

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101966.D
 Acq On : 9 Jan 2018 21:31
 Operator : SJ/JU
 Sample : J1043-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:04:58 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	6.73	152	214975	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	804125	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	282607	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	408497	20.00	ng	0.00
75) Chrysene-d12	13.88	240	387333	20.00	ng	0.00
86) Perylene-d12	15.30	264	297500	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1337890	87.88	ng	0.01
7) Phenol-d6	6.36	99	1542656	84.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	909789	66.49	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	179773	72.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1176332	65.03	ng	0.00
78) Terphenyl-d14	12.83	244	776598	41.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	256	0.034	ng	# 31
3) Pyridine	3.07	79	189	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.04	42	1010	0.116	ng	# 1
6) Aniline	6.37	93	2035	0.079	ng	# 1
8) 2-Chlorophenol	6.51	128	493	0.032	ng	# 60
9) Benzaldehyde	6.27	77	1712	0.136	ng	92
10) Phenol	6.37	94	90789	4.423	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	1951	0.125	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	341	0.019	ng	# 1
13) 1,4-Dichlorobenzene	6.88	146	341	0.019	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	341	0.021	ng	# 1
15) Benzyl Alcohol	6.88	79	15481	1.165	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.99	45	108	0.004	ng	70
17) 2-Methylphenol	6.97	107	347	0.025	ng	# 49
18) Hexachloroethane	6.99	117	259	0.042	ng	# 2
19) n-Nitroso-di-n-propylamine	7.29	70	120631	10.134	ng	# 82
20) 3+4-Methylphenols	7.13	107	2150	0.130	ng	85
22) Acetophenone	7.13	105	671	0.035	ng	# 1
24) Nitrobenzene	7.29	77	2820	0.192	ng	# 41
25) Isophorone	7.29	82	907780	33.574	ng	# 64
27) 2,4-Dimethylphenol	7.66	122	177	0.015	ng	# 56
28) bis(2-Chloroethoxy)methane	8.01	93	166	0.010	ng	# 1
31) Naphthalene	8.03	128	9276	0.231	ng	# 93
32) Benzoic acid	7.69	122	322	0.037	ng	91
33) 4-Chloroaniline	8.03	127	1096	0.064	ng	# 5
36) 4-Chloro-3-methylphenol	8.36	107	124	0.010	ng	# 20
37) 2-Methylnaphthalene	8.72	142	1500	0.057	ng	# 82
45) 1,1'-Biphenyl	9.19	154	3830	0.153	ng	94
46) 2-Chloronaphthalene	9.47	162	392	0.020	ng	# 1
47) 2-Nitroaniline	9.38	65	133	0.023	ng	# 2
48) Acenaphthylene	9.62	152	114793	3.734	ng	97
49) Dimethylphthalate	9.48	163	128421	5.665	ng	99
50) 2,6-Dinitrotoluene	9.48	165	1324	0.292	ng	# 10
51) Acenaphthene	9.79	154	3814	0.204	ng	88

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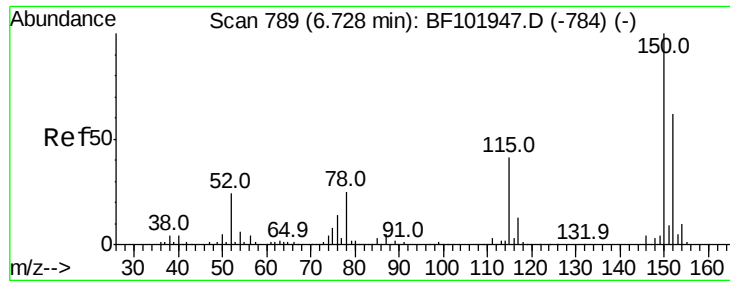
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:04:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

54) Dibenzofuran	9.96	168	1667	0.065	nq	# 34
55) 4-Nitrophenol	9.79	139	138	0.032	nq	# 36
56) 2,4-Dinitrotoluene	9.76	165	36359	6.406	nq	# 23
57) Fluorene	10.42	166	4059	0.229	nq	95
59) Diethylphthalate	10.18	149	2285	0.101	nq	# 87
62) Azobenzene	10.47	77	630	0.028	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	114	5.708	nq	# 1
65) n-Nitrosodiphenylamine	10.42	169	418	0.027	nq	# 65
66) 4-Bromophenyl-phenylether	10.55	248	12948	3.001	nq	# 1
70) Phenanthrene	11.27	178	46003	1.928	nq	99
71) Anthracene	11.32	178	40001	1.653	nq	100
72) Carbazole	11.47	167	11874	0.499	nq	98
73) Di-n-butylphthalate	11.82	149	1752	0.060	nq	# 48
74) Fluoranthene	12.46	202	657769	28.018	nq	98
76) Benzidine	12.83	184	10112	0.541	nq	# 96
77) Pyrene	12.68	202	610049	17.818	nq	99
79) Butylbenzylphthalate	13.30	149	1751	0.111	nq	# 10
80) Benzo(a)anthracene	13.90	228	335557	13.578	nq	94
81) 3,3'-Dichlorobenzidine	13.92	252	2600	0.284	nq	# 1
82) Chrysene	13.90	228	335557	13.022	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	5415	0.300	nq	# 94
84) Di-n-octyl phthalate	14.48	149	569	0.019	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.67	276	130529	6.960	nq	98
87) Benzo(b)fluoranthene	14.89	252	566953	29.227	nq	# 96
88) Benzo(k)fluoranthene	14.89	252	566953	30.298	nq	# 97
89) Benzo(a)pyrene	15.24	252	272708	15.623	nq	# 95
90) Dibenzo(a,h)anthracene	16.68	278	34365	2.467	nq	# 75
91) Benzo(a,h,i)perylene	17.08	276	111033	7.913	nq	# 92

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

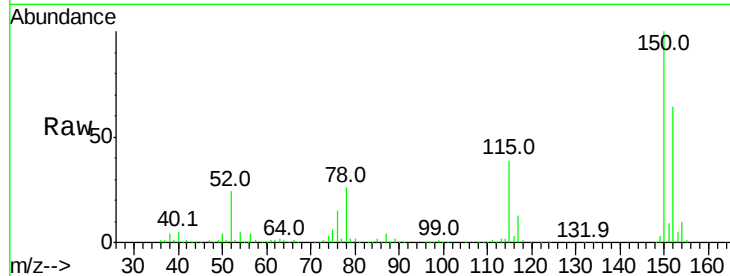


#1

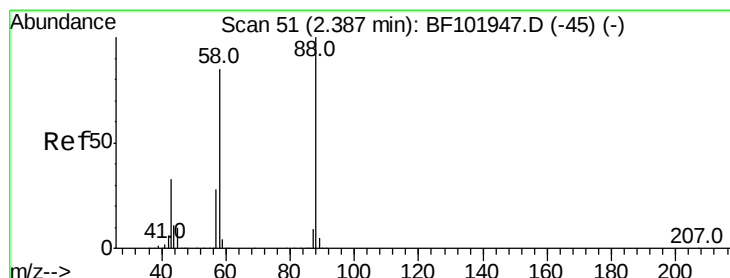
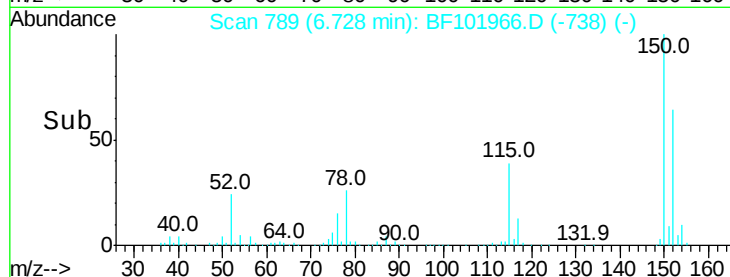
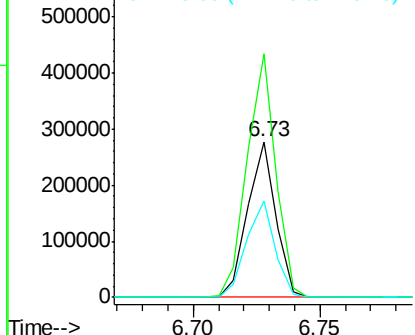
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 214975
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.7 50.1 75.1



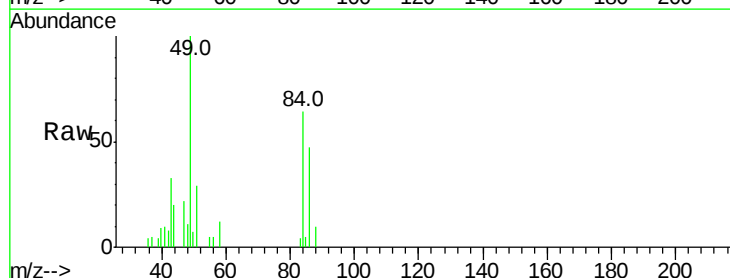
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



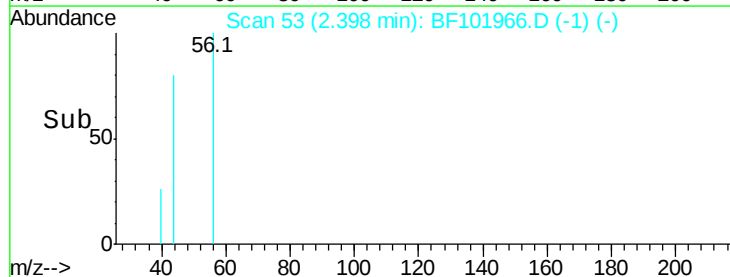
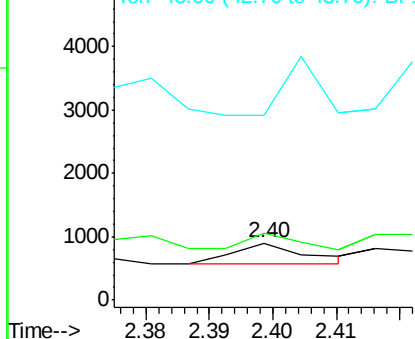
#2

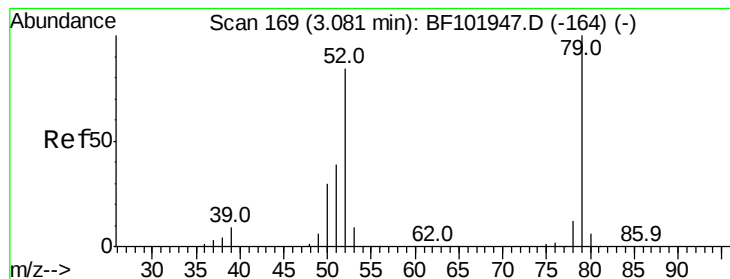
1,4-Dioxane
Concen: 0.034 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
58 88.7 62.6 93.8
43 147.3 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: 0.009 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampled :

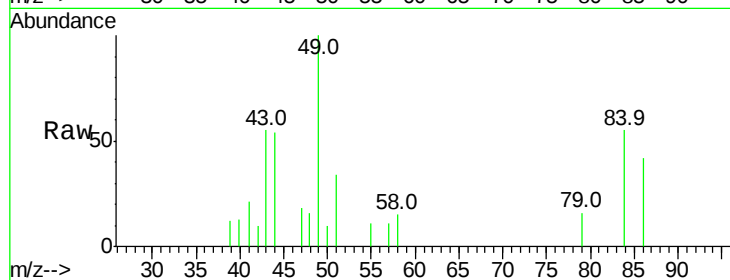
Tot Ion: 79 Resp: 189

Ion Ratio Lower Upper

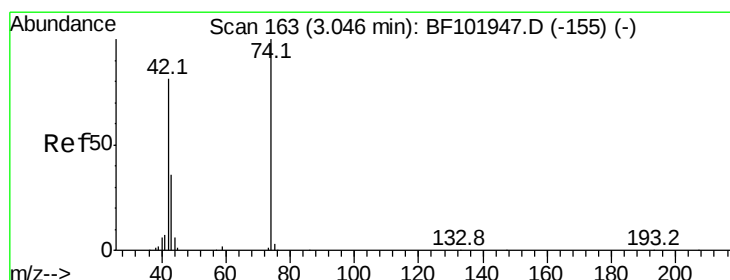
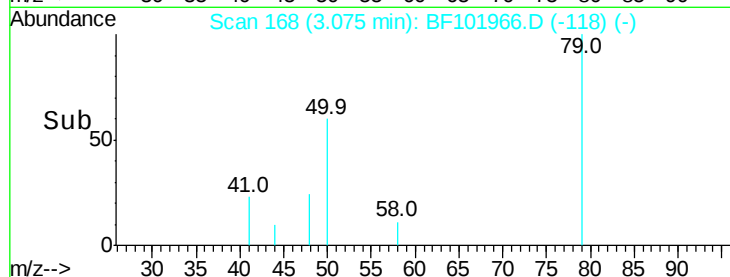
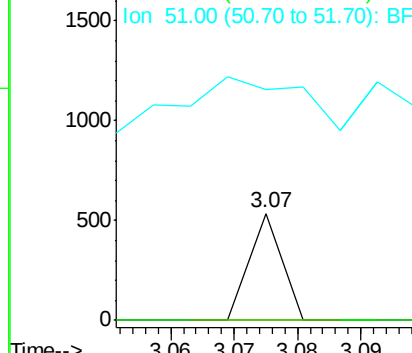
79 100

52 0.0 59.8 89.6#

51 215.9 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.116 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

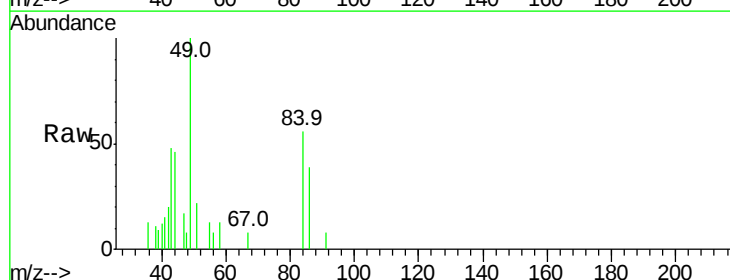
Tgt Ion: 42 Resp: 1010

Ion Ratio Lower Upper

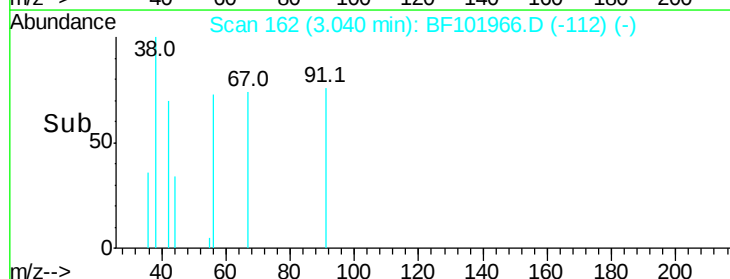
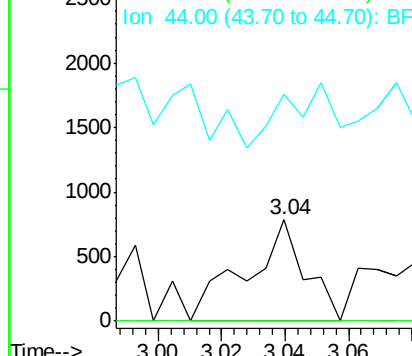
42 100

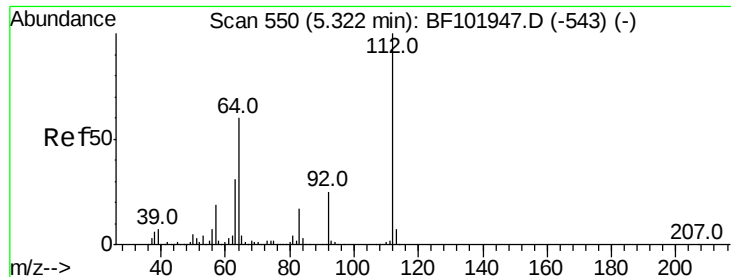
74 0.0 104.9 157.3#

44 224.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.880 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

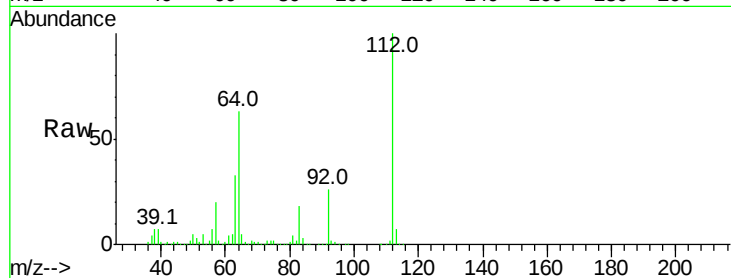
Tot Ion:112 Resp: 1337890

Ion Ratio Lower Upper

112 100

64 63.3 47.9 71.9

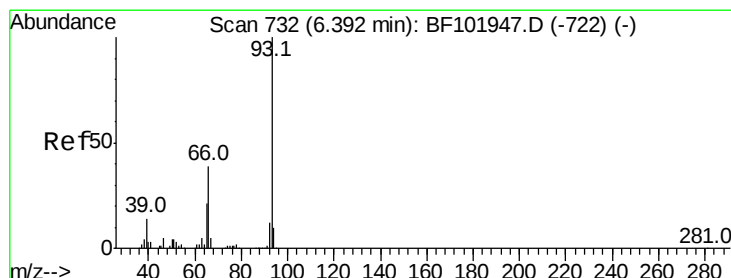
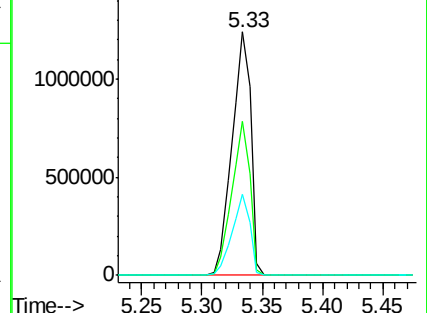
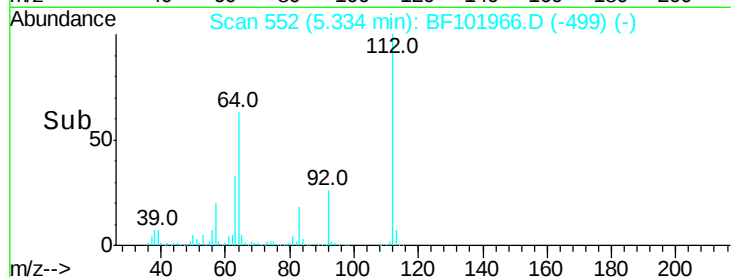
63 33.0 23.7 35.5



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: BF101966.D

Acq: 9 Jan 2018 21:31

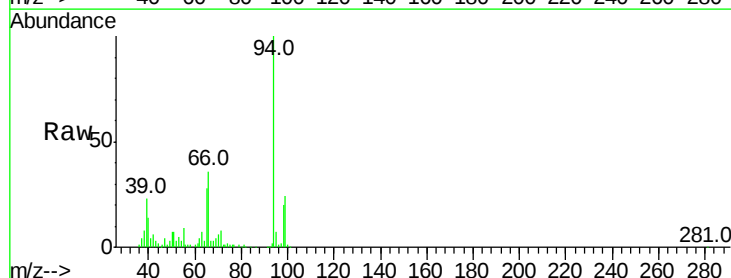
Tgt Ion: 93 Resp: 2035

Ion Ratio Lower Upper

93 100

66 1737.3 32.2 48.2#

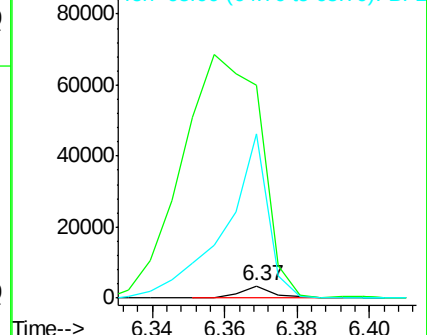
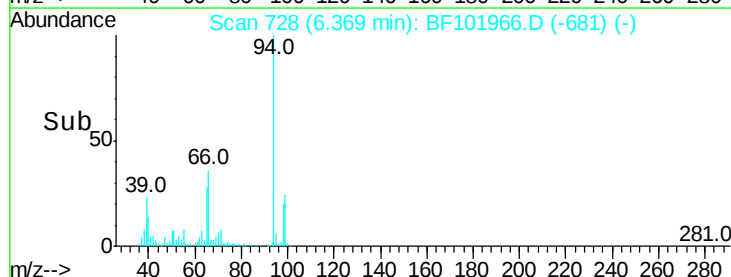
65 1343.4 16.4 24.6#

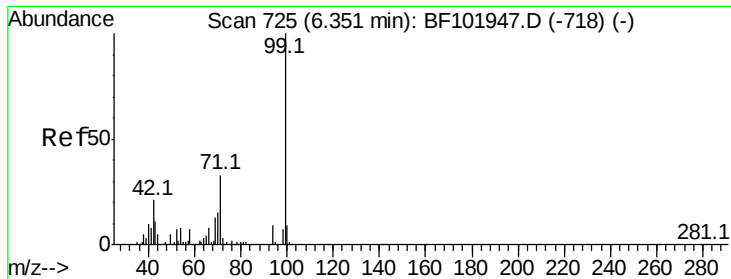


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.930 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

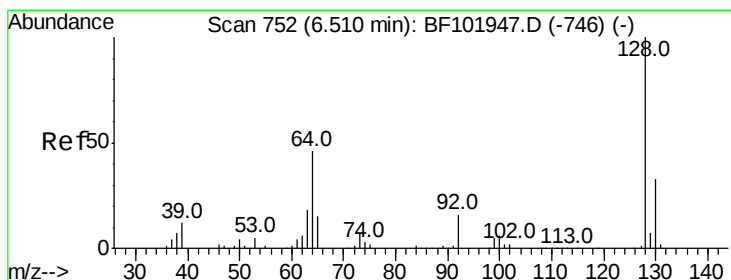
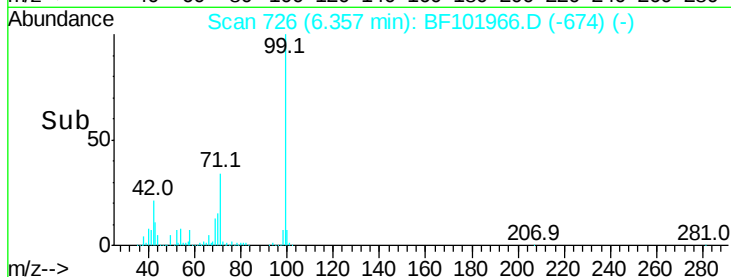
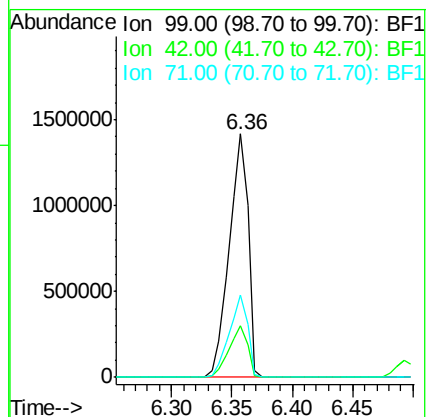
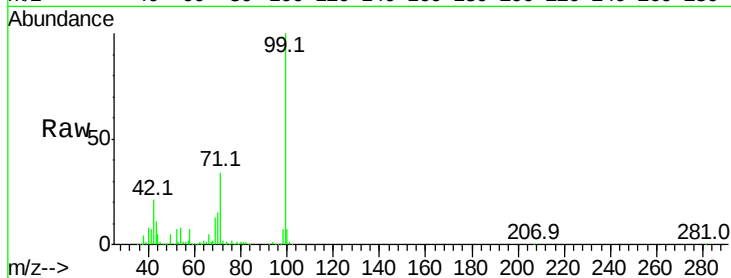
Tot Ion: 99 Resp: 1542656

