

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101073.D
 Acq On : 1 Dec 2017 19:45
 Operator : SJ/JU
 Sample : I6622-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Quant Time: Dec 01 21:53:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55417	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	213644	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89694	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	137670	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128169	20.00	ng	0.00
86) Perylene-d12	15.49	264	110189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	327132	97.55	ng	0.01
7) Phenol-d6	6.50	99	398487	97.87	ng	0.02
23) Nitrobenzene-d5	7.42	82	232050	64.79	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	71973	66.80	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	391270	59.68	ng	0.00
78) Terphenyl-d14	12.96	244	274985	46.93	ng	0.00

Target Compounds

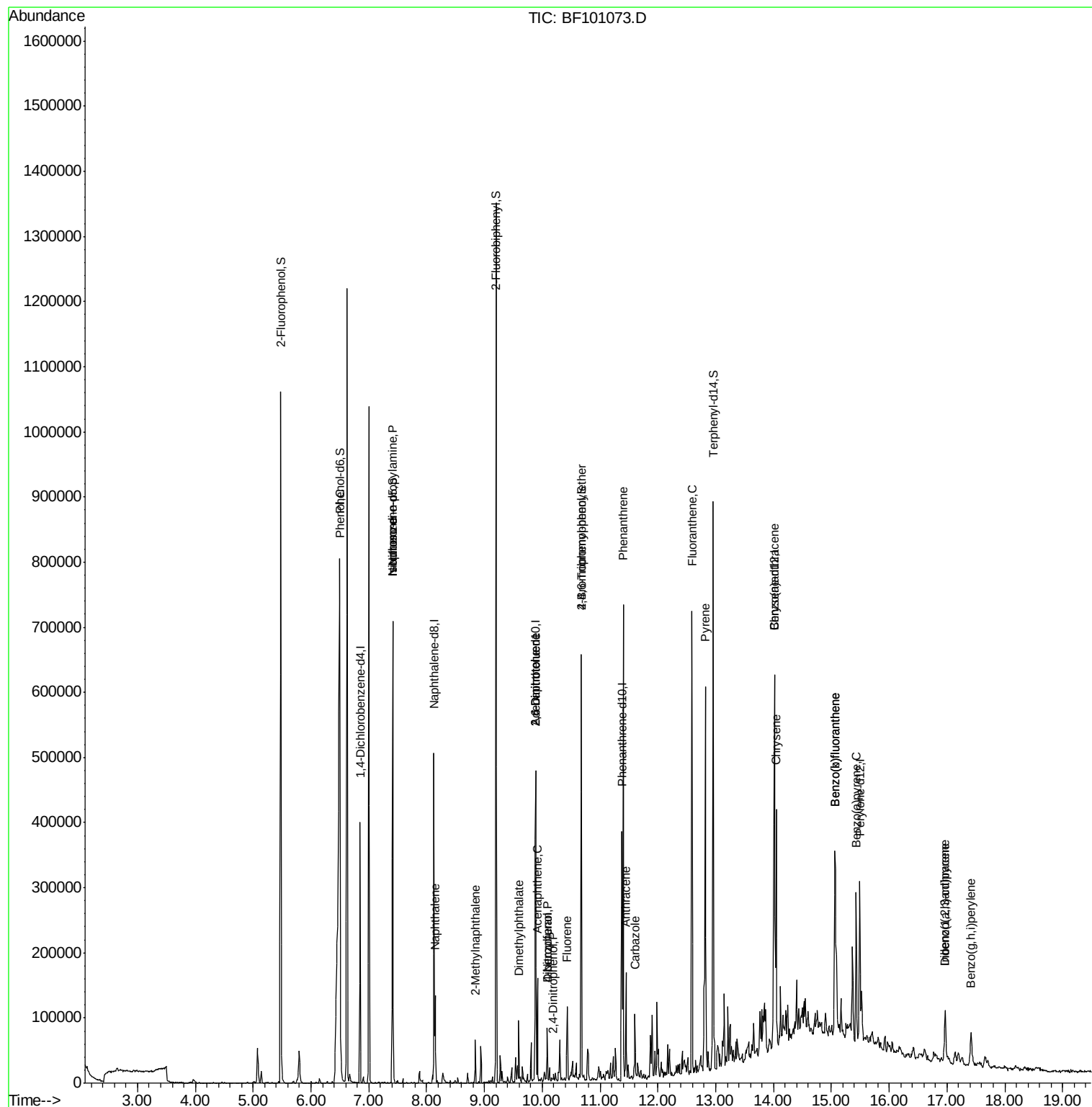
						Qvalue
10) Phenol	6.51	94	13757	3.039	ng	79
19) n-Nitroso-di-n-propylamine	7.42	70	30987	11.300	ng	# 79
25) Isophorone	7.42	82	232045	37.931	ng	# 64
31) Naphthalene	8.15	128	52687	5.004	ng	99
37) 2-Methylnaphthalene	8.84	142	16894	2.361	ng	97
49) Dimethylphthalate	9.59	163	30731	4.248	ng	100
50) 2,6-Dinitrotoluene	9.89	165	12609	8.276	ng	# 25
51) Acenaphthene	9.92	154	28207	4.912	ng	99
53) 2,4-Dinitrophenol	10.18	184	385	5.289	ng	# 1
54) Dibenzofuran	10.09	168	26153	3.160	ng	97
55) 4-Nitrophenol	10.09	139	9770	8.455	ng	# 10
56) 2,4-Dinitrotoluene	9.89	165	12609	6.175	ng	# 23
57) Fluorene	10.43	166	31583	4.694	ng	98
66) 4-Bromophenyl-phenylether	10.67	248	4860	3.154	ng	# 1
70) Phenanthrene	11.40	178	253702	33.464	ng	97
71) Anthracene	11.45	178	67164	8.753	ng	97
72) Carbazole	11.60	167	34309	4.894	ng	98
74) Fluoranthene	12.59	202	284475	33.850	ng	93
77) Pyrene	12.82	202	237413	26.844	ng	98
80) Benzo(a)anthracene	14.01	228	151970	18.779	ng	97
82) Chrysene	14.04	228	133624	17.780	ng	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	49488	7.407	ng	# 92
87) Benzo(b)fluoranthene	15.06	252	216312	32.774	ng	99
88) Benzo(k)fluoranthene	15.06	252	216312	33.266	ng	98
89) Benzo(a)pyrene	15.43	252	106674	17.778	ng	96
90) Dibenzo(a,h)anthracene	16.97	278	13404	2.534	ng	94
91) Benzo(g,h,i)perylene	17.42	276	44566	8.940	ng	# 89

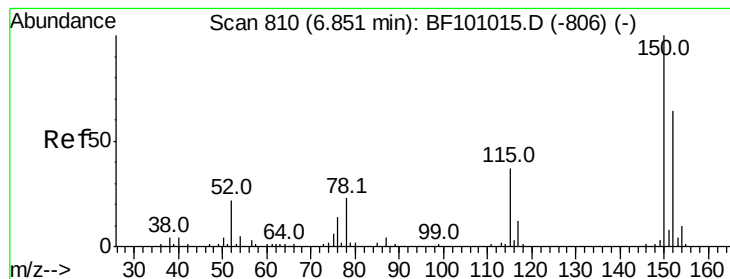
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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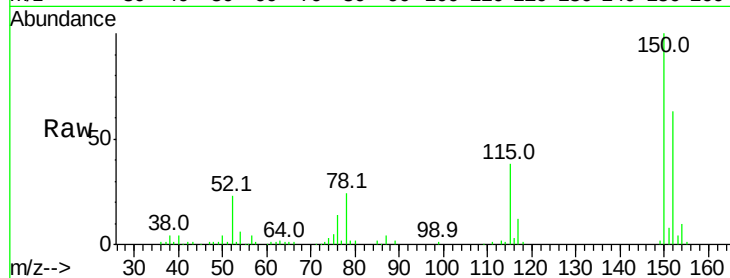


#1

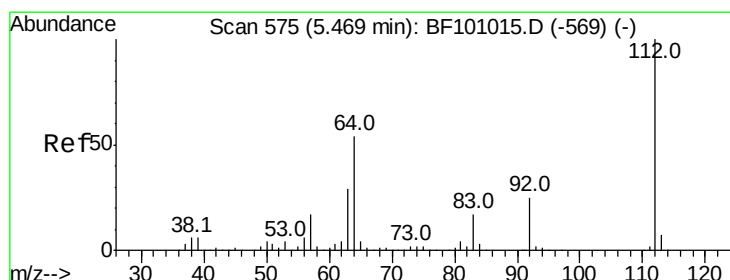
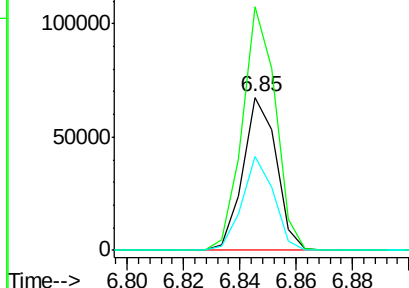
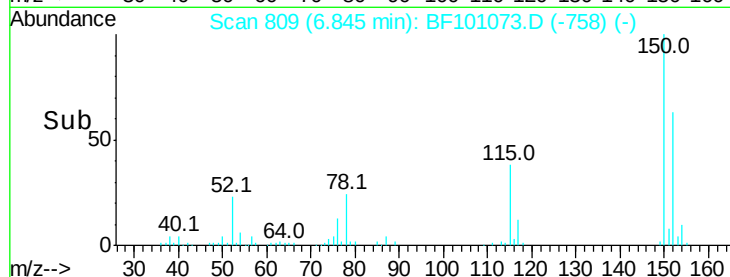
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tot Ion:152 Resp: 55417
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.0 50.1 75.1



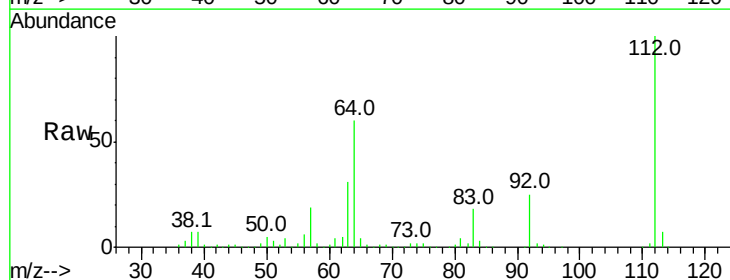
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



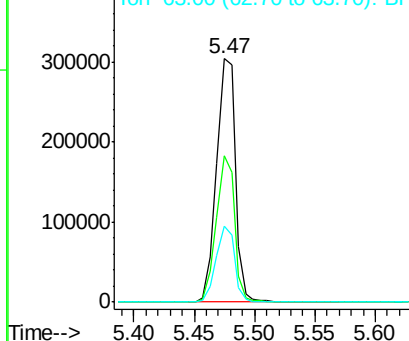
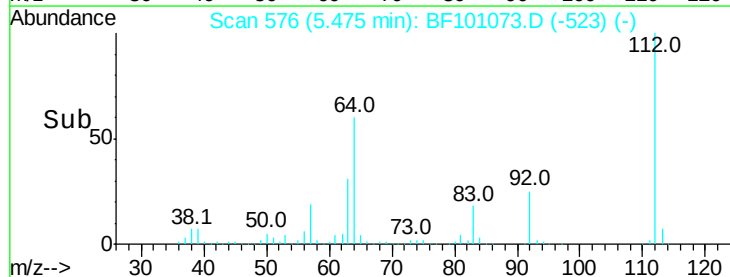
#5

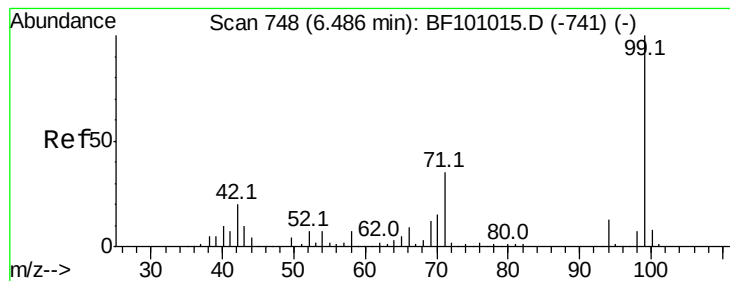
2-Fluorophenol
Concen: 97.545 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:112 Resp: 327132
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.4 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





