

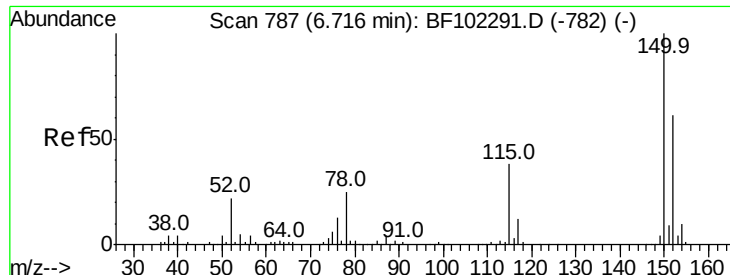
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102617.D
 Acq On : 30 Jan 2018 00:26
 Operator : SJ/JU
 Sample : J1253-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:46:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	175987	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	730510	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	271895	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	398035	20.00	ng	0.00
75) Chrysene-d12	13.87	240	300377	20.00	ng	0.00
86) Perylene-d12	15.31	264	307428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	985079	84.87	ng	0.01
7) Phenol-d6	6.36	99	1247622	89.16	ng	0.00
23) Nitrobenzene-d5	7.28	82	757430	59.58	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	180670	67.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1034659	55.95	ng	0.00
78) Terphenyl-d14	12.82	244	617374	46.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	21308	2.225	ng	83
10) Phenol	6.37	94	33832	2.215	ng	86
19) n-Nitroso-di-n-propylamine	7.28	70	99025	11.564	ng	# 81
25) Isophorone	7.28	82	757419	33.422	ng	# 64
49) Dimethylphthalate	9.47	163	136461	6.072	ng	98
56) 2,4-Dinitrotoluene	9.75	165	35080	5.887	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11814	2.757	ng	# 1

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

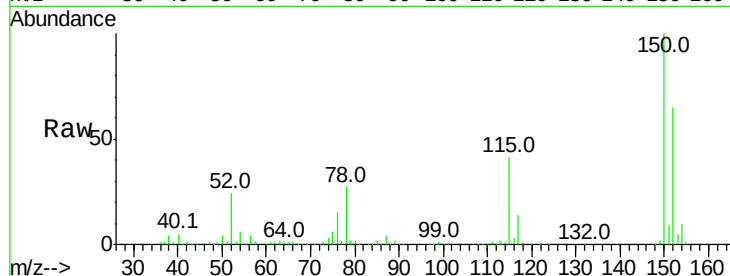


#1

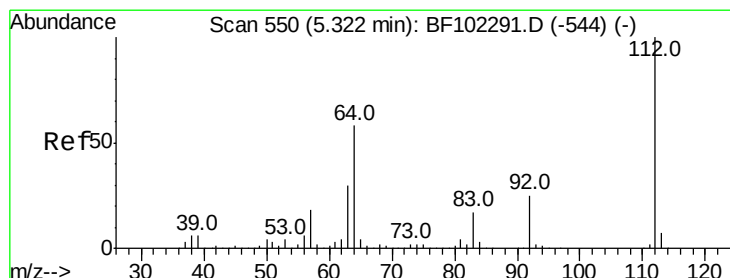
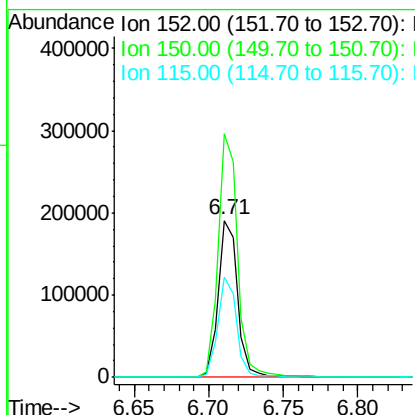
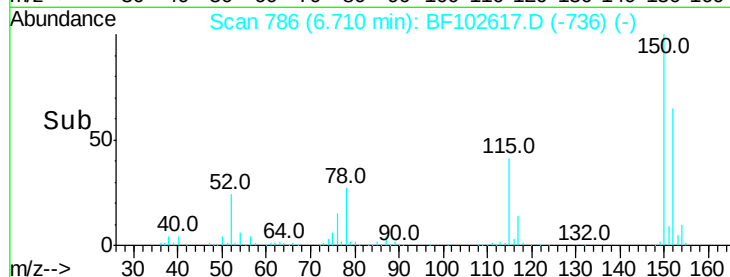
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175987
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 63.5 50.1 75.1



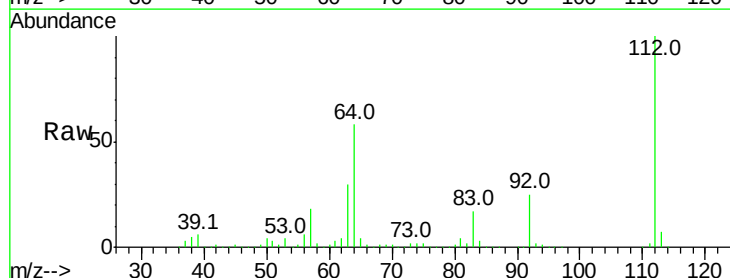
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



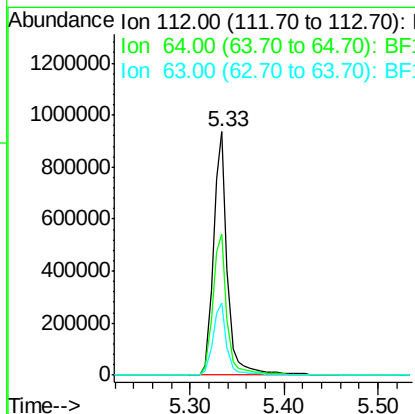
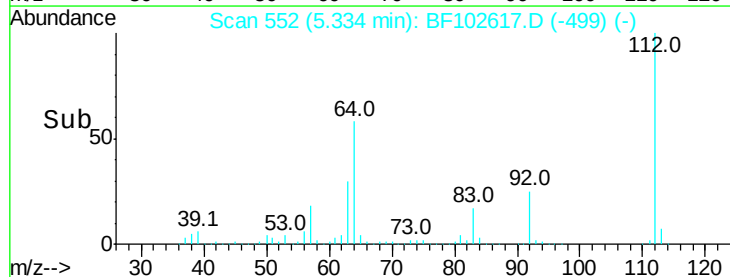
#5

