

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100838.D
 Acq On : 22 Nov 2017 22:08
 Operator : SJ/JU
 Sample : I6043-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:39:44 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	79648	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	319869	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	147227	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	267855	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	146035	20.00	ng	-0.02
86) Perylene-d12	15.49	264	169983	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	614844	123.74	ng	0.00
7) Phenol-d6	6.49	99	779472	127.22	ng	-0.02
23) Nitrobenzene-d5	7.43	82	487530	100.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	204524	136.33	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	895085	92.58	ng	-0.02
78) Terphenyl-d14	12.97	244	681481	107.22	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.50	93	422	0.049	ng	# 1
9) Benzaldehyde	6.63	77	13850	3.165	ng	83
10) Phenol	6.50	94	19788	3.076	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	805	0.149	ng	# 1
15) Benzyl Alcohol	7.02	79	7573	1.584	ng	# 46
17) 2-Methylphenol	6.99	107	108	0.024	ng	# 42
19) n-Nitroso-di-n-propylamine	7.43	70	64156	15.098	ng	# 75
20) 3+4-Methylphenols	7.30	107	359	0.063	ng	# 26
22) Acetophenone	7.27	105	777	0.100	ng	# 54
24) Nitrobenzene	7.42	77	1533	0.308	ng	# 29
25) Isophorone	7.43	82	487525	47.951	ng	# 64
31) Naphthalene	7.95	128	276	0.018	ng	# 68
36) 4-Chloro-3-methylphenol	8.69	107	1392	0.298	ng	# 20
45) 1,1'-Biphenyl	9.32	154	2410	0.189	ng	97
46) 2-Chloronaphthalene	9.55	162	162	0.018	ng	# 37
47) 2-Nitroaniline	9.55	65	578	2.983	ng	# 1
49) Dimethylphthalate	9.60	163	74733	6.648	ng	99
50) 2,6-Dinitrotoluene	9.61	165	636	0.286	ng	# 38
51) Acenaphthene	9.90	154	469	0.050	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	18810	6.701	ng	# 23
57) Fluorene	10.69	166	9364	0.980	ng	# 88
59) Diethylphthalate	10.30	149	13662	1.215	ng	97
60) 4-Chlorophenyl-phenylether	10.65	204	375	0.080	ng	# 24
62) Azobenzene	10.61	77	155471	14.674	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	262	8.729	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	6113	0.656	ng	# 47
66) 4-Bromophenyl-phenylether	10.69	248	12921	4.500	ng	# 1
70) Phenanthrene	11.40	178	657	0.047	ng	# 59
71) Anthracene	11.40	178	657	0.046	ng	# 60
73) Di-n-butylphthalate	11.94	149	4736	0.307	ng	# 92
74) Fluoranthene	12.59	202	1039	0.070	ng	64
76) Benzidine	12.97	184	8032	1.373	ng	95
77) Pvrene	12.82	202	949	0.091	ng	# 57
79) Butylbenzylphthalate	13.43	149	1295	0.305	ng	# 82

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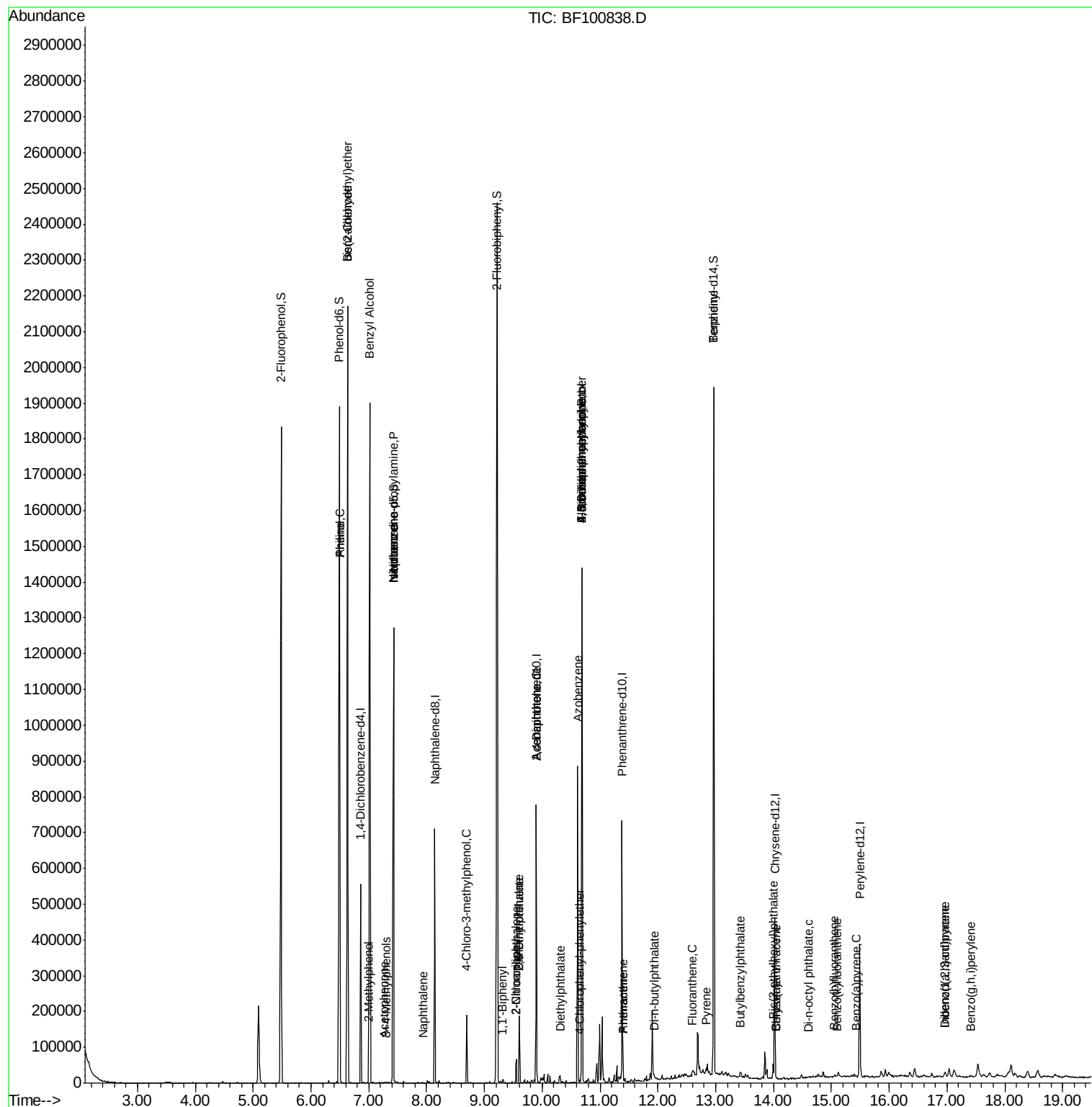
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.04	228	1473	0.167	ng	96
82) Chrysene	14.04	228	1473	0.173	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	10826	1.939	ng	93
84) Di-n-octyl phthalate	14.60	149	1991	0.208	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.97	276	1994	0.289	ng	# 58
87) Benzo(b)fluoranthene	15.06	252	2696	0.268	ng	# 84
88) Benzo(k)fluoranthene	15.09	252	1730	0.182	ng	# 85
89) Benzo(a)pyrene	15.43	252	1374	0.154	ng	# 78
90) Dibenzo(a,h)anthracene	16.97	278	1251	0.171	ng	# 54
91) Benzo(a,h,i)perylene	17.41	276	1448	0.203	ng	# 50

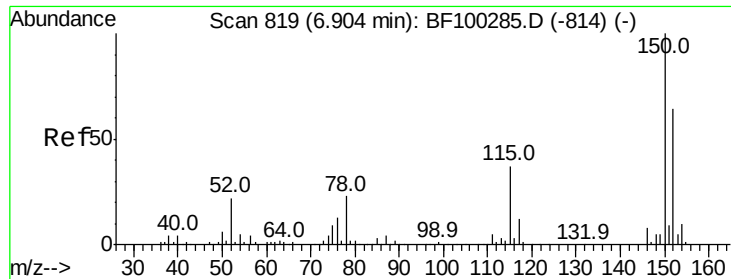
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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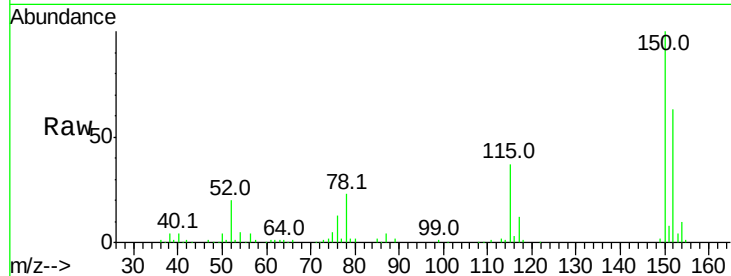


#1

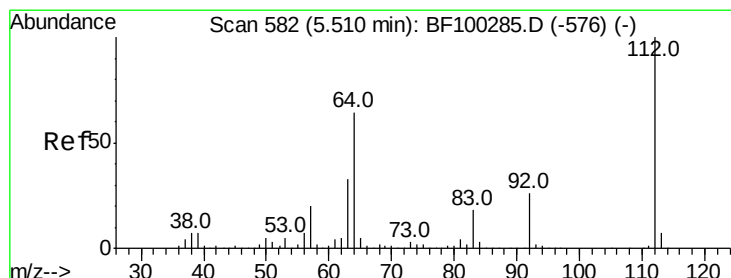
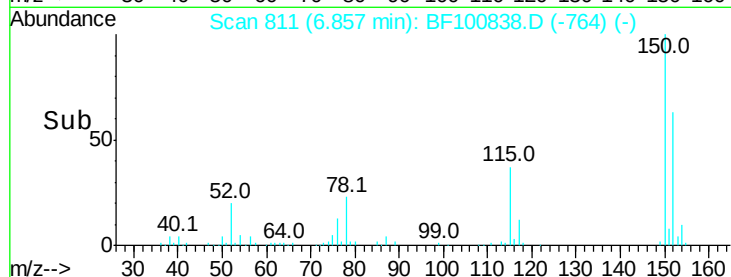
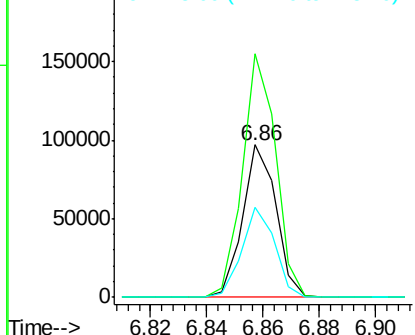
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79648
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 59.1 50.1 75.1



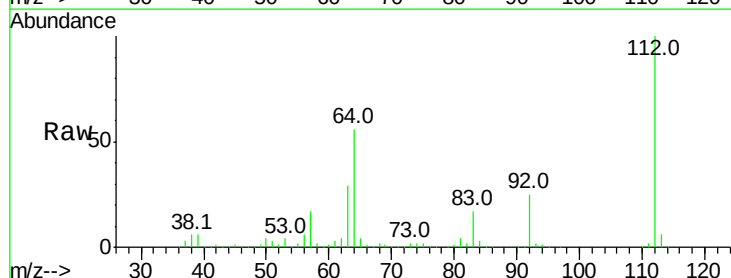
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



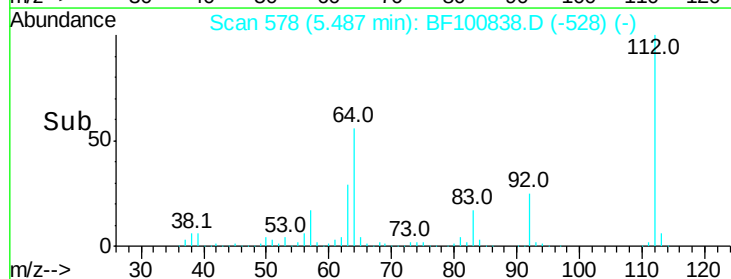
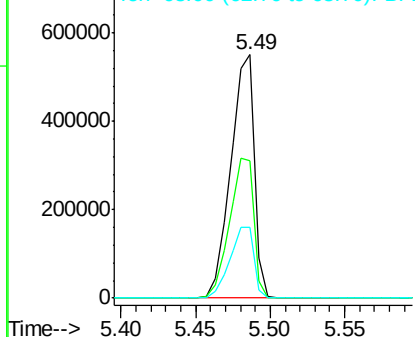
#5

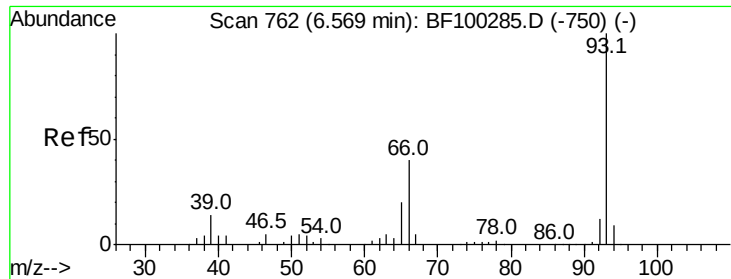
2-Fluorophenol
Concen: 123.743 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:112 Resp: 614844
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.8 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: 0.049 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

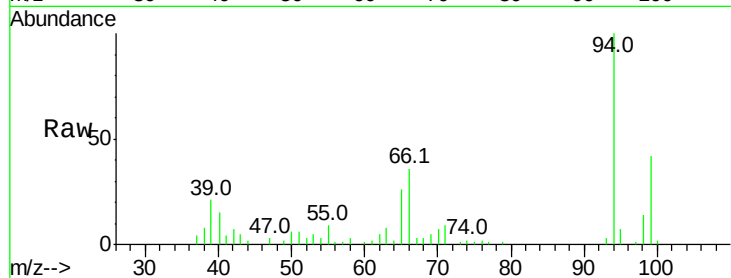
Tot Ion: 93 Resp: 422

Ion Ratio Lower Upper

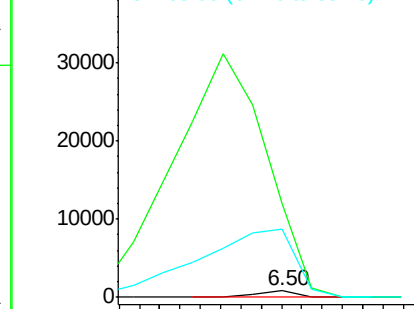
93 100

66 1415.6 32.2 48.2#

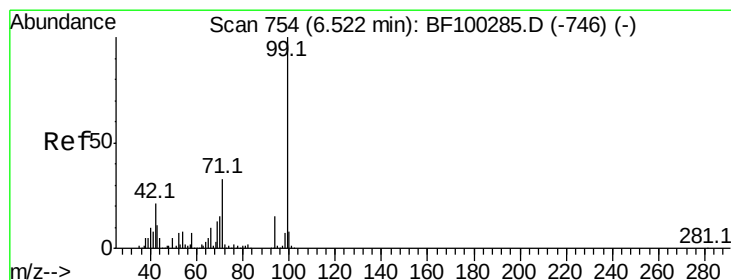
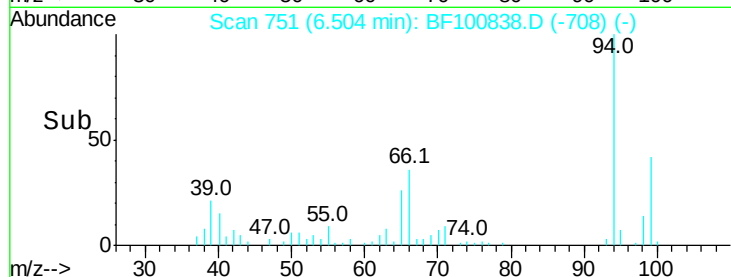
65 1021.1 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 127.217 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

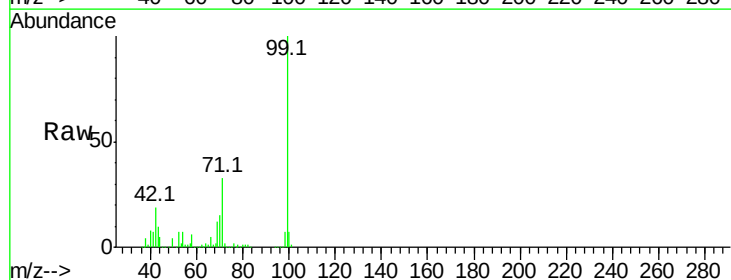
Tgt Ion: 99 Resp: 779472

Ion Ratio Lower Upper

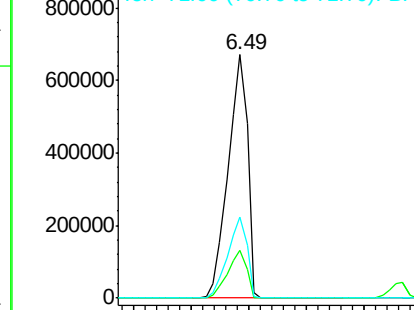
99 100

42 19.5 14.5 21.7

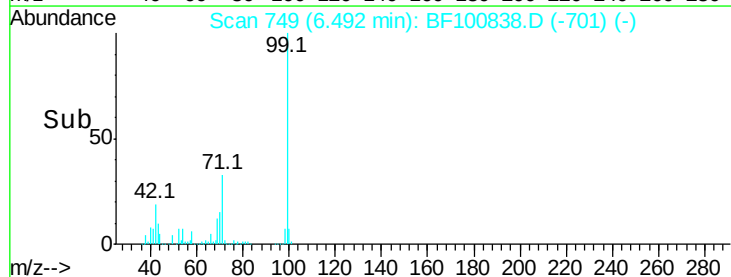
71 33.3 25.4 38.0

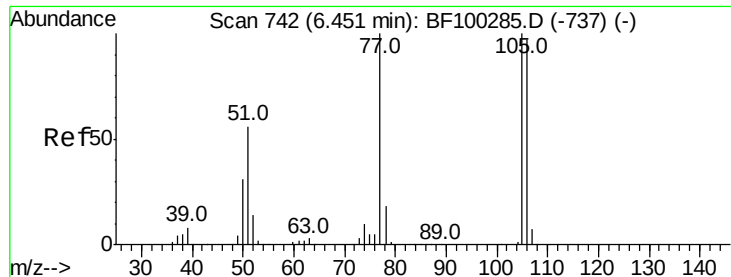


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 3.165 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.20 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

