

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102363.D
 Acq On : 24 Jan 2018 00:54
 Operator : SJ/JU
 Sample : J1266-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:31:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134943	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559769	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	236285	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	356741	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262913	20.00	ng	0.00
86) Perylene-d12	15.30	264	217321	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	863751	97.05	ng	0.00
7) Phenol-d6	6.36	99	1034991	96.46	ng	0.00
23) Nitrobenzene-d5	7.28	82	657474	67.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	185863	79.39	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1100464	68.48	ng	0.00
78) Terphenyl-d14	12.82	244	752458	64.52	ng	0.00

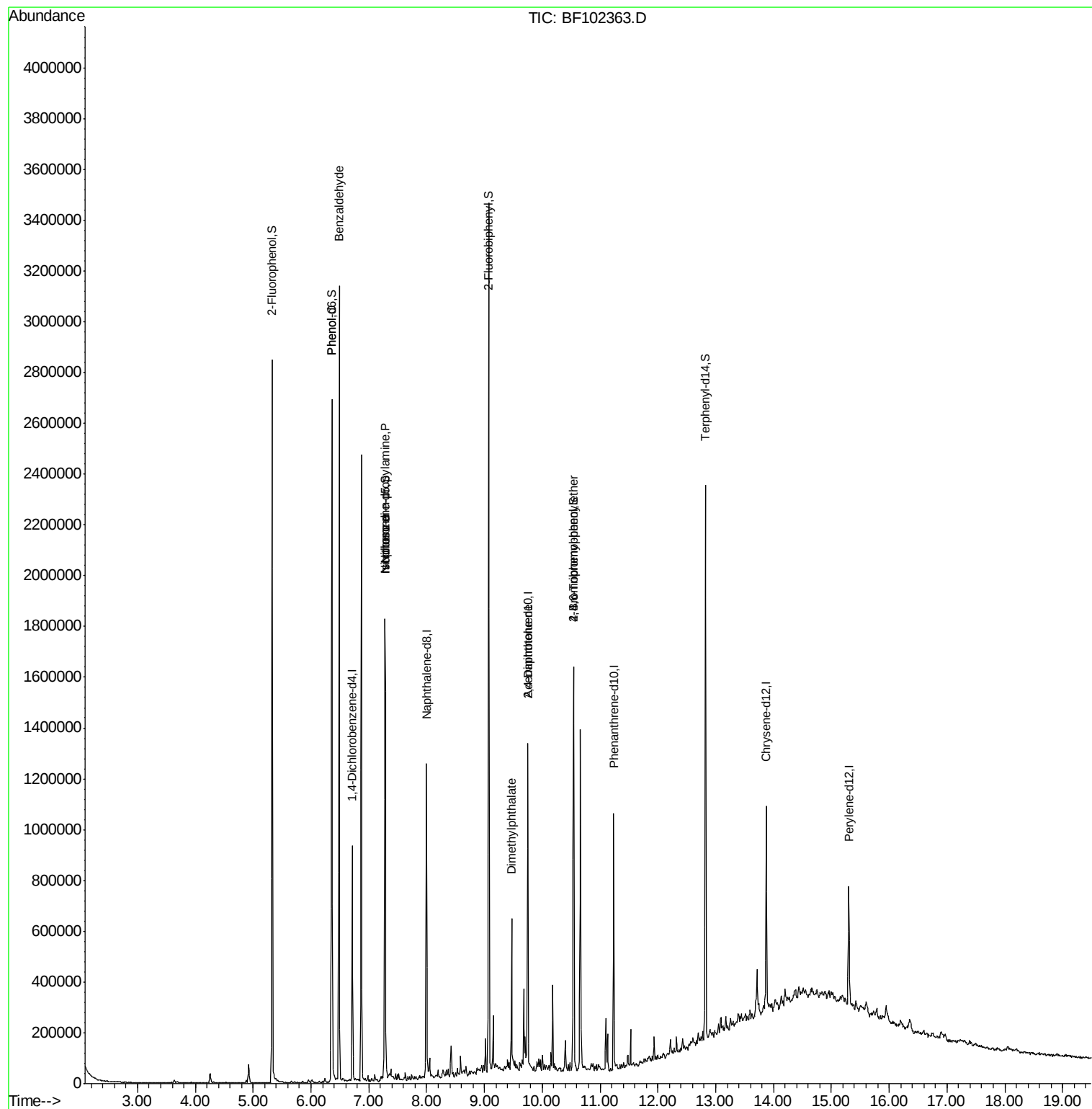
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	19067	2.573	ng	82
10) Phenol	6.37	94	30786	2.628	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	85948	13.090	ng	# 77
25) Isophorone	7.28	82	641171	36.923	ng	# 64
49) Dimethylphthalate	9.47	163	173558	8.887	ng	99
56) 2,4-Dinitrotoluene	9.75	165	30807	5.949	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	12427	3.236	ng	# 1

