

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097031.D
 Acq On : 25 Jul 2017 16:18
 Operator : SJ/JU
 Sample : PB100892BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 16:54:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139658	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	612266	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	259960	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	414115	20.00	ng	0.00
75) Chrysene-d12	13.63	240	244771	20.00	ng	0.00
86) Perylene-d12	14.97	264	220568	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.11	112	703313	75.92	ng	0.01
7) Phenol-d6	6.17	99	800144	75.65	ng	0.00
23) Nitrobenzene-d5	7.07	82	746262	71.50	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	159200	77.51	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1173272	76.59	ng	0.00
78) Terphenyl-d14	12.59	244	891183	74.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	140397	36.315	ng	# 76
3) Pyridine	2.74	79	399746	33.767	ng	# 64
4) n-Nitrosodimethylamine	2.70	42	229806	35.040	ng	# 84
6) Aniline	6.16	93	250417	18.816	ng	# 70
8) 2-Chlorophenol	6.29	128	370236	37.374	ng	# 95
9) Benzaldehyde	6.04	77	133319	21.296	ng	# 97
10) Phenol	6.18	94	440740	35.133	ng	# 95
11) bis(2-Chloroethyl)ether	6.25	93	350785	35.354	ng	# 91
12) 1,3-Dichlorobenzene	6.44	146	403106	37.760	ng	# 99
13) 1,4-Dichlorobenzene	6.52	146	409471	38.704	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	329747	35.697	ng	# 98
15) Benzyl Alcohol	6.66	79	260527	38.907	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	704459	35.399	ng	# 76
17) 2-Methylphenol	6.79	107	279284	36.530	ng	# 89
18) Hexachloroethane	7.01	117	139093	35.937	ng	# 83
19) n-Nitroso-di-n-propylamine	6.93	70	267674	38.450	ng	# 85
20) 3+4-Methylphenols	6.94	107	391475	39.204	ng	# 62
22) Acetophenone	6.92	105	528315	35.932	ng	# 97
24) Nitrobenzene	7.09	77	367521	33.811	ng	# 97
25) Isophorone	7.33	82	790144	38.658	ng	# 97
26) 2-Nitrophenol	7.40	139	229680	39.056	ng	# 83
27) 2,4-Dimethylphenol	7.46	122	378284	38.995	ng	# 98
28) bis(2-Chloroethoxy)methane	7.55	93	515297	38.633	ng	# 99
29) 2,4-Dichlorophenol	7.66	162	327538	39.193	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	305623	38.367	ng	# 98
31) Naphthalene	7.80	128	1113294	38.574	ng	# 99
32) Benzoic acid	7.63	122	243311	33.589	ng	# 98
33) 4-Chloroaniline	7.86	127	151239	12.878	ng	# 96
34) Hexachlorobutadiene	7.93	225	154469	36.578	ng	# 96
35) Caprolactam	8.25	113	63169	23.573	ng	# 60
36) 4-Chloro-3-methylphenol	8.37	107	297230	32.601	ng	# 87
37) 2-Methylnaphthalene	8.50	142	642233	35.145	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	222553	32.085	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	186034	76.969	ng	# 98

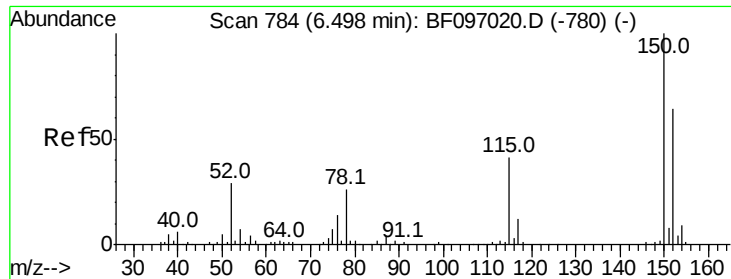
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	178353	35.482	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	172342	34.254	ng	96
45) 1,1'-Biphenyl	8.96	154	751705	33.854	ng	98
46) 2-Chloronaphthalene	8.98	162	571210	34.958	ng	93
47) 2-Nitroaniline	9.09	65	224141	37.798	ng	96
48) Acenaphthylene	9.39	152	915874	36.518	ng	99
49) Dimethylphthalate	9.27	163	727675	36.861	ng	99
50) 2,6-Dinitrotoluene	9.33	165	158237	37.793	ng	# 88
51) Acenaphthene	9.56	154	534874	36.206	ng	99
52) 3-Nitroaniline	9.49	138	92950	17.885	ng	94
53) 2,4-Dinitrophenol	9.61	184	107961	56.711	ng	# 72
54) Dibenzofuran	9.74	168	775098	39.390	ng	98
55) 4-Nitrophenol	9.69	139	209902	67.917	ng	# 67
56) 2,4-Dinitrotoluene	9.73	165	181845	37.780	ng	# 51
57) Fluorene	10.08	166	565124	38.211	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145123	41.776	ng	98
59) Diethylphthalate	9.97	149	698146	38.548	ng	99
60) 4-Chlorophenyl-phenylether	10.07	204	240836	39.435	ng	96
61) 4-Nitroaniline	10.11	138	168009	34.023	ng	91
62) Azobenzene	10.23	77	692217	41.200	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	81780	31.780	ng	89
65) n-Nitrosodiphenylamine	10.20	169	560529	38.902	ng	98
66) 4-Bromophenyl-phenylether	10.56	248	165672	40.088	ng	98
67) Hexachlorobenzene	10.63	284	170244	36.735	ng	95
68) Atrazine	10.73	200	166254	40.238	ng	95
69) Pentachlorophenol	10.83	266	143313	74.738	ng	97
70) Phenanthrene	11.03	178	861058	38.807	ng	99
71) Anthracene	11.08	178	889221	39.128	ng	99
72) Carbazole	11.24	167	822069	36.781	ng	99
73) Di-n-butylphthalate	11.58	149	1095766	39.662	ng	100
74) Fluoranthene	12.21	202	820664	37.754	ng	98
76) Benzidine	12.33	184	263352	28.997	ng	# 92
77) Pyrene	12.43	202	849054	42.371	ng	99
79) Butylbenzylphthalate	13.07	149	441992	43.362	ng	# 82
80) Benzo(a)anthracene	13.62	228	625789	39.513	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	141263	23.652	ng	# 96
82) Chrysene	13.66	228	621797	40.207	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	568260	42.698	ng	99
84) Di-n-octyl phthalate	14.24	149	1002795	41.059	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	520665	39.263	ng	95
87) Benzo(b)fluoranthene	14.62	252	527431	39.780	ng	97
88) Benzo(k)fluoranthene	14.64	252	454078	35.940	ng	96
89) Benzo(a)pyrene	14.92	252	475382	39.175	ng	98
90) Dibenzo(a,h)anthracene	16.22	278	420870	42.294	ng	98
91) Benzo(g,h,i)perylene	16.57	276	450576	43.177	ng	99

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

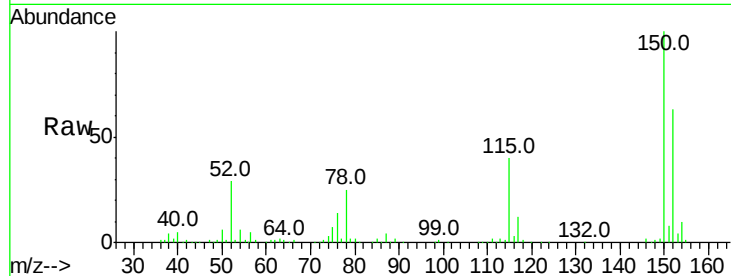


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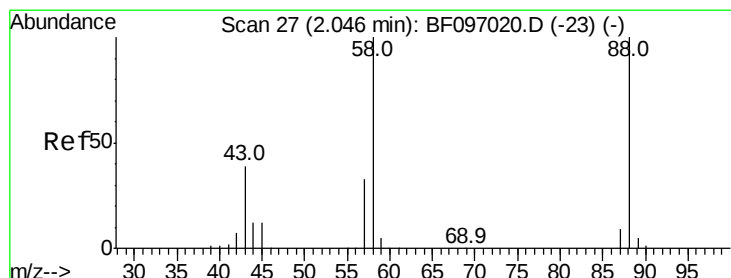
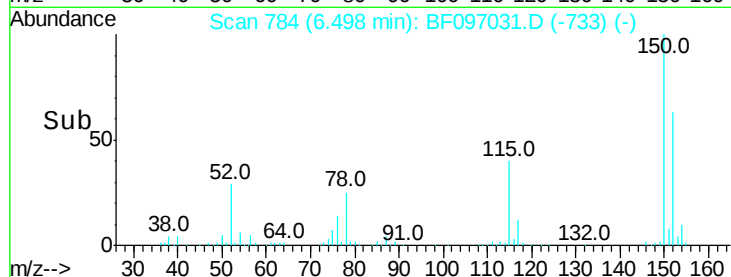
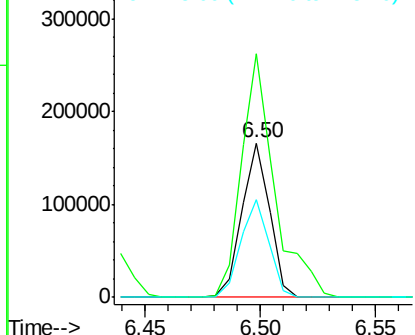
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 139658
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 63.5 52.2 78.2



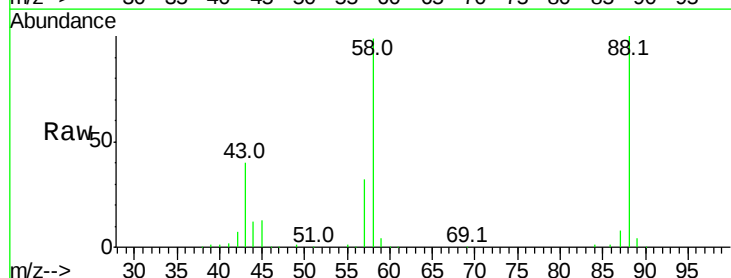
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



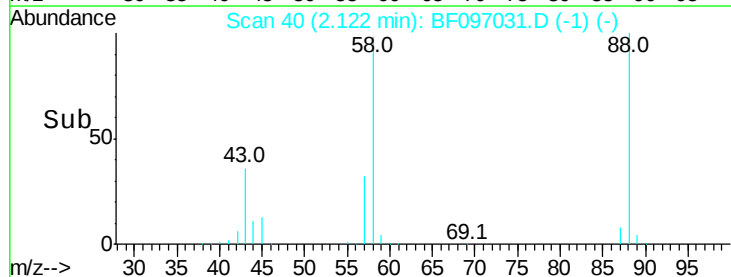
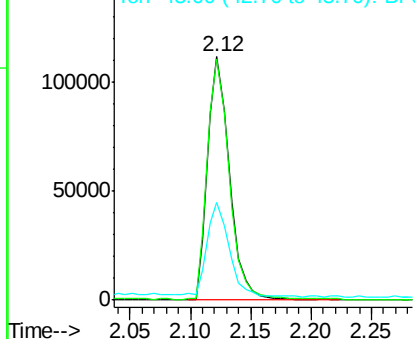
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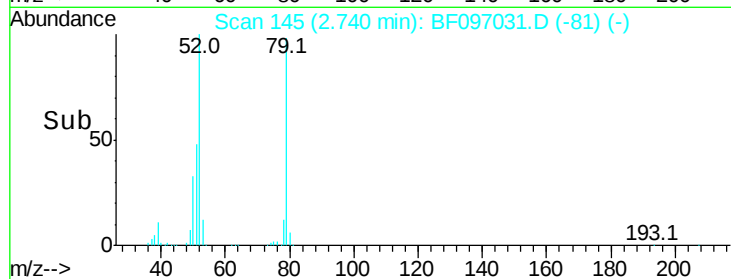
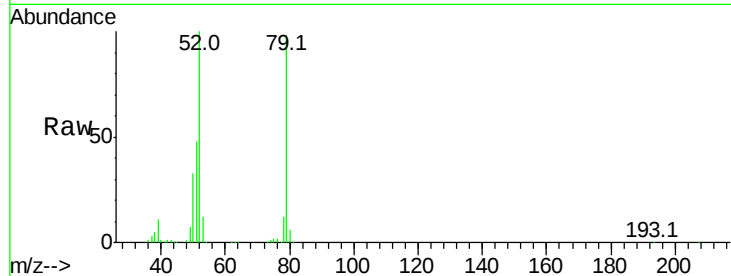
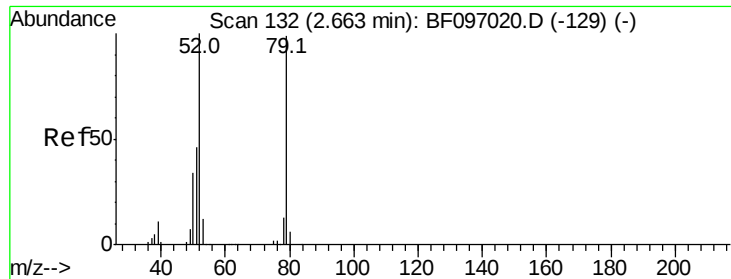
1,4-Dioxane
 Concen: 36.315 ng
 RT: 2.12 min Scan# 40
 Delta R.T. 0.08 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion: 88 Resp: 140397
 Ion Ratio Lower Upper
 88 100
 58 98.3 61.4 92.0#
 43 39.8 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: 33.767 ng

RT: 2.74 min Scan# 145

Delta R.T. 0.08 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

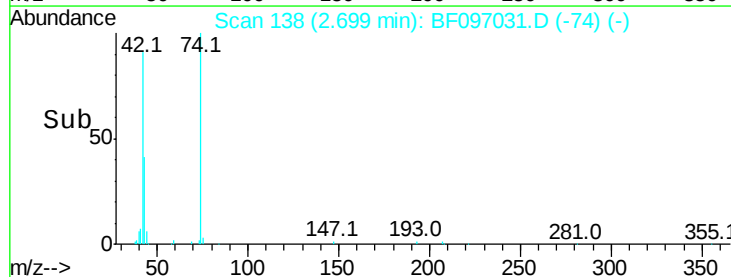
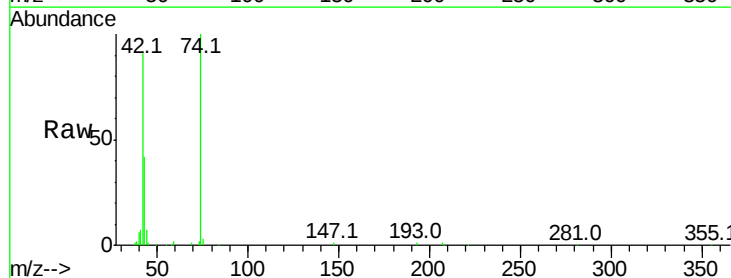
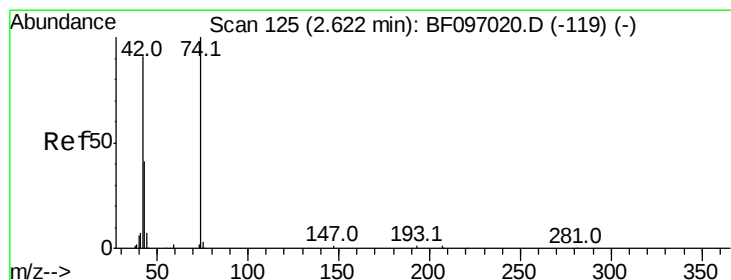
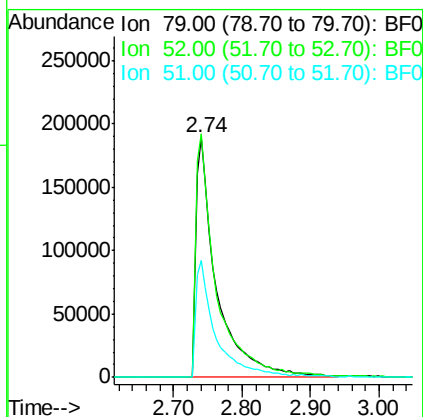
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 399746

Ion	Ratio	Lower	Upper
79	100		
52	101.6	54.8	82.2#
51	48.5	27.0	40.4#



#4

n-Nitrosodimethylamine

Concen: 35.040 ng

RT: 2.70 min Scan# 138

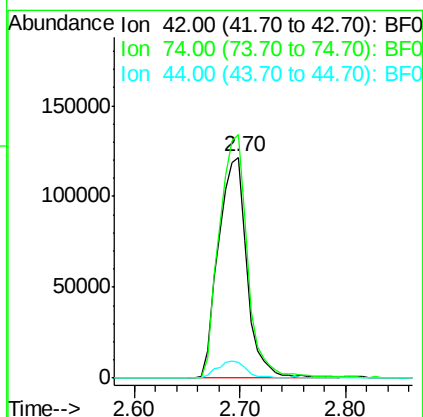
Delta R.T. 0.08 min

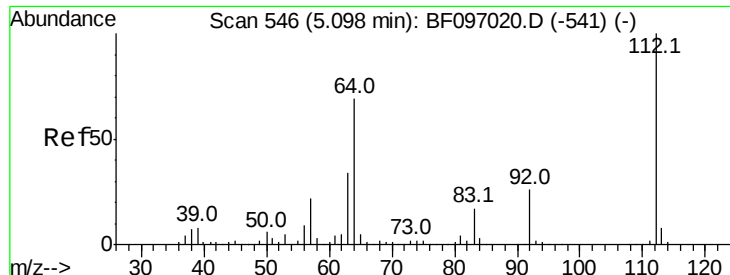
Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion: 42 Resp: 229806

Ion	Ratio	Lower	Upper
42	100		
74	110.2	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 75.917 ng

RT: 5.11 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

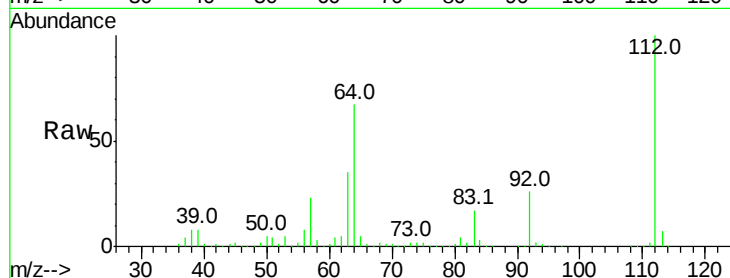
Tot Ion:112 Resp: 703313

Ion Ratio Lower Upper

112 100

64 66.7 46.0 69.0

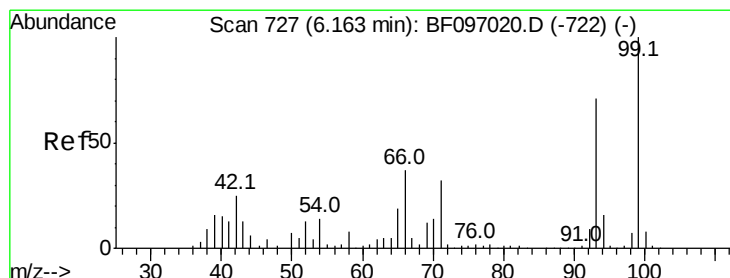
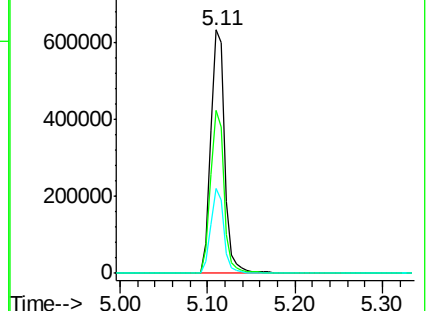
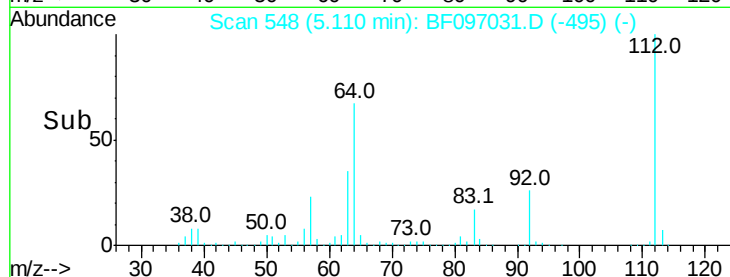
63 34.6 23.4 35.0



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: 18.816 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

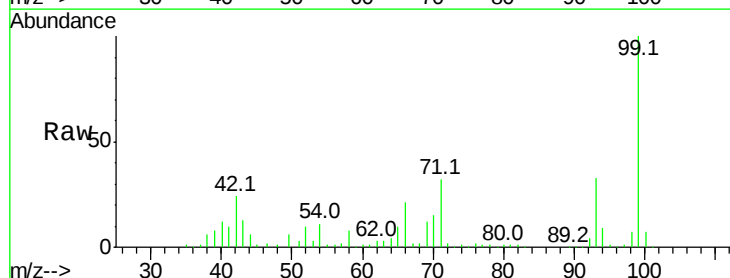
Tgt Ion: 93 Resp: 250417

Ion Ratio Lower Upper

93 100

66 63.2 32.9 49.3#

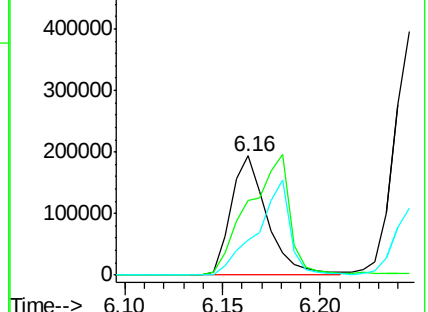
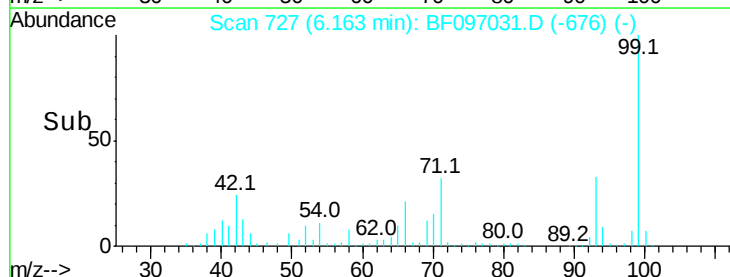
65 29.1 16.0 24.0#

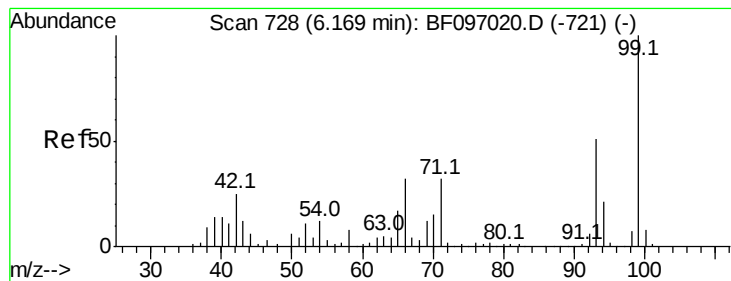


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.655 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

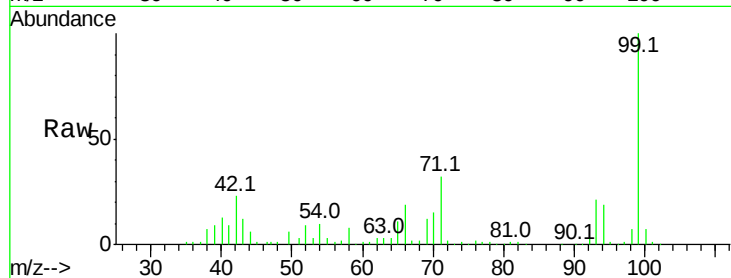
Instrument :

BNA_F

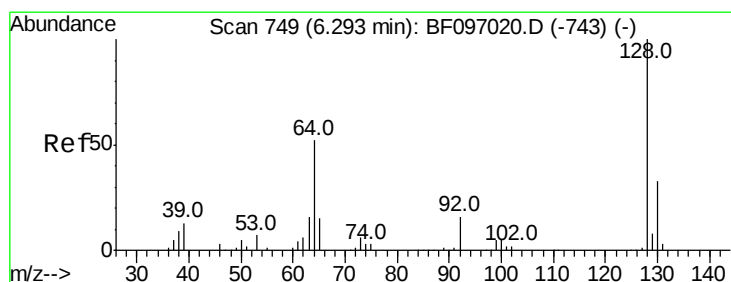
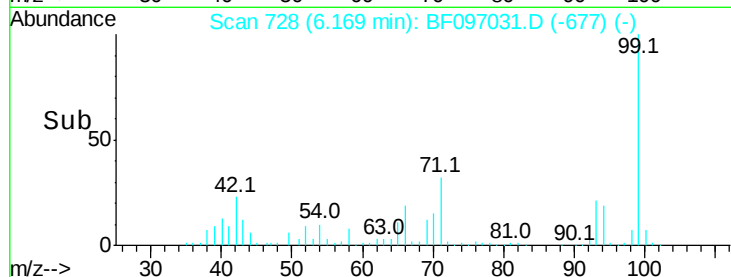
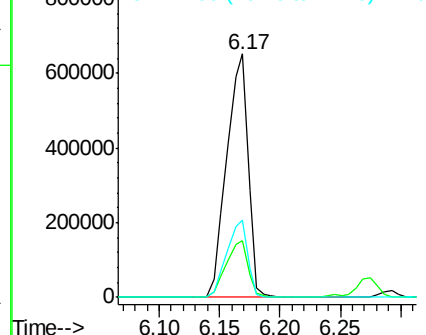
ClientSampleId :

Tot Ion: 99 Resp: 800144

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	31.6	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: 37.374 ng

RT: 6.29 min Scan# 749

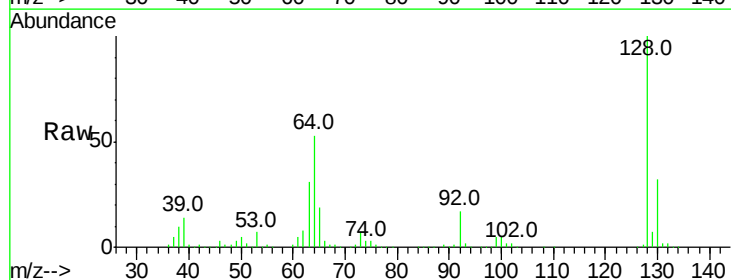
Delta R.T. -0.00 min

Lab File: BF097031.D

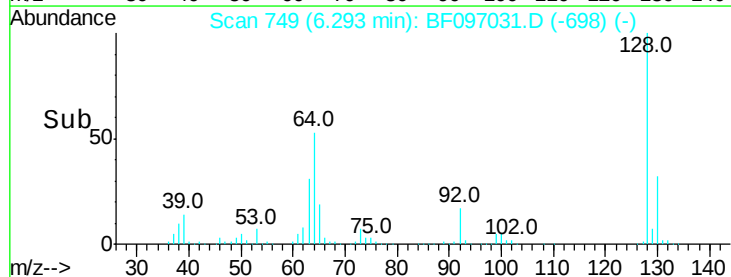
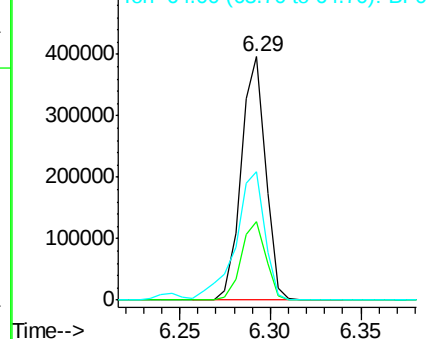
Acq: 25 Jul 2017 16:18

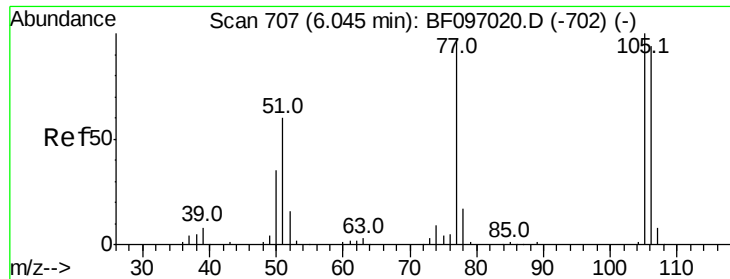
Tgt Ion: 128 Resp: 370236

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	53.0	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: 21.296 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

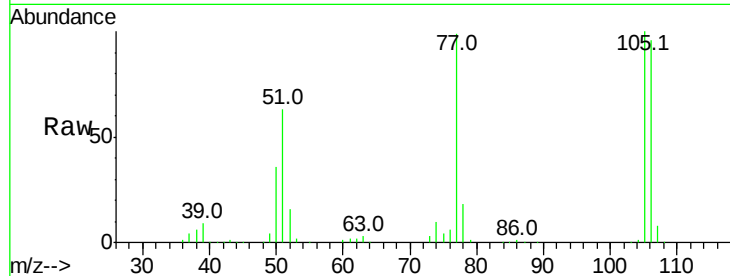
Tot Ion: 77 Resp: 133319

Ion Ratio Lower Upper

77 100

105 100.8 83.8 123.8

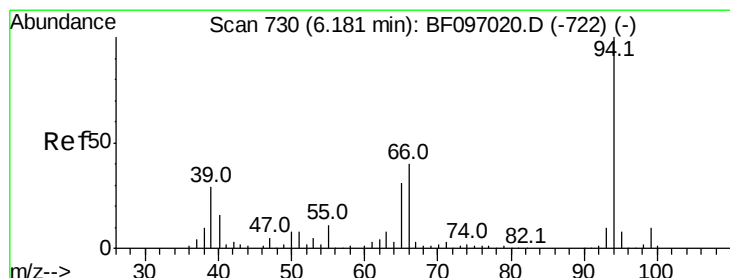
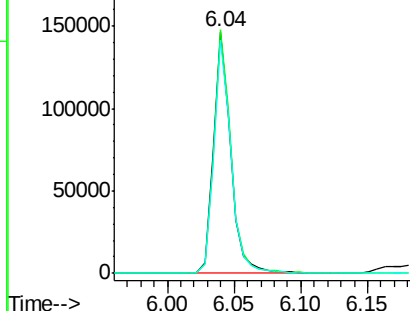
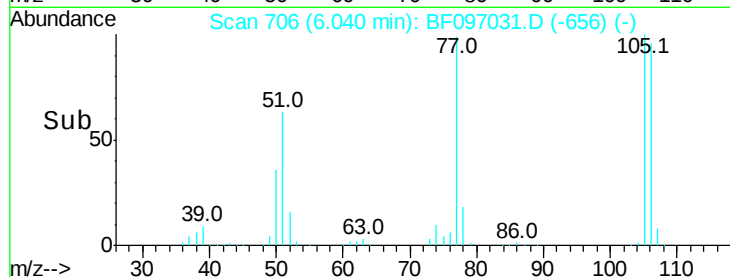
106 96.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.133 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

