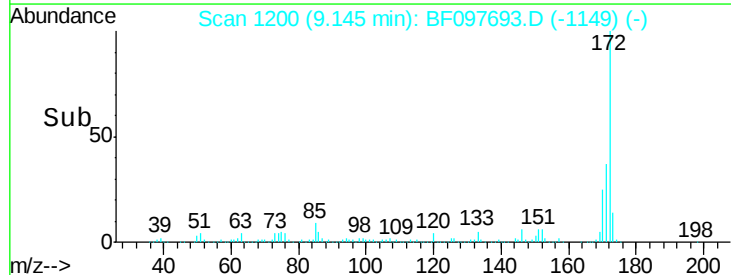
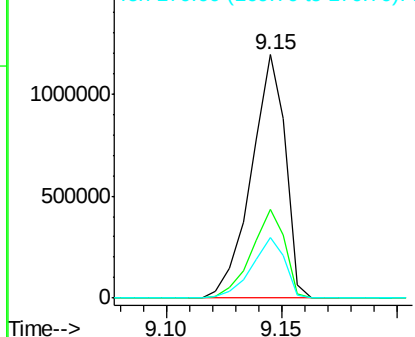


#44
 2-Fluorobiphenyl
 Concen: 76.40 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:	172	Resp:	1226146
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	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

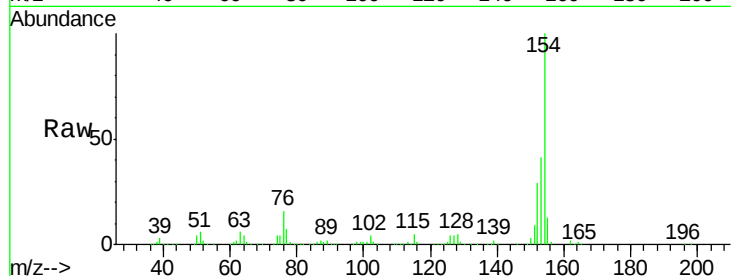




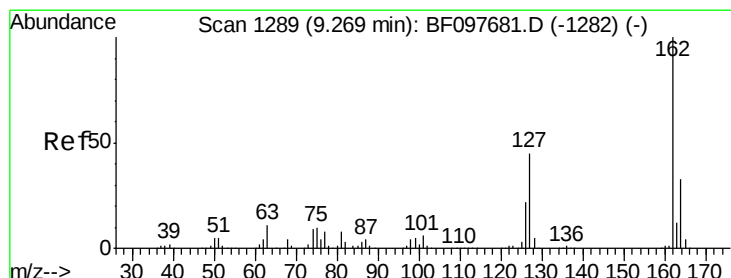
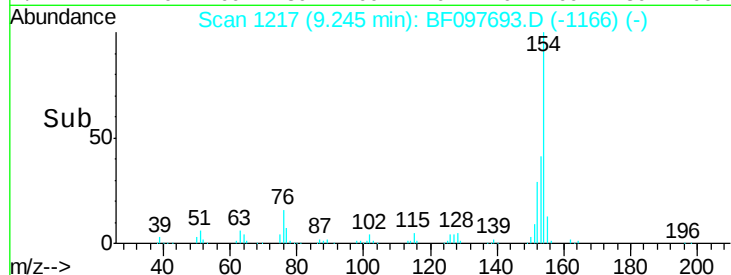
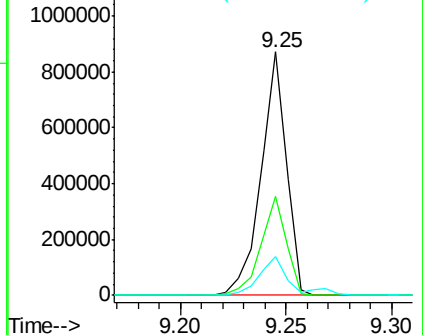
#45
 1,1'-Biphenyl
 Concen: 33.96 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	15.9	0.0	29.9

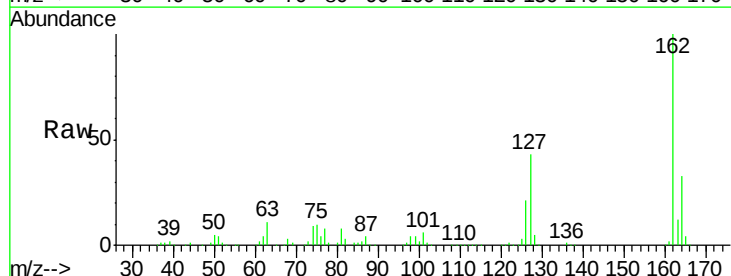


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

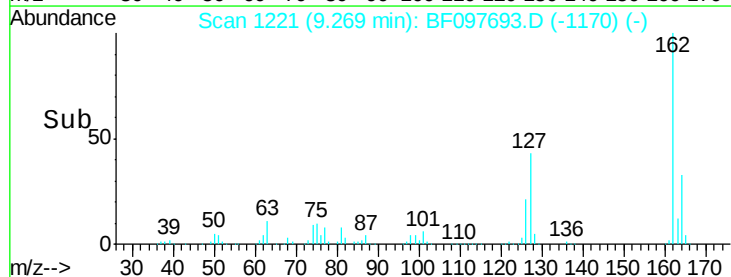
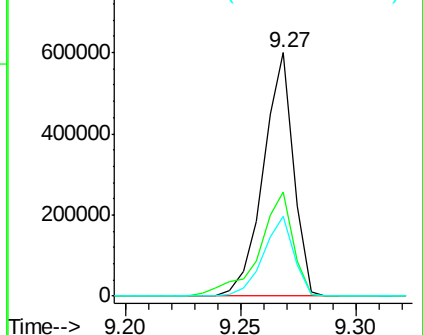


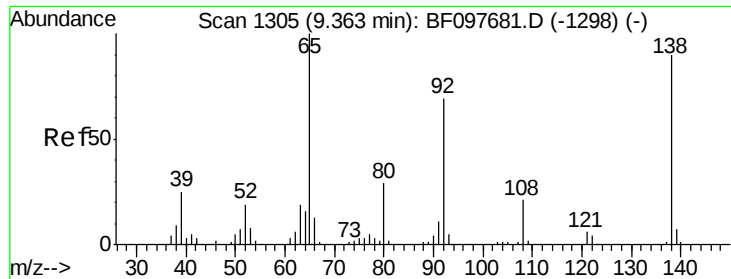
#46
 2-Chloronaphthalene
 Concen: 34.25 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	28.3	42.5#
164	32.9	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

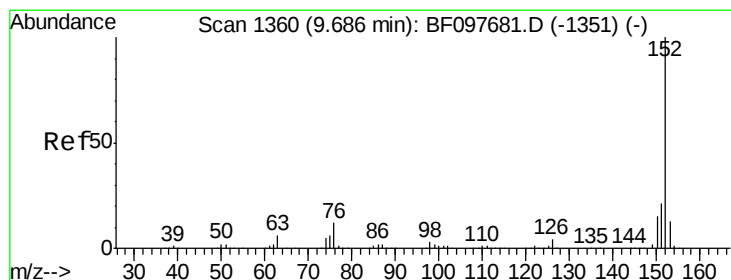
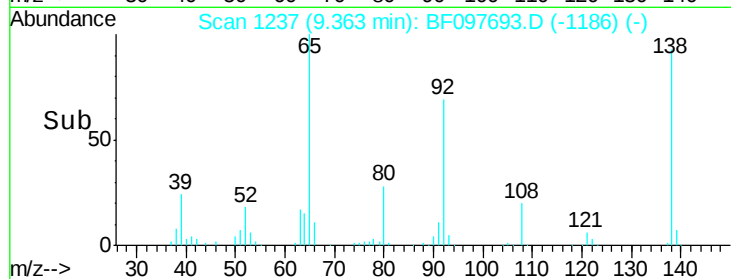
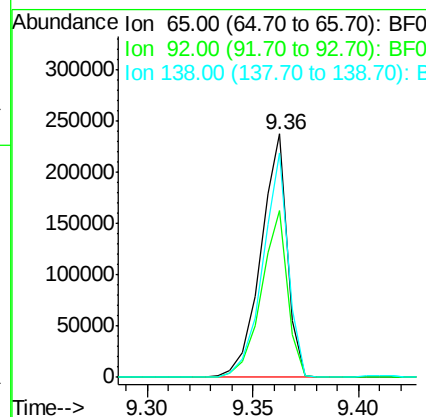
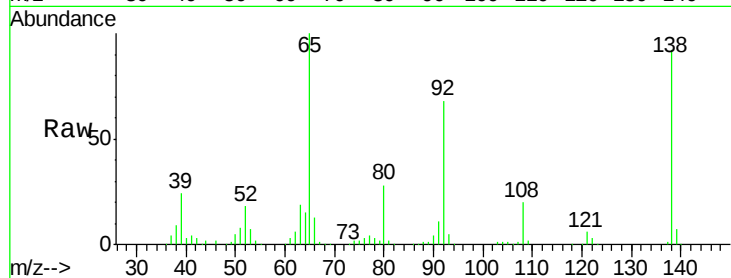




#47
 2-Nitroaniline
 Concen: 38.74 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

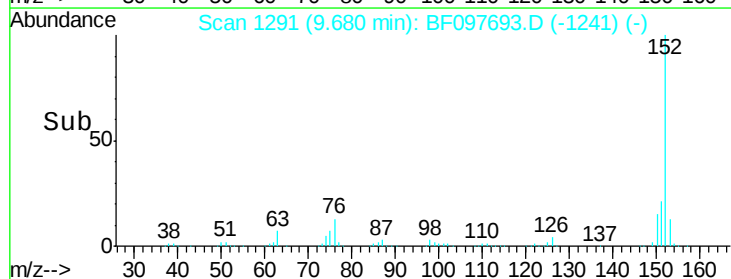
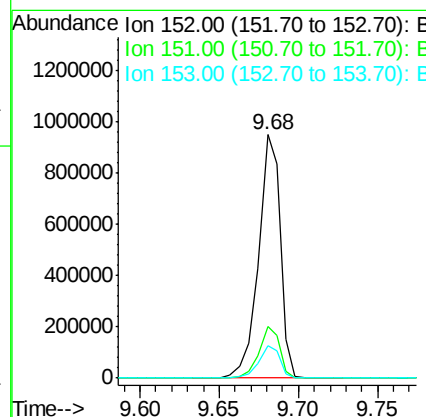
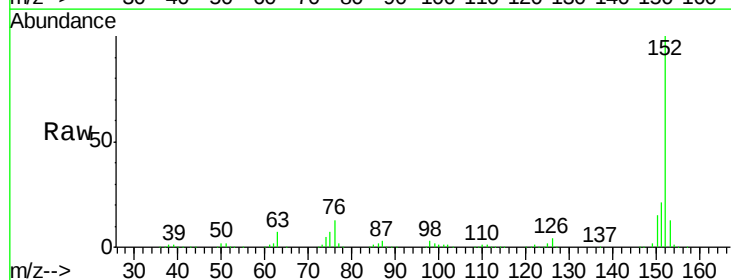
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

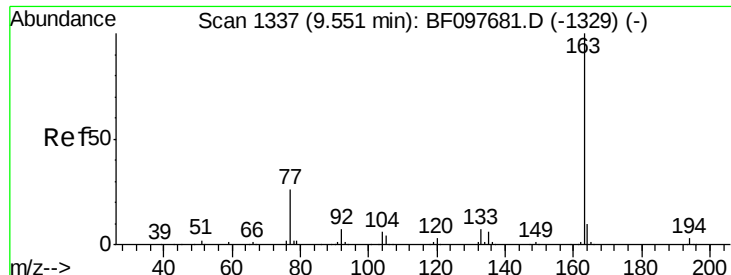
Tot Ion:	65	Resp:	206357
Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.9	80.9
138	92.3	78.8	118.2



#48
 Acenaphthylene
 Concen: 36.15 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:	152	Resp:	901977
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2

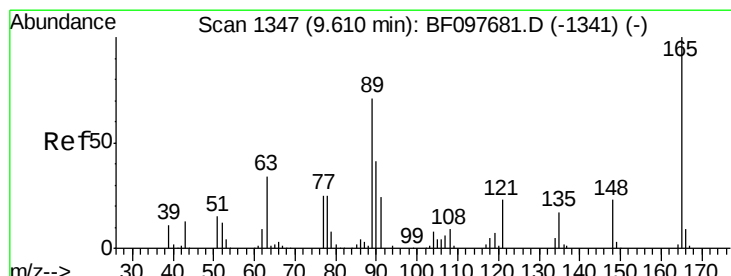
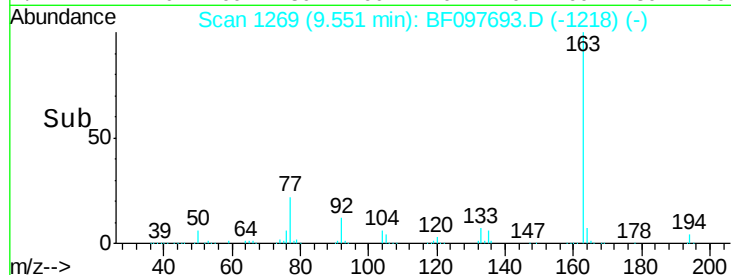
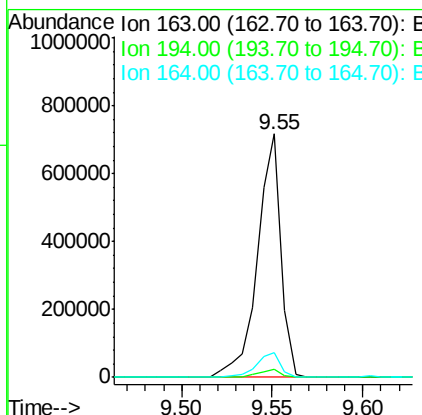
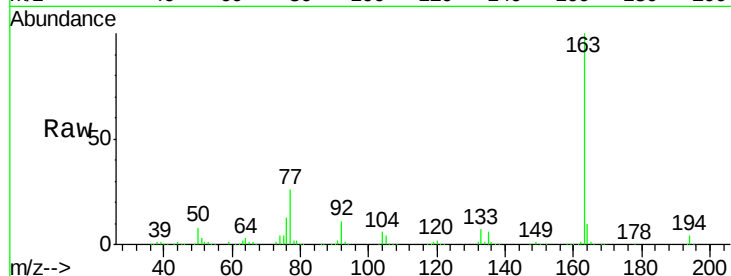




#49
 Dimethylphthalate
 Concen: 37.32 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

