

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100834.D
 Acq On : 22 Nov 2017 20:21
 Operator : SJ/JU
 Sample : I6043-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83660	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	333162	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	164841	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	321628	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	199458	20.00	ng	-0.02
86) Perylene-d12	15.49	264	175096	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	506025	96.96	ng	-0.01
7) Phenol-d6	6.49	99	626321	97.32	ng	-0.02
23) Nitrobenzene-d5	7.42	82	391092	77.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	186304	110.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	733676	67.77	ng	-0.02
78) Terphenyl-d14	12.97	244	711773	81.99	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.50	93	494	0.054	ng	# 1
8) 2-Chlorophenol	6.65	128	115	0.021	ng	# 33
9) Benzaldehyde	6.49	77	1034	0.225	ng	# 1
10) Phenol	6.50	94	24709	3.657	ng	# 90
11) bis(2-Chloroethyl)ether	6.63	93	767	0.135	ng	# 1
15) Benzyl Alcohol	7.02	79	6089	1.212	ng	# 44
17) 2-Methylphenol	7.30	107	221	0.047	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	50663	11.351	ng	# 78
20) 3+4-Methylphenols	7.30	107	221	0.037	ng	# 1
22) Acetophenone	7.25	105	791	0.097	ng	# 76
24) Nitrobenzene	7.42	77	1473	0.284	ng	# 38
25) Isophorone	7.42	82	391083	36.931	ng	# 64
36) 4-Chloro-3-methylphenol	8.69	107	127	0.026	ng	# 20
45) 1,1'-Biphenyl	9.32	154	1855	0.130	ng	# 81
46) 2-Chloronaphthalene	9.60	162	342	0.033	ng	# 1
47) 2-Nitroaniline	9.60	65	831	3.040	ng	# 1
49) Dimethylphthalate	9.61	163	94299	7.492	ng	# 99
50) 2,6-Dinitrotoluene	9.61	165	960	0.385	ng	# 25
51) Acenaphthene	9.90	154	468	0.045	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	20827	6.627	ng	# 23
57) Fluorene	10.69	166	8354	0.780	ng	# 91
59) Diethylphthalate	10.31	149	18838	1.496	ng	# 93
62) Azobenzene	10.61	77	14477	1.220	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	147	8.644	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	5298	0.474	ng	# 41
66) 4-Bromophenyl-phenylether	10.69	248	11935	3.462	ng	# 1
70) Phenanthrene	11.40	178	664	0.039	ng	# 59
71) Anthracene	11.40	178	664	0.039	ng	# 60
72) Carbazole	11.61	167	372	0.023	ng	# 59
73) Di-n-butylphthalate	11.94	149	5536	0.298	ng	# 92
74) Fluoranthene	12.59	202	673	0.037	ng	# 62
76) Benzidine	12.97	184	8109	1.015	ng	# 94
77) Pvrene	12.83	202	1001	0.070	ng	# 57
79) Butylbenzylphthalate	13.43	149	605	0.104	ng	# 67

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100834.D
 Acq On : 22 Nov 2017 20:21
 Operator : SJ/JU
 Sample : I6043-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

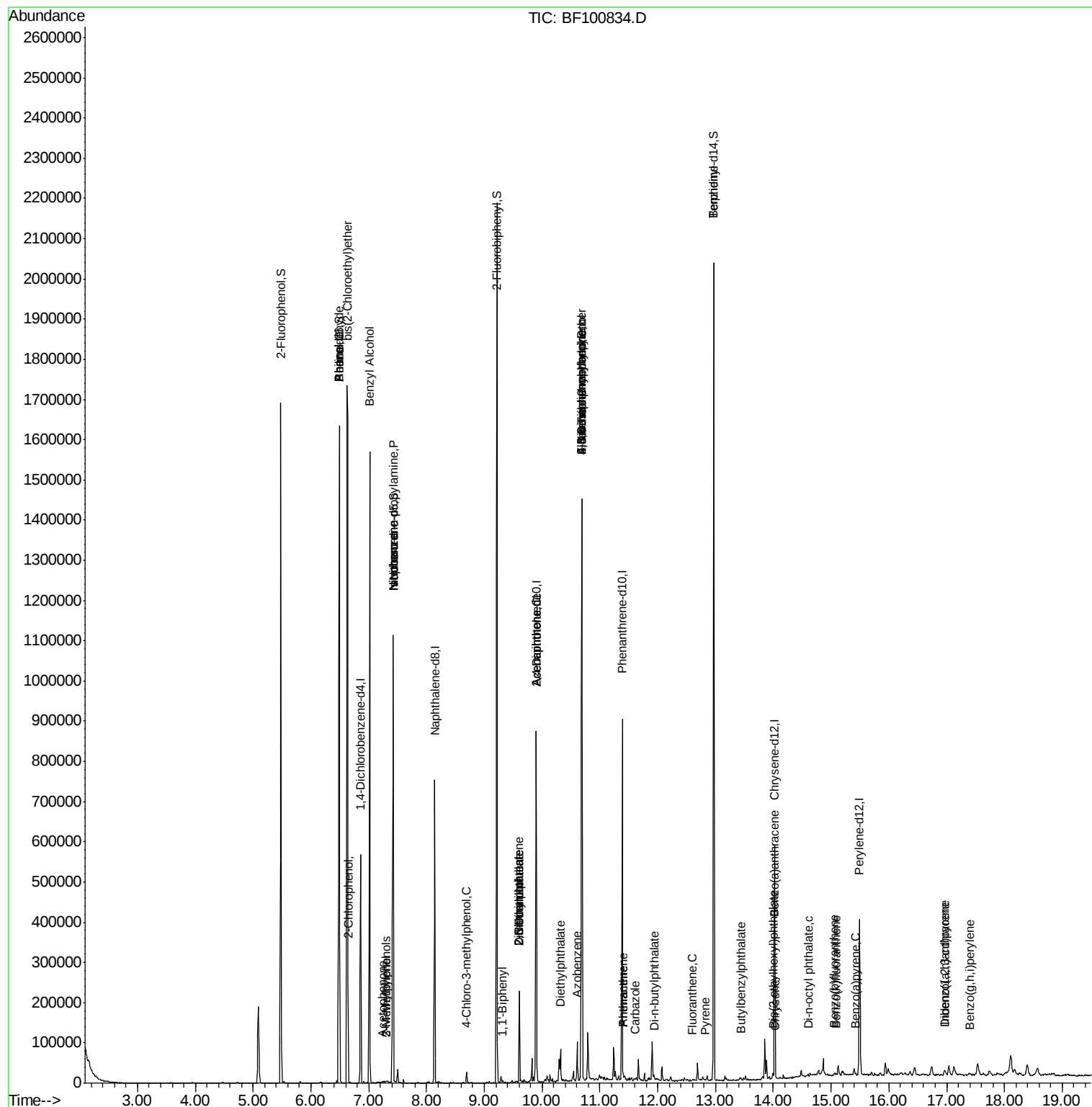
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.01	228	2284	0.190	nq	# 86
82) Chrysene	14.04	228	2278	0.196	nq	# 85
83) Bis(2-ethylhexyl)phthalate	13.99	149	4981	0.653	nq	# 98
84) Di-n-octyl phthalate	14.60	149	3078	0.235	nq	# 70
85) Indeno(1,2,3-cd)pyrene	16.96	276	2355	0.250	nq	# 70
87) Benzo(b)fluoranthene	15.06	252	3620	0.349	nq	# 82
88) Benzo(k)fluoranthene	15.09	252	2612	0.266	nq	# 70
89) Benzo(a)pyrene	15.42	252	1943	0.211	nq	# 86
90) Dibenzo(a,h)anthracene	16.98	278	1511	0.201	nq	# 54
91) Benzo(a,h,i)perylene	17.40	276	1857	0.252	nq	# 50

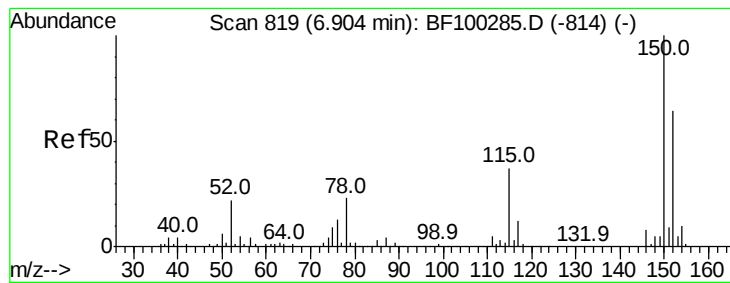
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100834.D
Acq On : 22 Nov 2017 20:21
Operator : SJ/JU
Sample : I6043-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 23 23:37:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



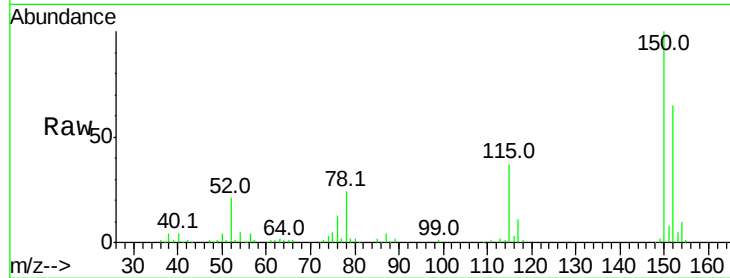


#1

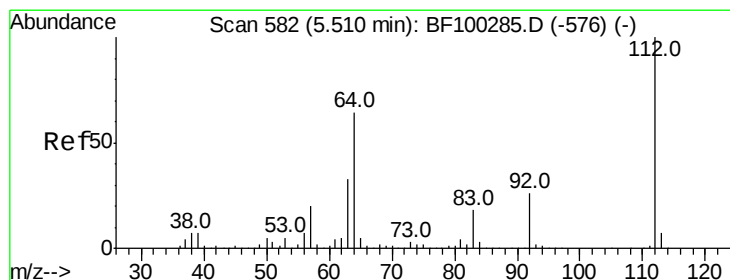
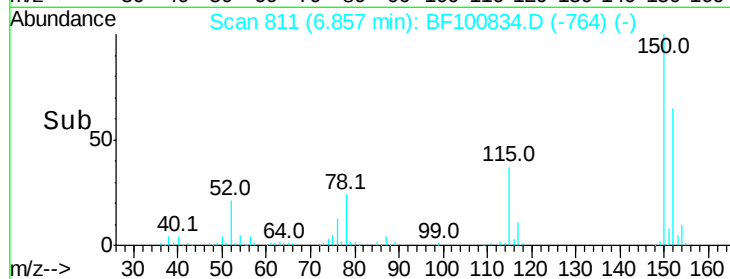
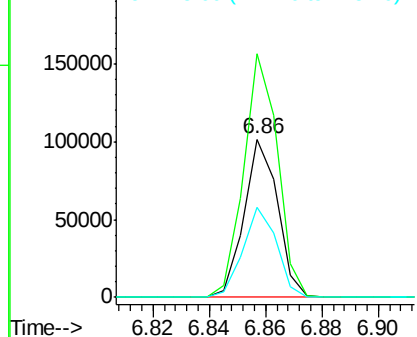
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83660
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 57.1 50.1 75.1



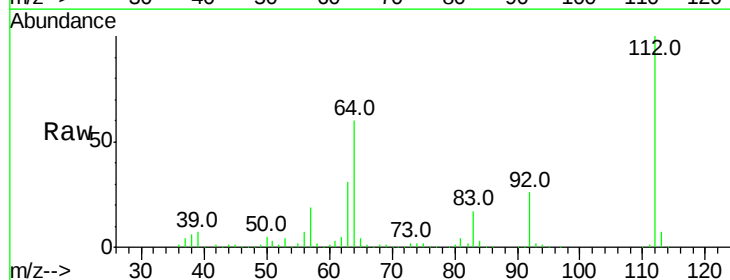
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



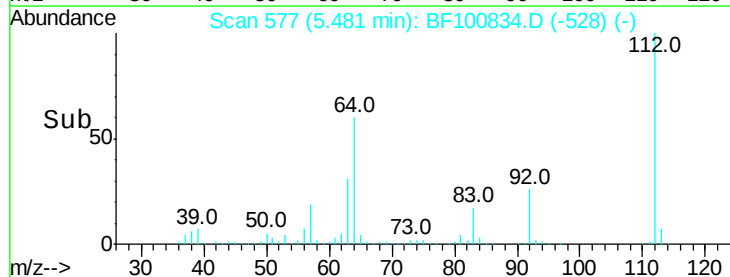
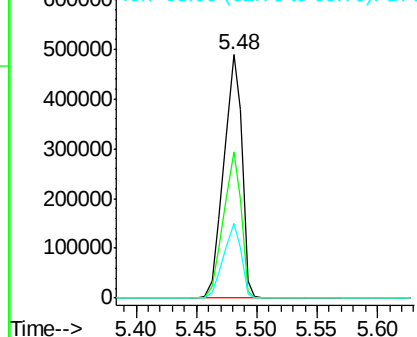
#5

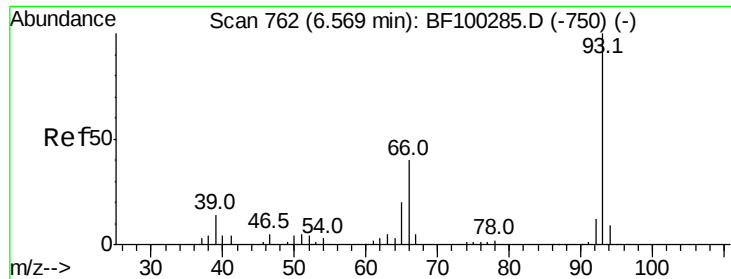
2-Fluorophenol
Concen: 96.958 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:112 Resp: 506025
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.6 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: 0.054 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

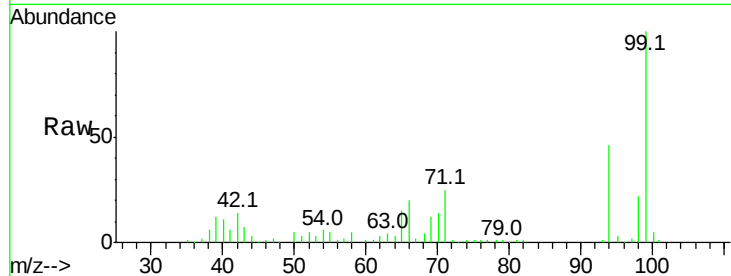
Tot Ion: 93 Resp: 494

Ion Ratio Lower Upper

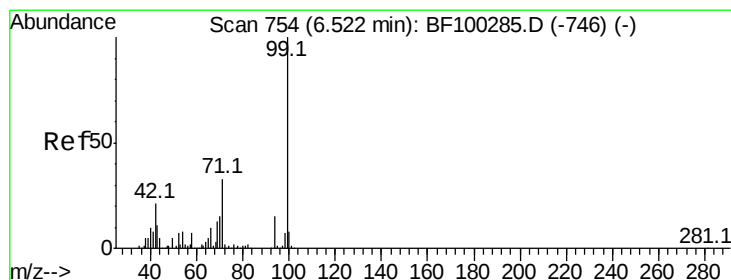
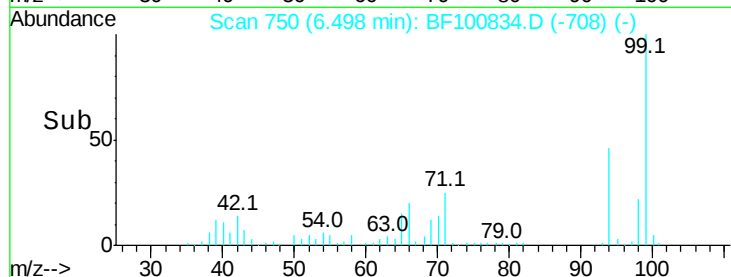
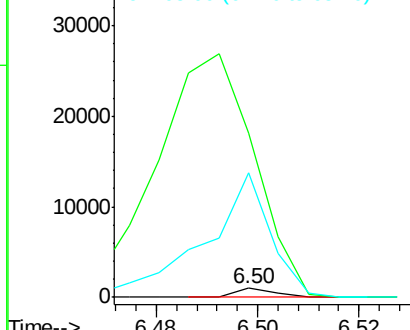
93 100

66 1847.9 32.2 48.2#

65 1398.3 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: 97.319 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

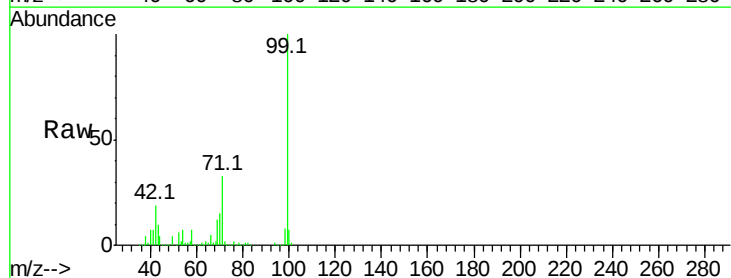
Tgt Ion: 99 Resp: 626321

Ion Ratio Lower Upper

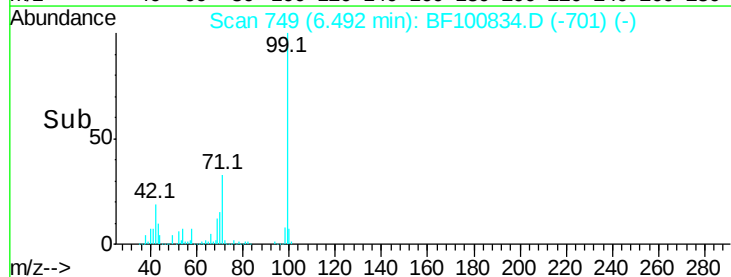
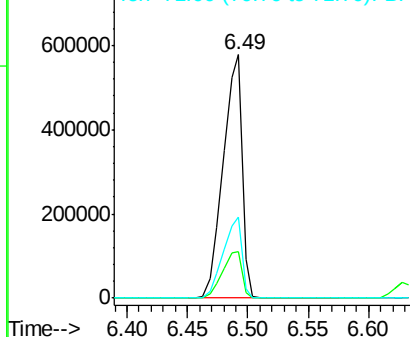
99 100

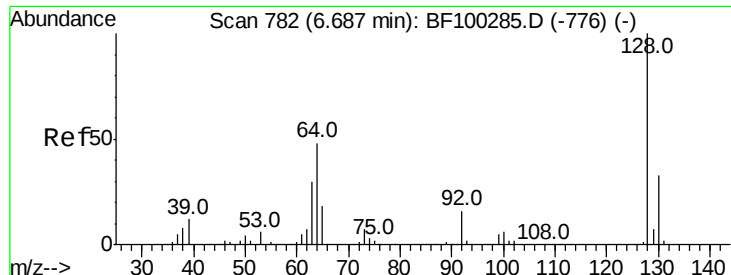
42 19.2 14.5 21.7

71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.021 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

