

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097358.D
 Acq On : 4 Aug 2017 16:19
 Operator : SJ/JU
 Sample : I4542-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Quant Time: Aug 04 16:58:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	80488	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	338625	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	150953	20.00	ng	0.00
63) Phenanthrene-d10	10.93	188	247690	20.00	ng	0.00
75) Chrysene-d12	13.56	240	160016	20.00	ng	0.00
86) Perylene-d12	14.89	264	143622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	786203	147.25	ng	0.03
7) Phenol-d6	6.12	99	883331	144.92	ng	0.00
23) Nitrobenzene-d5	7.01	82	634798	109.97	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	200049	167.73	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	1033510	116.19	ng	0.00
78) Terphenyl-d14	12.52	244	828865	105.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	102796	46.136	ng	# 67
3) Pyridine	2.72	79	187725	27.515	ng	# 60
4) n-Nitrosodimethylamine	2.62	42	179246	47.423	ng	# 78
6) Aniline	6.11	93	220418	28.737	ng	# 77
8) 2-Chlorophenol	6.23	128	281546	49.315	ng	93
9) Benzaldehyde	5.99	77	106040	29.391	ng	96
10) Phenol	6.13	94	339018	46.891	ng	98
11) bis(2-Chloroethyl)ether	6.19	93	323513	56.575	ng	90
12) 1,3-Dichlorobenzene	6.38	146	282127	45.855	ng	99
13) 1,4-Dichlorobenzene	6.46	146	316340	51.882	ng	94
14) 1,2-Dichlorobenzene	6.61	146	263004	49.402	ng	97
15) Benzyl Alcohol	6.60	79	246258	63.812	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	557473	48.606	ng	56
17) 2-Methylphenol	6.73	107	227080	51.536	ng	# 87
18) Hexachloroethane	6.95	117	104976	47.061	ng	# 81
19) n-Nitroso-di-n-propylamine	6.87	70	211488	52.712	ng	# 80
20) 3+4-Methylphenols	6.89	107	319858	55.581	ng	# 61
22) Acetophenone	6.86	105	402066	49.443	ng	# 96
24) Nitrobenzene	7.03	77	327647	54.502	ng	96
25) Isophorone	7.27	82	552142	48.844	ng	97
26) 2-Nitrophenol	7.35	139	183310	56.361	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	282890	52.727	ng	97
28) bis(2-Chloroethoxy)methane	7.49	93	381750	51.749	ng	98
29) 2,4-Dichlorophenol	7.60	162	259092	56.056	ng	97
30) 1,2,4-Trichlorobenzene	7.67	180	218414	49.577	ng	98
31) Naphthalene	7.75	128	876732	54.925	ng	99
32) Benzoic acid	7.58	122	187951	46.914	ng	91
33) 4-Chloroaniline	7.82	127	141103	21.725	ng	96
34) Hexachlorobutadiene	7.86	225	114666	49.095	ng	100
35) Caprolactam	8.19	113	37272	25.148	ng	# 52
36) 4-Chloro-3-methylphenol	8.32	107	281418	55.809	ng	# 86
37) 2-Methylnaphthalene	8.43	142	592277	58.603	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	202898	50.374	ng	99
40) Hexachlorocyclopentadiene	8.59	237	112160	79.663	ng	99

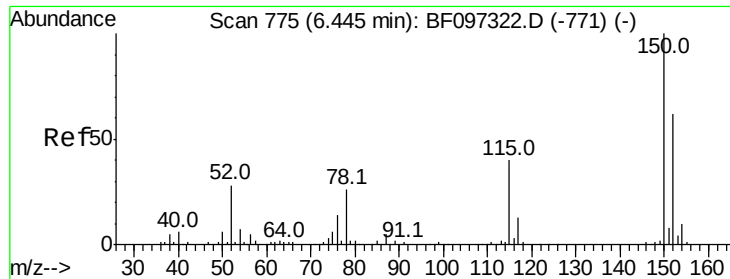
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097358.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	150532	51.572	ng	98
43) 2,4,5-Trichlorophenol	8.77	196	146584	50.174	ng	99
45) 1,1'-Biphenyl	8.90	154	666677	51.707	ng	98
46) 2-Chloronaphthalene	8.92	162	514539	54.230	ng	# 93
47) 2-Nitroaniline	9.03	65	189721	55.097	ng	96
48) Acenaphthylene	9.33	152	790686	54.292	ng	99
49) Dimethylphthalate	9.21	163	659100	57.497	ng	98
50) 2,6-Dinitrotoluene	9.27	165	138581	57.000	ng	# 88
51) Acenaphthene	9.50	154	484648	56.496	ng	98
52) 3-Nitroaniline	9.44	138	96383	31.939	ng	95
53) 2,4-Dinitrophenol	9.56	184	135501	122.577	ng	# 75
54) Dibenzofuran	9.67	168	715528	62.621	ng	94
55) 4-Nitrophenol	9.64	139	146743	81.768	ng	# 65
56) 2,4-Dinitrotoluene	9.68	165	182108	65.157	ng	# 74
57) Fluorene	10.01	166	541344	63.035	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	124012	61.477	ng	99
59) Diethylphthalate	9.90	149	618924	58.852	ng	99
60) 4-Chlorophenyl-phenylether	10.00	204	217468	61.322	ng	99
61) 4-Nitroaniline	10.06	138	158695	55.344	ng	92
62) Azobenzene	10.17	77	617571	63.300	ng	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	100506	65.301	ng	89
65) n-Nitrosodiphenylamine	10.13	169	505972	58.710	ng	98
66) 4-Bromophenyl-phenylether	10.49	248	138284	55.943	ng	96
67) Hexachlorobenzene	10.56	284	141802	51.156	ng	# 94
68) Atrazine	10.67	200	127706	51.676	ng	95
69) Pentachlorophenol	10.76	266	120036	104.660	ng	99
70) Phenanthrene	10.96	178	765193	57.658	ng	99
71) Anthracene	11.02	178	781092	57.464	ng	99
72) Carbazole	11.17	167	814076	60.897	ng	99
73) Di-n-butylphthalate	11.52	149	937558	56.737	ng	99
74) Fluoranthene	12.14	202	815405	62.717	ng	99
76) Benzidine	12.27	184	33492	5.641	ng	99
77) Pyrene	12.36	202	798805	60.978	ng	99
79) Butylbenzylphthalate	12.99	149	419622	62.972	ng	# 77
80) Benzo(a)anthracene	13.54	228	594511	57.420	ng	99
81) 3,3'-Dichlorobenzidine	13.52	252	163522	41.881	ng	# 97
82) Chrysene	13.59	228	599958	59.343	ng	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	476422	54.759	ng	98
84) Di-n-octyl phthalate	14.16	149	855078	53.555	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.10	276	449936	51.901	ng	99
87) Benzo(b)fluoranthene	14.54	252	517051	59.889	ng	99
88) Benzo(k)fluoranthene	14.57	252	485467	59.010	ng	96
89) Benzo(a)pyrene	14.84	252	455815	57.687	ng	99
90) Dibenzo(a,h)anthracene	16.10	278	365140	56.352	ng	97
91) Benzo(g,h,i)perylene	16.44	276	401858	59.140	ng	99

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

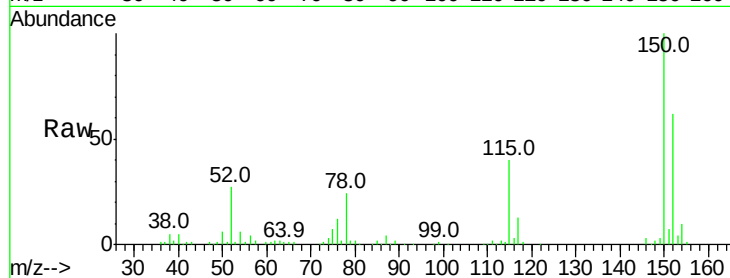


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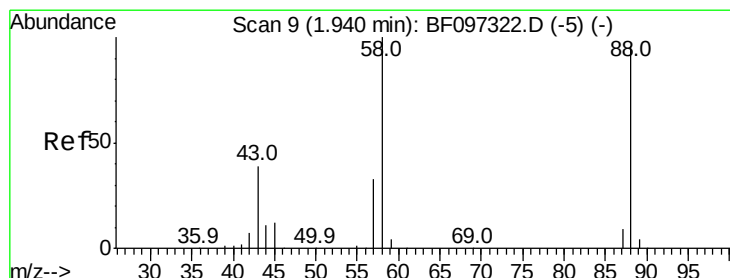
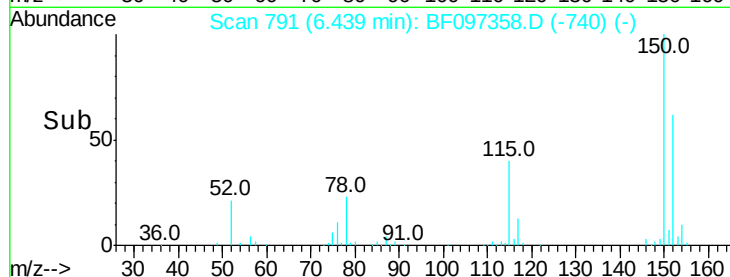
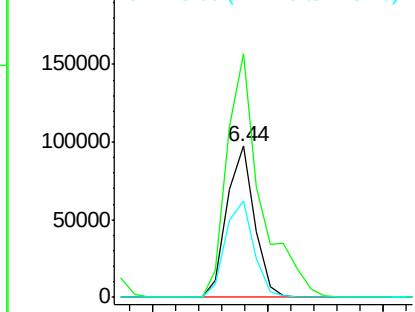
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion:152 Resp: 80488
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 63.9 52.2 78.2



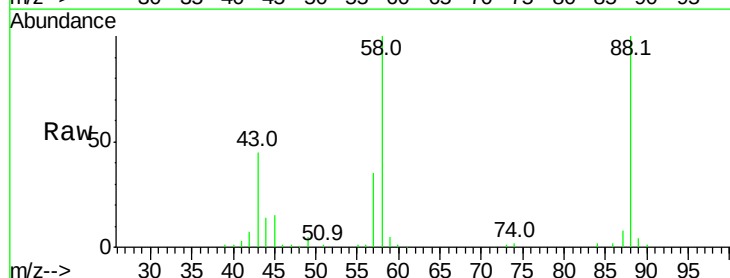
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



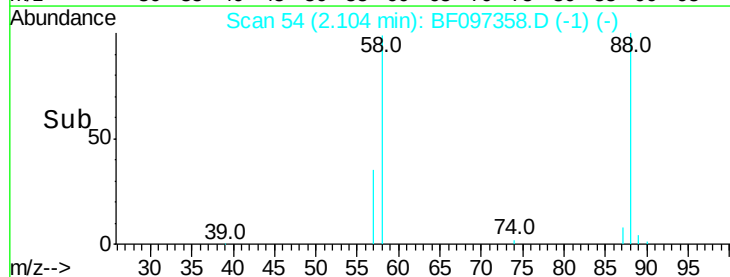
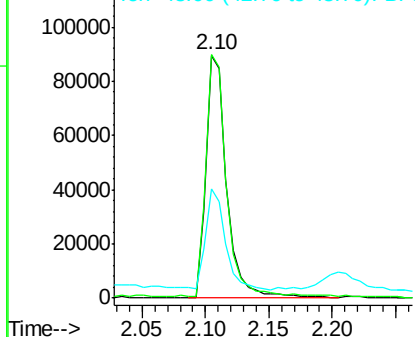
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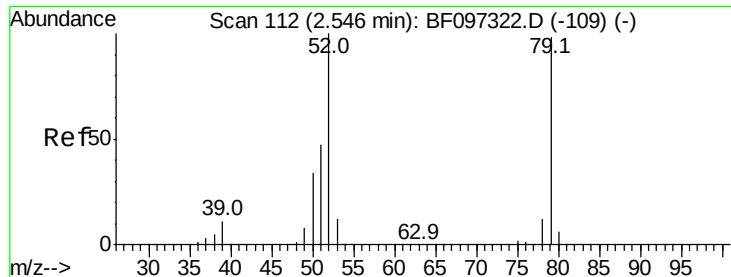
1,4-Dioxane
Concen: 46.136 ng
RT: 2.10 min Scan# 54
Delta R.T. 0.17 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion: 88 Resp: 102796
Ion Ratio Lower Upper
88 100
58 98.5 61.4 92.0#
43 0.0 23.4 35.0#



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





#3

Pvridine

Concen: 27.515 ng

RT: 2.72 min Scan# 158

Delta R.T. 0.18 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

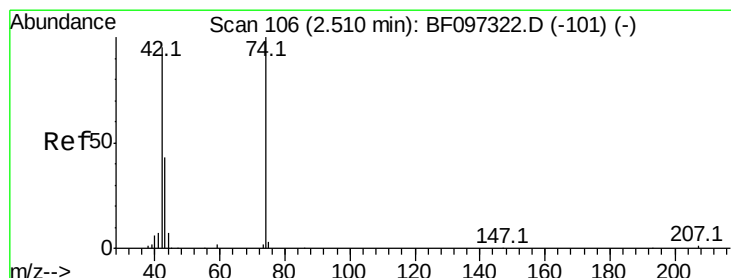
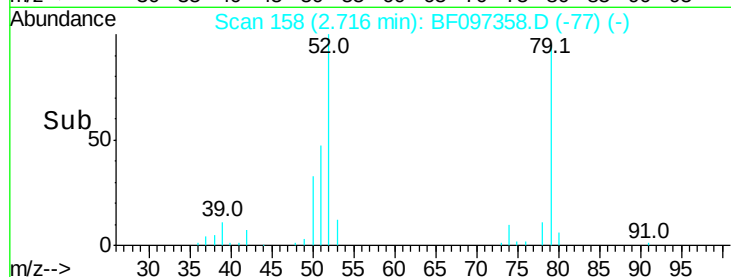
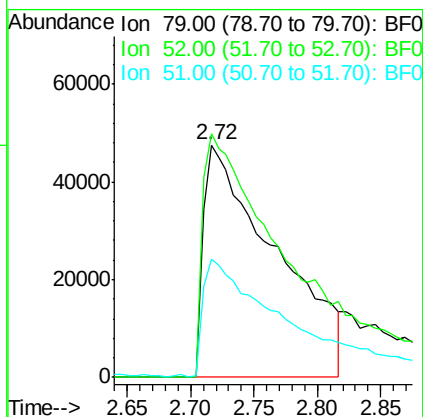
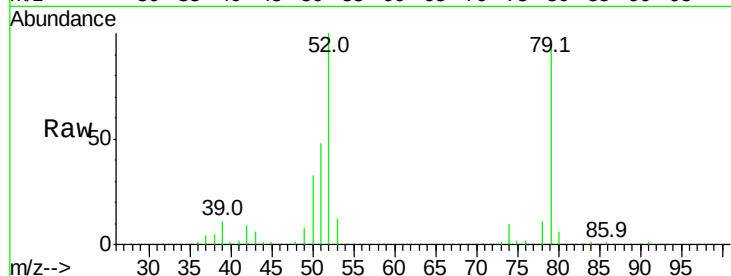
Tot Ion: 79 Resp: 187725

Ion Ratio Lower Upper

79 100

52 104.8 54.8 82.2#

51 50.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 47.423 ng

RT: 2.62 min Scan# 142

Delta R.T. 0.12 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

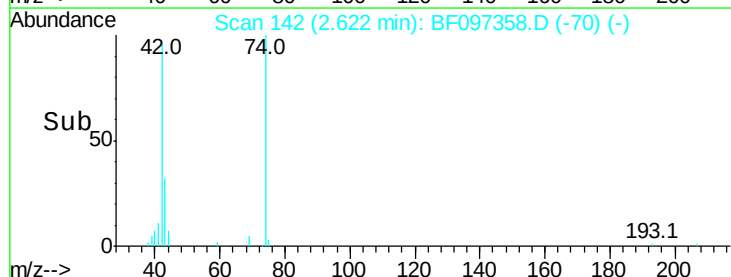
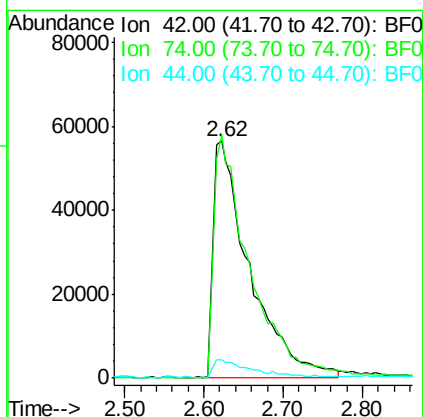
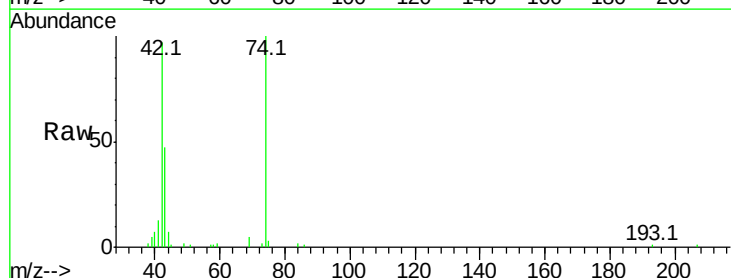
Tgt Ion: 42 Resp: 179246

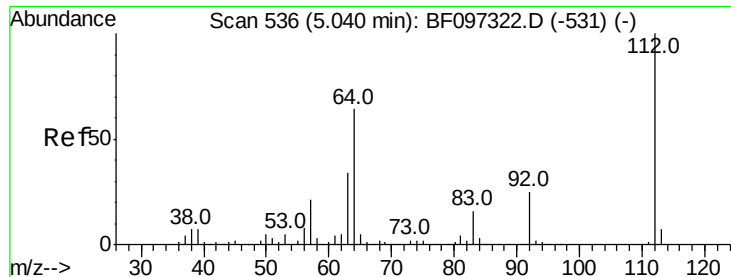
Ion Ratio Lower Upper

42 100

74 102.7 103.9 155.9#

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 147.251 ng

RT: 5.06 min Scan# 557

Delta R.T. 0.03 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

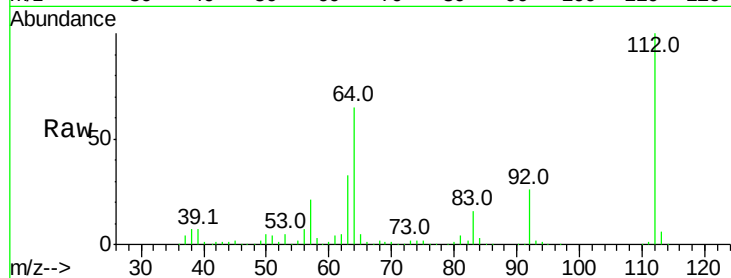
Tot Ion:112 Resp: 786203

Ion Ratio Lower Upper

112 100

64 64.6 46.0 69.0

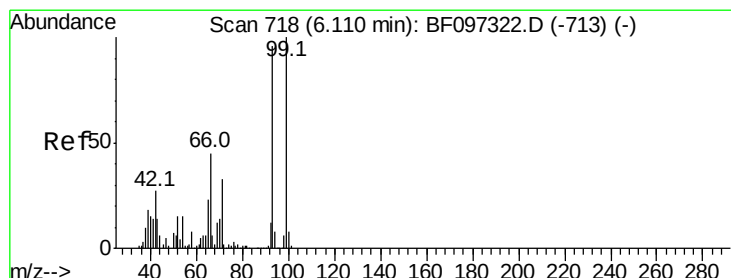
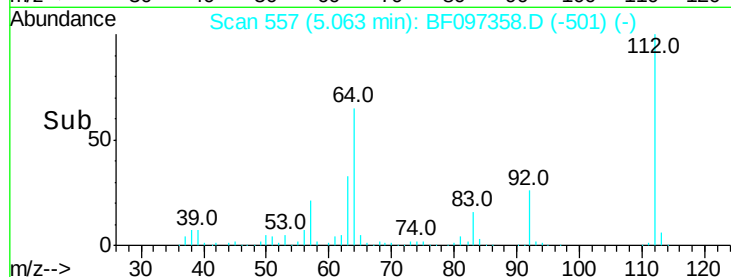
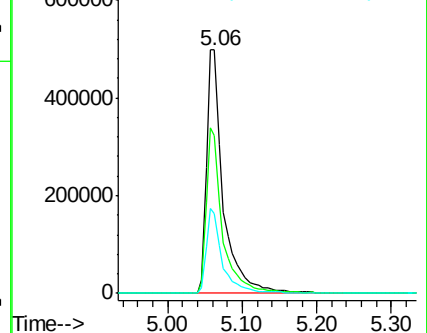
63 32.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.737 ng

RT: 6.11 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

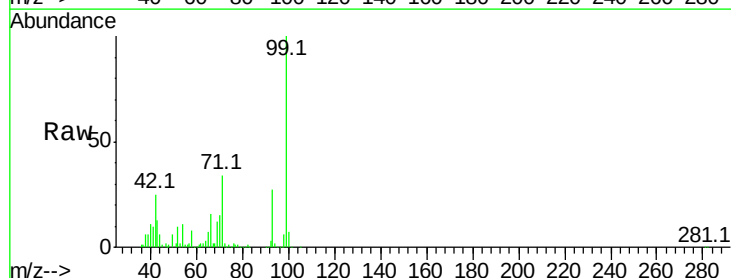
Tgt Ion: 93 Resp: 220418

Ion Ratio Lower Upper

93 100

66 59.7 32.9 49.3#

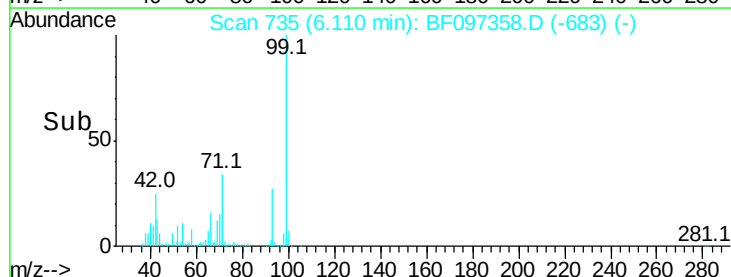
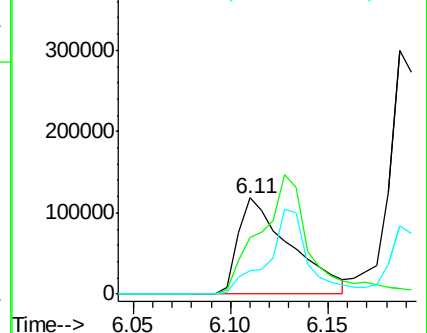
65 24.9 16.0 24.0#

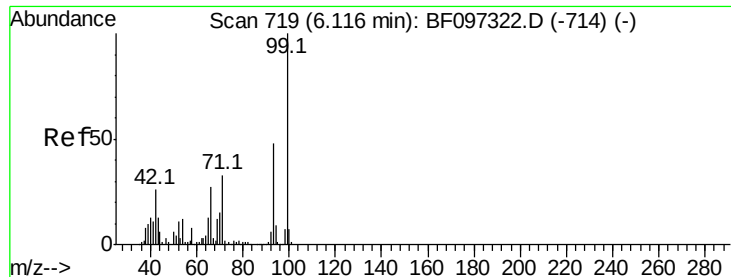


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.919 ng

RT: 6.12 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

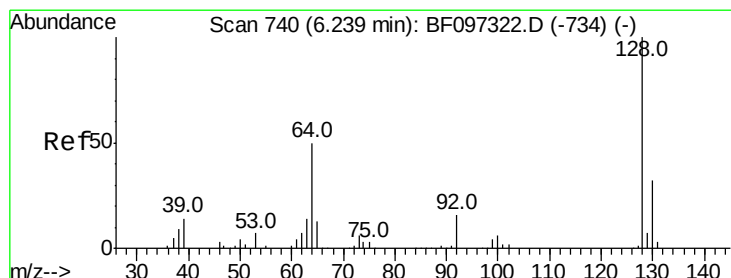
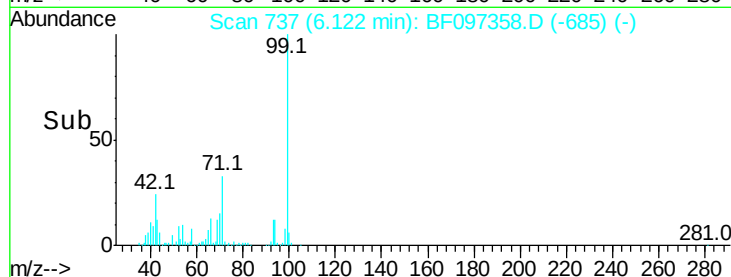
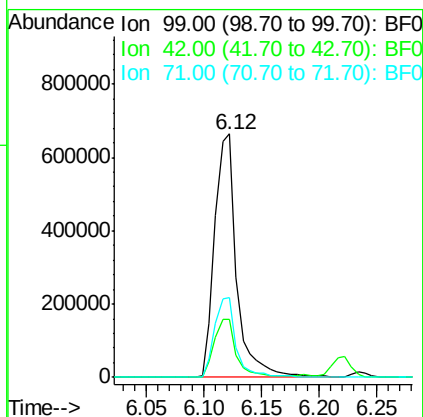
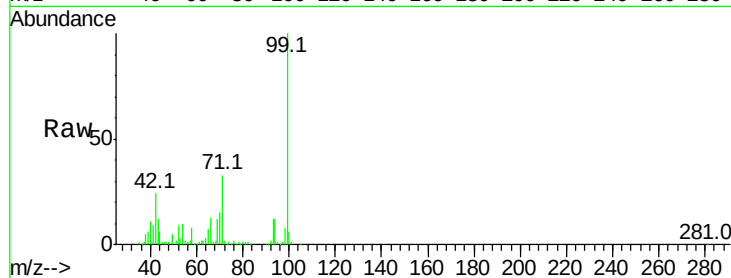
Tot Ion: 99 Resp: 883331

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

71 32.7 24.5 36.7



#8

2-Chlorophenol

Concen: 49.315 ng

RT: 6.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

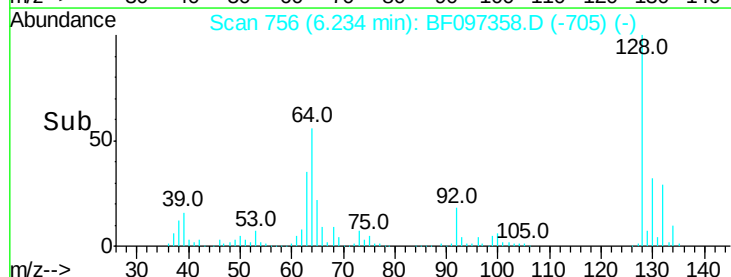
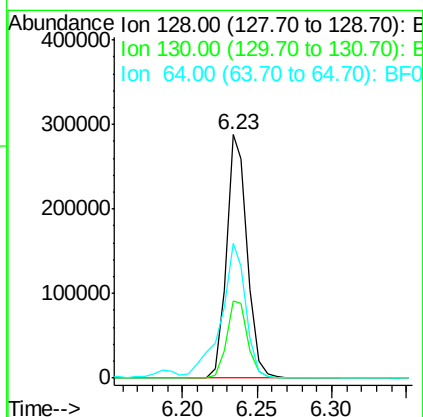
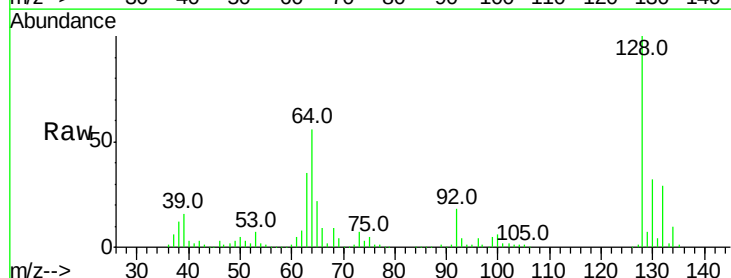
Tgt Ion: 128 Resp: 281546

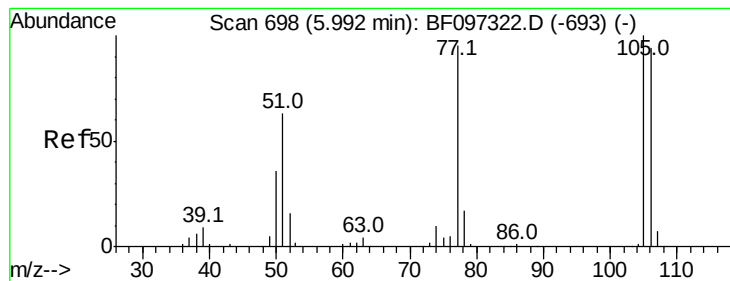
Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

64 55.6 28.4 68.4





#9

Benzaldehyde

Concen: 29.391 ng

RT: 5.99 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

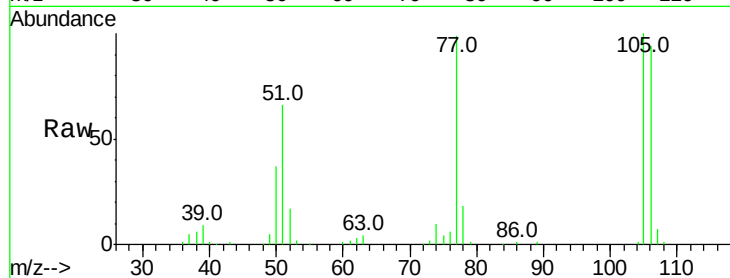
Tot Ion: 77 Resp: 106040

Ion Ratio Lower Upper

77 100

105 100.8 83.8 123.8

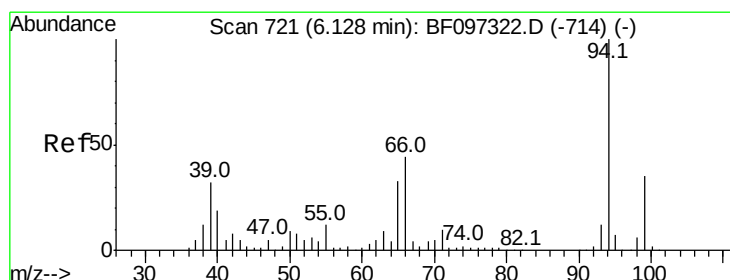
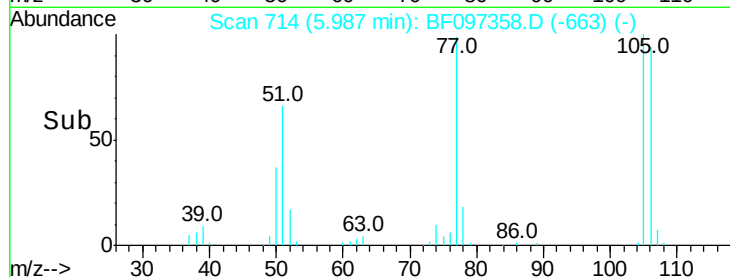
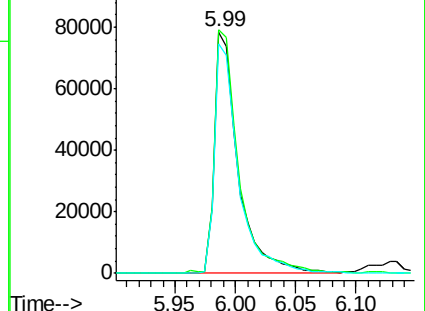
106 94.8 79.1 119.1