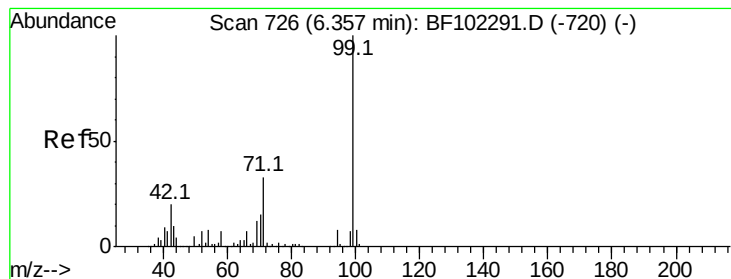
2-Fluorophenol
Concen: 84.872 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

Tgt Ion:112 Resp: 985079
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.7 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: 89.161 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Instrument :

BNA_F

ClientSampled :

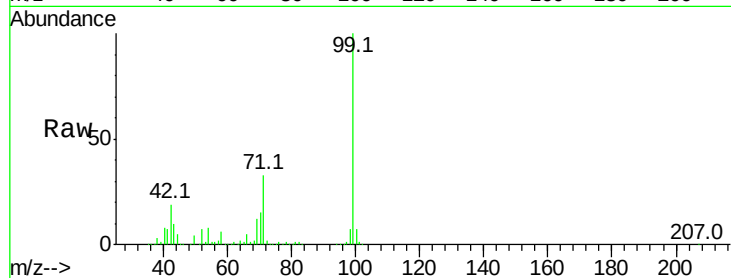
Tot Ion: 99 Resp: 1247622

Ion Ratio Lower Upper

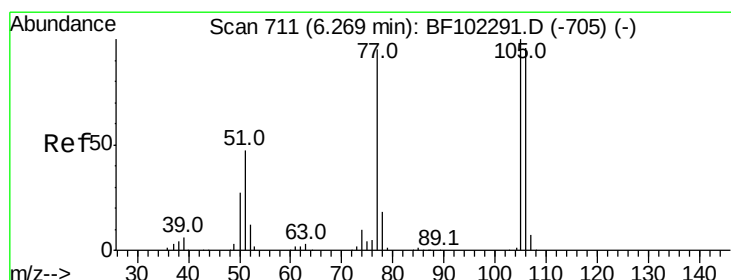
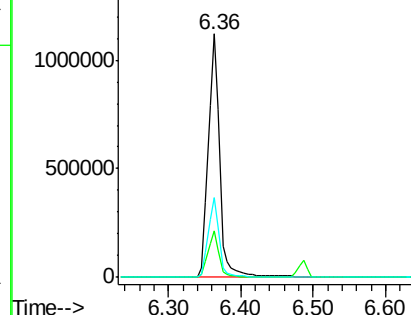
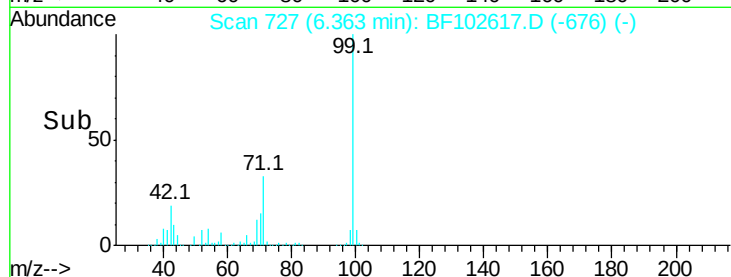
99 100

42 19.1 14.5 21.7

71 32.7 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



#9

Benzaldehyde

Concen: 2.225 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

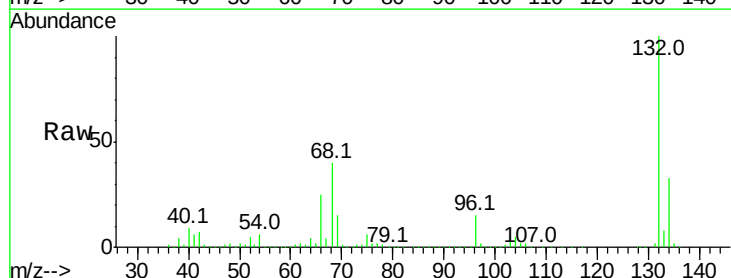
Tgt Ion: 77 Resp: 21308

Ion Ratio Lower Upper

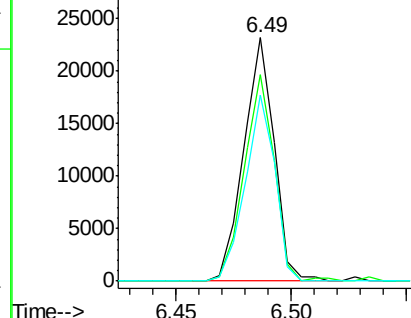
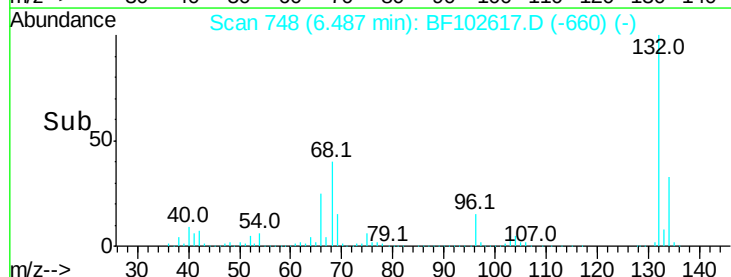
77 100

