

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097479.D
 Acq On : 8 Aug 2017 20:16
 Operator : SJ/JU
 Sample : PB101345BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Quant Time: Aug 09 00:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	96317	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	404178	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	197455	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	324732	20.00	ng	0.00
75) Chrysene-d12	13.53	240	196069	20.00	ng	0.00
86) Perylene-d12	14.87	264	192377	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.01	112	812809	127.22	ng	0.00
7) Phenol-d6	6.09	99	899157	123.27	ng	0.00
23) Nitrobenzene-d5	6.98	82	603779	87.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	191754	122.91	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	994209	85.45	ng	0.00
78) Terphenyl-d14	12.49	244	780942	81.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	116455	43.68	ng	# 71
3) Pyridine	2.57	79	320600	39.27	ng	# 60
4) n-Nitrosodimethylamine	2.53	42	204924	45.31	ng	# 79
6) Aniline	6.07	93	283178	30.85	ng	# 87
8) 2-Chlorophenol	6.20	128	283345	41.47	ng	96
9) Benzaldehyde	5.95	77	128089	29.67	ng	91
10) Phenol	6.10	94	357630	41.34	ng	95
11) bis(2-Chloroethyl)ether	6.16	93	262854	38.41	ng	90
12) 1,3-Dichlorobenzene	6.35	146	309460	42.03	ng	99
13) 1,4-Dichlorobenzene	6.42	146	315771	43.28	ng	95
14) 1,2-Dichlorobenzene	6.57	146	265898	41.74	ng	99
15) Benzyl Alcohol	6.57	79	232181	50.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.70	45	547295	39.88	ng	54
17) 2-Methylphenol	6.70	107	226959	43.04	ng	# 87
18) Hexachloroethane	6.91	117	116329	43.58	ng	# 82
19) n-Nitroso-di-n-propylamine	6.85	70	224815	46.82	ng	# 83
20) 3+4-Methylphenols	6.86	107	340953	49.51	ng	# 61
22) Acetophenone	6.83	105	441998	45.54	ng	97
24) Nitrobenzene	7.00	77	321542	44.81	ng	96
25) Isophorone	7.25	82	565721	41.93	ng	97
26) 2-Nitrophenol	7.32	139	168466	43.40	ng	# 84
27) 2,4-Dimethylphenol	7.37	122	265183	41.41	ng	99
28) bis(2-Chloroethoxy)methane	7.46	93	350745	39.83	ng	99
29) 2,4-Dichlorophenol	7.57	162	256559	46.51	ng	94
30) 1,2,4-Trichlorobenzene	7.64	180	227977	43.35	ng	98
31) Naphthalene	7.71	128	819397	43.01	ng	99
32) Benzoic acid	7.56	122	193170	40.40	ng	94
33) 4-Chloroaniline	7.78	127	183493	23.67	ng	96
34) Hexachlorobutadiene	7.83	225	114277	40.99	ng	98
35) Caprolactam	8.16	113	47183	26.67	ng	# 53
36) 4-Chloro-3-methylphenol	8.29	107	285297	47.40	ng	89
37) 2-Methylnaphthalene	8.40	142	600956	49.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	215686	40.94	ng	99
40) Hexachlorocyclopentadiene	8.56	237	105100	58.94	ng	97

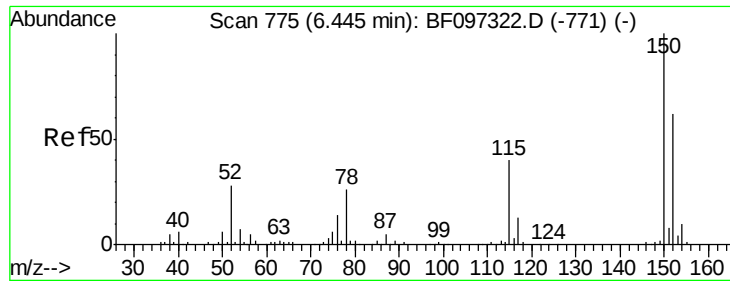
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144361	37.81	nq	100
43) 2,4,5-Trichlorophenol	8.75	196	144242	37.74	nq	96
45) 1,1'-Biphenyl	8.87	154	665589	39.46	nq	97
46) 2-Chloronaphthalene	8.89	162	517004	41.66	nq	# 92
47) 2-Nitroaniline	9.00	65	209936	46.61	nq	94
48) Acenaphthylene	9.30	152	798857	41.93	nq	99
49) Dimethylphthalate	9.18	163	617473	41.18	nq	100
50) 2,6-Dinitrotoluene	9.25	165	134265	42.22	nq	# 71
51) Acenaphthene	9.47	154	469668	41.86	nq	99
52) 3-Nitroaniline	9.42	138	106682	27.03	nq	89
53) 2,4-Dinitrophenol	9.54	184	116408	80.50	nq	# 72
54) Dibenzofuran	9.64	168	696243	46.58	nq	94
55) 4-Nitrophenol	9.64	139	436828	186.08	nq	# 35
56) 2,4-Dinitrotoluene	9.66	165	182929	50.04	nq	# 78
57) Fluorene	9.98	166	497012	44.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	120704	45.75	nq	98
59) Diethylphthalate	9.88	149	585652	42.57	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	200746	43.28	nq	100
61) 4-Nitroaniline	10.03	138	163361	43.55	nq	92
62) Azobenzene	10.14	77	611329	47.90	nq	91
64) 4,6-Dinitro-2-methylphenol	10.07	198	87518	43.37	nq	88
65) n-Nitrosodiphenylamine	10.10	169	486357	43.05	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	136999	42.27	nq	96
67) Hexachlorobenzene	10.53	284	146445	40.30	nq	# 83
68) Atrazine	10.64	200	141557	43.69	nq	93
69) Pentachlorophenol	10.74	266	86016	57.20	nq	97
70) Phenanthrene	10.93	178	754765	43.38	nq	99
71) Anthracene	10.99	178	778242	43.67	nq	99
72) Carbazole	11.15	167	771975	44.05	nq	99
73) Di-n-butylphthalate	11.49	149	898156	41.46	nq	100
74) Fluoranthene	12.12	202	745631	43.74	nq	99
76) Benzidine	12.24	184	403015	55.40	nq	# 94
77) Pyrene	12.34	202	765213	47.67	nq	99
79) Butylbenzylphthalate	12.97	149	375998	46.05	nq	# 78
80) Benzo(a)anthracene	13.52	228	556845	43.89	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	142670	29.82	nq	# 96
82) Chrysene	13.56	228	563024	45.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	423851	39.76	nq	98
84) Di-n-octyl phthalate	14.14	149	775013	39.61	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	463346	43.62	nq	97
87) Benzo(b)fluoranthene	14.52	252	479699	41.48	nq	97
88) Benzo(k)fluoranthene	14.54	252	466460	42.33	nq	98
89) Benzo(a)pyrene	14.82	252	461647	43.62	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	374612	43.16	nq	96
91) Benzo(g,h,i)perylene	16.40	276	412411	45.31	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

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BNA_F

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PB101345BS

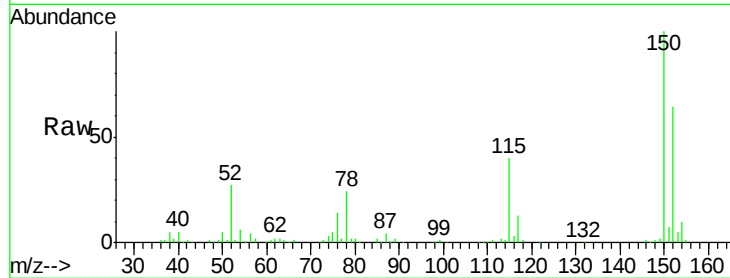
Tot Ion:152 Resp: 96317

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

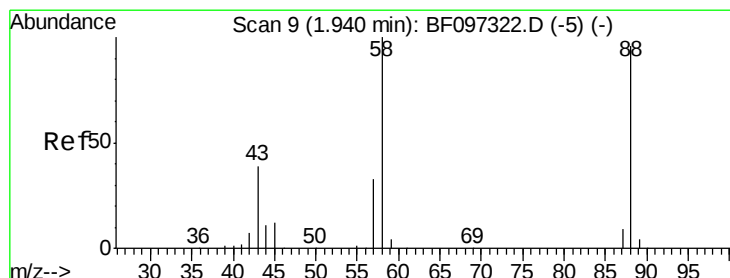
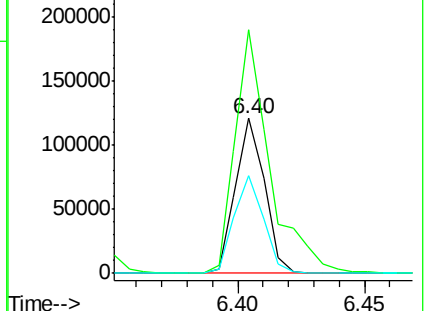
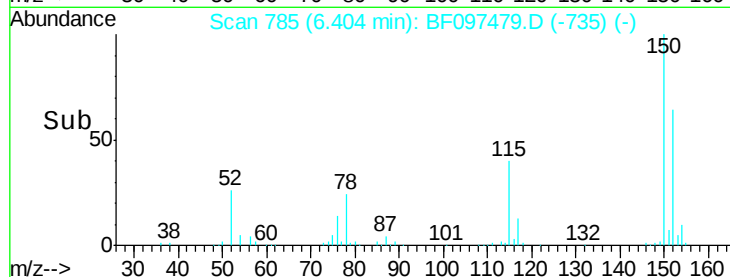
115 63.0 52.2 78.2



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: 43.68 ng

RT: 1.98 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

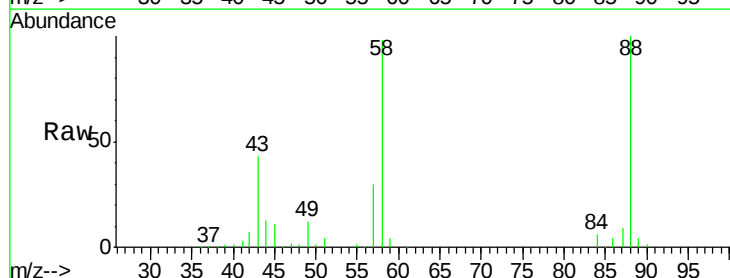
Tgt Ion: 88 Resp: 116455

Ion Ratio Lower Upper

88 100

58 101.3 61.4 92.0#

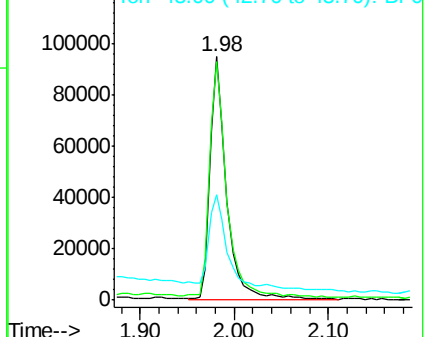
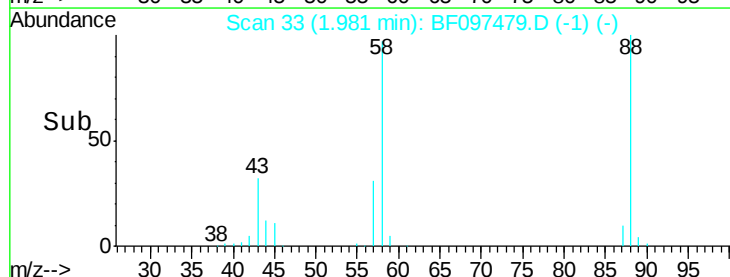
43 45.2 23.4 35.0#

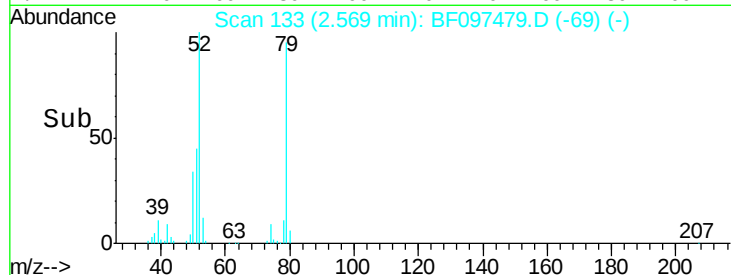
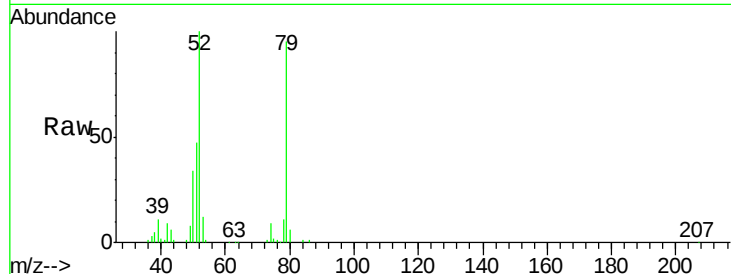
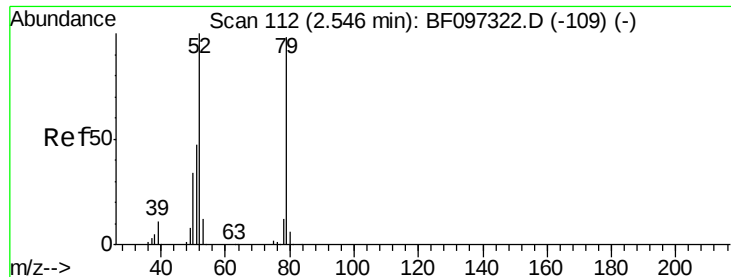


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



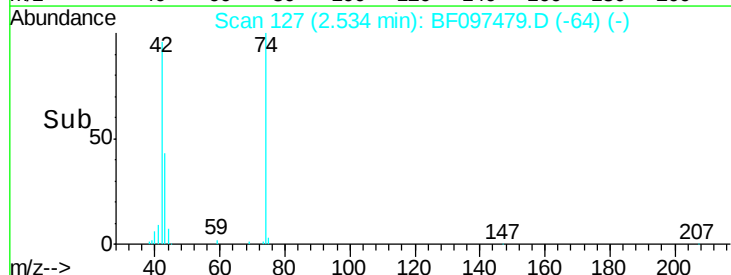
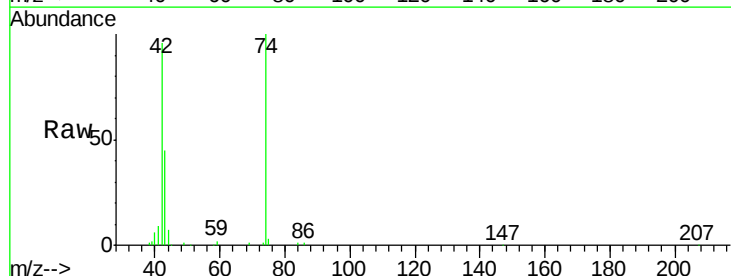
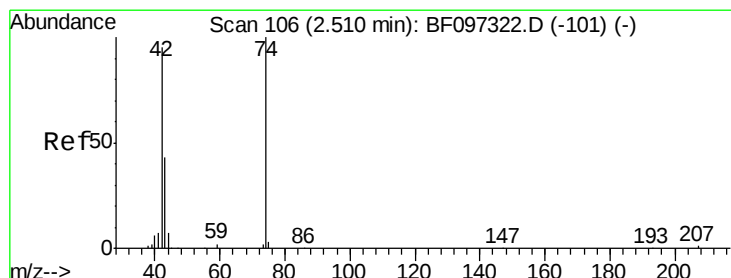
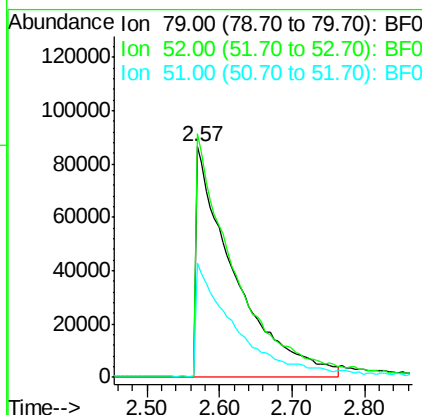


#3
Pvridine
Concen: 39.27 ng
RT: 2.57 min Scan# 133
Delta R.T. 0.08 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion: 79 Resp: 320600

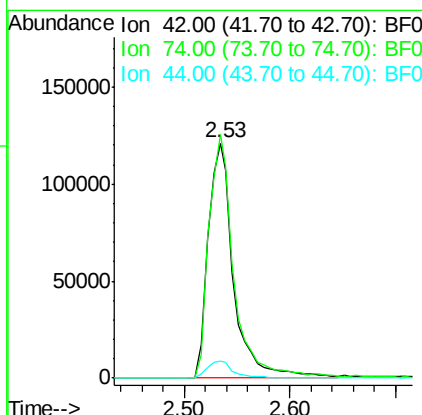
Ion	Ratio	Lower	Upper
79	100		
52	105.8	54.8	82.2#
51	49.7	27.0	40.4#

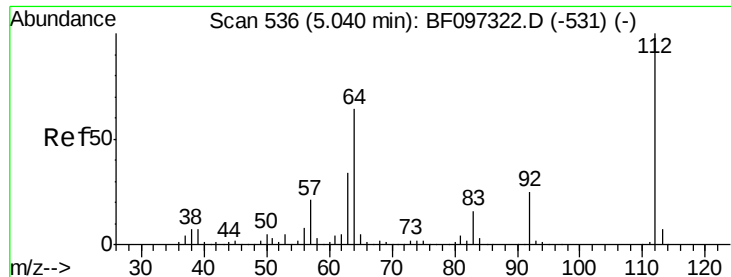


#4
n-Nitrosodimethylamine
Concen: 45.31 ng
RT: 2.53 min Scan# 127
Delta R.T. 0.07 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 42 Resp: 204924

Ion	Ratio	Lower	Upper
42	100		
74	103.7	103.9	155.9#
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 127.22 ng

RT: 5.01 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

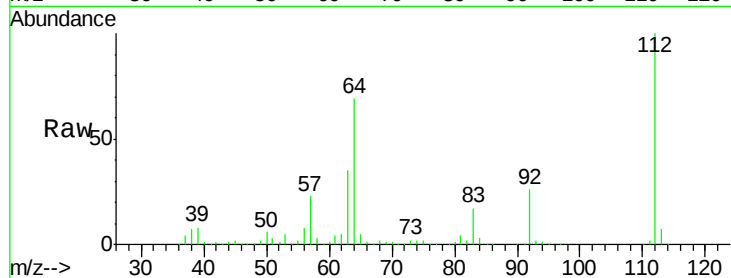
Tot Ion:112 Resp: 812809

Ion Ratio Lower Upper

112 100

64 68.6 46.0 69.0

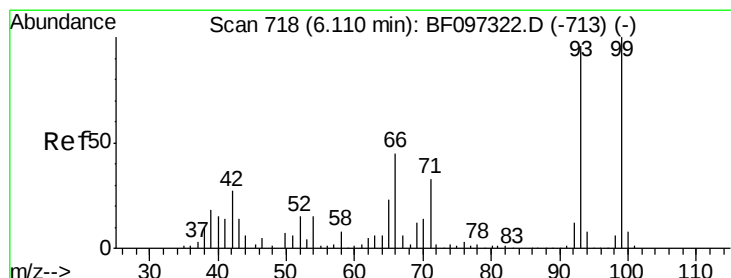
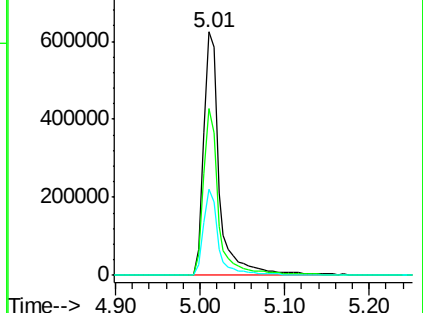
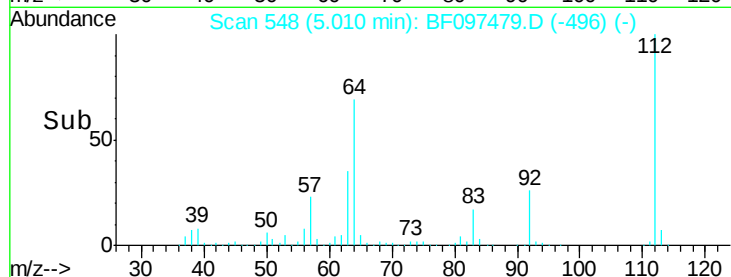
63 35.4 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.85 ng

RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

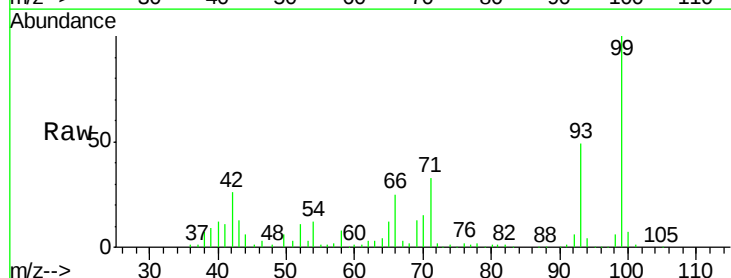
Tgt Ion: 93 Resp: 283178

Ion Ratio Lower Upper

93 100

66 50.6 32.9 49.3#

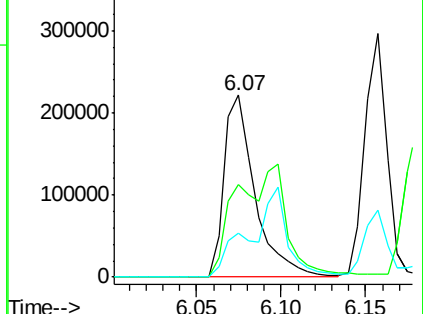
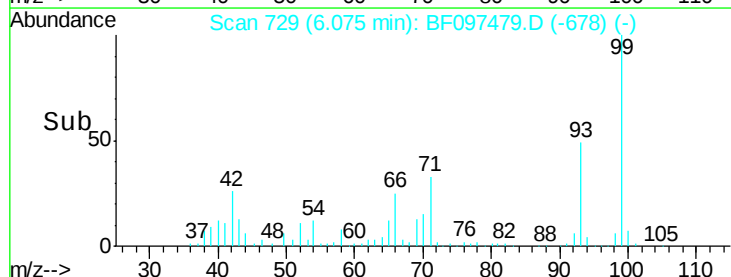
65 23.9 16.0 24.0

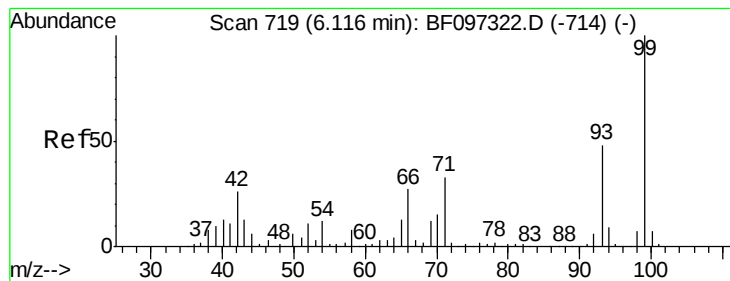


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.27 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

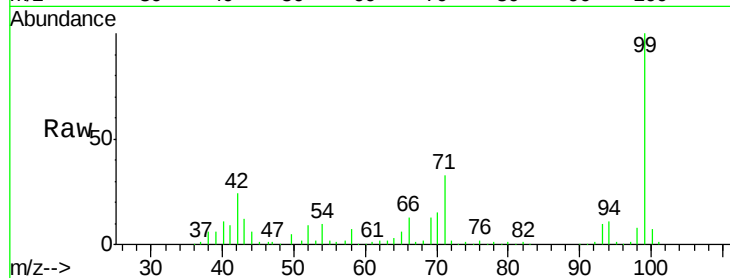
Tot Ion: 99 Resp: 899157

Ion Ratio Lower Upper

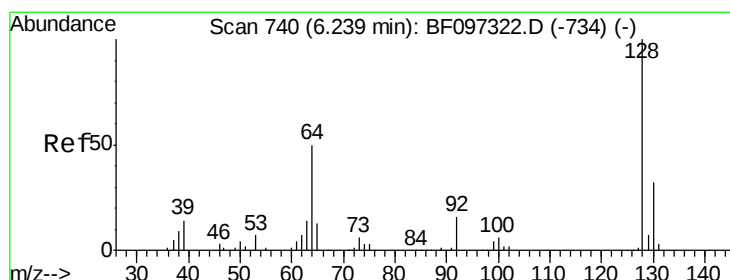
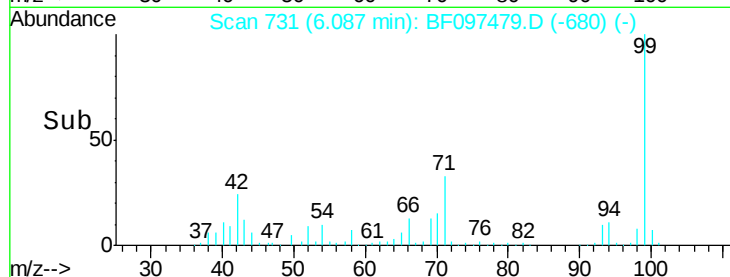
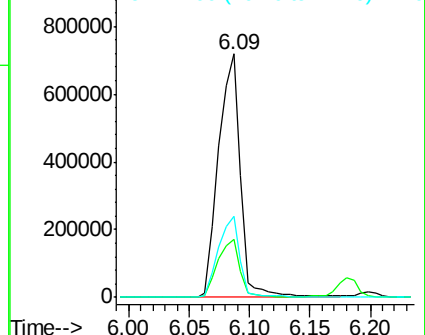
99 100

42 23.6 13.5 20.3#

71 33.1 24.5 36.7



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



#8

2-Chlorophenol

Concen: 41.47 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

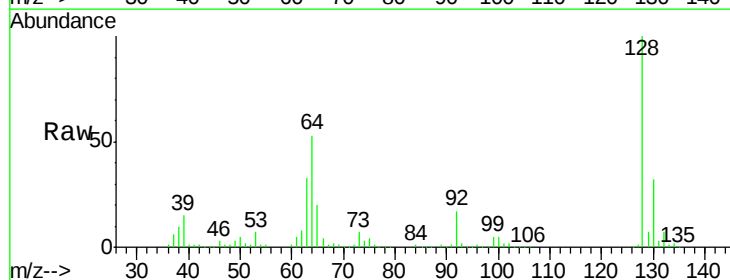
Tgt Ion: 128 Resp: 283345

Ion Ratio Lower Upper

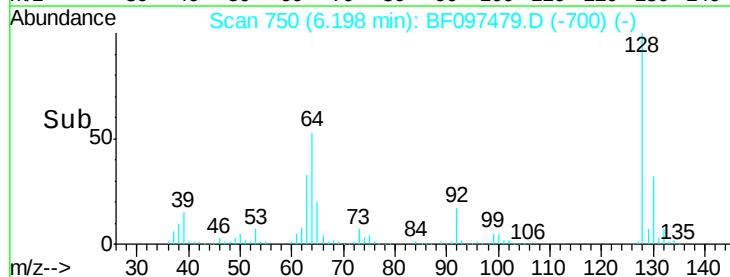
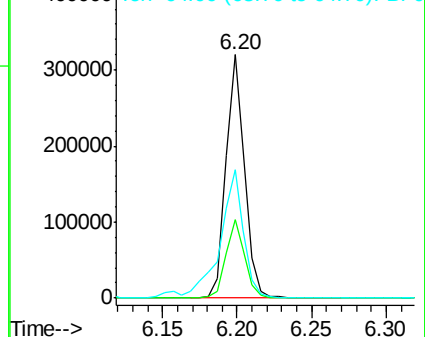
128 100

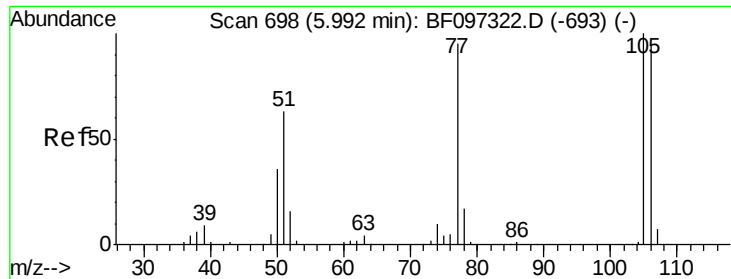
130 32.5 12.9 52.9

64 52.6 28.4 68.4



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

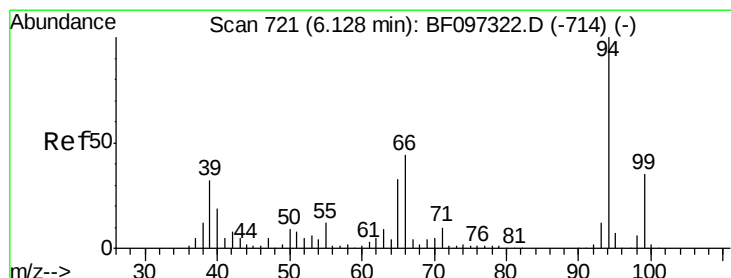
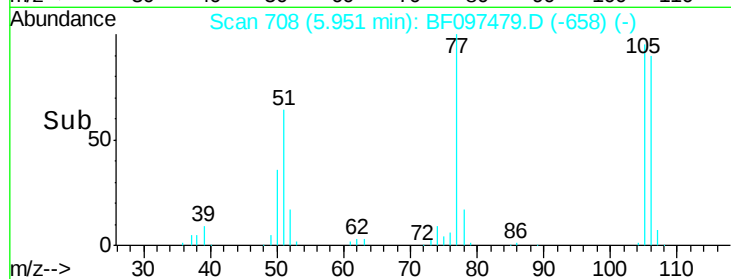
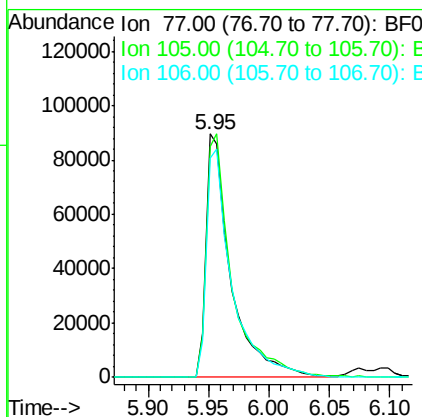
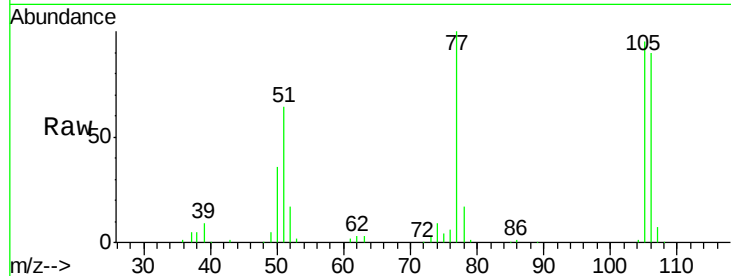