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: 46.891 ng

RT: 6.13 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

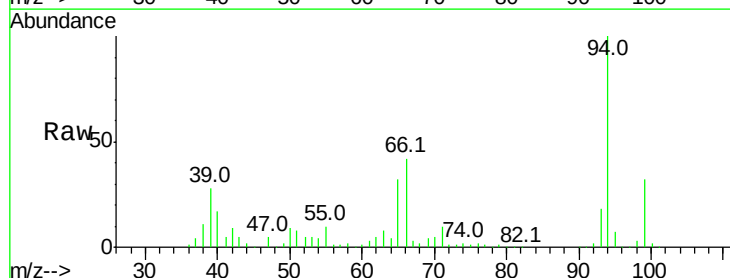
Tgt Ion: 94 Resp: 339018

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

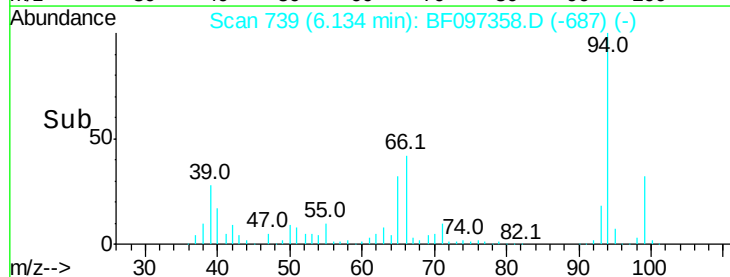
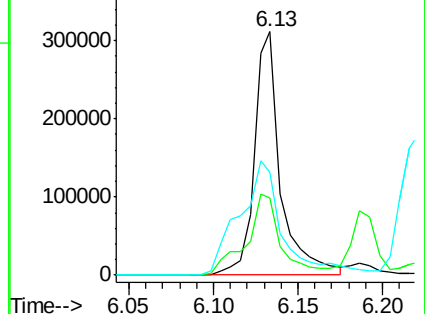
66 42.3 23.1 63.1

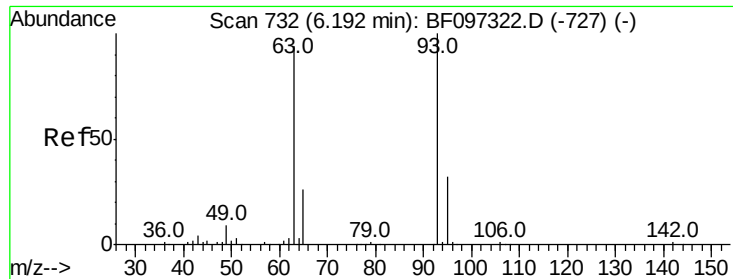


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 56.575 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

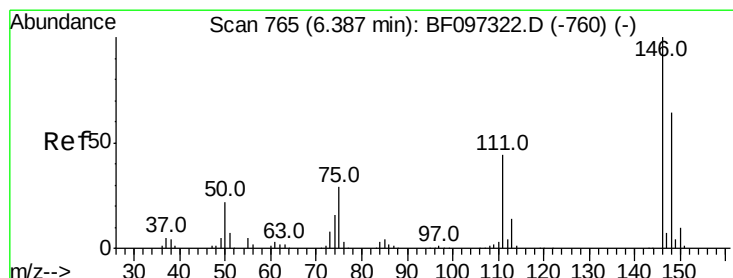
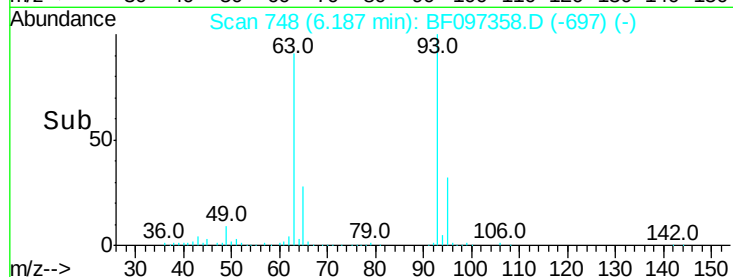
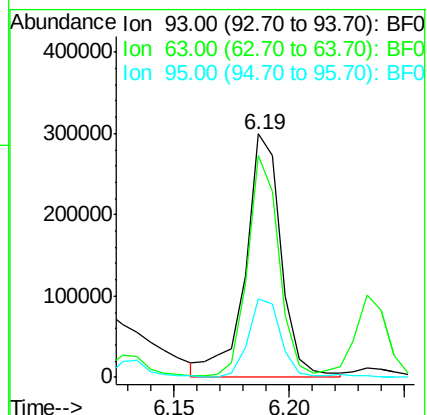
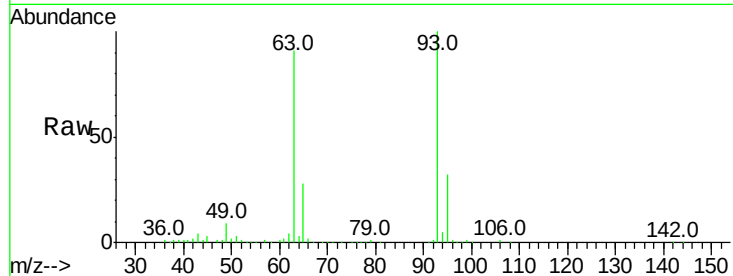
Tot Ion: 93 Resp: 323513

Ion Ratio Lower Upper

93 100

63 91.3 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 45.855 ng

RT: 6.38 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

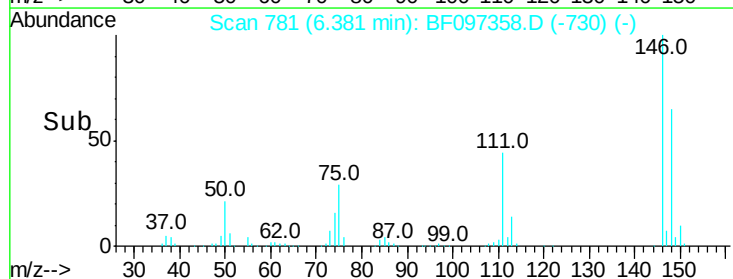
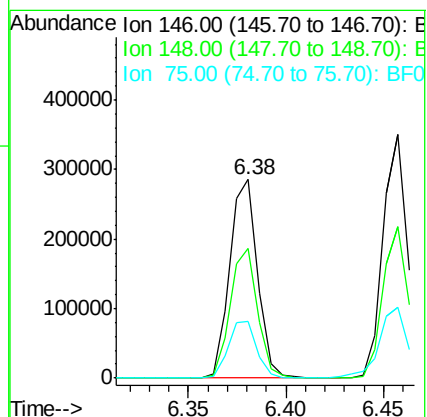
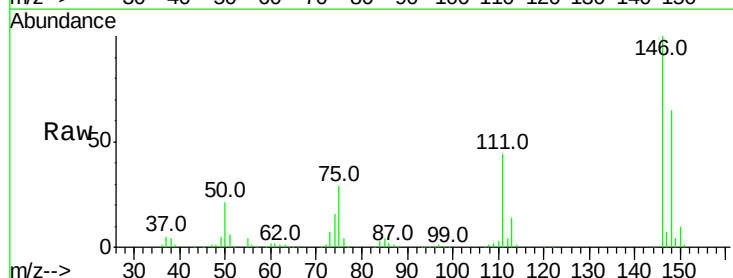
Tgt Ion: 146 Resp: 282127

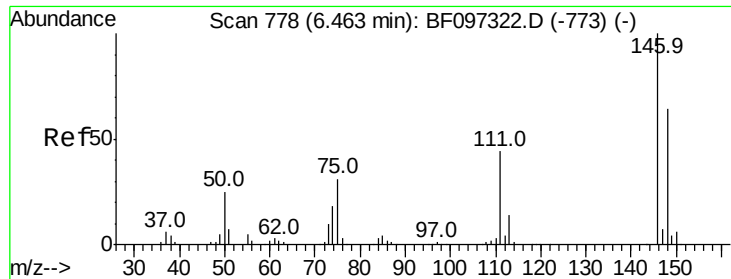
Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

75 28.5 23.1 34.7

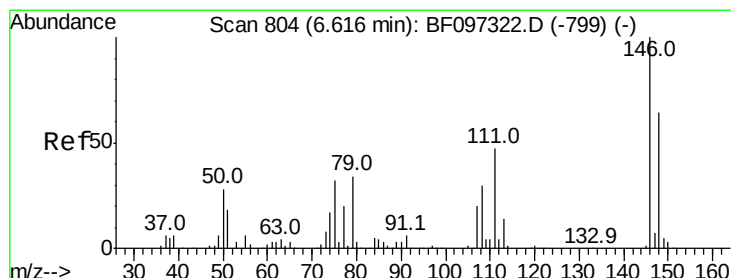
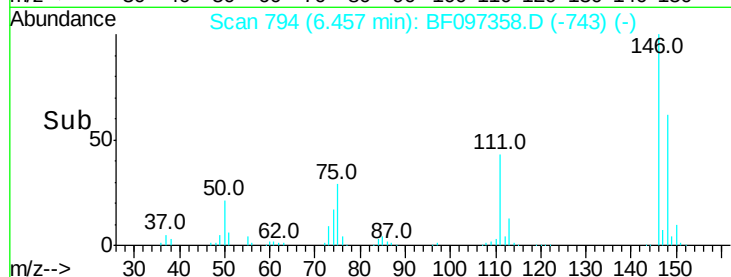
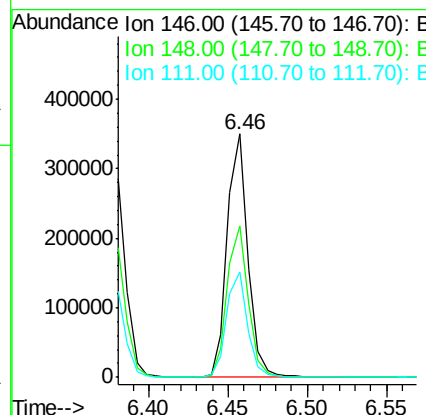
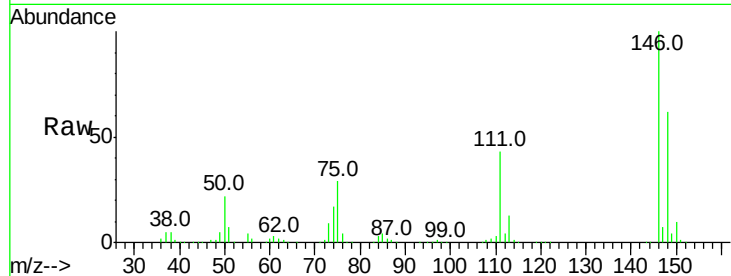




#13
 1,4-Dichlorobenzene
 Concen: 51.882 ng
 RT: 6.46 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

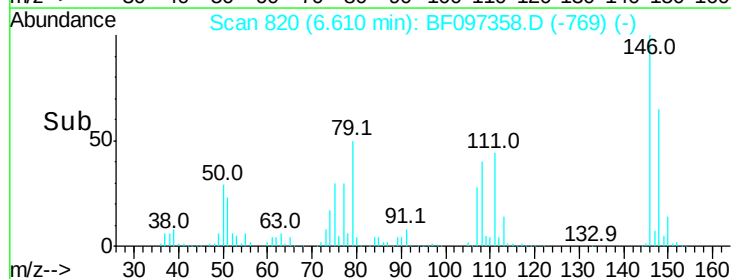
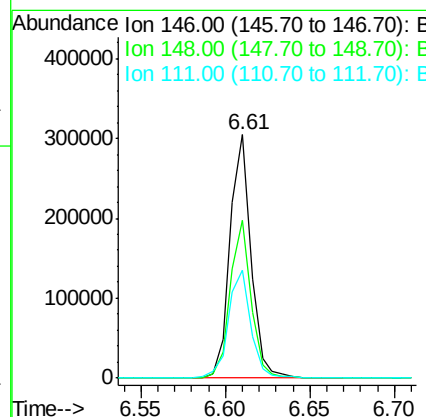
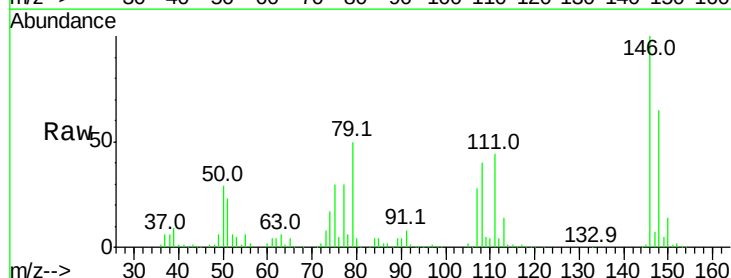
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

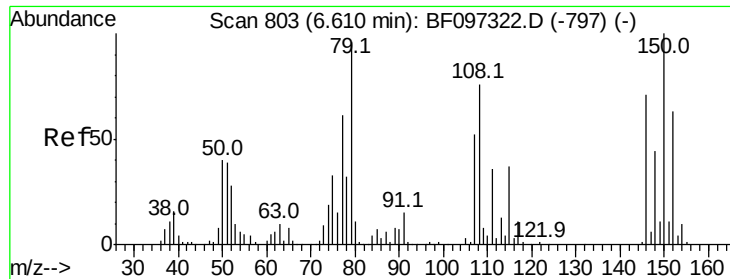
Tot Ion:146 Resp: 316340
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 111 43.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 49.402 ng
 RT: 6.61 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:146 Resp: 263004
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 44.5 38.2 57.4

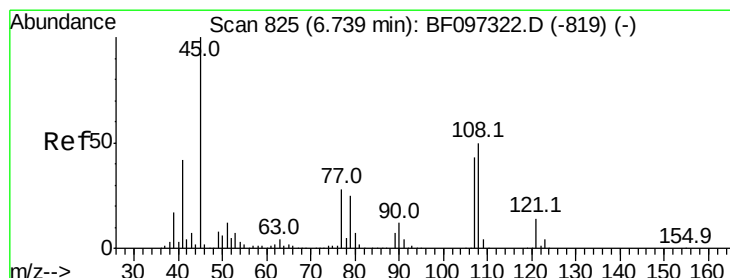
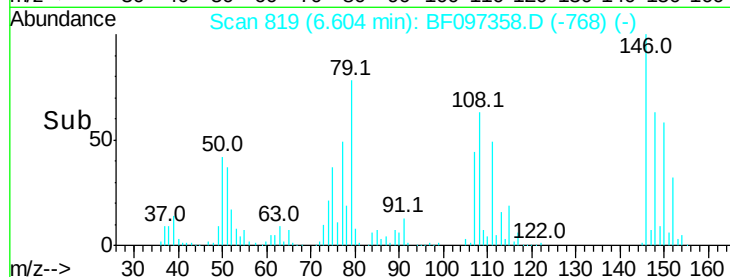
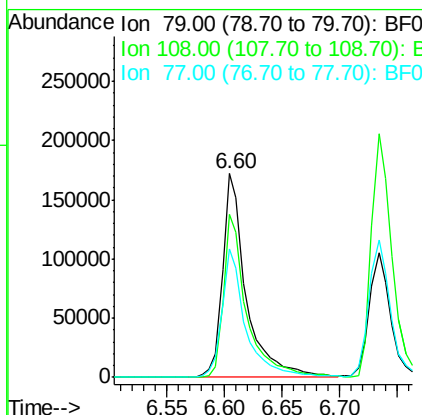
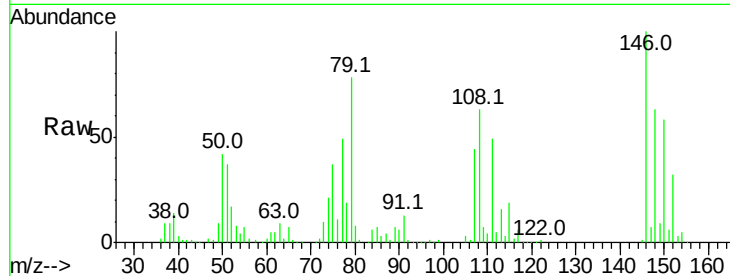




#15
Benzyl Alcohol
Concen: 63.812 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

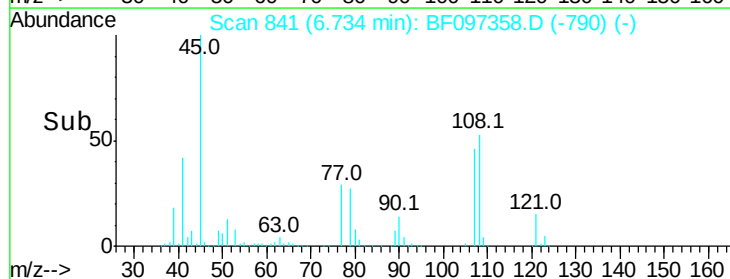
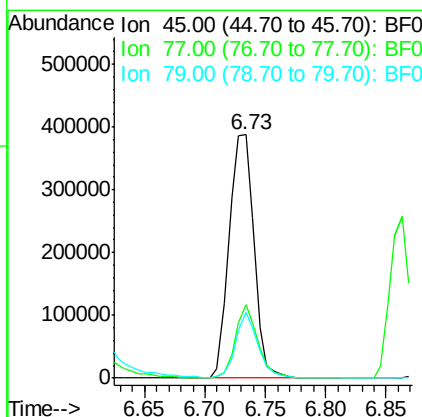
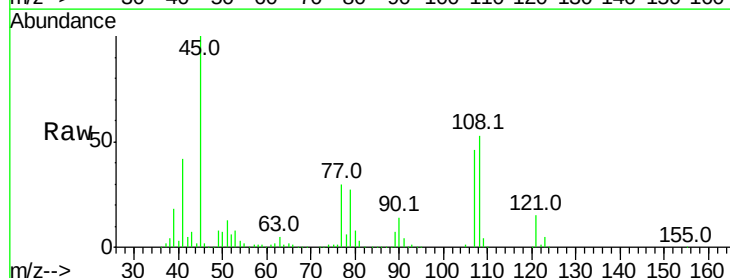
Instrument :
BNA_F
ClientSampleId :
A4129MS

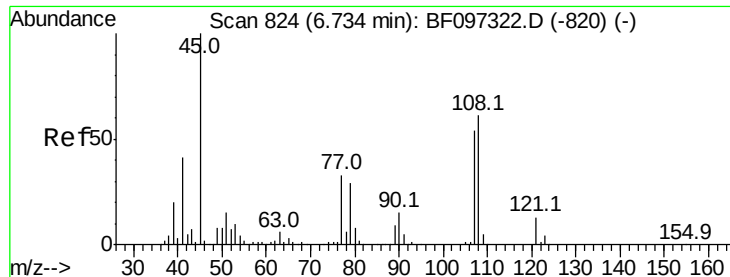
Tot Ion: 79 Resp: 246258
Ion Ratio Lower Upper
79 100
108 80.3 63.4 95.0
77 63.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.606 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion: 45 Resp: 557473
Ion Ratio Lower Upper
45 100
77 29.9 0.0 33.2
79 27.1 0.0 30.0





#17

2-Methylphenol

Concen: 51.536 ng

RT: 6.73 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion:107 Resp: 227080

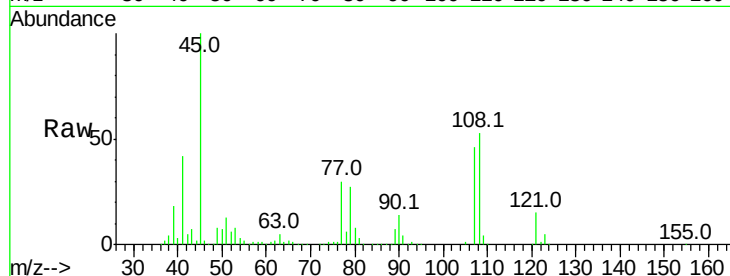
Ion Ratio Lower Upper

107 100

108 114.7 93.4 140.0

77 64.7 35.8 53.6#

79 58.7 34.8 52.2#

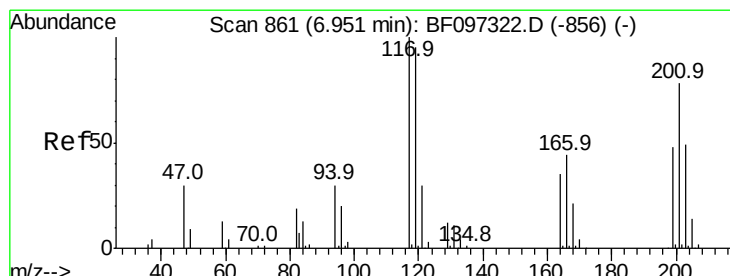
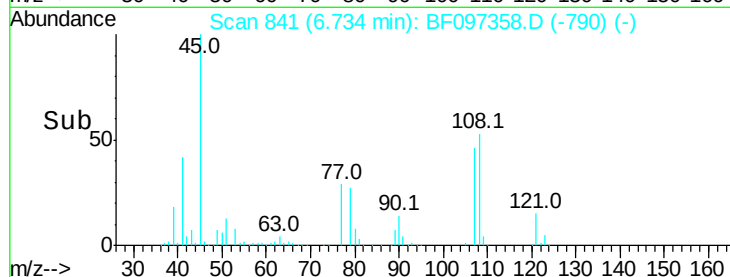
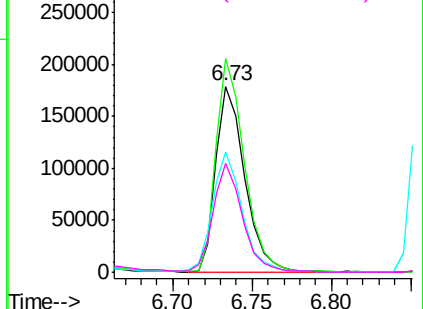


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 47.061 ng

RT: 6.95 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

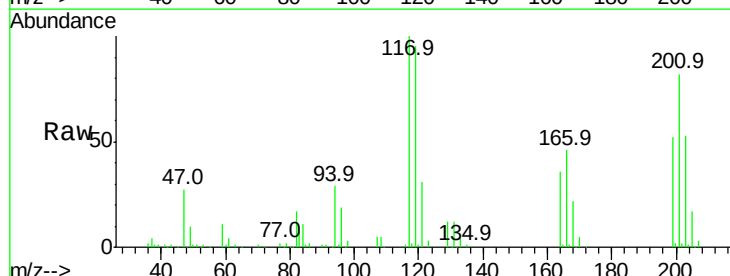
Tgt Ion:117 Resp: 104976

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

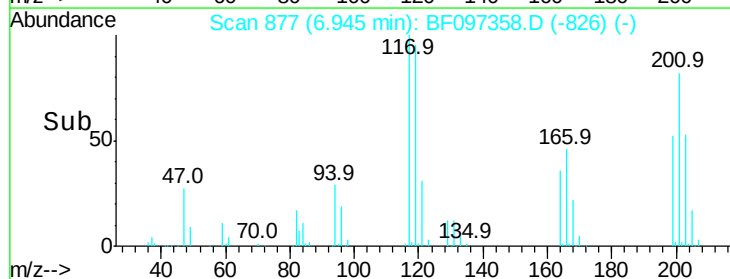
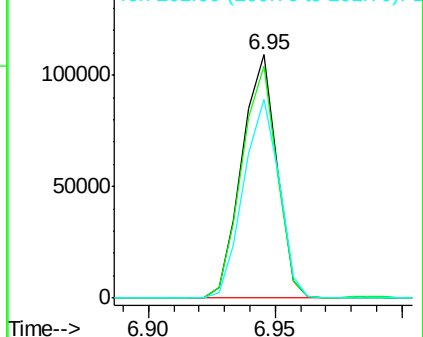
201 81.6 94.6 141.8#

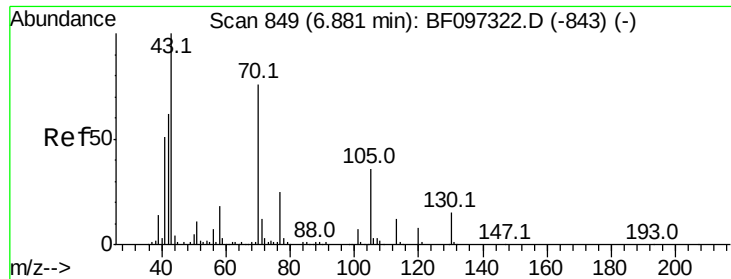


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

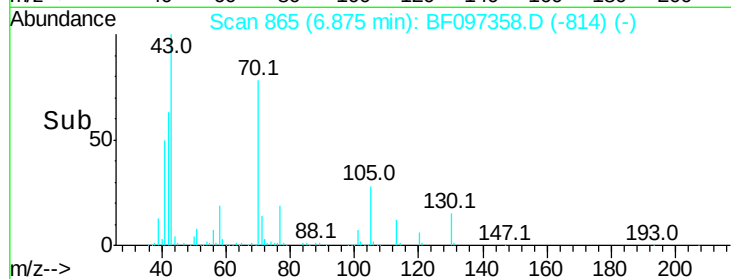
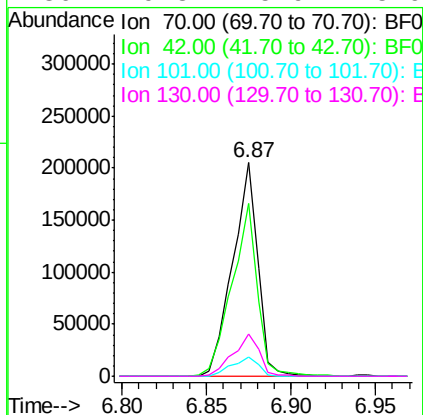
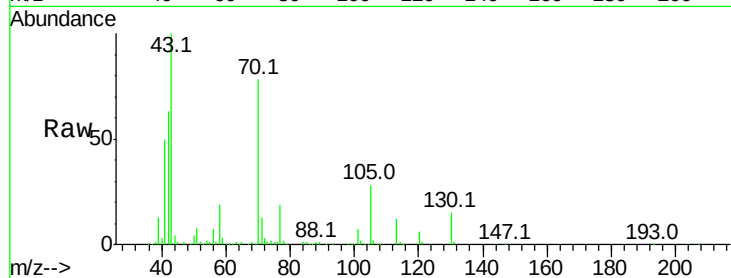




#19
n-Nitroso-di-n-propylamine
Concen: 52.712 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

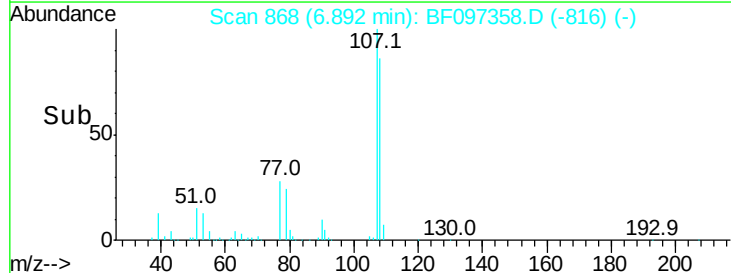
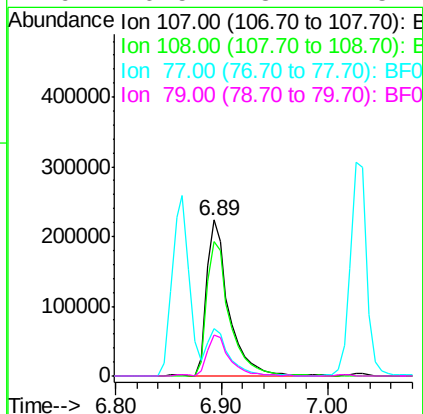
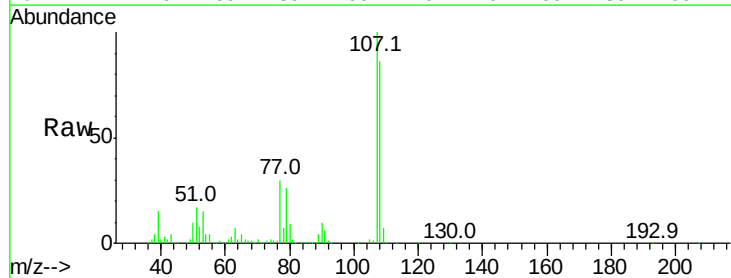
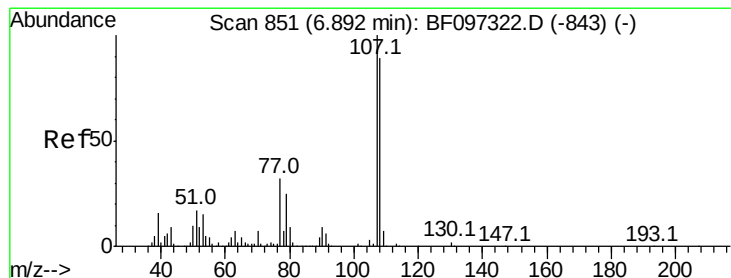
Instrument :
BNA_F
ClientSampleId :
A4129MS

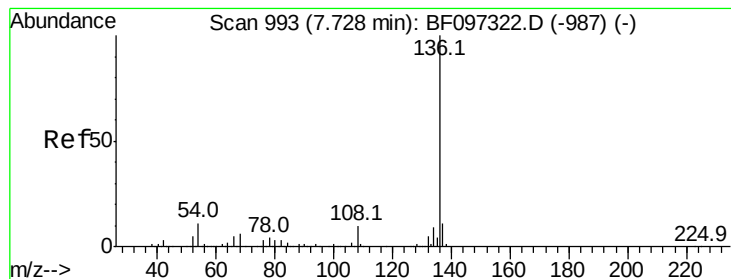
Tot Ion: 70 Resp: 211488
Ion Ratio Lower Upper
70 100
42 81.1 47.2 70.8#
101 8.9 7.2 10.8
130 19.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 55.581 ng
RT: 6.89 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion: 107 Resp: 319858
Ion Ratio Lower Upper
107 100
108 86.4 71.0 111.0
77 30.4 90.5 130.5#
79 26.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion:136 Resp: 338625

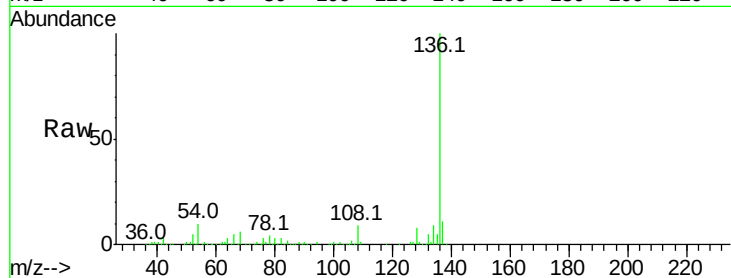
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.2 4.9 7.3#