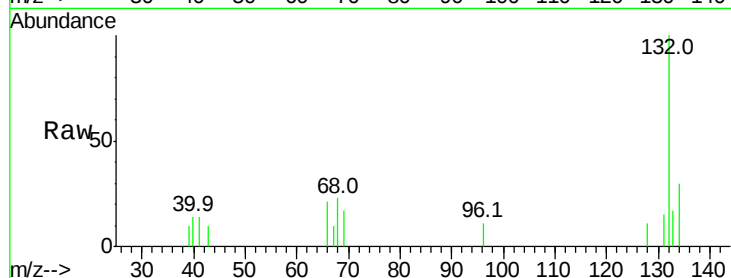
Tot Ion:128 Resp: 115

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

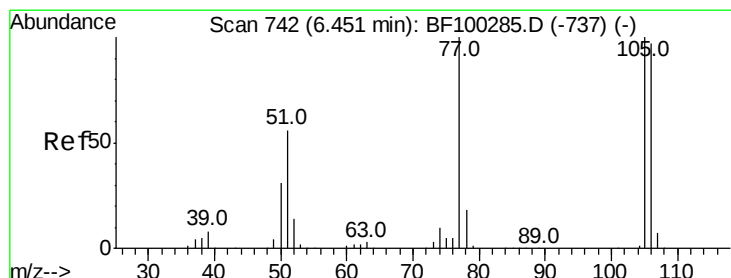
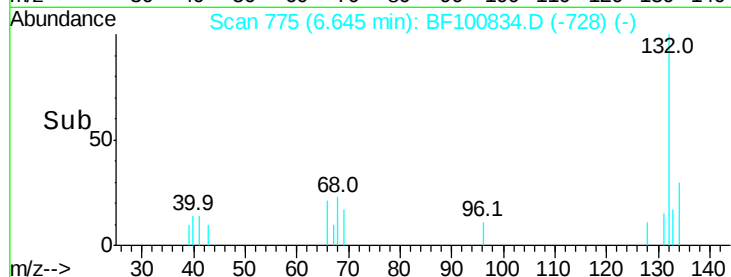
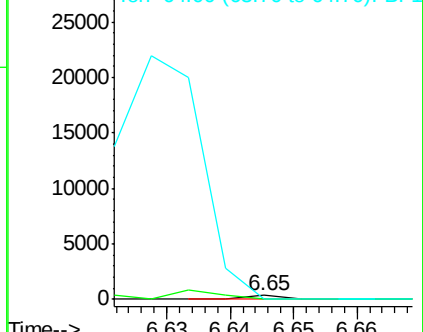
64 0.0 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.225 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.06 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

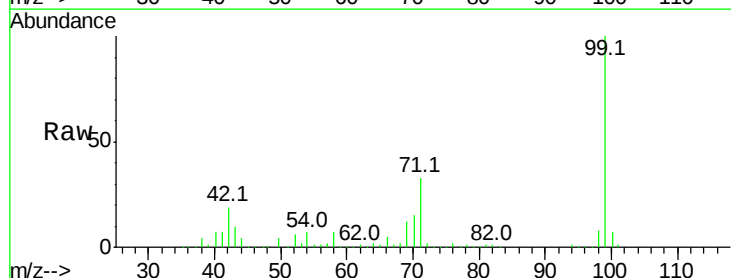
Tgt Ion: 77 Resp: 1034

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

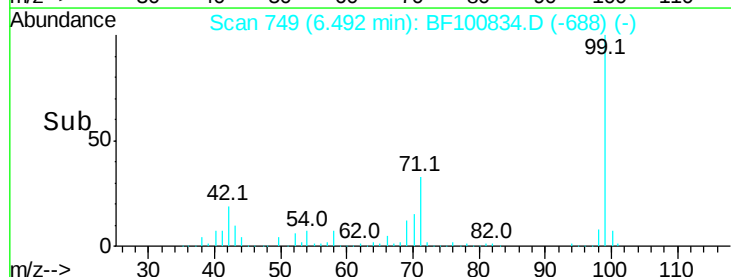
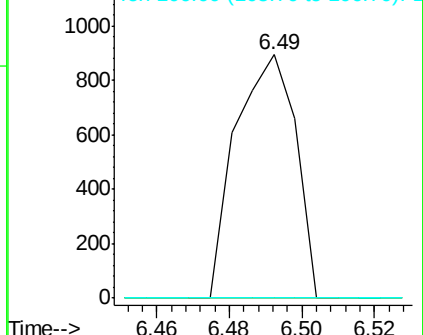
106 0.0 74.5 114.5#

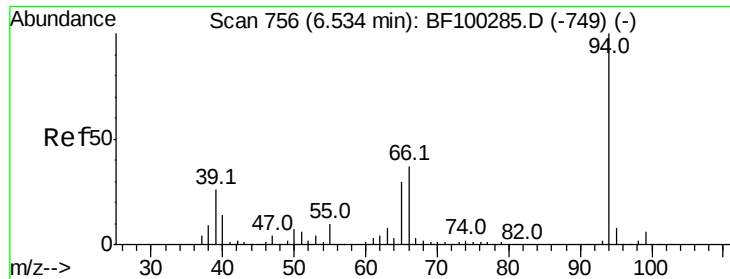


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.657 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

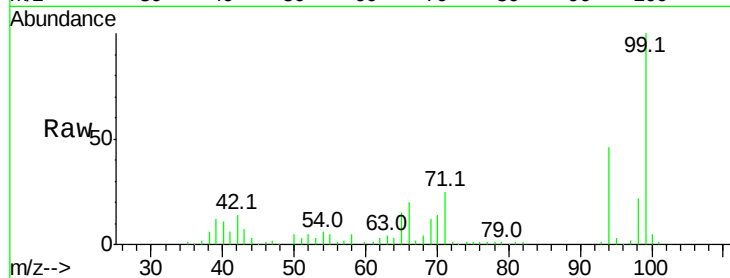
Tot Ion: 94 Resp: 24709

Ion Ratio Lower Upper

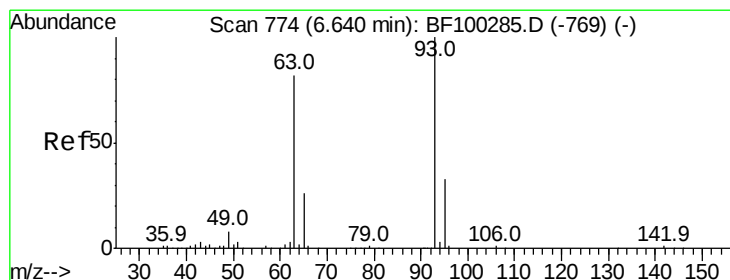
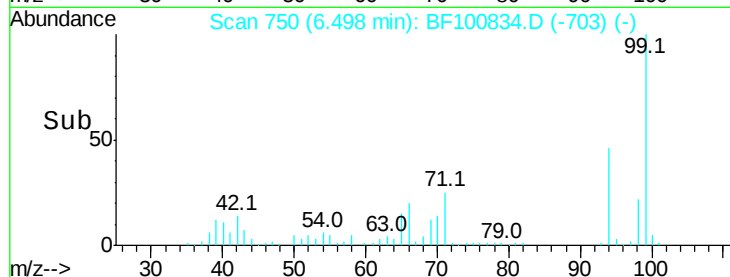
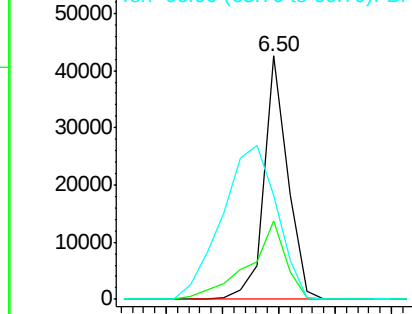
94 100

65 32.2 7.9 47.9

66 42.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.135 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

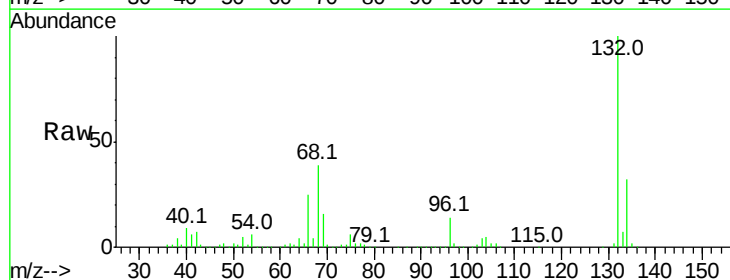
Tgt Ion: 93 Resp: 767

Ion Ratio Lower Upper

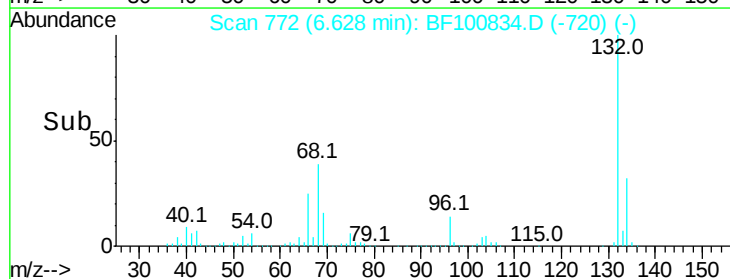
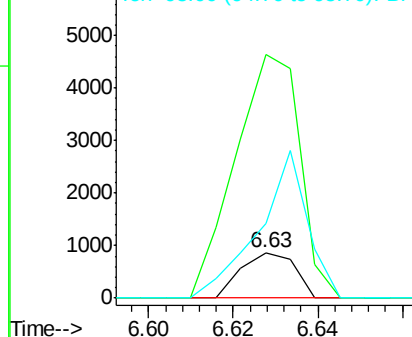
93 100

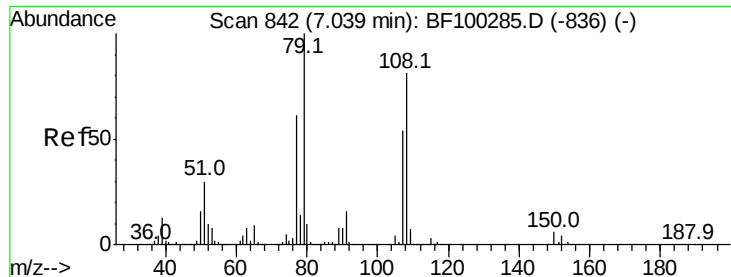
63 536.0 58.6 98.6#

95 163.4 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





#15

Benzyl Alcohol

Concen: 1.212 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

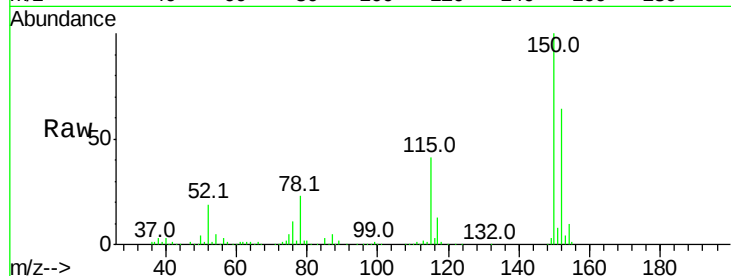
Tot Ion: 79 Resp: 6089

Ion Ratio Lower Upper

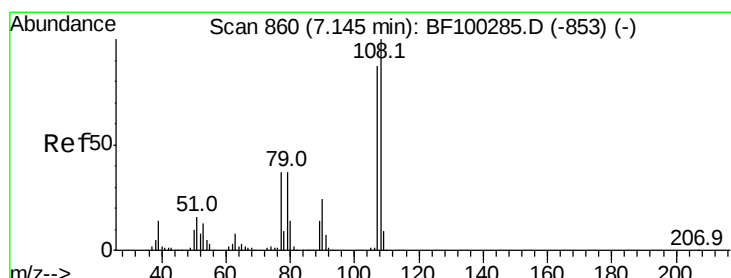
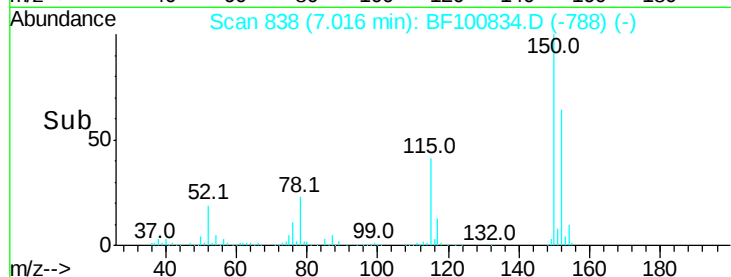
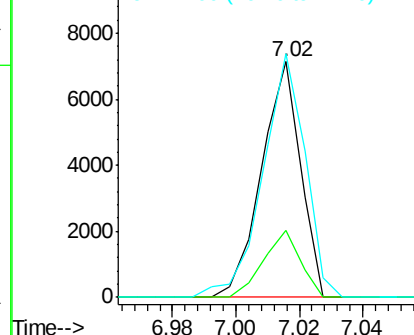
79 100

108 28.7 65.1 97.7#

77 103.4 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



#17

2-Methylphenol

Concen: 0.047 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.18 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Tgt Ion: 107 Resp: 221

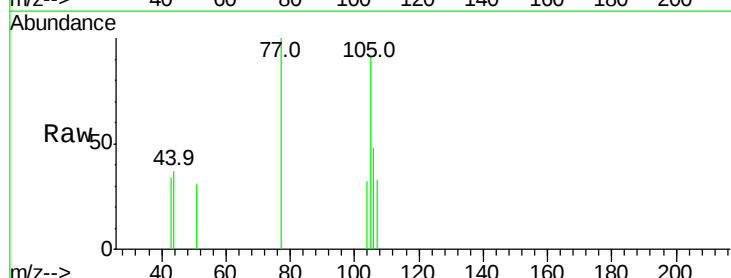
Ion Ratio Lower Upper

107 100

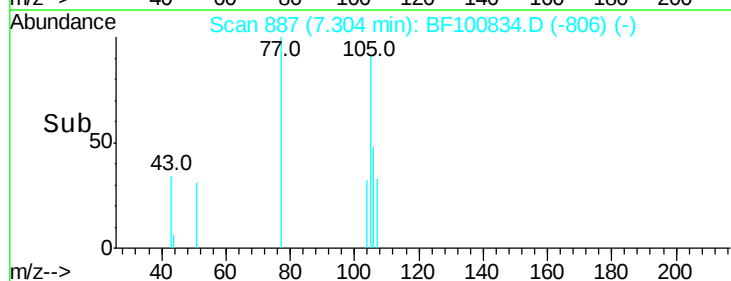
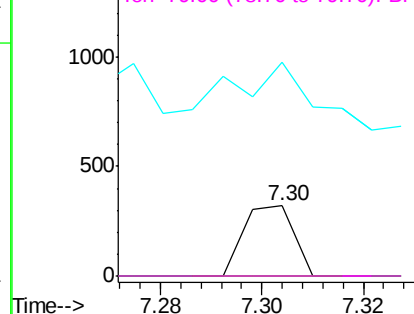
108 0.0 91.7 137.5#

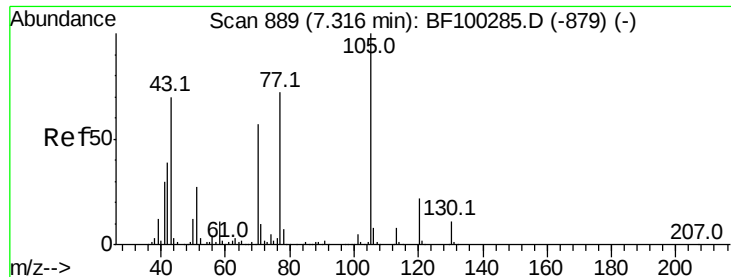
77 305.6 33.8 50.8#

79 0.0 33.8 50.8#



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

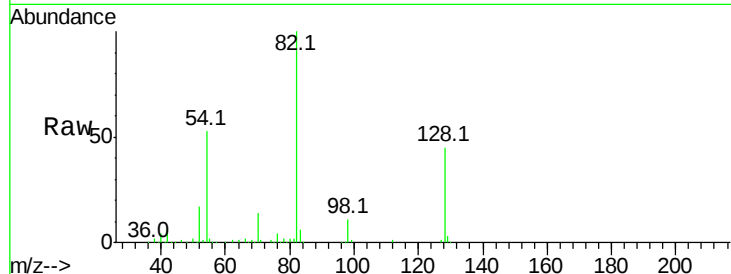




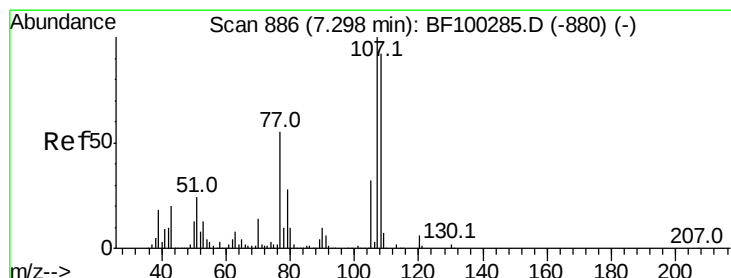
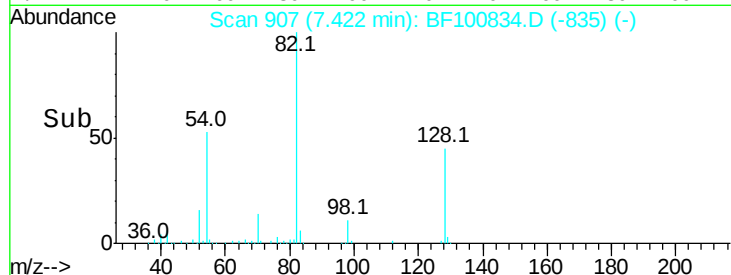
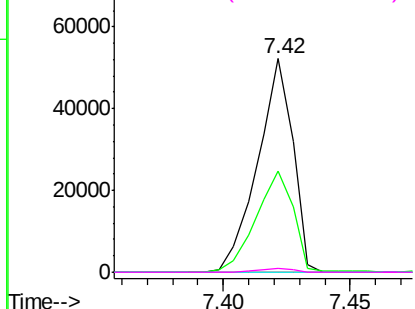
#19
n-Nitroso-di-n-propylamine
Concen: 11.351 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 50663
Ion Ratio Lower Upper
70 100
42 47.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



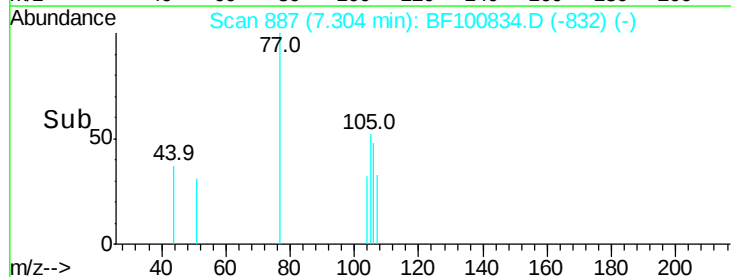
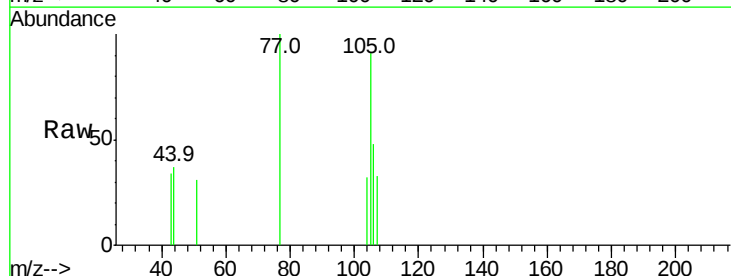
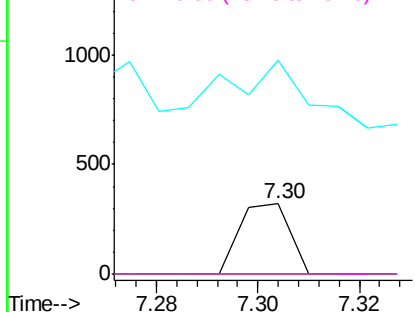
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