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.7 25.4 38.0



#8

2-Chlorophenol

Concen: 0.032 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

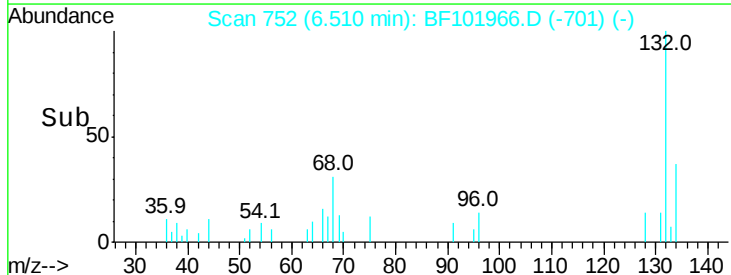
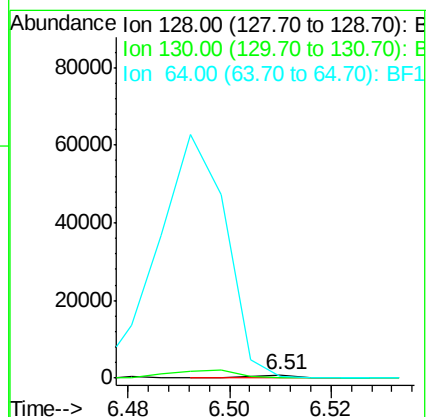
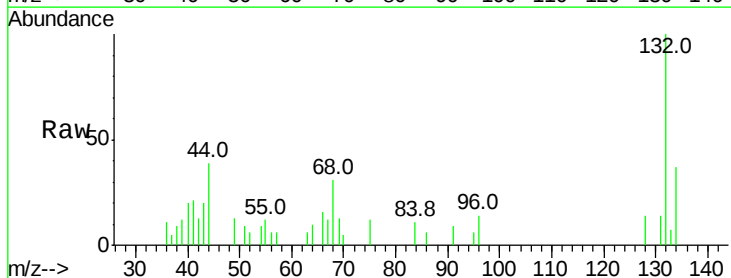
Tgt Ion: 128 Resp: 493

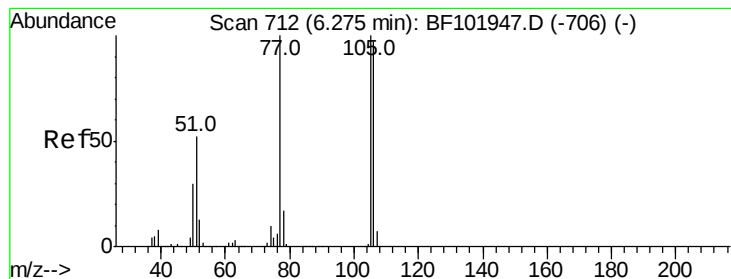
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 68.4 29.4 69.4





#9

Benzaldehyde

Concen: 0.136 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

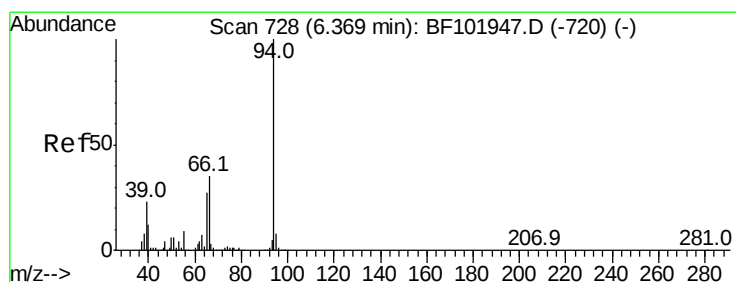
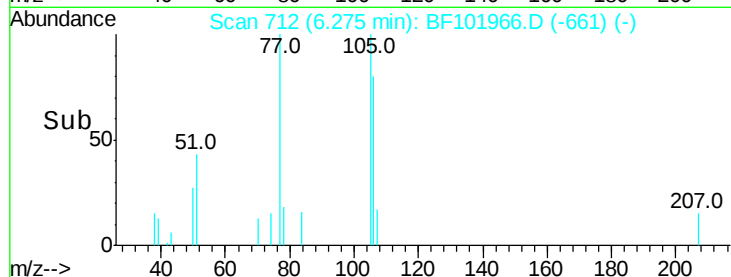
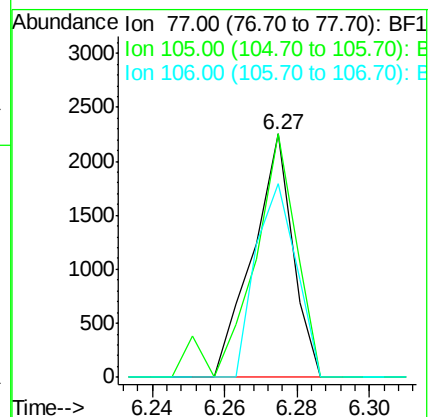
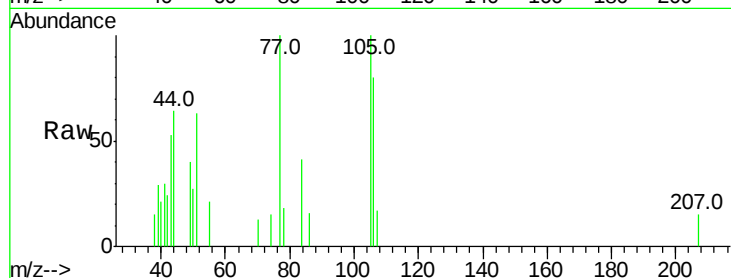
Tot Ion: 77 Resp: 1712

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

106 79.8 74.5 114.5



#10

Phenol

Concen: 4.423 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

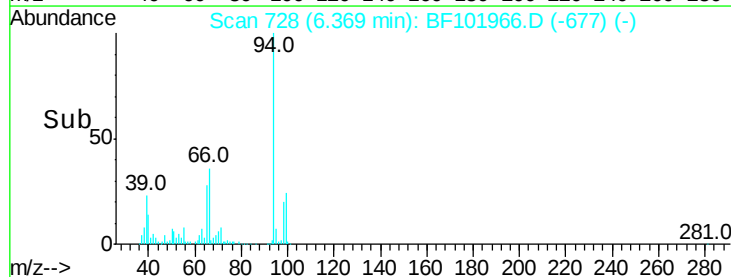
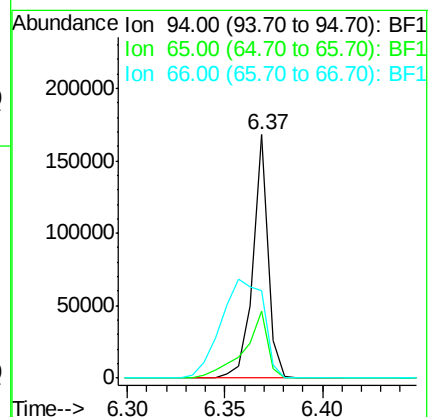
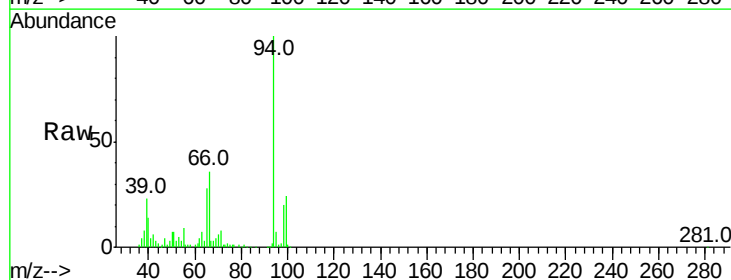
Tgt Ion: 94 Resp: 90789

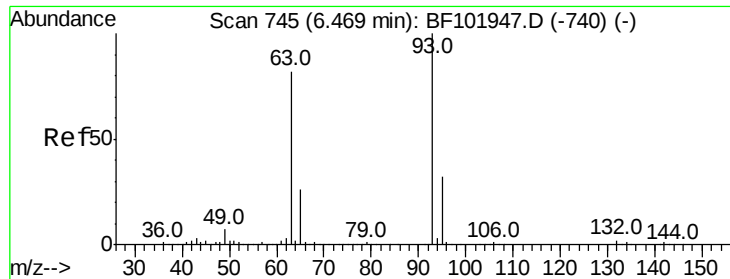
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 35.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 0.125 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

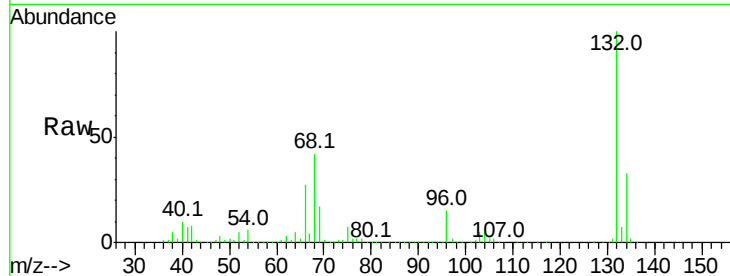
Tot Ion: 93 Resp: 1951

Ion Ratio Lower Upper

93 100

63 620.8 58.6 98.6#

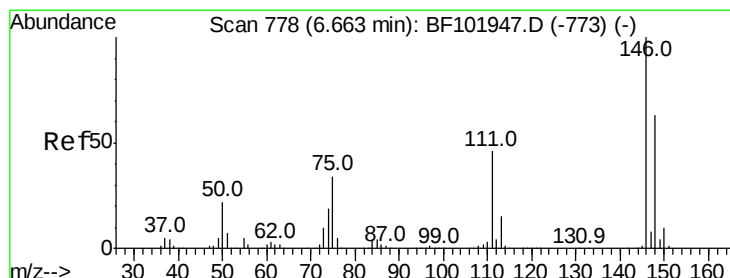
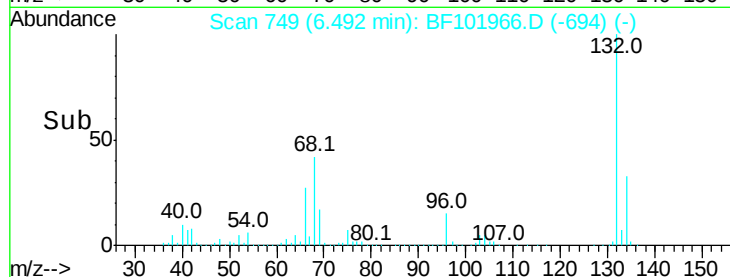
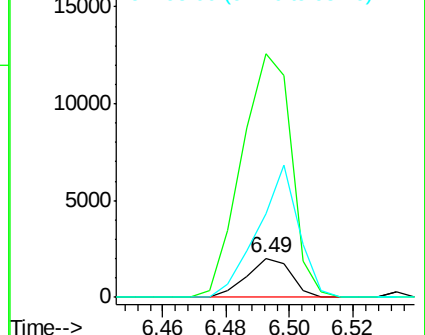
95 213.0 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.019 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.22 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

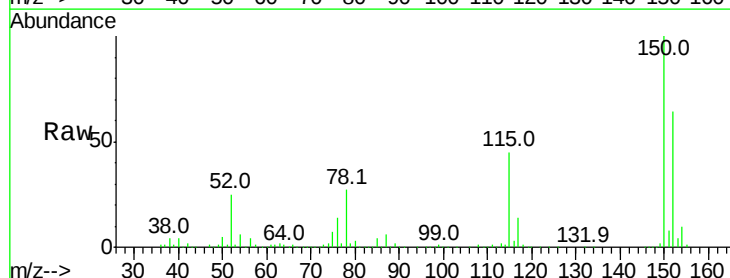
Tgt Ion: 146 Resp: 341

Ion Ratio Lower Upper

146 100

148 437.6 51.8 77.8#

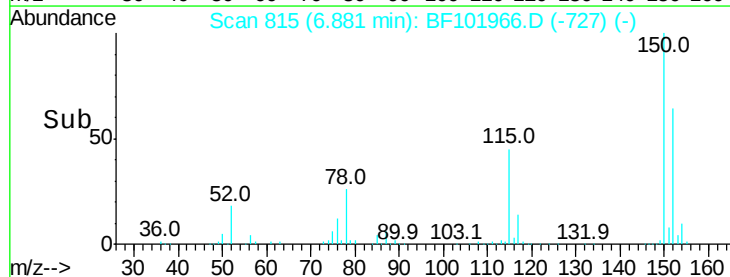
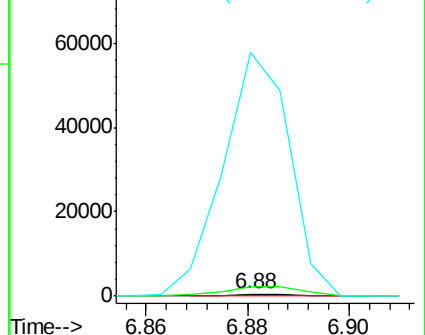
75 11731.7 24.2 36.4#

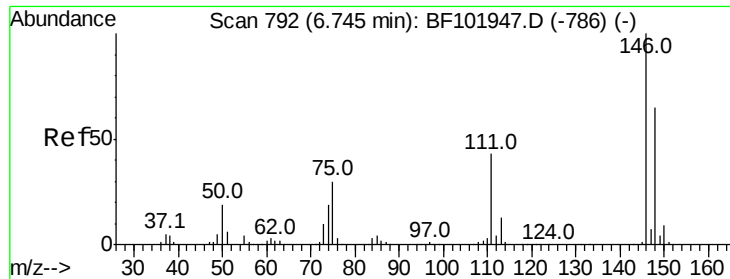


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.019 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.14 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

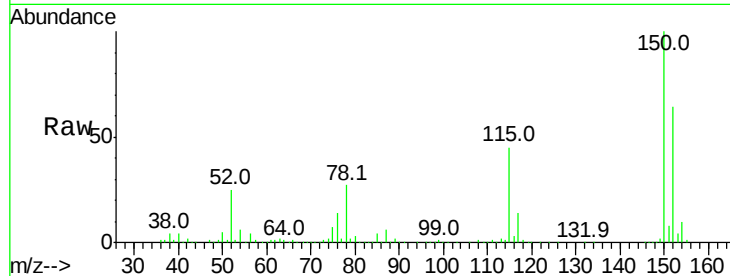
Tot Ion:146 Resp: 341

Ion Ratio Lower Upper

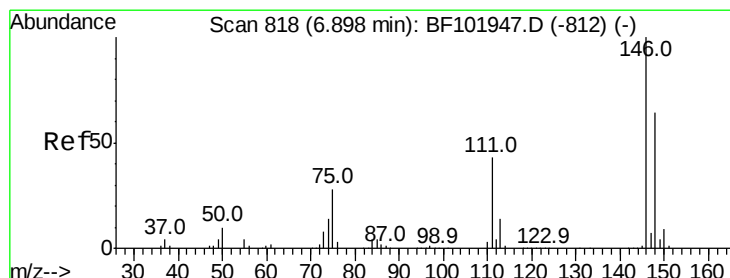
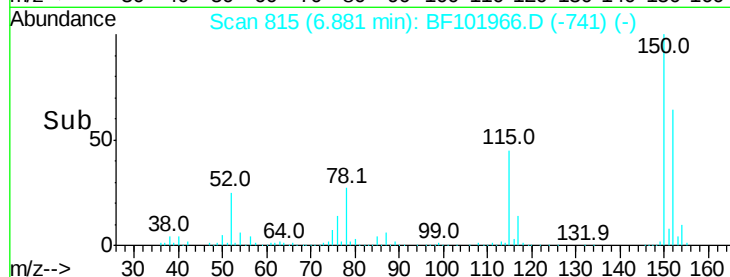
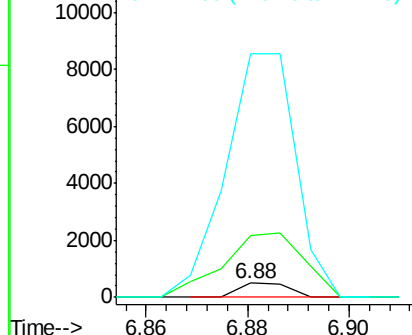
146 100

148 437.6 50.8 76.2#

111 1736.8 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: 0.021 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

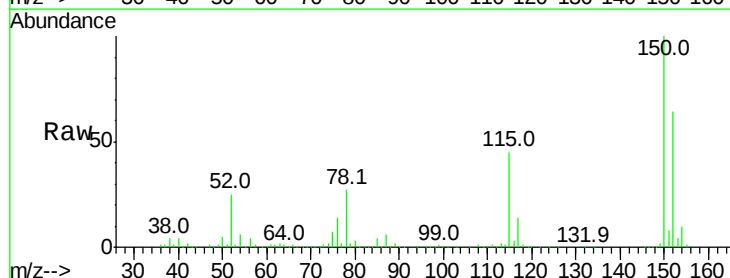
Tgt Ion:146 Resp: 341

Ion Ratio Lower Upper

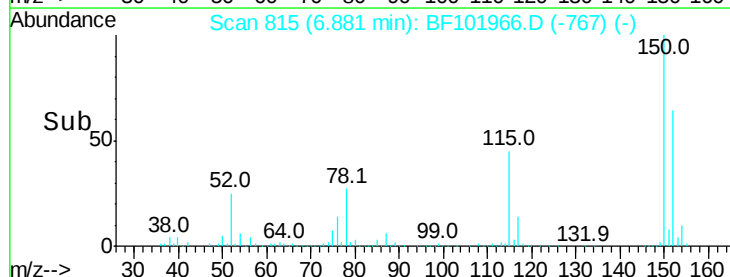
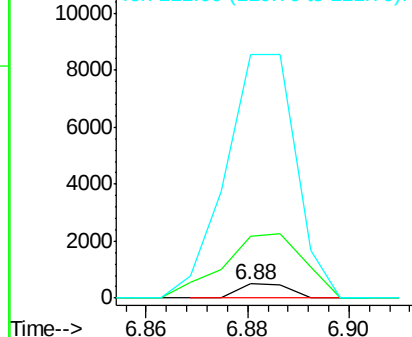
146 100

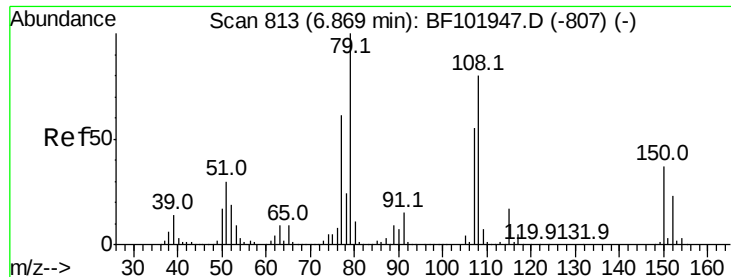
148 437.6 50.6 75.8#

111 1736.8 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: 1.165 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampled :

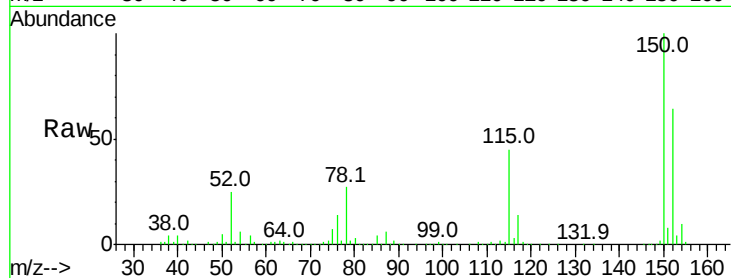
Tot Ion: 79 Resp: 15481

Ion Ratio Lower Upper

79 100

108 30.2 65.1 97.7#

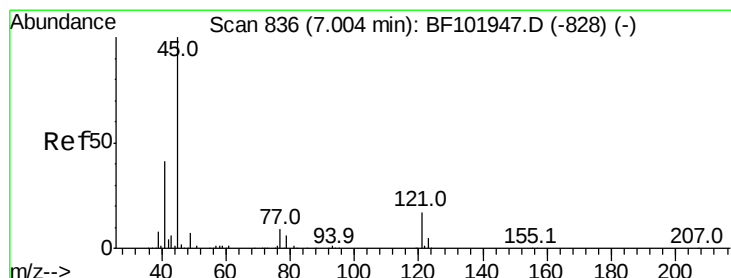
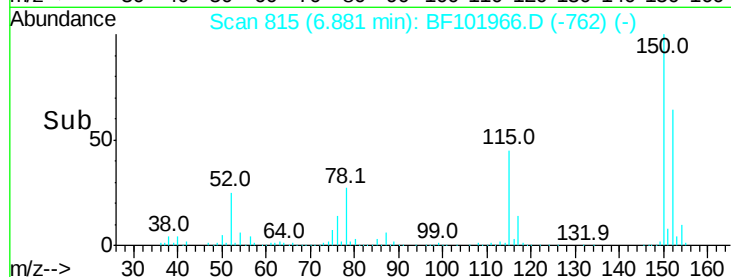
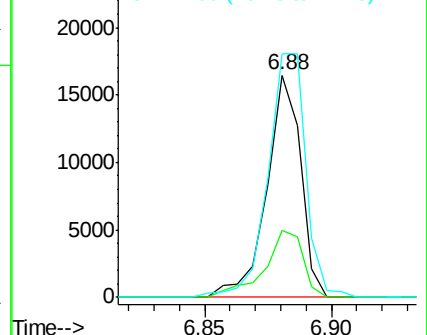
77 109.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

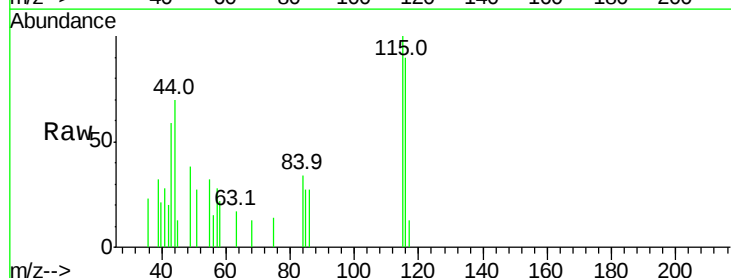
Tgt Ion: 45 Resp: 108

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

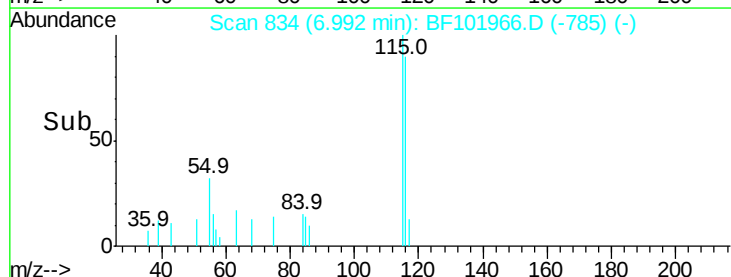
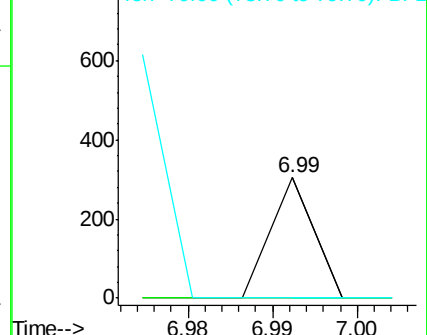
79 0.0 0.0 29.6

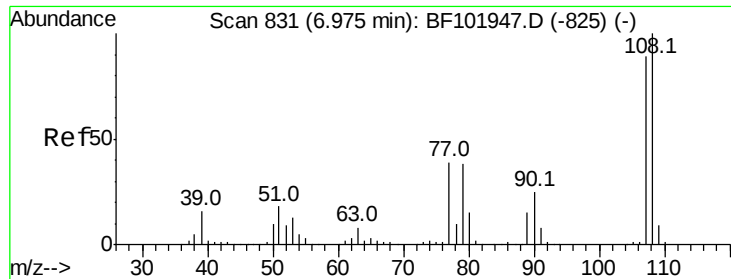


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

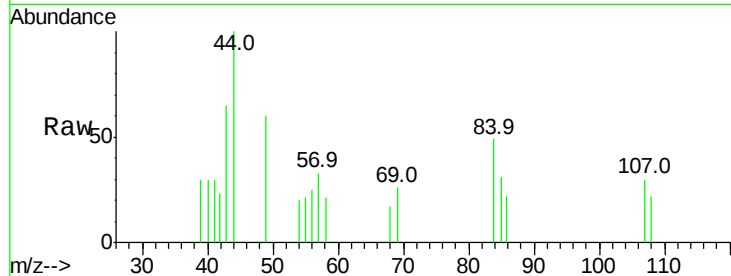




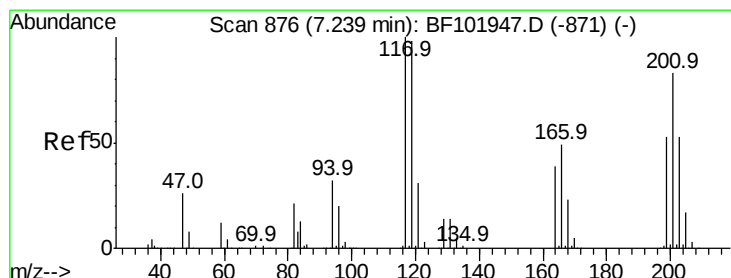
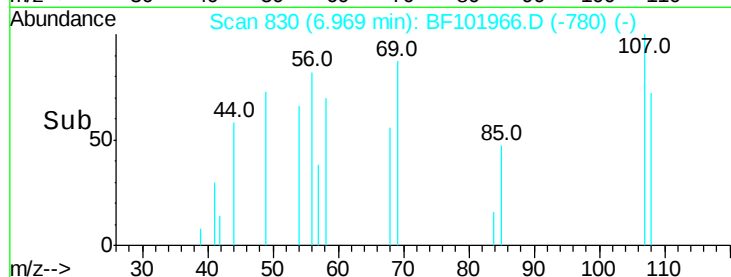
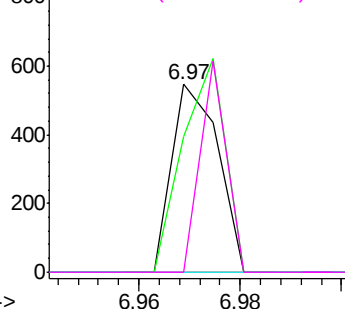
#17
2-Methylphenol
Concen: 0.025 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 347
Ion Ratio Lower Upper
107 100
108 72.0 91.7 137.5#
77 0.0 33.8 50.8#
79 0.0 33.8 50.8#