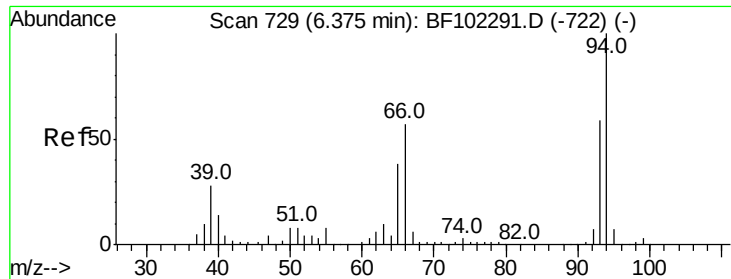
105 84.8 81.1 121.1

106 76.6 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

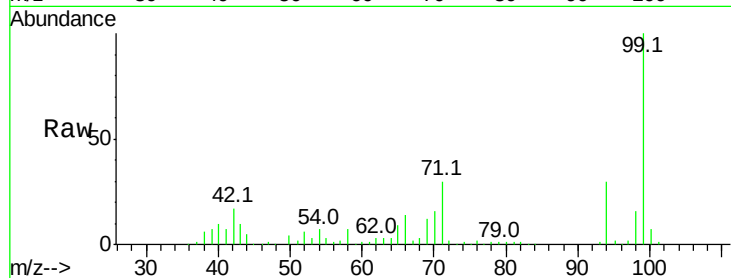




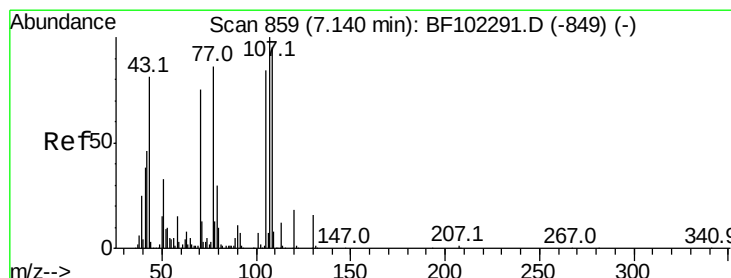
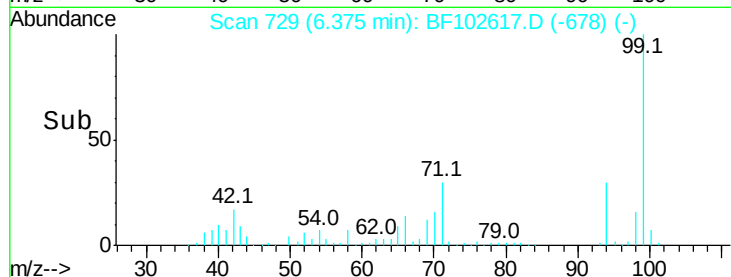
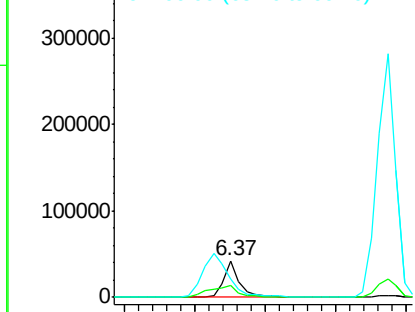
#10
Phenol
Concen: 2.215 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 33832
Ion Ratio Lower Upper
94 100
65 31.4 7.9 47.9
66 48.2 16.2 56.2

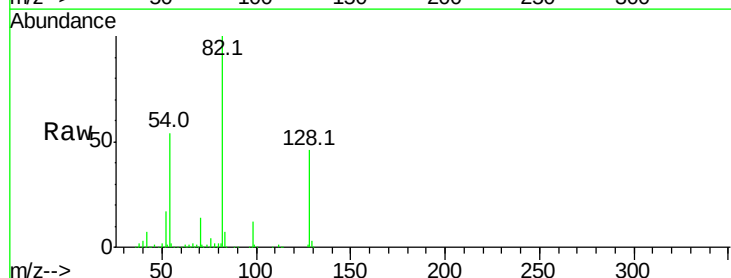


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

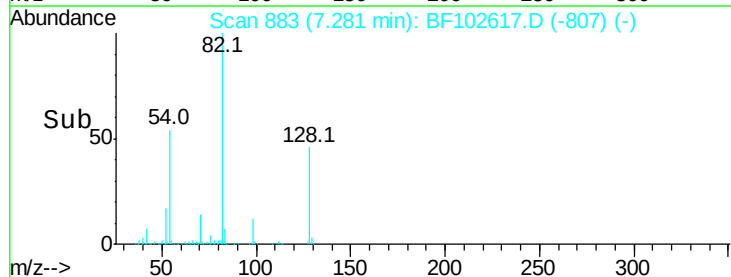
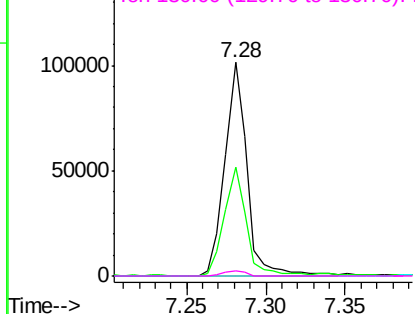


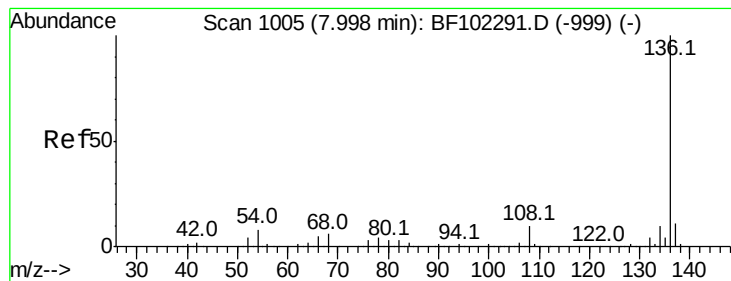
#19
n-Nitroso-di-n-propylamine
Concen: 11.564 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

Tgt Ion: 70 Resp: 99025
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

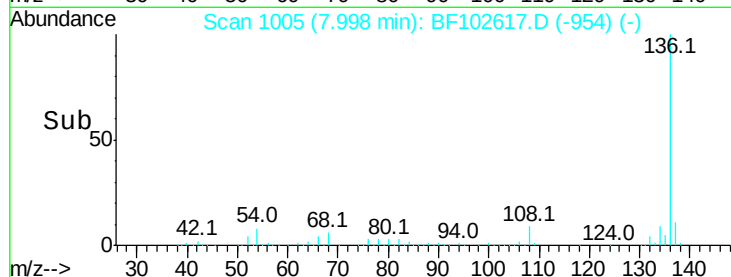
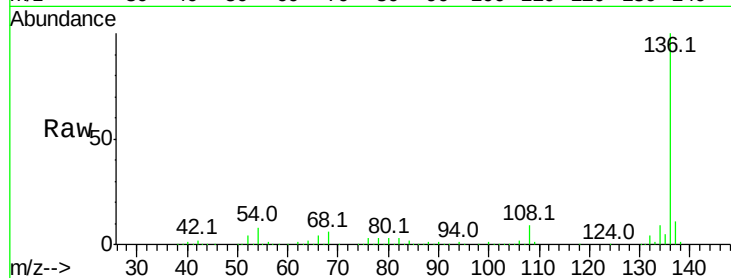
Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 730510