68 5.7 4.1 6.1

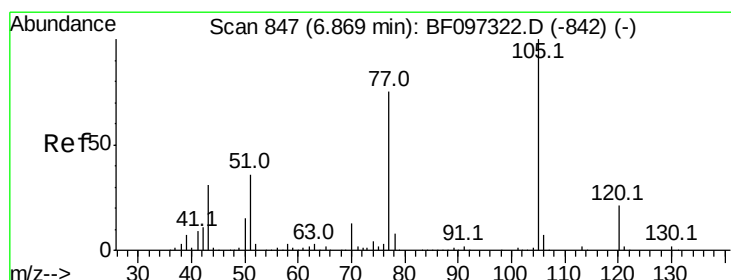
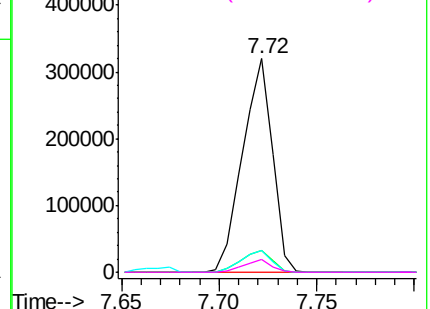
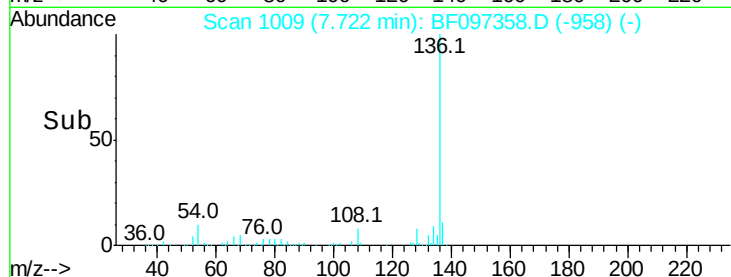


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.443 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:105 Resp: 402066

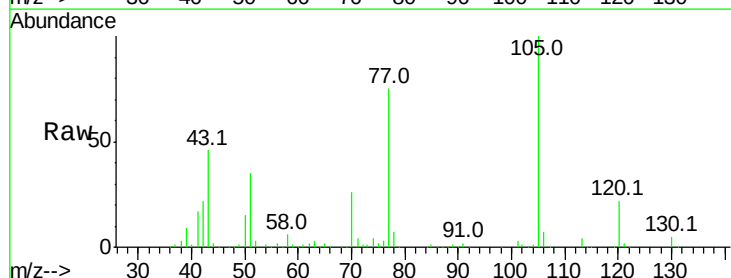
Ion Ratio Lower Upper

105 100

71 4.3 2.8 4.2#

51 35.1 30.7 46.1

120 22.0 17.4 26.0

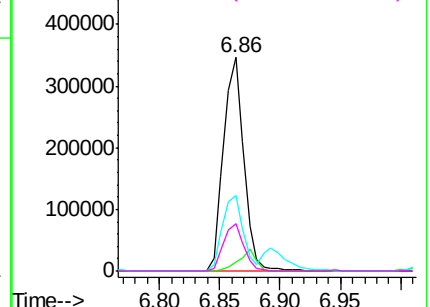
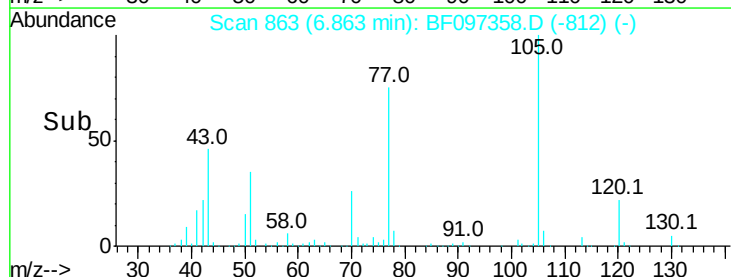


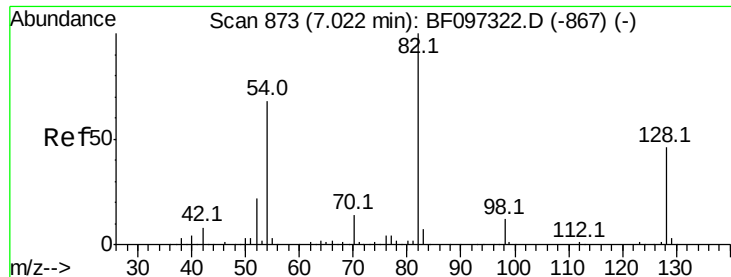
Abundance Ion 105.00 (104.70 to 105.70): E

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

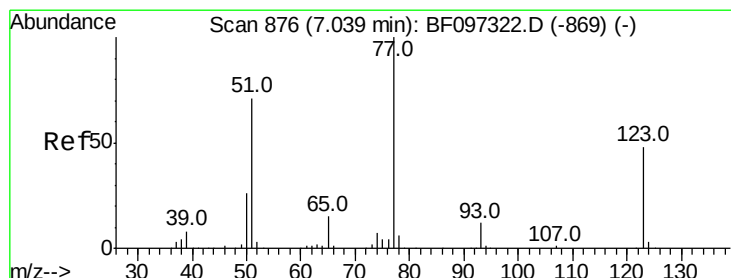
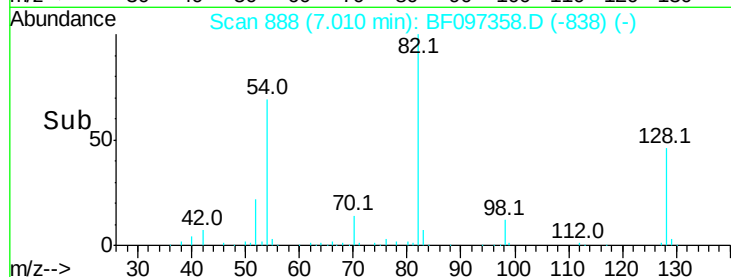
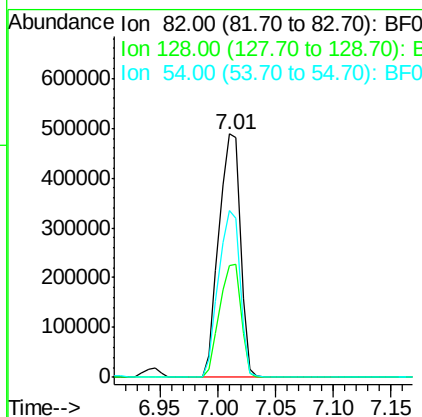
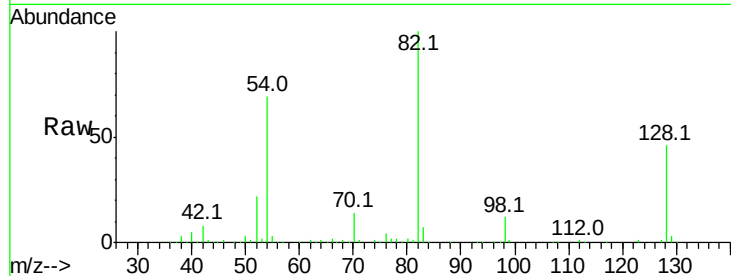




#23
 Nitrobenzene-d5
 Concen: 109.974 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

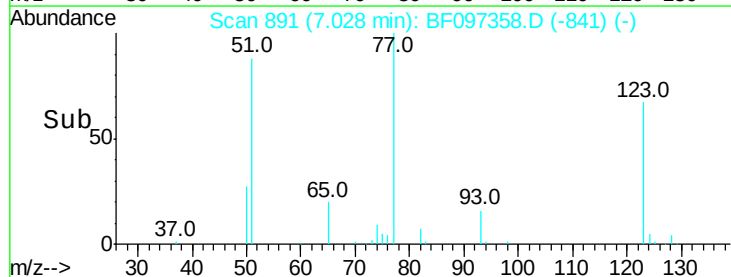
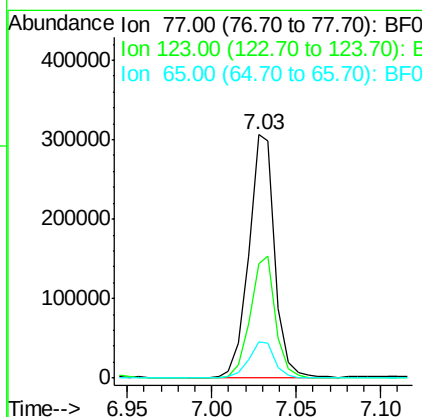
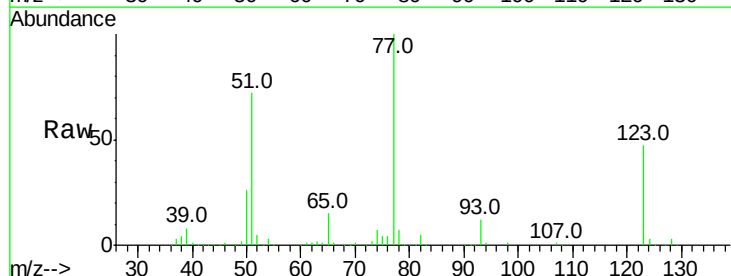
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

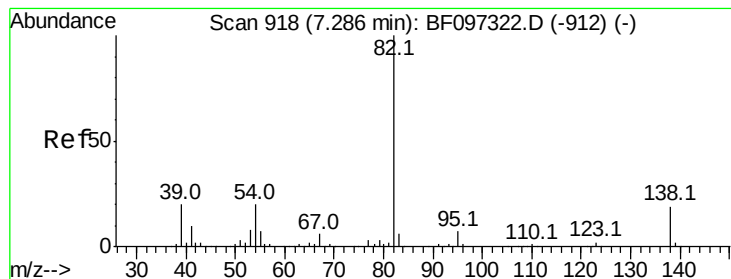
Tot Ion: 82 Resp: 634798
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 68.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 54.502 ng
 RT: 7.03 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion: 77 Resp: 327647
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 48.844 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

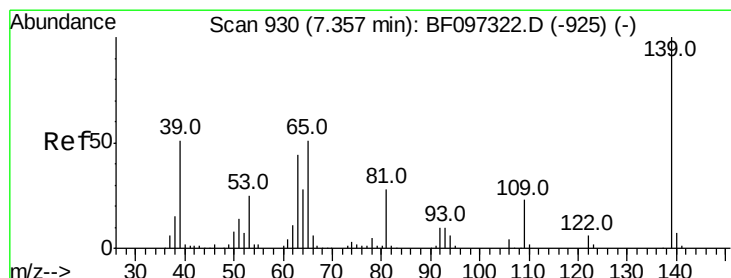
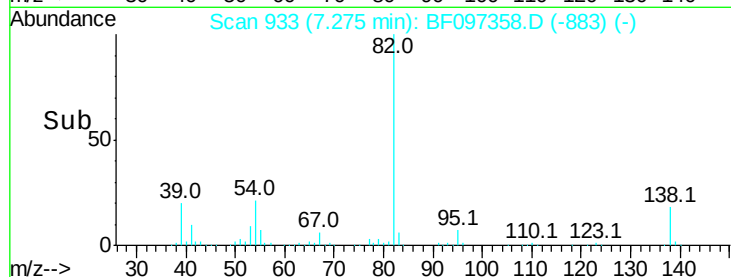
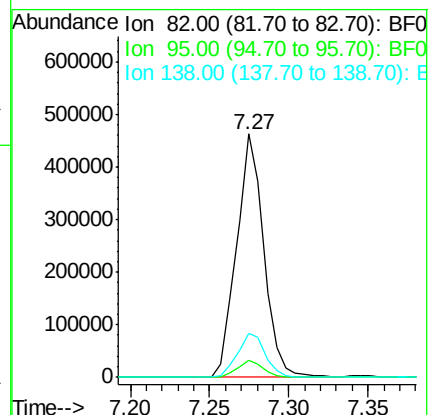
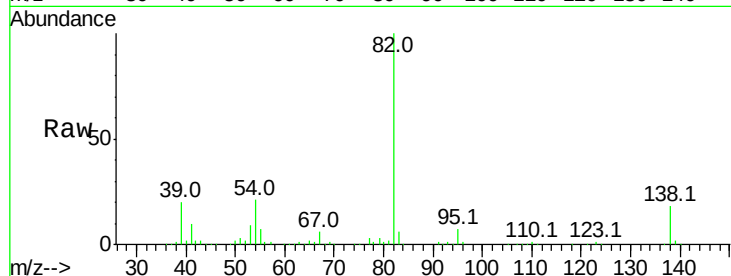
Tot Ion: 82 Resp: 552142

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 56.361 ng

RT: 7.35 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

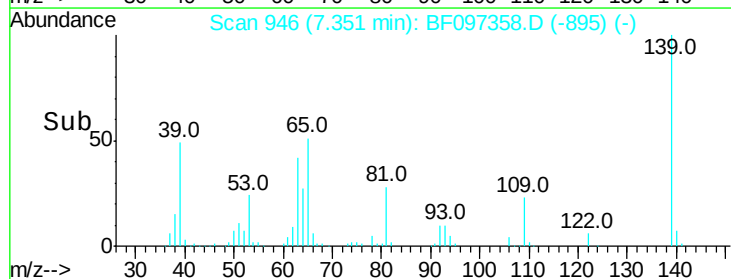
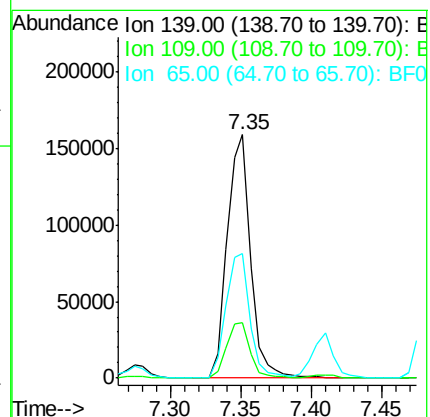
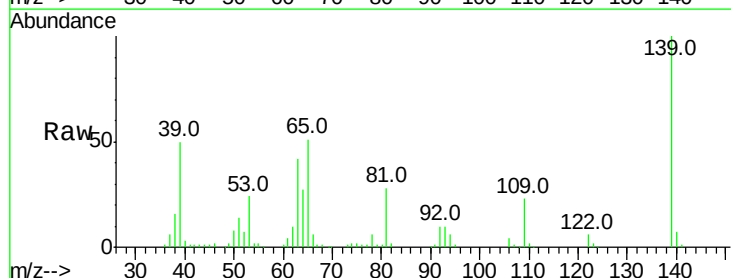
Tgt Ion:139 Resp: 183310

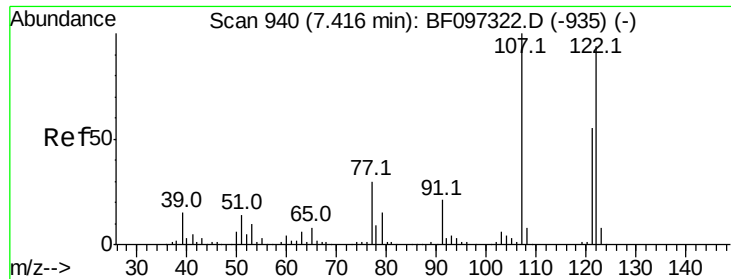
Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

65 51.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 52.727 ng

RT: 7.41 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

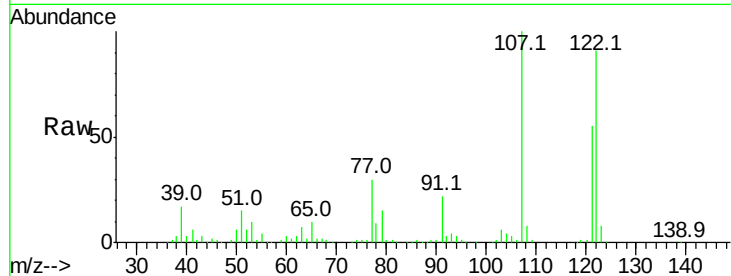
Tot Ion:122 Resp: 282890

Ion Ratio Lower Upper

122 100

107 109.9 89.2 133.8

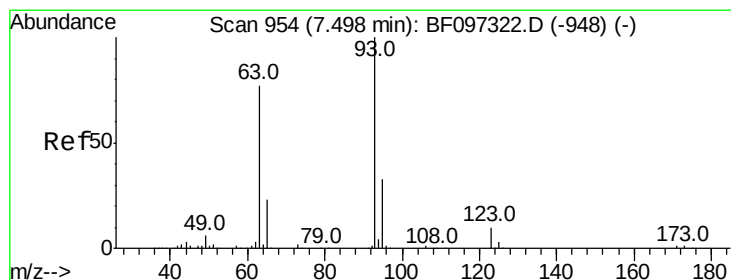
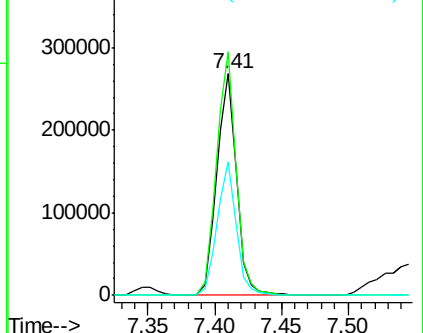
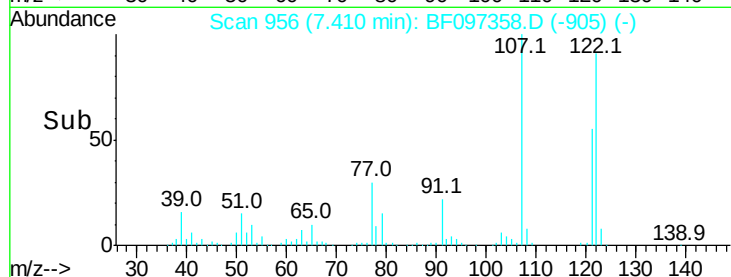
121 60.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.749 ng

RT: 7.49 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

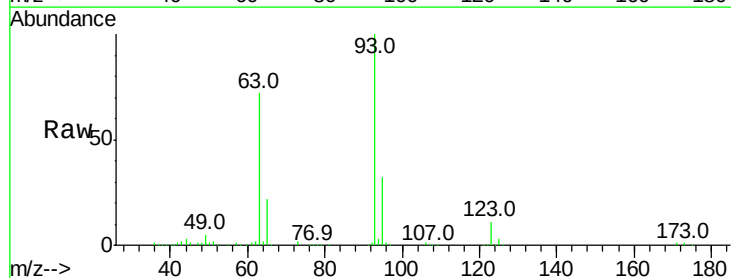
Tgt Ion: 93 Resp: 381750

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

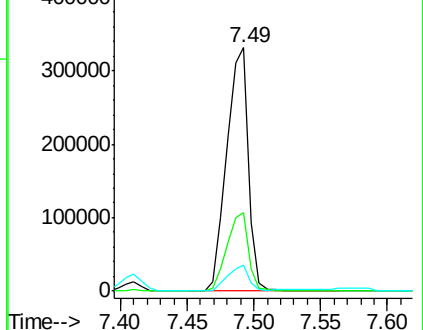
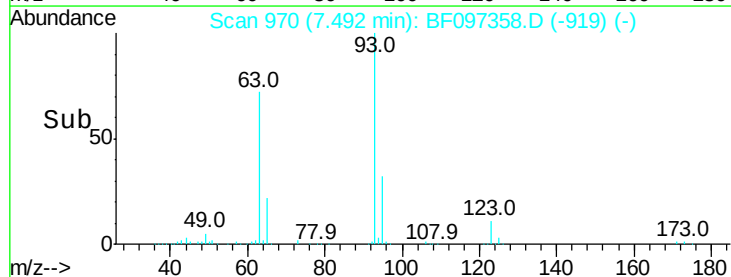
123 10.8 9.0 13.4

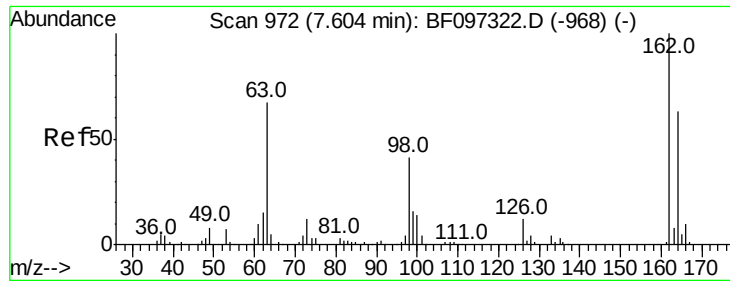


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

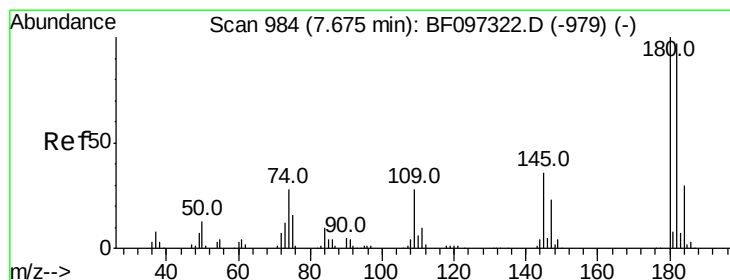
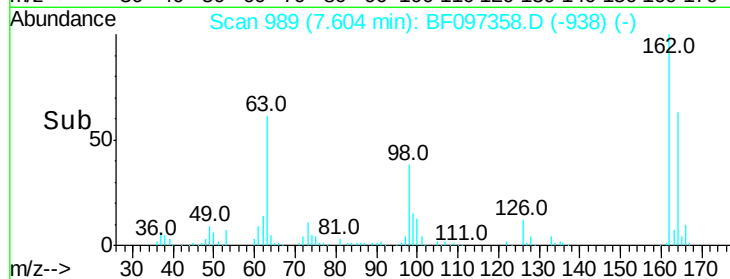
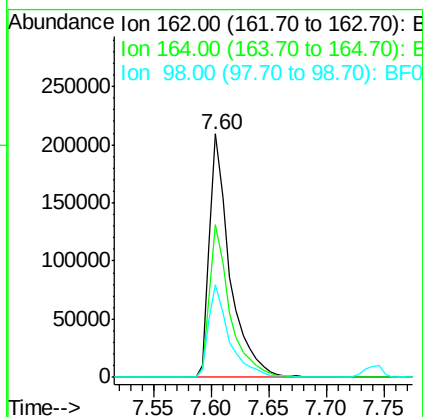
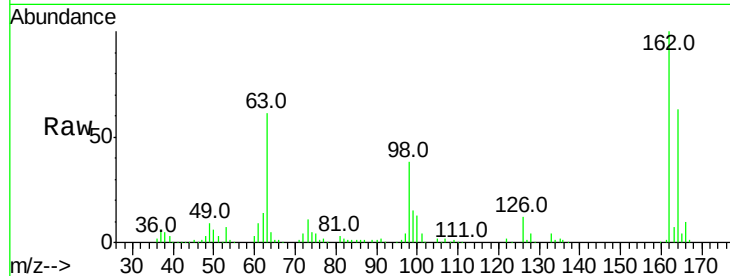




#29
 2,4-Dichlorophenol
 Concen: 56.056 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

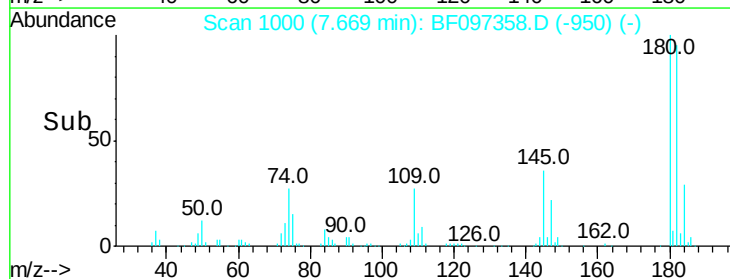
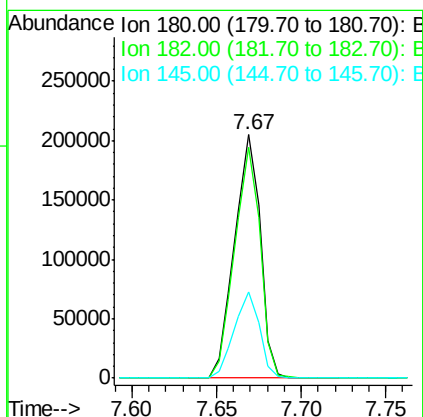
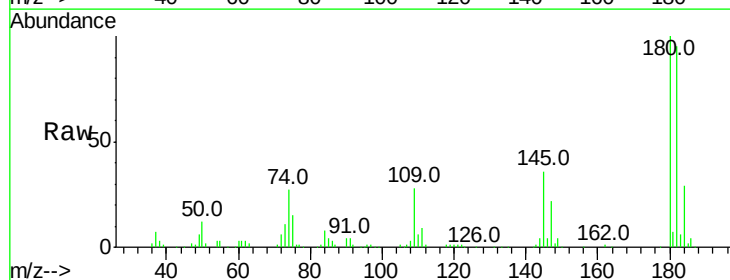
Instrument :
 BNA_F
 ClientSampled :
 A4129MS

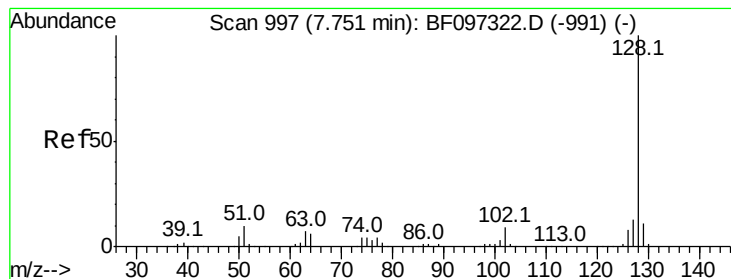
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	37.9	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 49.577 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	35.5	25.3	37.9





#31

Naphthalene

Concen: 54.925 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

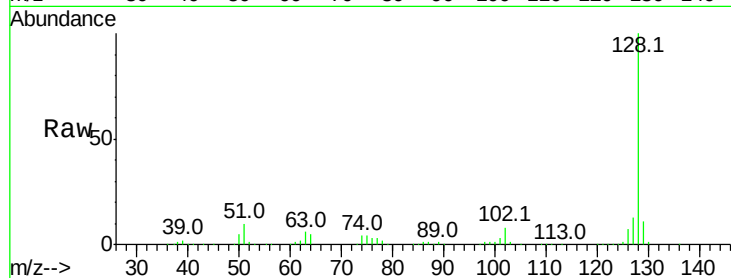
Tot Ion:128 Resp: 876732

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

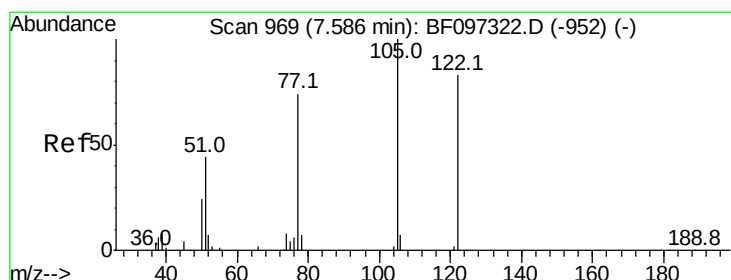
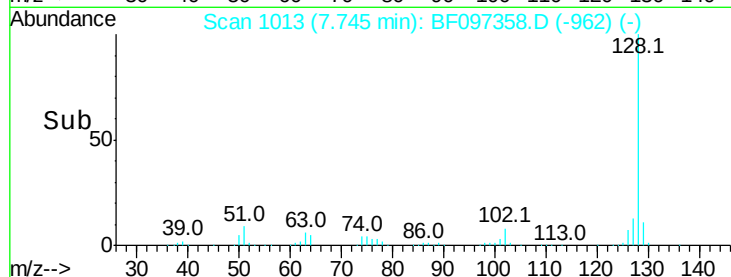
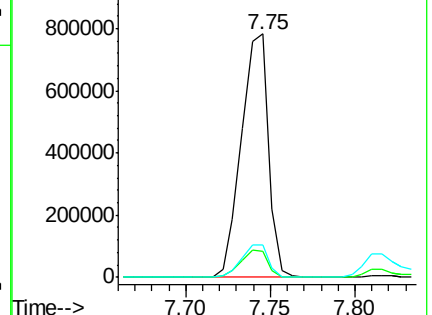
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.914 ng

RT: 7.58 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

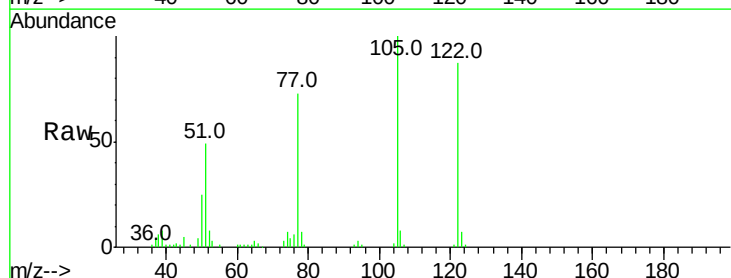
Tgt Ion:122 Resp: 187951

Ion Ratio Lower Upper

122 100

105 115.0 103.3 143.3

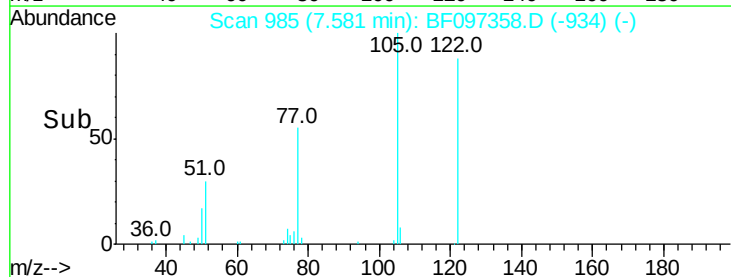
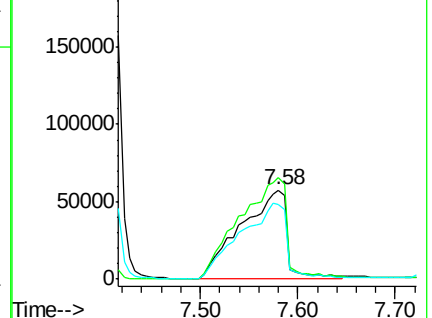
77 83.9 73.7 113.7