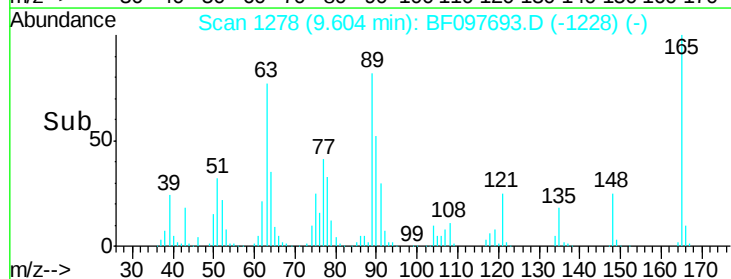
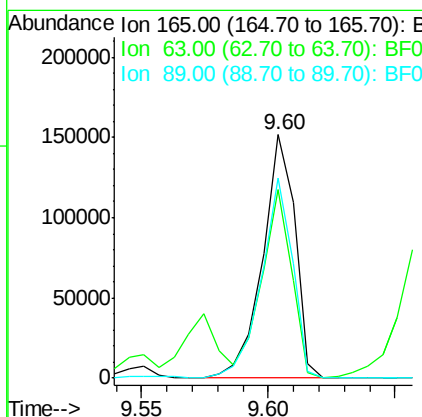
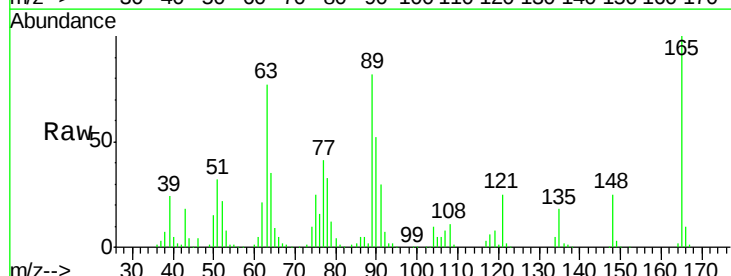
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

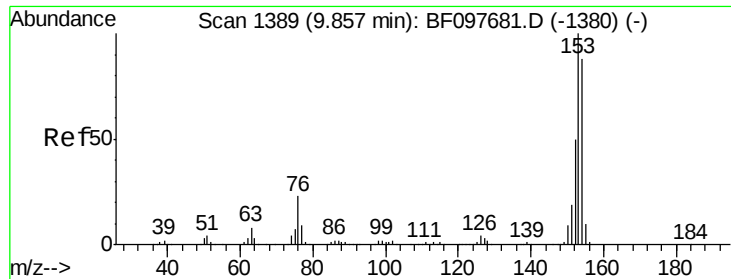
Tot Ion:163	Resp:	643263
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.6 4.0
164	10.0	8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 39.62 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:165	Resp:	136304
Ion Ratio	Lower	Upper
165	100	
63	77.2	34.3 51.5#
89	82.0	37.1 55.7#





#51

Acenaphthene

Concen: 38.15 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

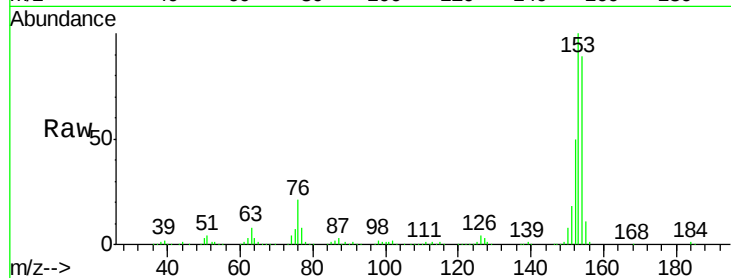
Tot Ion:154 Resp: 600290

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

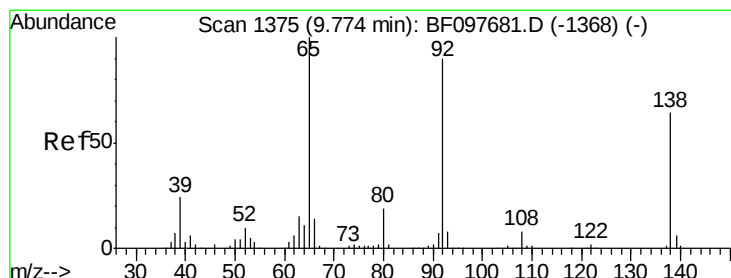
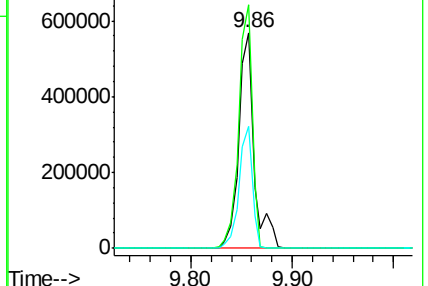
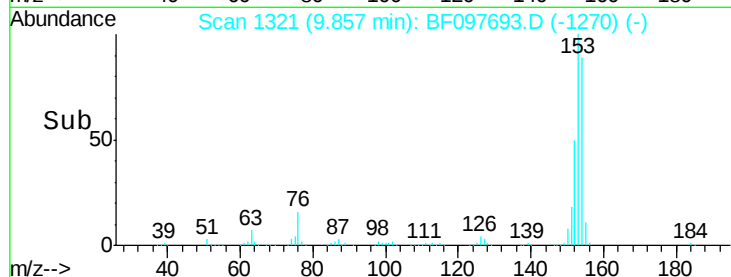
152 56.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.44 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

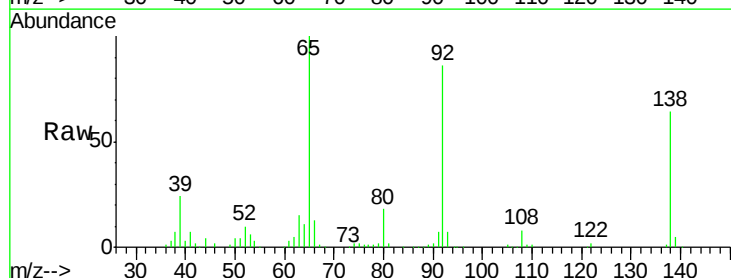
Tgt Ion:138 Resp: 81864

Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

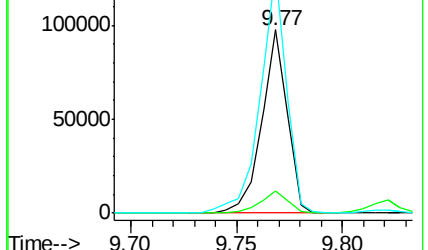
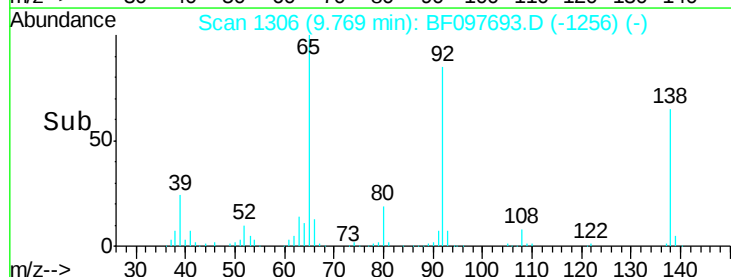
92 132.8 93.8 140.6

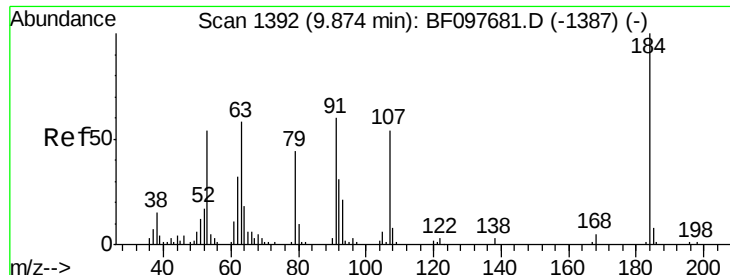


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

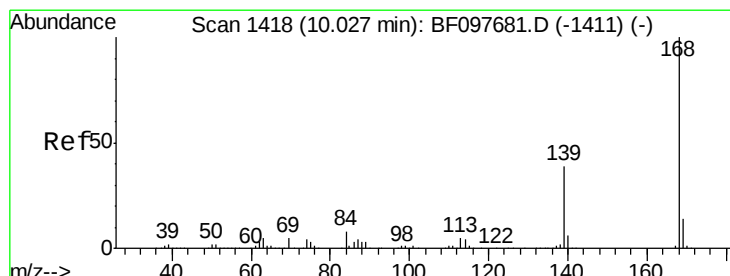
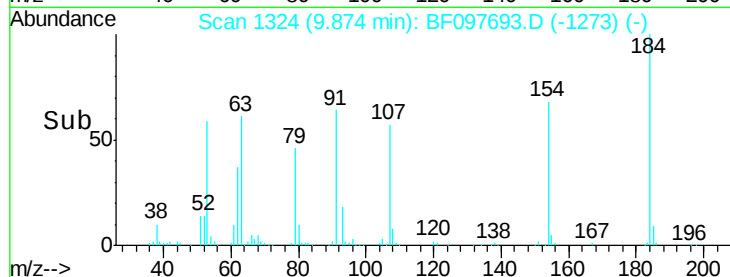
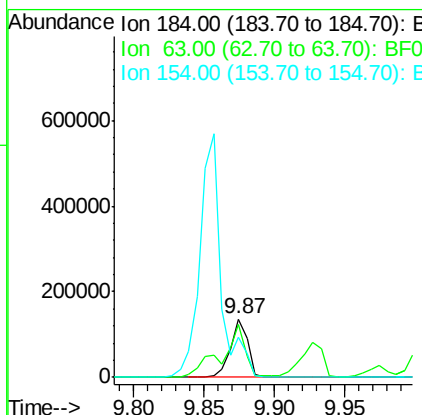
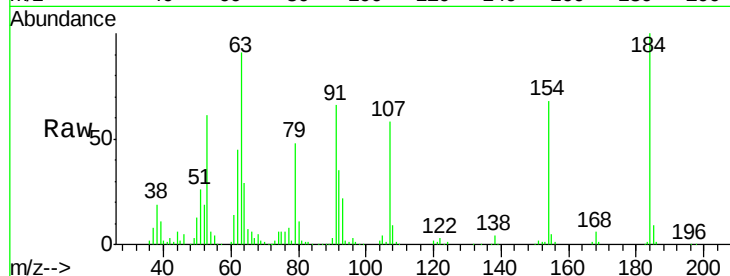




#53
 2,4-Dinitrophenol
 Concen: 72.01 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

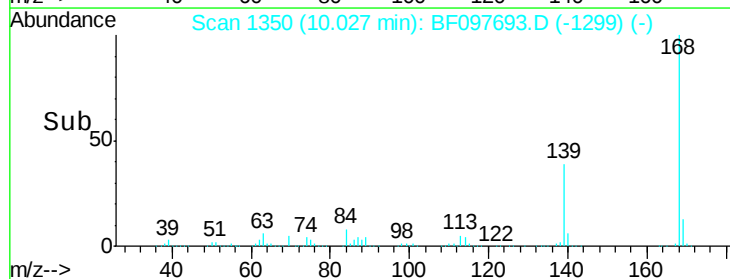
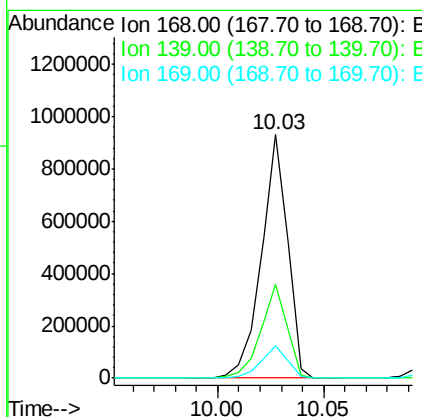
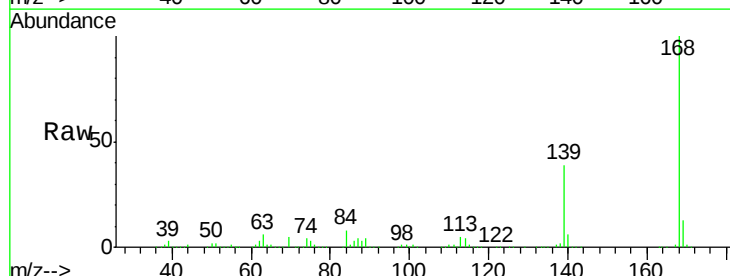
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

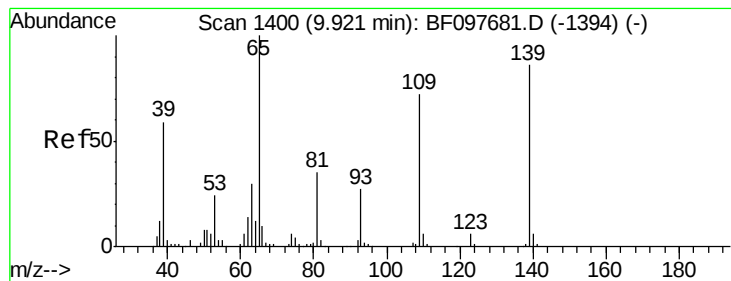
Tot Ion:184 Resp: 115962
 Ion Ratio Lower Upper
 184 100
 63 91.0 62.7 94.1
 154 68.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.02 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:168 Resp: 801832
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 75.47 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

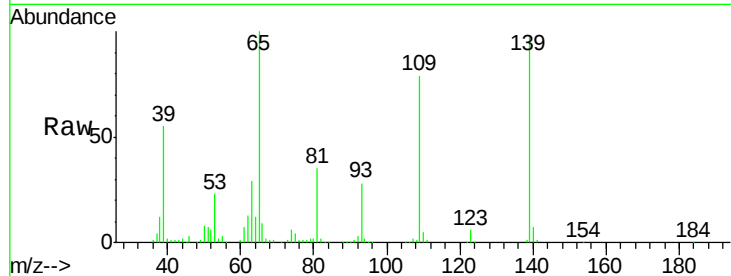
Tot Ion:139 Resp: 267243

Ion Ratio Lower Upper

139 100

109 80.0 34.1 74.1#

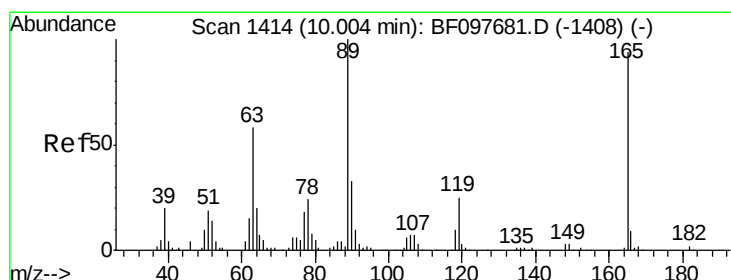
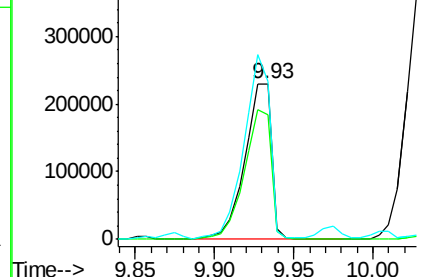
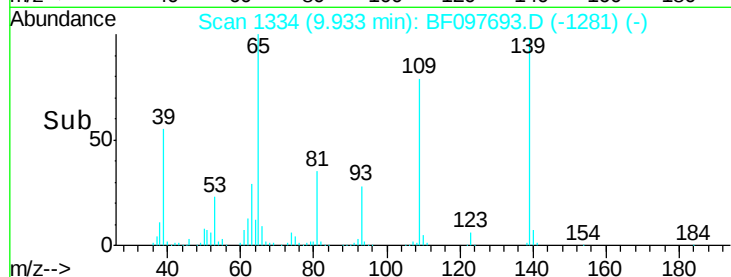
65 101.9 31.4 71.4#



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: 43.02 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Tgt Ion:165 Resp: 185753