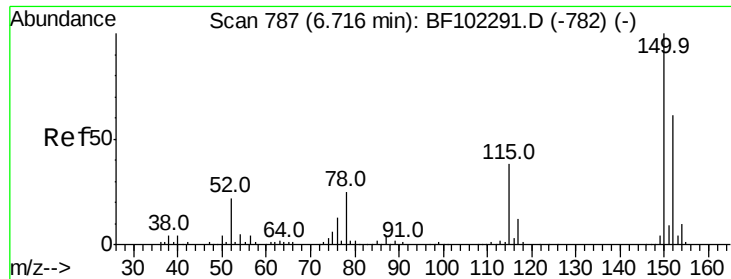
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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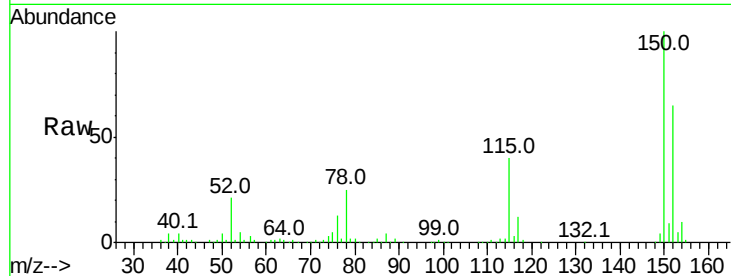


#1

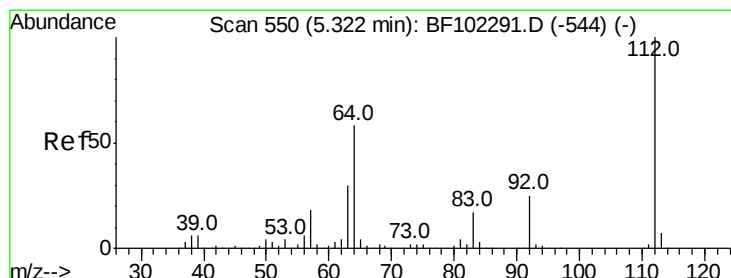
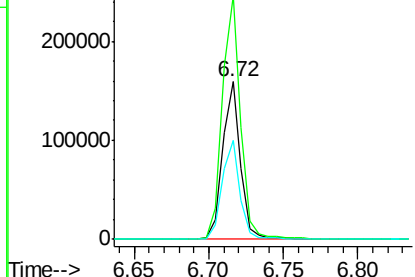
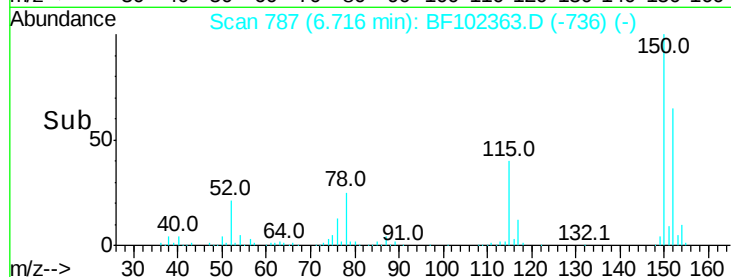
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102363.D
Acq: 24 Jan 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134943
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.4 50.1 75.1