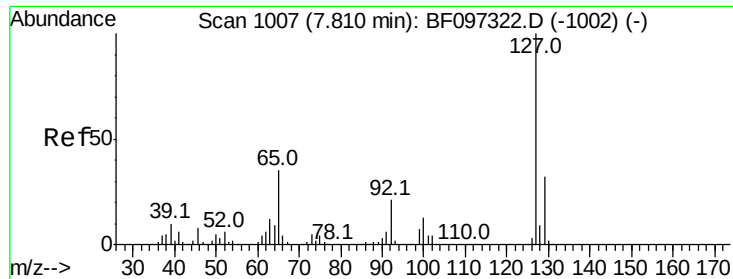


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

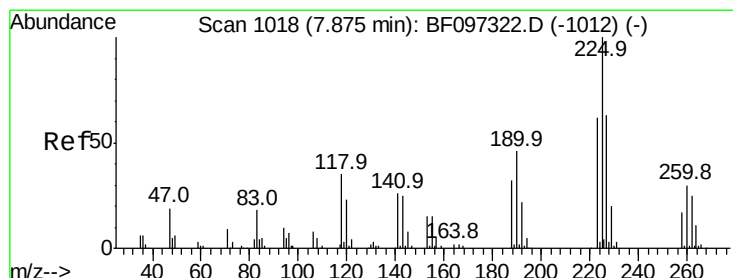
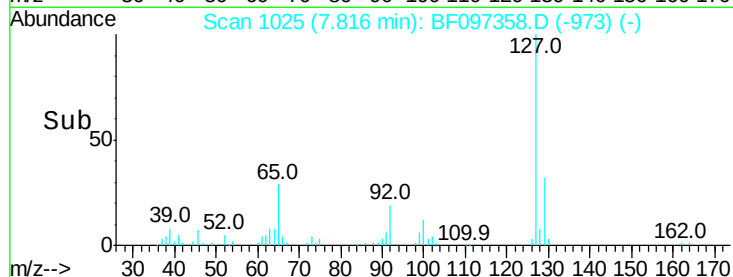
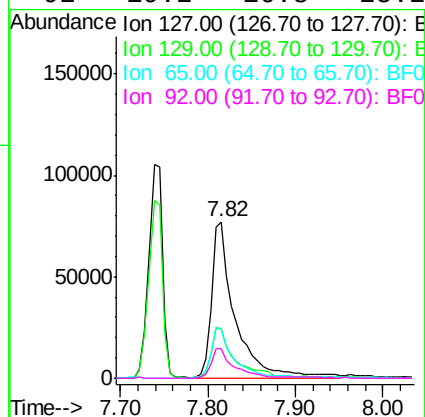
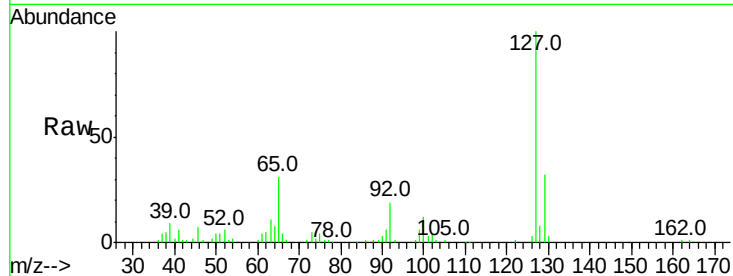




#33
 4-Chloroaniline
 Concen: 21.725 ng
 RT: 7.82 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

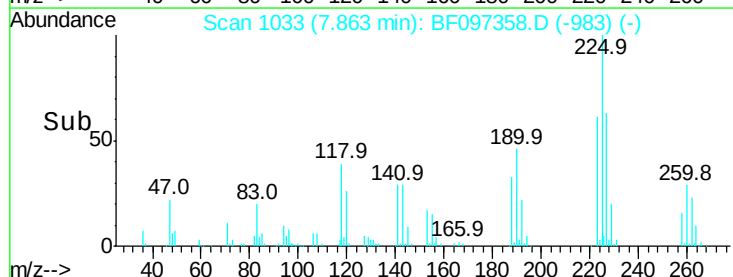
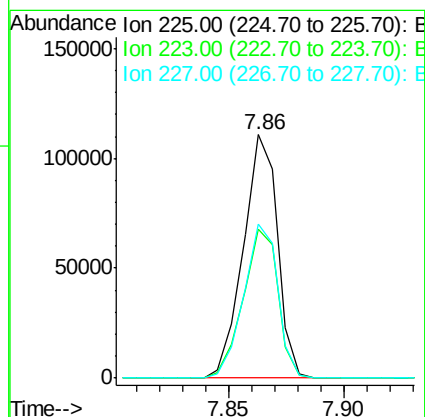
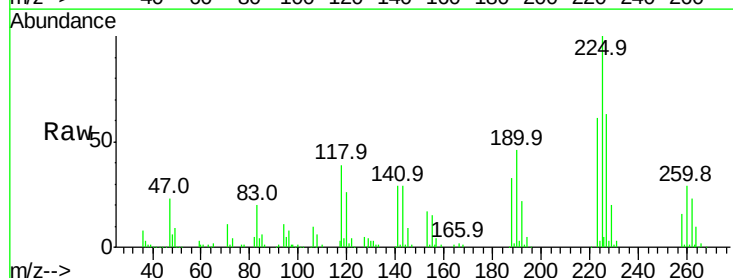
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

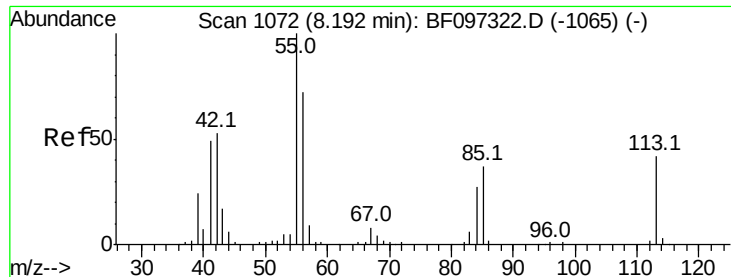
Tot Ion:	127	Resp:	141103
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	30.8	27.8	41.8
92	19.2	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 49.095 ng
 RT: 7.86 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:	225	Resp:	114666
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	63.4	51.1	76.7





#35

Caprolactam

Concen: 25.148 ng

RT: 8.19 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

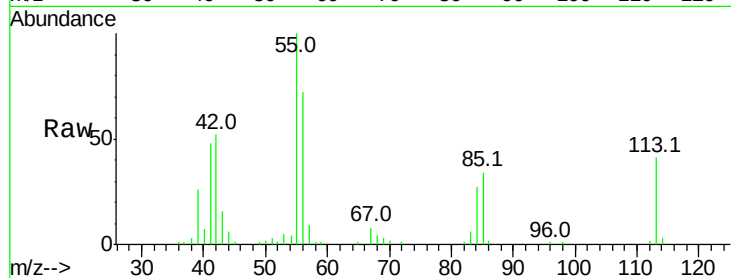
Tot Ion:113 Resp: 37272

Ion Ratio Lower Upper

113 100

55 242.2 150.2 190.2#

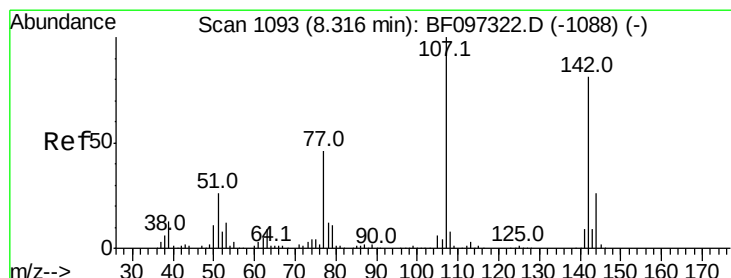
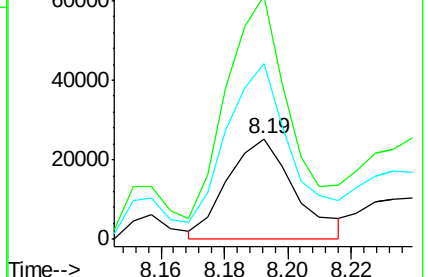
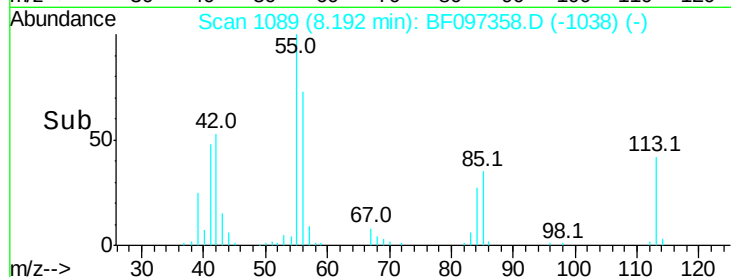
56 175.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 55.809 ng

RT: 8.32 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

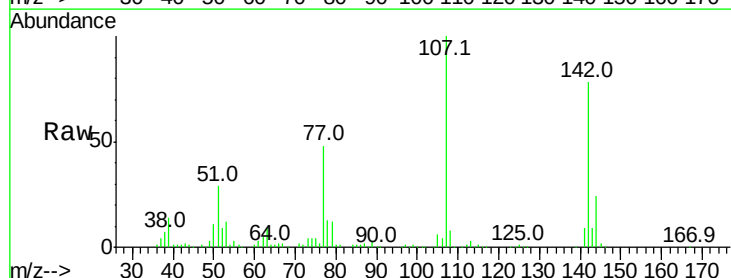
Tgt Ion:107 Resp: 281418

Ion Ratio Lower Upper

107 100

144 24.2 24.2 36.4#

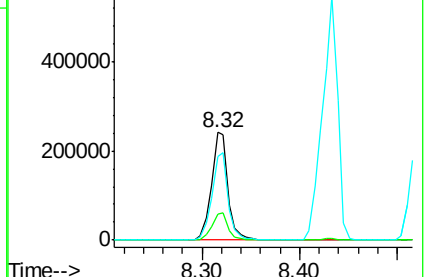
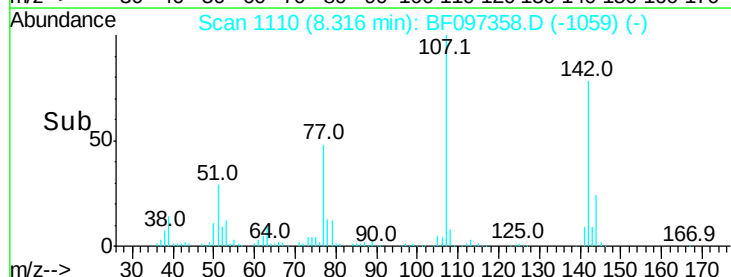
142 78.1 73.4 110.0

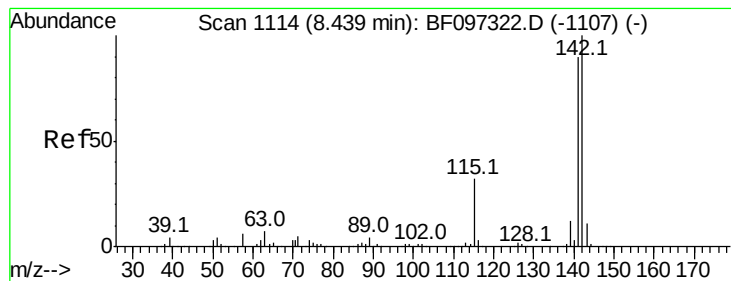


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 58.603 ng

RT: 8.43 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

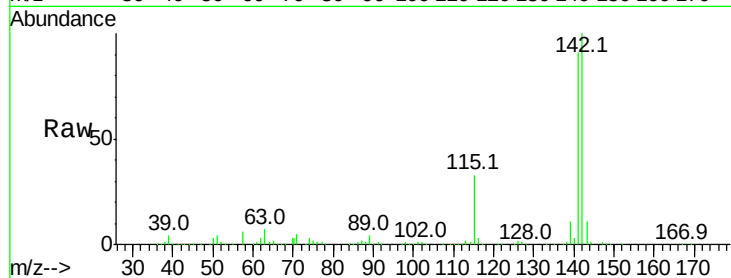
Tot Ion:142 Resp: 592277

Ion Ratio Lower Upper

142 100

141 90.6 71.3 106.9

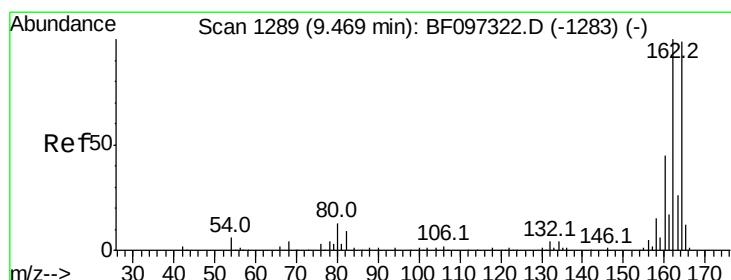
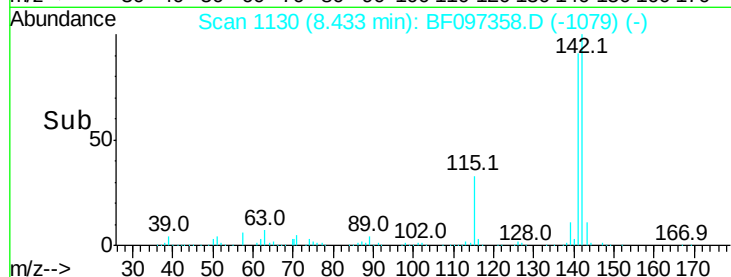
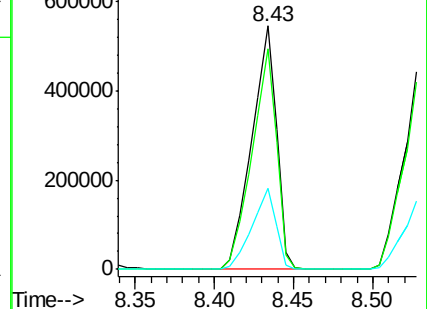
115 33.4 27.1 40.7



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: 9.46 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

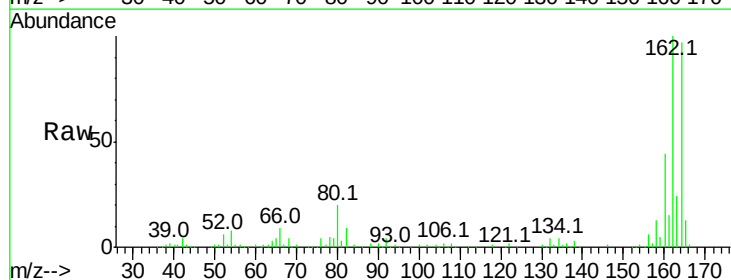
Tgt Ion:164 Resp: 150953

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

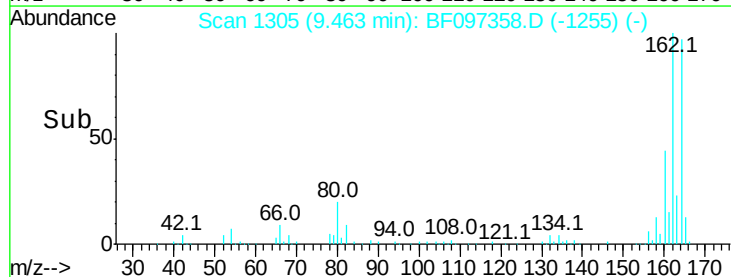
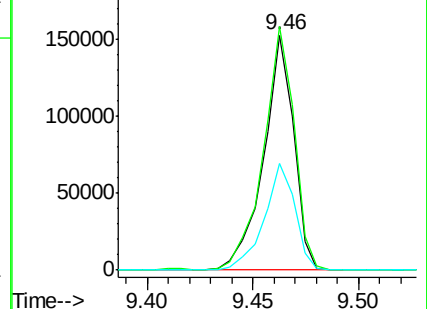
160 45.6 36.2 54.2

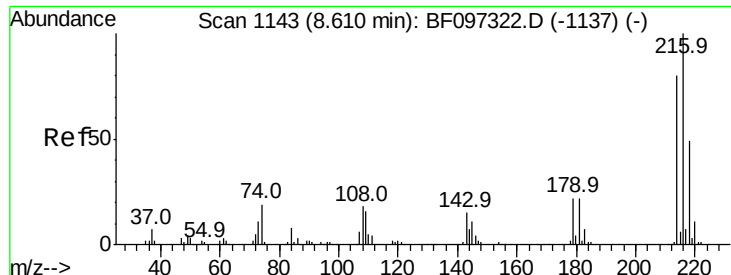


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

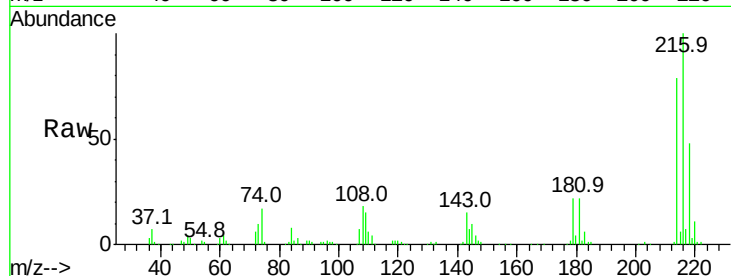




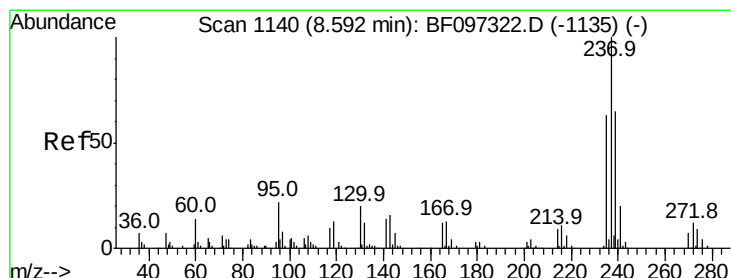
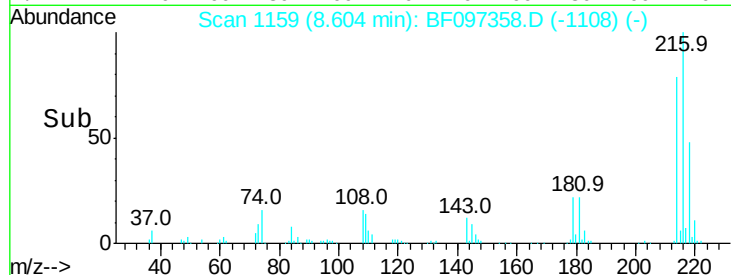
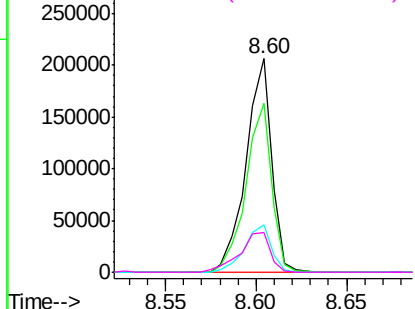
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.374 ng
 RT: 8.60 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion:	216	Resp:	202898
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	23.2	17.9	26.9
108	22.1	16.5	24.7

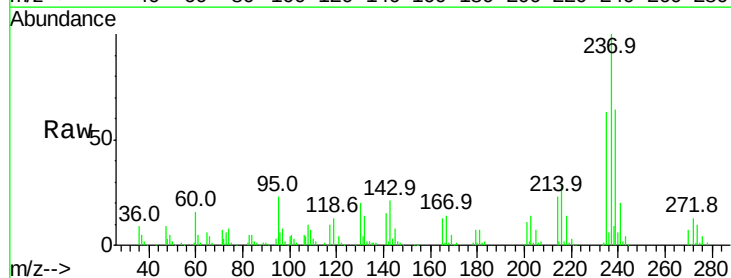


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

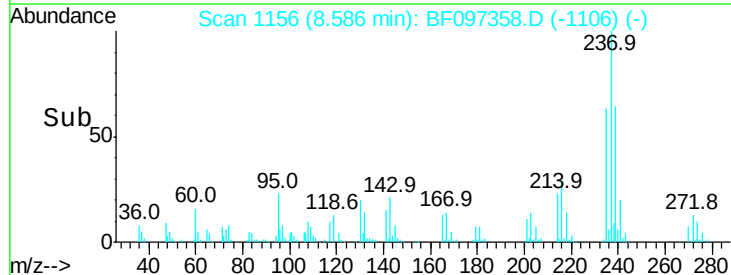
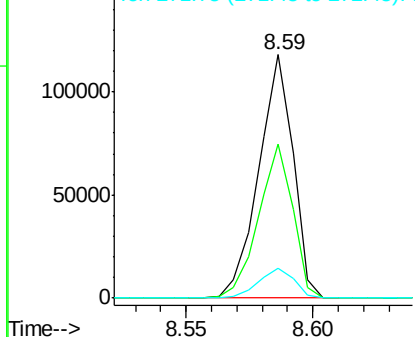


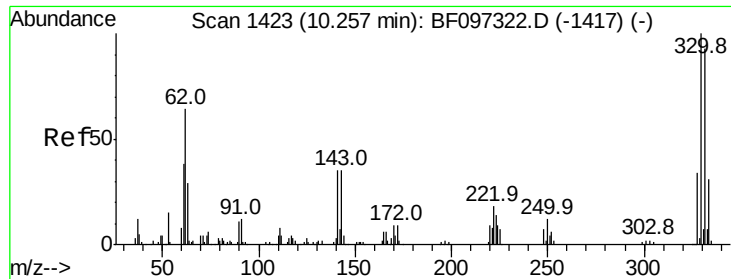
#40
 Hexachlorocyclopentadiene
 Concen: 79.663 ng
 RT: 8.59 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:	237	Resp:	112160
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.5	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

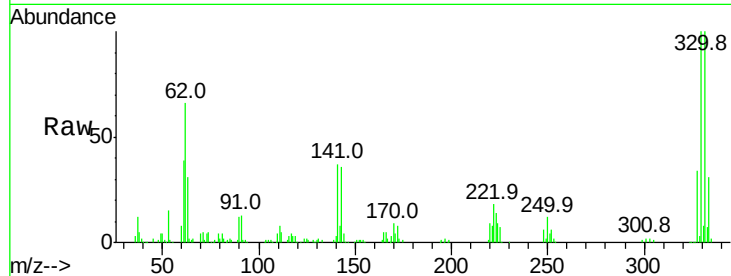




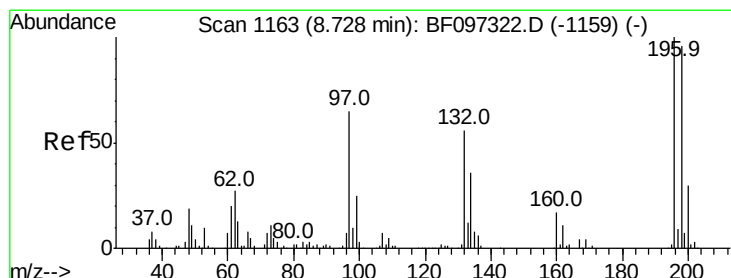
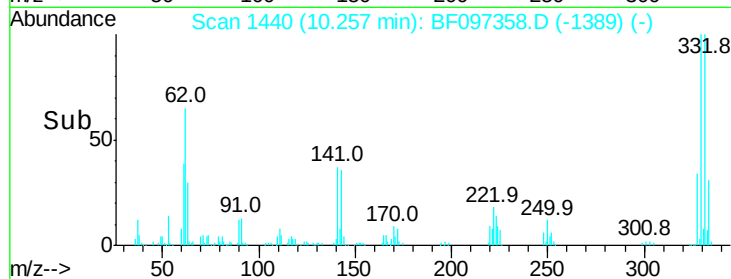
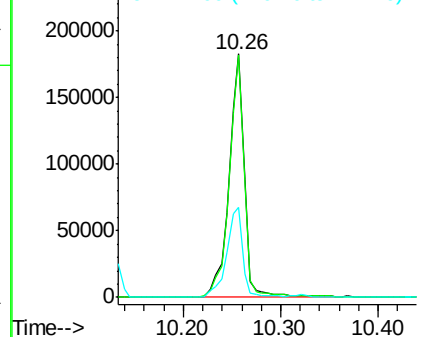
#41
 2,4,6-Tribromophenol
 Concen: 167.731 ng
 RT: 10.26 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.9	31.4	47.2

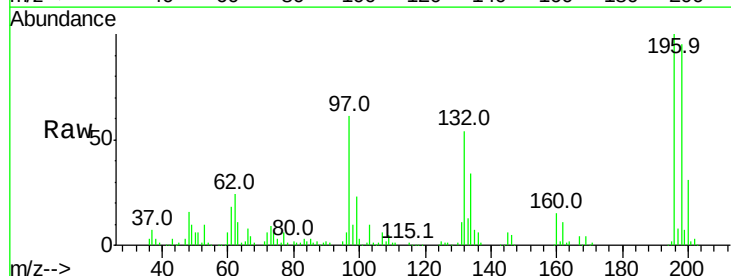


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

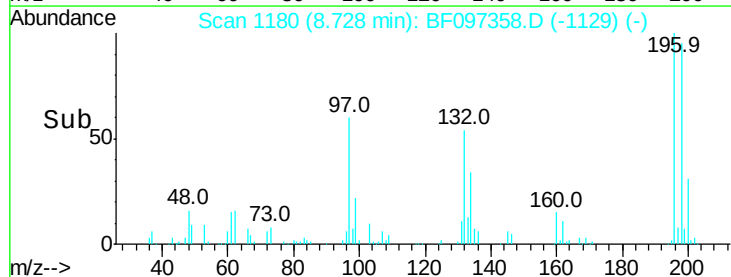
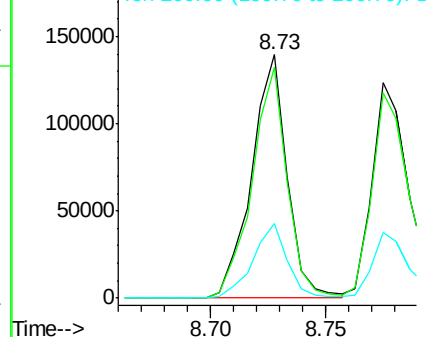


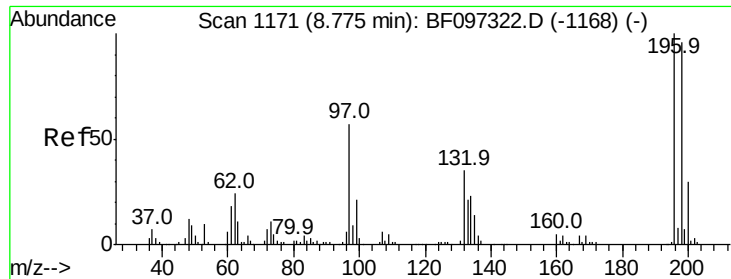
#42
 2,4,6-Trichlorophenol
 Concen: 51.572 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	30.9	24.0	36.0



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

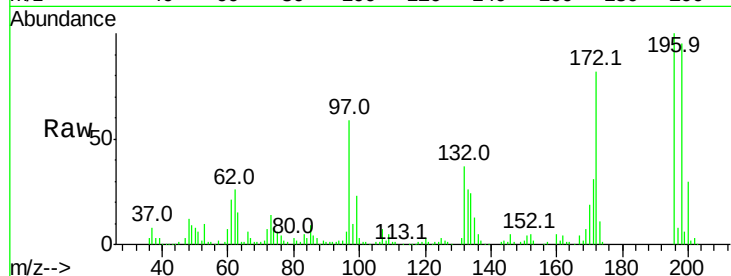




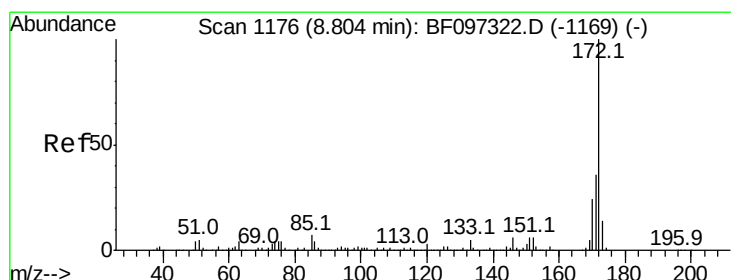
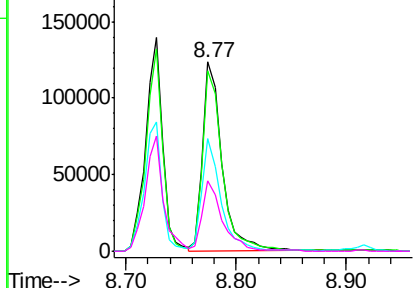
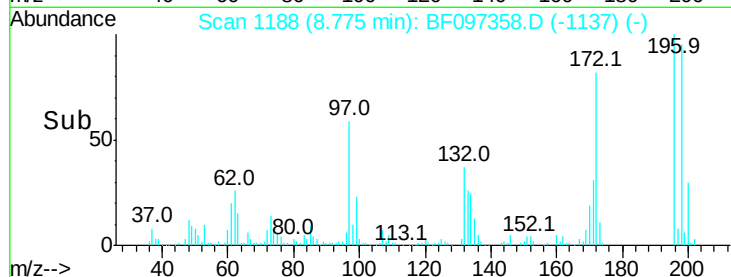
#43
 2,4,5-Trichlorophenol
 Concen: 50.174 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion:	196	Resp:	146584
Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	59.5	47.7	71.5
132	37.2	28.0	42.0

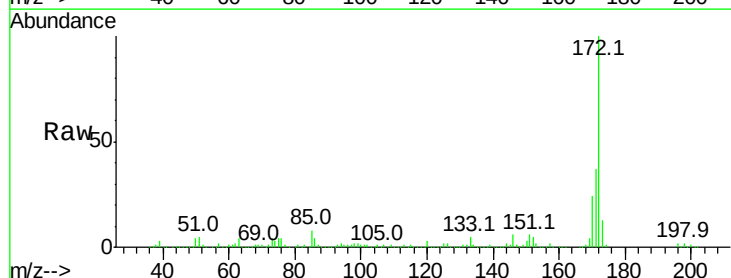


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

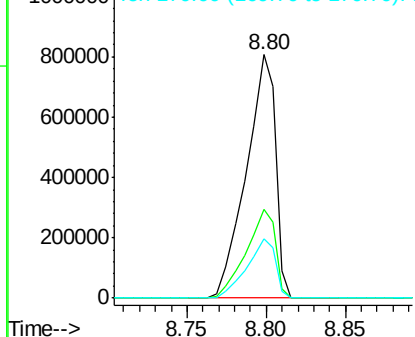
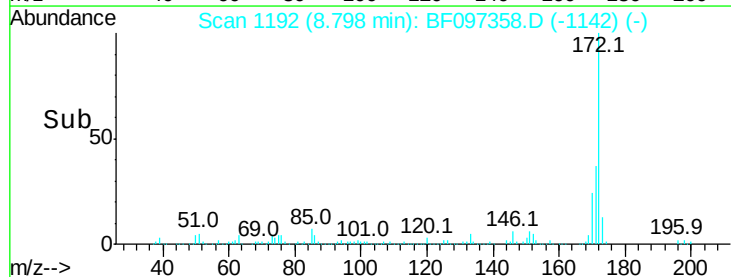


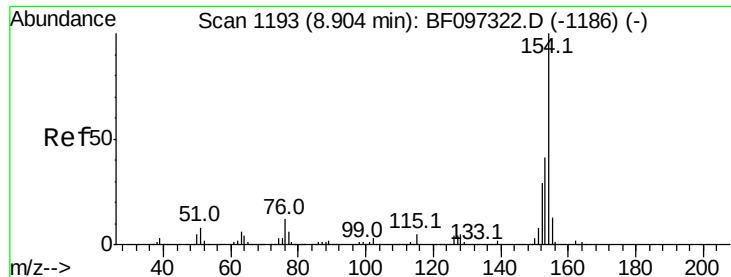
#44
 2-Fluorobiphenyl
 Concen: 116.193 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:	172	Resp:	1033510
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.4	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