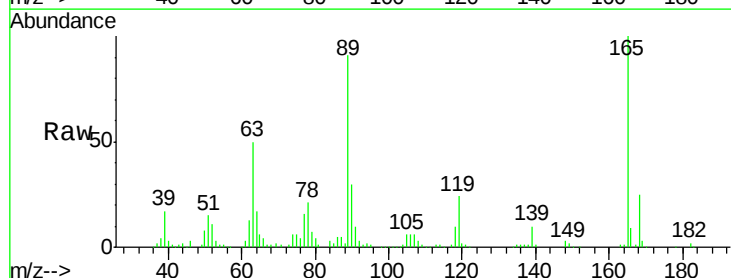
Ion Ratio Lower Upper

165 100

63 49.5 25.4 38.0#

89 90.6 46.4 69.6#

182 2.3 1.8 2.6

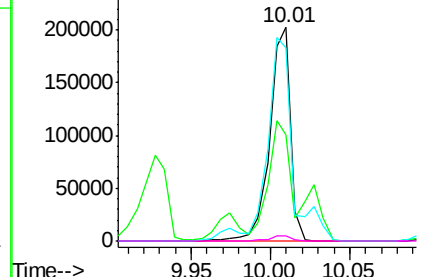
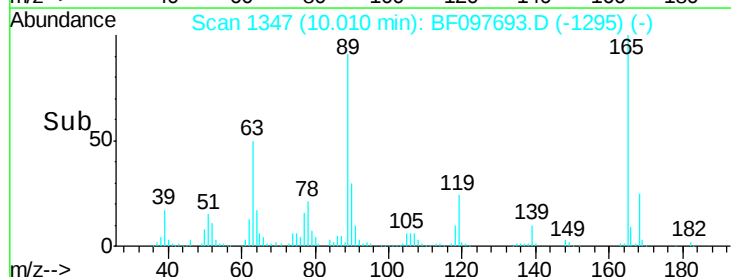


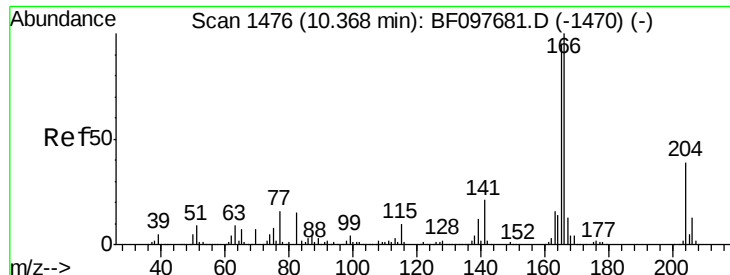
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.43 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

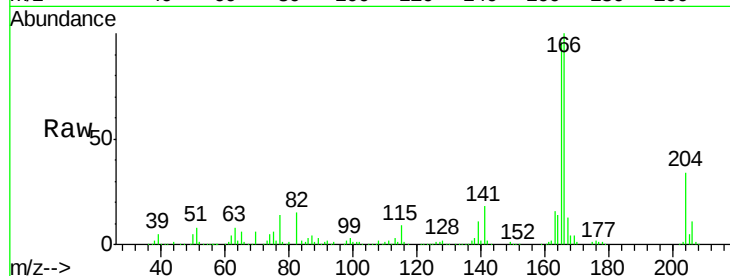
Tot Ion:166 Resp: 577734

Ion Ratio Lower Upper

166 100

165 96.1 78.8 118.2

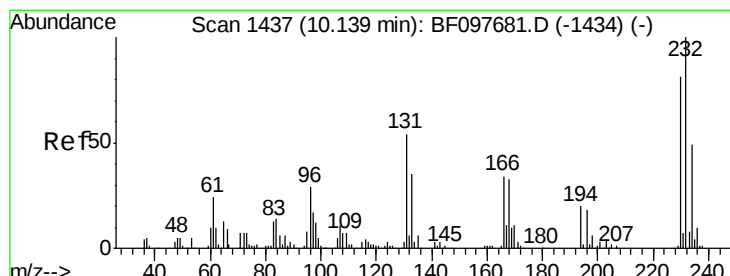
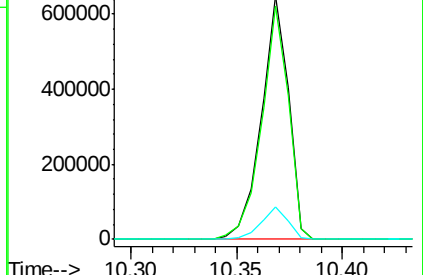
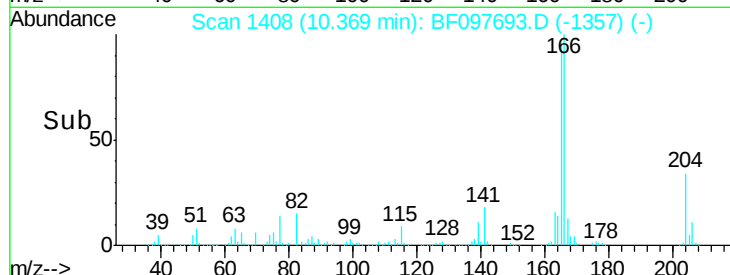
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.69 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Tgt Ion:232 Resp: 159325

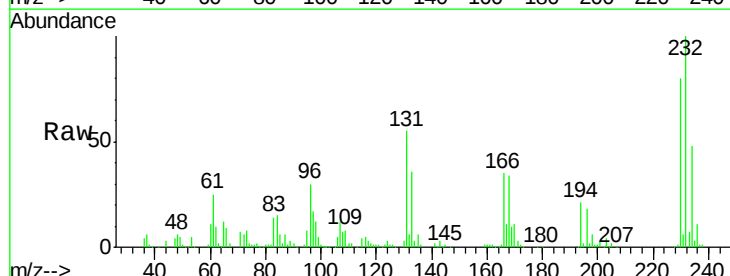
Ion Ratio Lower Upper

232 100

131 52.1 44.8 67.2

130 2.8 2.3 3.5

166 33.0 29.0 43.4

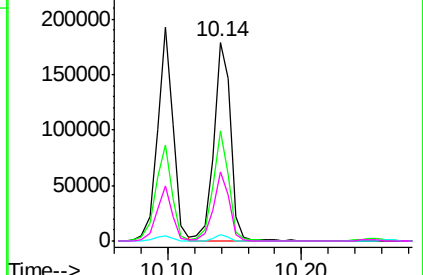
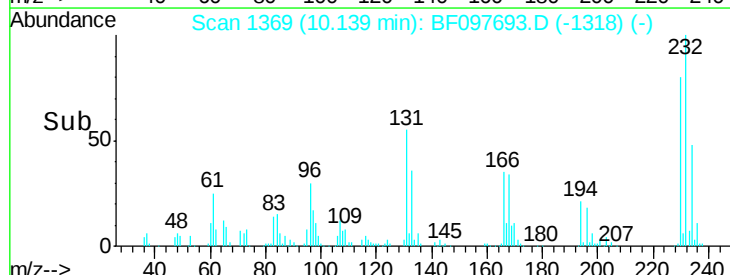


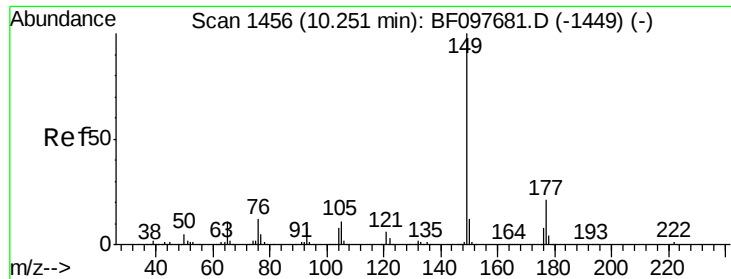
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

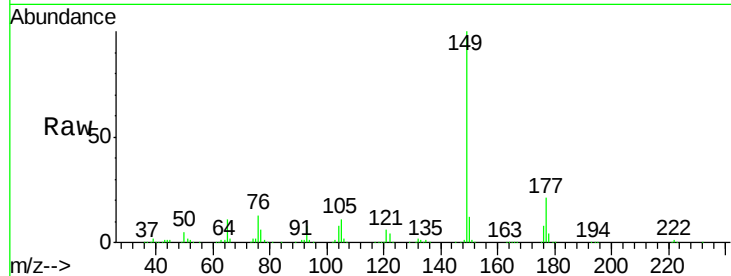




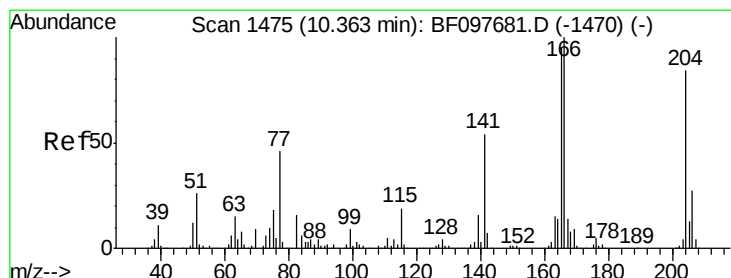
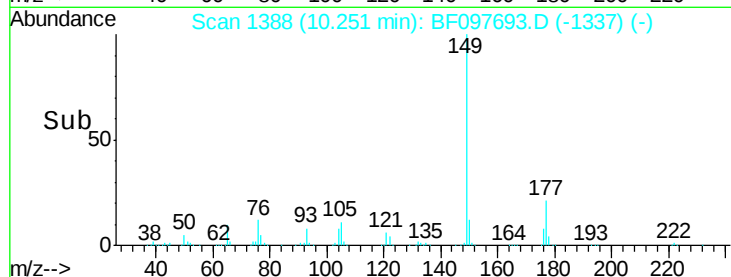
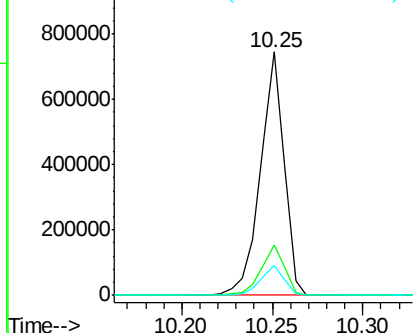
#59
Diethylphthalate
Concen: 37.71 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101477BS

Tot Ion:149 Resp: 679805
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.4 10.2 15.2

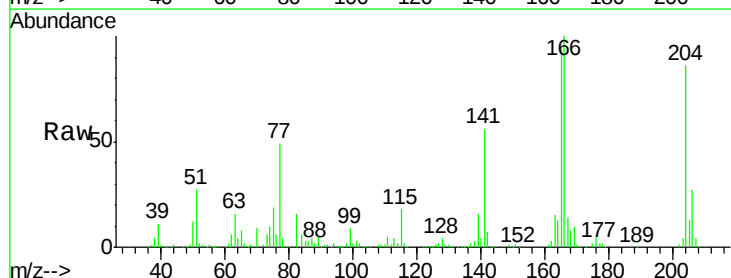


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

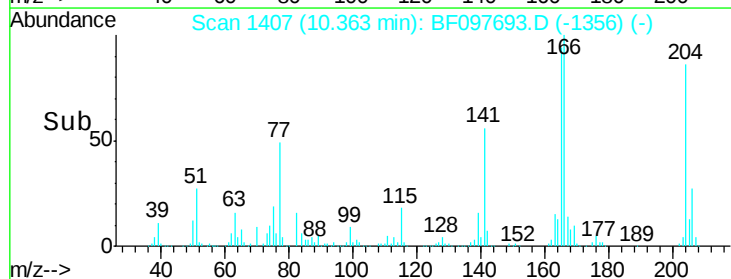
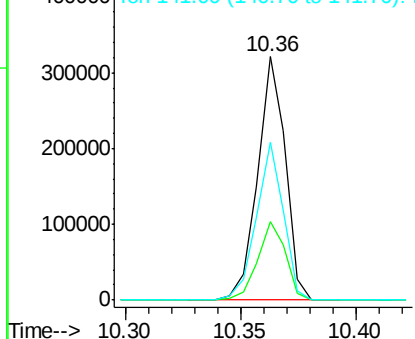


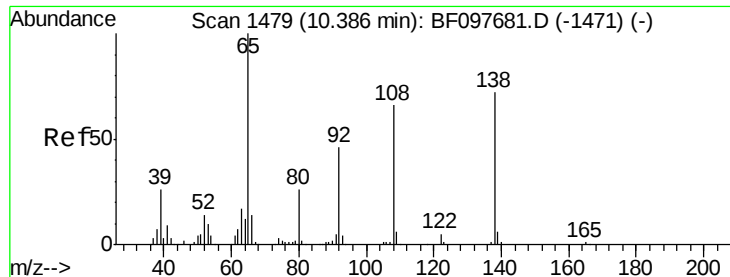
#60
4-Chlorophenyl-phenylether
Concen: 35.48 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:204 Resp: 268758
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 65.1 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

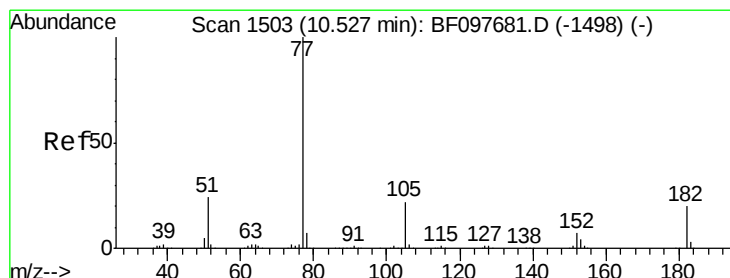
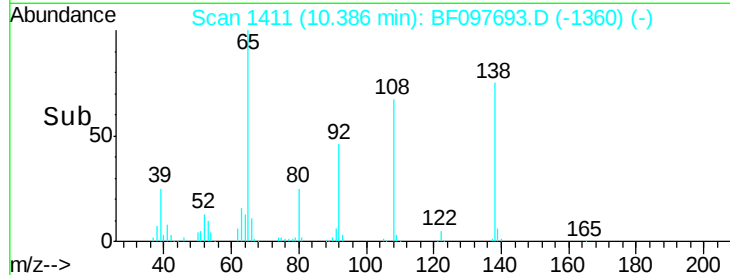
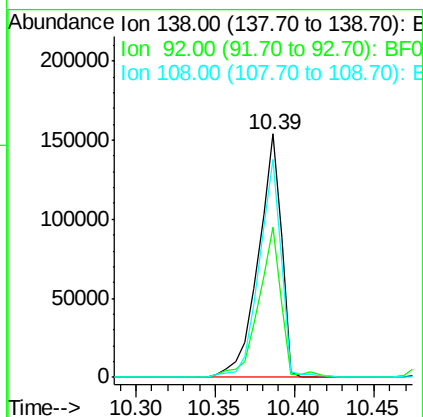
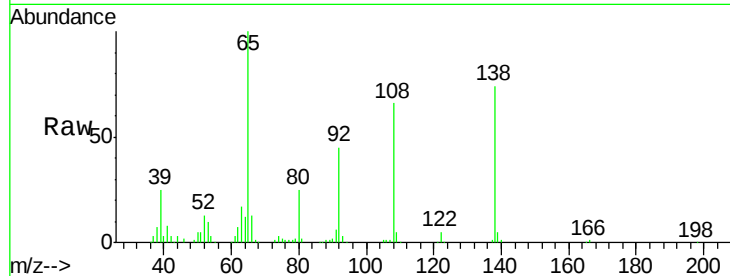




#61
 4-Nitroaniline
 Concen: 37.33 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