#7

Phenol-d6

Concen: 97.869 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

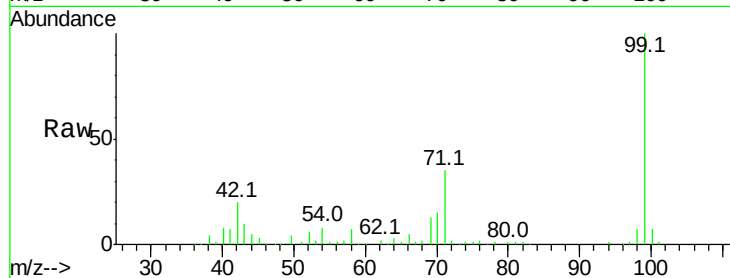
Tot Ion: 99 Resp: 398487

Ion Ratio Lower Upper

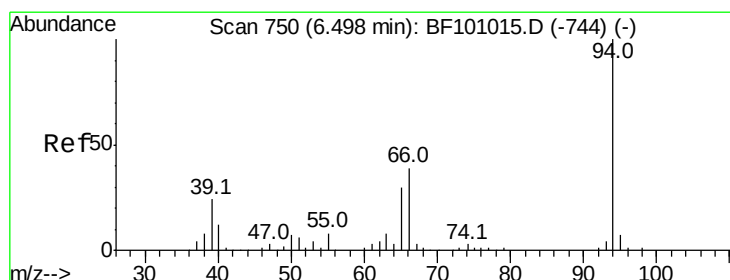
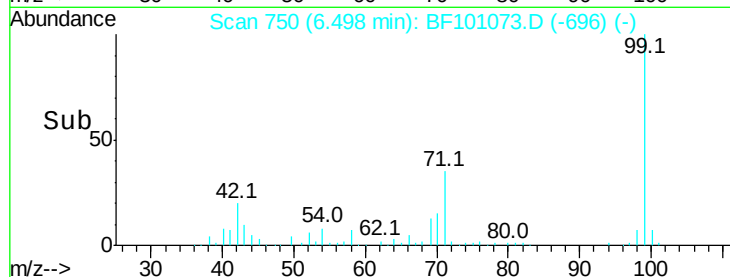
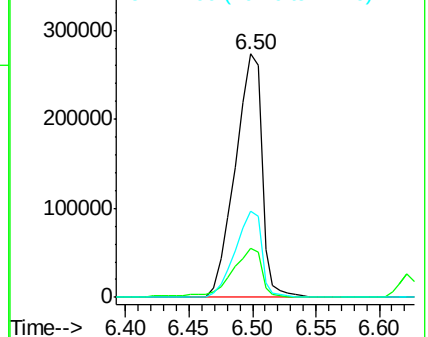
99 100

42 20.1 14.5 21.7

71 35.5 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



#10

Phenol

Concen: 3.039 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

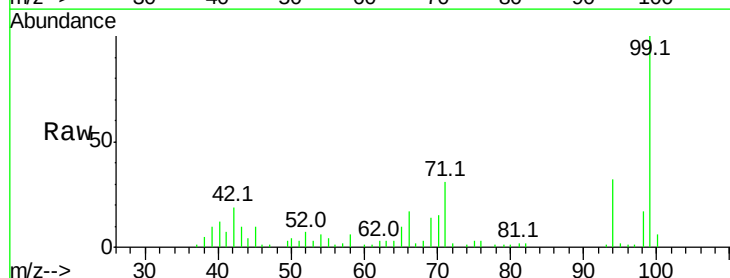
Tgt Ion: 94 Resp: 13757

Ion Ratio Lower Upper

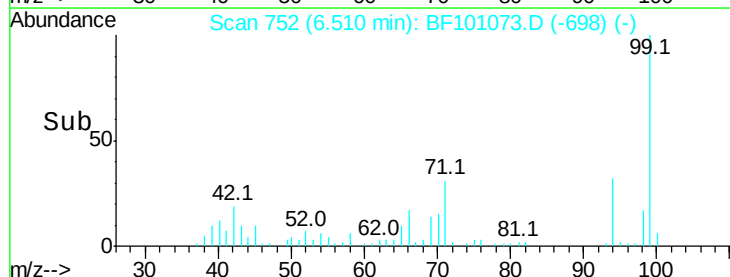
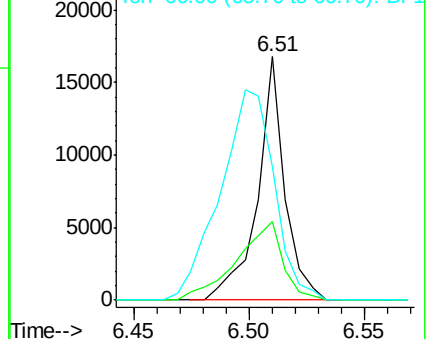
94 100

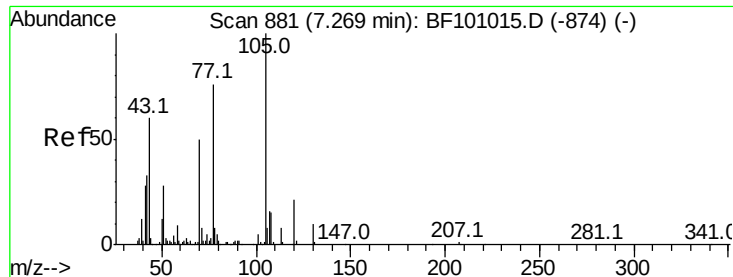
65 32.1 7.9 47.9

66 55.0 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

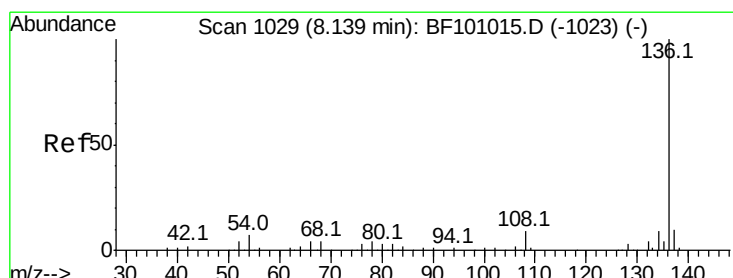
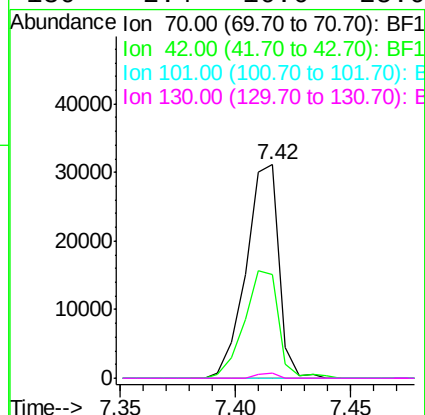
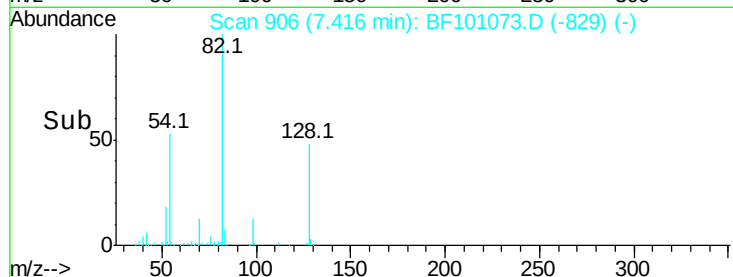
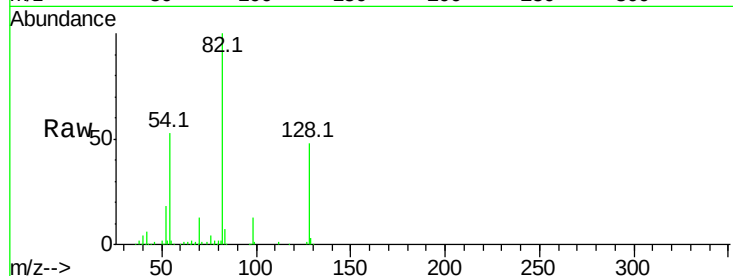




#19
n-Nitroso-di-n-propylamine
Concen: 11.300 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

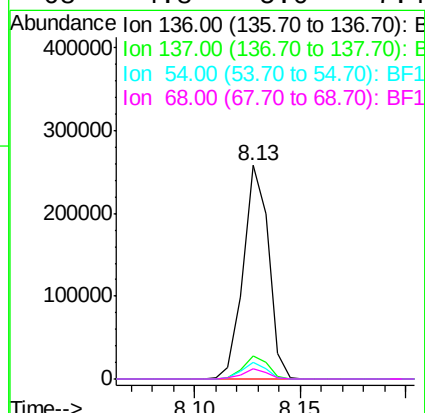
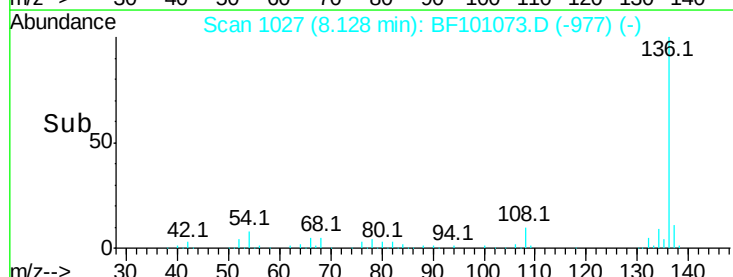
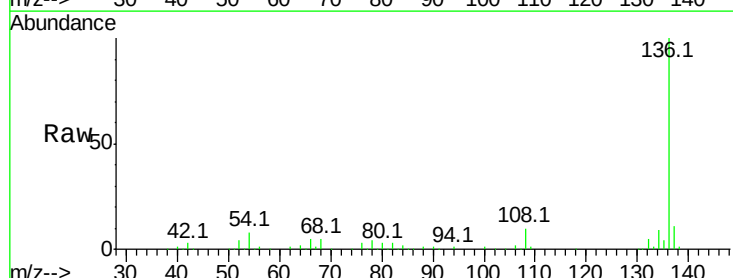
Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

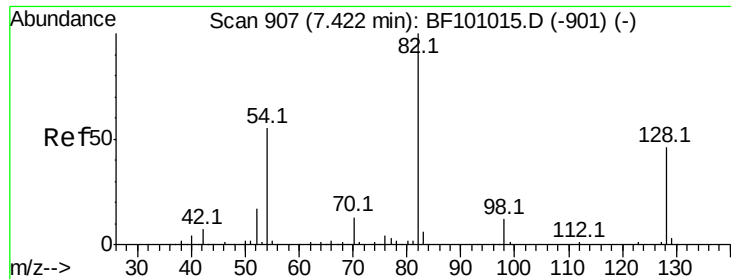
Tot Ion: 70 Resp: 30987
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion: 136 Resp: 213644
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 6.6 9.8
68 4.8 5.0 7.4#

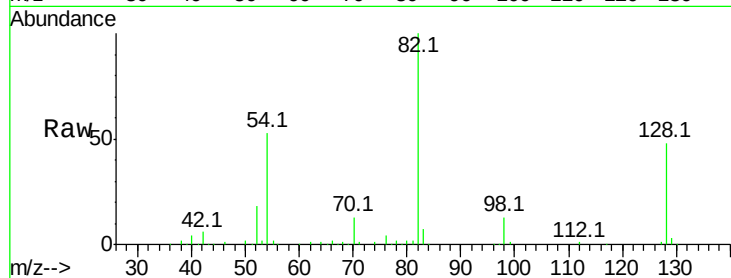




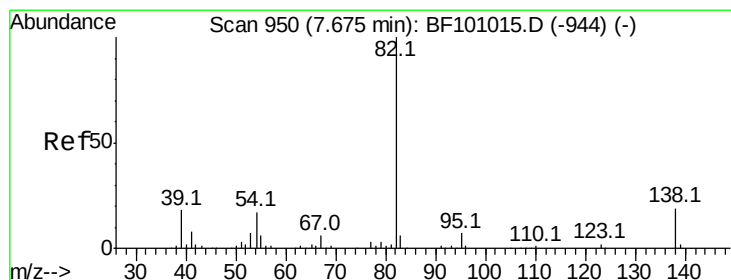
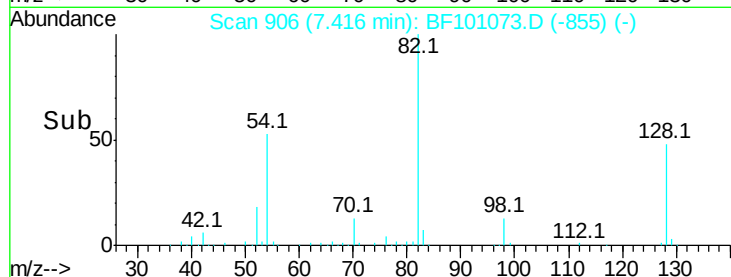
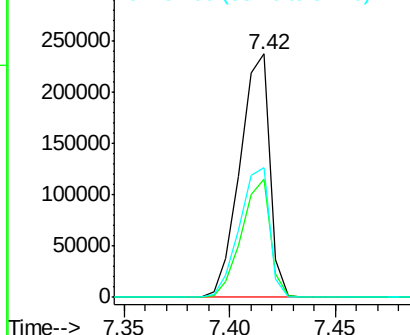
#23
 Nitrobenzene-d5
 Concen: 64.792 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Tot Ion	82	Resp	232050
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	53.4	41.4	62.2

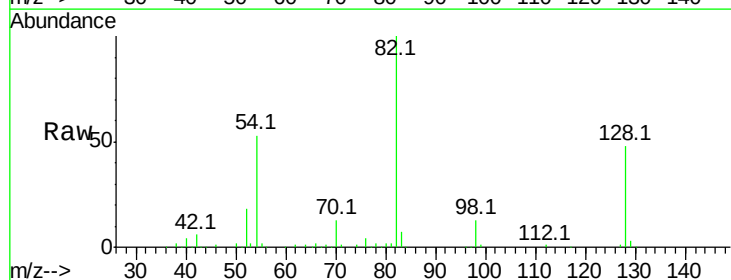


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

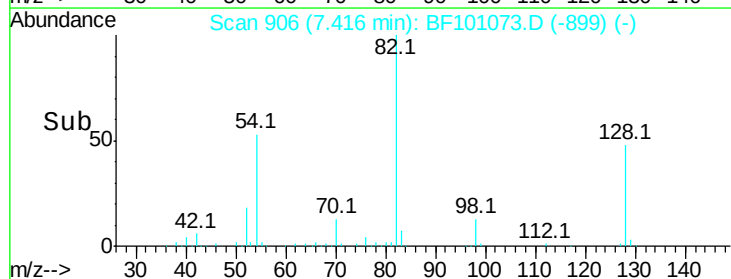
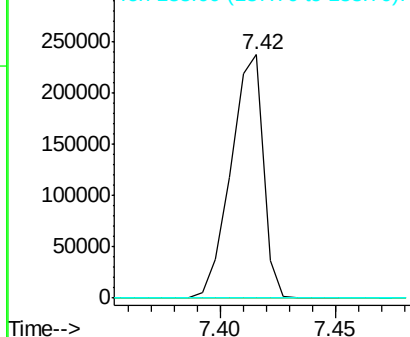