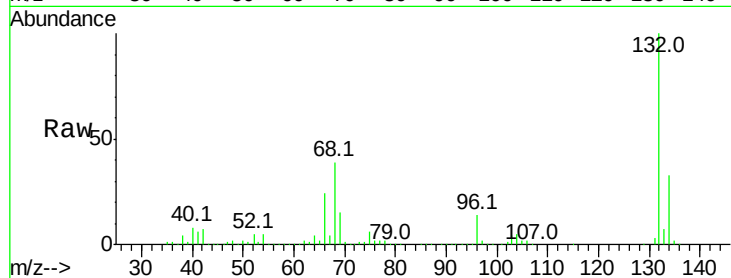
Tot Ion: 77 Resp: 13850

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

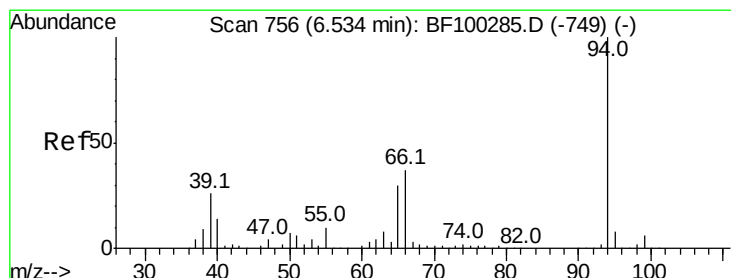
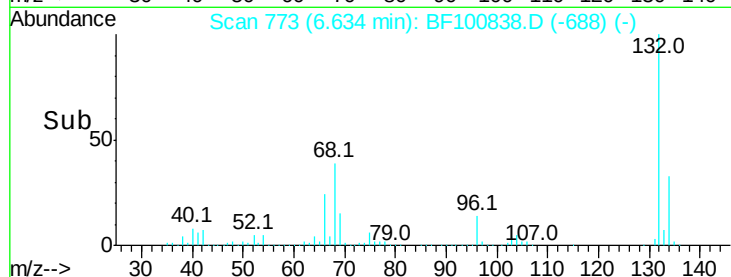
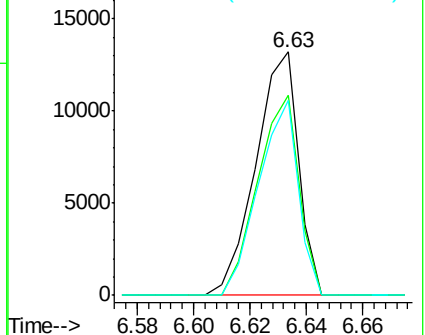
106 80.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 3.076 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

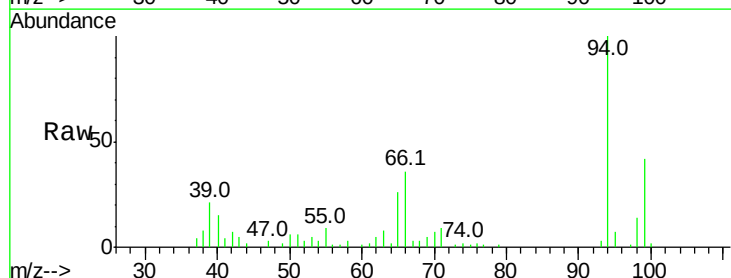
Tgt Ion: 94 Resp: 19788

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

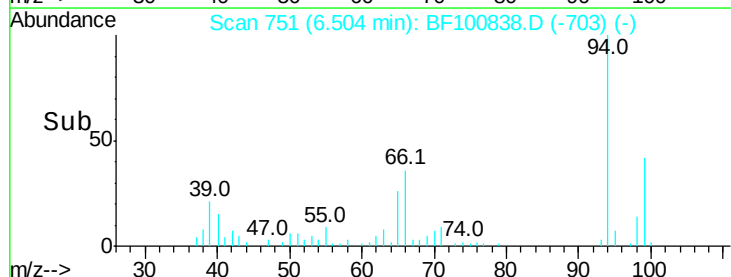
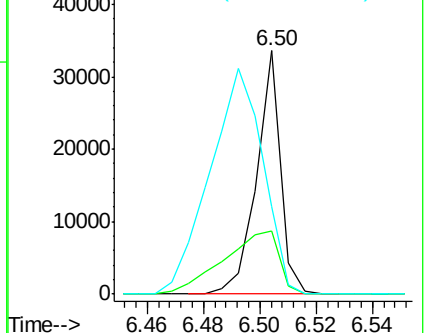
66 36.0 16.2 56.2

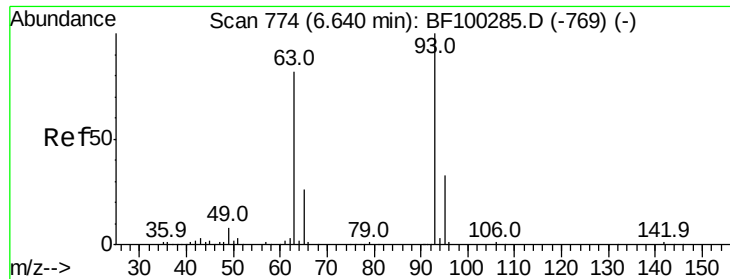


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.149 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

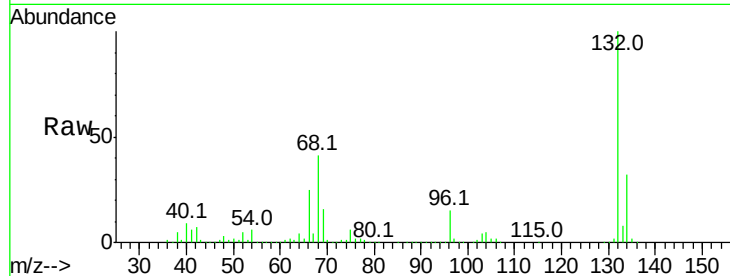
Tot Ion: 93 Resp: 805

Ion Ratio Lower Upper

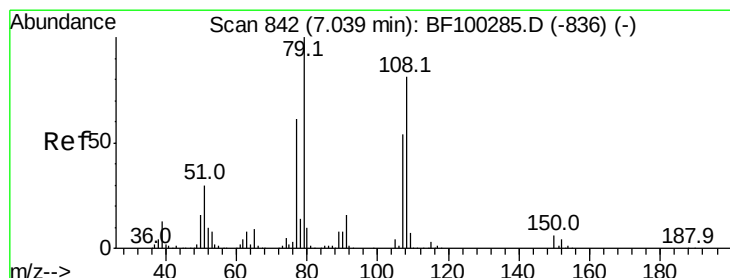
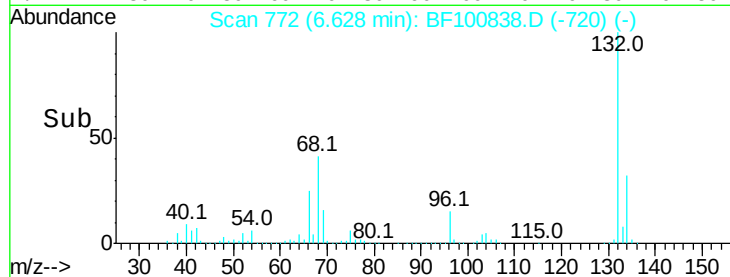
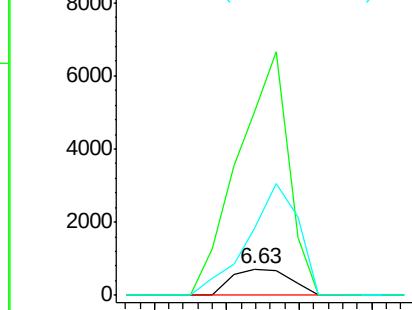
93 100

63 696.5 58.6 98.6#

95 254.0 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



#15

Benzyl Alcohol

Concen: 1.584 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

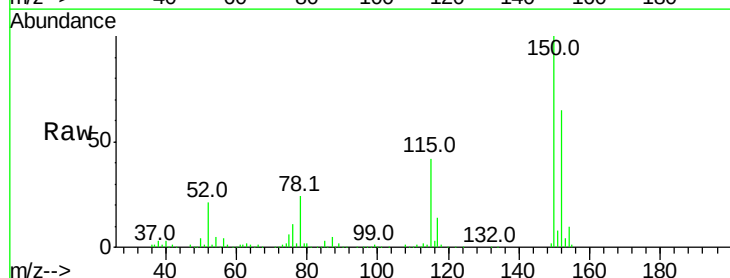
Tgt Ion: 79 Resp: 7573

Ion Ratio Lower Upper

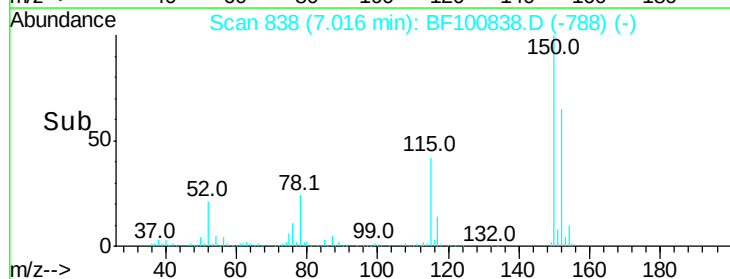
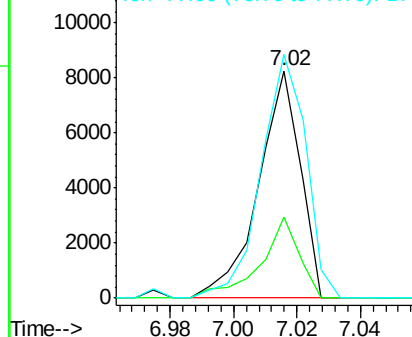
79 100

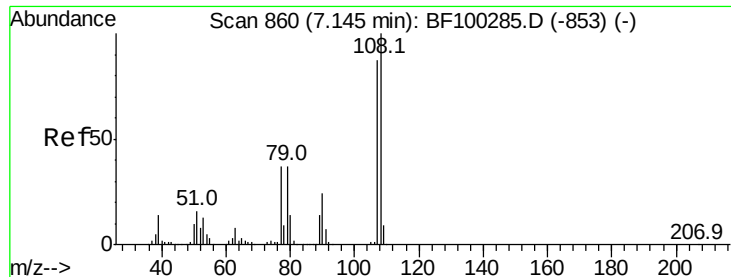
108 35.5 65.1 97.7#

77 107.1 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: 0.024 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.14 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 108

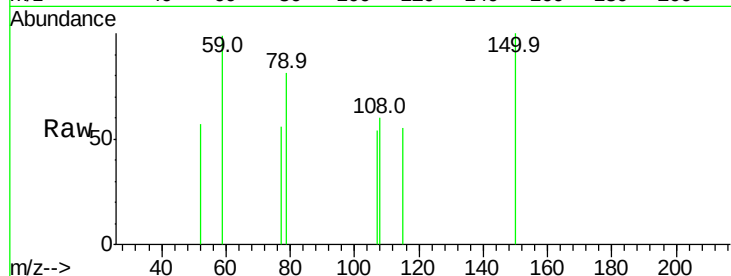
Ion Ratio Lower Upper

107 100

108 110.8 91.7 137.5

77 102.9 33.8 50.8#

79 148.0 33.8 50.8#

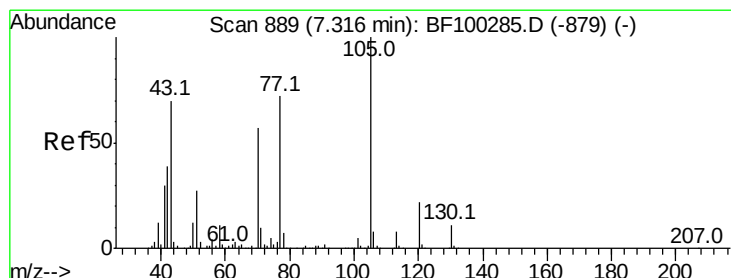
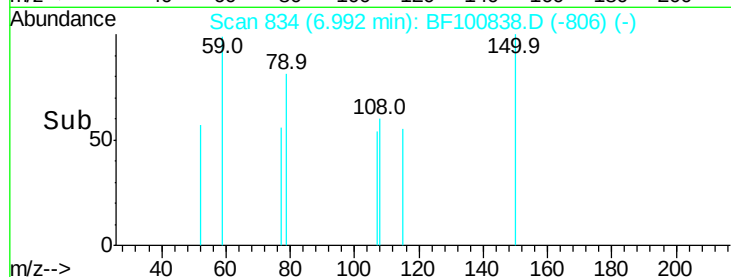
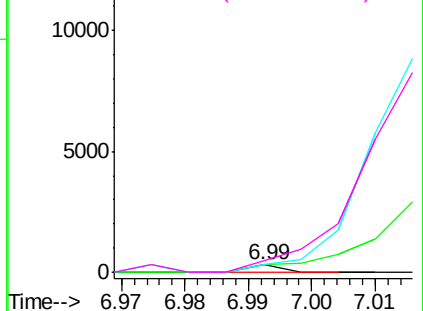


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.098 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Tgt Ion: 70 Resp: 64156

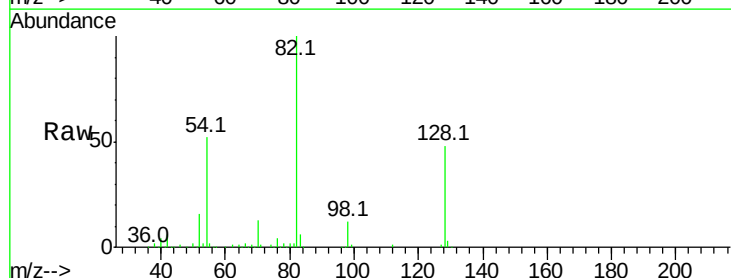
Ion Ratio Lower Upper

70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

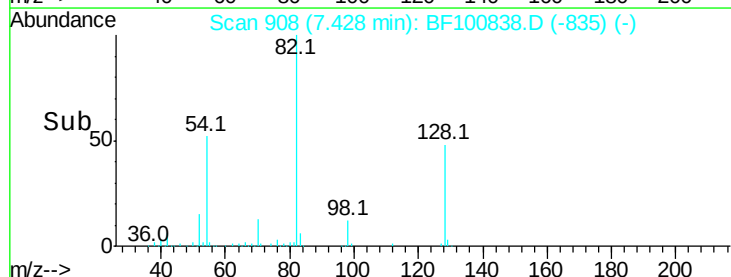
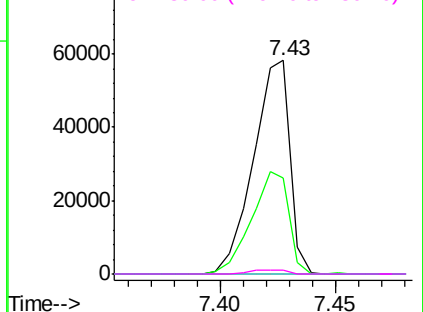


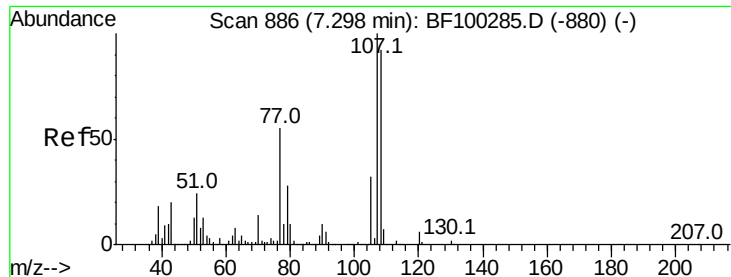
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.063 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 359

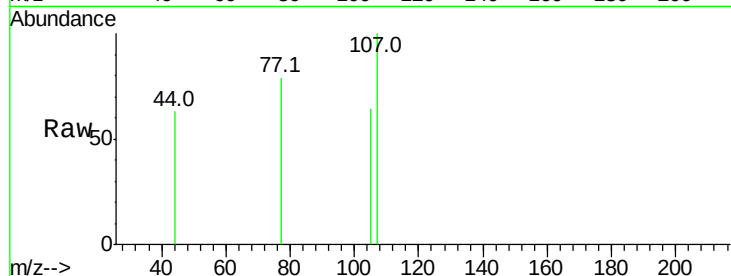
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 78.8 26.7 66.7#

79 0.0 6.3 46.3#

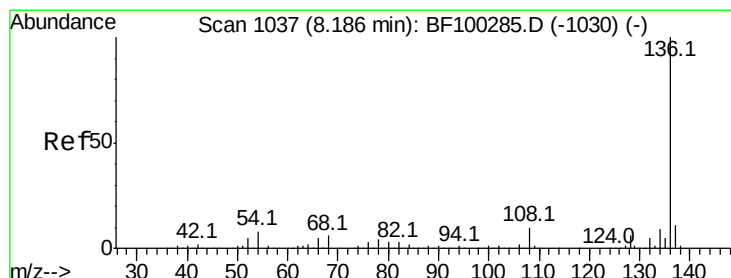
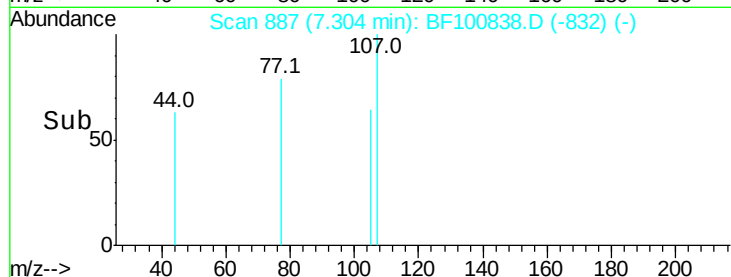
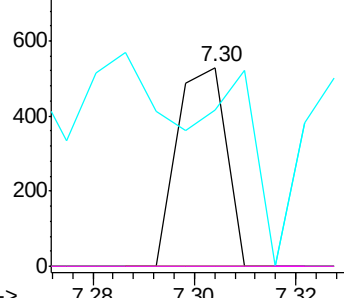


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Tgt Ion:136 Resp: 319869

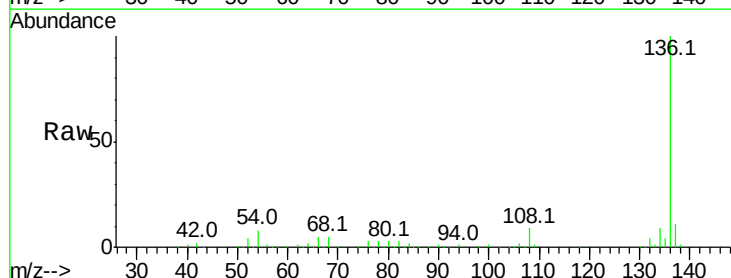
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.1 5.0 7.4

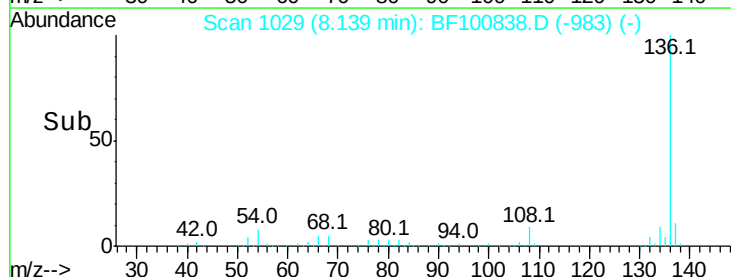
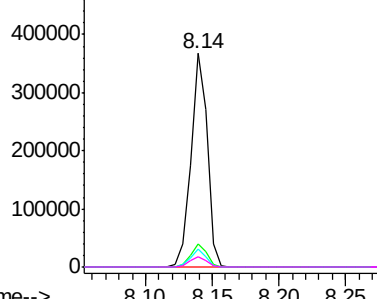