#9
Benzaldehyde
Concen: 29.67 ng
RT: 5.95 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

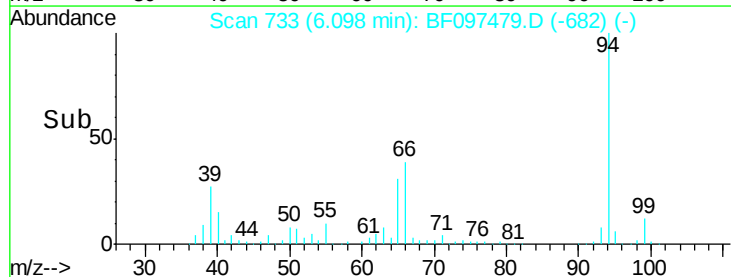
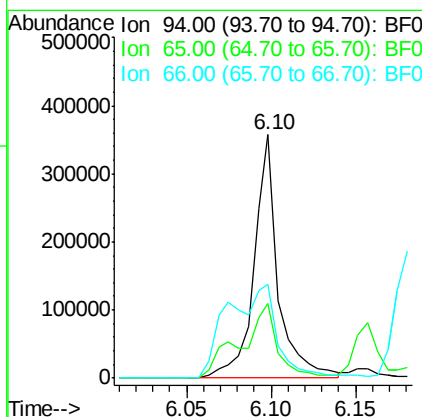
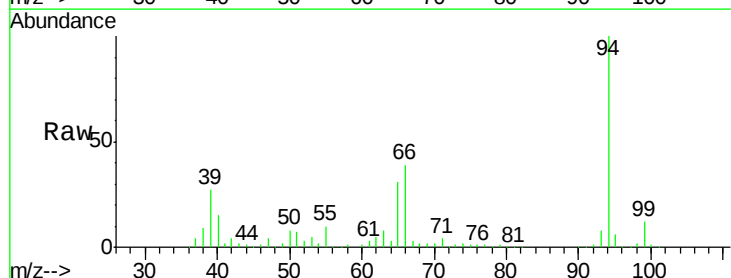
Instrument :
BNA_F
ClientSampleId :
PB101345BS

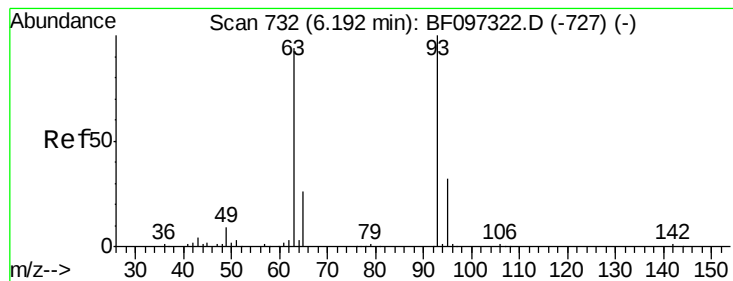
Tot Ion: 77 Resp: 128089
Ion Ratio Lower Upper
77 100
105 94.9 83.8 123.8
106 90.1 79.1 119.1



#10
Phenol
Concen: 41.34 ng
RT: 6.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 94 Resp: 357630
Ion Ratio Lower Upper
94 100
65 30.6 9.9 49.9
66 38.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.41 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

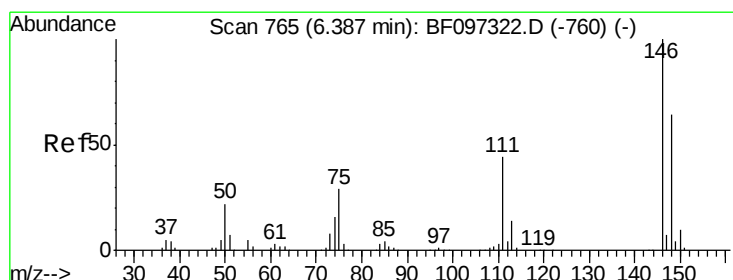
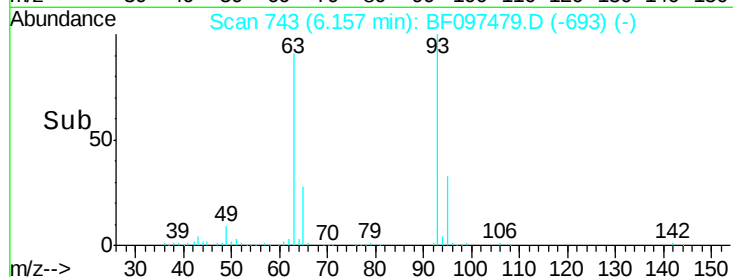
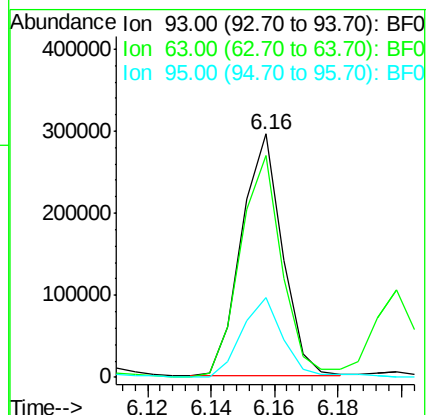
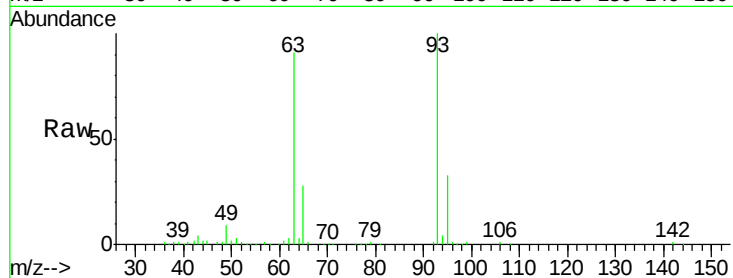
Tot Ion: 93 Resp: 262854

Ion Ratio Lower Upper

93 100

63 90.9 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.03 ng

RT: 6.35 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

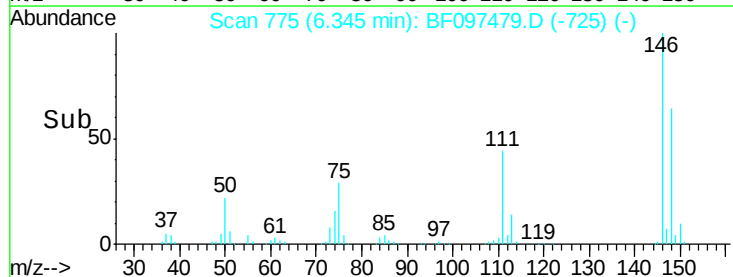
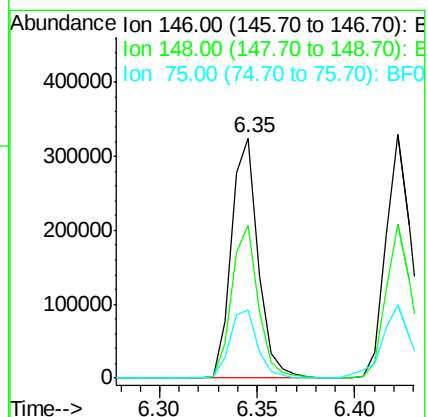
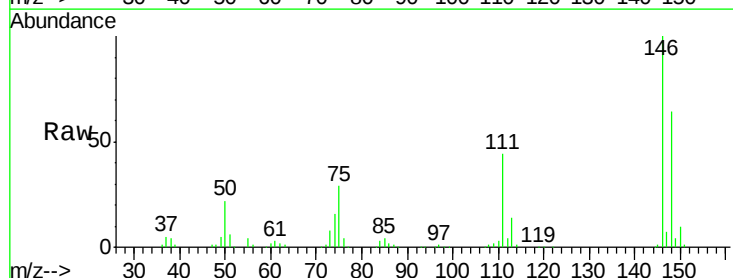
Tgt Ion: 146 Resp: 309460

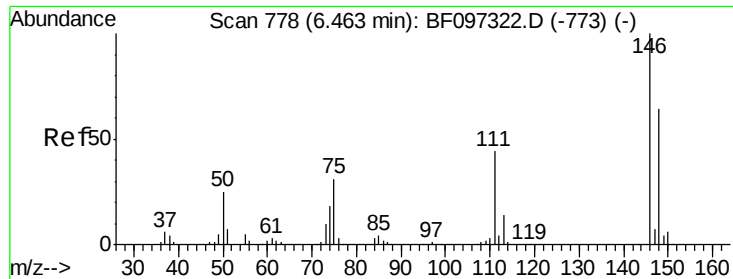
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 28.7 23.1 34.7

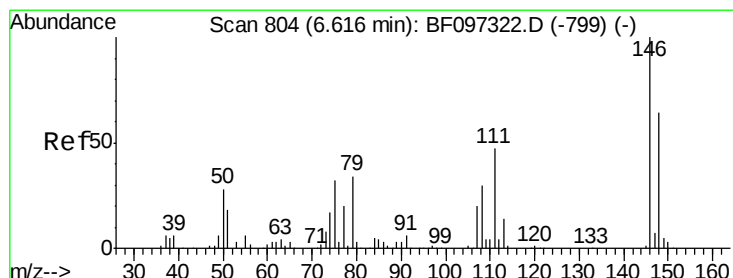
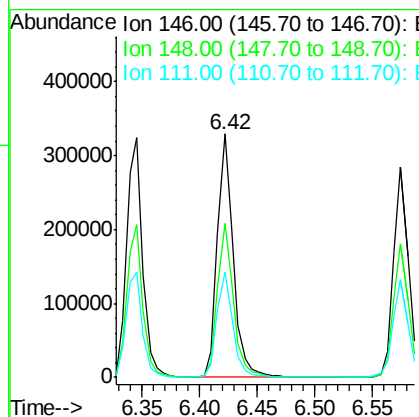
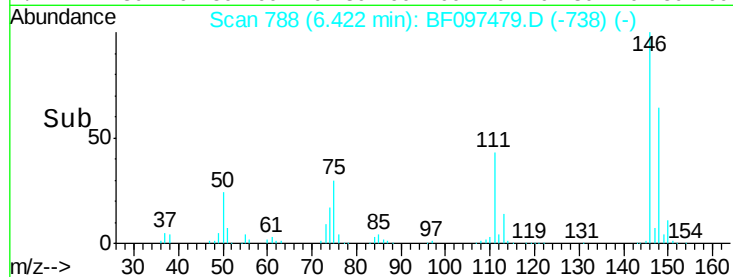
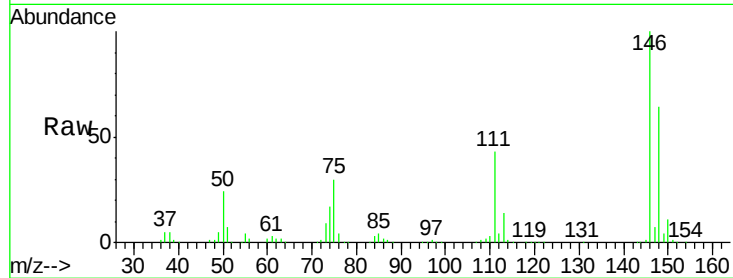




#13
 1,4-Dichlorobenzene
 Concen: 43.28 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

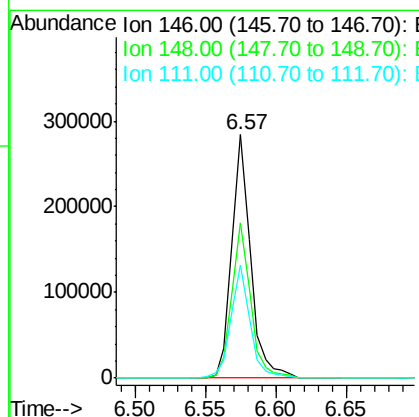
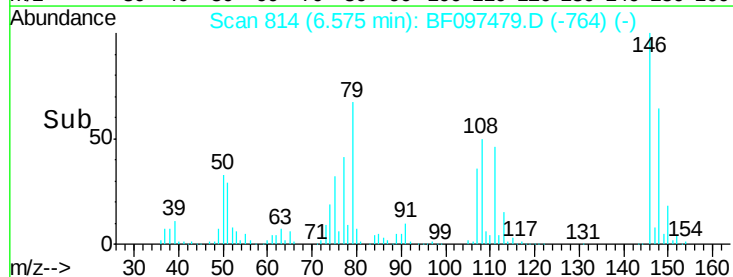
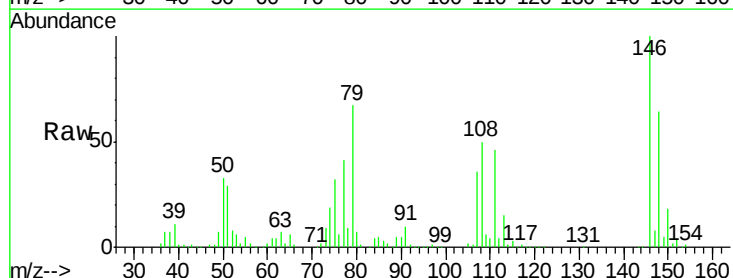
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

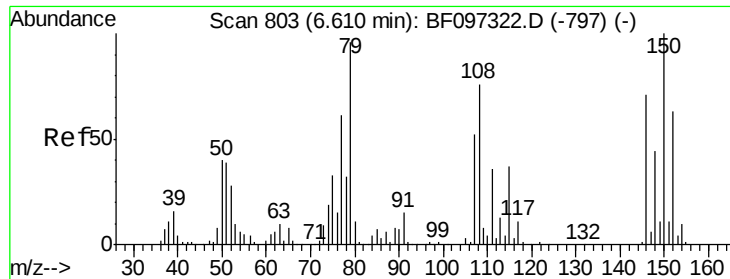
Tot Ion:146 Resp: 315771
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 43.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.74 ng
 RT: 6.57 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:146 Resp: 265898
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 46.4 38.2 57.4

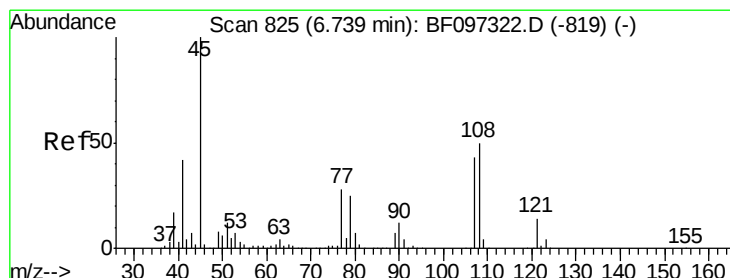
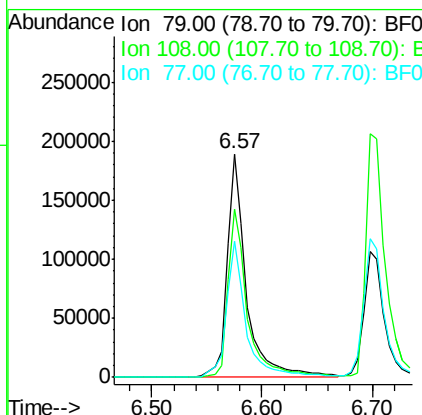
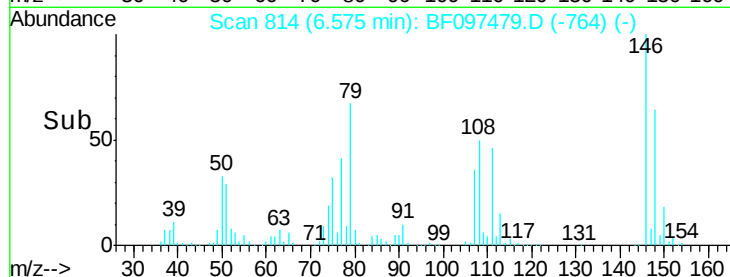
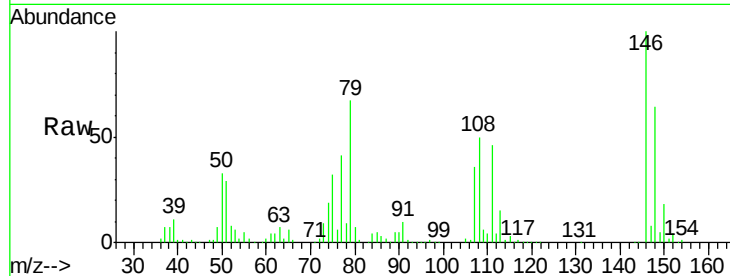




#15
Benzyl Alcohol
Concen: 50.28 ng
RT: 6.57 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

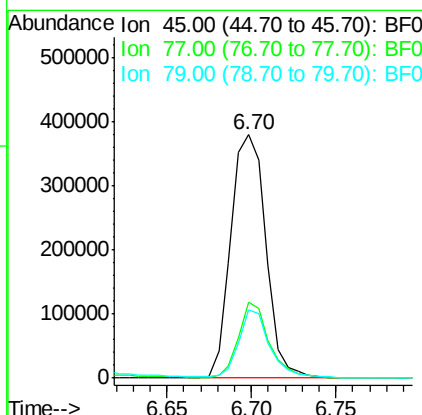
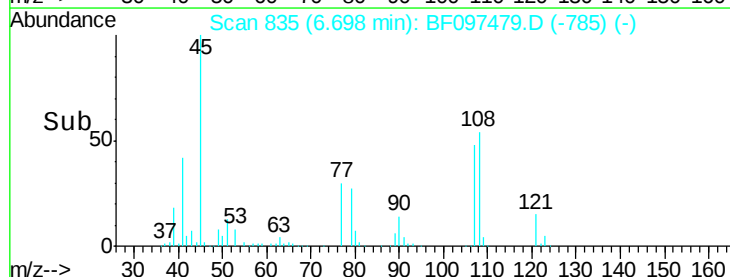
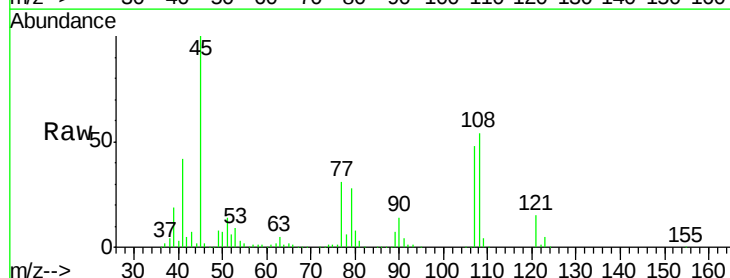
Instrument :
BNA_F
ClientSampleID :
PB101345BS

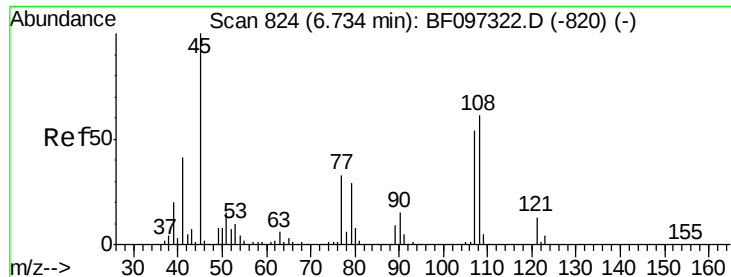
Tot Ion: 79 Resp: 232181
Ion Ratio Lower Upper
79 100
108 75.1 63.4 95.0
77 60.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.88 ng
RT: 6.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 45 Resp: 547295
Ion Ratio Lower Upper
45 100
77 30.9 0.0 33.2
79 28.1 0.0 30.0





#17

2-Methylphenol

Concen: 43.04 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

Tot Ion:107 Resp: 226959

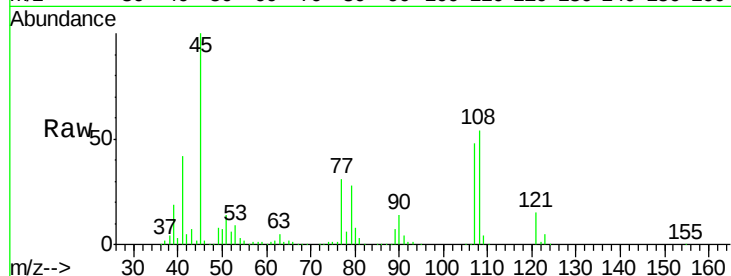
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 65.1 35.8 53.6#

79 59.0 34.8 52.2#

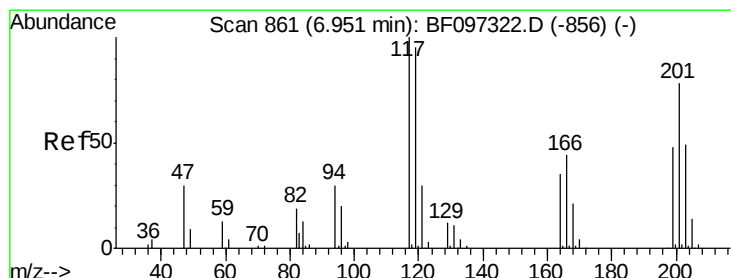
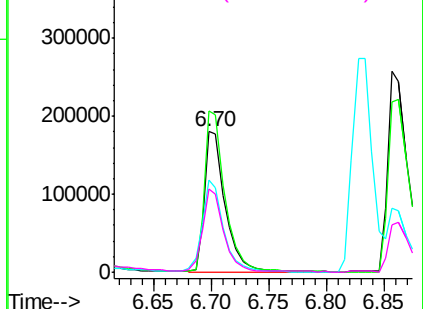
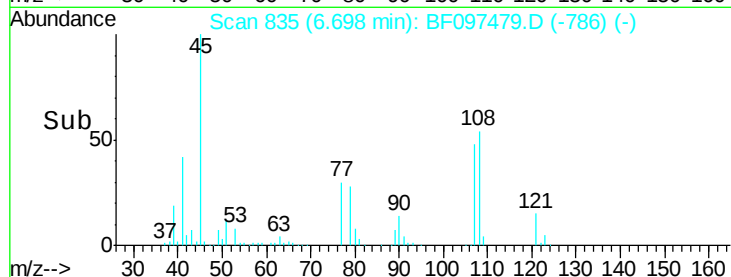


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.58 ng

RT: 6.91 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

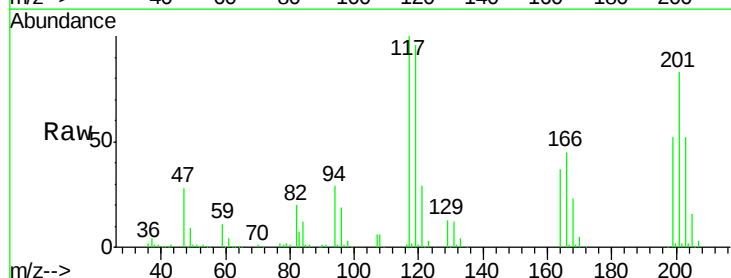
Tgt Ion:117 Resp: 116329

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

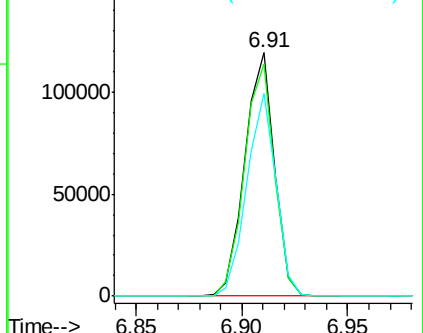
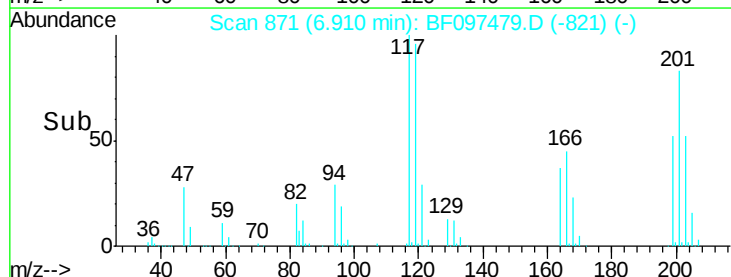
201 83.2 94.6 141.8#

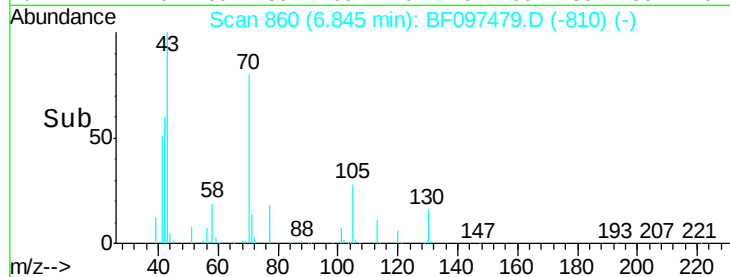
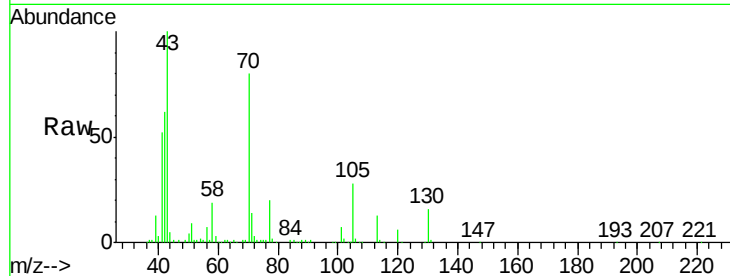
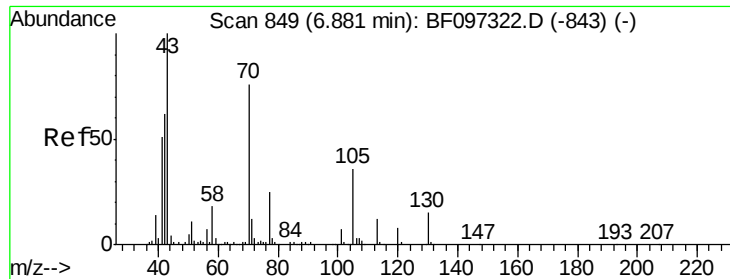


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

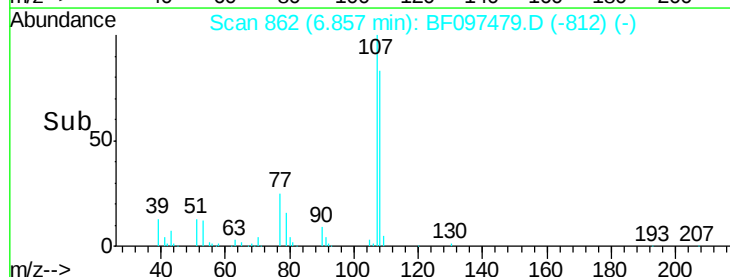
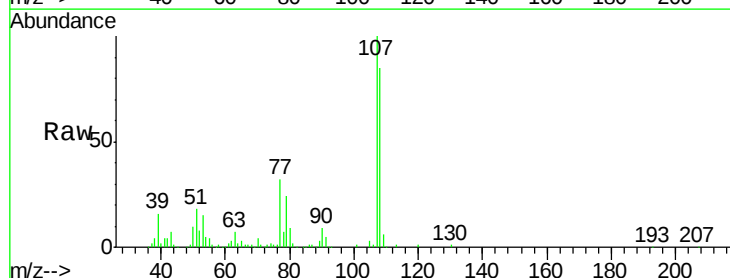
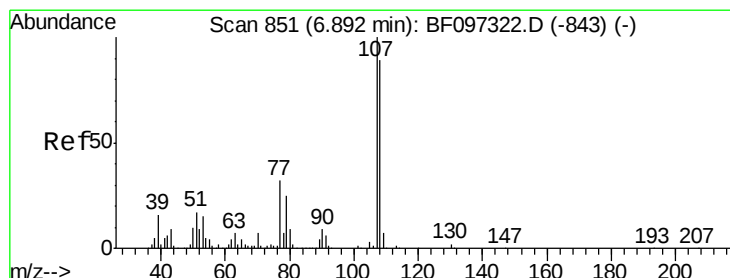
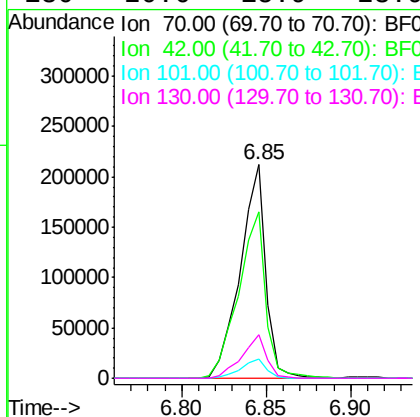




#19
n-Nitroso-di-n-propylamine
Concen: 46.82 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

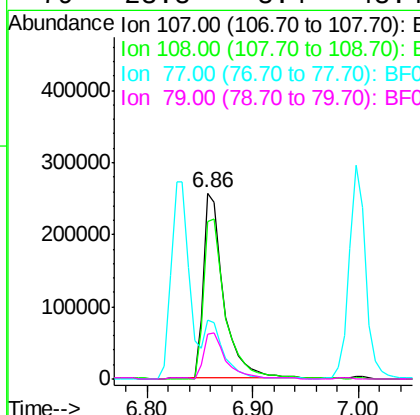
Instrument :
BNA_F
ClientSampleId :
PB101345BS

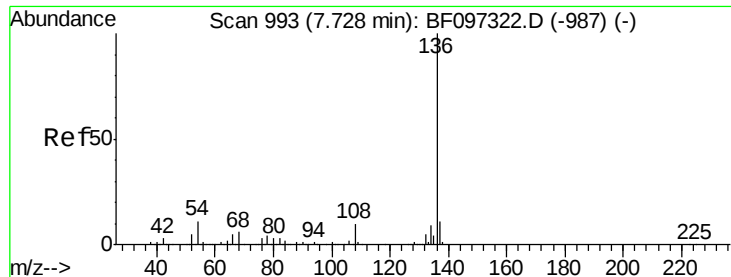
Tot Ion: 70 Resp: 224815
Ion Ratio Lower Upper
70 100
42 77.9 47.2 70.8#
101 9.2 7.2 10.8
130 20.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 107 Resp: 340953
Ion Ratio Lower Upper
107 100
108 84.9 71.0 111.0
77 31.7 90.5 130.5#
79 23.8 8.4 48.4

