

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101954.D
 Acq On : 9 Jan 2018 16:09
 Operator : SJ/JU
 Sample : J1018-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 23:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	248402	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	1031112	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	436591	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	630999	20.00	ng	0.00
75) Chrysene-d12	13.87	240	387383	20.00	ng	0.00
86) Perylene-d12	15.29	264	418559	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1664903	94.64	ng	0.01
7) Phenol-d6	6.36	99	2009388	95.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	1248671	71.16	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	313148	82.19	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1703361	60.95	ng	0.00
78) Terphenyl-d14	12.83	244	1002857	53.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	345	0.039	ng	# 1
3) Pyridine	3.06	79	114	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.07	42	2204	0.220	ng	# 1
6) Aniline	6.37	93	2347	0.079	ng	# 1
8) 2-Chlorophenol	6.50	128	1433	0.081	ng	# 1
9) Benzaldehyde	6.36	77	4791	0.329	ng	# 7
10) Phenol	6.37	94	84393	3.558	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	4404	0.244	ng	# 1
12) 1,3-Dichlorobenzene	6.73	146	130	0.006	ng	# 1
13) 1,4-Dichlorobenzene	6.73	146	130	0.006	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	675	0.036	ng	# 1
15) Benzyl Alcohol	6.88	79	21115	1.375	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.01	45	85	0.003	ng	87
17) 2-Methylphenol	7.00	107	133	0.008	ng	# 1
18) Hexachloroethane	7.26	117	246	0.034	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	166873	12.132	ng	# 85
20) 3+4-Methylphenols	7.12	107	690	0.036	ng	# 42
22) Acetophenone	7.12	105	2163	0.087	ng	# 27
24) Nitrobenzene	7.29	77	4363	0.231	ng	# 32
25) Isophorone	7.29	82	1245889	35.935	ng	# 64
26) 2-Nitrophenol	7.62	139	148	0.019	ng	# 43
27) 2,4-Dimethylphenol	7.67	122	1021	0.069	ng	# 4
28) bis(2-Chloroethoxy)methane	7.77	93	110	0.005	ng	# 1
30) 1,2,4-Trichlorobenzene	7.99	180	118	0.008	ng	# 12
31) Naphthalene	8.03	128	20724	0.402	ng	# 92
32) Benzoic acid	7.79	122	106	0.009	ng	# 80
33) 4-Chloroaniline	8.10	127	240	0.011	ng	# 5
35) Caprolactam	8.47	113	120	0.025	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	4496	0.293	ng	# 26
37) 2-Methylnaphthalene	8.72	142	14225	0.419	ng	91
45) 1,1'-Biphenyl	9.18	154	8632	0.224	ng	94
46) 2-Chloronaphthalene	9.38	162	637	0.021	ng	94
47) 2-Nitroaniline	9.27	65	1126	0.126	ng	# 2
48) Acenaphthylene	9.62	152	28603	0.602	ng	95

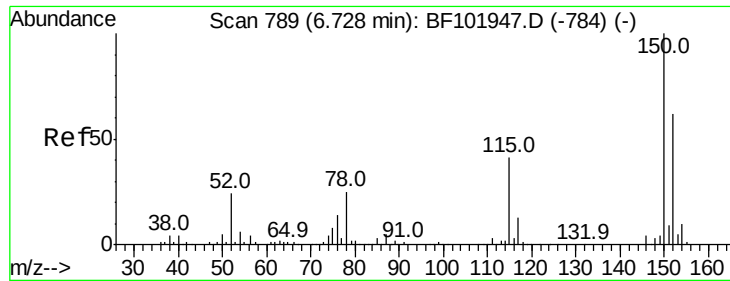
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101954.D
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 Operator : SJ/JU
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.48	163	187922	5.366	nq	99
50) 2,6-Dinitrotoluene	9.47	165	2115	0.302	nq #	13
51) Acenaphthene	9.79	154	10119	0.351	nq	91
52) 3-Nitroaniline	9.71	138	329	0.037	nq #	68
54) Dibenzofuran	9.96	168	11327	0.286	nq #	88
55) 4-Nitrophenol	9.87	139	1320	0.201	nq #	75
56) 2,4-Dinitrotoluene	10.03	165	13755	1.569	nq #	42
57) Fluorene	10.30	166	19472	0.712	nq #	98
59) Diethylphthalate	10.18	149	16368	0.470	nq #	91
61) 4-Nitroaniline	10.30	138	951	0.113	nq	94
62) Azobenzene	10.47	77	145081	4.186	nq #	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	754	5.856	nq #	1
65) n-Nitrosodiphenylamine	10.42	169	2059	0.087	nq #	49
66) 4-Bromophenyl-phenylether	10.54	248	20762	3.116	nq #	1
68) Atrazine	11.03	200	117	0.017	nq #	37
69) Pentachlorophenol	11.13	266	140	0.032	nq #	19
70) Phenanthrene	11.26	178	141718	3.845	nq	99
71) Anthracene	11.31	178	36209	0.969	nq	97
72) Carbazole	11.47	167	10830	0.295	nq #	94
73) Di-n-butylphthalate	11.82	149	30246	0.671	nq #	91
74) Fluoranthene	12.44	202	163981	4.522	nq	96
76) Benzidine	12.60	184	770	0.041	nq #	1
77) Pyrene	12.67	202	201099	5.873	nq	98
79) Butylbenzylphthalate	13.31	149	1665	0.106	nq #	79
80) Benzo(a)anthracene	13.90	228	84583	3.422	nq	95
81) 3,3'-Dichlorobenzidine	13.83	252	720	0.079	nq #	1
82) Chrysene	13.90	228	84583	3.282	nq	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	16432	0.912	nq	95
84) Di-n-octyl phthalate	14.50	149	28274	0.945	nq #	75
85) Indeno(1,2,3-cd)pyrene	16.66	276	44988	2.398	nq #	93
87) Benzo(b)fluoranthene	14.88	252	120611	4.419	nq #	89
88) Benzo(k)fluoranthene	14.88	252	120611	4.581	nq #	92
89) Benzo(a)pyrene	15.23	252	77131	3.141	nq #	90
90) Dibenzo(a,h)anthracene	16.67	278	13073	0.667	nq #	66
91) Benzo(a,h,i)perylene	17.06	276	51357	2.601	nq #	91

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

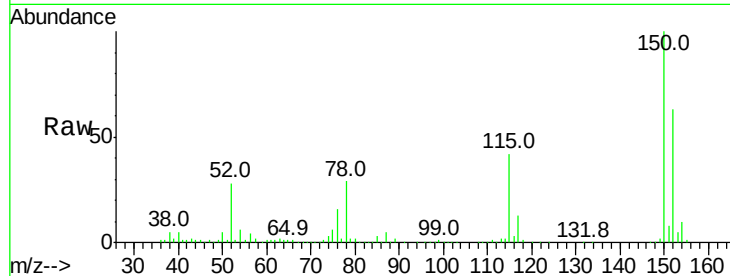


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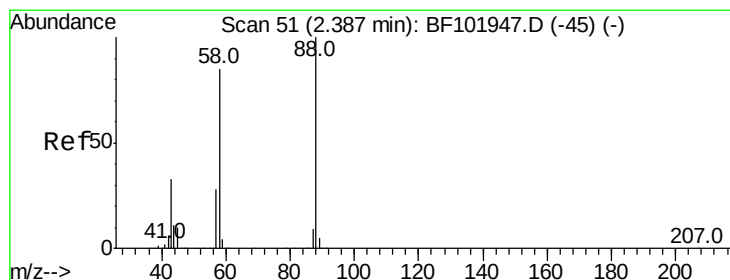
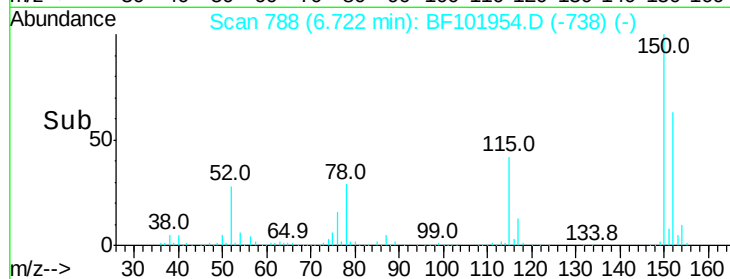
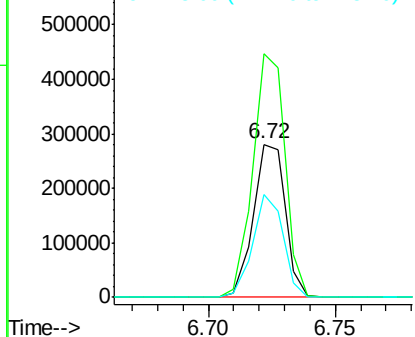
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 248402
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 67.1 50.1 75.1



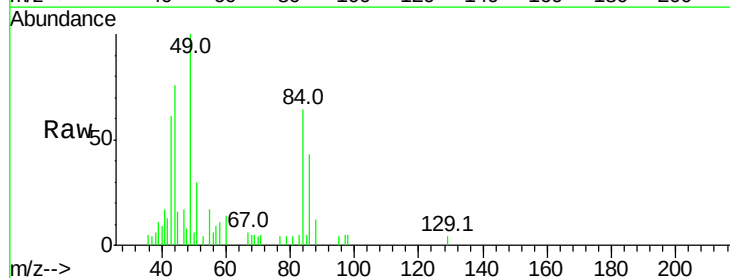
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



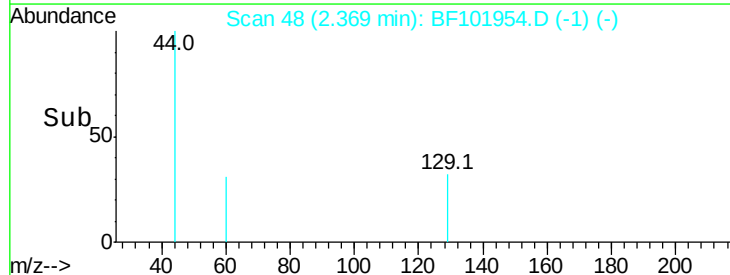
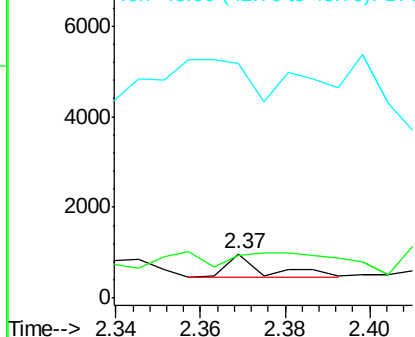
#2

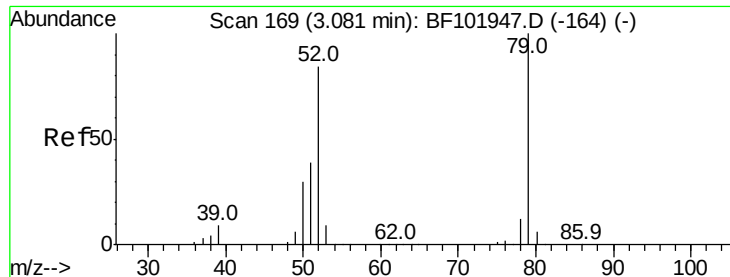
1,4-Dioxane
Concen: 0.039 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion: 88 Resp: 345
Ion Ratio Lower Upper
88 100
58 244.1 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.005 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

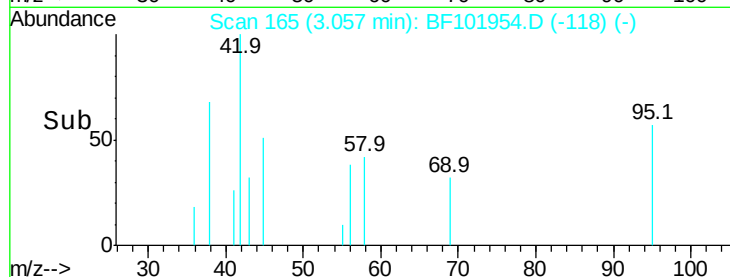
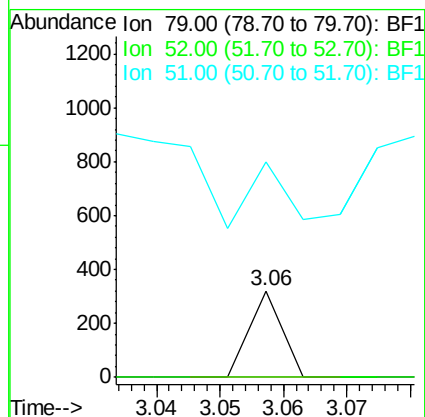
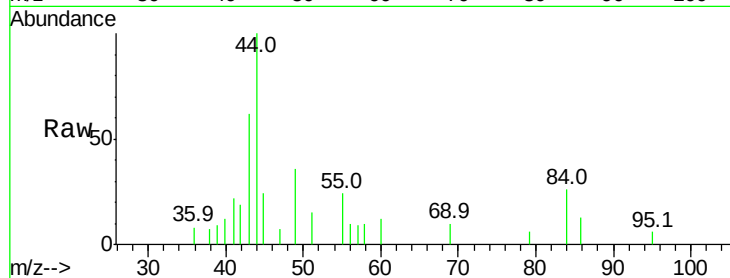
Tot Ion: 79 Resp: 114

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 248.4 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.220 ng

RT: 3.07 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

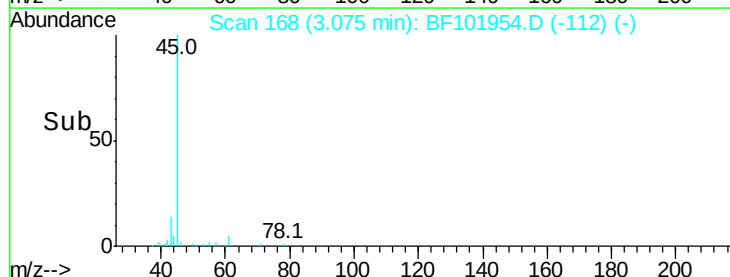
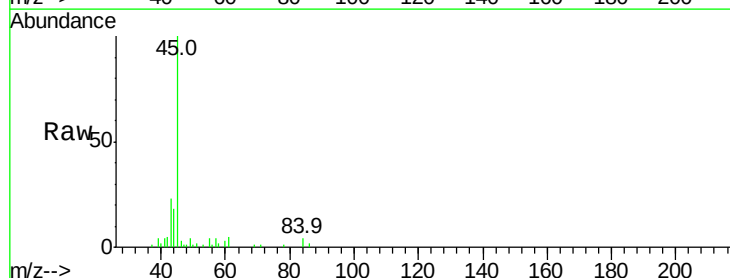
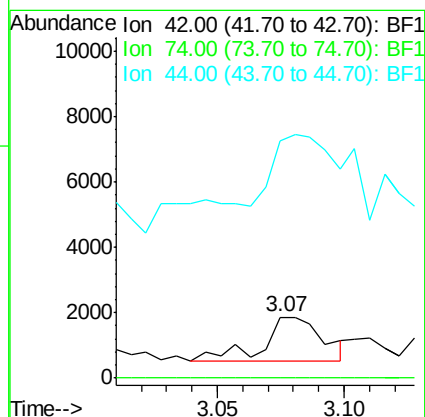
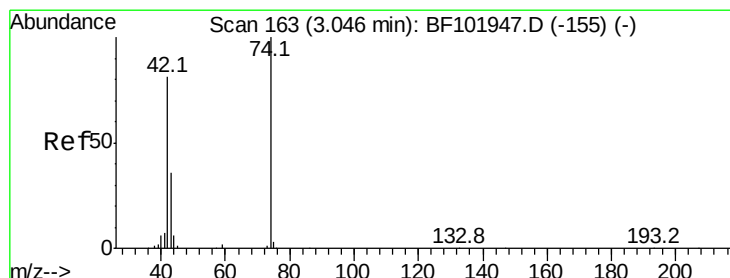
Tgt Ion: 42 Resp: 2204

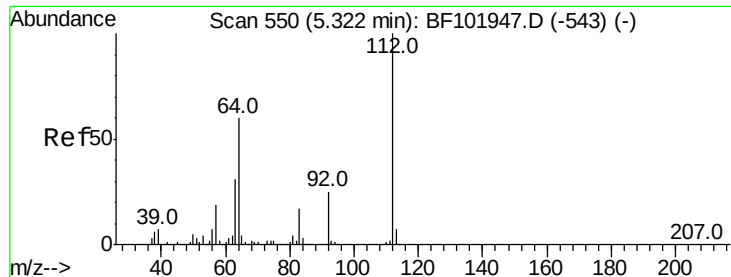
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 392.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 94.644 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

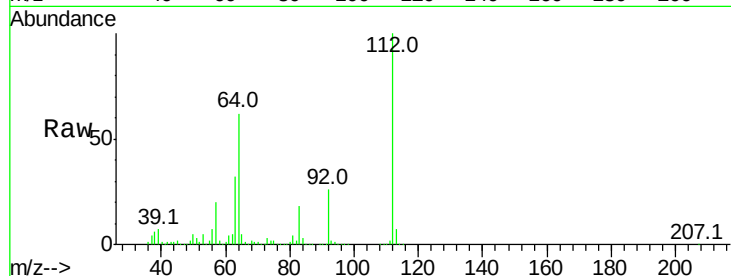
Tot Ion:112 Resp: 1664903

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

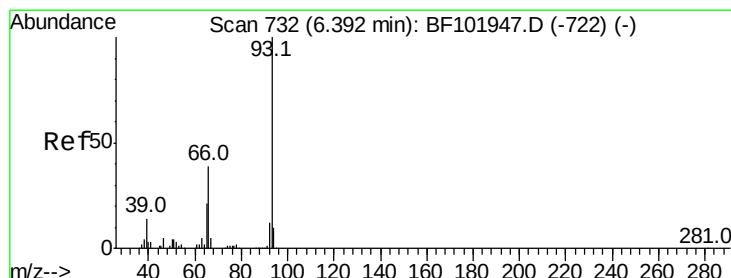
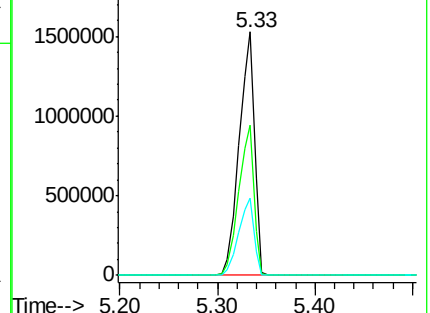
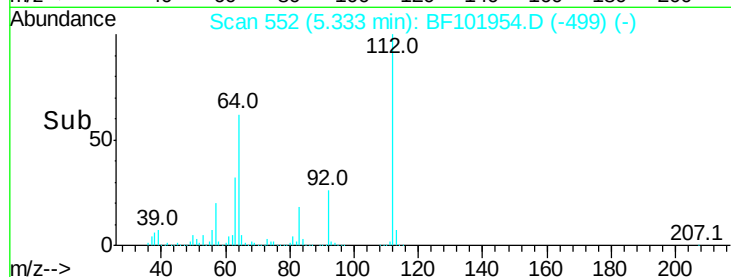
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.079 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

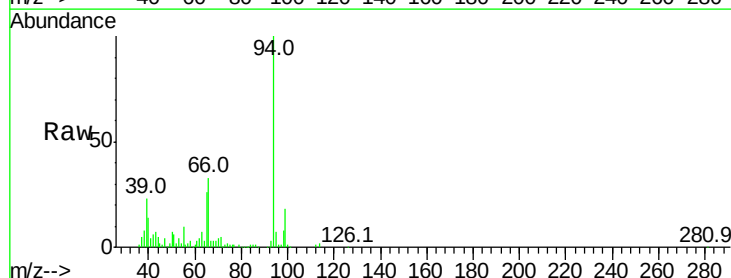
Tgt Ion: 93 Resp: 2347

Ion Ratio Lower Upper

93 100

66 1150.4 32.2 48.2#

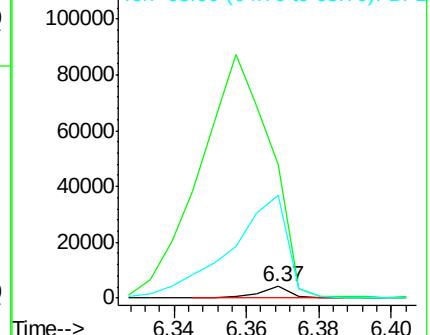
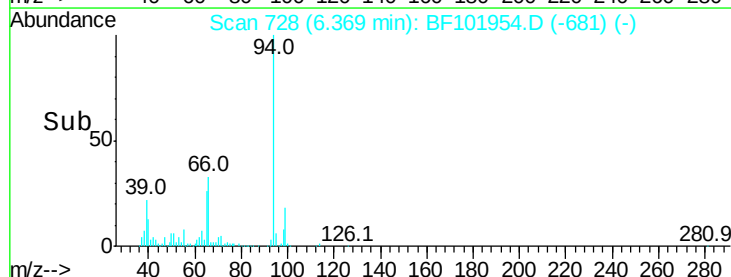
65 887.9 16.4 24.6#

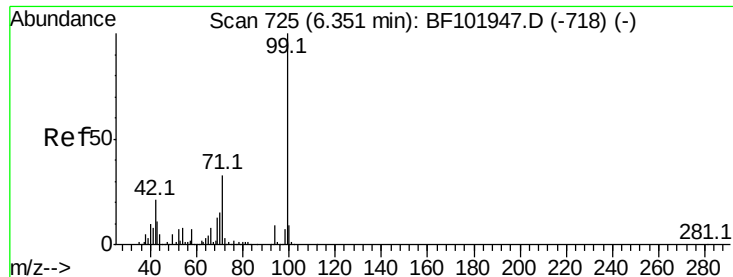


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.739 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

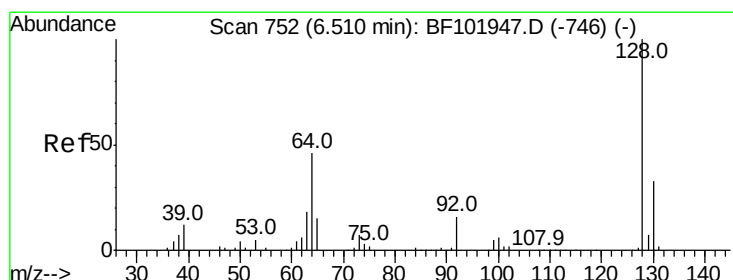
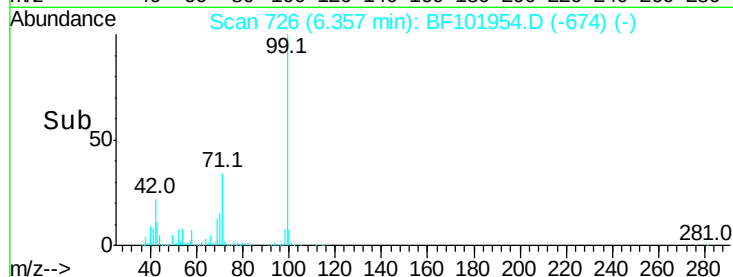
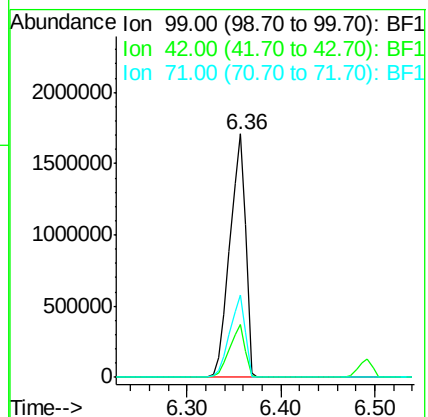
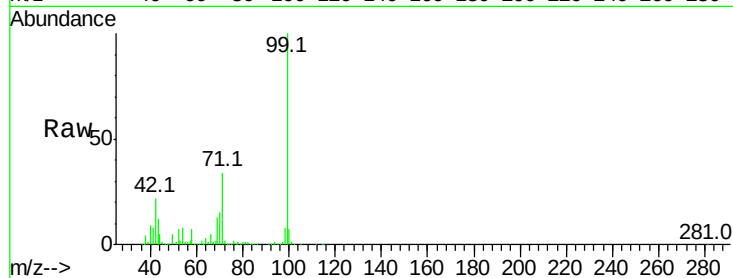
Tot Ion: 99 Resp: 2009388

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 0.081 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

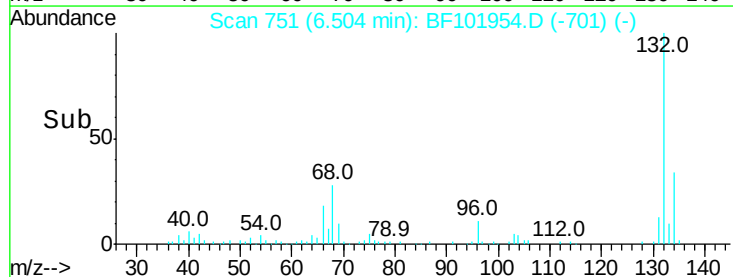
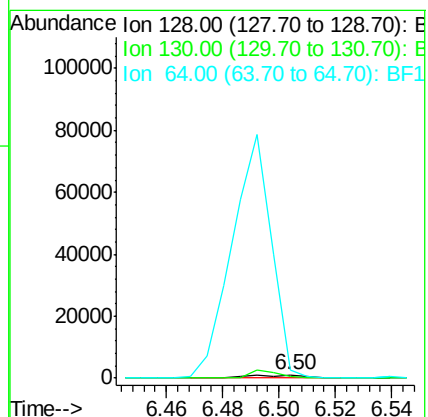
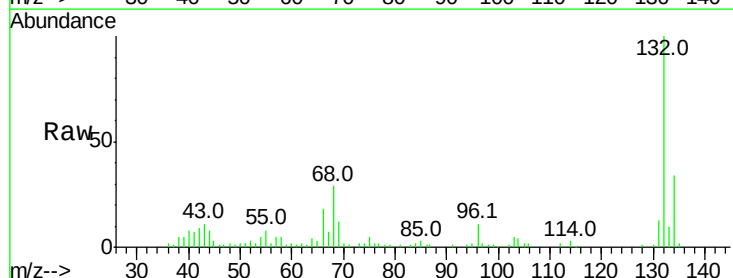
Tgt Ion: 128 Resp: 1433

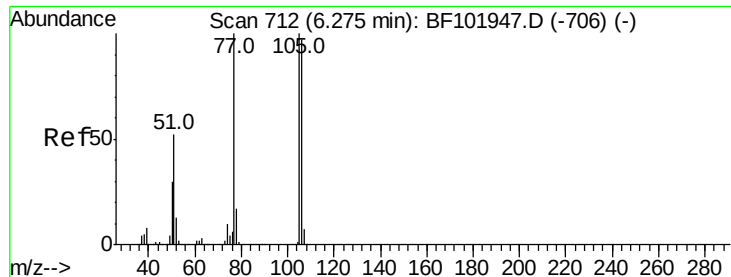
Ion Ratio Lower Upper

128 100

130 49.5 13.0 53.0

64 250.4 29.4 69.4#





#9

Benzaldehyde

Concen: 0.329 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.08 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