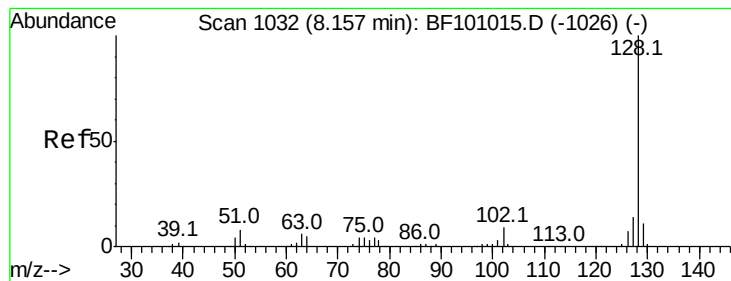
#25
 Isophorone
 Concen: 37.931 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Tgt Ion	82	Resp	232045
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





#31

Naphthalene

Concen: 5.004 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

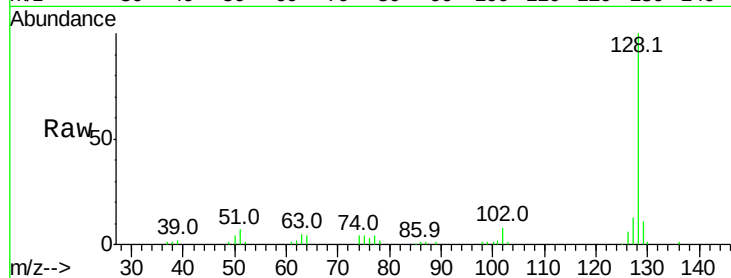
Tot Ion:128 Resp: 52687

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

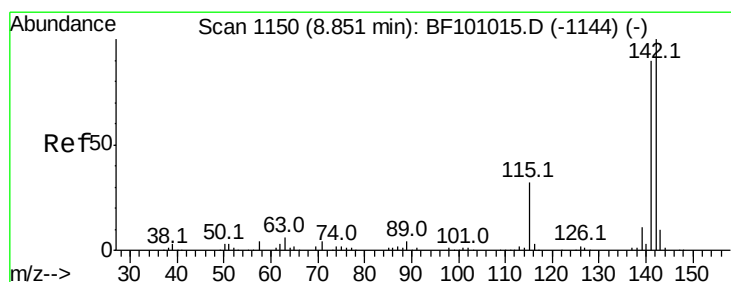
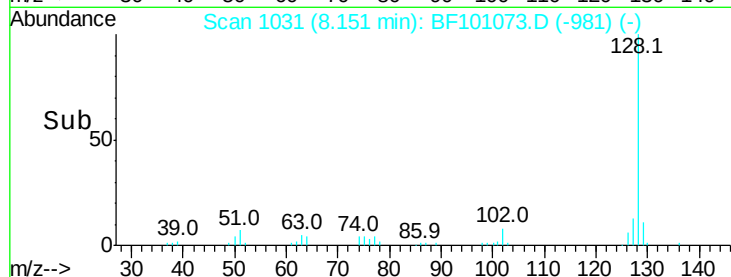
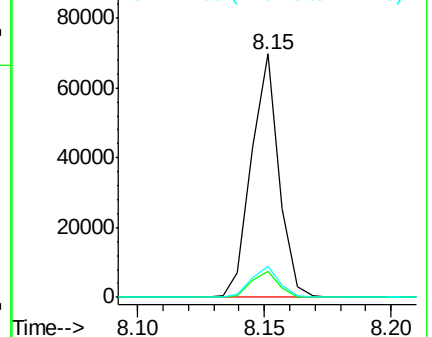
127 12.8 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 2.361 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

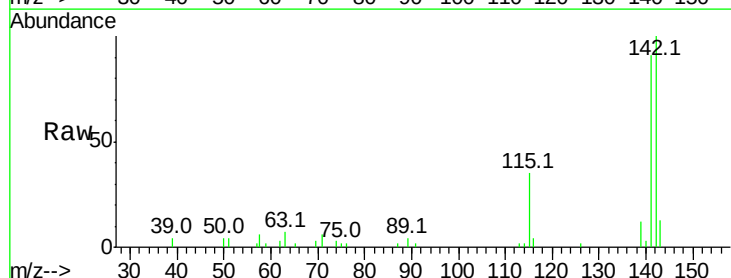
Tgt Ion:142 Resp: 16894

Ion Ratio Lower Upper

142 100

141 91.4 70.8 106.2

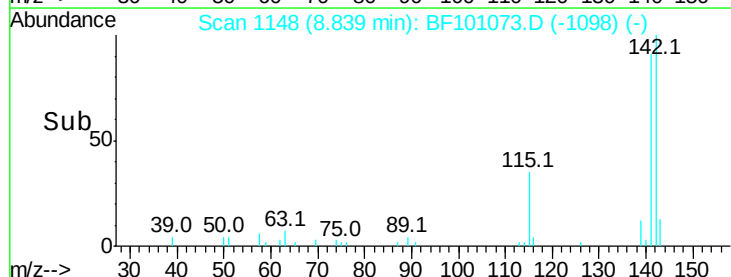
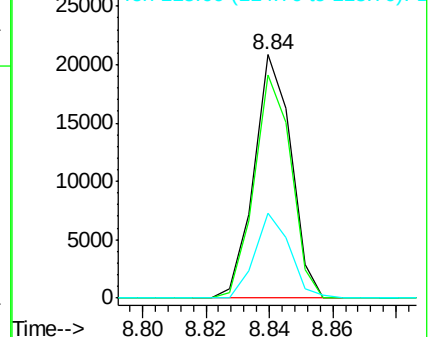
115 35.1 26.1 39.1

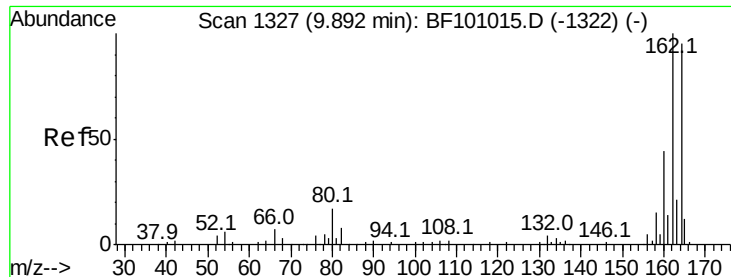


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

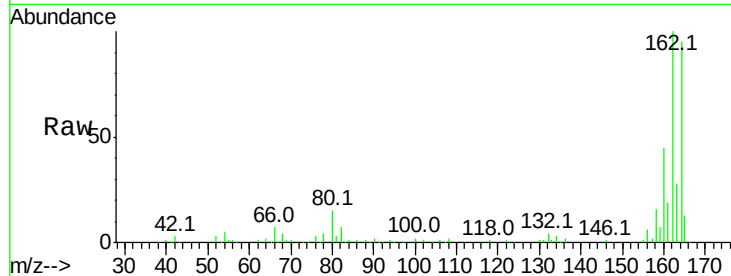




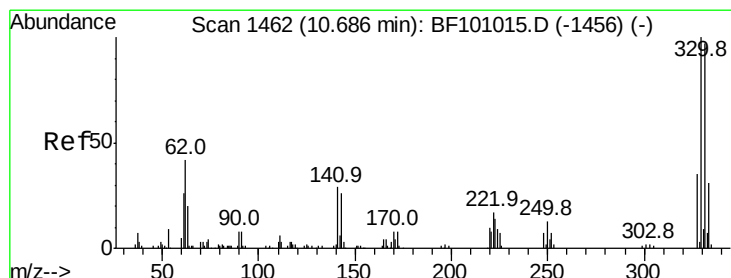
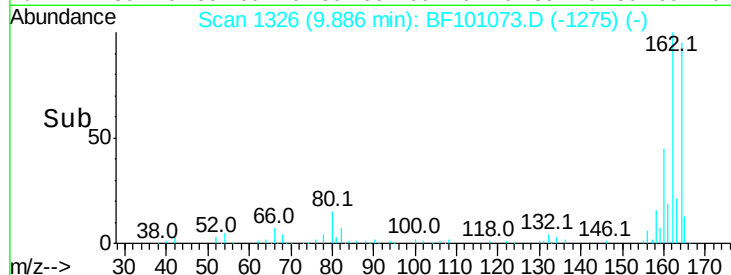
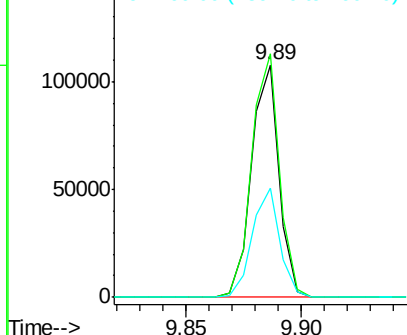
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tot Ion:164 Resp: 89694
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 47.2 38.3 57.5

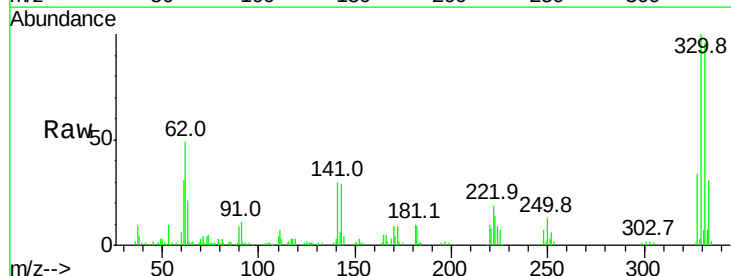


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

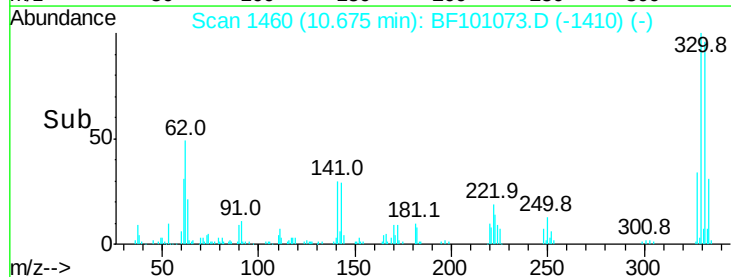
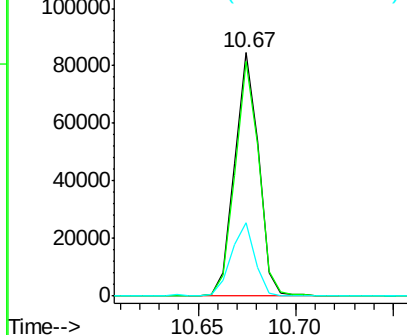


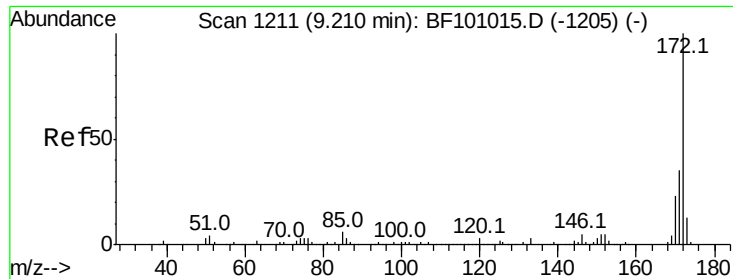
#41
2,4,6-Tribromophenol
Concen: 66.798 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:330 Resp: 71973
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 29.9 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

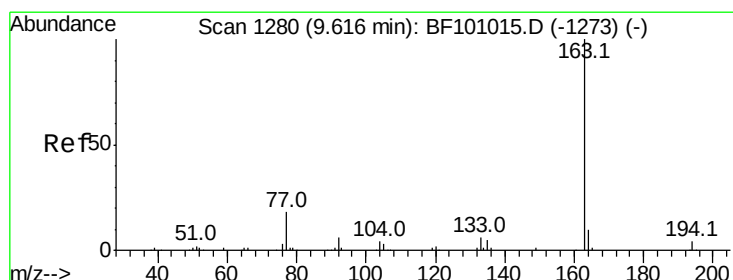
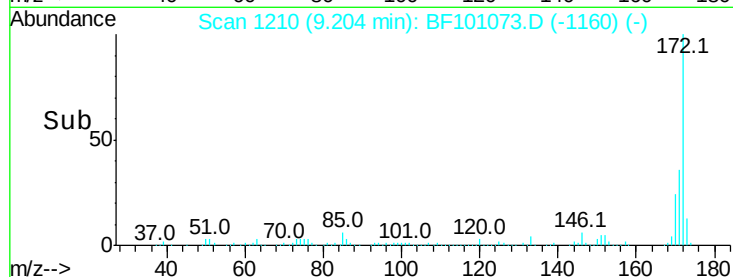
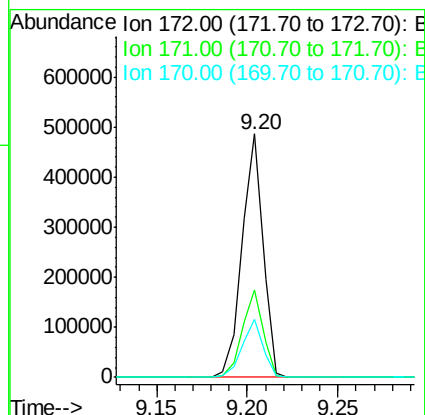
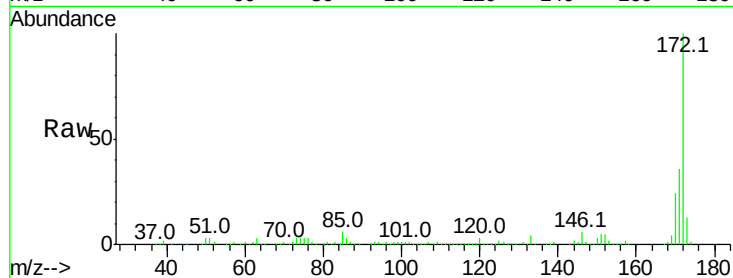