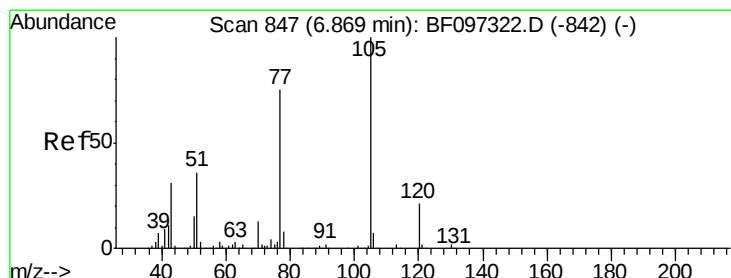
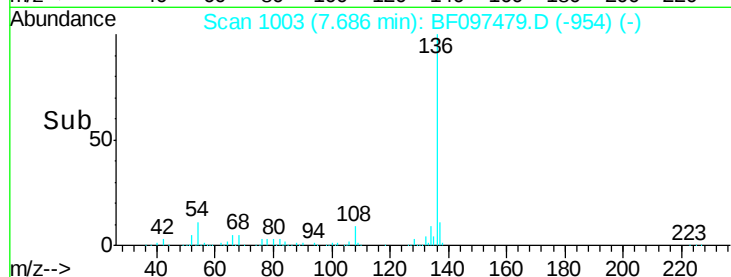
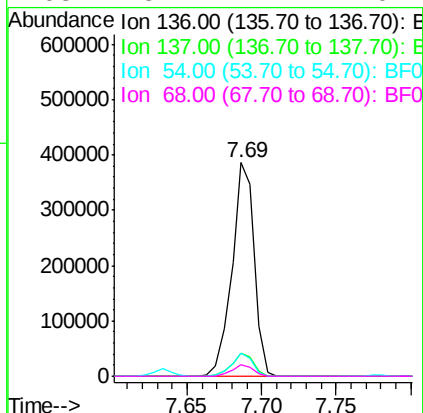
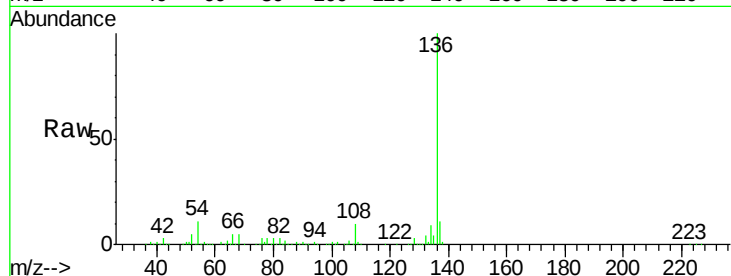




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

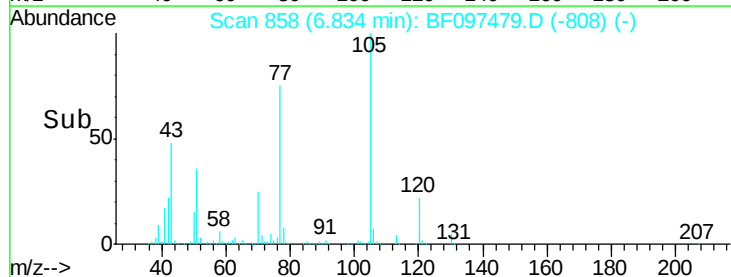
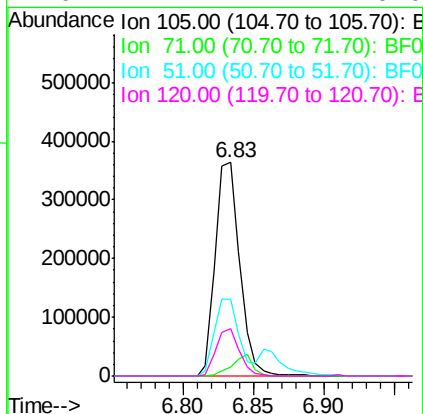
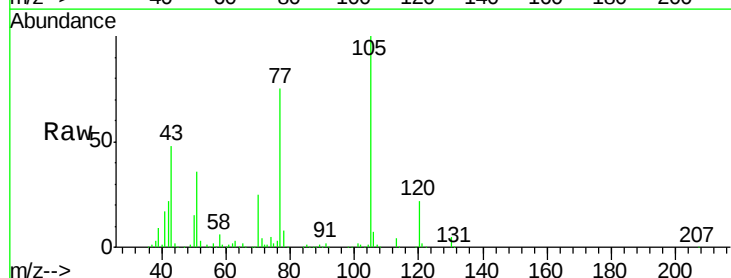
Instrument :
BNA_F
ClientSampleId :
PB101345BS

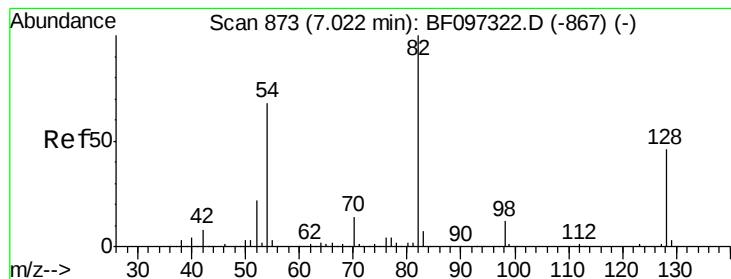
Tot Ion:136	Resp:	404178
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	11.0	4.9 7.3#
68	5.4	4.1 6.1



#22
Acetophenone
Concen: 45.54 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:105	Resp:	441998
Ion Ratio	Lower	Upper
105	100	
71	4.2	2.8 4.2
51	36.0	30.7 46.1
120	22.4	17.4 26.0





#23

Nitrobenzene-d5

Concen: 87.63 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

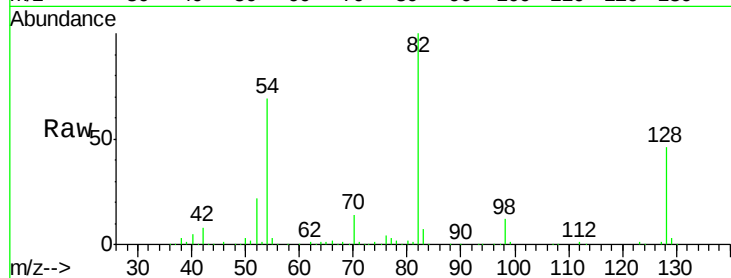
Tot Ion: 82 Resp: 603779

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

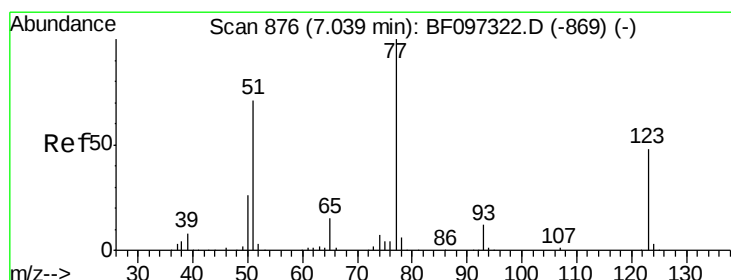
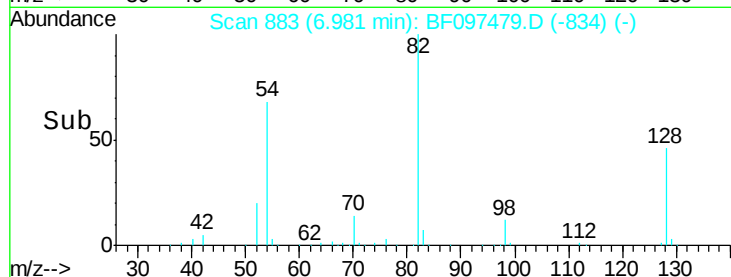
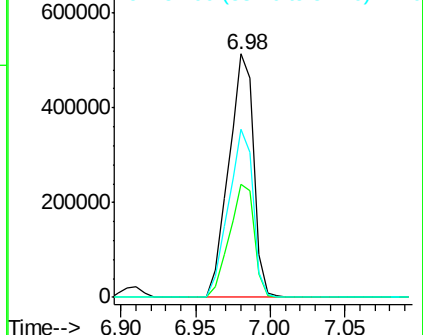
54 68.9 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.81 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

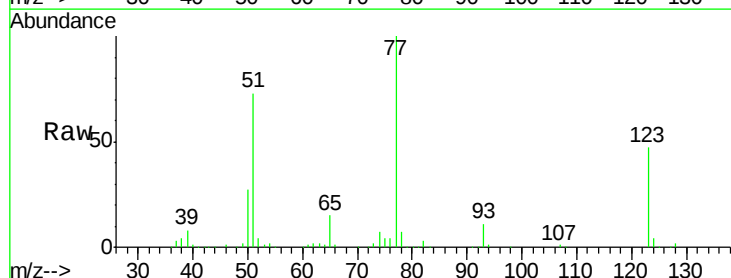
Tgt Ion: 77 Resp: 321542

Ion Ratio Lower Upper

77 100

123 47.4 35.8 53.8

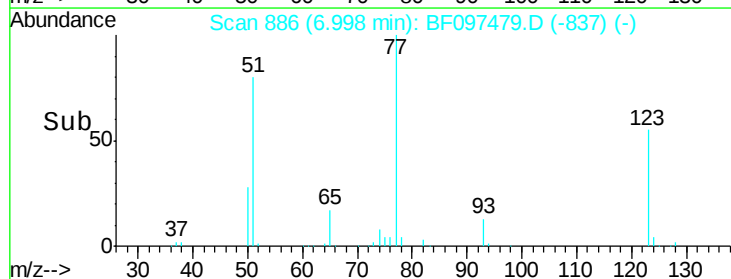
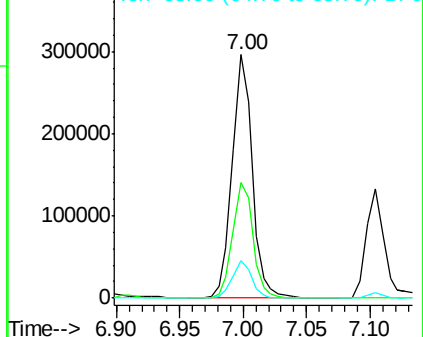
65 15.3 10.6 15.8

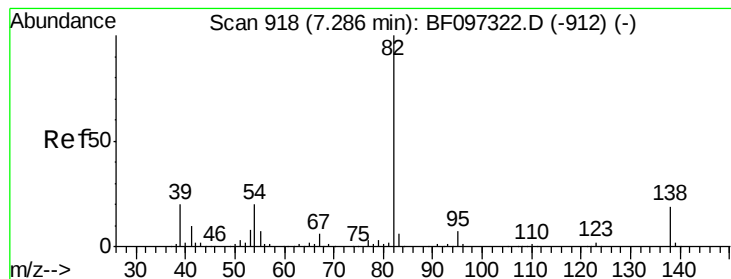


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.93 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

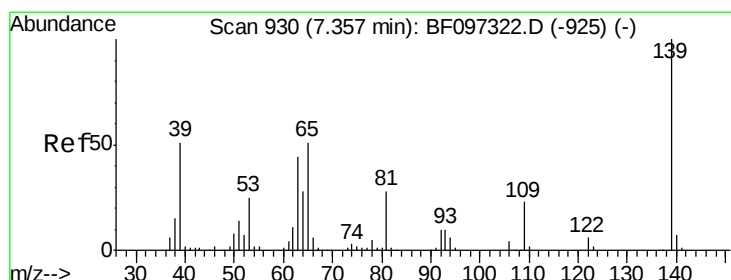
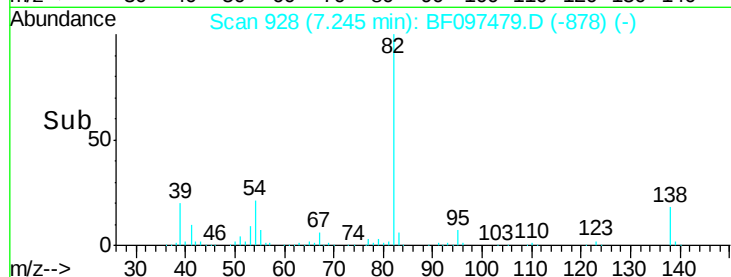
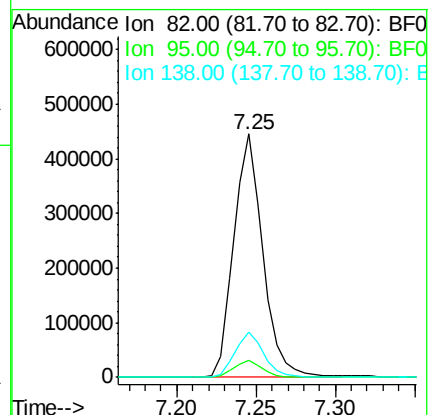
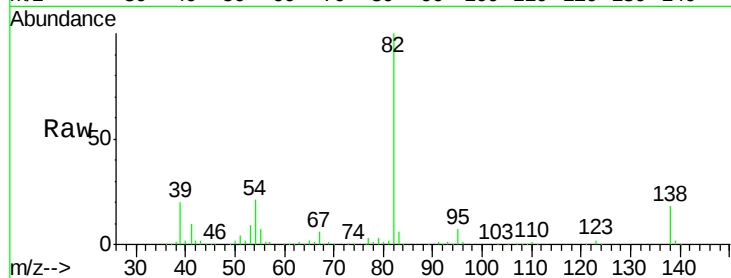
Tot Ion: 82 Resp: 565721

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 43.40 ng

RT: 7.32 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

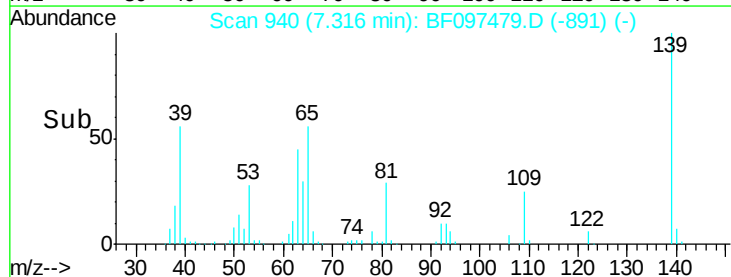
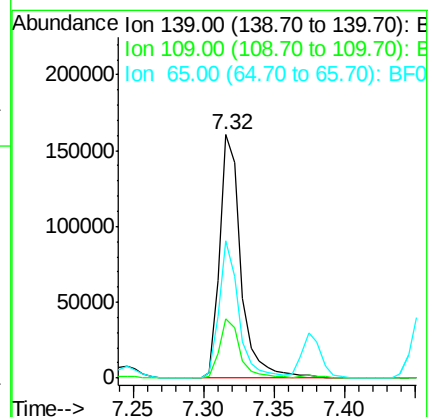
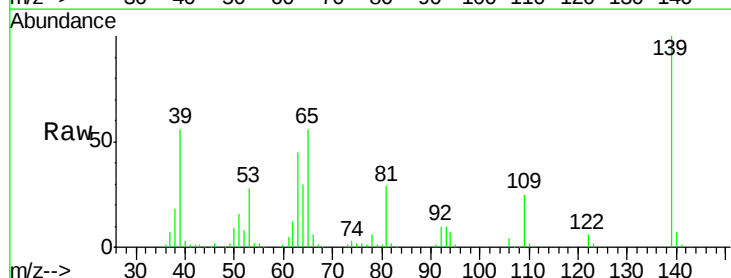
Tgt Ion: 139 Resp: 168466

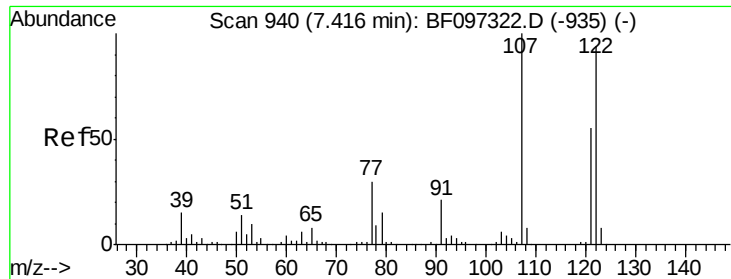
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 56.4 33.0 49.6#

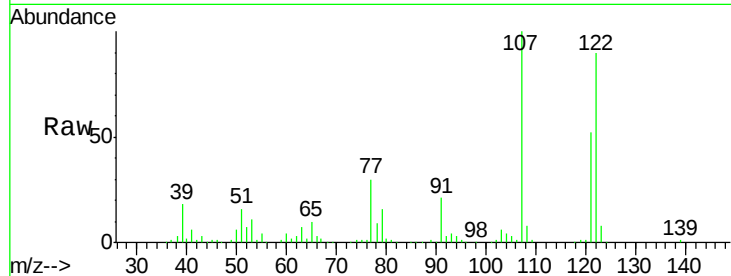




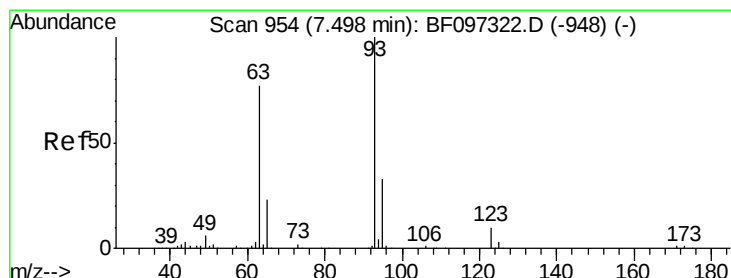
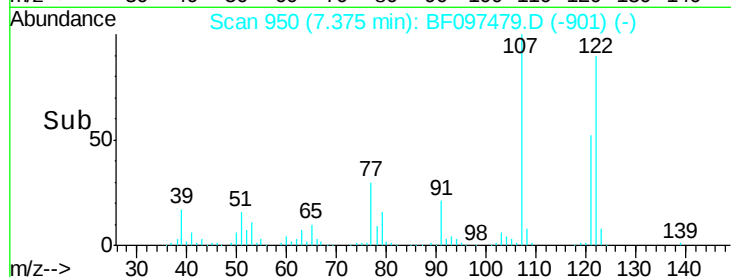
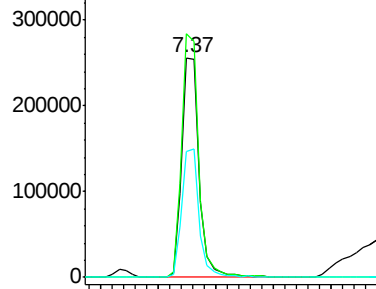
#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 7.37 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion:122 Resp: 265183
 Ion Ratio Lower Upper
 122 100
 107 111.0 89.2 133.8
 121 57.4 45.2 67.8

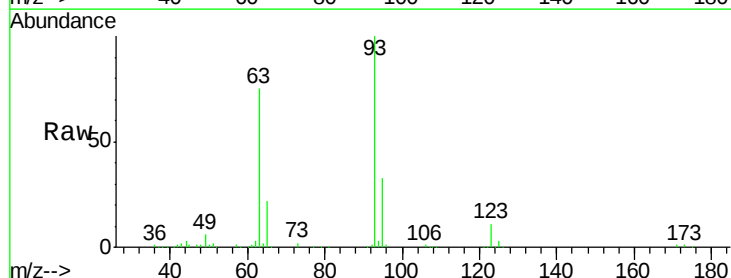


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

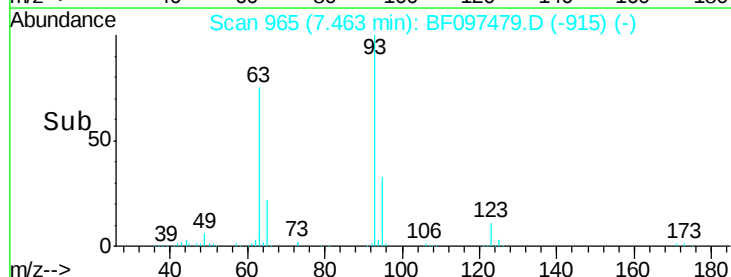
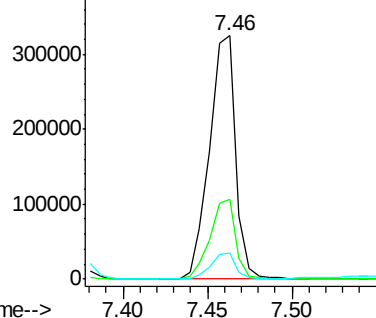


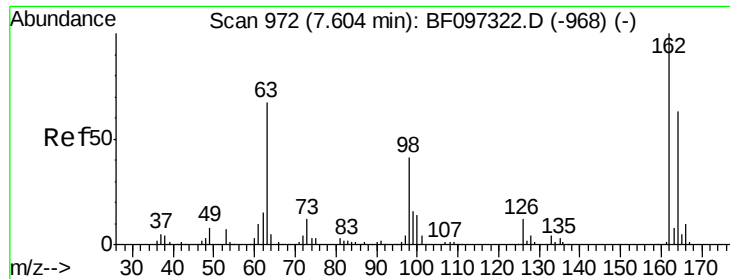
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion: 93 Resp: 350745
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 10.8 9.0 13.4



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

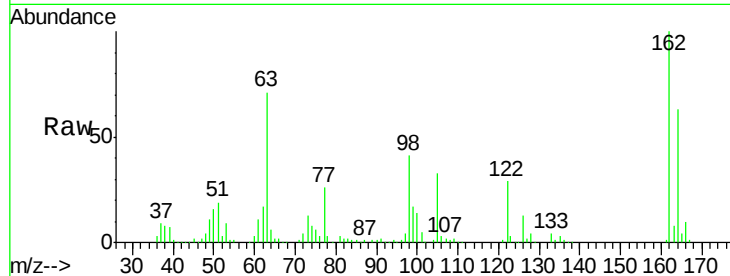




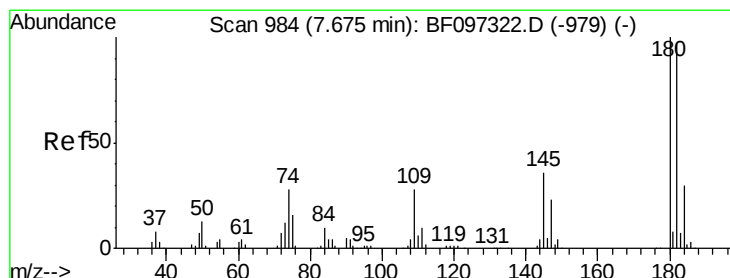
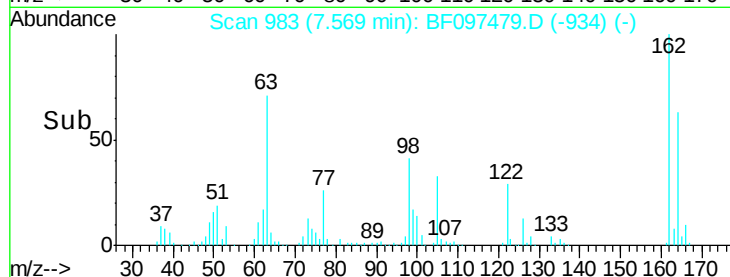
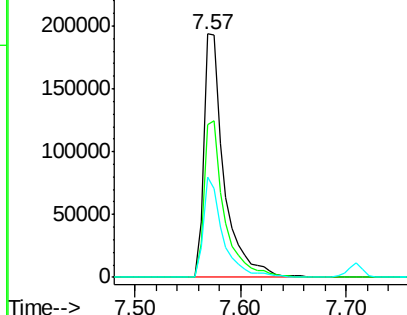
#29
 2,4-Dichlorophenol
 Concen: 46.51 ng
 RT: 7.57 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleID :
 PB101345BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	41.3	14.8	54.8

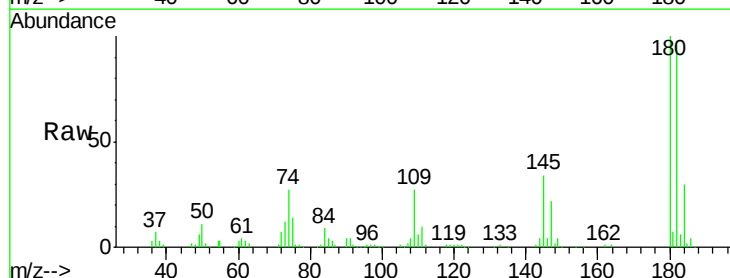


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

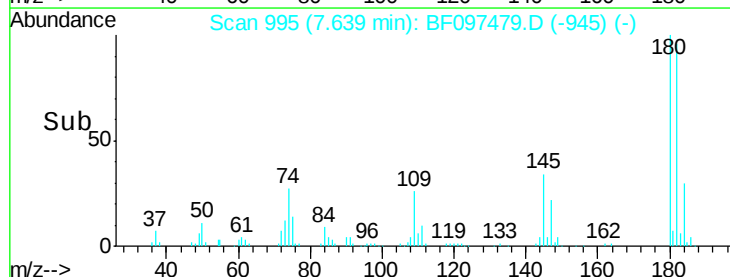
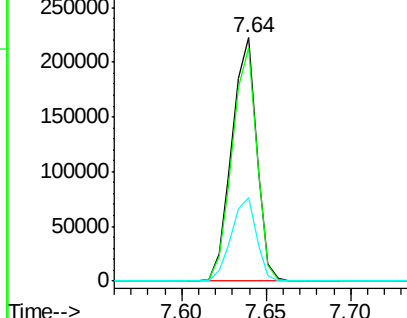


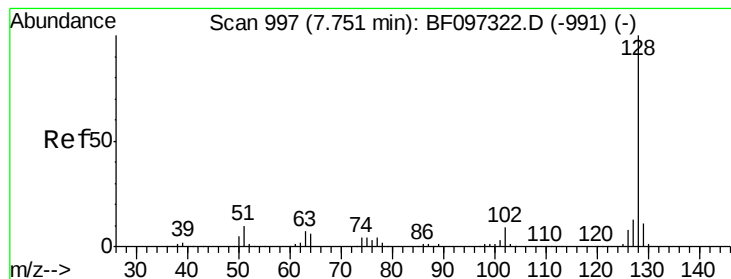
#30
 1,2,4-Trichlorobenzene
 Concen: 43.35 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	34.3	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: 43.01 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

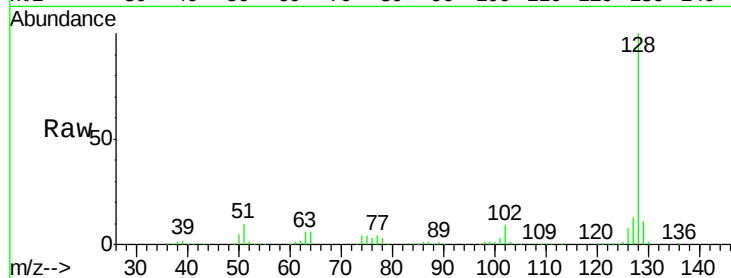
Tot Ion:128 Resp: 819397

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

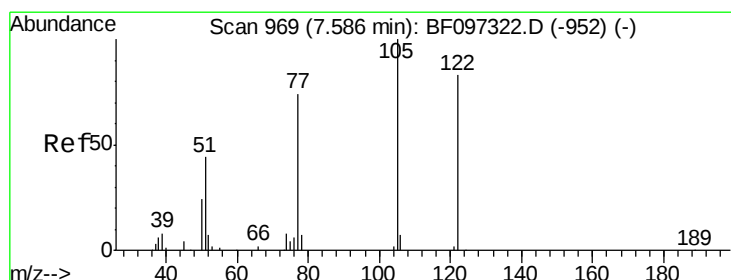
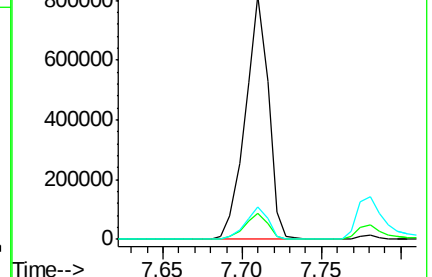
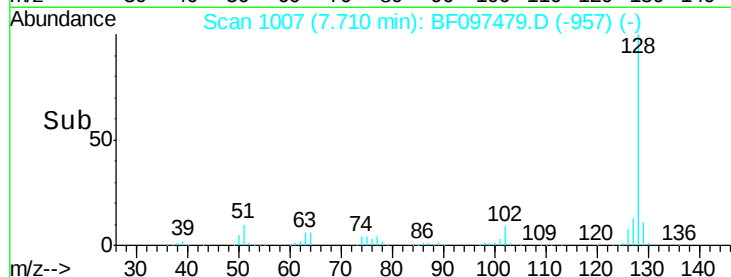
127 13.3 10.8 16.2



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: 40.40 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

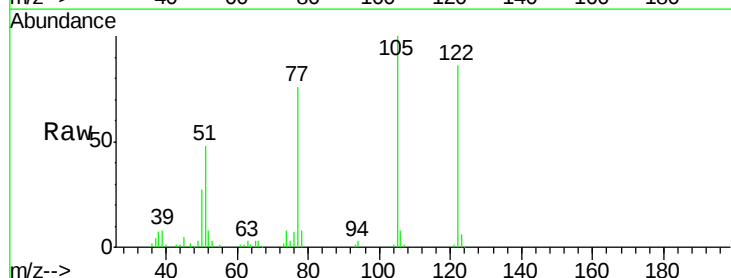
Tgt Ion:122 Resp: 193170

Ion Ratio Lower Upper

122 100

105 116.2 103.3 143.3

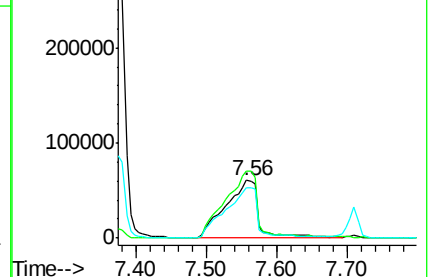
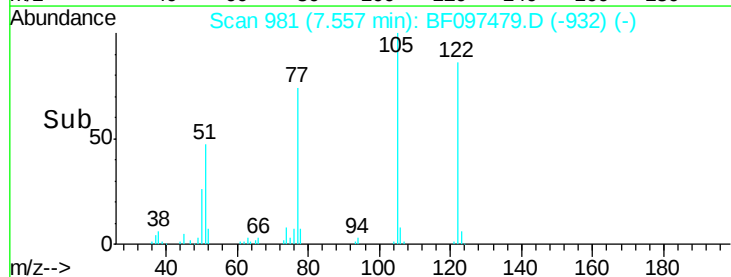
77 87.7 73.7 113.7