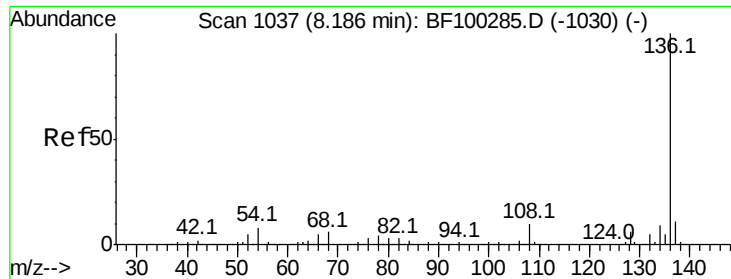


#20
3+4-Methylphenols
Concen: 0.037 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion: 107 Resp: 221
Ion Ratio Lower Upper
107 100
108 0.0 68.2 108.2#
77 305.6 26.7 66.7#
79 0.0 6.3 46.3#

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

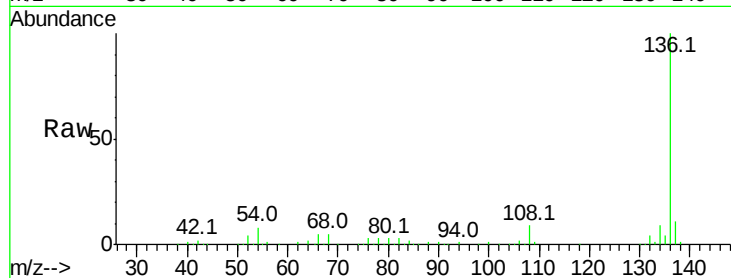




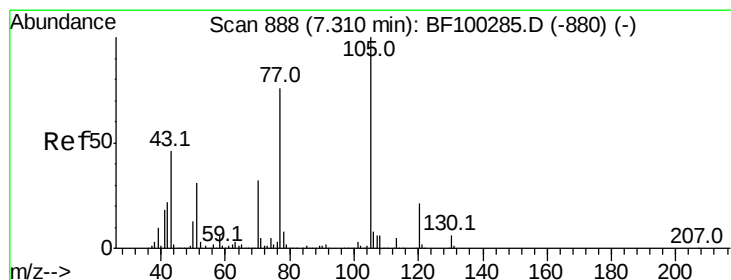
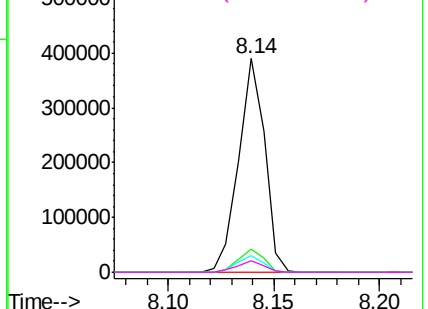
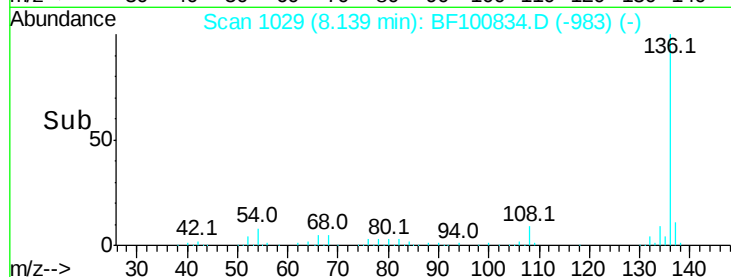
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	333162
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 8.1	6.6	9.8
68 5.2	5.0	7.4

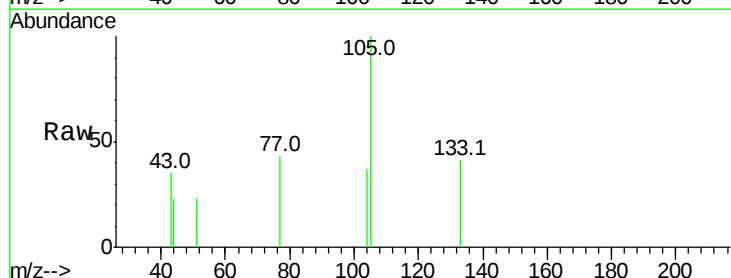


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

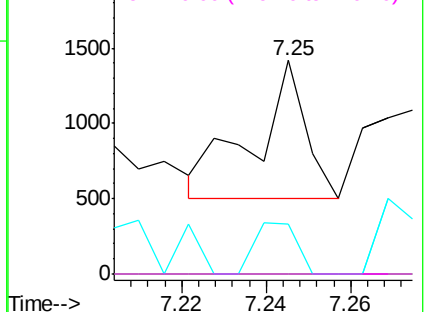
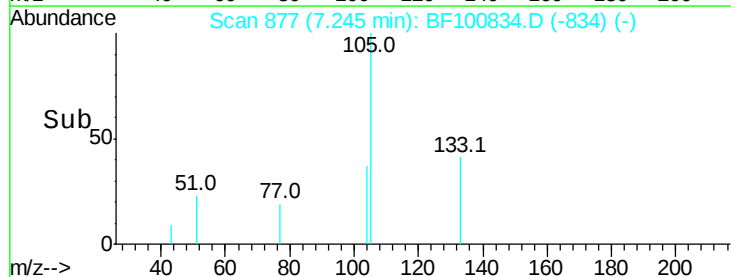


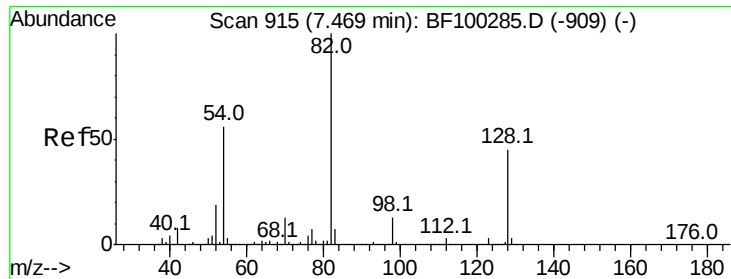
#22
Acetophenone
Concen: 0.097 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt	Ion:105	Resp:	791
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	23.1	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

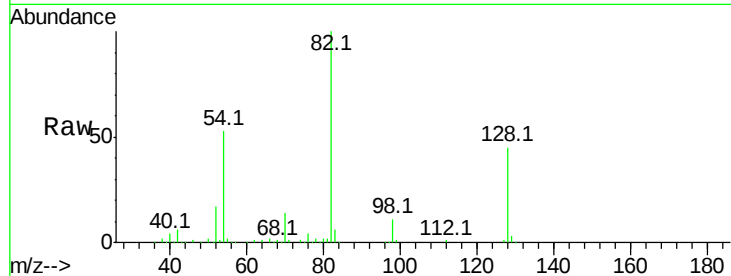




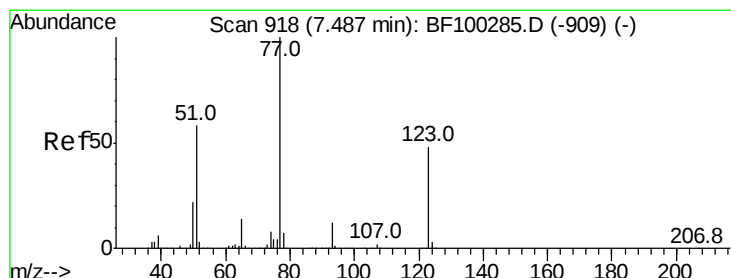
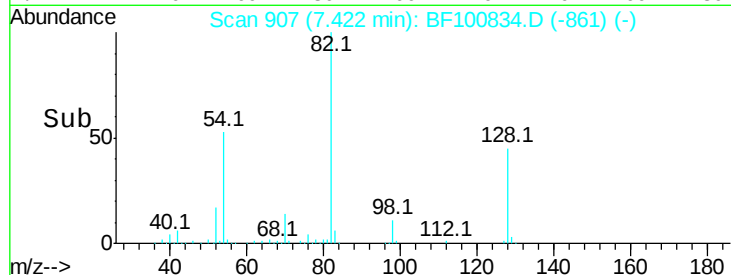
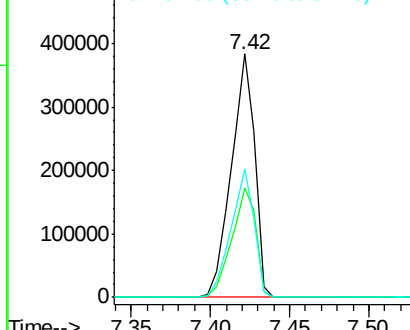
#23
Nitrobenzene-d5
Concen: 77.609 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 391092
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 52.7 41.4 62.2

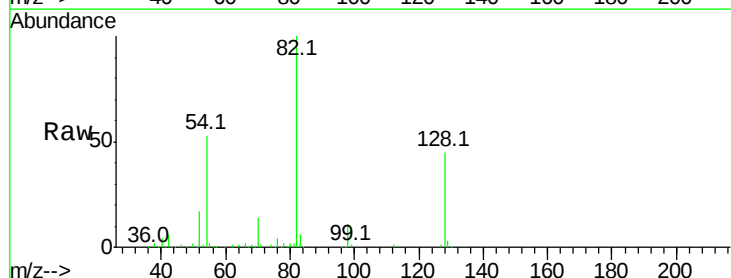


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

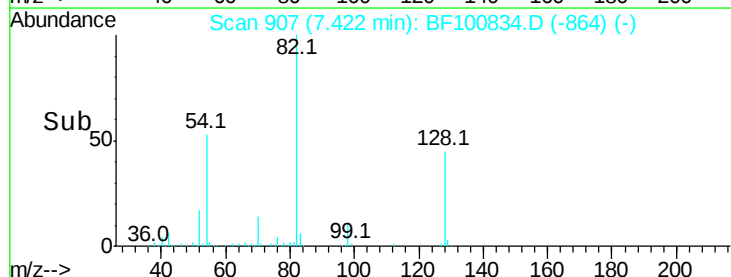
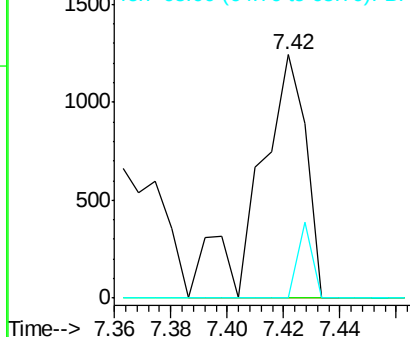


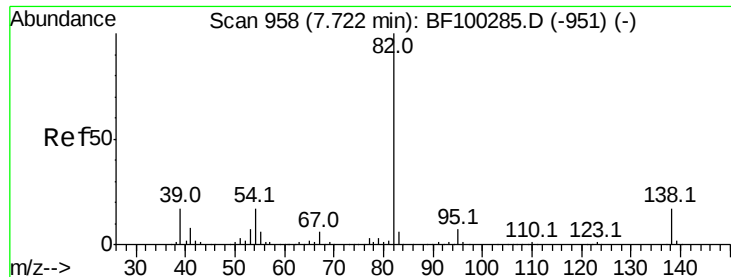
#24
Nitrobenzene
Concen: 0.284 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion: 77 Resp: 1473
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.931 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

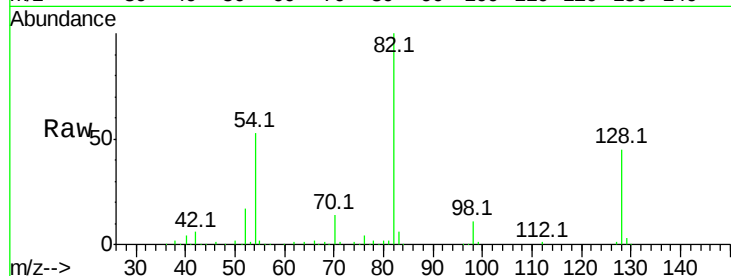
Tot Ion: 82 Resp: 391083

Ion Ratio Lower Upper

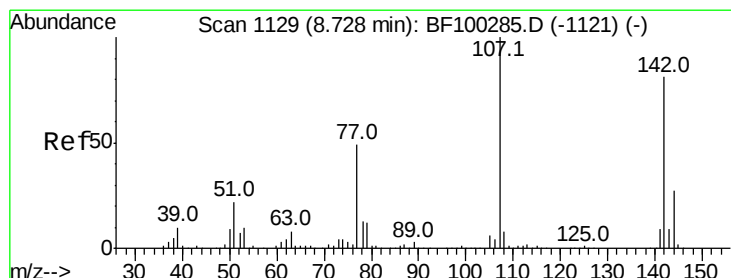
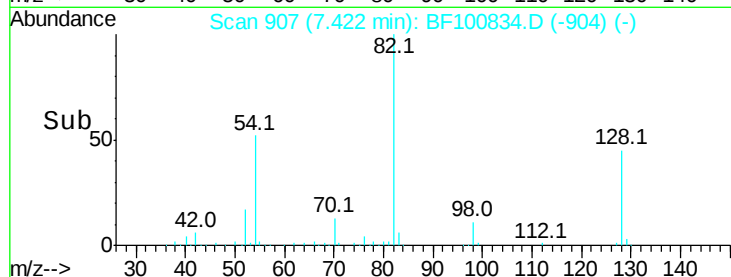
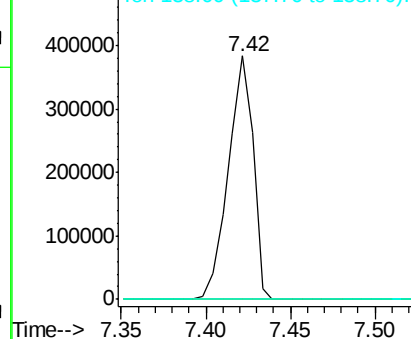
82 100

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



#36

4-Chloro-3-methylphenol

Concen: 0.026 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

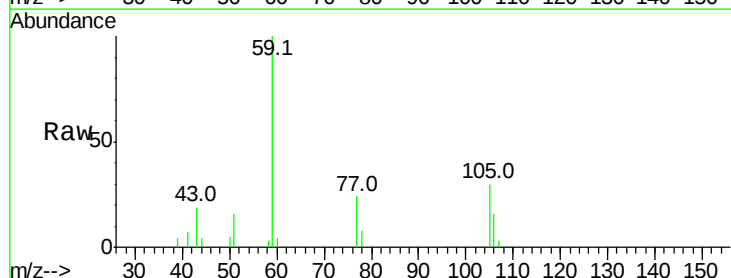
Tgt Ion:107 Resp: 127

Ion Ratio Lower Upper

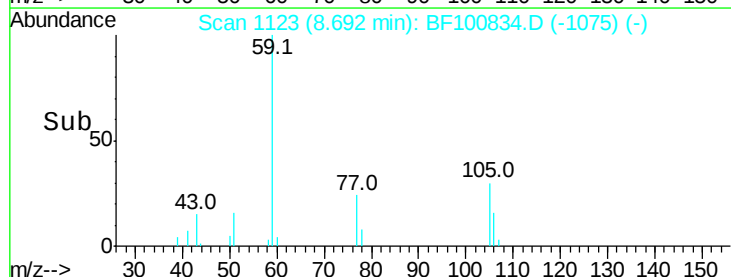
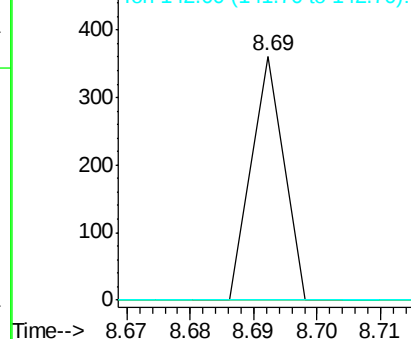
107 100

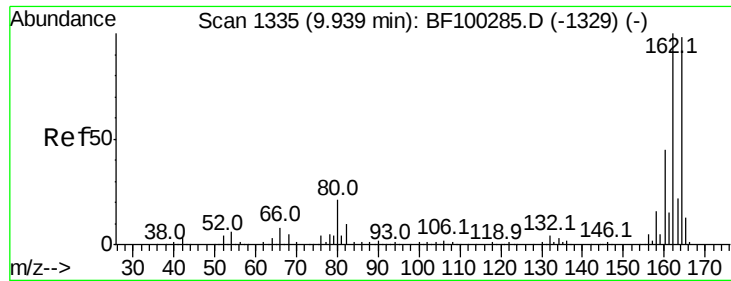
144 0.0 20.5 30.7#

142 0.0 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 144.00 (143.70 to 144.70): BF1
Ion 142.00 (141.70 to 142.70): BF1

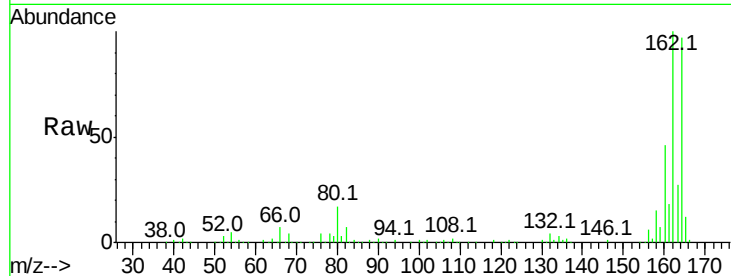




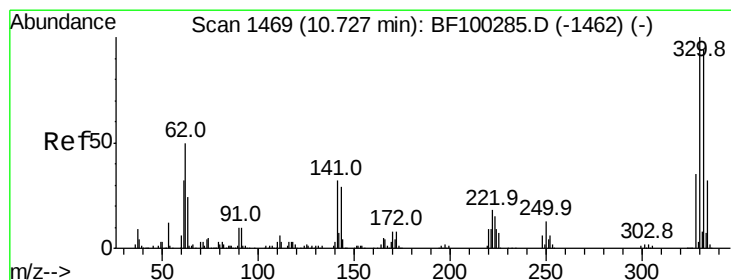
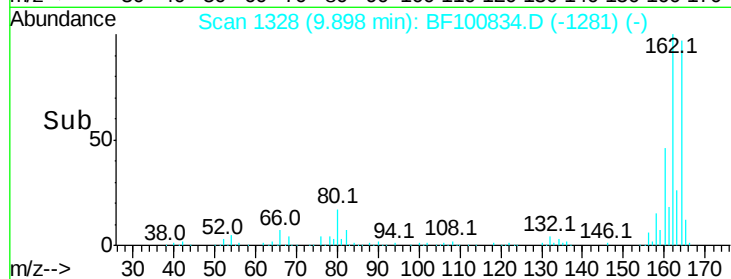
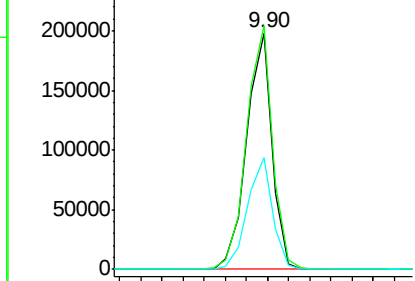
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 164841
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 47.3 38.3 57.5