#44
2-Fluorobiphenyl
Concen: 59.685 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

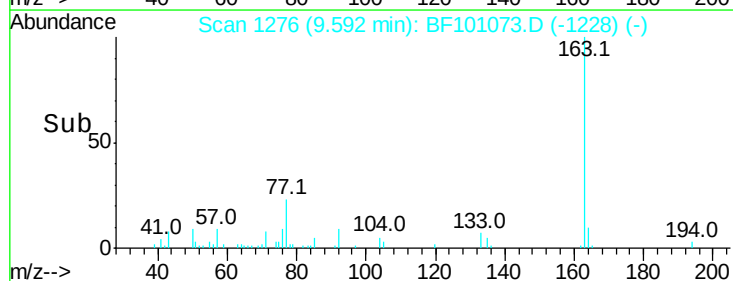
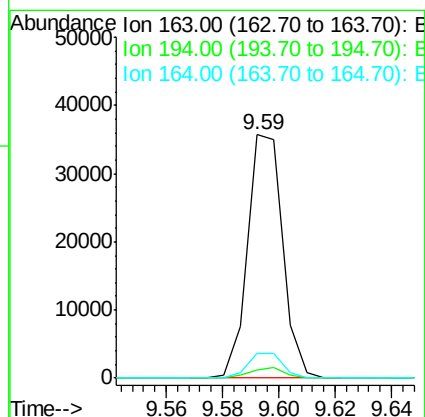
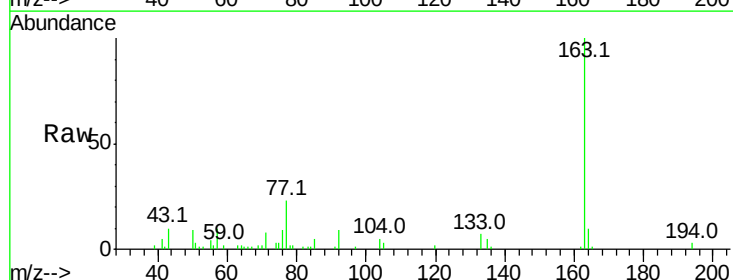
Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

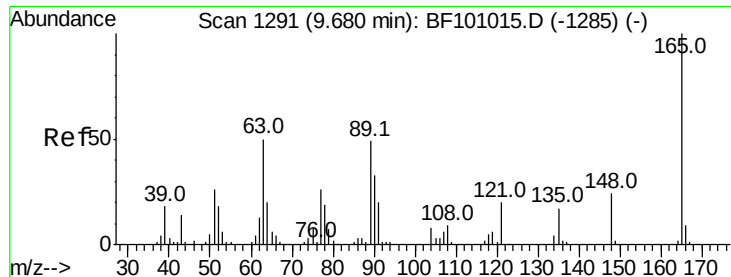
Tot Ion:172 Resp: 391270
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 4.248 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:163 Resp: 30731
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

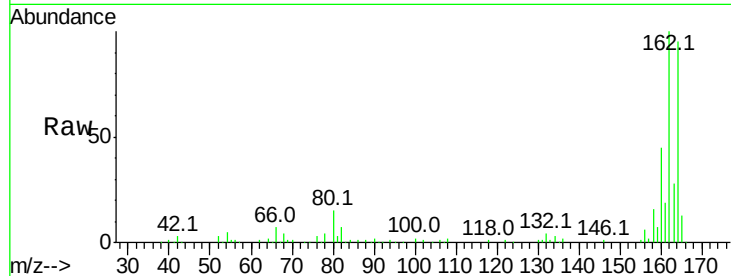




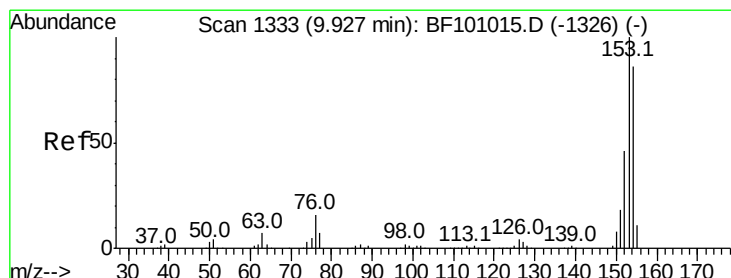
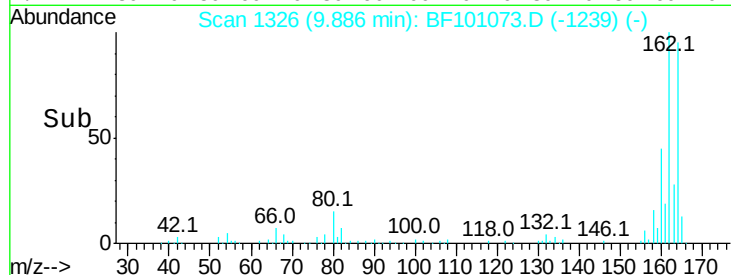
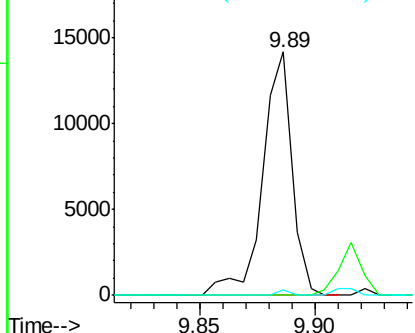
#50
2,6-Dinitrotoluene
Concen: 8.276 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tot Ion:165 Resp: 12609
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 2.1 44.0 66.0#

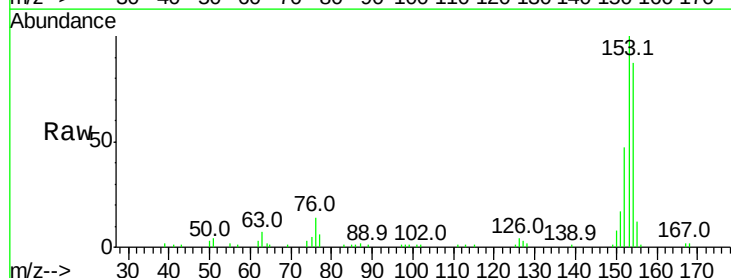


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

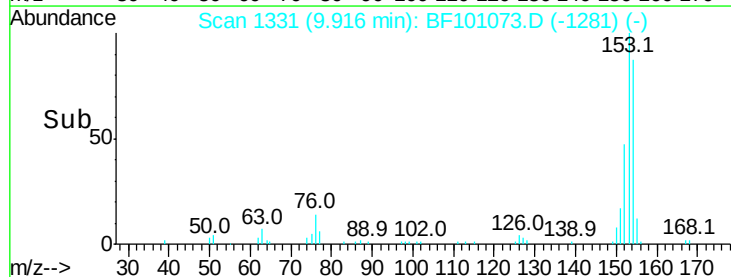
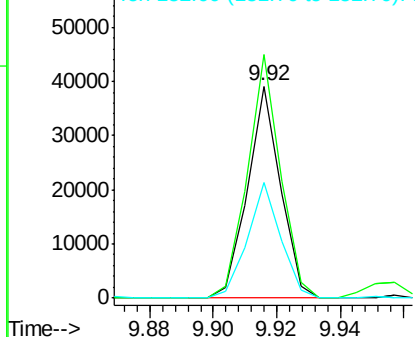


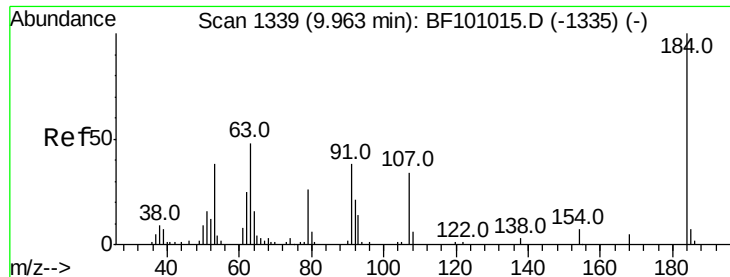
#51
Acenaphthene
Concen: 4.912 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:154 Resp: 28207
Ion Ratio Lower Upper
154 100
153 114.8 91.2 136.8
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

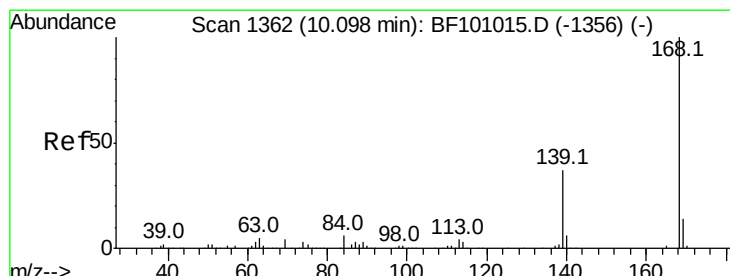
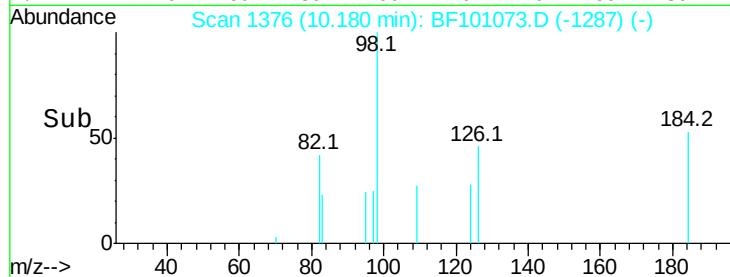
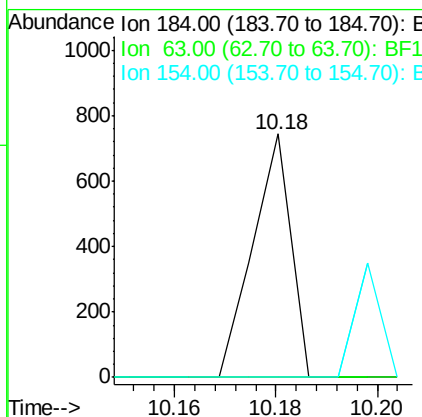
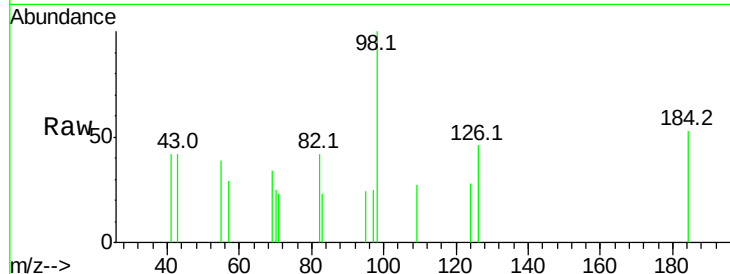




#53
 2,4-Dinitrophenol
 Concen: 5.289 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.22 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

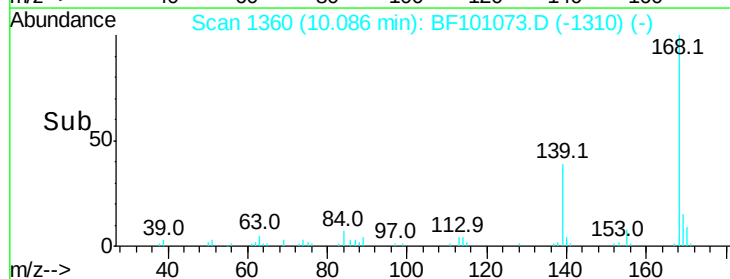
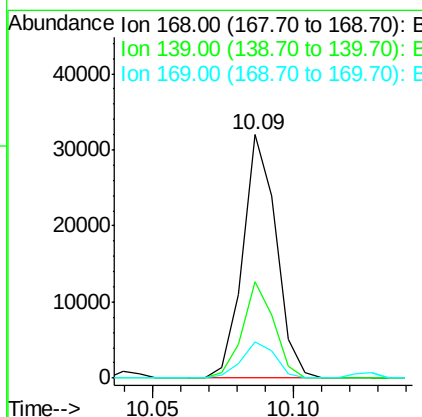
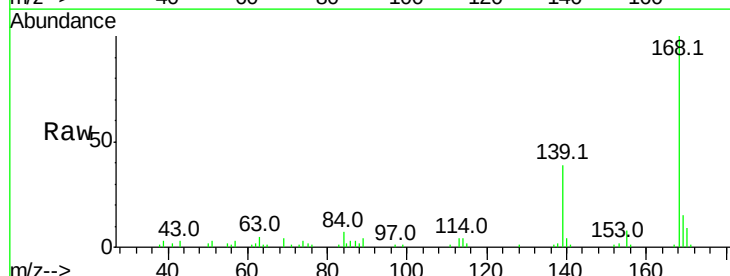
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