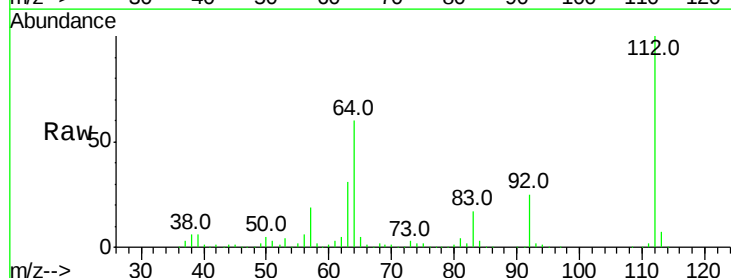
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



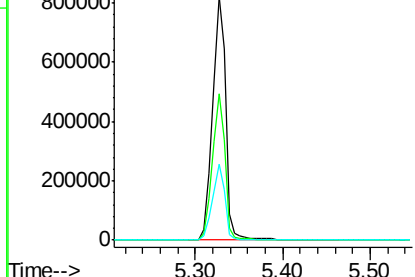
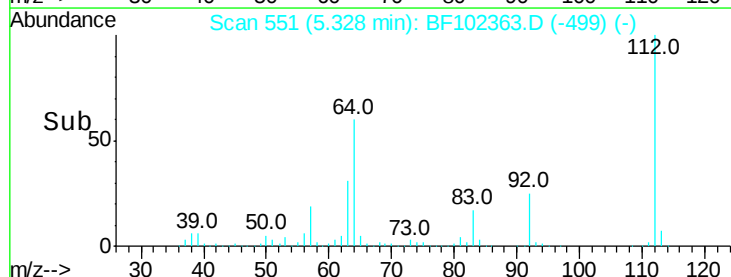
#5

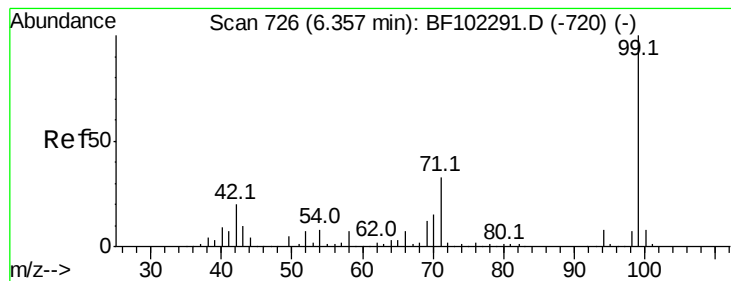
2-Fluorophenol
Concen: 97.054 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102363.D
Acq: 24 Jan 2018 00:54

Tgt Ion:112 Resp: 863751
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.2 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: 96.463 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