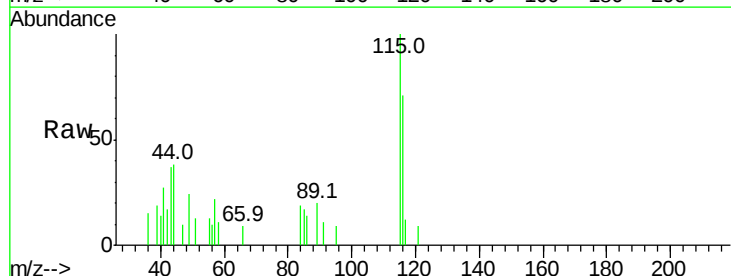


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

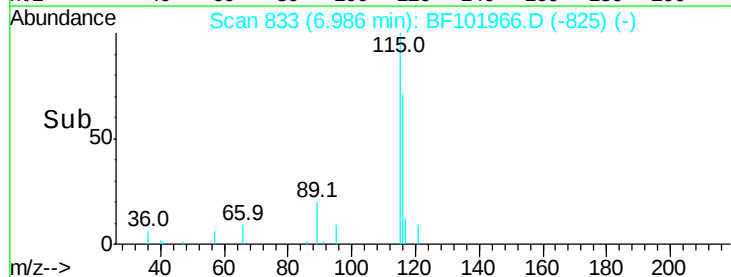
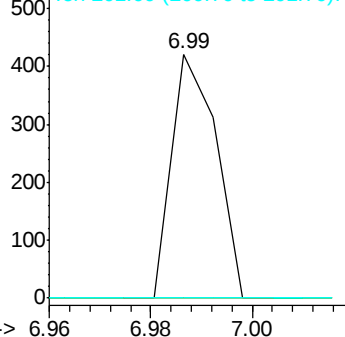


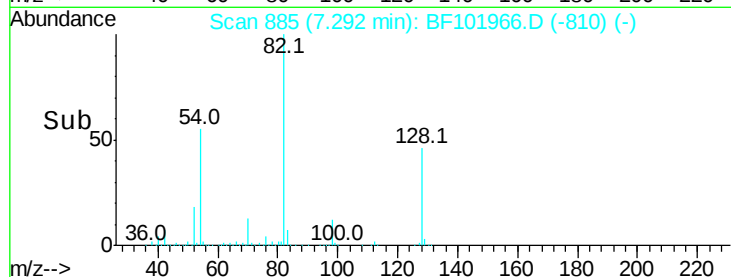
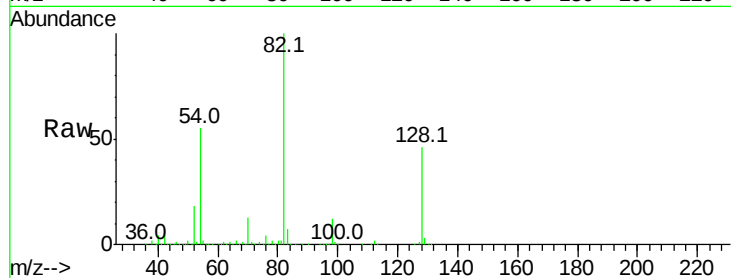
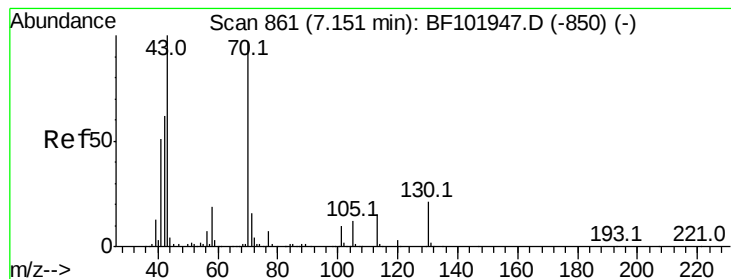
#18
Hexachloroethane
Concen: 0.042 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.25 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:117 Resp: 259
Ion Ratio Lower Upper
117 100
119 0.0 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: 10.134 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

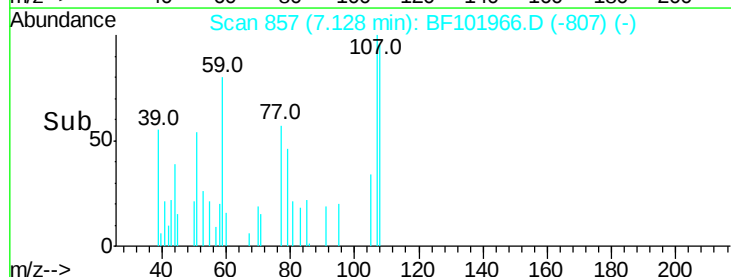
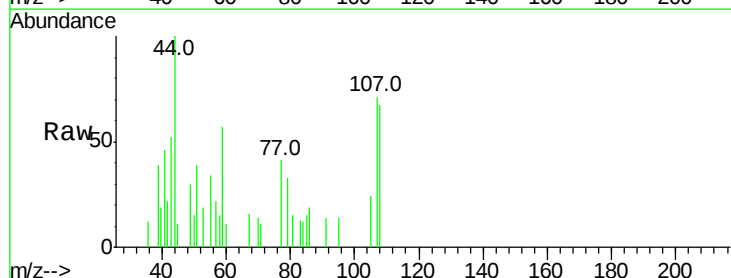
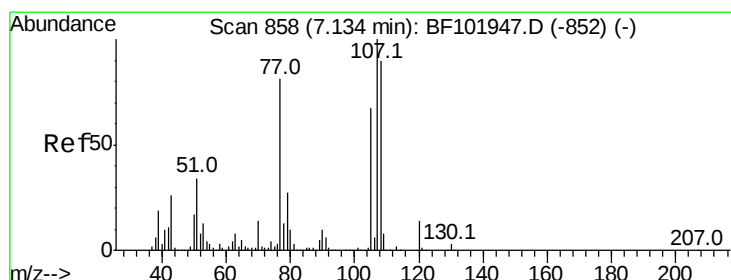
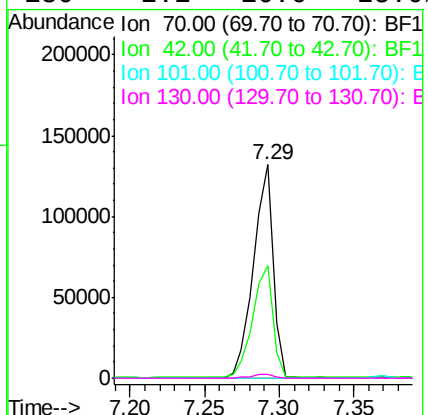
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 120631

Ion Ratio Lower Upper

70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2
130	2.1	16.6	25.0



#20

3+4-Methylphenols

Concen: 0.130 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

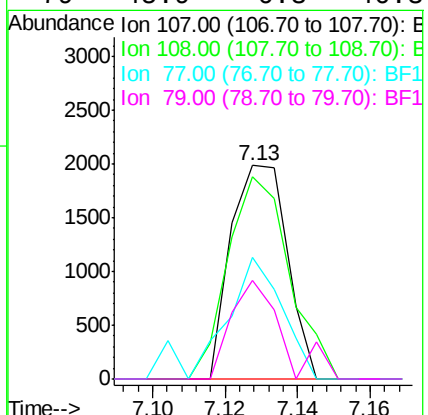
Lab File: BF101966.D

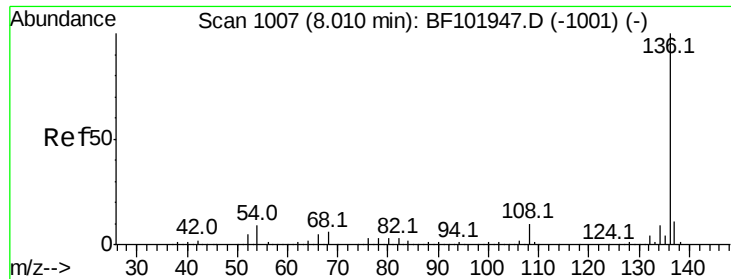
Acq: 9 Jan 2018 21:31

Tgt Ion: 107 Resp: 2150

Ion Ratio Lower Upper

107	100		
108	94.7	68.2	108.2
77	57.2	26.7	66.7
79	45.9	6.3	46.3

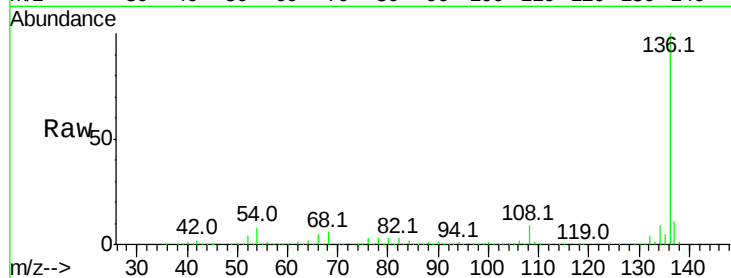




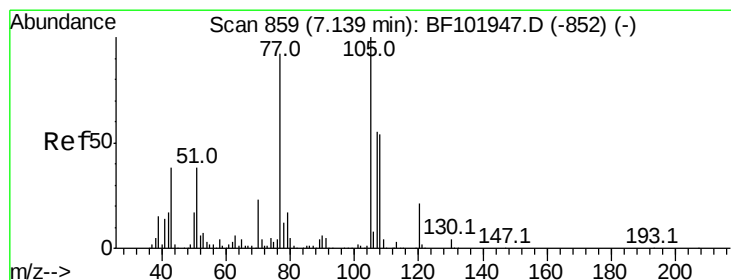
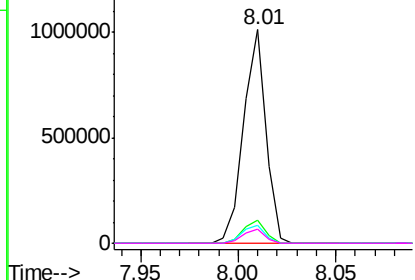
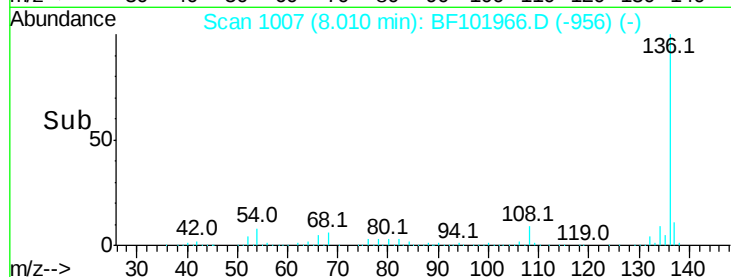
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	804125
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 8.4	6.6	9.8
68 6.3	5.0	7.4

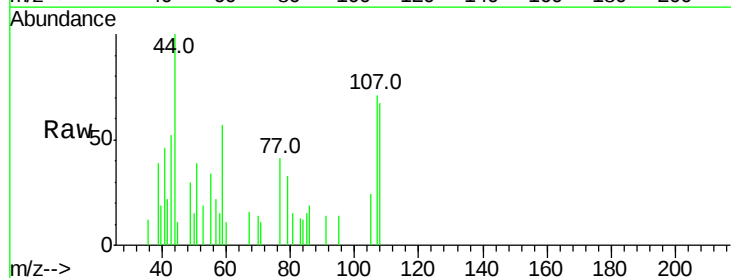


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

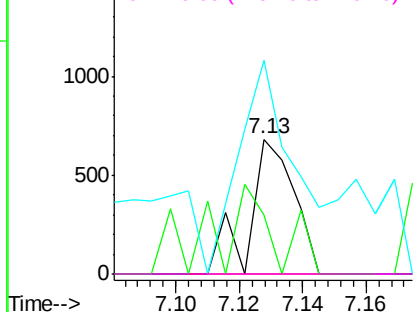
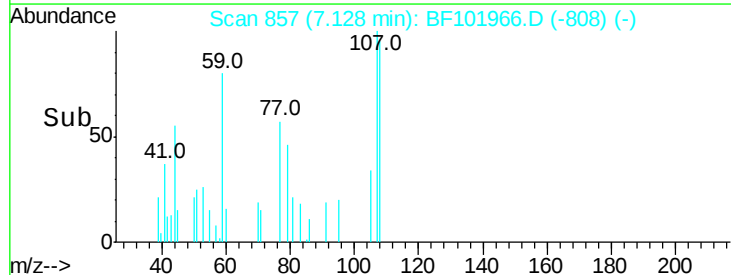


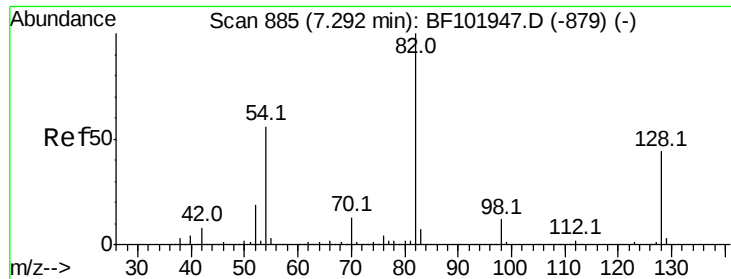
#22
Acetophenone
Concen: 0.035 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:105	Resp:	671
Ion Ratio	Lower	Upper
105 100		
71 44.1	4.4	6.6#
51 158.4	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

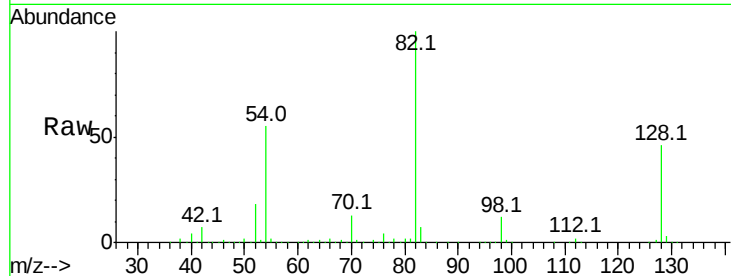




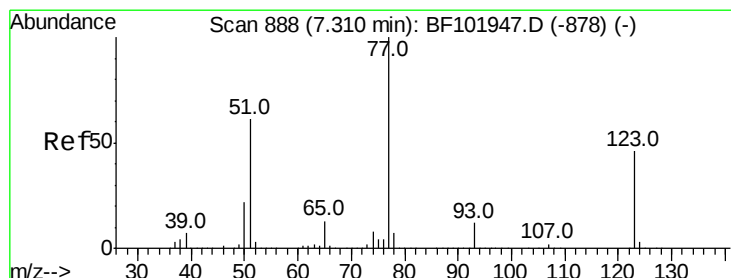
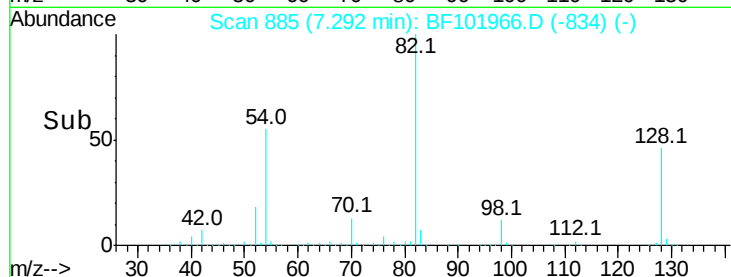
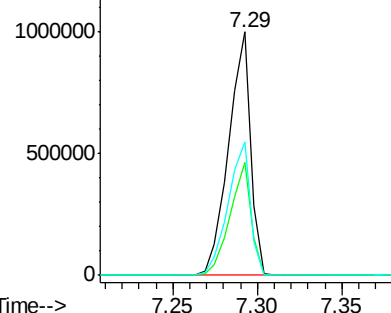
#23
Nitrobenzene-d5
Concen: 66.486 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	909789
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.9	41.4	62.2

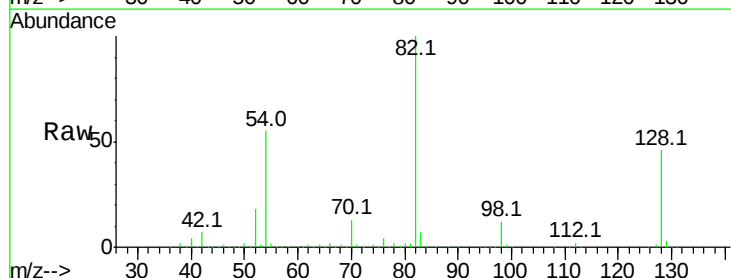


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

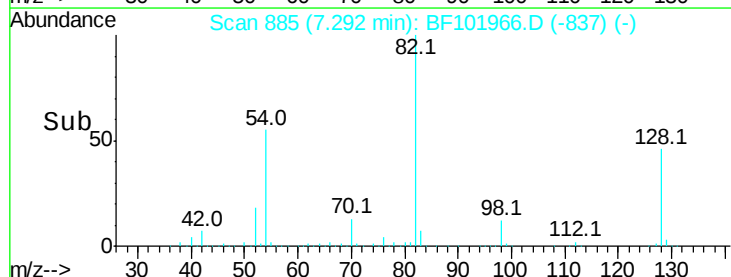
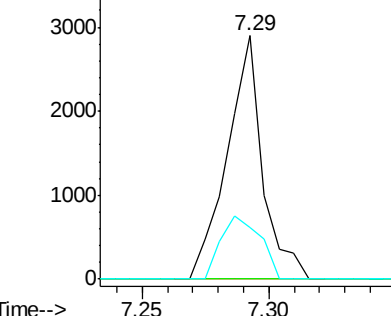


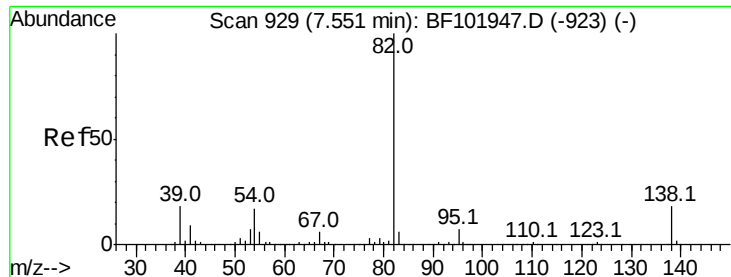
#24
Nitrobenzene
Concen: 0.192 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion	77	Resp	2820
Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	21.2	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: 33.574 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

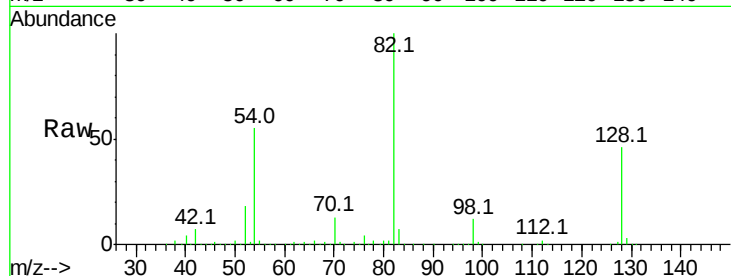
Tot Ion: 82 Resp: 907780

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

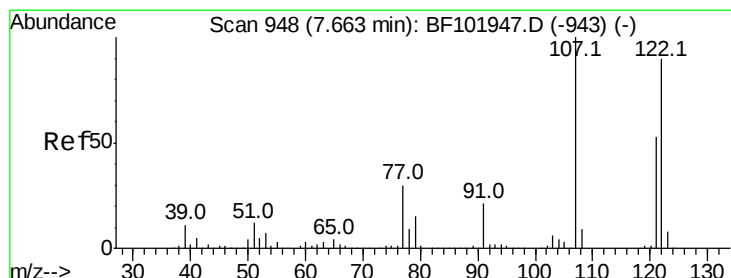
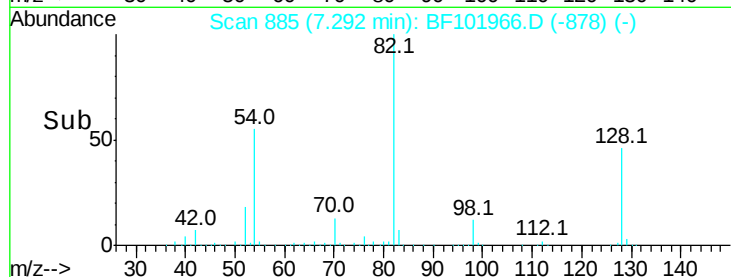
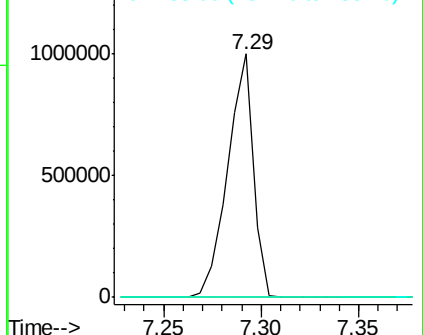
138 0.0 14.9 22.3#



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



#27

2,4-Dimethylphenol

Concen: 0.015 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

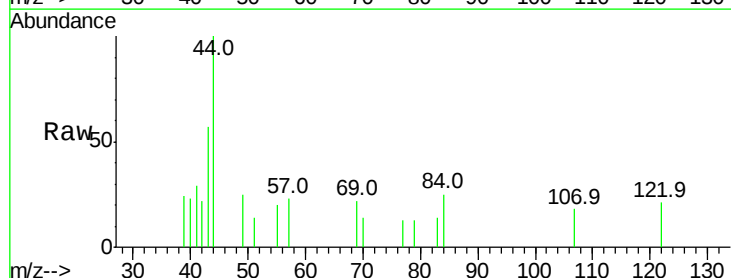
Tgt Ion:122 Resp: 177

Ion Ratio Lower Upper

122 100

107 86.0 91.2 136.8#

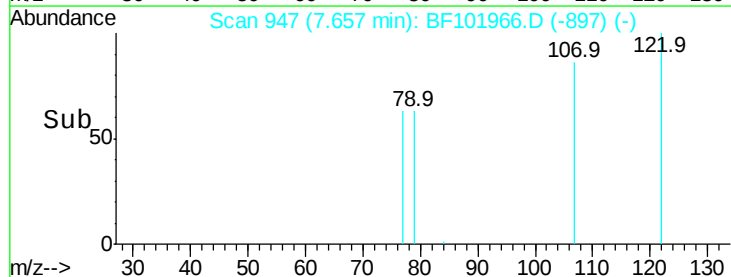
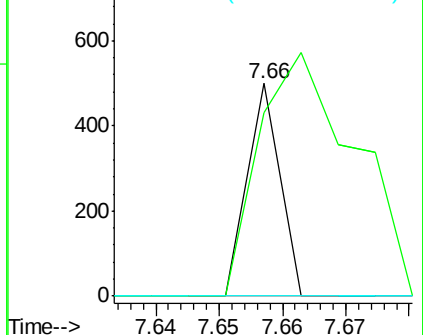
121 0.0 47.2 70.8#