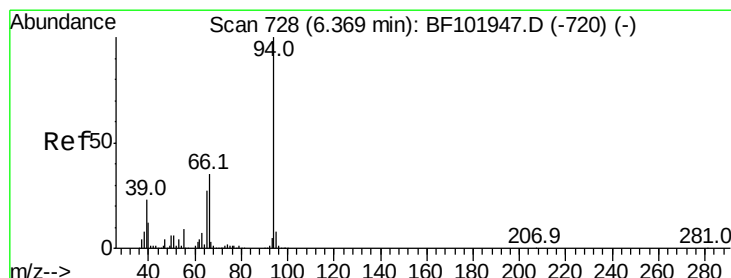
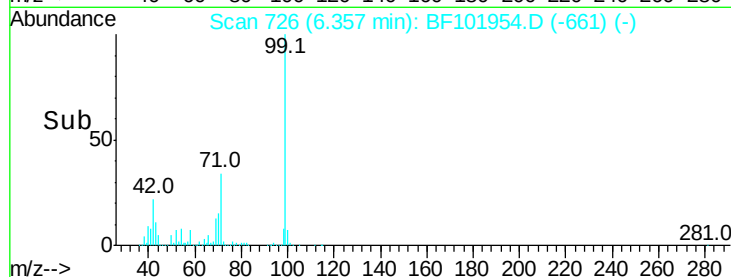
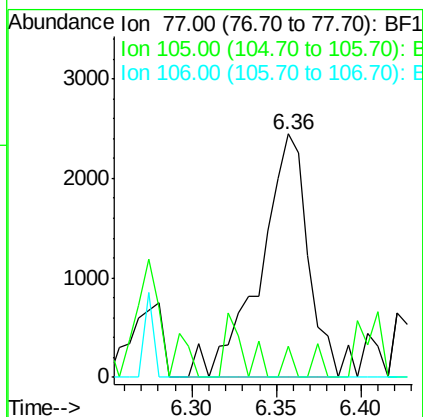
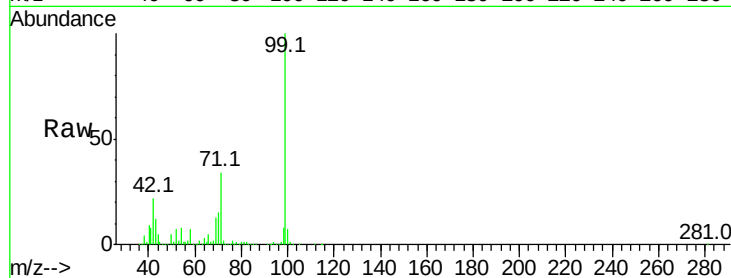
Tot Ion: 77 Resp: 4791

Ion Ratio Lower Upper

77 100

105 12.7 81.1 121.1#

106 0.0 74.5 114.5#



#10

Phenol

Concen: 3.558 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

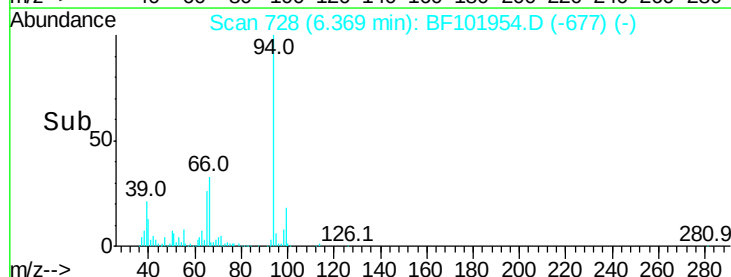
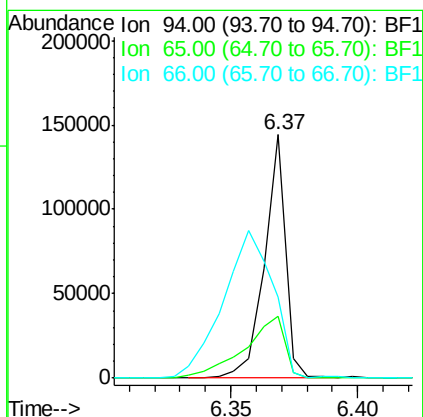
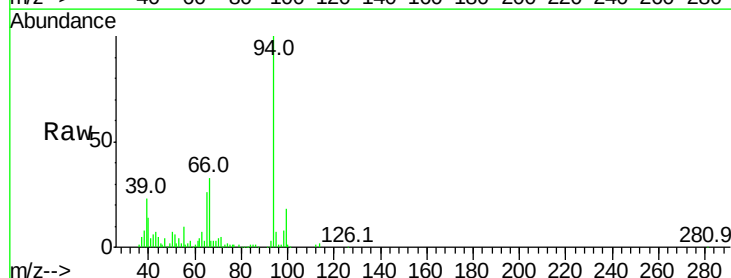
Tgt Ion: 94 Resp: 84393

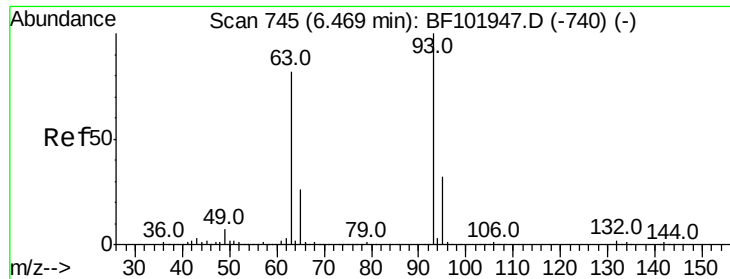
Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 33.1 16.2 56.2

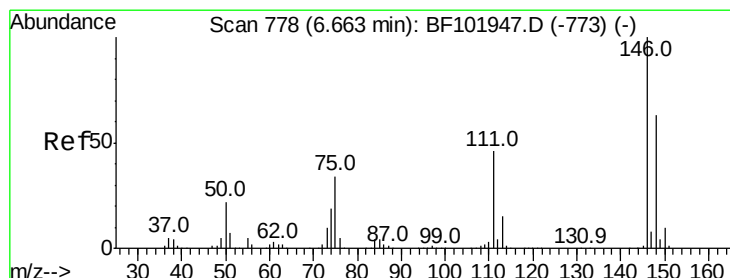
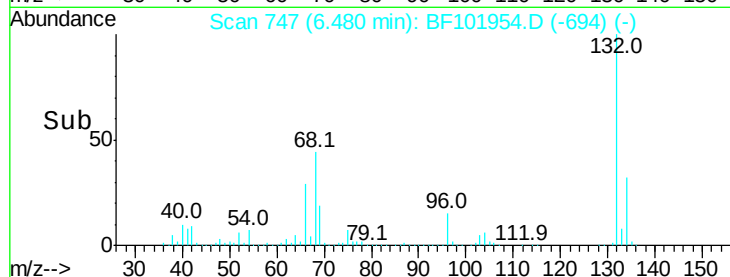
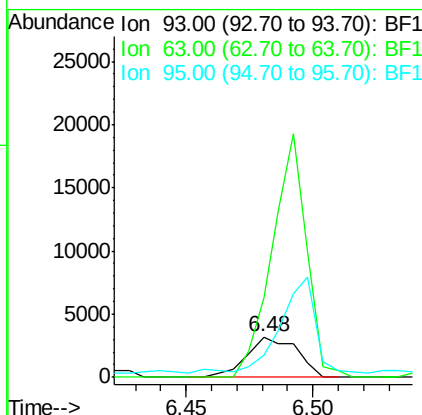
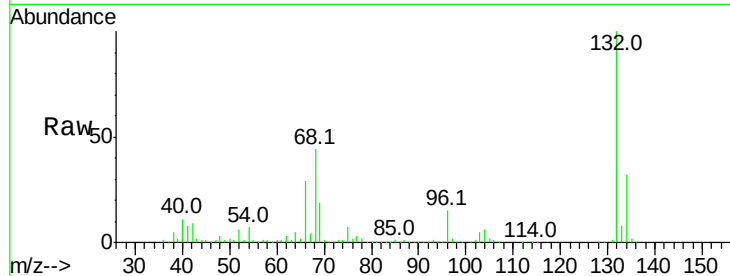




#11
 bis(2-Chloroethyl)ether
 Concen: 0.244 ng
 RT: 6.48 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

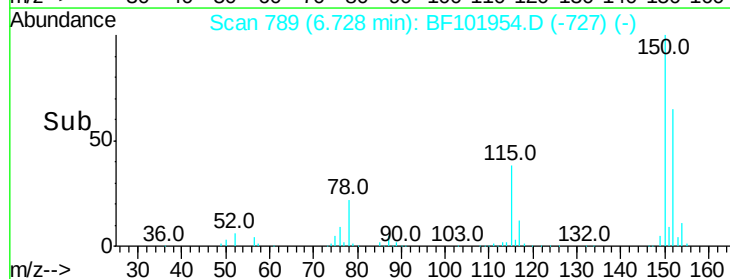
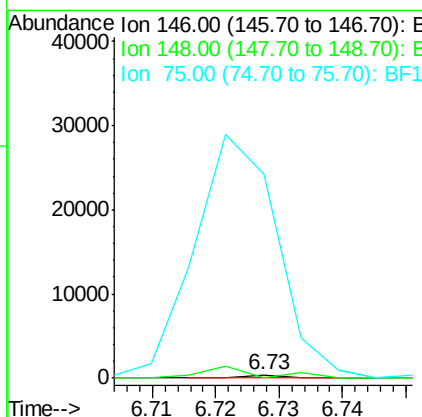
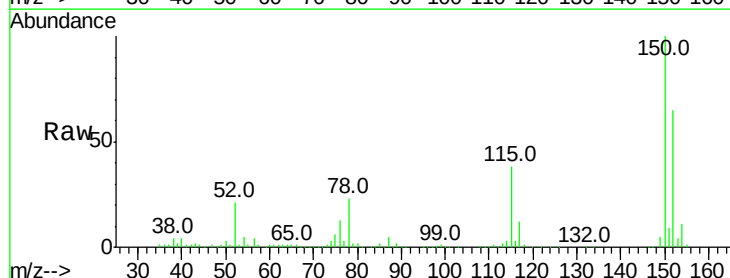
Instrument :
 BNA_F
 ClientSampled :

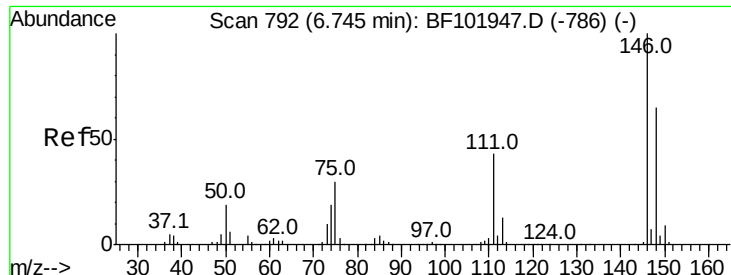
Tot Ion: 93 Resp: 4404
 Ion Ratio Lower Upper
 93 100
 63 197.5 58.6 98.6#
 95 56.2 11.8 51.8#



#12
 1,3-Dichlorobenzene
 Concen: 0.006 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.06 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Tgt Ion:146 Resp: 130
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.8 77.8#
 75 6586.4 24.2 36.4#

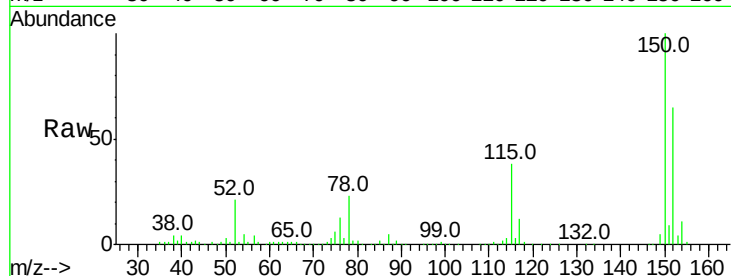




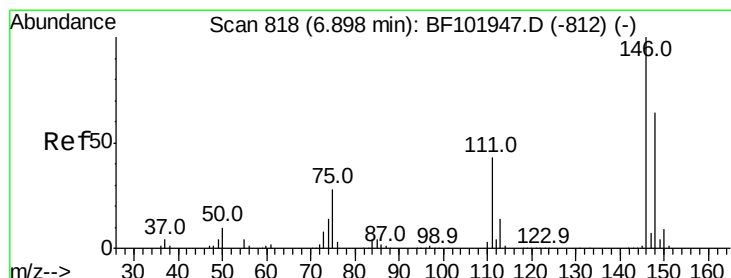
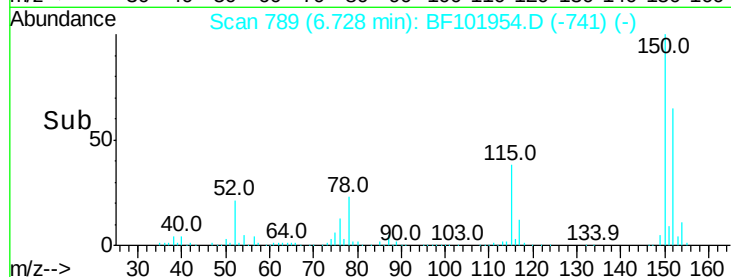
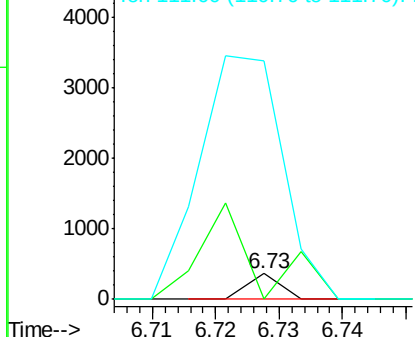
#13
 1,4-Dichlorobenzene
 Concen: 0.006 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 130
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 919.0 34.2 51.2#

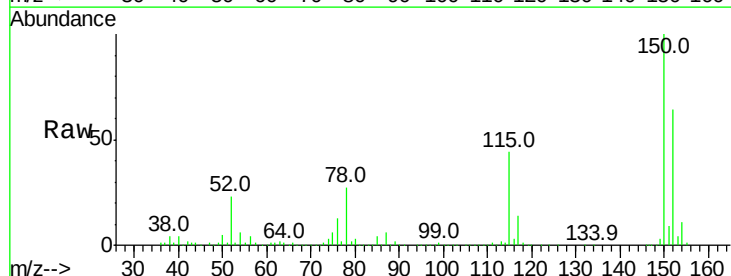


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

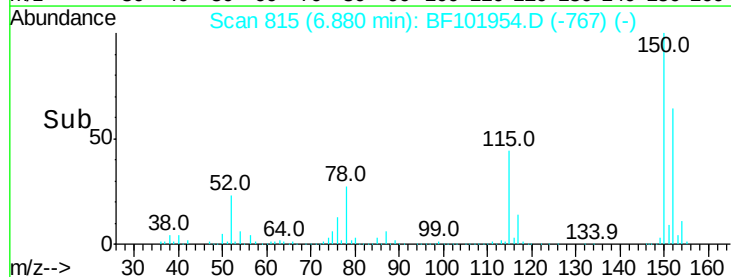
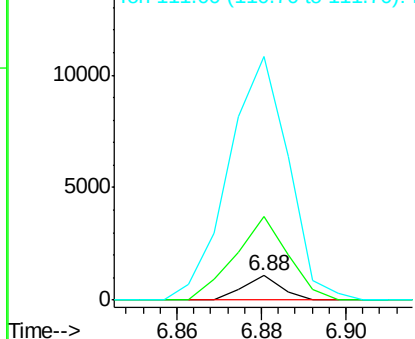


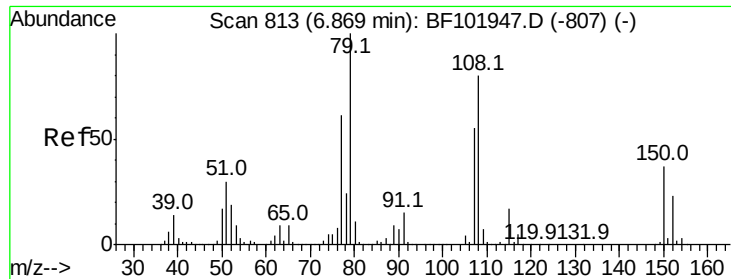
#14
 1,2-Dichlorobenzene
 Concen: 0.036 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Tgt Ion:146 Resp: 675
 Ion Ratio Lower Upper
 146 100
 148 343.6 50.6 75.8#
 111 997.1 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

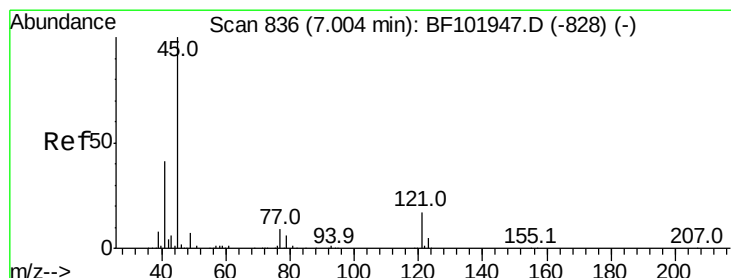
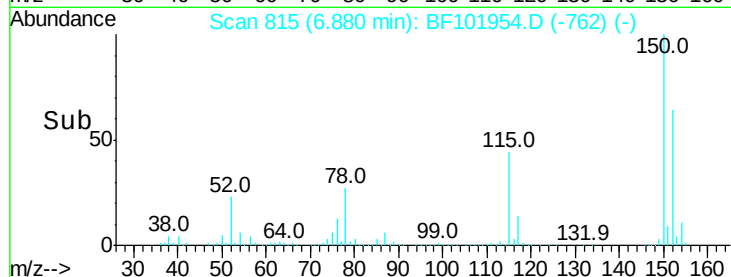
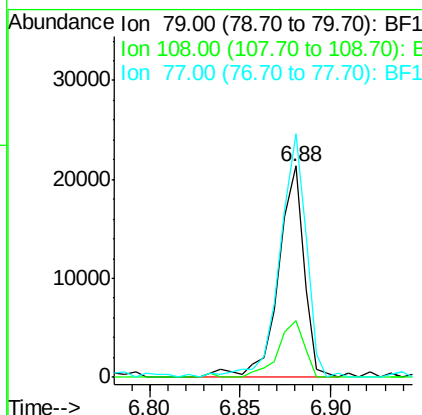
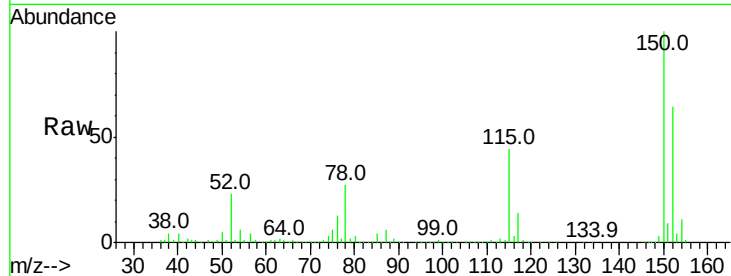




#15
Benzyl Alcohol
Concen: 1.375 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

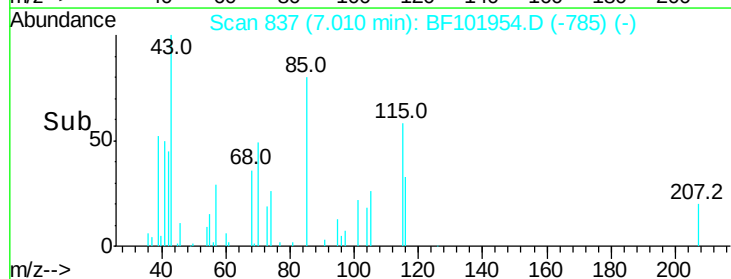
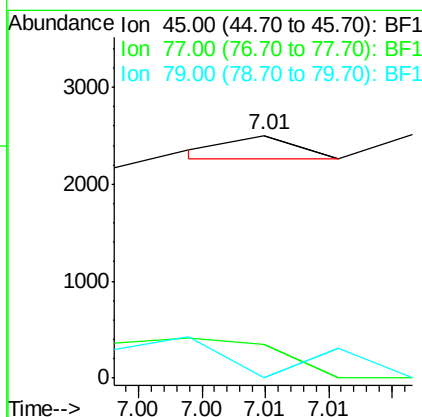
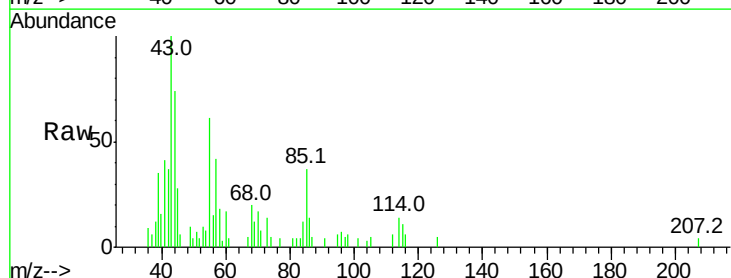
Instrument :
BNA_F
ClientSampleId :

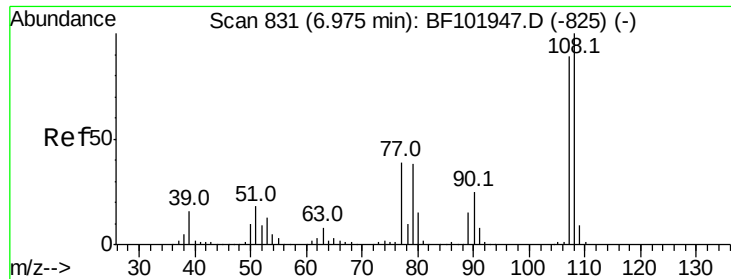
Tot Ion: 79 Resp: 21115
Ion Ratio Lower Upper
79 100
108 26.7 65.1 97.7#
77 115.2 50.6 75.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion: 45 Resp: 85
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.9
79 0.0 0.0 29.6





#17

2-Methylphenol

Concen: 0.008 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.03 min

Lab File: BF101954.D

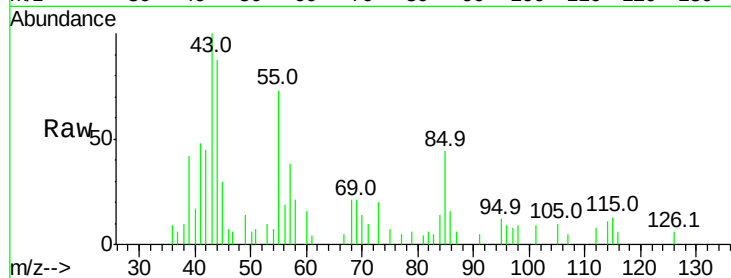
Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	133
Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	108.5	33.8	50.8#
79	113.8	33.8	50.8#

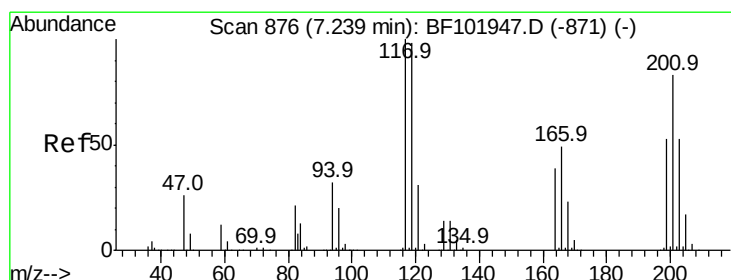
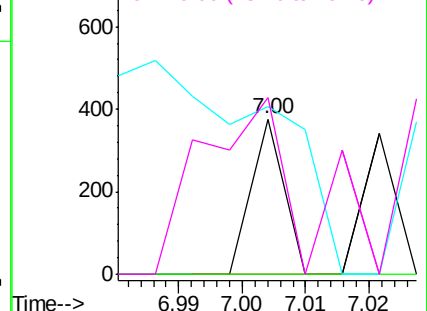
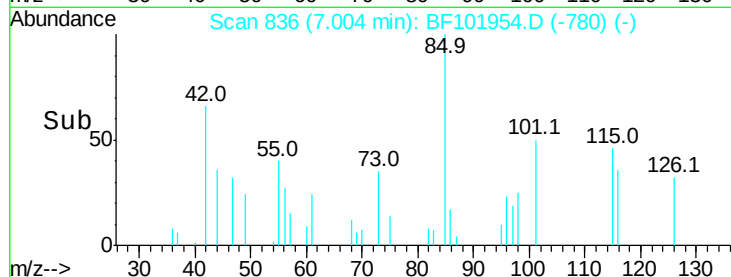


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.034 ng

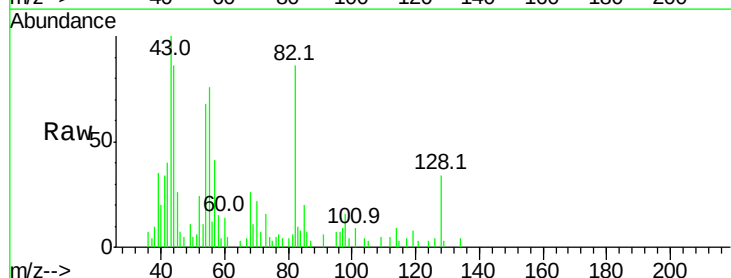
RT: 7.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

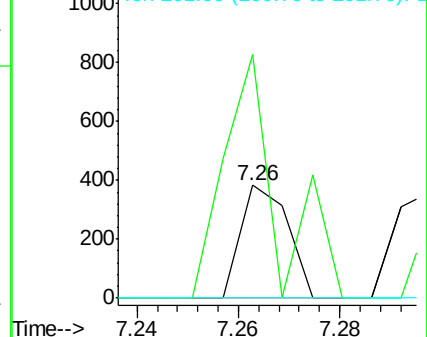
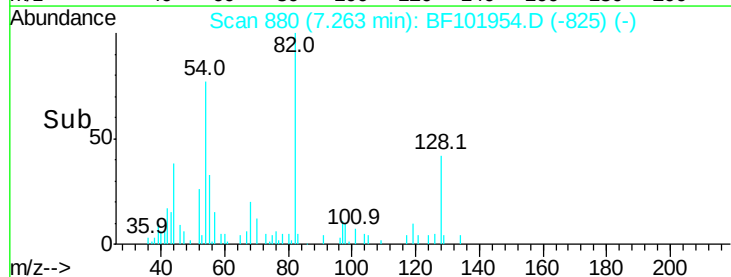
Tgt Ion:	117	Resp:	246
Ion	Ratio	Lower	Upper
117	100		
119	216.5	75.8	113.8#
201	0.0	75.7	113.5#