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4

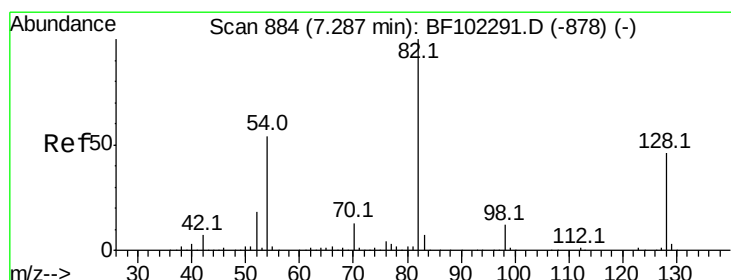
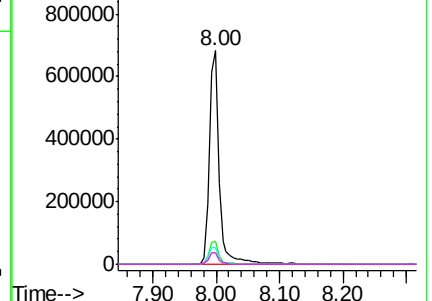


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 59.585 ng

RT: 7.28 min Scan# 883

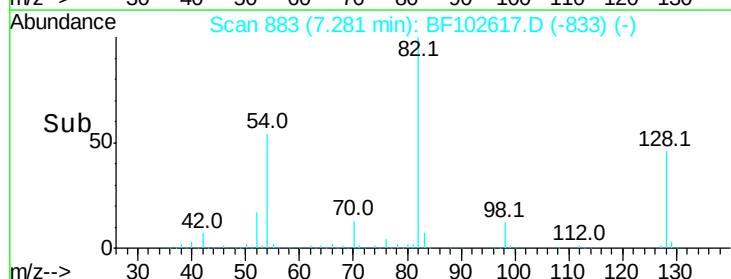
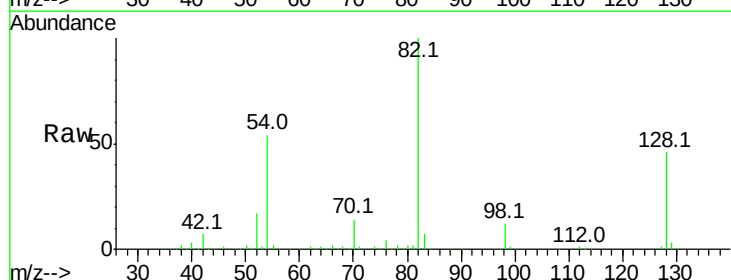
Delta R.T. -0.01 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Tgt Ion: 82 Resp: 757430

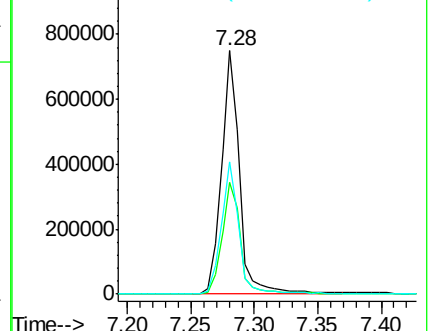
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.4	41.4	62.2

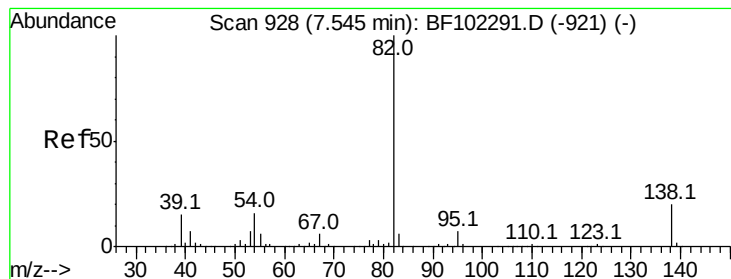


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.422 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Instrument :

BNA_F

ClientSampleId :

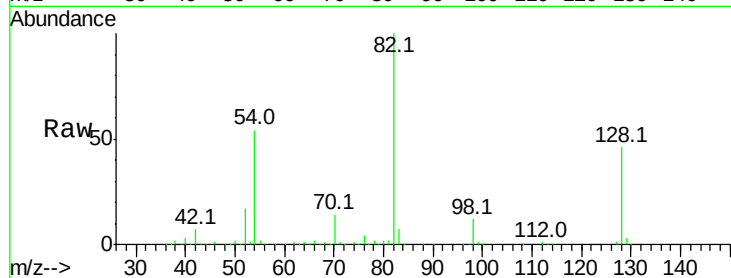
Tot Ion: 82 Resp: 757419

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

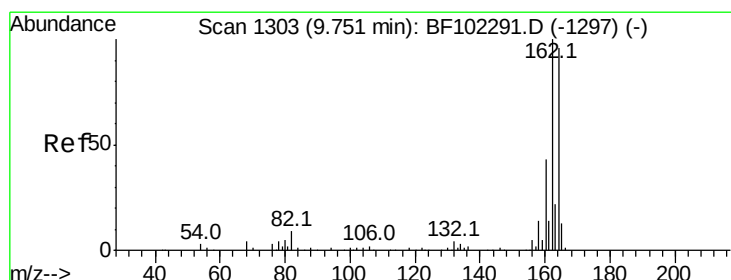
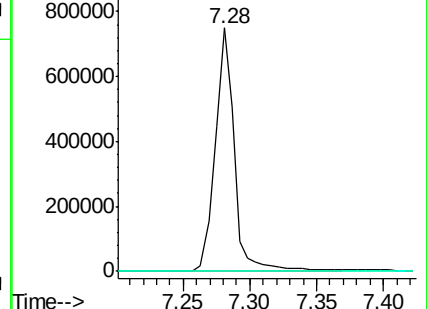
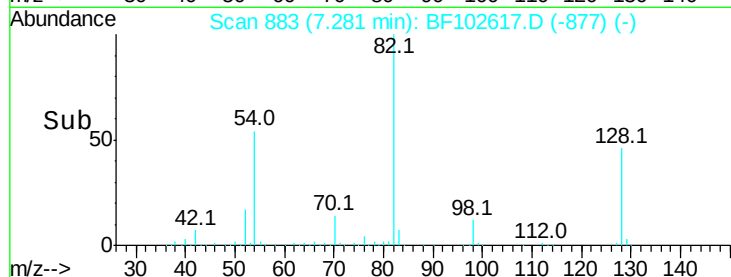
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