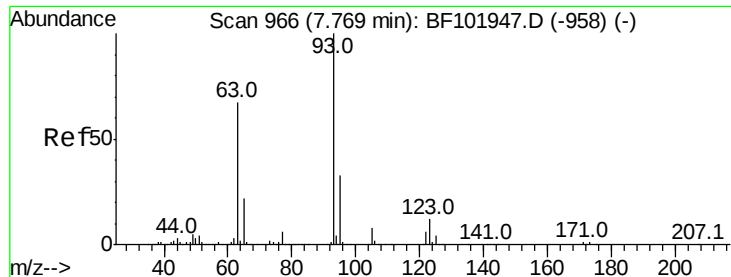


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

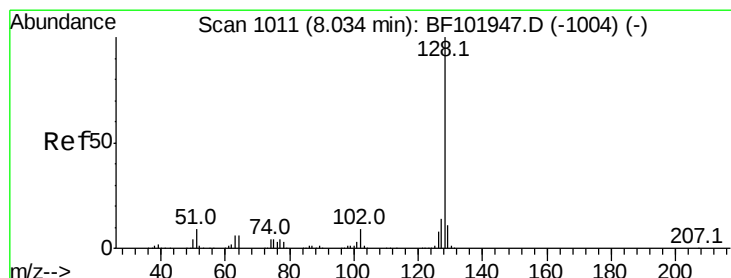
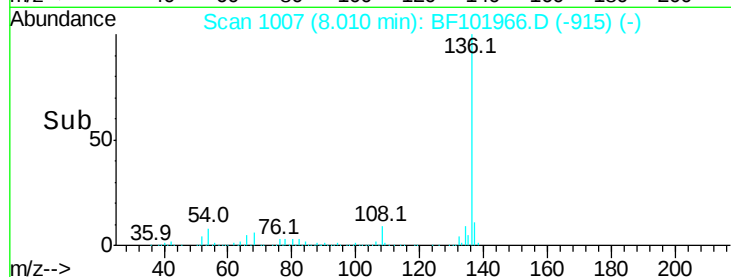
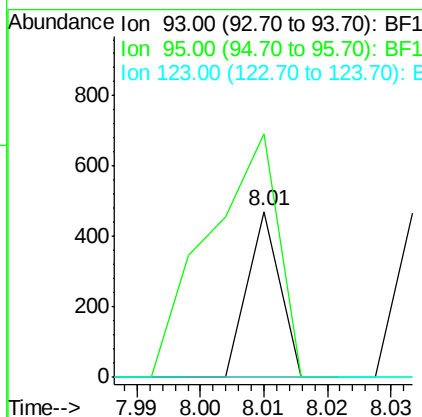
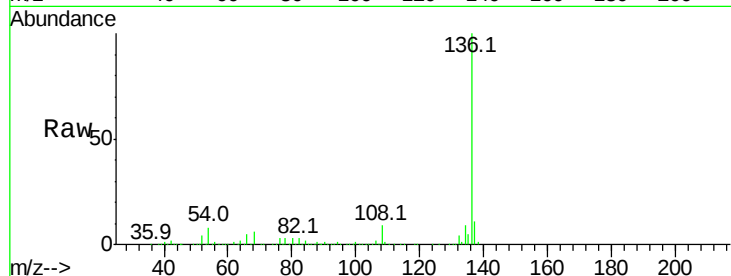




#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.24 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

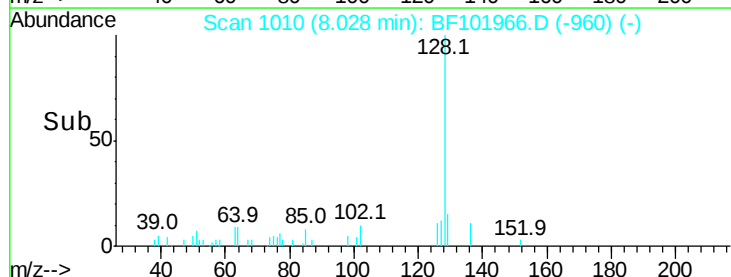
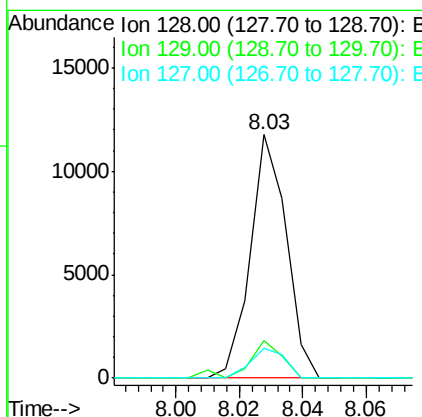
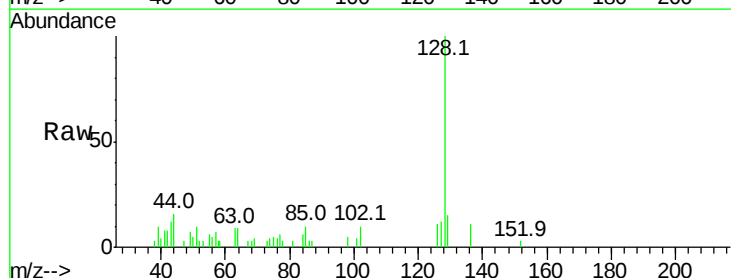
Instrument :
BNA_F
ClientSampled :

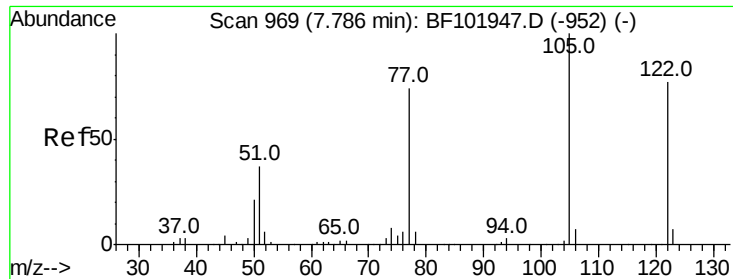
Tot Ion: 93 Resp: 166
Ion Ratio Lower Upper
93 100
95 146.6 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.231 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:128 Resp: 9276
Ion Ratio Lower Upper
128 100
129 15.4 8.8 13.2#
127 12.4 10.9 16.3





#32

Benzoic acid

Concen: 0.037 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.09 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

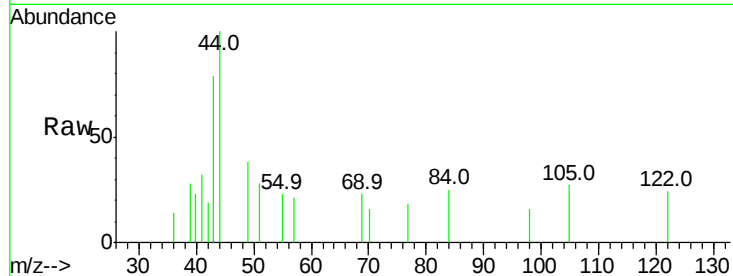
Tot Ion:122 Resp: 322

Ion Ratio Lower Upper

122 100

105 115.6 101.1 141.1

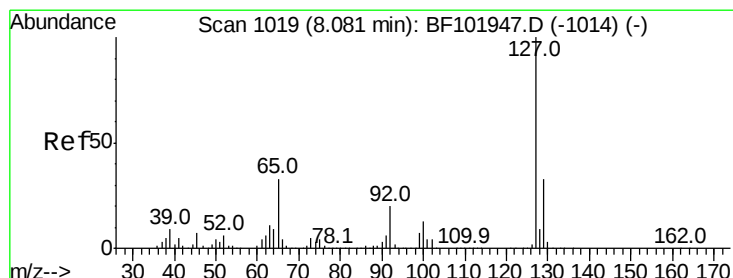
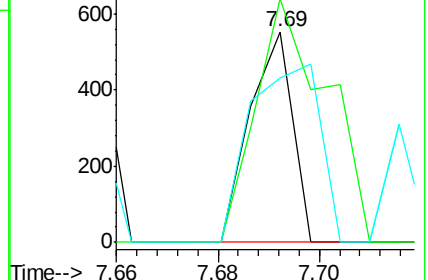
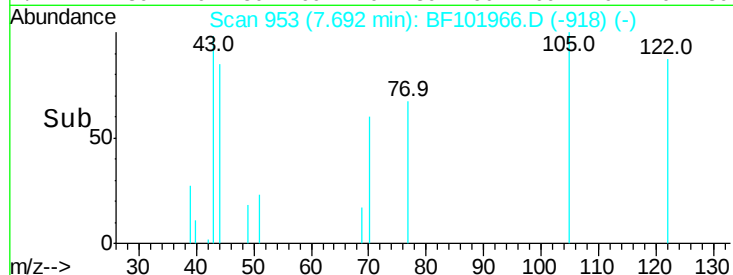
77 77.8 70.7 110.7



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: 0.064 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Tgt Ion:127 Resp: 1096

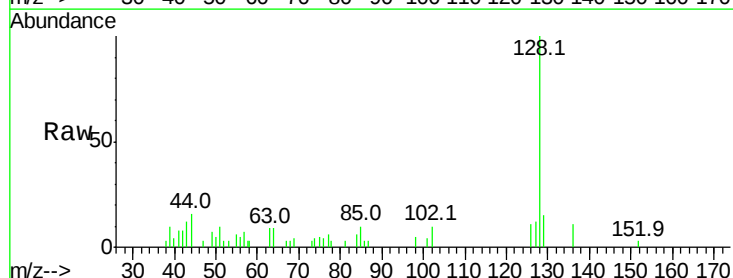
Ion Ratio Lower Upper

127 100

129 124.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

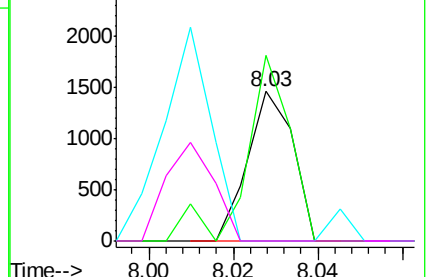
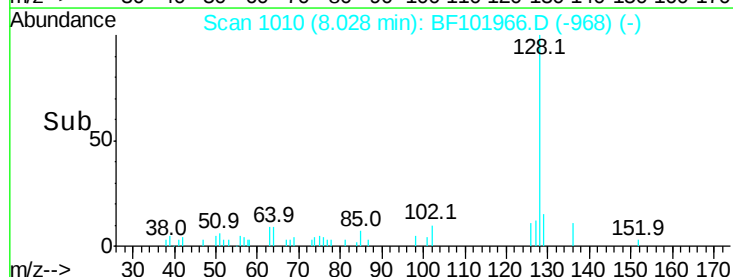


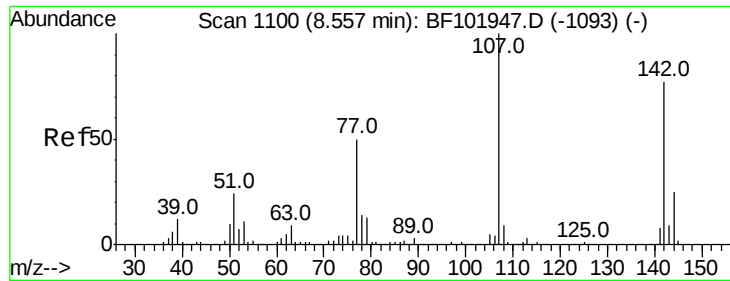
Abundance Ion 127.00 (126.70 to 127.70): E

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

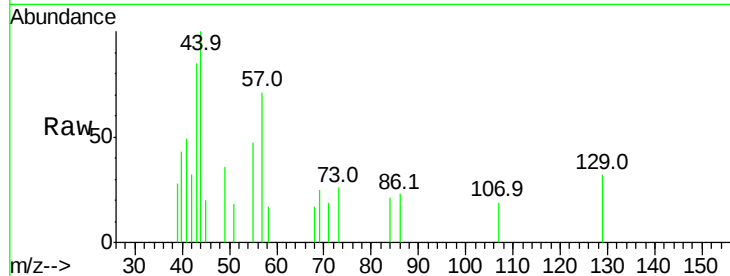




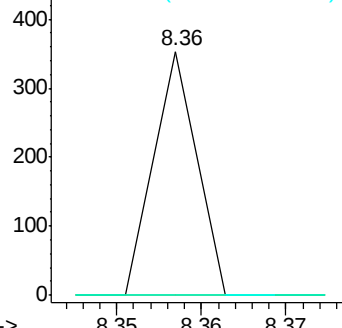
#36
 4-Chloro-3-methylphenol
 Concen: 0.010 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.20 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

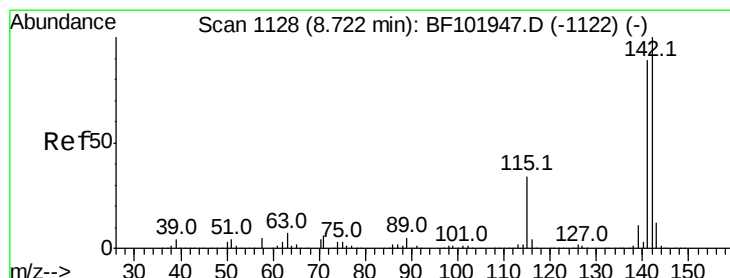
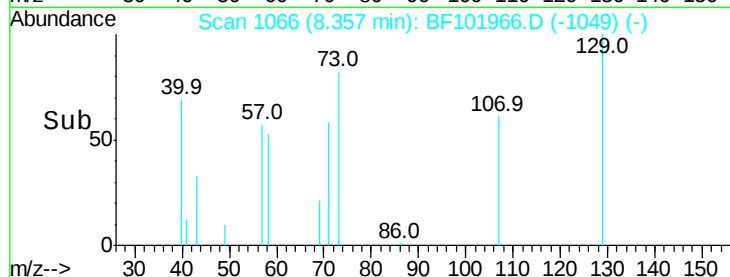
Tot Ion:107 Resp: 124
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#



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

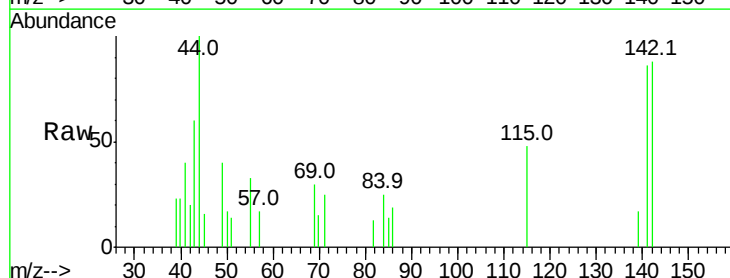


Time-->

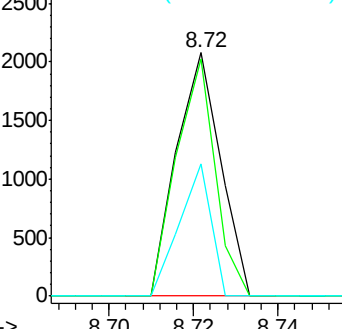


#37
 2-Methylnaphthalene
 Concen: 0.057 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

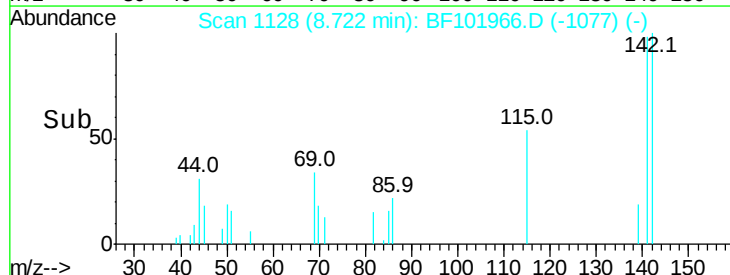
Tgt Ion:142 Resp: 1500
 Ion Ratio Lower Upper
 142 100
 141 97.5 70.8 106.2
 115 54.4 26.1 39.1#

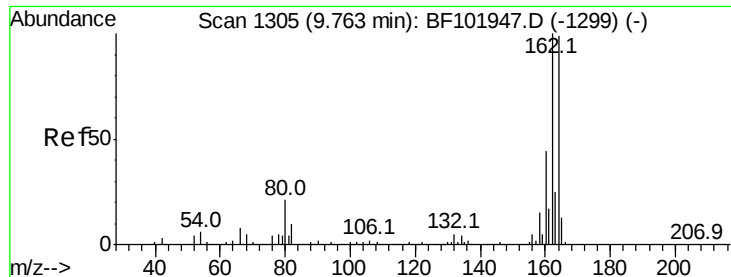


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

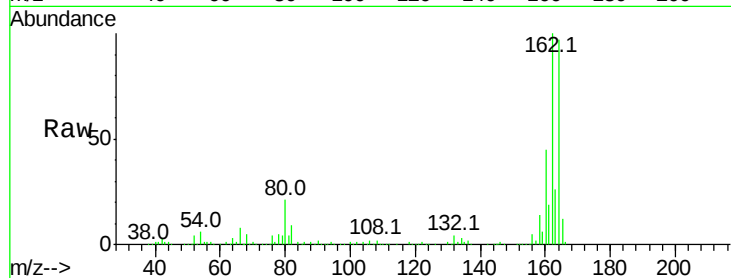
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 282607

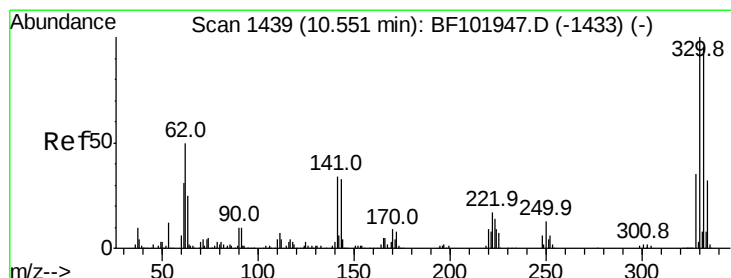
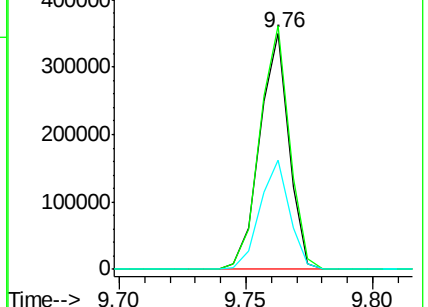
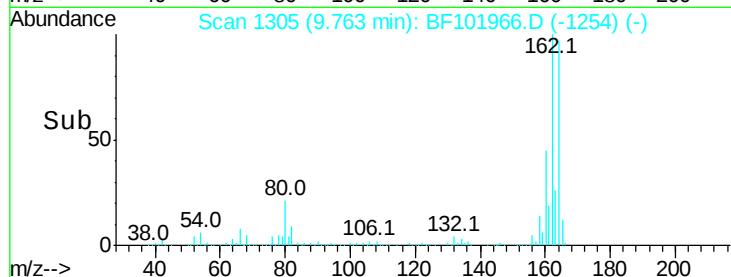
Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.5	38.3	57.5



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



#41

2,4,6-Tribromophenol

Concen: 72.893 ng

RT: 10.55 min Scan# 1438

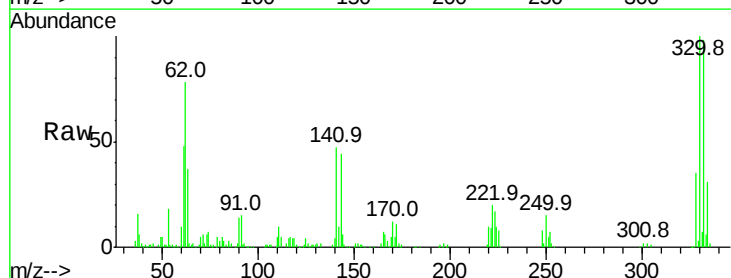
Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Tgt Ion:330 Resp: 179773

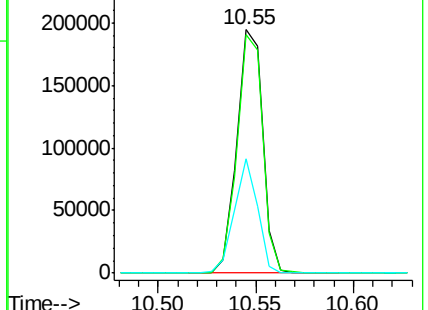
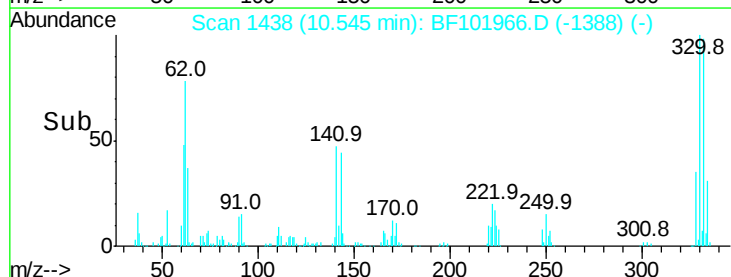
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	42.1	29.9	44.9

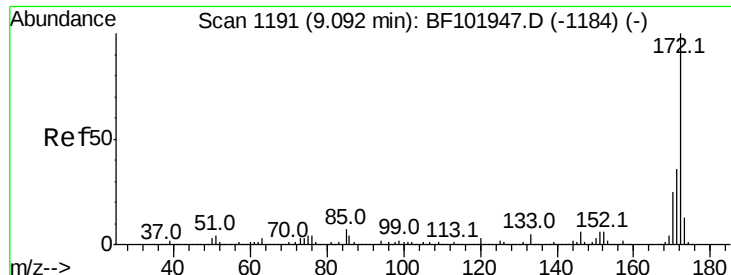


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



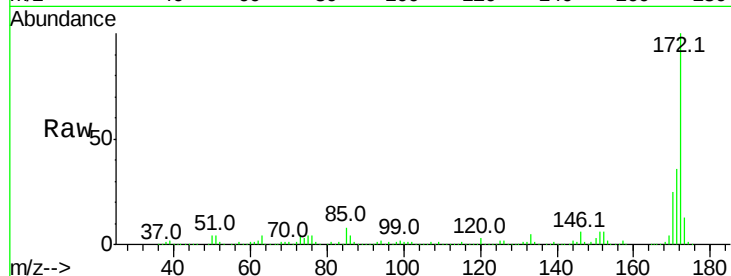


#44
 2-Fluorobiphenyl
 Concen: 65.028 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

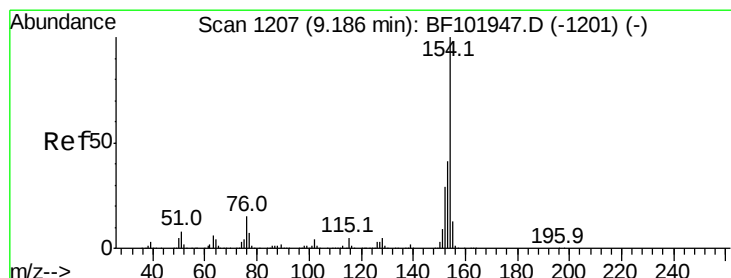
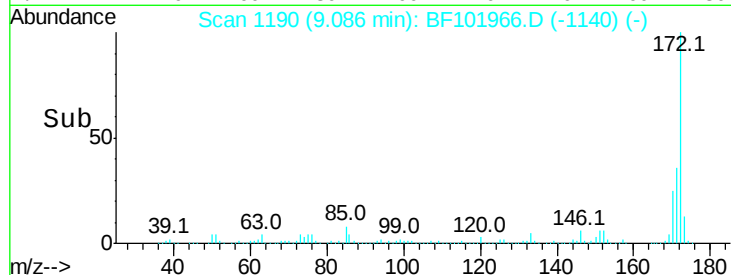
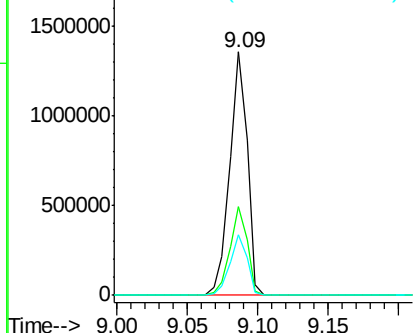
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1176332

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4



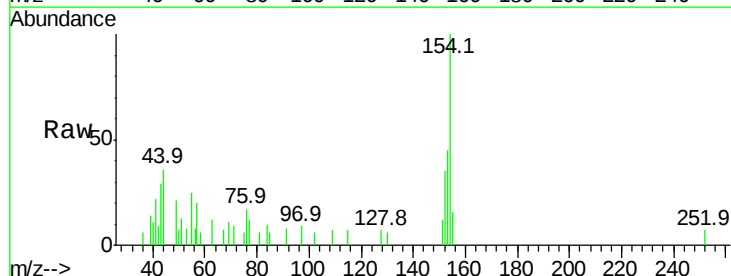
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



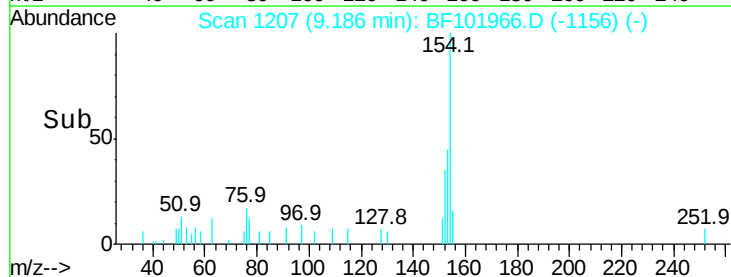
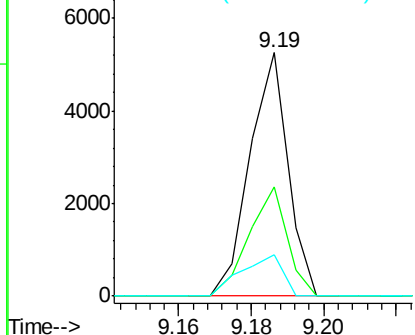
#45
 1,1'-Biphenyl
 Concen: 0.153 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