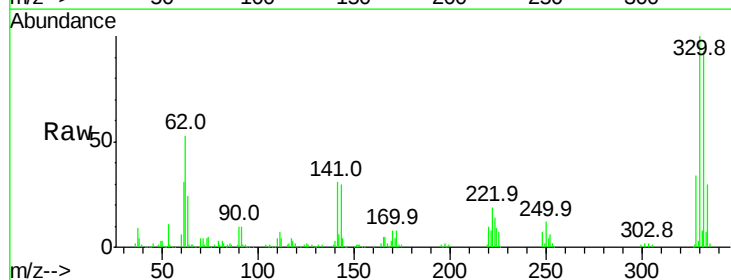


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

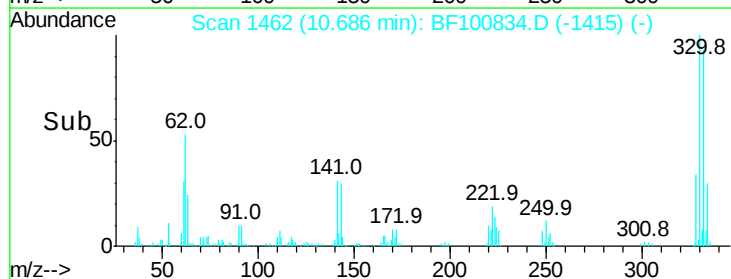
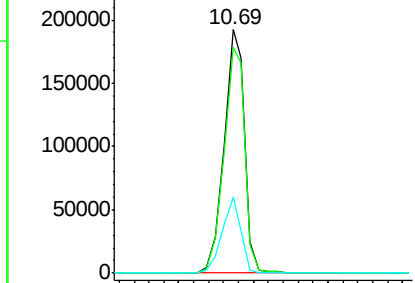


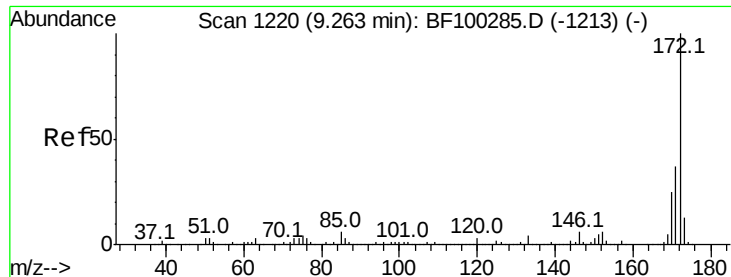
#41
 2,4,6-Tribromophenol
 Concen: 110.913 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Tgt Ion:330 Resp: 186304
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 28.7 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

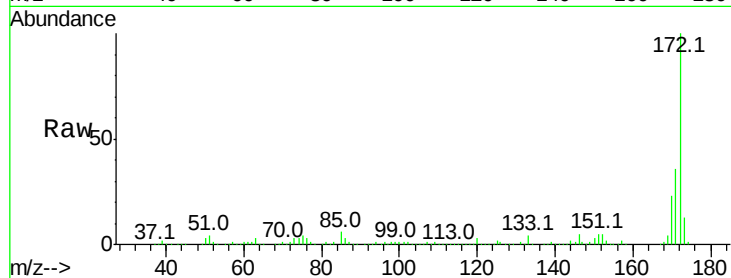




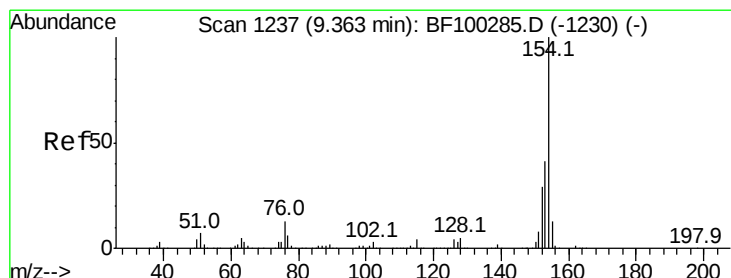
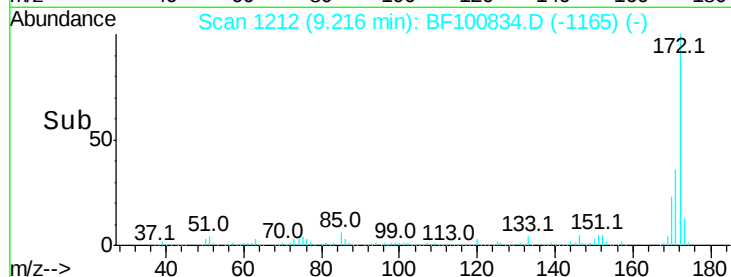
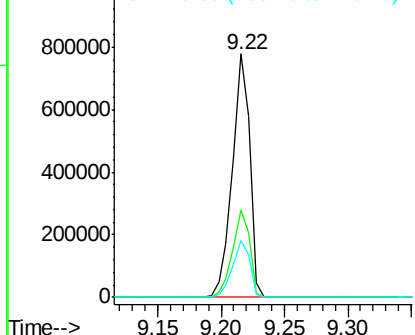
#44
2-Fluorobiphenyl
Concen: 67.773 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 733676
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.2 19.6 29.4

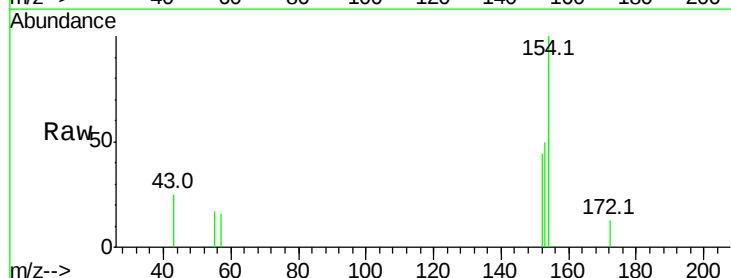


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

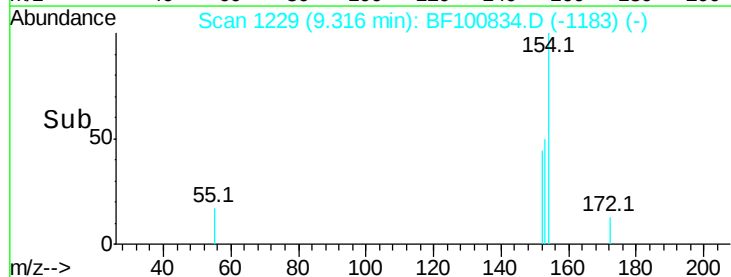
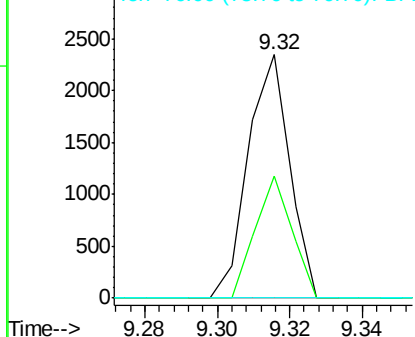


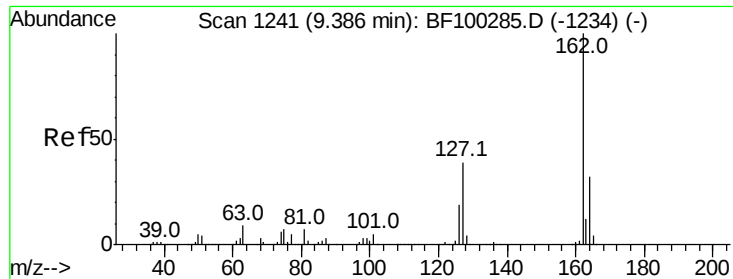
#45
1,1'-Biphenyl
Concen: 0.130 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:154 Resp: 1855
Ion Ratio Lower Upper
154 100
153 50.1 21.3 61.3
76 0.0 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

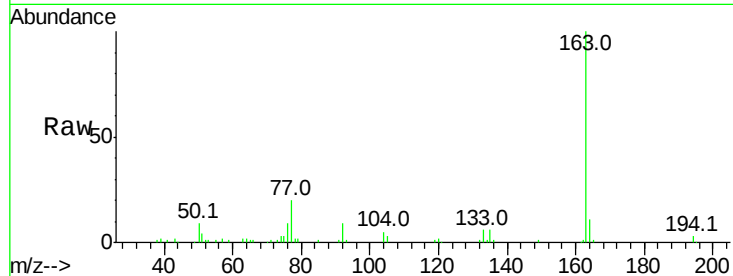




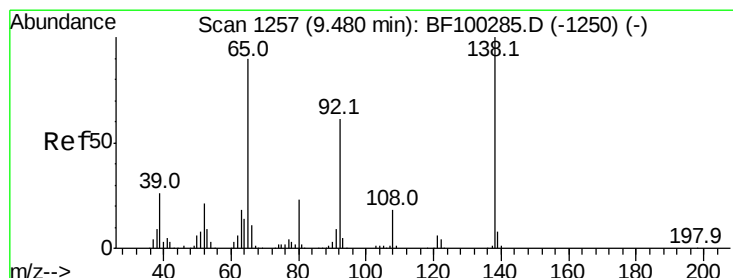
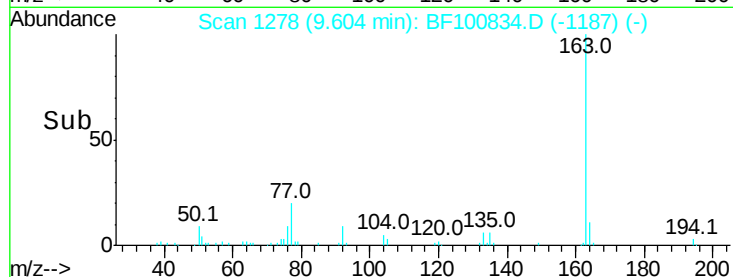
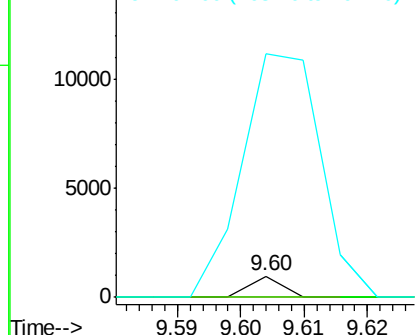
#46
2-Chloronaphthalene
Concen: 0.033 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.24 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 342
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 1150.2 26.5 39.7#

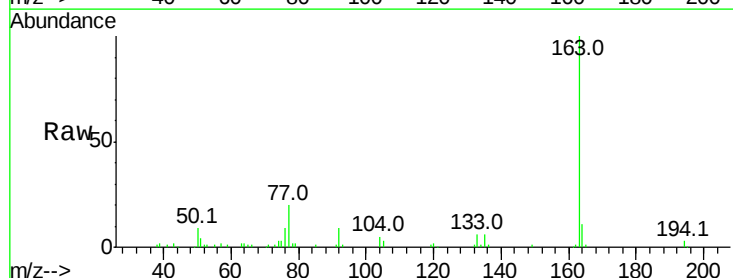


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

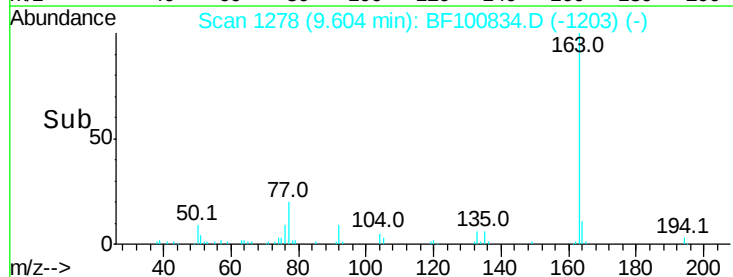
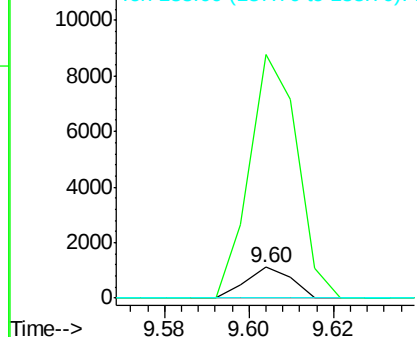


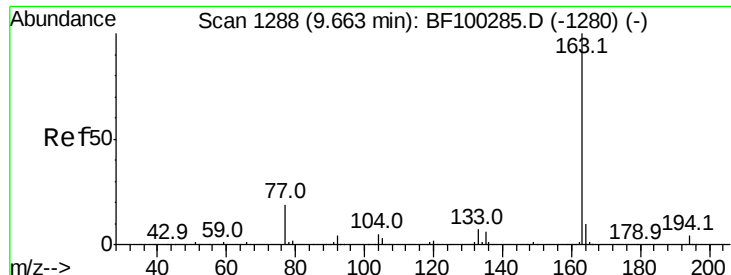
#47
2-Nitroaniline
Concen: 3.040 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.14 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion: 65 Resp: 831
Ion Ratio Lower Upper
65 100
92 786.3 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





#49

Dimethylphthalate

Concen: 7.492 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

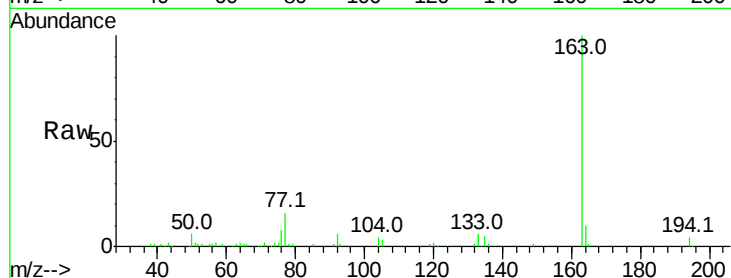
Tot Ion:163 Resp: 94299

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

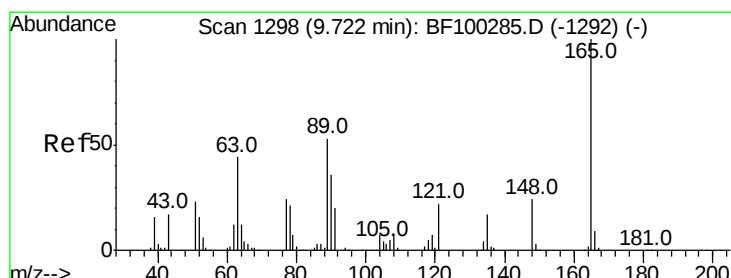
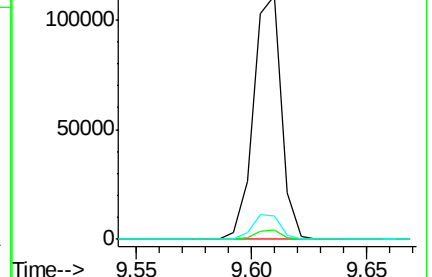
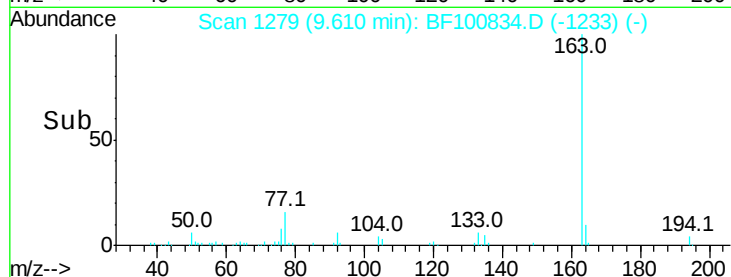
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.385 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.09 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

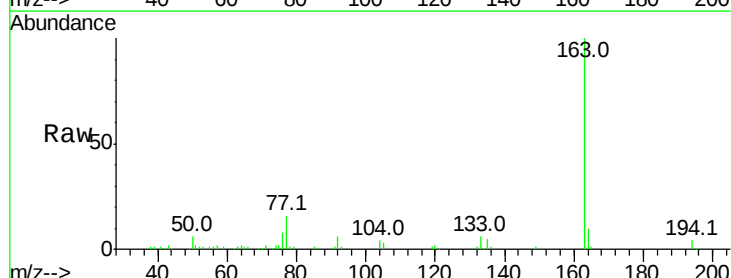
Tgt Ion:165 Resp: 960

Ion Ratio Lower Upper

165 100

63 110.0 44.7 67.1#

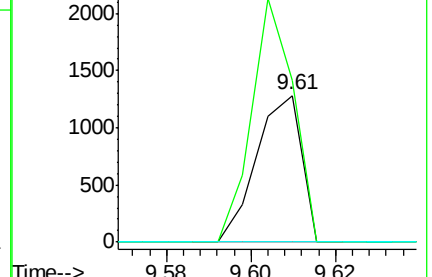
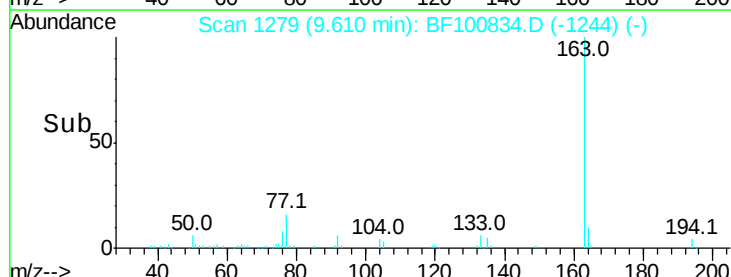
89 0.0 44.0 66.0#

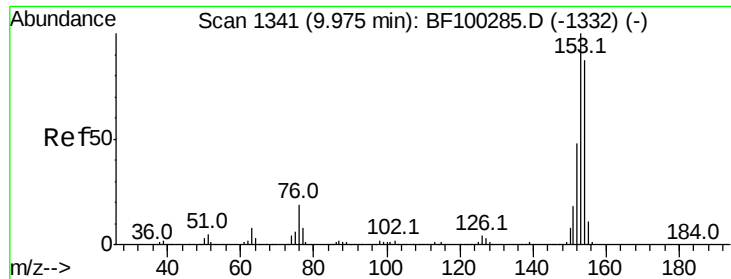


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.045 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