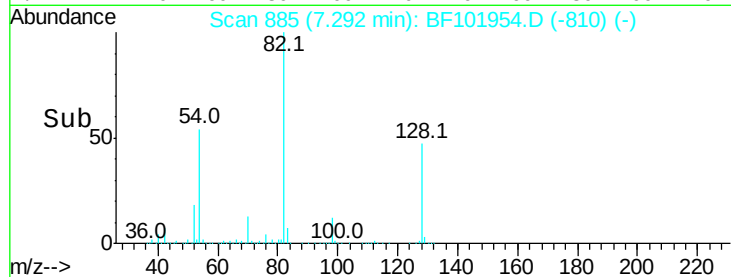
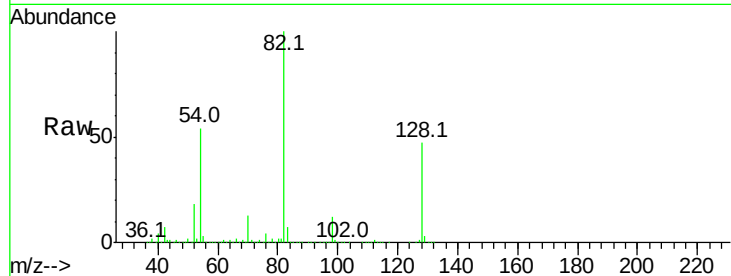
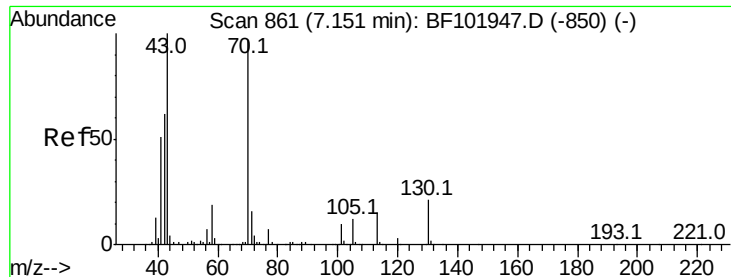


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

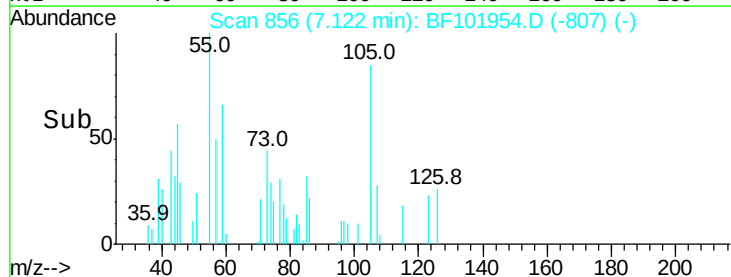
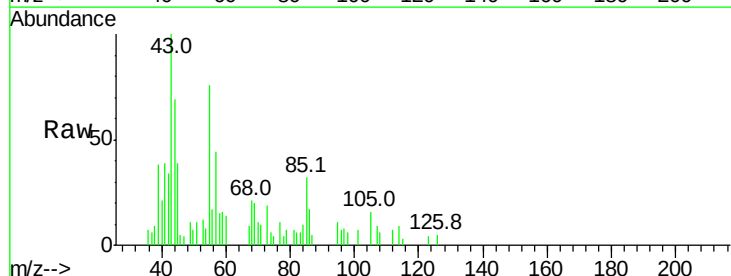
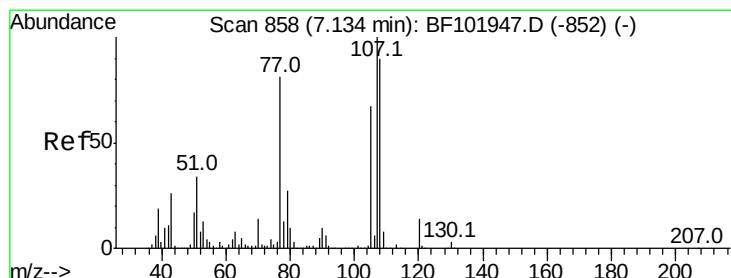
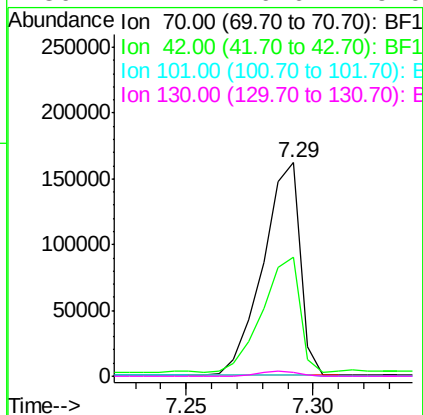




#19
n-Nitroso-di-n-propylamine
Concen: 12.132 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

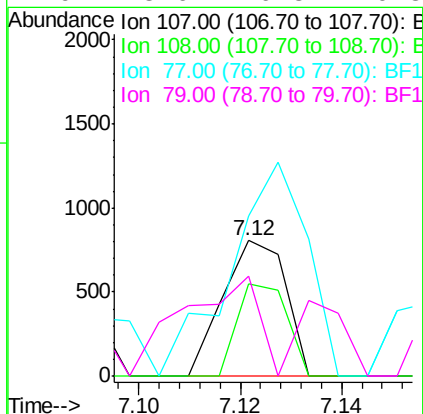
Instrument :
BNA_F
ClientSampled :

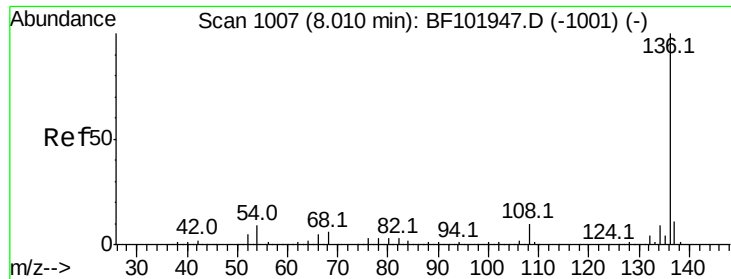
Tot Ion: 70 Resp: 166873
Ion Ratio Lower Upper
70 100
42 55.7 47.5 71.3
101 0.3 7.4 11.2#
130 2.1 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.036 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:107 Resp: 690
Ion Ratio Lower Upper
107 100
108 68.4 68.2 108.2
77 117.9 26.7 66.7#
79 73.6 6.3 46.3#

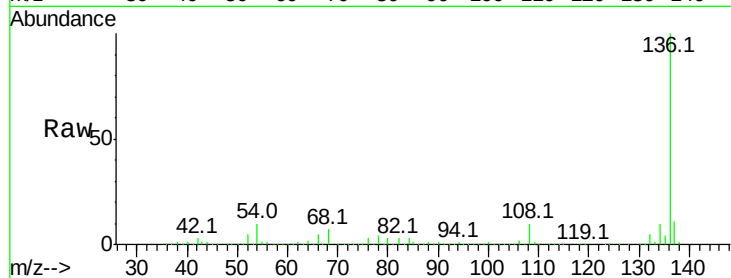




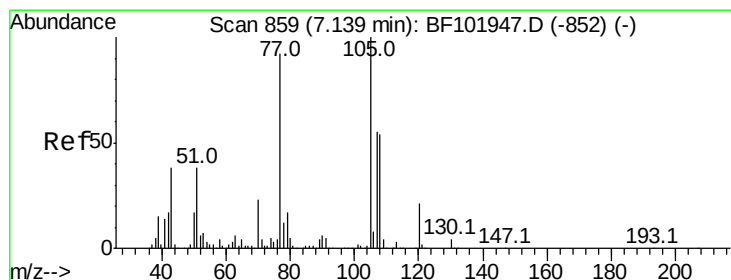
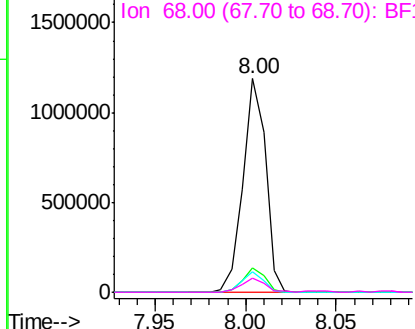
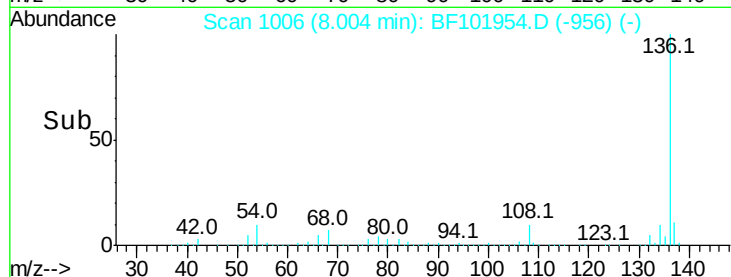
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1031112
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.6 6.6 9.8
68 6.9 5.0 7.4

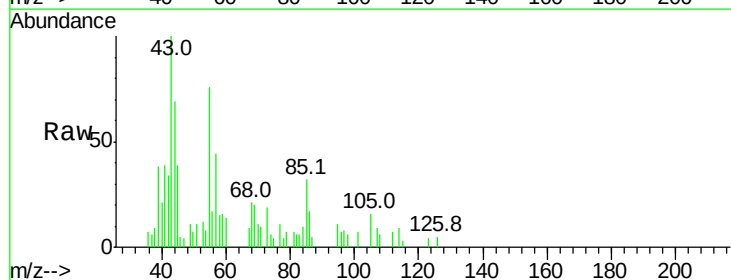


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

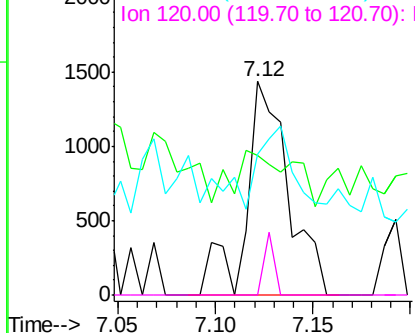
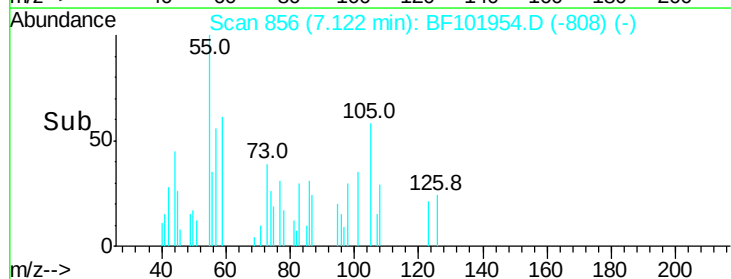


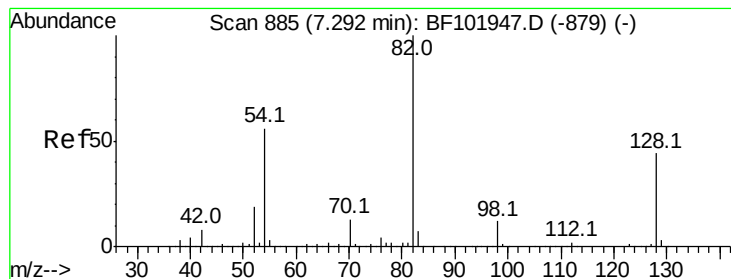
#22
Acetophenone
Concen: 0.087 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:105 Resp: 2163
Ion Ratio Lower Upper
105 100
71 65.6 4.4 6.6#
51 66.1 22.3 33.5#
120 0.0 16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.163 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

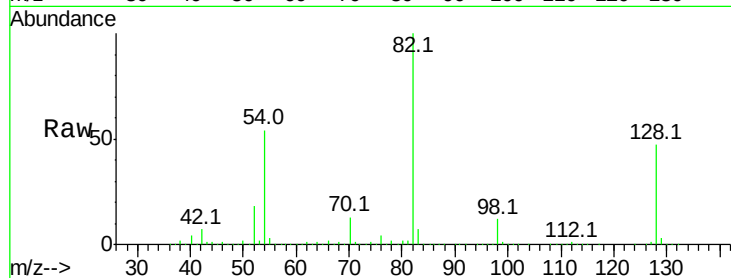
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1248671

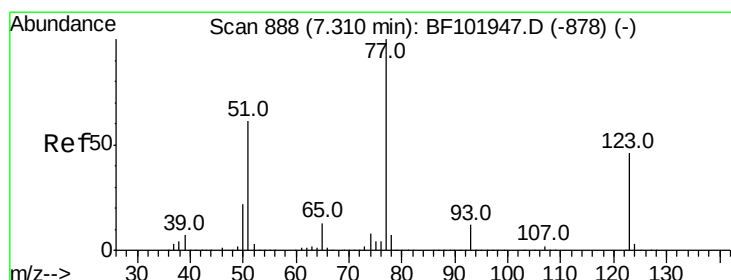
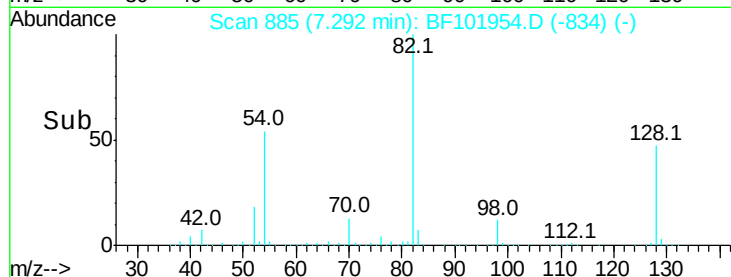
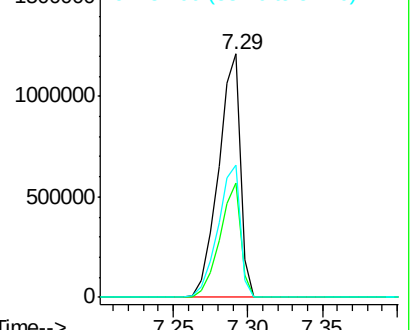
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	54.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 0.231 ng

RT: 7.29 min Scan# 885

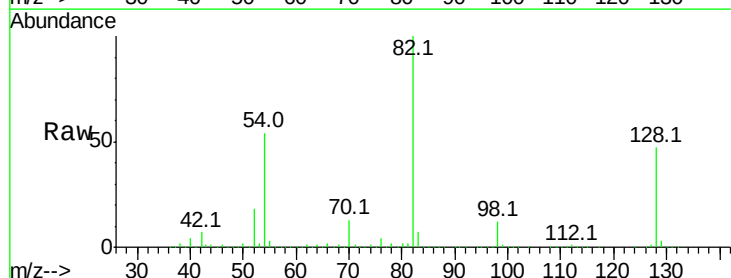
Delta R.T. -0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Tgt Ion: 77 Resp: 4363

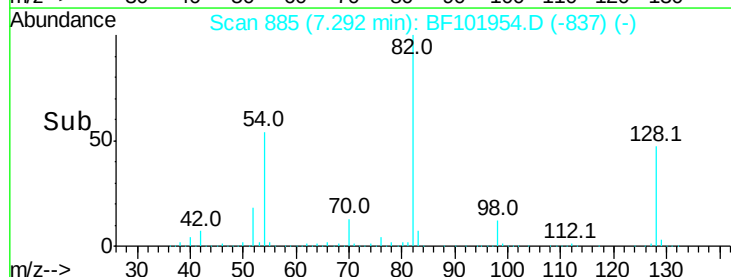
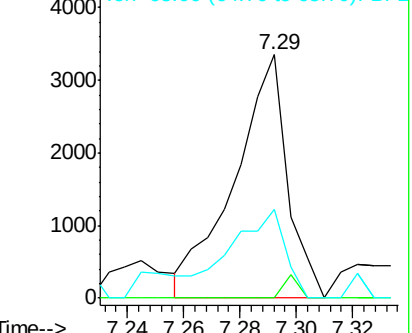
Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	36.6	11.0	16.4#

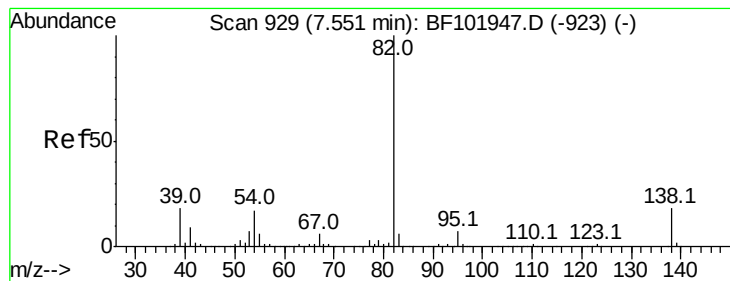


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.935 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

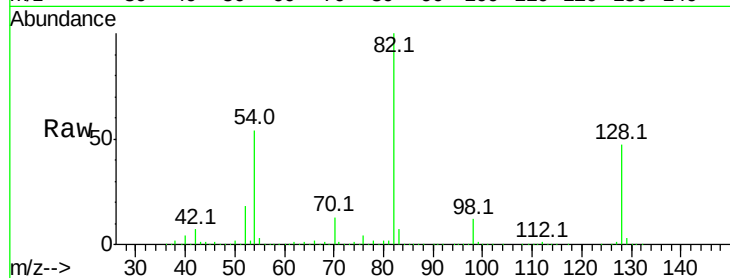
Tot Ion: 82 Resp: 1245889

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

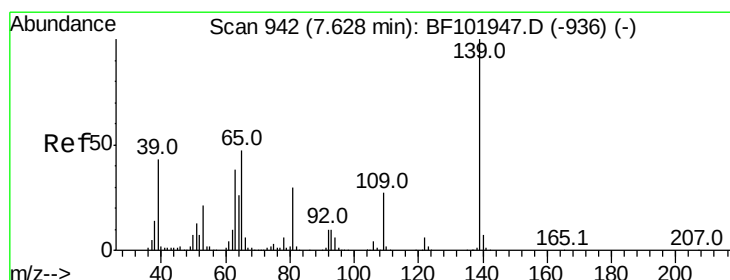
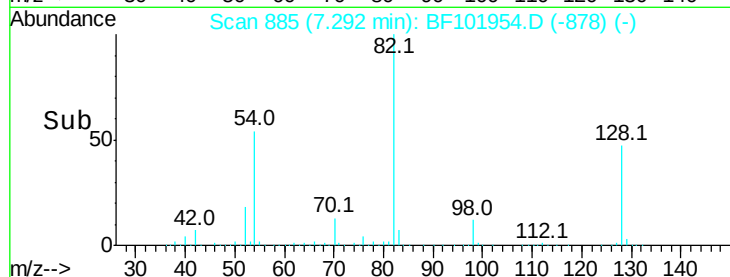
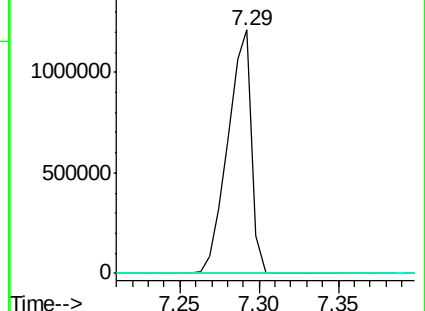
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.019 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

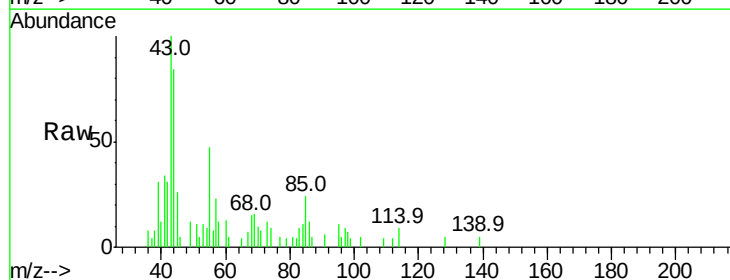
Tgt Ion:139 Resp: 148

Ion Ratio Lower Upper

139 100

109 79.2 22.7 34.1#

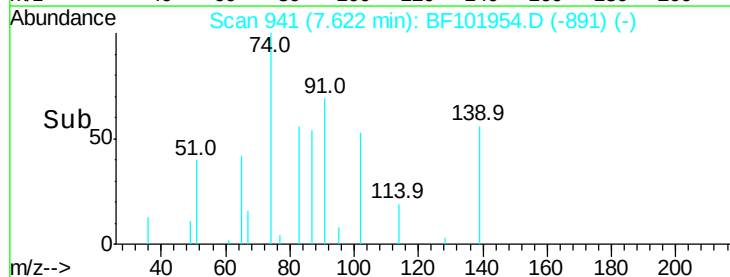
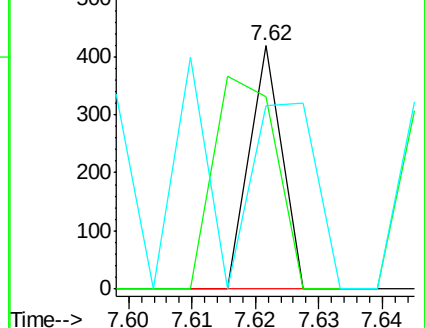
65 75.4 40.5 60.7#

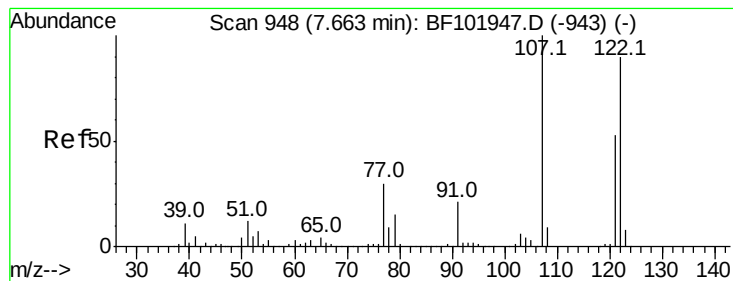


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.069 ng

RT: 7.67 min Scan# 949

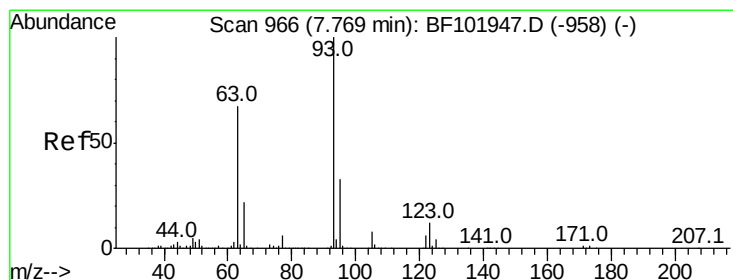
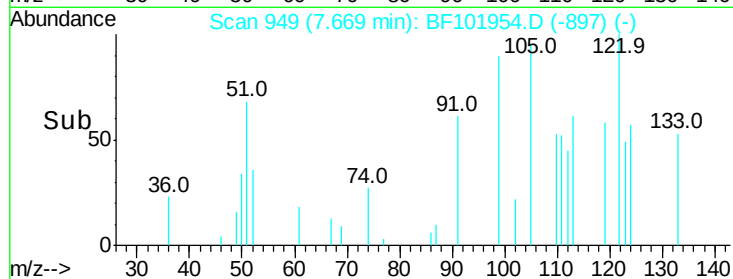
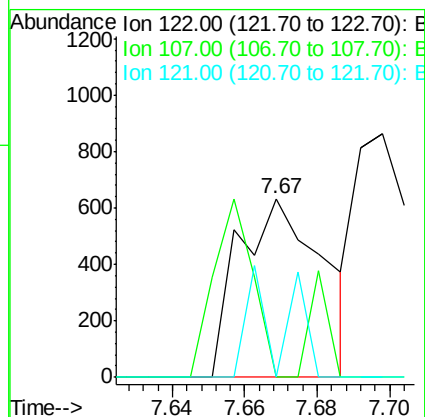
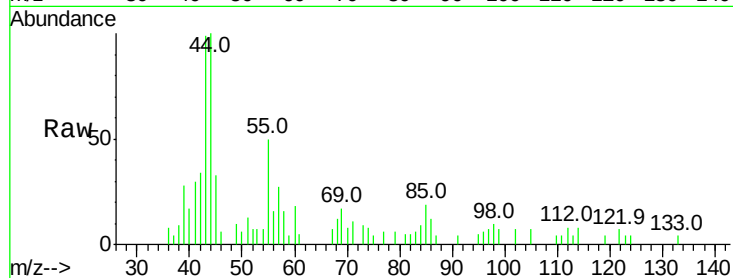
Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 1021
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 47.2 70.8#



#28

bis(2-Chloroethoxy)methane

Concen: 0.005 ng

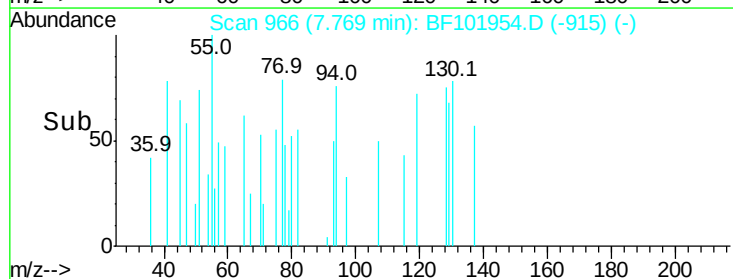
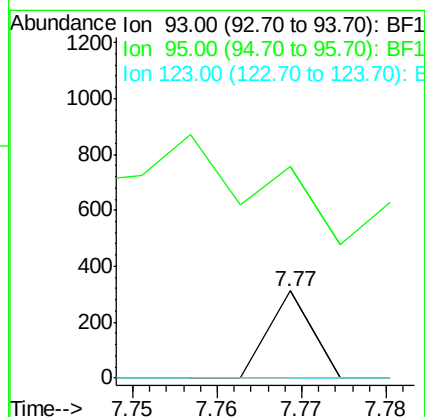
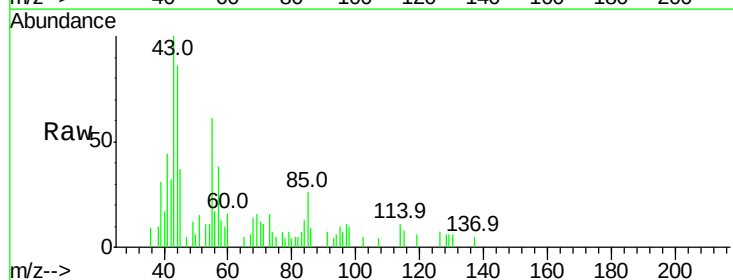
RT: 7.77 min Scan# 966

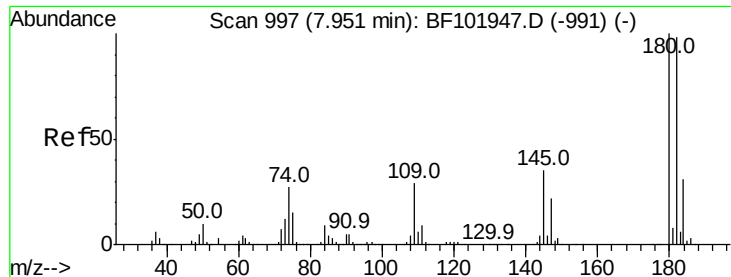
Delta R.T. -0.00 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Tgt Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
95 243.1 26.3 39.5#
123 0.0 9.8 14.6#

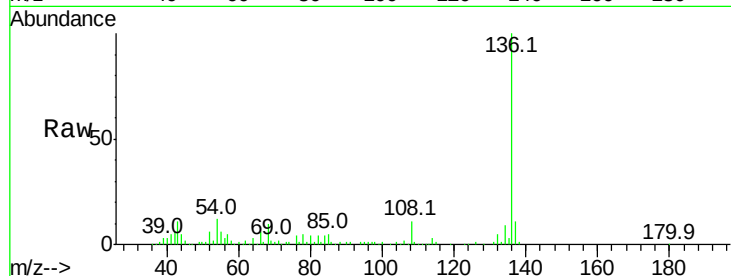




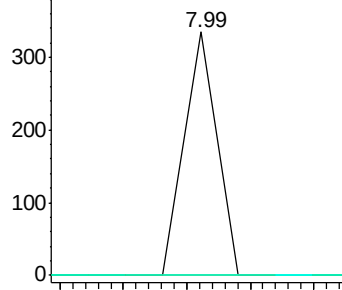
#30
 1,2,4-Trichlorobenzene
 Concen: 0.008 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.04 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