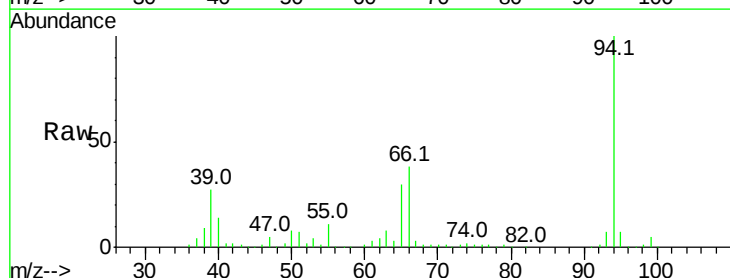
Tgt Ion: 94 Resp: 440740

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

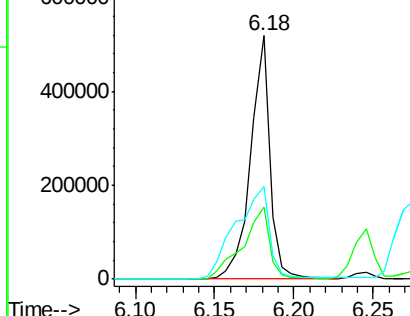
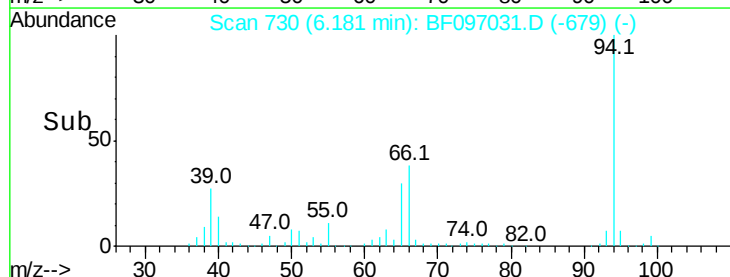
66 38.0 23.1 63.1

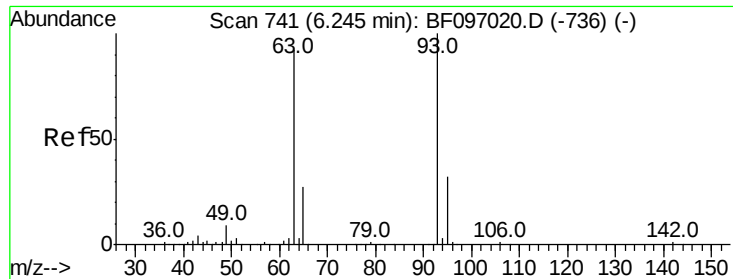


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.354 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

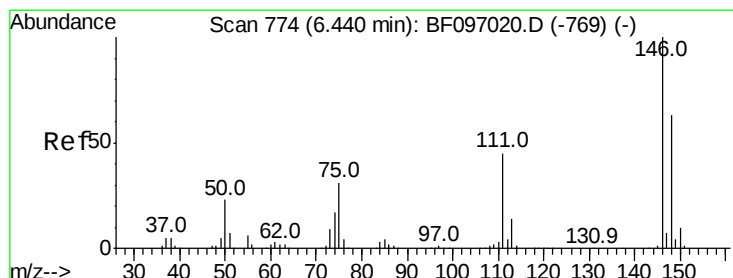
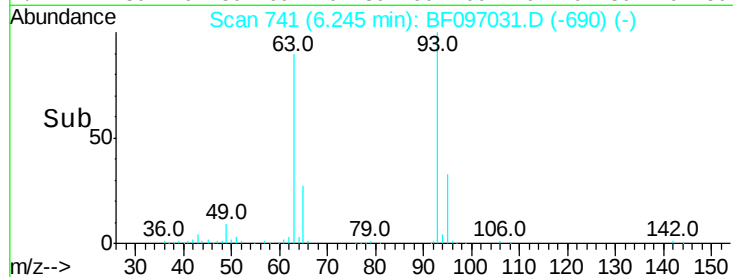
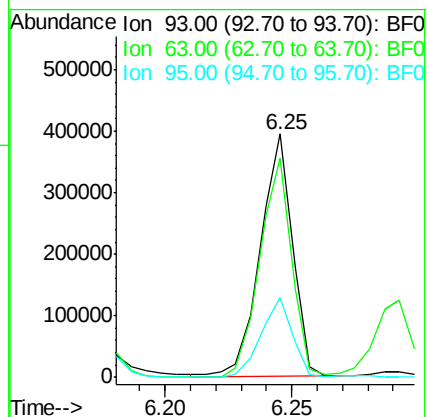
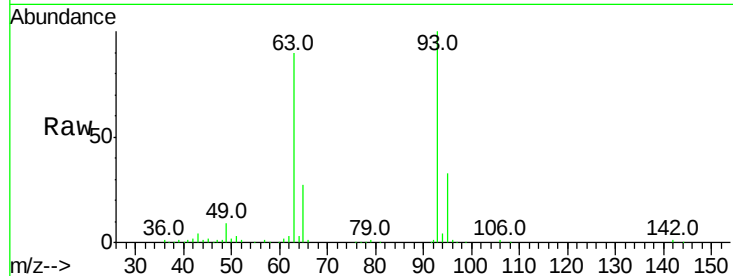
Tot Ion: 93 Resp: 350785

Ion Ratio Lower Upper

93 100

63 90.1 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.760 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

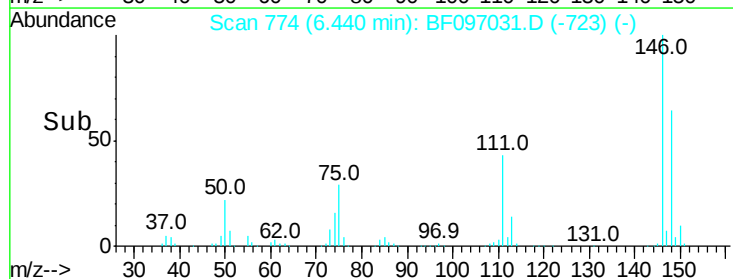
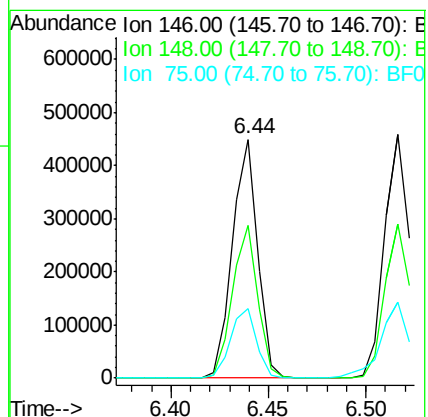
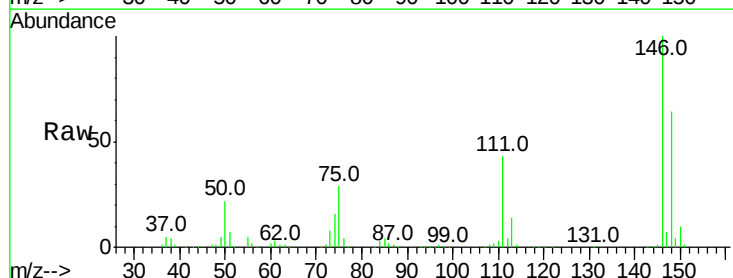
Tgt Ion: 146 Resp: 403106

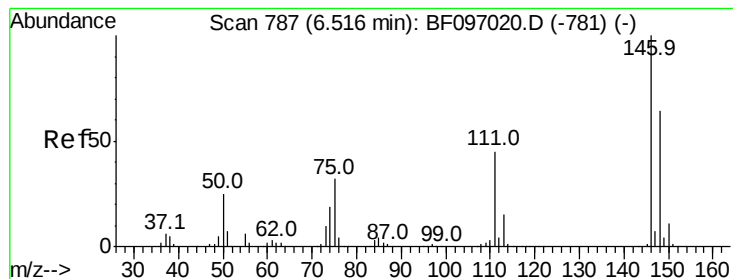
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 29.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.704 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampled :

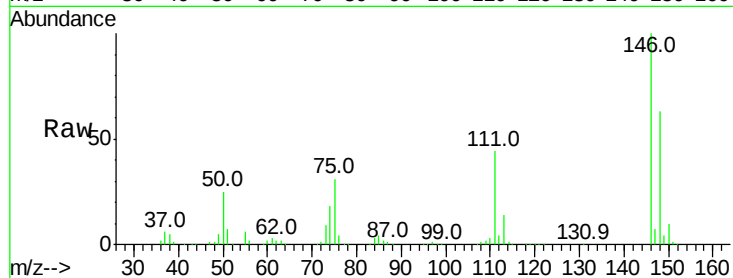
Tot Ion:146 Resp: 409471

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

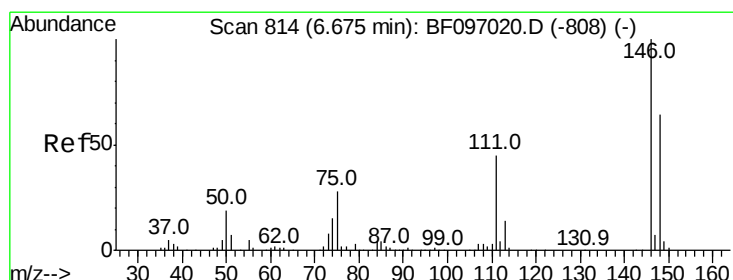
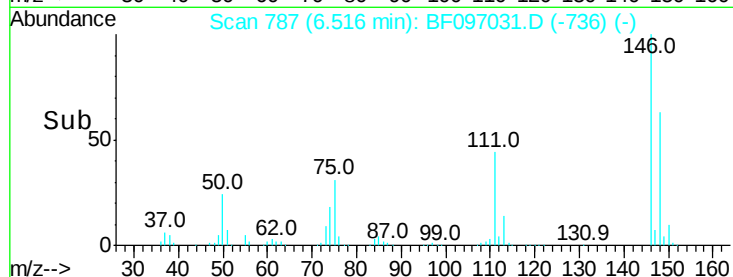
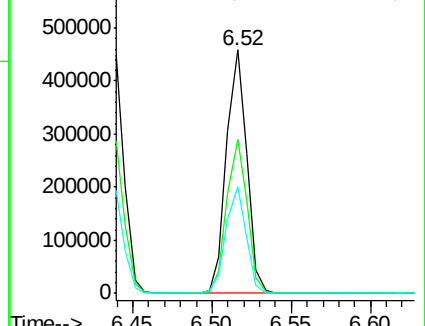
111 43.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.697 ng

RT: 6.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

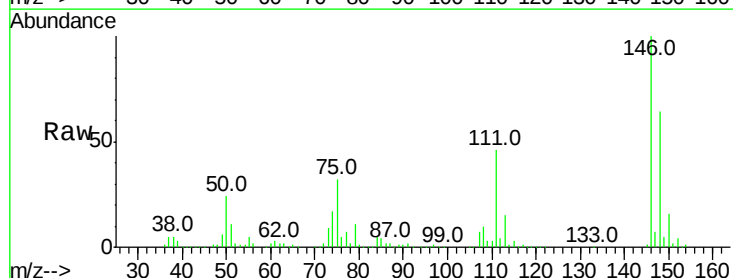
Tgt Ion:146 Resp: 329747

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

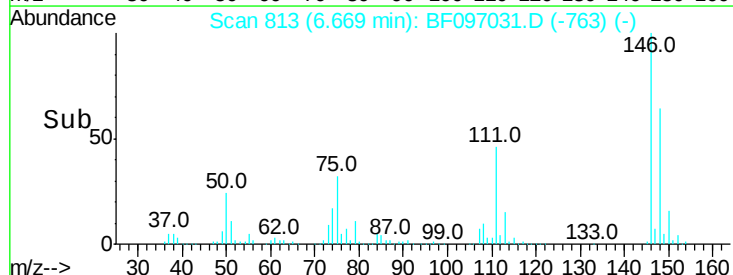
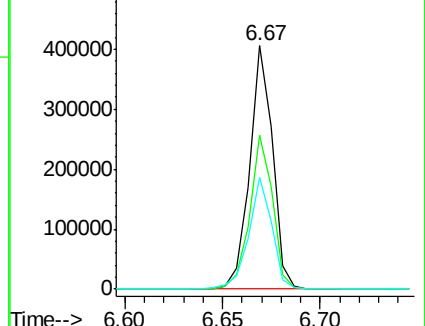
111 45.8 38.2 57.4

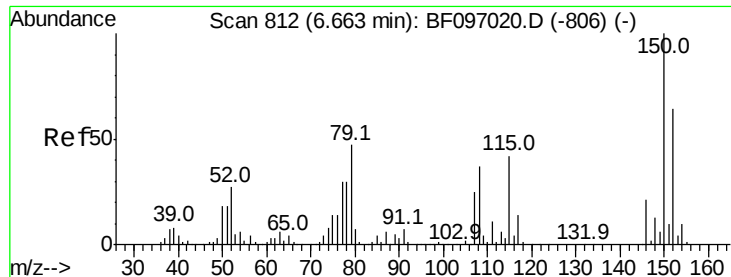


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

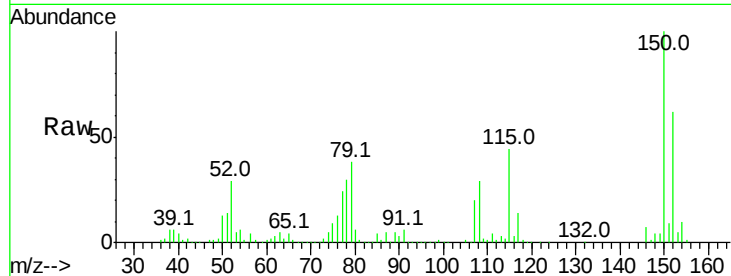




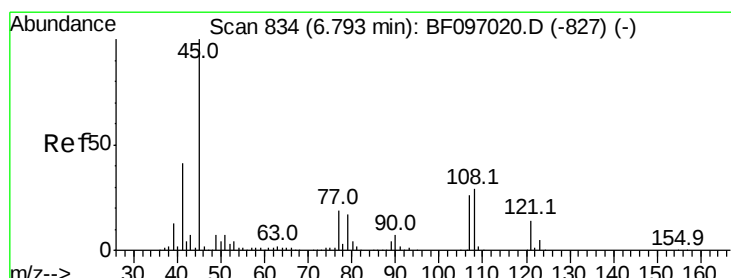
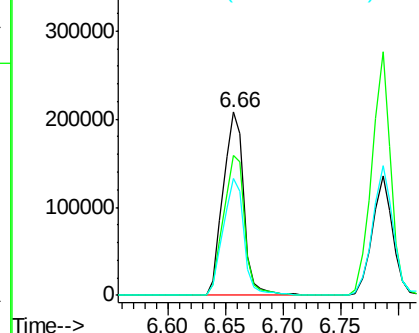
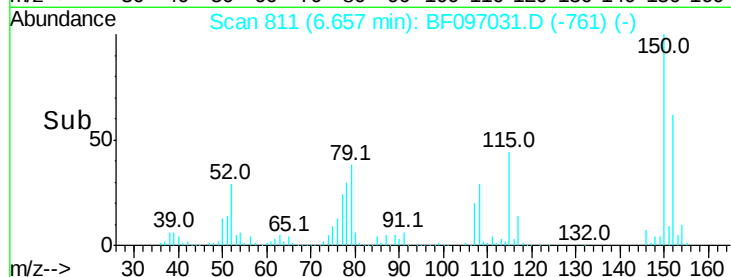
#15
Benzyl Alcohol
Concen: 38.907 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 260527
Ion Ratio Lower Upper
79 100
108 76.8 63.4 95.0
77 64.0 49.2 73.8

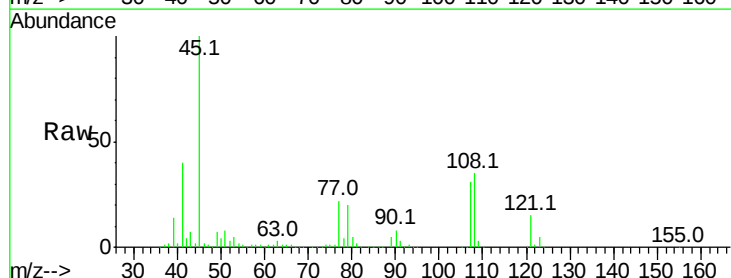


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

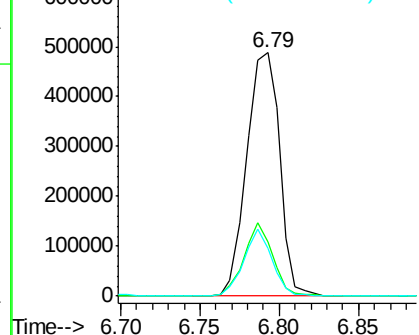
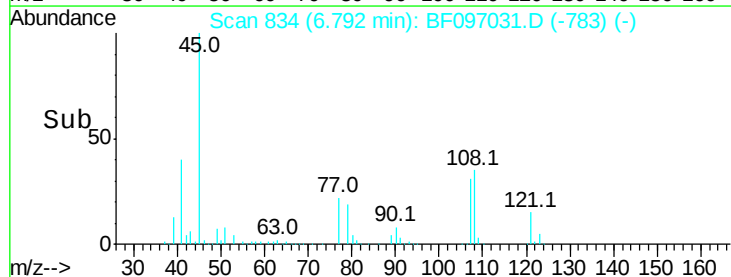


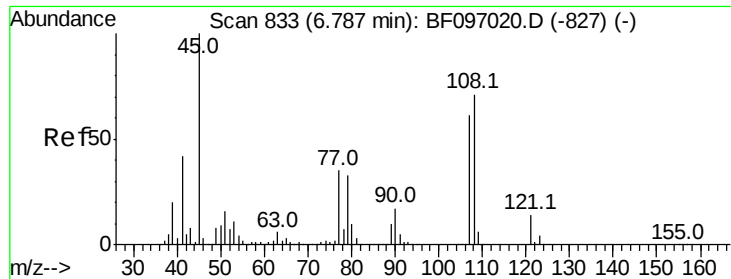
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.399 ng
RT: 6.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion: 45 Resp: 704459
Ion Ratio Lower Upper
45 100
77 22.3 0.0 33.2
79 19.6 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

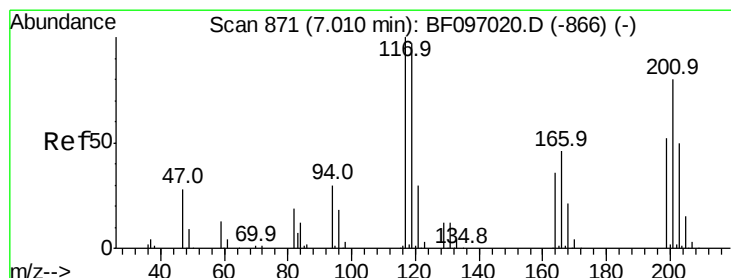
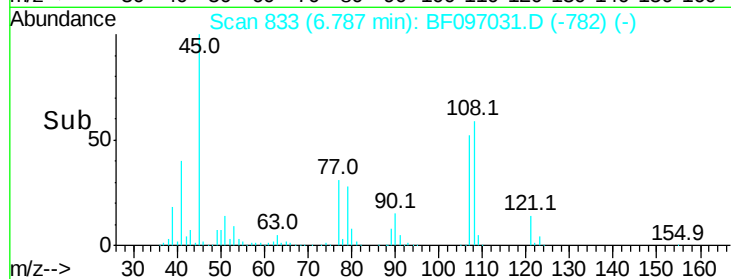
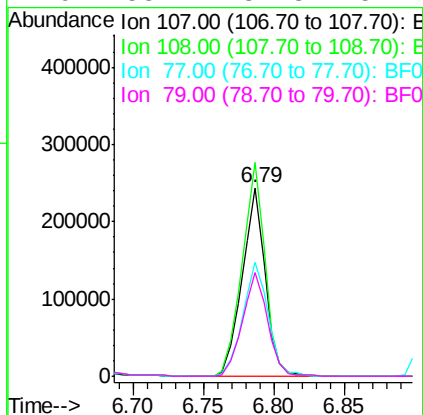
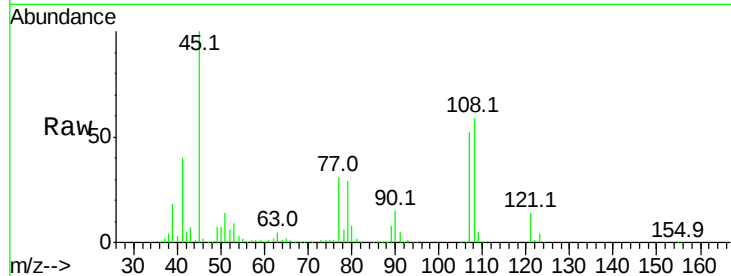




#17
2-Methylphenol
Concen: 36.530 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

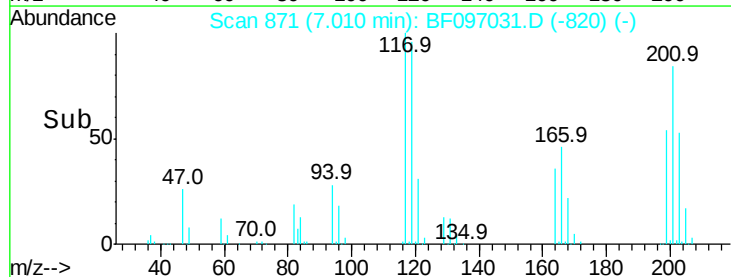
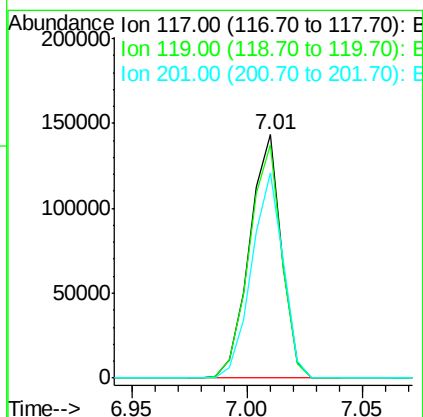
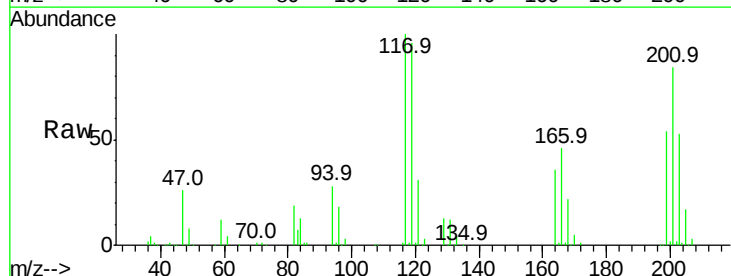
Instrument :
BNA_F
ClientSampleId :

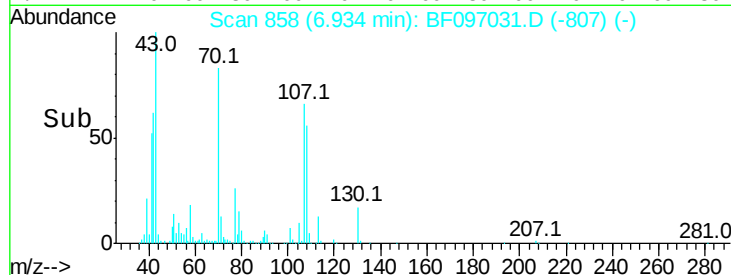
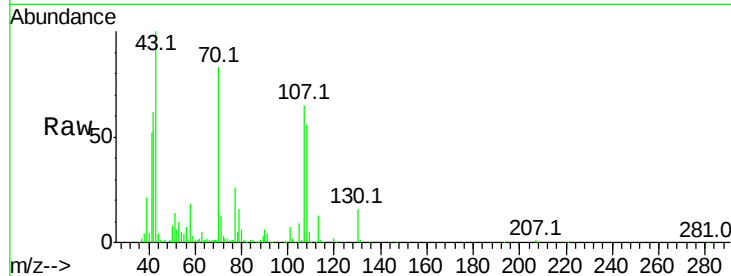
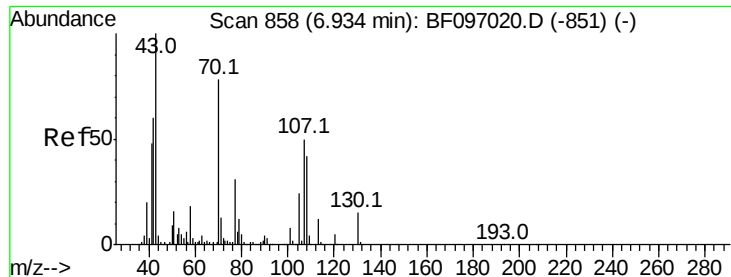
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	60.1	35.8	53.6#
79	55.4	34.8	52.2#



#18
Hexachloroethane
Concen: 35.937 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	84.3	94.6	141.8#

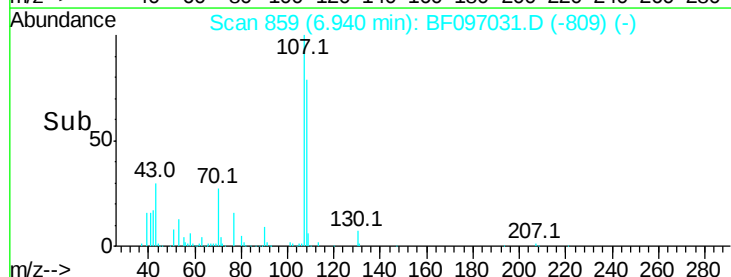
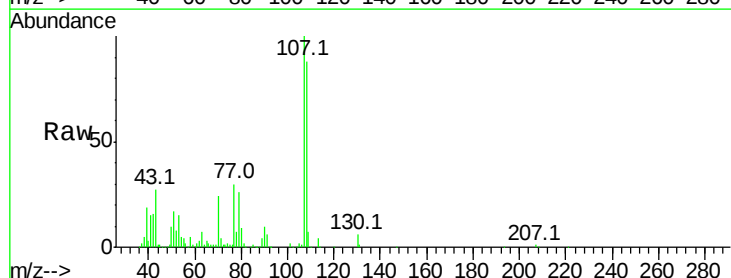
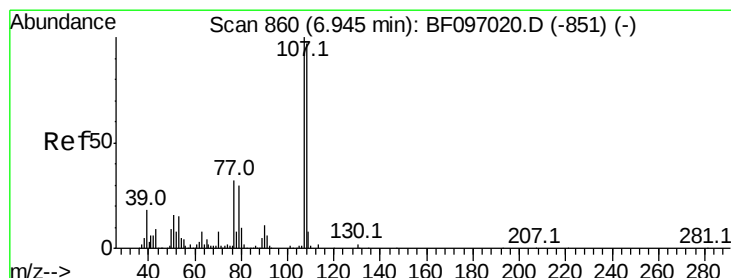
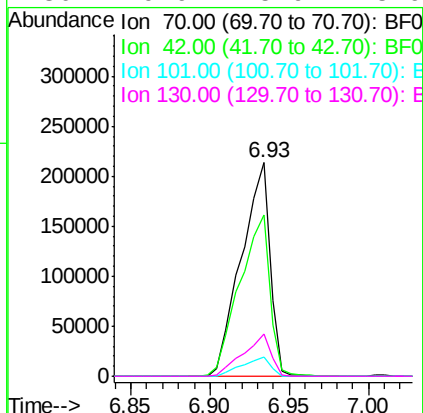




#19
n-Nitroso-di-n-propylamine
Concen: 38.450 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

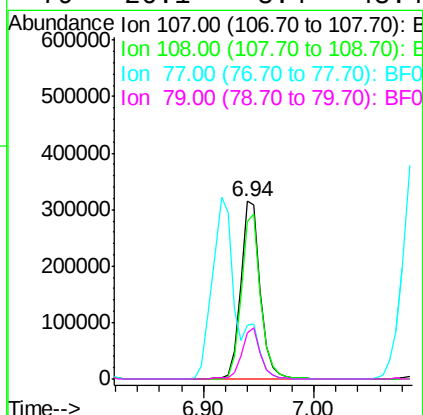
Instrument :
BNA_F
ClientSampleId :

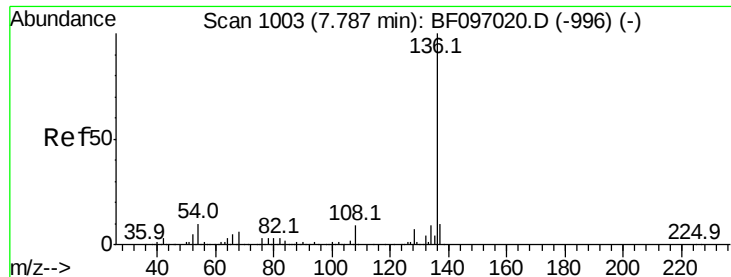
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.5	47.2	70.8#
101	9.0	7.2	10.8
130	19.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.204 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	30.2	90.5	130.5#
79	26.1	8.4	48.4

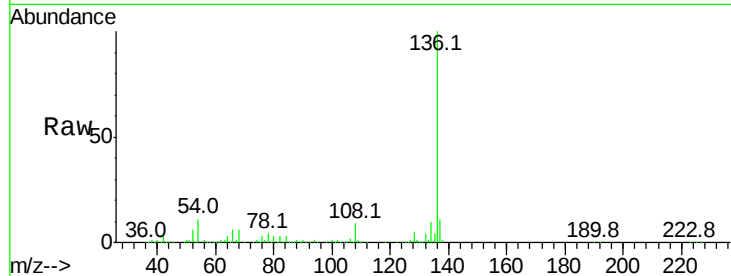




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	612266
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	11.3	4.9 7.3#
68	6.5	4.1 6.1#