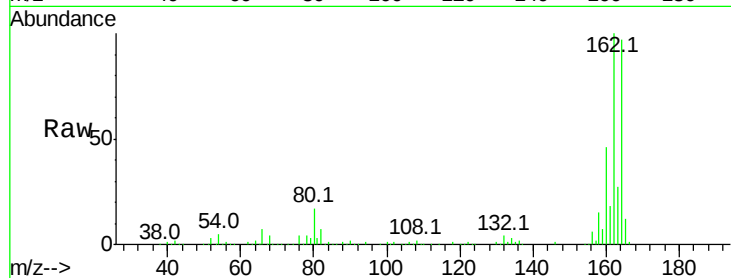
Tot Ion:154 Resp: 468

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

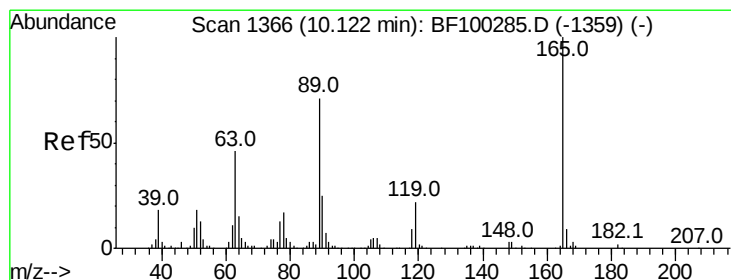
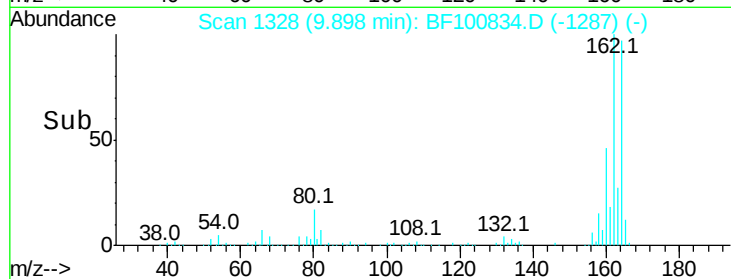
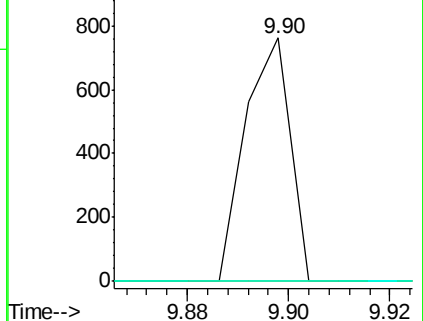
152 0.0 43.8 65.8#



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



#56

2,4-Dinitrotoluene

Concen: 6.627 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Tgt Ion:165 Resp: 20827

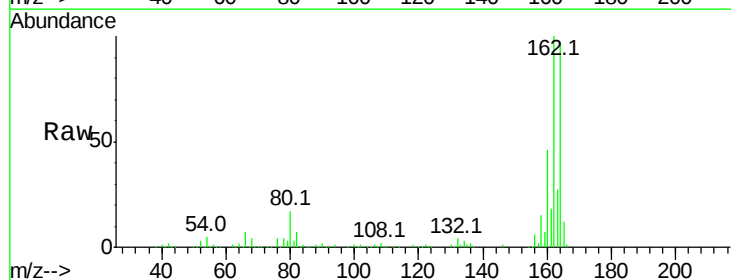
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

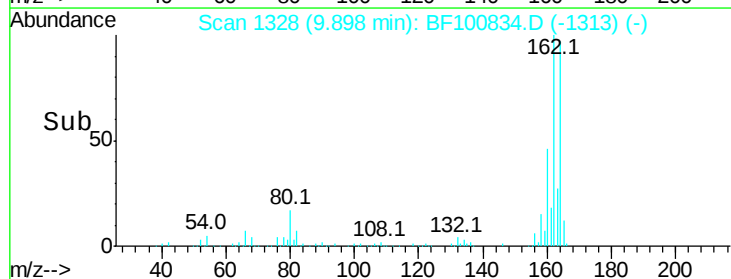
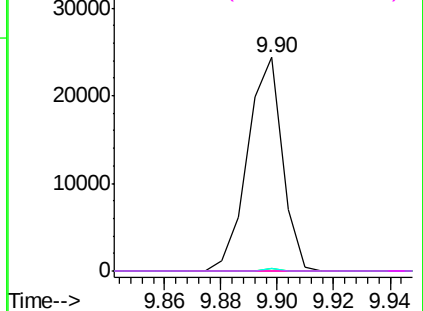


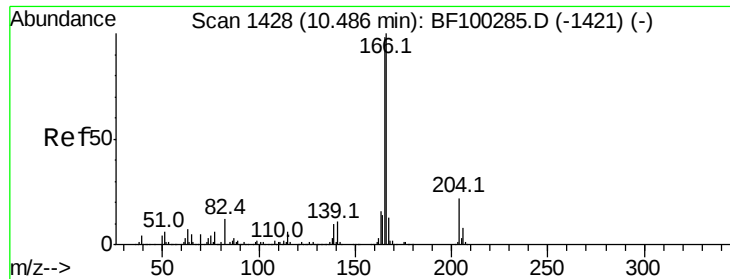
Abundance Ion 165.00 (164.70 to 165.70): E

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

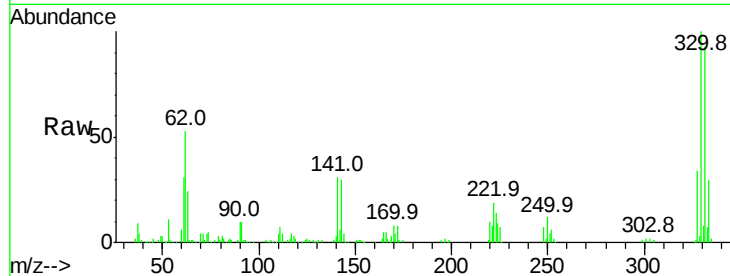




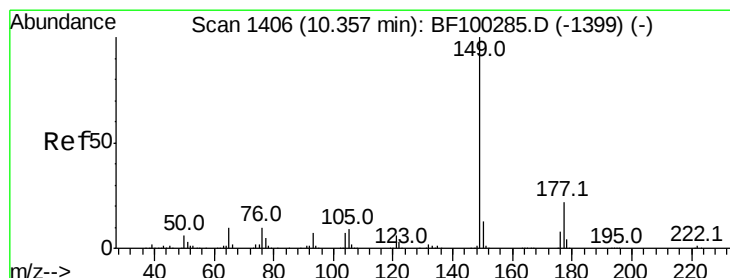
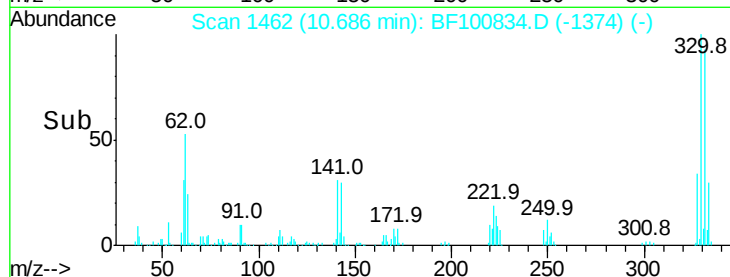
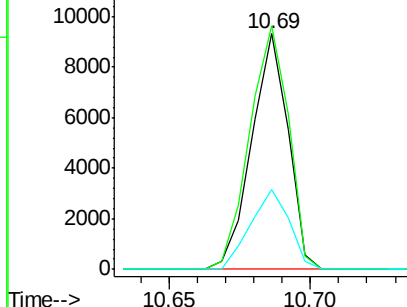
#57
 Fluorene
 Concen: 0.780 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 8354
 Ion Ratio Lower Upper
 166 100
 165 103.2 79.8 119.8
 167 33.8 10.6 16.0#

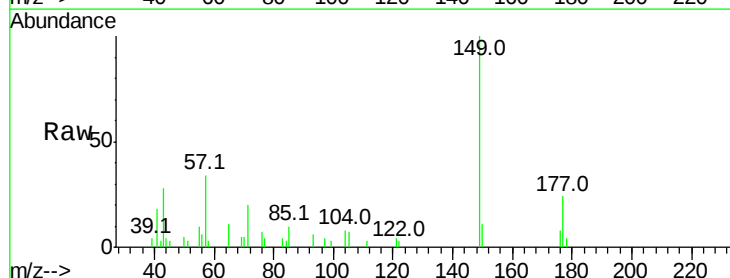


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

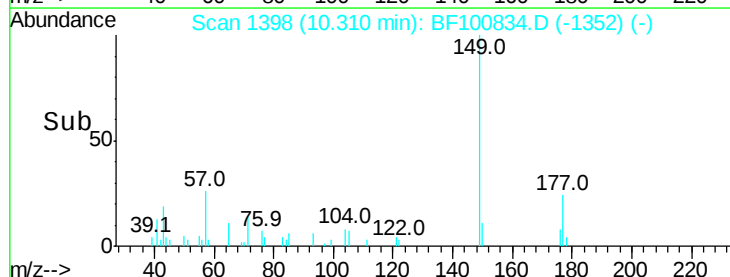
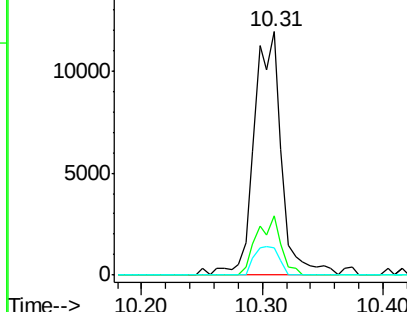


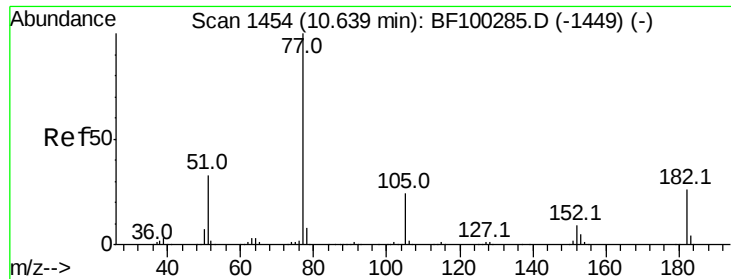
#59
 Diethylphthalate
 Concen: 1.496 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Tgt Ion:149 Resp: 18838
 Ion Ratio Lower Upper
 149 100
 177 24.1 16.1 24.1
 150 11.4 10.1 15.1



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





#62

Azobenzene

Concen: 1.220 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 14477

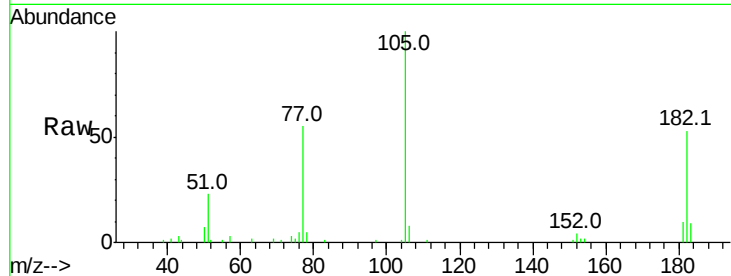
Ion Ratio Lower Upper

77 100

182 96.4 1.7 41.7#

105 181.5 3.0 43.0#

51 42.1 9.9 49.9

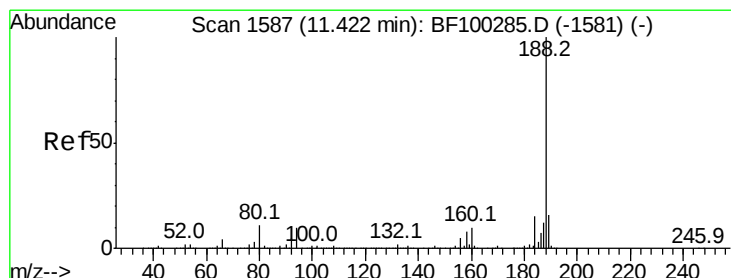
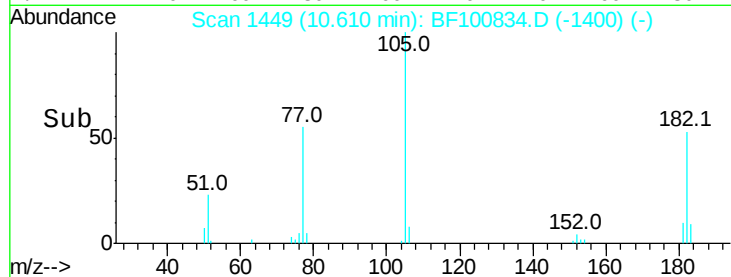
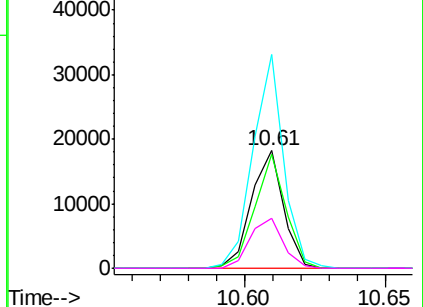


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

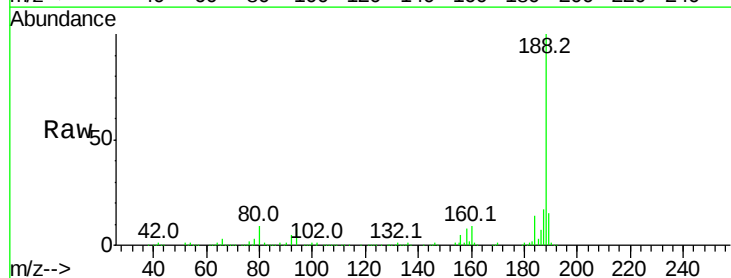
Tgt Ion: 188 Resp: 321628

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

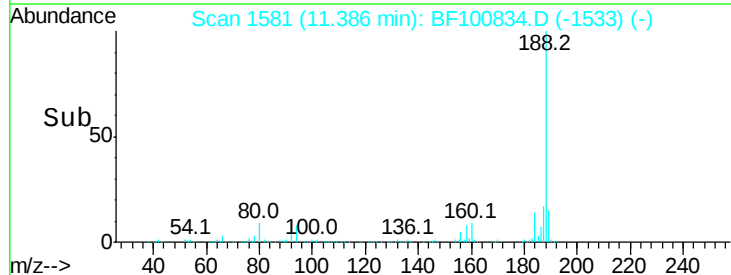
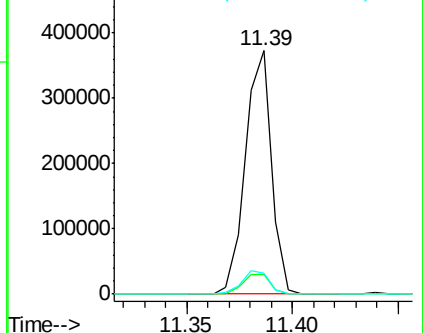
80 8.7 9.2 13.8#

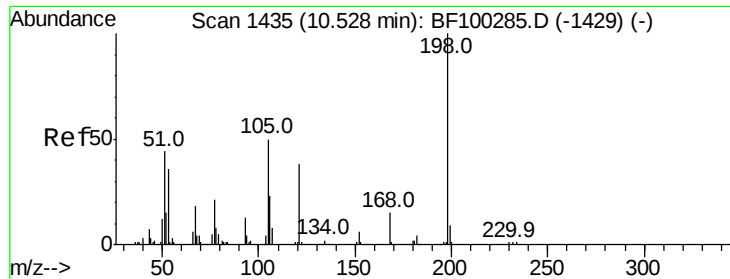


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 8.644 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.17 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

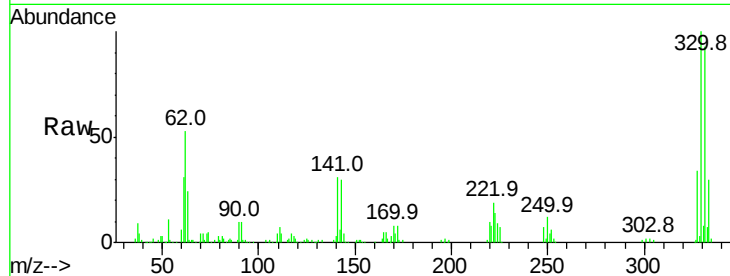
Tot Ion:198 Resp: 147

Ion Ratio Lower Upper

198 100

51 137.9 37.7 77.7#

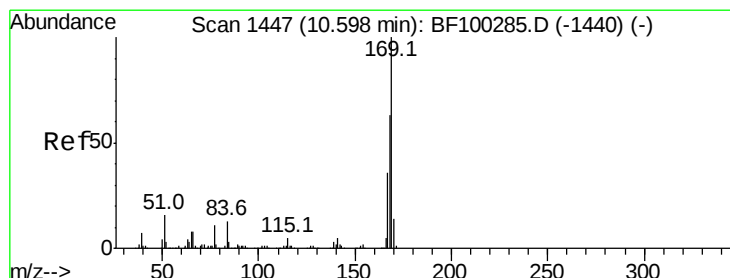
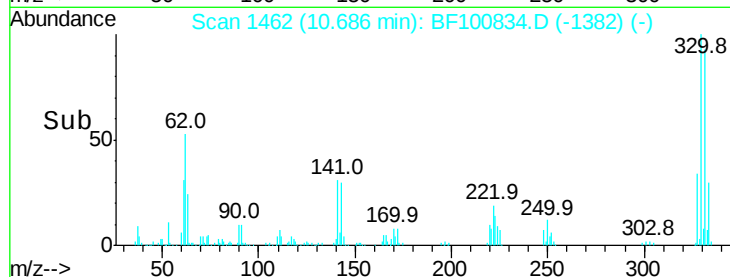
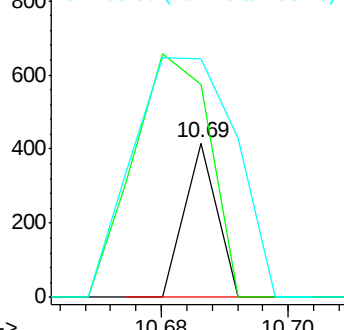
105 154.0 36.3 76.3#



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: 0.474 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.11 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

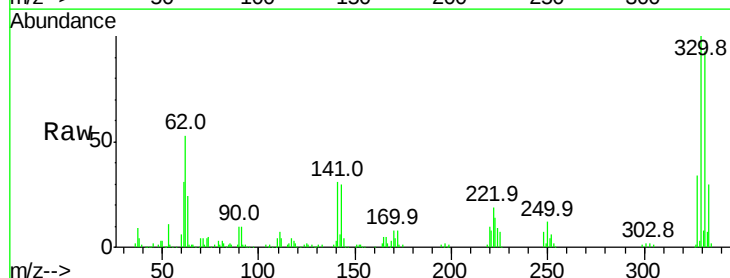
Tgt Ion:169 Resp: 5298

Ion Ratio Lower Upper

169 100

168 8.1 54.4 81.6#

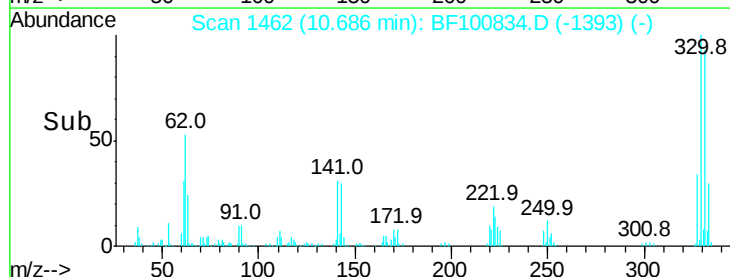
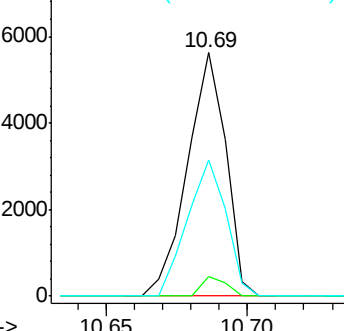
167 56.0 29.8 44.6#