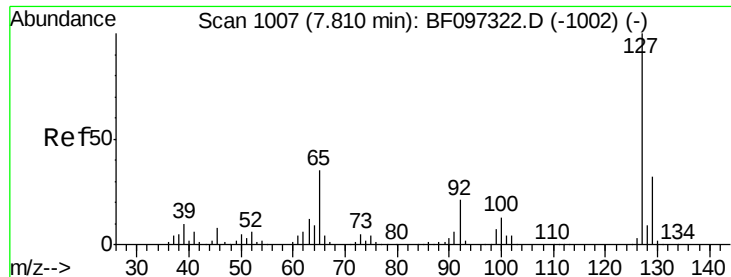


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

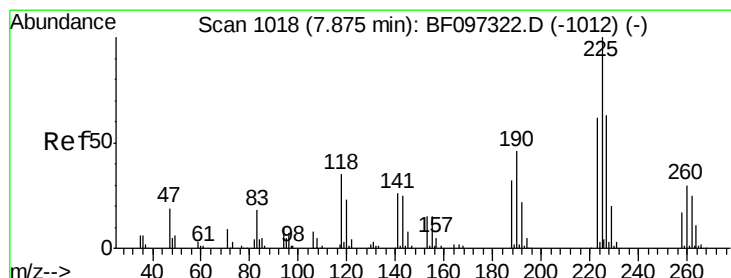
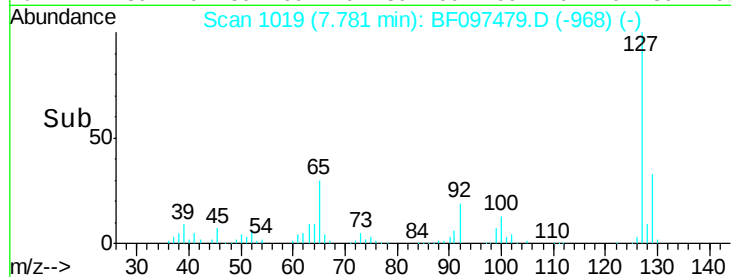
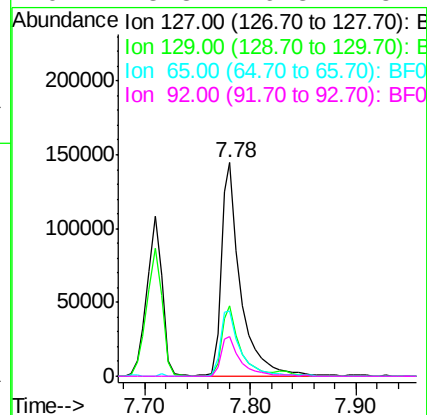
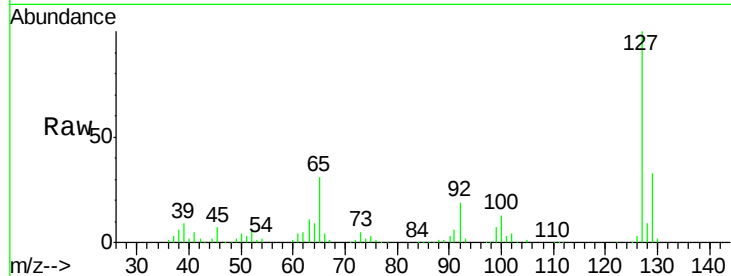




#33
4-Chloroaniline
Concen: 23.67 ng
RT: 7.78 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

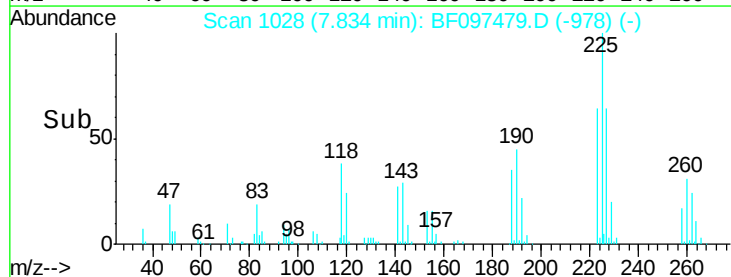
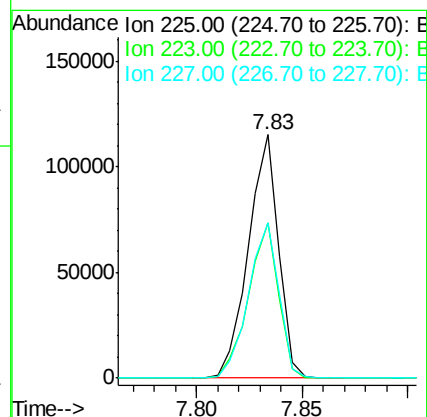
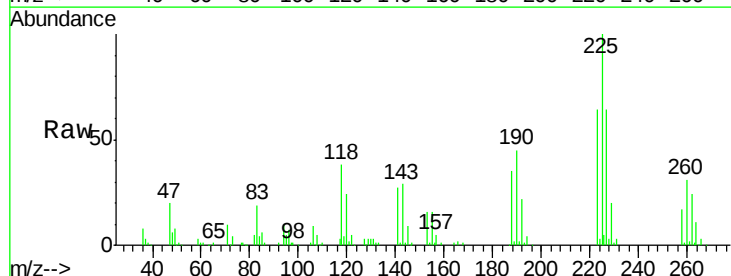
Instrument :
BNA_F
ClientSampleId :
PB101345BS

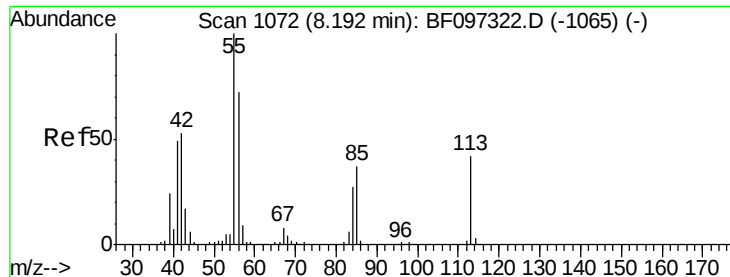
Tot Ion:127 Resp: 183493
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.2
65 30.5 27.8 41.8
92 18.8 16.8 25.2



#34
Hexachlorobutadiene
Concen: 40.99 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:225 Resp: 114277
Ion Ratio Lower Upper
225 100
223 63.6 48.8 73.2
227 64.0 51.1 76.7





#35

Caprolactam

Concen: 26.67 ng

RT: 8.16 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

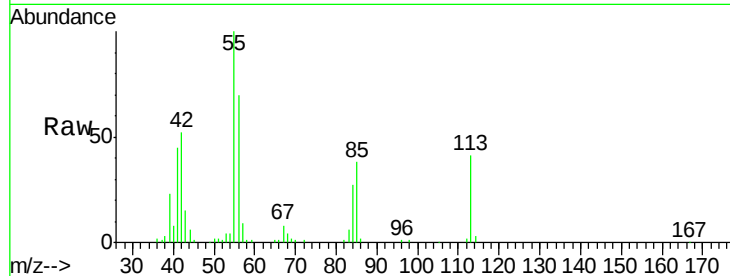
Tot Ion:113 Resp: 47183

Ion Ratio Lower Upper

113 100

55 244.0 150.2 190.2#

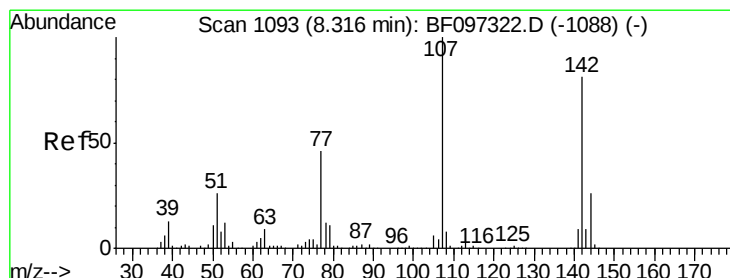
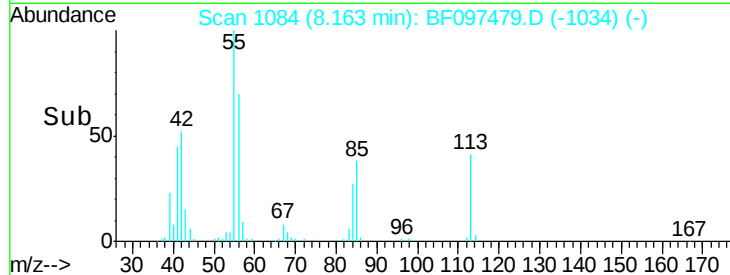
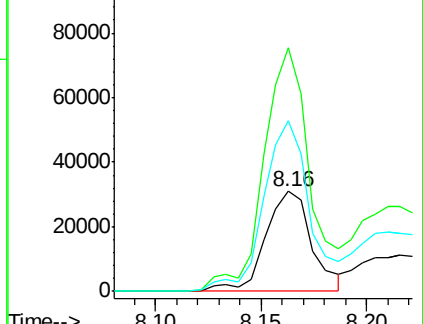
56 170.9 107.8 147.8#



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: 47.40 ng

RT: 8.29 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

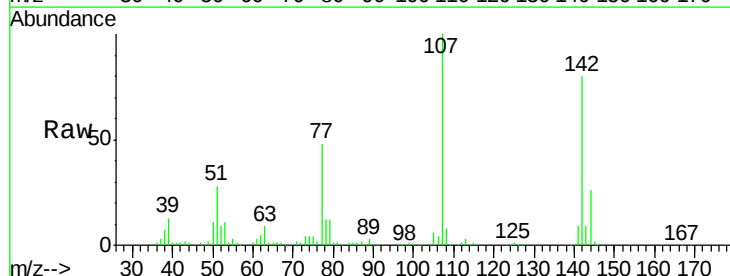
Tgt Ion:107 Resp: 285297

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

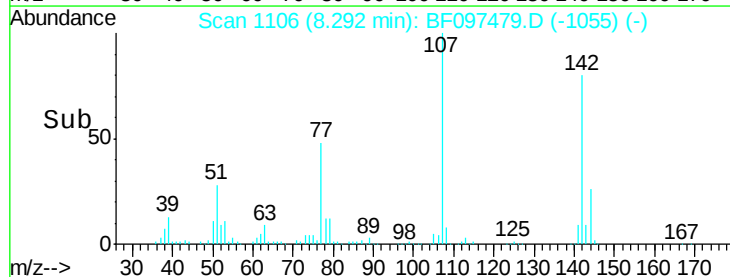
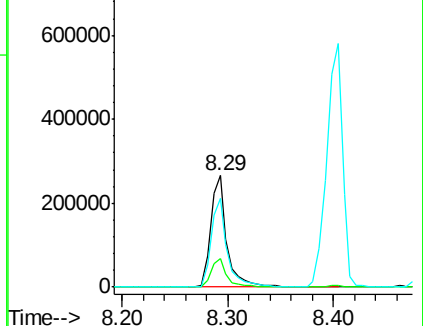
142 80.0 73.4 110.0

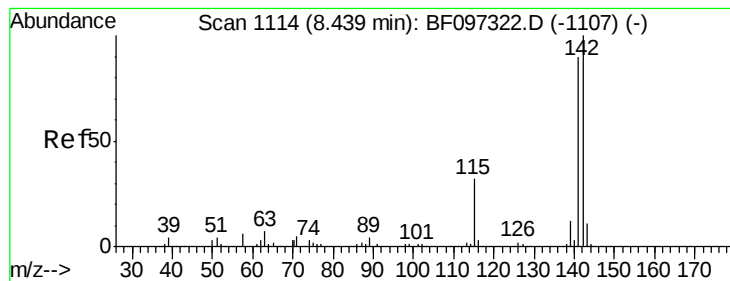


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.82 ng

RT: 8.40 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

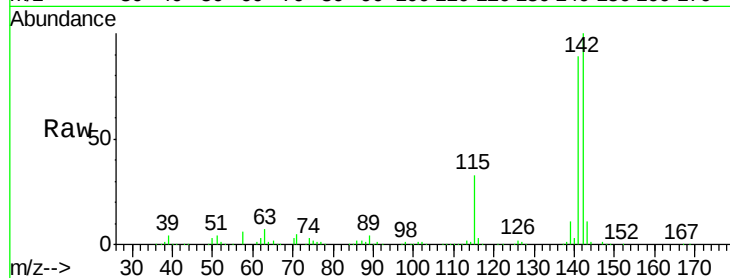
Tot Ion:142 Resp: 600956

Ion Ratio Lower Upper

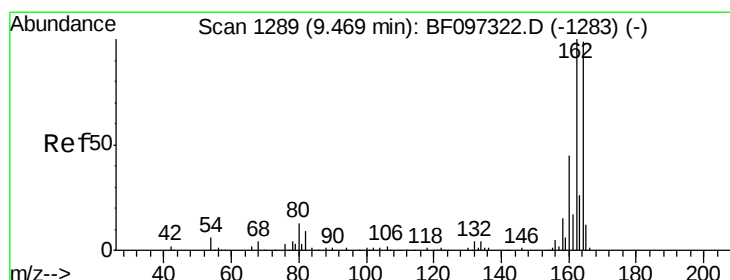
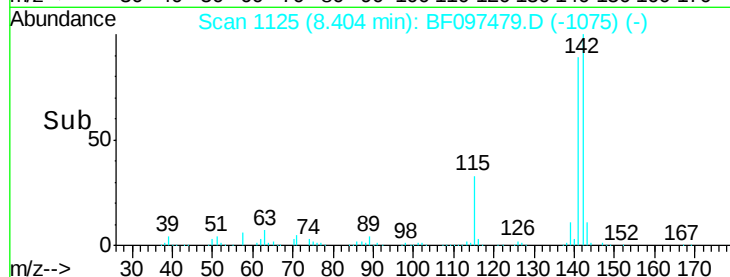
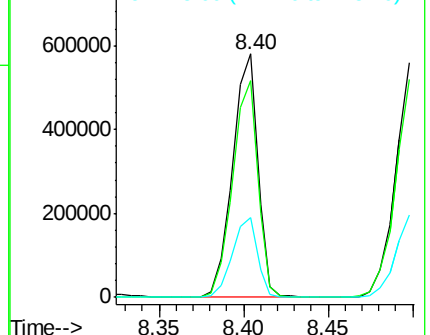
142 100

141 89.2 71.3 106.9

115 32.8 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

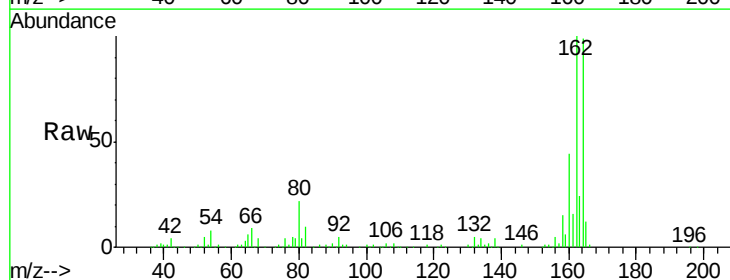
Tgt Ion:164 Resp: 197455

Ion Ratio Lower Upper

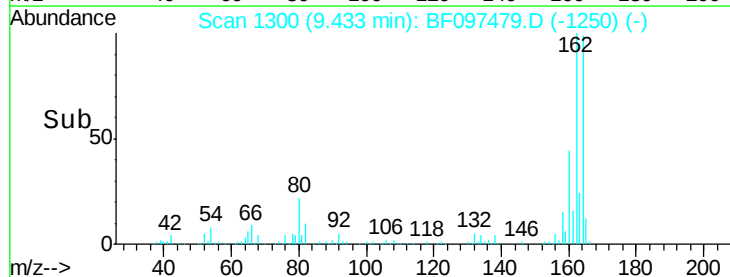
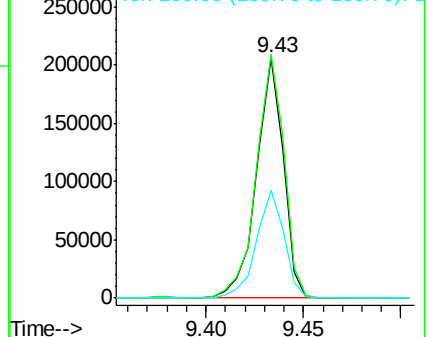
164 100

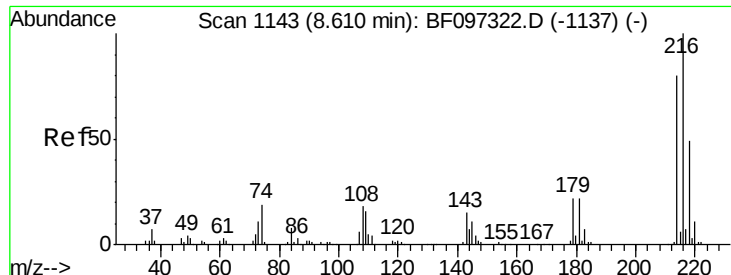
162 101.3 82.6 123.8

160 45.0 36.2 54.2



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

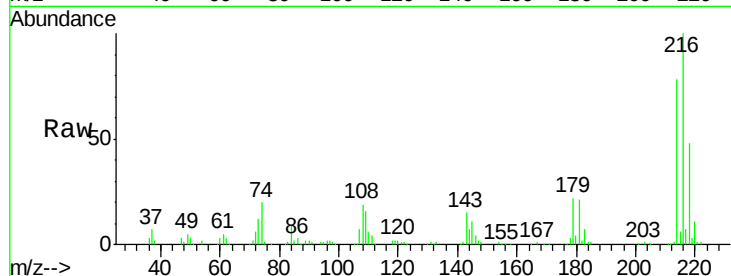




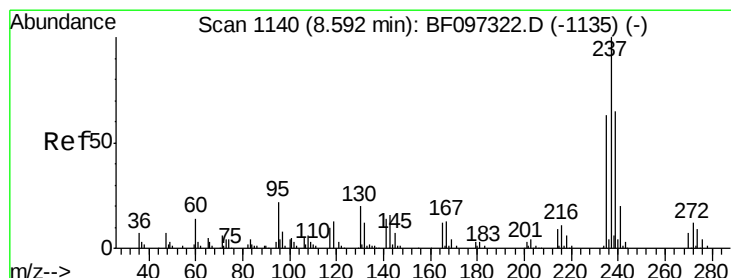
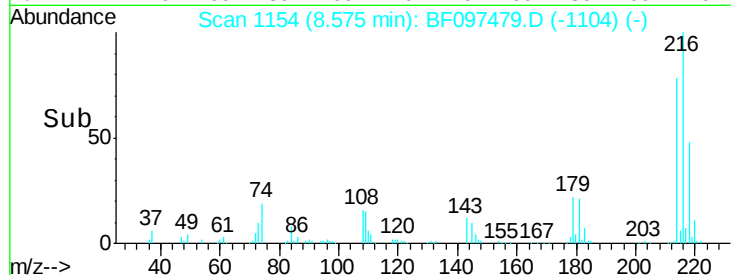
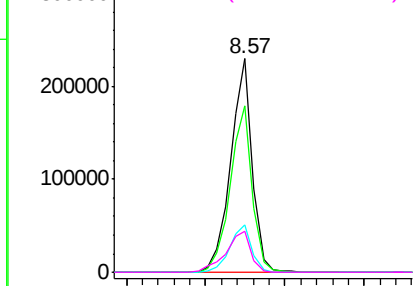
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.94 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion:	216	Resp:	215686
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.4	95.2
179	22.7	17.9	26.9
108	22.4	16.5	24.7

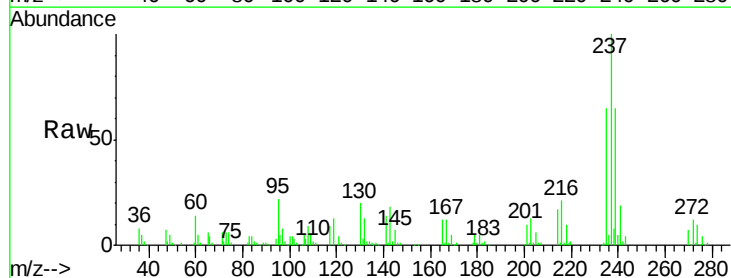


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

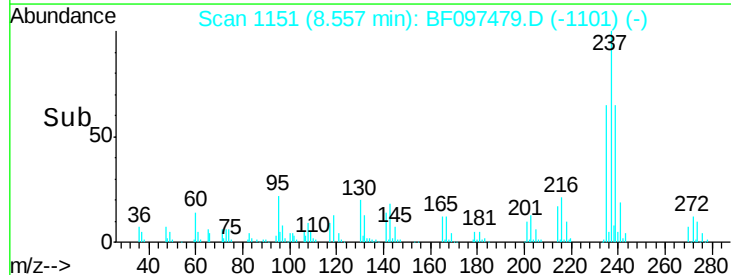
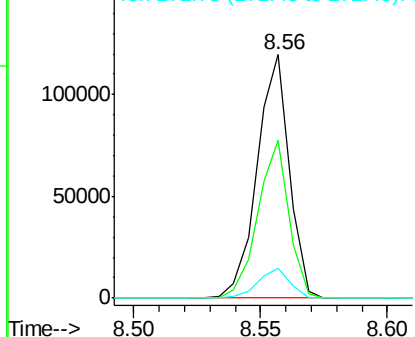


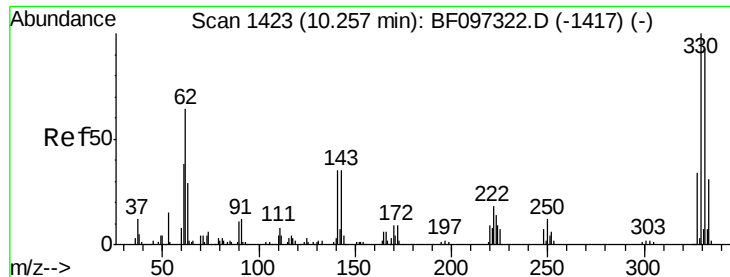
#40
 Hexachlorocyclopentadiene
 Concen: 58.94 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:	237	Resp:	105100
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.6	82.6
272	12.5	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

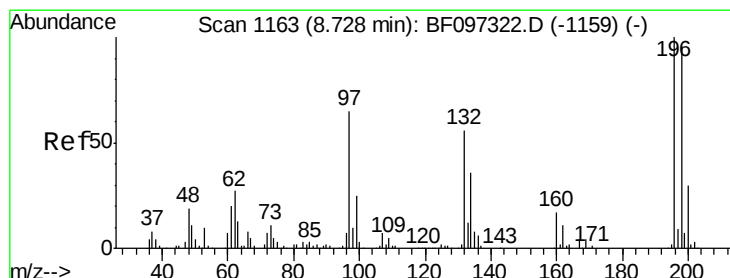
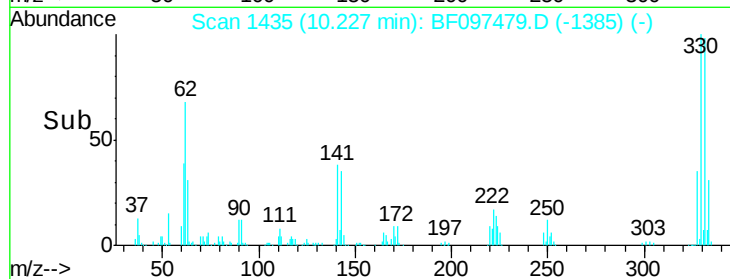
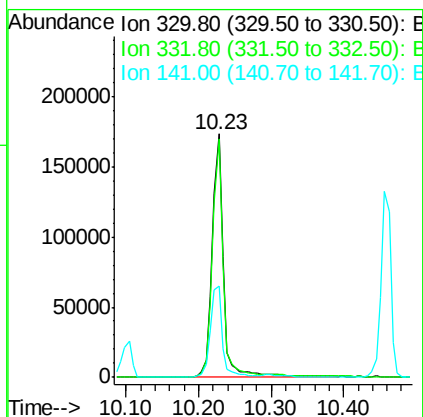
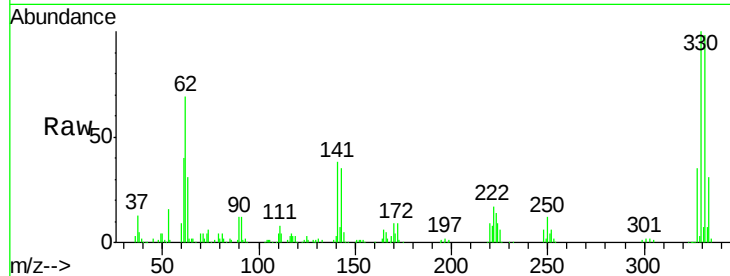




#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

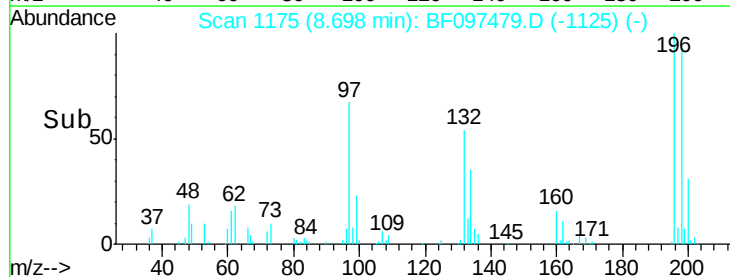
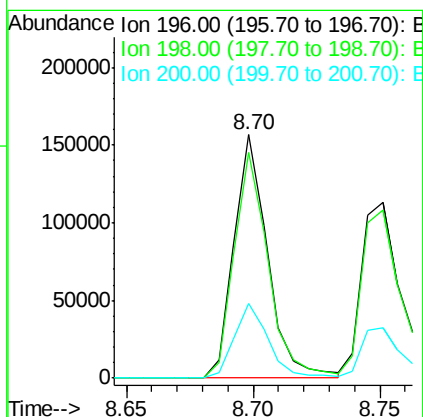
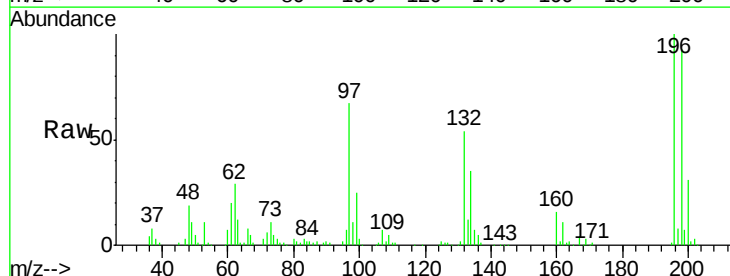
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

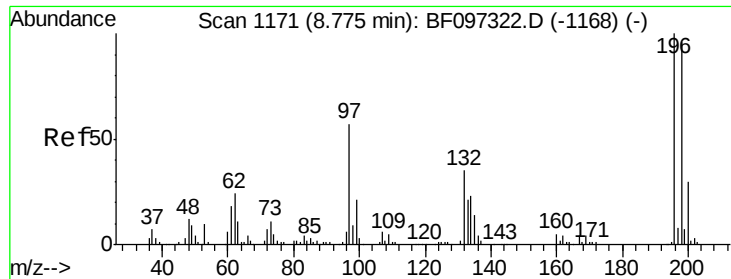
Tot Ion:330 Resp: 191754
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 39.4 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.81 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:196 Resp: 144361
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.2 111.4
 200 30.5 24.0 36.0

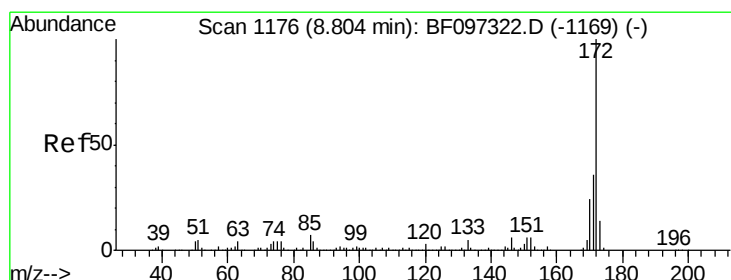
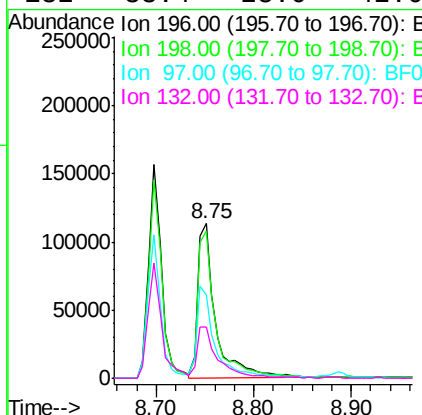
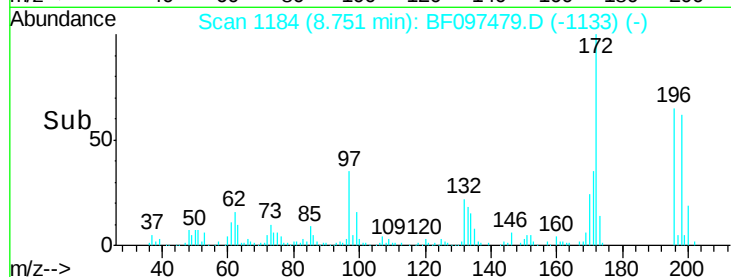
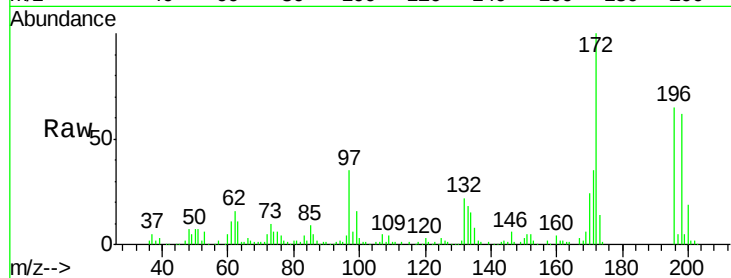




#43
 2,4,5-Trichlorophenol
 Concen: 37.74 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

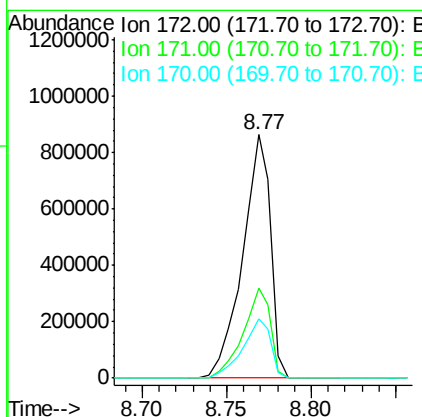
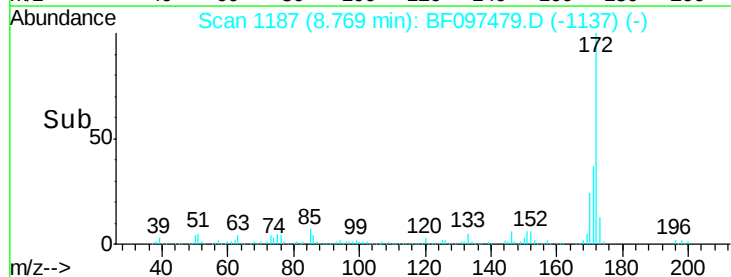
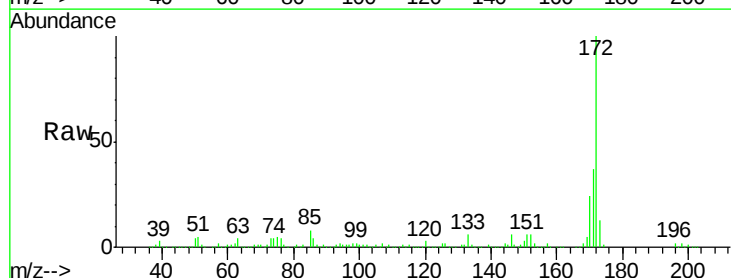
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