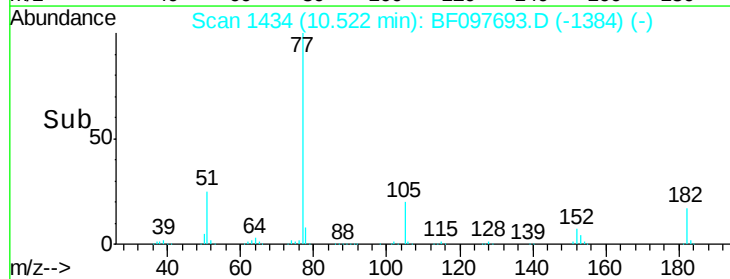
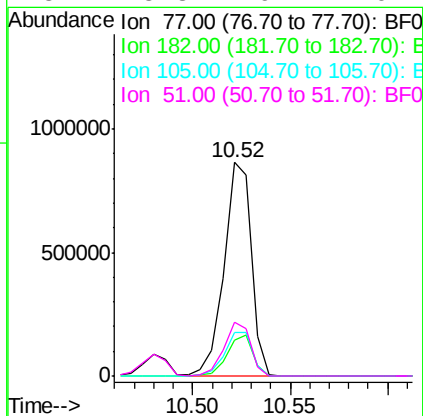
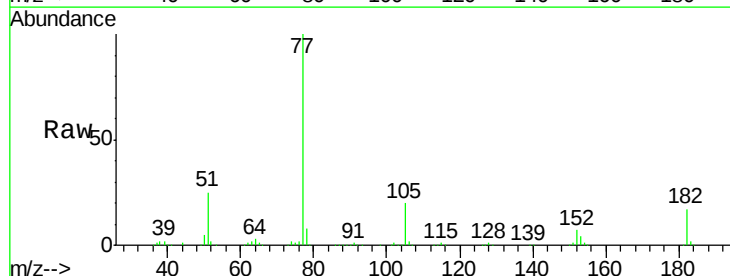
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

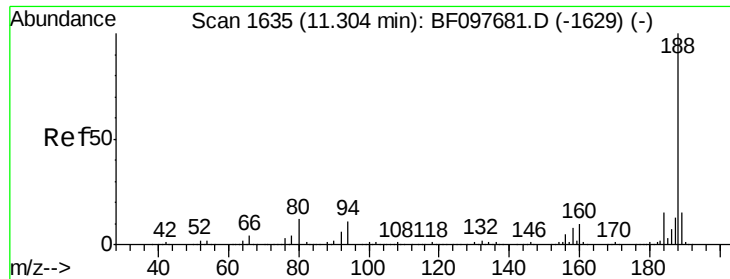
Tot Ion:138 Resp: 157504
 Ion Ratio Lower Upper
 138 100
 92 61.7 21.8 61.8
 108 89.5 42.3 82.3#



#62
 Azobenzene
 Concen: 39.15 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion: 77 Resp: 838194
 Ion Ratio Lower Upper
 77 100
 182 16.9 0.1 40.1
 105 20.5 3.6 43.6
 51 25.3 9.4 49.4

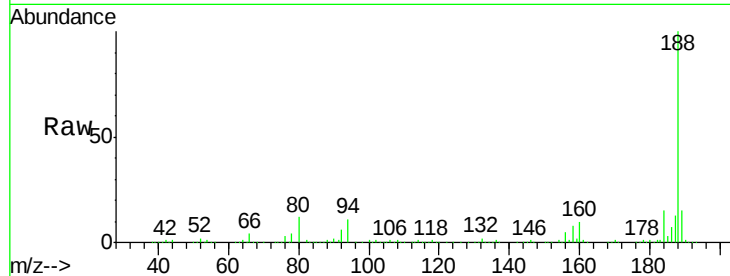




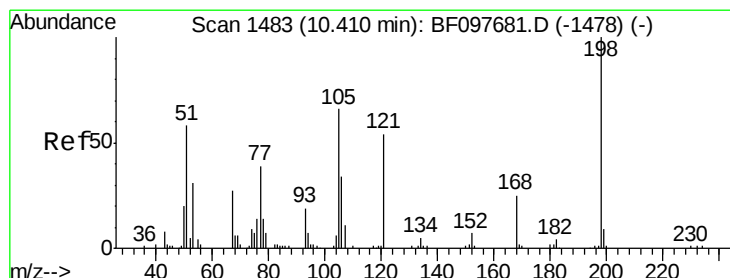
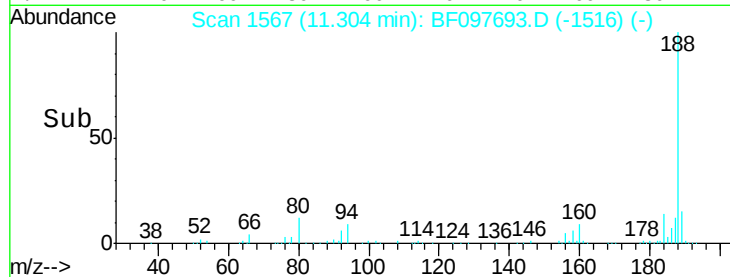
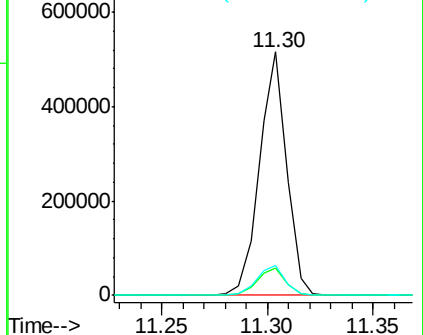
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101477BS

Tot Ion:188 Resp: 459736
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.2 10.2 15.2

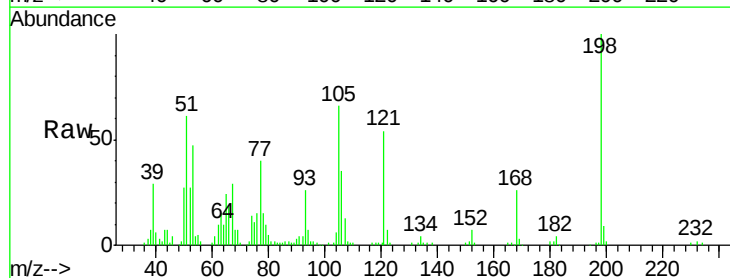


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

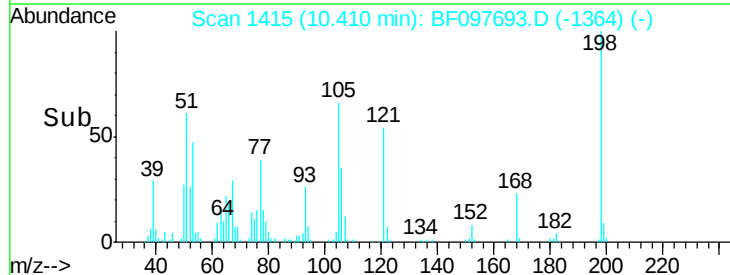
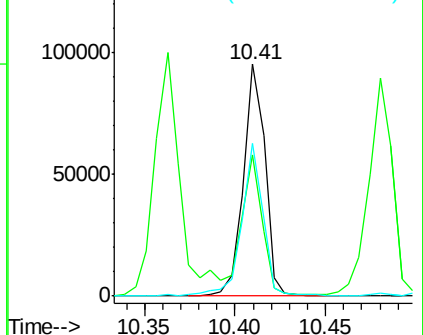


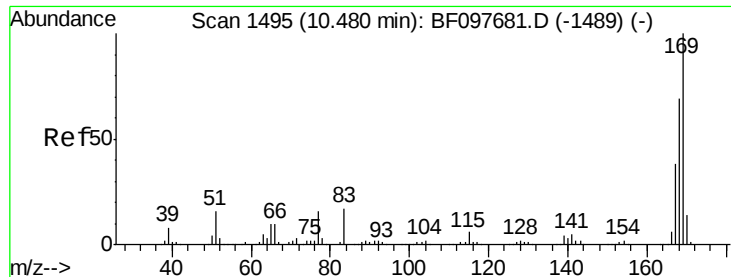
#64
4,6-Dinitro-2-methylphenol
Concen: 38.28 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:198 Resp: 78526
Ion Ratio Lower Upper
198 100
51 60.8 53.2 93.2
105 66.0 45.8 85.8



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

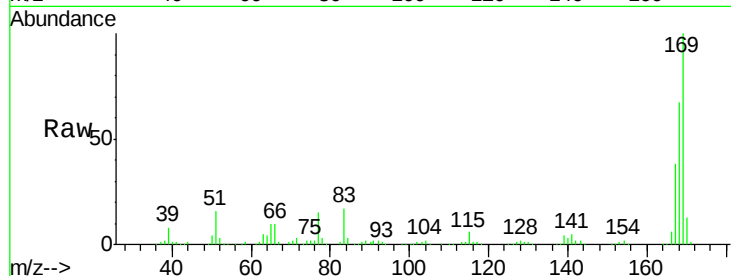




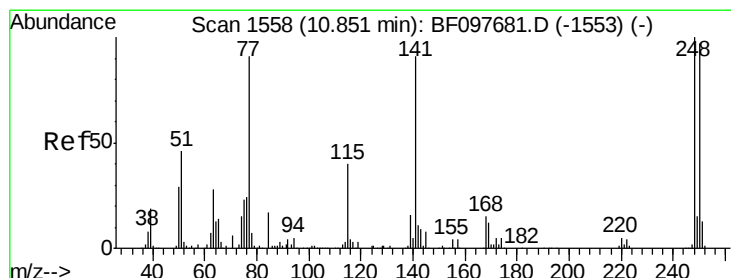
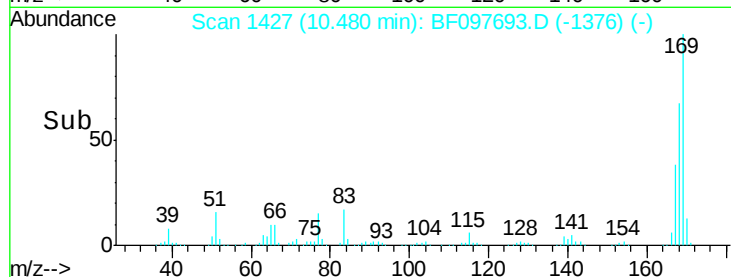
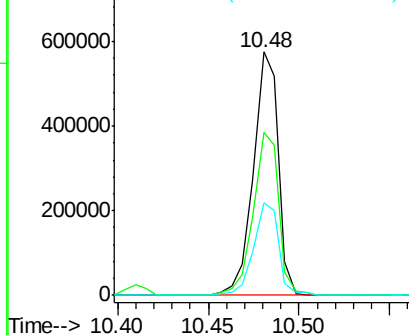
#65
n-Nitrosodiphenylamine
Concen: 34.98 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101477BS

Tot Ion:169 Resp: 547591
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 38.1 29.5 44.3

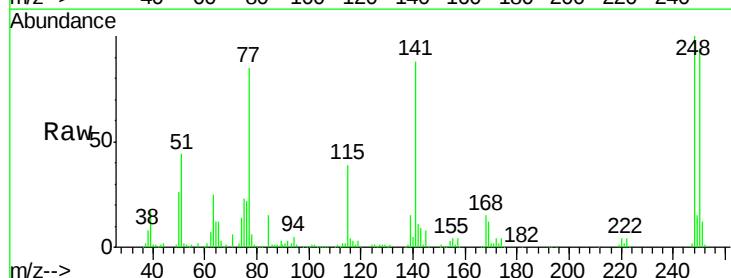


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

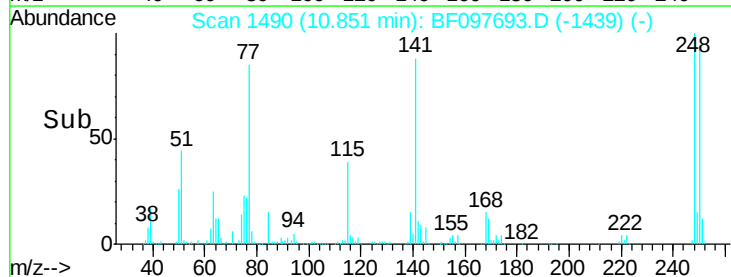
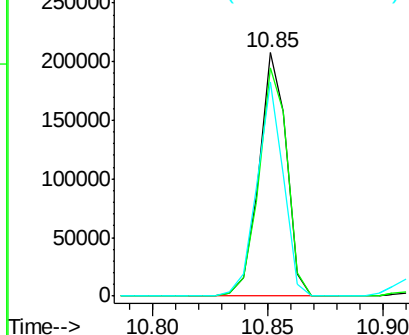


#66
4-Bromophenyl-phenylether
Concen: 36.09 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:248 Resp: 172277
Ion Ratio Lower Upper
248 100
250 93.8 76.8 115.2
141 87.8 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

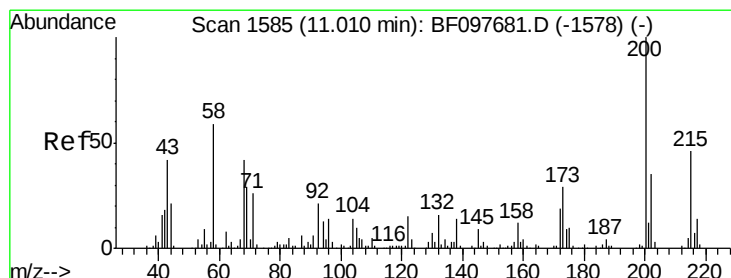
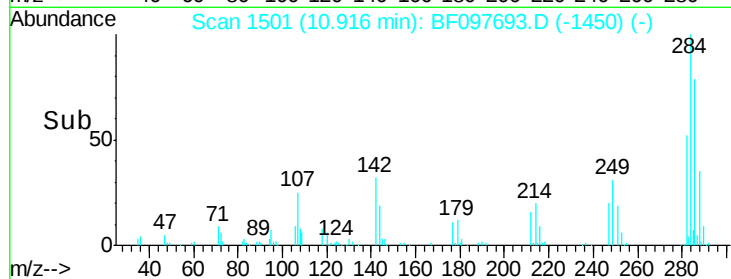
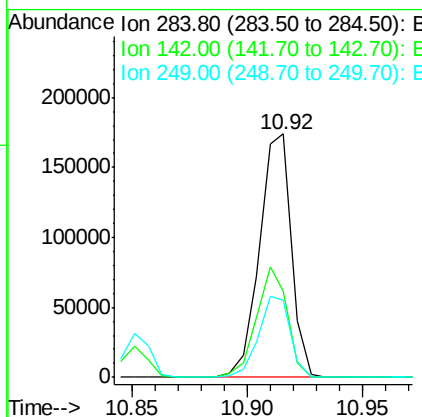
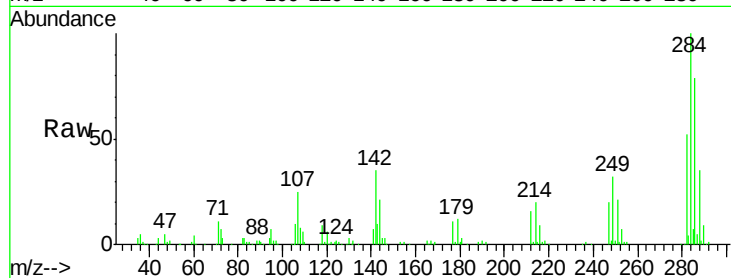




#67
Hexachlorobenzene
Concen: 34.47 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