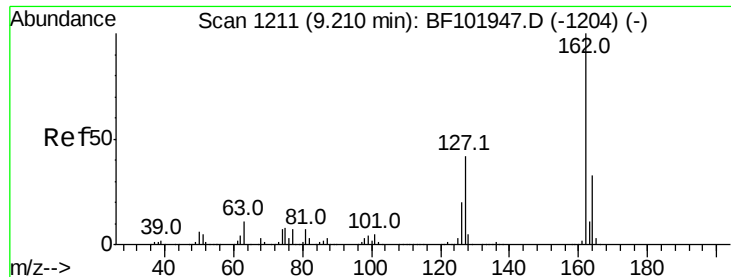
Tgt Ion:154 Resp: 3830

Ion	Ratio	Lower	Upper
154	100		
153	44.8	21.3	61.3
76	17.1	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

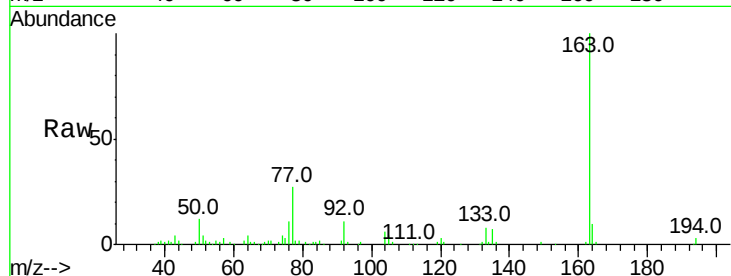




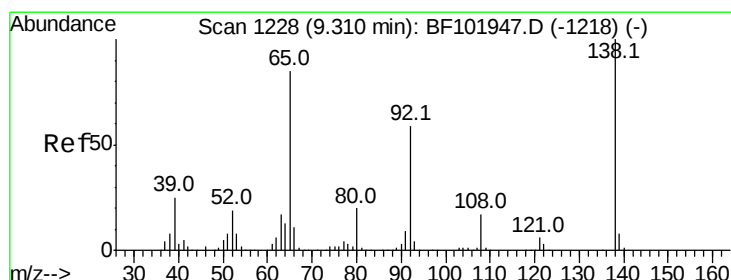
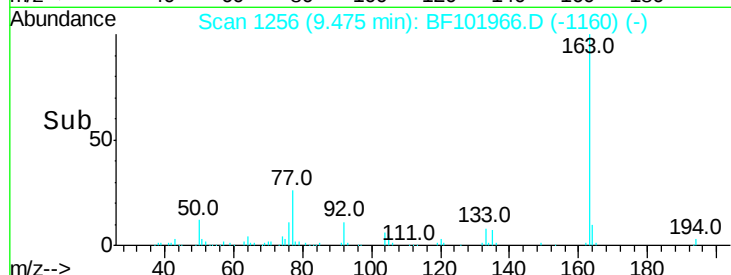
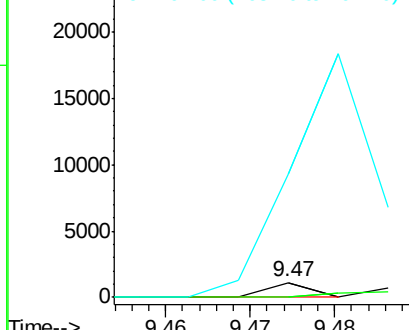
#46
 2-Chloronaphthalene
 Concen: 0.020 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.26 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 392
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 834.8 26.5 39.7#

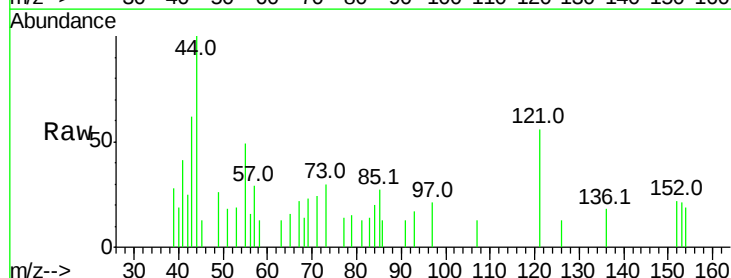


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

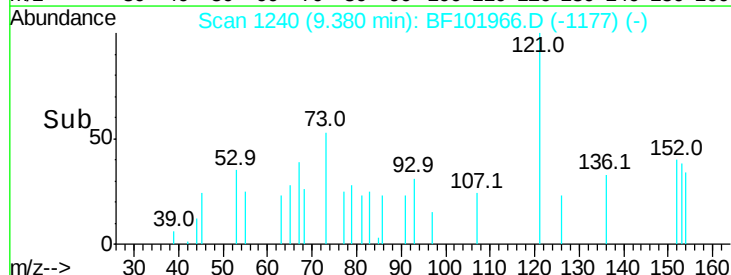
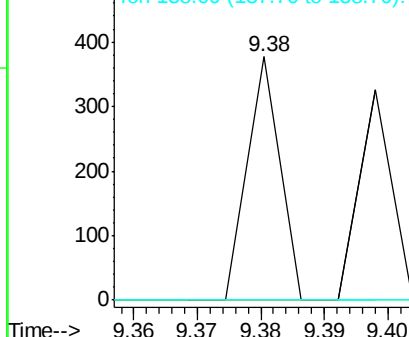


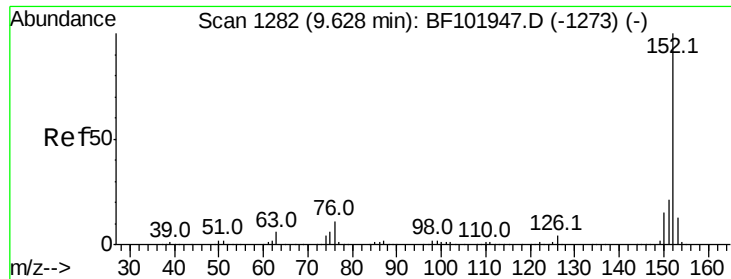
#47
 2-Nitroaniline
 Concen: 0.023 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.07 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Tgt Ion: 65 Resp: 133
 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): E

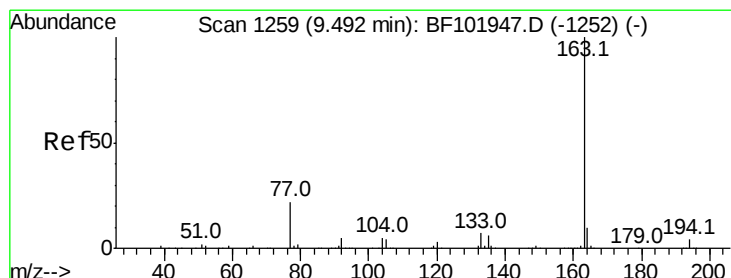
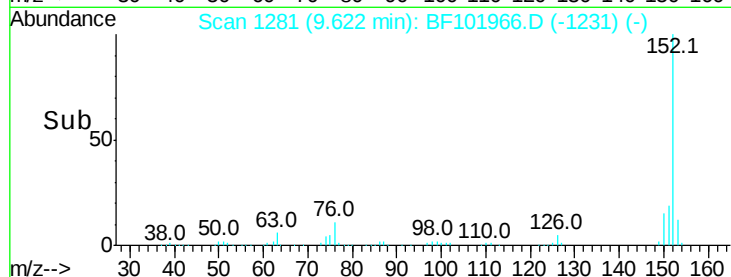
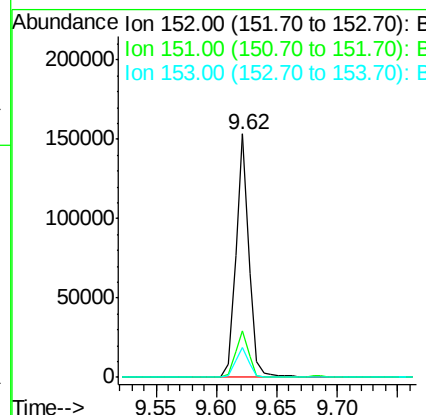
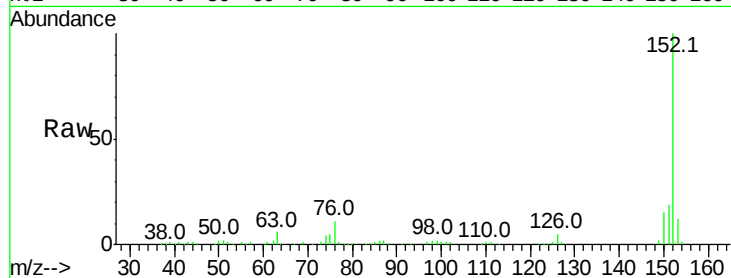




#48
Acenaphthylene
Concen: 3.734 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

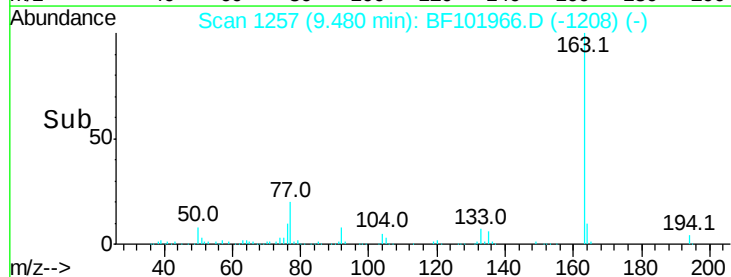
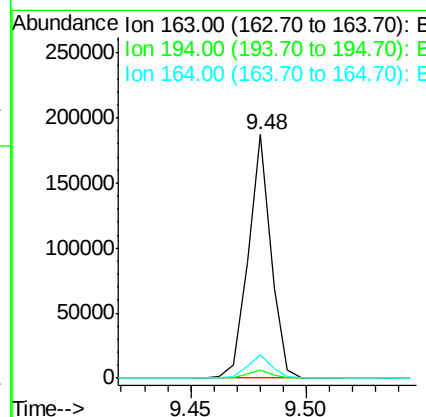
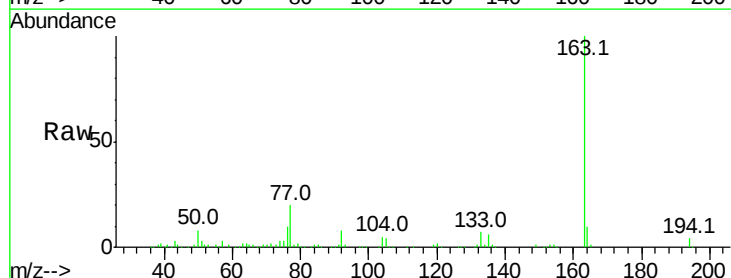
Instrument :
BNA_F
ClientSampleId :

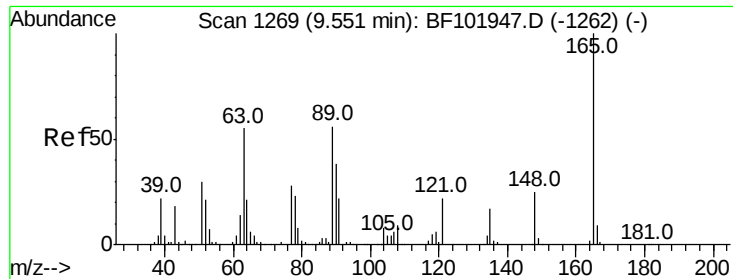
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	12.5	10.7	16.1



#49
Dimethylphthalate
Concen: 5.665 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

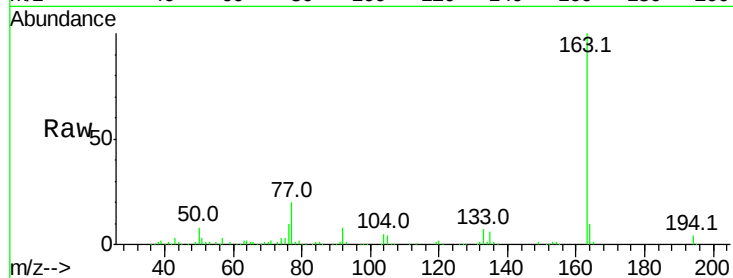




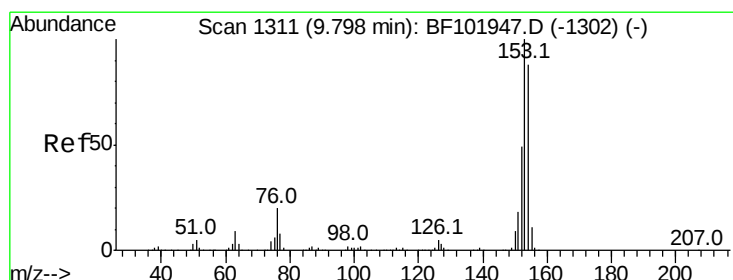
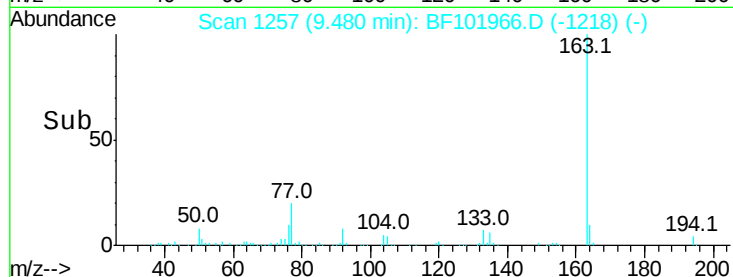
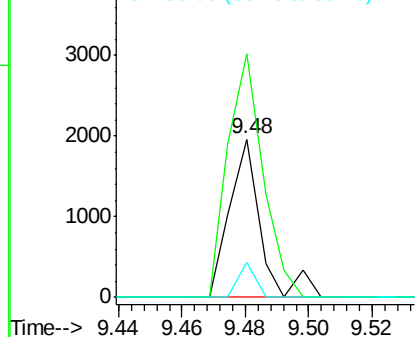
#50
2,6-Dinitrotoluene
Concen: 0.292 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1324
Ion Ratio Lower Upper
165 100
63 153.8 44.7 67.1#
89 22.3 44.0 66.0#

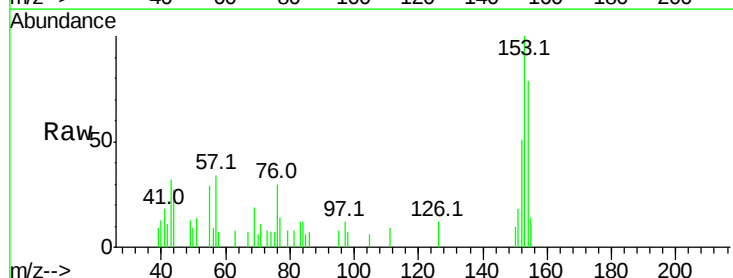


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

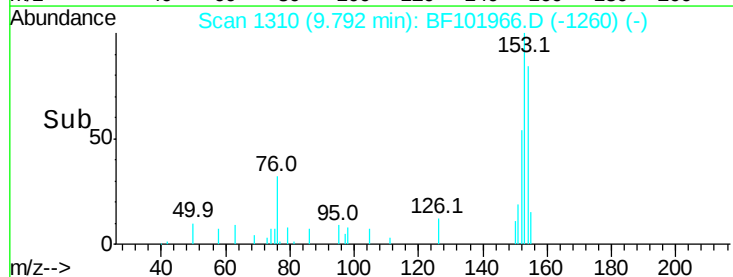
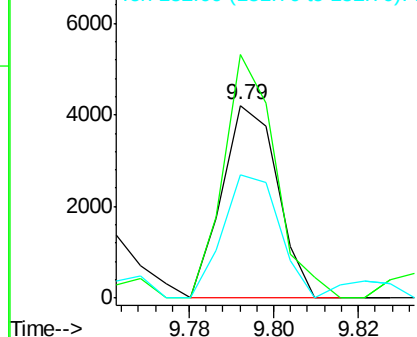


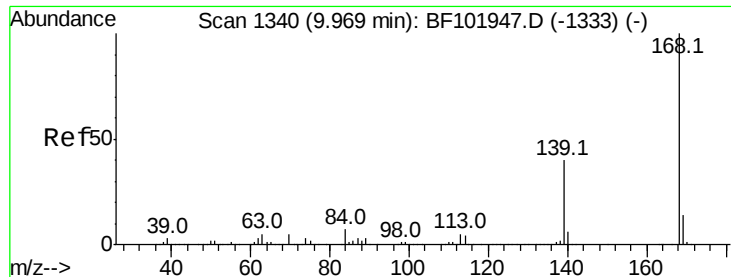
#51
Acenaphthene
Concen: 0.204 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:154 Resp: 3814
Ion Ratio Lower Upper
154 100
153 126.4 91.2 136.8
152 64.0 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

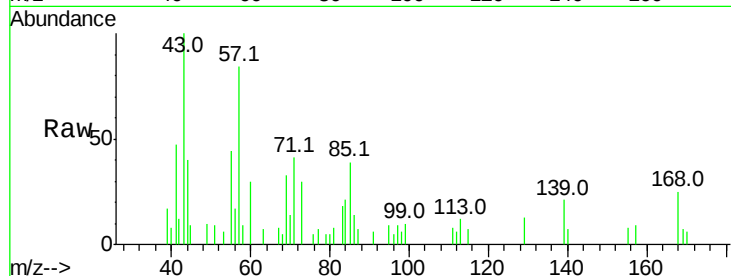




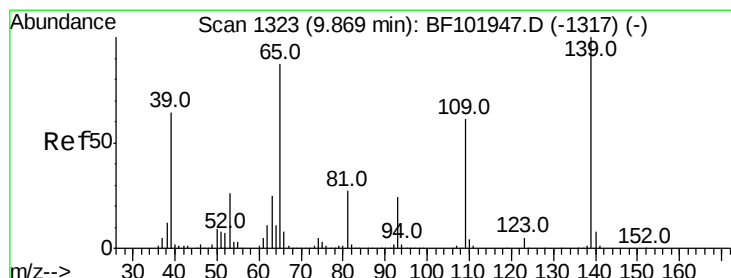
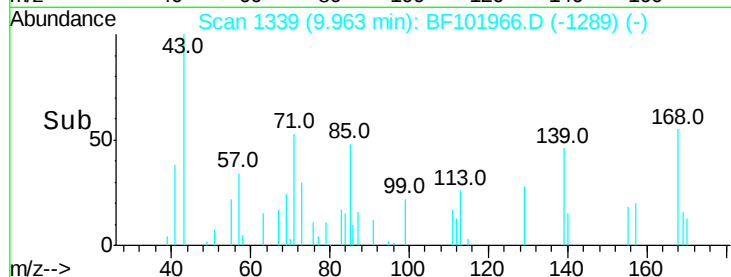
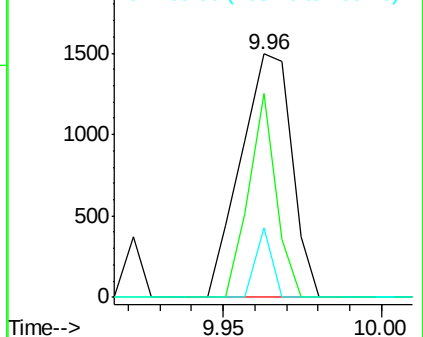
#54
Dibenzofuran
Concen: 0.065 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1667
Ion Ratio Lower Upper
168 100
139 83.5 30.1 45.1#
169 28.4 10.9 16.3#

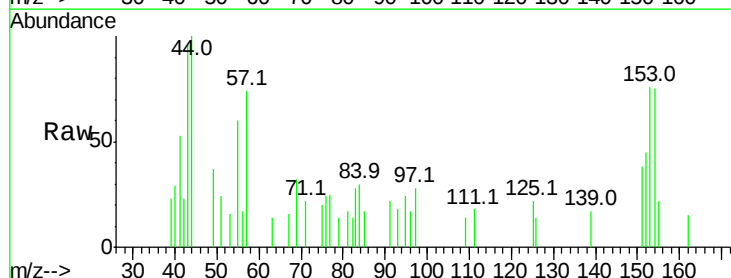


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

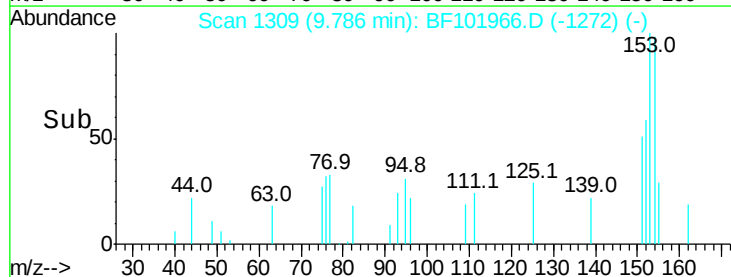
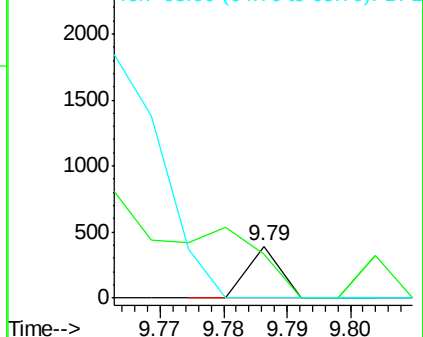


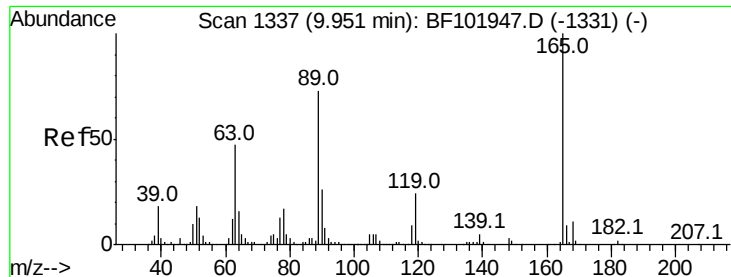
#55
4-Nitrophenol
Concen: 0.032 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 84.7 48.4 88.4
65 0.0 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

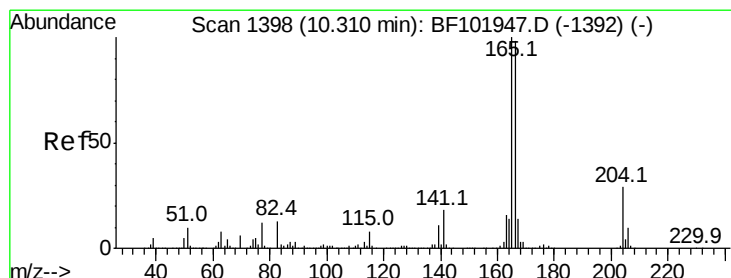
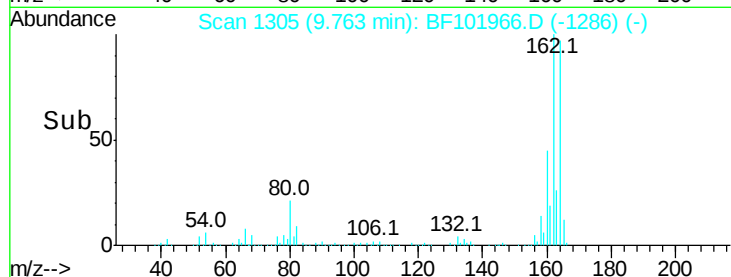
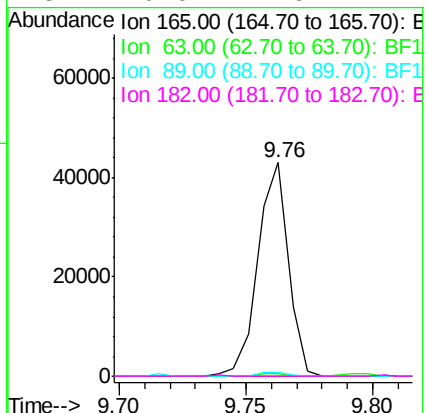
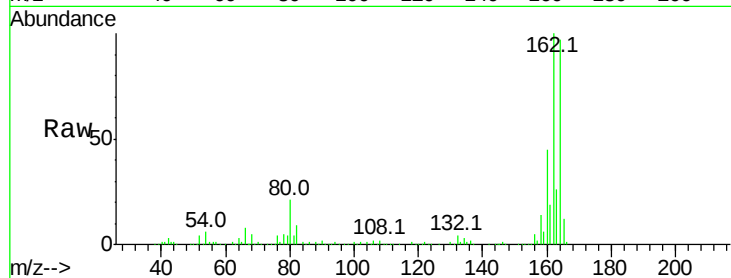




#56
 2,4-Dinitrotoluene
 Concen: 6.406 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