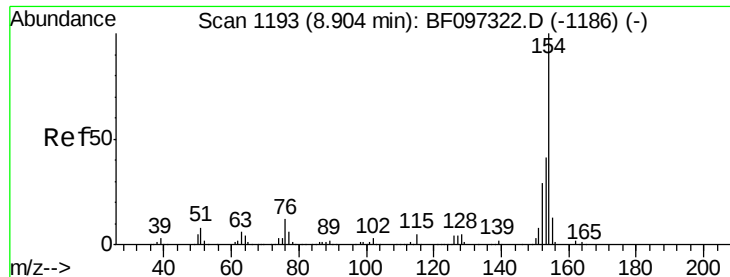
Tot Ion:	196	Resp:	144242
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	53.6	47.7	71.5
132	33.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.45 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:	172	Resp:	994209
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.46 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

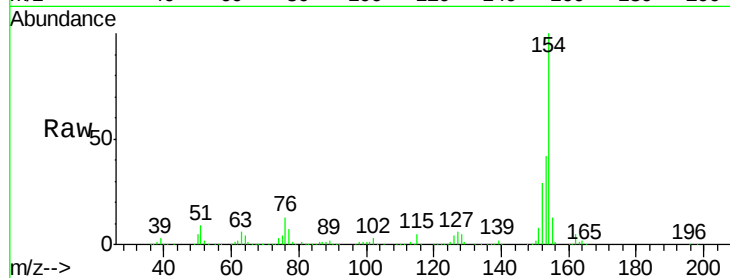
Tot Ion:154 Resp: 665589

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

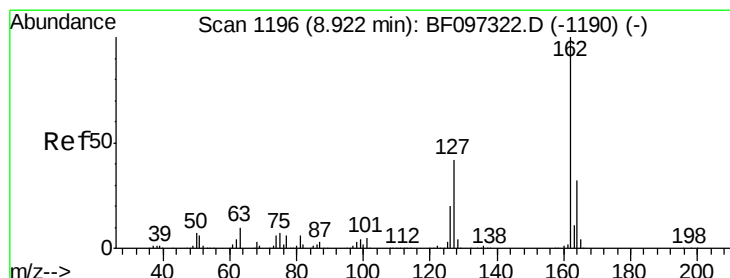
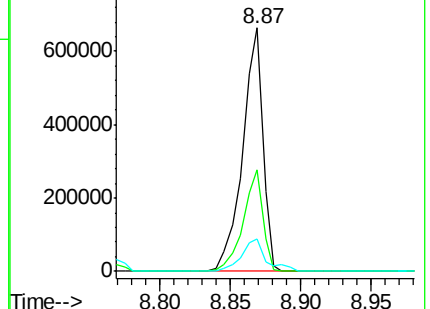
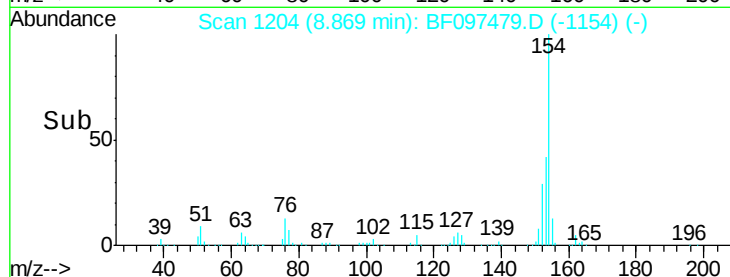
76 13.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.66 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

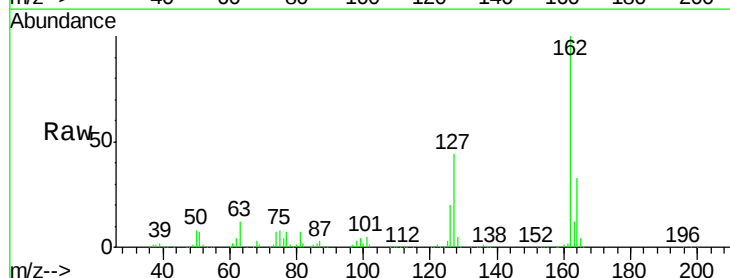
Tgt Ion:162 Resp: 517004

Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

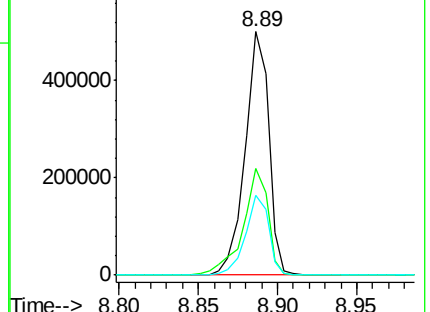
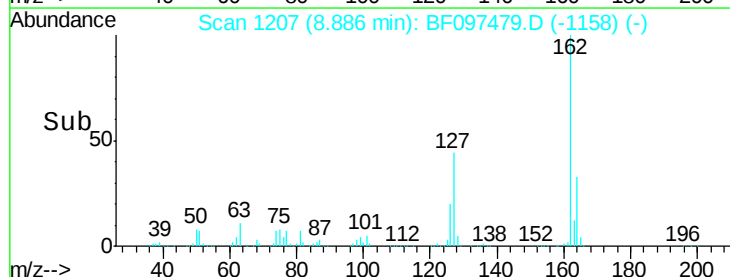
164 32.6 27.0 40.4

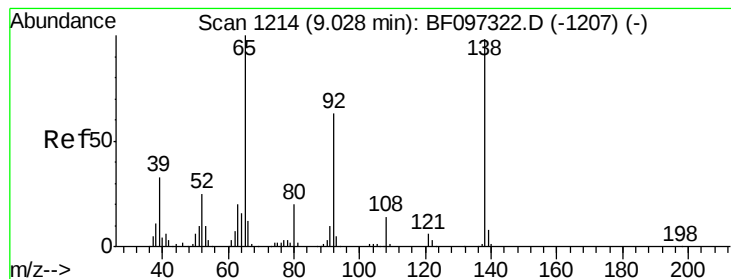


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.61 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

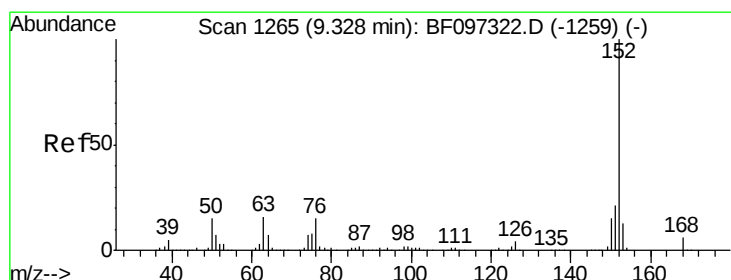
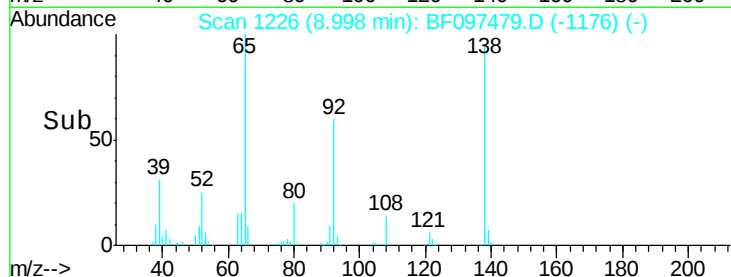
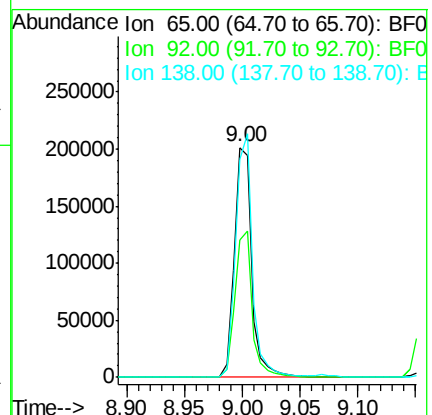
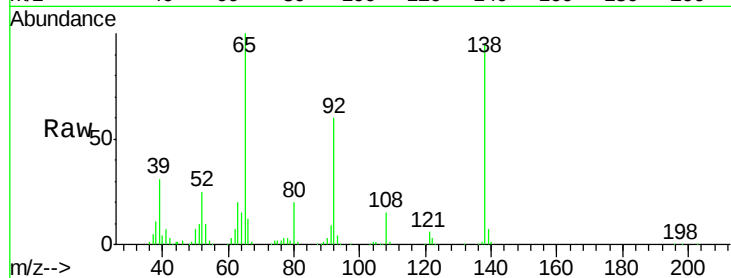
Tot Ion: 65 Resp: 209936

Ion Ratio Lower Upper

65 100

92 60.0 53.9 80.9

138 94.8 78.8 118.2



#48

Acenaphthylene

Concen: 41.93 ng

RT: 9.30 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

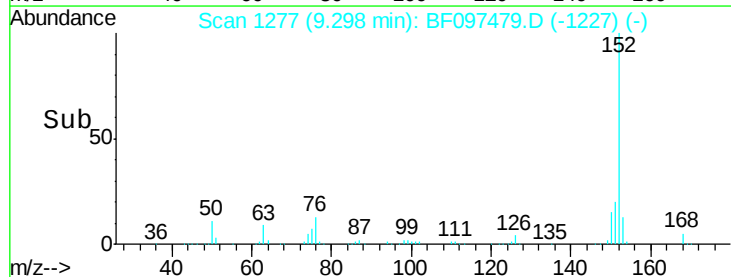
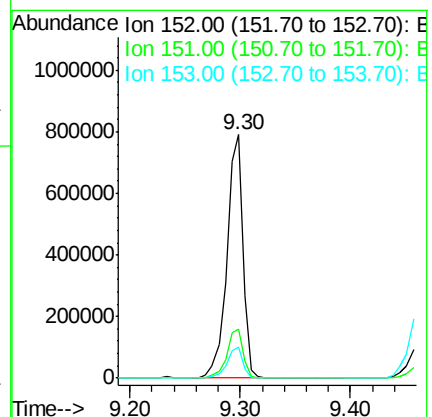
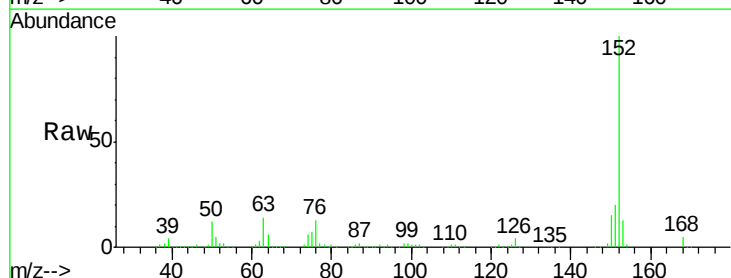
Tgt Ion: 152 Resp: 798857

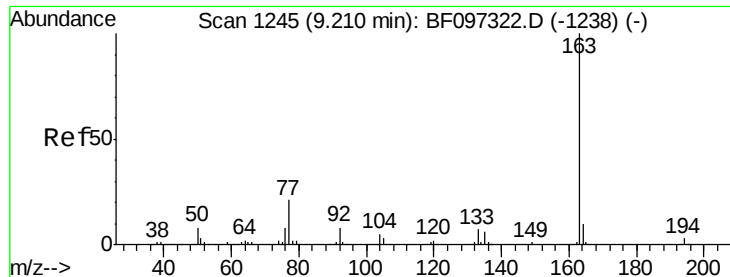
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 12.8 10.8 16.2

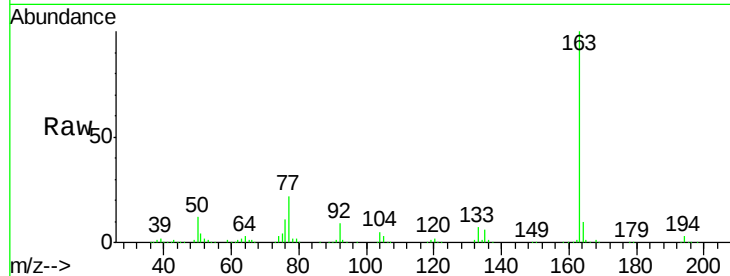




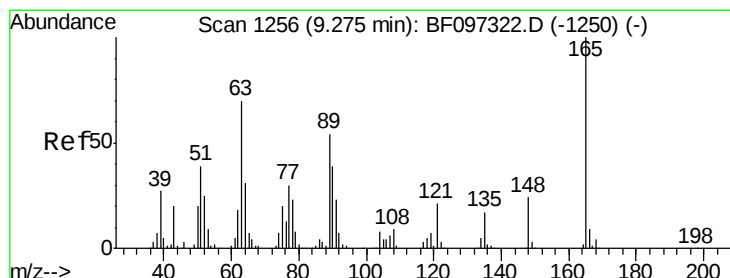
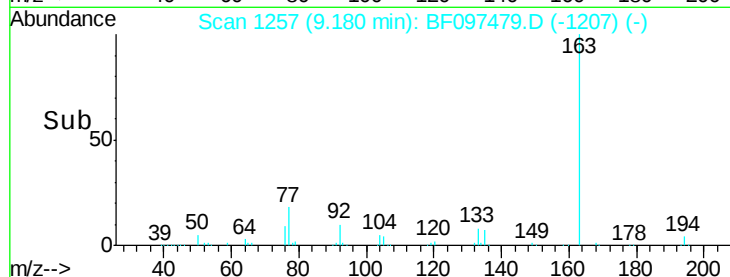
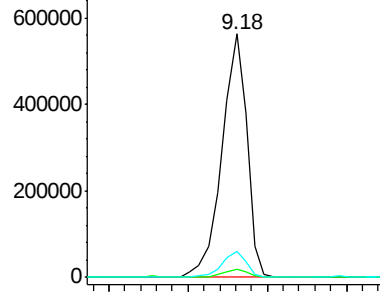
#49
Dimethylphthalate
Concen: 41.18 ng
RT: 9.18 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion:163 Resp: 617473
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.4 12.6

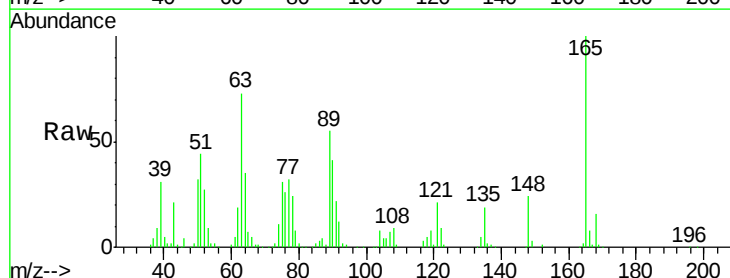


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

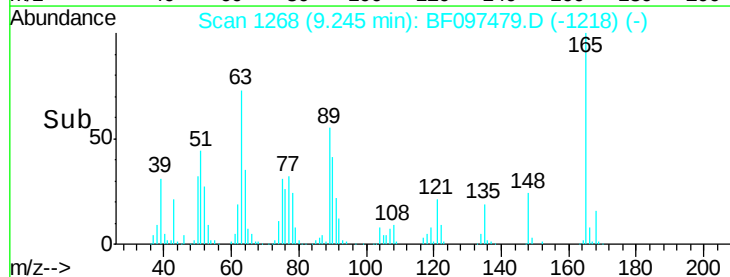
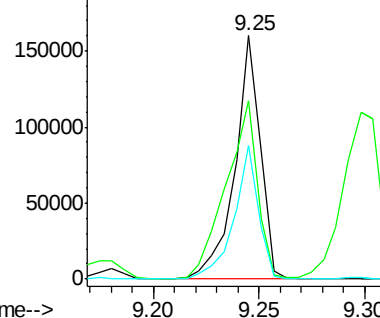


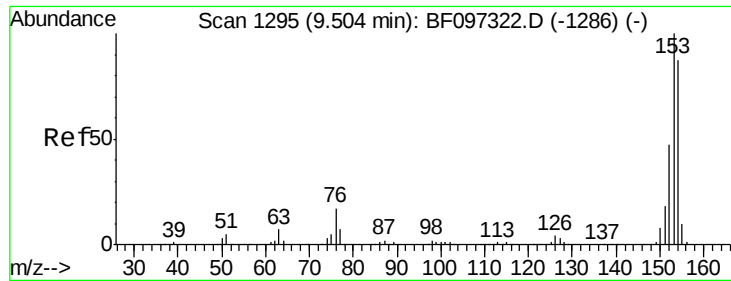
#50
2,6-Dinitrotoluene
Concen: 42.22 ng
RT: 9.25 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:165 Resp: 134265
Ion Ratio Lower Upper
165 100
63 73.2 34.3 51.5#
89 54.9 37.1 55.7



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





#51

Acenaphthene

Concen: 41.86 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

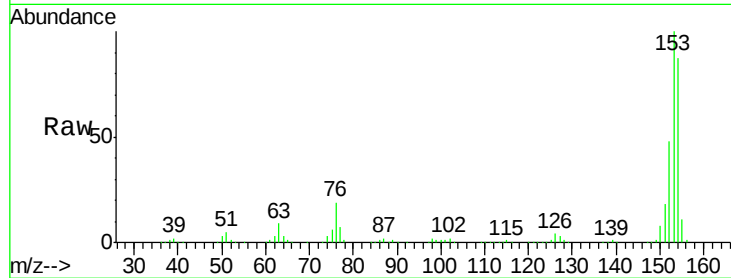
Tot Ion:154 Resp: 469668

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

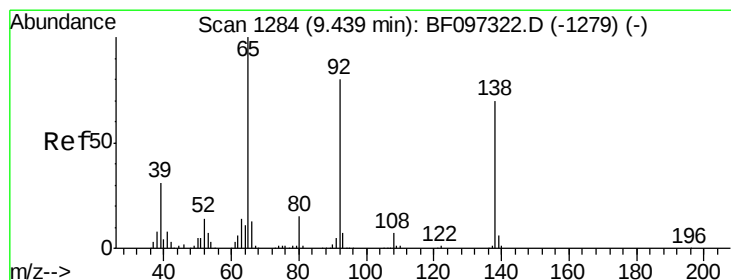
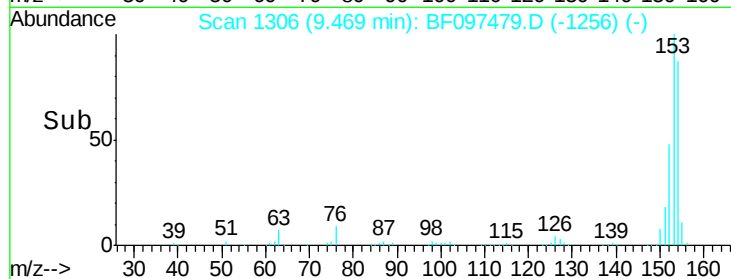
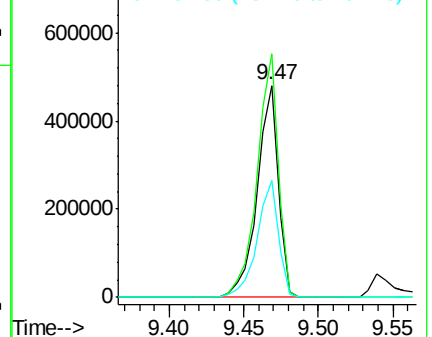
152 55.3 43.6 65.4



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: 27.03 ng

RT: 9.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

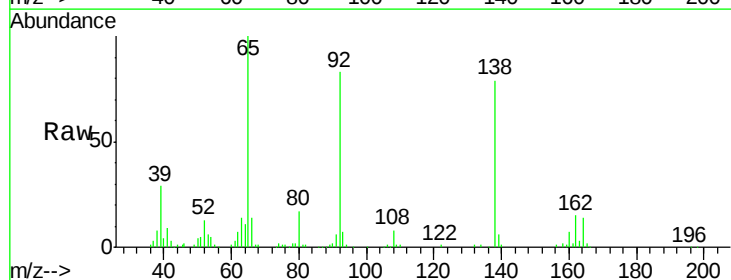
Tgt Ion:138 Resp: 106682

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

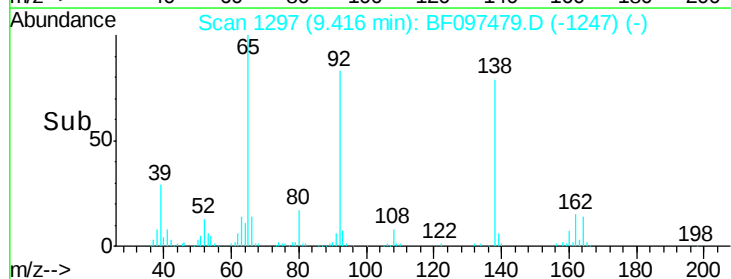
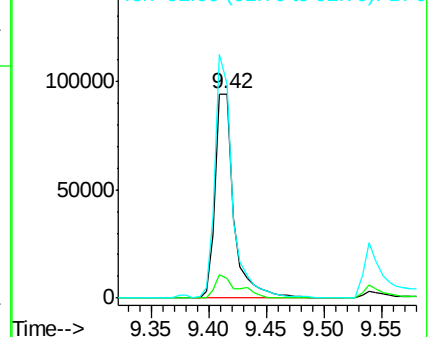
92 104.8 93.8 140.6

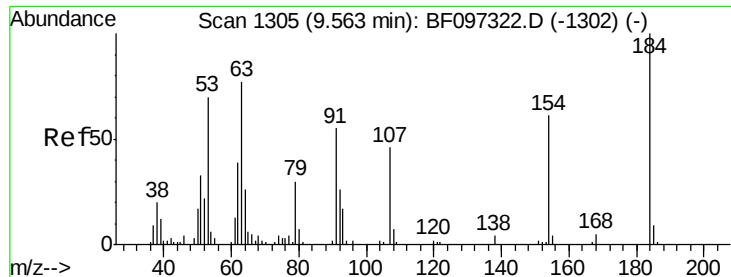


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

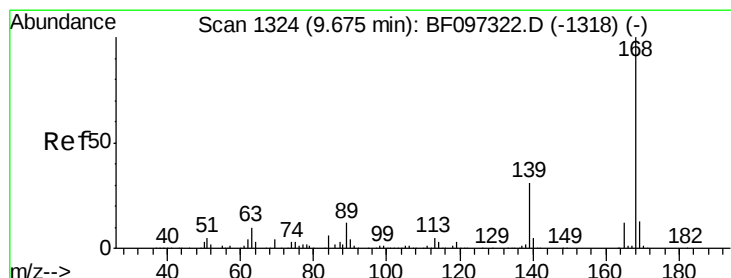
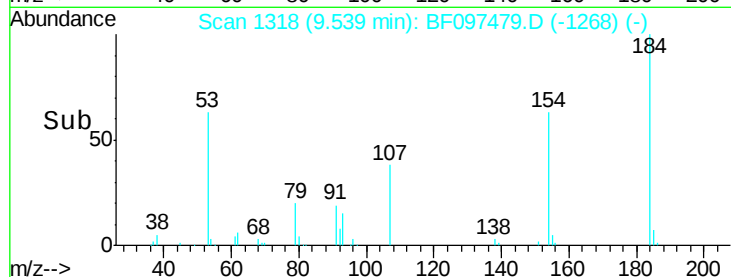
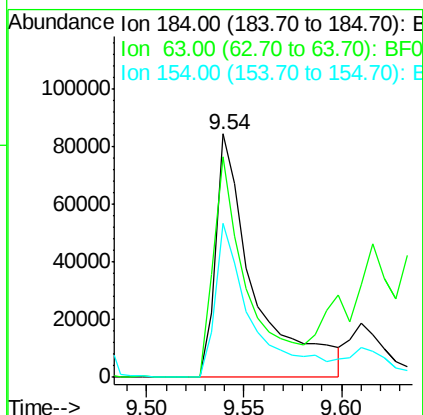
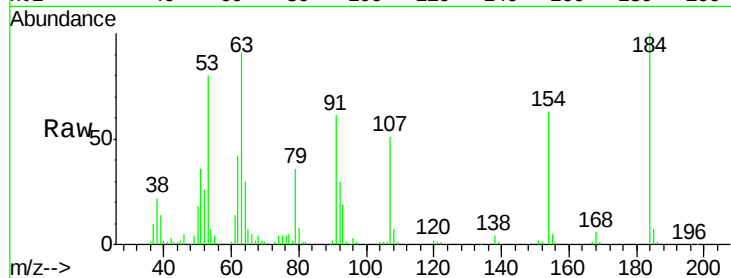




#53
2,4-Dinitrophenol
Concen: 80.50 ng
RT: 9.54 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

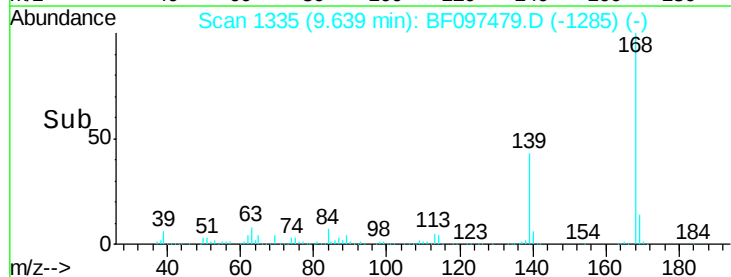
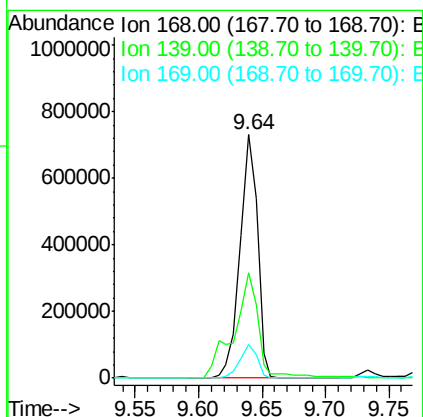
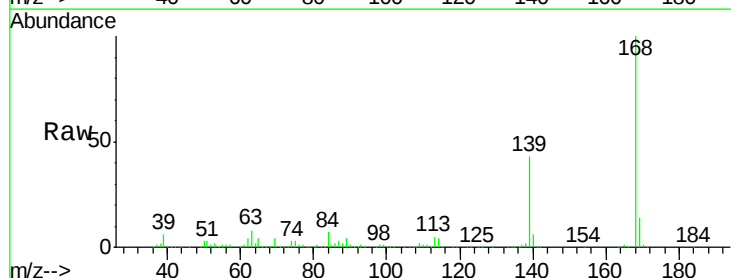
Instrument :
BNA_F
ClientSampleId :
PB101345BS

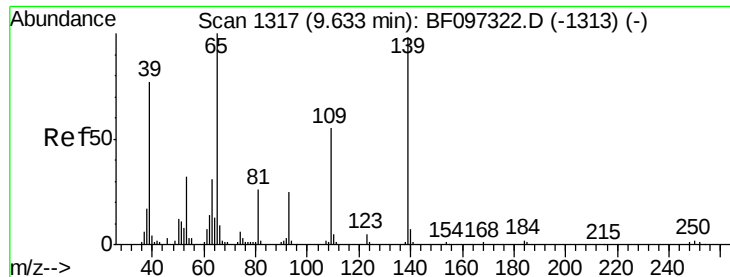
Tot Ion:184 Resp: 116408
Ion Ratio Lower Upper
184 100
63 90.6 62.7 94.1
154 63.0 81.1 121.7#



#54
Dibenzofuran
Concen: 46.58 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:168 Resp: 696243
Ion Ratio Lower Upper
168 100
139 43.3 30.6 45.8
169 13.7 10.8 16.2

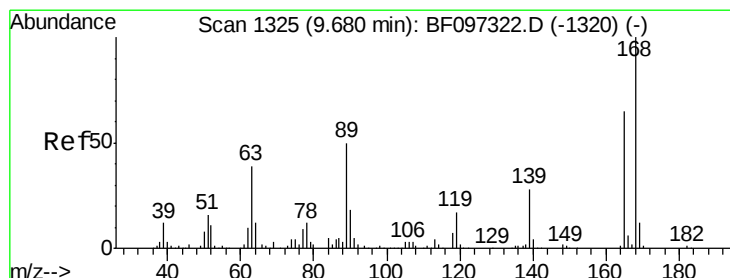
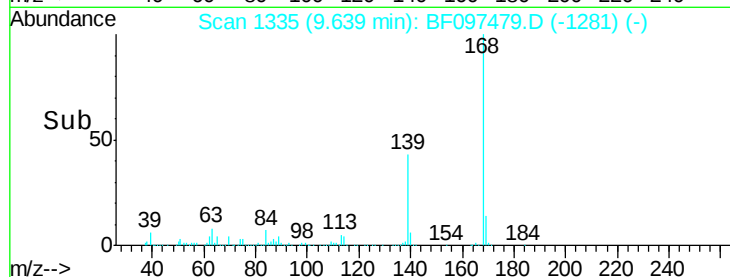
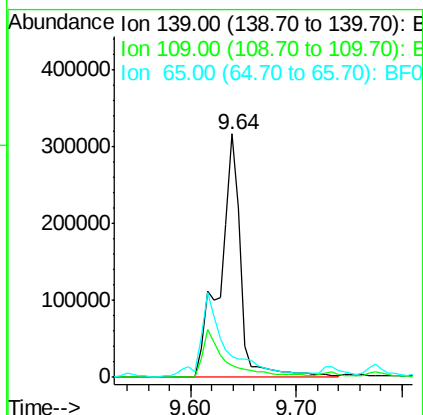
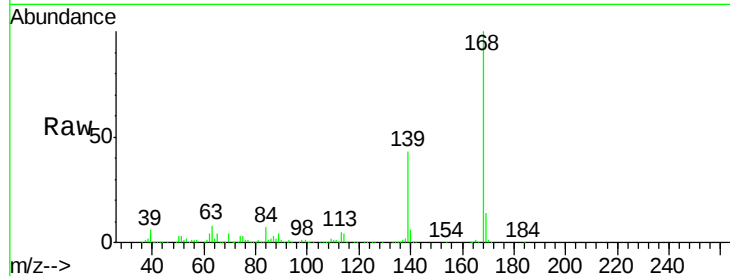




#55
4-Nitrophenol
Concen: 186.08 ng
RT: 9.64 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