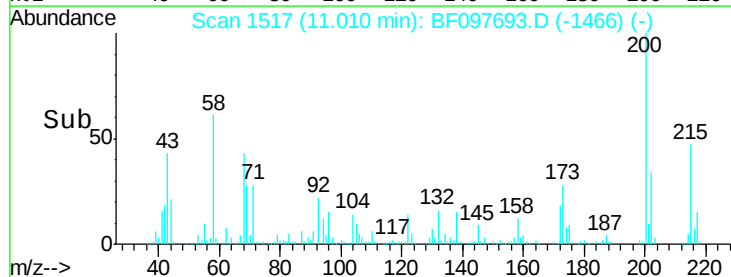
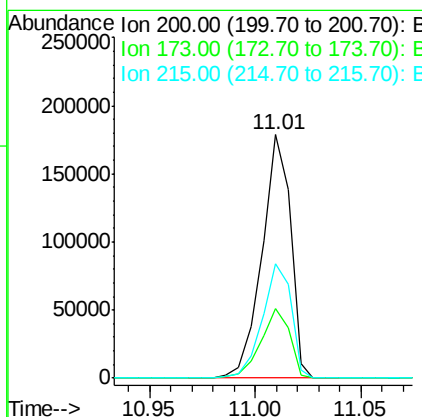
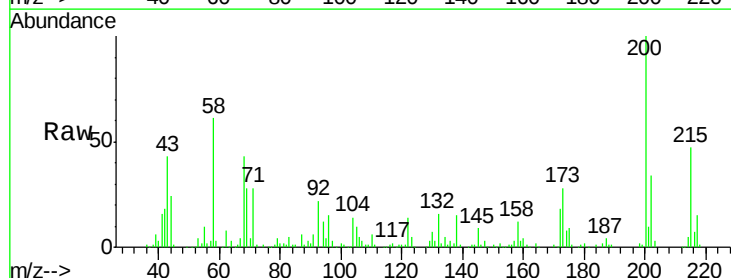
Instrument :
BNA_F
ClientSampleId :
PB101477BS

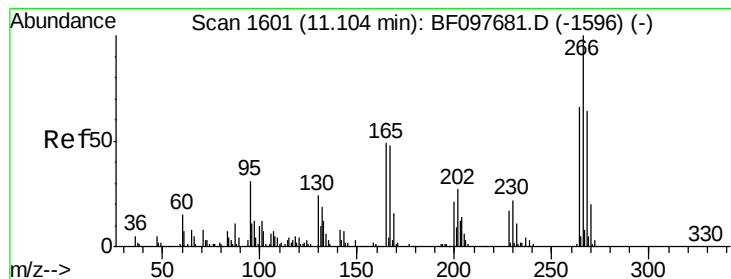
Tot Ion:284 Resp: 167728
Ion Ratio Lower Upper
284 100
142 35.4 22.8 34.2#
249 31.9 24.0 36.0



#68
Atrazine
Concen: 40.70 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:200 Resp: 168963
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 46.9 27.2 67.2





#69

Pentachlorophenol

Concen: 72.36 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

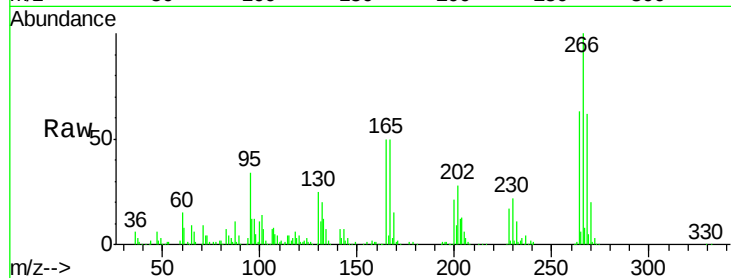
Tot Ion:266 Resp: 205305

Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

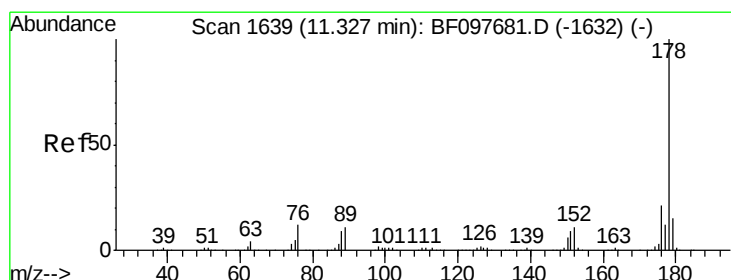
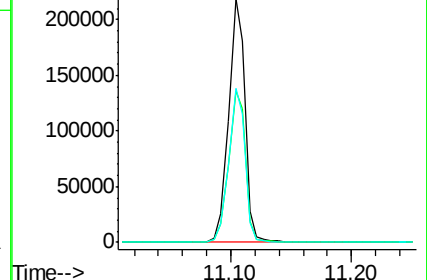
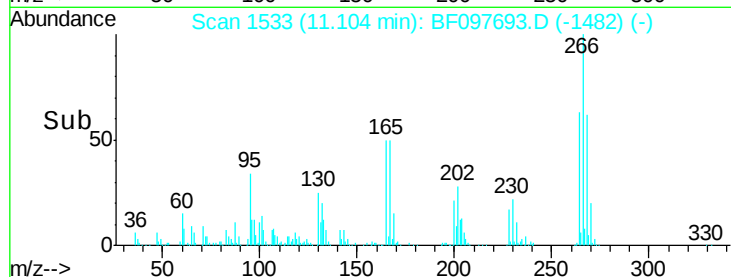
264 63.2 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.10 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

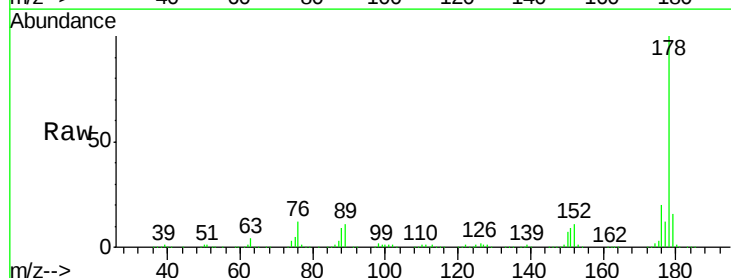
Tgt Ion:178 Resp: 884307

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

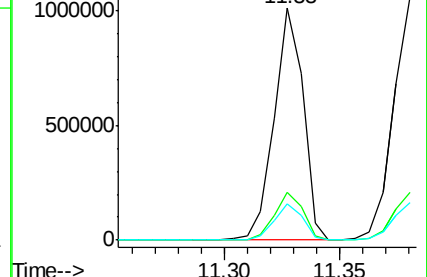
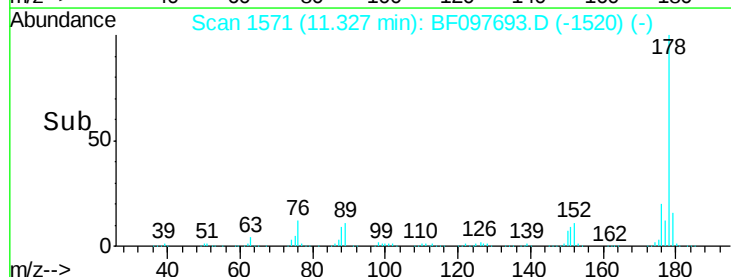
179 15.8 12.6 19.0

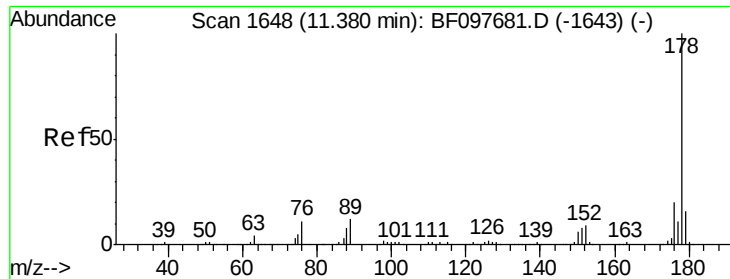


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

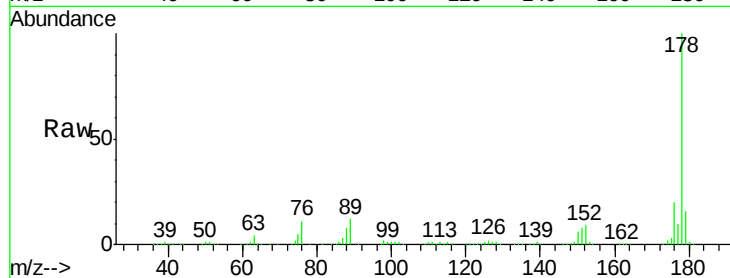




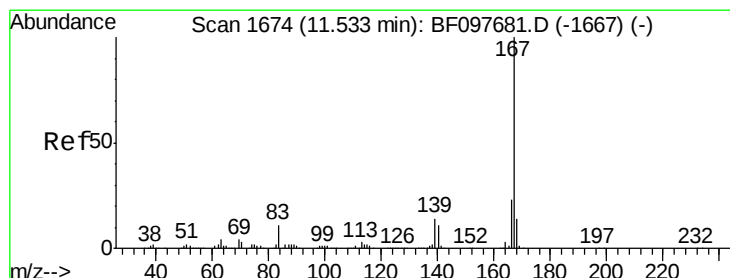
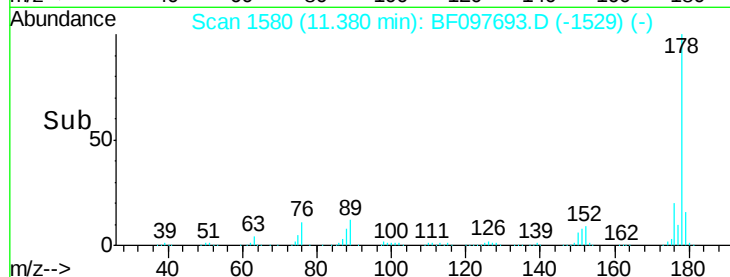
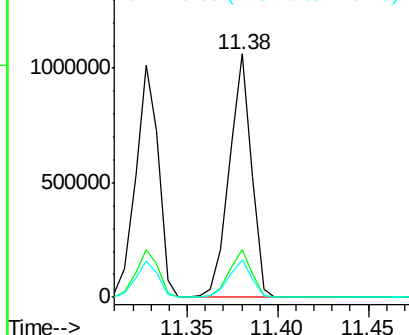
#71
 Anthracene
 Concen: 36.49 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion:178 Resp: 906679
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 12.7 19.1

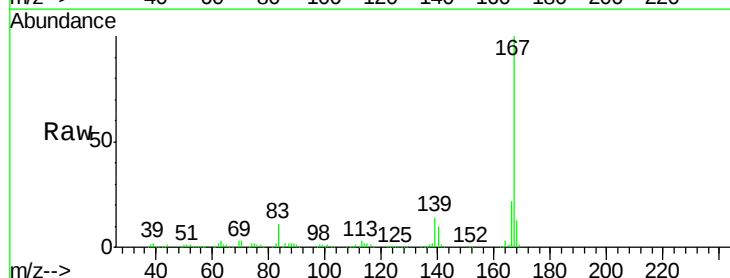


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

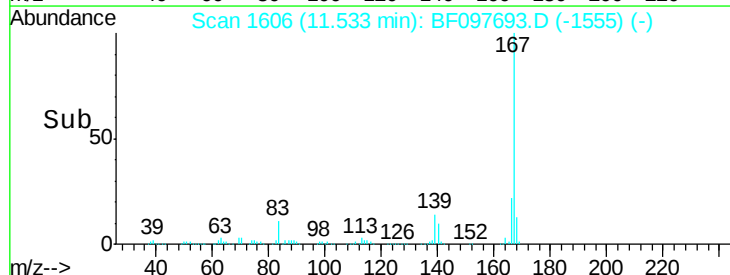
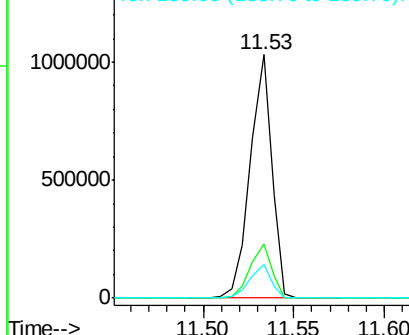


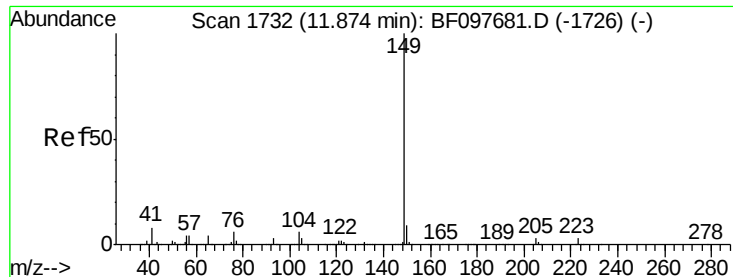
#72
 Carbazole
 Concen: 36.54 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:167 Resp: 861934
 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: 39.20 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

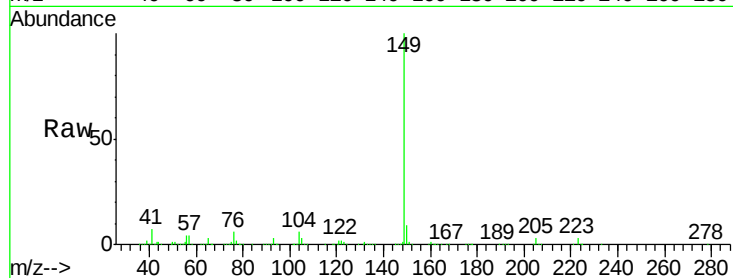
Tot Ion:149 Resp: 1064855

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

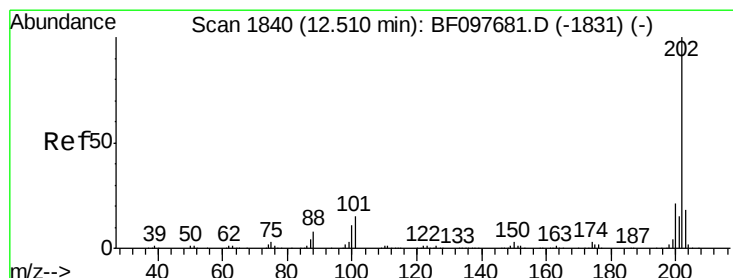
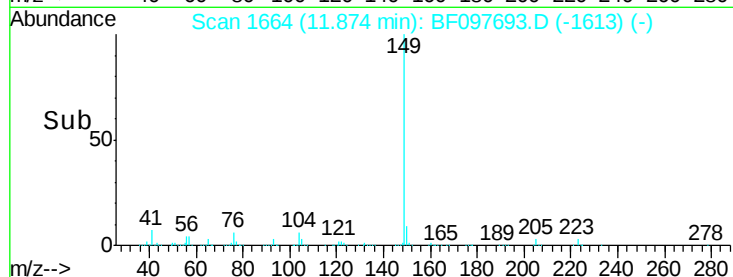
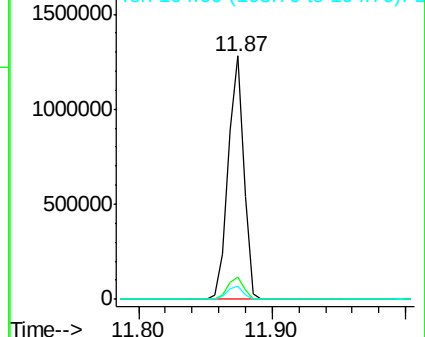
104 5.5 4.0 6.0