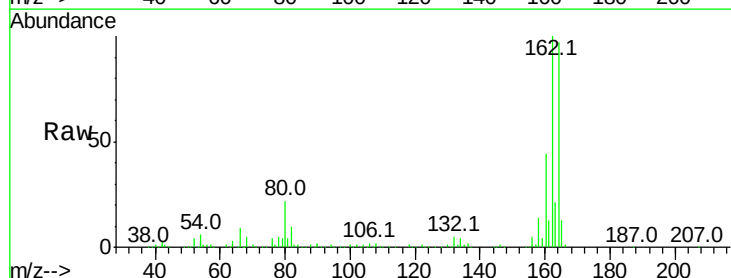
Tgt Ion:164 Resp: 271895

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

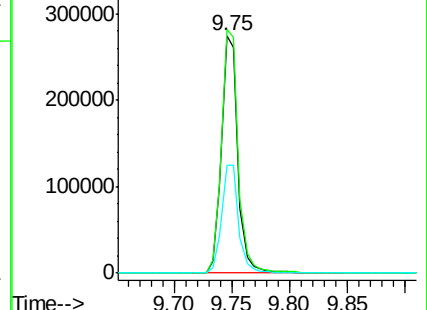
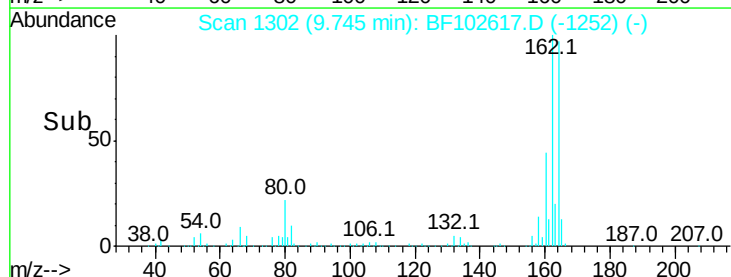
160 45.5 38.3 57.5

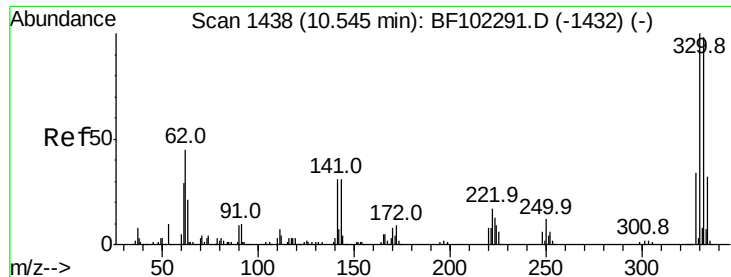


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

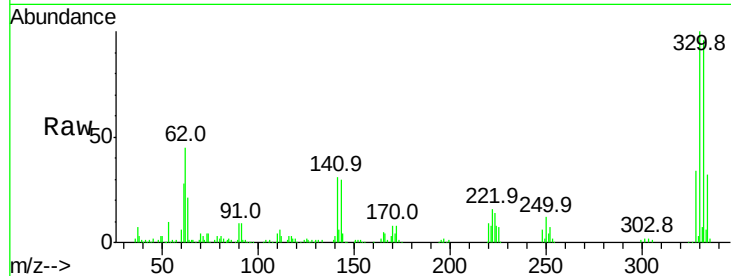




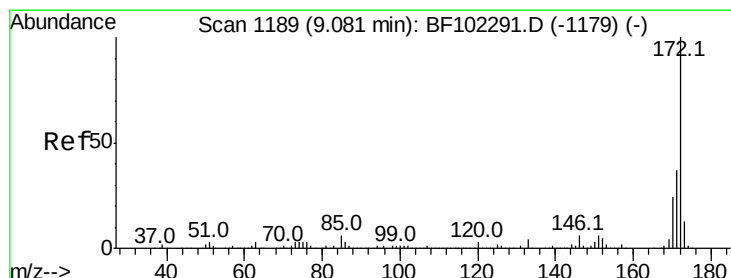
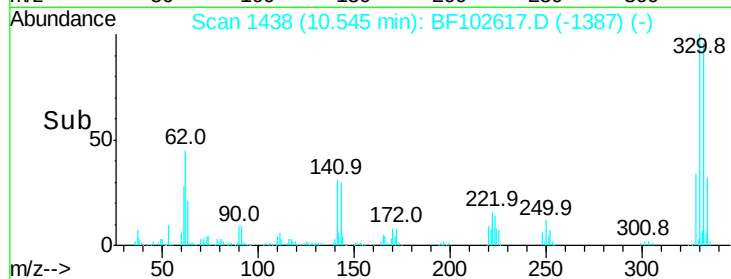
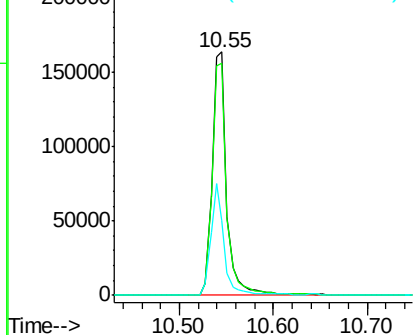
#41
 2,4,6-Tribromophenol
 Concen: 67.062 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102617.D
 Acq: 30 Jan 2018 00:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	41.9	29.9	44.9