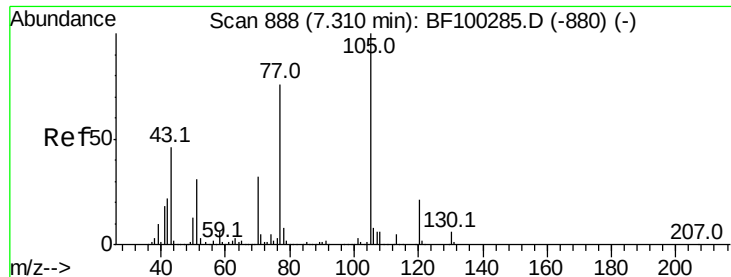
Abundance Ion 136.00 (135.70 to 136.70): E

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

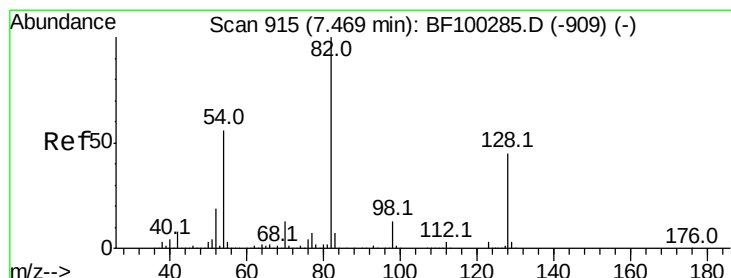
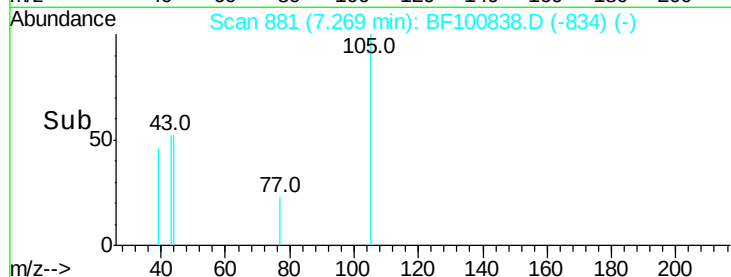
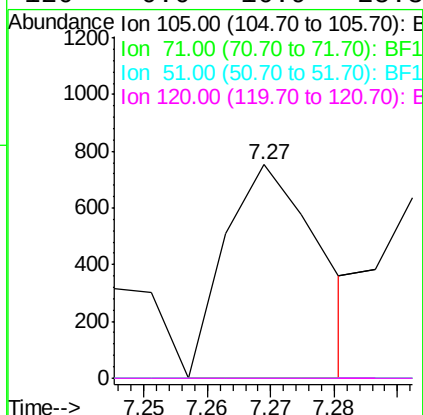
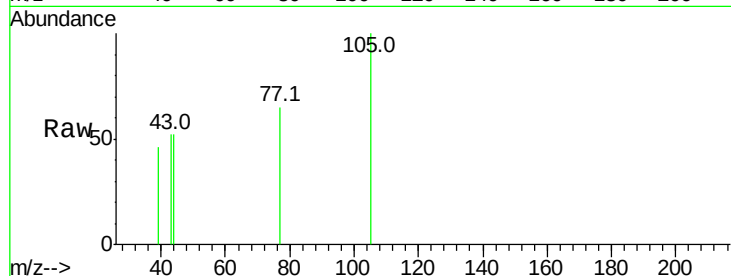




#22
Acetophenone
Concen: 0.100 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

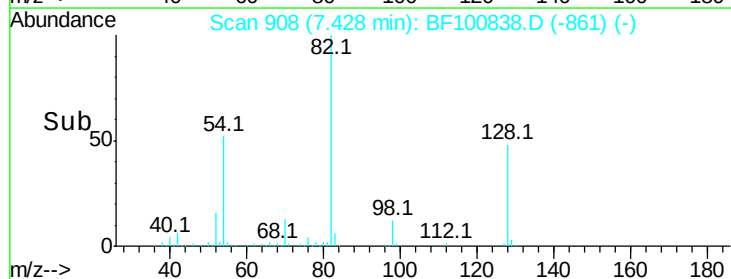
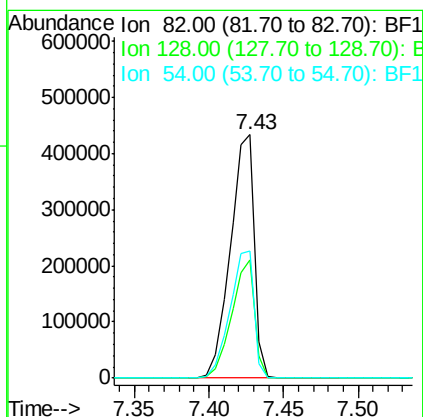
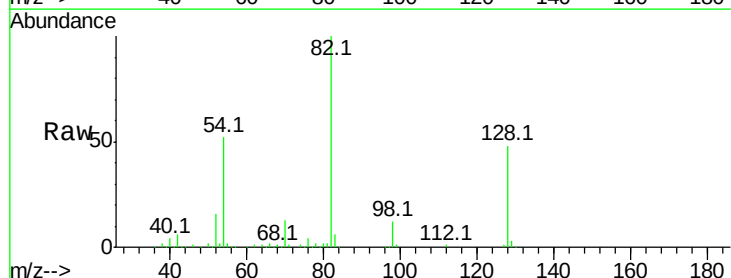
Instrument :
BNA_F
ClientSampleId :

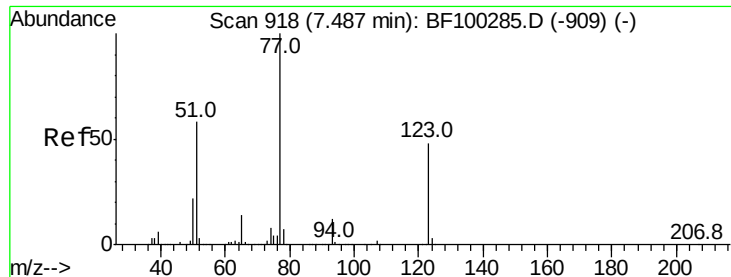
Tot Ion:105 Resp: 777
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 0.0 22.3 33.5#
120 0.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 100.767 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion: 82 Resp: 487530
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 52.2 41.4 62.2

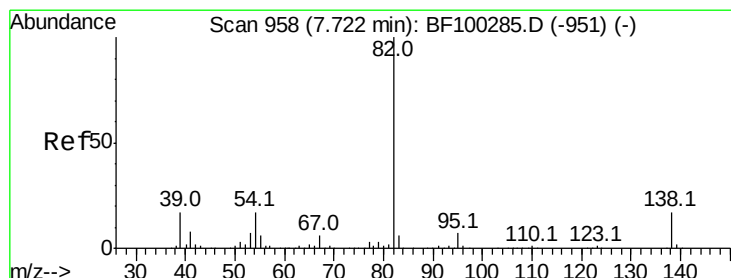
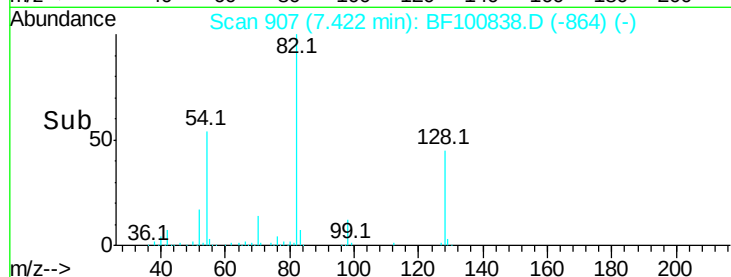
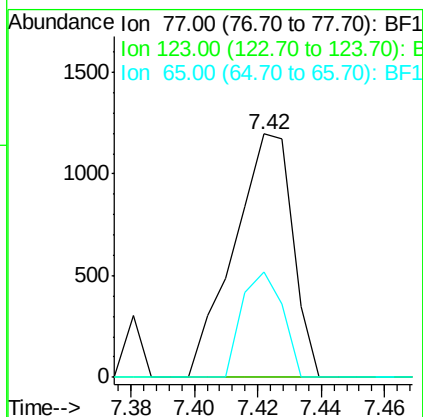
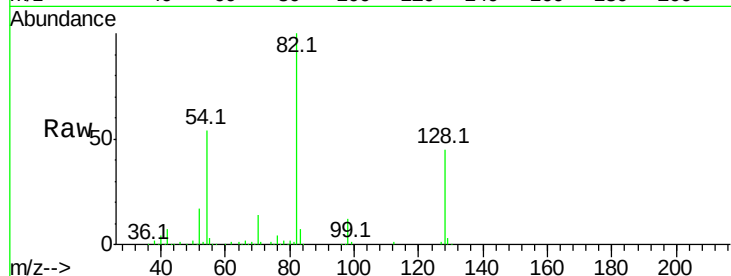




#24
Nitrobenzene
Concen: 0.308 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

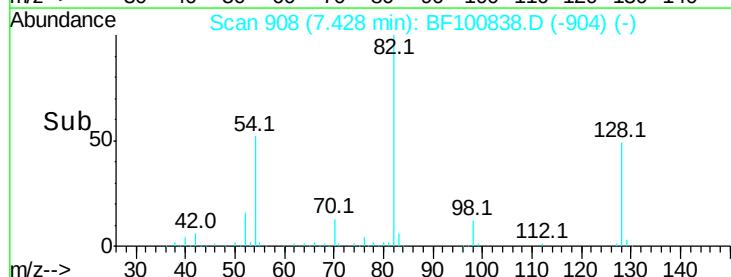
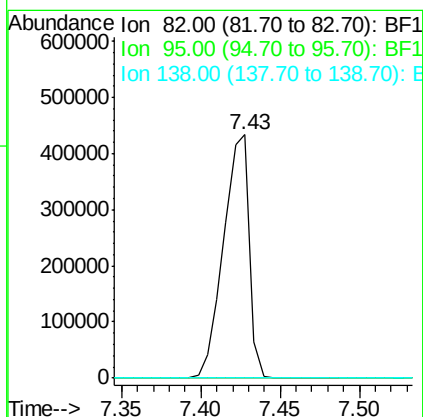
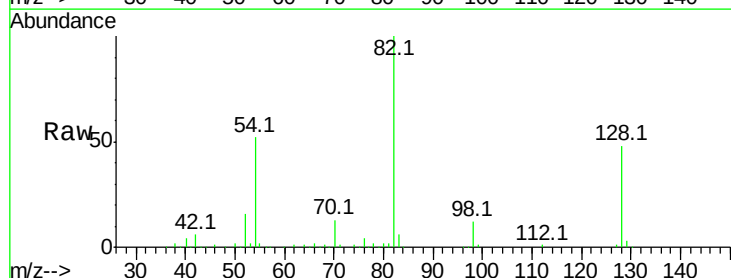
Instrument :
BNA_F
ClientSampleId :

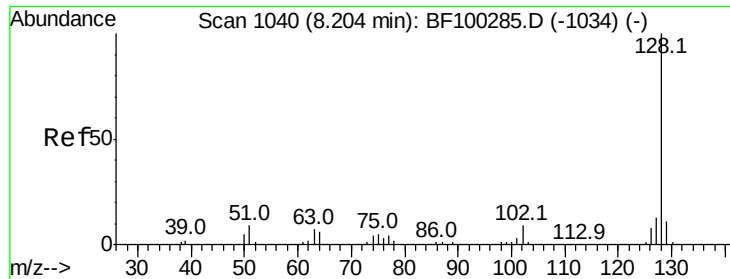
Tot Ion: 77 Resp: 1533
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 43.4 11.0 16.4#



#25
Isophorone
Concen: 47.951 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.28 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion: 82 Resp: 487525
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

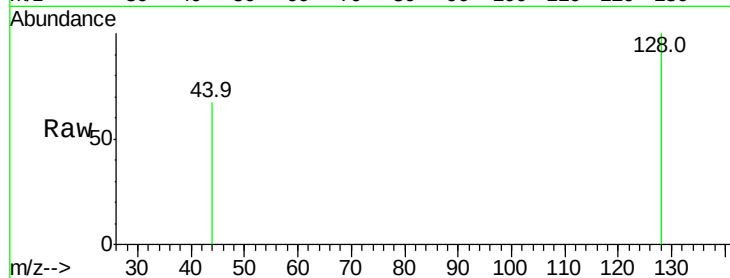




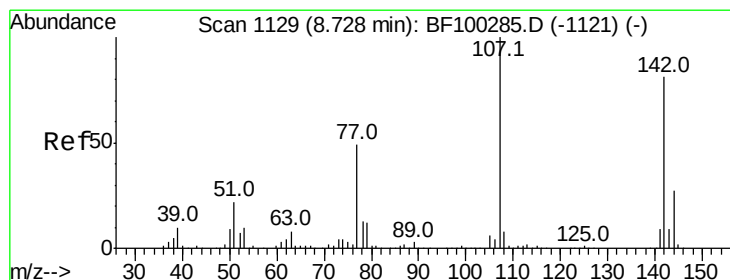
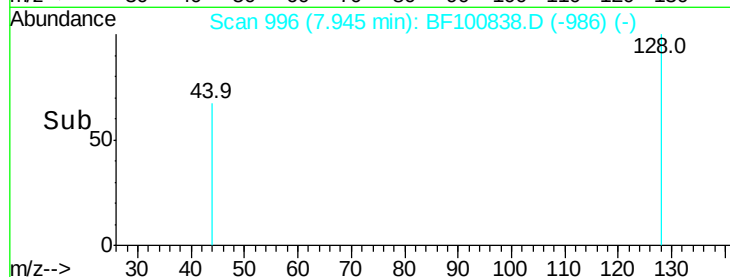
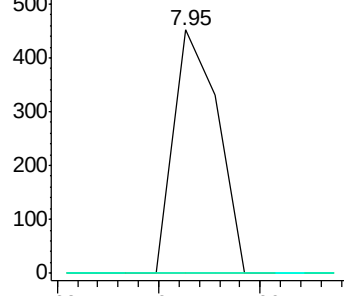
#31
Naphthalene
Concen: 0.018 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.24 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 276
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

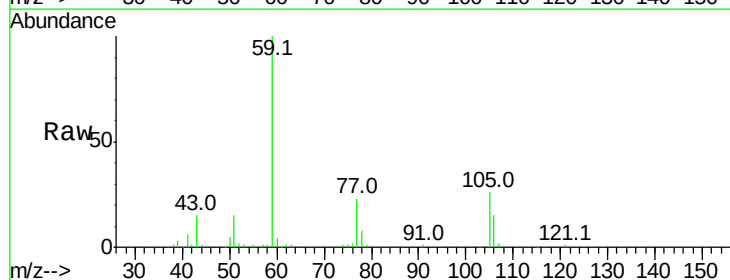


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

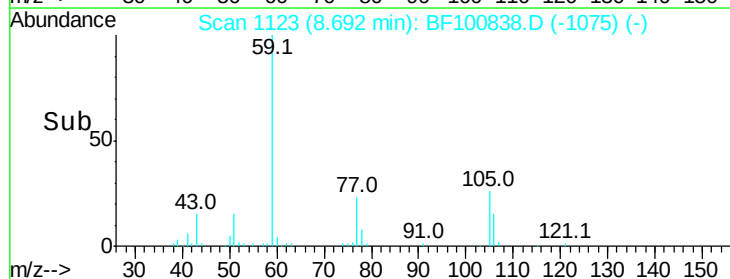
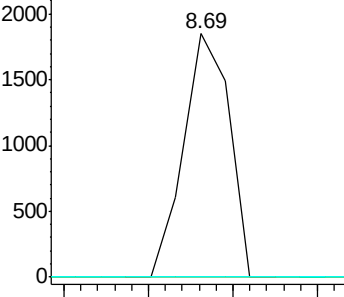


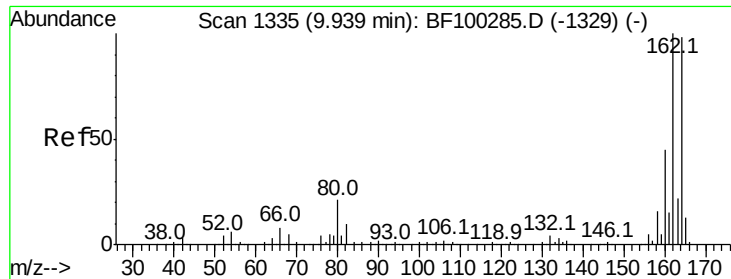
#36
4-Chloro-3-methylphenol
Concen: 0.298 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:107 Resp: 1392
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

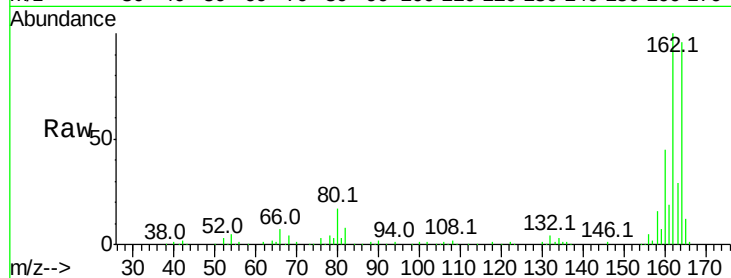




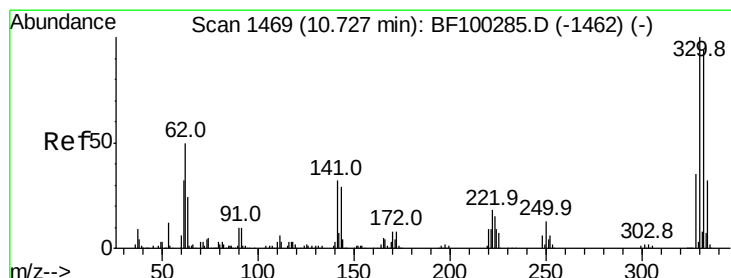
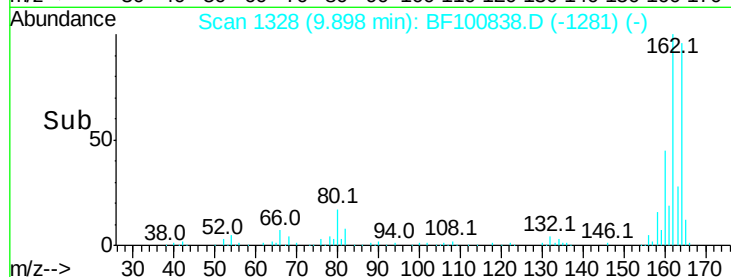
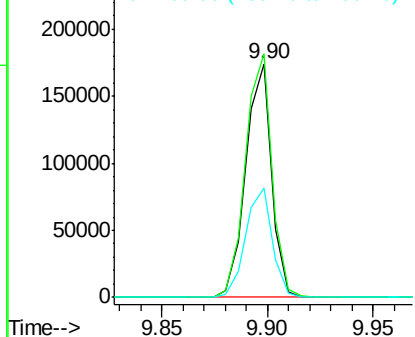
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.0	38.3	57.5