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: 36.97 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

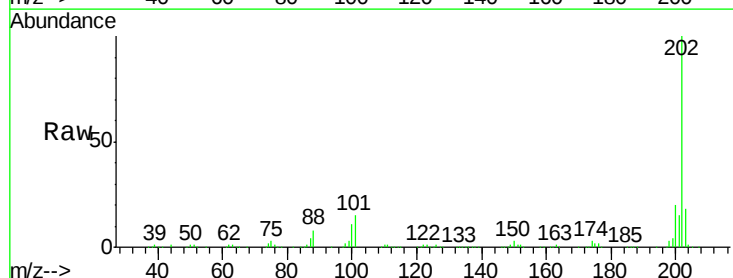
Tgt Ion:202 Resp: 945212

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

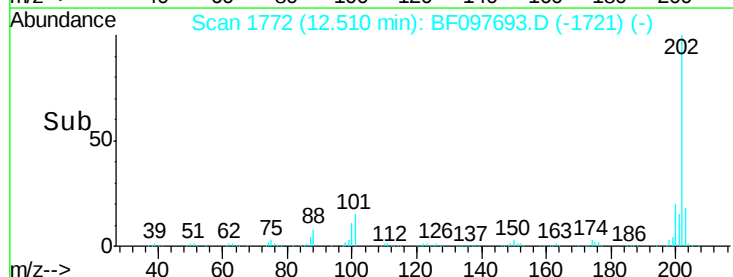
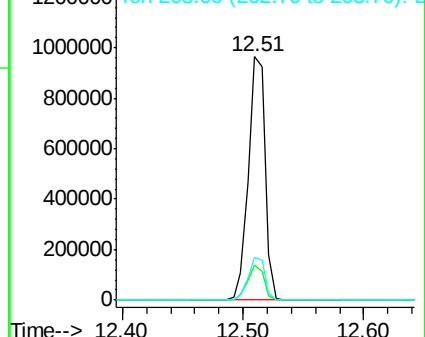
203 17.6 0.0 38.1

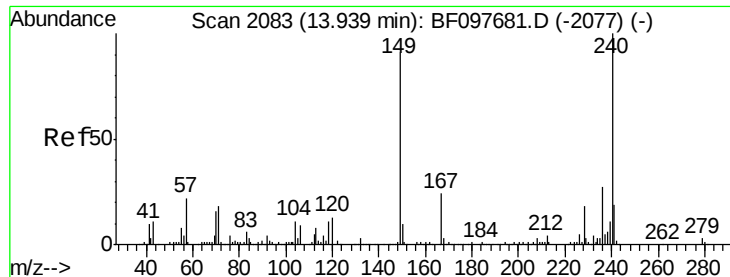


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

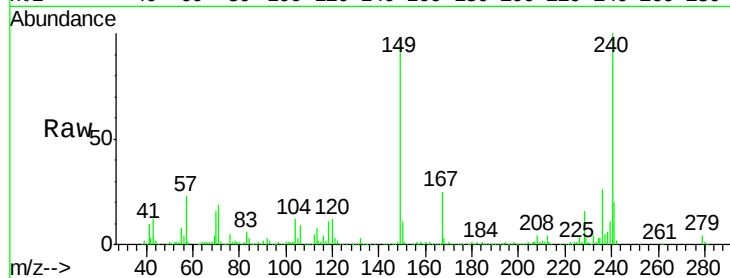
Tot Ion:240 Resp: 319336

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

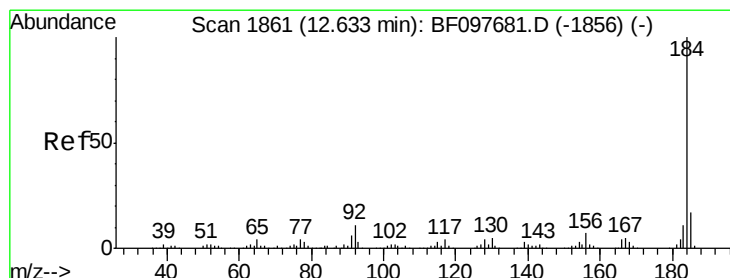
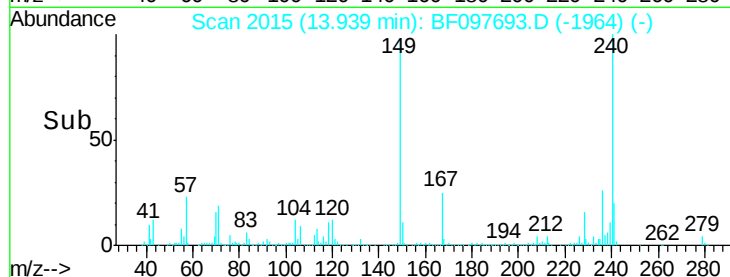
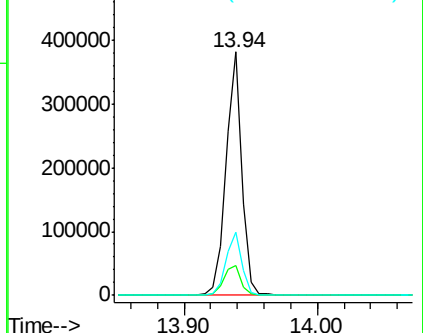
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.20 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

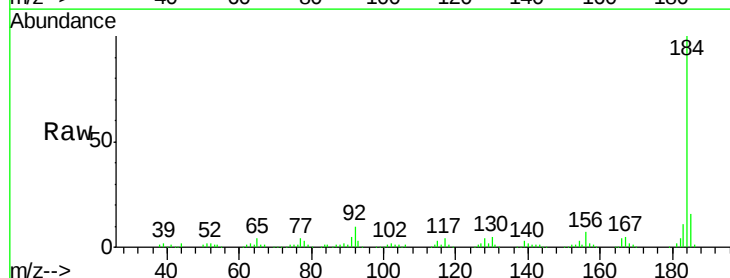
Tgt Ion:184 Resp: 263896

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

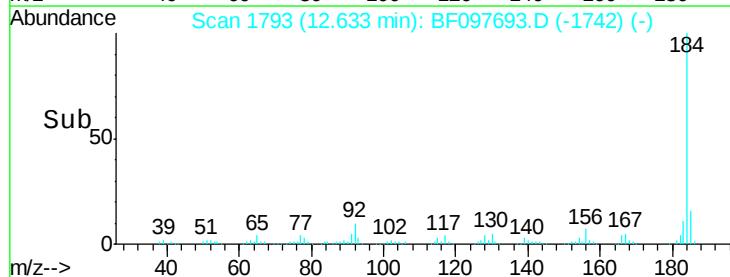
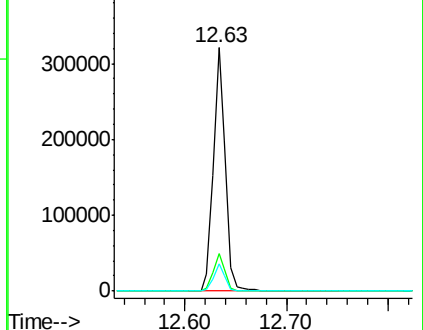
183 11.4 9.8 14.6

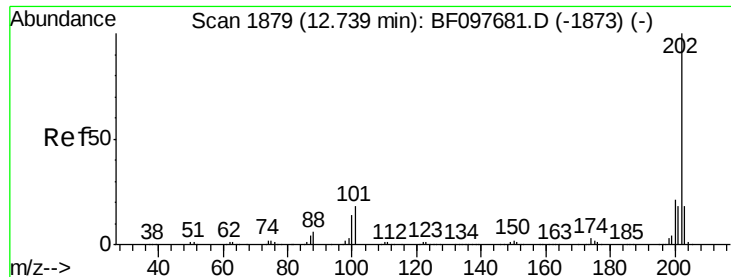


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

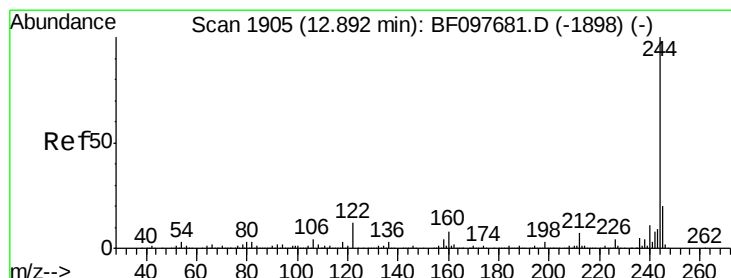
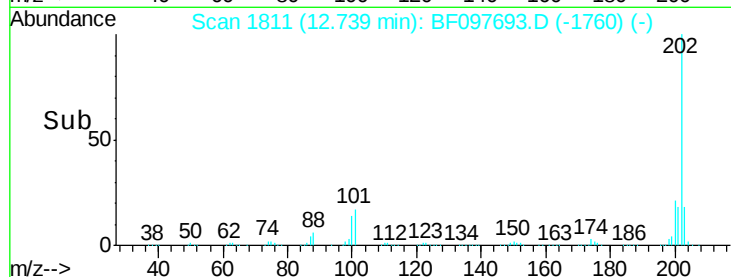
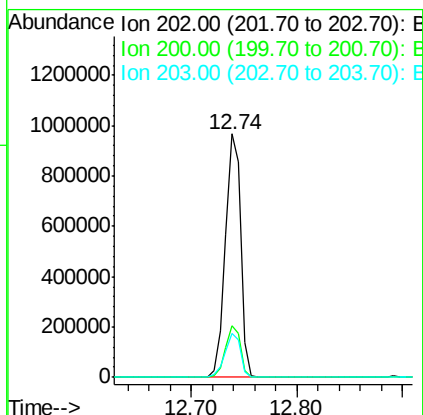
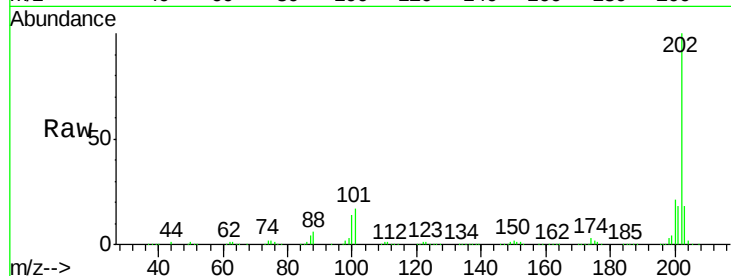




#77
Pvrene
Concen: 37.29 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

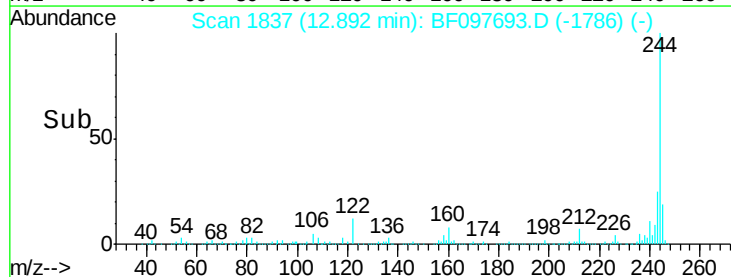
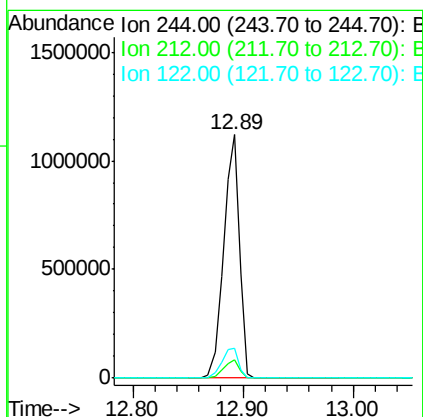
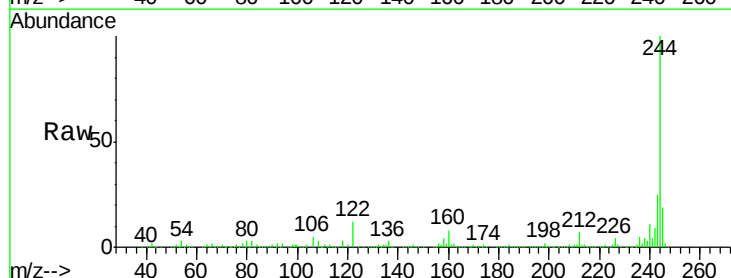
Instrument :
BNA_F
ClientSampleId :
PB101477BS

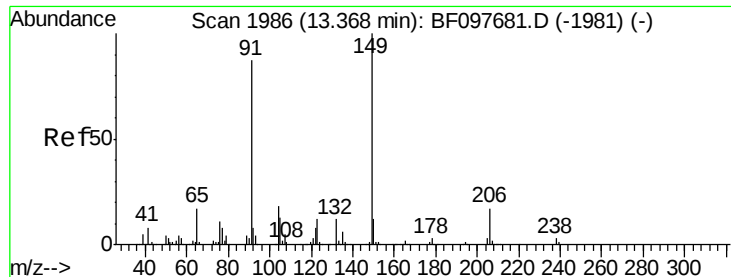
Tot Ion:202 Resp: 973883
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 72.56 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:244 Resp: 1111180
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.3 10.3 15.5

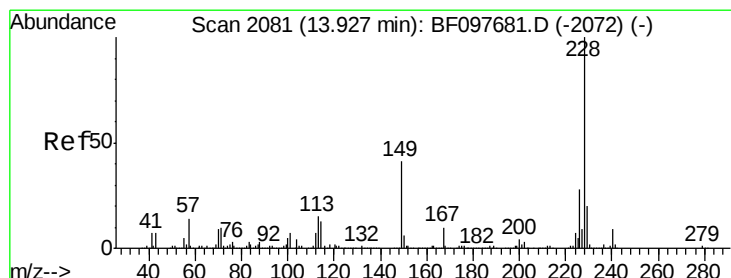
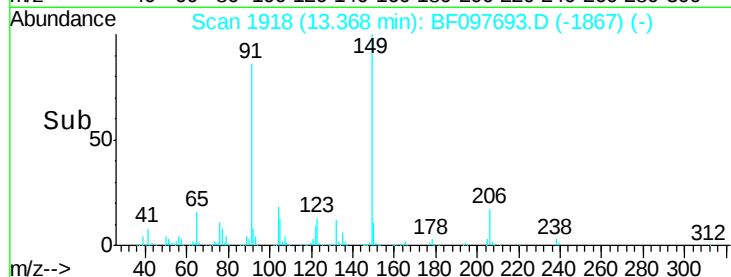
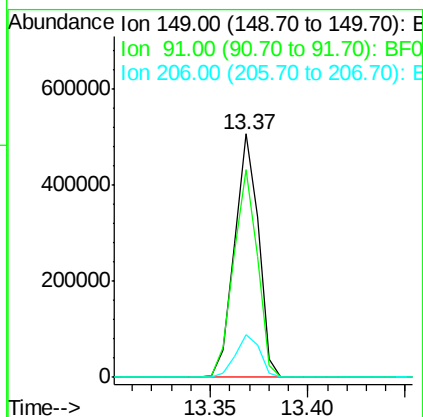
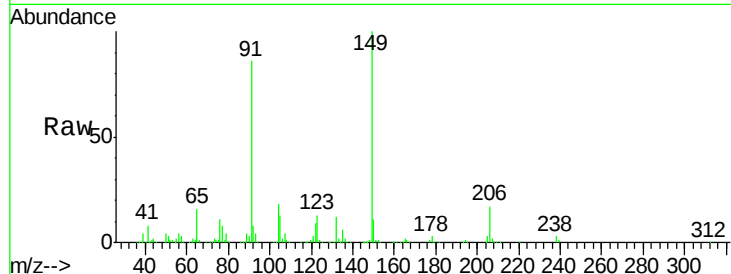