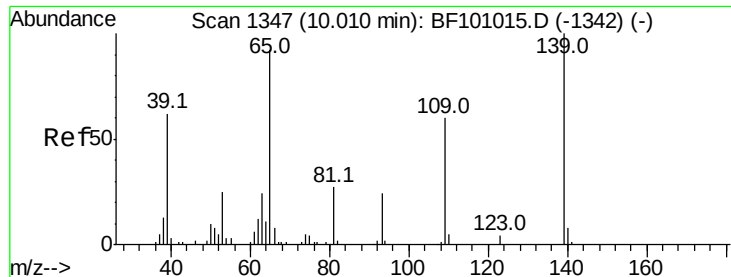
Tot Ion:184 Resp: 385
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 3.160 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Tgt Ion:168 Resp: 26153
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 14.9 10.9 16.3





#55

4-Nitrophenol

Concen: 8.455 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.08 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

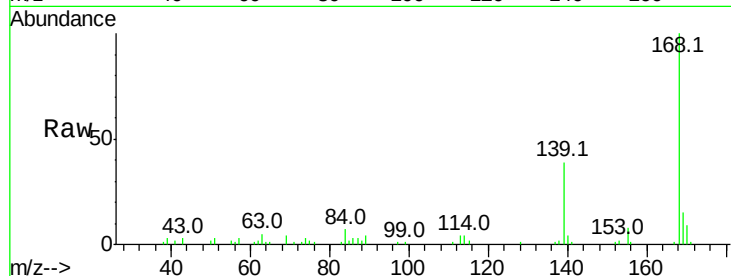
Tot Ion:139 Resp: 9770

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

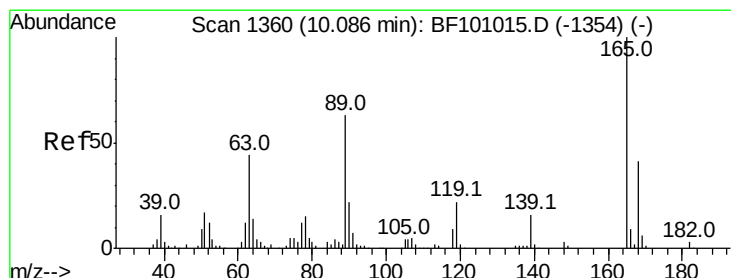
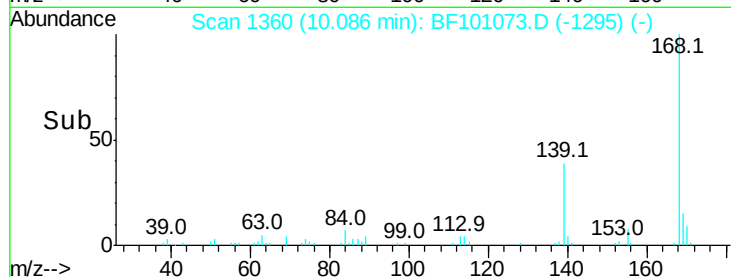
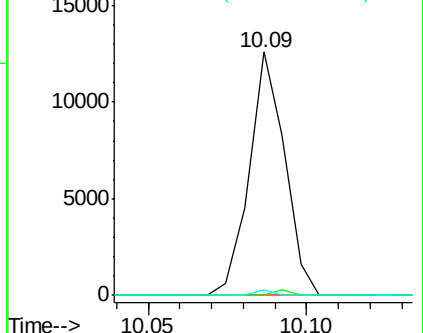
65 2.4 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.175 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Tgt Ion:165 Resp: 12609

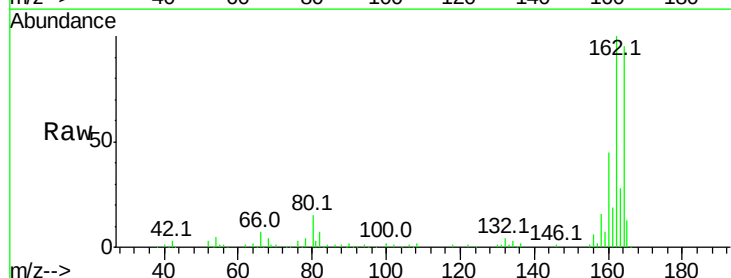
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 2.1 57.8 86.6#

182 0.0 1.6 2.4#

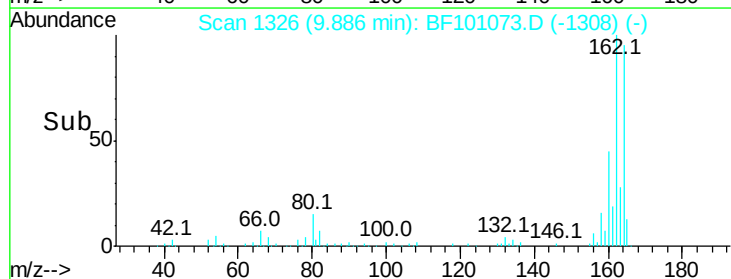
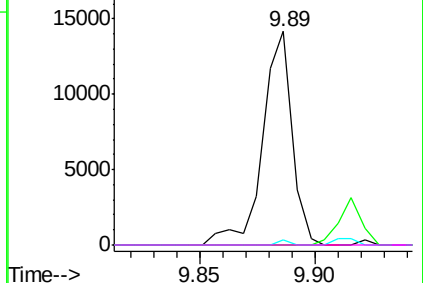


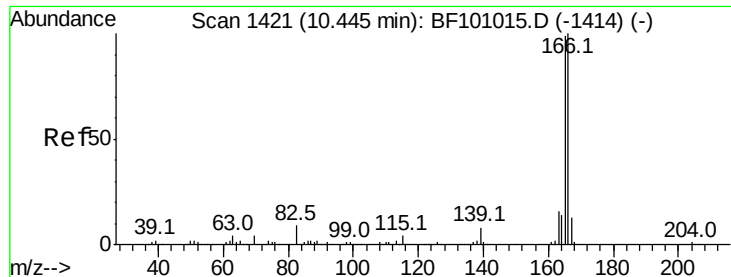
Abundance Ion 165.00 (164.70 to 165.70): E

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

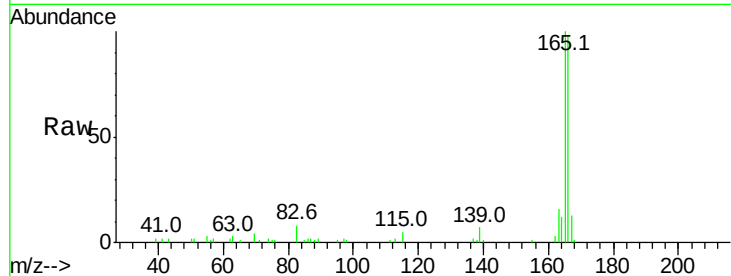




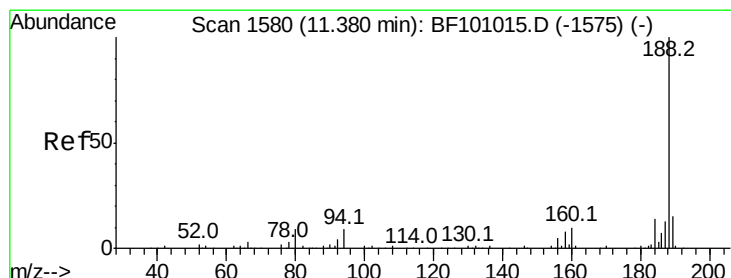
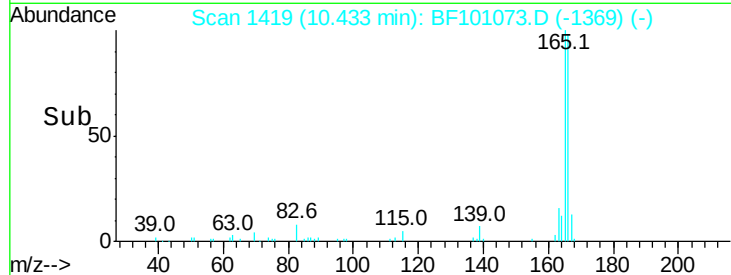
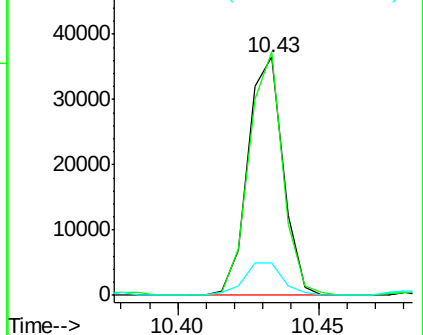
#57
Fluorene
 Concen: 4.694 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Tot Ion:166 Resp: 31583
 Ion Ratio Lower Upper
 166 100
 165 102.2 79.8 119.8
 167 13.5 10.6 16.0

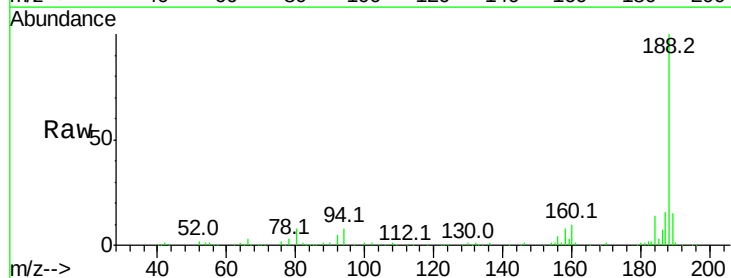


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

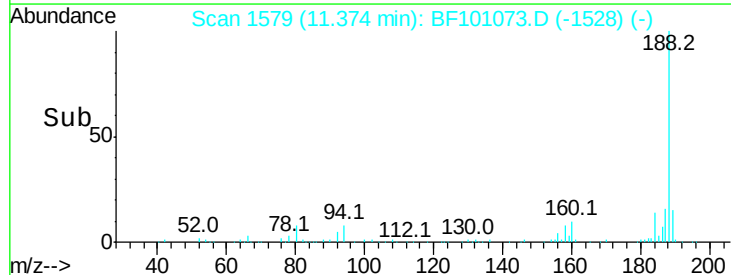
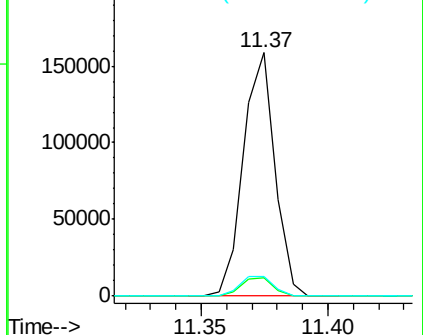


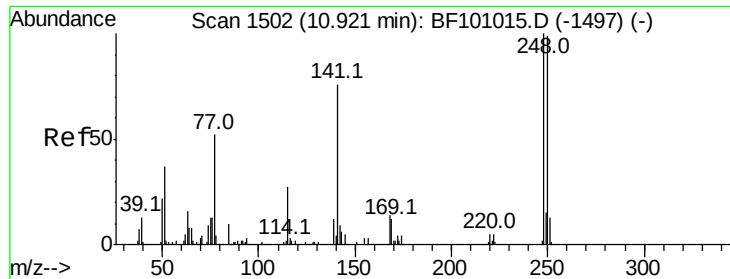
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Tgt Ion:188 Resp: 137670
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.1 9.2 13.8#



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

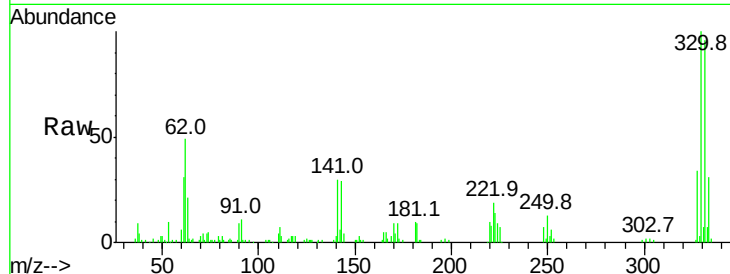




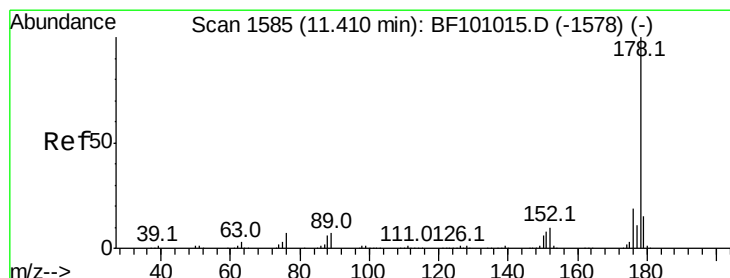
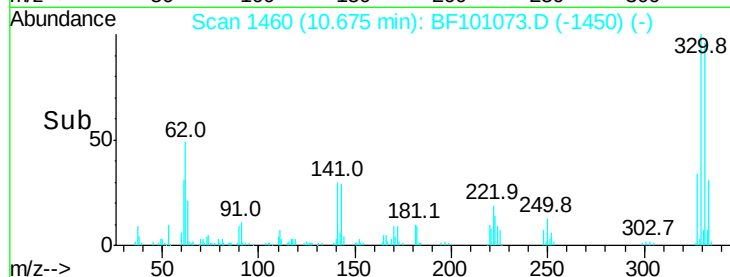
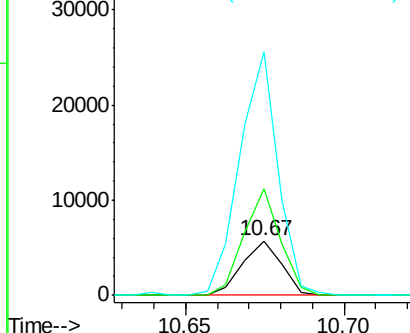
#66
 4-Bromophenyl-phenylether
 Concen: 3.154 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Tot Ion:248 Resp: 4860
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.9 115.3#
 141 448.4 74.4 111.6#