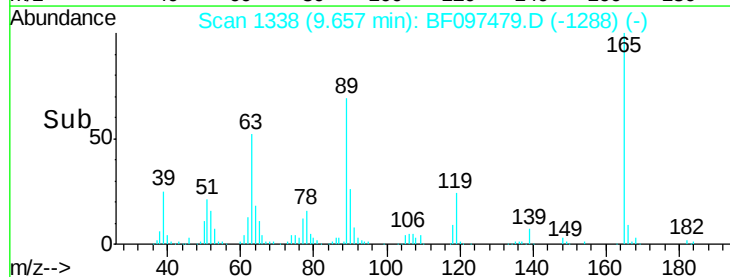
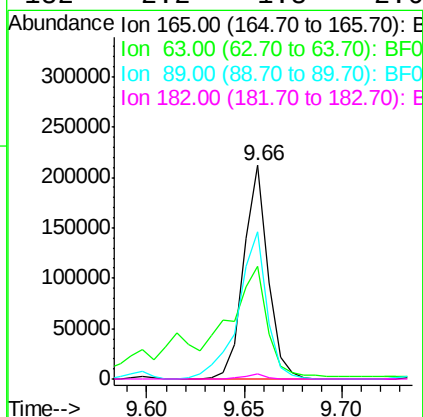
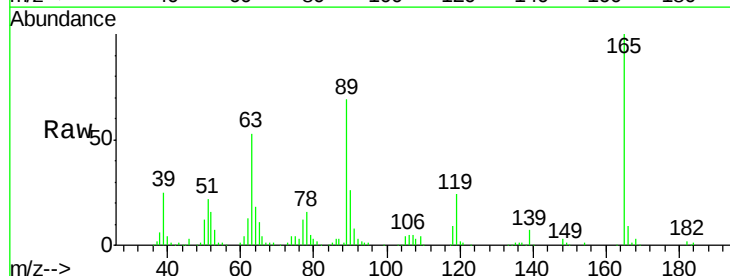
Instrument :
BNA_F
ClientSampleId :
PB101345BS

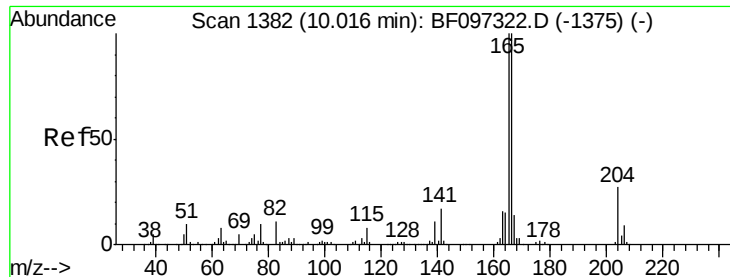
Tot Ion:139 Resp: 436828
Ion Ratio Lower Upper
139 100
109 4.9 34.1 74.1#
65 8.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.04 ng
RT: 9.66 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:165 Resp: 182929
Ion Ratio Lower Upper
165 100
63 52.6 25.4 38.0#
89 68.8 46.4 69.6
182 2.2 1.8 2.6

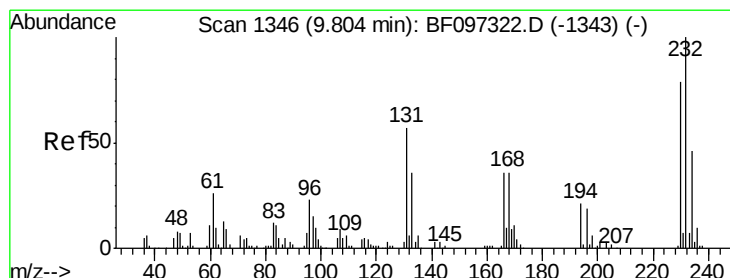
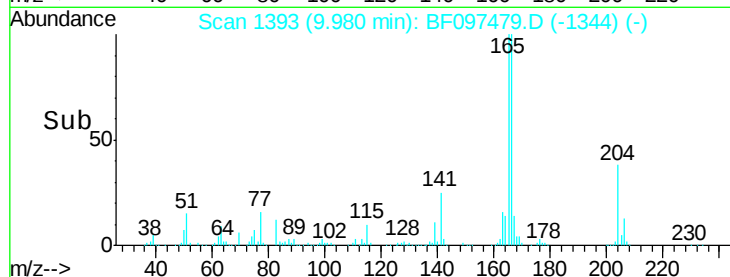
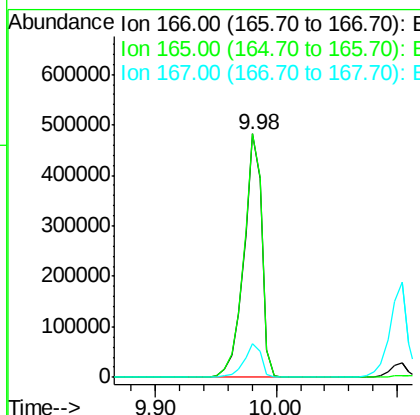
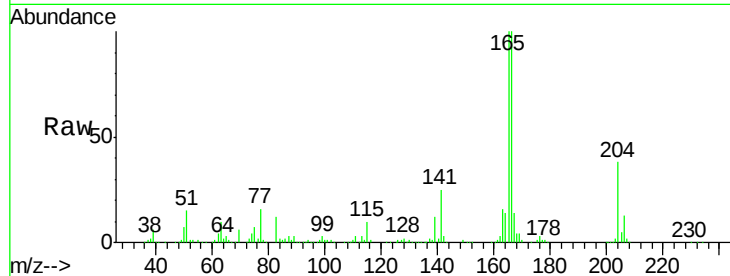




#57
Fluorene
 Concen: 44.24 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

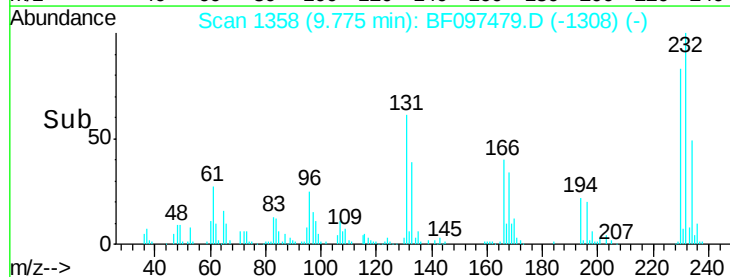
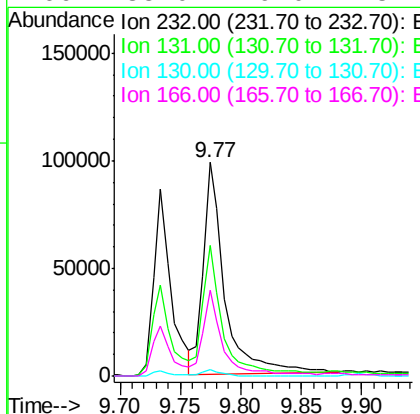
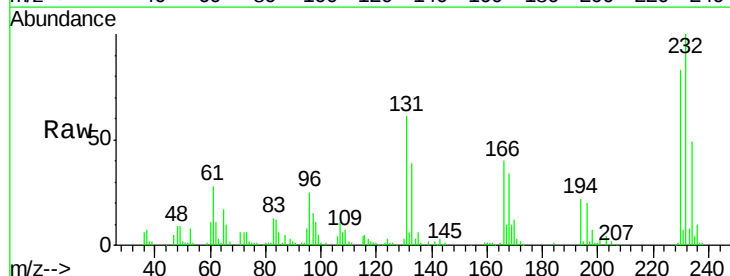
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

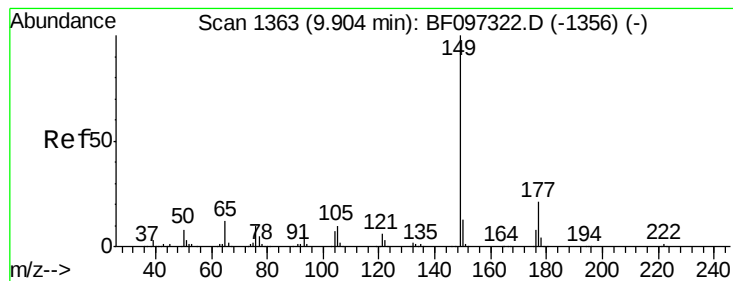
Tot Ion:166 Resp: 497012
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.75 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:232 Resp: 120704
 Ion Ratio Lower Upper
 232 100
 131 54.5 44.8 67.2
 130 2.6 2.3 3.5
 166 35.0 29.0 43.4





#59

Diethylphthalate

Concen: 42.57 ng

RT: 9.88 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

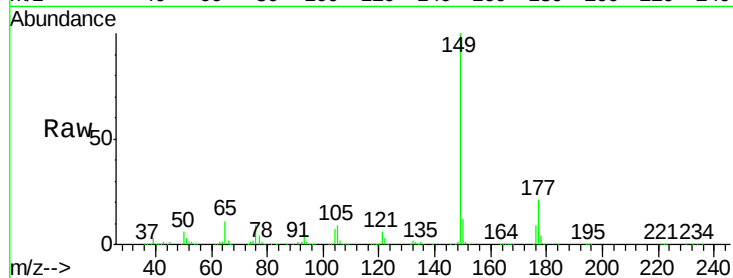
Tot Ion:149 Resp: 585652

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

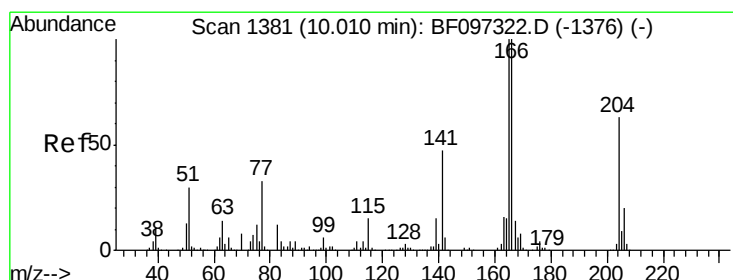
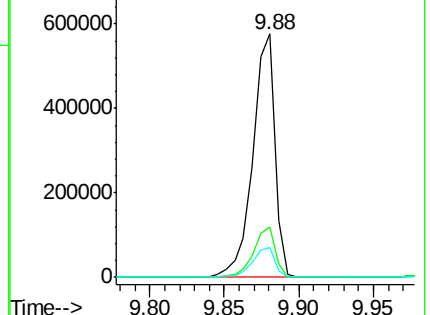
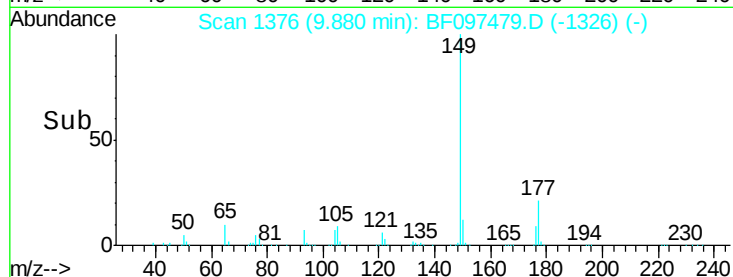
150 12.2 10.2 15.2



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: 43.28 ng

RT: 9.97 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

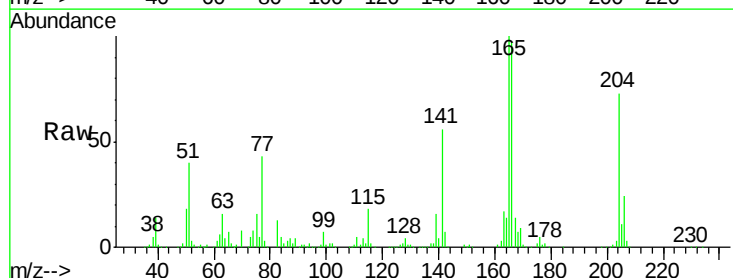
Tgt Ion:204 Resp: 200746

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

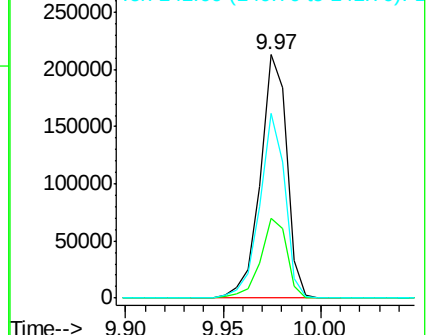
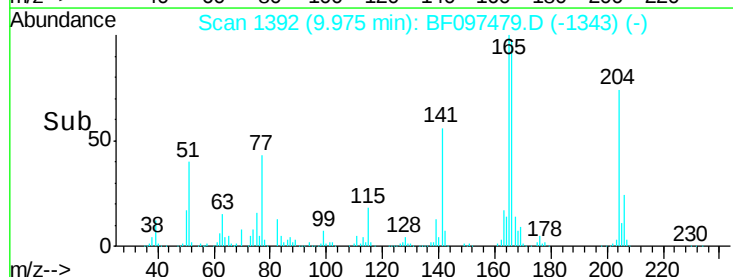
141 76.0 60.8 91.2

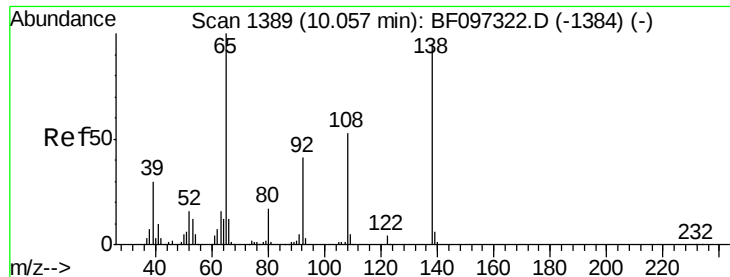


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

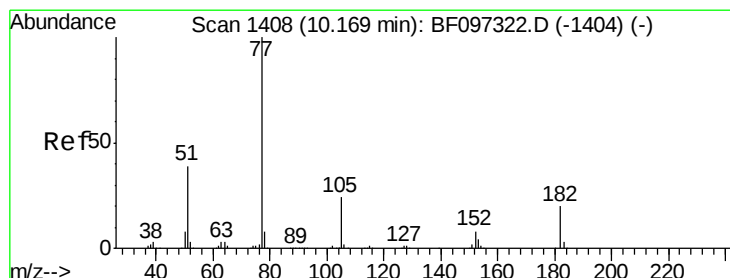
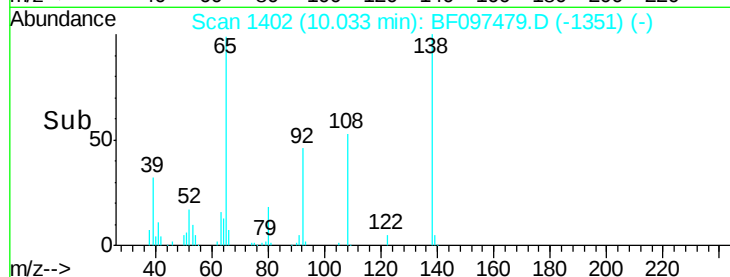
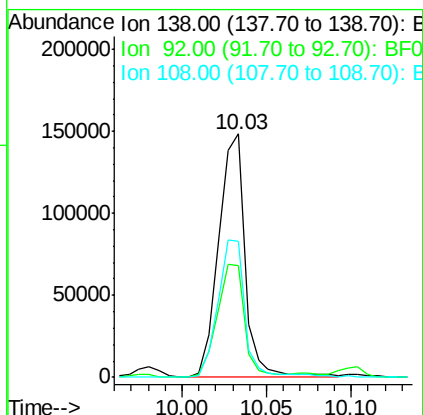
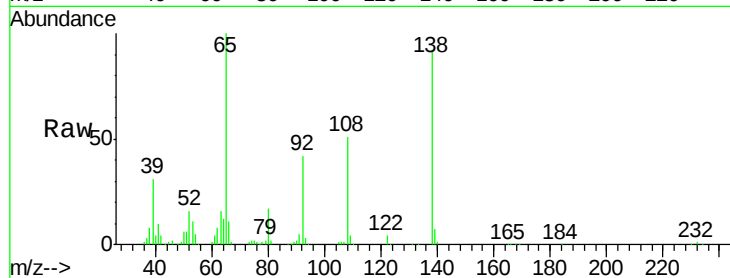




#61
4-Nitroaniline
Concen: 43.55 ng
RT: 10.03 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

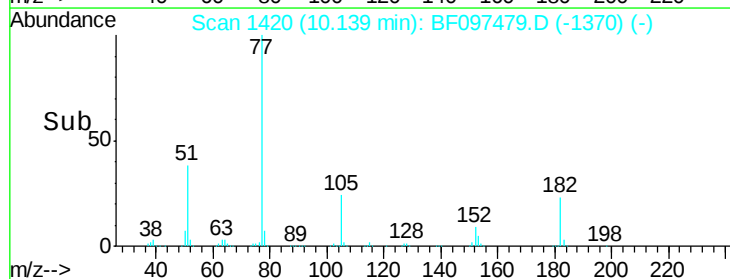
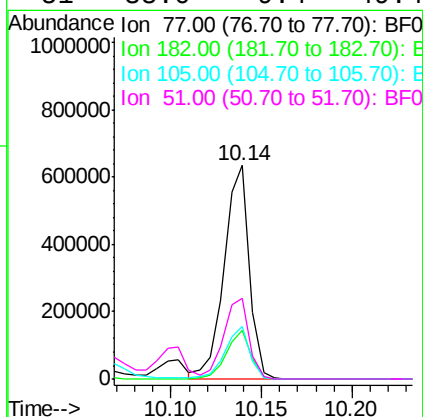
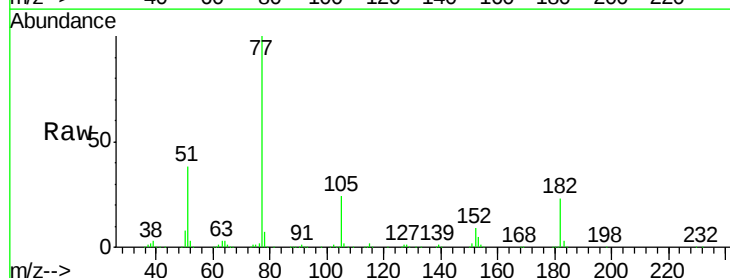
Instrument :
BNA_F
ClientSampleId :
PB101345BS

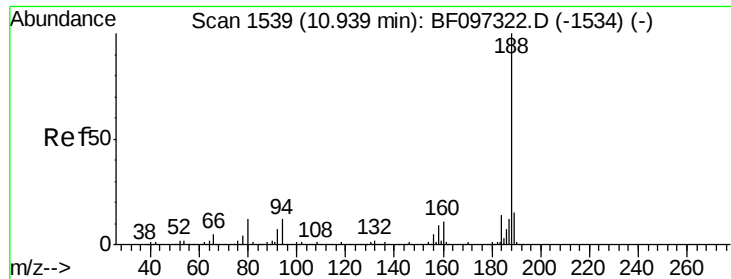
Tot Ion:138 Resp: 163361
Ion Ratio Lower Upper
138 100
92 46.0 21.8 61.8
108 55.8 42.3 82.3



#62
Azobenzene
Concen: 47.90 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 77 Resp: 611329
Ion Ratio Lower Upper
77 100
182 23.1 0.1 40.1
105 24.4 3.6 43.6
51 38.0 9.4 49.4

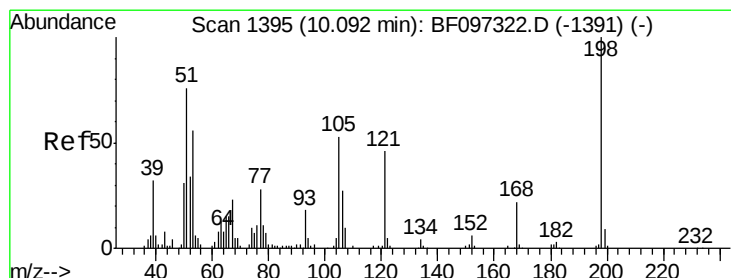
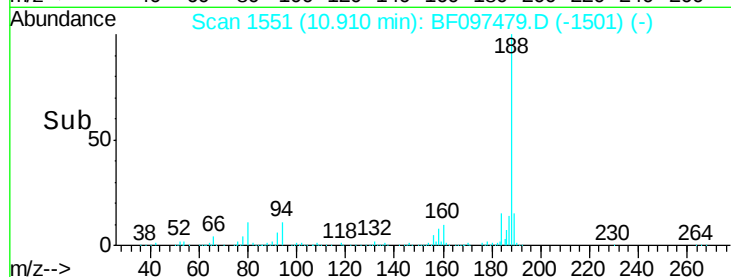
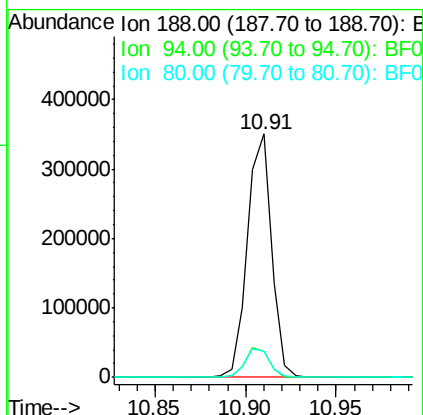
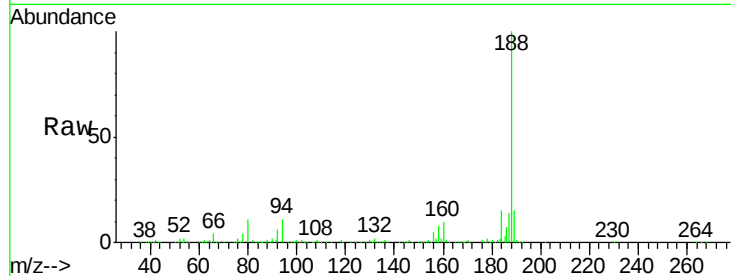




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

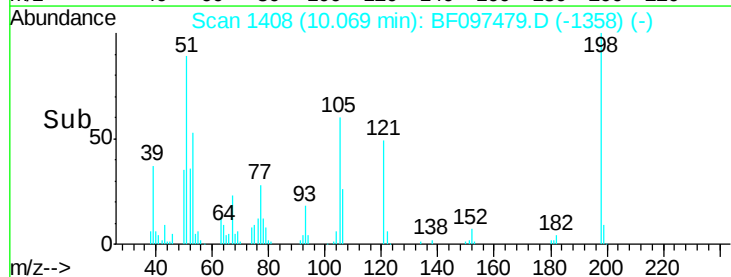
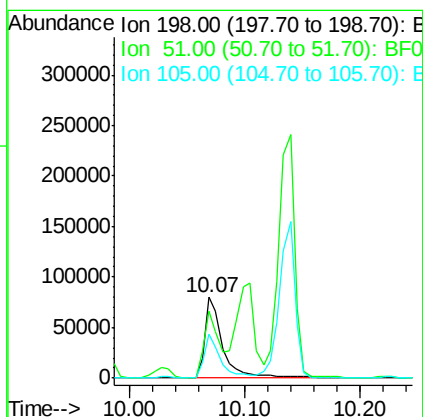
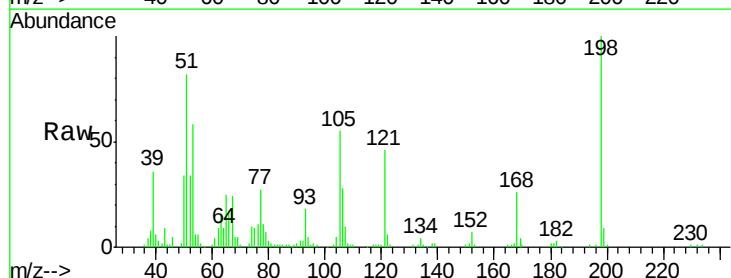
Instrument :
BNA_F
ClientSampleId :
PB101345BS

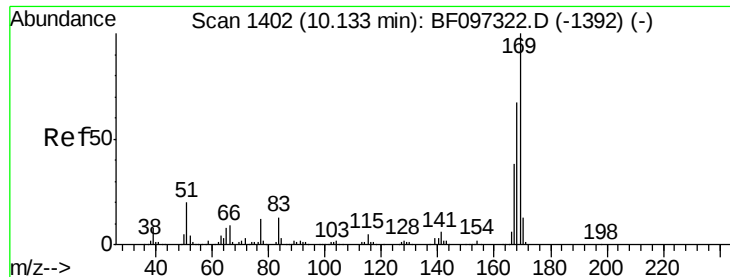
Tot Ion:188 Resp: 324732
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.37 ng
RT: 10.07 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:198 Resp: 87518
Ion Ratio Lower Upper
198 100
51 82.3 53.2 93.2
105 55.0 45.8 85.8

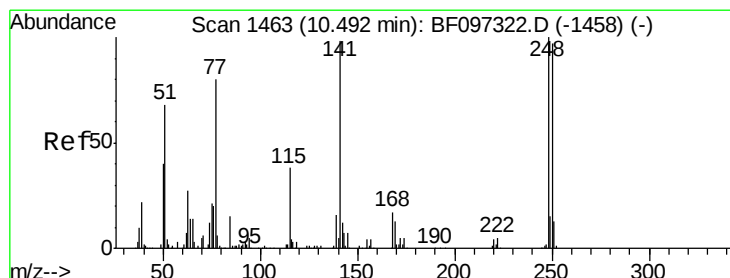
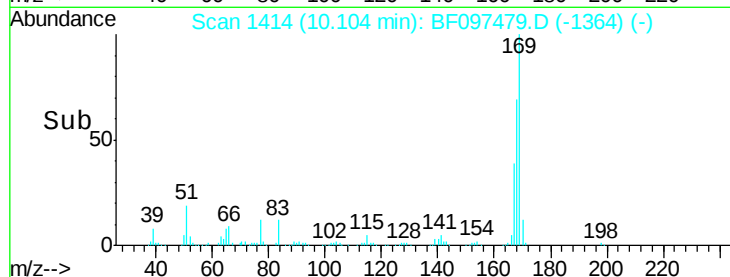
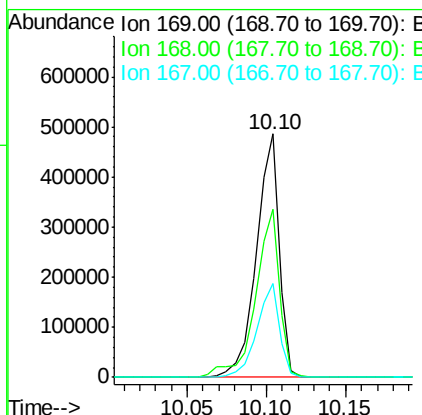
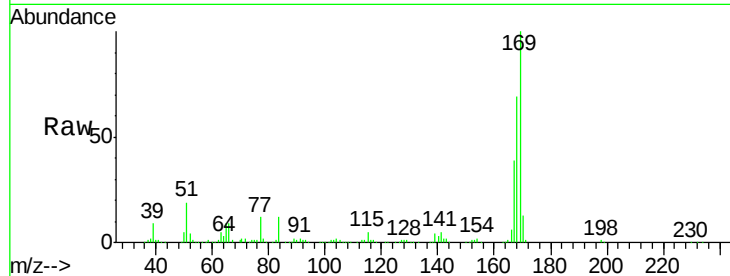




#65
 n-Nitrosodiphenylamine
 Concen: 43.05 ng
 RT: 10.10 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

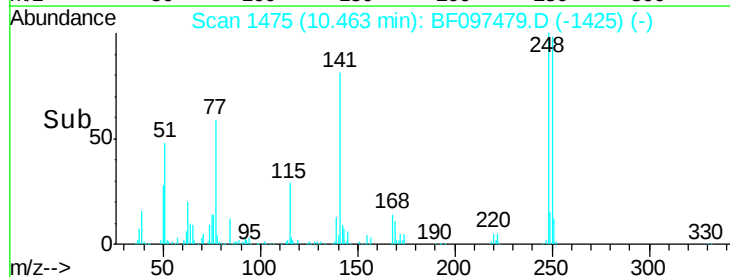
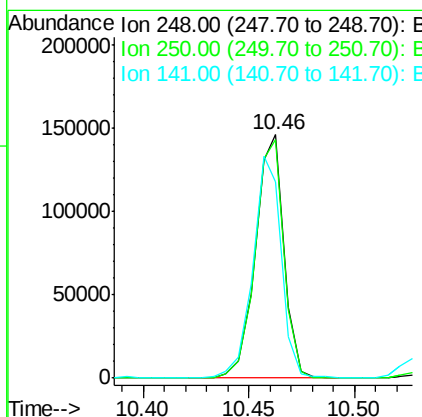
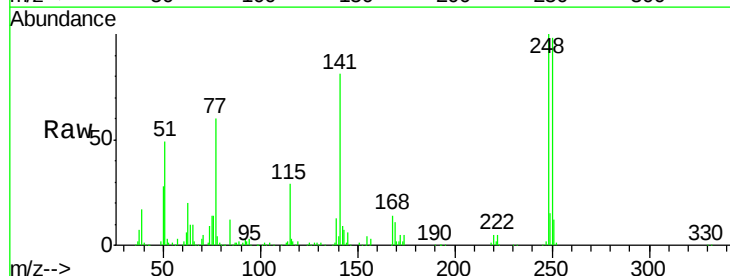
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

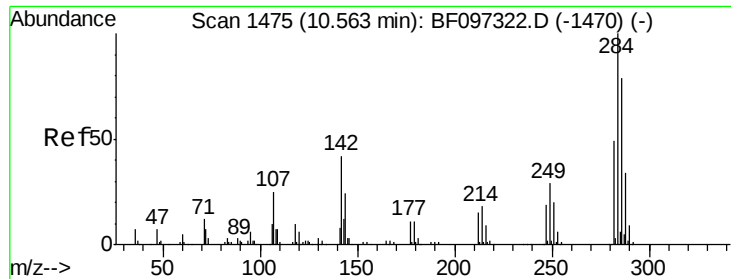
Tot Ion:169 Resp: 486357
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.2 79.8
 167 38.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.27 ng
 RT: 10.46 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:248 Resp: 136999
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.8 115.2
 141 80.6 68.6 103.0

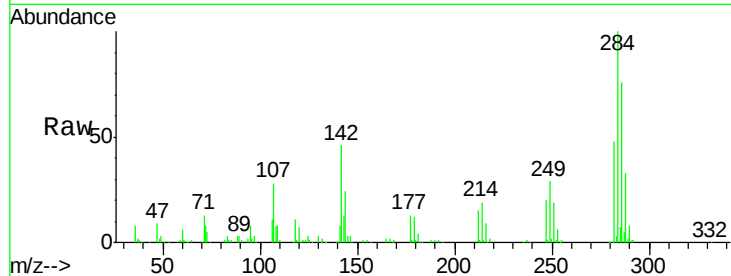




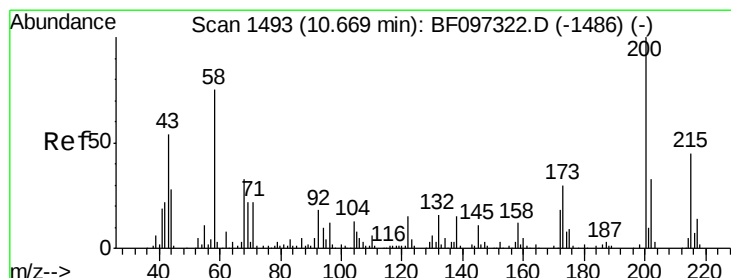
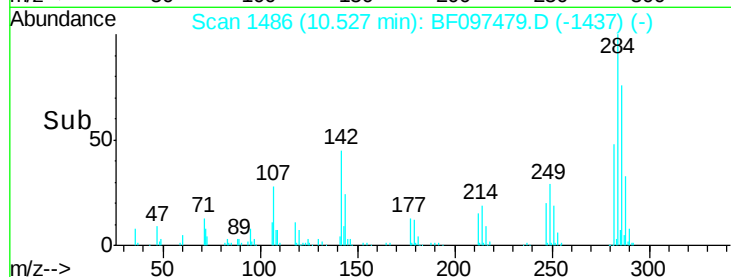
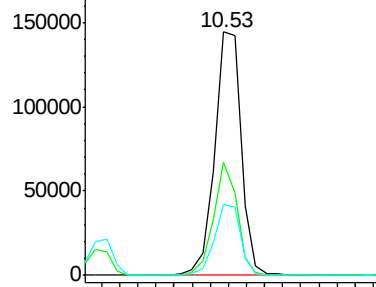
#67
Hexachlorobenzene
Concen: 40.30 ng
RT: 10.53 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.4	22.8	34.2#
249	29.3	24.0	36.0