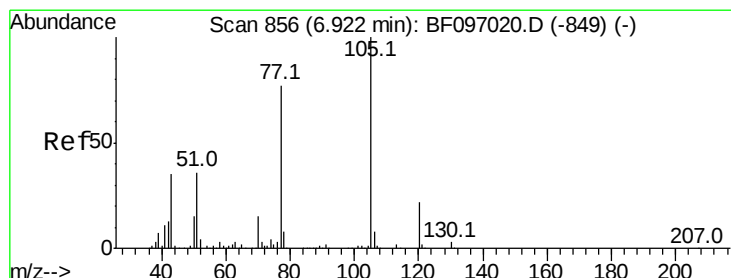
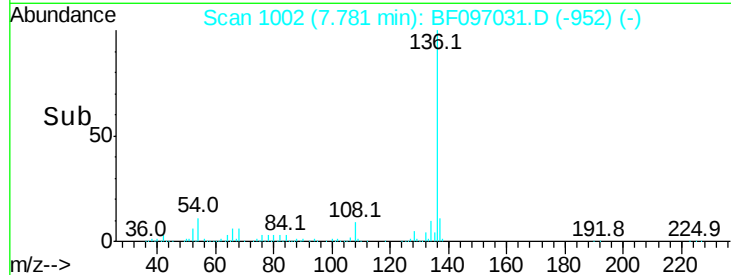
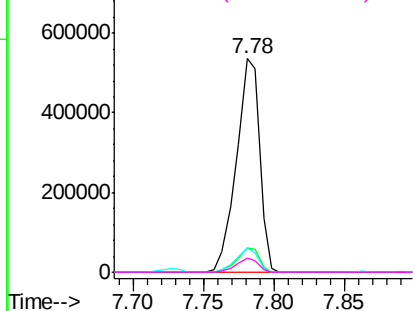
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

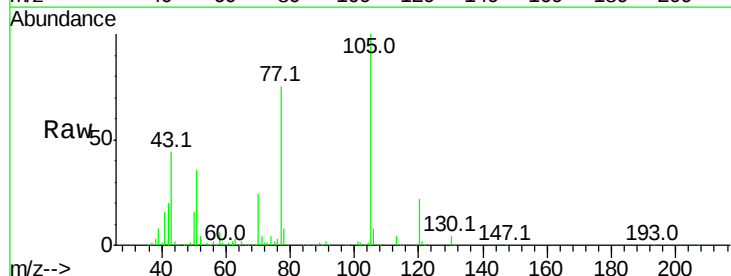
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 35.932 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:105	Resp:	528315
Ion Ratio	Lower	Upper
105	100	
71	3.6	2.8 4.2
51	35.9	30.7 46.1
120	21.7	17.4 26.0



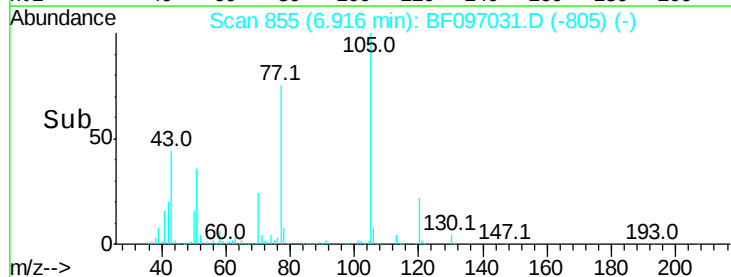
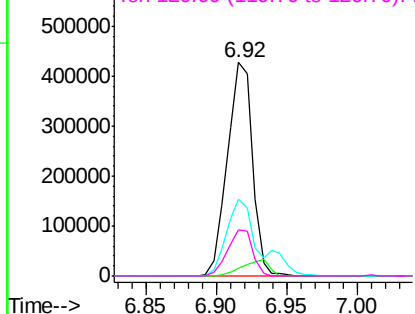
Abundance

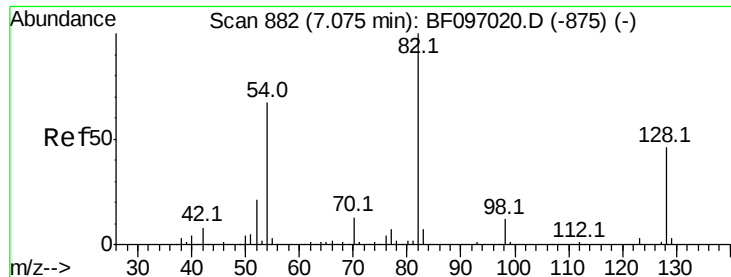
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.503 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

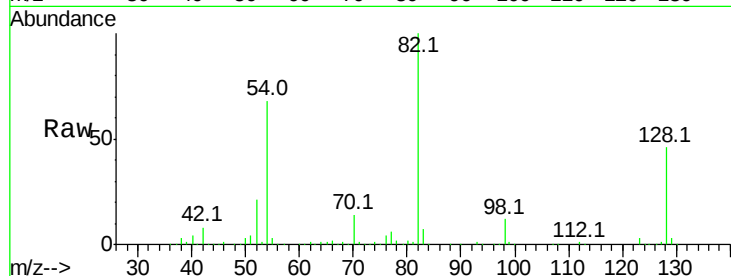
Tot Ion: 82 Resp: 746262

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

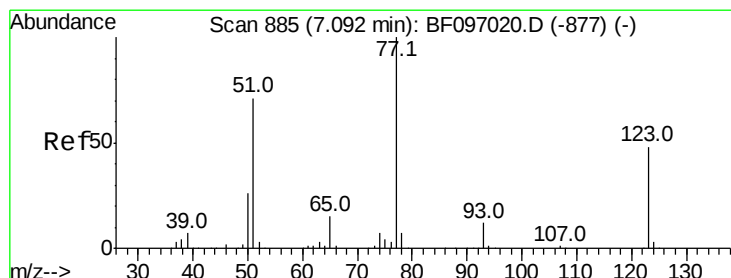
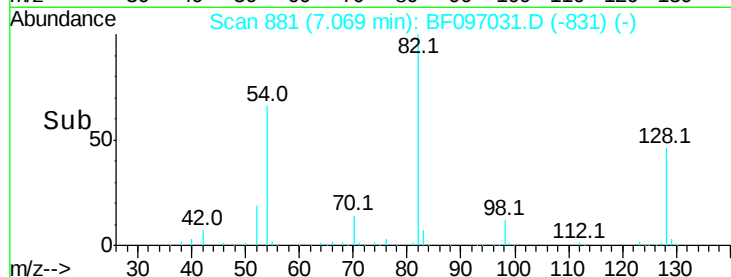
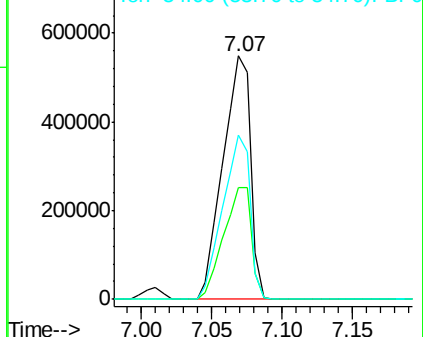
54 67.6 42.2 63.2#



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: 33.811 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

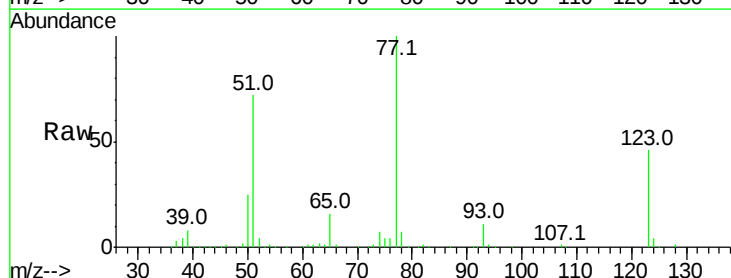
Tgt Ion: 77 Resp: 367521

Ion Ratio Lower Upper

77 100

123 46.2 35.8 53.8

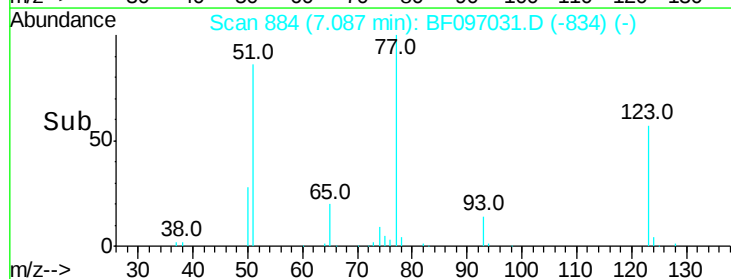
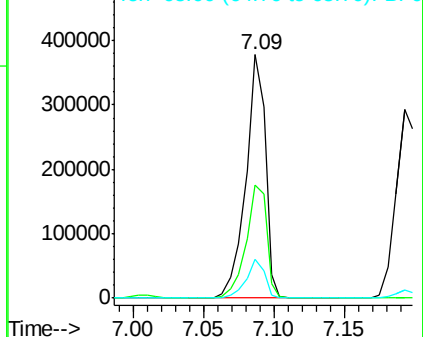
65 15.8 10.6 15.8



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: 38.658 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

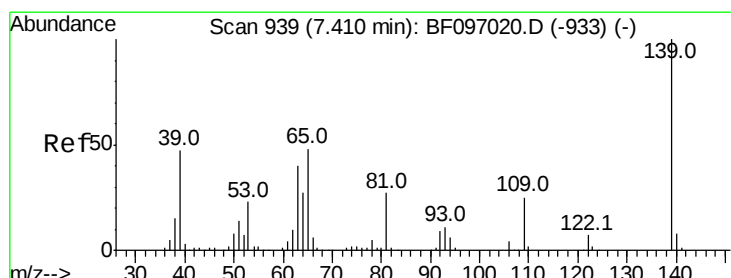
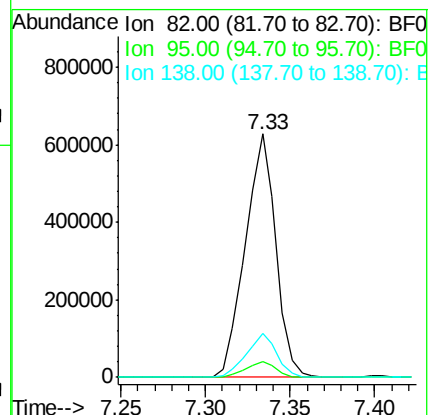
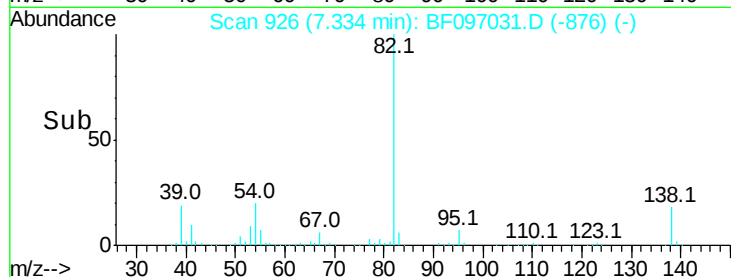
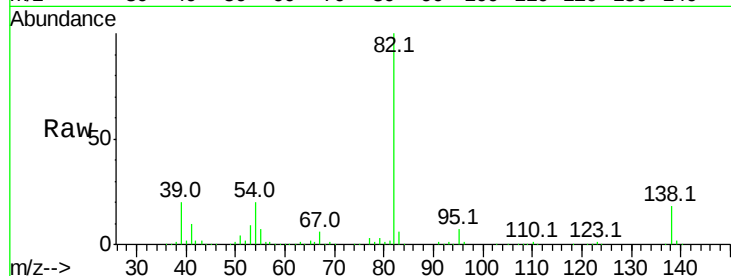
Tot Ion: 82 Resp: 790144

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 39.056 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

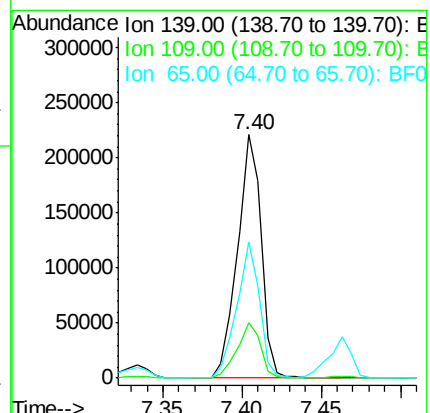
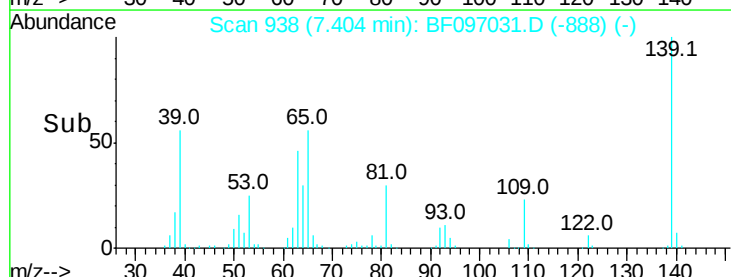
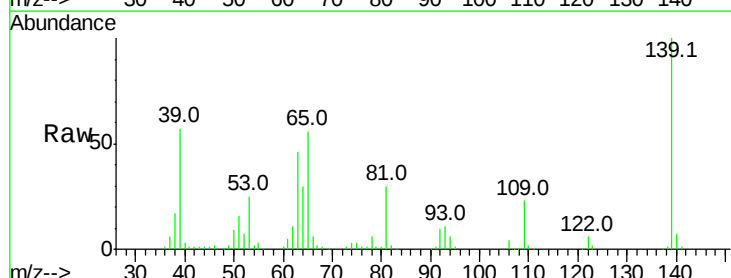
Tgt Ion:139 Resp: 229680

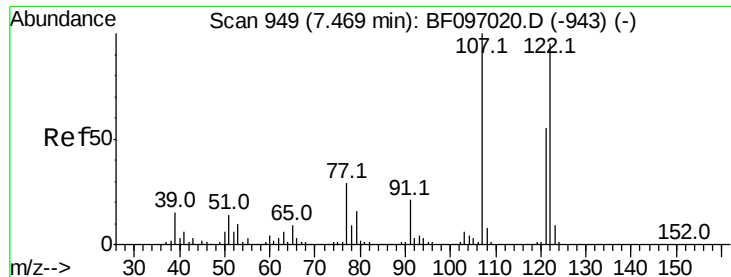
Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

65 55.7 33.0 49.6#

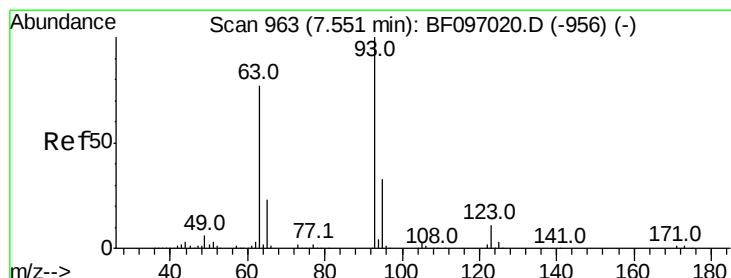
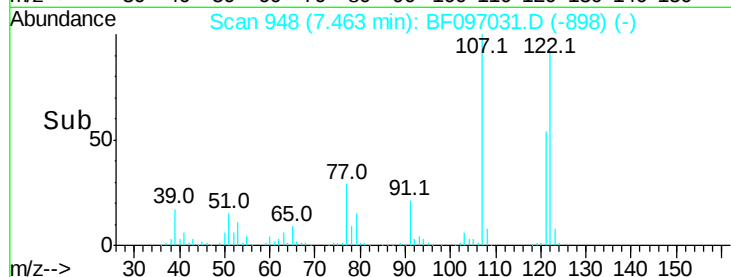
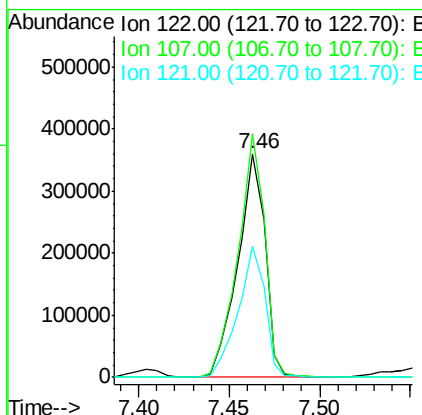
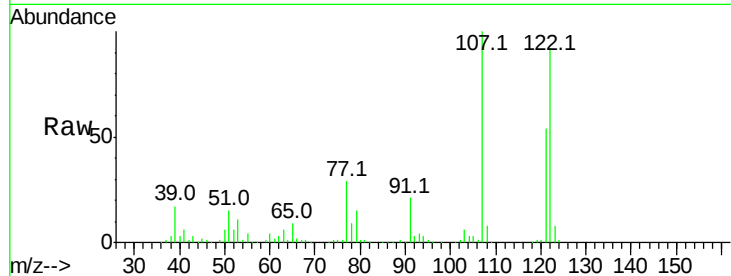




#27
 2,4-Dimethylphenol
 Concen: 38.995 ng
 RT: 7.46 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

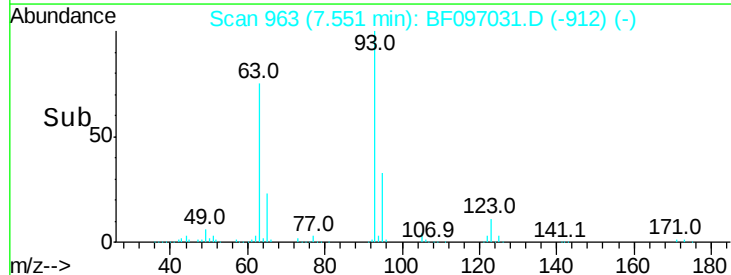
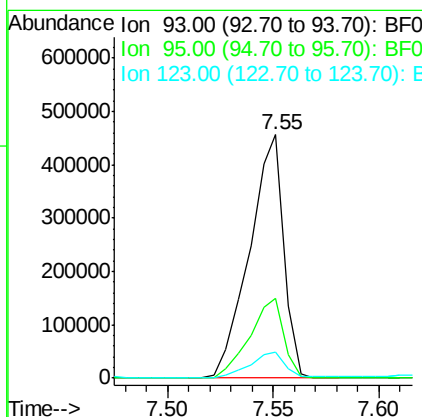
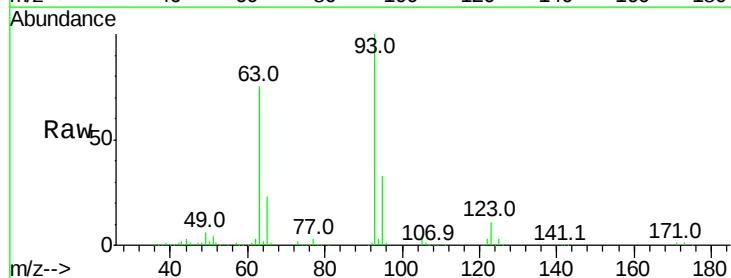
Instrument :
 BNA_F
 ClientSampled :

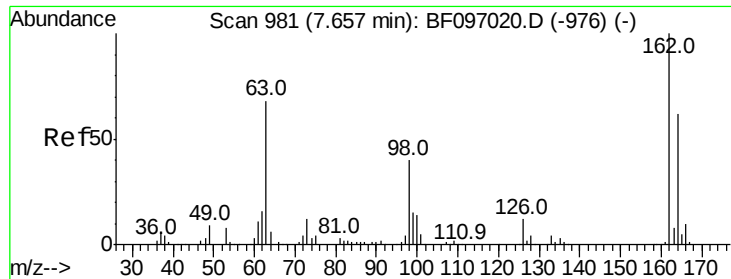
Tot Ion:122 Resp: 378284
 Ion Ratio Lower Upper
 122 100
 107 109.1 89.2 133.8
 121 58.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.633 ng
 RT: 7.55 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion: 93 Resp: 515297
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.7 9.0 13.4

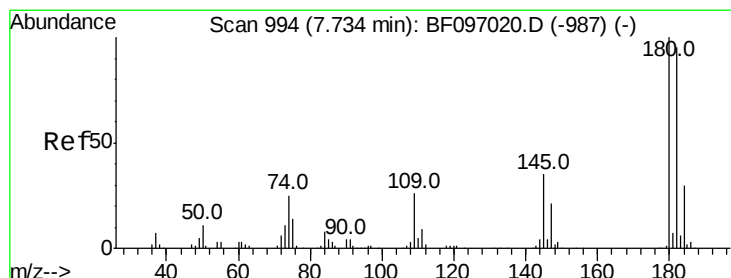
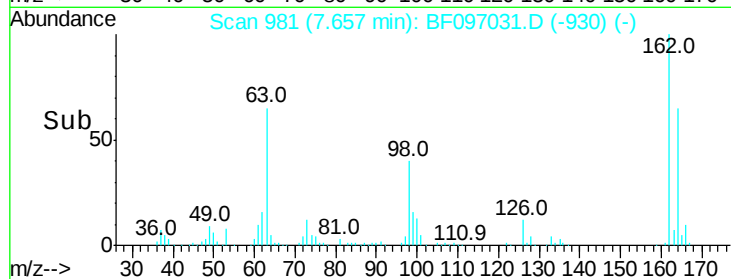
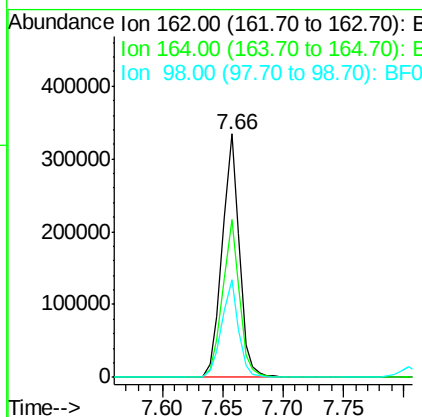
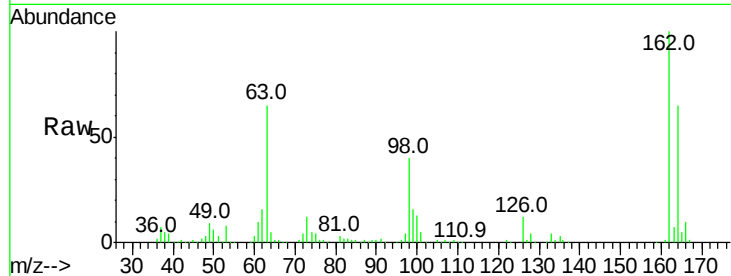




#29
 2,4-Dichlorophenol
 Concen: 39.193 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

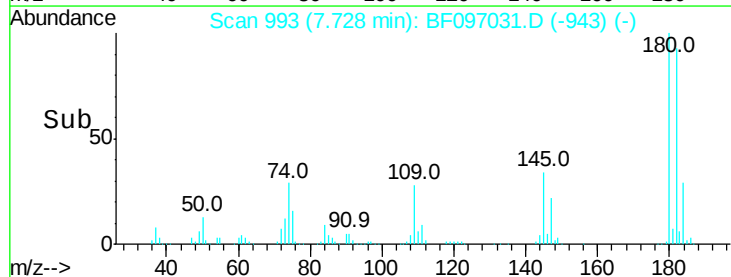
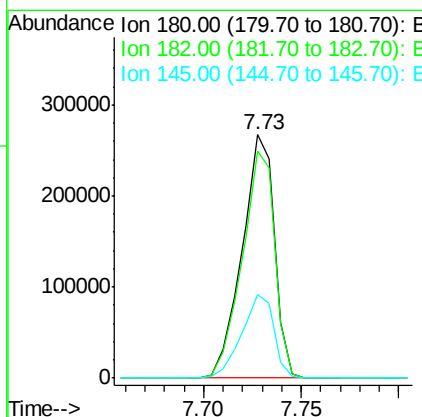
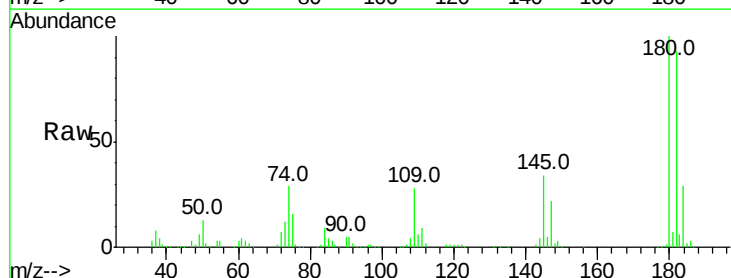
Instrument :
 BNA_F
 ClientSampled :

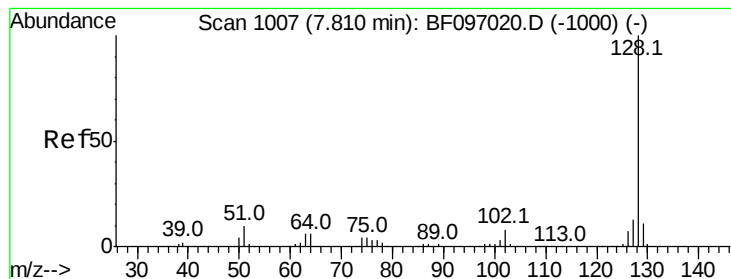
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	40.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.367 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	34.3	25.3	37.9





#31

Naphthalene

Concen: 38.574 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

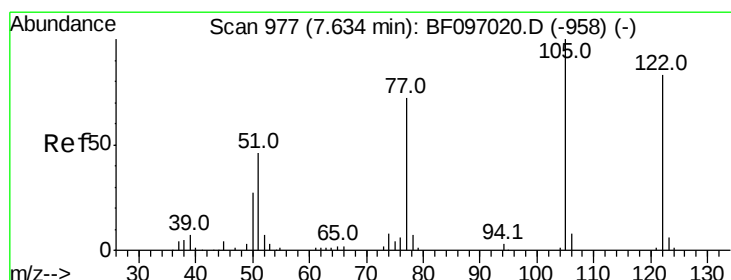
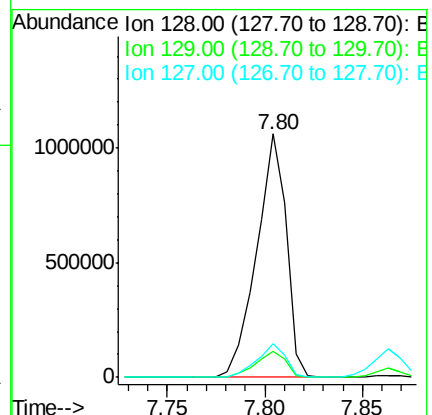
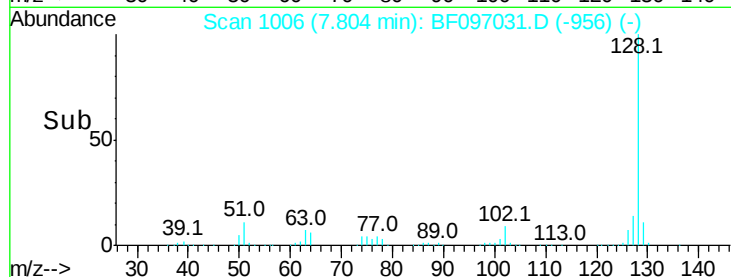
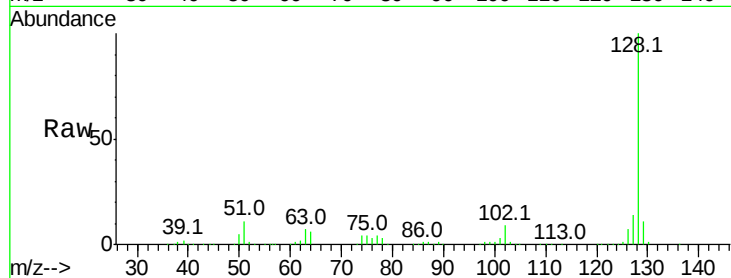
Tot Ion:128 Resp: 1113294

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 33.589 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

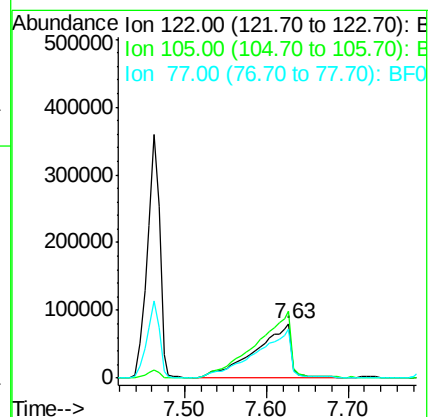
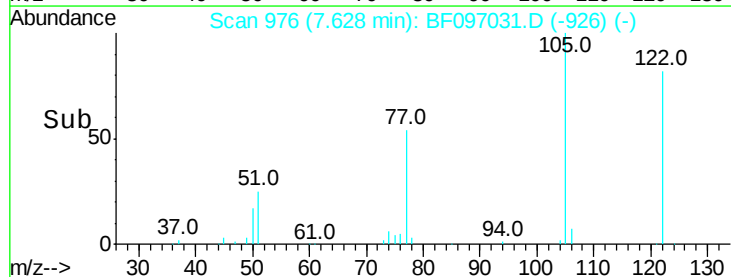
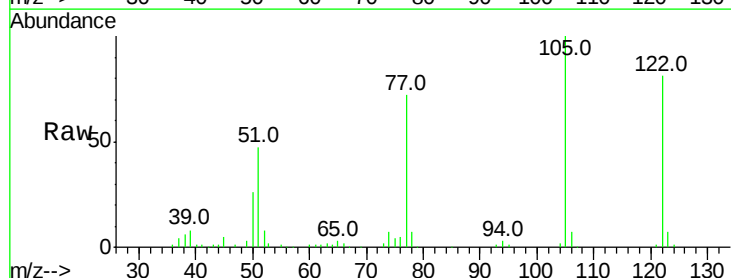
Tgt Ion:122 Resp: 243311