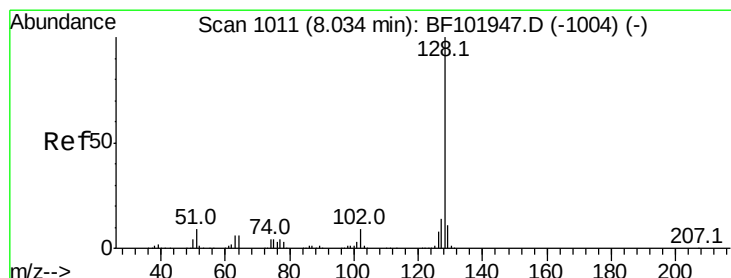
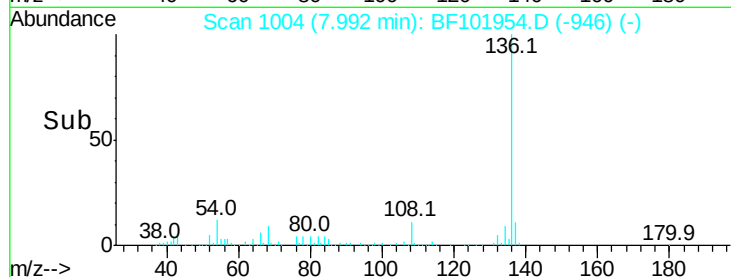
Tot Ion:180 Resp: 118
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.8 115.2#
 145 0.0 26.5 39.7#



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

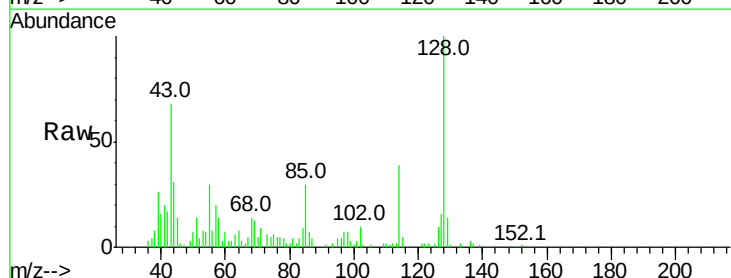


Time-->

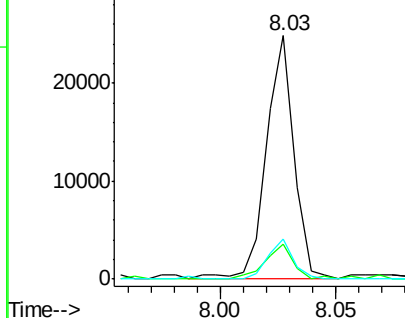


#31
 Naphthalene
 Concen: 0.402 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

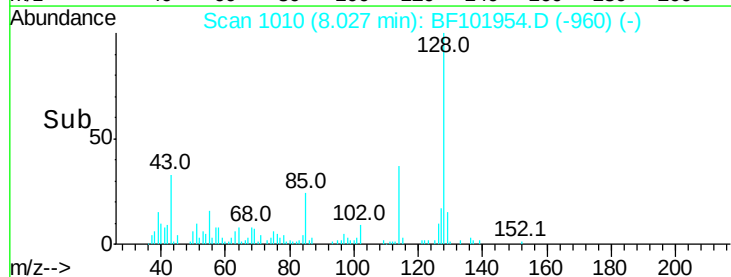
Tgt Ion:128 Resp: 20724
 Ion Ratio Lower Upper
 128 100
 129 14.5 8.8 13.2#
 127 16.2 10.9 16.3

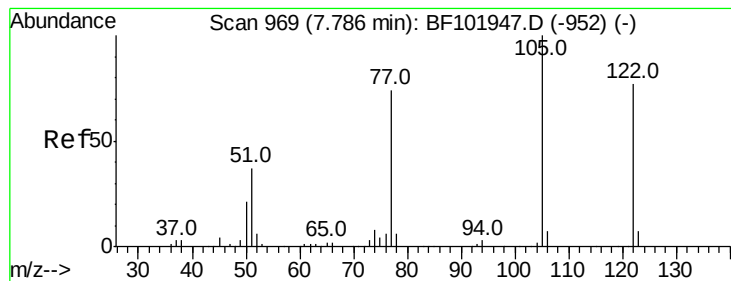


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->





#32

Benzoic acid

Concen: 0.009 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

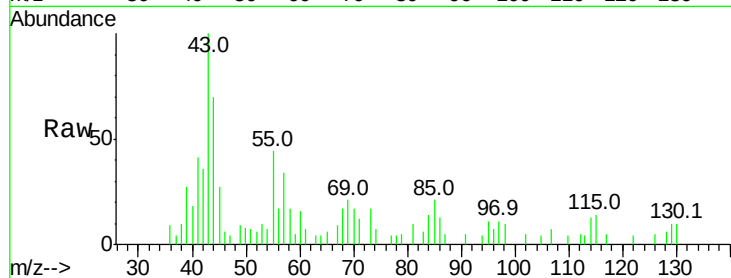
Tot Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 110.3 101.1 141.1

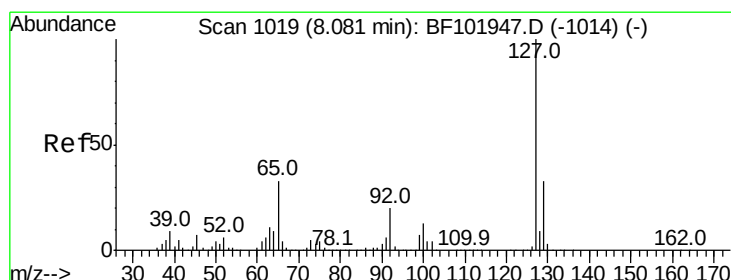
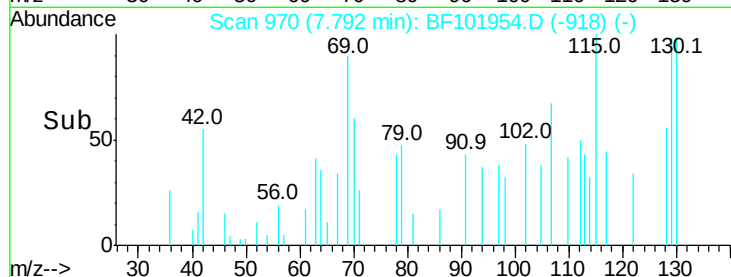
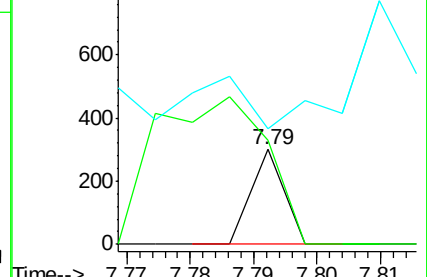
77 121.7 70.7 110.7#



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): BF1



#33

4-Chloroaniline

Concen: 0.011 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Tgt Ion:127 Resp: 240

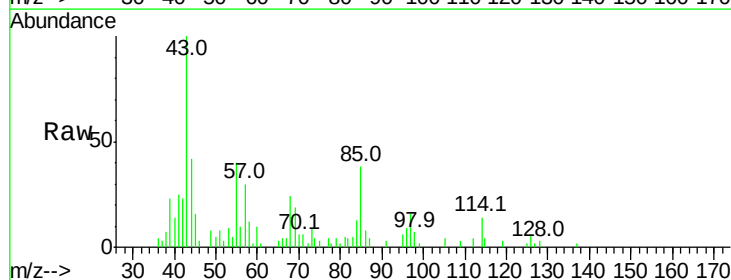
Ion Ratio Lower Upper

127 100

129 0.0 25.9 38.9#

65 122.4 25.0 37.4#

92 0.0 15.2 22.8#

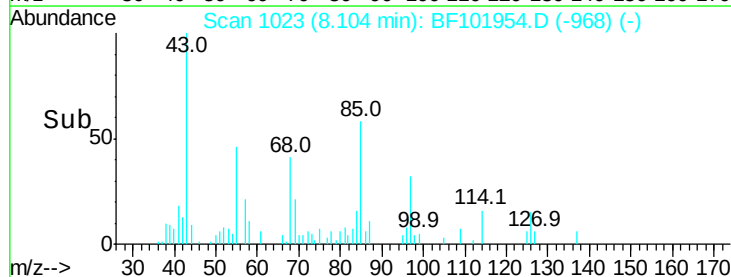
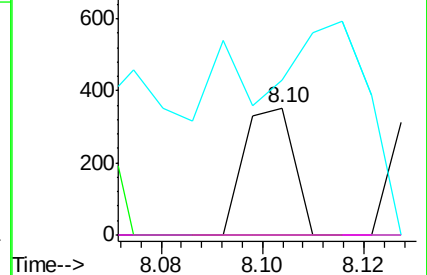


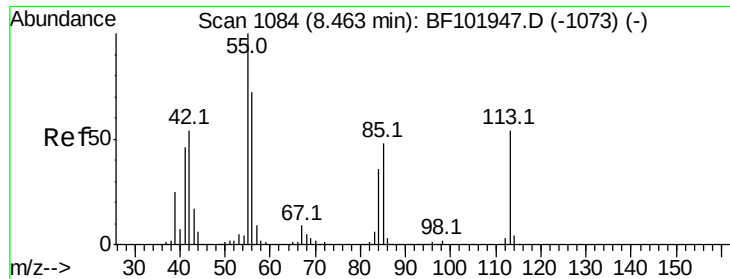
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.025 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

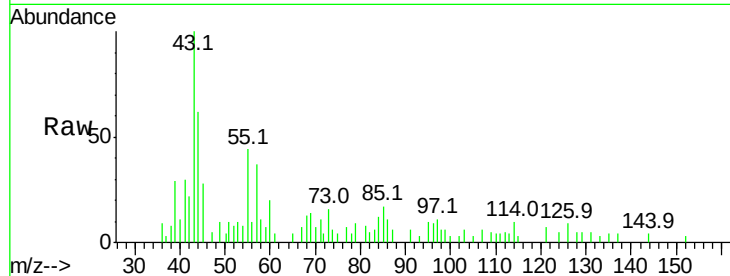
Tot Ion:113 Resp: 120

Ion Ratio Lower Upper

113 100

55 1230.8 163.3 203.3#

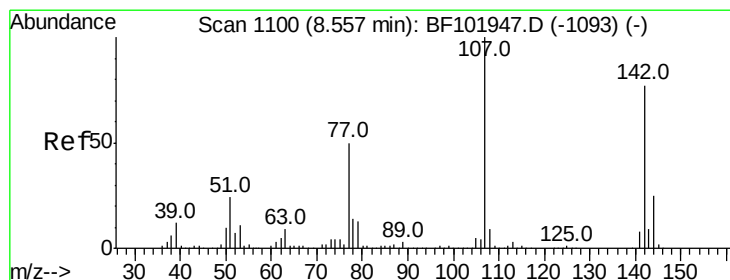
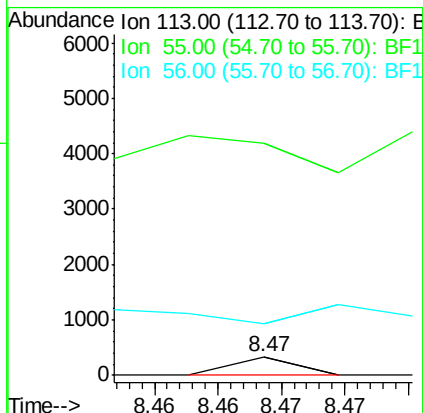
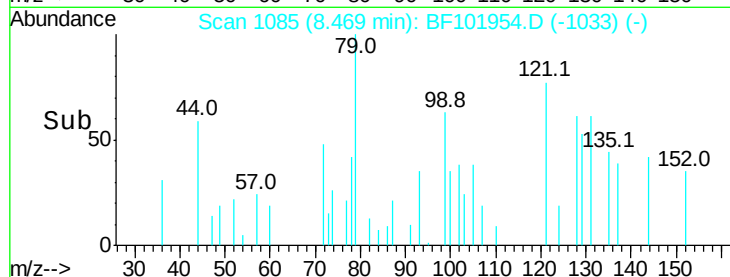
56 271.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.293 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

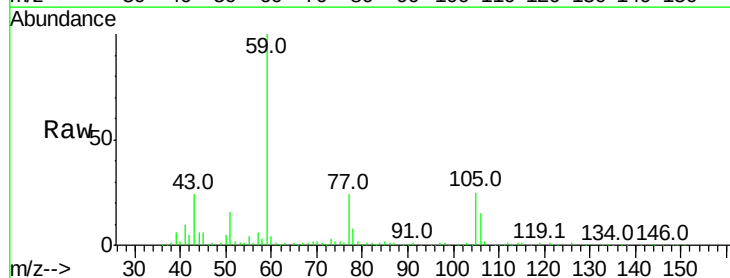
Tgt Ion:107 Resp: 4496

Ion Ratio Lower Upper

107 100

144 12.1 20.5 30.7#

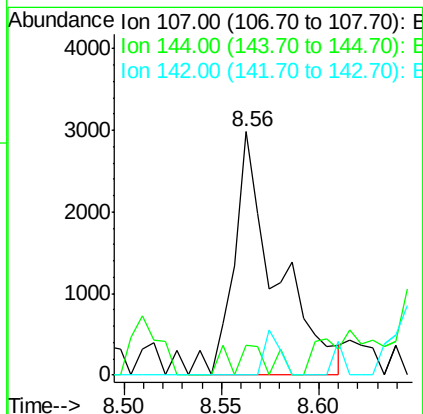
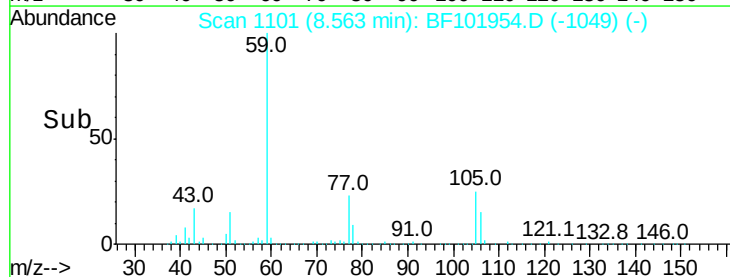
142 0.0 62.0 93.0#

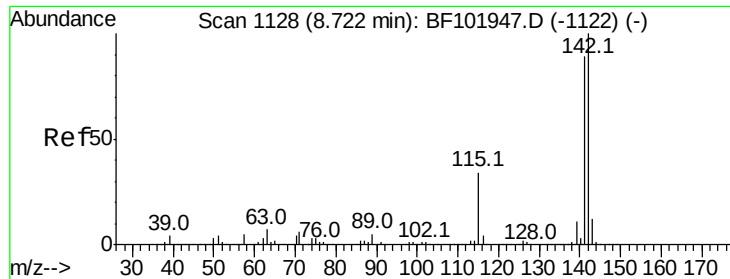


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

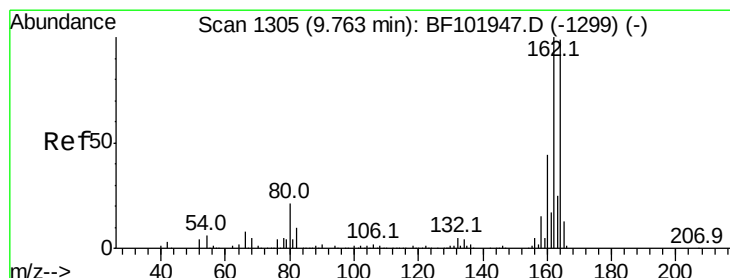
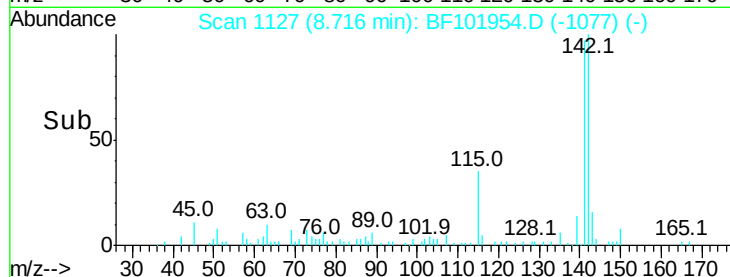
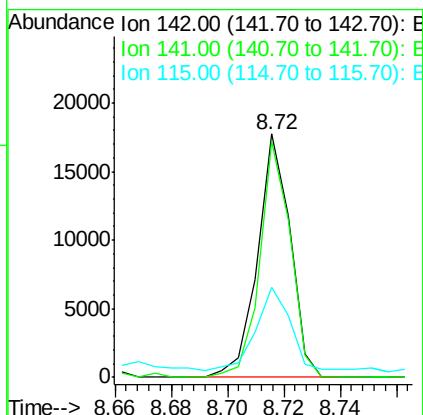
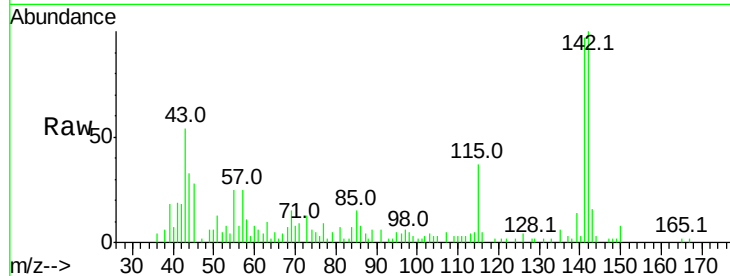




#37
2-Methylnaphthalene
Concen: 0.419 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

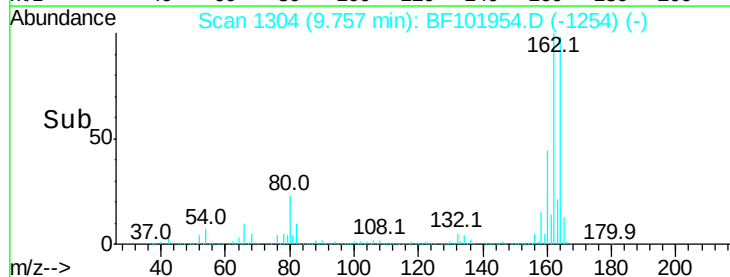
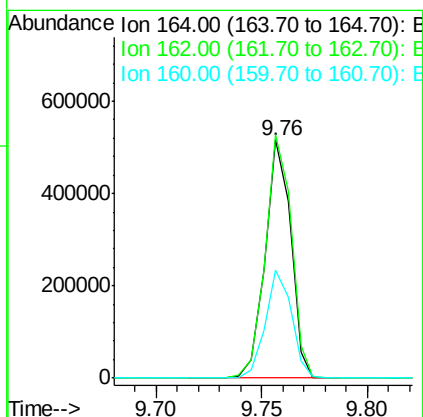
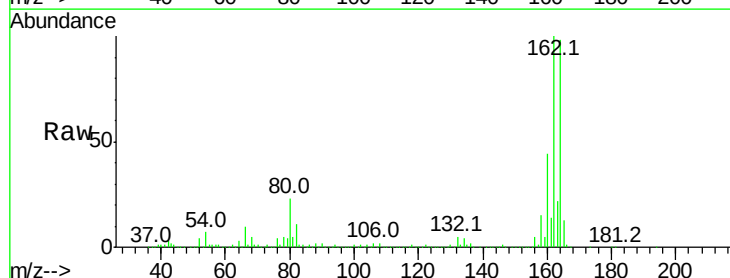
Instrument :
BNA_F
ClientSampleId :

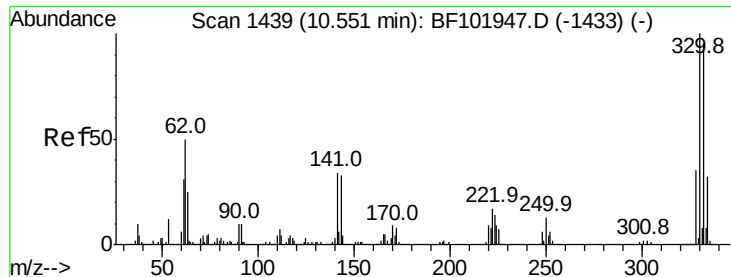
Tot Ion:142 Resp: 14225
Ion Ratio Lower Upper
142 100
141 96.7 70.8 106.2
115 37.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:164 Resp: 436591
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 82.189 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

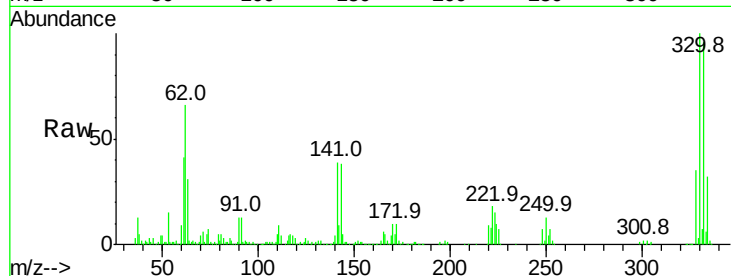
Tot Ion:330 Resp: 313148

Ion Ratio Lower Upper

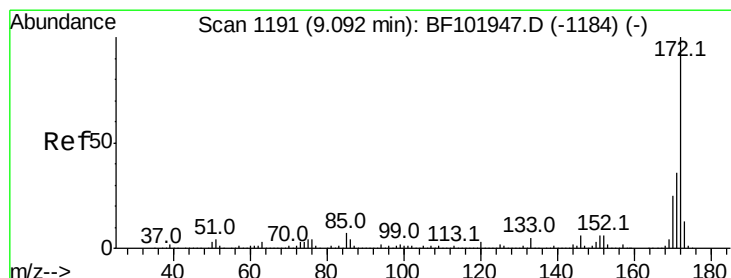
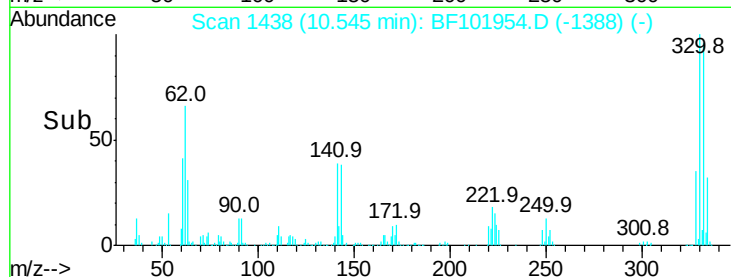
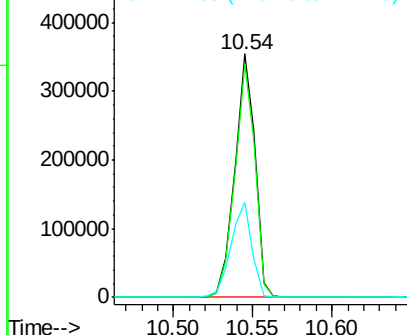
330 100

332 95.2 77.0 115.6

141 40.2 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 60.952 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

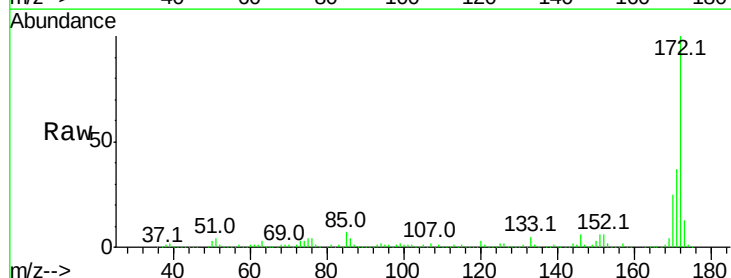
Tgt Ion:172 Resp: 1703361

Ion Ratio Lower Upper

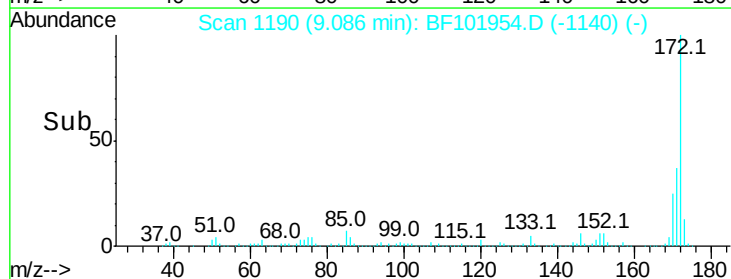
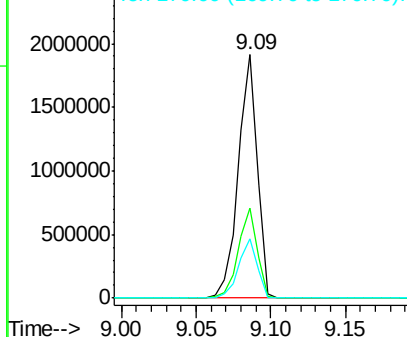
172 100

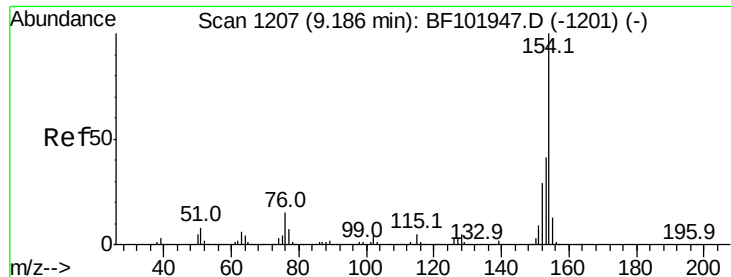
171 36.8 29.7 44.5

170 24.6 19.6 29.4



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: 0.224 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

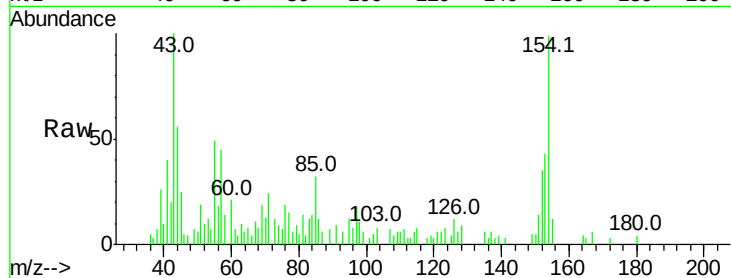
Tot Ion:154 Resp: 8632

Ion Ratio Lower Upper

154 100

153 43.5 21.3 61.3

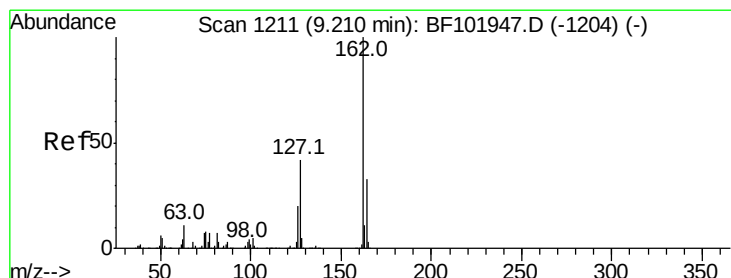
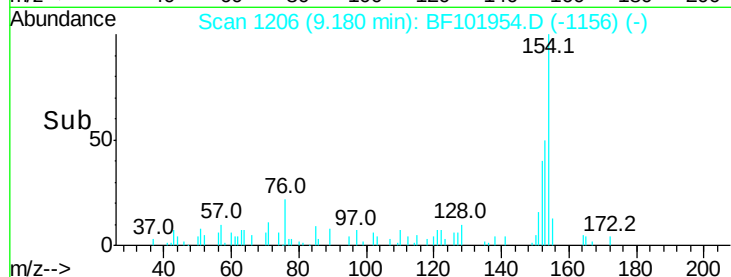
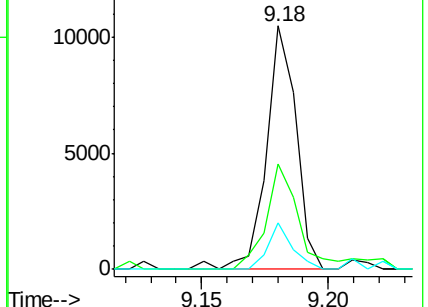
76 19.2 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 0.021 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.17 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