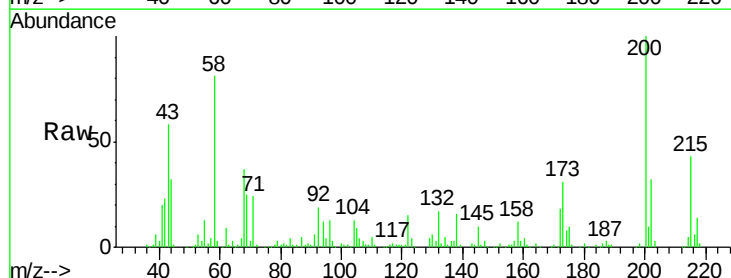


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

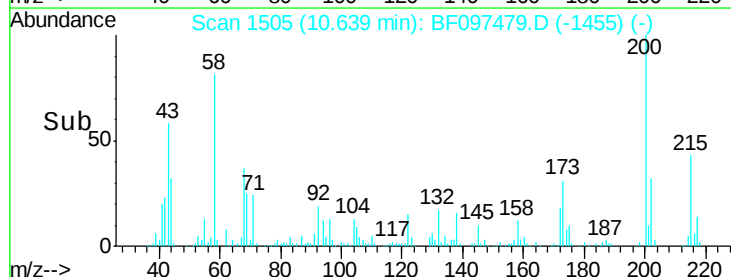
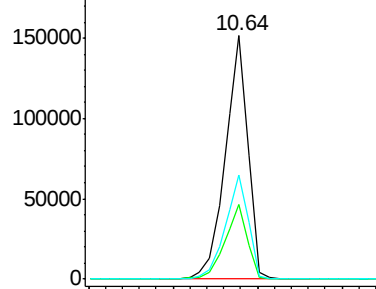


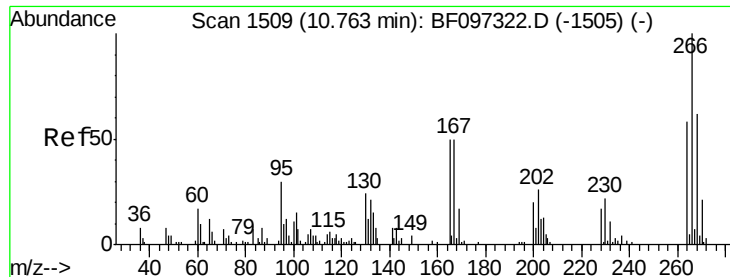
#68
Atrazine
Concen: 43.69 ng
RT: 10.64 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.8	6.3	46.3
215	42.9	27.2	67.2



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

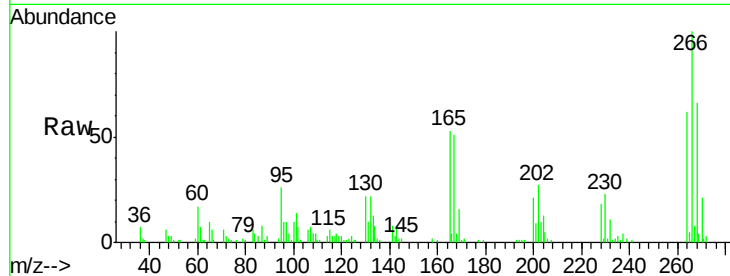




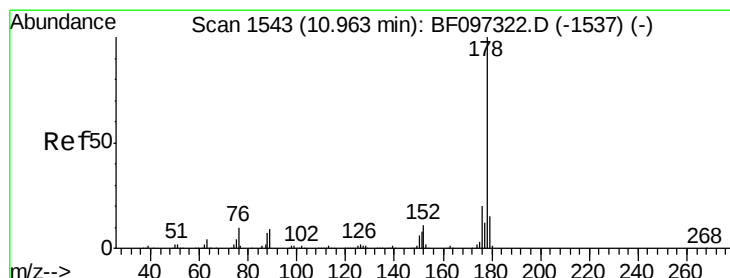
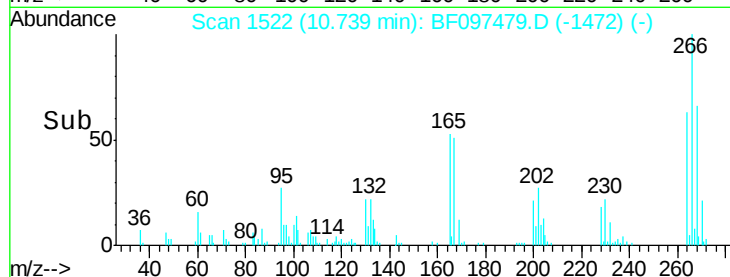
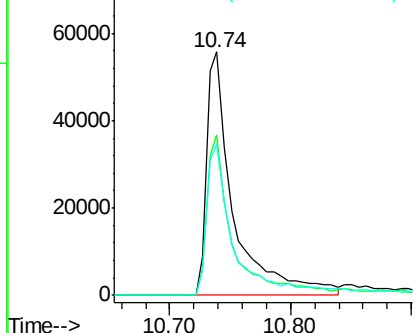
#69
 Pentachlorophenol
 Concen: 57.20 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion:266 Resp: 86016
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 62.2 51.7 77.5

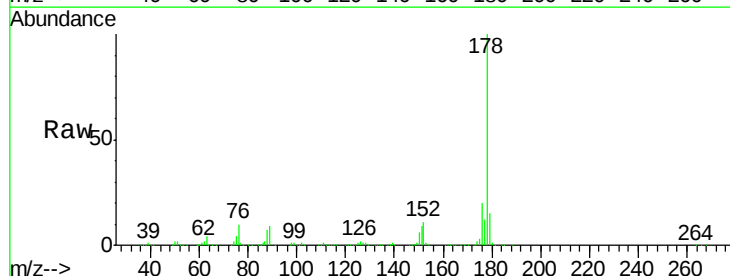


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

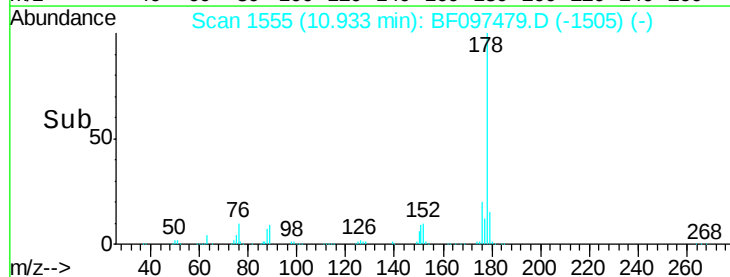
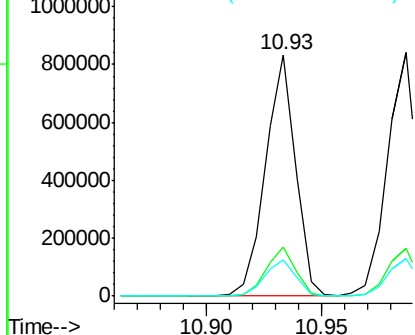


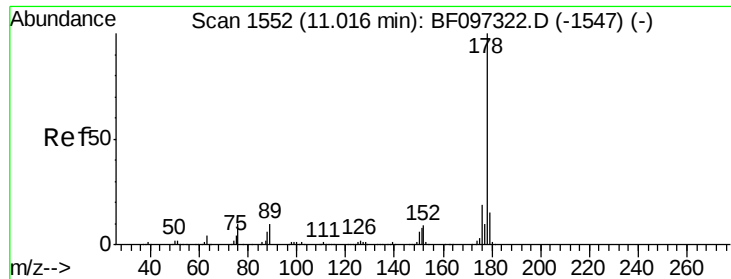
#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:178 Resp: 754765
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.0 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

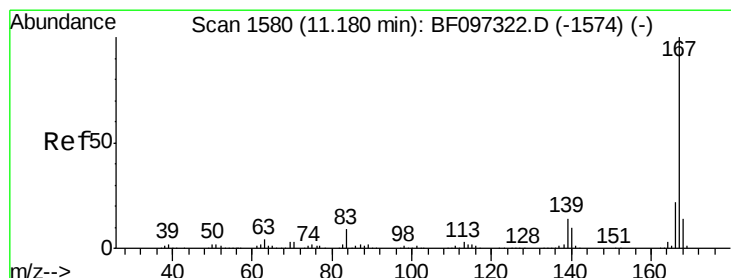
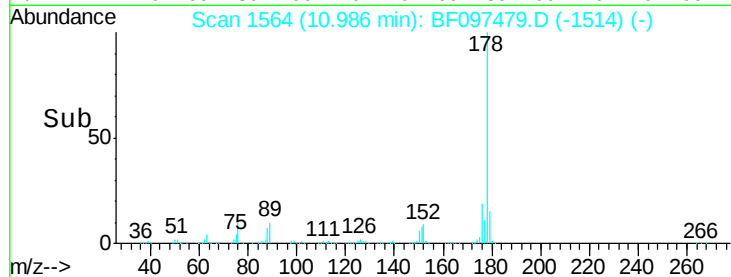
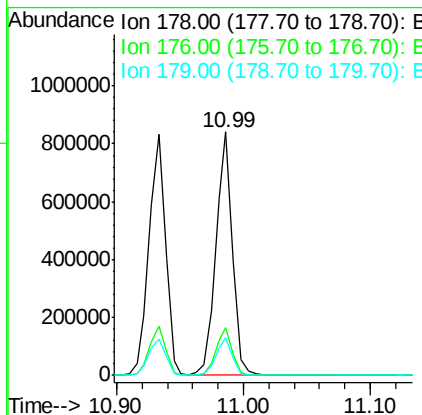
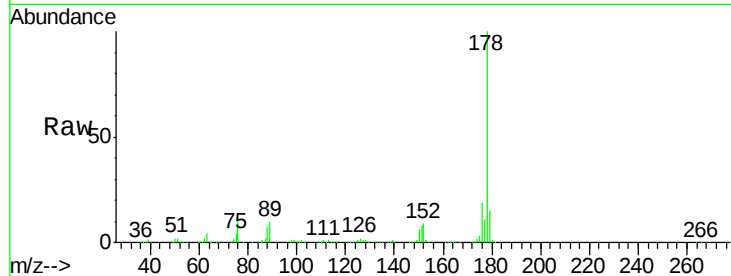




#71
 Anthracene
 Concen: 43.67 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

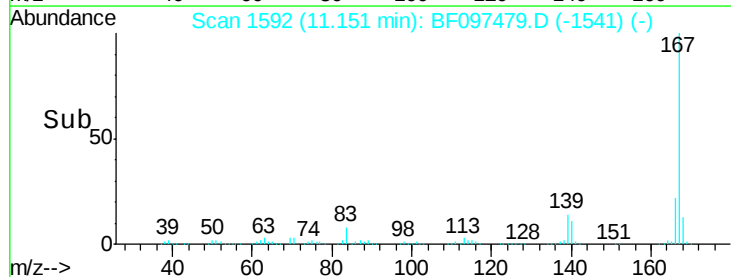
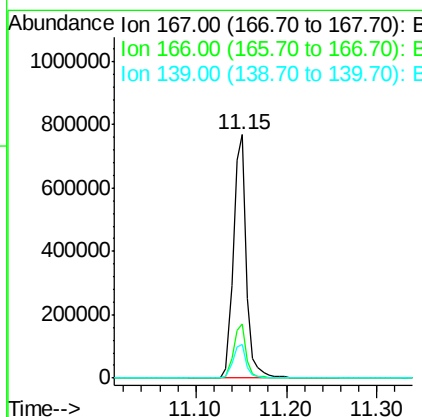
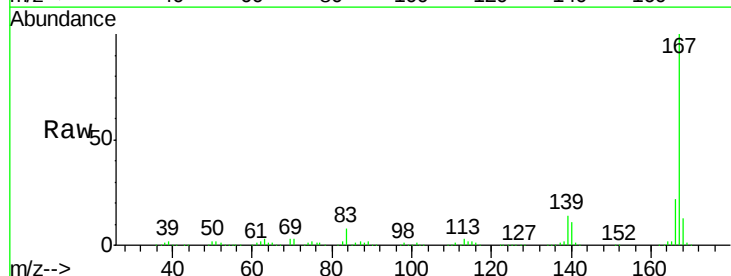
Instrument :
 BNA_F
 ClientSampled :
 PB101345BS

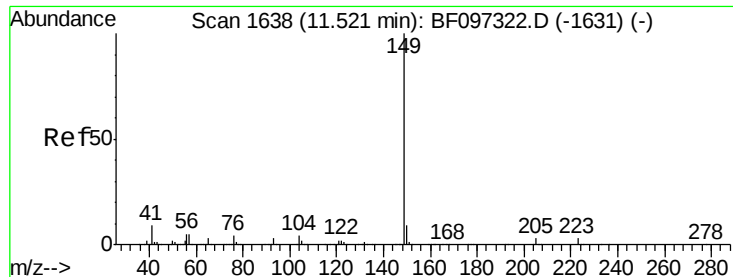
Tot Ion:178 Resp: 778242
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 44.05 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:167 Resp: 771975
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.8 11.7 17.5

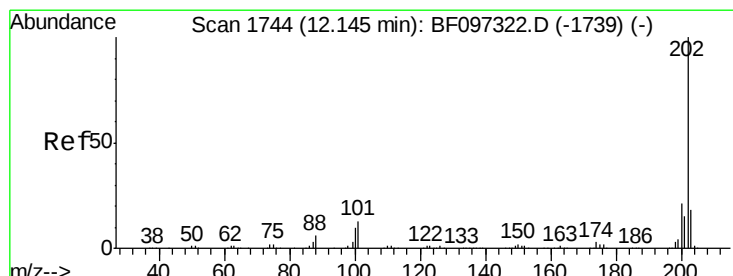
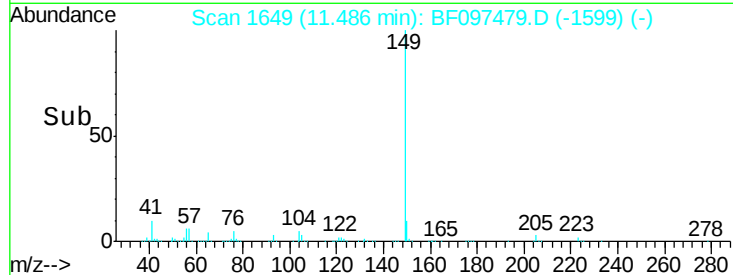
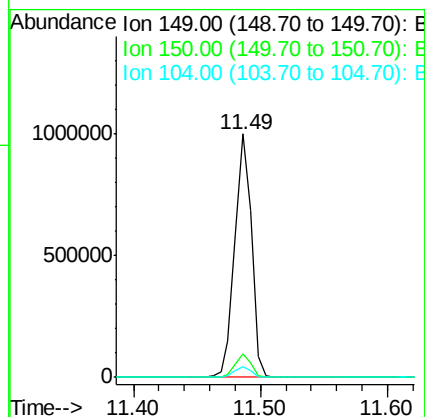
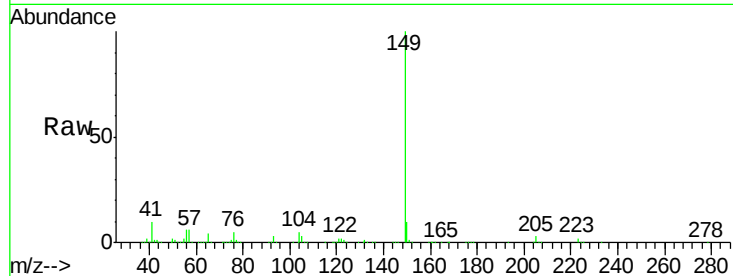




#73
Di-n-butylphthalate
Concen: 41.46 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

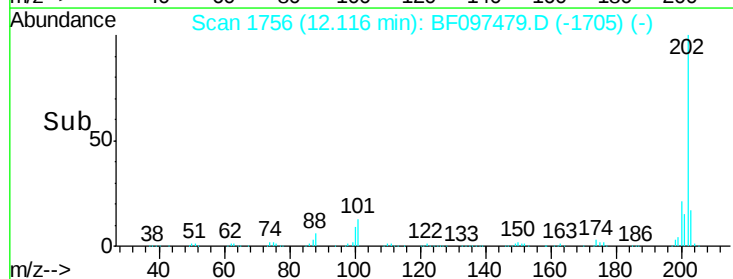
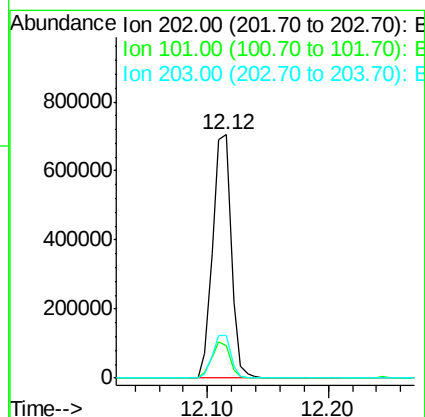
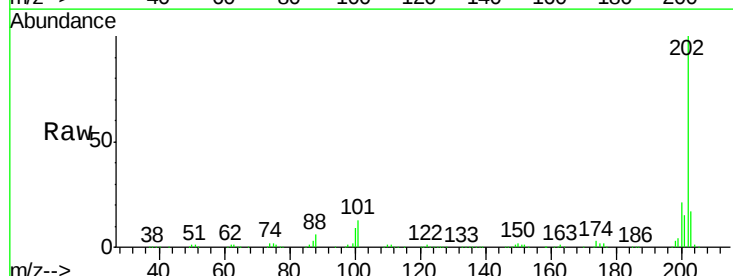
Instrument :
BNA_F
ClientSampleId :
PB101345BS

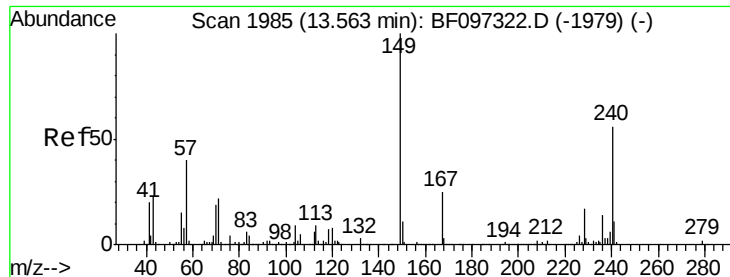
Tot Ion:149 Resp: 898156
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 43.74 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:202 Resp: 745631
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

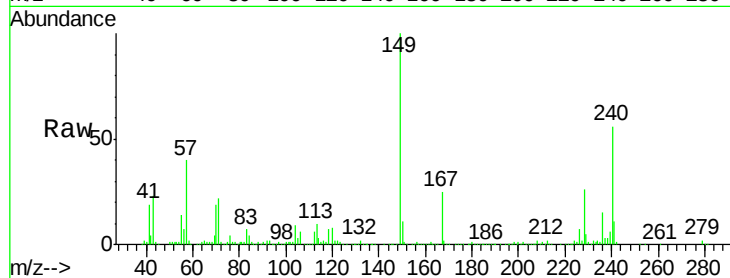
Tot Ion:240 Resp: 196069

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

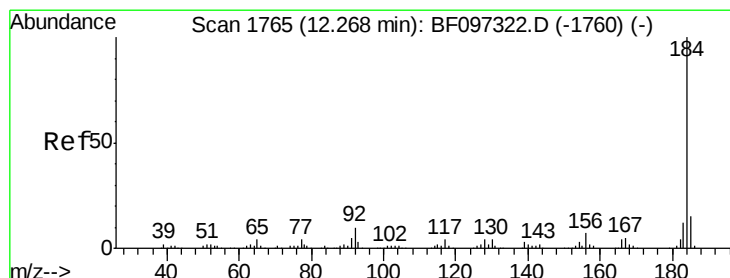
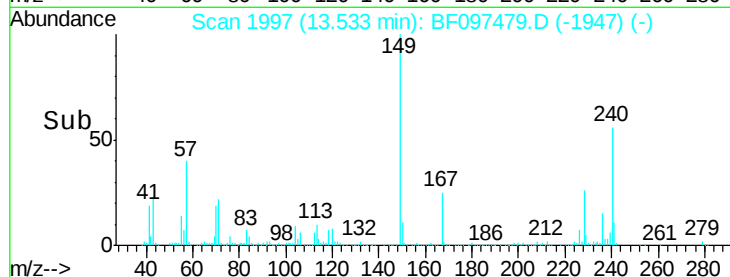
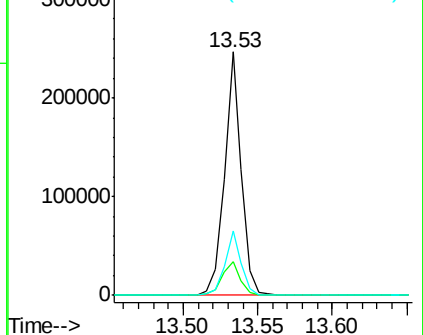
236 26.6 20.5 30.7



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: 55.40 ng

RT: 12.24 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

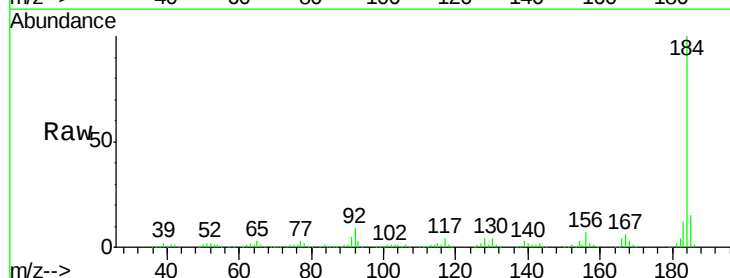
Tgt Ion:184 Resp: 403015

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

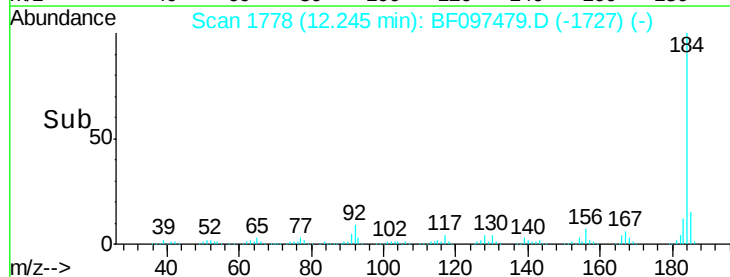
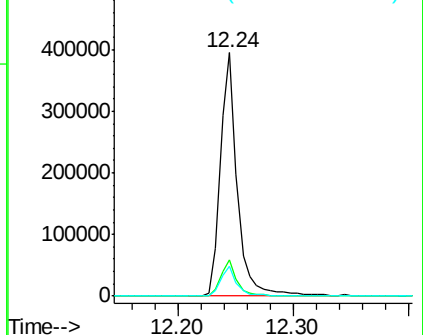
183 12.2 9.8 14.6

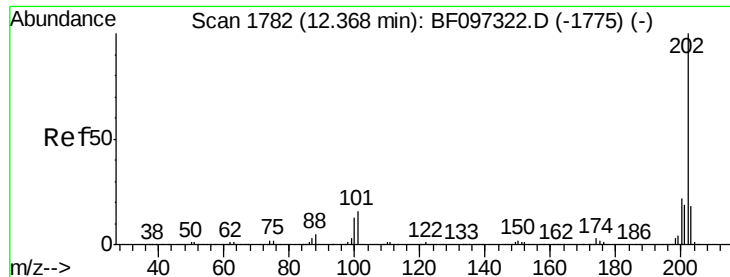


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

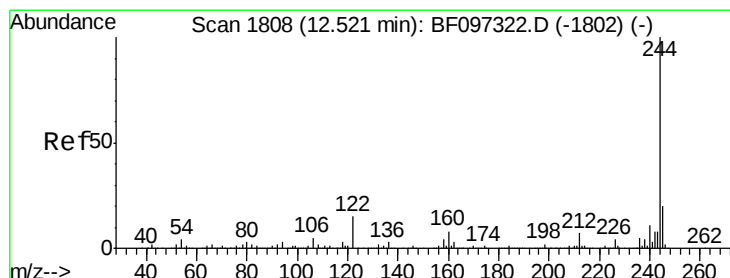
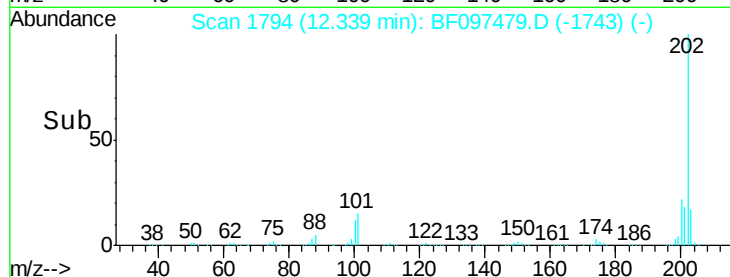
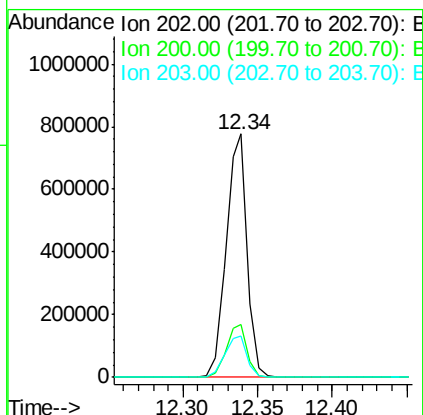
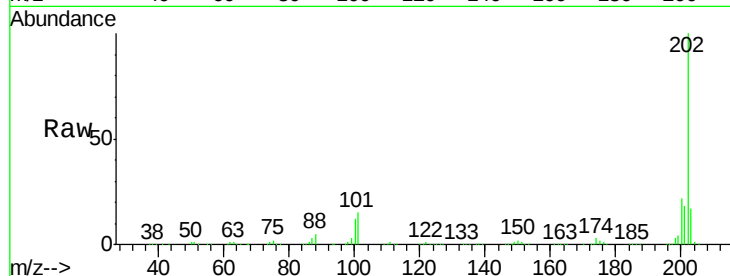




#77
Pvrene
Concen: 47.67 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

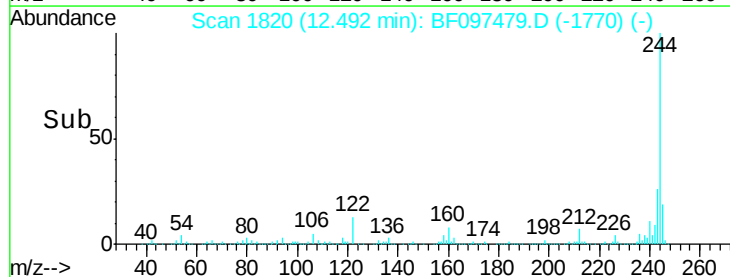
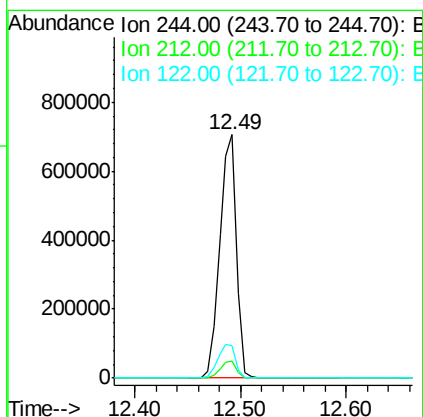
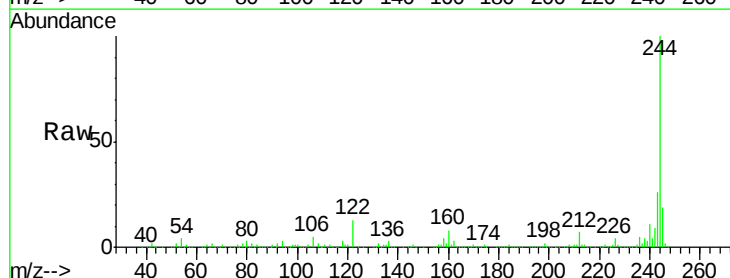
Instrument :
BNA_F
ClientSampleId :
PB101345BS

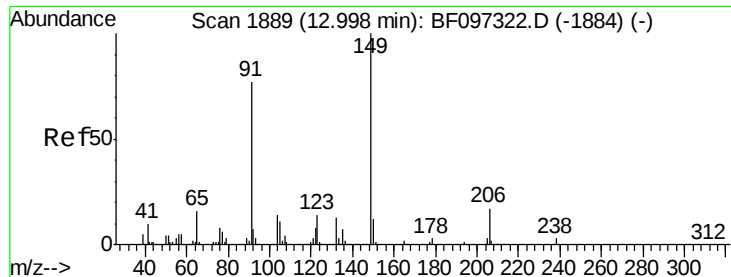
Tot Ion:202 Resp: 765213
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.2 14.4 21.6



#78
Terphenyl-d14
Concen: 81.21 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:244 Resp: 780942
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.5 10.3 15.5

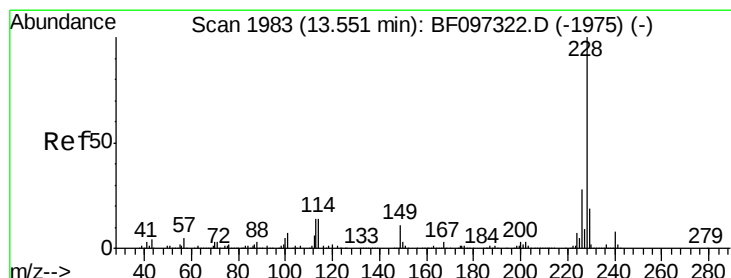
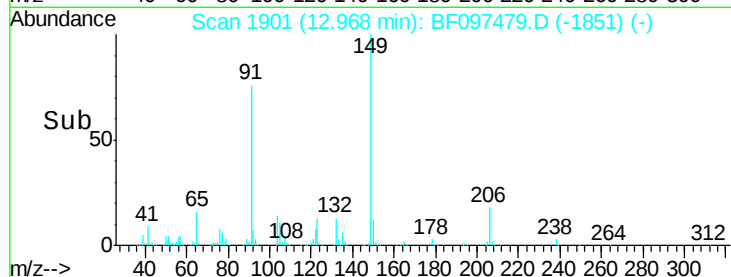
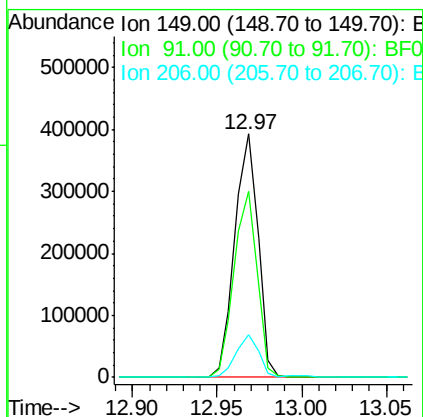
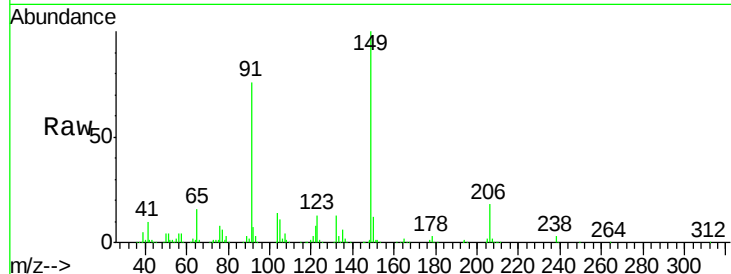