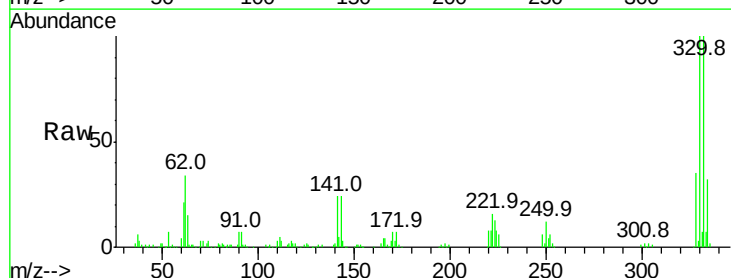


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

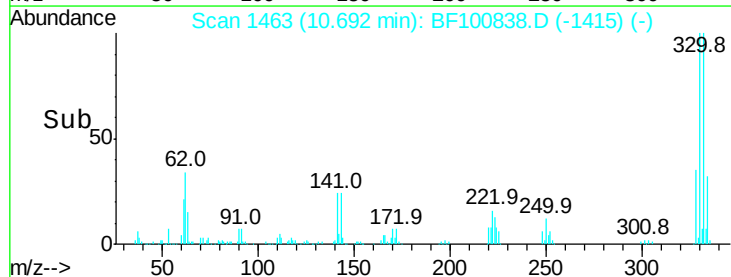
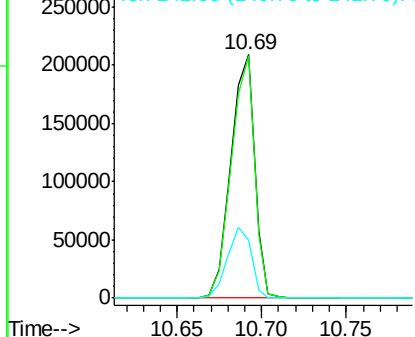


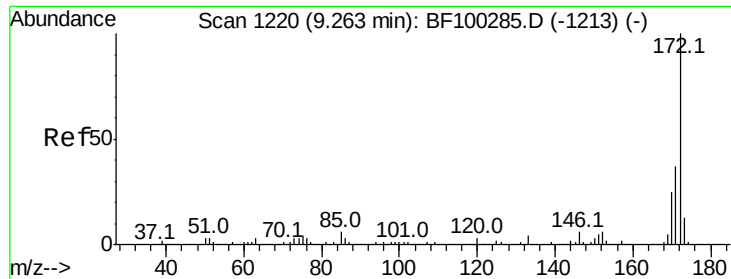
#41
2,4,6-Tribromophenol
Concen: 136.327 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.2	29.9	44.9#



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

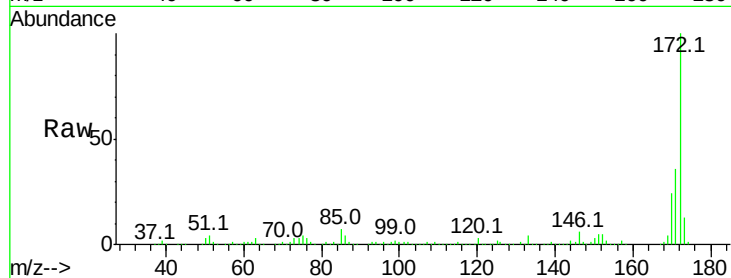




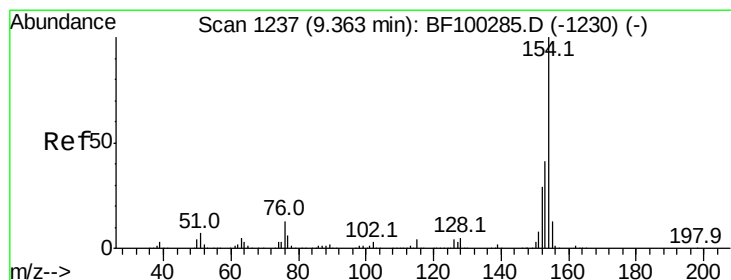
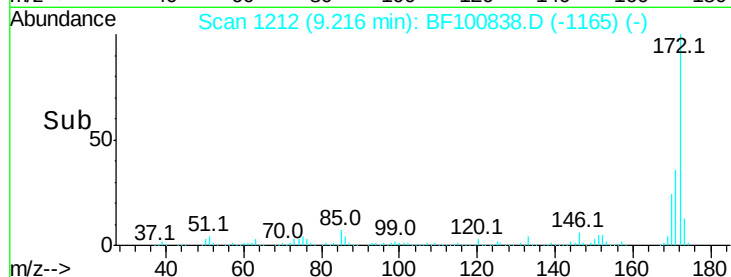
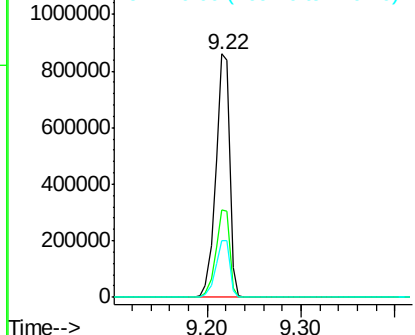
#44
2-Fluorobiphenyl
Concen: 92.575 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 895085
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4

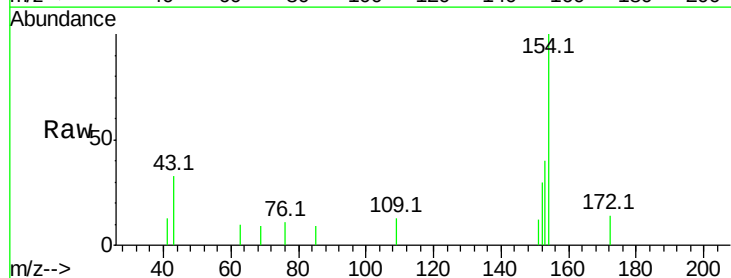


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

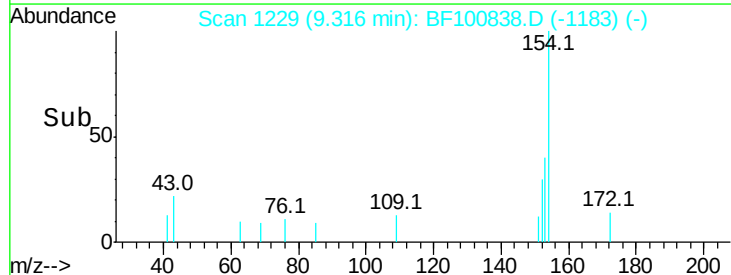
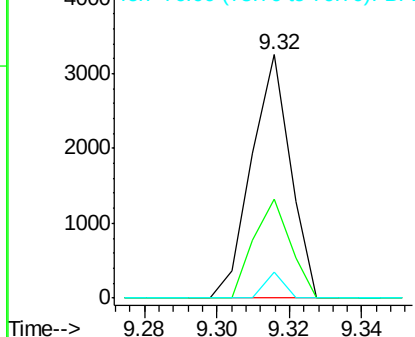


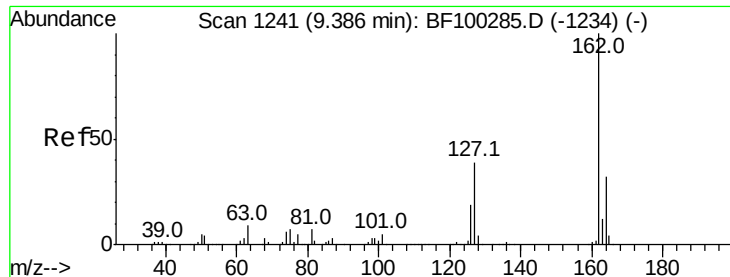
#45
1,1'-Biphenyl
Concen: 0.189 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:154 Resp: 2410
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 10.8 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

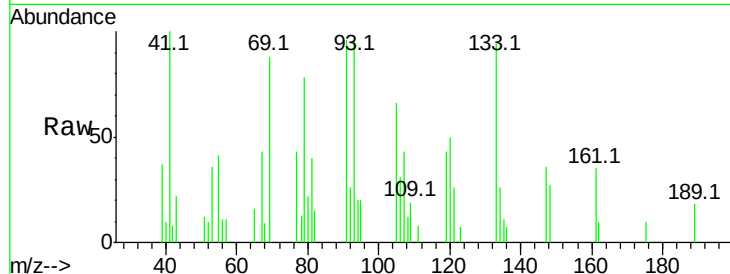




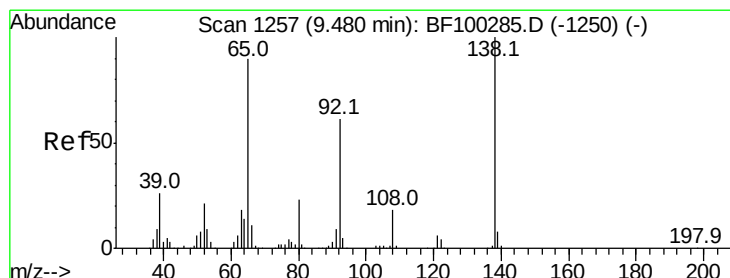
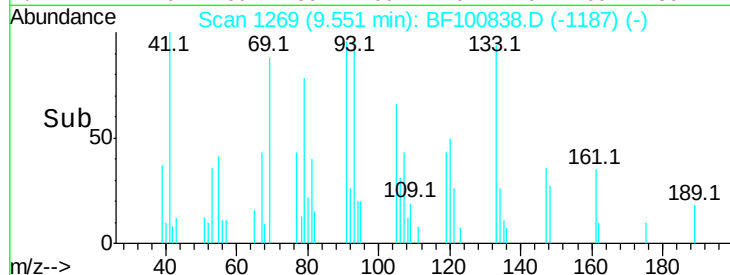
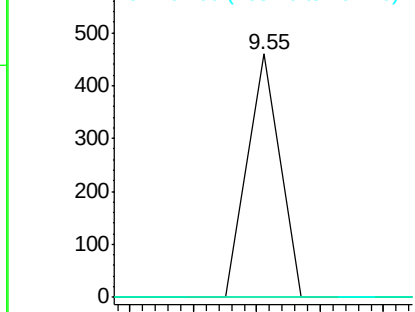
#46
 2-Chloronaphthalene
 Concen: 0.018 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.18 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

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

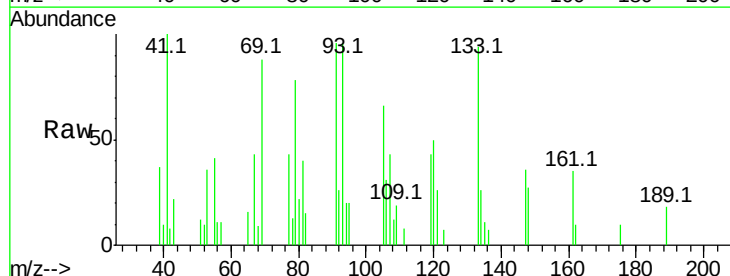


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

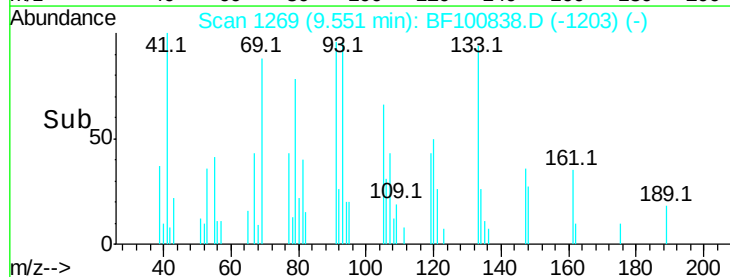
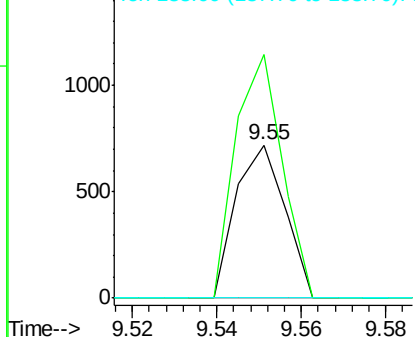


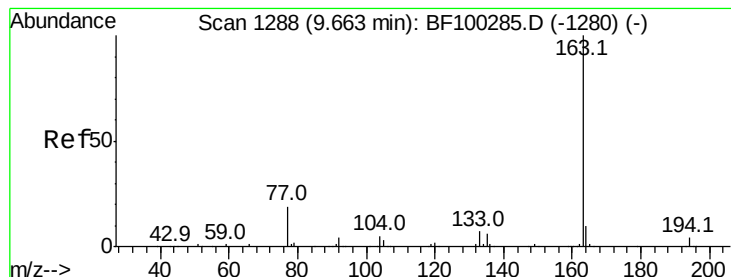
#47
 2-Nitroaniline
 Concen: 2.983 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.09 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion: 65 Resp: 578
 Ion Ratio Lower Upper
 65 100
 92 159.1 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: 6.648 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

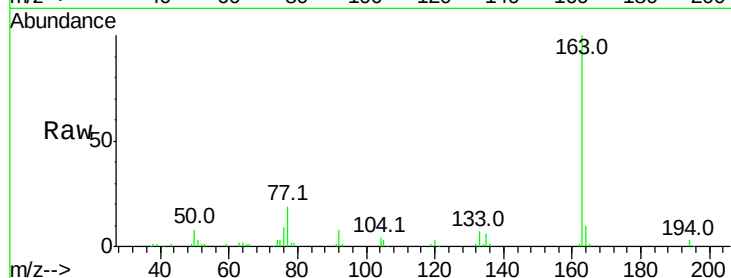
Tot Ion:163 Resp: 74733

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

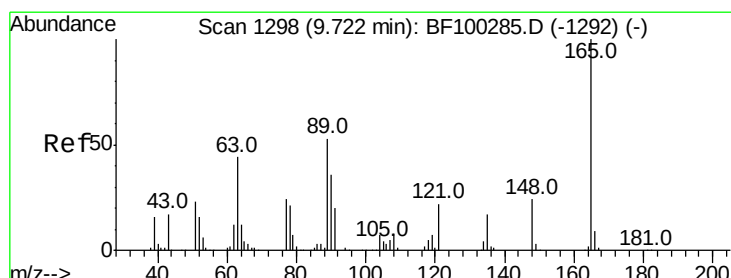
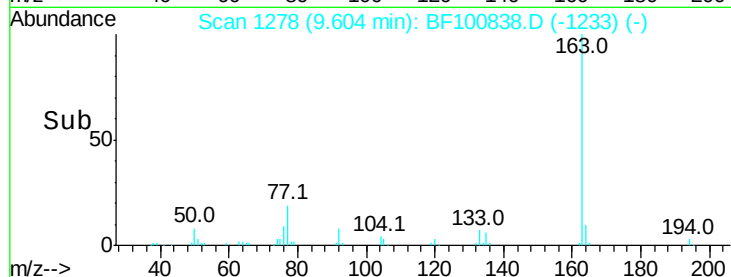
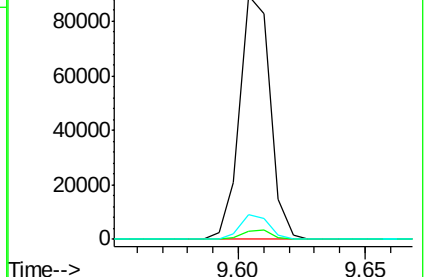
164 9.9 8.2 12.2



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: 0.286 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.09 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

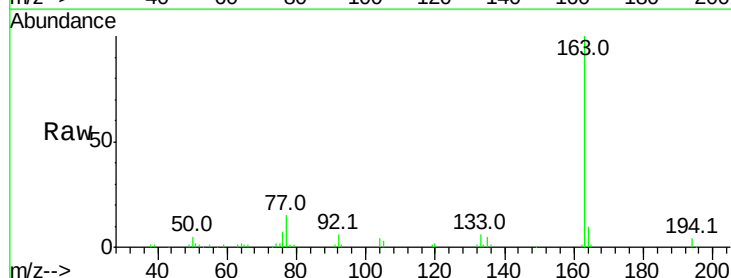
Tgt Ion:165 Resp: 636

Ion Ratio Lower Upper

165 100

63 91.1 44.7 67.1#

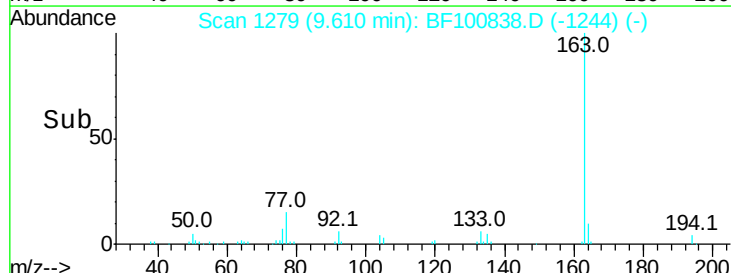
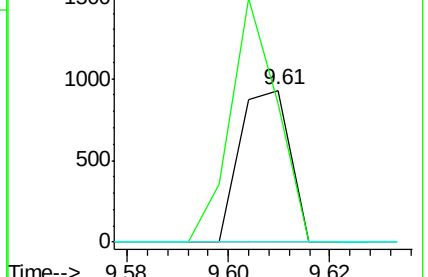
89 0.0 44.0 66.0#

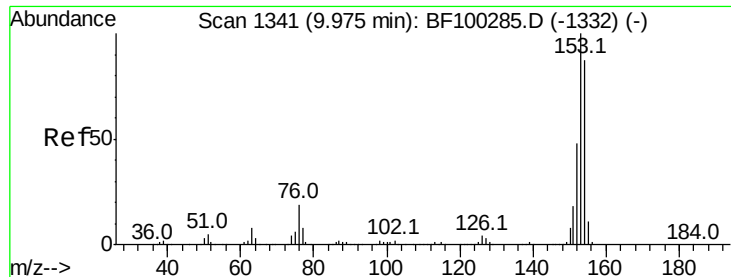


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.050 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

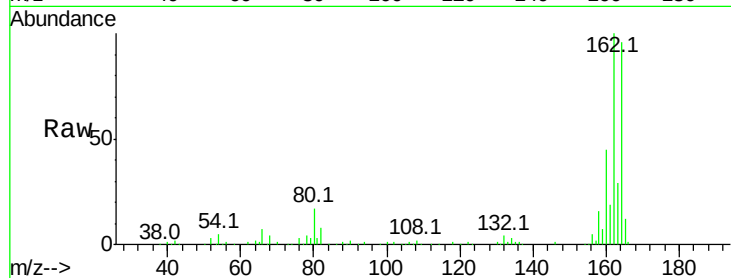
Tot Ion:154 Resp: 469

Ion Ratio Lower Upper

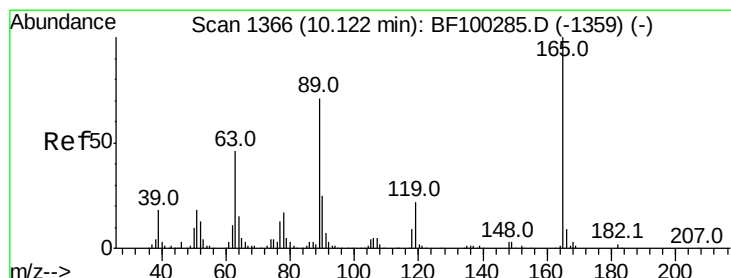
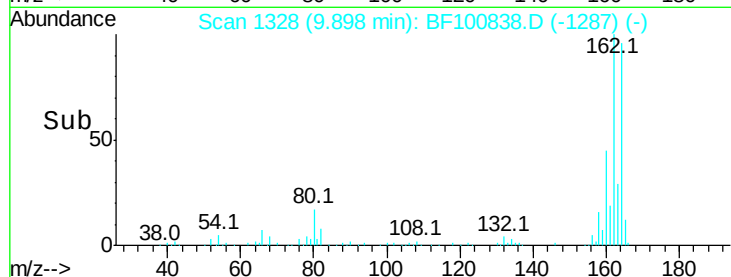
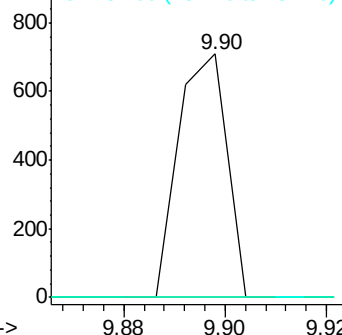
154 100