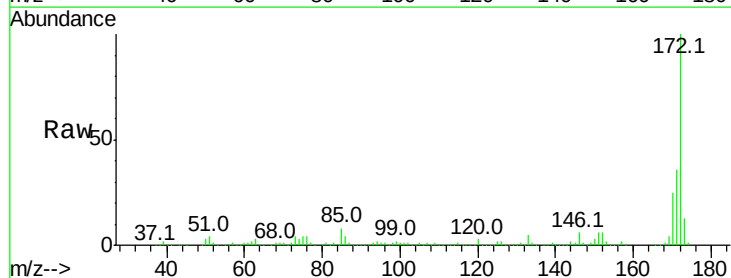


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

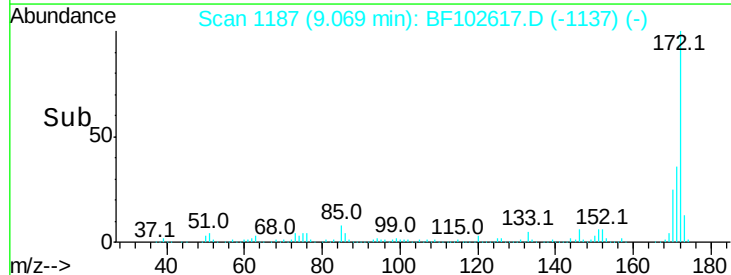
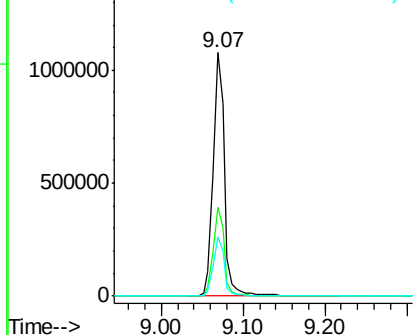


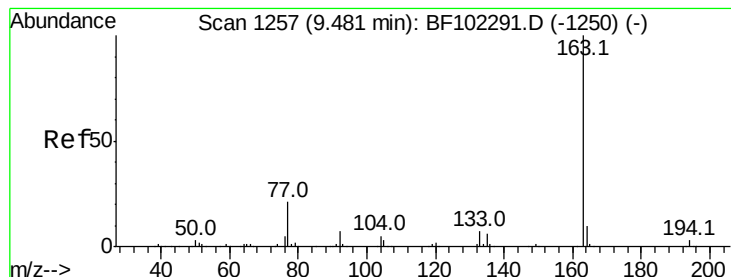
#44
 2-Fluorobiphenyl
 Concen: 55.952 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102617.D
 Acq: 30 Jan 2018 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	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





#49

Dimethylphthalate

Concen: 6.072 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Instrument :

BNA_F

ClientSampleId :

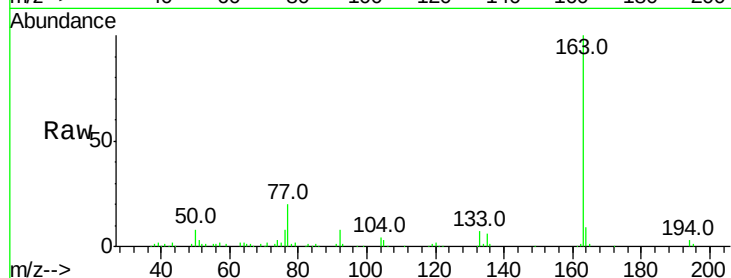
Tot Ion:163 Resp: 136461

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

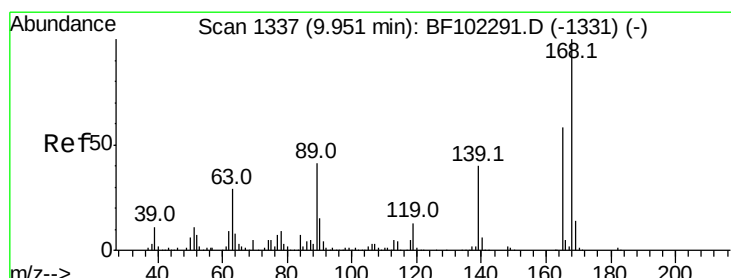
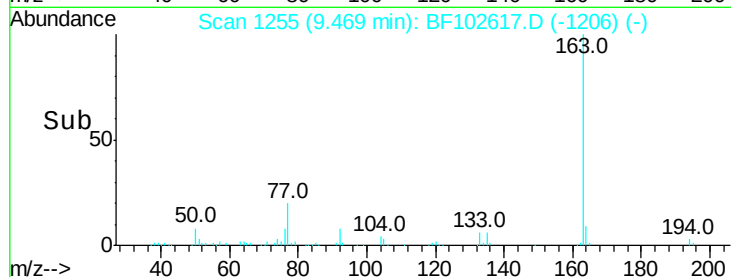
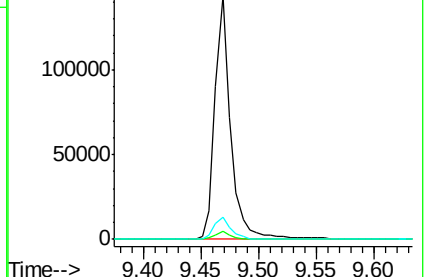
164 9.3 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.887 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Tgt Ion:165 Resp: 35080

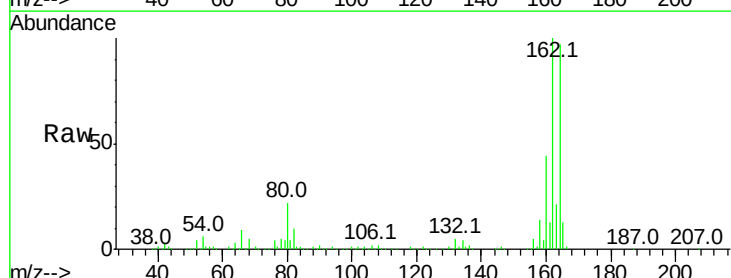
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