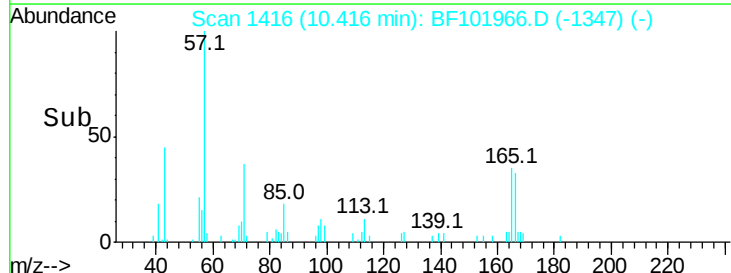
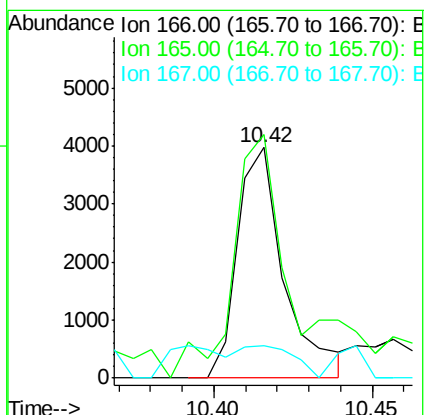
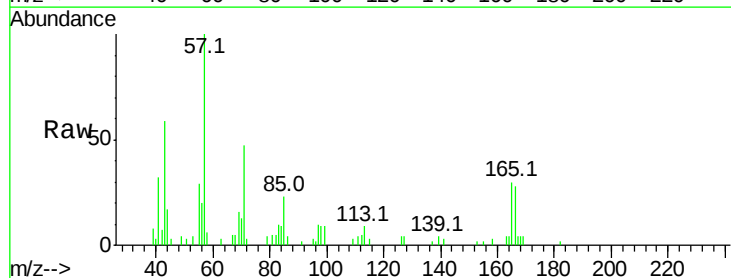
Instrument :
 BNA_F
 ClientSampleId :

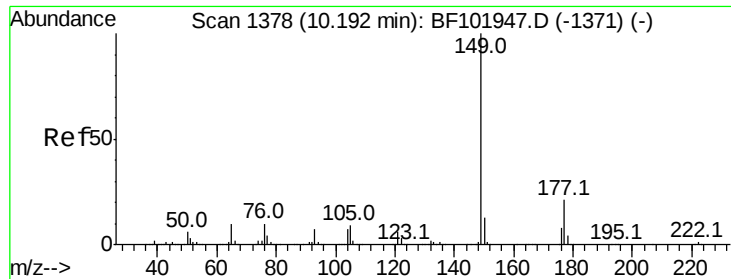
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 0.229 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.11 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.8	119.8
167	14.0	10.6	16.0

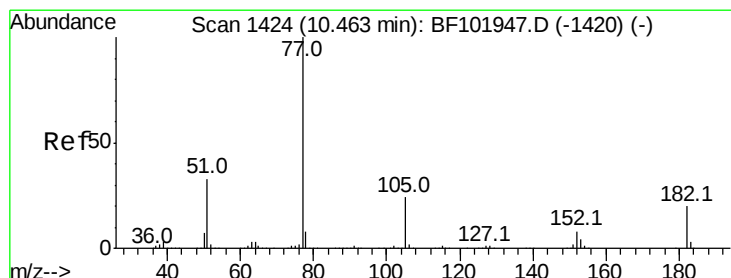
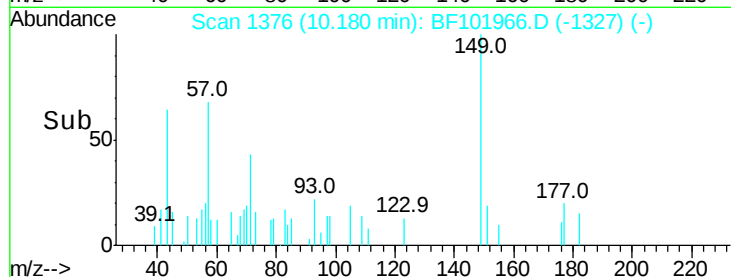
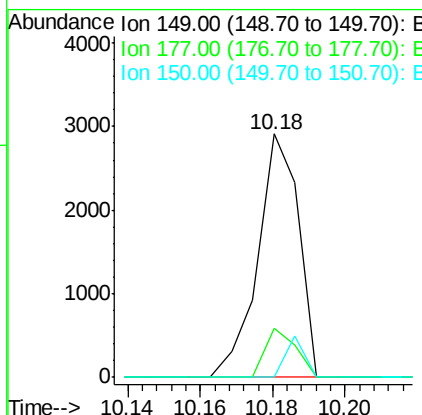
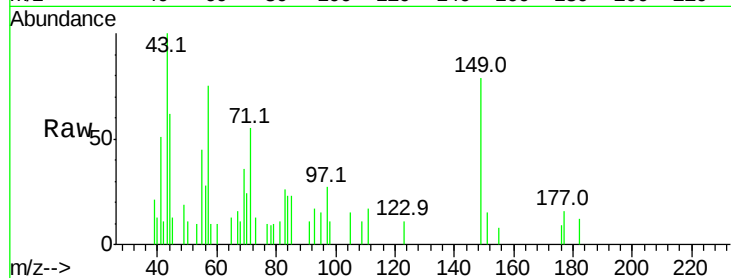




#59
Diethylphthalate
Concen: 0.101 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

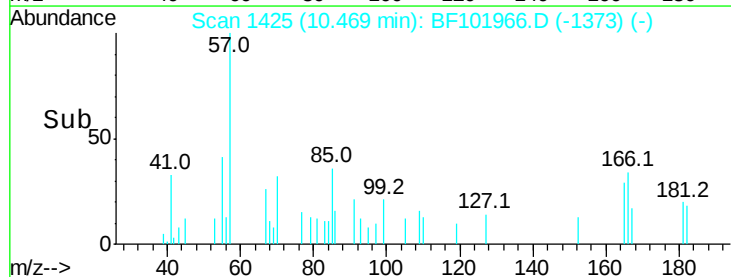
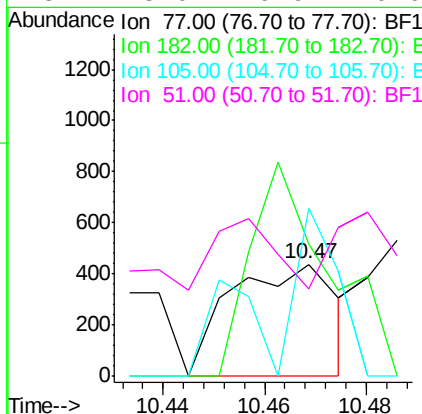
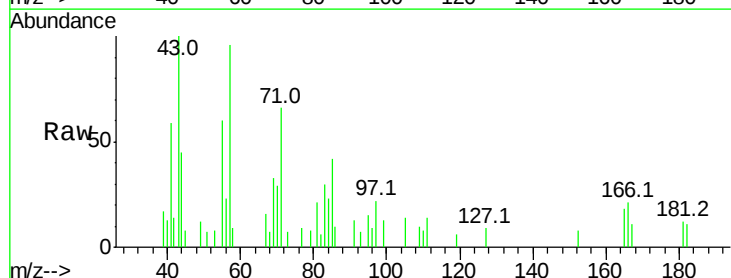
Instrument :
BNA_F
ClientSampleId :

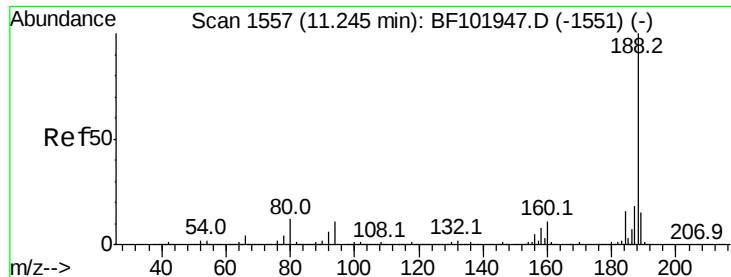
Tot Ion:149 Resp: 2285
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.028 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion: 77 Resp: 630
Ion Ratio Lower Upper
77 100
182 117.8 1.7 41.7#
105 150.3 3.0 43.0#
51 78.0 9.9 49.9#

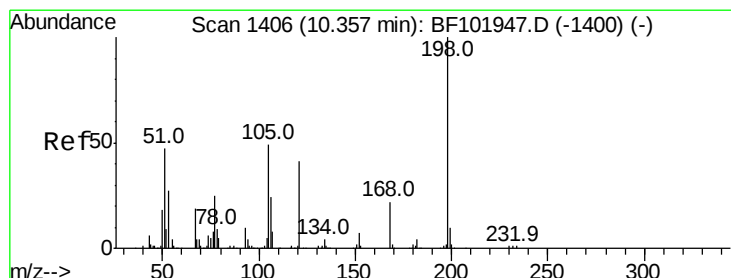
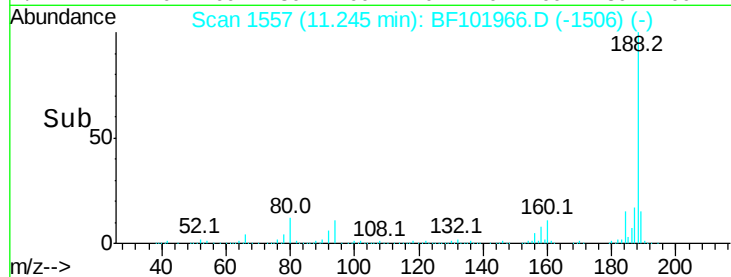
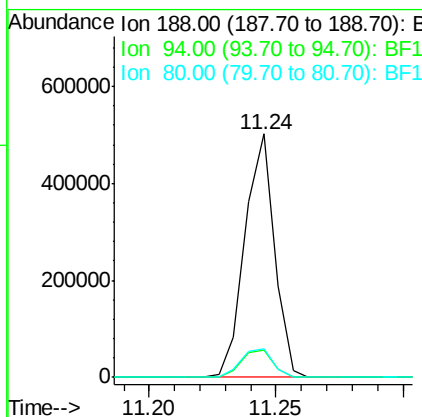
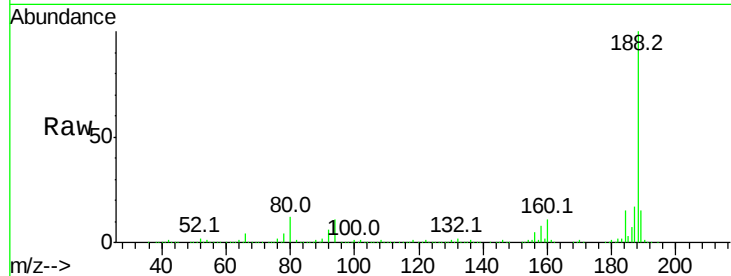




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

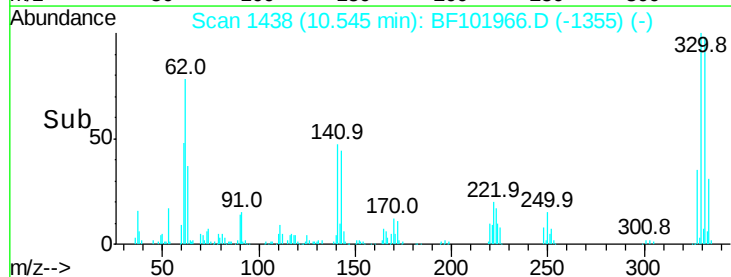
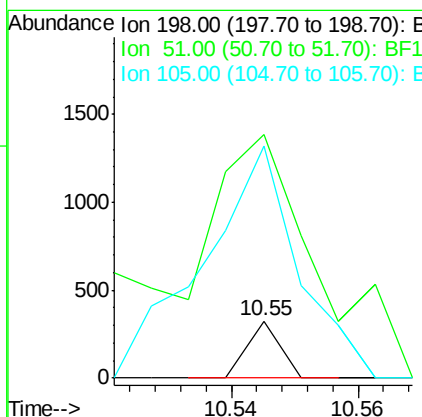
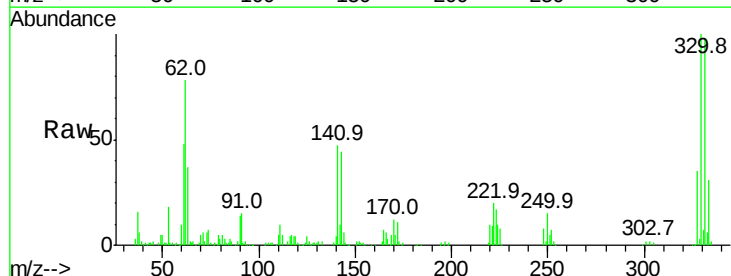
Instrument :
 BNA_F
 ClientSampleId :

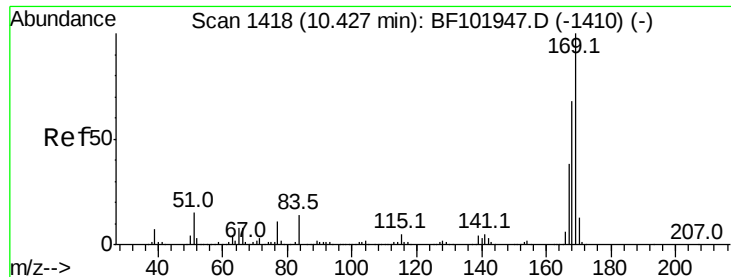
Tot Ion:188 Resp: 408497
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.708 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Tgt Ion:198 Resp: 114
 Ion Ratio Lower Upper
 198 100
 51 428.8 37.7 77.7#
 105 408.7 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 0.027 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampled :

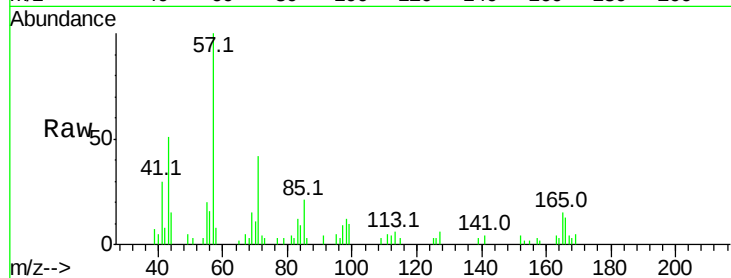
Tot Ion:169 Resp: 418

Ion Ratio Lower Upper

169 100

168 52.8 54.4 81.6#

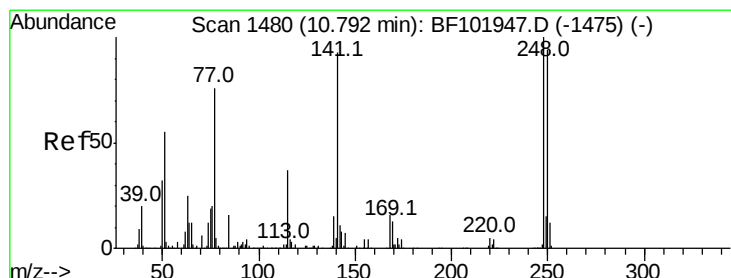
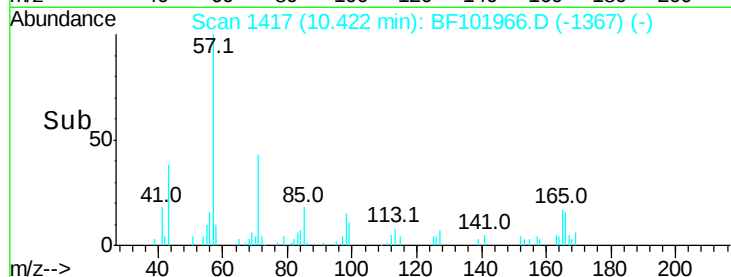
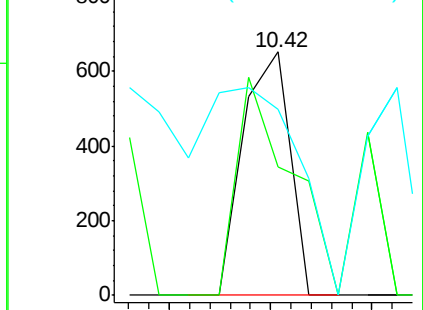
167 76.5 29.8 44.6#



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: 3.001 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

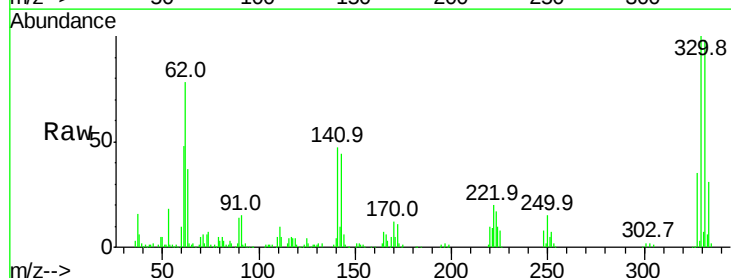
Tgt Ion:248 Resp: 12948

Ion Ratio Lower Upper

248 100

250 187.4 76.9 115.3#

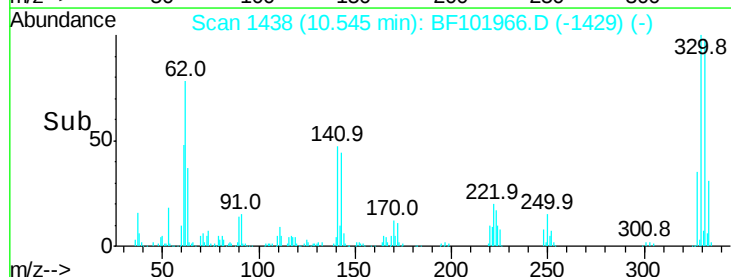
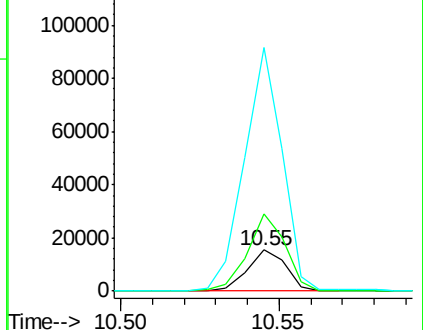
141 591.2 74.4 111.6#

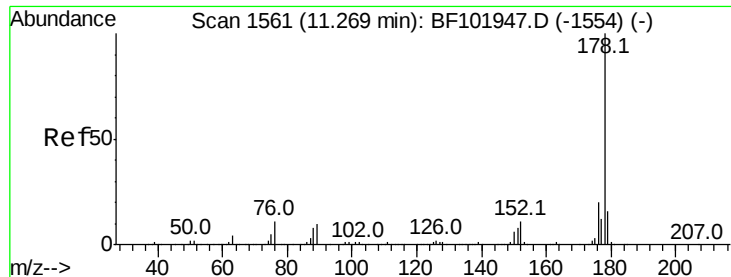


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

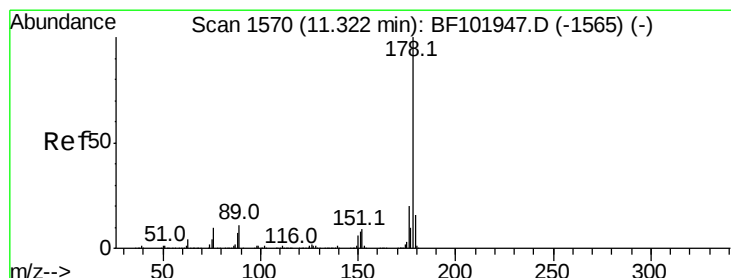
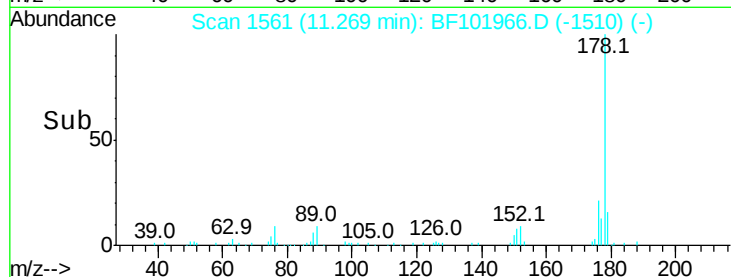
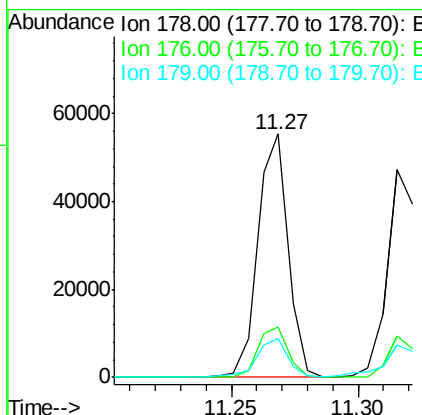
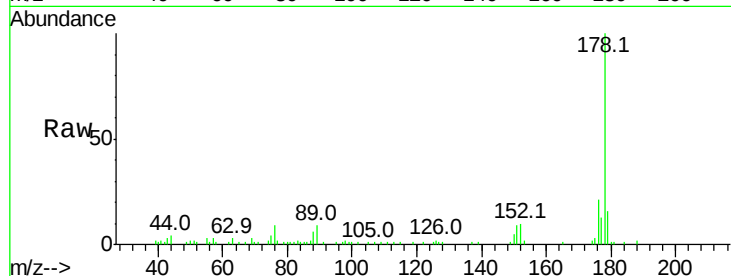




#70
 Phenanthrene
 Concen: 1.928 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

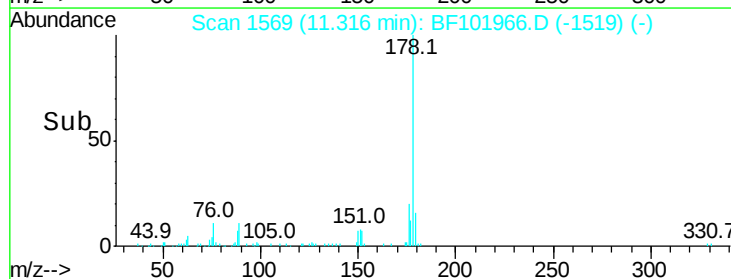
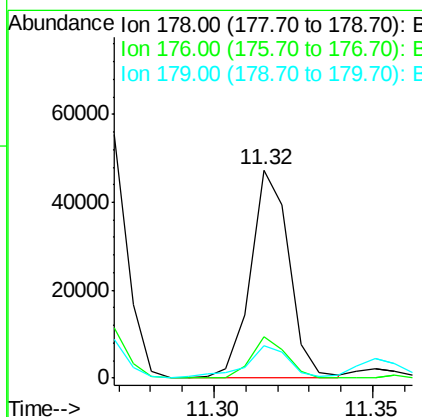
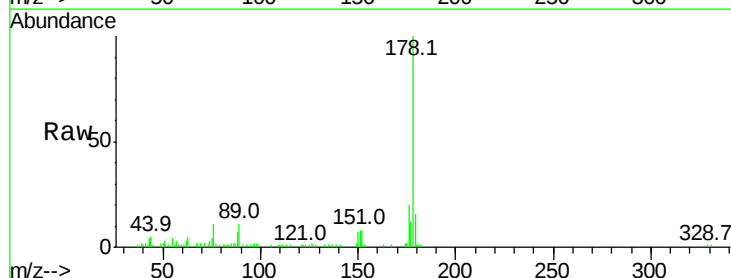
Instrument :
 BNA_F
 ClientSampleId :

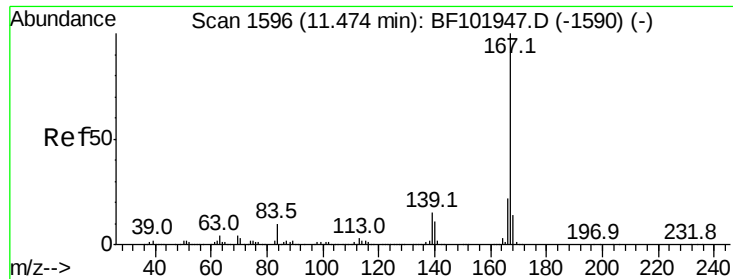
Tot Ion:178 Resp: 46003
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 16.1 13.0 19.6



#71
 Anthracene
 Concen: 1.653 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Tgt Ion:178 Resp: 40001
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0