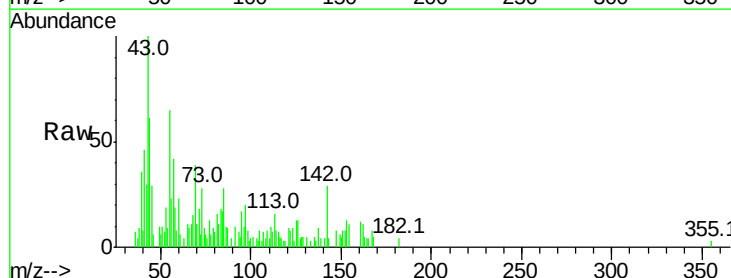
Tgt Ion:162 Resp: 637

Ion Ratio Lower Upper

162 100

127 37.5 33.9 50.9

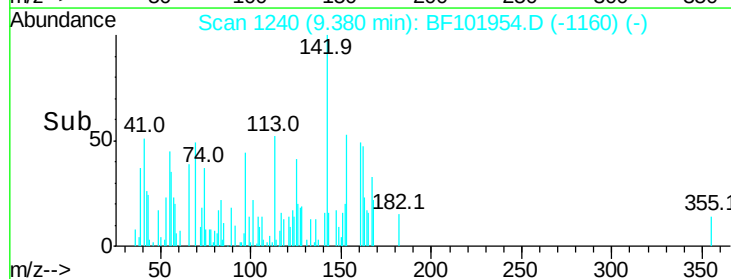
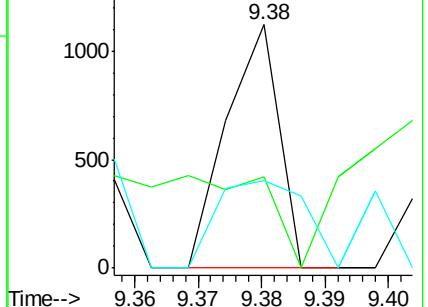
164 35.7 26.5 39.7

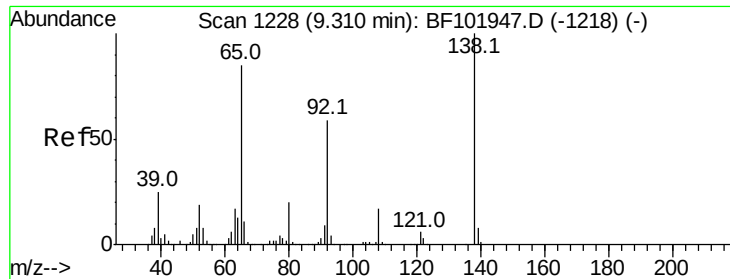


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.126 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.04 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampled :

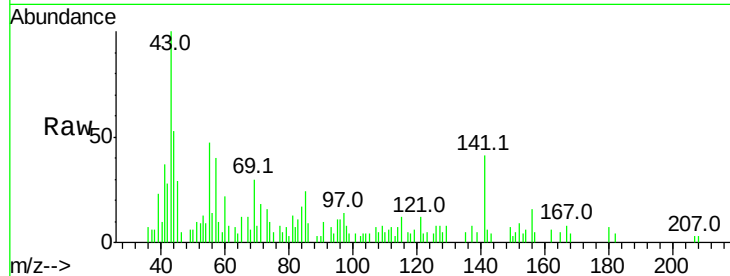
Tot Ion: 65 Resp: 1126

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

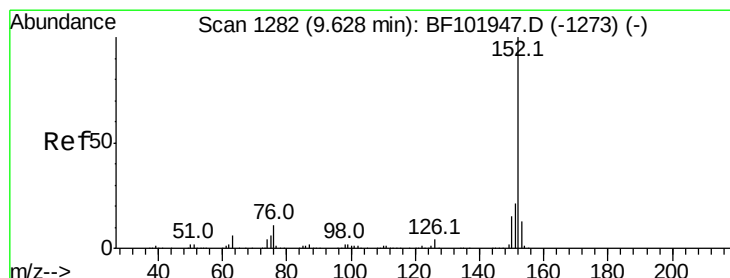
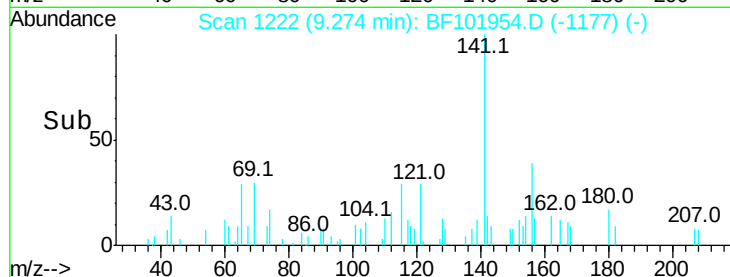
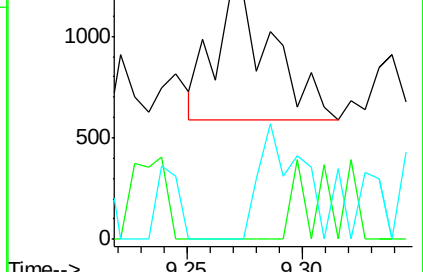
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 0.602 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

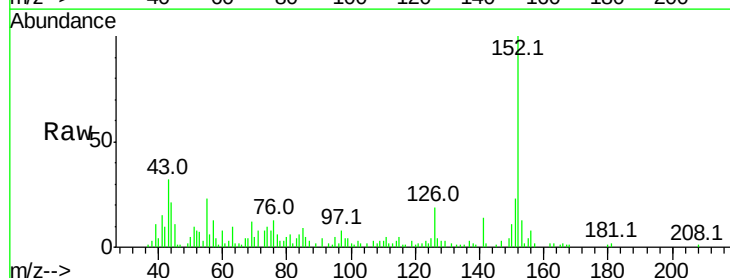
Tgt Ion: 152 Resp: 28603

Ion Ratio Lower Upper

152 100

151 23.4 16.3 24.5

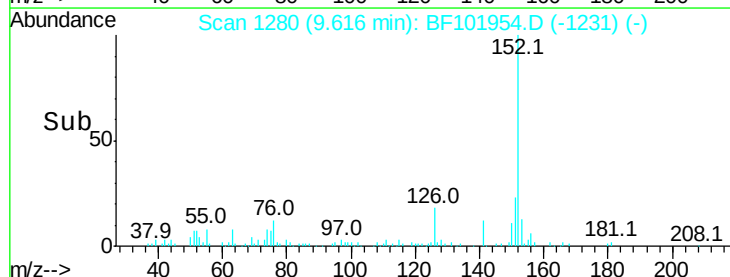
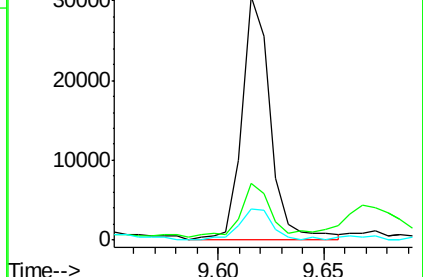
153 12.7 10.7 16.1

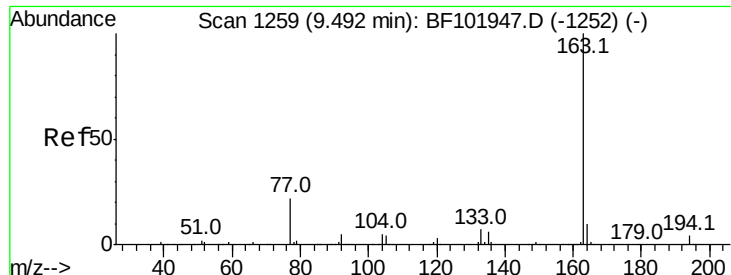


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

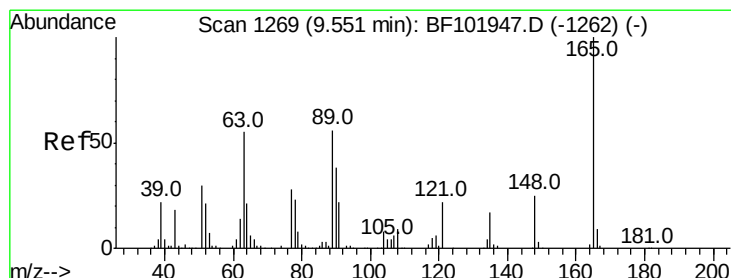
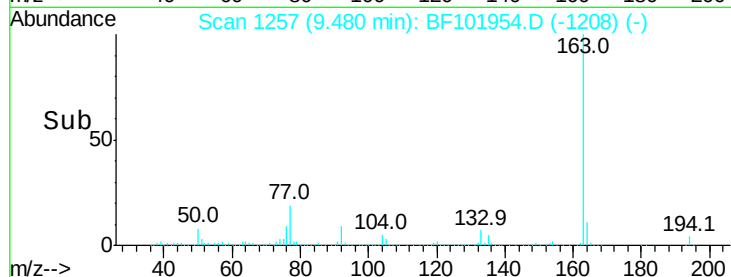
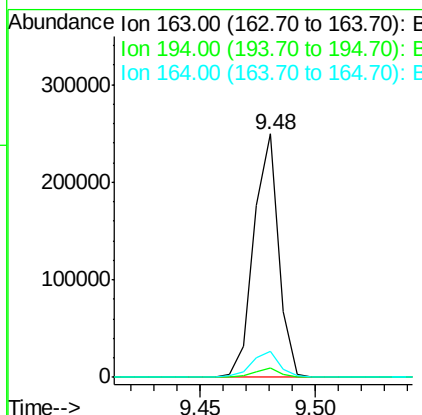
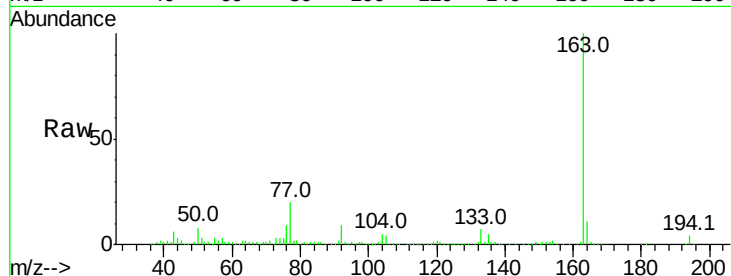




#49
Dimethylphthalate
Concen: 5.366 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

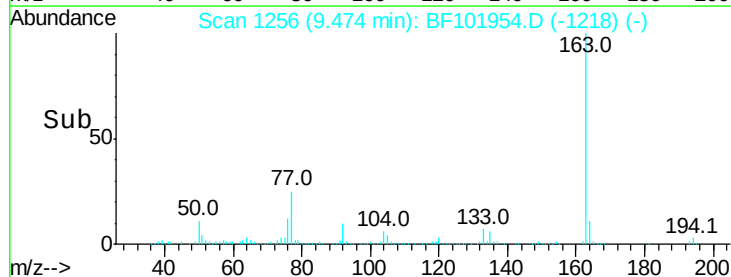
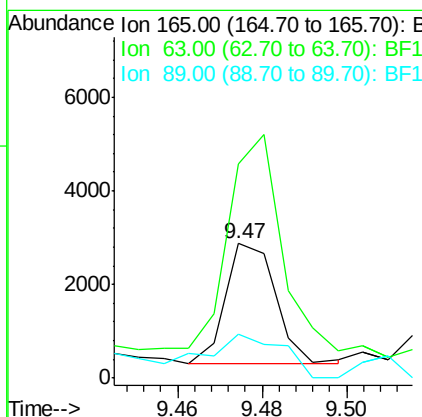
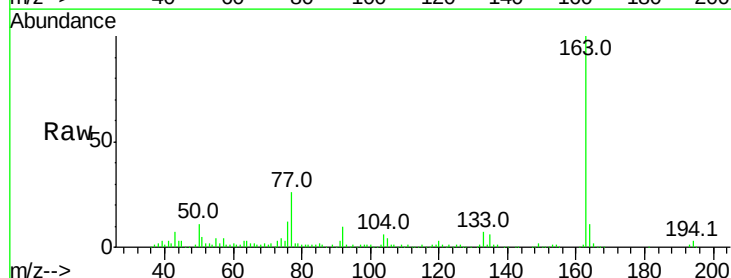
Instrument :
BNA_F
ClientSampleId :

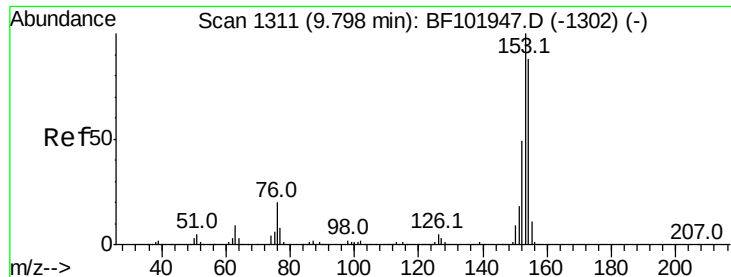
Tot Ion:163 Resp: 187922
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 0.302 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.08 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:165 Resp: 2115
Ion Ratio Lower Upper
165 100
63 159.1 44.7 67.1#
89 32.2 44.0 66.0#





#51

Acenaphthene

Concen: 0.351 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

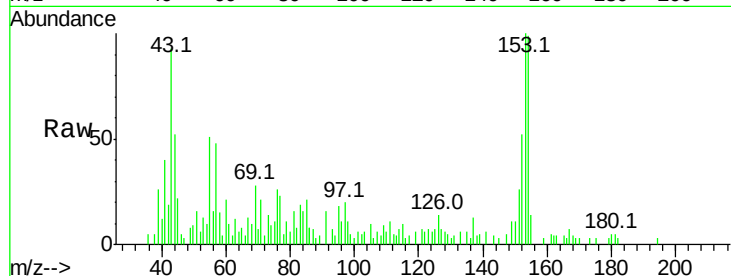
Tot Ion:154 Resp: 10119

Ion Ratio Lower Upper

154 100

153 101.5 91.2 136.8

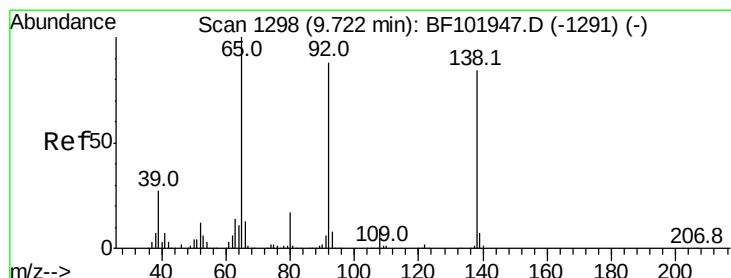
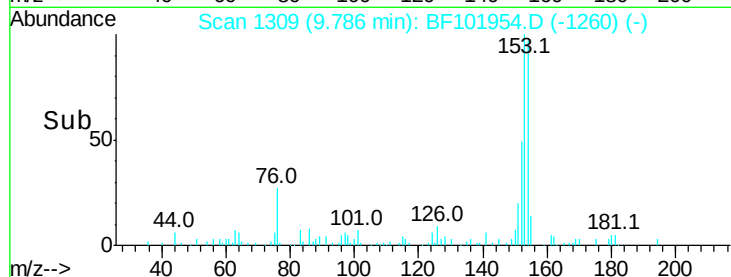
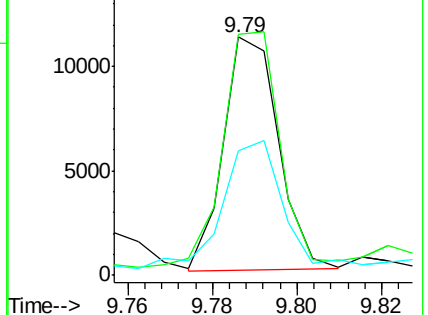
152 52.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.037 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

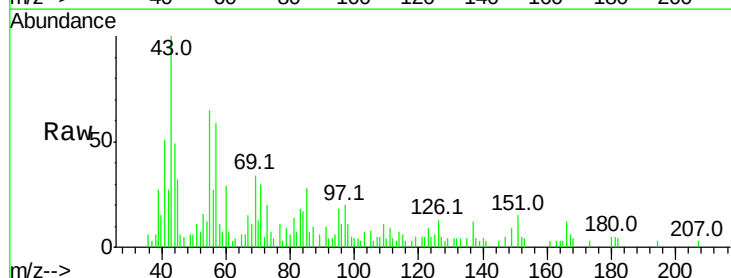
Tgt Ion:138 Resp: 329

Ion Ratio Lower Upper

138 100

108 129.4 9.4 14.0#

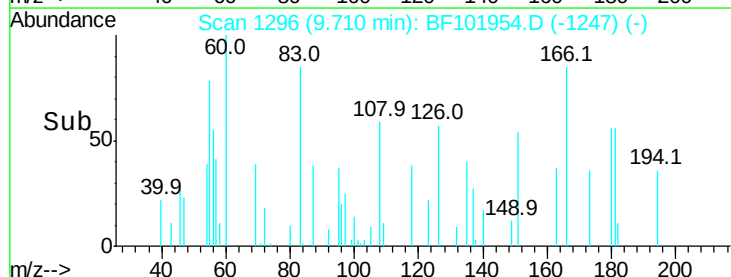
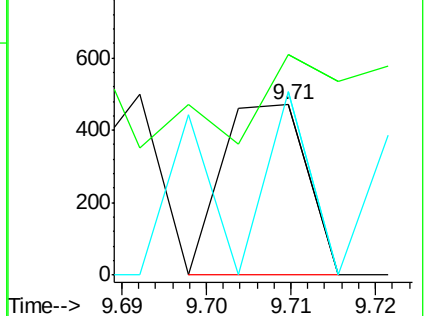
92 107.7 89.4 134.2

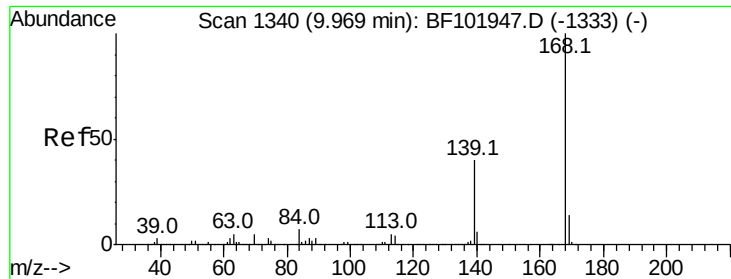


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 0.286 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampled :

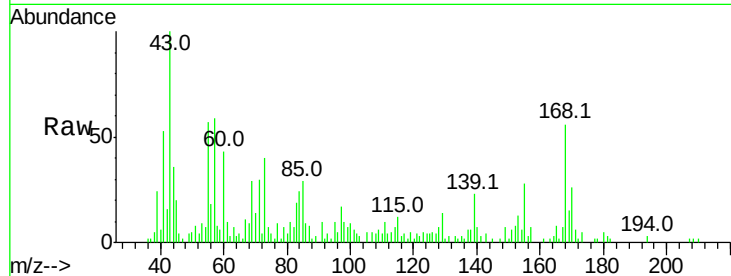
Tot Ion:168 Resp: 11327

Ion Ratio Lower Upper

168 100

139 40.1 30.1 45.1

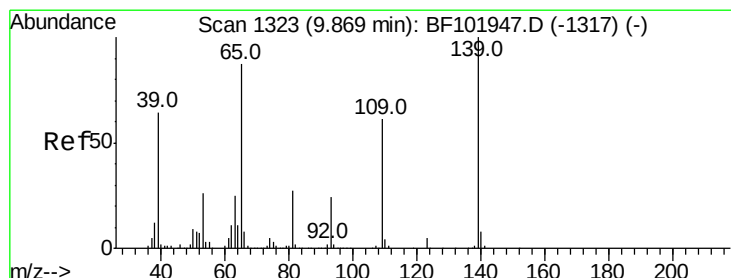
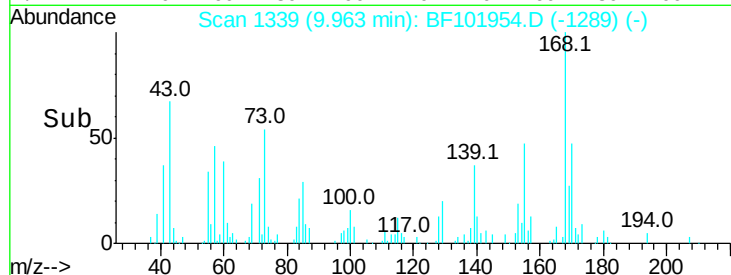
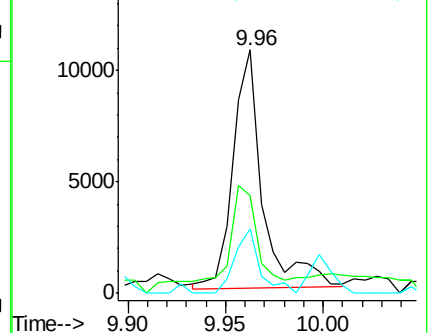
169 26.6 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.201 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

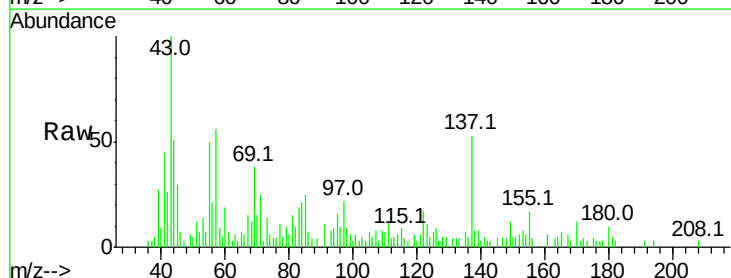
Tgt Ion:139 Resp: 1320

Ion Ratio Lower Upper

139 100

109 107.7 48.4 88.4#

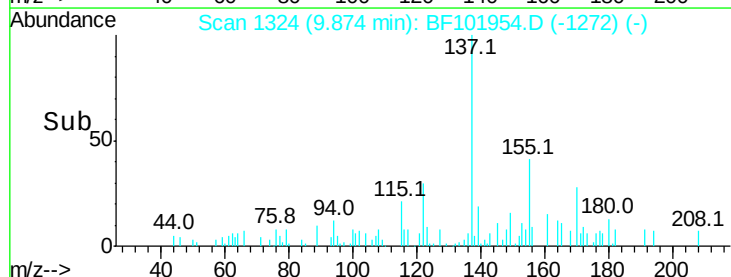
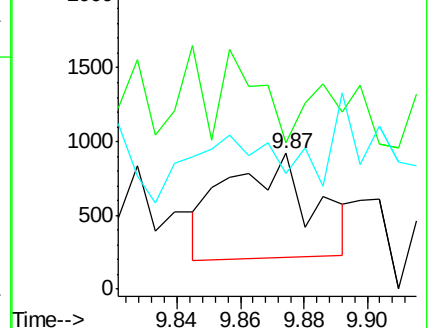
65 85.1 72.6 112.6

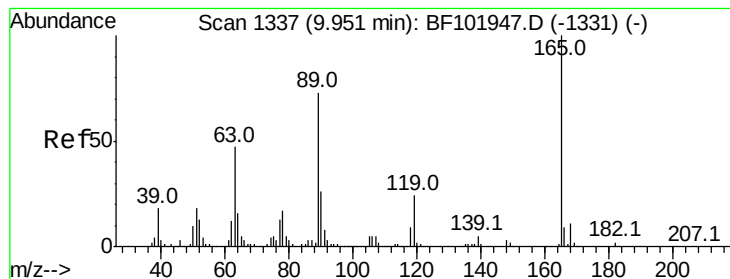


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 1.569 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.08 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 13755

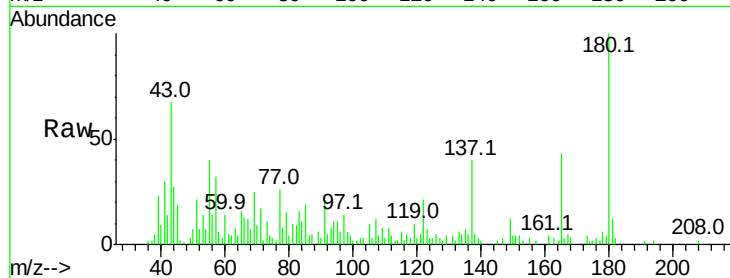
Ion Ratio Lower Upper

165 100

63 19.5 36.4 54.6#

89 13.0 57.8 86.6#

182 7.0 1.6 2.4#

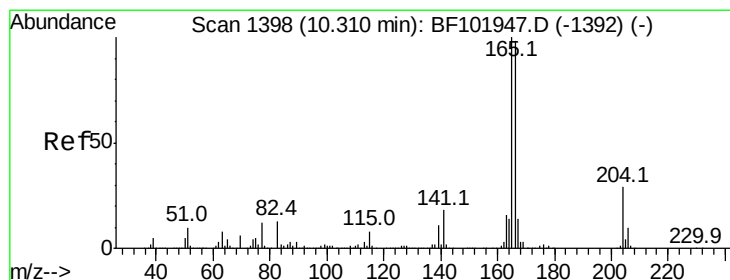
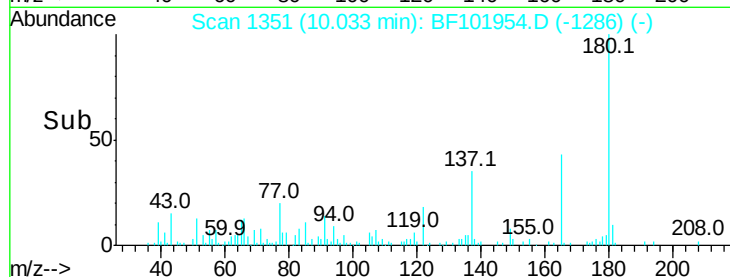
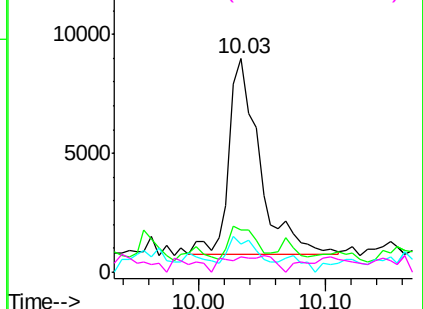


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.712 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