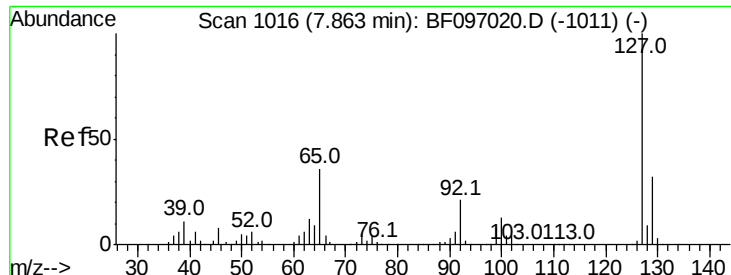
Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

77 89.4 73.7 113.7

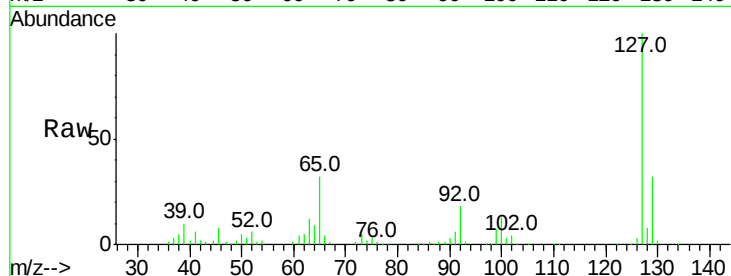




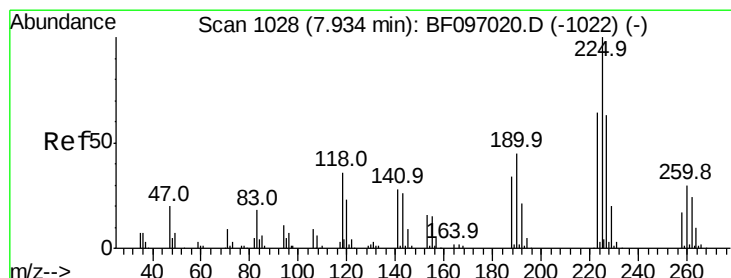
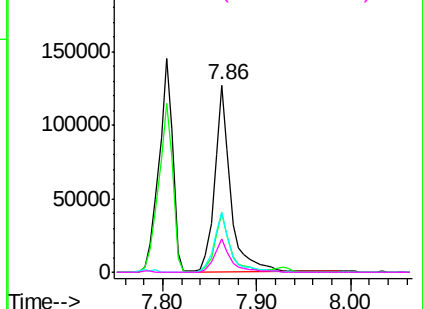
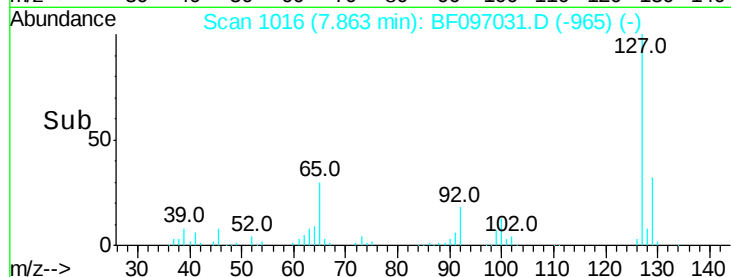
#33
4-Chloroaniline
Concen: 12.878 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151239
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	31.9	27.8	41.8
92	17.8	16.8	25.2

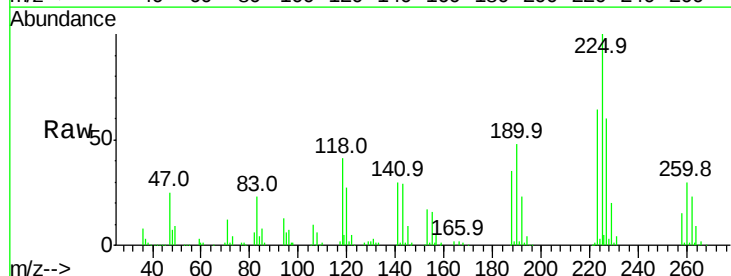


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

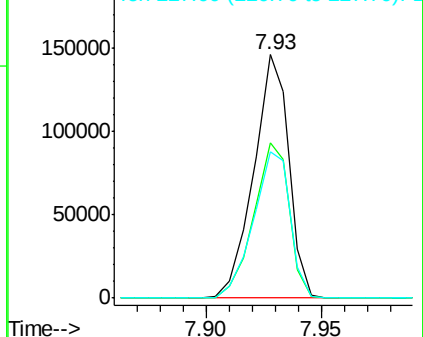
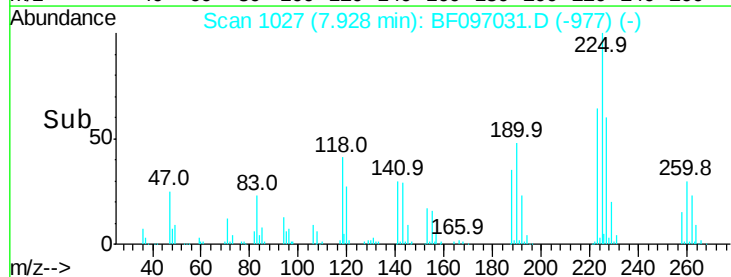


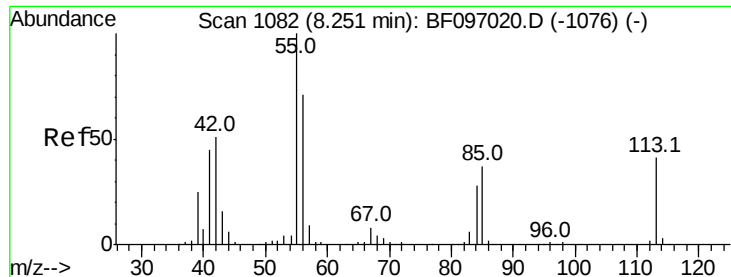
#34
Hexachlorobutadiene
Concen: 36.578 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:	225	Resp:	154469
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	60.1	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

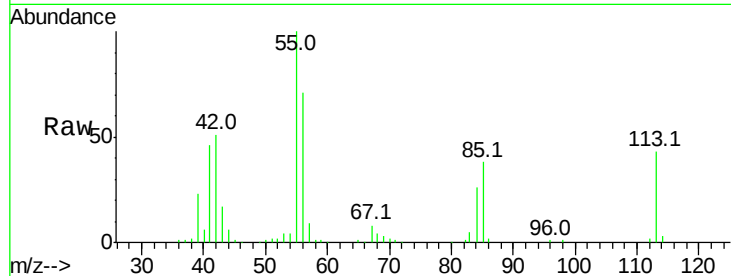




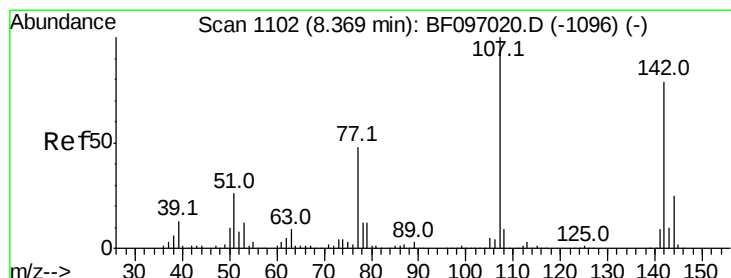
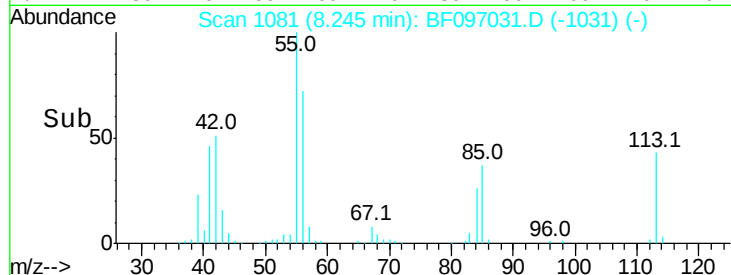
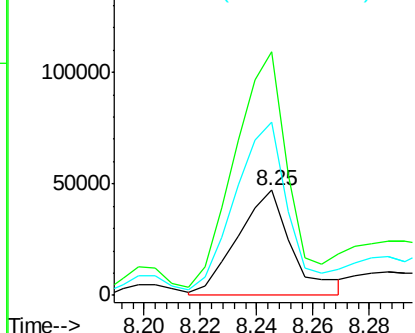
#35
 Caprolactam
 Concen: 23.573 ng
 RT: 8.25 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 63169
 Ion Ratio Lower Upper
 113 100
 55 231.8 150.2 190.2#
 56 165.4 107.8 147.8#

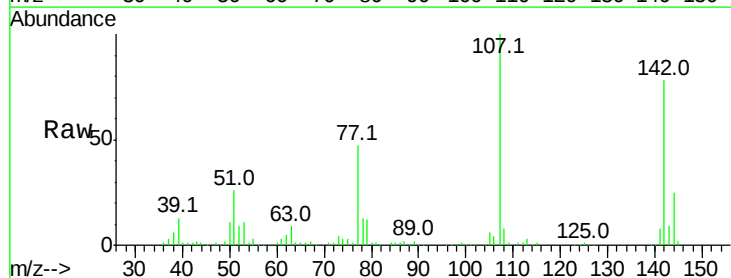


Abundance Ion 113.00 (112.70 to 113.70): E
 150000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

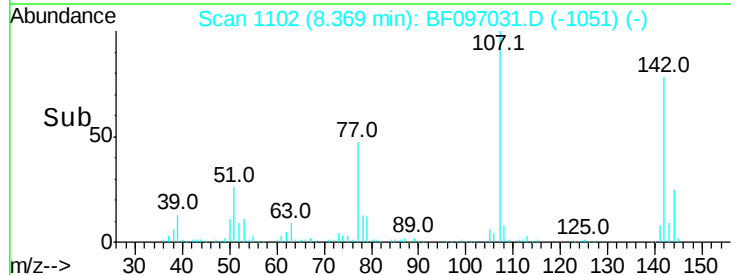
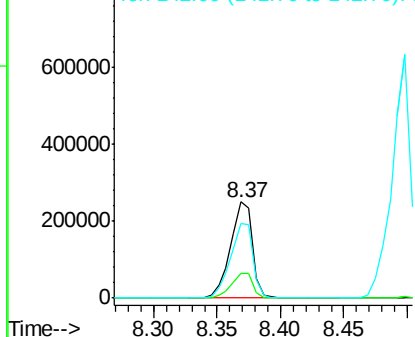


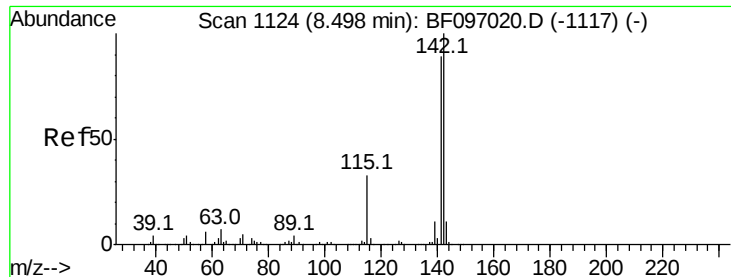
#36
 4-Chloro-3-methylphenol
 Concen: 32.601 ng
 RT: 8.37 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:107 Resp: 297230
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 77.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 800000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

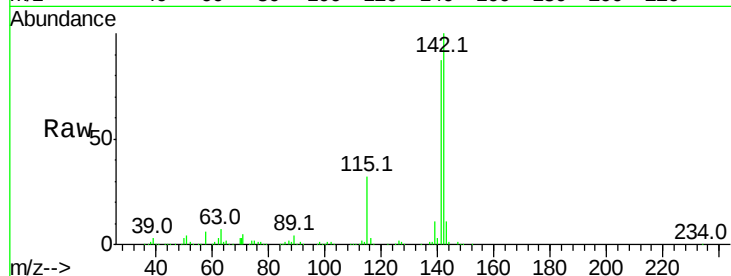




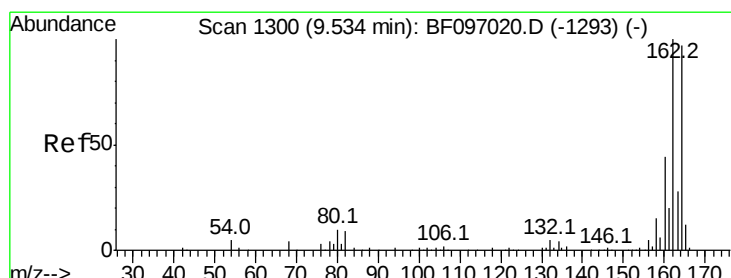
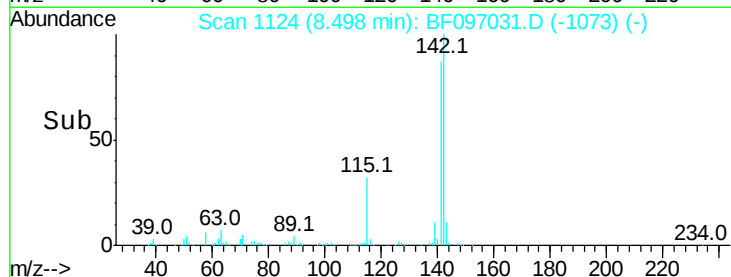
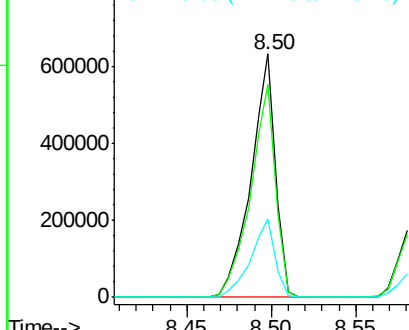
#37
 2-Methylnaphthalene
 Concen: 35.145 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 642233
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.3 106.9
 115 32.3 27.1 40.7

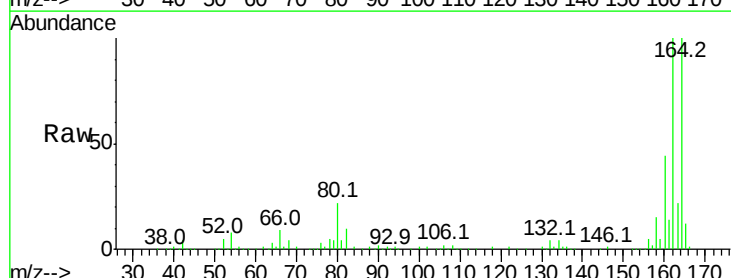


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

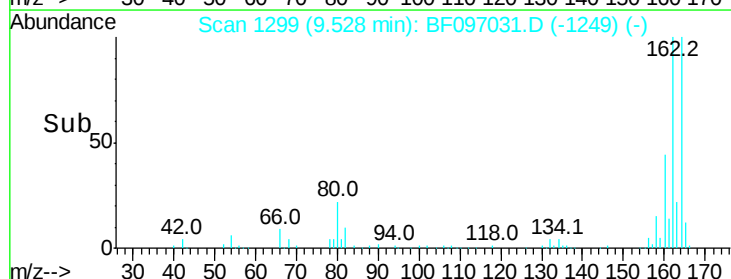
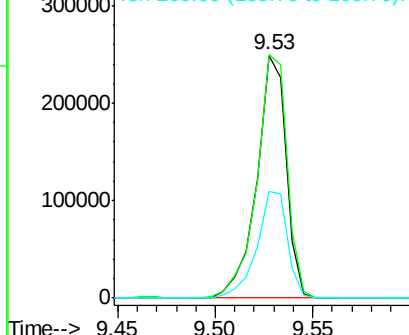


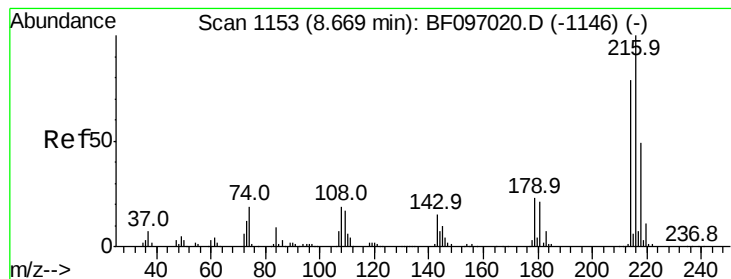
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:164 Resp: 259960
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 44.2 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.085 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 222553

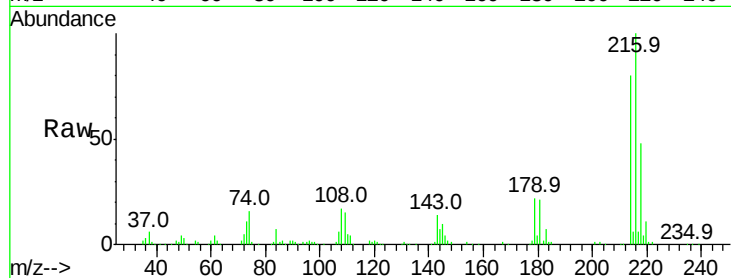
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.6 17.9 26.9

108 22.5 16.5 24.7

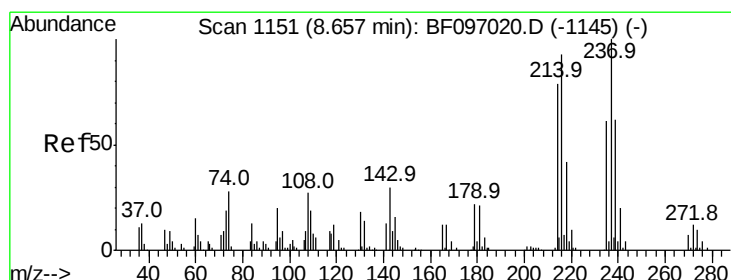
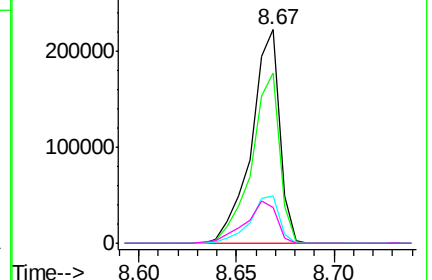
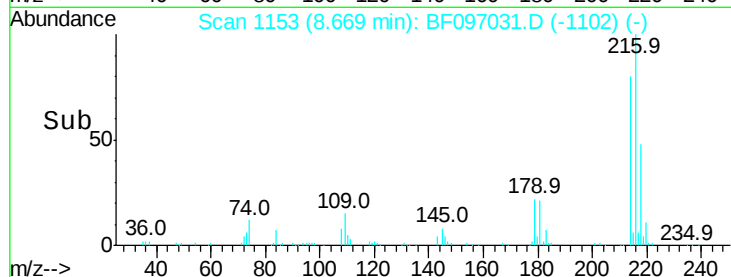


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.969 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

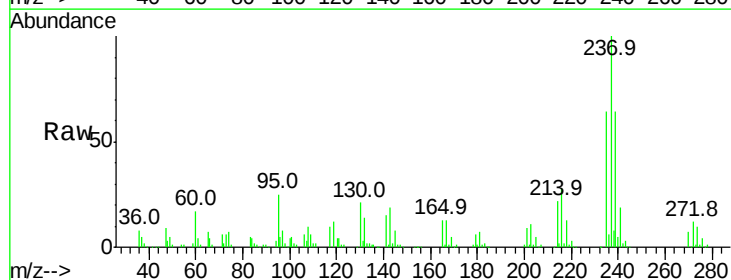
Tgt Ion:237 Resp: 186034

Ion Ratio Lower Upper

237 100

235 64.0 42.6 82.6

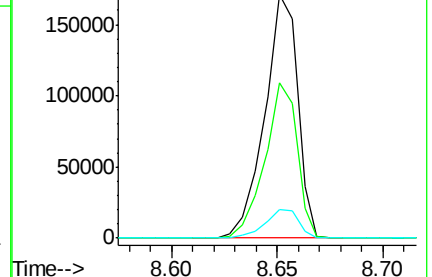
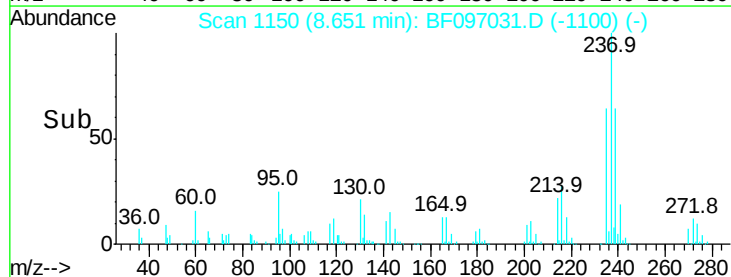
272 11.7 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

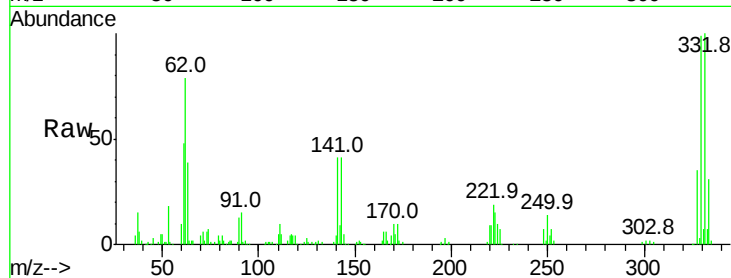




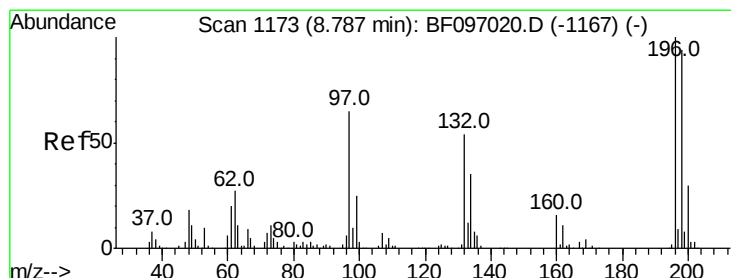
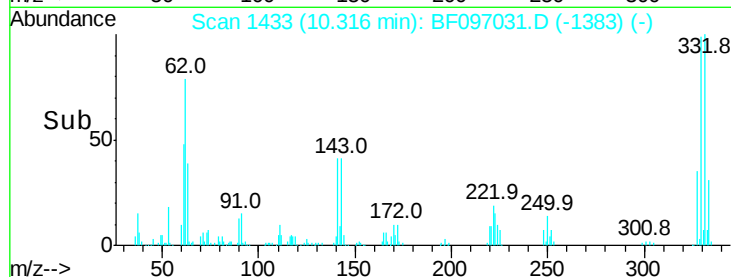
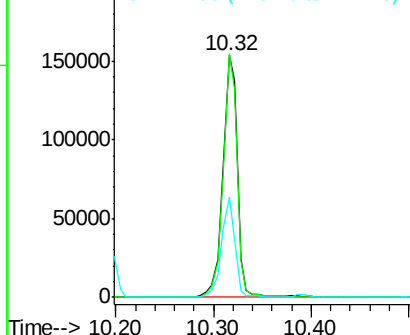
#41
 2,4,6-Tribromophenol
 Concen: 77.510 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159200
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.4 31.4 47.2

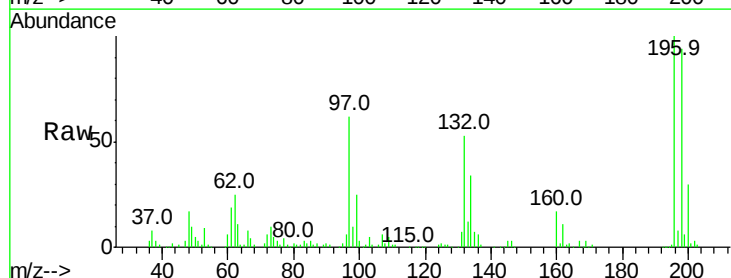


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

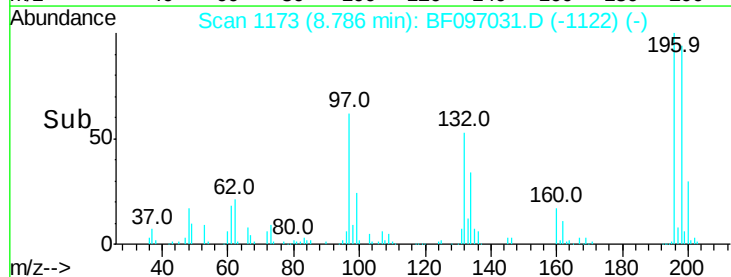
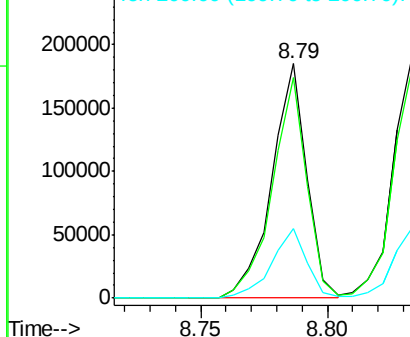


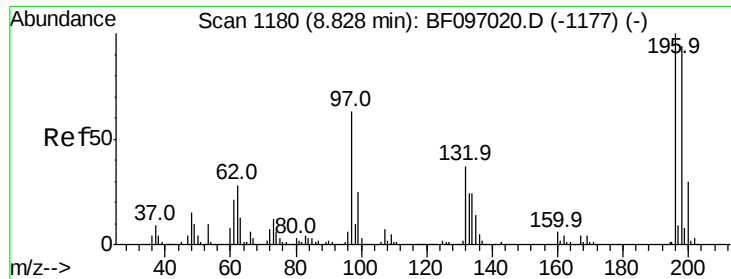
#42
 2,4,6-Trichlorophenol
 Concen: 35.482 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:196 Resp: 178353
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.4
 200 29.7 24.0 36.0



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

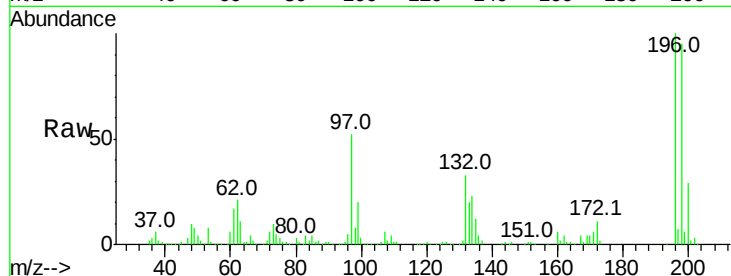




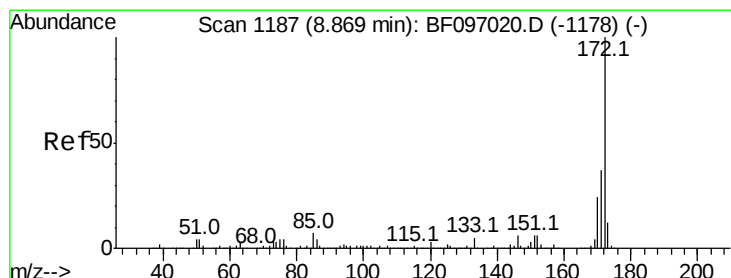
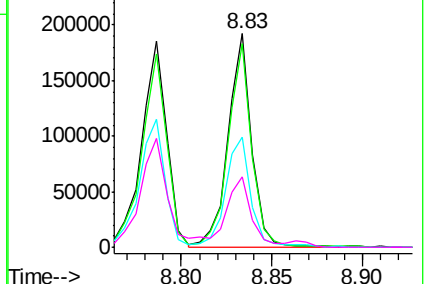
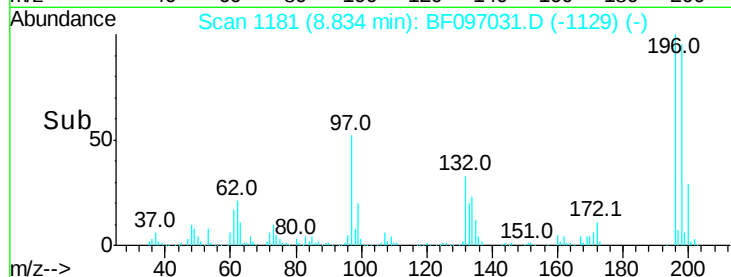
#43
 2,4,5-Trichlorophenol
 Concen: 34.254 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
97	51.6	47.7	71.5
132	33.1	28.0	42.0

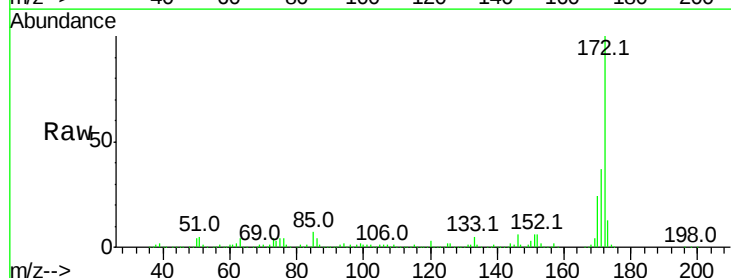


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

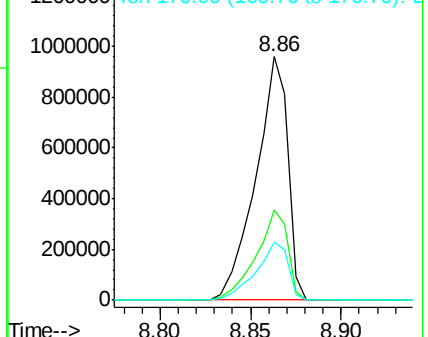
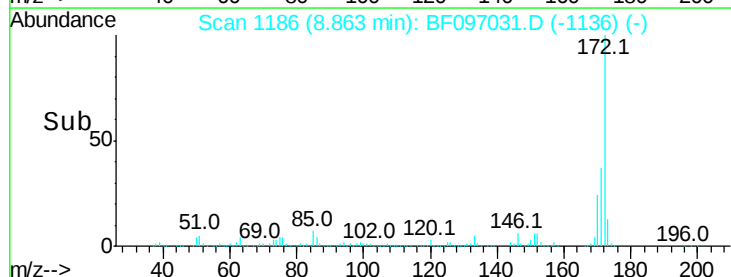