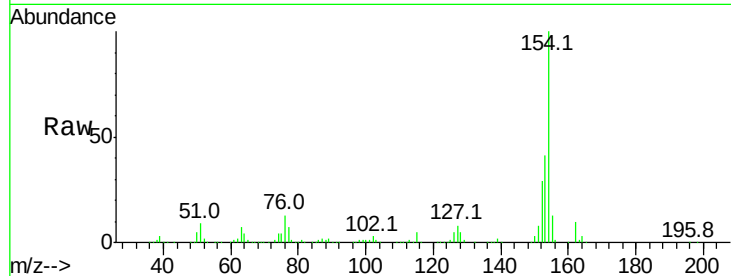




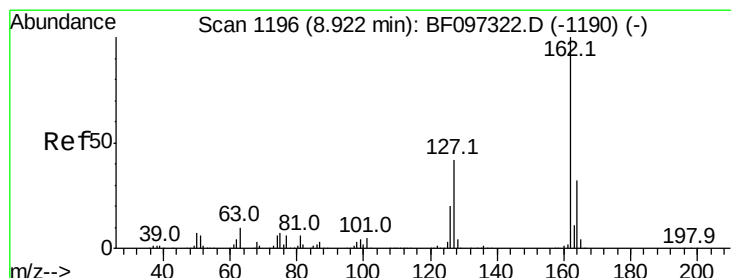
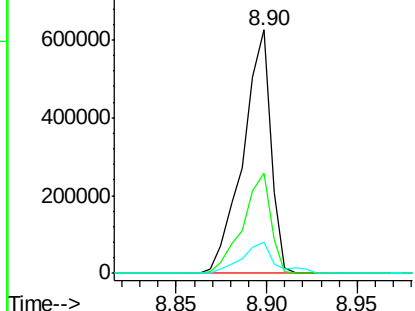
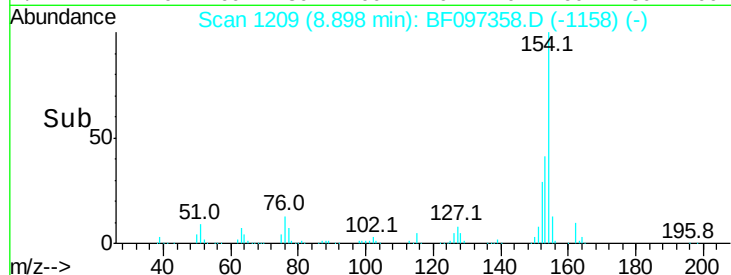
#45
 1,1'-Biphenyl
 Concen: 51.707 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.7	0.0	29.9

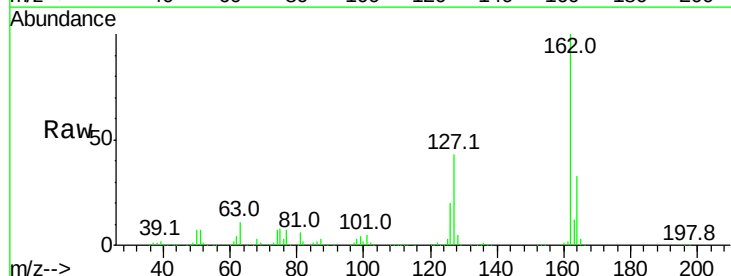


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

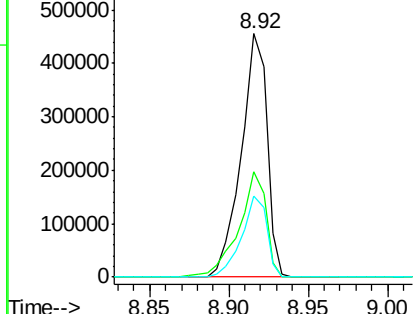
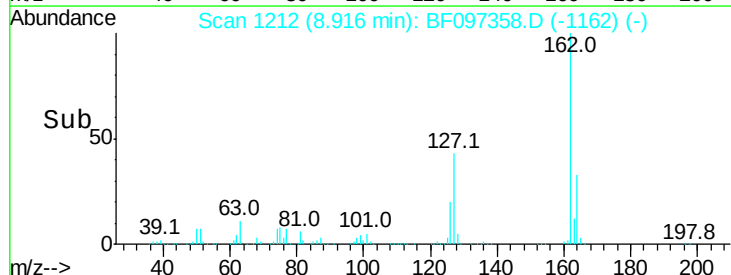


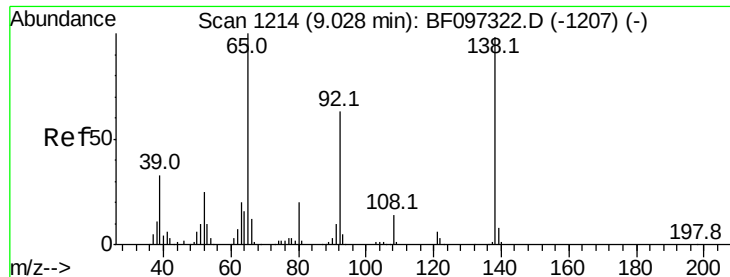
#46
 2-Chloronaphthalene
 Concen: 54.230 ng
 RT: 8.92 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	28.3	42.5#
164	33.2	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: 55.097 ng

RT: 9.03 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

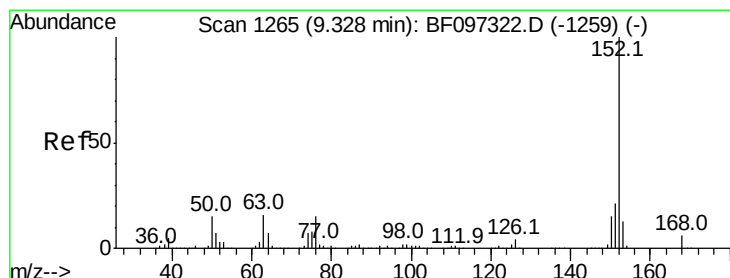
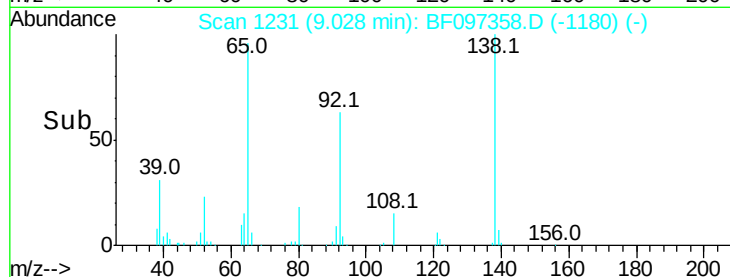
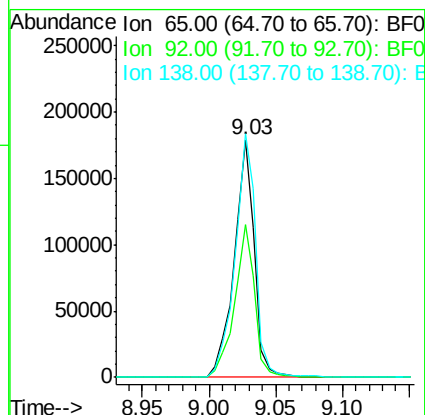
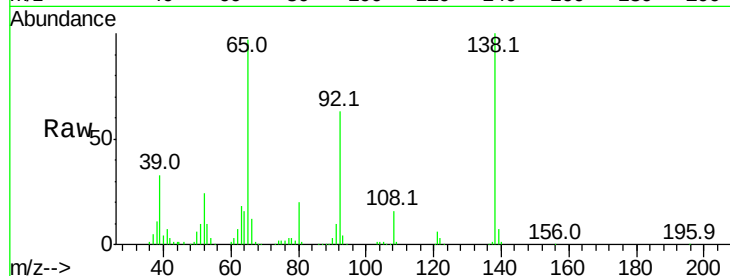
Tot Ion: 65 Resp: 189721

Ion Ratio Lower Upper

65 100

92 64.2 53.9 80.9

138 102.6 78.8 118.2



#48

Acenaphthylene

Concen: 54.292 ng

RT: 9.33 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

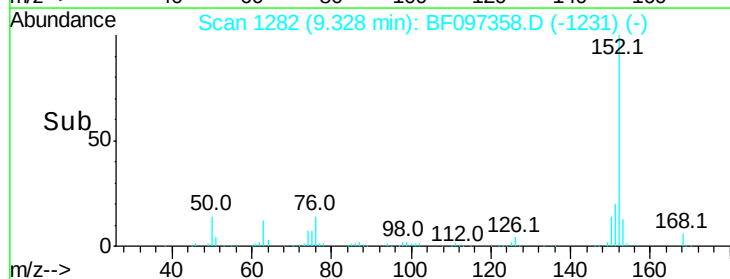
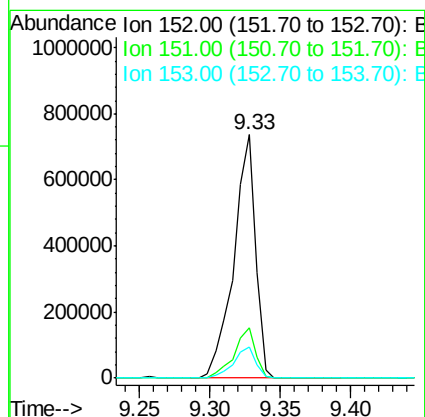
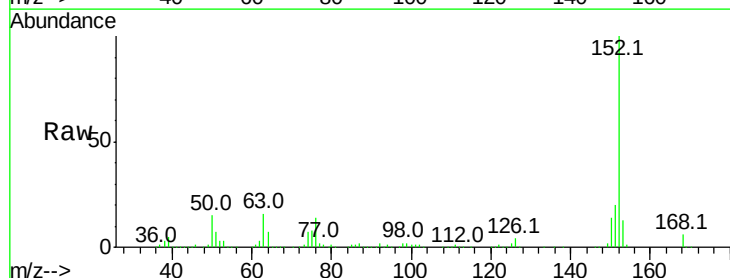
Tgt Ion: 152 Resp: 790686

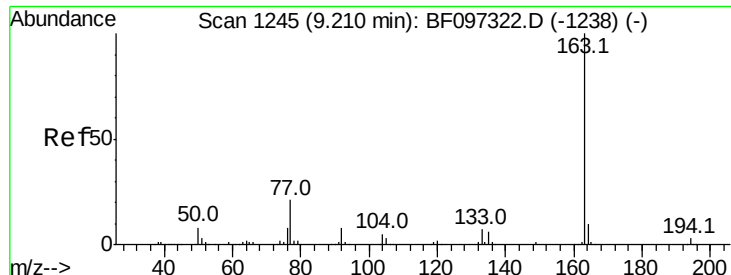
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.0 10.8 16.2

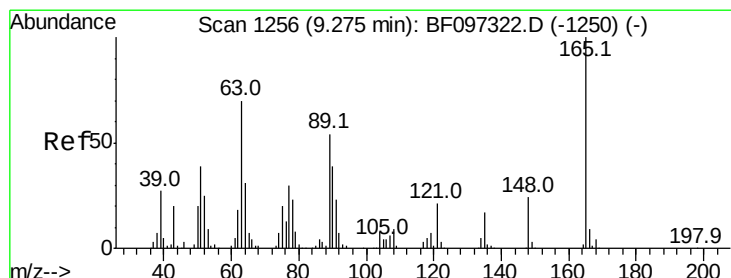
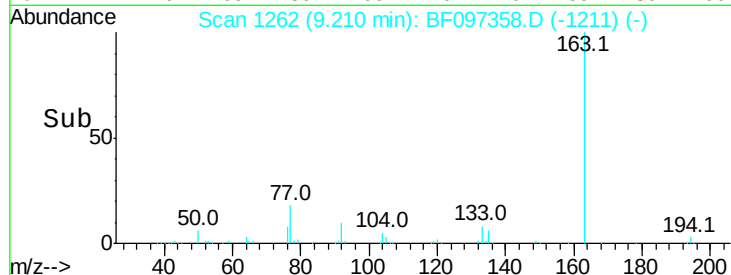
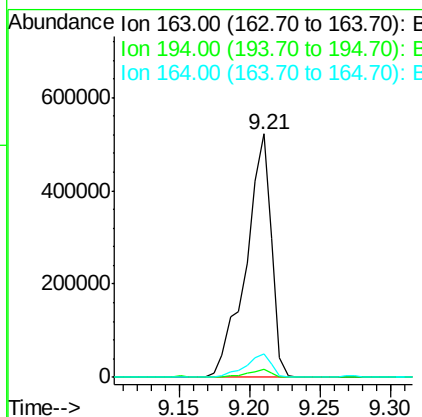
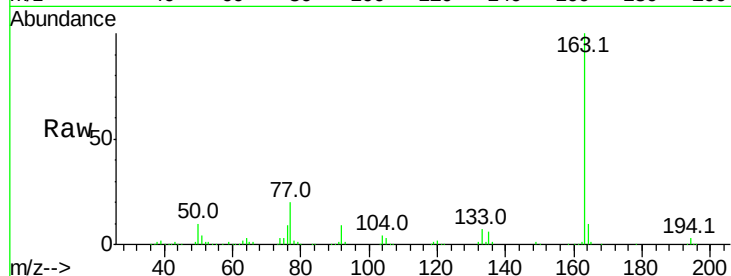




#49
Dimethylphthalate
Concen: 57.497 ng
RT: 9.21 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

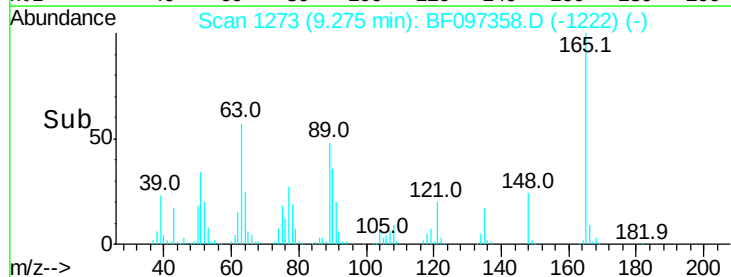
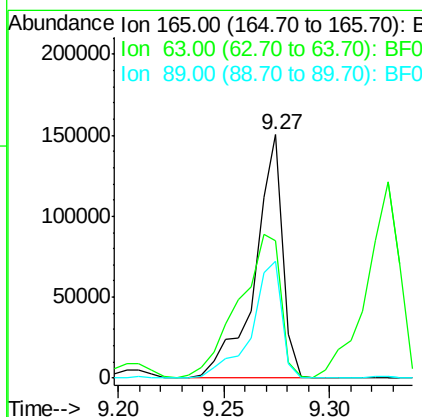
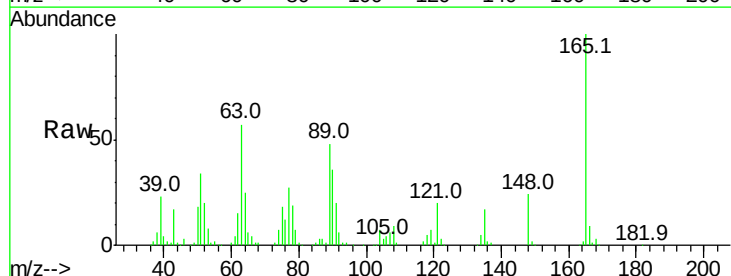
Instrument :
BNA_F
ClientSampleId :
A4129MS

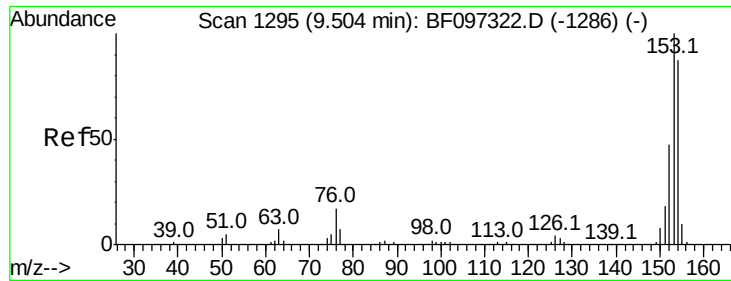
Tot Ion:163 Resp: 659100
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 57.000 ng
RT: 9.27 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:165 Resp: 138581
Ion Ratio Lower Upper
165 100
63 56.6 34.3 51.5#
89 48.2 37.1 55.7

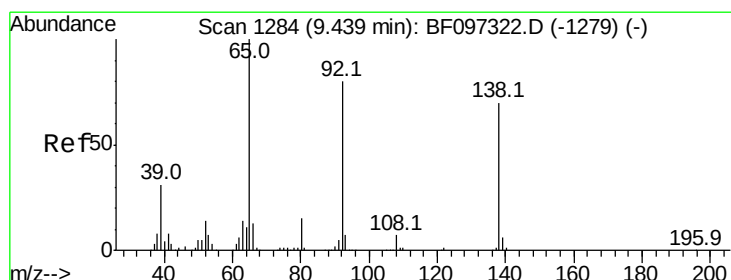
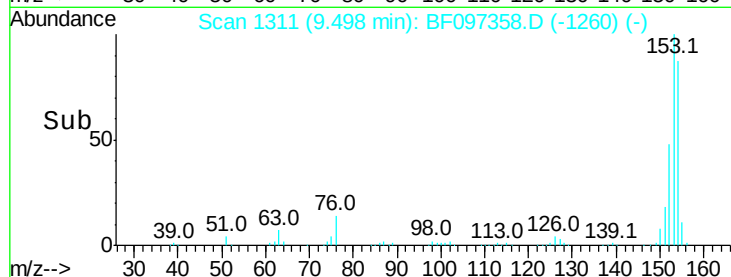
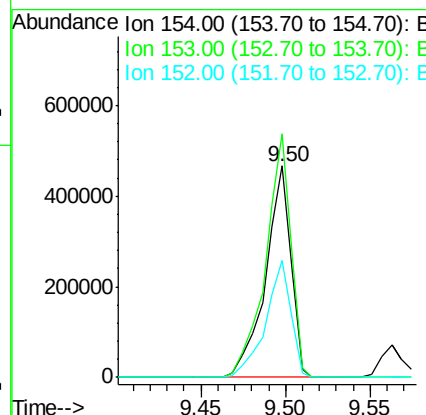
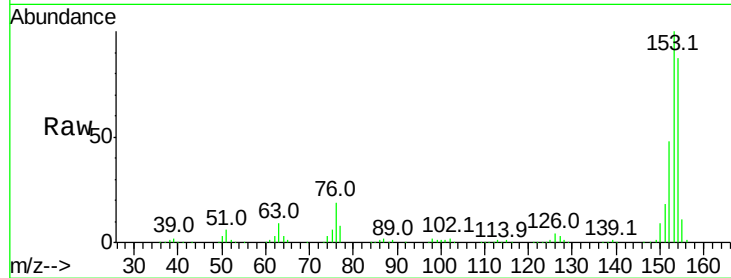




#51
Acenaphthene
Concen: 56.496 ng
RT: 9.50 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

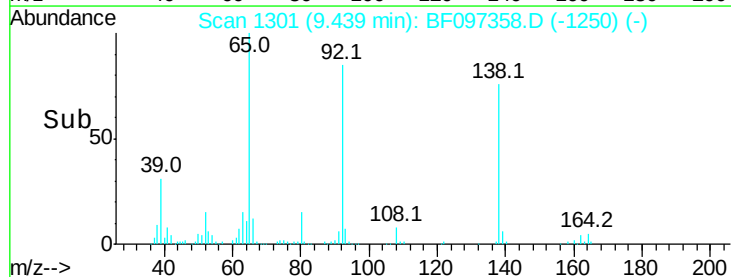
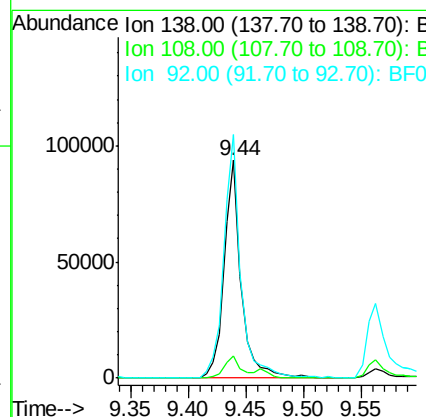
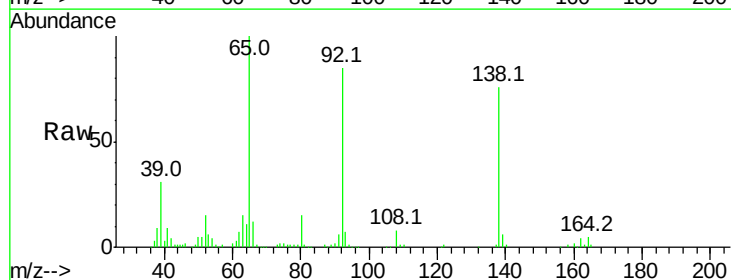
Instrument :
BNA_F
ClientSampleId :
A4129MS

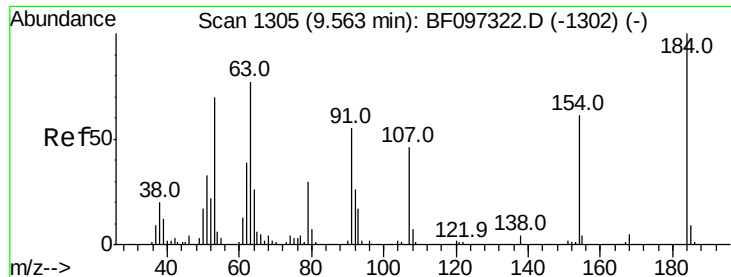
Tot Ion:154 Resp: 484648
Ion Ratio Lower Upper
154 100
153 115.1 90.5 135.7
152 55.1 43.6 65.4



#52
3-Nitroaniline
Concen: 31.939 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:138 Resp: 96383
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 111.9 93.8 140.6

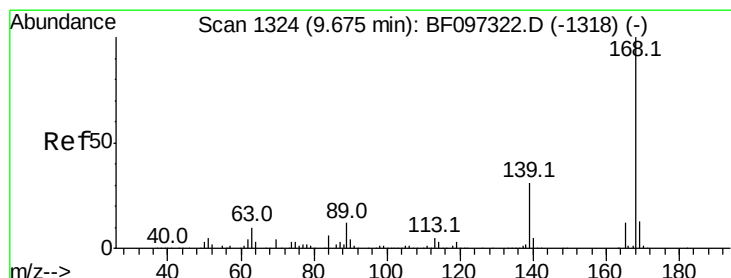
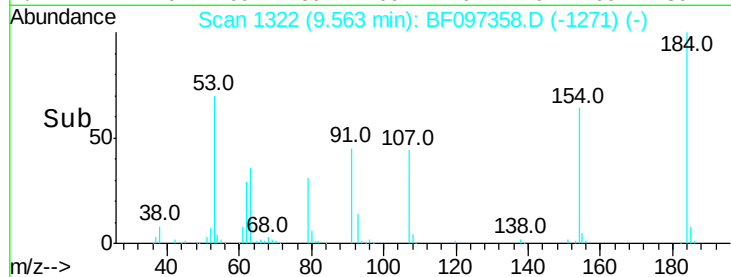
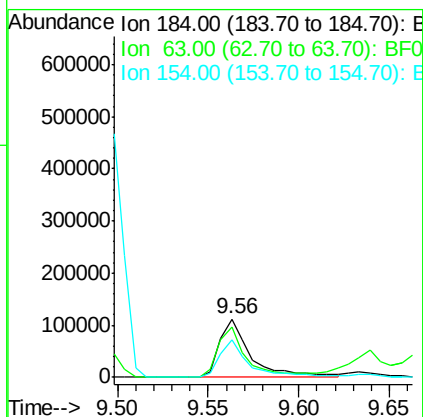
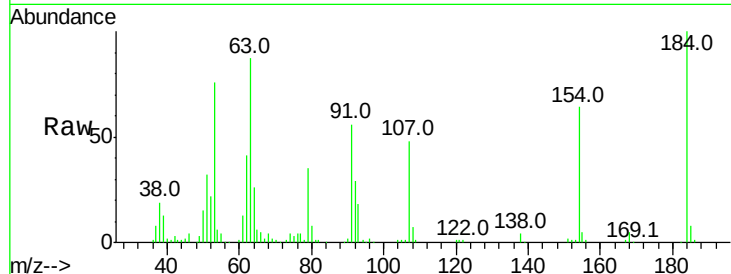




#53
 2,4-Dinitrophenol
 Concen: 122.577 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

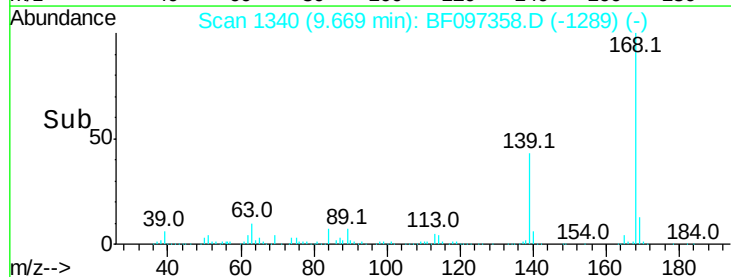
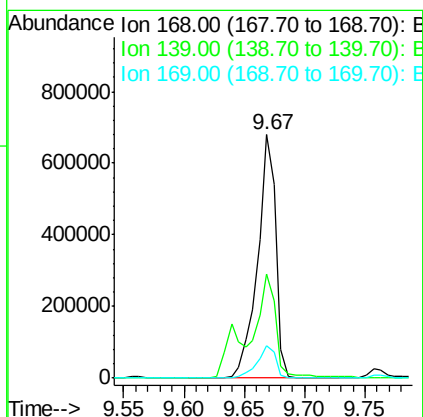
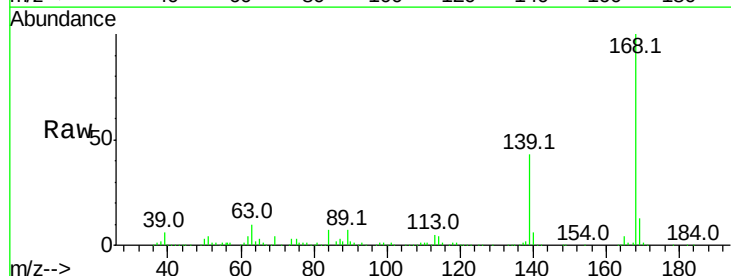
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

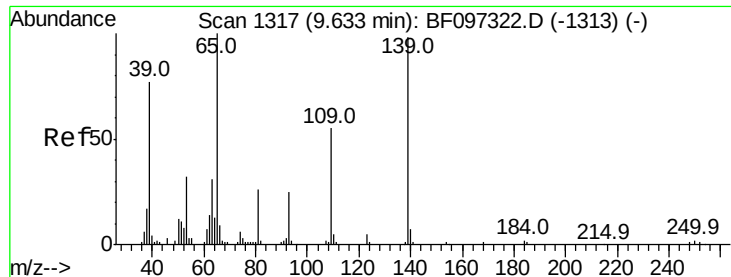
Tot Ion:184 Resp: 135501
 Ion Ratio Lower Upper
 184 100
 63 86.6 62.7 94.1
 154 64.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 62.621 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:168 Resp: 715528
 Ion Ratio Lower Upper
 168 100
 139 42.7 30.6 45.8
 169 13.3 10.8 16.2

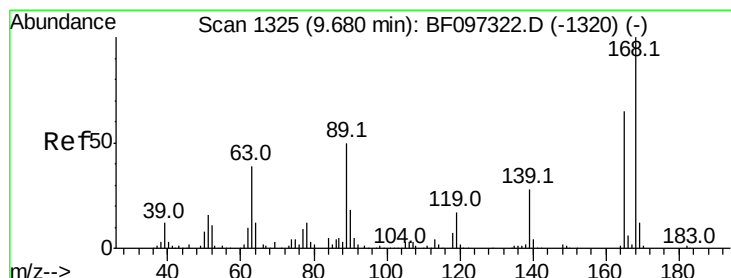
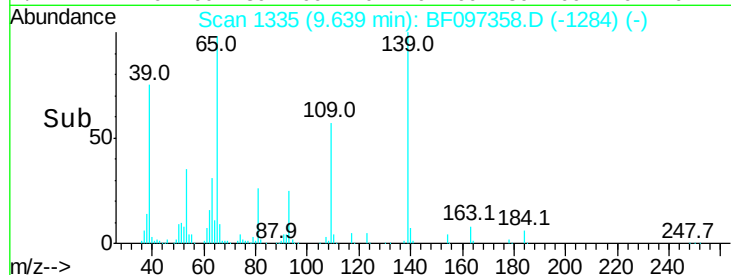
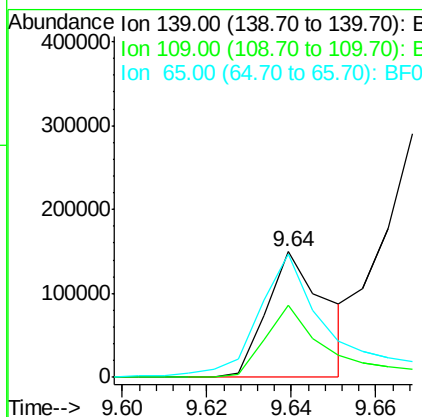
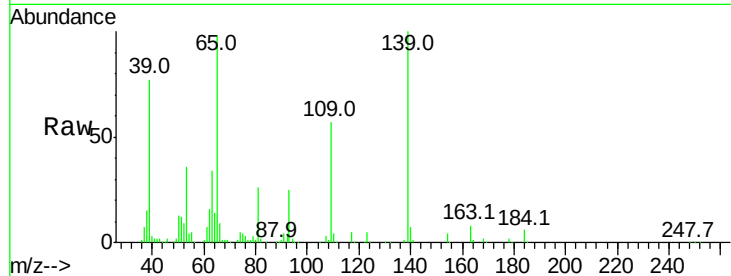




#55
4-Nitrophenol
Concen: 81.768 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

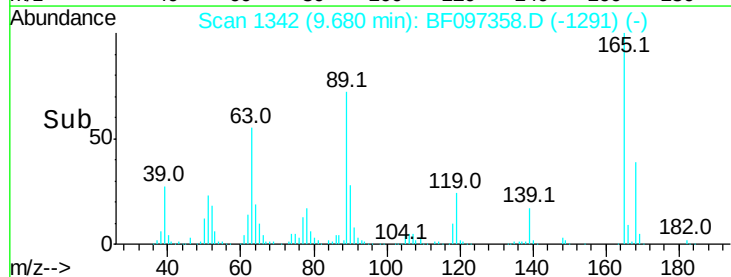
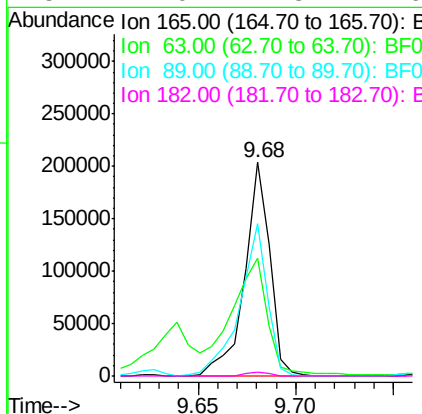
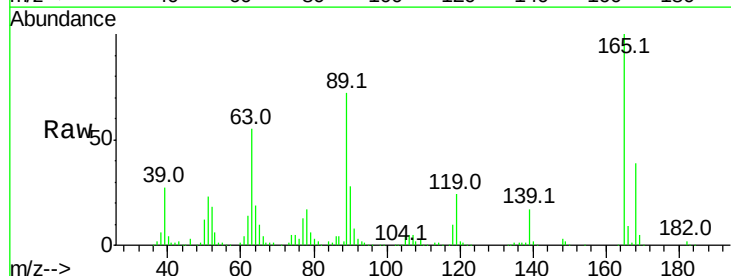
Instrument :
BNA_F
ClientSampleId :
A4129MS