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: 6.701 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Tgt Ion:165 Resp: 18810

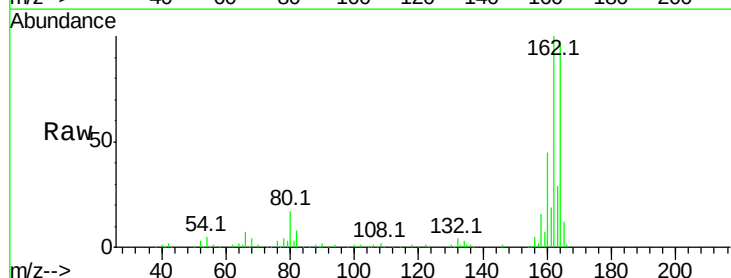
Ion Ratio Lower Upper

165 100

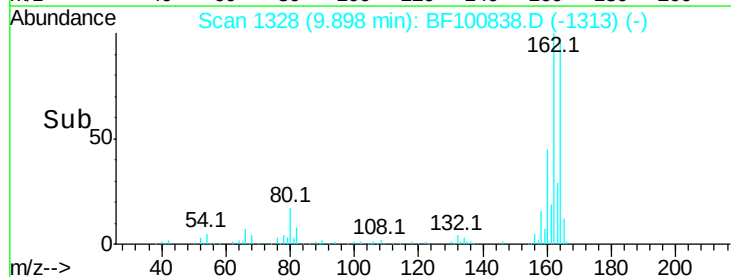
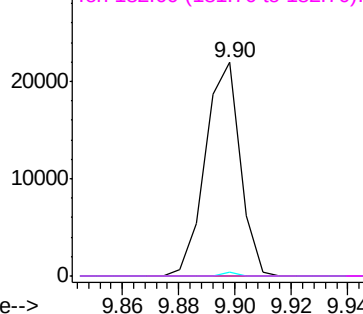
63 0.0 36.4 54.6#

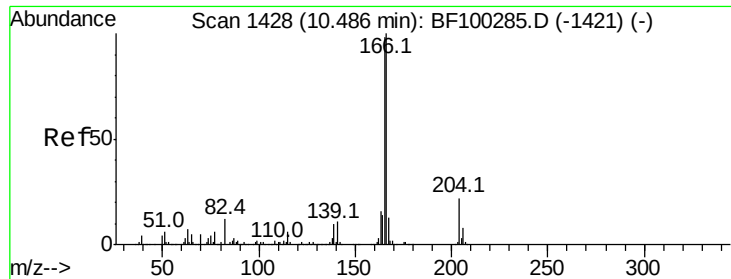
89 2.0 57.8 86.6#

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

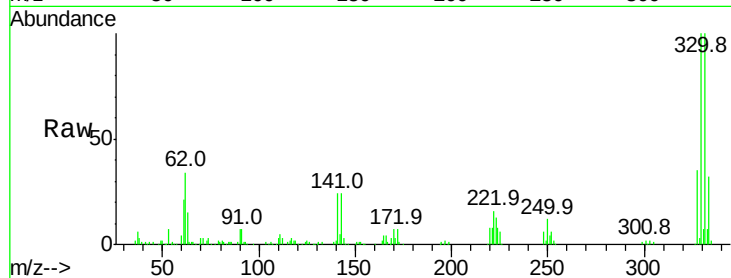




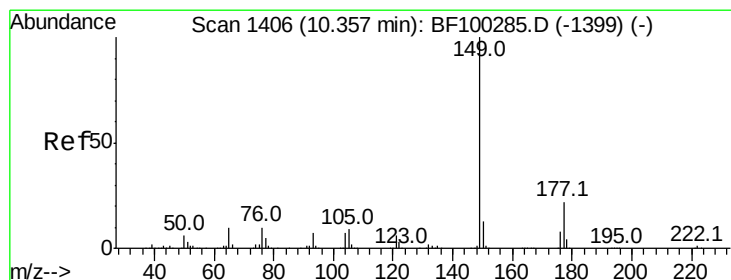
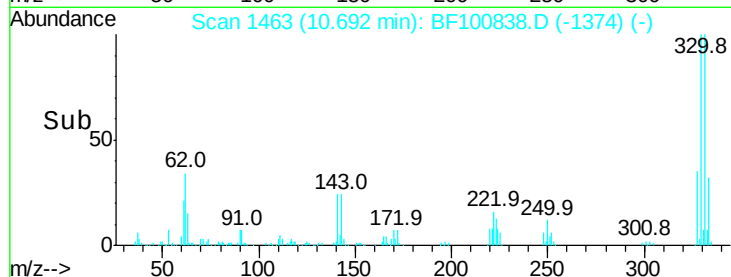
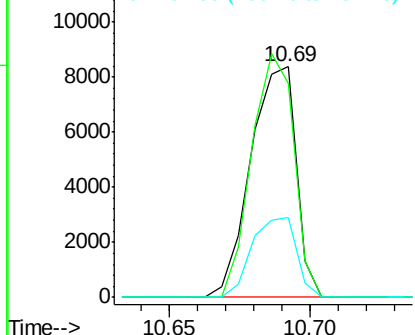
#57
 Fluorene
 Concen: 0.980 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.22 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 9364
 Ion Ratio Lower Upper
 166 100
 165 93.1 79.8 119.8
 167 34.9 10.6 16.0#

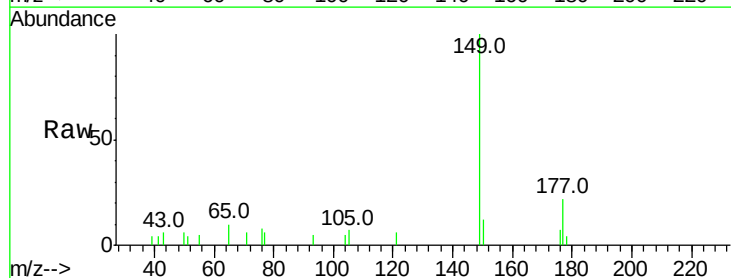


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

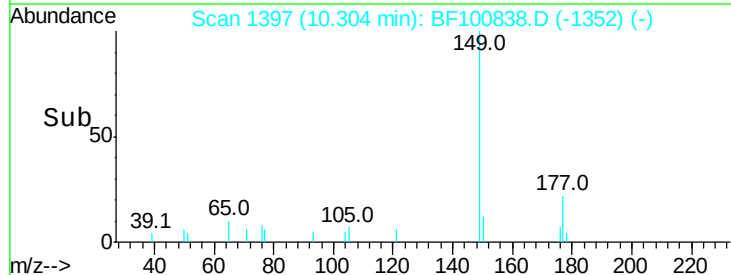
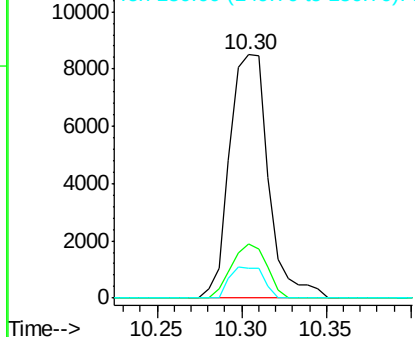


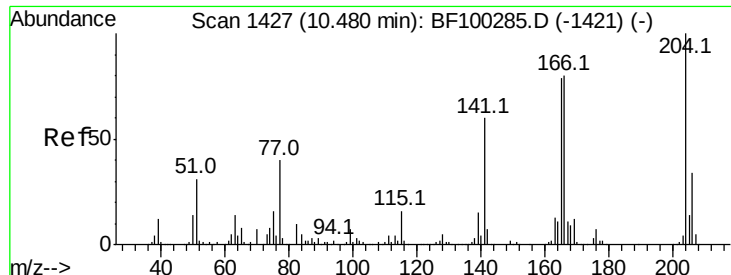
#59
 Diethylphthalate
 Concen: 1.215 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:149 Resp: 13662
 Ion Ratio Lower Upper
 149 100
 177 22.5 16.1 24.1
 150 12.2 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

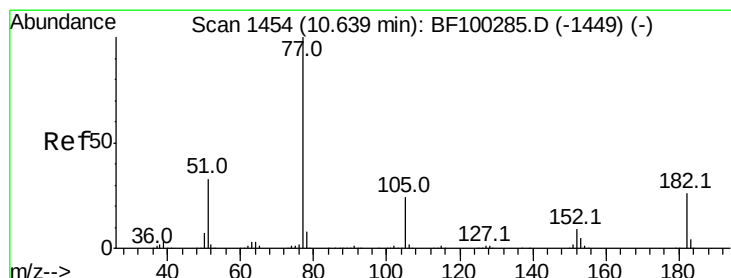
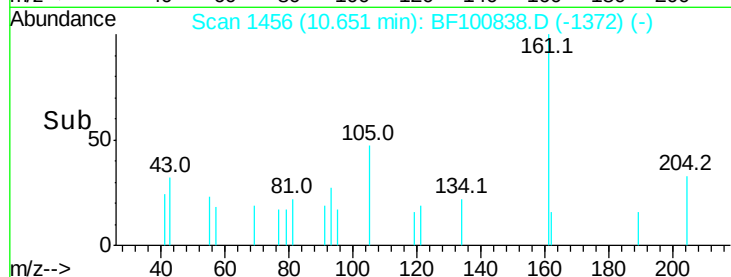
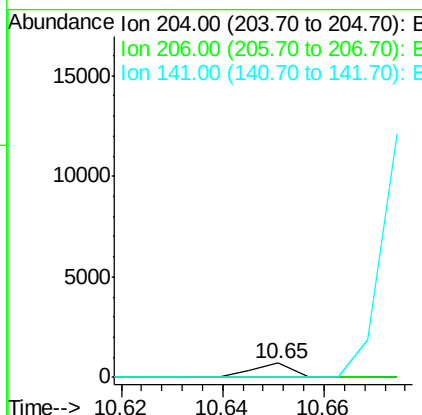
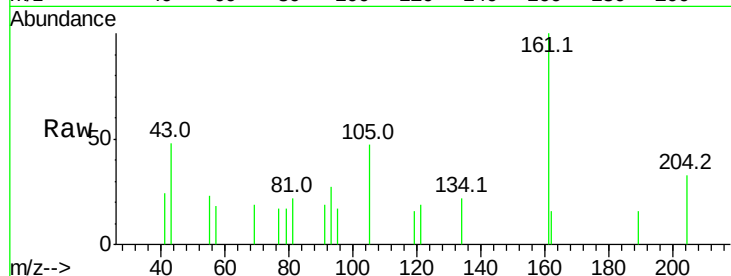




#60
 4-Chlorophenyl-phenylether
 Concen: 0.080 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.19 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

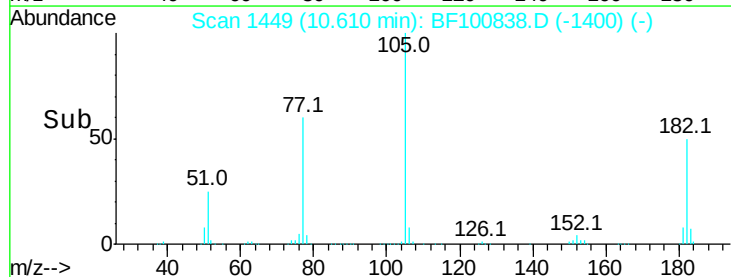
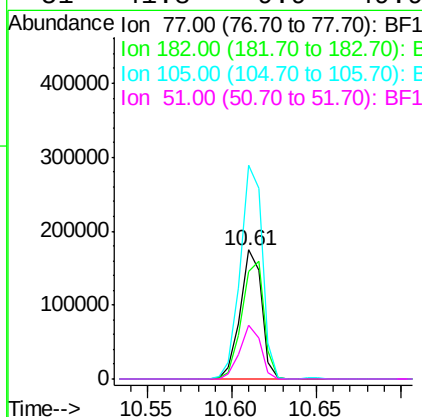
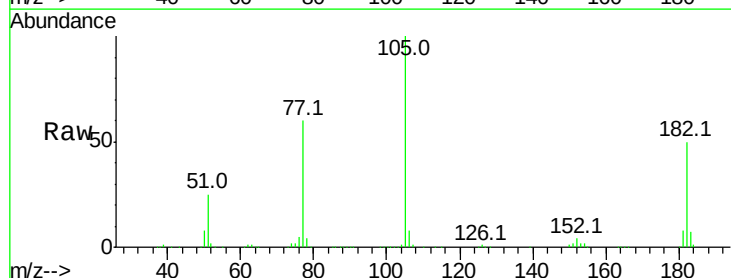
Instrument :
 BNA_F
 ClientSampleId :

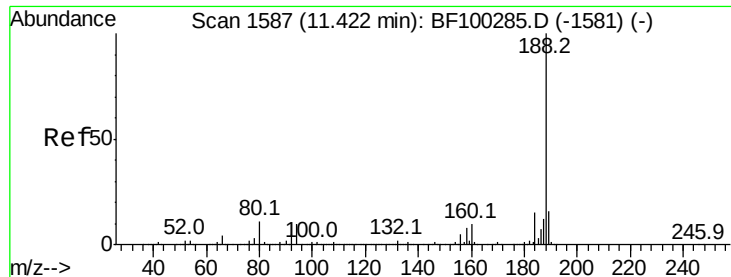
Tot Ion: 204 Resp: 375
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 0.0 54.6 81.8#



#62
 Azobenzene
 Concen: 14.674 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion: 77 Resp: 155471
 Ion Ratio Lower Upper
 77 100
 182 83.2 1.7 41.7#
 105 165.5 3.0 43.0#
 51 41.8 9.9 49.9

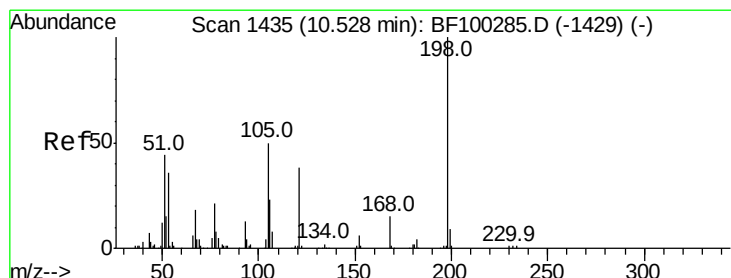
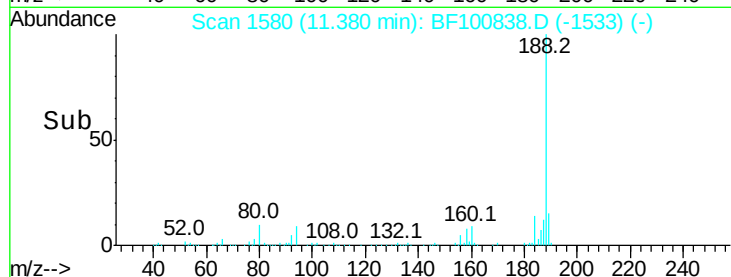
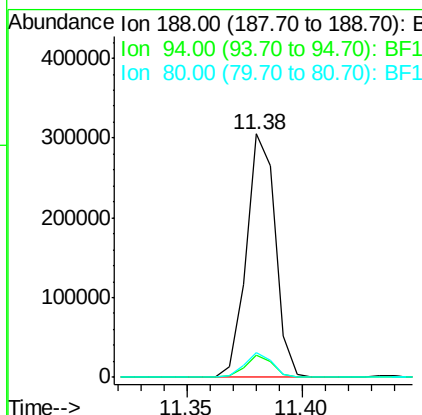
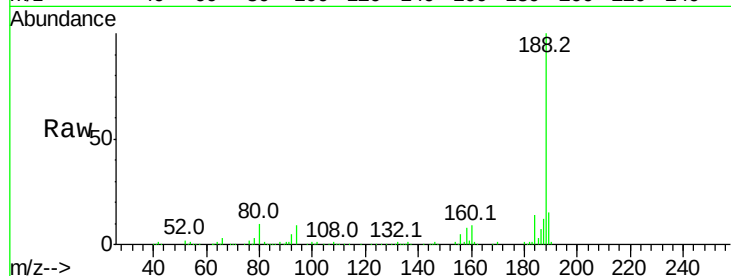




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

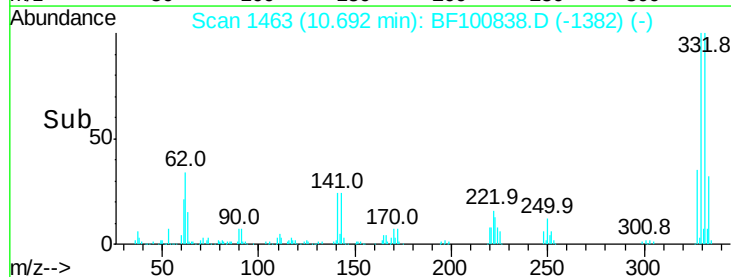
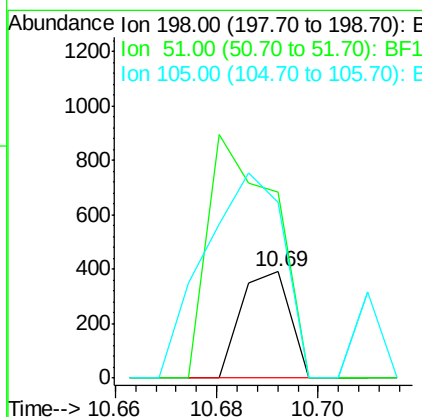
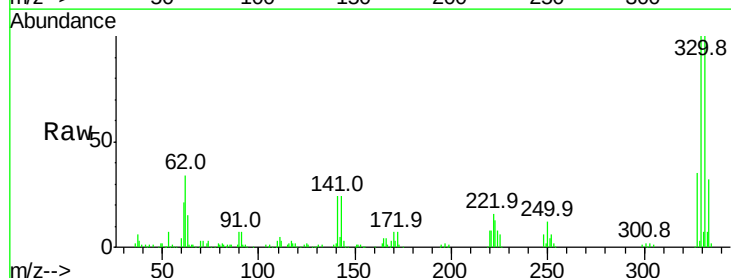
Instrument :
BNA_F
ClientSampleId :