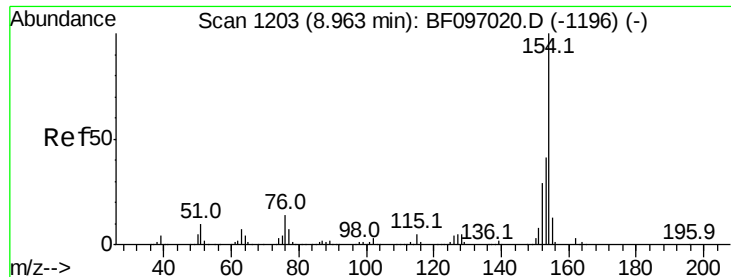
#44
 2-Fluorobiphenyl
 Concen: 76.595 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.0	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 33.854 ng

RT: 8.96 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

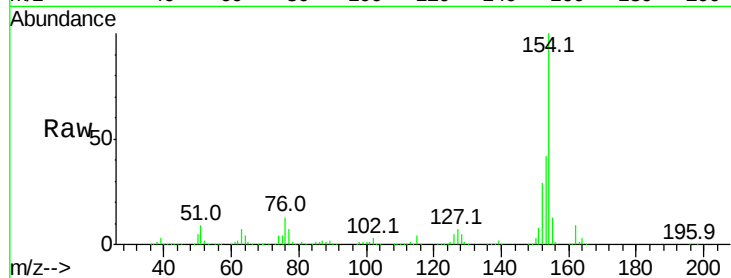
Tot Ion:154 Resp: 751705

Ion Ratio Lower Upper

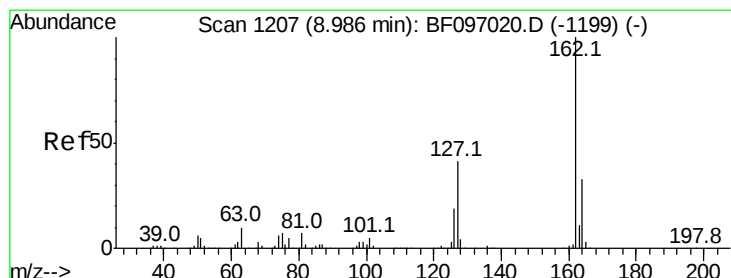
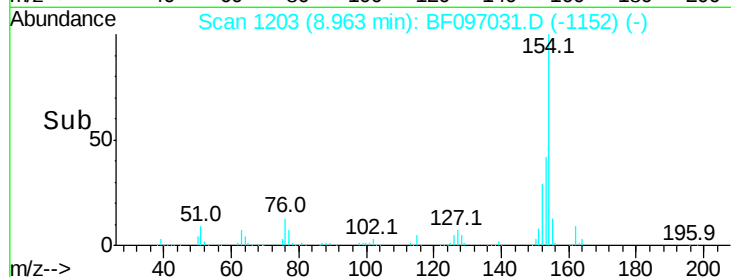
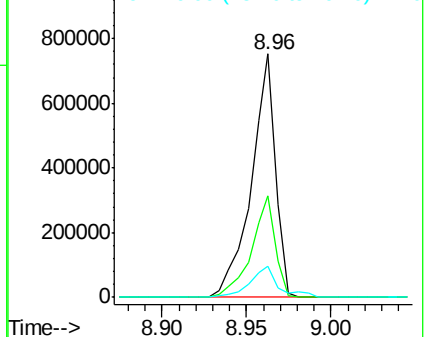
154 100

153 41.7 21.2 61.2

76 12.8 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 34.958 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

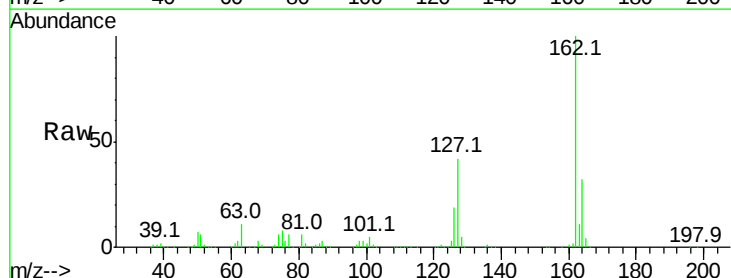
Tgt Ion:162 Resp: 571210

Ion Ratio Lower Upper

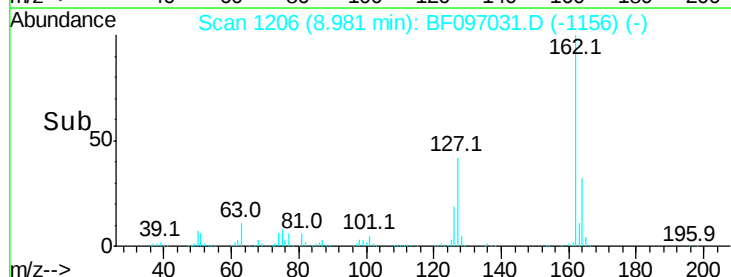
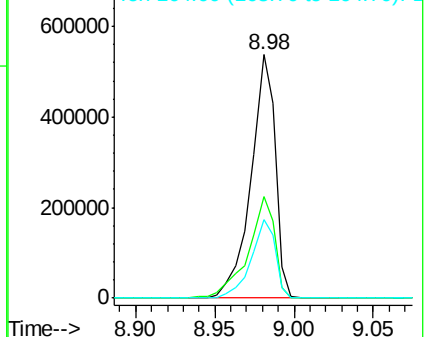
162 100

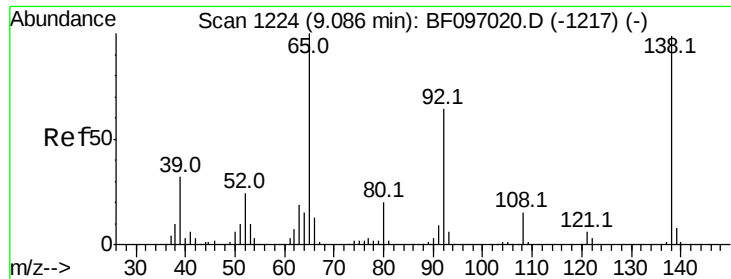
127 41.6 28.3 42.5

164 32.5 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

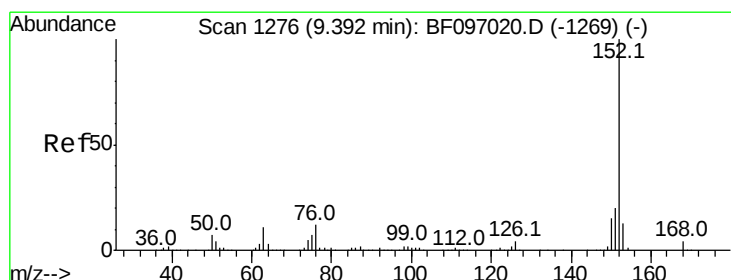
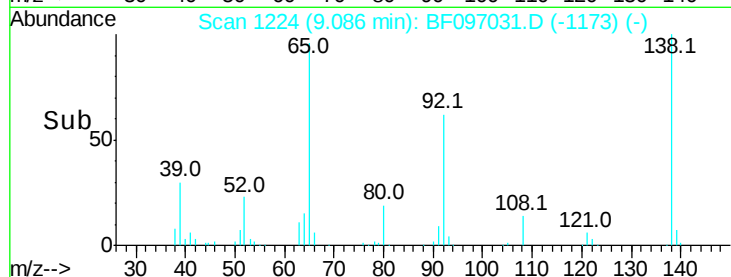
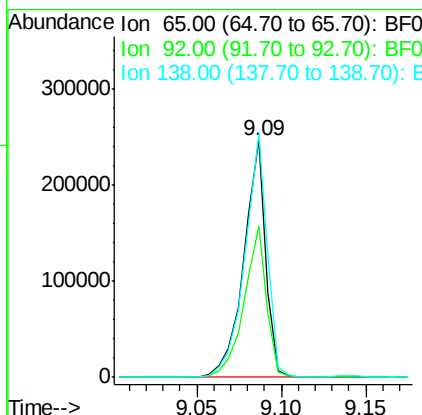
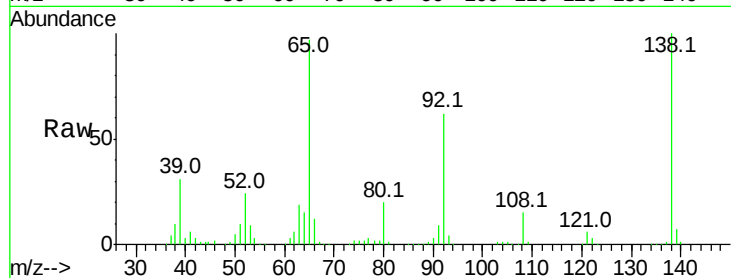




#47
2-Nitroaniline
Concen: 37.798 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

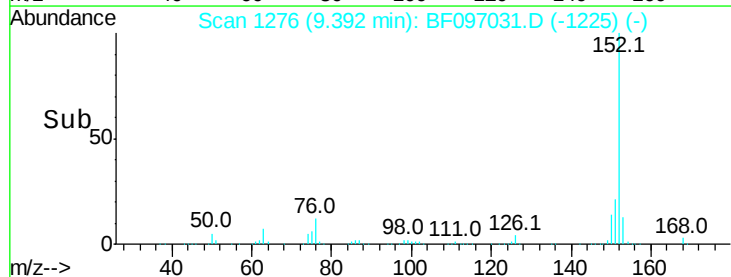
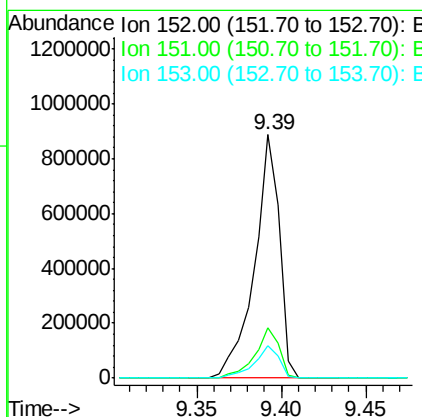
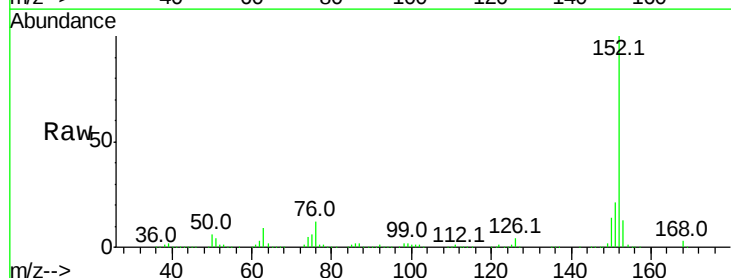
Instrument :
BNA_F
ClientSampleId :

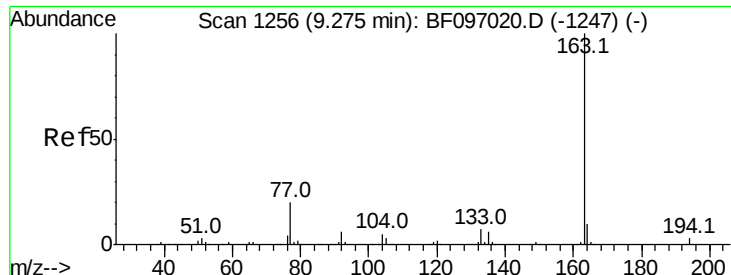
Tot Ion: 65 Resp: 224141
Ion Ratio Lower Upper
65 100
92 64.0 53.9 80.9
138 102.9 78.8 118.2



#48
Acenaphthylene
Concen: 36.518 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion: 152 Resp: 915874
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.2 10.8 16.2

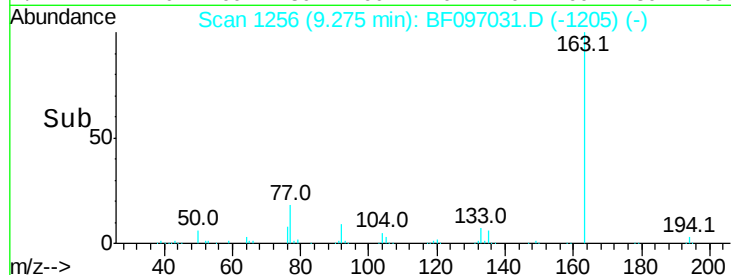
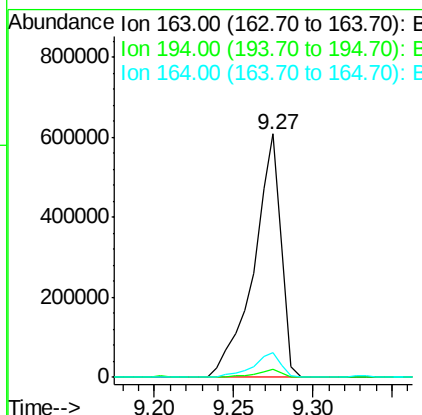
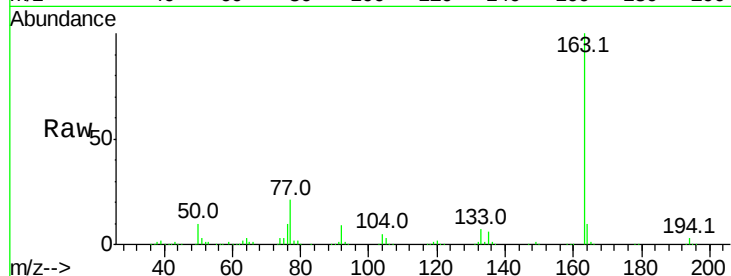




#49
Dimethylphthalate
Concen: 36.861 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

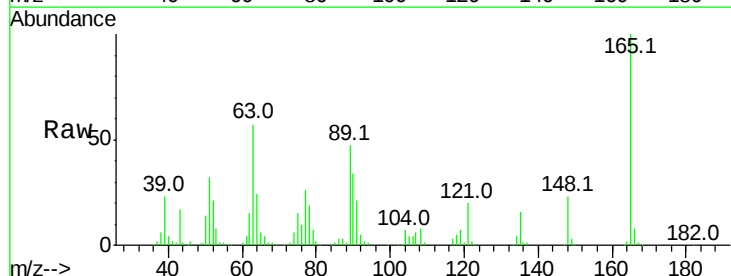
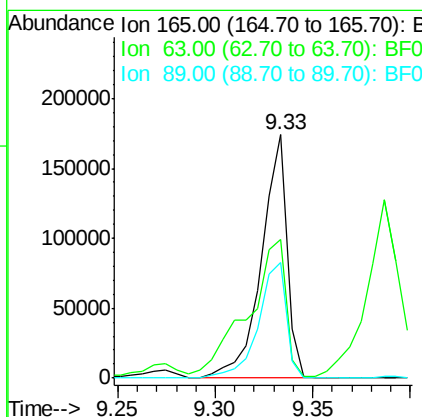
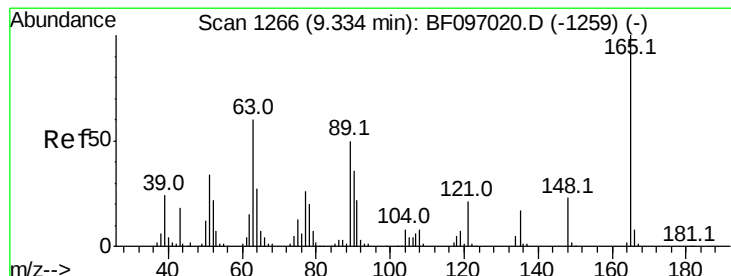
Instrument :
BNA_F
ClientSampleId :

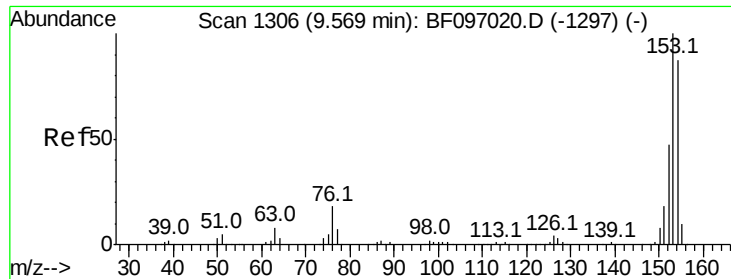
Tot Ion:163 Resp: 727675
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 37.793 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:165 Resp: 158237
Ion Ratio Lower Upper
165 100
63 57.2 34.3 51.5#
89 47.5 37.1 55.7





#51

Acenaphthene

Concen: 36.206 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

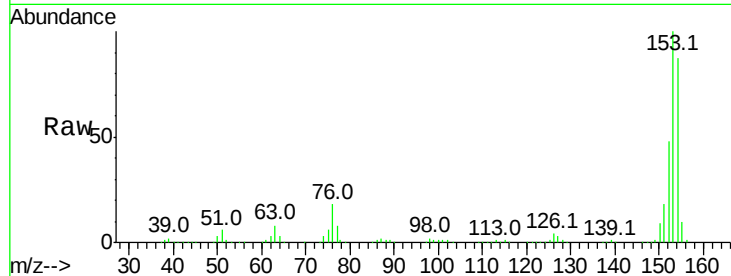
Tot Ion:154 Resp: 534874

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

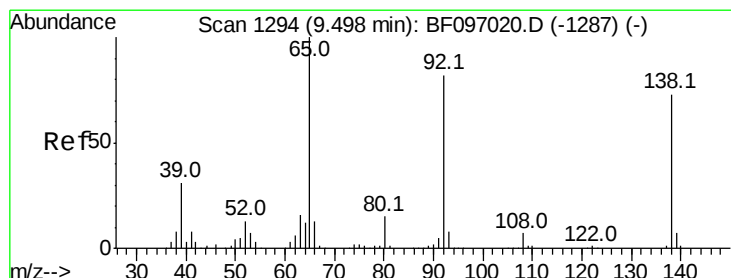
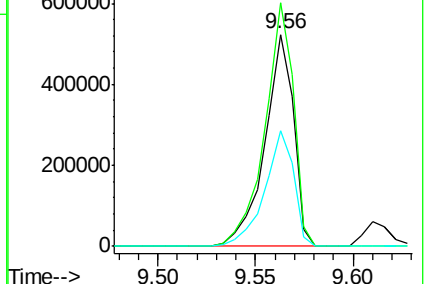
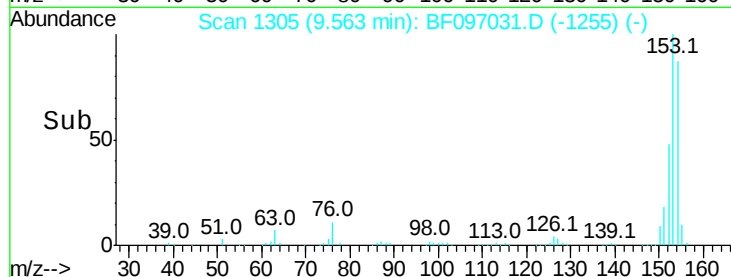
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.885 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

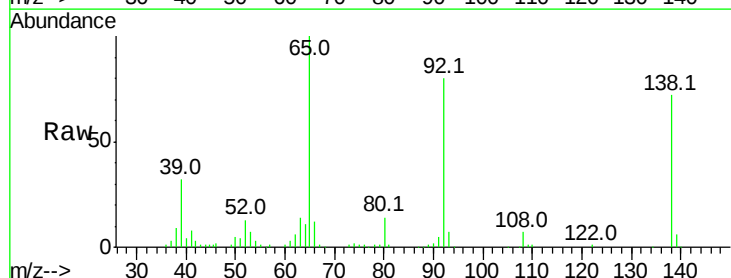
Tgt Ion:138 Resp: 92950

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

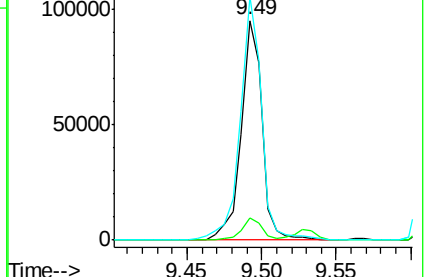
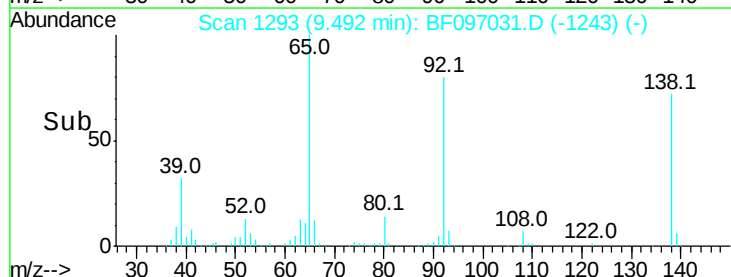
92 110.9 93.8 140.6



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

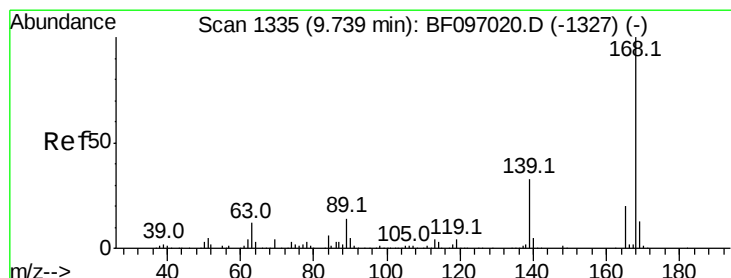
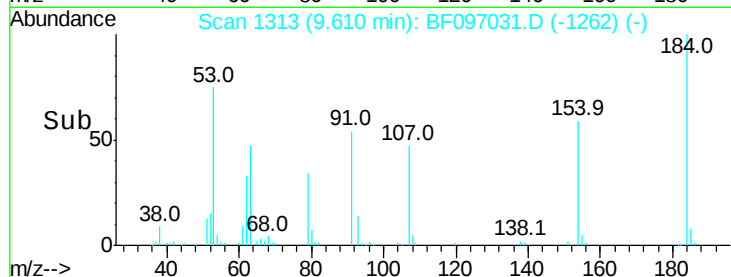
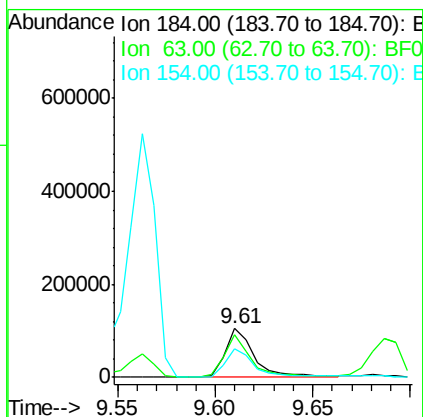
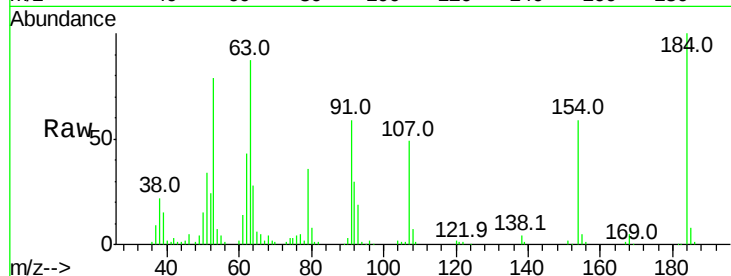




#53
 2,4-Dinitrophenol
 Concen: 56.711 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

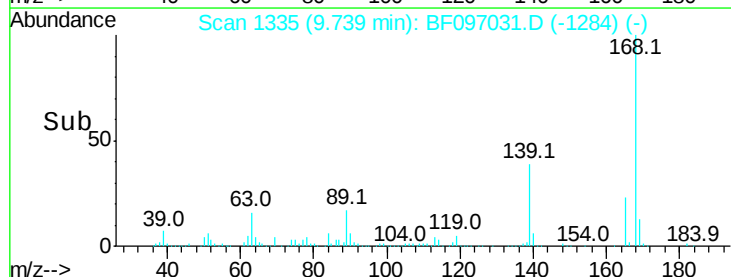
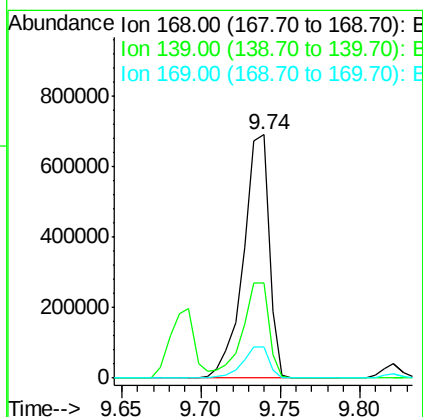
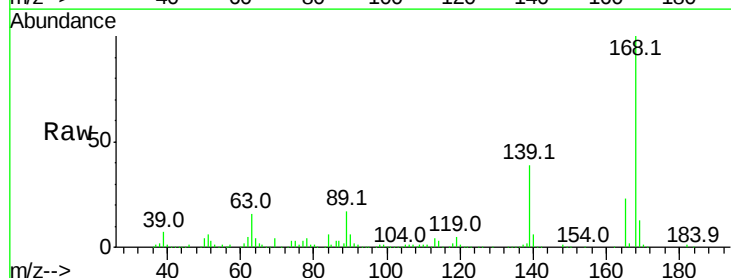
Instrument :
 BNA_F
 ClientSampleId :

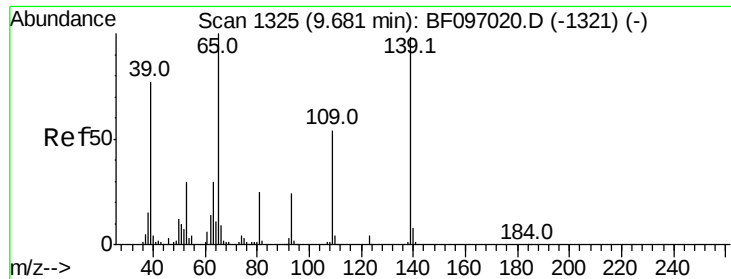
Tot Ion:184 Resp: 107961
 Ion Ratio Lower Upper
 184 100
 63 86.8 62.7 94.1
 154 59.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.390 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:168 Resp: 775098
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 12.6 10.8 16.2





#55

4-Nitrophenol

Concen: 67.917 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampled :

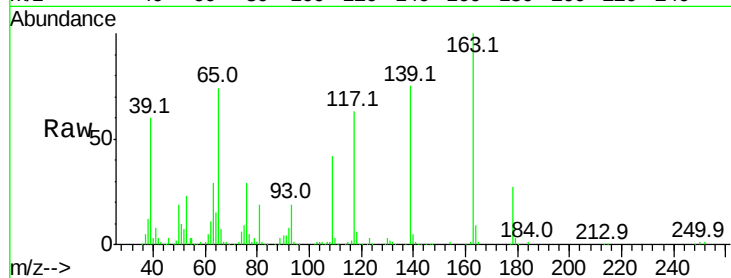
Tot Ion:139 Resp: 209902

Ion Ratio Lower Upper

139 100

109 55.1 34.1 74.1

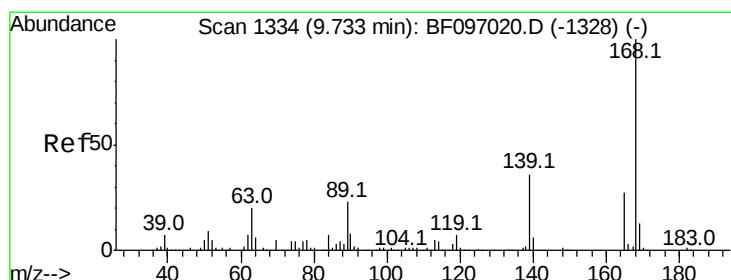
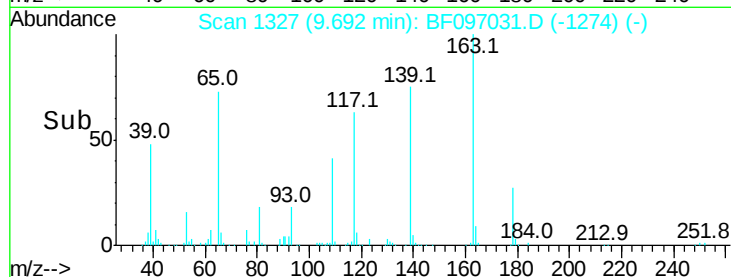
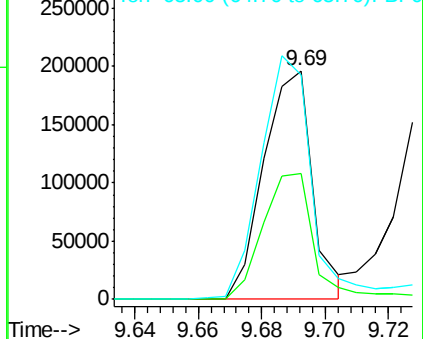
65 98.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.780 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:165 Resp: 181845

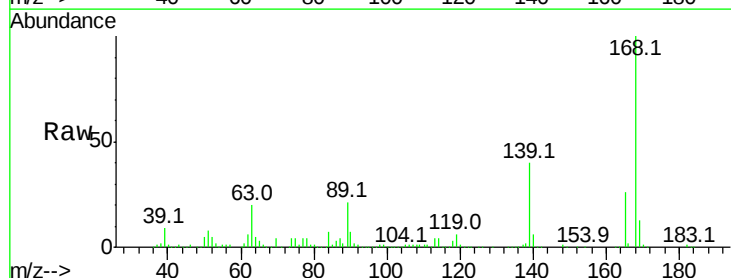
Ion Ratio Lower Upper

165 100

63 77.4 25.4 38.0#

89 81.8 46.4 69.6#

182 2.2 1.8 2.6

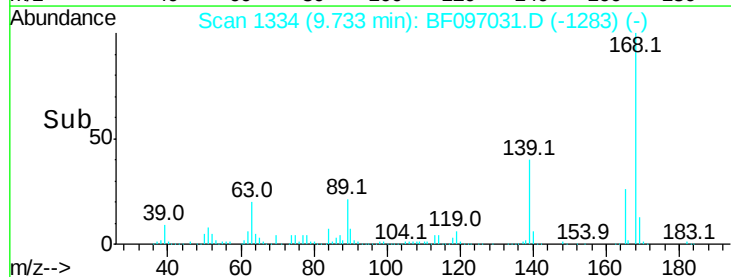
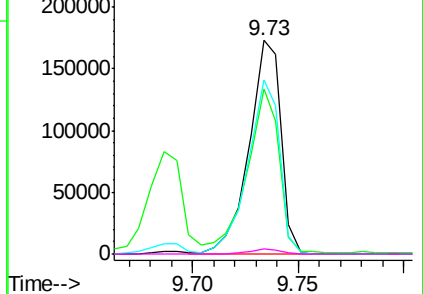