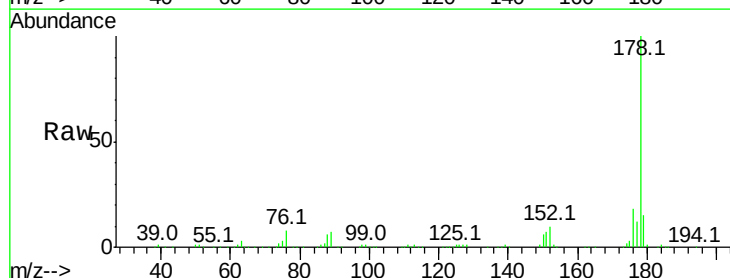


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

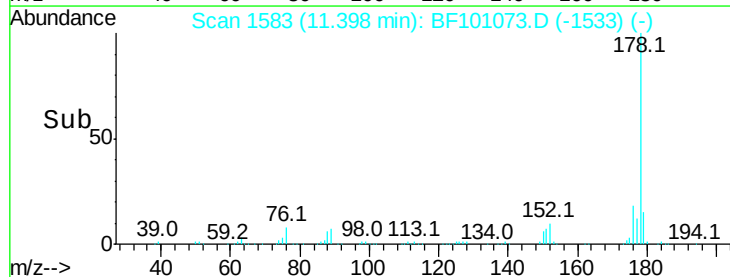
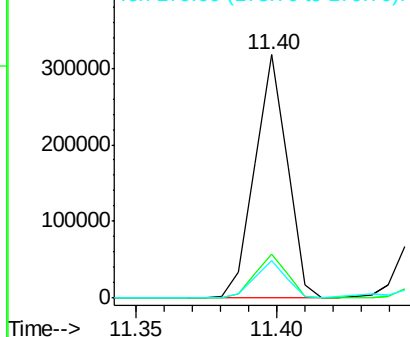


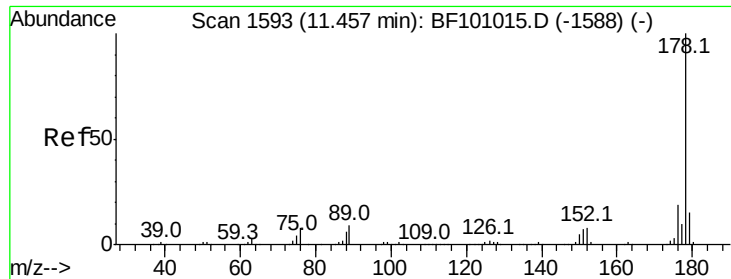
#70
 Phenanthrene
 Concen: 33.464 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Tgt Ion:178 Resp: 253702
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.3 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

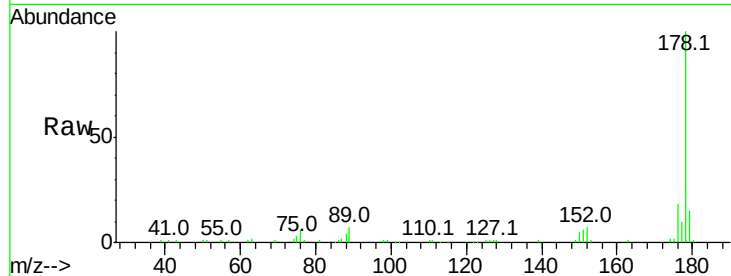




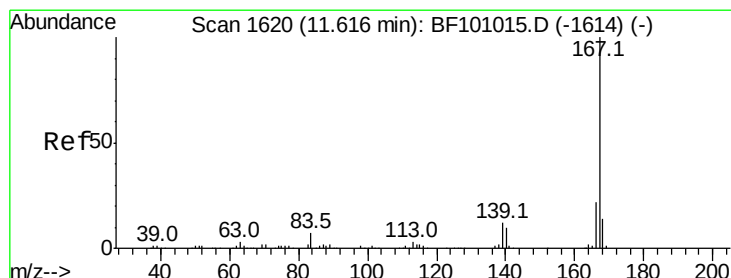
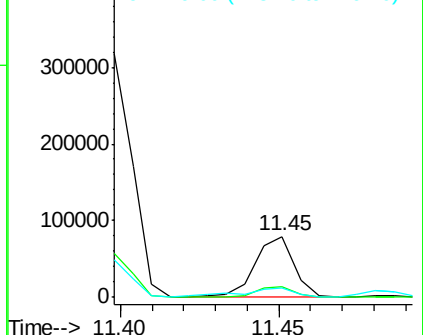
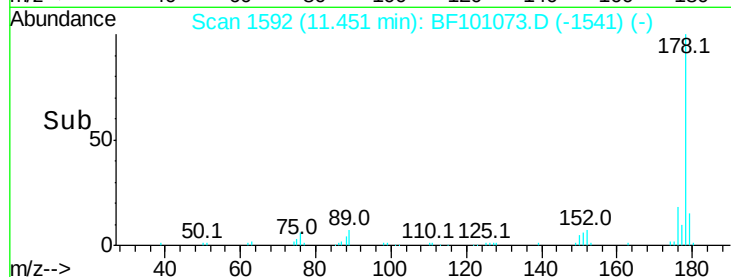
#71
 Anthracene
 Concen: 8.753 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Tot Ion:178 Resp: 67164
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 14.7 12.6 19.0

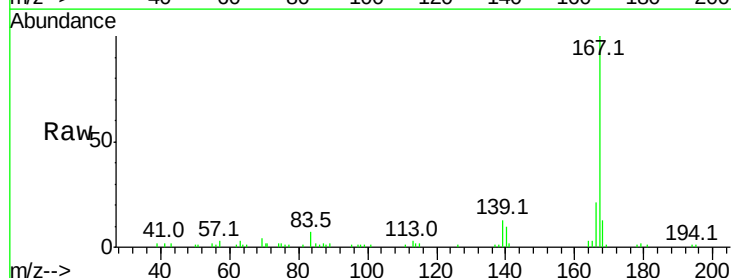


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

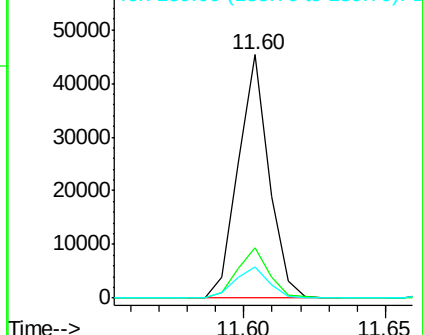
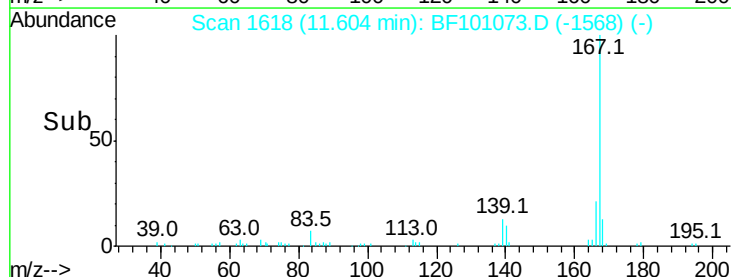


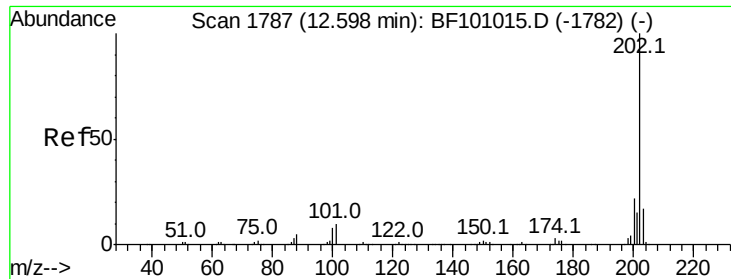
#72
 Carbazole
 Concen: 4.894 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Tgt Ion:167 Resp: 34309
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.6 26.4
 139 12.6 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





#74

Fluoranthene

Concen: 33.850 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

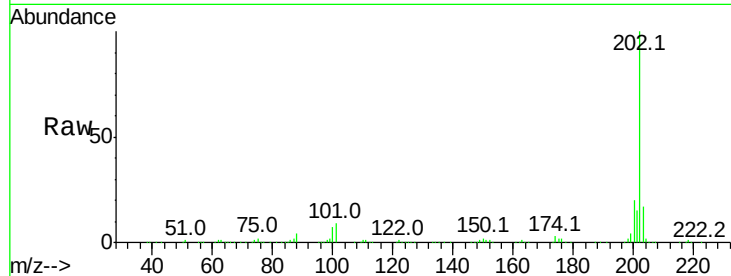
Tot Ion:202 Resp: 284475

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.1

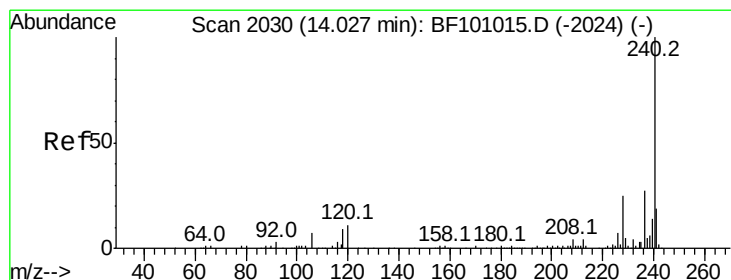
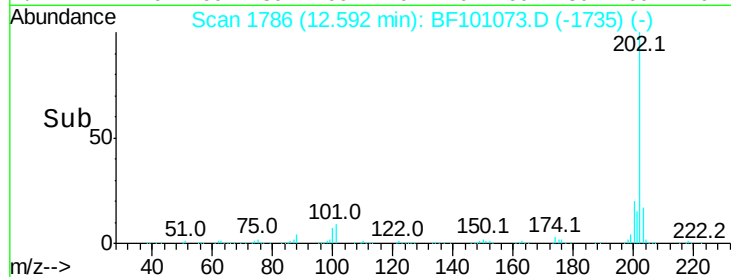
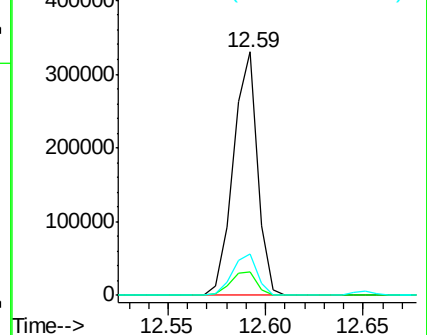
203 16.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

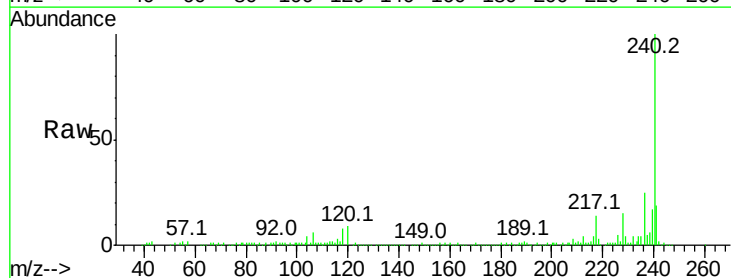
Tgt Ion:240 Resp: 128169

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

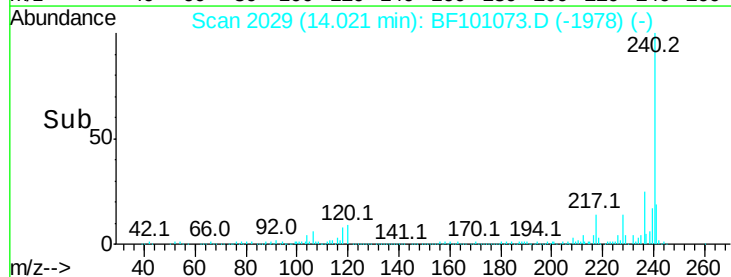
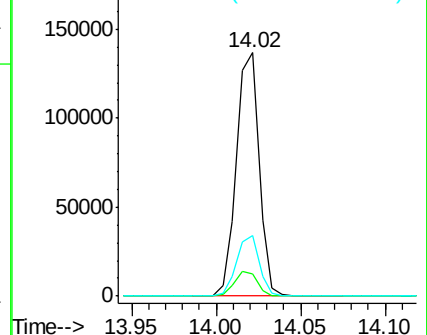
236 24.9 20.7 31.1

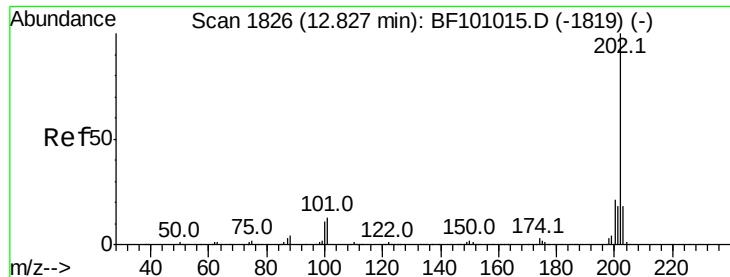


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 26.844 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