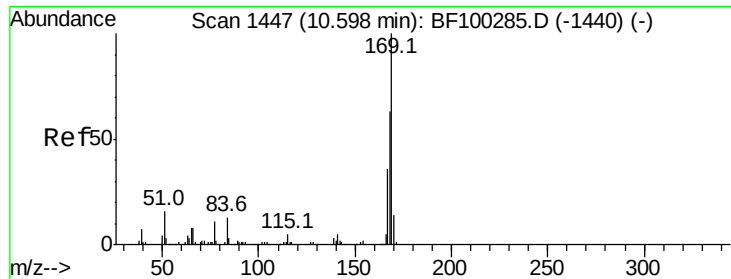
Tot Ion:188 Resp: 267855
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.729 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.18 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:198 Resp: 262
Ion Ratio Lower Upper
198 100
51 174.2 37.7 77.7#
105 165.2 36.3 76.3#

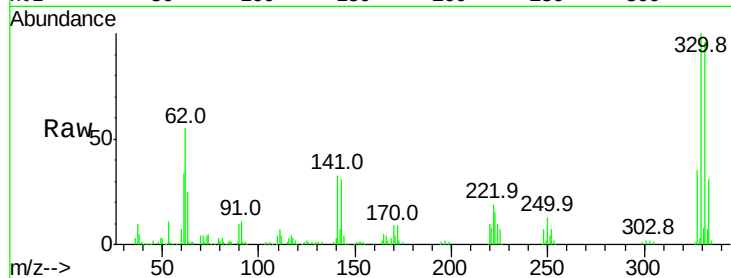




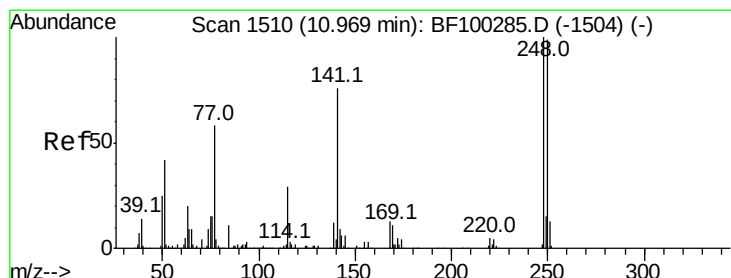
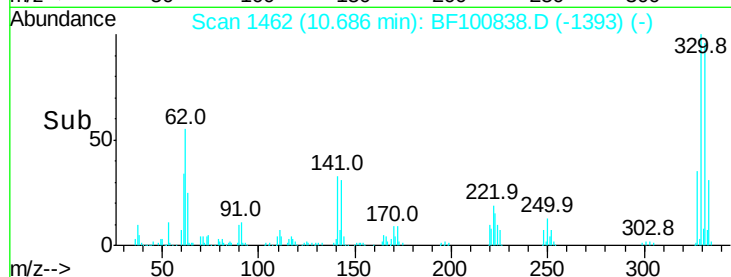
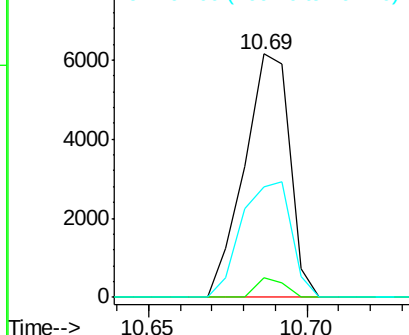
#65
 n-Nitrosodiphenylamine
 Concen: 0.656 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.11 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 6113
 Ion Ratio Lower Upper
 169 100
 168 8.2 54.4 81.6#
 167 45.4 29.8 44.6#

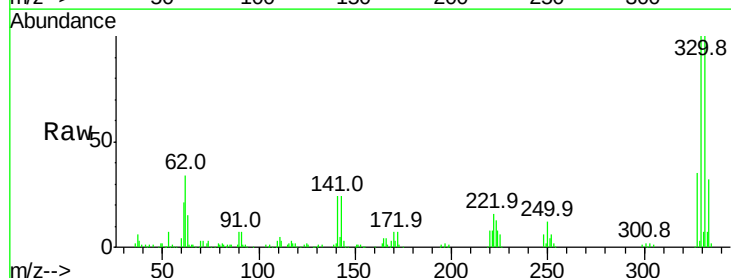


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

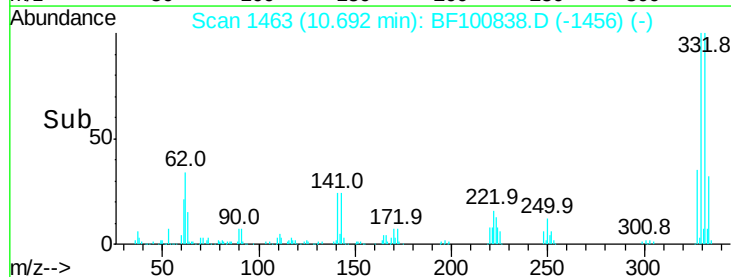
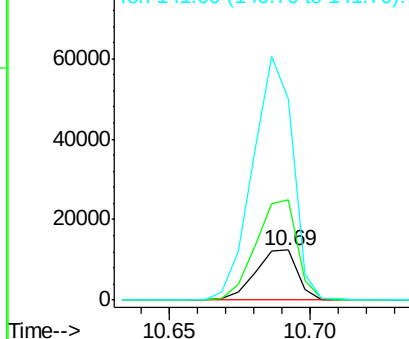


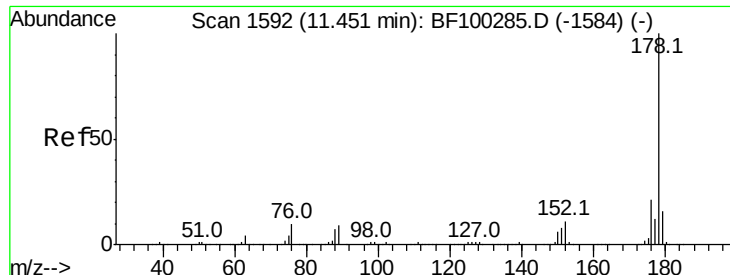
#66
 4-Bromophenyl-phenylether
 Concen: 4.500 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.26 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:248 Resp: 12921
 Ion Ratio Lower Upper
 248 100
 250 201.2 76.9 115.3#
 141 402.7 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

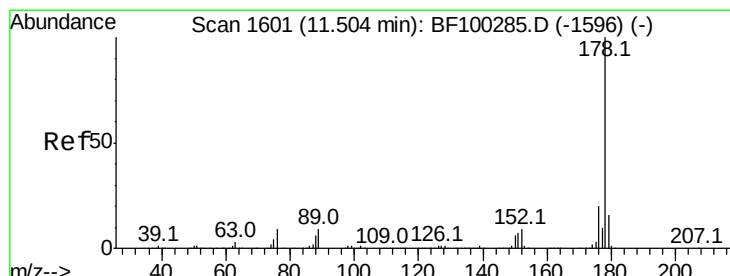
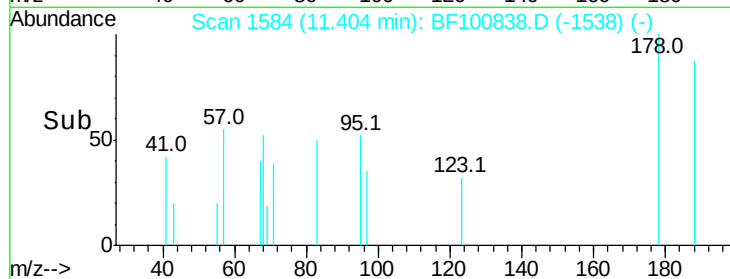
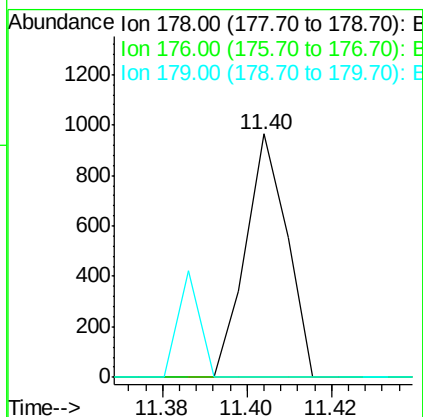
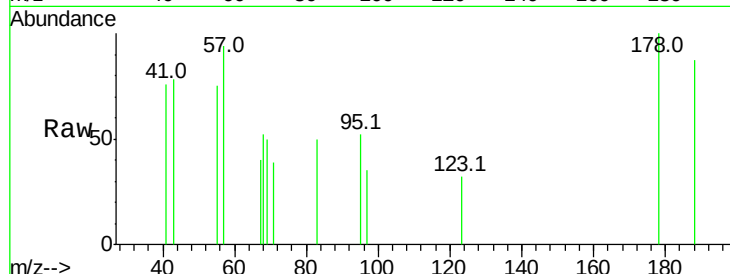




#70
 Phenanthrene
 Concen: 0.047 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

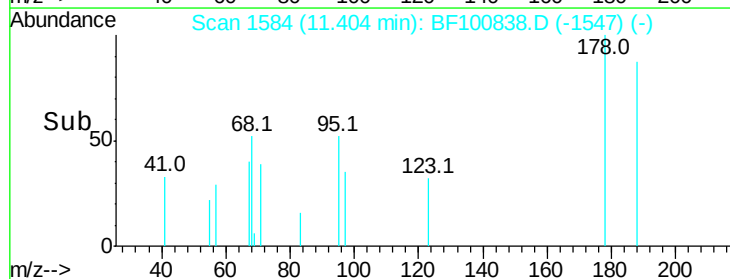
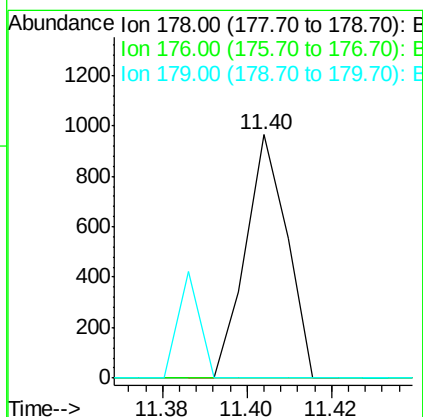
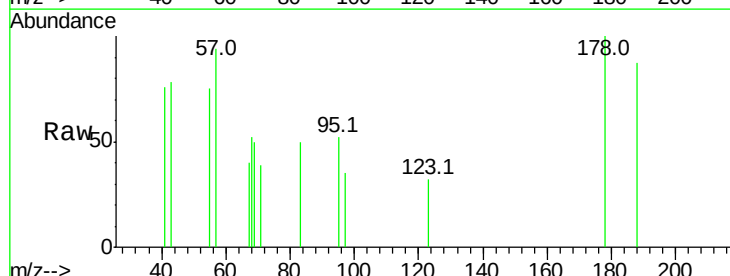
Instrument :
 BNA_F
 ClientSampleId :

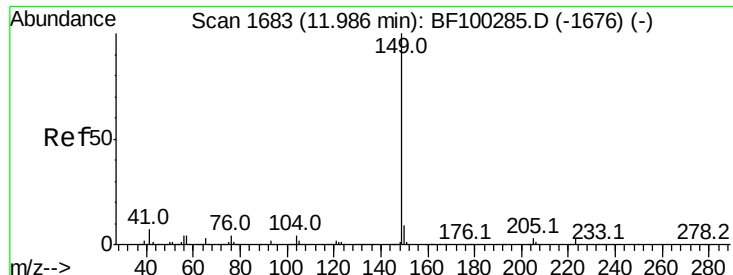
Tot Ion:178 Resp: 657
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



#71
 Anthracene
 Concen: 0.046 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:178 Resp: 657
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

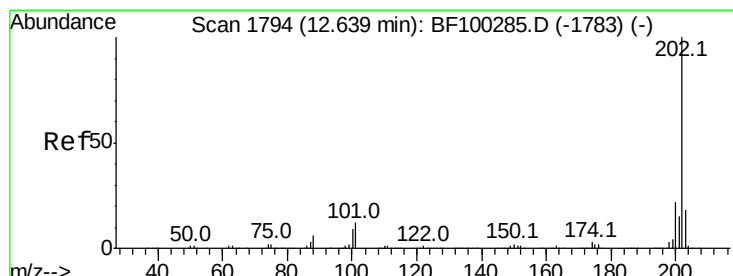
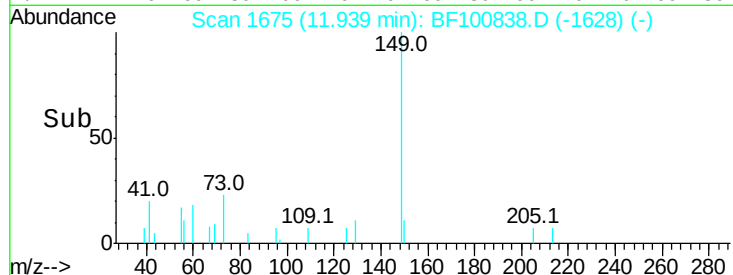
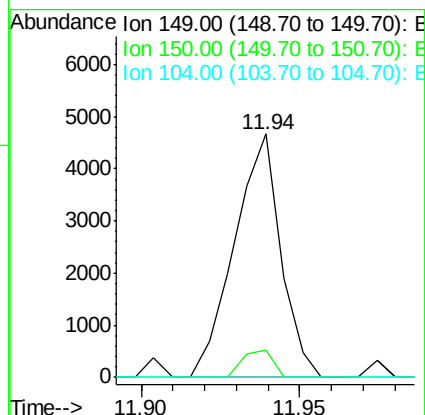
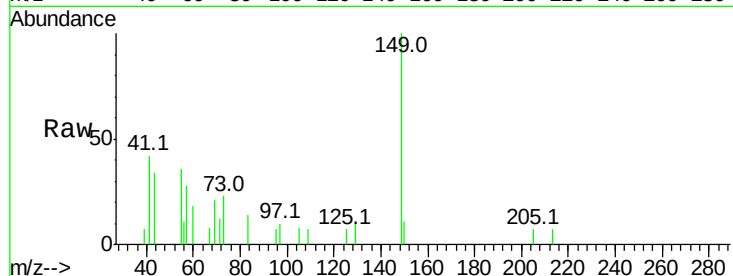




#73
Di-n-butylphthalate
Concen: 0.307 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

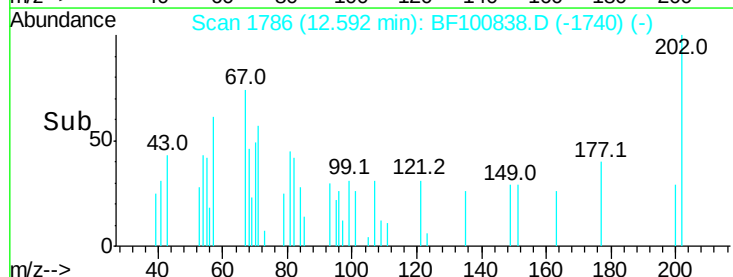
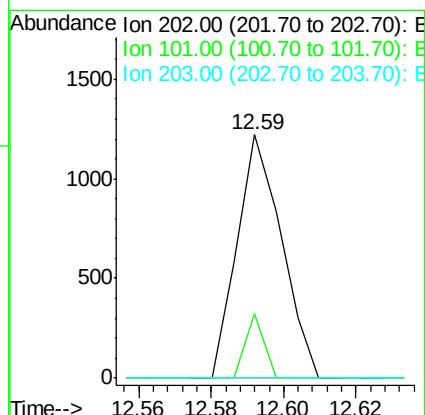
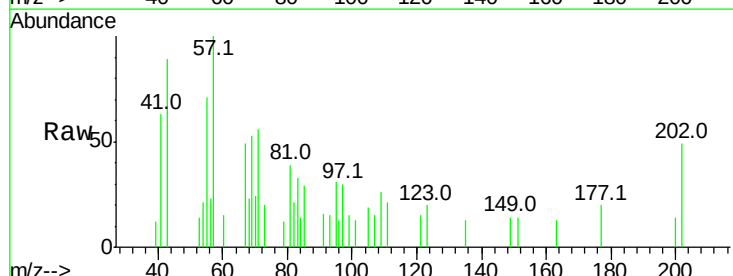
Instrument :
BNA_F
ClientSampleId :

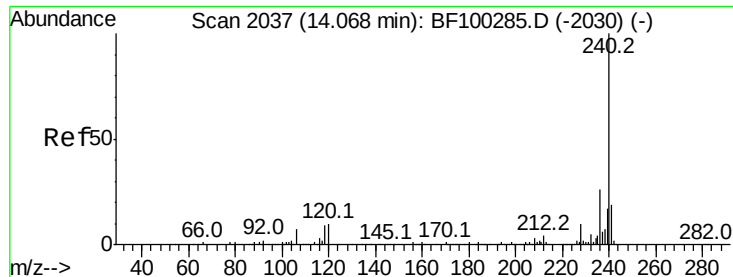
Tot Ion:149 Resp: 4736
Ion Ratio Lower Upper
149 100
150 11.2 7.8 11.6
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 0.070 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:202 Resp: 1039
Ion Ratio Lower Upper
202 100
101 26.4 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: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

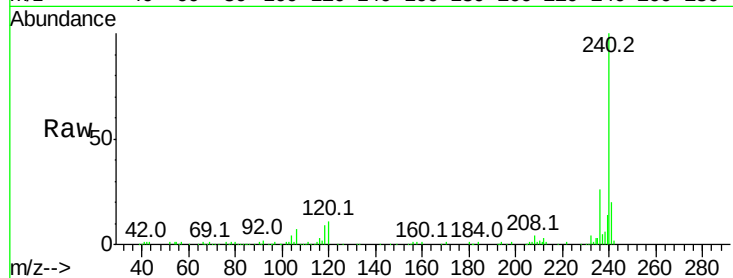
Tot Ion:240 Resp: 146035

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

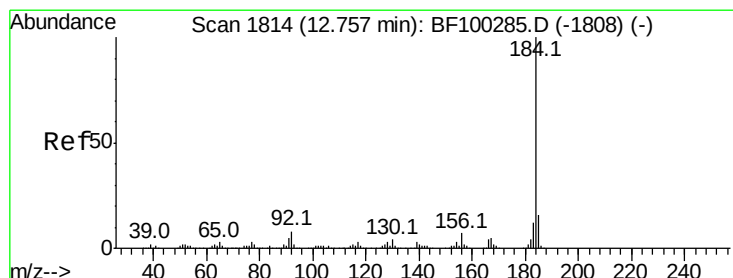
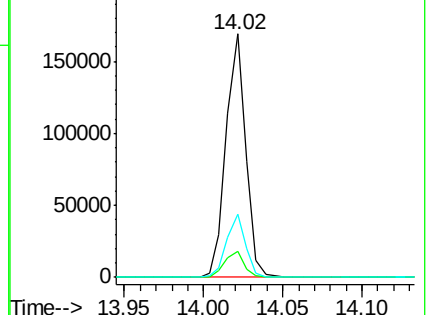
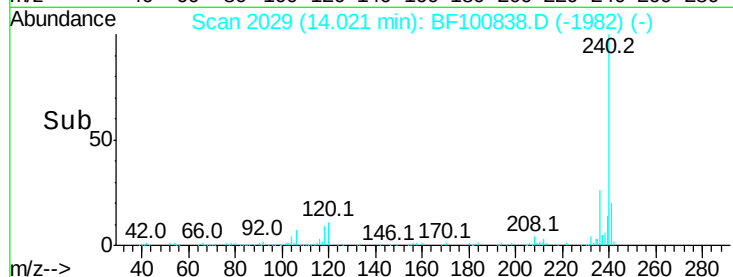
236 25.8 20.7 31.1