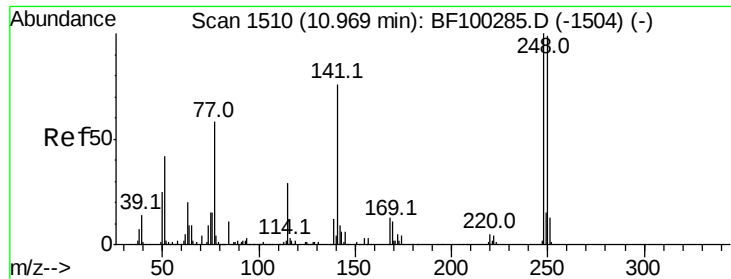


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

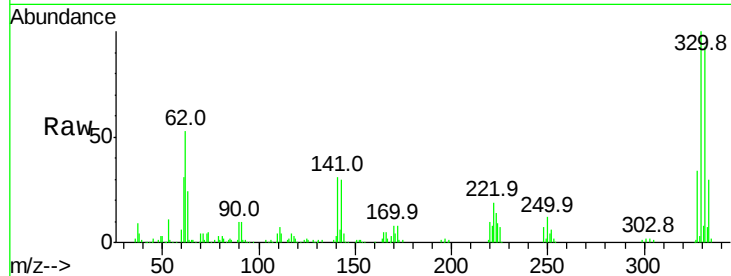




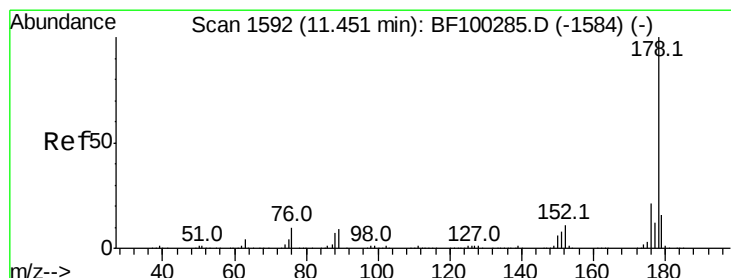
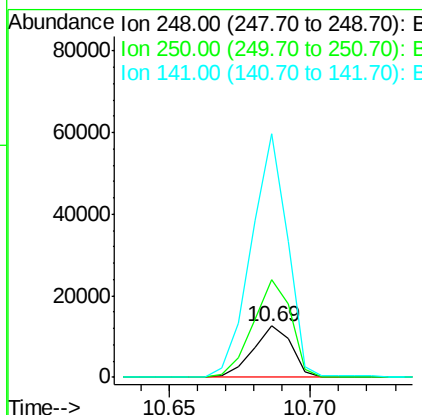
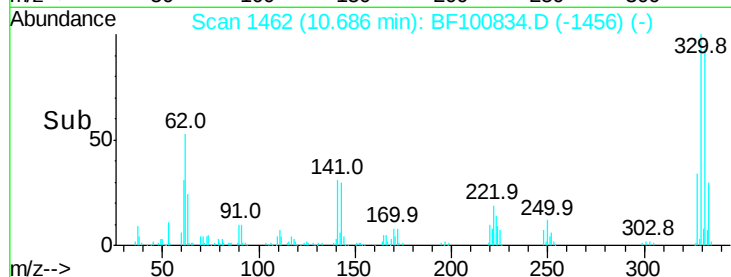
#66
 4-Bromophenyl-phenylether
 Concen: 3.462 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11935
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.9 115.3#
 141 475.7 74.4 111.6#

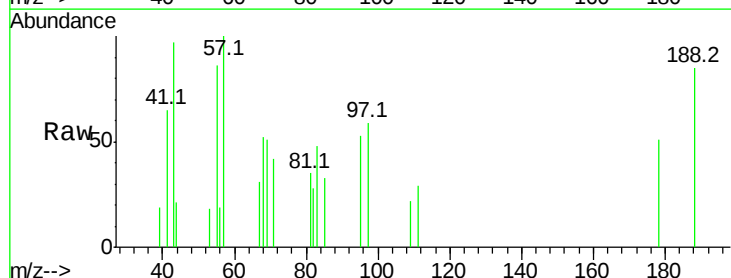


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

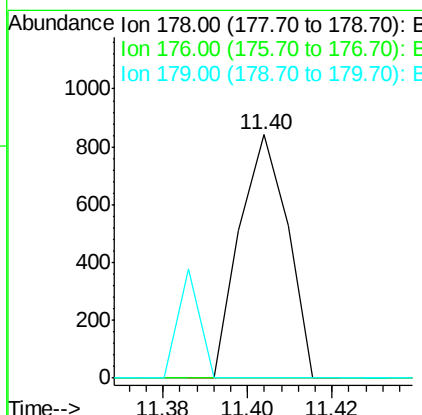
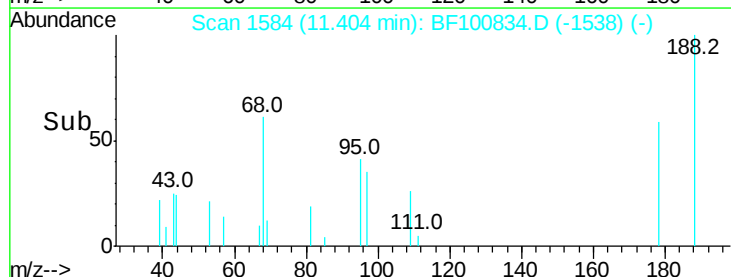


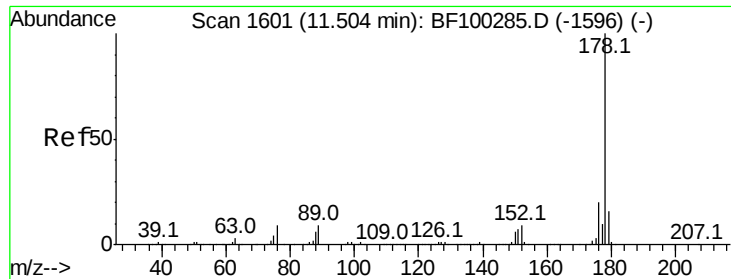
#70
 Phenanthrene
 Concen: 0.039 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Tgt Ion:178 Resp: 664
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 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: 0.039 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

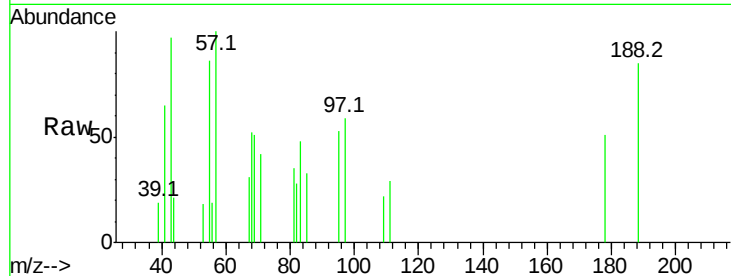
Tot Ion:178 Resp: 664

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

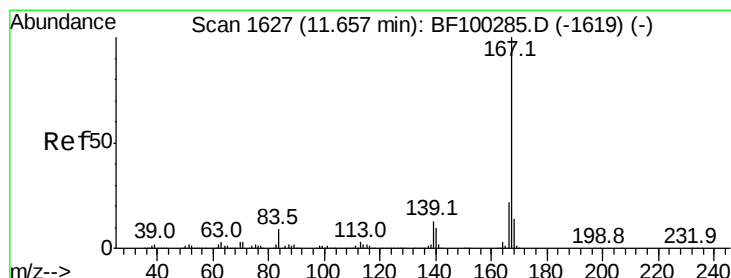
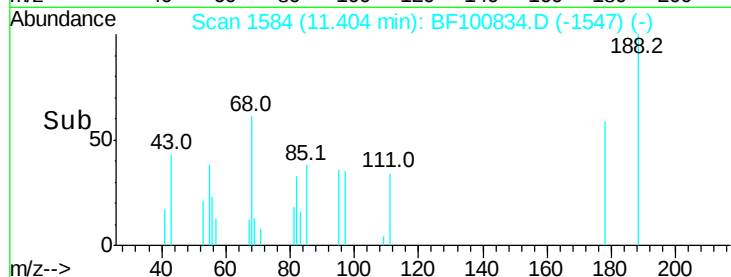
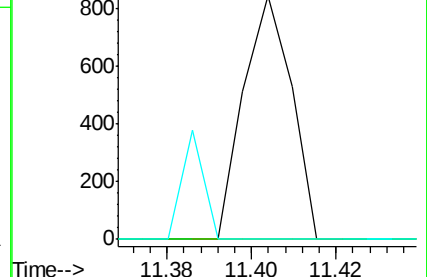
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.023 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

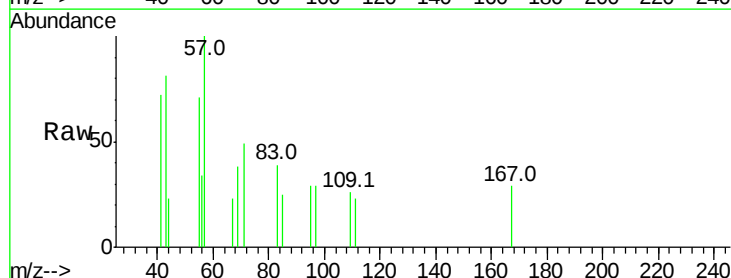
Tgt Ion:167 Resp: 372

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

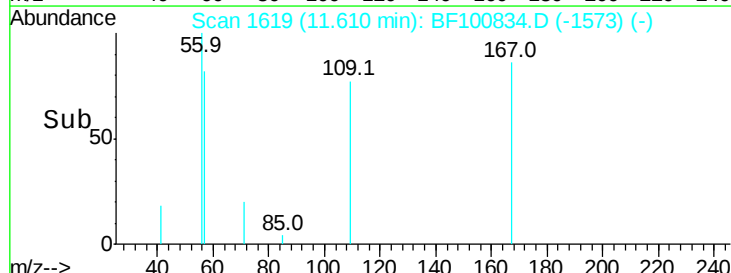
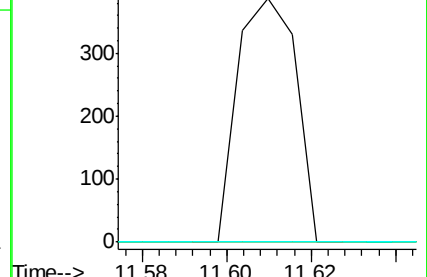
139 0.0 10.9 16.3#

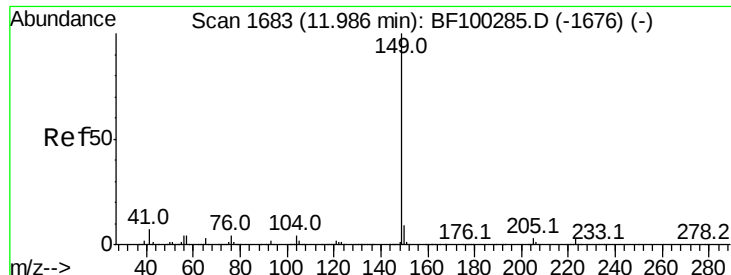


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

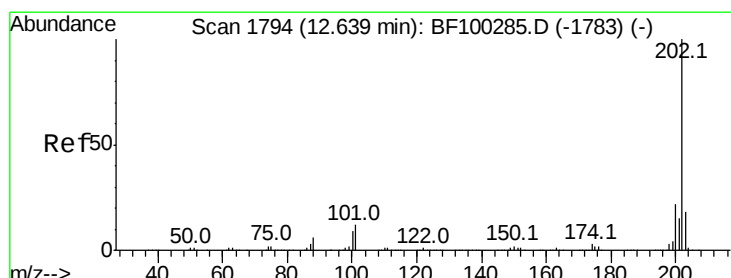
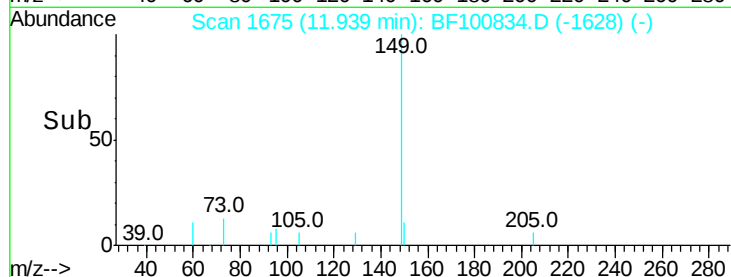
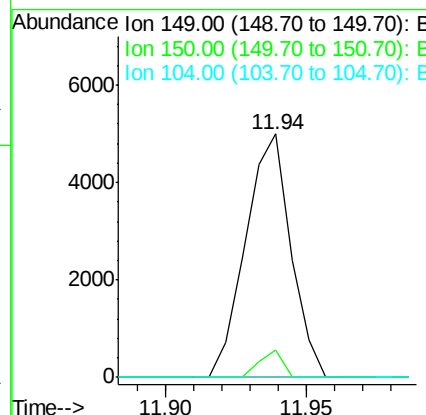
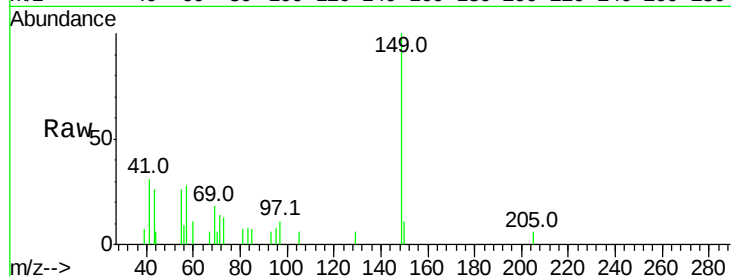




#73
Di-n-butylphthalate
Concen: 0.298 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

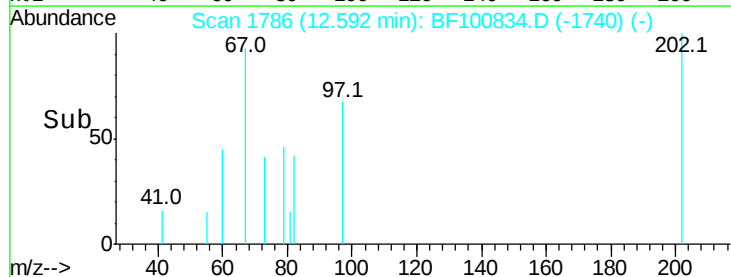
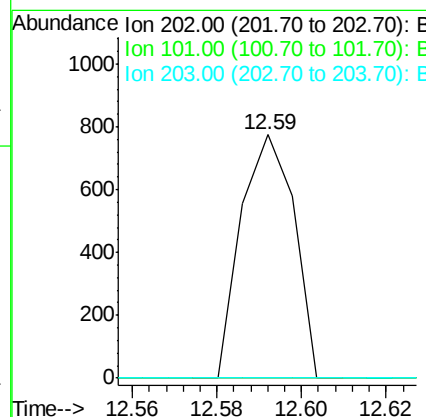
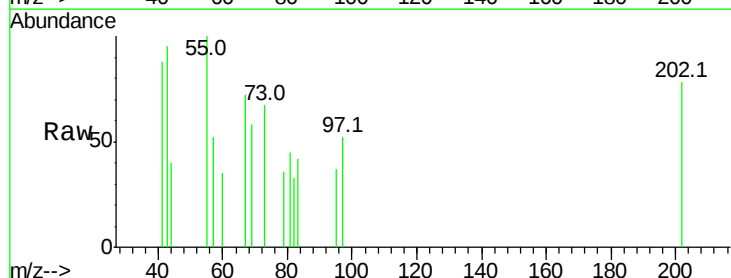
Instrument :
BNA_F
ClientSampleId :

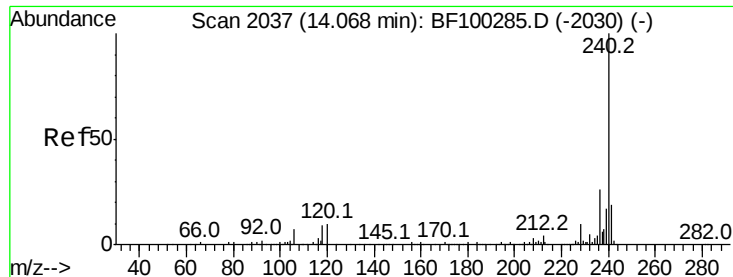
Tot Ion:149 Resp: 5536
Ion Ratio Lower Upper
149 100
150 11.4 7.8 11.6
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 0.037 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:202 Resp: 673
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.1
203 0.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

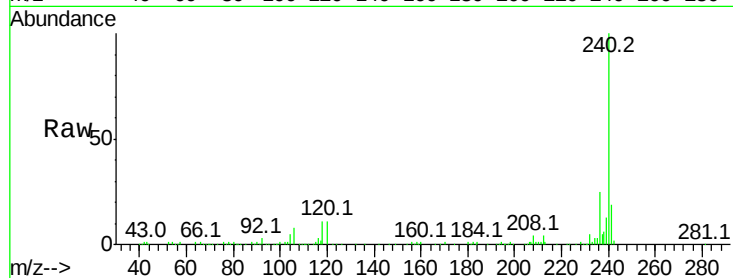
Tot Ion:240 Resp: 199458

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

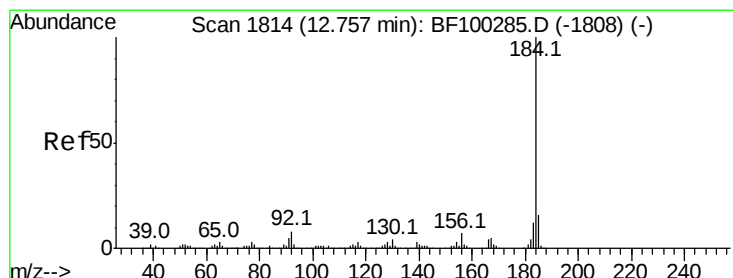
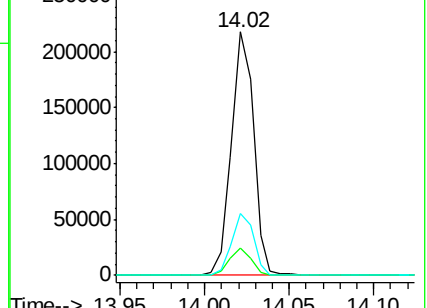
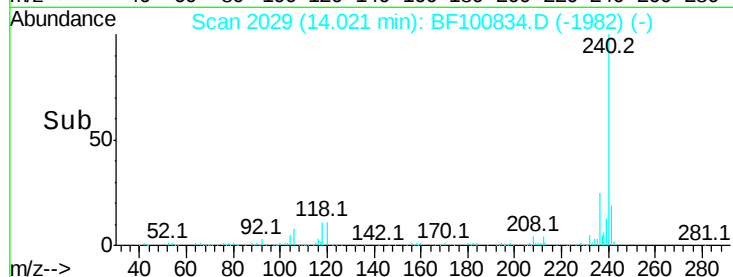
236 25.3 20.7 31.1



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: 1.015 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