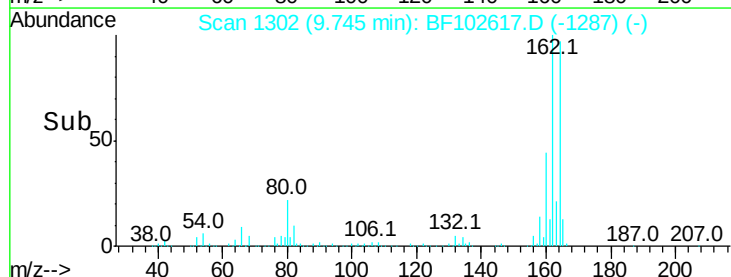
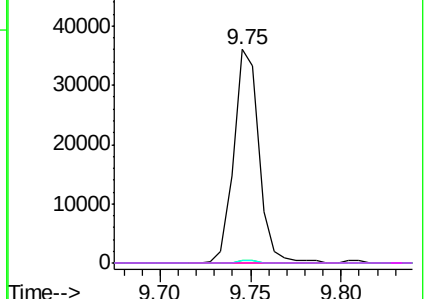


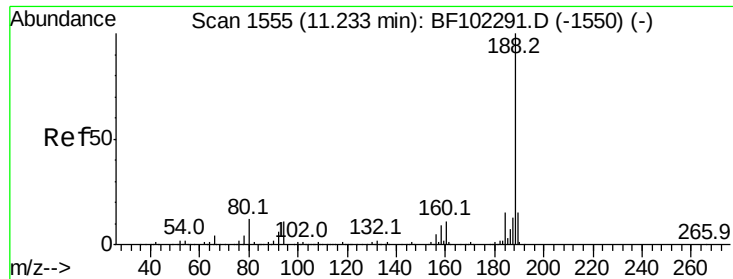
Abundance Ion 165.00 (164.70 to 165.70): E

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

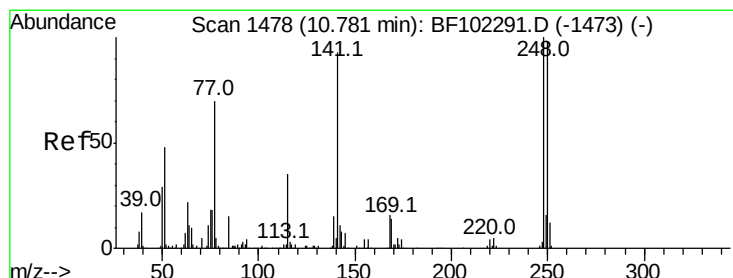
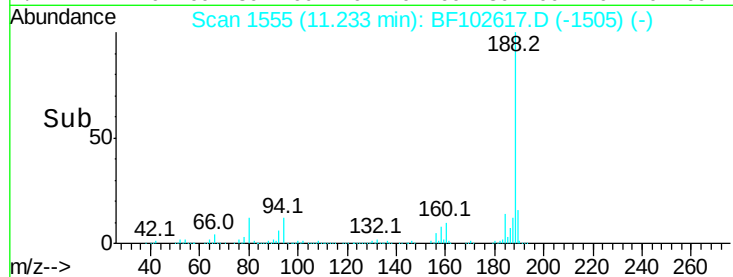
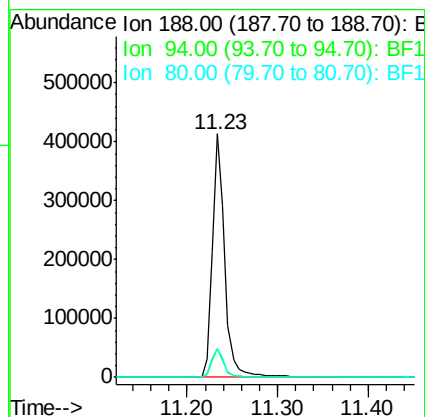
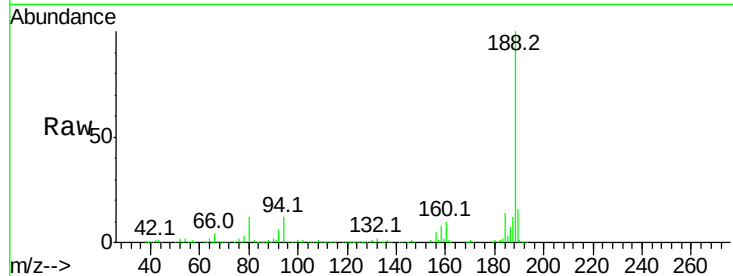




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

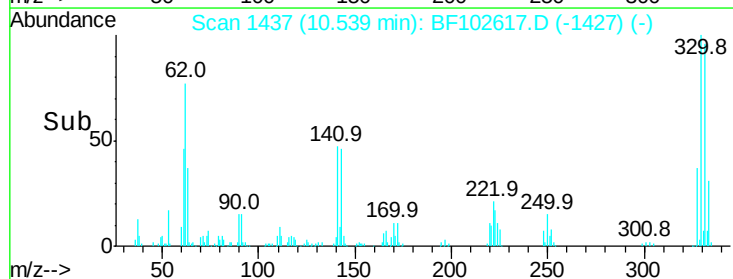
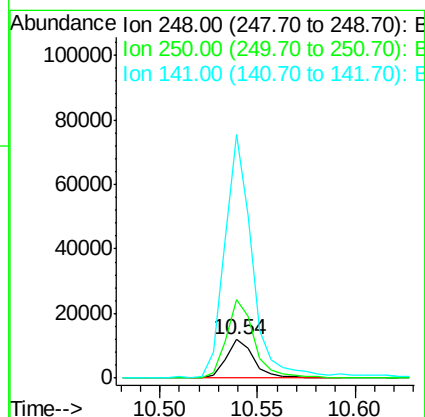
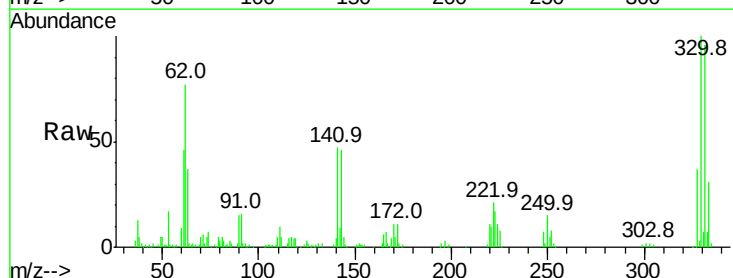
Instrument :
BNA_F
ClientSampleId :