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: 1.373 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

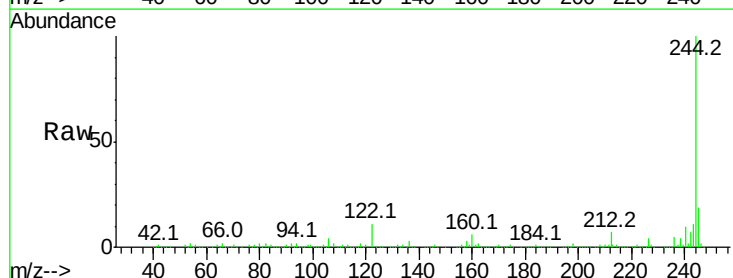
Tgt Ion:184 Resp: 8032

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

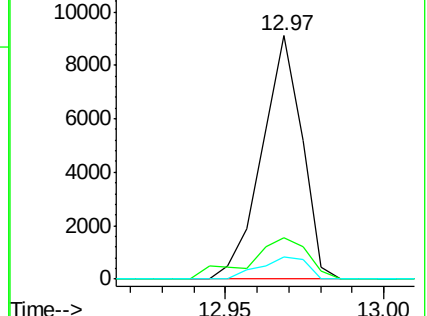
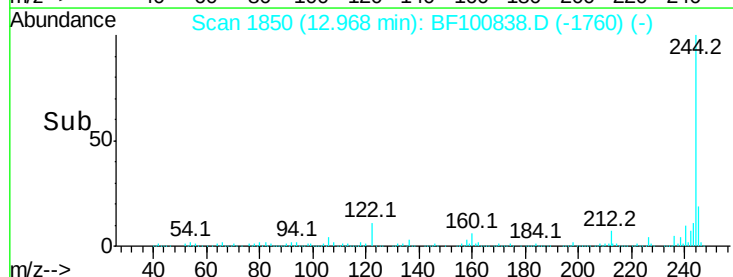
183 9.3 9.3 13.9

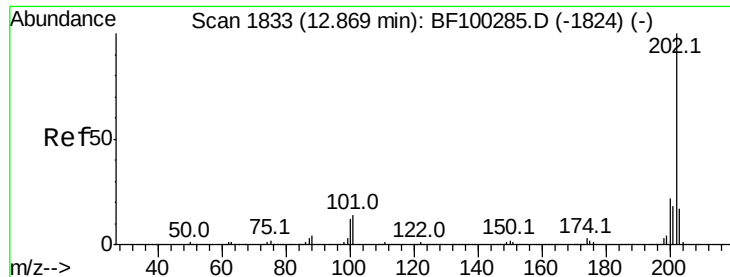


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.091 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

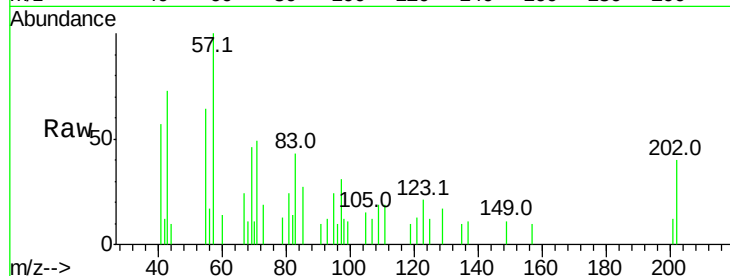
Tot Ion:202 Resp: 949

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

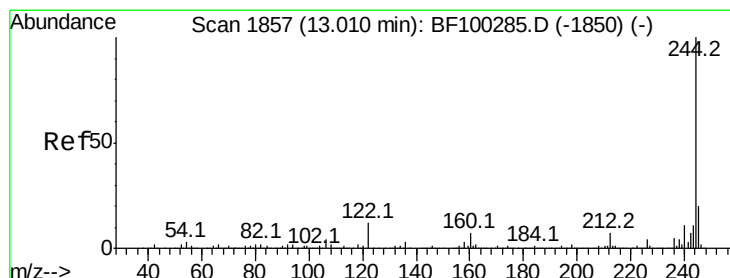
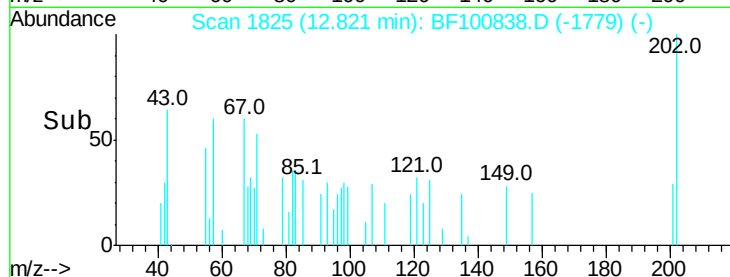
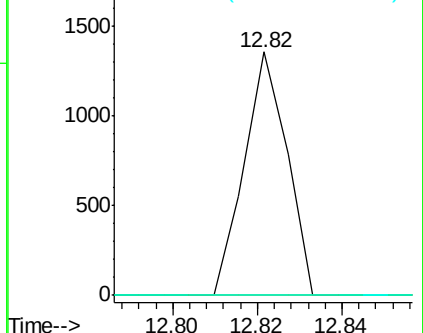
203 0.0 14.3 21.5#



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: 107.224 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

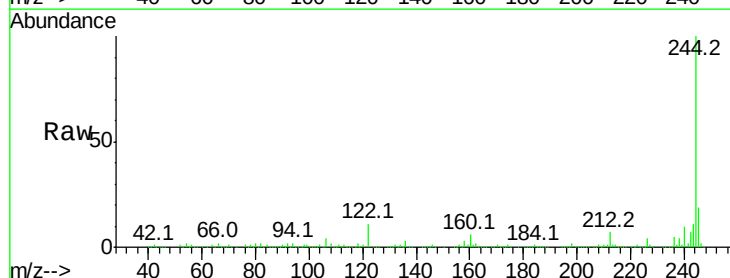
Tgt Ion:244 Resp: 681481

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

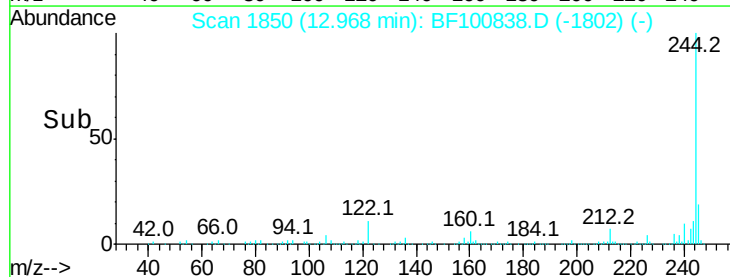
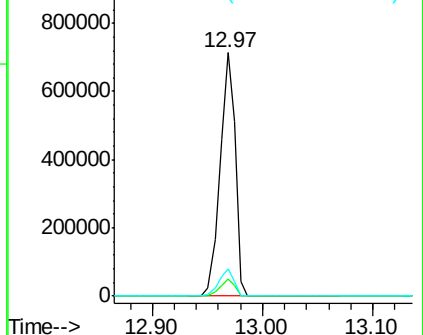
122 11.1 11.0 16.4

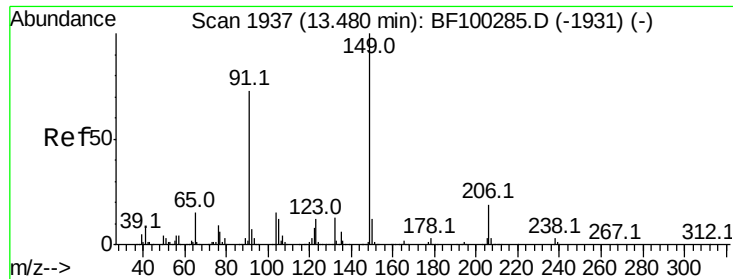


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

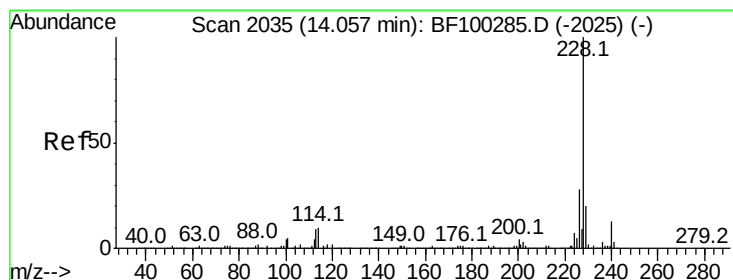
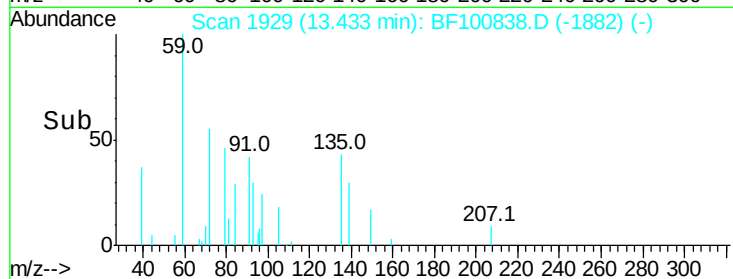
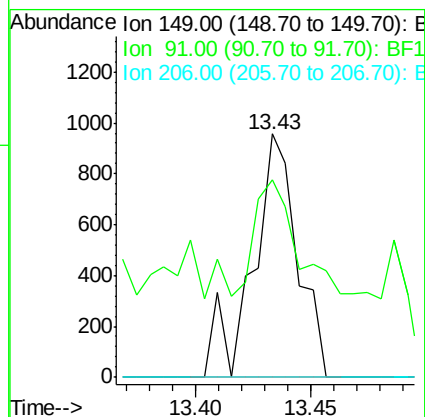
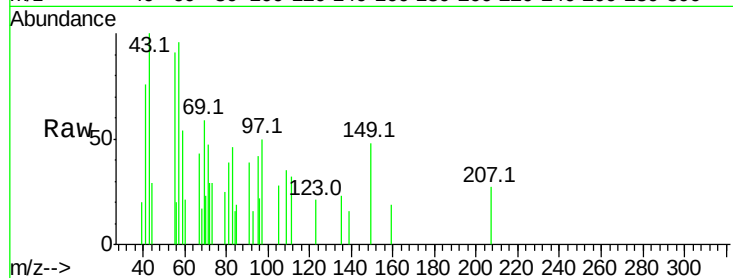




#79
 Butylbenzylphthalate
 Concen: 0.305 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

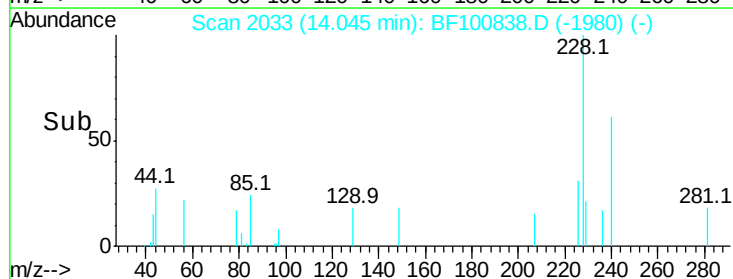
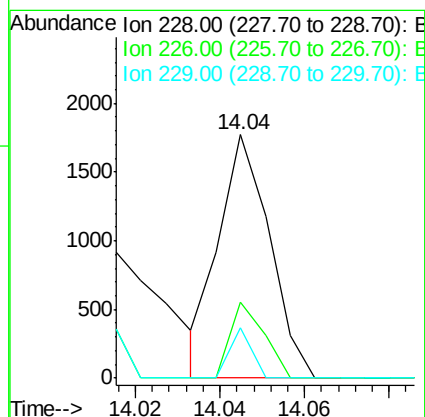
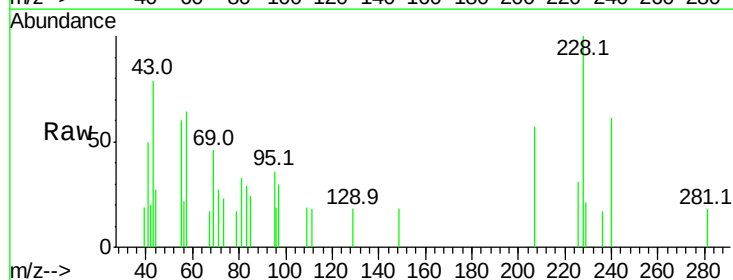
Instrument :
 BNA_F
 ClientSampleID :

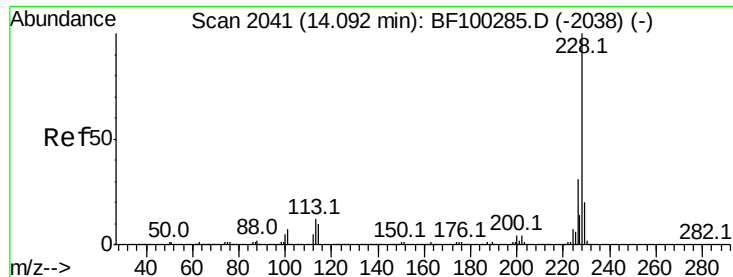
Tot Ion:	149	Resp:	1295
Ion	Ratio	Lower	Upper
149	100		
91	80.9	56.8	85.2
206	0.0	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 0.167 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:	228	Resp:	1473
Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	20.6	15.8	23.6

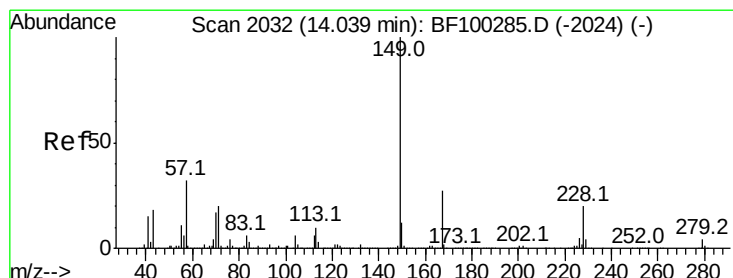
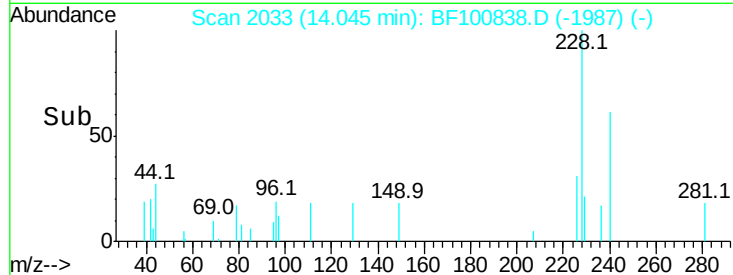
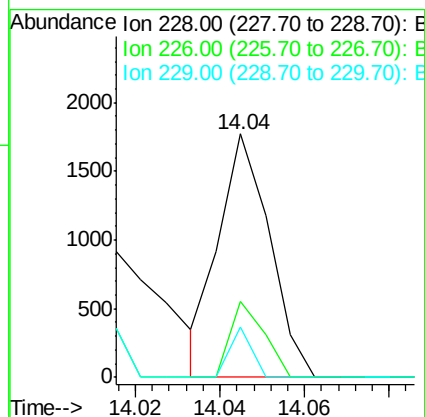
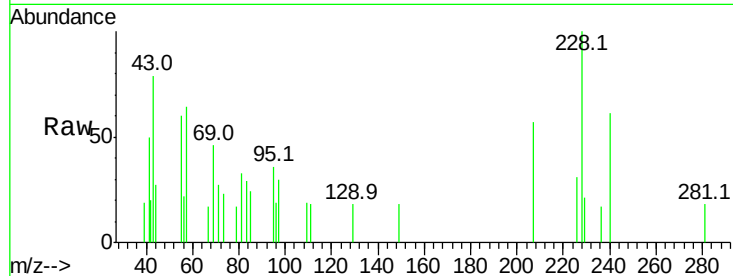




#82
 Chrysene
 Concen: 0.173 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

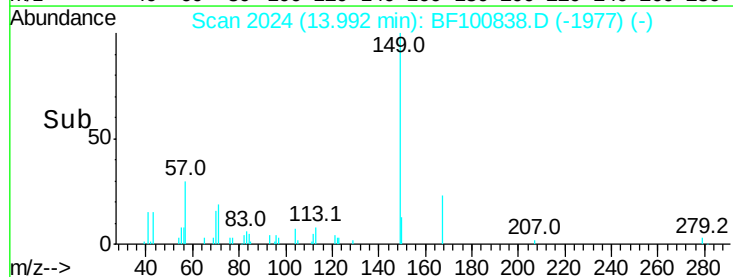
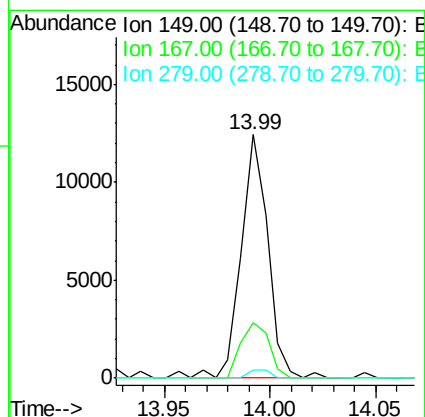
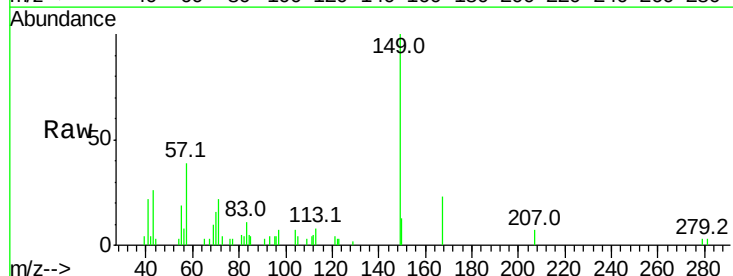
Instrument :
 BNA_F
 ClientSampled :

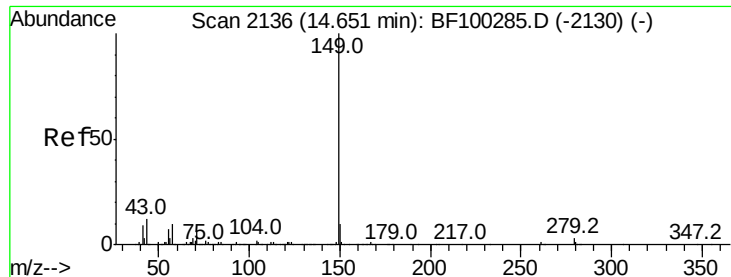
Tot Ion:228 Resp: 1473
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.6 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.939 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:149 Resp: 10826
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.3 31.9
 279 3.2 3.0 4.4