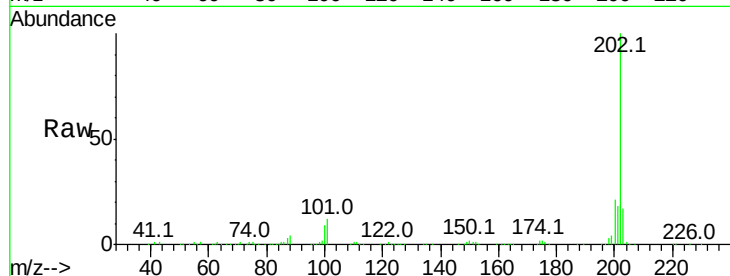
Tot Ion:202 Resp: 237413

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

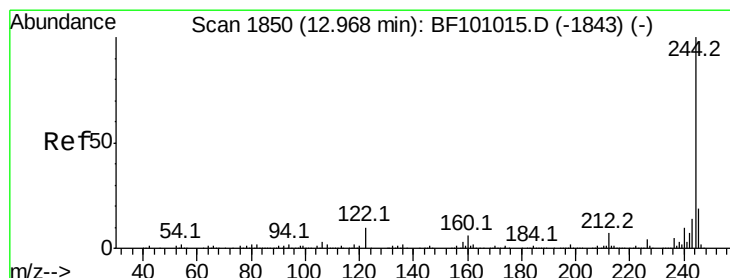
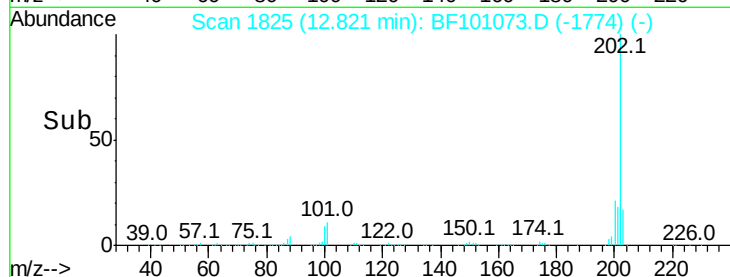
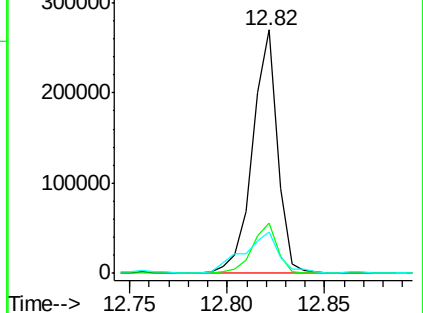
203 17.0 14.3 21.5



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: 46.927 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

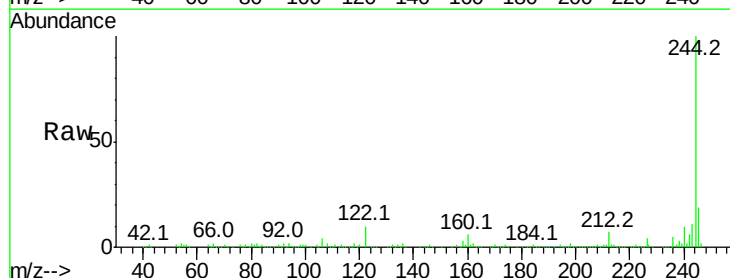
Tgt Ion:244 Resp: 274985

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

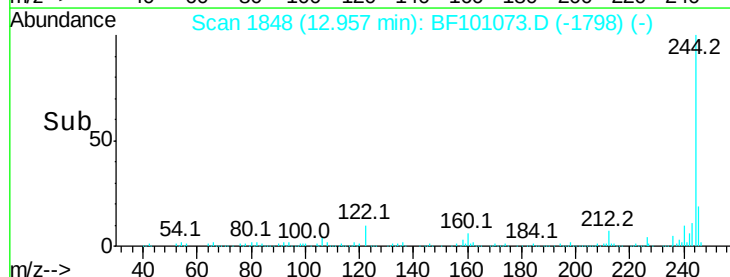
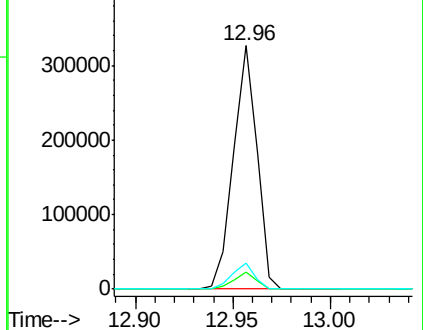
122 10.5 11.0 16.4#

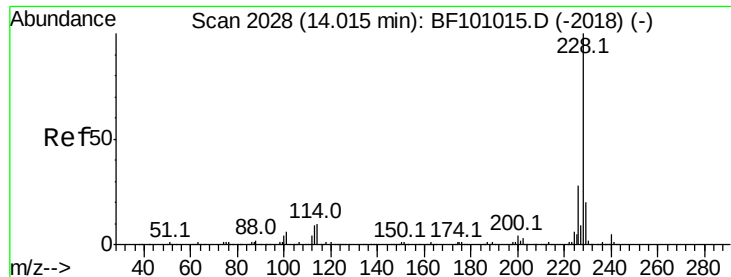


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.779 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

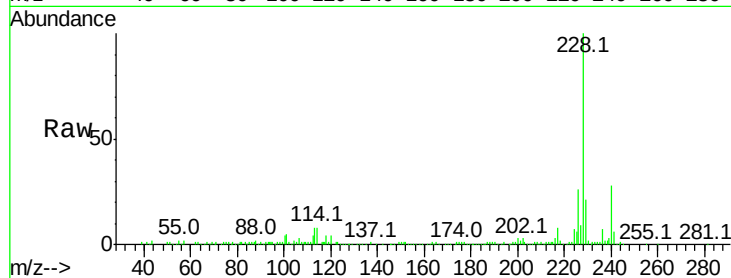
Tot Ion:228 Resp: 151970

Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

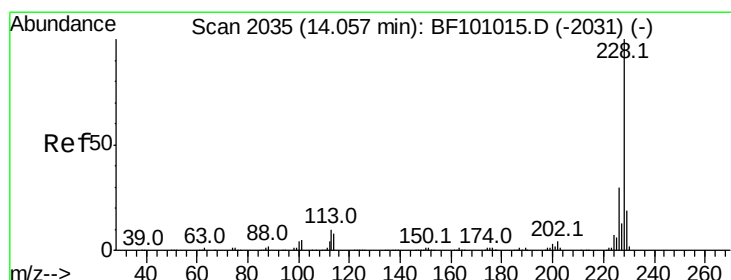
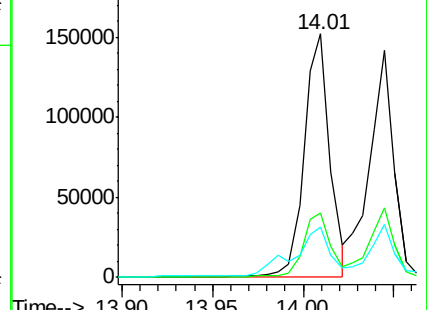
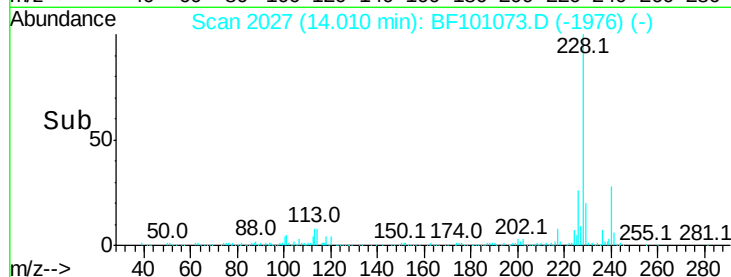
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 17.780 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

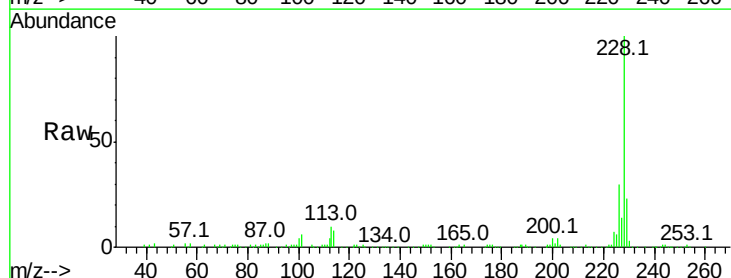
Tgt Ion:228 Resp: 133624

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

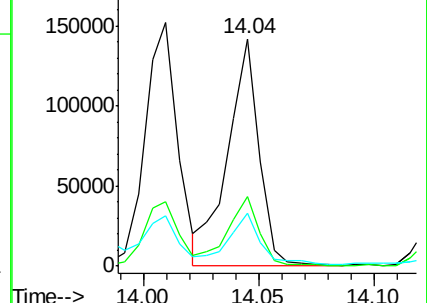
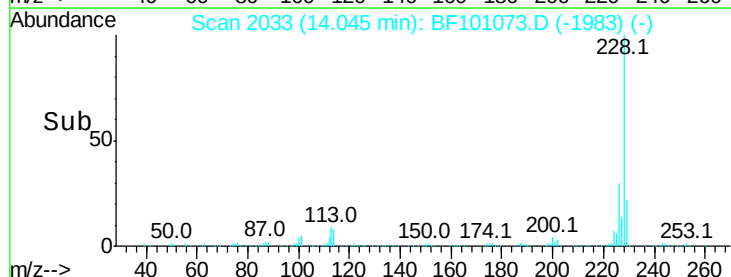
229 23.4 16.2 24.4

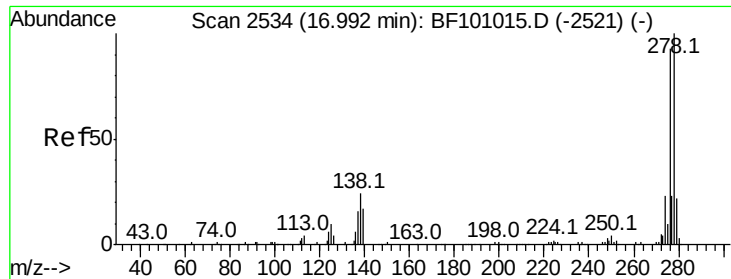


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

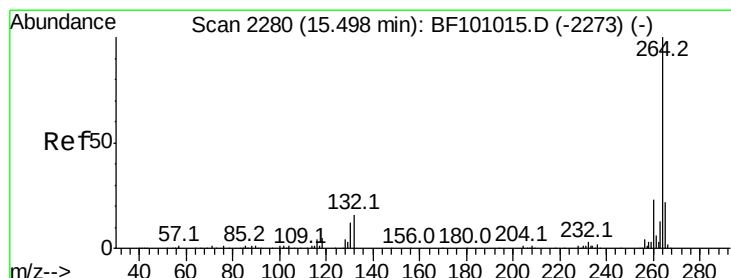
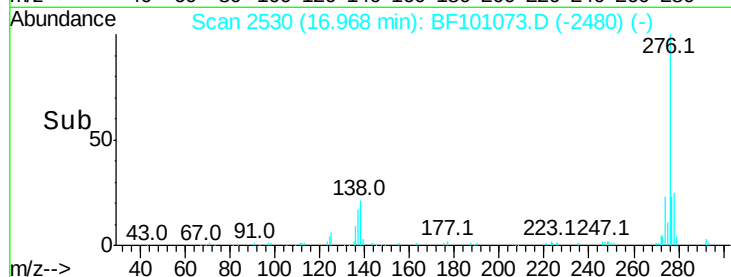
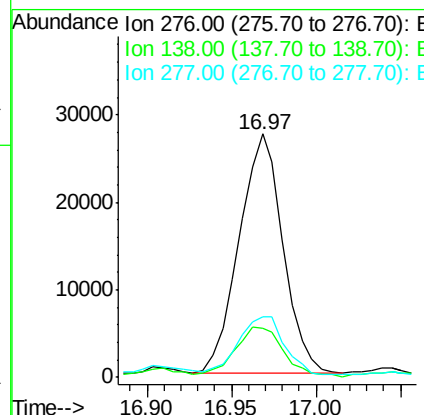
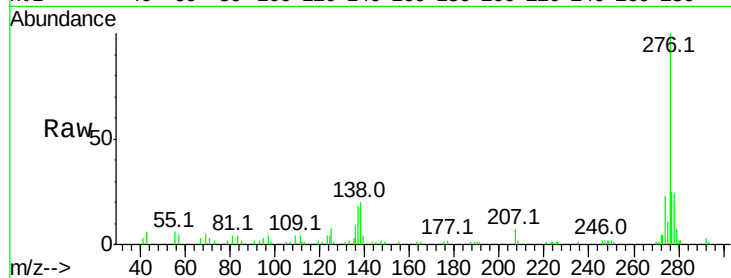




#85
Indeno(1,2,3-cd)pyrene
Concen: 7.407 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