#79
Butylbenzylphthalate
Concen: 46.05 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

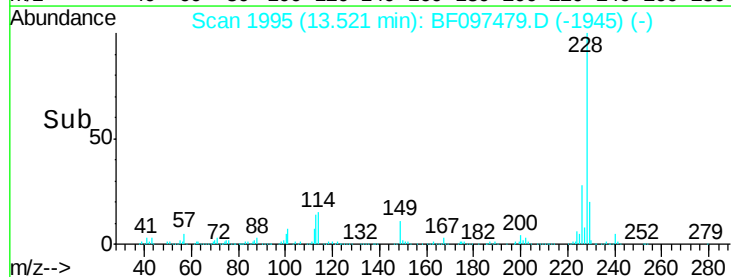
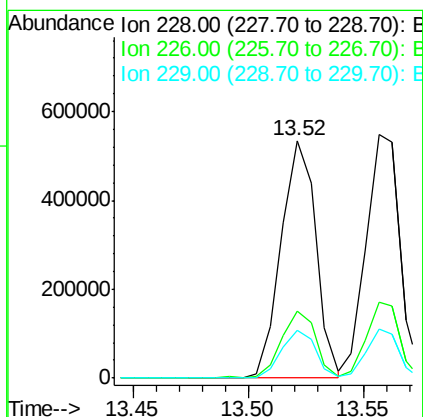
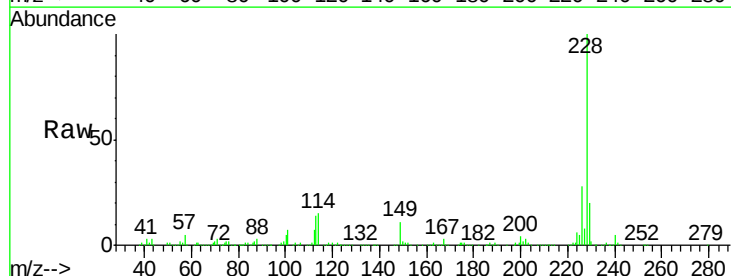
Instrument :
BNA_F
ClientSampleId :
PB101345BS

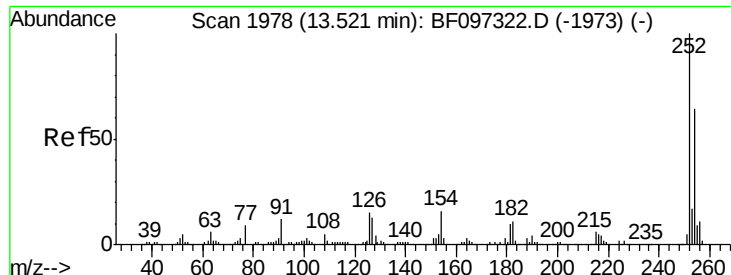
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	45.0	67.4#
206	17.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.89 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5

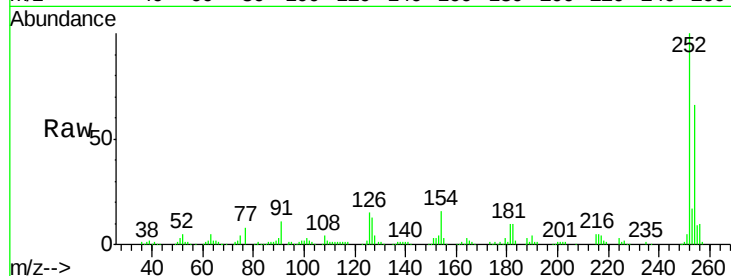




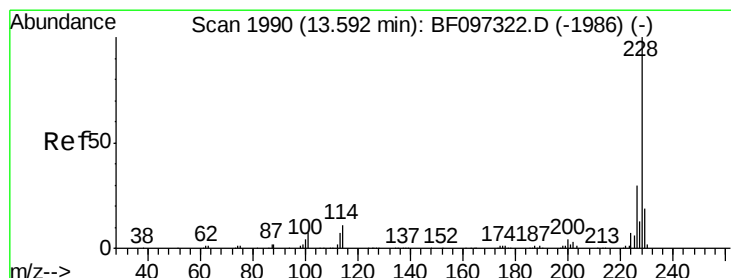
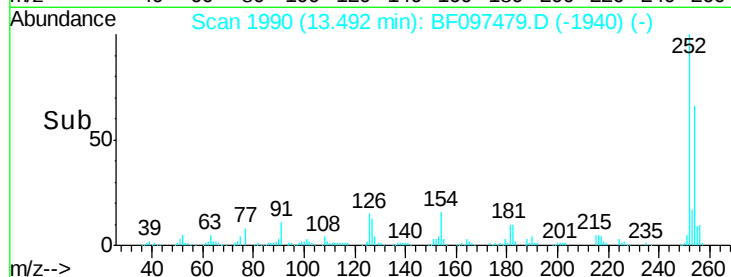
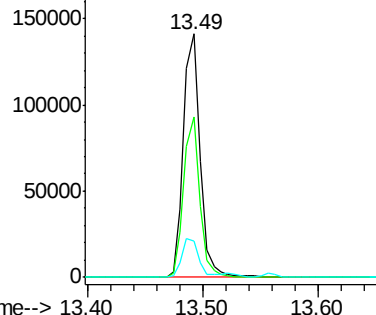
#81
 3,3'-Dichlorobenzidine
 Concen: 29.82 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion:252 Resp: 142670
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.5 77.3
 126 14.8 15.8 23.8#

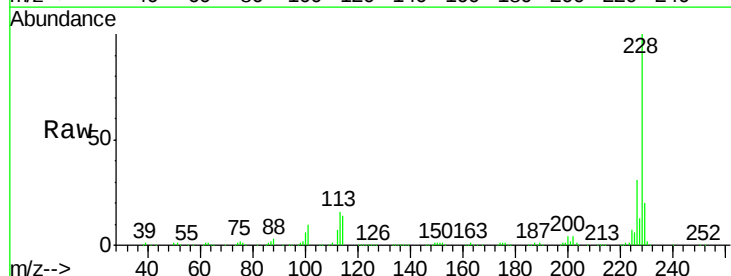


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

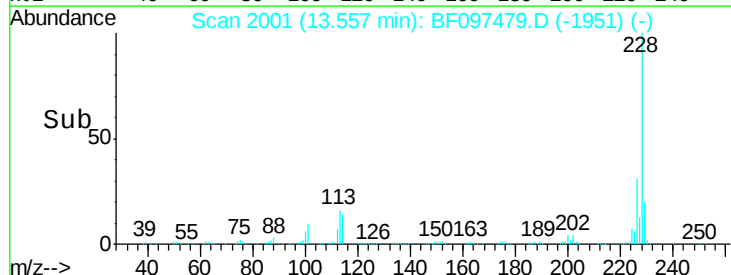
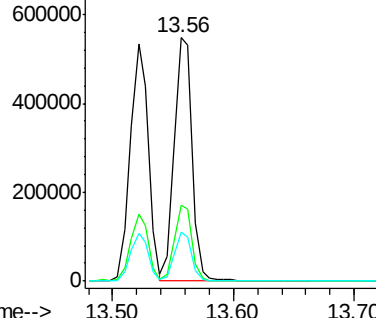


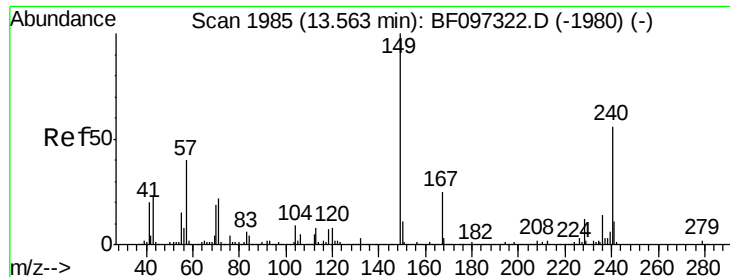
#82
 Chrysene
 Concen: 45.45 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:228 Resp: 563024
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.1 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: 39.76 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

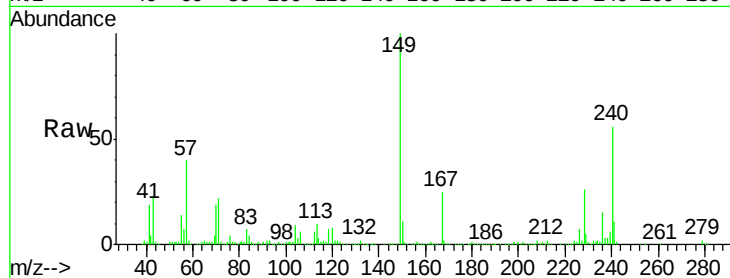
Tot Ion:149 Resp: 423851

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

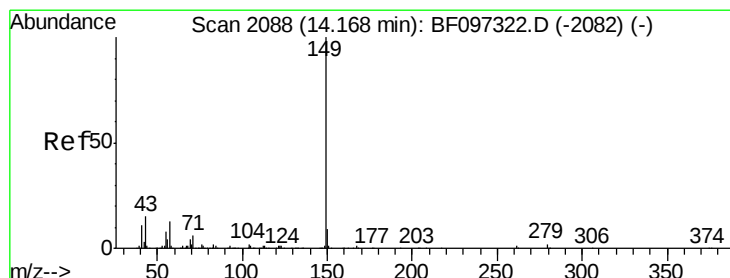
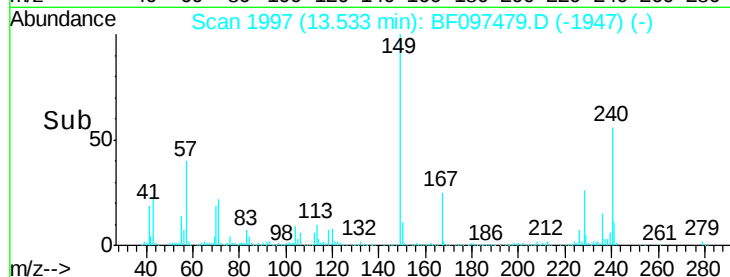
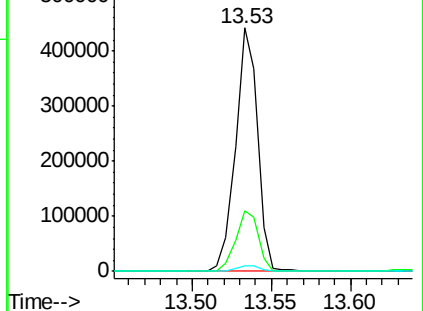
279 2.4 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.61 ng

RT: 14.14 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

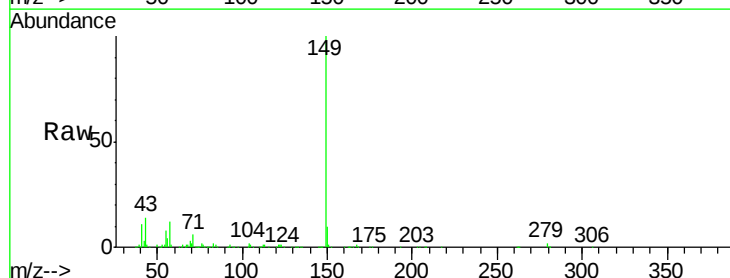
Tgt Ion:149 Resp: 775013

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

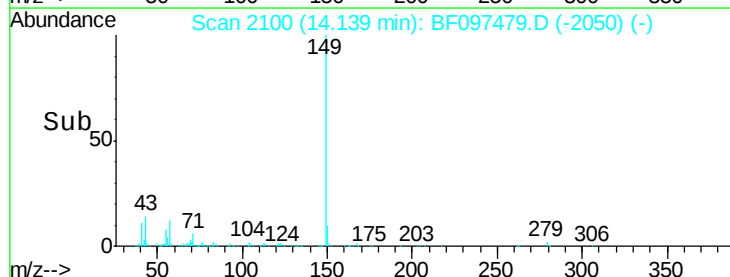
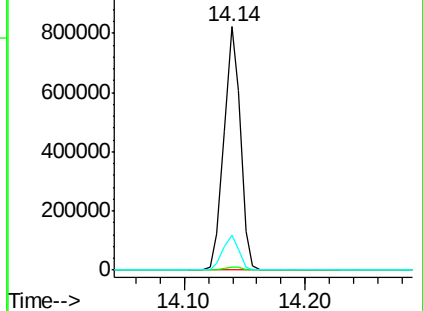
43 14.0 8.5 12.7#

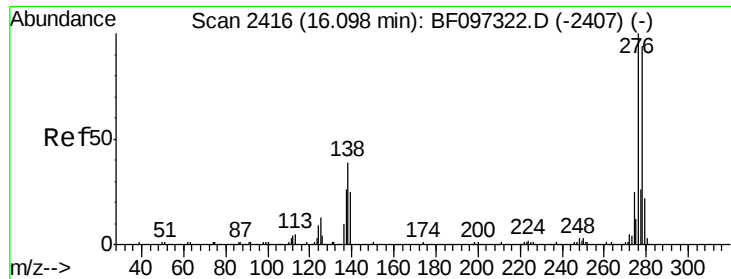


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

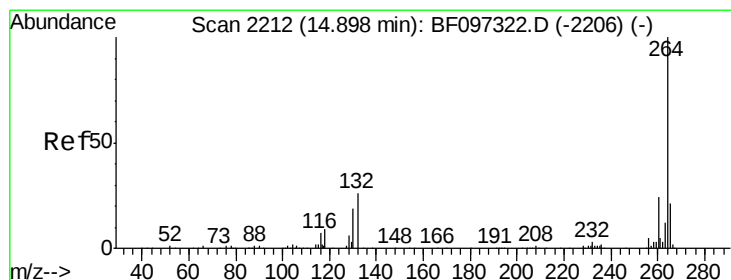
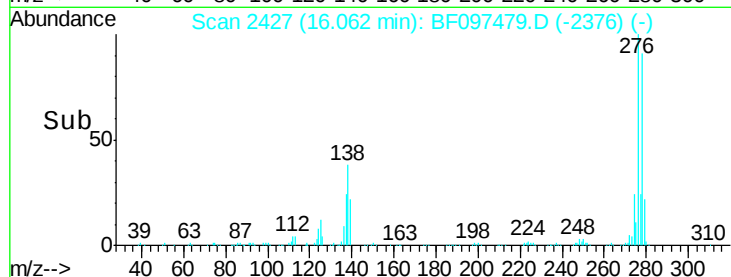
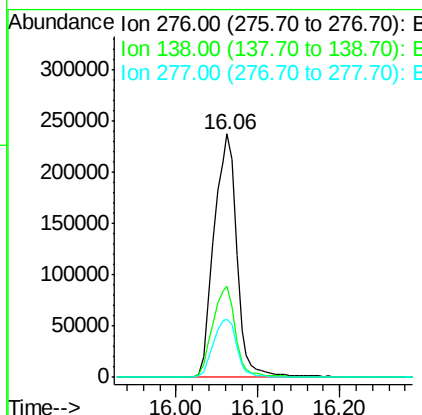
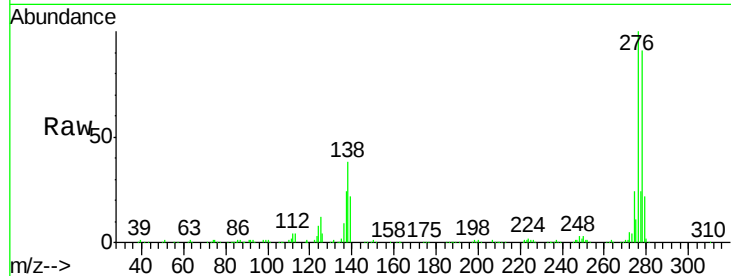




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.62 ng
 RT: 16.06 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

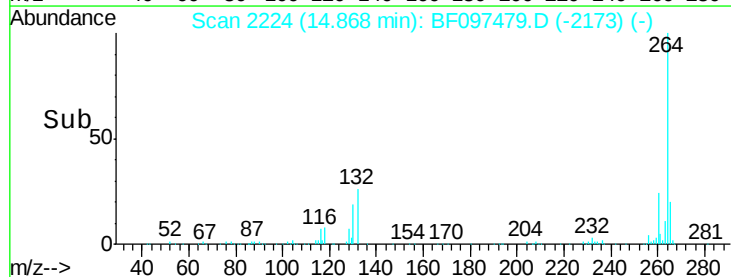
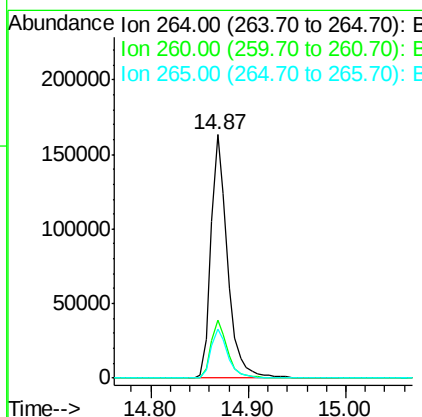
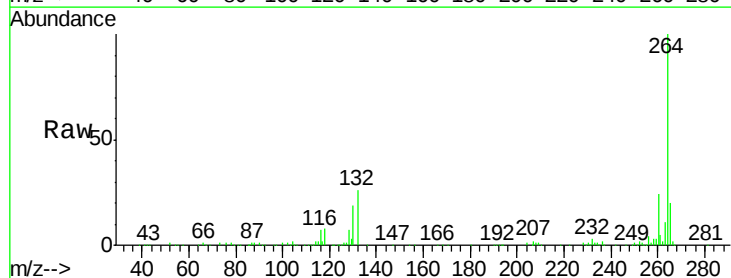
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

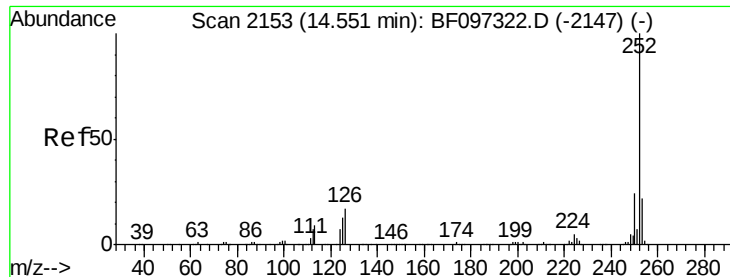
Tot Ion:276 Resp: 463346
 Ion Ratio Lower Upper
 276 100
 138 37.3 27.8 41.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:264 Resp: 192377
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.4 17.2 25.8

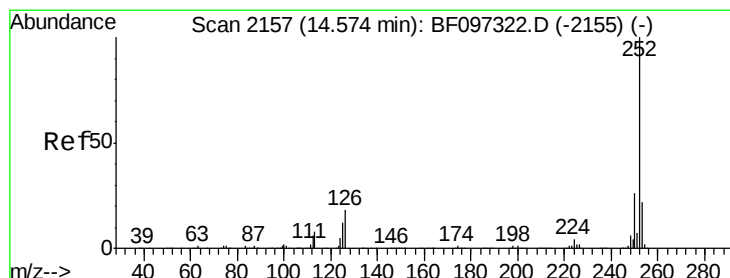
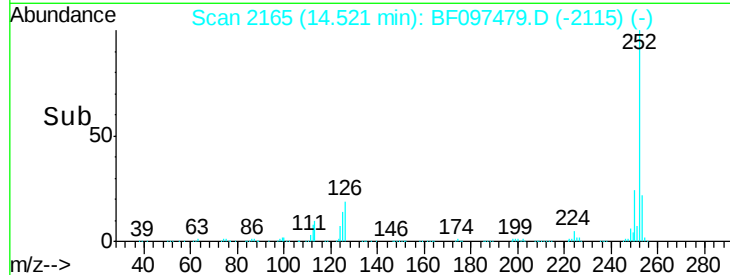
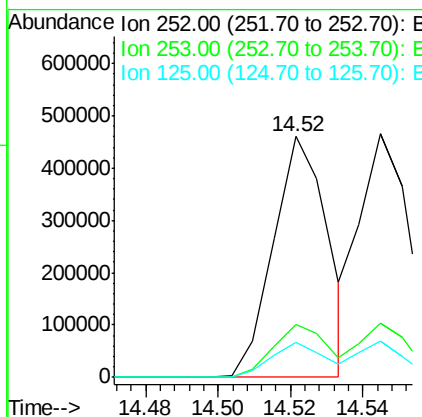
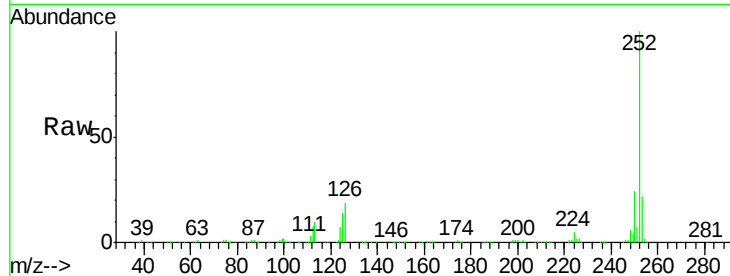




#87
Benzo(b)fluoranthene
Concen: 41.48 ng
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

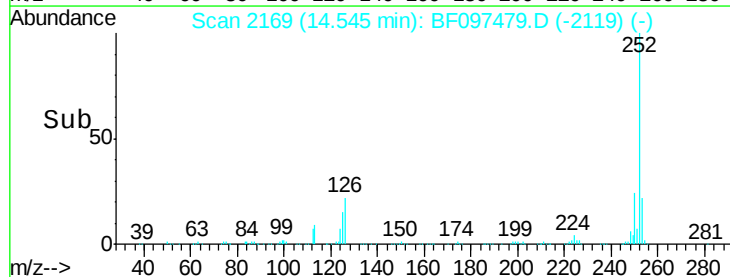
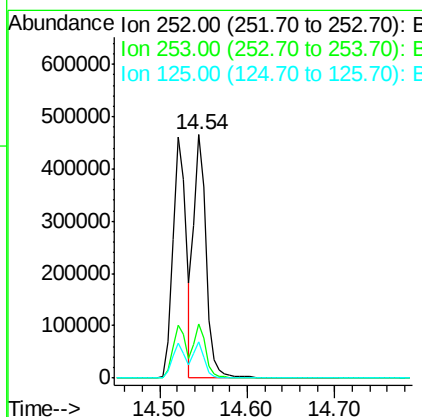
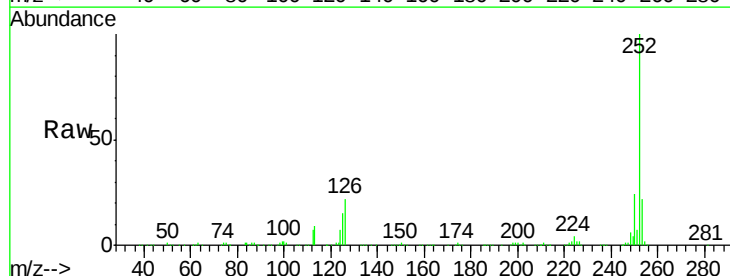
Instrument :
BNA_F
ClientSampleId :
PB101345BS

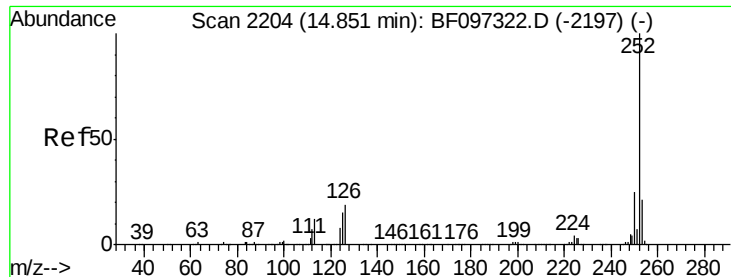
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.33 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.0	13.1	19.7

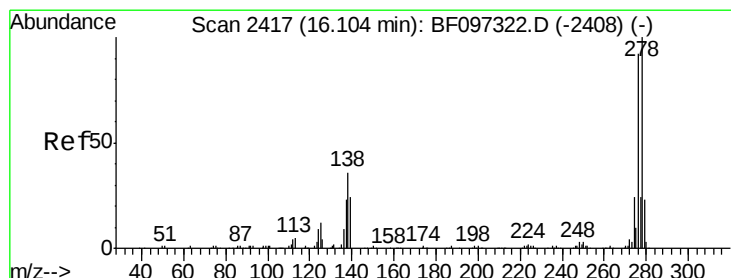
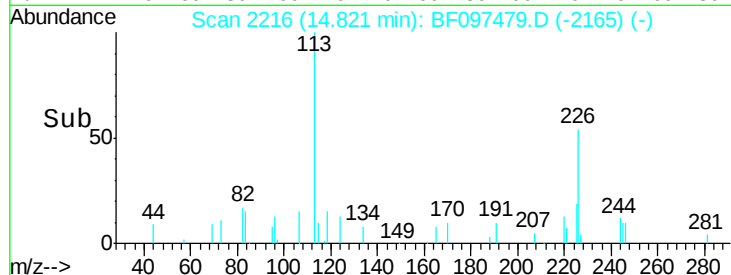
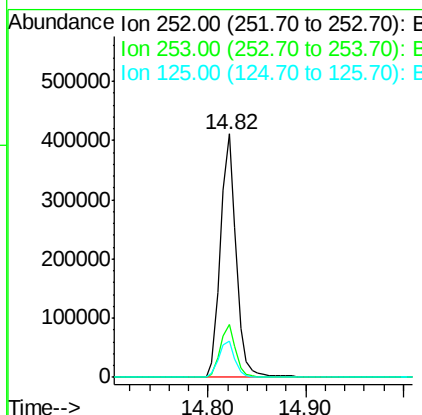
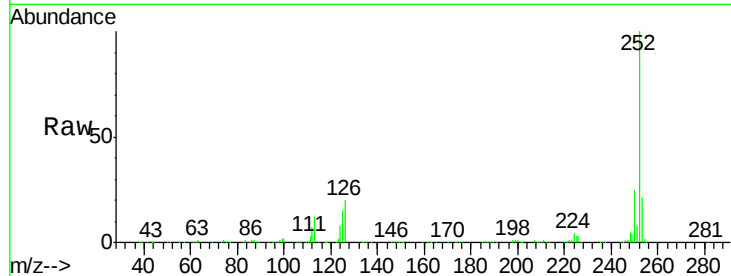




#89
Benzo(a)pyrene
Concen: 43.62 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

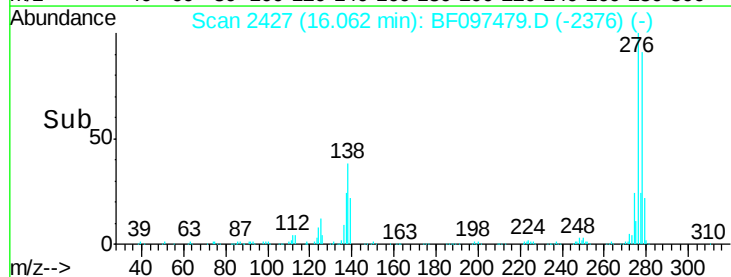
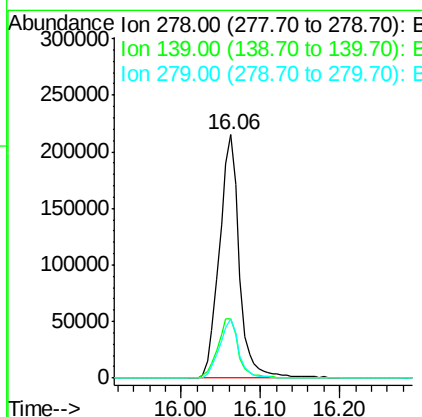
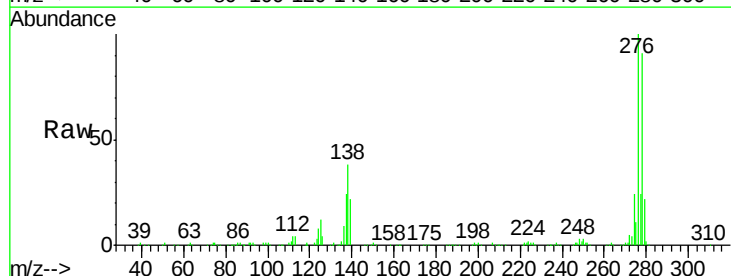
Instrument :
BNA_F
ClientSampleId :
PB101345BS

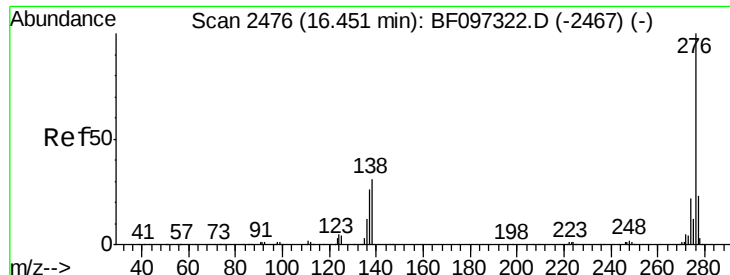
Tot Ion:252 Resp: 461647
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:278 Resp: 374612
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 45.31 ng

RT: 16.40 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

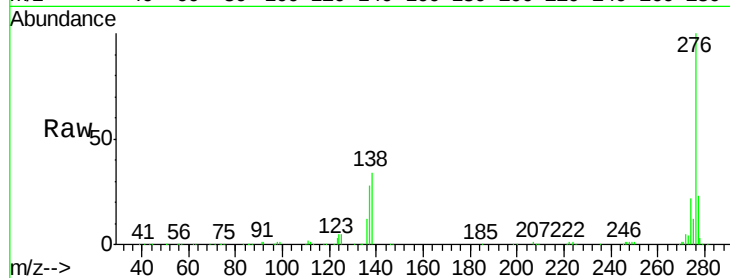
Tot Ion:276 Resp: 412411

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 33.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