#79
Butylbenzylphthalate
Concen: 43.11 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

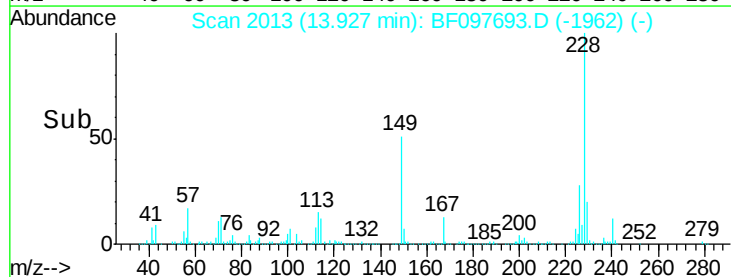
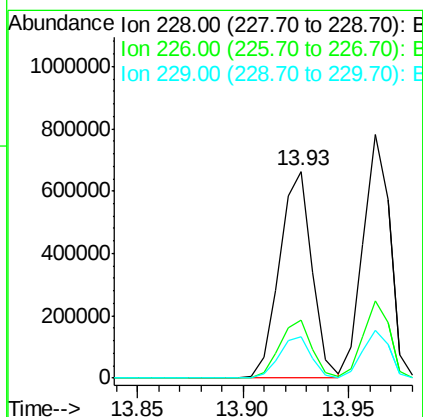
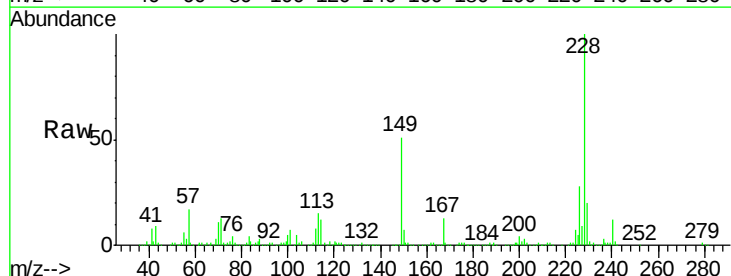
Instrument :
BNA_F
ClientSampleId :
PB101477BS

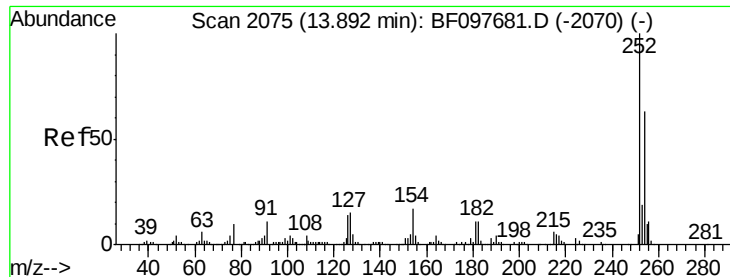
Tot Ion:149 Resp: 431674
Ion Ratio Lower Upper
149 100
91 85.5 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.15 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:228 Resp: 710971
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.8 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 17.55 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

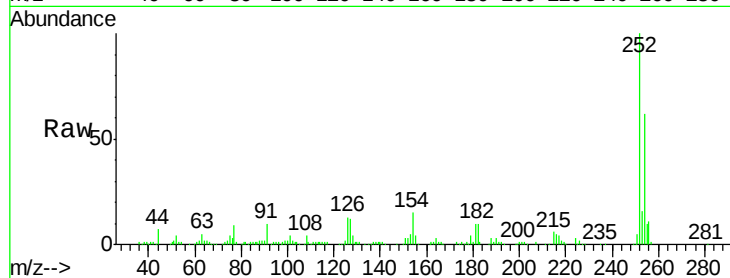
Tot Ion:252 Resp: 113333

Ion Ratio Lower Upper

252 100

254 61.7 51.5 77.3

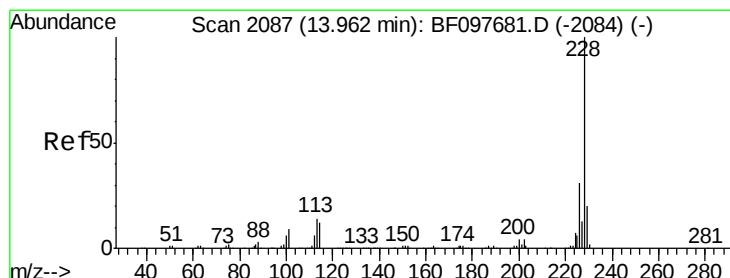
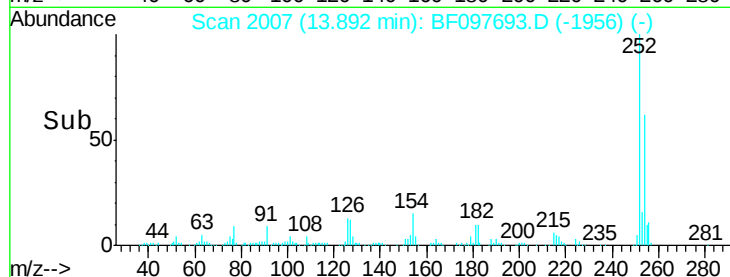
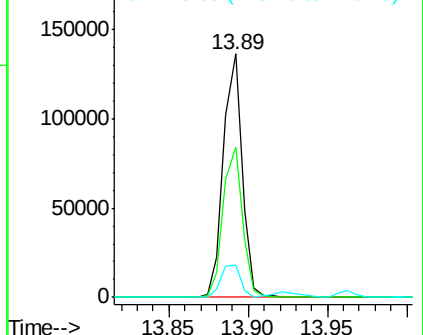
126 13.2 15.8 23.8#



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: 36.88 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

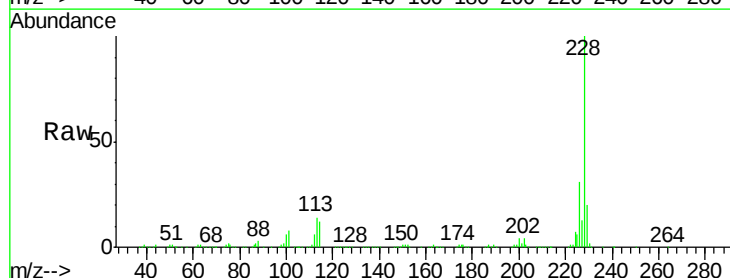
Tgt Ion:228 Resp: 702161

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

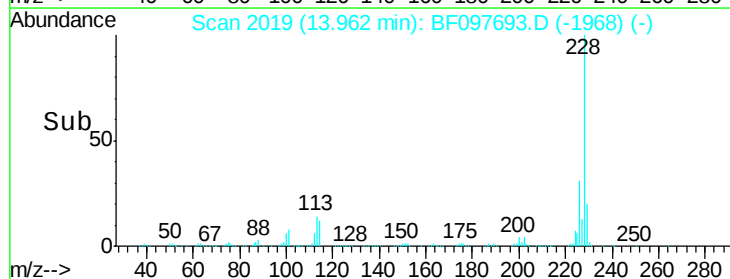
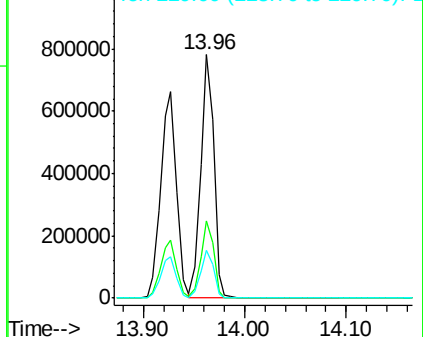
229 19.8 15.8 23.6

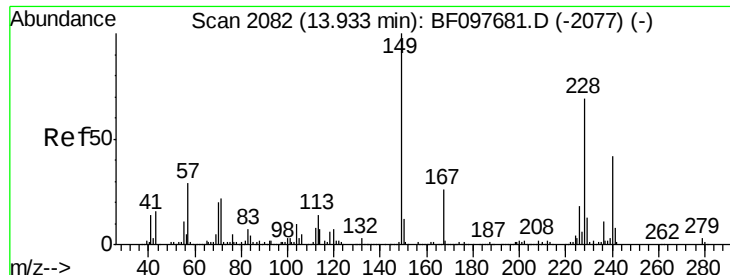


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

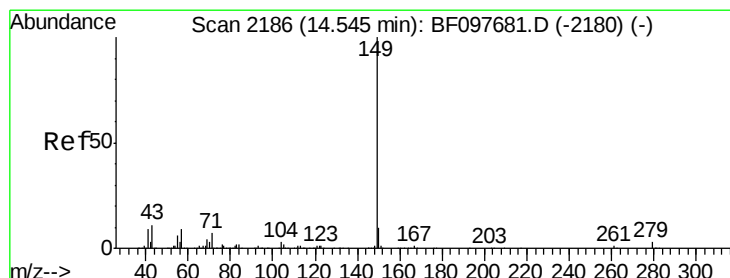
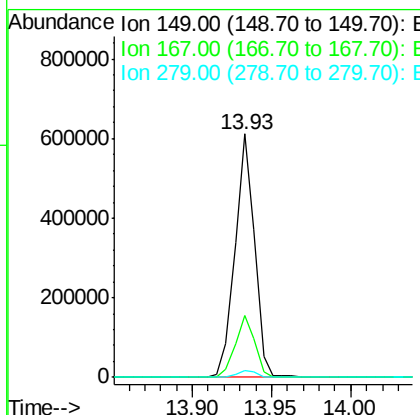
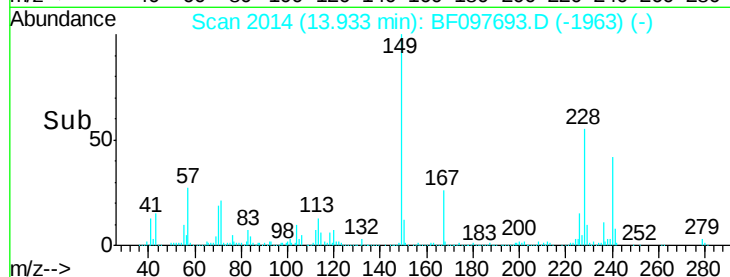
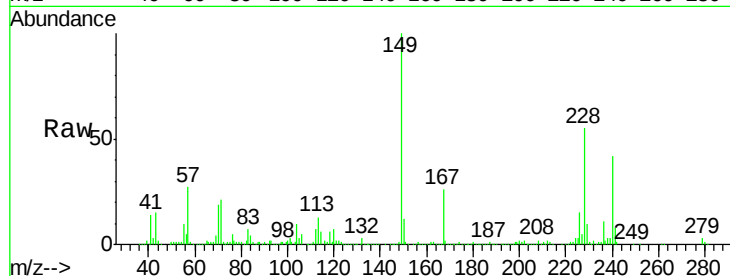




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.17 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

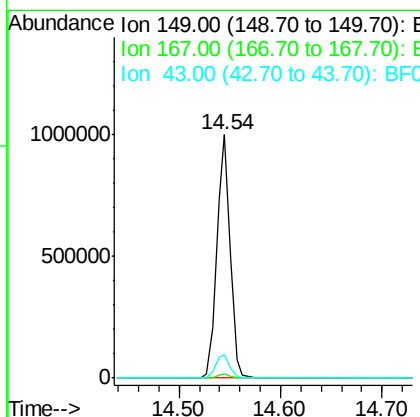
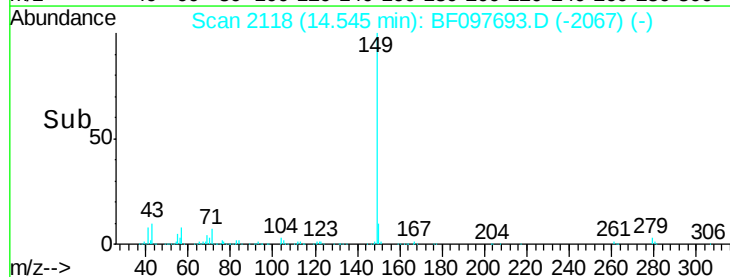
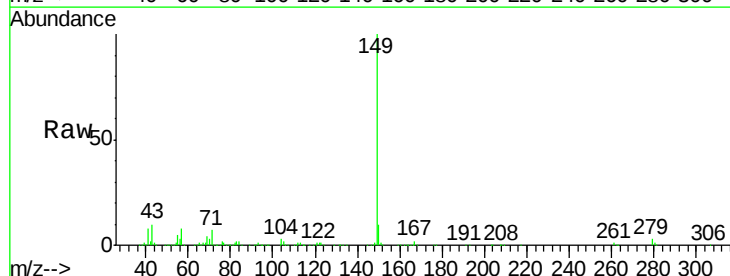
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

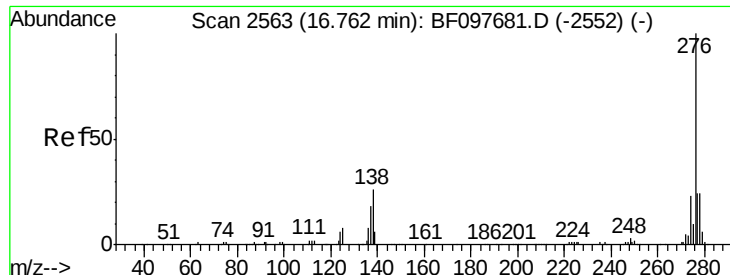
Tot Ion:149	Resp:	523369
Ion Ratio	Lower	Upper
149	100	
167	25.6	21.0 31.4
279	3.0	1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.79 ng
 RT: 14.54 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion:149	Resp:	903392
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.2 1.8
43	10.5	8.5 12.7

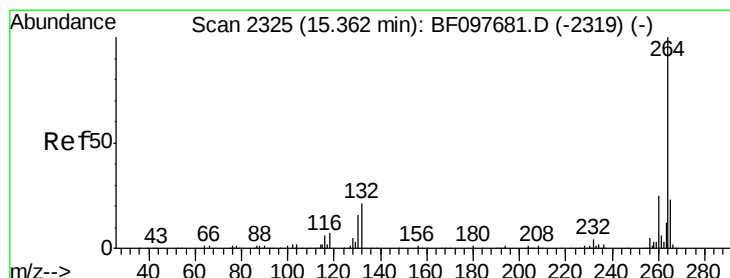
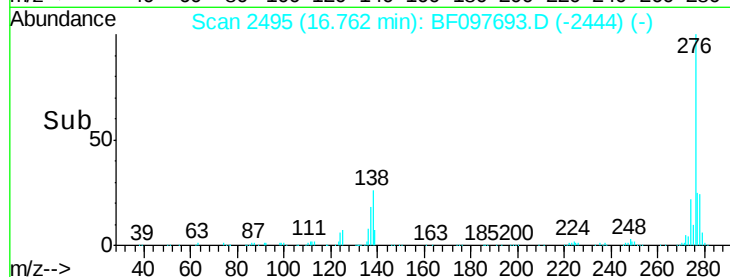
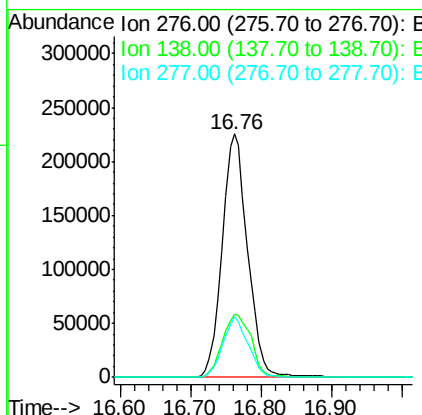
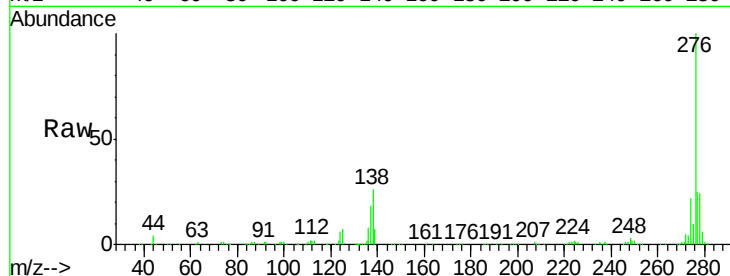