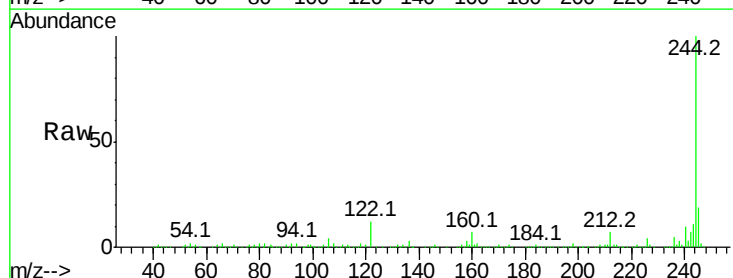
Tgt Ion:184 Resp: 8109

Ion Ratio Lower Upper

184 100

185 19.5 12.6 18.8#

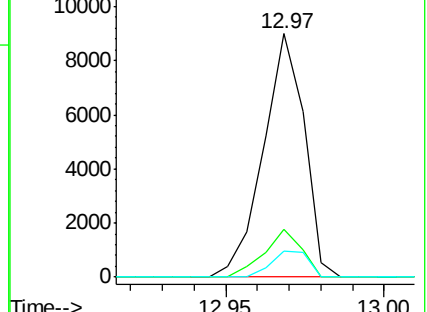
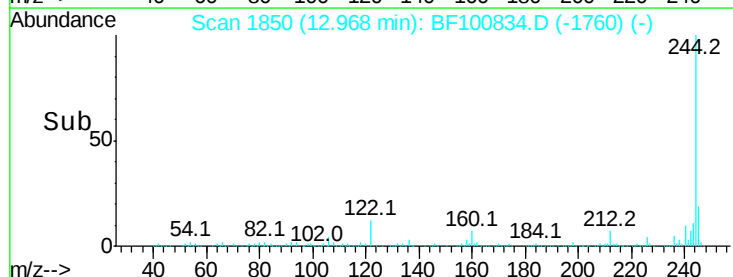
183 10.4 9.3 13.9

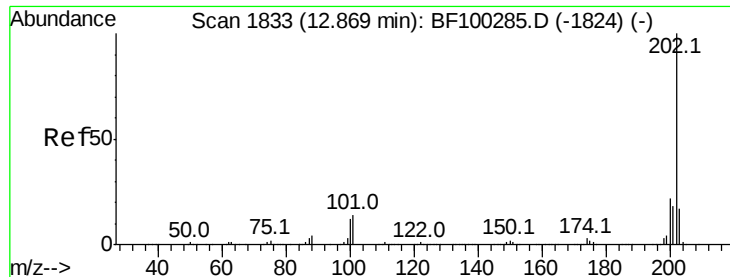


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.070 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

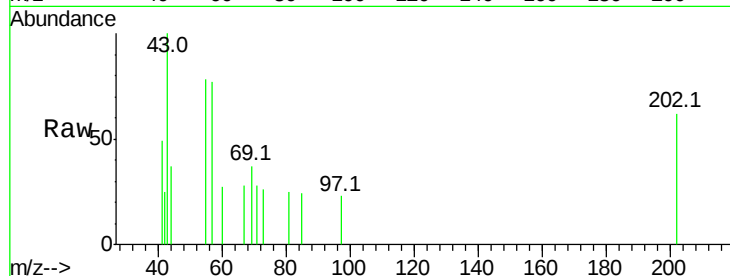
Tot Ion:202 Resp: 1001

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

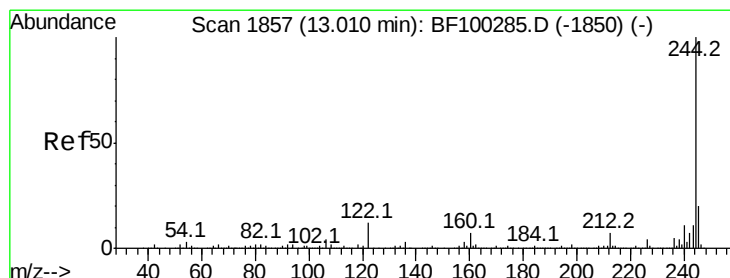
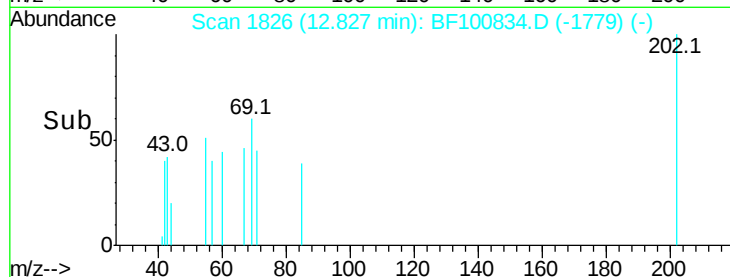
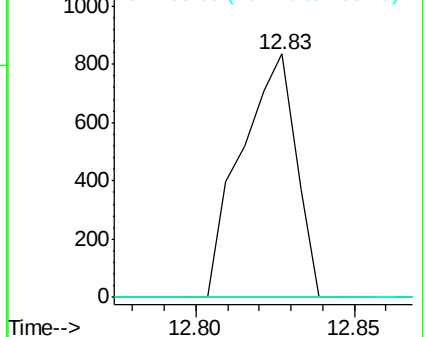
203 0.0 14.3 21.5#



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: 81.995 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

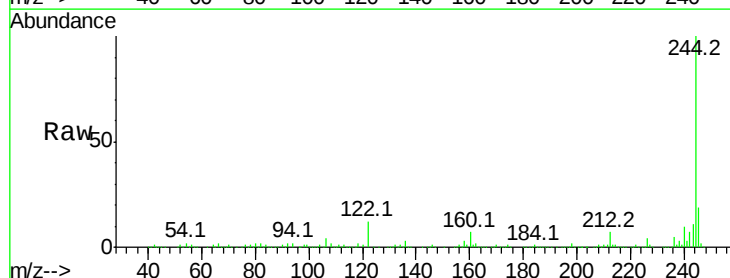
Tgt Ion:244 Resp: 711773

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

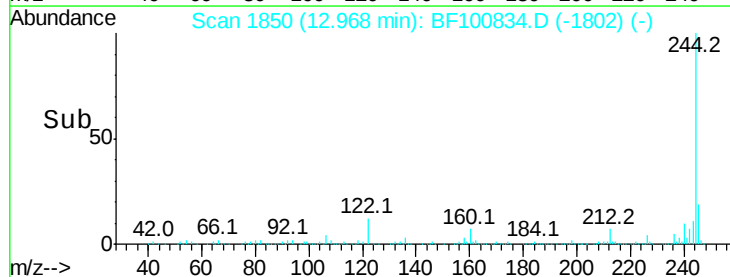
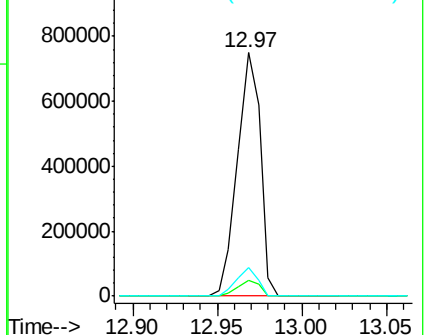
122 11.8 11.0 16.4

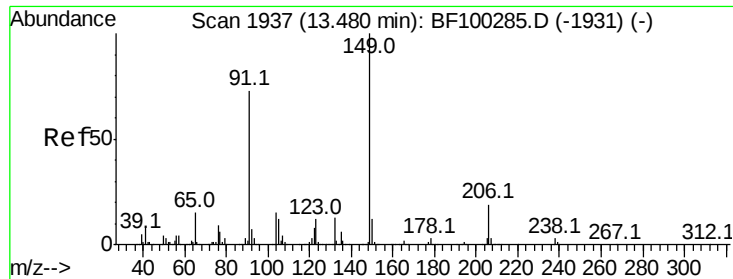


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

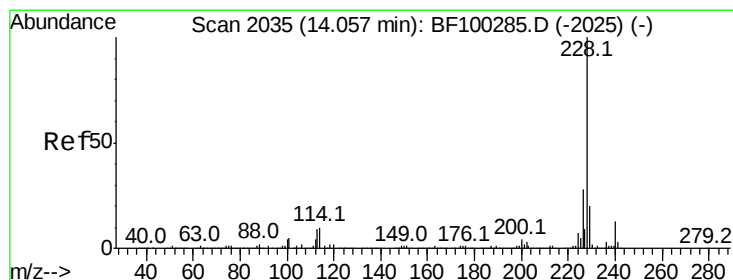
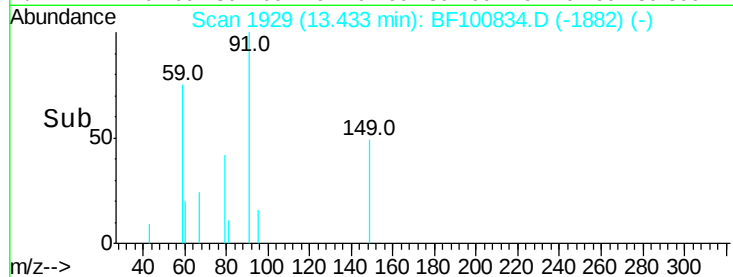
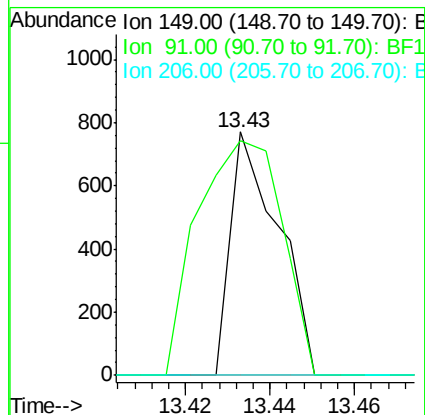
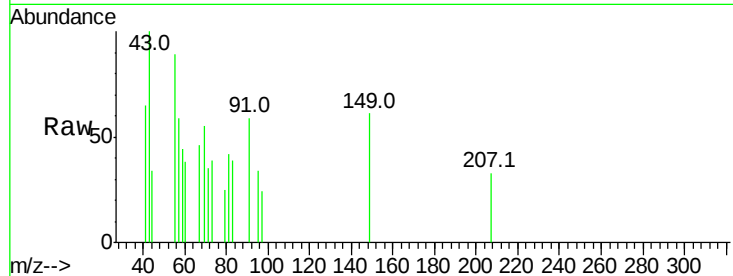




#79
 Butylbenzylphthalate
 Concen: 0.104 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

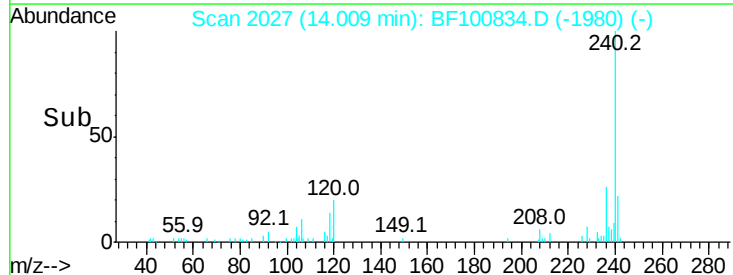
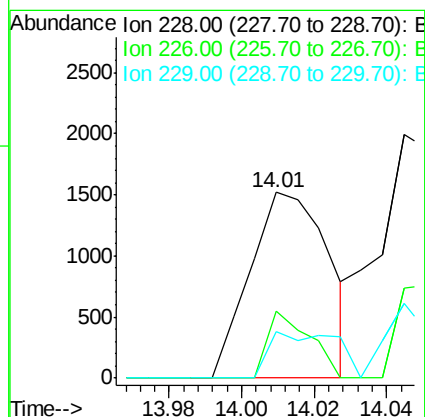
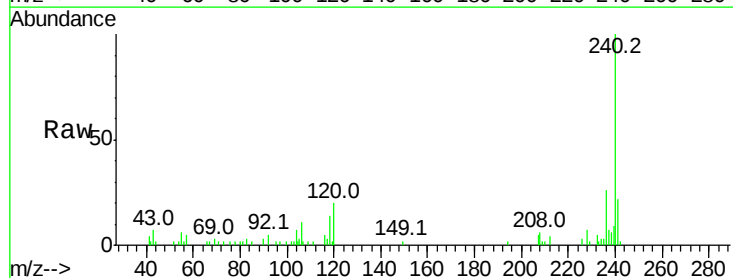
Instrument :
 BNA_F
 ClientSampled :

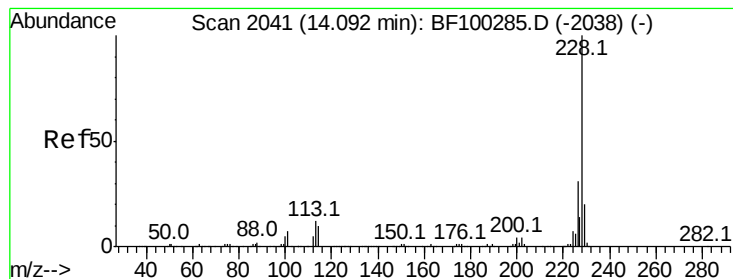
Tot Ion:149 Resp: 605
 Ion Ratio Lower Upper
 149 100
 91 96.5 56.8 85.2#
 206 0.0 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 0.190 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Tgt Ion:228 Resp: 2284
 Ion Ratio Lower Upper
 228 100
 226 36.1 22.6 33.8#
 229 25.3 15.8 23.6#





#82

Chrysene

Concen: 0.196 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

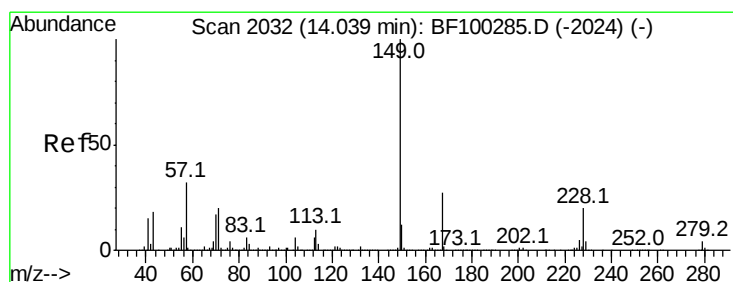
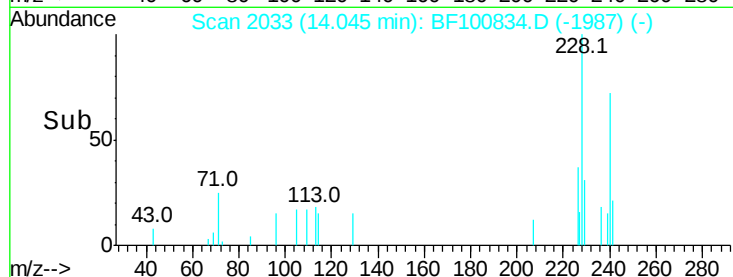
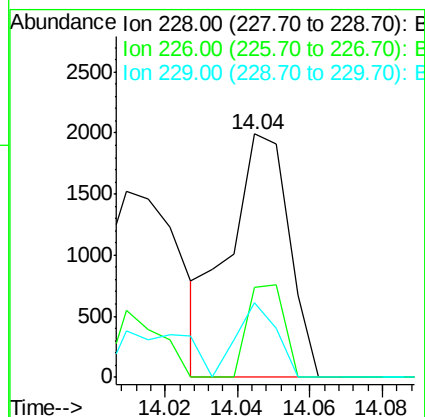
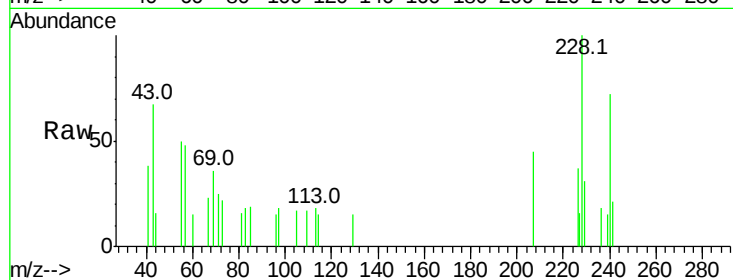
Tot Ion:228 Resp: 2278

Ion Ratio Lower Upper

228 100

226 37.0 25.0 37.6

229 30.9 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.653 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

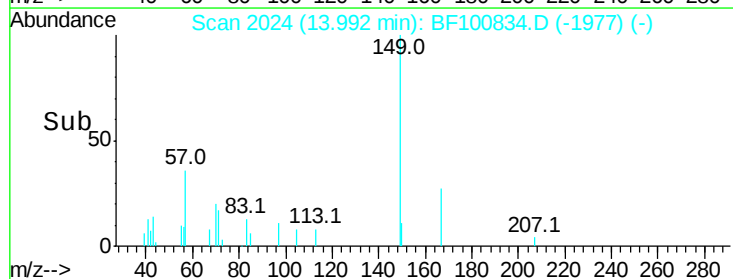
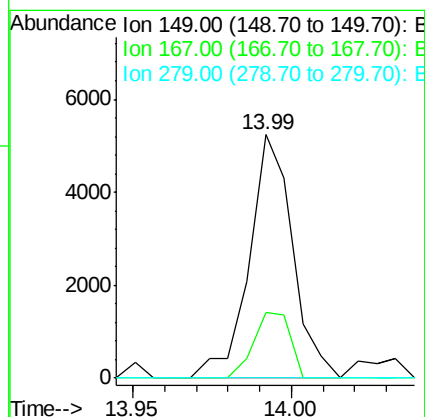
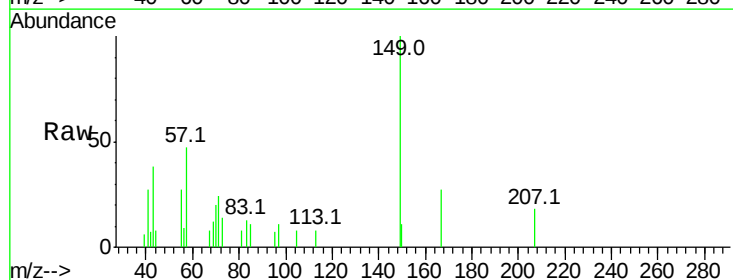
Tgt Ion:149 Resp: 4981

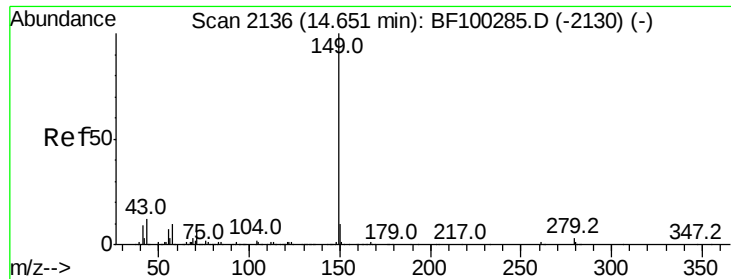
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 0.0 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.235 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