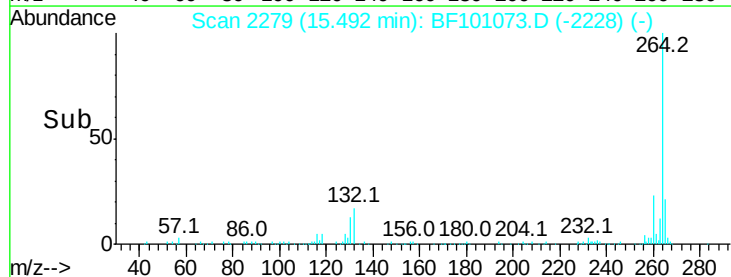
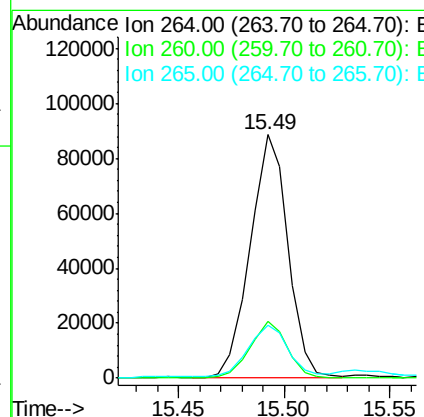
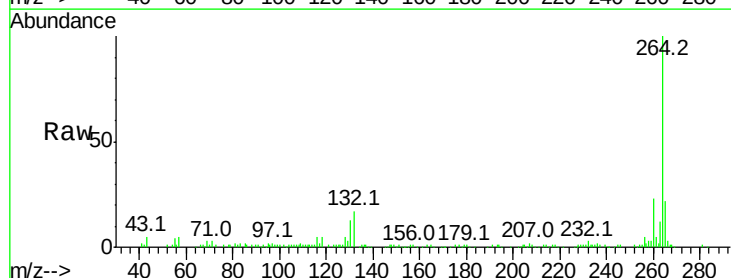
Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

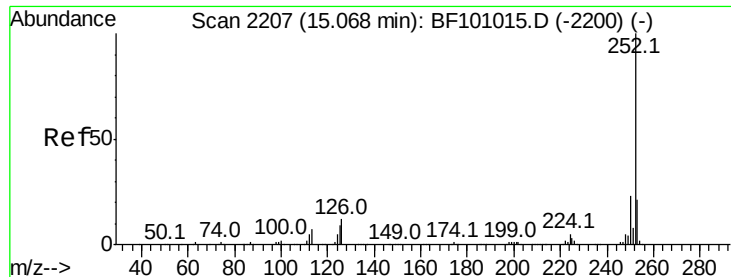
Tot Ion:276 Resp: 49488
Ion Ratio Lower Upper
276 100
138 23.8 25.0 37.6#
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:264 Resp: 110189
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 32.774 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

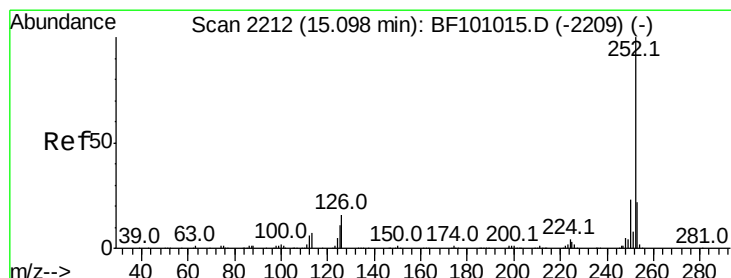
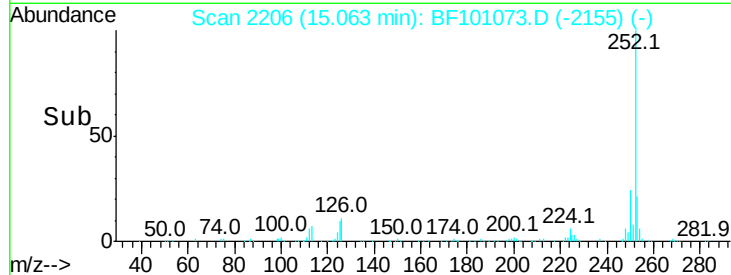
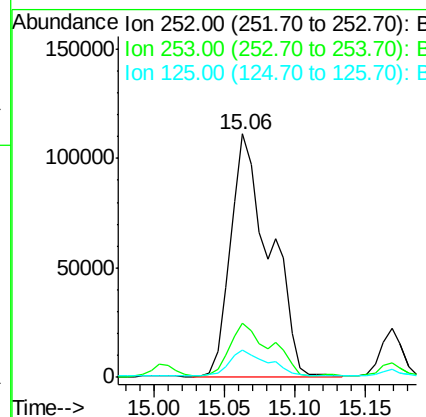
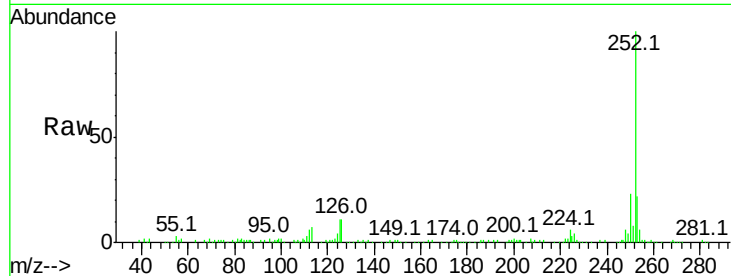
Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tot Ion:252 Resp: 216312

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 33.266 ng

RT: 15.06 min Scan# 2206

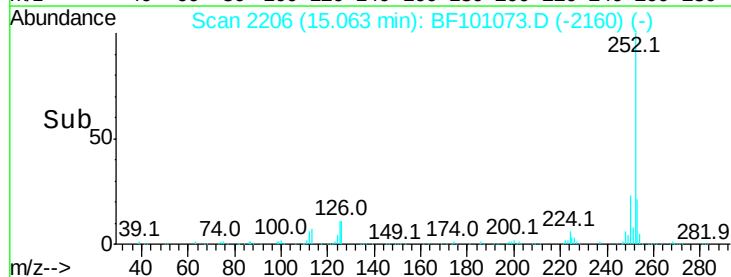
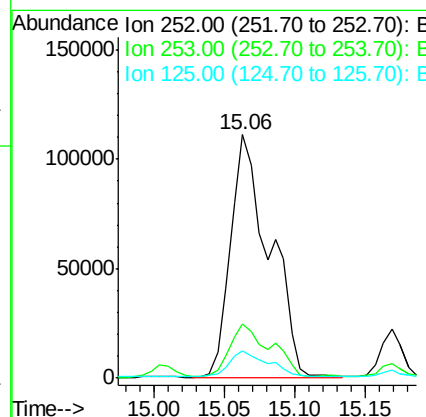
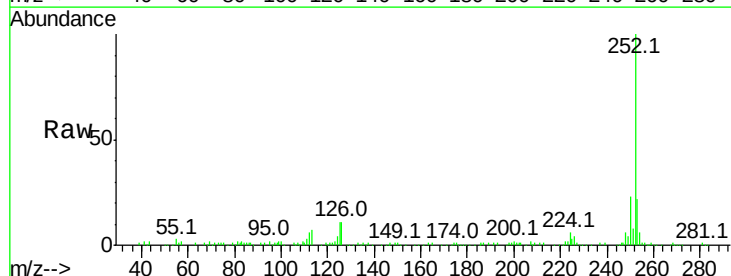
Delta R.T. -0.03 min

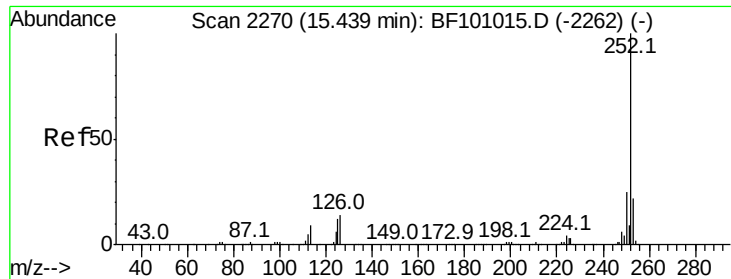
Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Tgt Ion:252 Resp: 216312

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 17.778 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

Instrument :

BNA_F

ClientSampleId :

DBWW1A-2-4

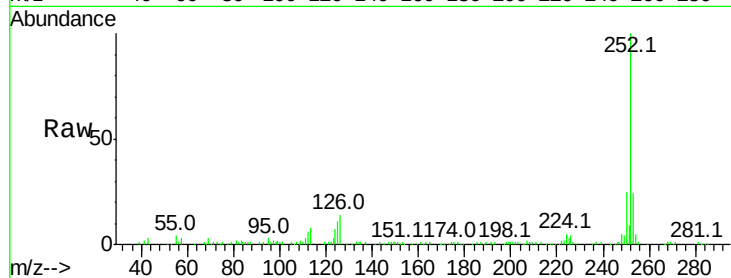
Tot Ion:252 Resp: 106674

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

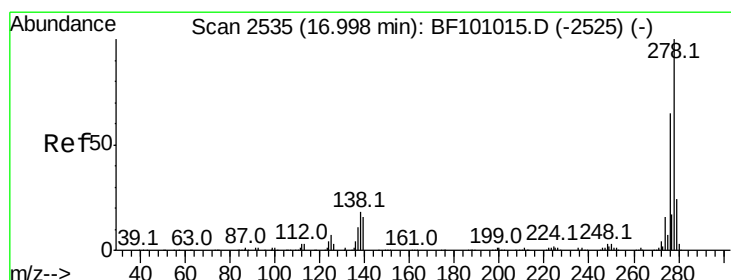
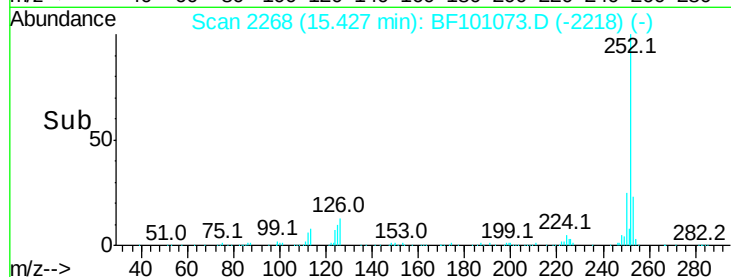
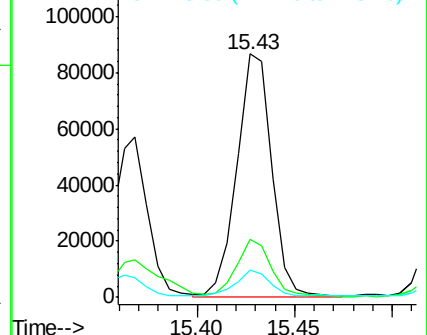
125 11.2 9.8 14.6



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: 2.534 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF101073.D

Acq: 1 Dec 2017 19:45

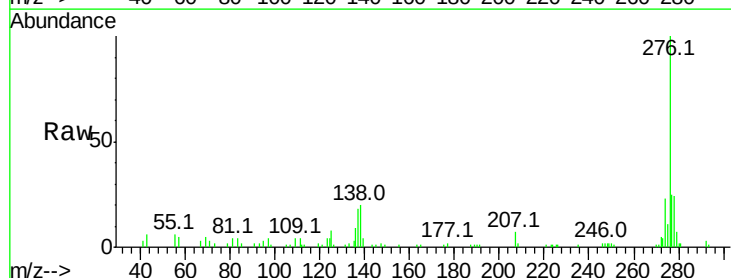
Tgt Ion:278 Resp: 13404

Ion Ratio Lower Upper

278 100

139 18.4 15.9 23.9

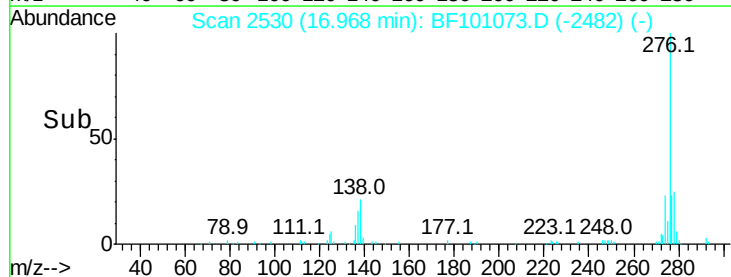
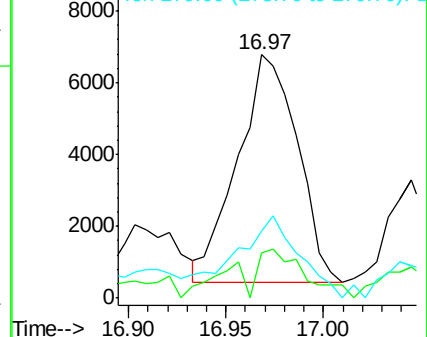
279 27.7 19.0 28.4

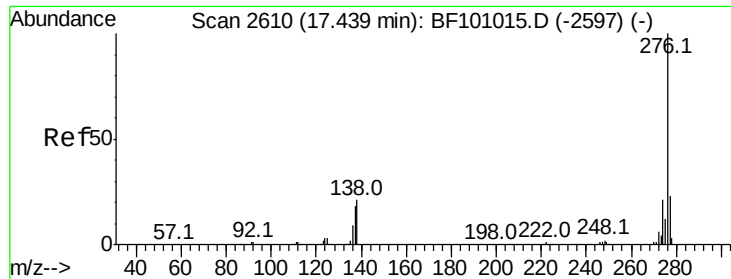


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

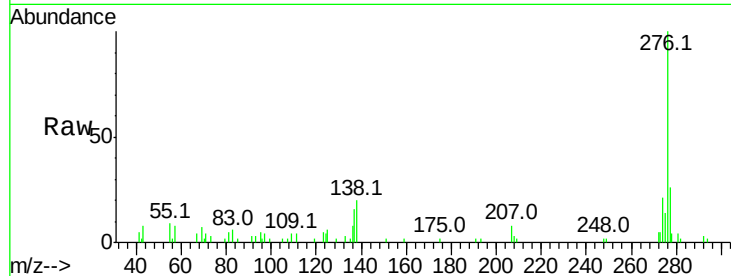




#91
 Benzo(a,h,i)perylene
 Concen: 8.940 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF101073.D
 Acq: 1 Dec 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1A-2-4

Tot Ion: 276 Resp: 44566
 Ion Ratio Lower Upper
 276 100
 277 25.6 17.9 26.9
 138 19.8 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