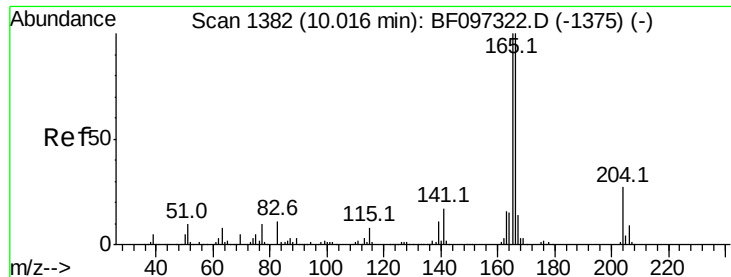
Tot Ion:139 Resp: 146743
Ion Ratio Lower Upper
139 100
109 57.0 34.1 74.1
65 98.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 65.157 ng
RT: 9.68 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:165 Resp: 182108
Ion Ratio Lower Upper
165 100
63 55.1 25.4 38.0#
89 71.5 46.4 69.6#
182 2.0 1.8 2.6

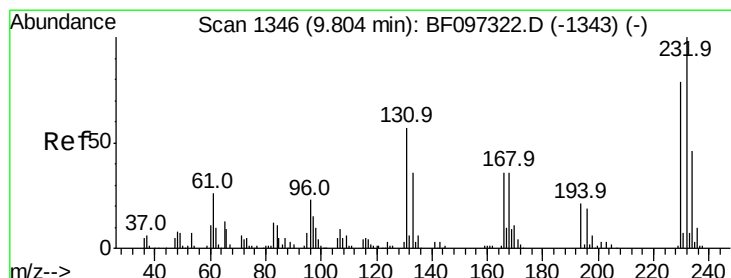
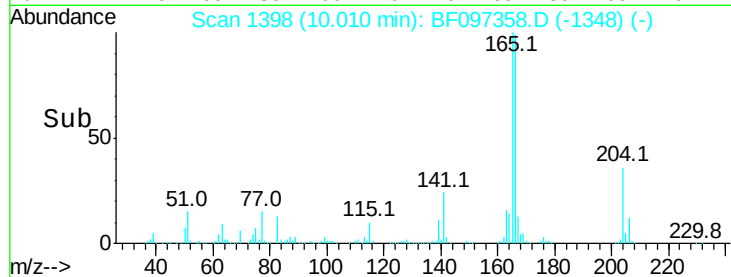
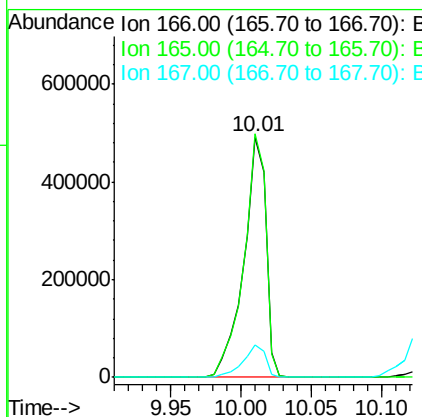
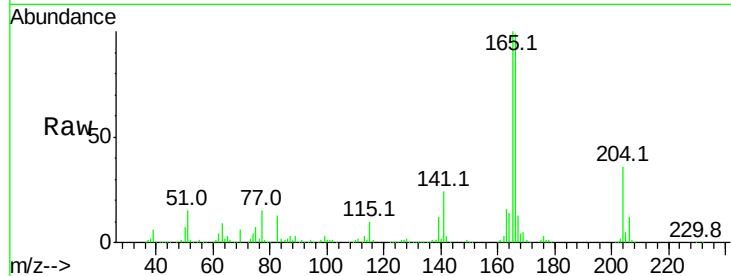




#57
 Fluorene
 Concen: 63.035 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

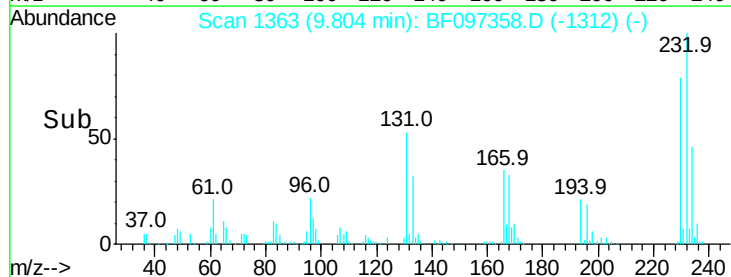
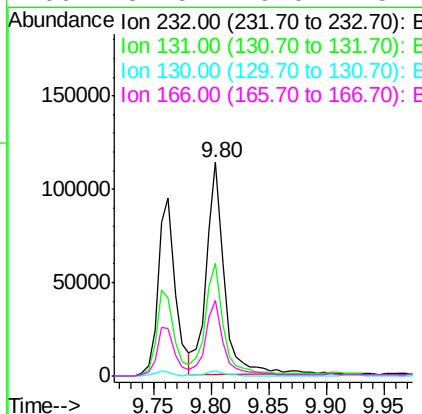
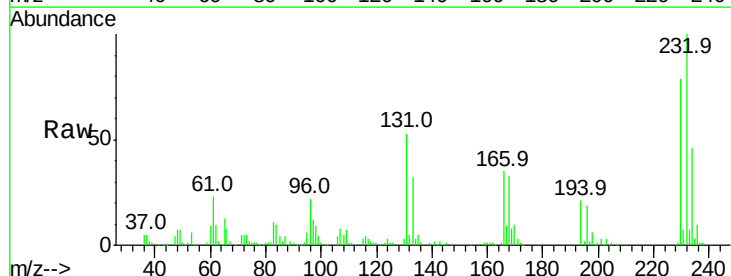
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

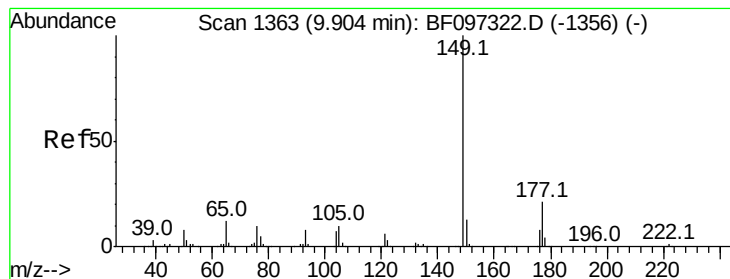
Tot Ion:166 Resp: 541344
 Ion Ratio Lower Upper
 166 100
 165 101.3 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.477 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:232 Resp: 124012
 Ion Ratio Lower Upper
 232 100
 131 55.8 44.8 67.2
 130 2.8 2.3 3.5
 166 34.5 29.0 43.4





#59

Diethylphthalate

Concen: 58.852 ng

RT: 9.90 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

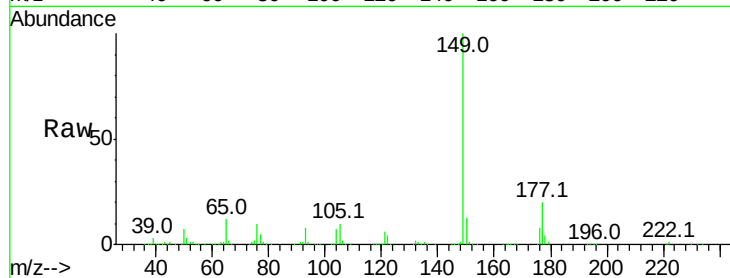
Tot Ion:149 Resp: 618924

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

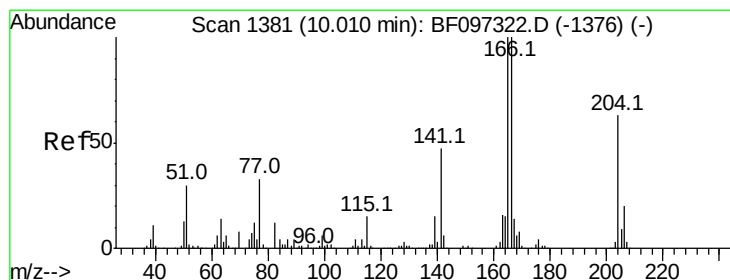
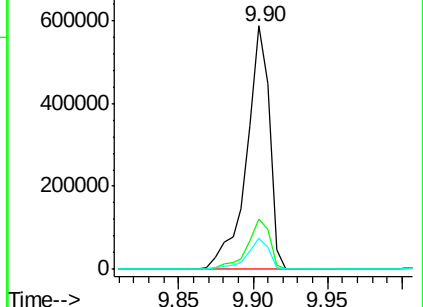
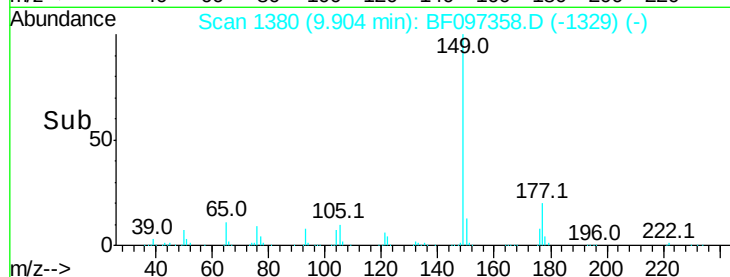
150 12.9 10.2 15.2



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: 61.322 ng

RT: 10.00 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

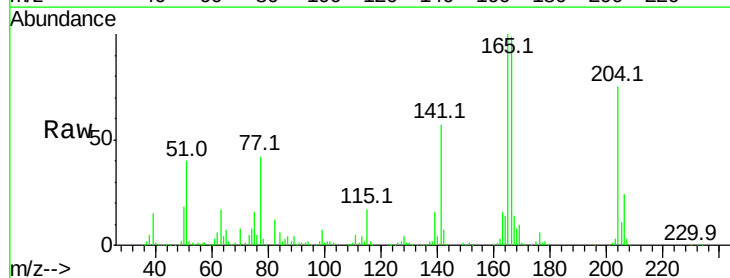
Tgt Ion:204 Resp: 217468

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

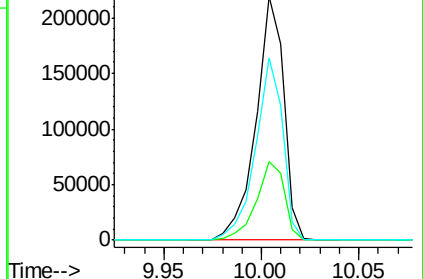
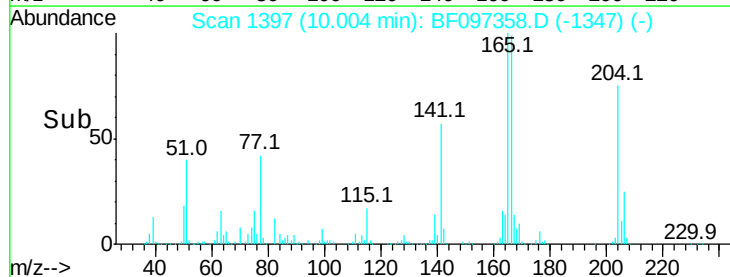
141 75.0 60.8 91.2

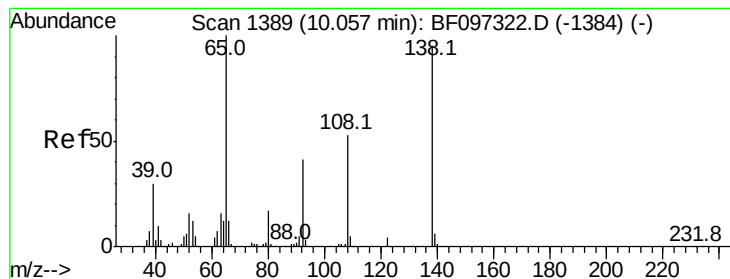


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 55.344 ng

RT: 10.06 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampled :

A4129MS

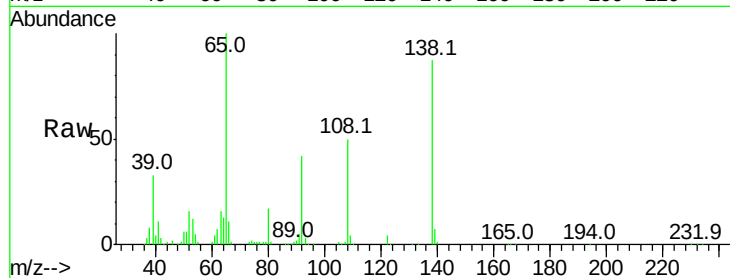
Tot Ion:138 Resp: 158695

Ion Ratio Lower Upper

138 100

92 48.0 21.8 61.8

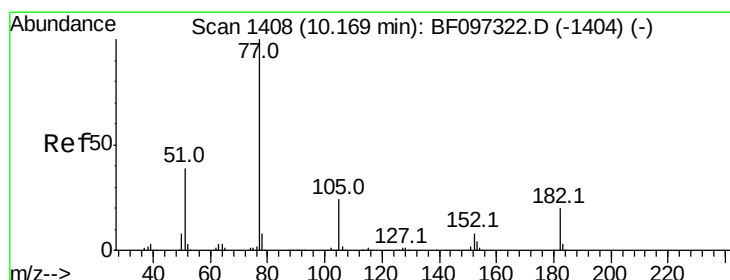
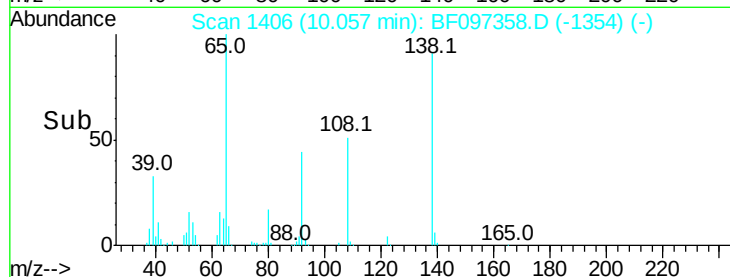
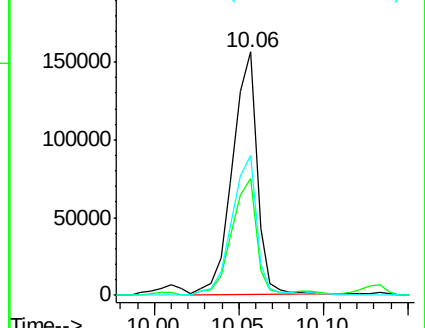
108 57.5 42.3 82.3



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: 63.300 ng

RT: 10.17 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion: 77 Resp: 617571

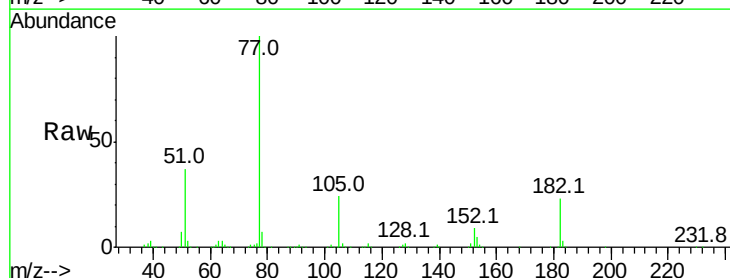
Ion Ratio Lower Upper

77 100

182 23.4 0.1 40.1

105 24.3 3.6 43.6

51 37.0 9.4 49.4

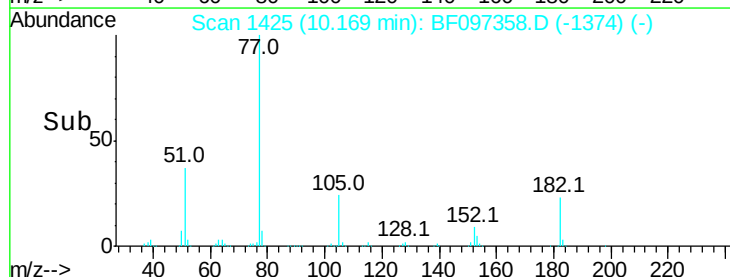
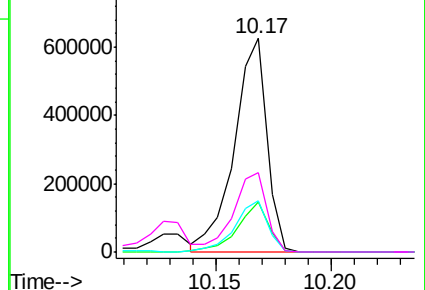


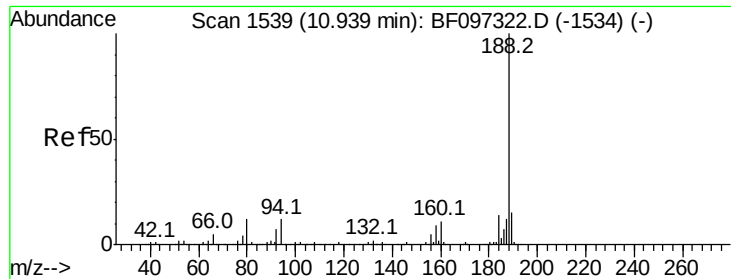
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

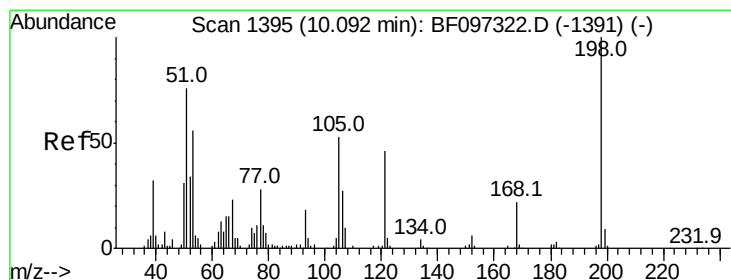
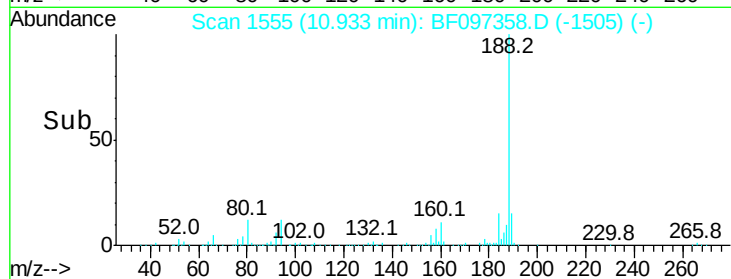
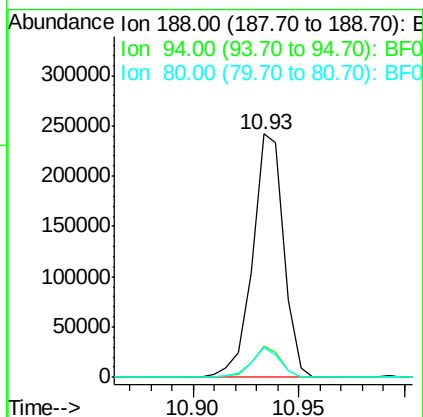
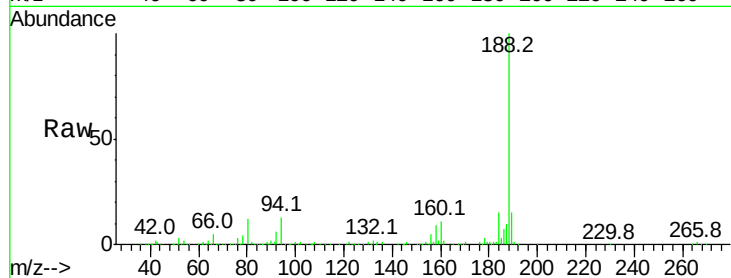




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

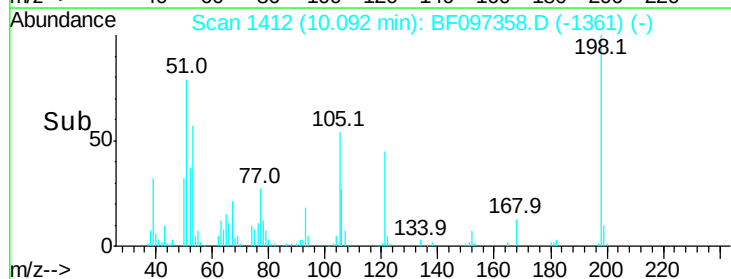
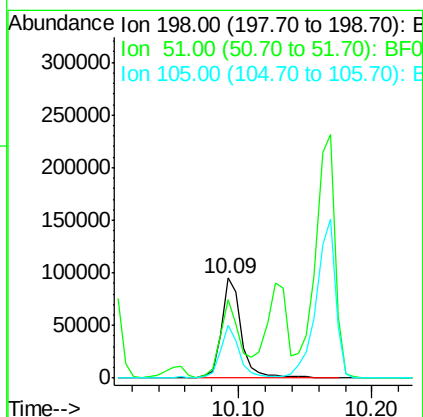
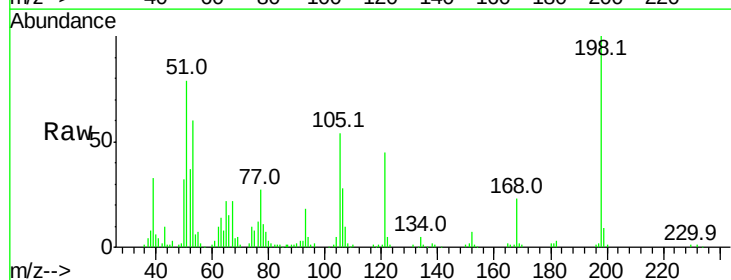
Instrument :
BNA_F
ClientSampleId :
A4129MS

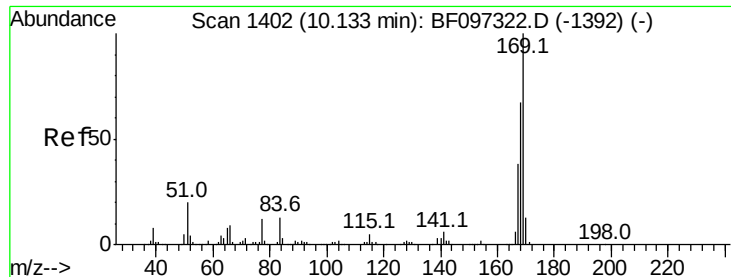
Tot Ion:188 Resp: 247690
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 65.301 ng
RT: 10.09 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:198 Resp: 100506
Ion Ratio Lower Upper
198 100
51 78.7 53.2 93.2
105 53.6 45.8 85.8

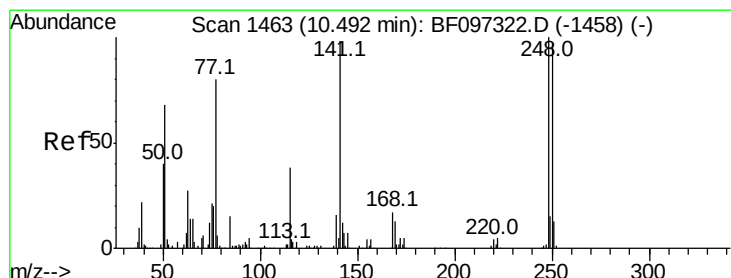
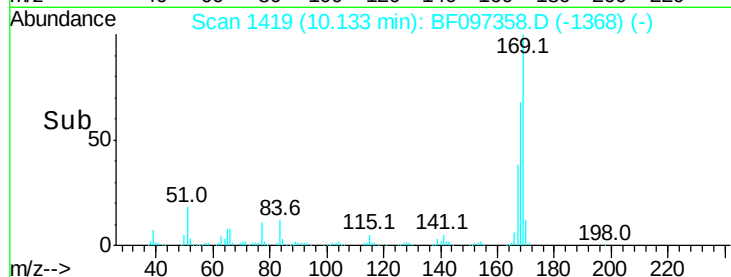
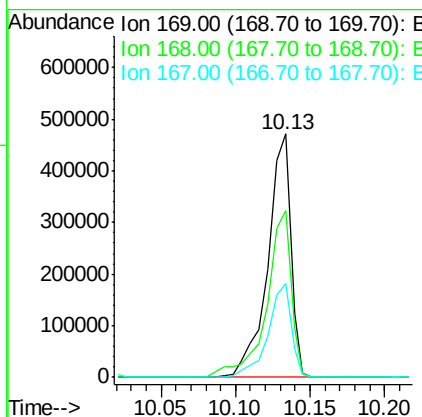
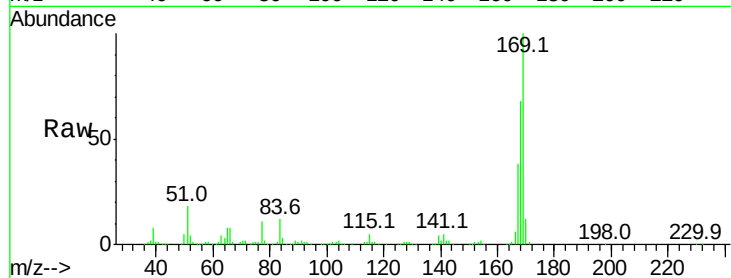




#65
 n-Nitrosodiphenylamine
 Concen: 58.710 ng
 RT: 10.13 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

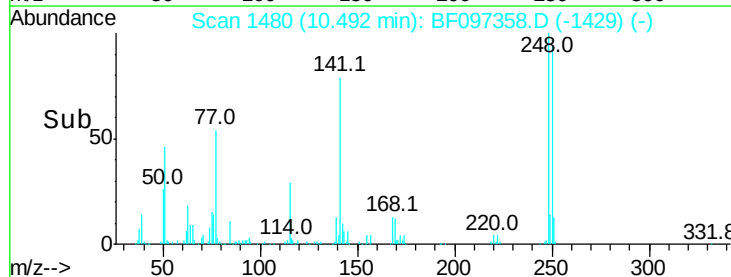
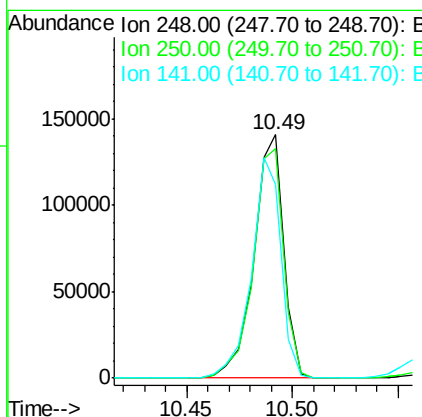
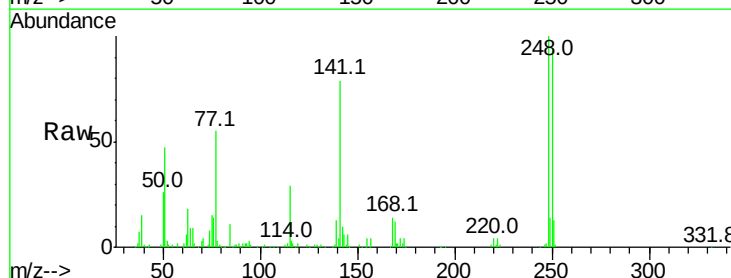
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

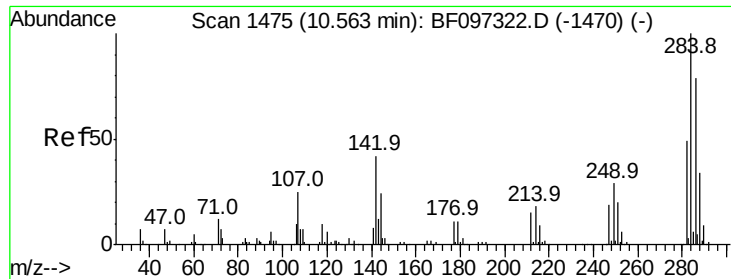
Tot Ion:169 Resp: 505972
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.2 79.8
 167 38.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 55.943 ng
 RT: 10.49 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:248 Resp: 138284
 Ion Ratio Lower Upper
 248 100
 250 94.5 76.8 115.2
 141 79.4 68.6 103.0

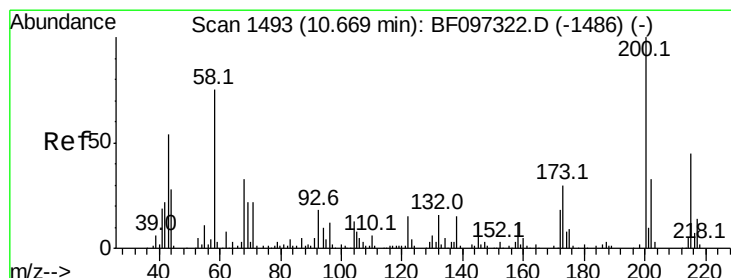
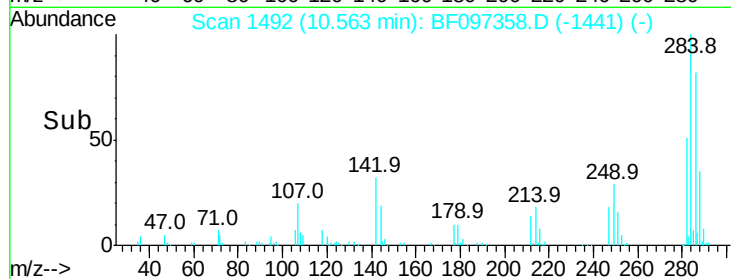
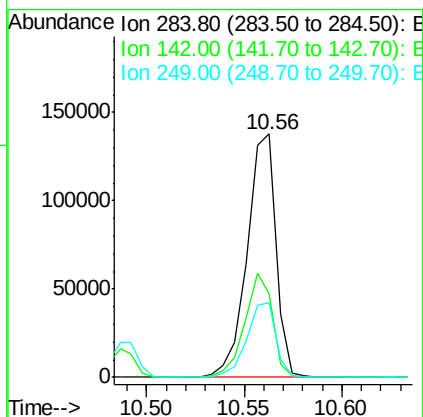
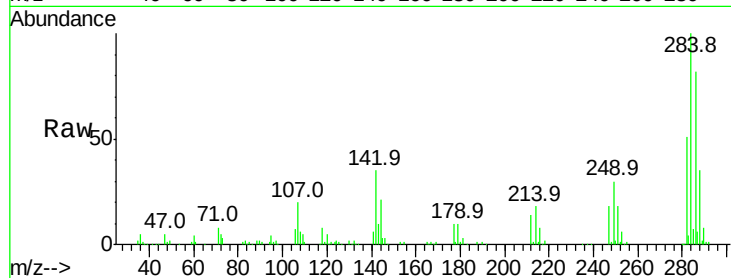