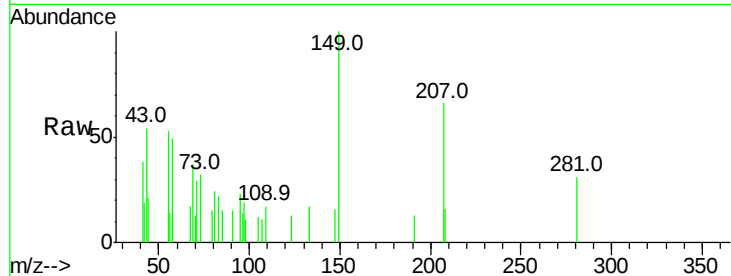
Tot Ion:149 Resp: 3078

Ion Ratio Lower Upper

149 100

167 3.6 1.2 1.8#

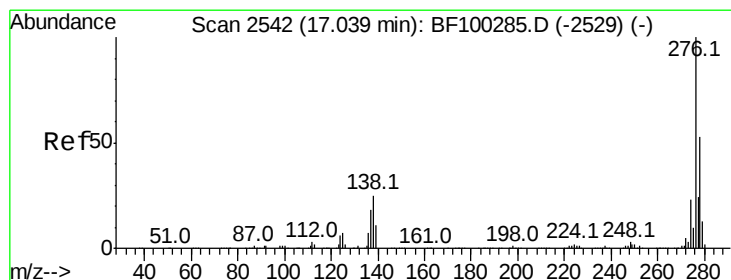
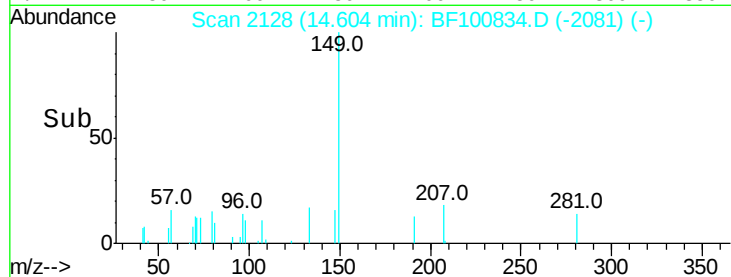
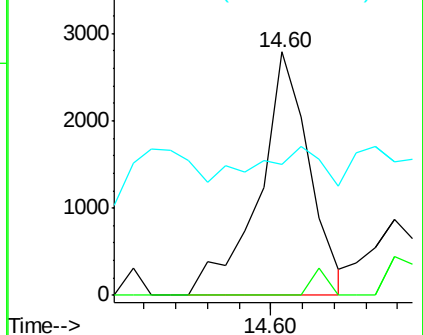
43 23.0 8.4 12.6#



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: 0.250 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.05 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

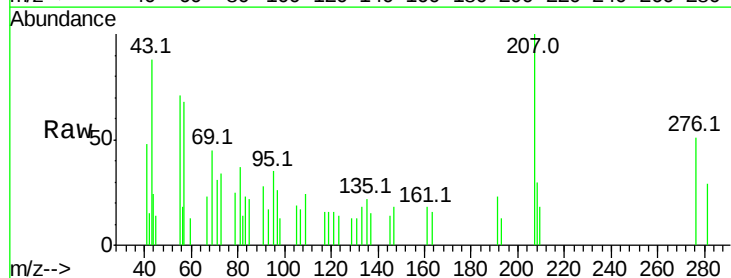
Tgt Ion:276 Resp: 2355

Ion Ratio Lower Upper

276 100

138 13.2 25.0 37.6#

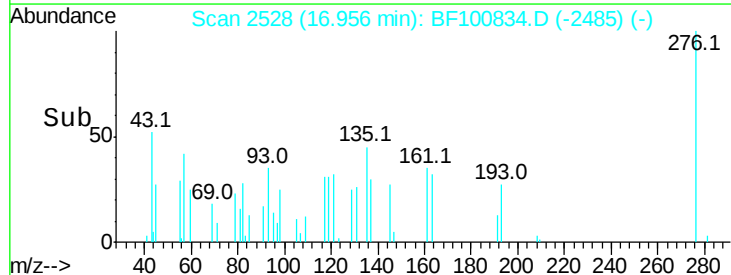
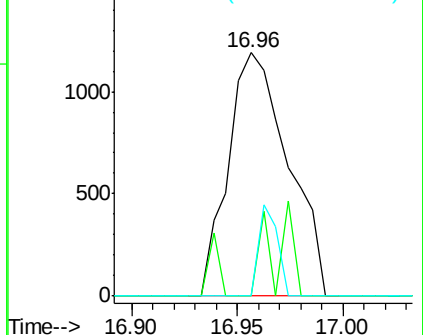
277 11.8 20.1 30.1#

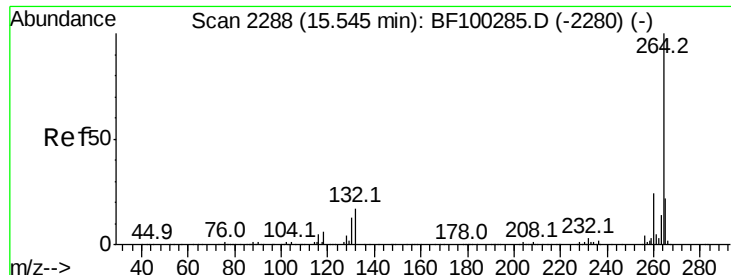


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

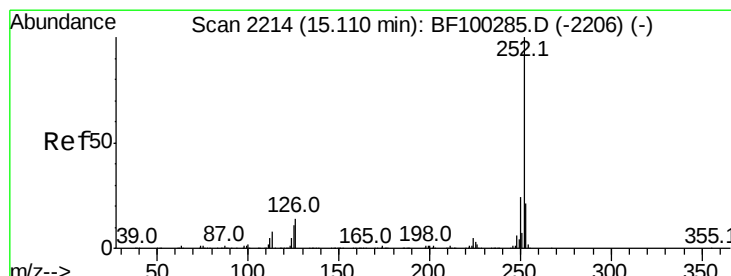
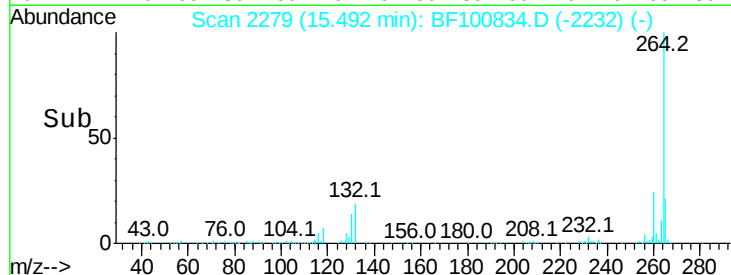
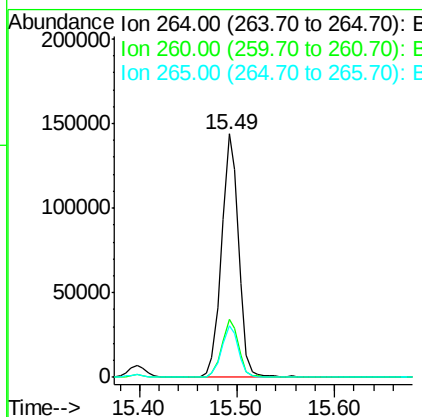
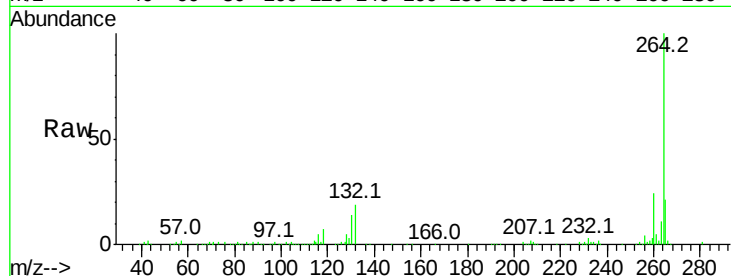




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

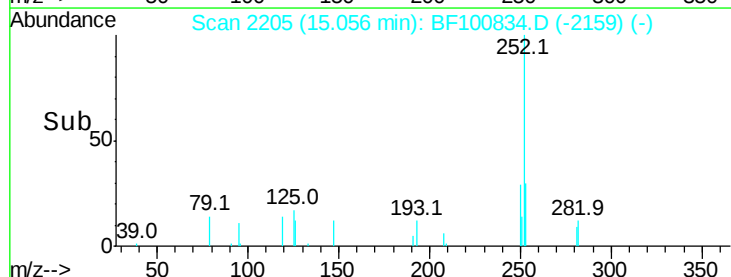
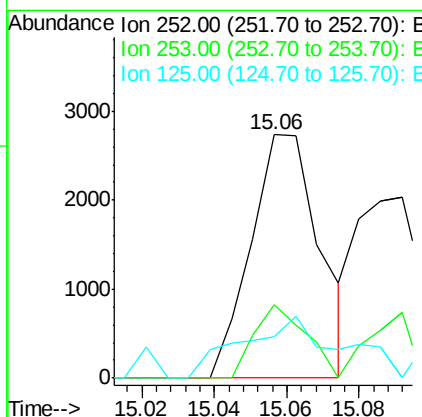
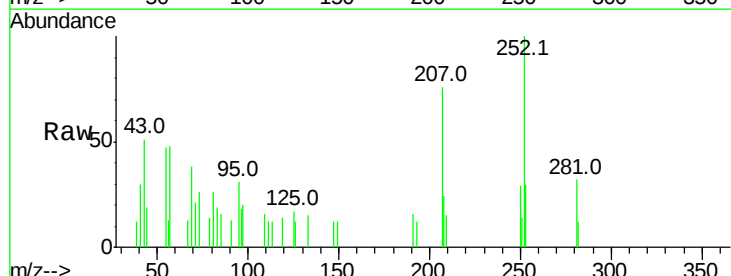
Instrument :
 BNA_F
 ClientSampled :

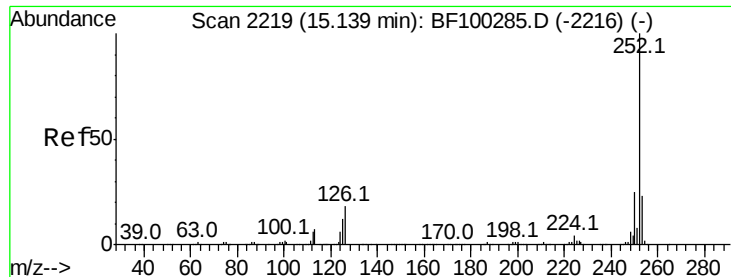
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 0.349 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.03 min
 Lab File: BF100834.D
 Acq: 22 Nov 2017 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	17.2	9.0	13.6#

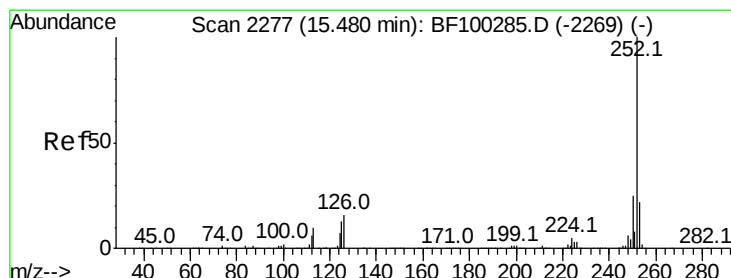
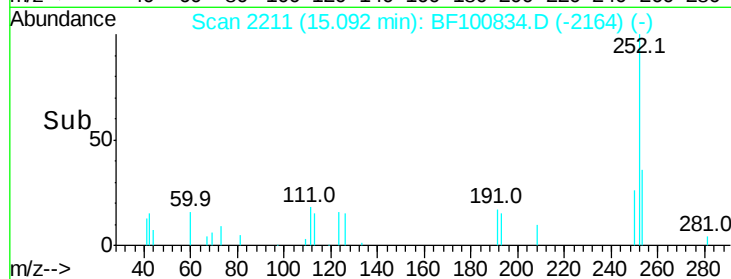
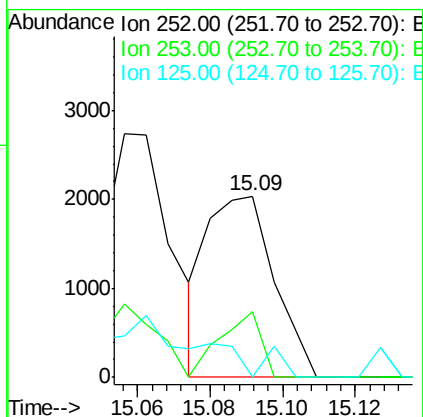
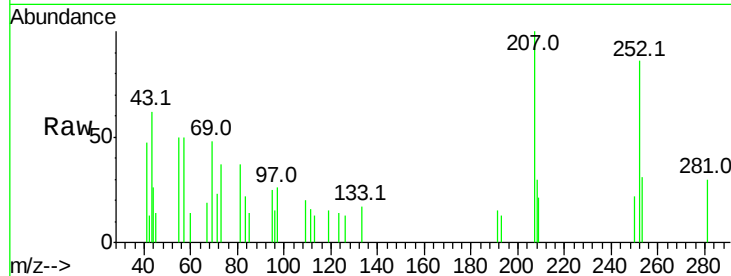




#88
Benzo(k)fluoranthene
Concen: 0.266 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

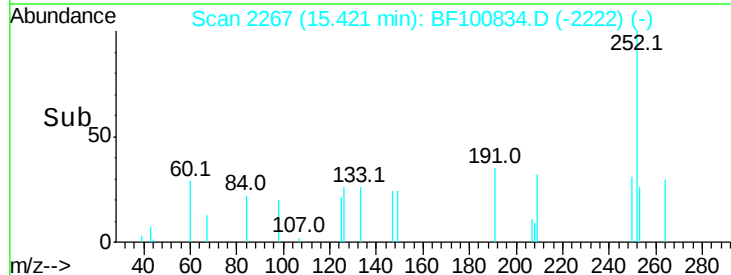
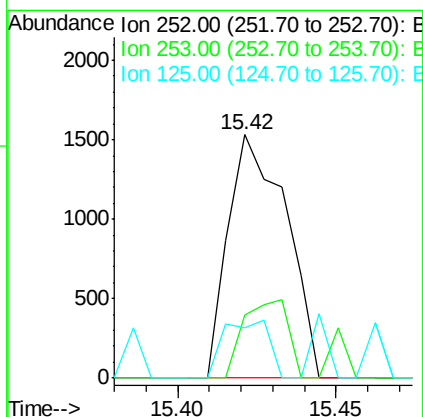
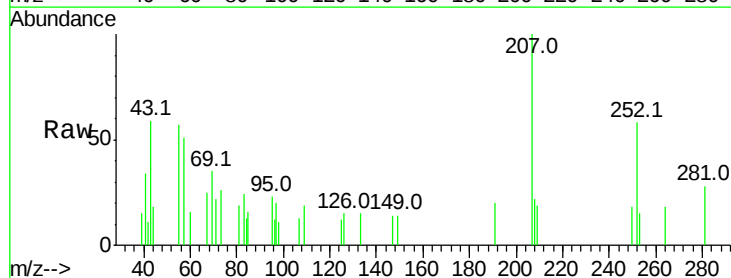
Instrument :
BNA_F
ClientSampleId :

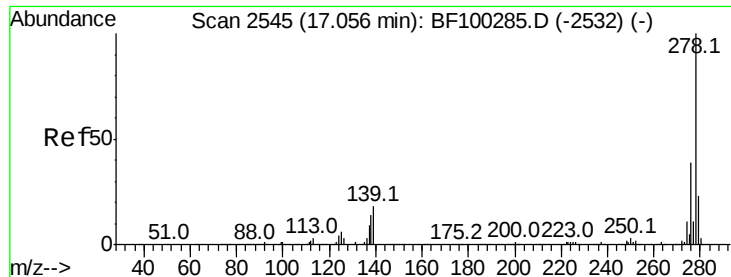
Tot Ion:252 Resp: 2612
Ion Ratio Lower Upper
252 100
253 36.2 17.9 26.9#
125 0.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.211 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF100834.D
Acq: 22 Nov 2017 20:21

Tgt Ion:252 Resp: 1943
Ion Ratio Lower Upper
252 100
253 26.0 17.1 25.7#
125 20.6 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.201 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

Instrument :

BNA_F

ClientSampled :

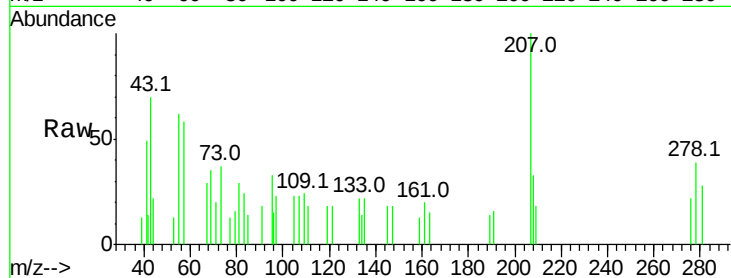
Tot Ion:278 Resp: 1511

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

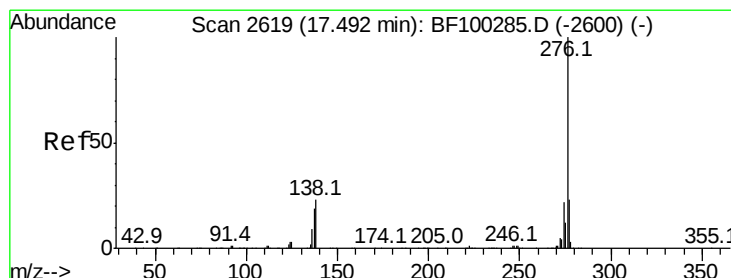
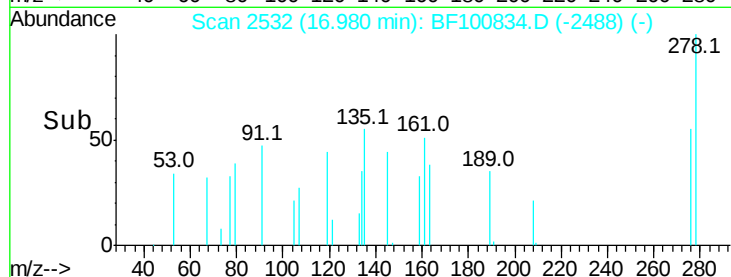
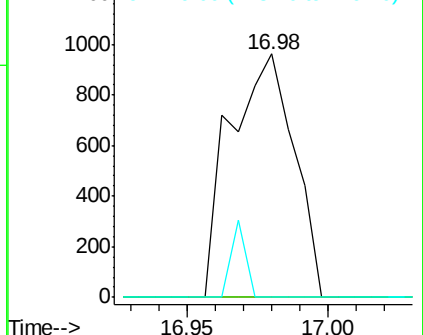
279 0.0 19.0 28.4#



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: 0.252 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.05 min

Lab File: BF100834.D

Acq: 22 Nov 2017 20:21

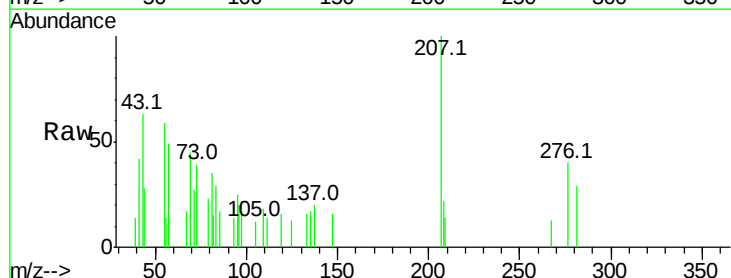
Tgt Ion:276 Resp: 1857

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 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