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.24 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

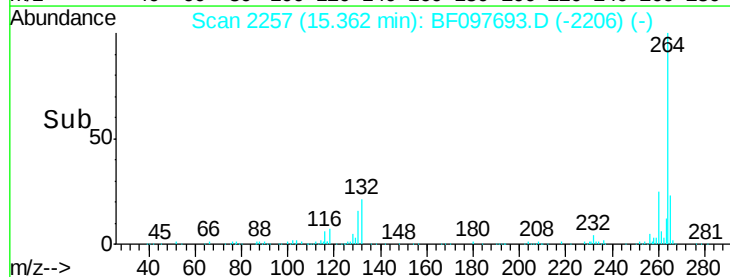
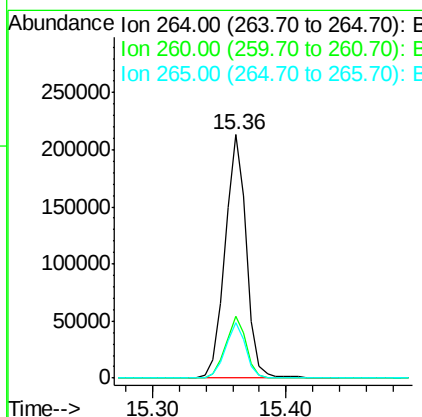
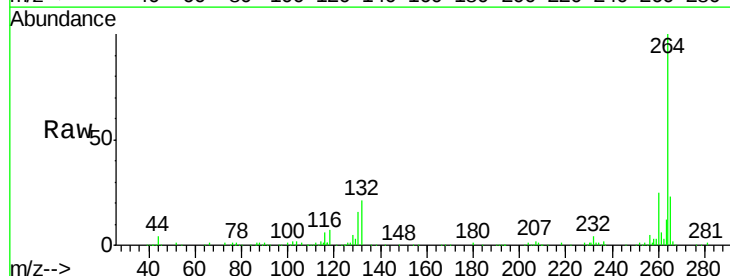
Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

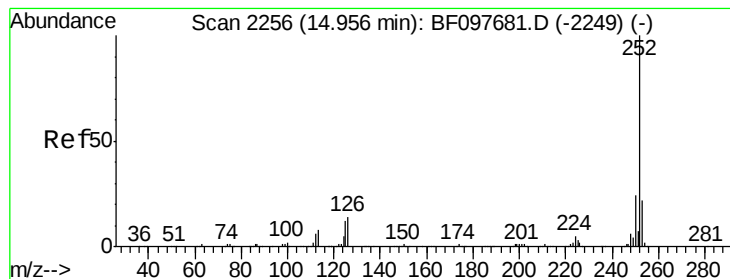
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.95 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101477BS

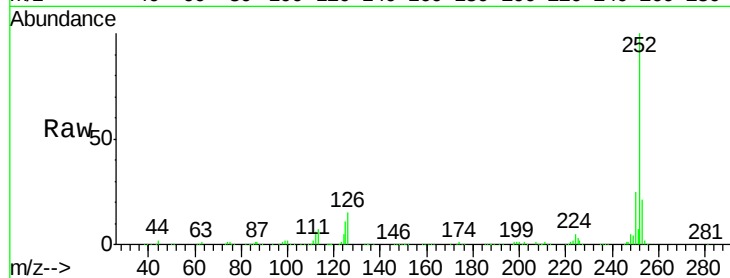
Tot Ion:252 Resp: 573675

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

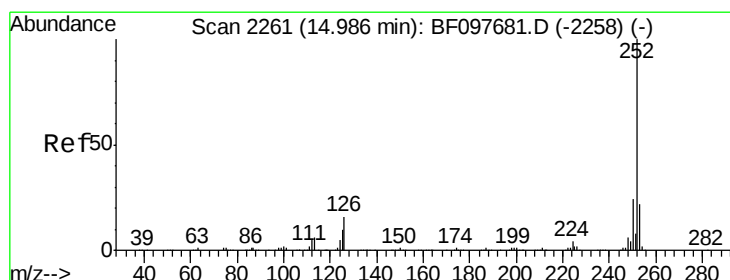
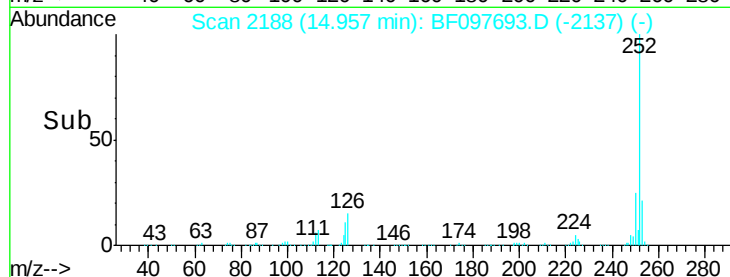
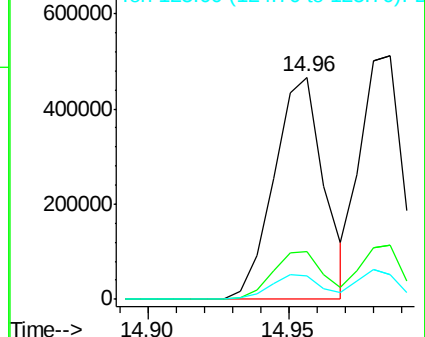
125 10.7 9.8 14.8



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: 38.24 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF097693.D

Acq: 15 Aug 2017 16:13

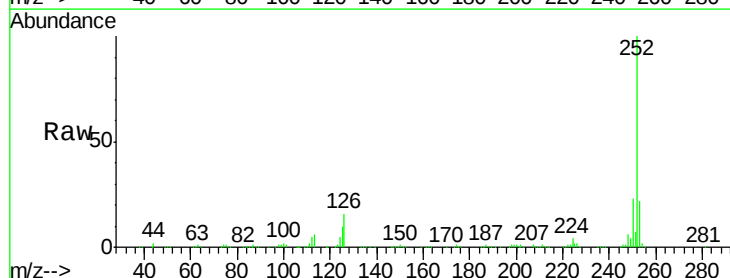
Tgt Ion:252 Resp: 543019

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

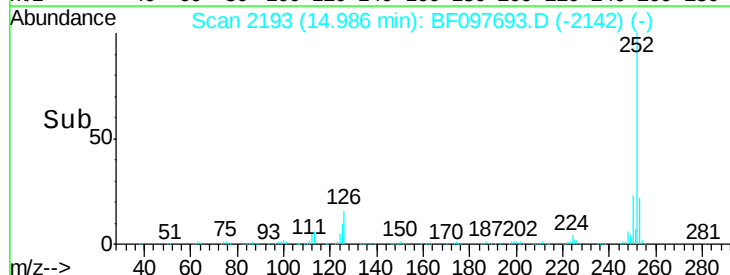
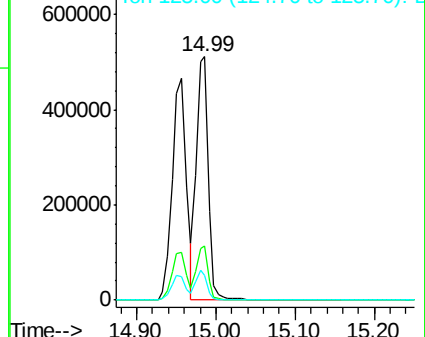
125 10.0 13.1 19.7#

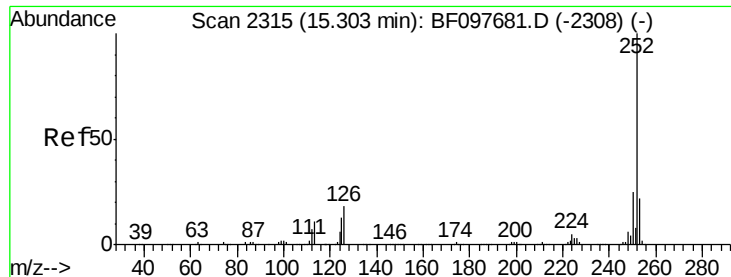


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

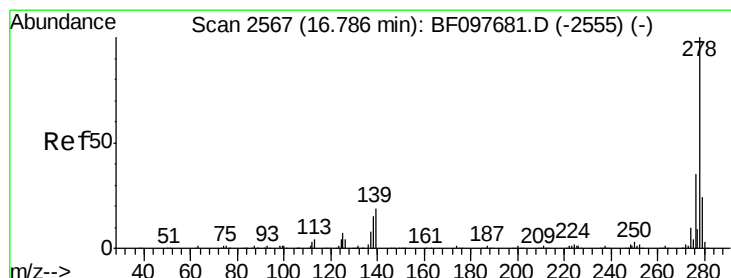
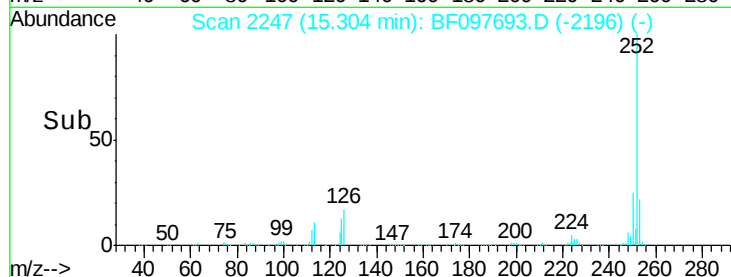
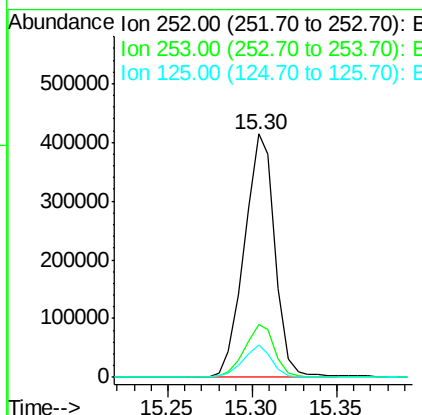
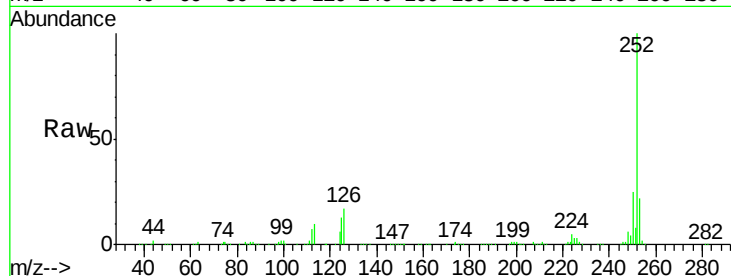




#89
Benzo(a)pyrene
Concen: 39.07 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

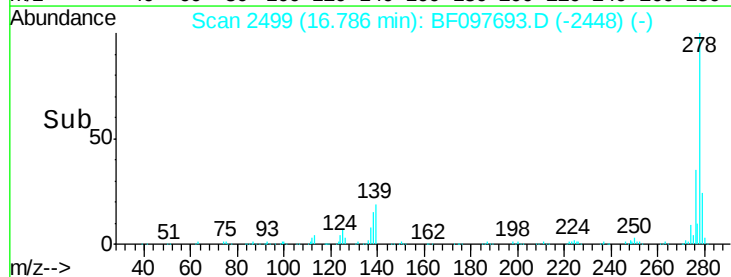
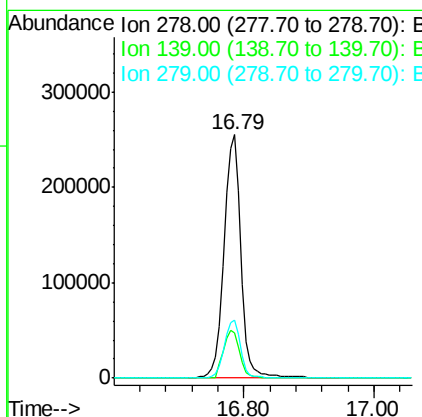
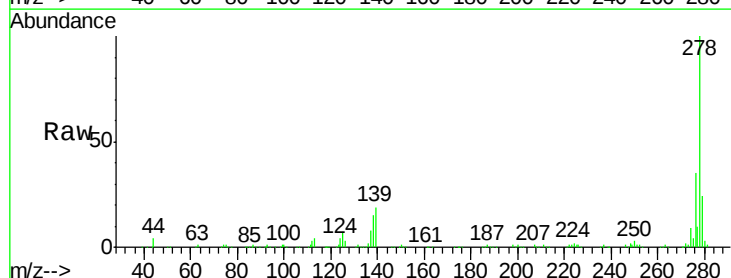
Instrument :
BNA_F
ClientSampleId :
PB101477BS

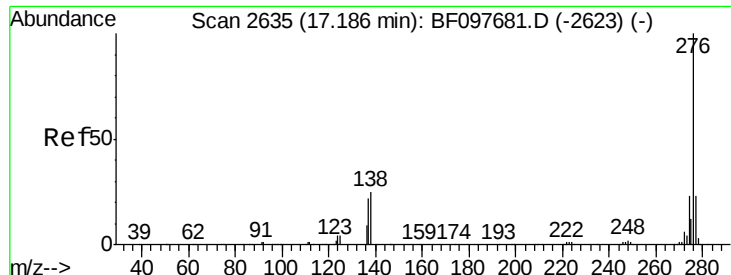
Tot Ion:252 Resp: 522869
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 13.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.27 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097693.D
Acq: 15 Aug 2017 16:13

Tgt Ion:278 Resp: 460483
Ion Ratio Lower Upper
278 100
139 18.8 16.6 24.8
279 24.1 19.3 28.9

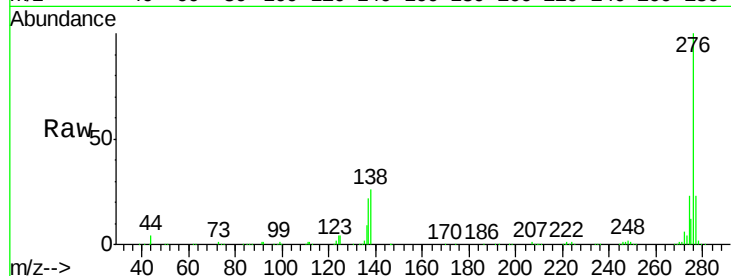




#91
 Benzo(a,h,i)perylene
 Concen: 42.32 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BF097693.D
 Acq: 15 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	26.3	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