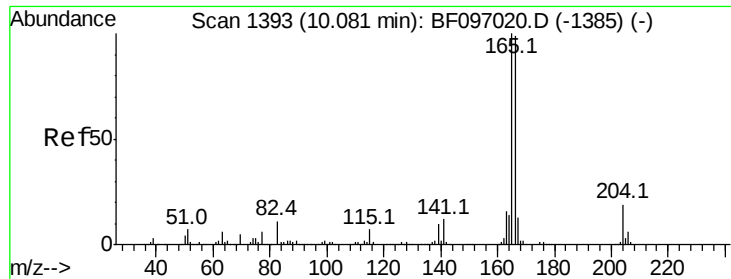
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

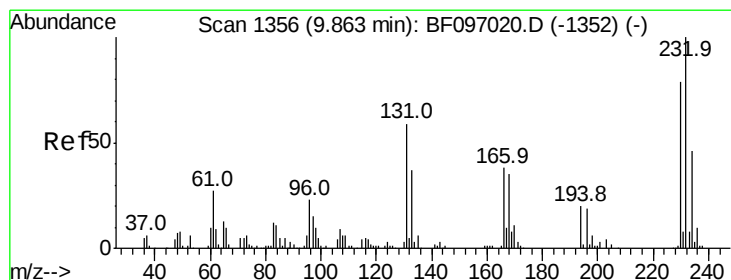
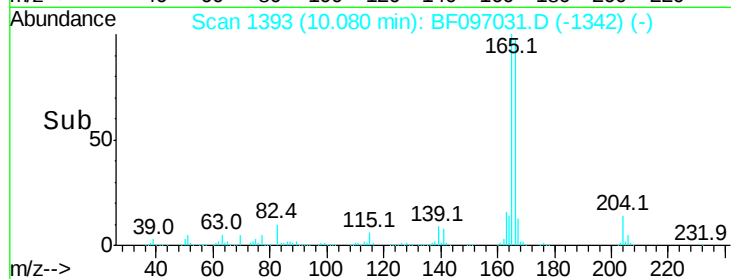
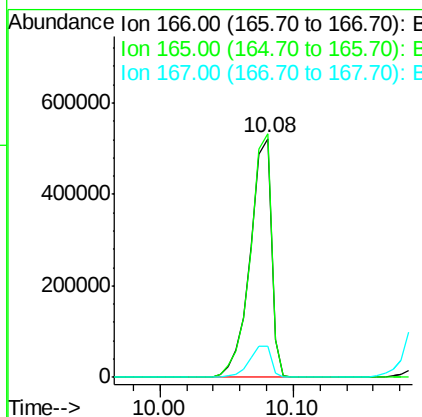
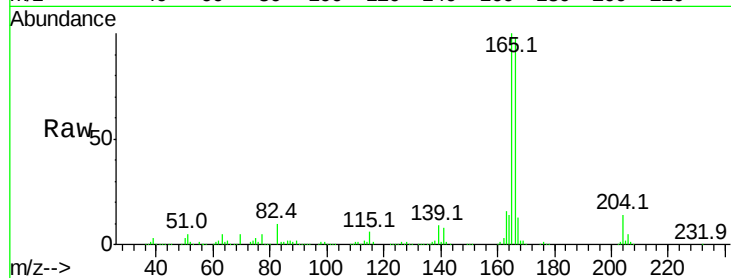




#57
Fluorene
Concen: 38.211 ng
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

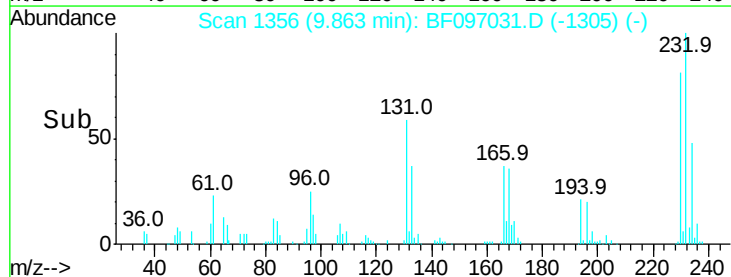
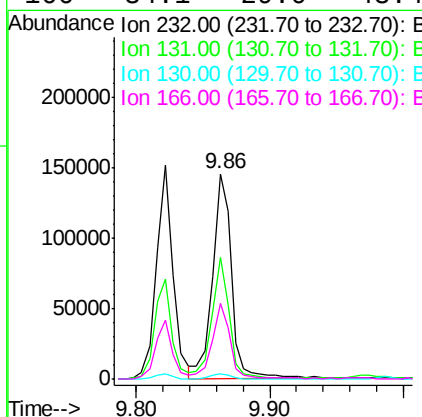
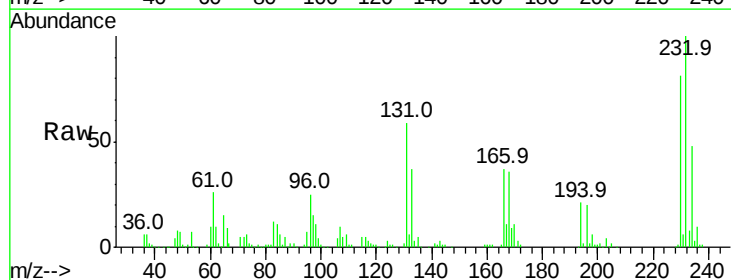
Instrument :
BNA_F
ClientSampleId :

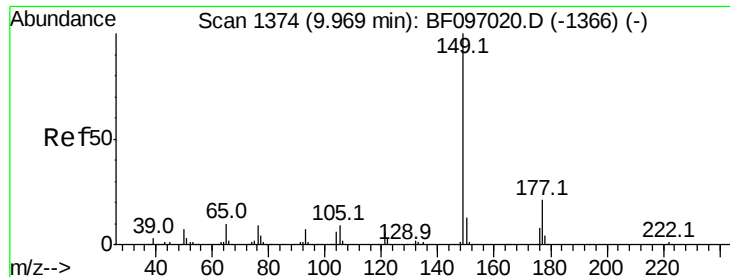
Tot Ion:166 Resp: 565124
Ion Ratio Lower Upper
166 100
165 102.1 78.8 118.2
167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.776 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:232 Resp: 145123
Ion Ratio Lower Upper
232 100
131 55.6 44.8 67.2
130 2.4 2.3 3.5
166 34.1 29.0 43.4

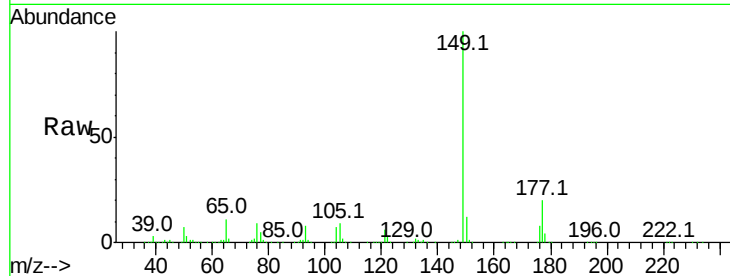




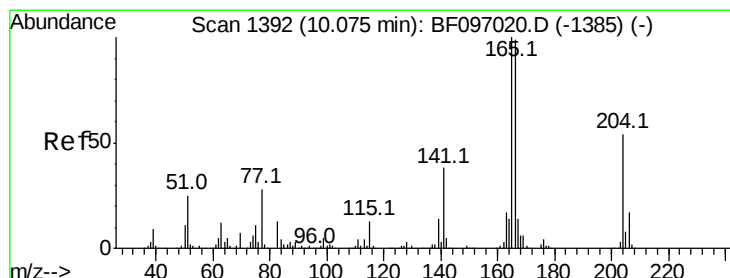
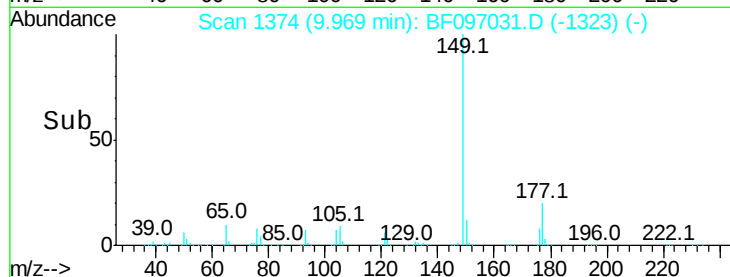
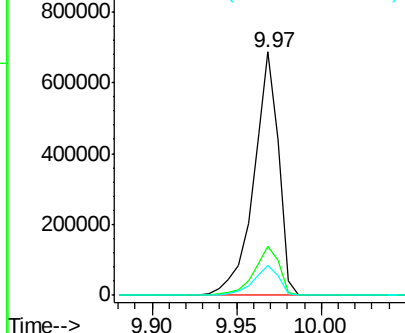
#59
Diethylphthalate
Concen: 38.548 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 698146
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.5 10.2 15.2

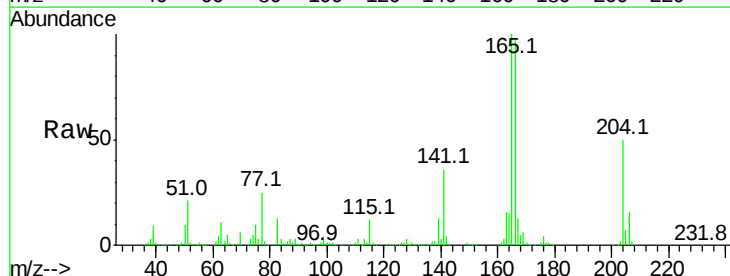


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

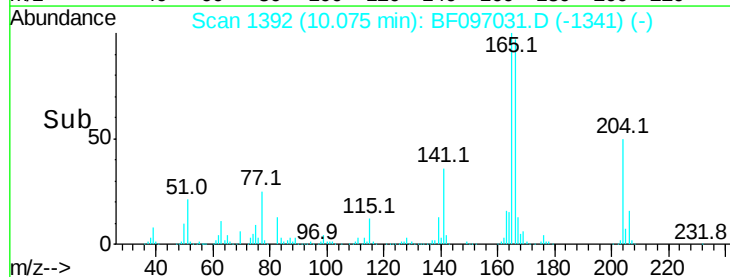
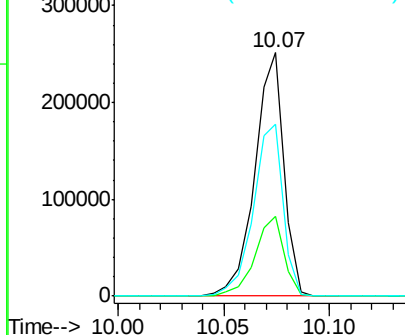


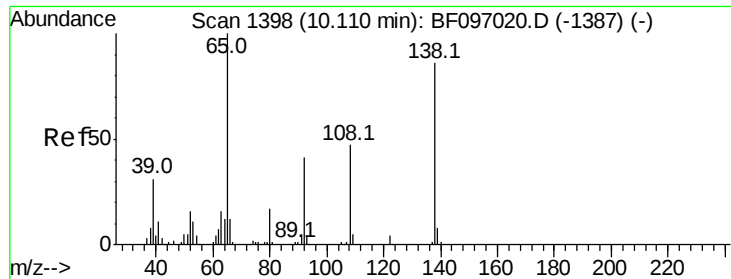
#60
4-Chlorophenyl-phenylether
Concen: 39.435 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:204 Resp: 240836
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 70.8 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

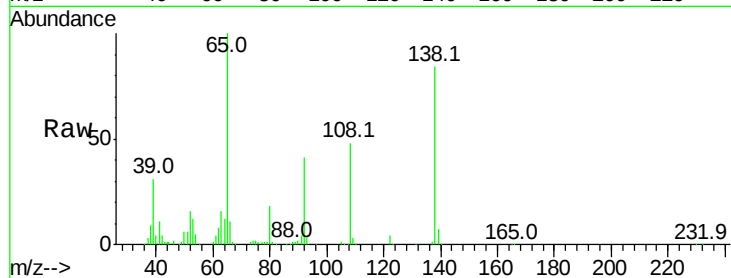




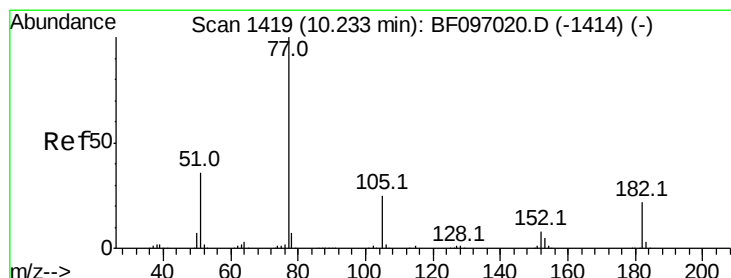
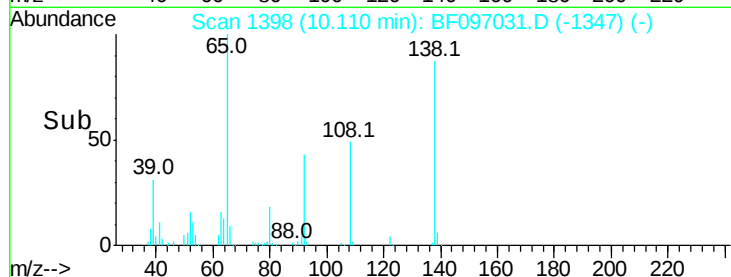
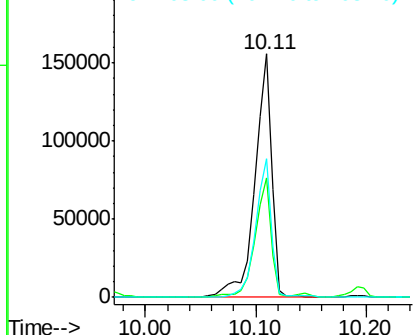
#61
4-Nitroaniline
Concen: 34.023 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 168009
Ion Ratio Lower Upper
138 100
92 49.1 21.8 61.8
108 56.9 42.3 82.3

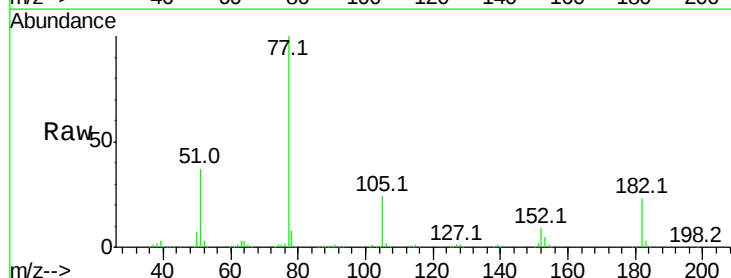


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

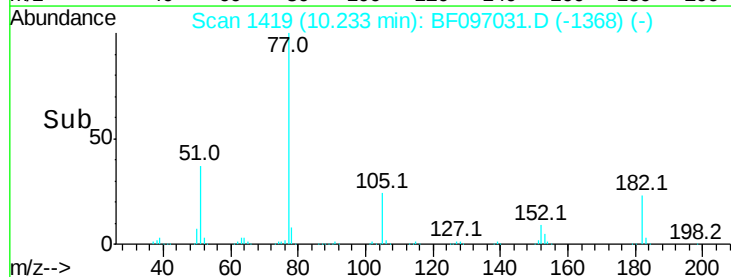
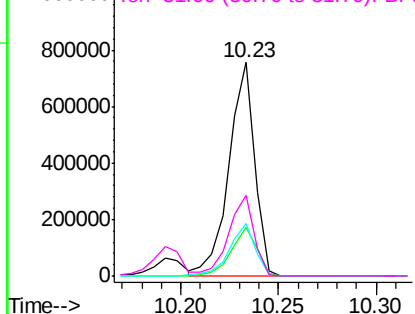


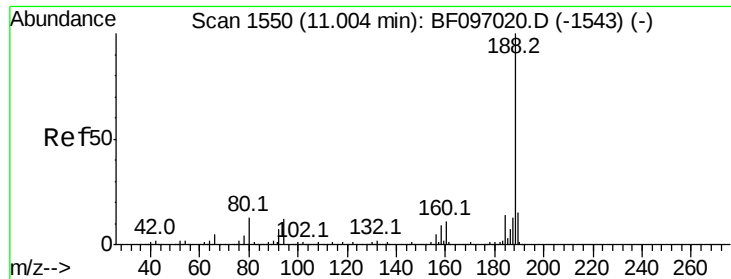
#62
Azobenzene
Concen: 41.200 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion: 77 Resp: 692217
Ion Ratio Lower Upper
77 100
182 22.6 0.1 40.1
105 24.4 3.6 43.6
51 37.5 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

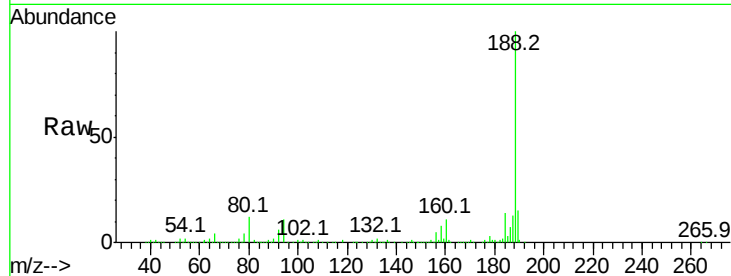




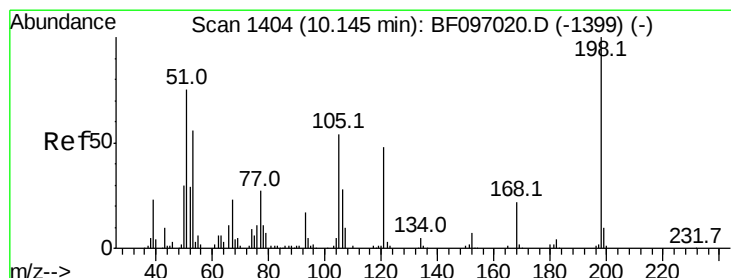
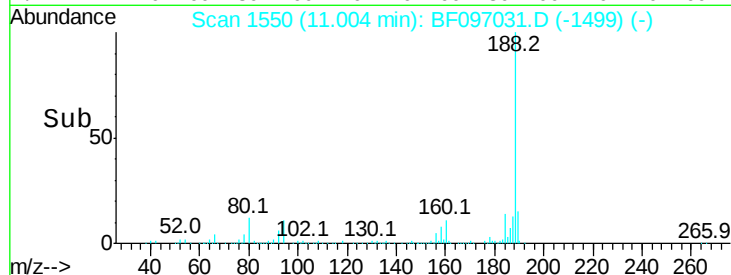
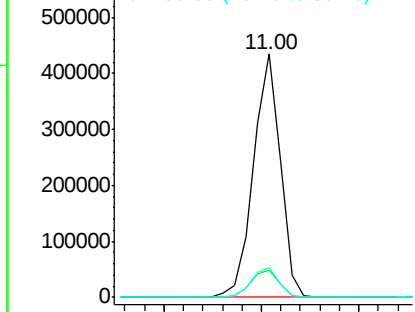
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 414115
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.1 10.2 15.2

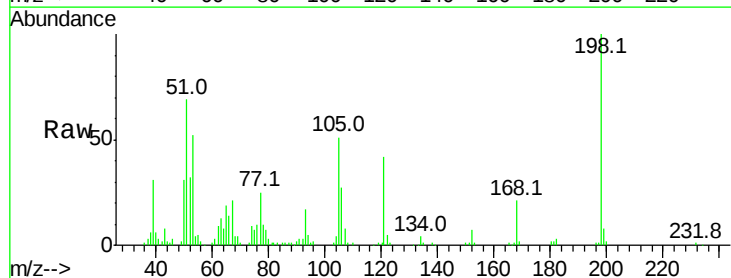


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

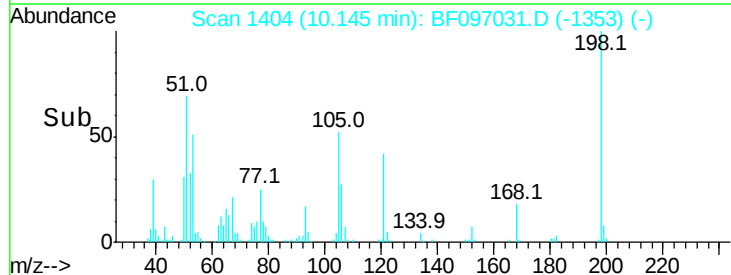
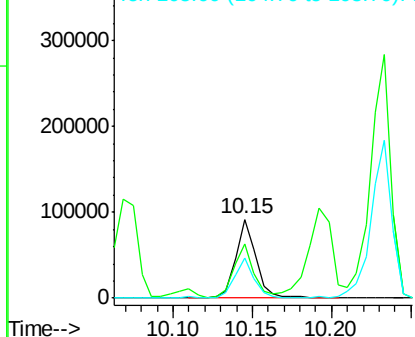


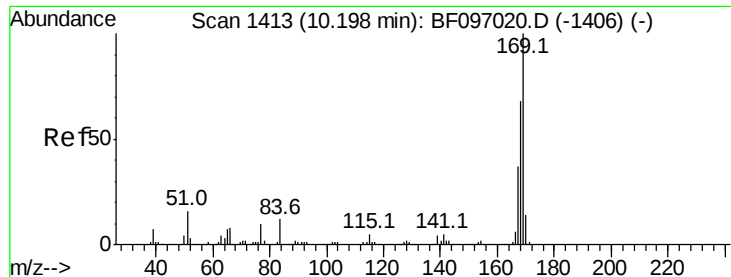
#64
4,6-Dinitro-2-methylphenol
Concen: 31.780 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:198 Resp: 81780
Ion Ratio Lower Upper
198 100
51 69.0 53.2 93.2
105 51.4 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 38.902 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

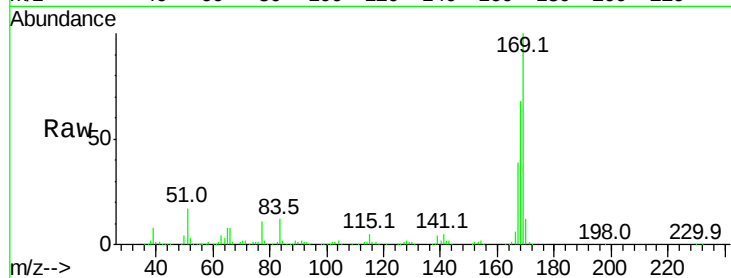
Tot Ion:169 Resp: 560529

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

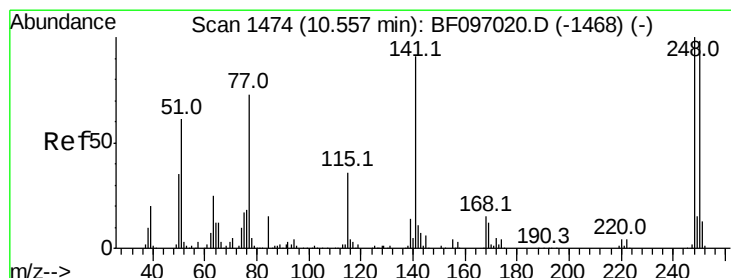
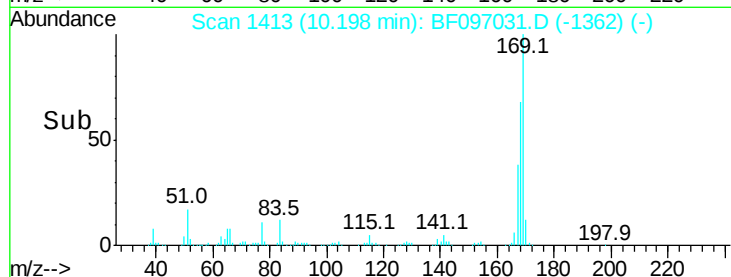
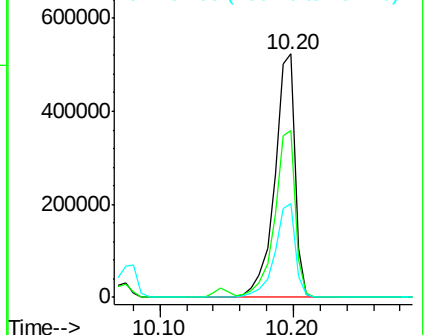
167 38.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.088 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

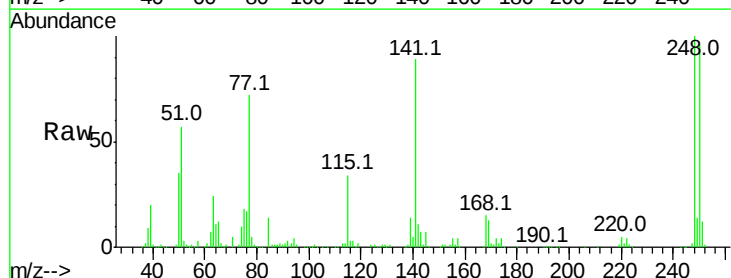
Tgt Ion:248 Resp: 165672

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

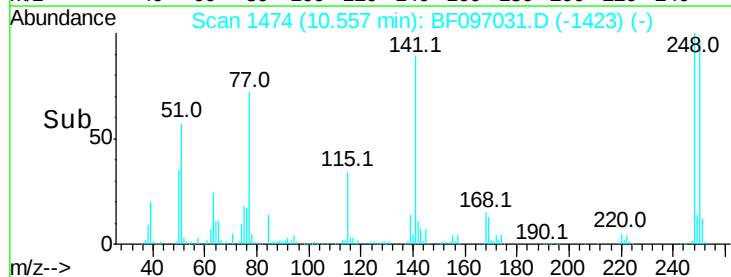
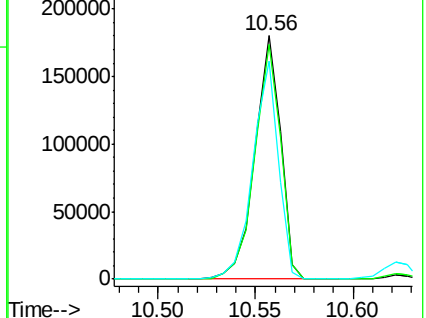
141 89.5 68.6 103.0

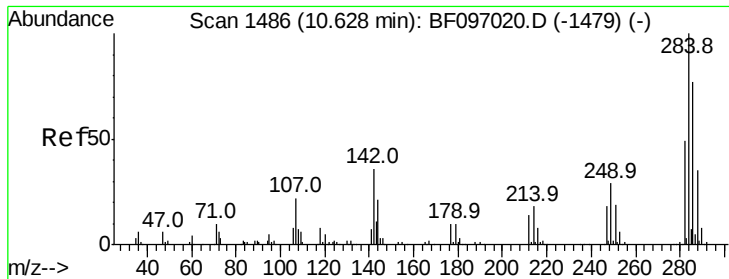


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.735 ng

RT: 10.63 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

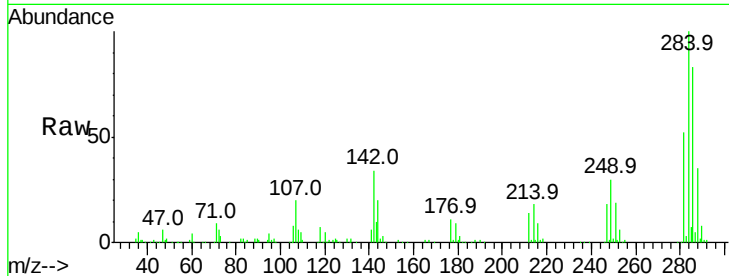
Tot Ion:284 Resp: 170244

Ion Ratio Lower Upper

284 100

142 33.6 22.8 34.2

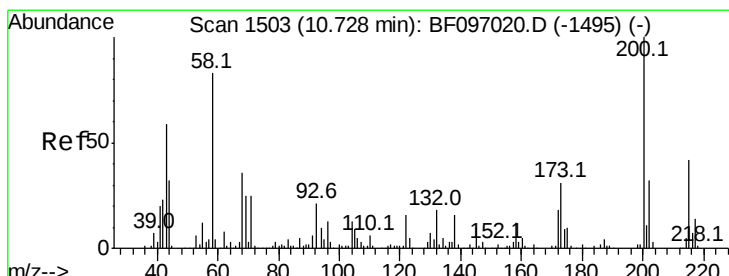
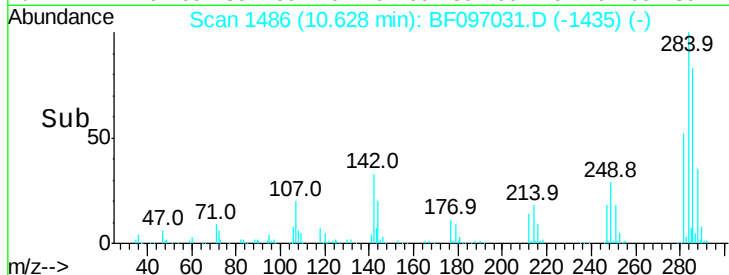
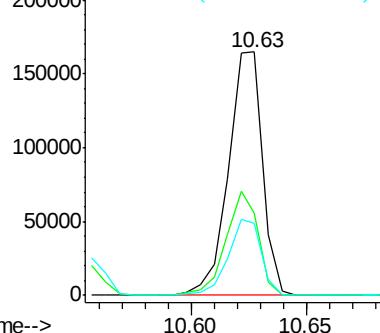
249 29.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.238 ng