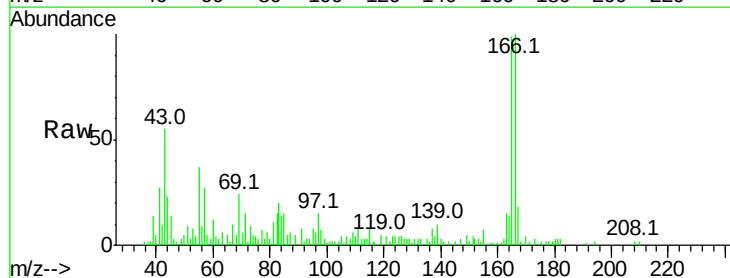
Tgt Ion:166 Resp: 19472

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

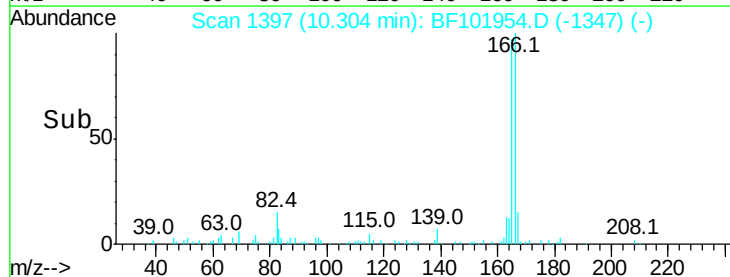
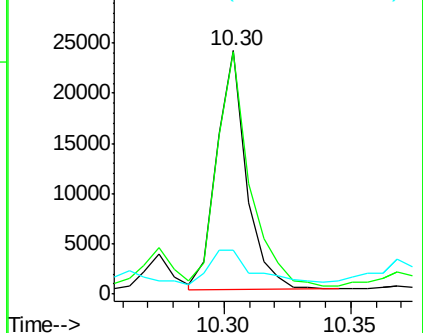
167 18.1 10.6 16.0#

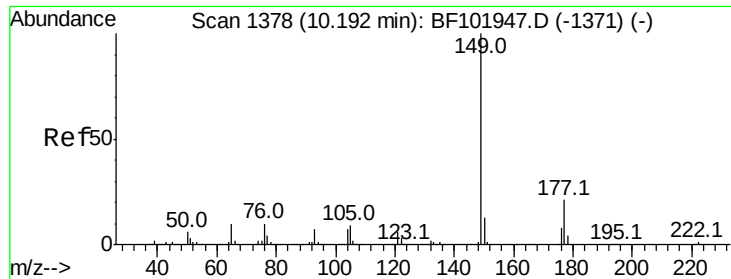


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

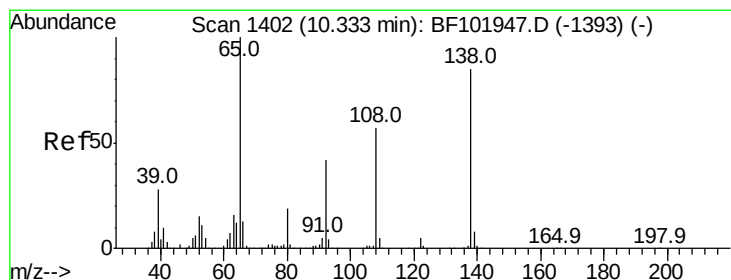
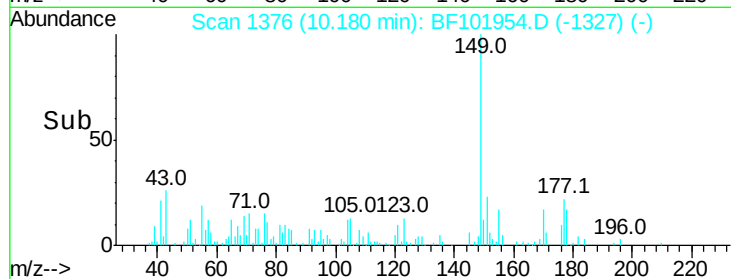
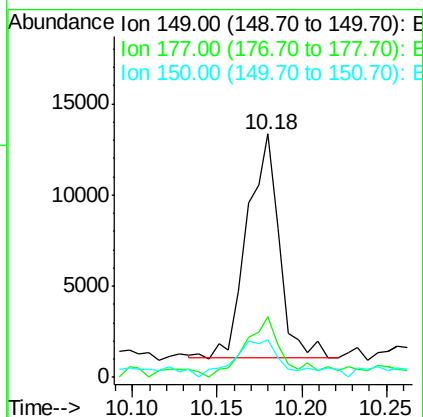
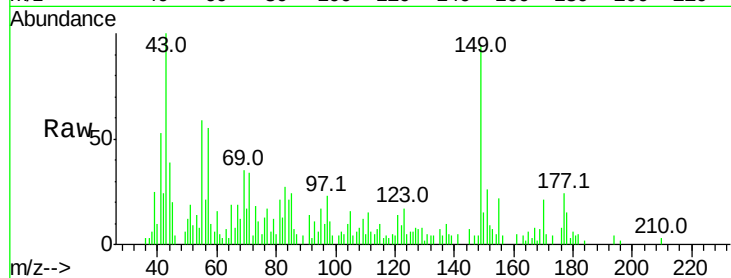




#59
Diethylphthalate
Concen: 0.470 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

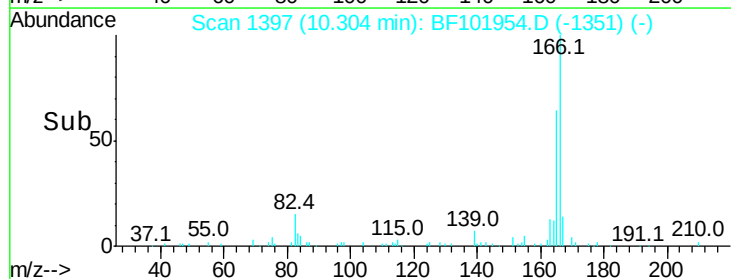
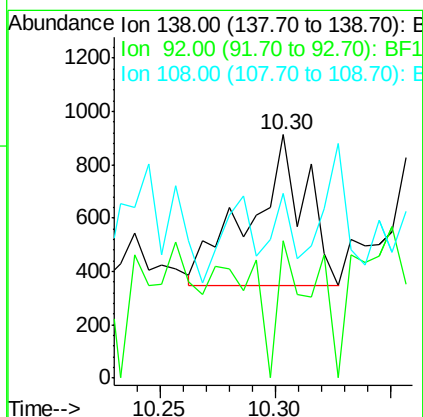
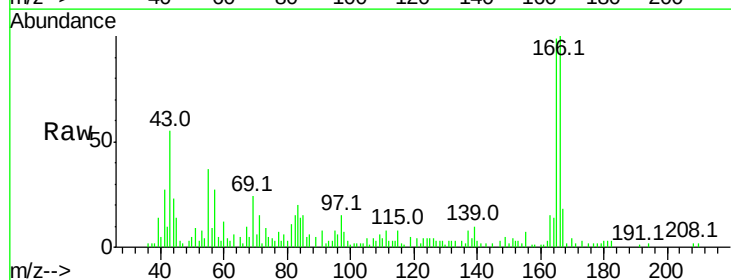
Instrument :
BNA_F
ClientSampleId :

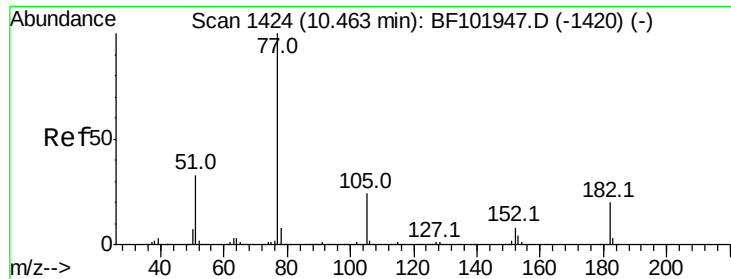
Tot Ion:149 Resp: 16368
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 15.5 10.1 15.1#



#61
4-Nitroaniline
Concen: 0.113 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:138 Resp: 951
Ion Ratio Lower Upper
138 100
92 56.4 30.2 70.2
108 75.7 52.5 92.5

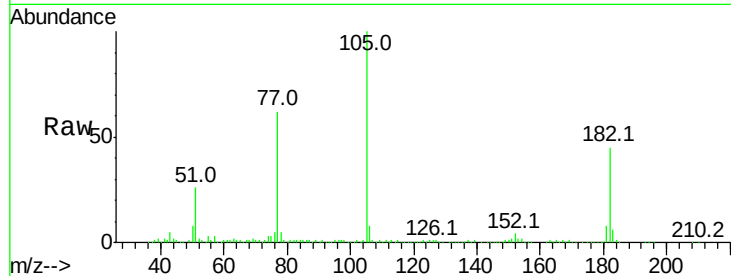




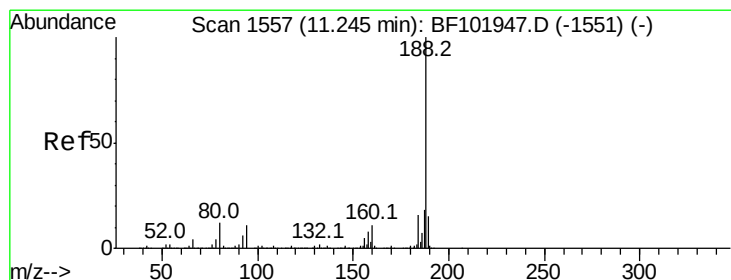
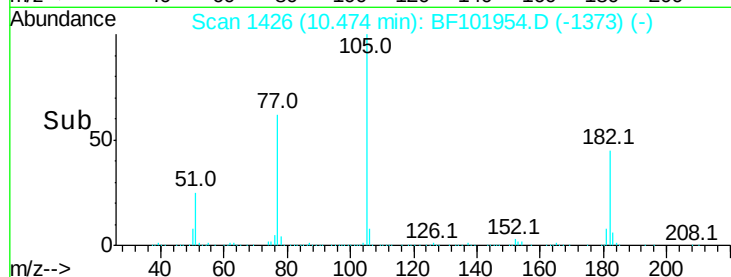
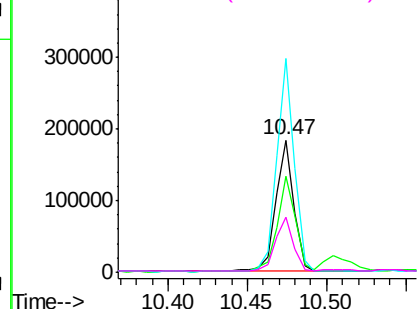
#62
Azobenzene
Concen: 4.186 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 145081
Ion Ratio Lower Upper
77 100
182 72.8 1.7 41.7#
105 161.7 3.0 43.0#
51 42.2 9.9 49.9

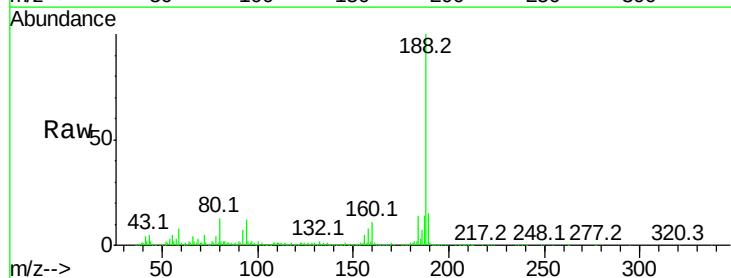


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

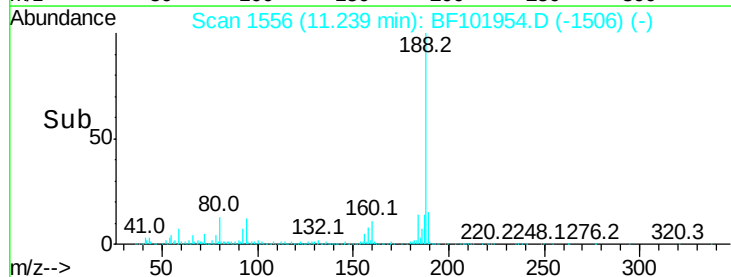
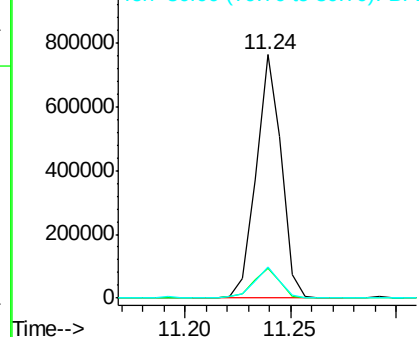


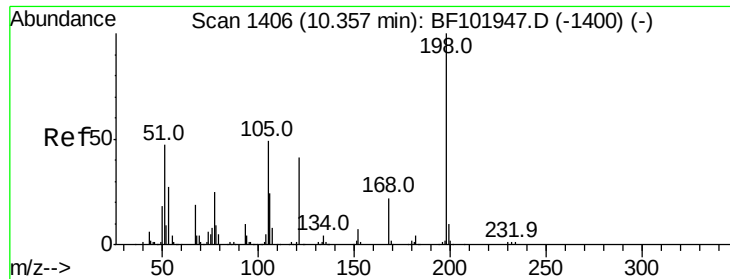
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion: 188 Resp: 630999
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

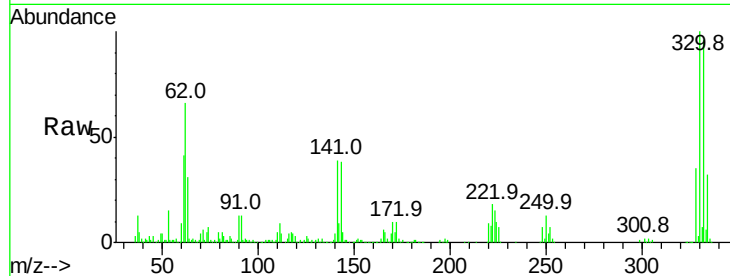
Tot Ion:198 Resp: 754

Ion Ratio Lower Upper

198 100

51 307.0 37.7 77.7#

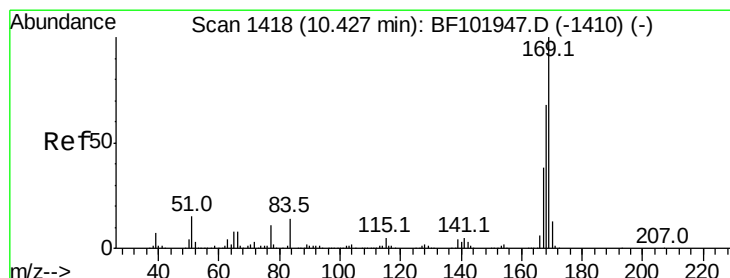
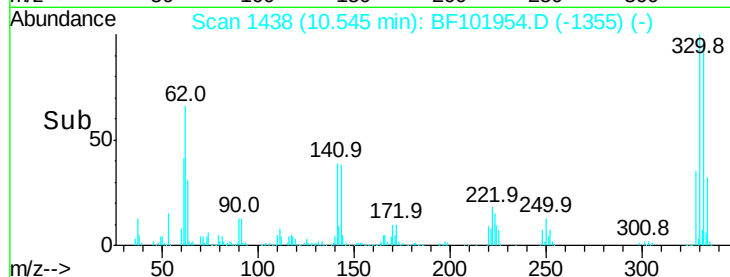
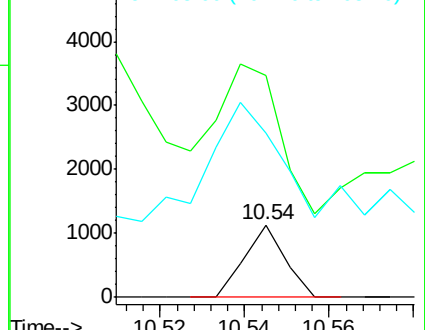
105 228.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.087 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

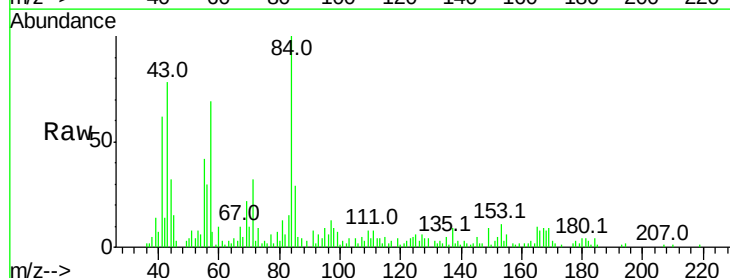
Tgt Ion:169 Resp: 2059

Ion Ratio Lower Upper

169 100

168 85.8 54.4 81.6#

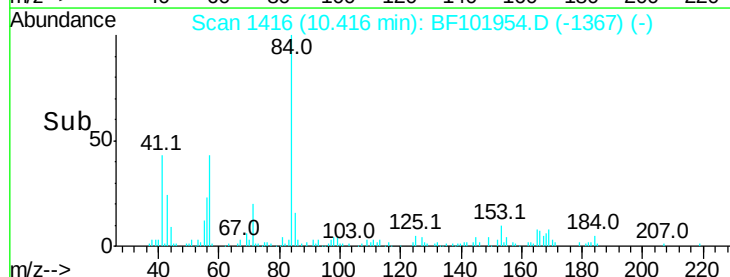
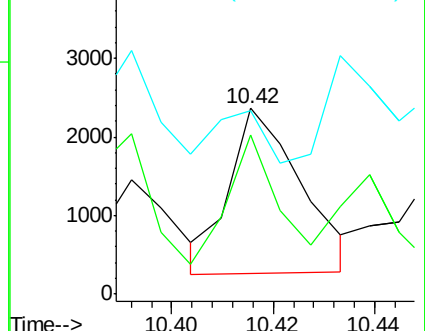
167 98.8 29.8 44.6#

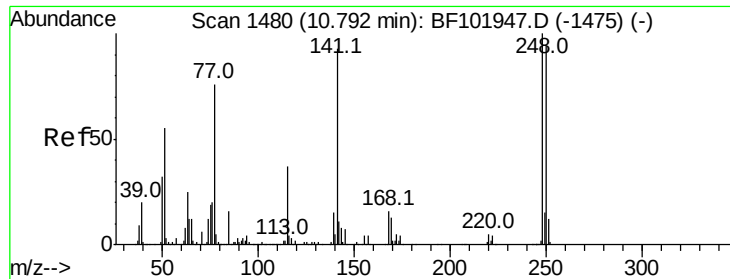


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

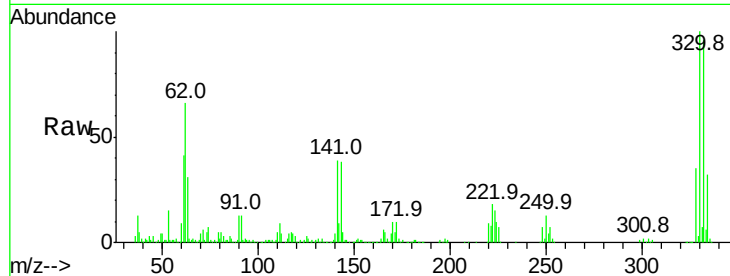




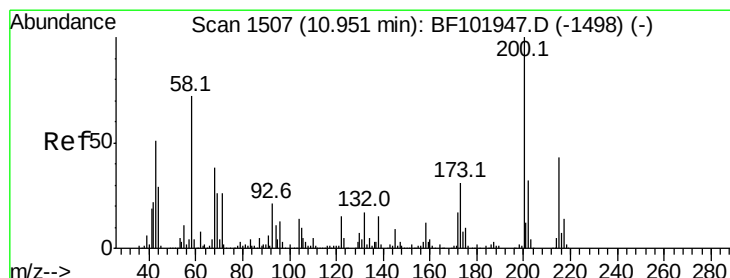
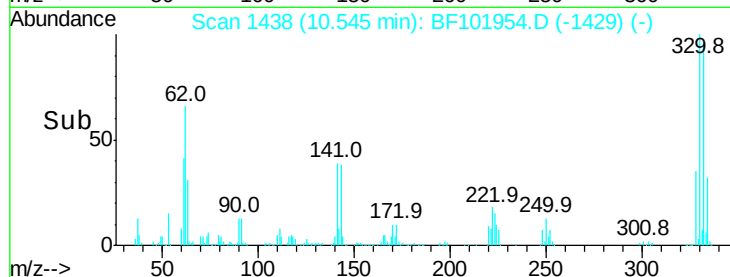
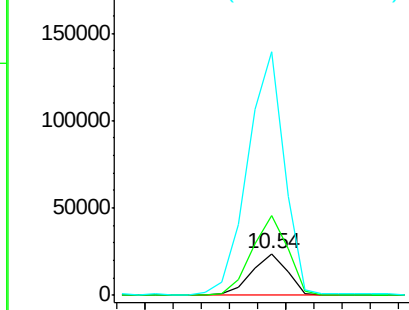
#66
4-Bromophenyl-phenylether
Concen: 3.116 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20762
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 586.4 74.4 111.6#

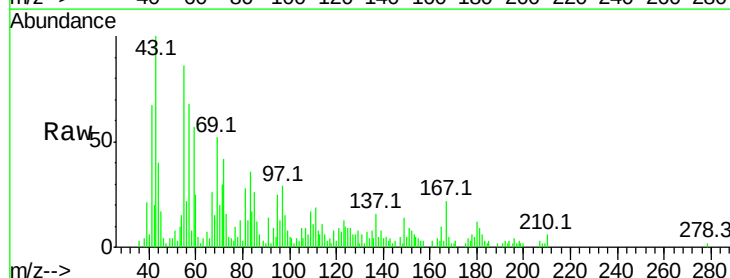


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

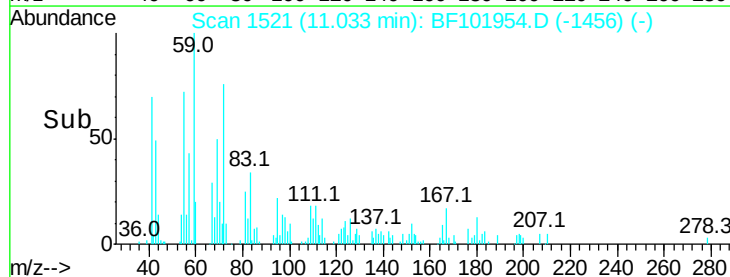
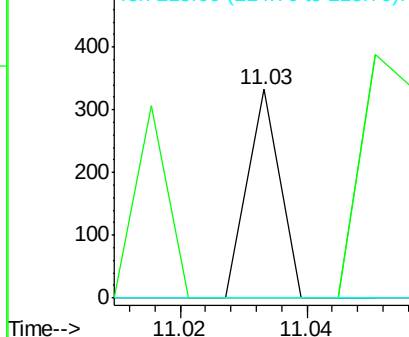


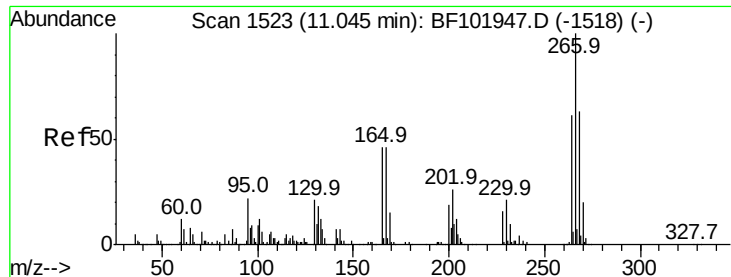
#68
Atrazine
Concen: 0.017 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.08 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:200 Resp: 117
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



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





#69

Pentachlorophenol

Concen: 0.032 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.08 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

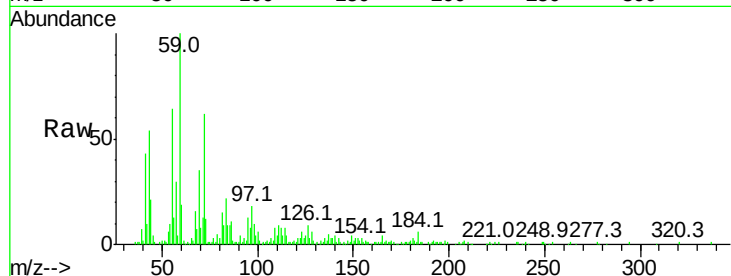
Tot Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

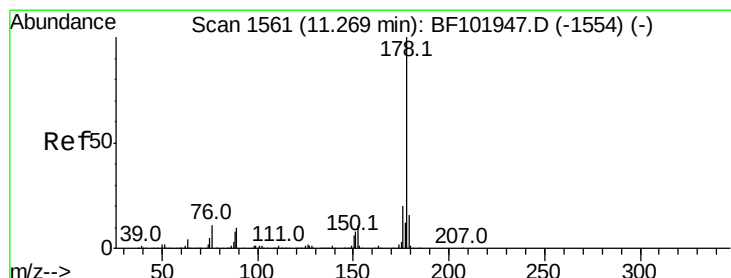
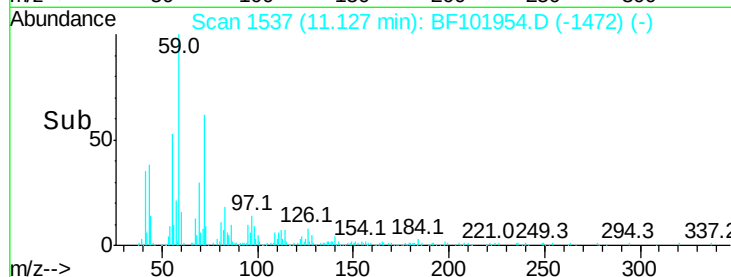
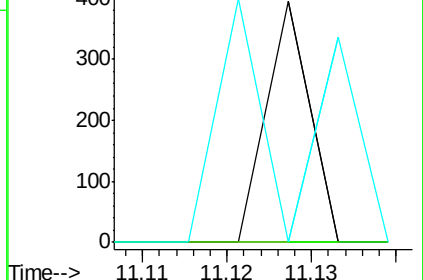
264 0.0 49.5 74.3#



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: 3.845 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

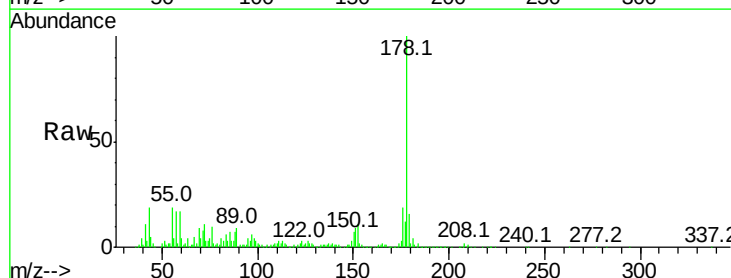
Tgt Ion:178 Resp: 141718

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

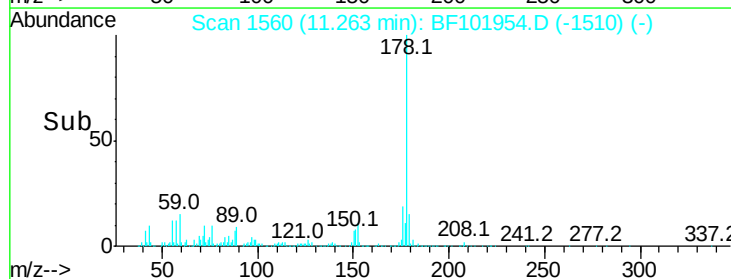
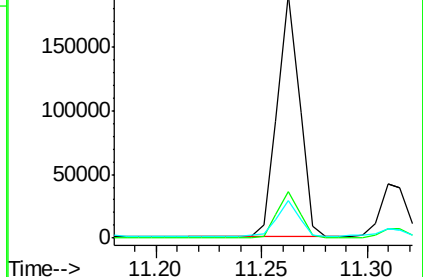
179 15.6 13.0 19.6