#72

Carbazole

Concen: 0.499 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

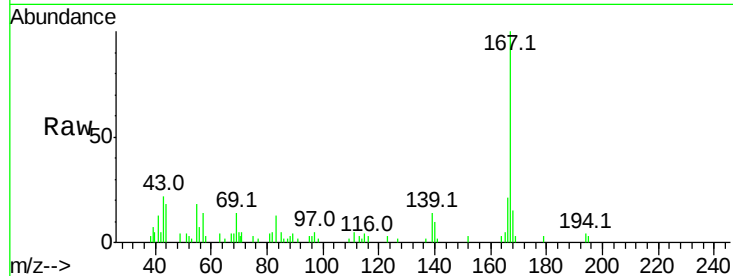
Tot Ion:167 Resp: 11874

Ion Ratio Lower Upper

167 100

166 20.8 17.6 26.4

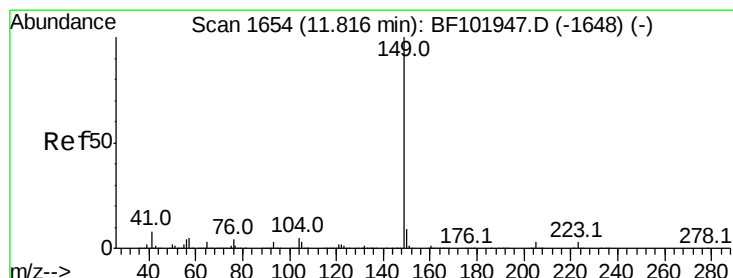
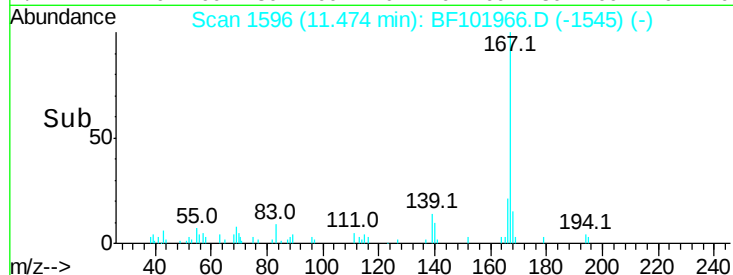
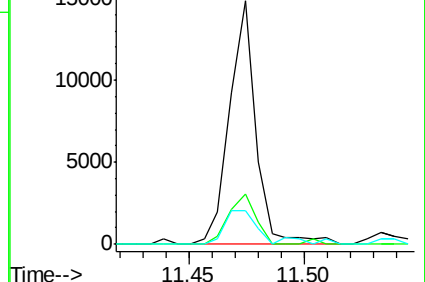
139 13.9 10.9 16.3



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: 0.060 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

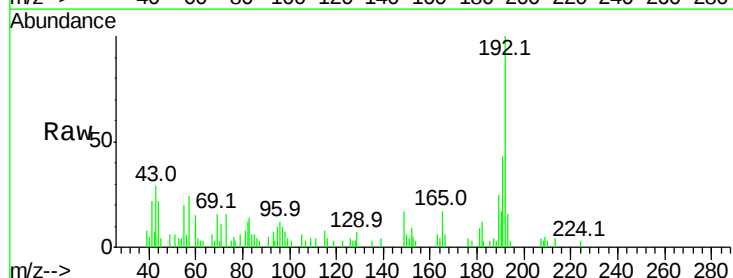
Tgt Ion:149 Resp: 1752

Ion Ratio Lower Upper

149 100

150 35.9 7.8 11.6#

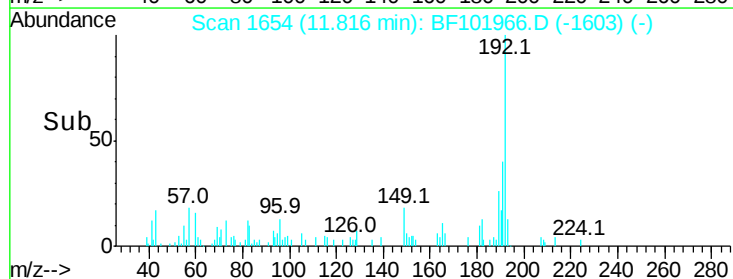
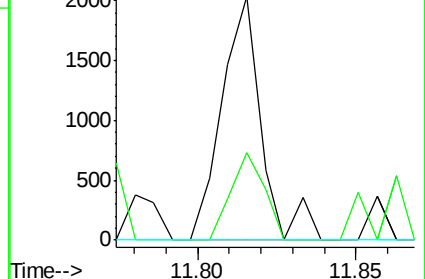
104 0.0 3.8 5.8#

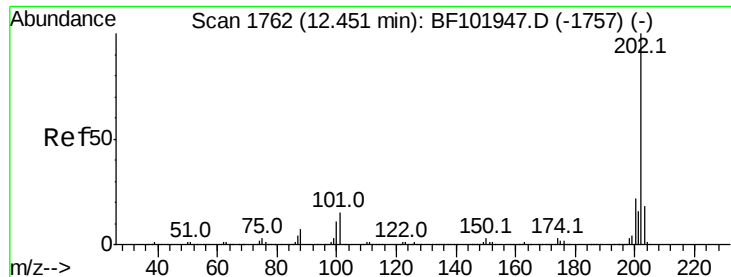


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 28.018 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampled :

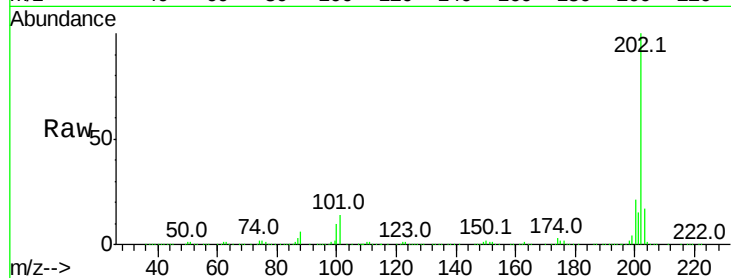
Tot Ion:202 Resp: 657769

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

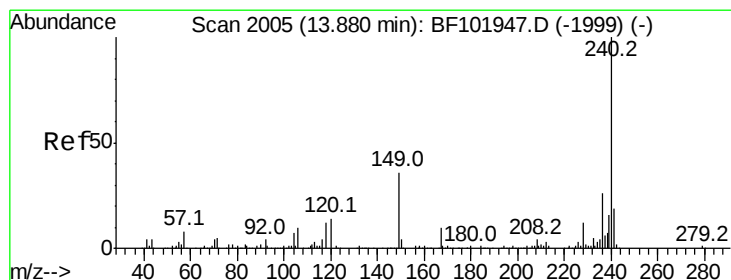
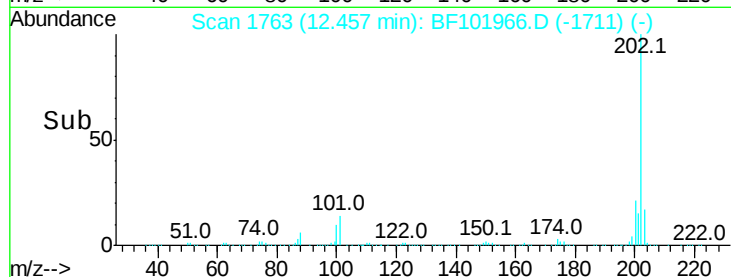
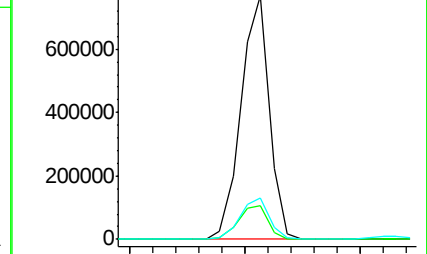
203 16.8 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

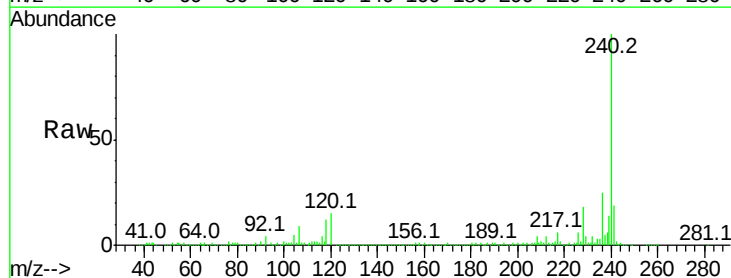
Tgt Ion:240 Resp: 387333

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

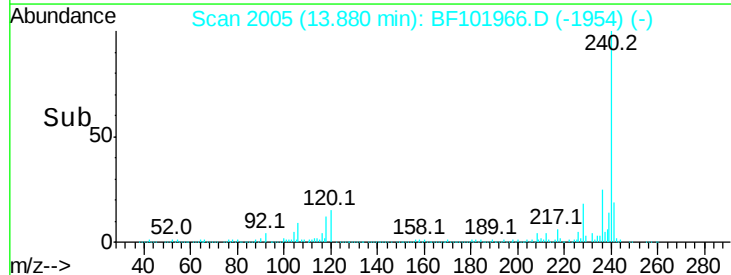
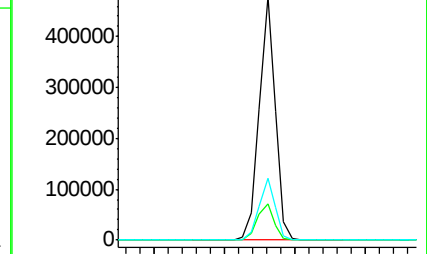
236 25.4 20.7 31.1

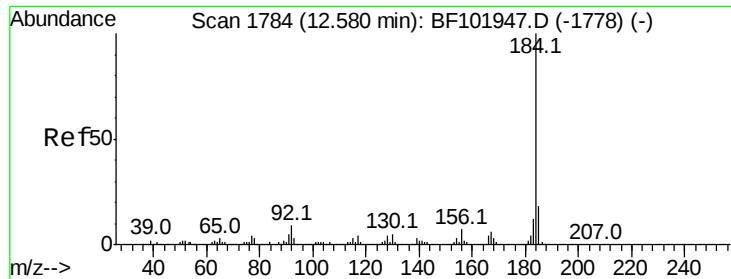


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.541 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

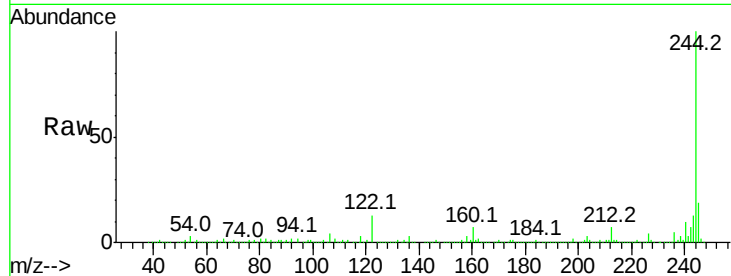
Tot Ion:184 Resp: 10112

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

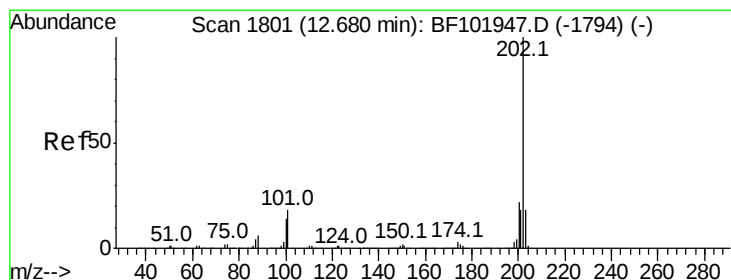
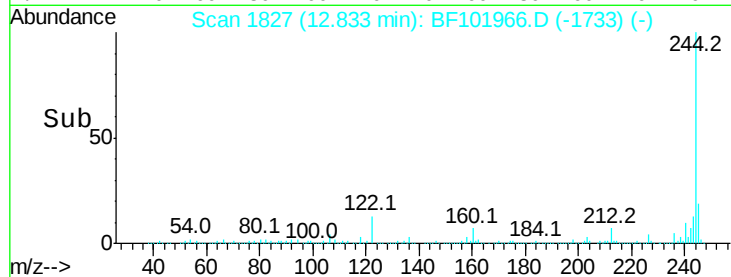
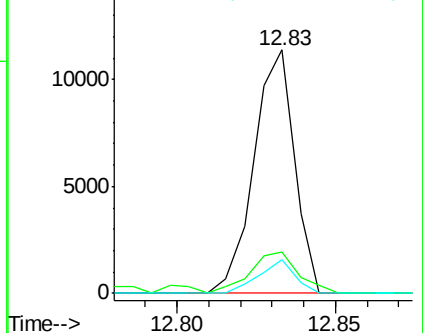
183 14.0 9.3 13.9#



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

Pyrene

Concen: 17.818 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

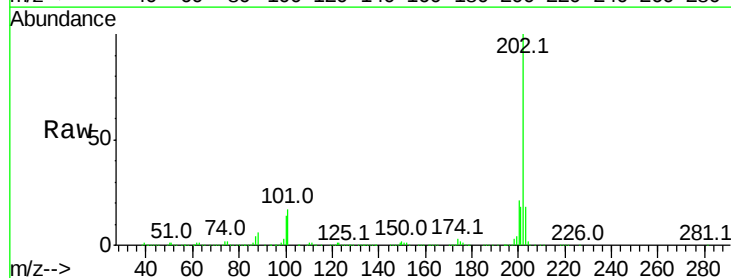
Tgt Ion:202 Resp: 610049

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

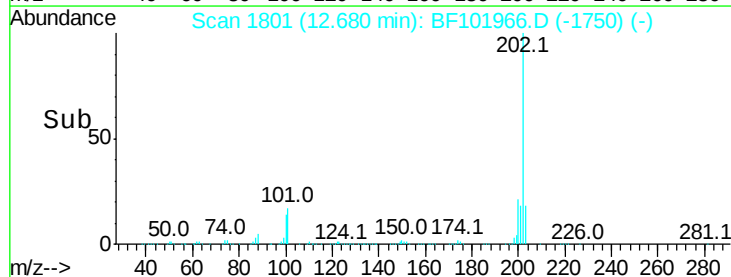
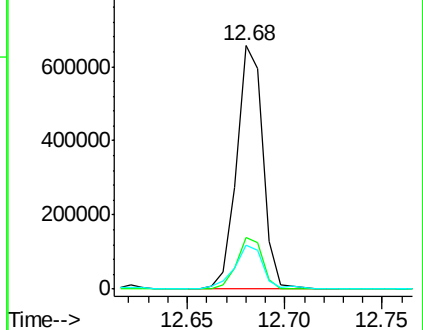
203 18.0 14.3 21.5

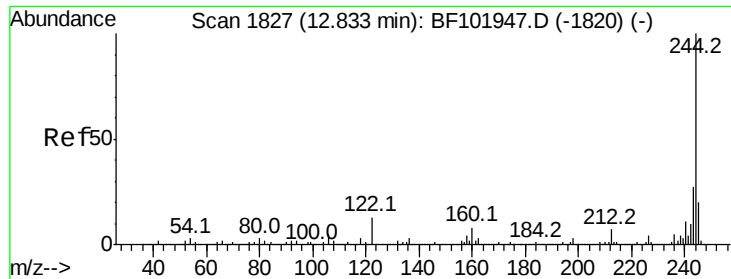


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

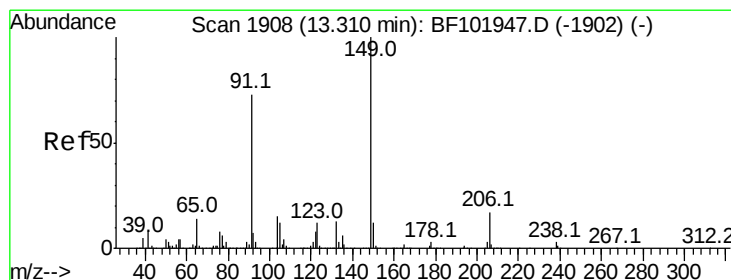
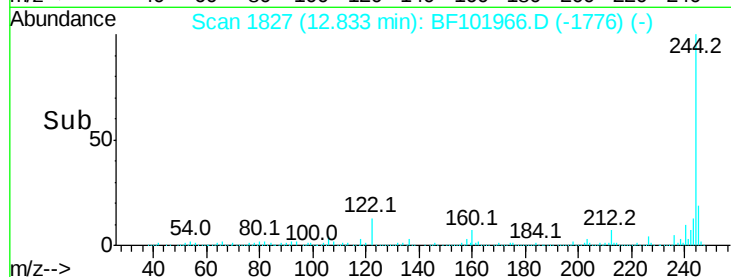
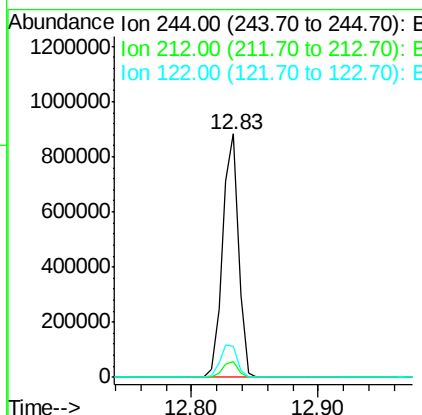
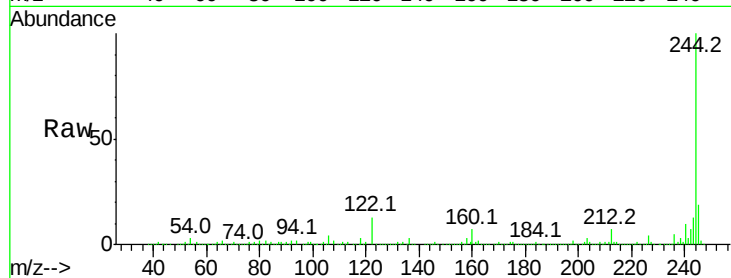




#78
 Terphenyl-d14
 Concen: 41.629 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

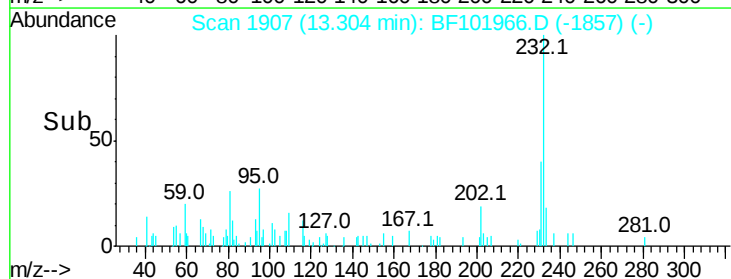
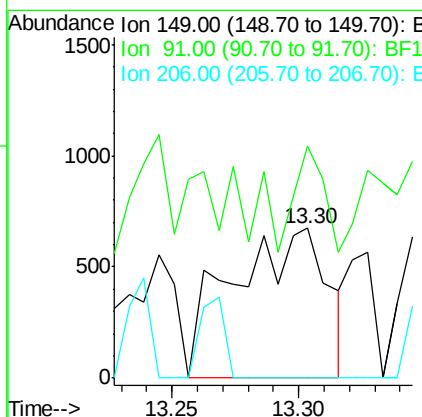
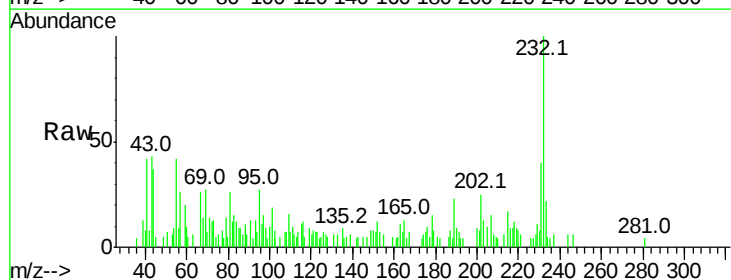
Instrument :
 BNA_F
 ClientSampled :

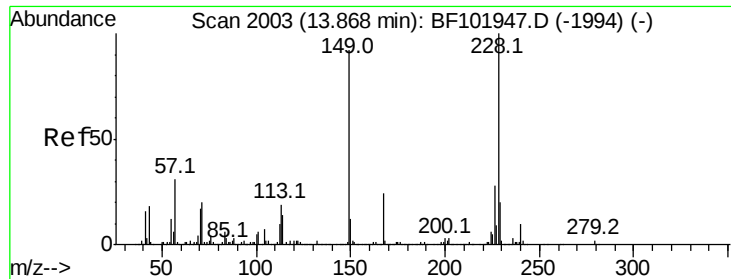
Tot Ion:244 Resp: 776598
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.111 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF101966.D
 Acq: 9 Jan 2018 21:31

Tgt Ion:149 Resp: 1751
 Ion Ratio Lower Upper
 149 100
 91 155.2 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 13.578 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

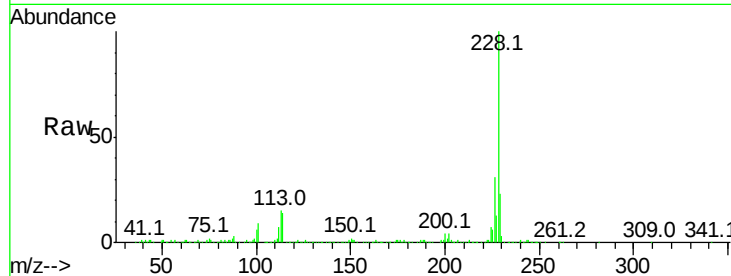
Tot Ion:228 Resp: 335557

Ion Ratio Lower Upper

228 100

226 31.1 22.6 33.8

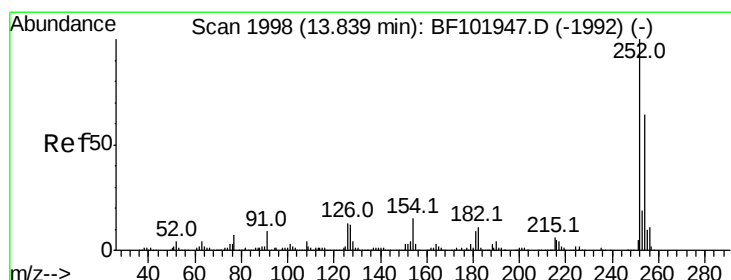
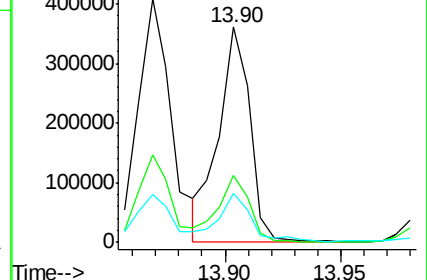
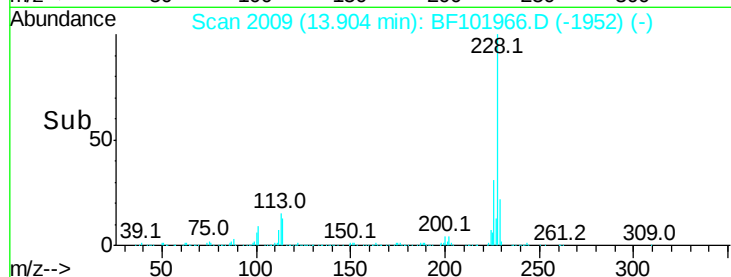
229 22.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.284 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.08 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

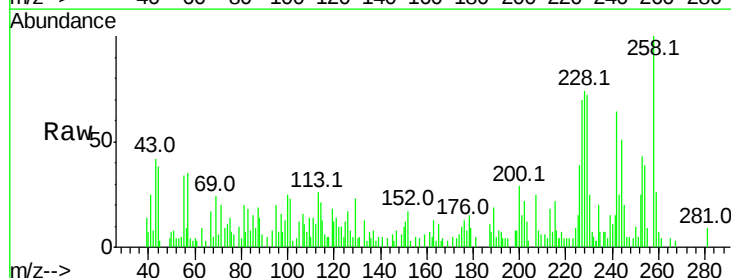
Tgt Ion:252 Resp: 2600

Ion Ratio Lower Upper

252 100

254 157.7 50.4 75.6#

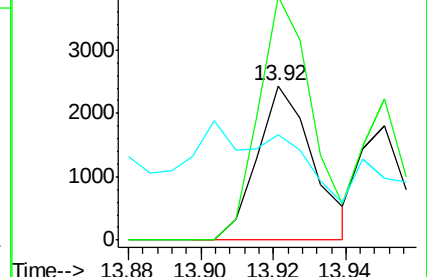
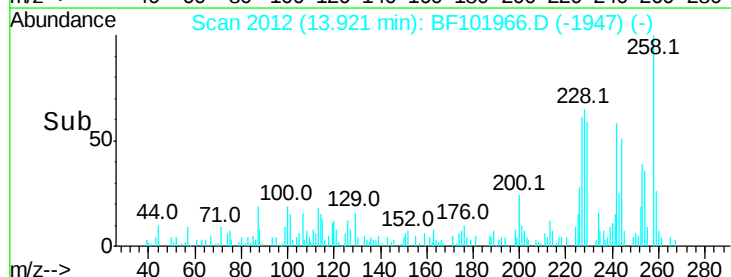
126 68.4 11.3 16.9#