#67
Hexachlorobenzene
Concen: 51.156 ng
RT: 10.56 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

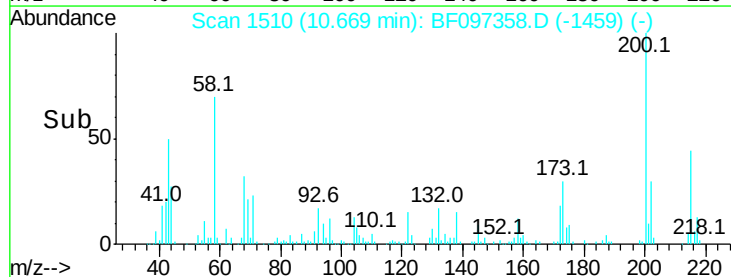
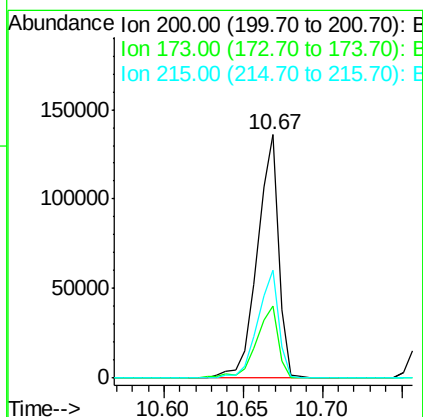
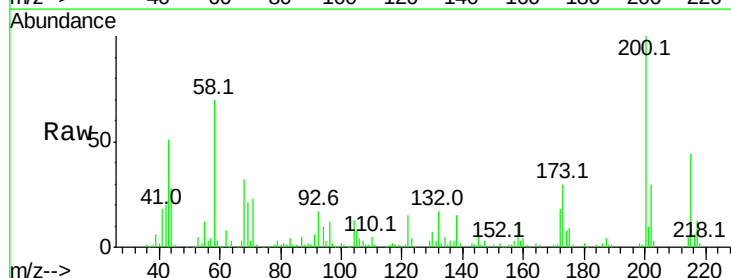
Instrument :
BNA_F
ClientSampleId :
A4129MS

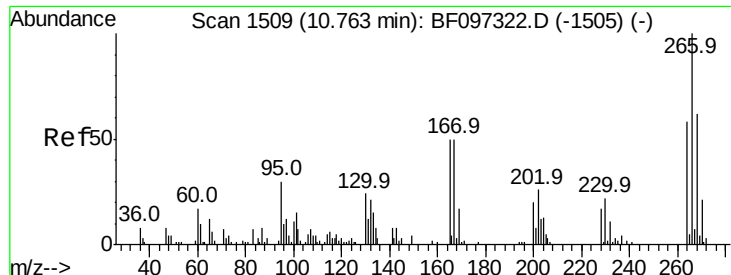
Tot Ion:284 Resp: 141802
Ion Ratio Lower Upper
284 100
142 34.5 22.8 34.2#
249 30.5 24.0 36.0



#68
Atrazine
Concen: 51.676 ng
RT: 10.67 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:200 Resp: 127706
Ion Ratio Lower Upper
200 100
173 29.8 6.3 46.3
215 44.4 27.2 67.2

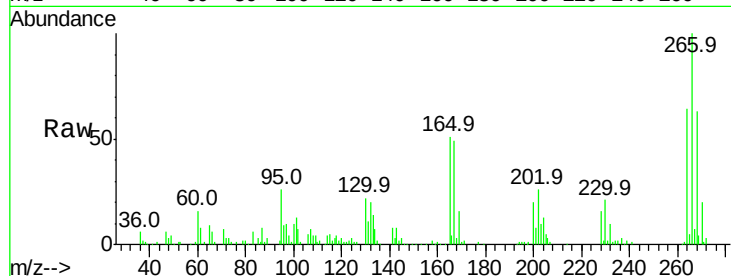




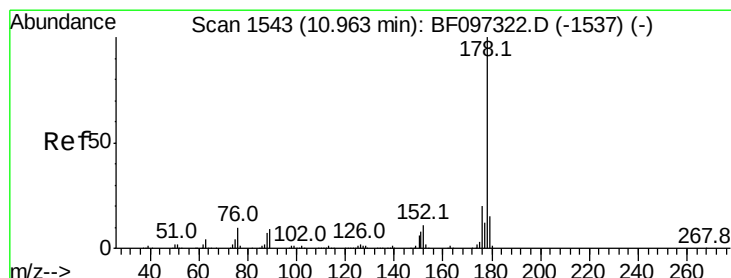
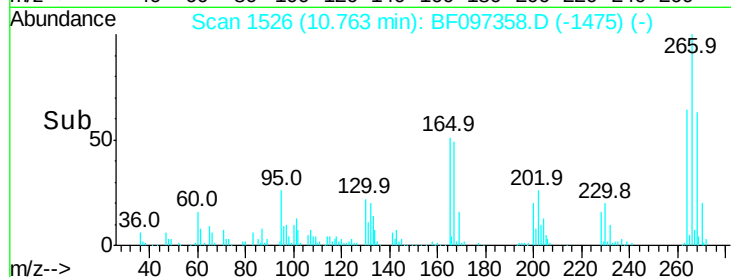
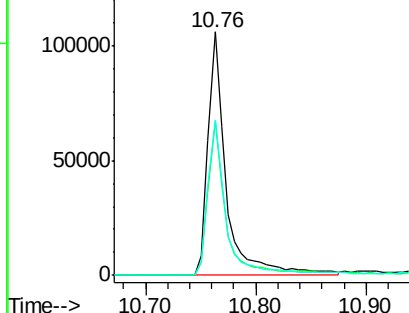
#69
 Pentachlorophenol
 Concen: 104.660 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.5	51.7	77.5

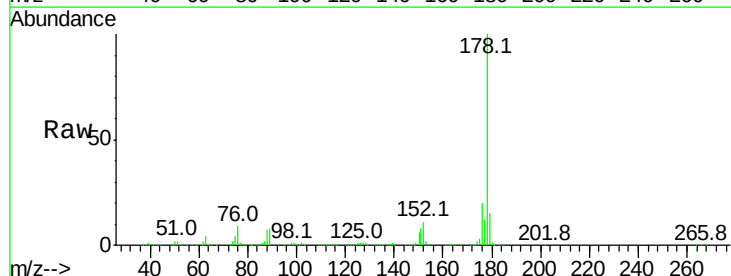


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

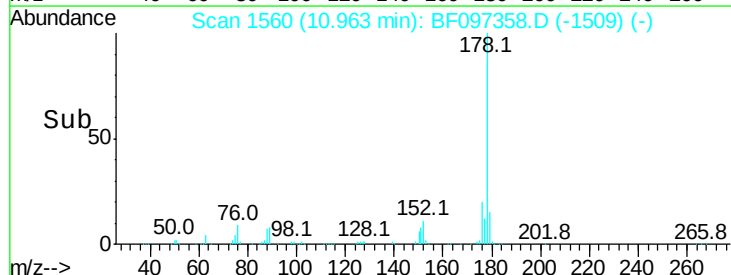
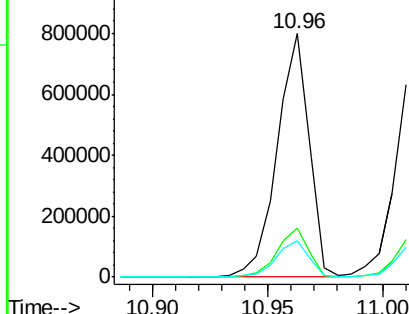


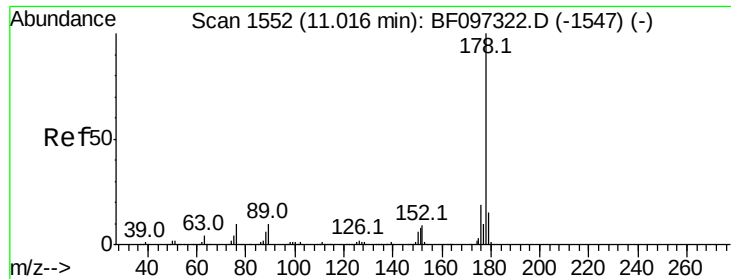
#70
 Phenanthrene
 Concen: 57.658 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.0	12.6	19.0



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

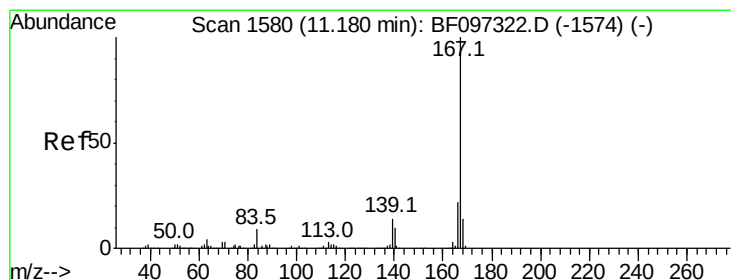
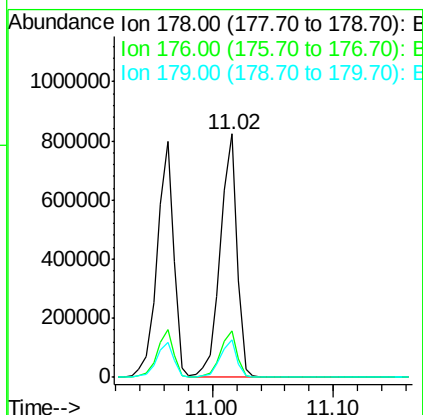
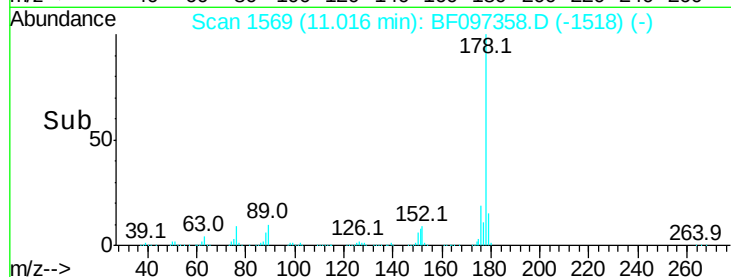
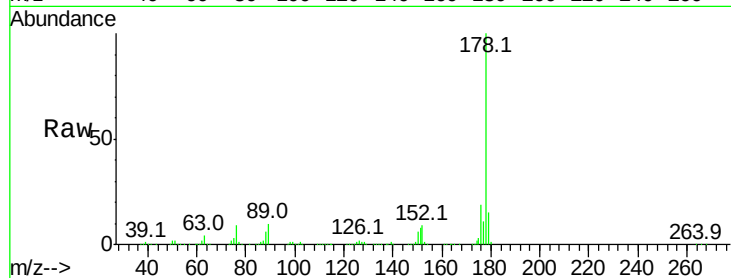




#71
 Anthracene
 Concen: 57.464 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

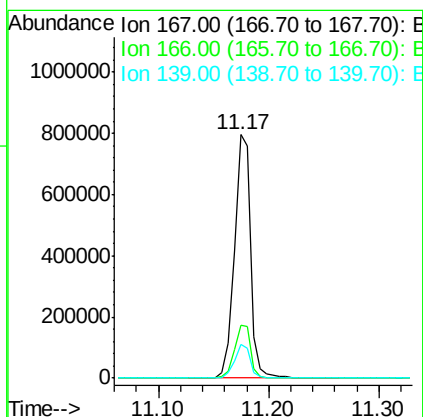
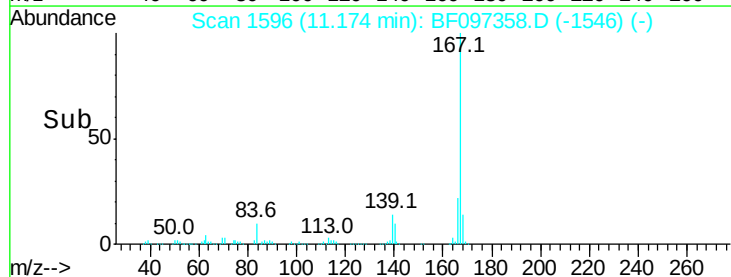
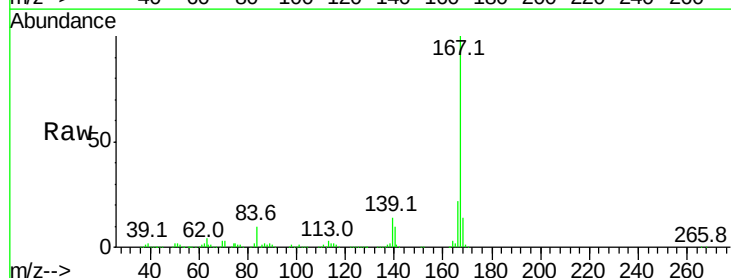
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

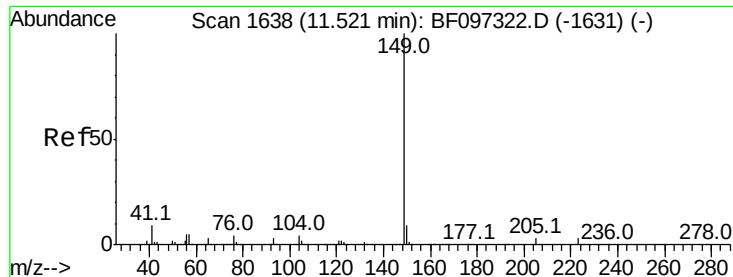
Tot Ion:178 Resp: 781092
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 60.897 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:167 Resp: 814076
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 56.737 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

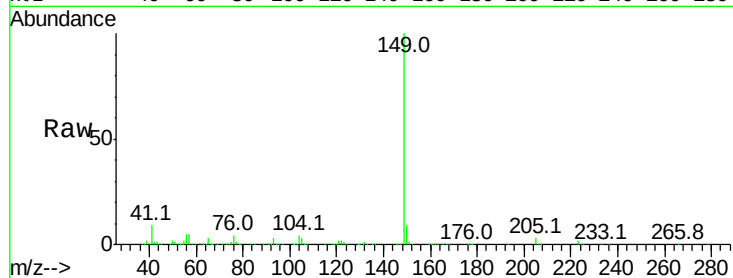
Tot Ion:149 Resp: 937558

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

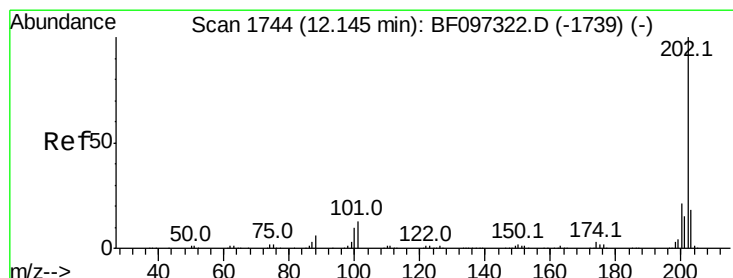
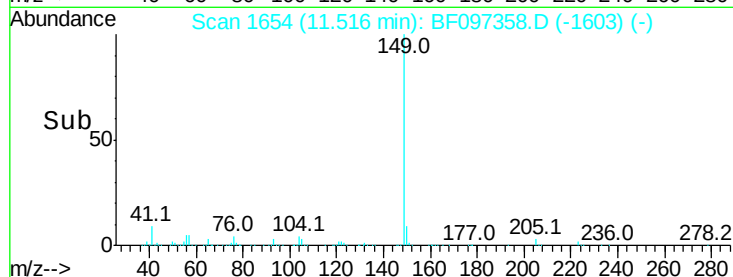
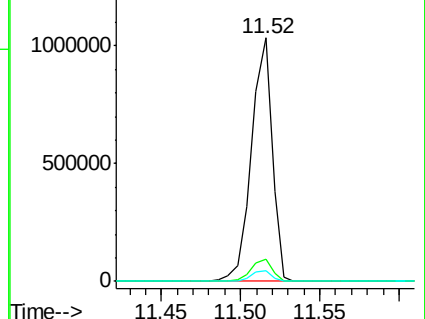
104 4.3 4.0 6.0



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: 62.717 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

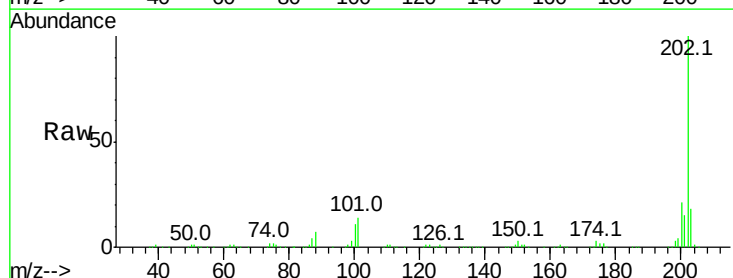
Tgt Ion:202 Resp: 815405

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

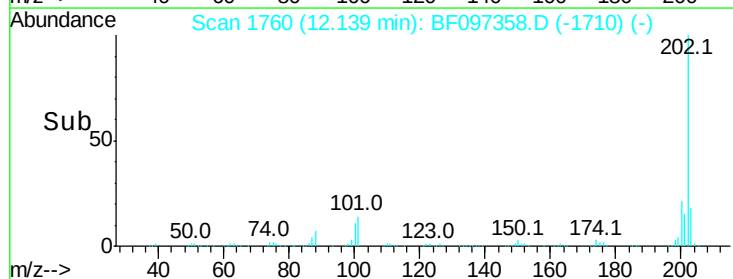
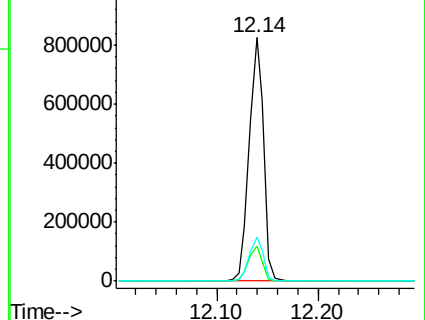
203 17.8 0.0 38.1

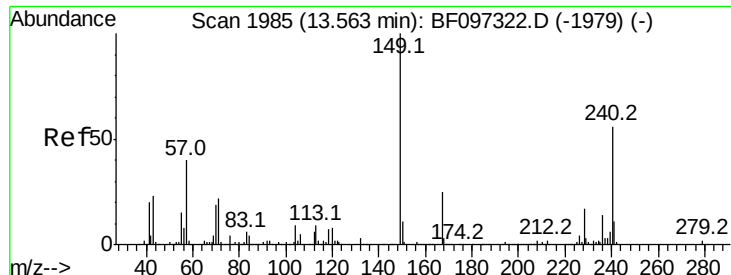


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

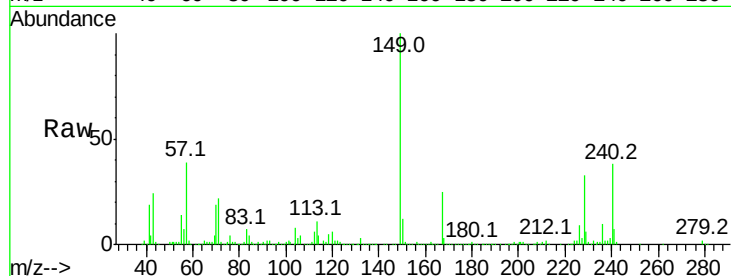
Tot Ion:240 Resp: 160016

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

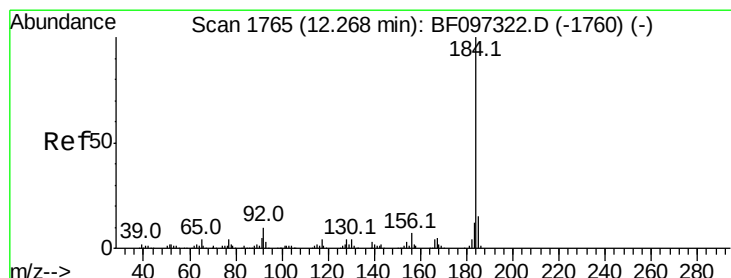
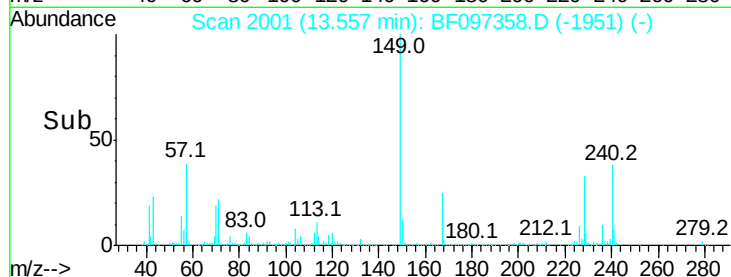
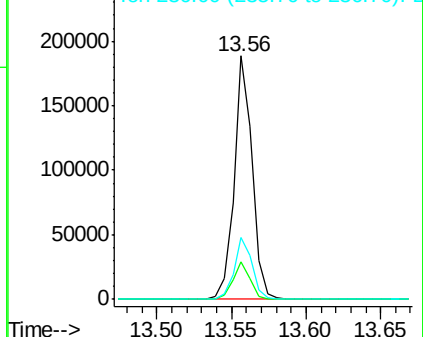
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.641 ng

RT: 12.27 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

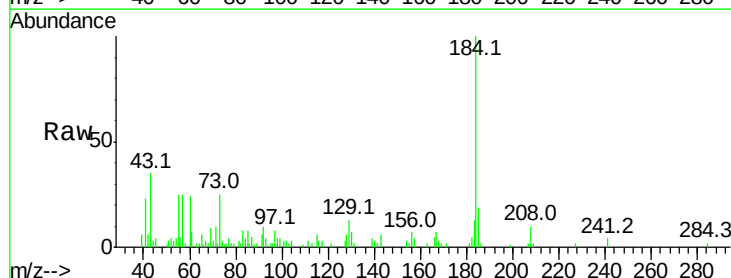
Tgt Ion:184 Resp: 33492

Ion Ratio Lower Upper

184 100

185 19.3 15.5 23.3

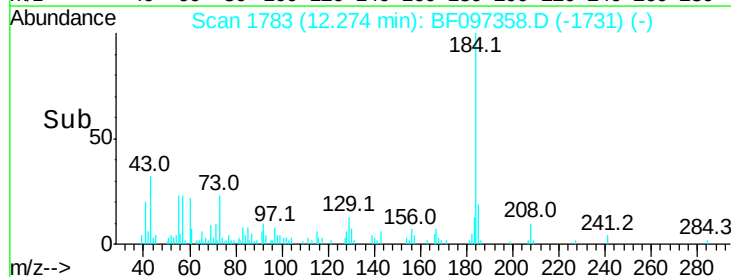
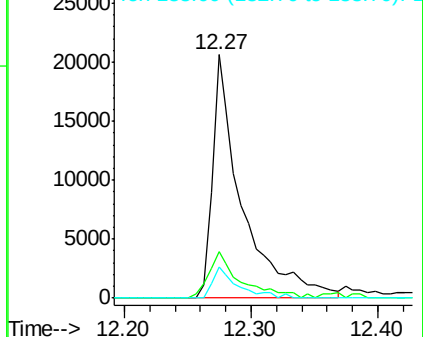
183 12.6 9.8 14.6

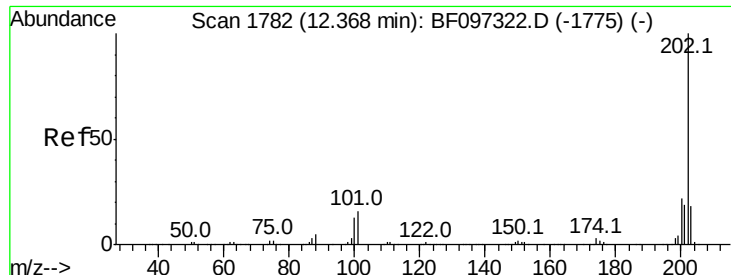


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

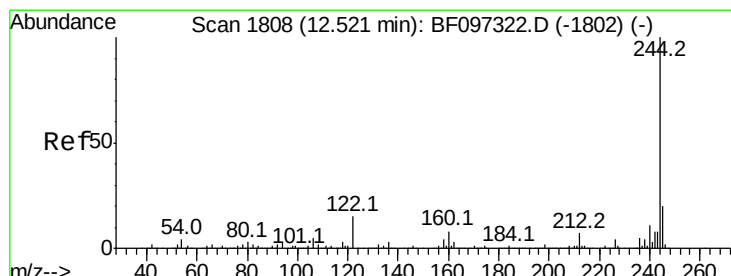
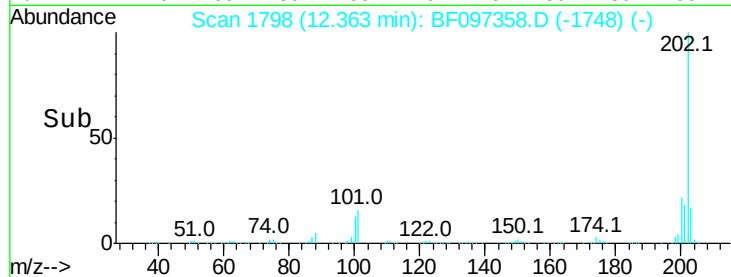
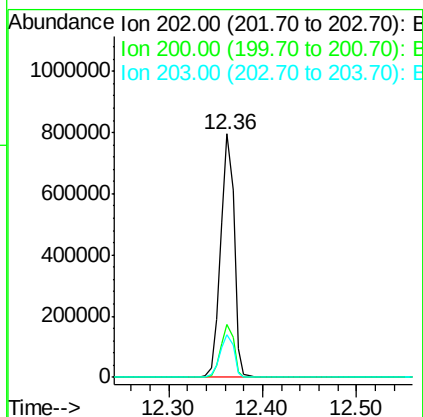
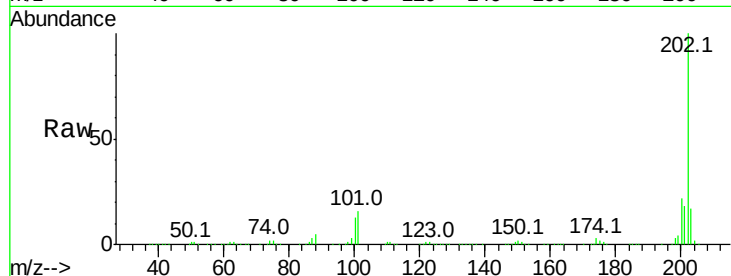




#77
Pvrene
Concen: 60.978 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

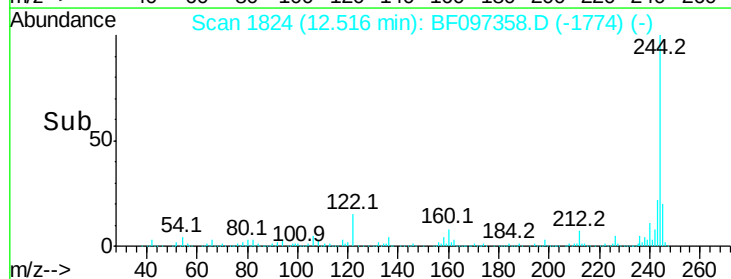
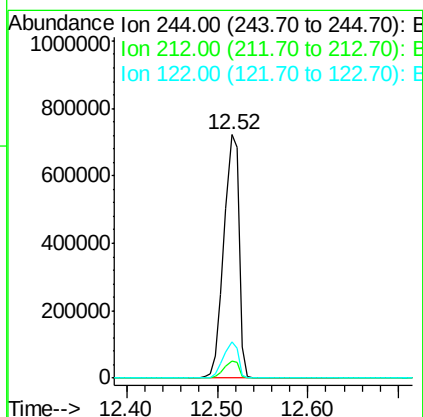
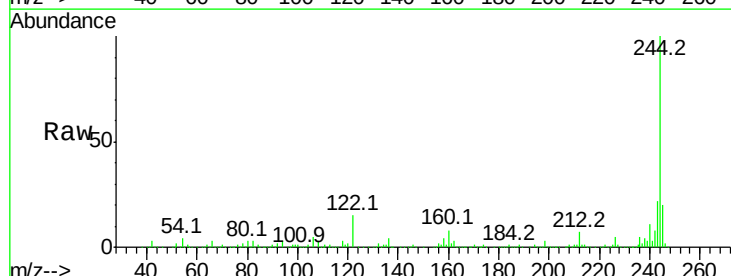
Instrument :
BNA_F
ClientSampleId :
A4129MS

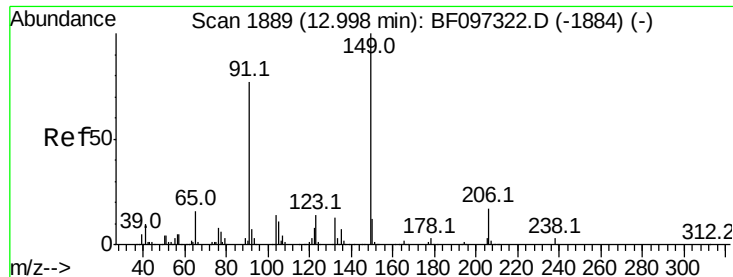
Tot Ion:202 Resp: 798805
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 105.610 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:244 Resp: 828865
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 15.1 10.3 15.5





#79

Butylbenzylphthalate

Concen: 62.972 ng

RT: 12.99 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

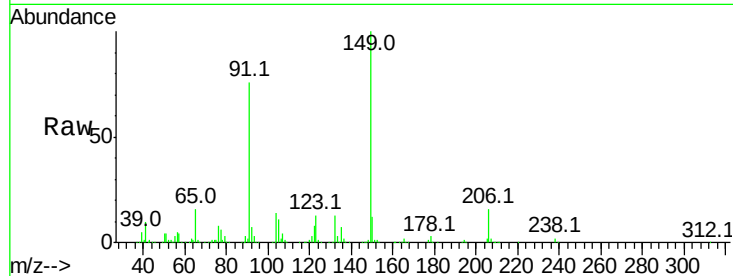
Tot Ion:149 Resp: 419622

Ion Ratio Lower Upper

149 100

91 76.4 45.0 67.4#

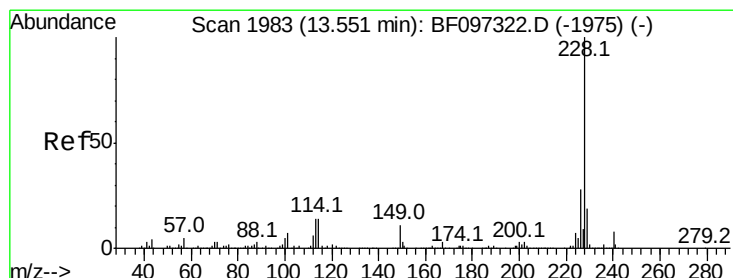
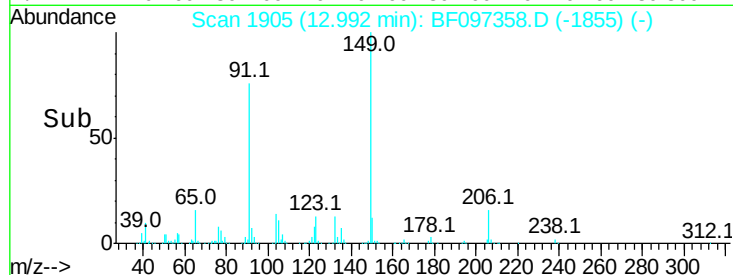
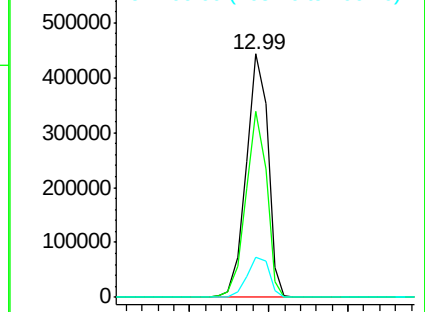
206 16.3 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 57.420 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