RT: 10.73 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

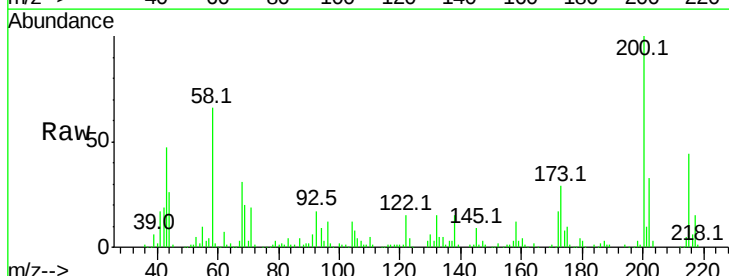
Tgt Ion:200 Resp: 166254

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

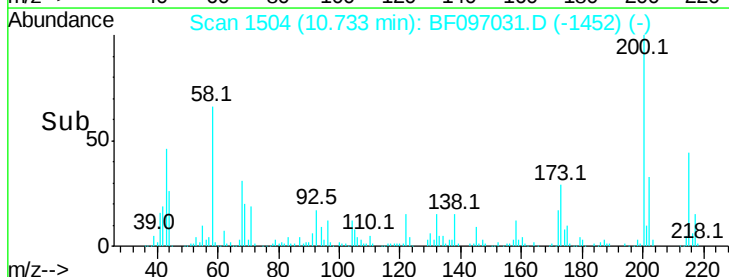
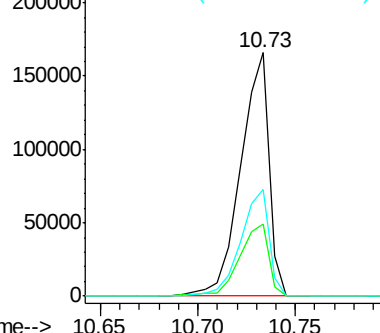
215 43.8 27.2 67.2

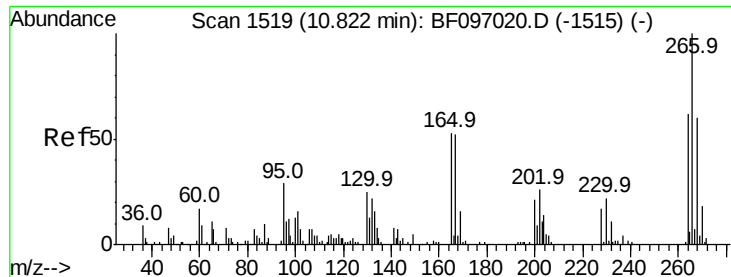


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

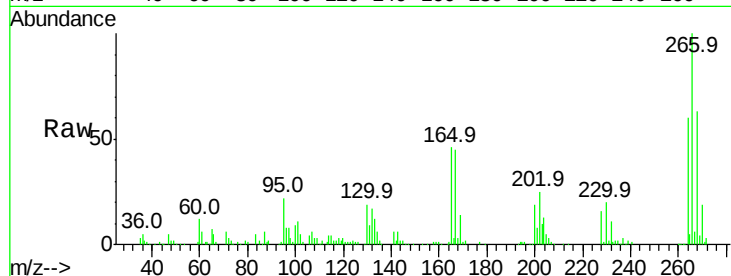




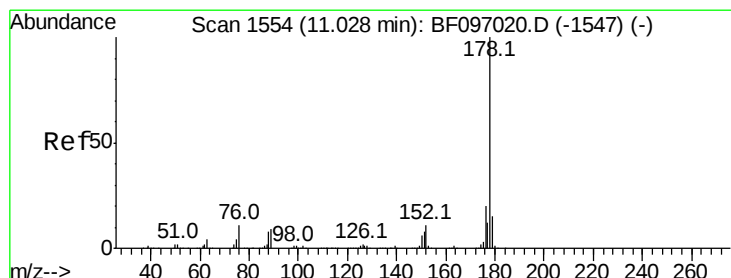
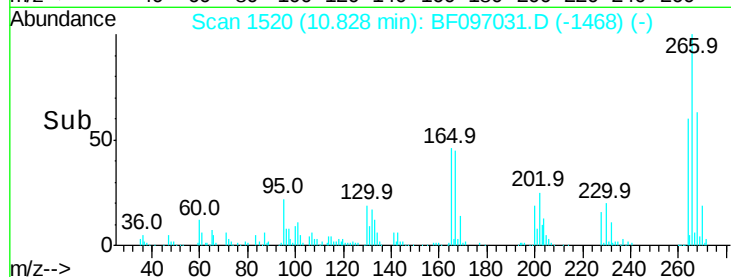
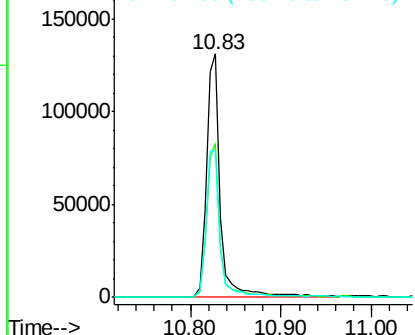
#69
 Pentachlorophenol
 Concen: 74.738 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 143313
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 59.9 51.7 77.5

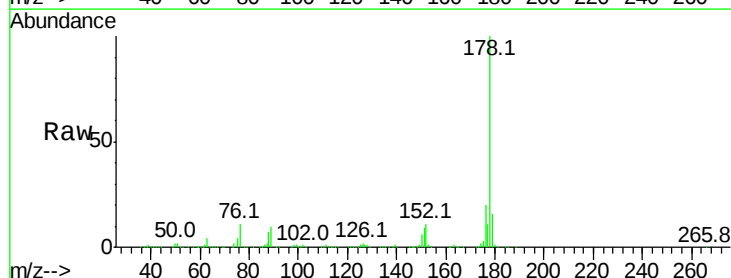


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

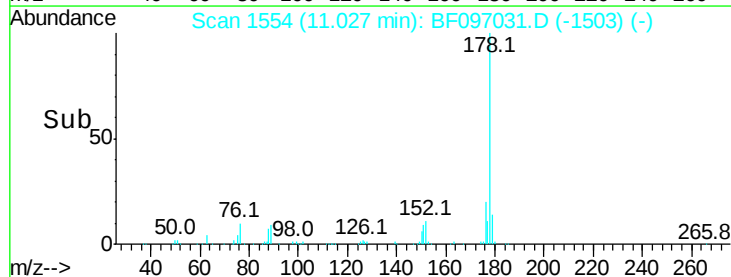
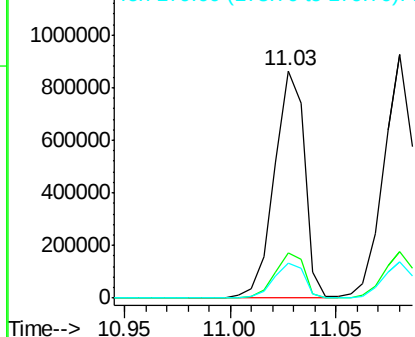


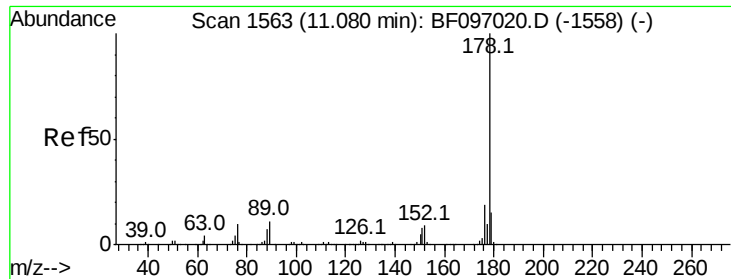
#70
 Phenanthrene
 Concen: 38.807 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:178 Resp: 861058
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.6 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

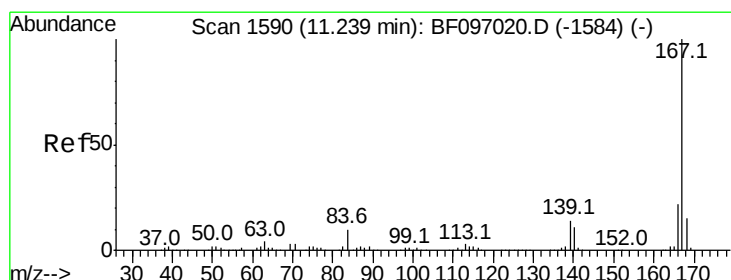
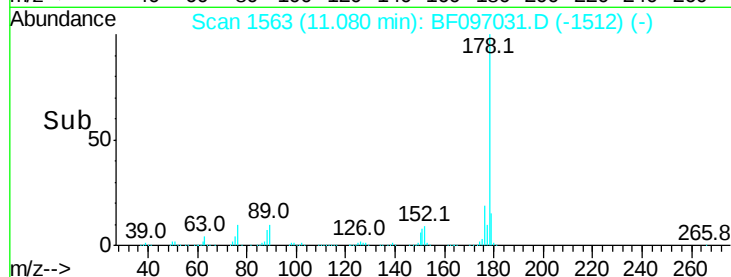
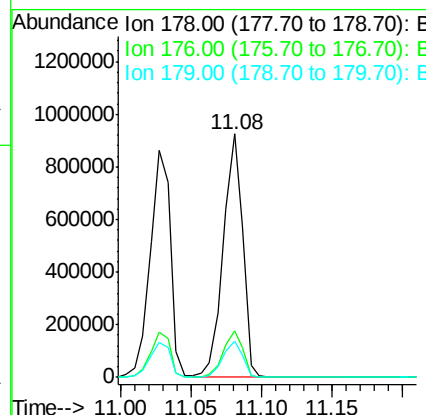
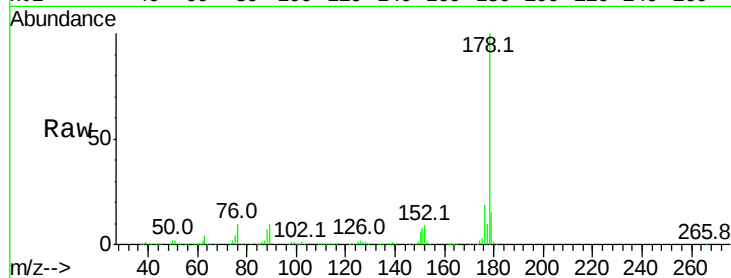




#71
 Anthracene
 Concen: 39.128 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

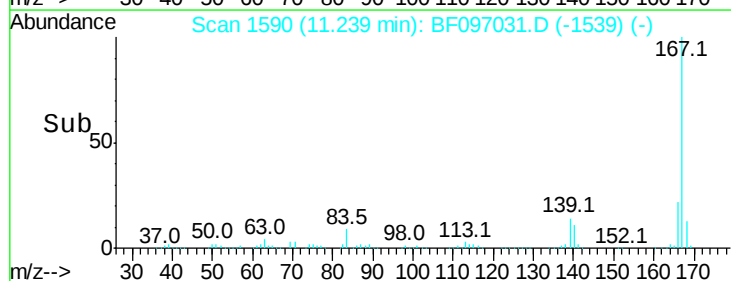
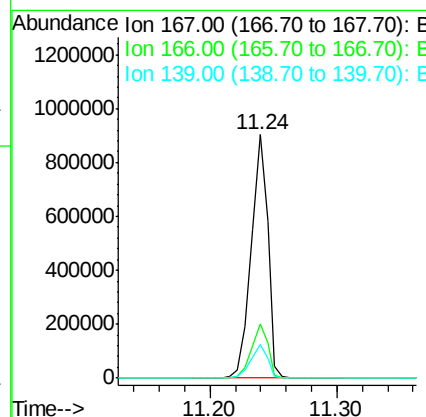
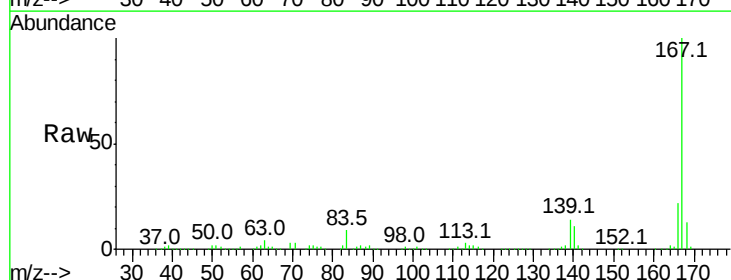
Instrument :
 BNA_F
 ClientSampleId :

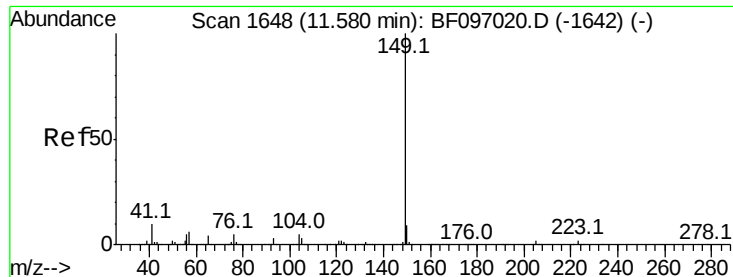
Tot Ion:178 Resp: 889221
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 36.781 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:167 Resp: 822069
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.662 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampled :

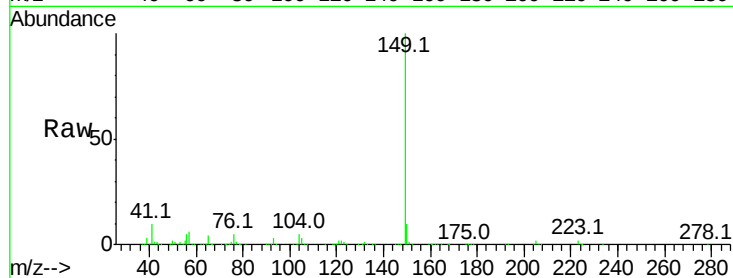
Tot Ion:149 Resp: 1095766

Ion Ratio Lower Upper

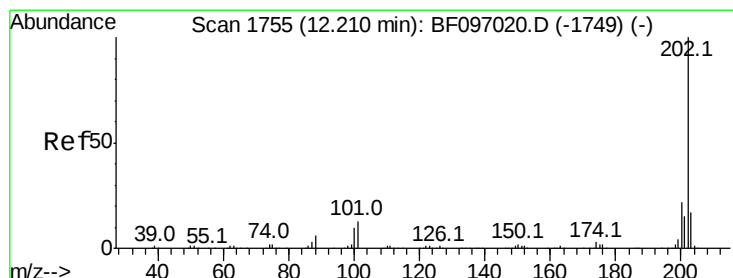
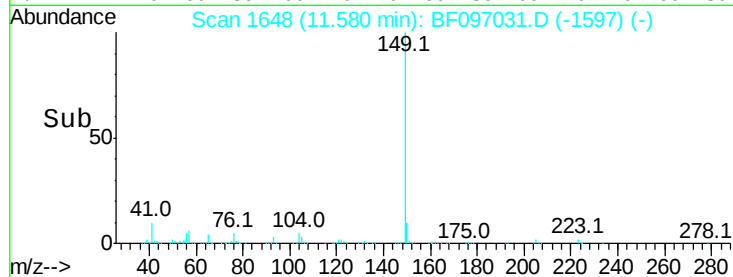
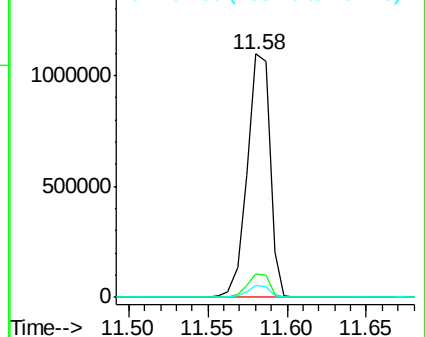
149 100

150 9.5 7.7 11.5

104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.754 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

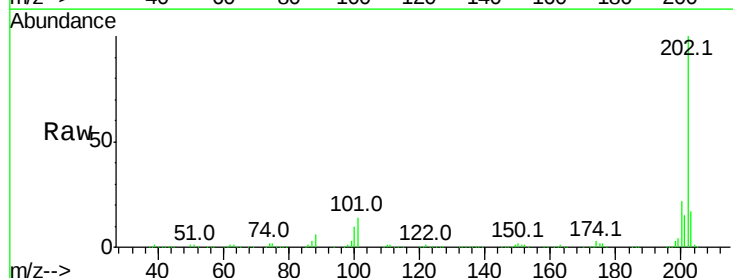
Tgt Ion:202 Resp: 820664

Ion Ratio Lower Upper

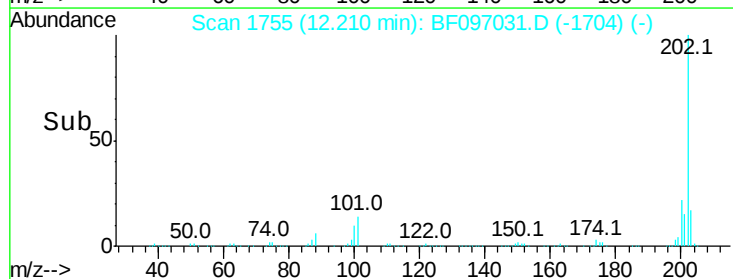
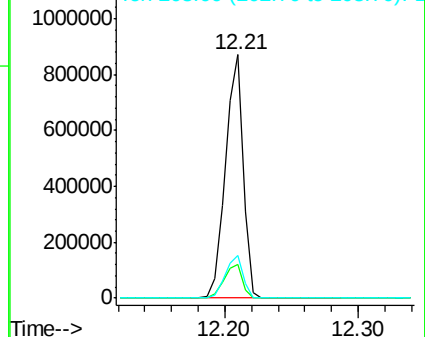
202 100

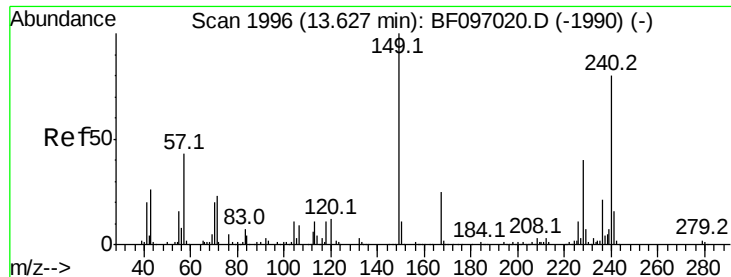
101 13.8 0.0 33.2

203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

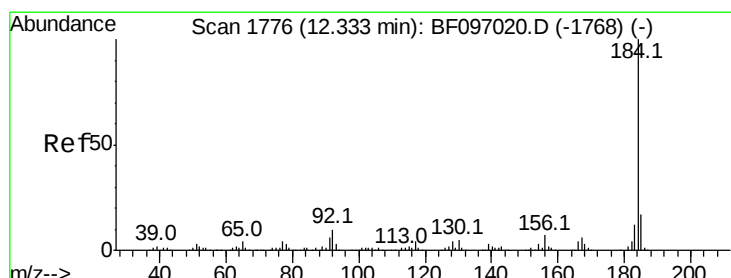
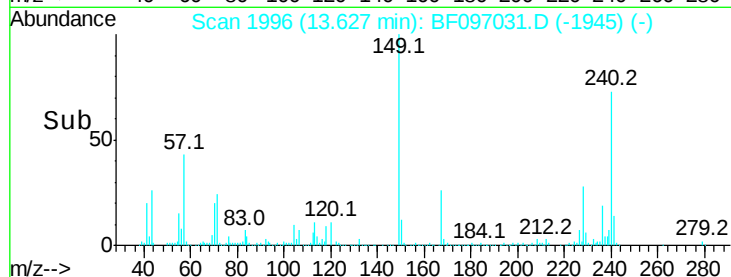
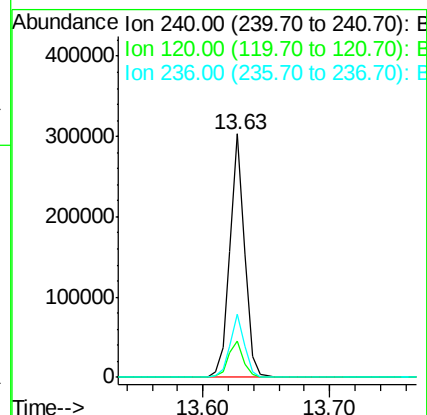
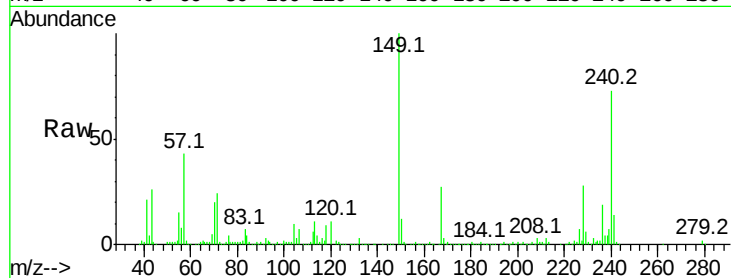
Tot Ion:240 Resp: 244771

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

236 25.7 20.5 30.7



#76

Benzidine

Concen: 28.997 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

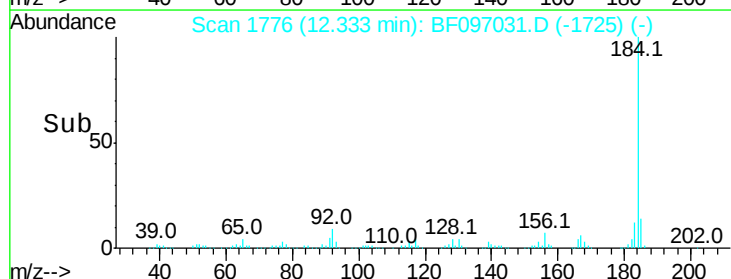
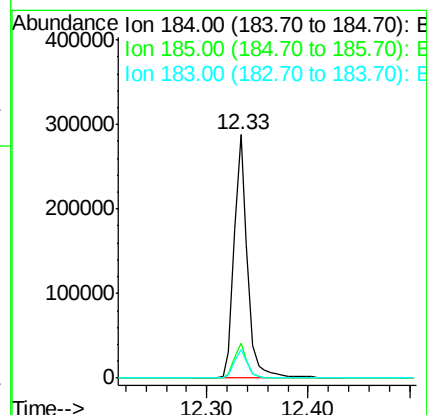
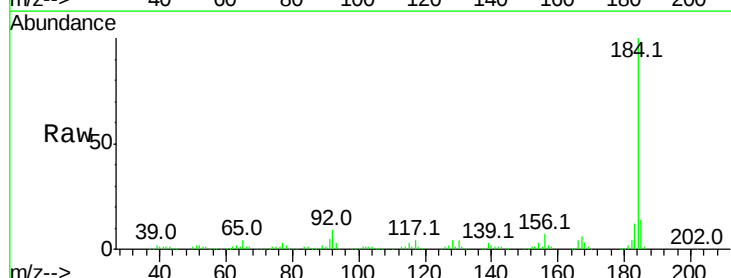
Tgt Ion:184 Resp: 263352

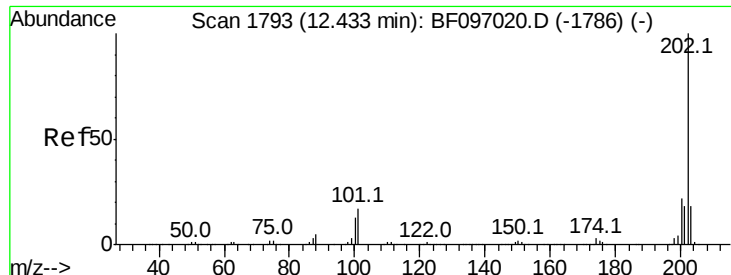
Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

183 11.6 9.8 14.6





#77

Pvrene

Concen: 42.371 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

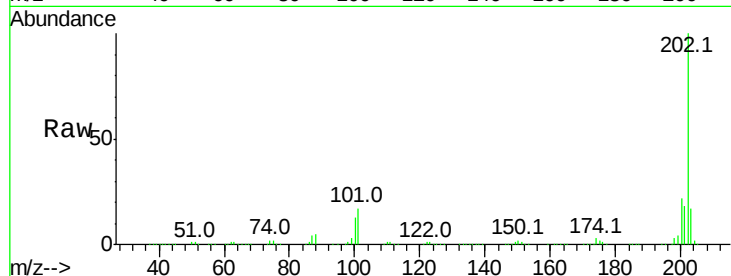
Tot Ion:202 Resp: 849054

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

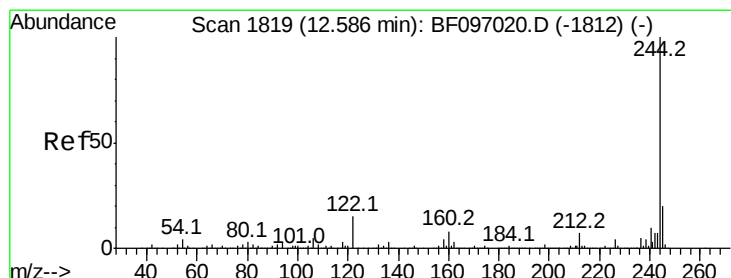
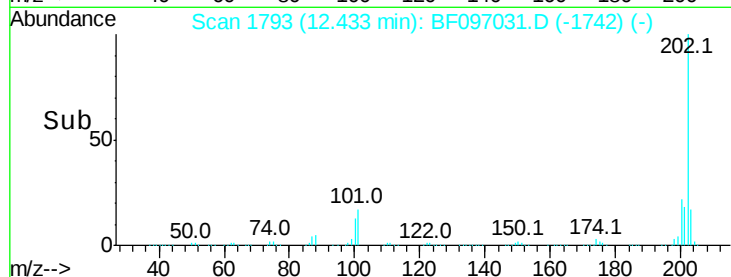
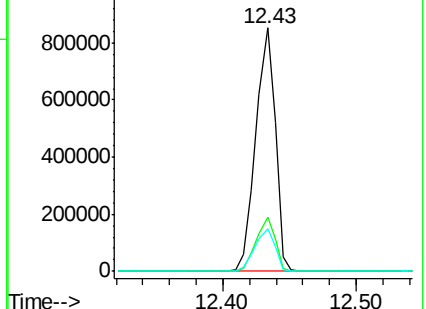
203 17.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.232 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

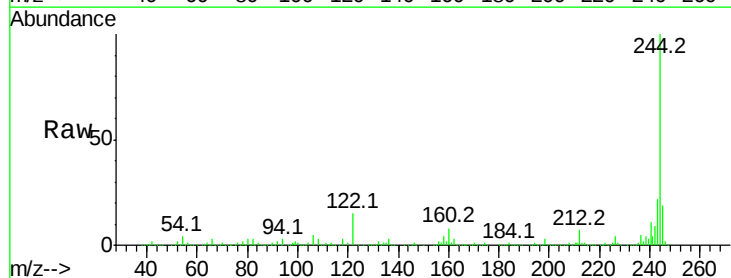
Tgt Ion:244 Resp: 891183

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

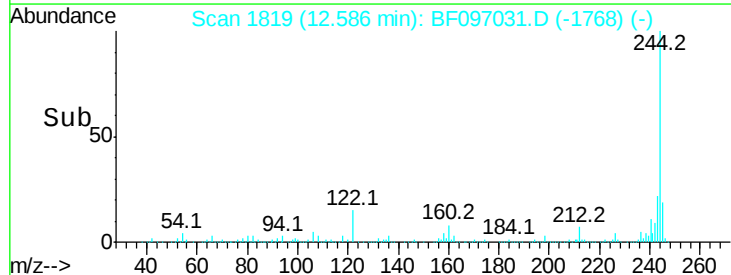
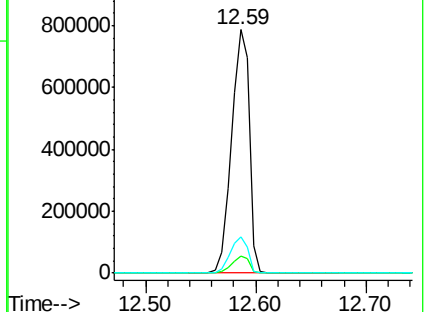
122 15.1 10.3 15.5

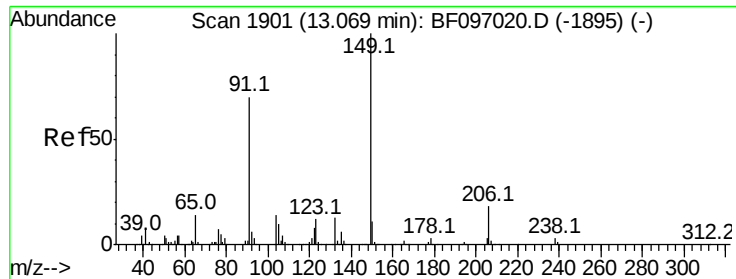


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

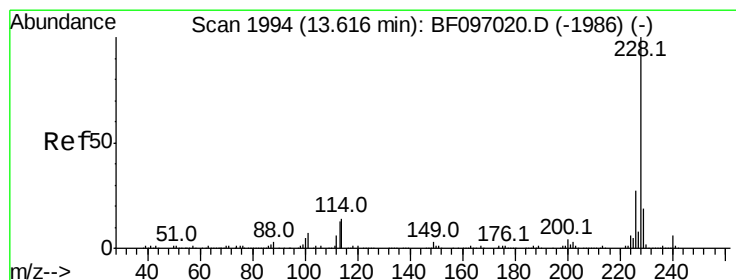
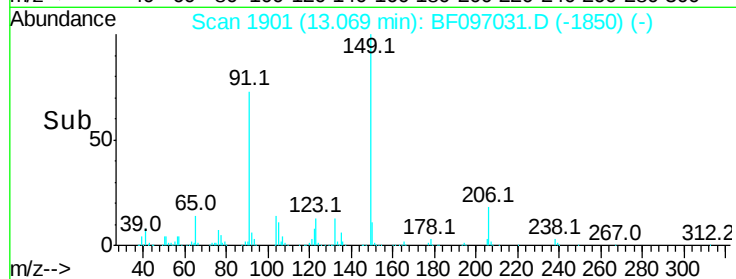
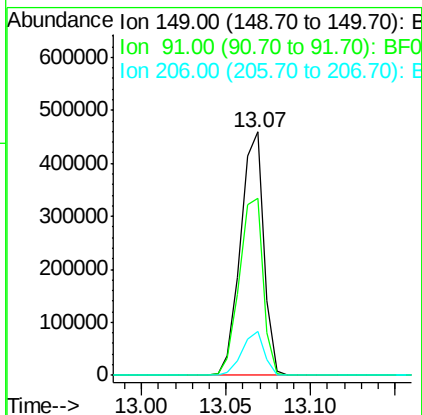
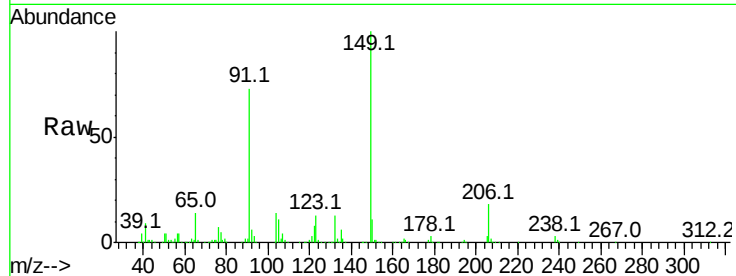