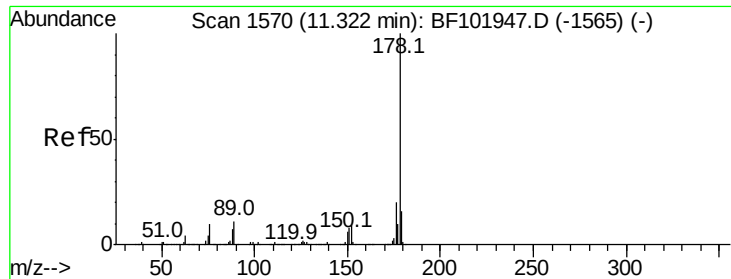


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.969 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

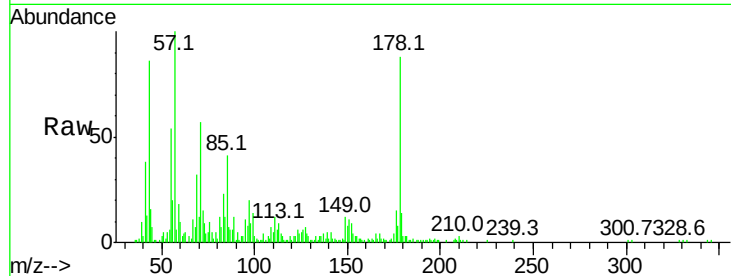
Tot Ion:178 Resp: 36209

Ion Ratio Lower Upper

178 100

176 17.1 15.4 23.2

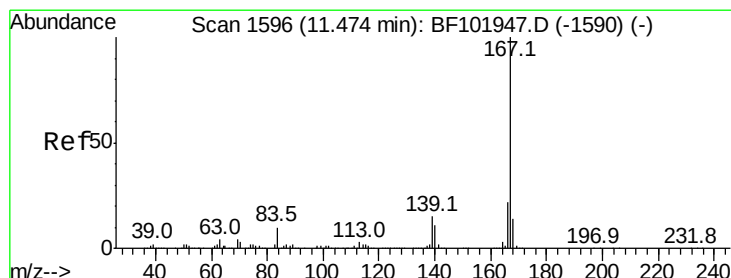
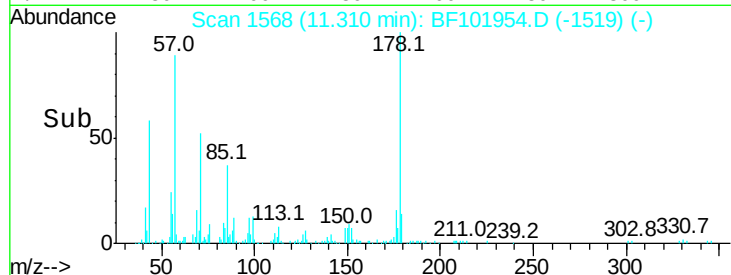
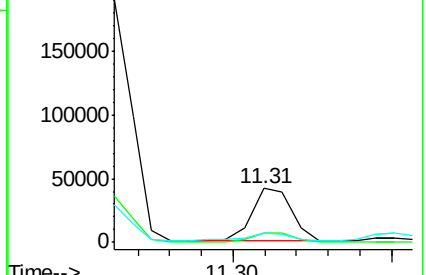
179 16.5 12.6 19.0



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



#72

Carbazole

Concen: 0.295 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

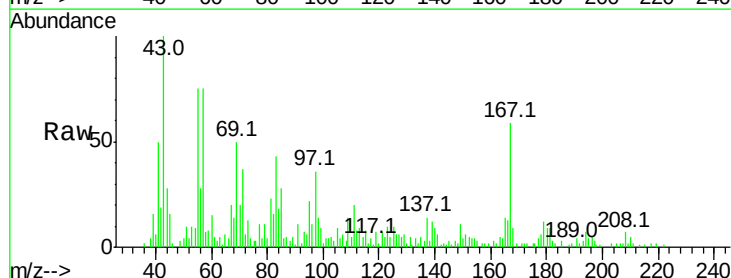
Tgt Ion:167 Resp: 10830

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

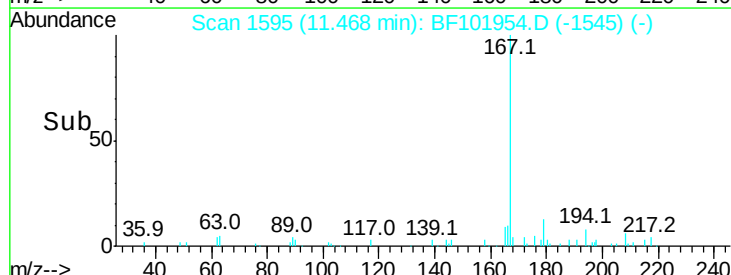
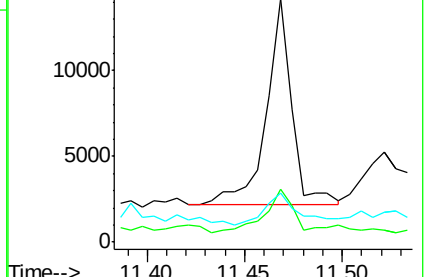
139 19.9 10.9 16.3#

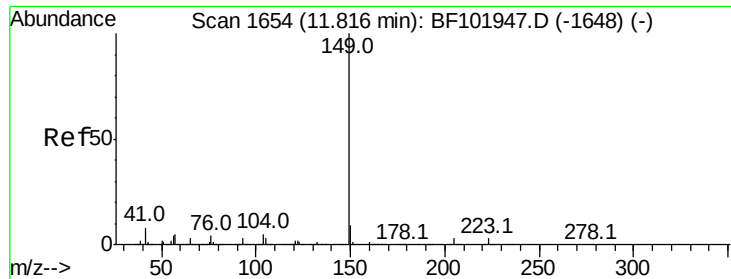


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.671 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF101954.D

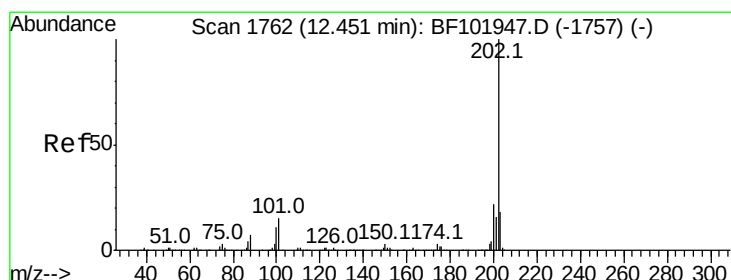
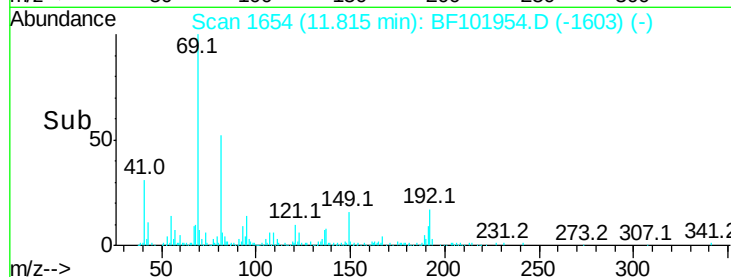
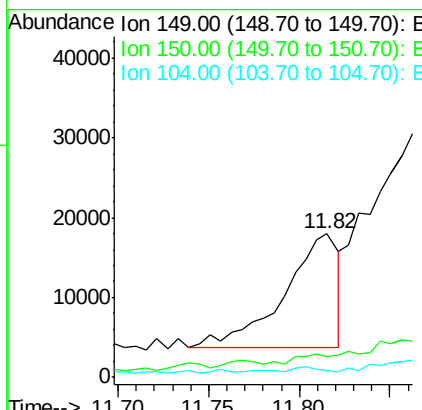
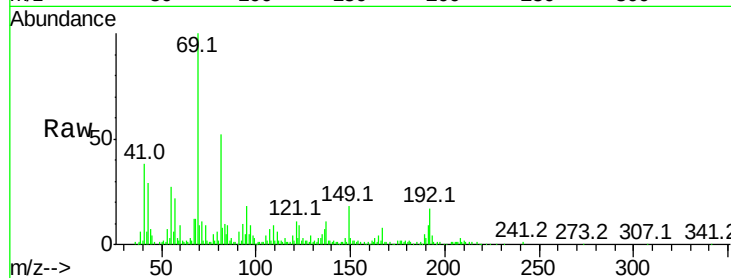
Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	30246
Ion	Ratio	Lower	Upper
149	100		
150	14.8	7.8	11.6#
104	4.6	3.8	5.8



#74

Fluoranthene

Concen: 4.522 ng

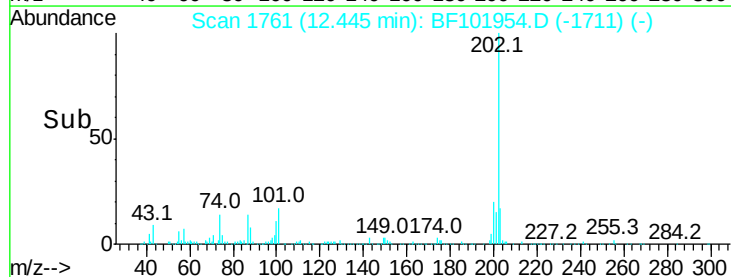
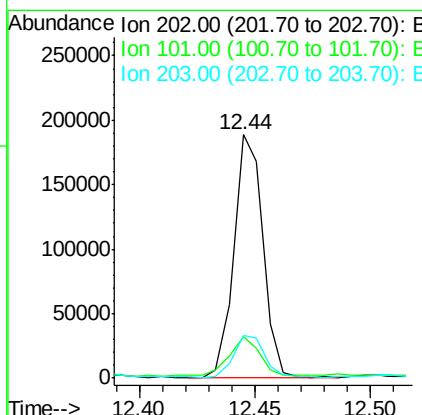
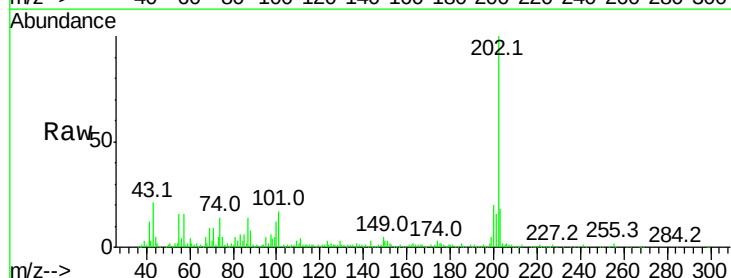
RT: 12.44 min Scan# 1761

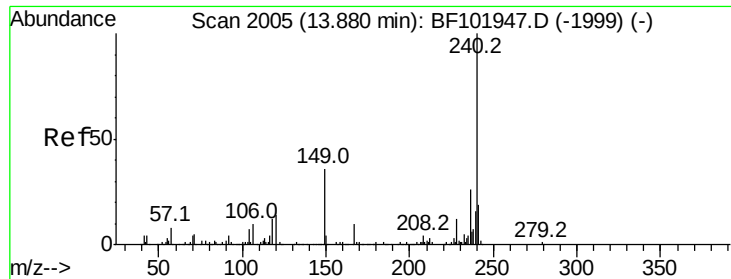
Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Tgt Ion:	202	Resp:	163981
Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

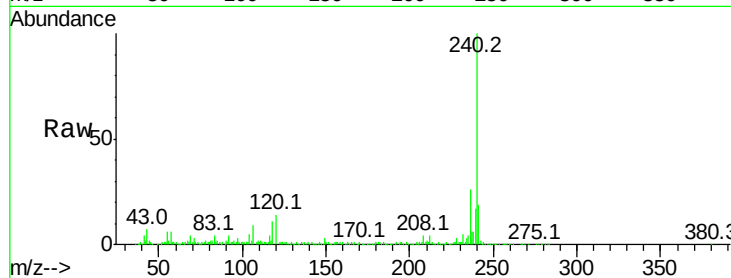
Tot Ion:240 Resp: 387383

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

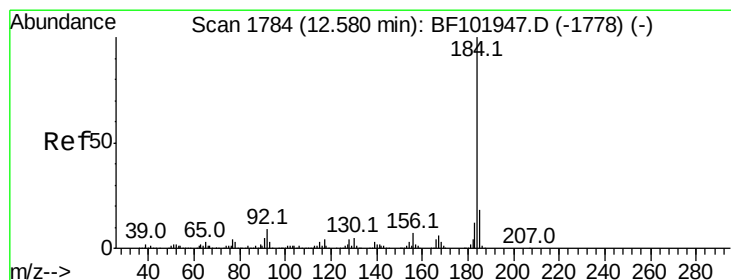
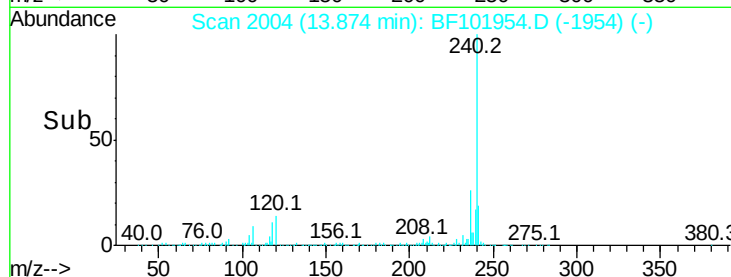
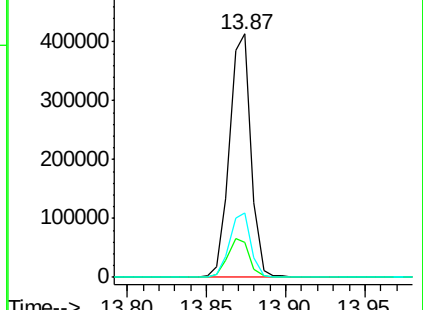
236 26.4 20.7 31.1



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: 0.041 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

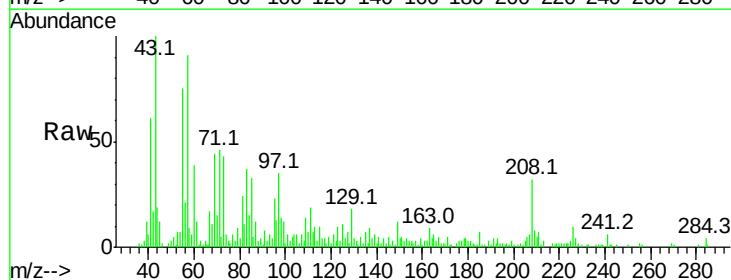
Tgt Ion:184 Resp: 770

Ion Ratio Lower Upper

184 100

185 481.0 12.6 18.8#

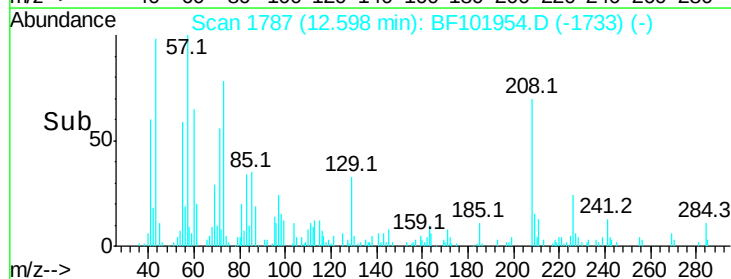
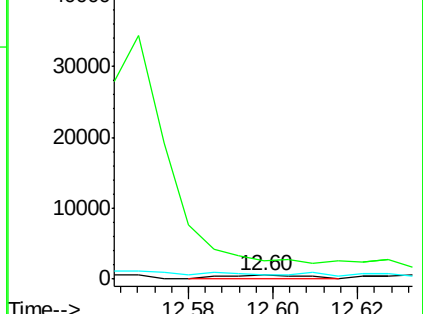
183 101.3 9.3 13.9#

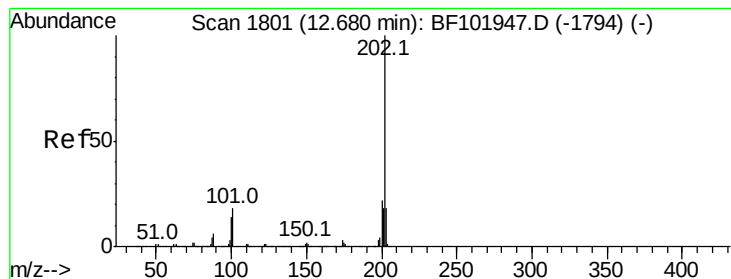


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.873 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

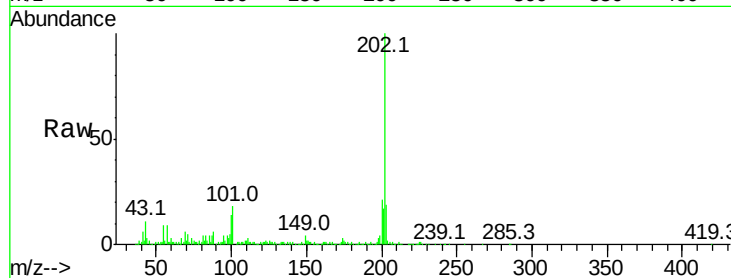
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 201099

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.5	14.3	21.5

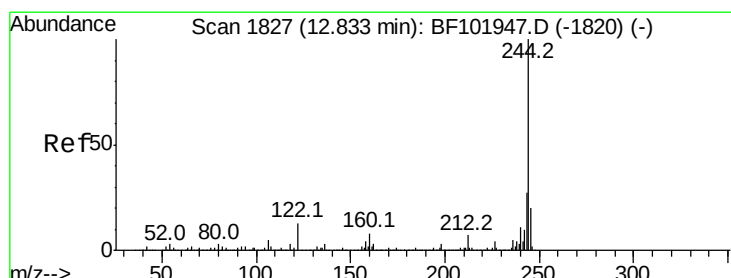
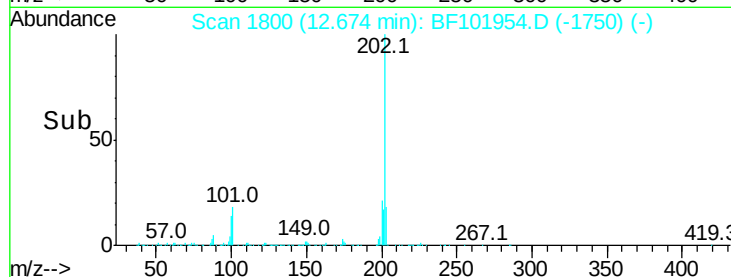
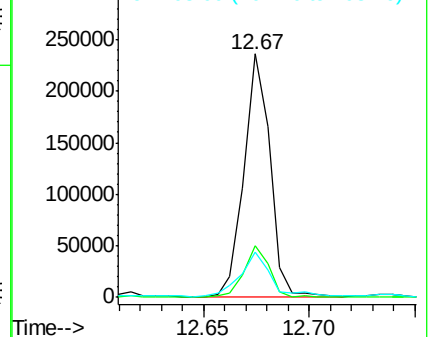


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.750 ng

RT: 12.83 min Scan# 1826

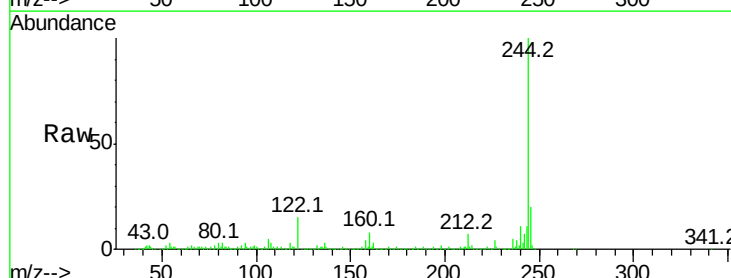
Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Tgt Ion:244 Resp: 1002857

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.7	11.0	16.4

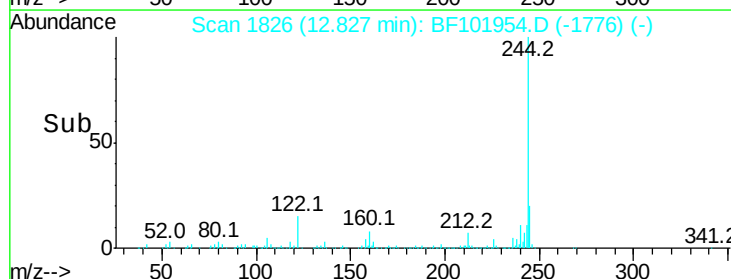
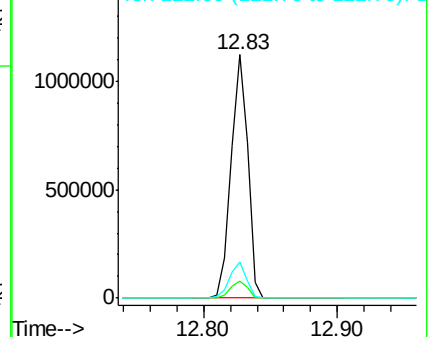


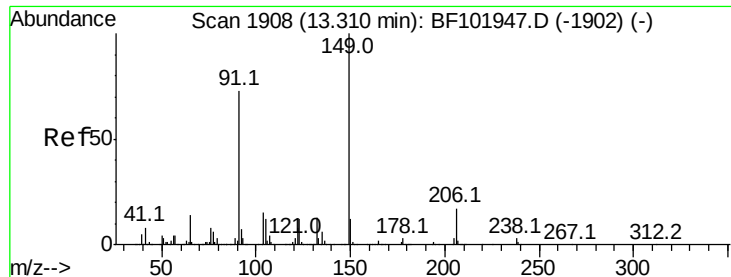
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

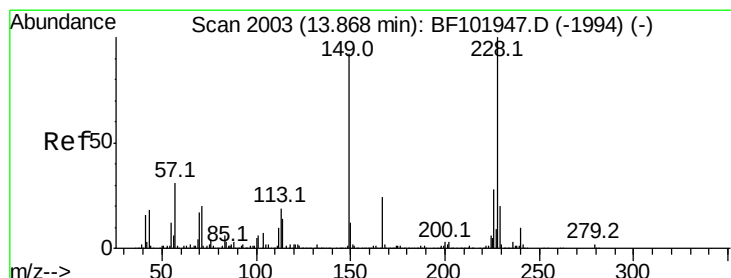
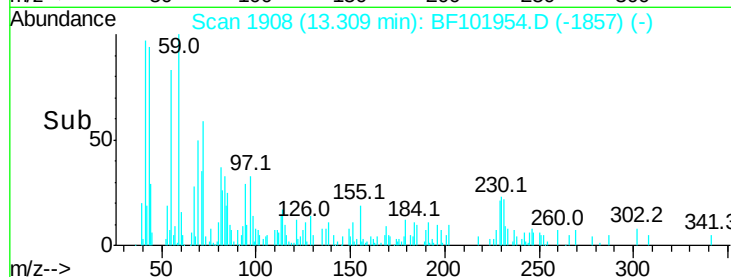
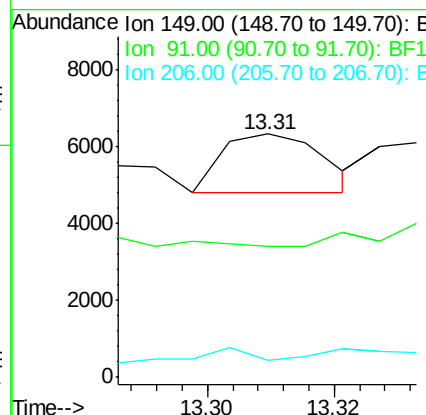
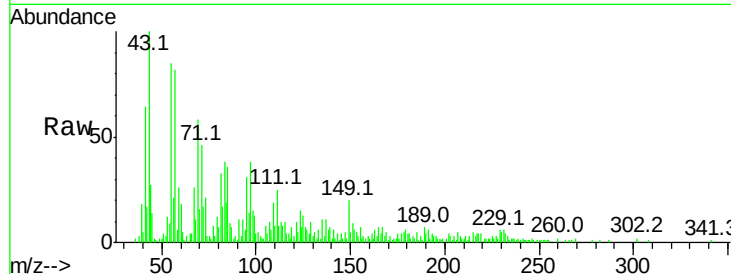




#79
Butylbenzylphthalate
Concen: 0.106 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

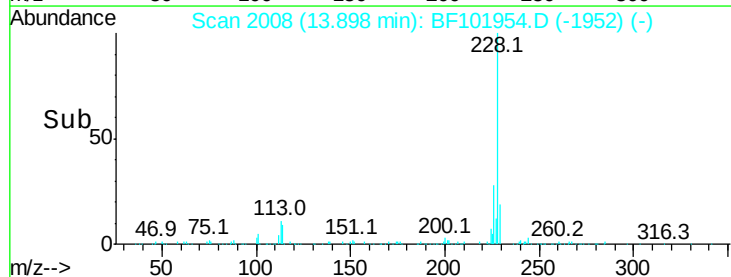
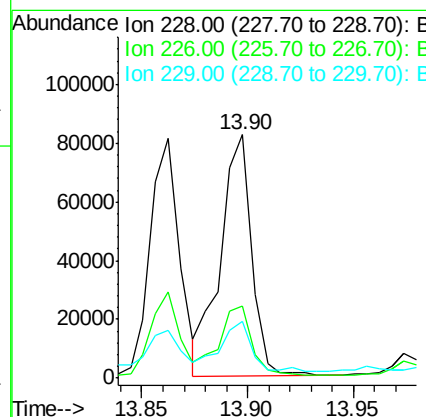
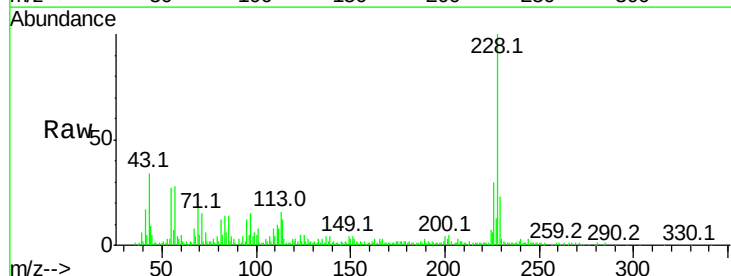
Instrument :
BNA_F
ClientSampled :

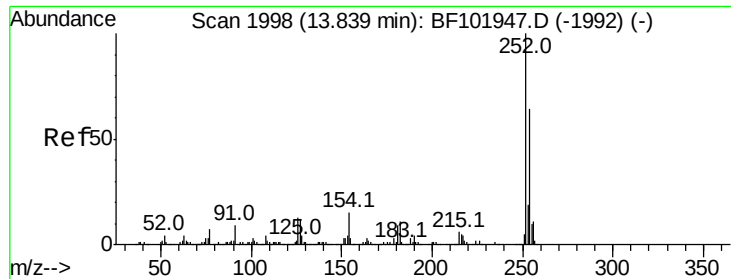
Tot Ion:149 Resp: 1665
Ion Ratio Lower Upper
149 100
91 54.0 56.8 85.2#
206 7.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 3.422 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF101954.D
Acq: 9 Jan 2018 16:09

Tgt Ion:228 Resp: 84583
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 23.3 15.8 23.6