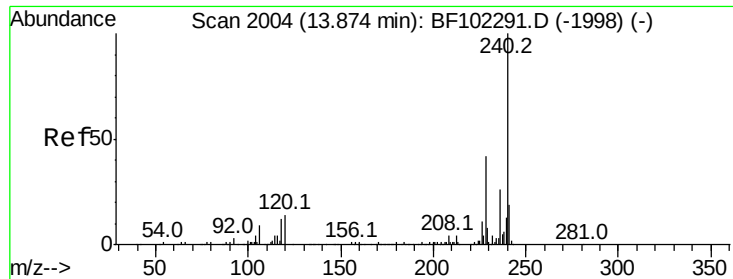
Tot Ion:188 Resp: 398035
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102617.D
Acq: 30 Jan 2018 00:26

Tgt Ion:248 Resp: 11814
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 635.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

Instrument :

BNA_F

ClientSampleId :

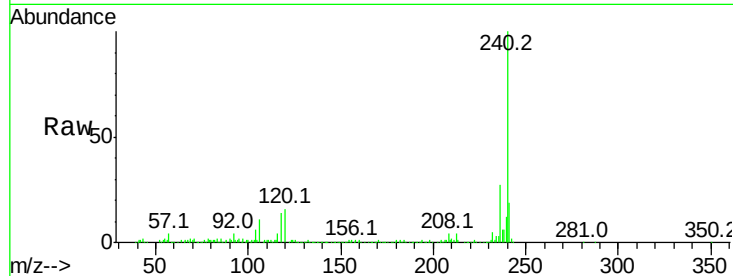
Tot Ion:240 Resp: 300377

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

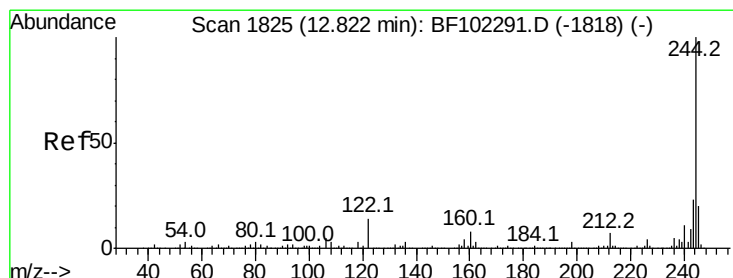
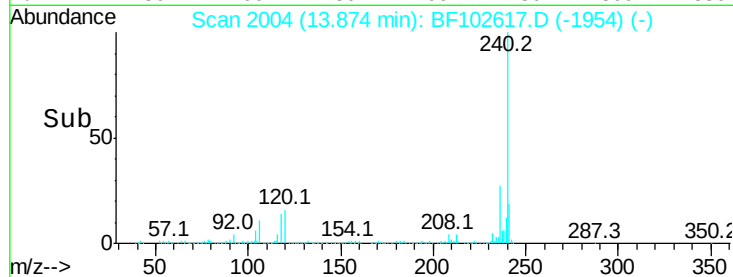
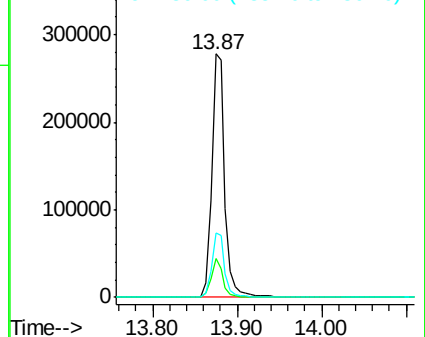
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 46.335 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102617.D

Acq: 30 Jan 2018 00:26

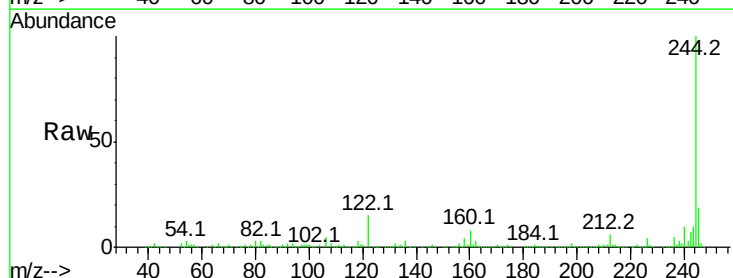
Tgt Ion:244 Resp: 617374

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

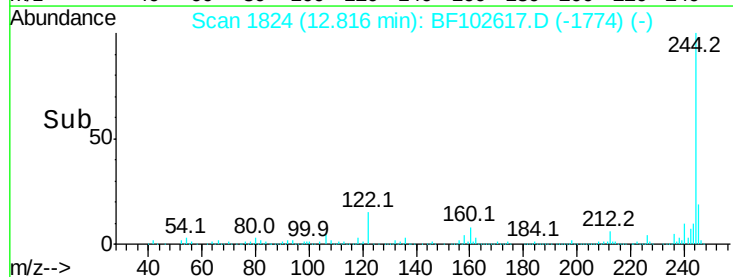
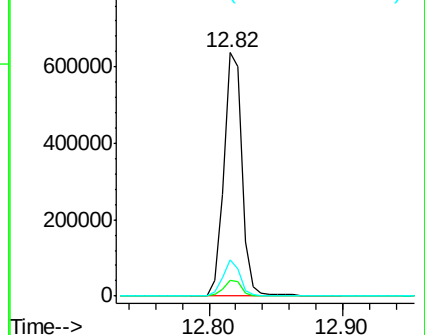
122 15.0 11.0 16.4

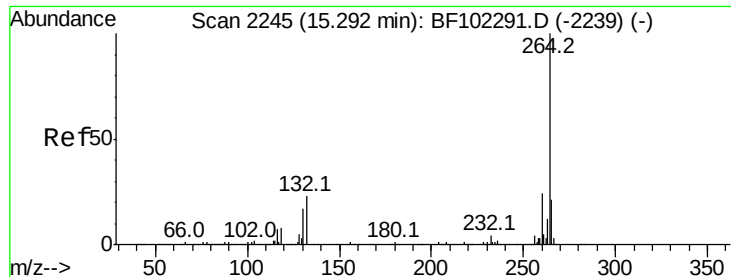


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102617.D
 Acq: 30 Jan 2018 00:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 307428
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.5 26.3