#79
Butylbenzylphthalate
Concen: 43.362 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

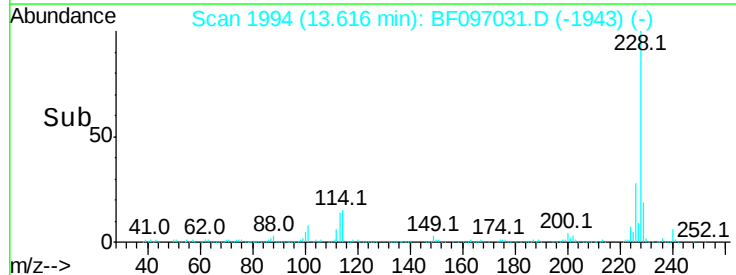
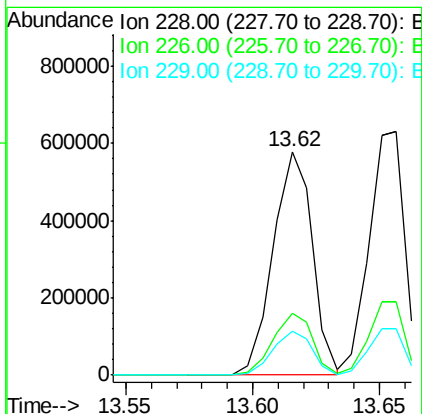
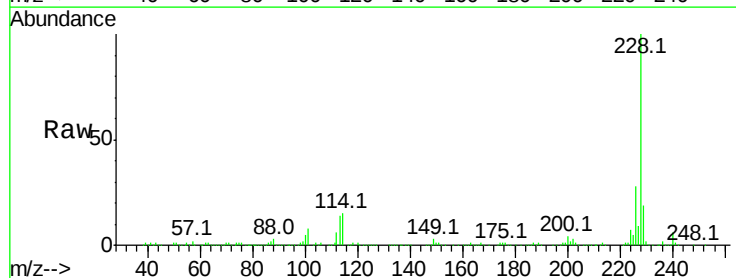
Instrument :
BNA_F
ClientSampleId :

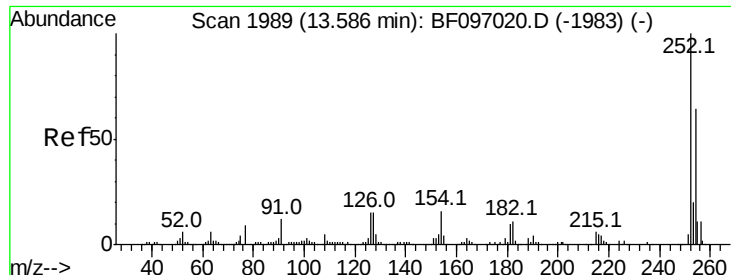
Tot Ion:149 Resp: 441992
Ion Ratio Lower Upper
149 100
91 72.6 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.513 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:228 Resp: 625789
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.4 16.3 24.5

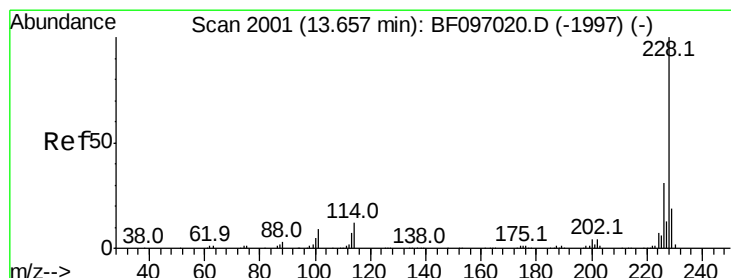
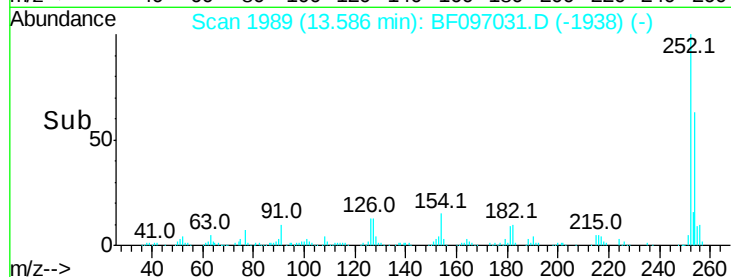
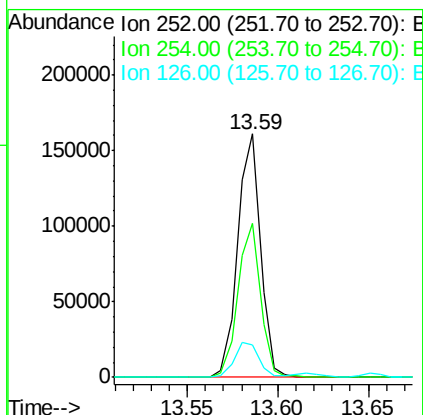
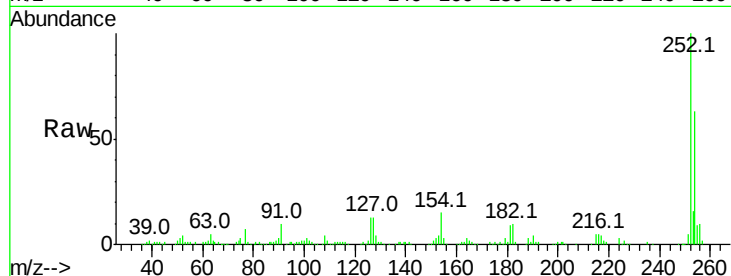




#81
 3,3'-Dichlorobenzidine
 Concen: 23.652 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

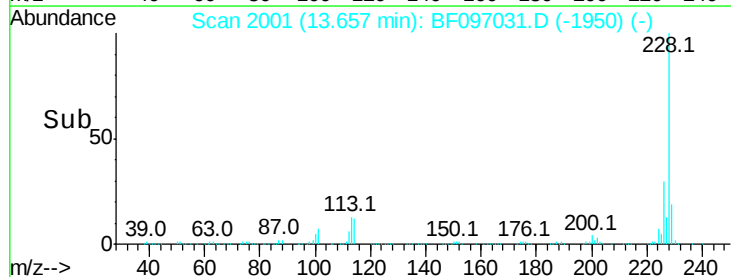
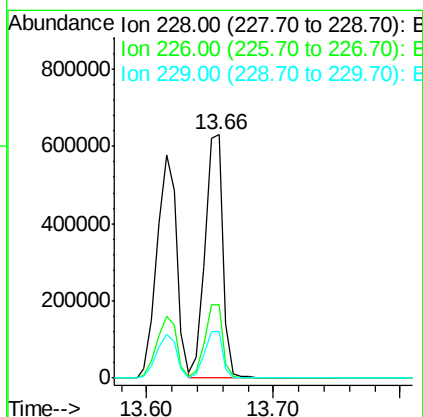
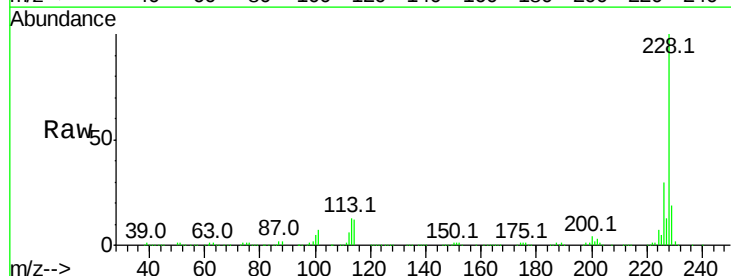
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.4	15.8	23.8#



#82
 Chrysene
 Concen: 40.207 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.1	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.698 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

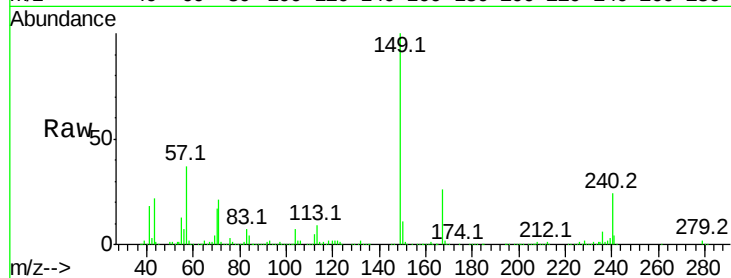
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 568260

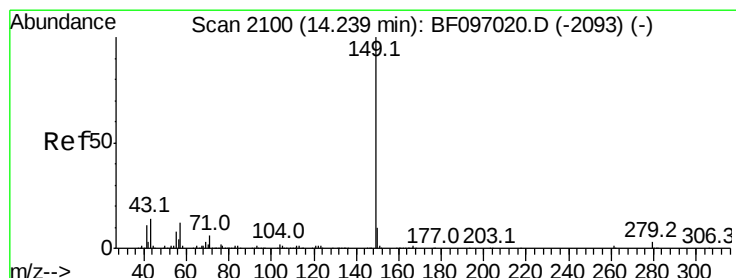
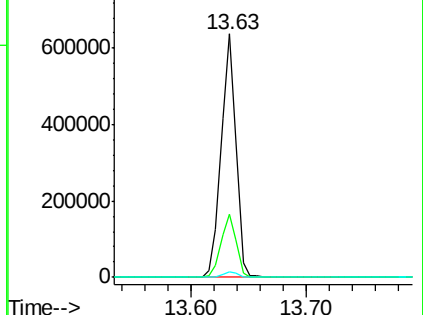
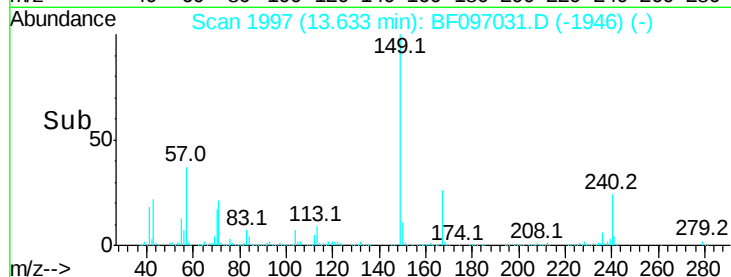
Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.4	1.9	2.9



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: 41.059 ng

RT: 14.24 min Scan# 2100

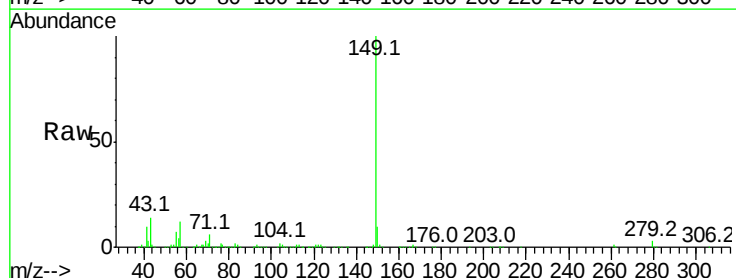
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:149 Resp: 1002795

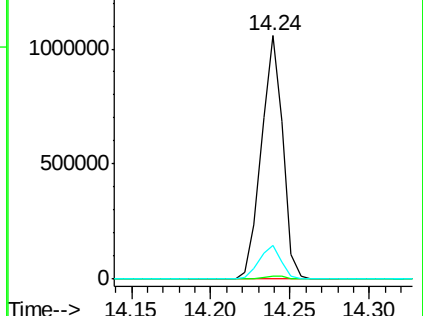
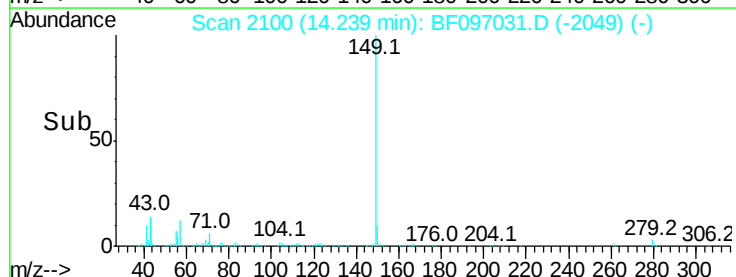
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.8	8.5	12.7#

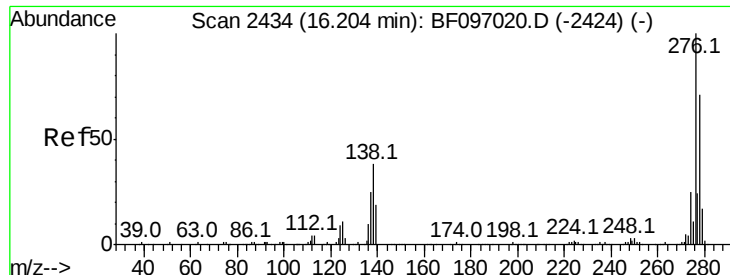


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

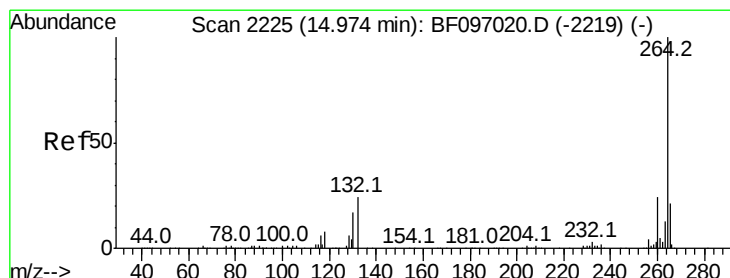
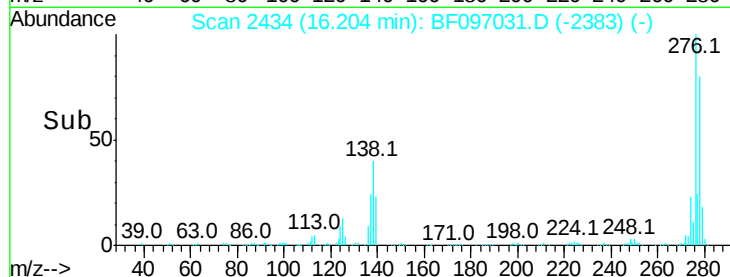
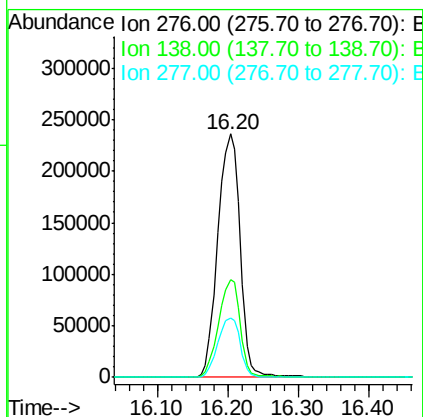
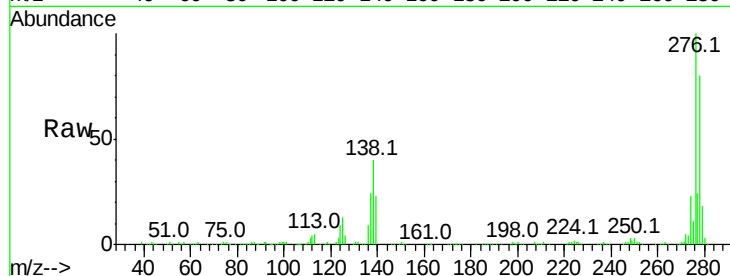




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.263 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

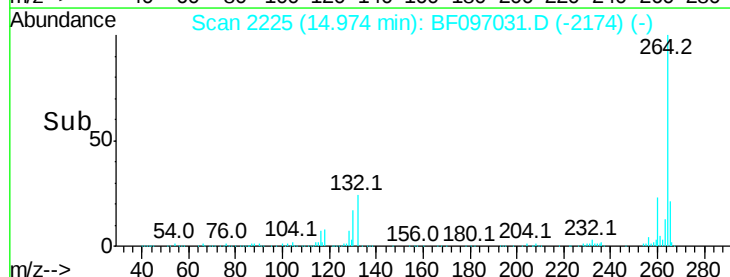
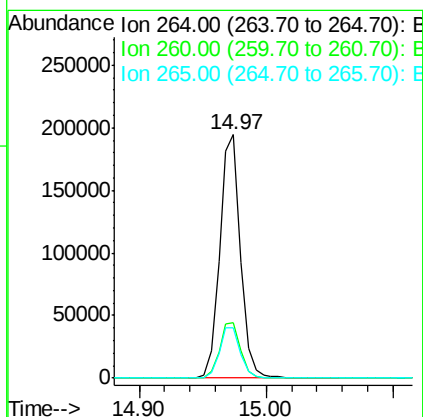
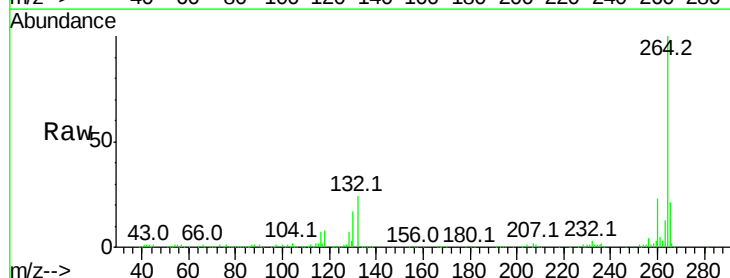
Instrument :
 BNA_F
 ClientSampleId :

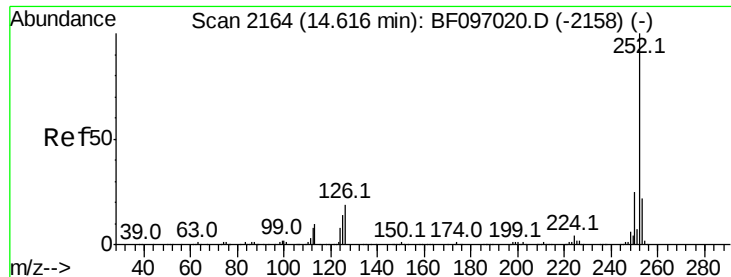
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.8	27.8	41.6
277	24.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.6	17.2	25.8

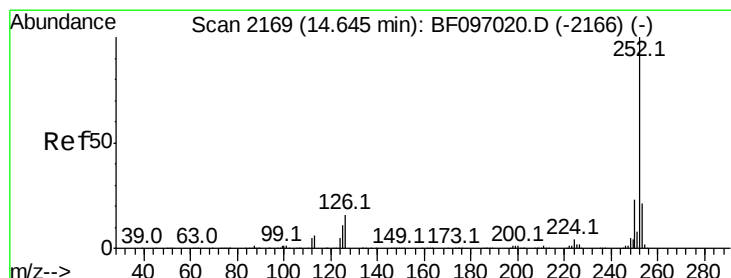
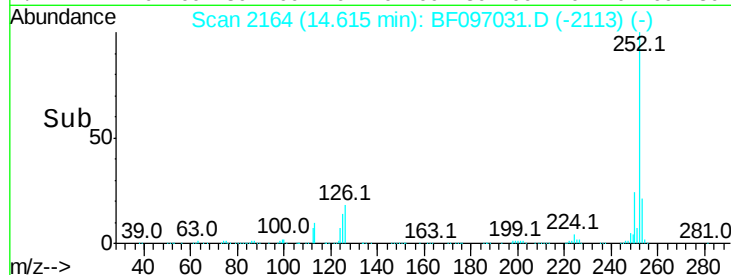
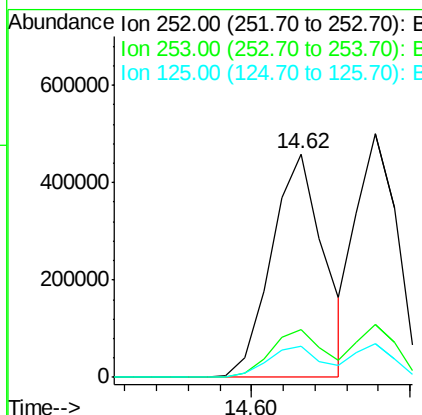
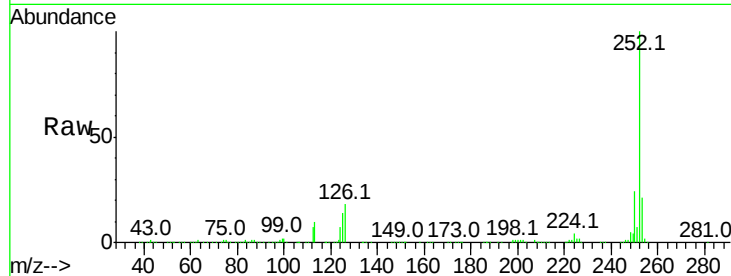




#87
Benzo(b)fluoranthene
Concen: 39.780 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

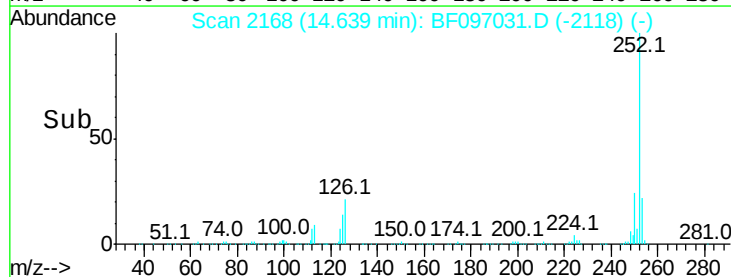
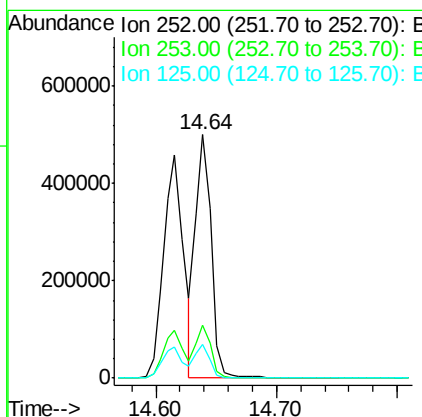
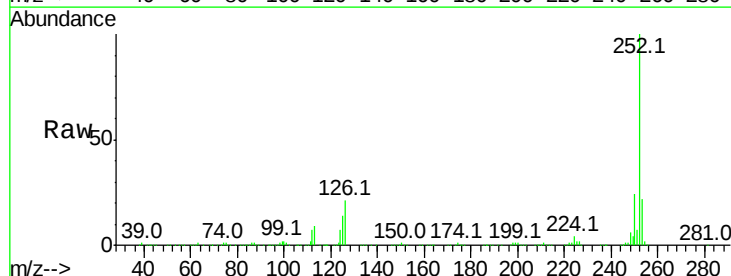
Instrument :
BNA_F
ClientSampleId :

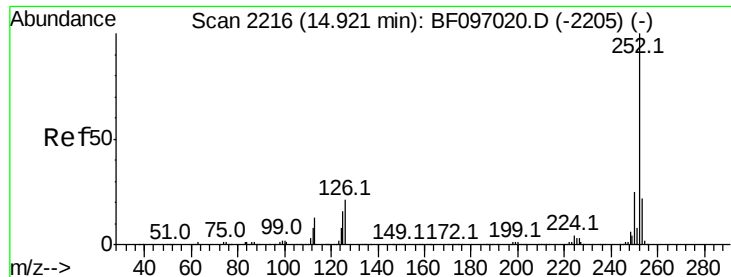
Tot Ion:252 Resp: 527431
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 13.9 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.940 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:252 Resp: 454078
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.8 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.175 ng

RT: 14.92 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampled :

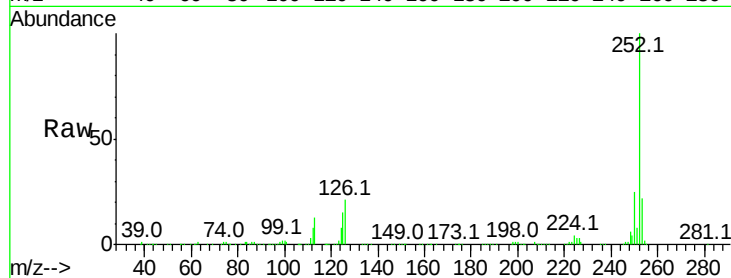
Tot Ion:252 Resp: 475382

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

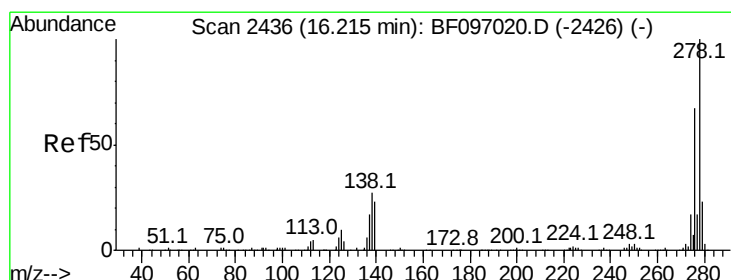
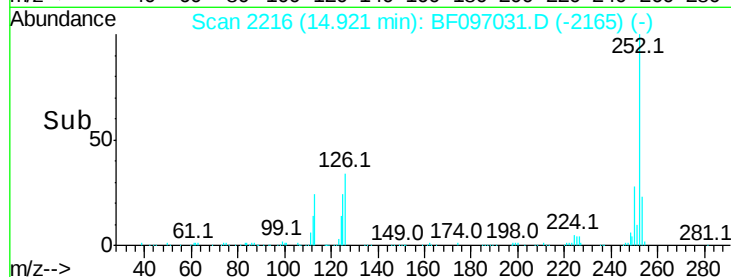
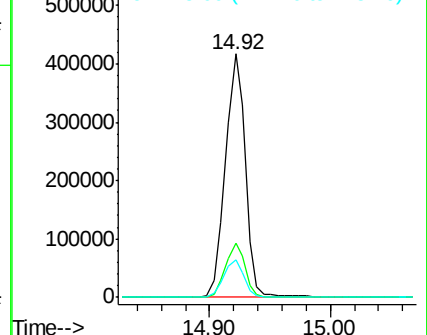
125 15.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.294 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

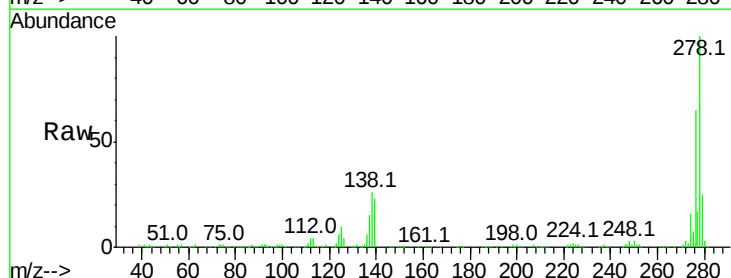
Tgt Ion:278 Resp: 420870

Ion Ratio Lower Upper

278 100

139 22.6 16.6 24.8

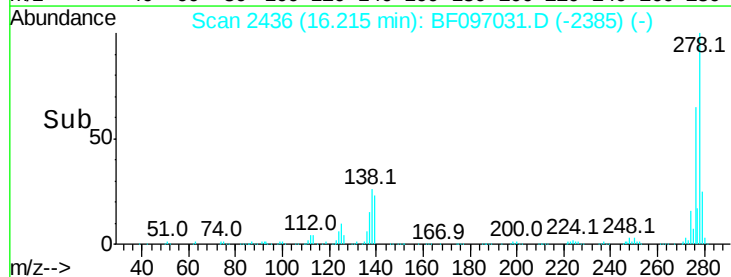
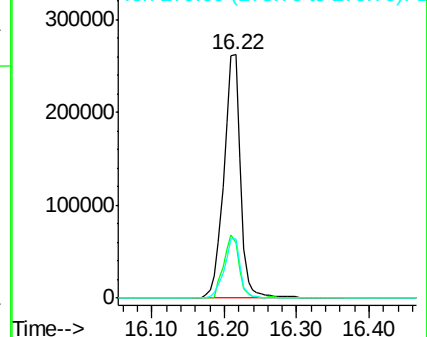
279 24.5 19.3 28.9

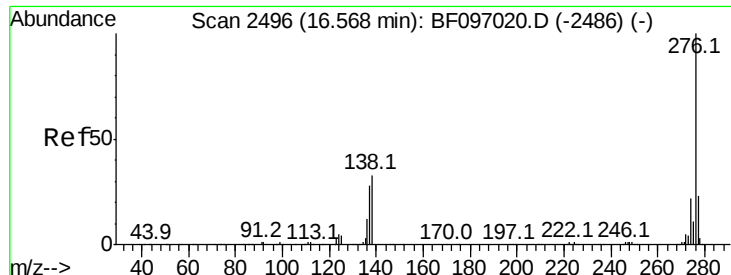


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

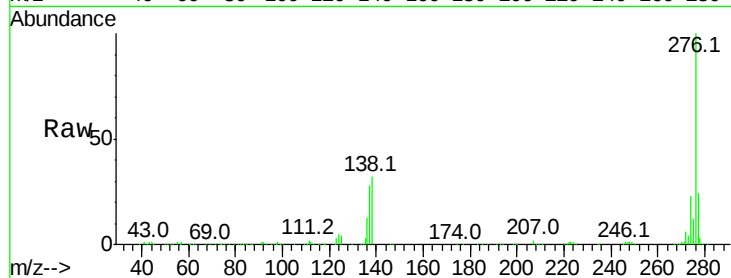




#91
 Benzo(a,h,i)perylene
 Concen: 43.177 ng
 RT: 16.57 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	31.5	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