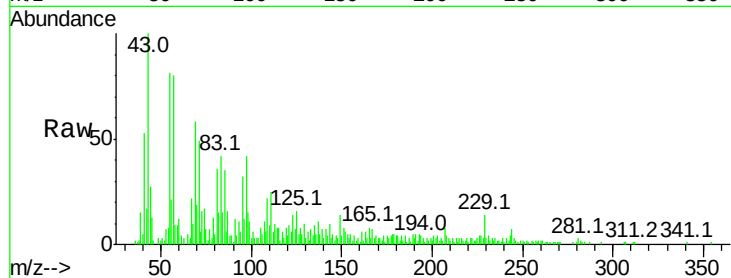




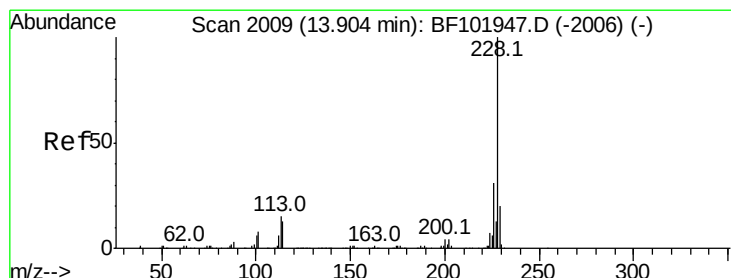
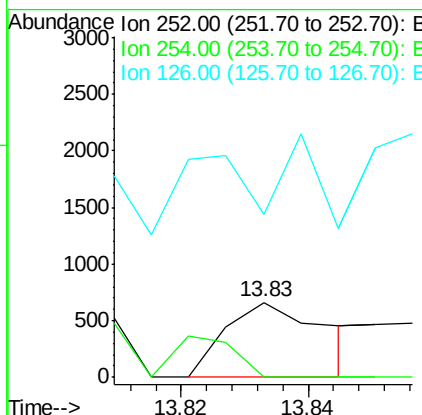
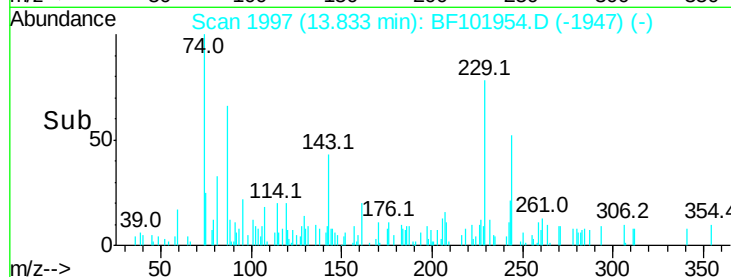
#81
 3,3'-Dichlorobenzidine
 Concen: 0.079 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 720
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.4 75.6#
 126 218.1 11.3 16.9#

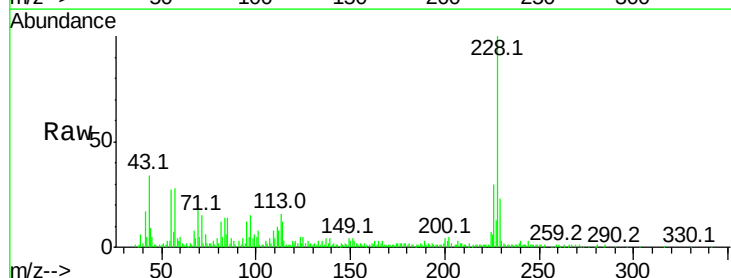


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

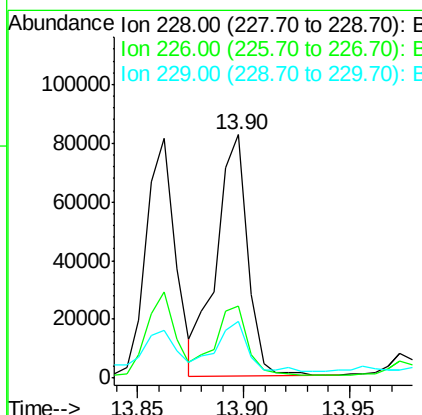
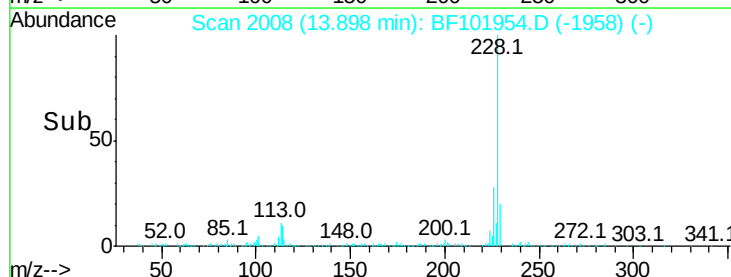


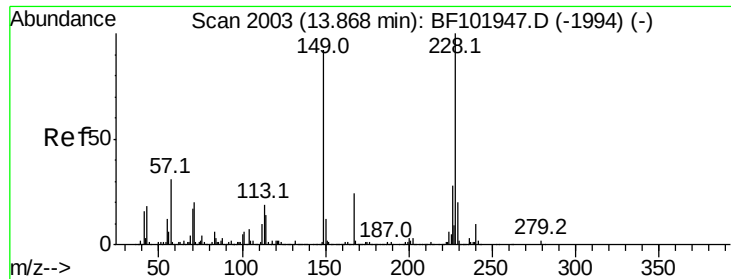
#82
 Chrysene
 Concen: 3.282 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Tgt Ion:228 Resp: 84583
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.6
 229 23.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.912 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

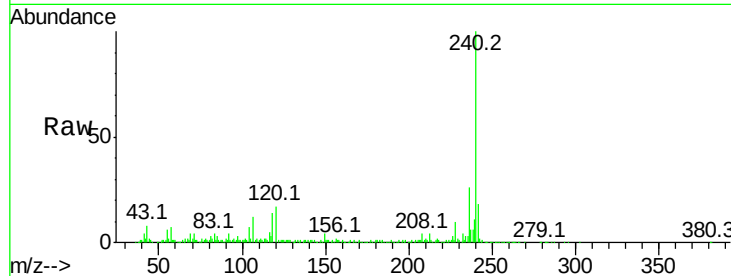
Tot Ion:149 Resp: 16432

Ion Ratio Lower Upper

149 100

167 29.5 21.3 31.9

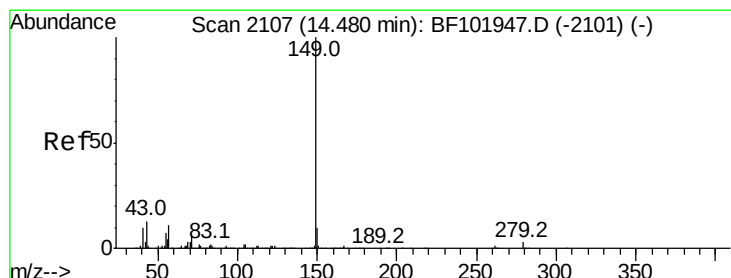
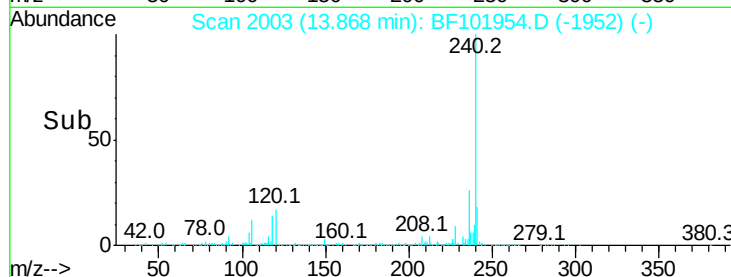
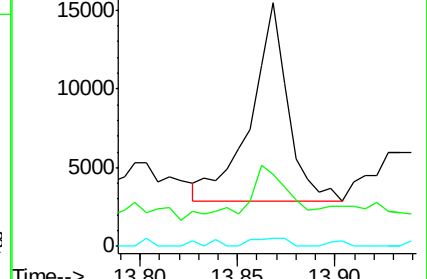
279 3.5 3.0 4.4



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: 0.945 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

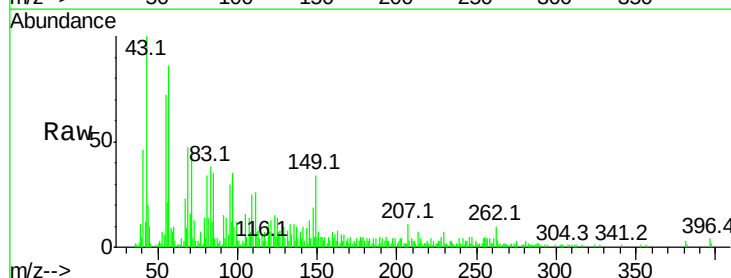
Tgt Ion:149 Resp: 28274

Ion Ratio Lower Upper

149 100

167 4.3 1.2 1.8#

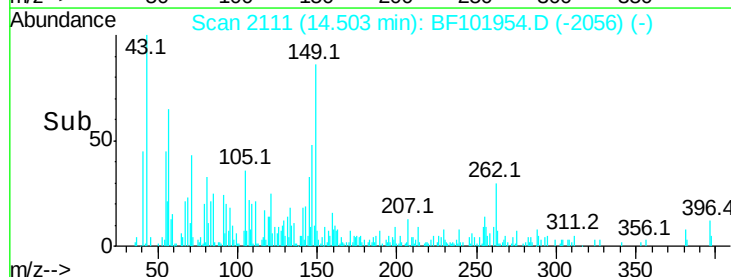
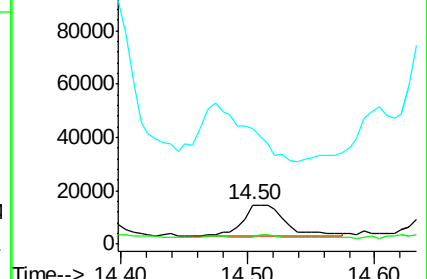
43 0.0 8.4 12.6#

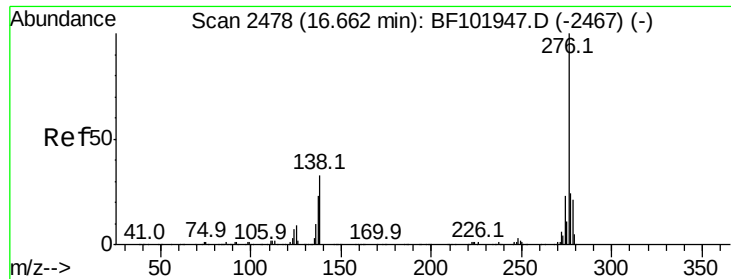


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

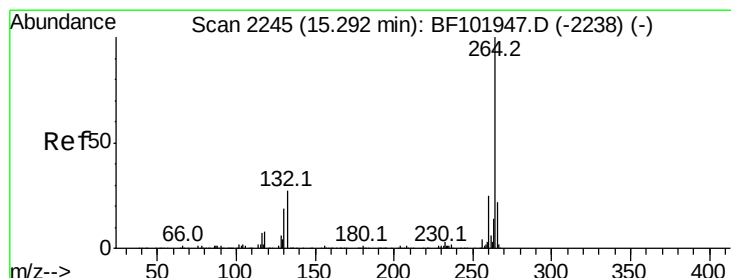
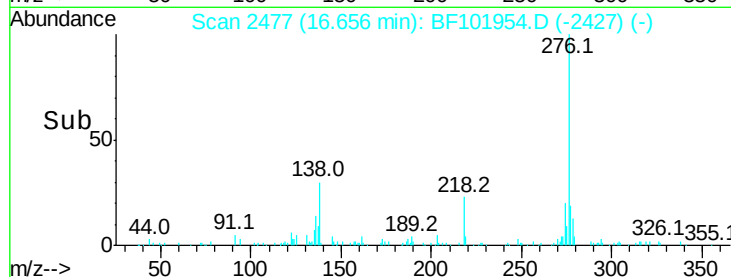
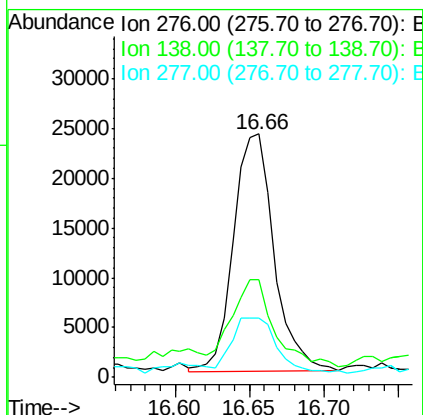
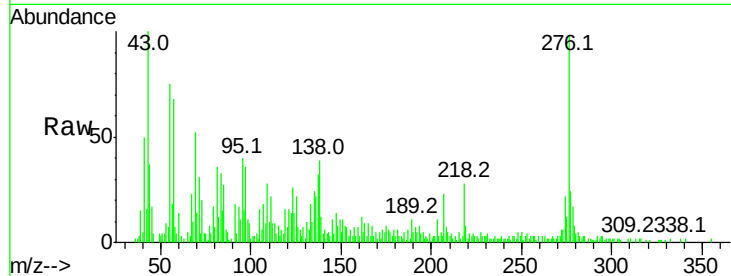




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.398 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

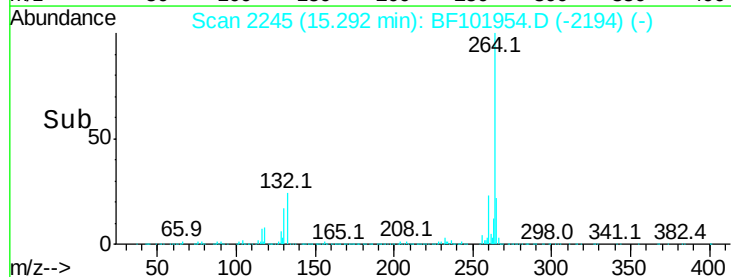
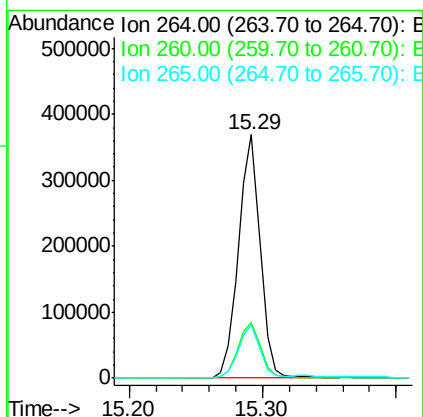
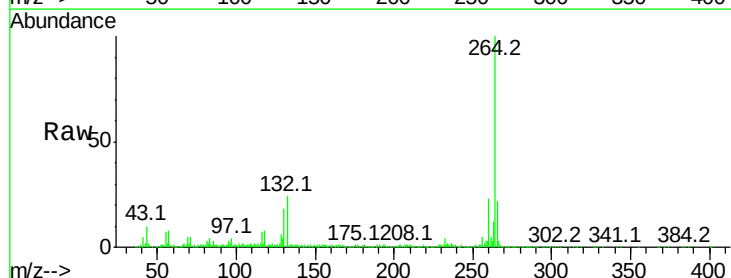
Instrument :
 BNA_F
 ClientSampleId :

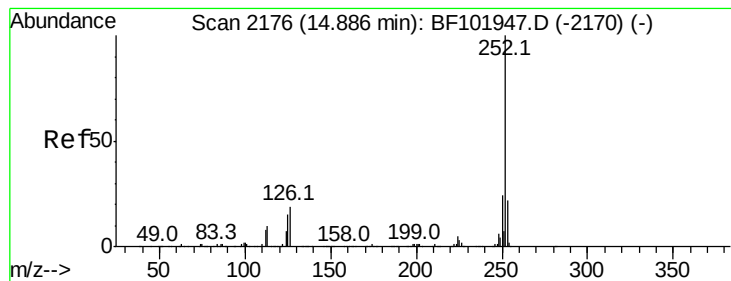
Tot Ion:276 Resp: 44988
 Ion Ratio Lower Upper
 276 100
 138 38.2 25.0 37.6#
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Tgt Ion:264 Resp: 418559
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.0 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 4.419 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

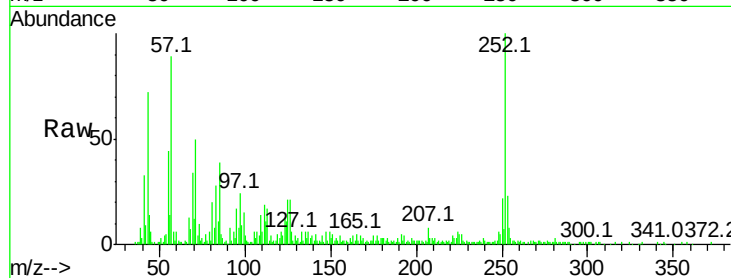
Tot Ion:252 Resp: 120611

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

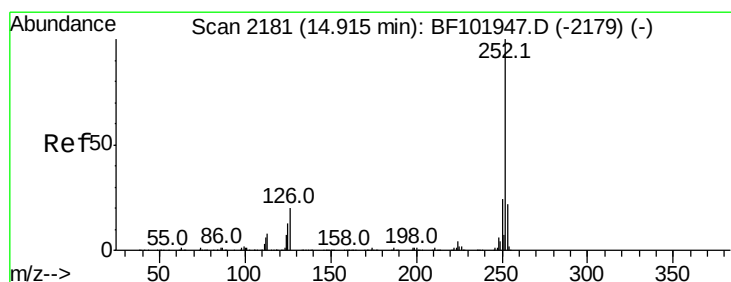
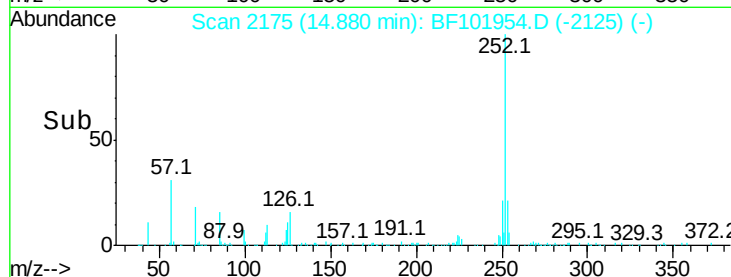
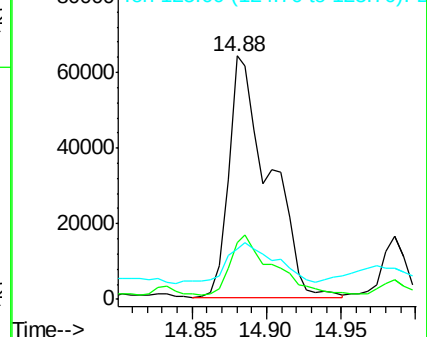
125 20.6 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.581 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

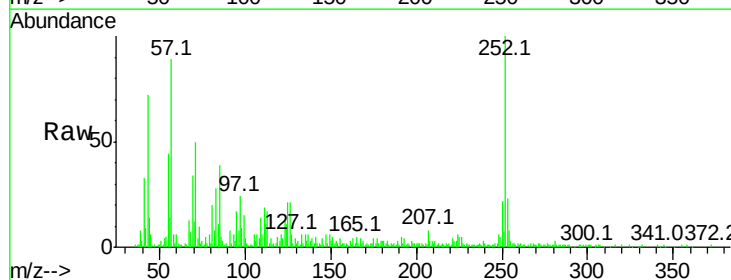
Tgt Ion:252 Resp: 120611

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

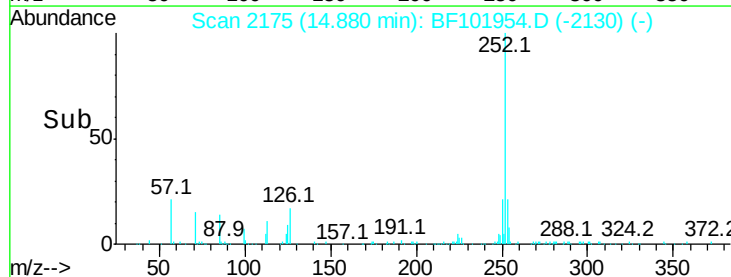
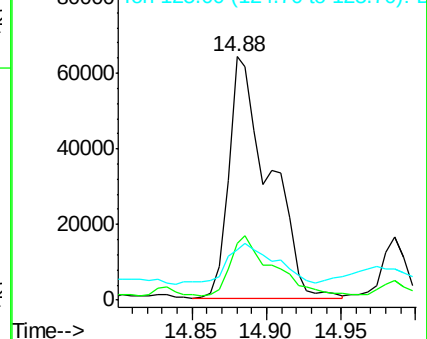
125 20.6 10.2 15.2#

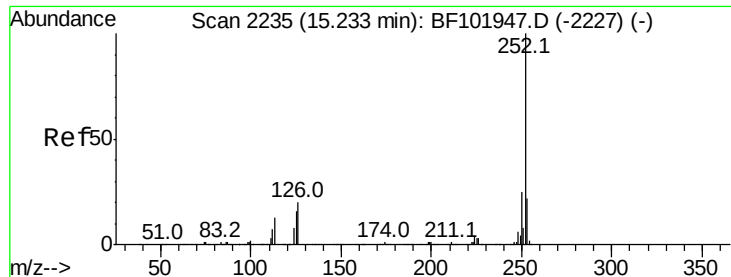


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.141 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

Instrument :

BNA_F

ClientSampleId :

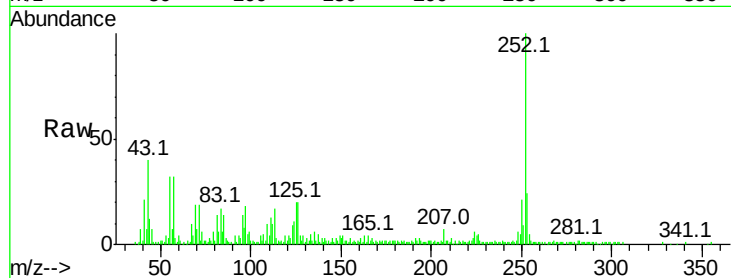
Tot Ion:252 Resp: 77131

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

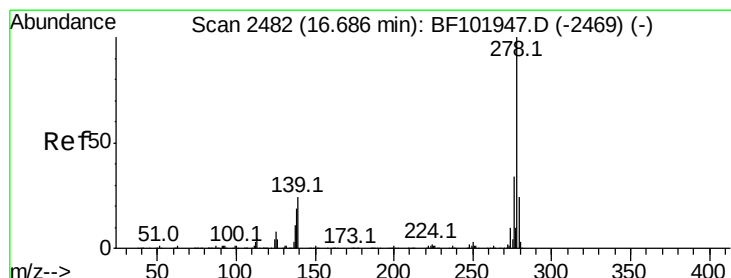
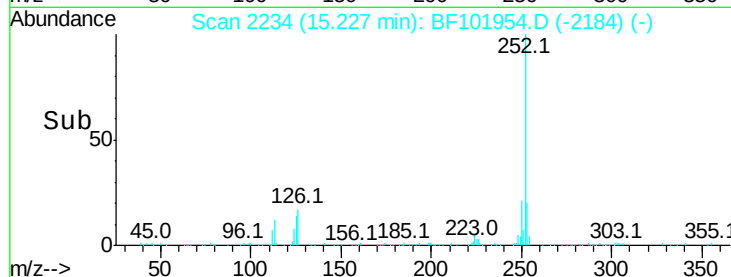
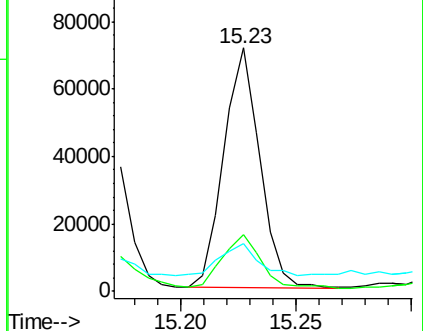
125 19.7 9.8 14.6#



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: 0.667 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF101954.D

Acq: 9 Jan 2018 16:09

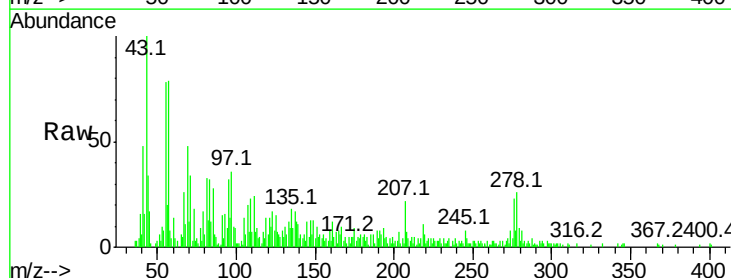
Tgt Ion:278 Resp: 13073

Ion Ratio Lower Upper

278 100

139 42.2 15.9 23.9#

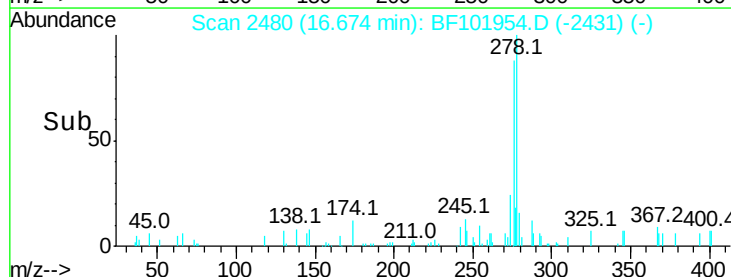
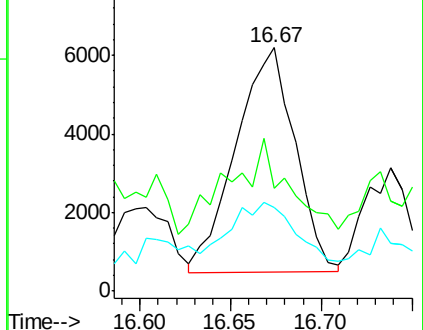
279 34.2 19.0 28.4#

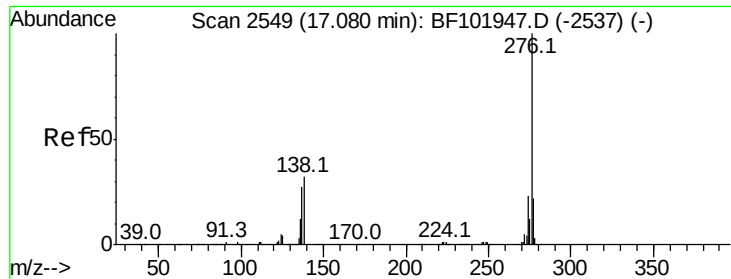


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

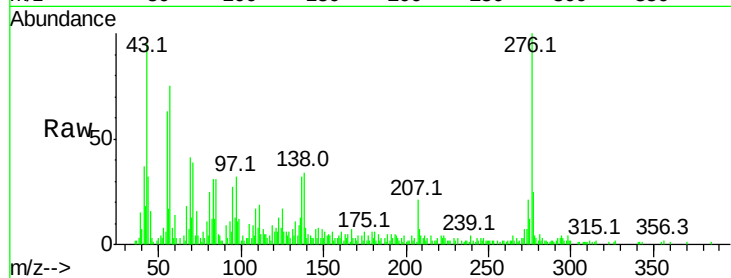




#91
 Benzo(a,h,i)perylene
 Concen: 2.601 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BF101954.D
 Acq: 9 Jan 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	33.7	21.8	32.8



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