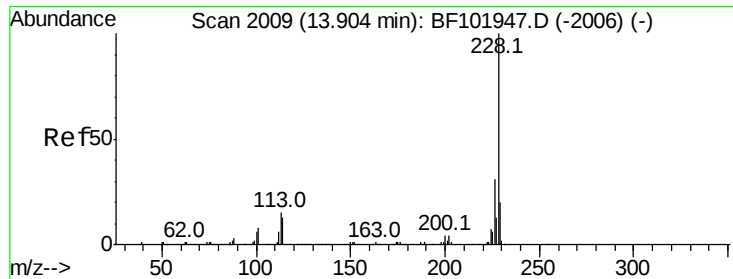


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 13.022 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

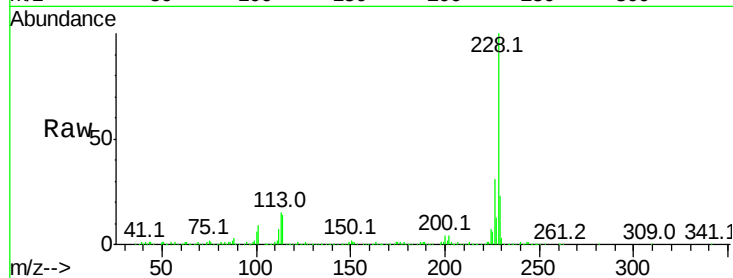
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 335557

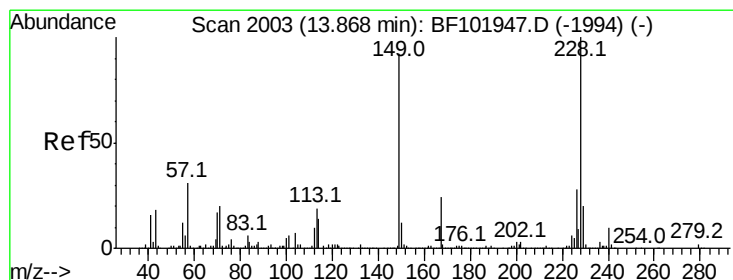
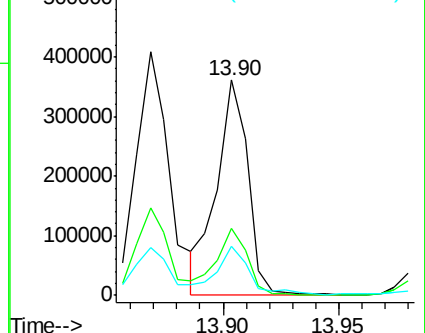
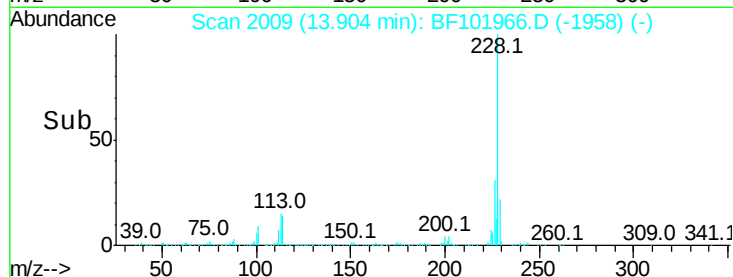
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.7	16.2	24.4



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: 0.300 ng

RT: 13.87 min Scan# 2003

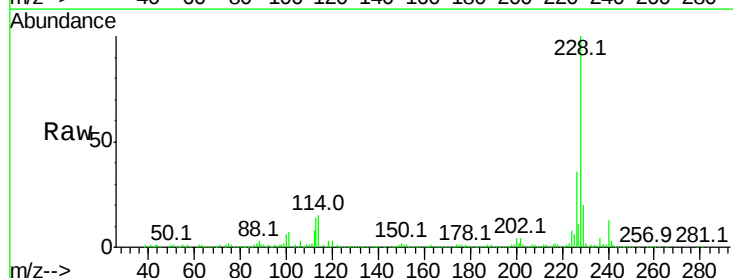
Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Tgt Ion:149 Resp: 5415

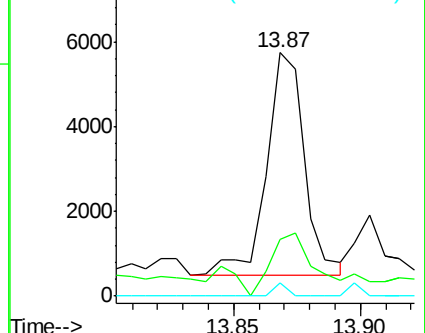
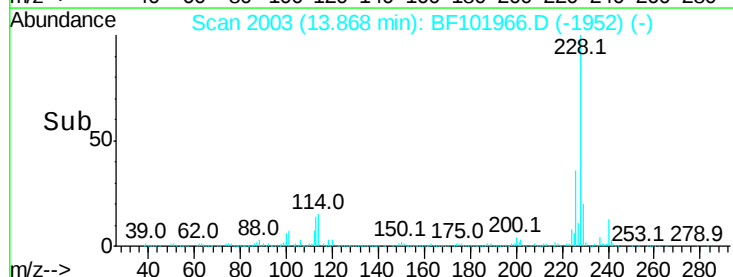
Ion	Ratio	Lower	Upper
149	100		
167	23.3	21.3	31.9
279	5.6	3.0	4.4#

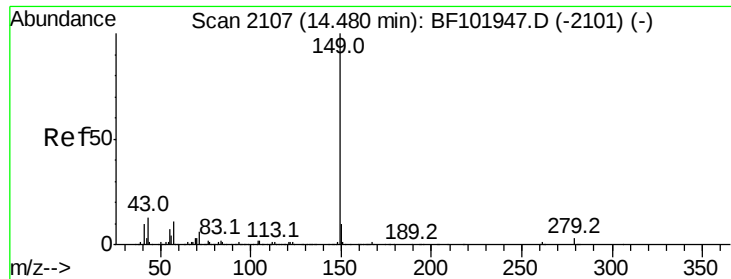


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.019 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampled :

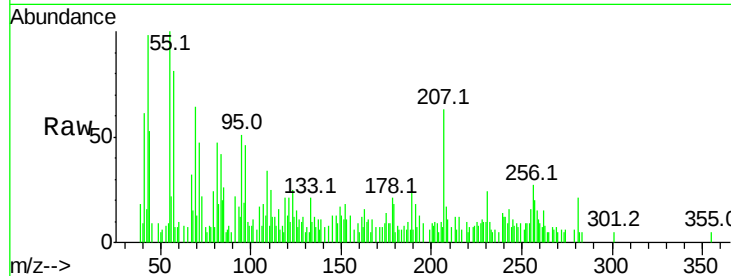
Tot Ion:149 Resp: 569

Ion Ratio Lower Upper

149 100

167 30.4 1.2 1.8#

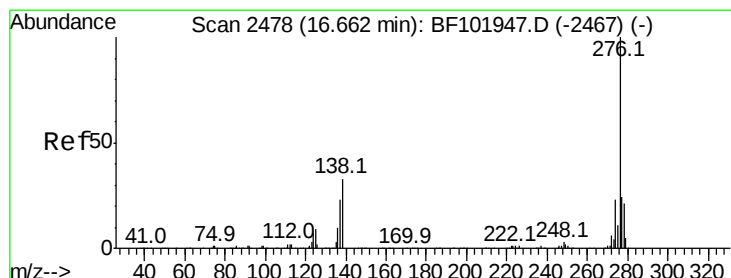
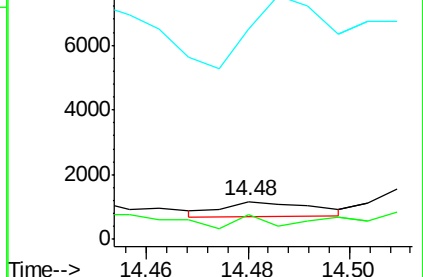
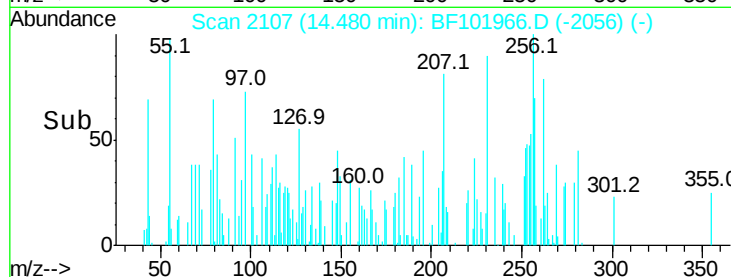
43 406.2 8.4 12.6#



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: 6.960 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

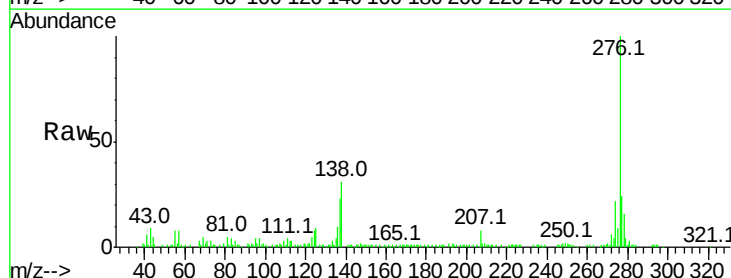
Tgt Ion:276 Resp: 130529

Ion Ratio Lower Upper

276 100

138 31.0 25.0 37.6

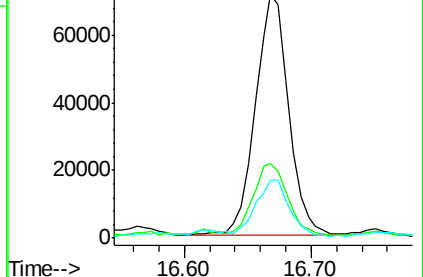
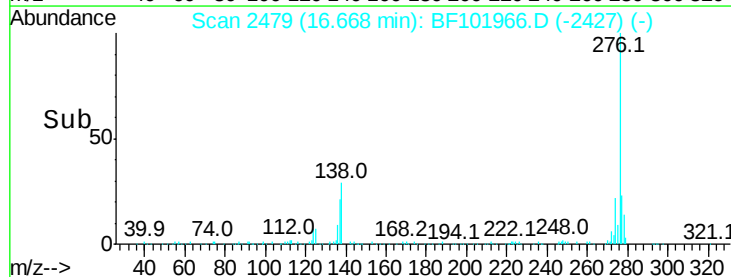
277 22.9 20.1 30.1

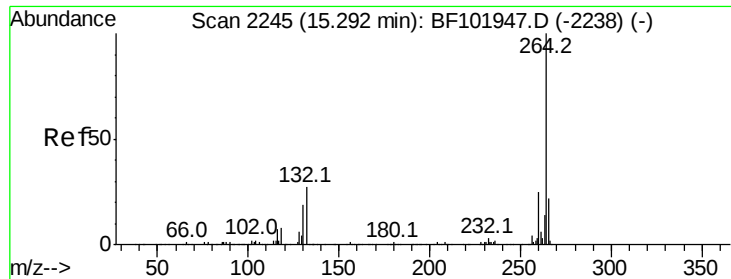


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



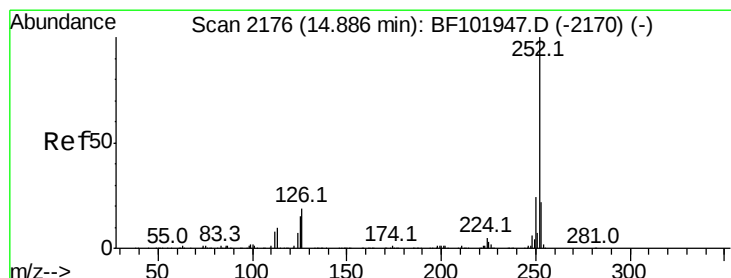
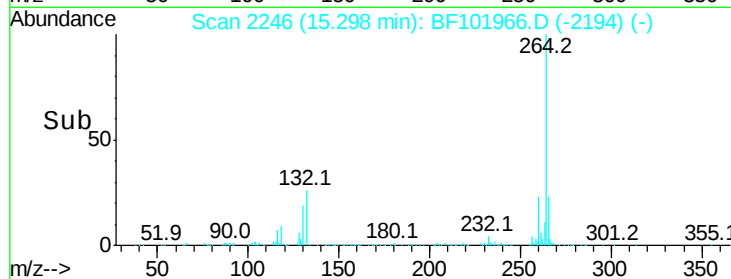
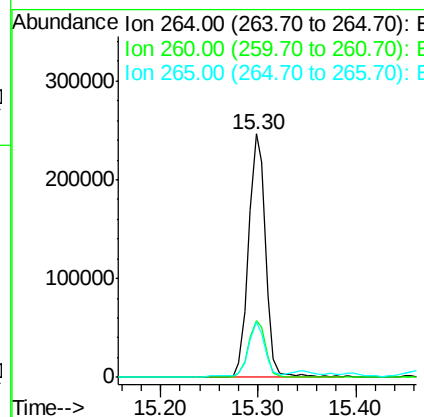
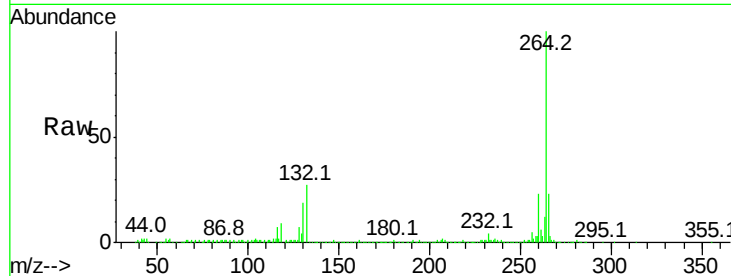


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 297500

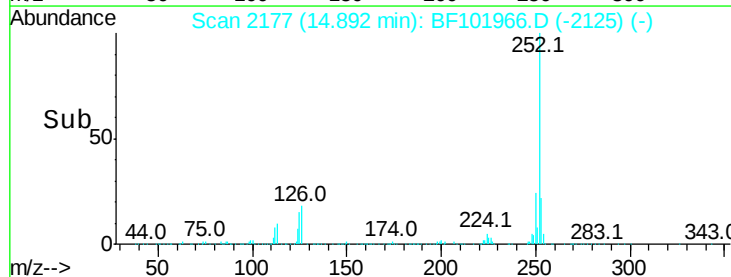
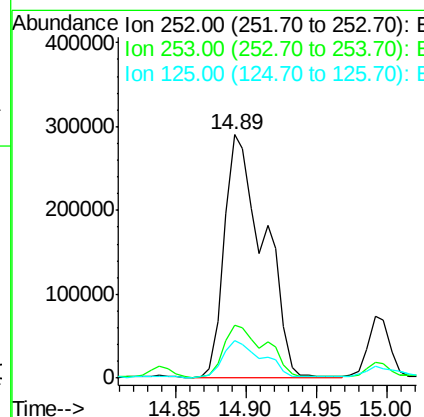
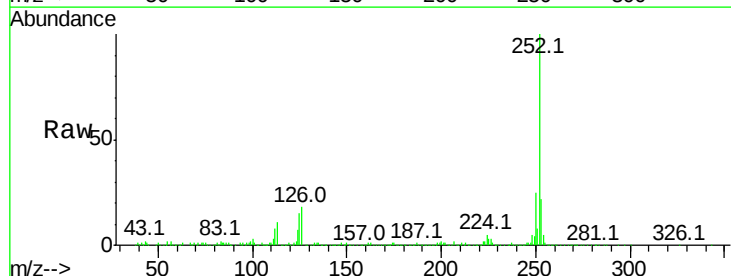
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3

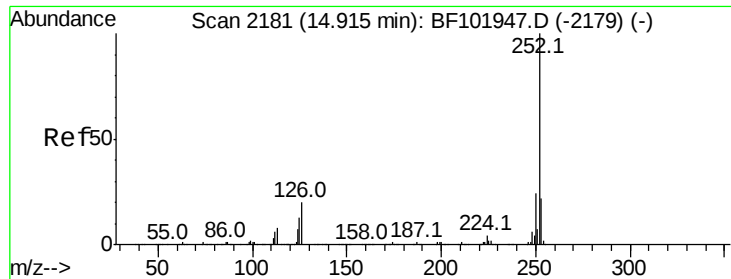


#87
Benzo(b)fluoranthene
Concen: 29.227 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion:252 Resp: 566953

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	15.4	9.0	13.6

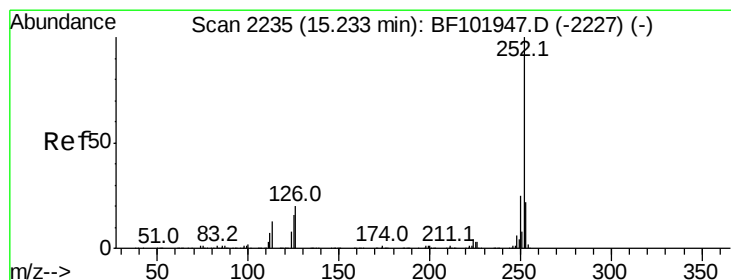
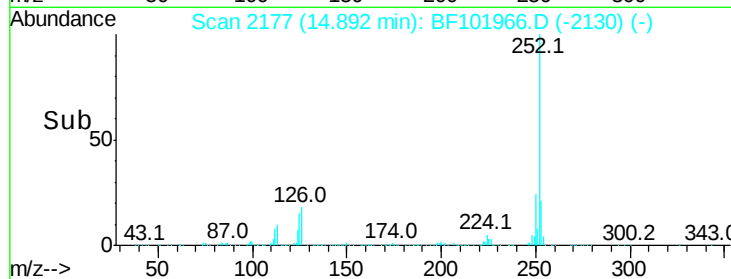
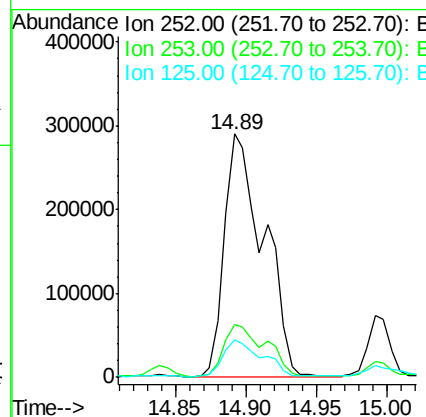
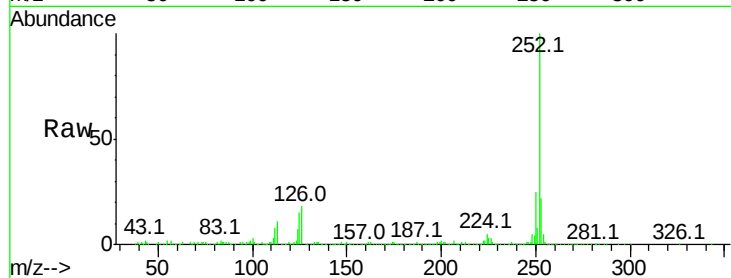




#88
Benzo(k)fluoranthene
Concen: 30.298 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

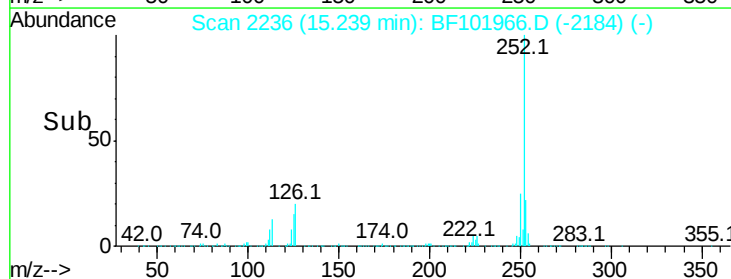
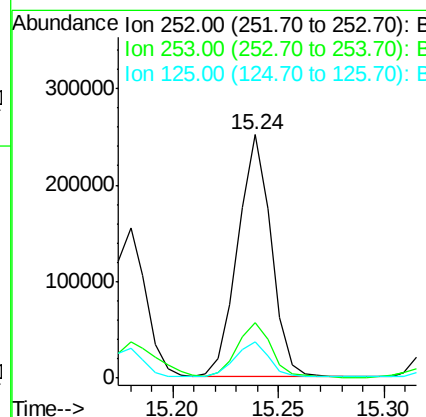
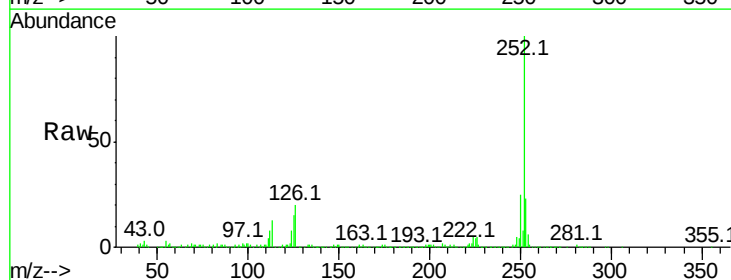
Instrument :
BNA_F
ClientSampleId :

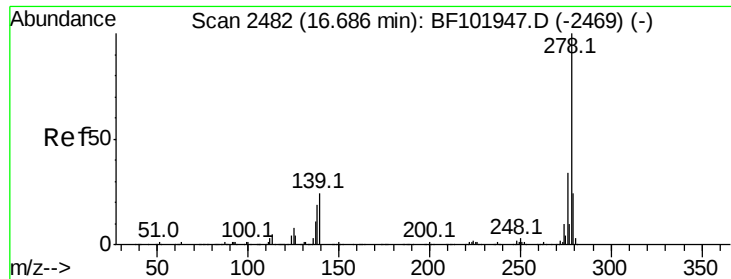
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 15.623 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF101966.D
Acq: 9 Jan 2018 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	15.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.467 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

Instrument :

BNA_F

ClientSampleId :

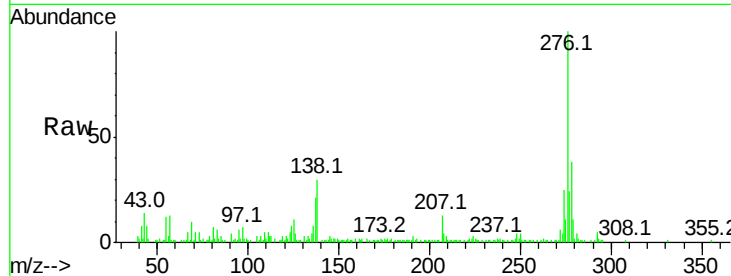
Tot Ion:278 Resp: 34365

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

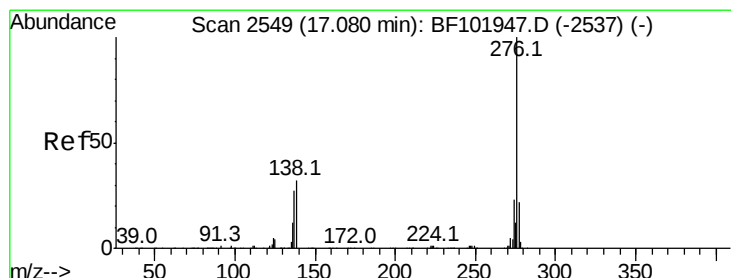
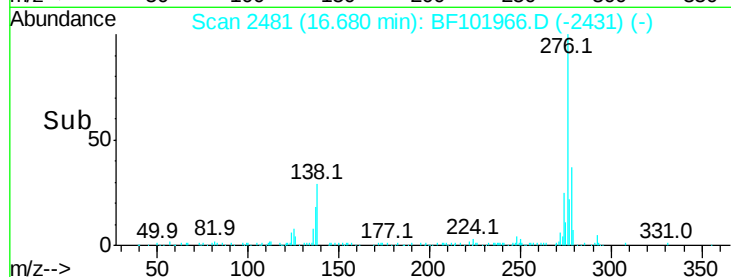
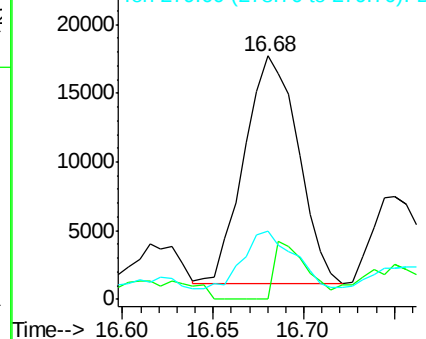
279 28.2 19.0 28.4



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(g,h,i)perylene

Concen: 7.913 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF101966.D

Acq: 9 Jan 2018 21:31

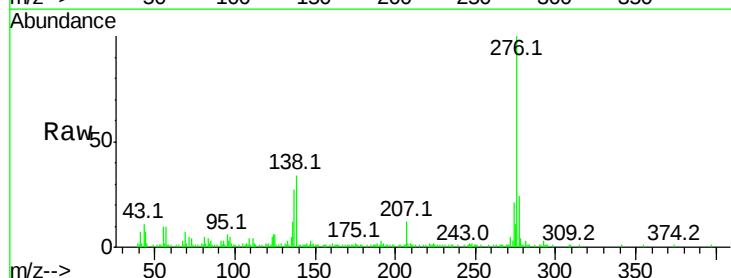
Tgt Ion:276 Resp: 111033

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 34.2 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