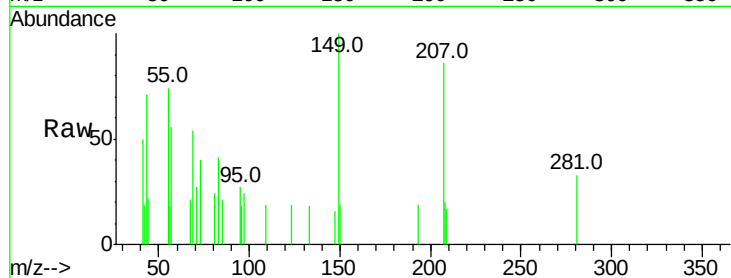




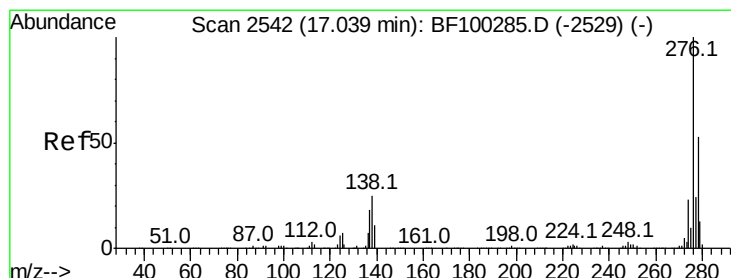
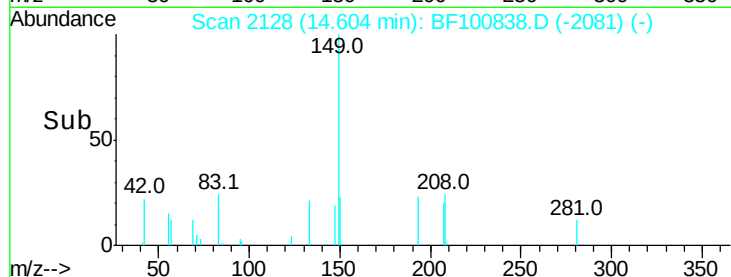
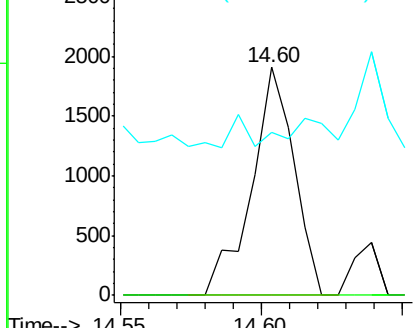
#84
Di-n-octyl phthalate
Concen: 0.208 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1991
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 5.2 8.4 12.6#

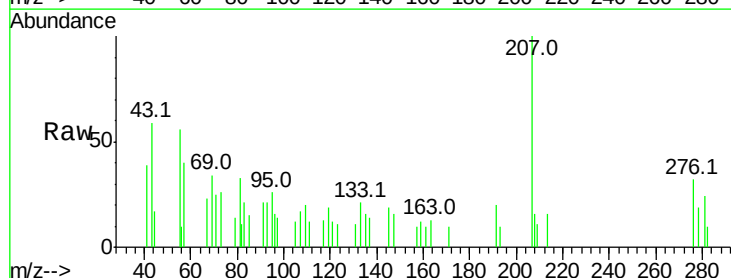


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

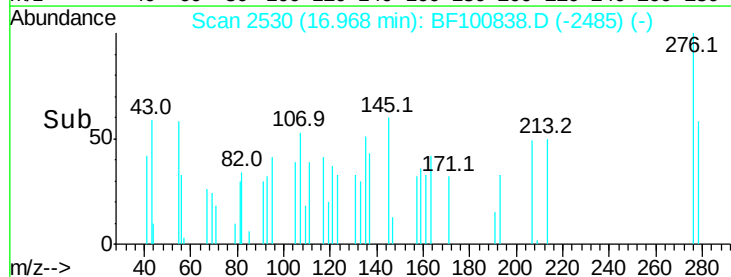
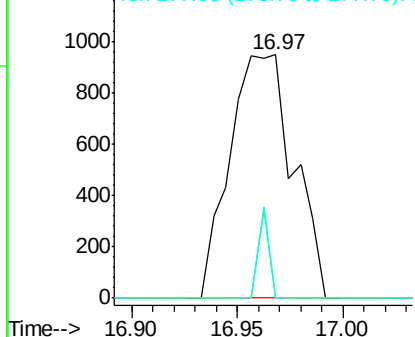


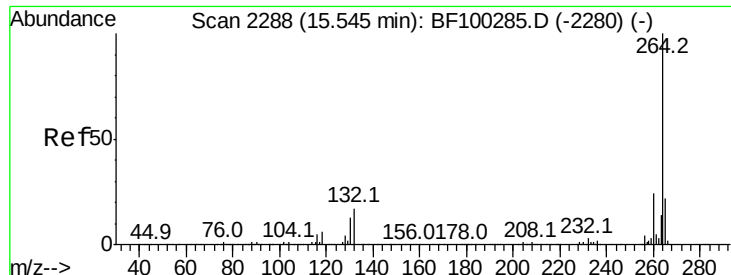
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.289 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF100838.D
Acq: 22 Nov 2017 22:08

Tgt Ion:276 Resp: 1994
Ion Ratio Lower Upper
276 100
138 6.2 25.0 37.6#
277 6.3 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

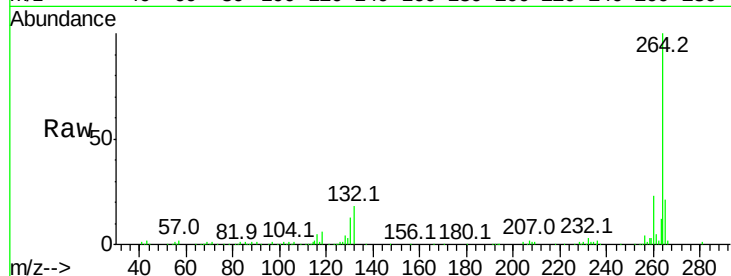




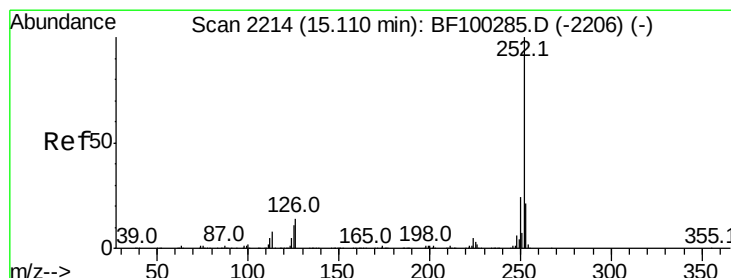
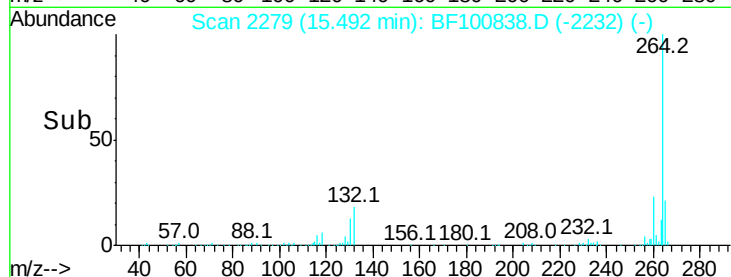
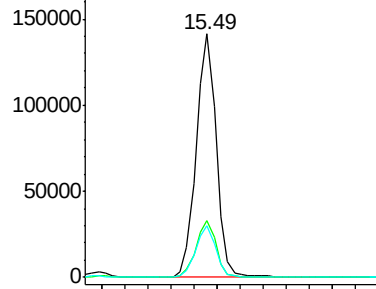
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 169983
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.5 26.3

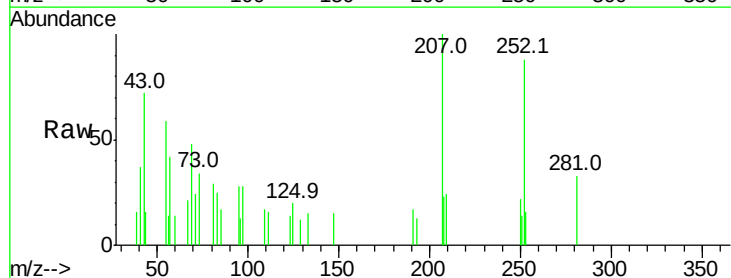


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

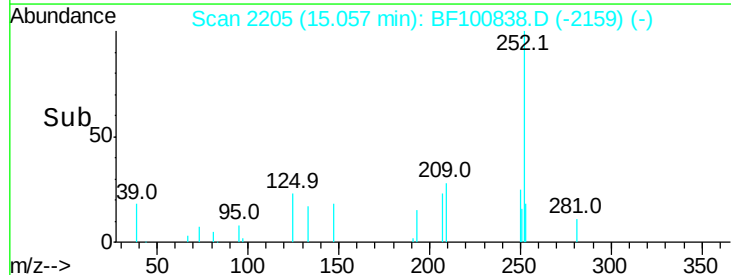
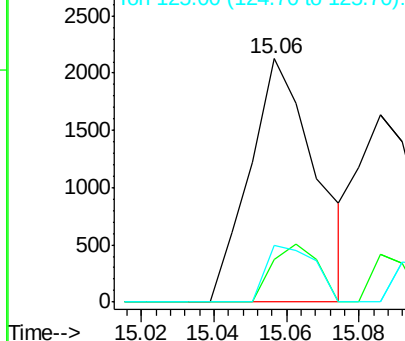


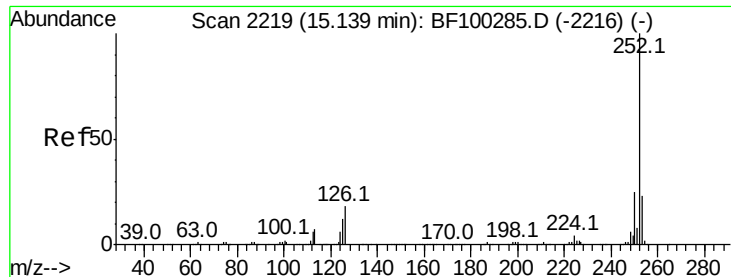
#87
 Benzo(b)fluoranthene
 Concen: 0.268 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.03 min
 Lab File: BF100838.D
 Acq: 22 Nov 2017 22:08

Tgt Ion:252 Resp: 2696
 Ion Ratio Lower Upper
 252 100
 253 17.7 17.0 25.6
 125 23.1 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.182 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.03 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

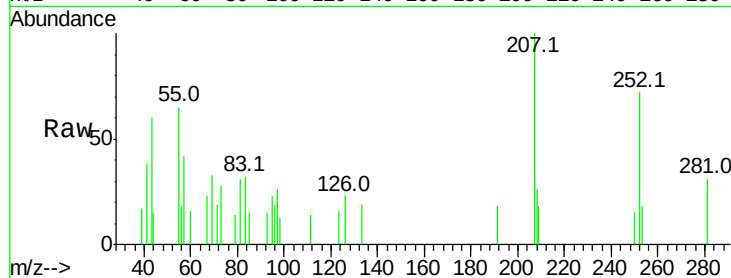
Tot Ion:252 Resp: 1730

Ion Ratio Lower Upper

252 100

253 25.2 17.9 26.9

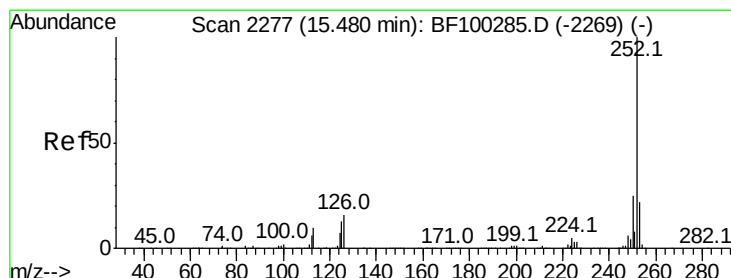
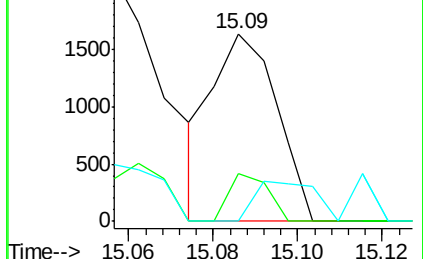
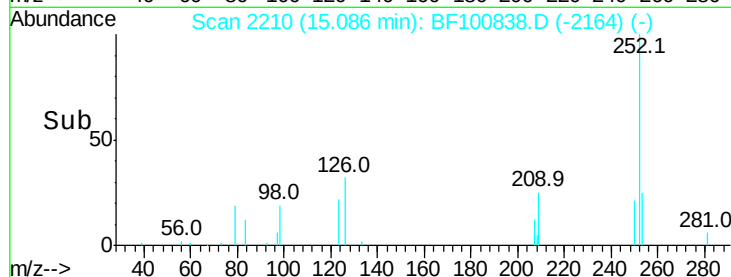
125 0.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.154 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

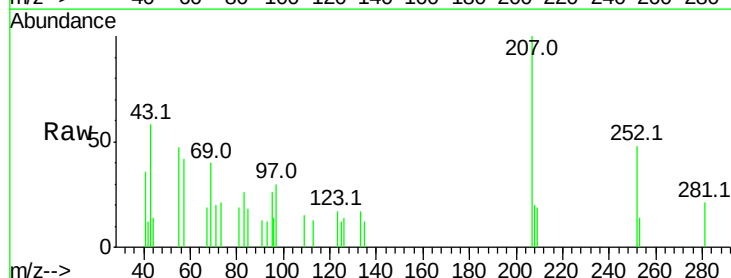
Tgt Ion:252 Resp: 1374

Ion Ratio Lower Upper

252 100

253 29.0 17.1 25.7#

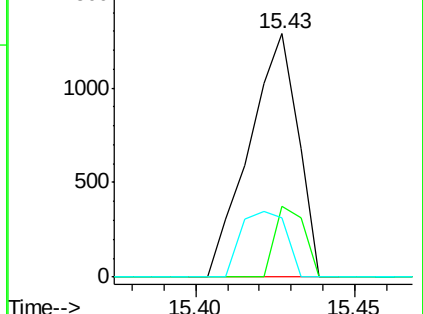
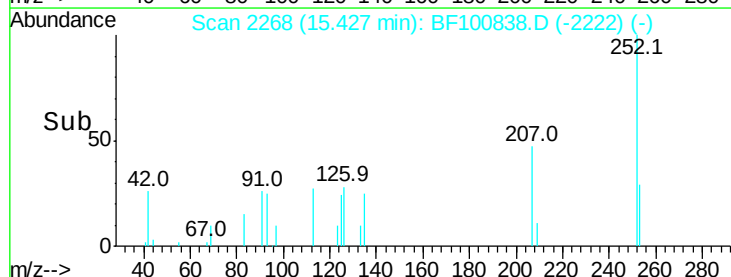
125 24.5 9.8 14.6#

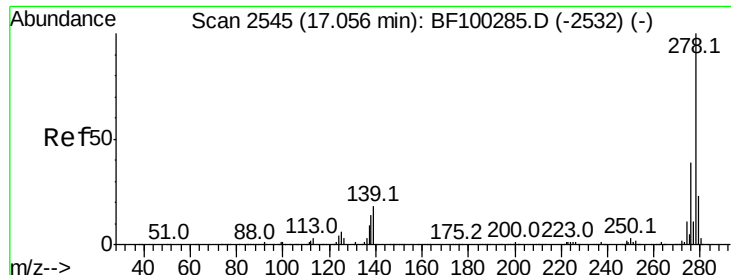


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.171 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

Instrument :

BNA_F

ClientSampleId :

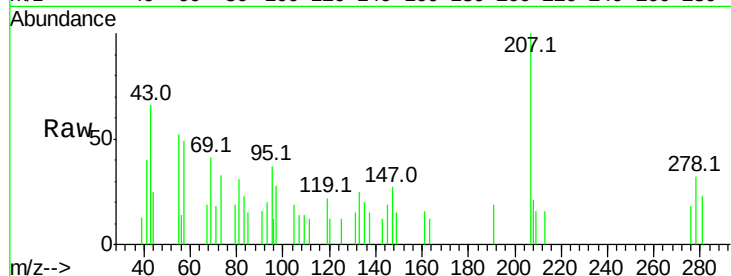
Tot Ion:278 Resp: 1251

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

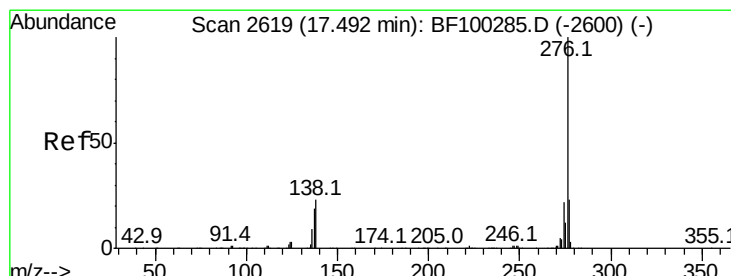
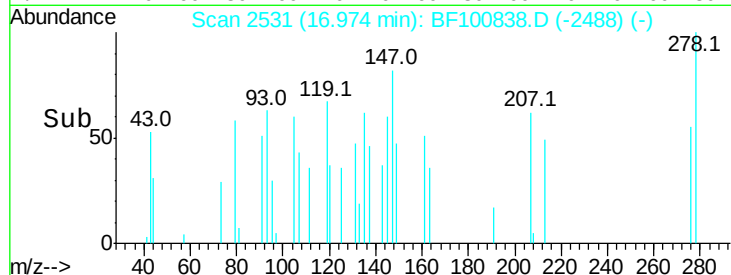
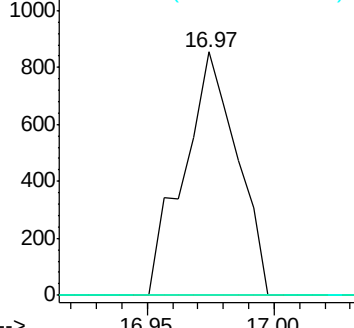
279 0.0 19.0 28.4#



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: 0.203 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BF100838.D

Acq: 22 Nov 2017 22:08

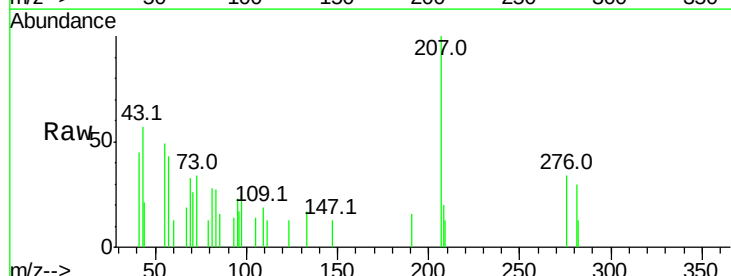
Tgt Ion:276 Resp: 1448

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