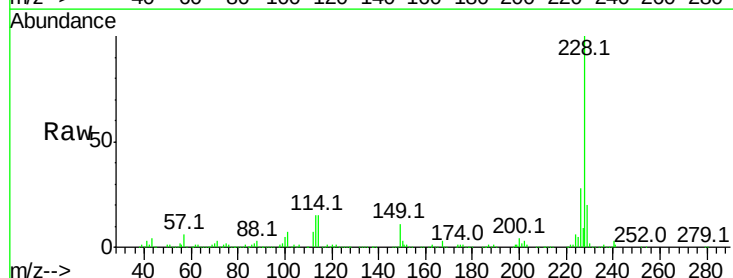
Tgt Ion:228 Resp: 594511

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

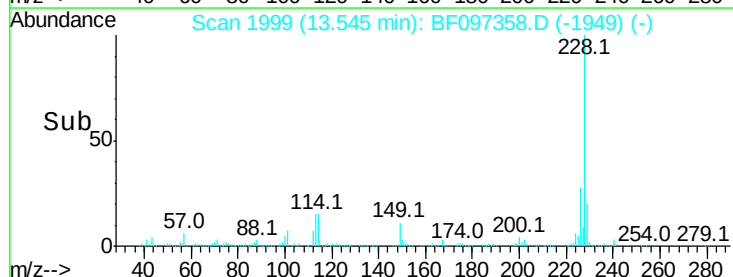
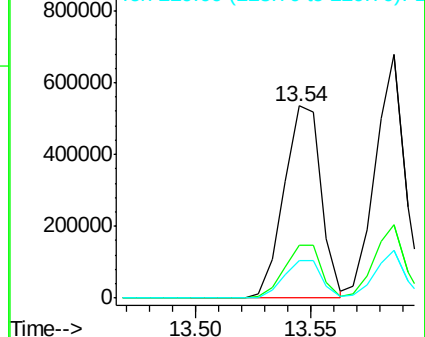
229 19.6 16.3 24.5

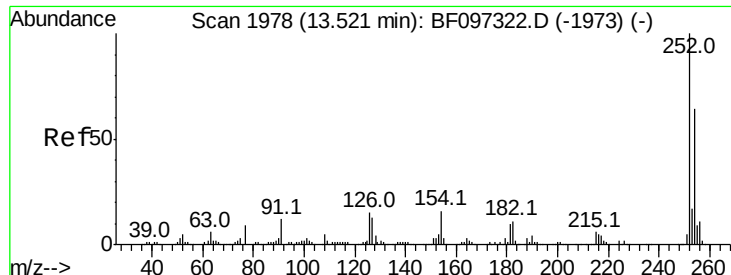


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

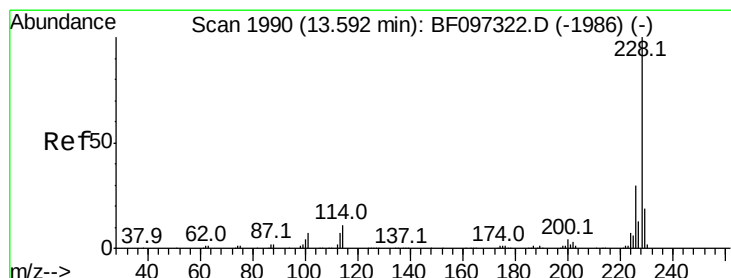
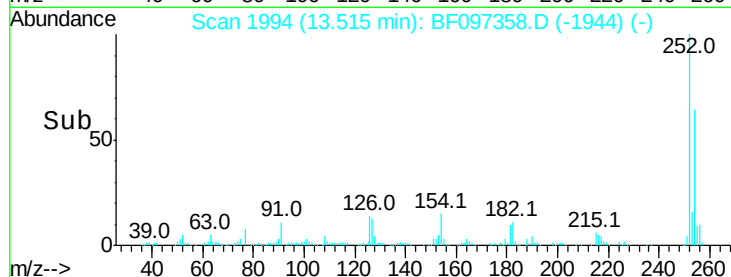
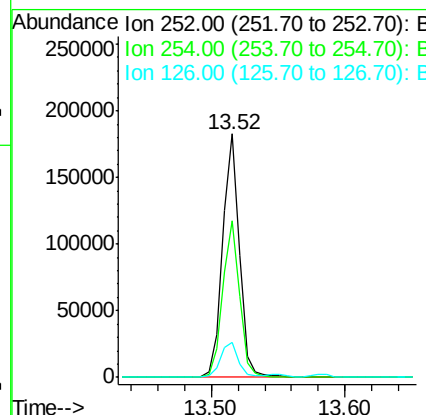
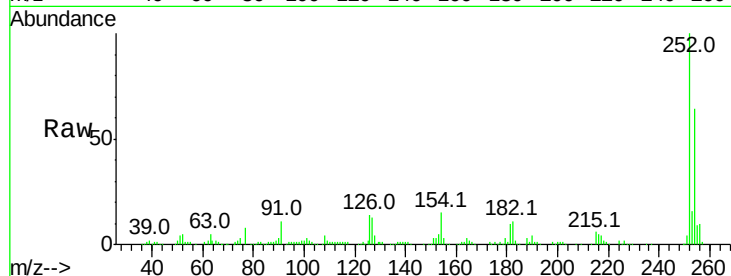




#81
 3,3'-Dichlorobenzidine
 Concen: 41.881 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

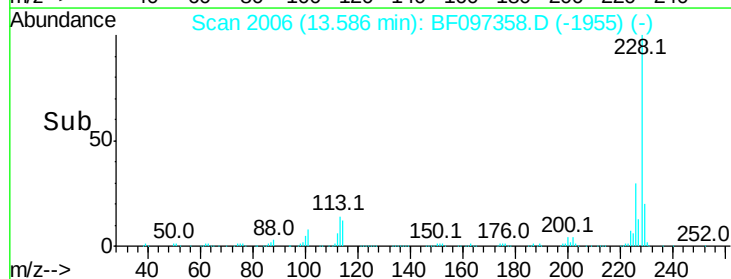
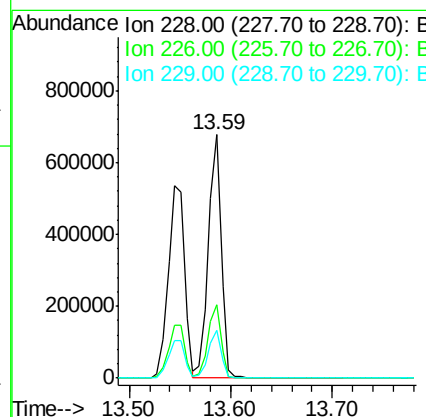
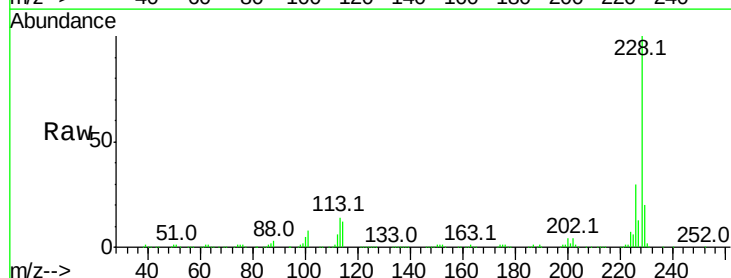
Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

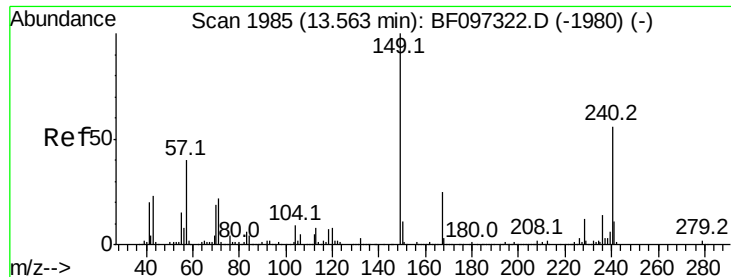
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.3	15.8	23.8#



#82
 Chrysene
 Concen: 59.343 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.759 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

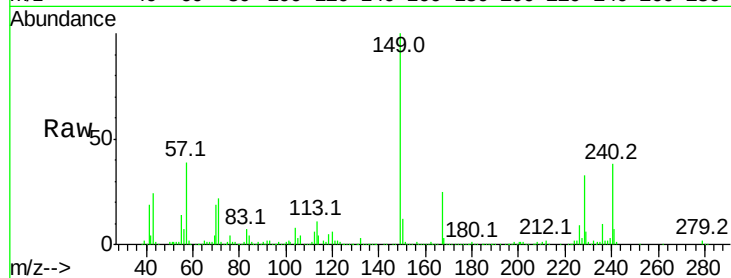
Tot Ion:149 Resp: 476422

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

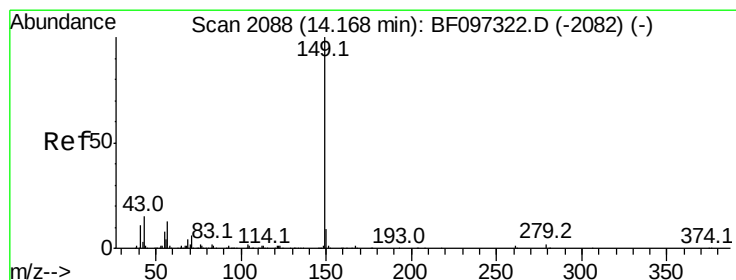
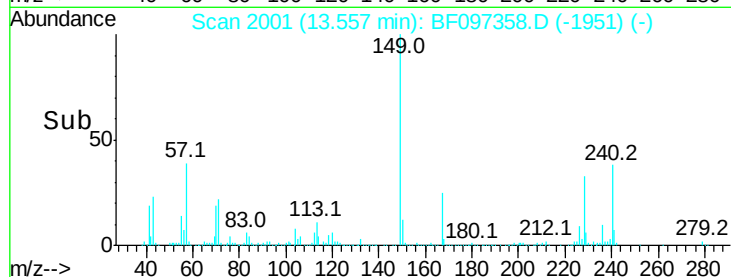
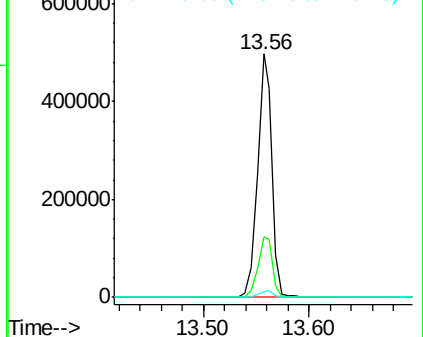
279 2.5 1.9 2.9



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: 53.555 ng

RT: 14.16 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

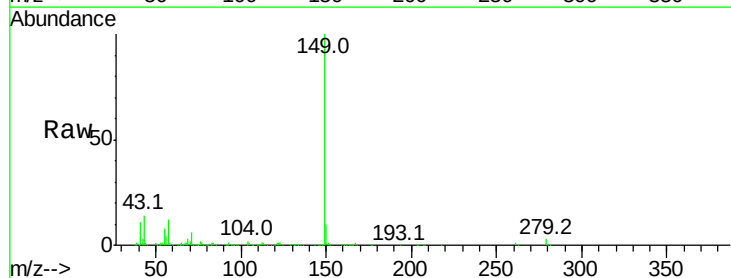
Tgt Ion:149 Resp: 855078

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

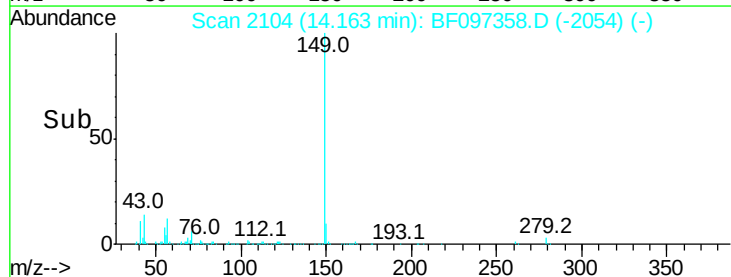
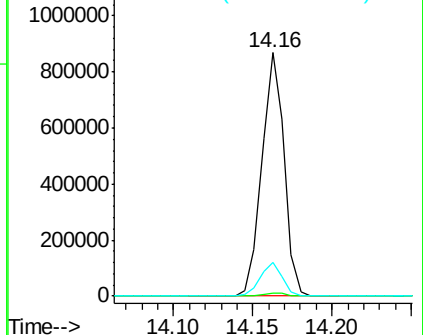
43 13.4 8.5 12.7#

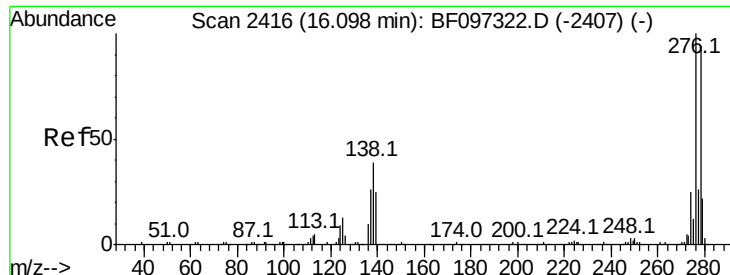


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

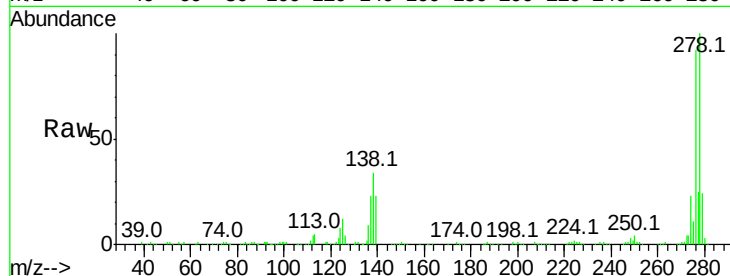




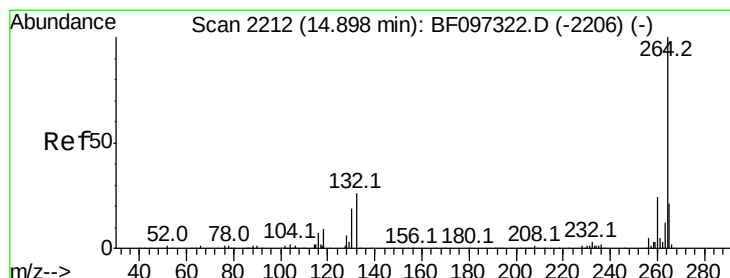
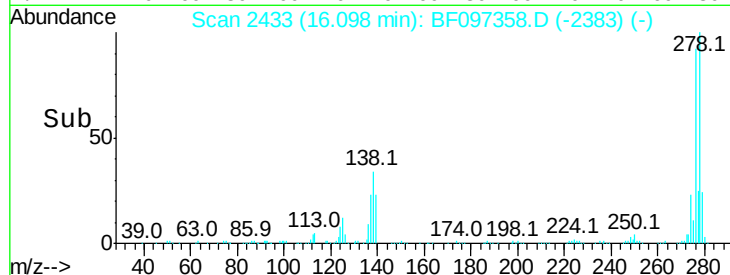
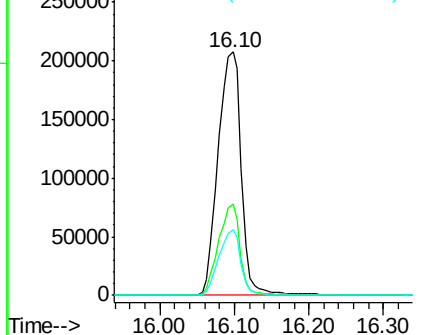
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.901 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion:276 Resp: 449936
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.8 41.6
 277 25.5 20.2 30.4

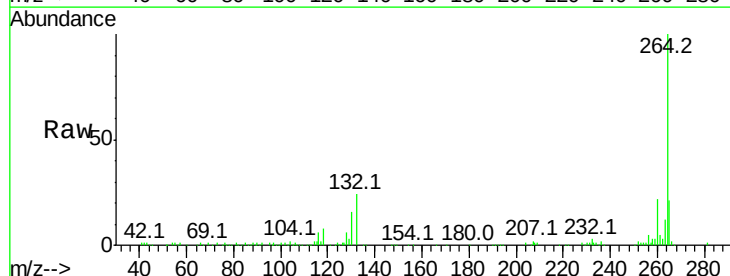


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

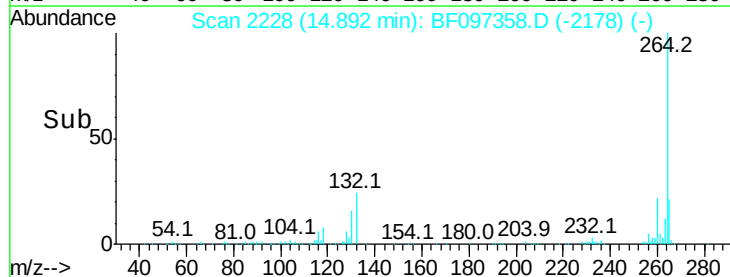
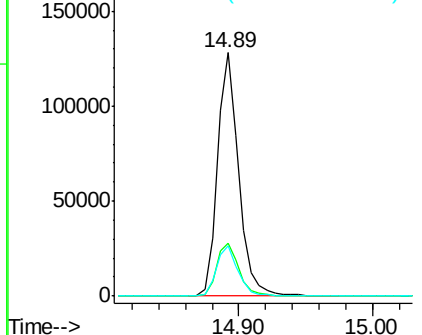


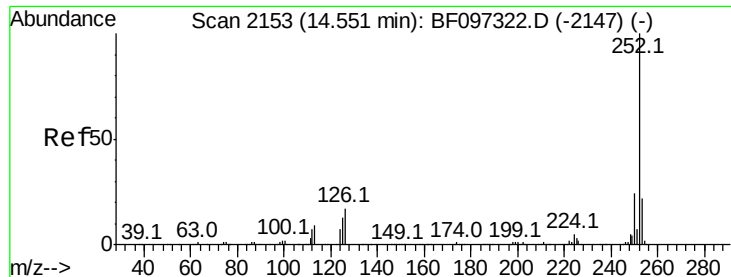
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:264 Resp: 143622
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.5 29.3
 265 20.7 17.2 25.8



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

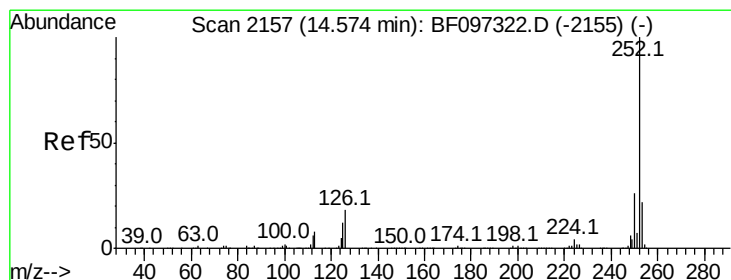
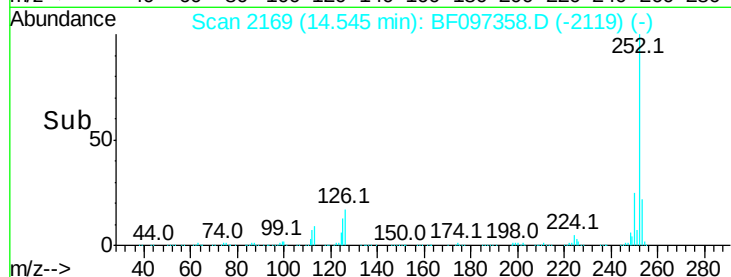
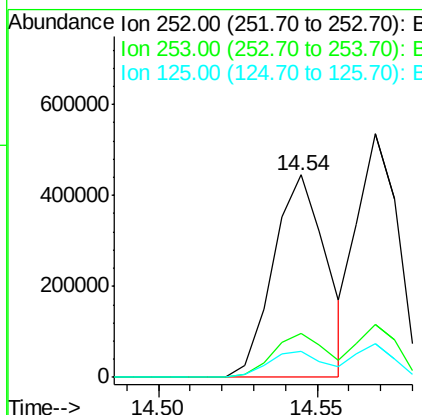
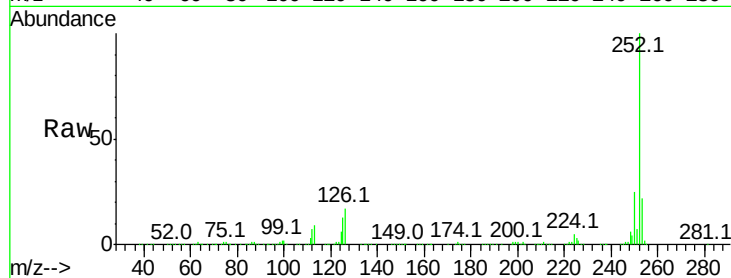




#87
Benzo(b)fluoranthene
Concen: 59.889 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

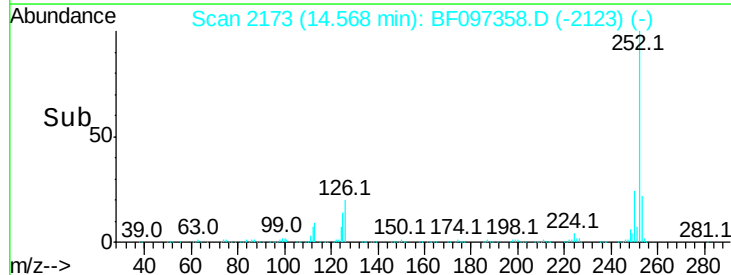
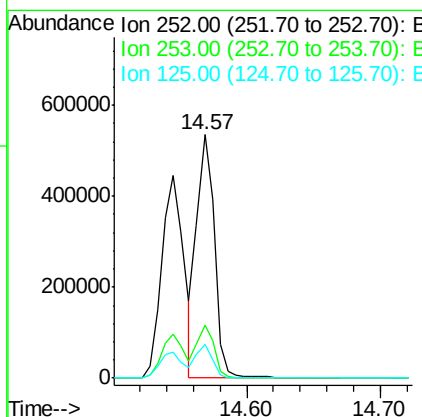
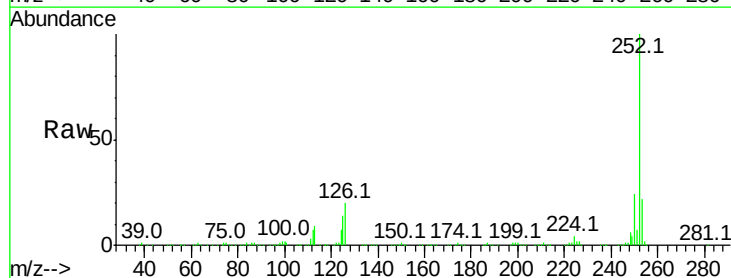
Instrument :
BNA_F
ClientSampleId :
A4129MS

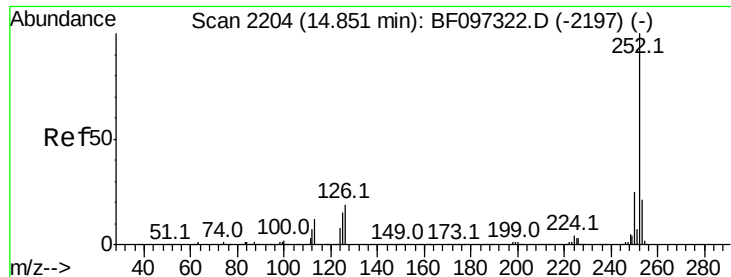
Tot Ion:252 Resp: 517051
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 59.010 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:252 Resp: 485467
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 57.687 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

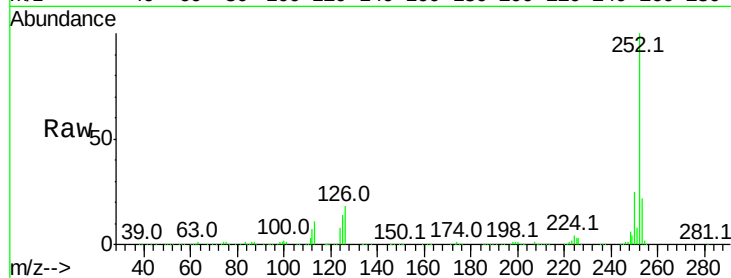
Tot Ion:252 Resp: 455815

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

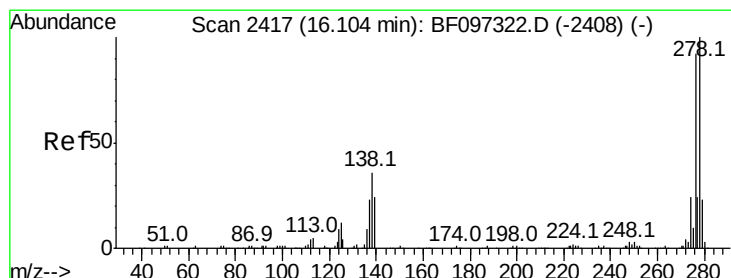
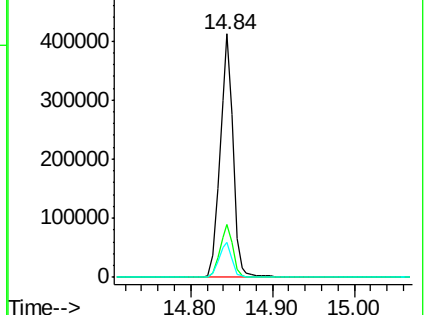
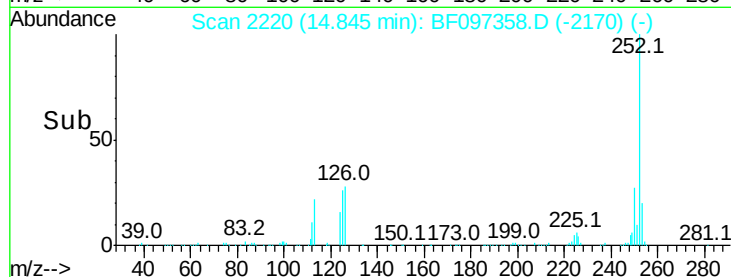
125 14.4 11.0 16.4



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: 56.352 ng

RT: 16.10 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

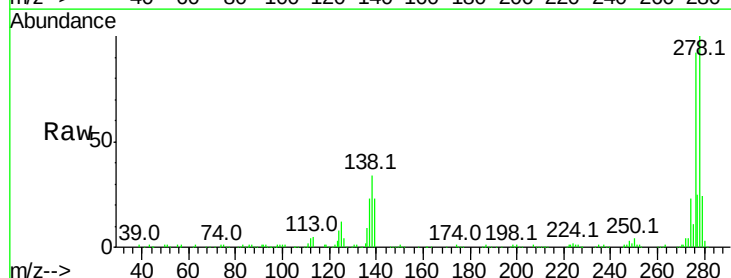
Tgt Ion:278 Resp: 365140

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

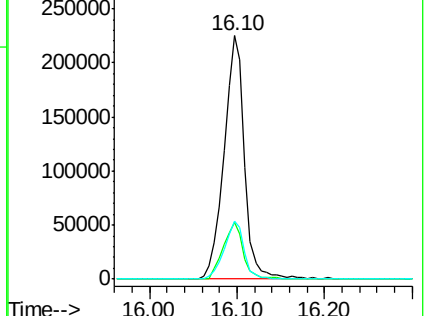
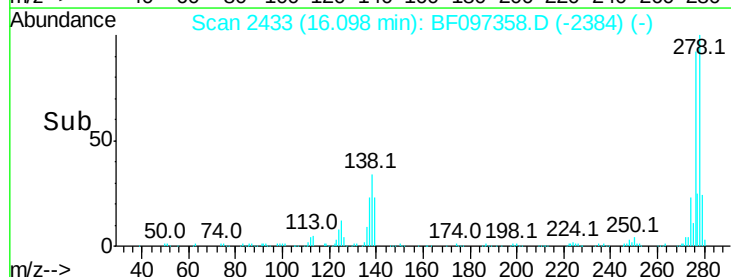
279 23.8 19.3 28.9

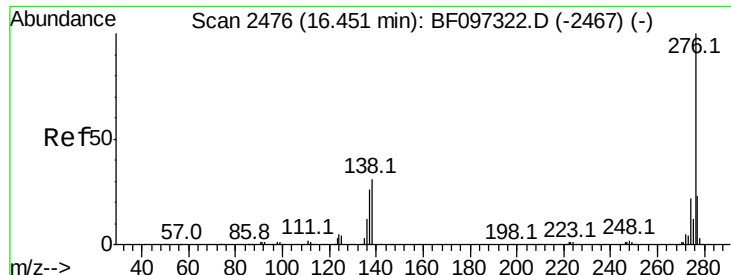


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.140 ng

RT: 16.44 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

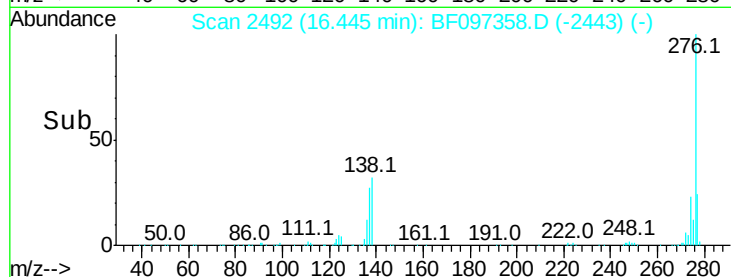
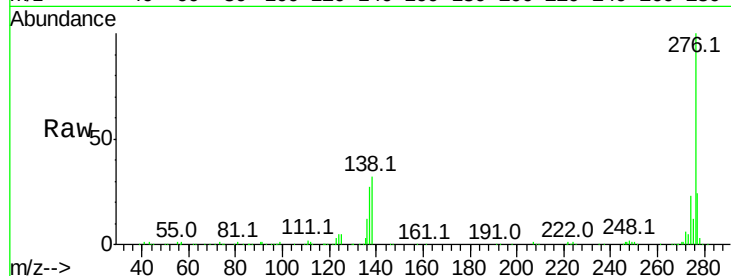
Tot Ion:276 Resp: 401858

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 31.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