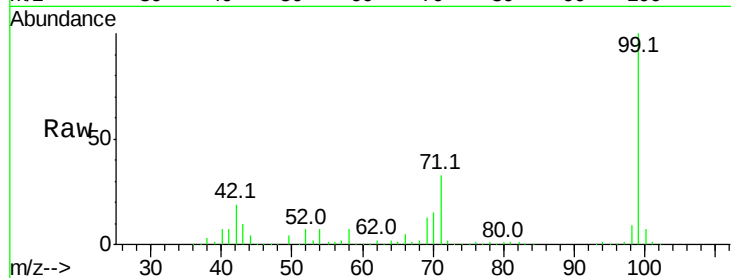
Tot Ion: 99 Resp: 1034991

Ion Ratio Lower Upper

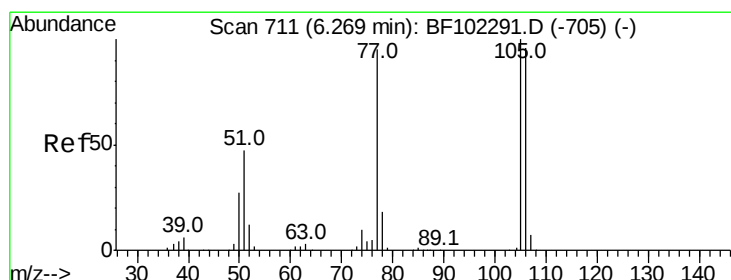
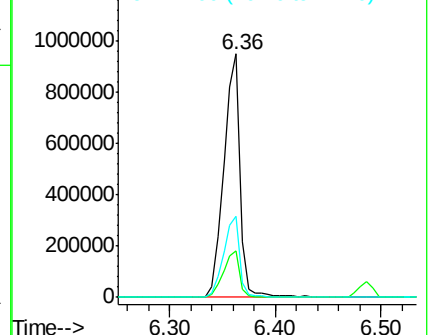
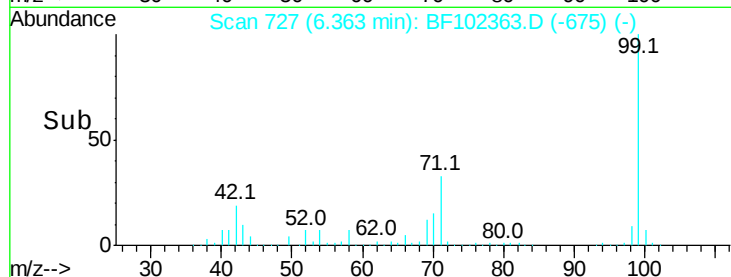
99 100

42 19.4 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



#9

Benzaldehyde

Concen: 2.573 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

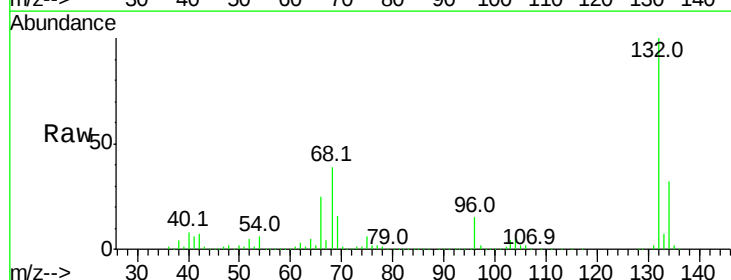
Tgt Ion: 77 Resp: 19067

Ion Ratio Lower Upper

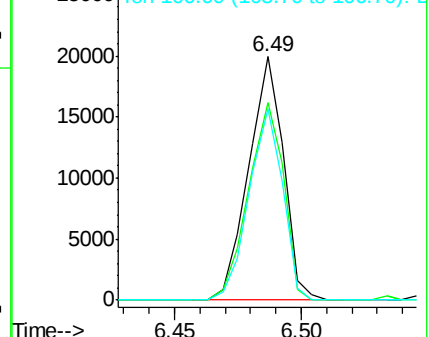
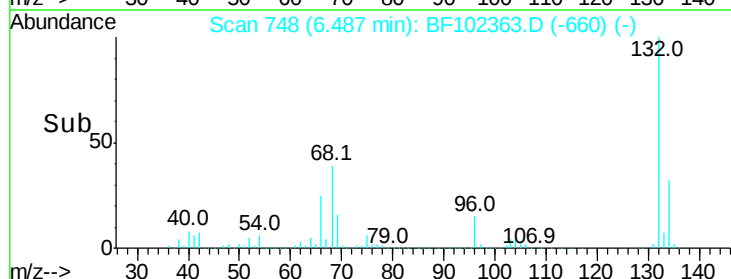
77 100

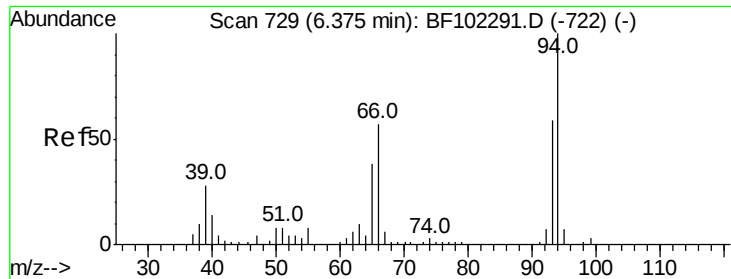
105 81.4 81.1 121.1

106 78.6 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: 2.628 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

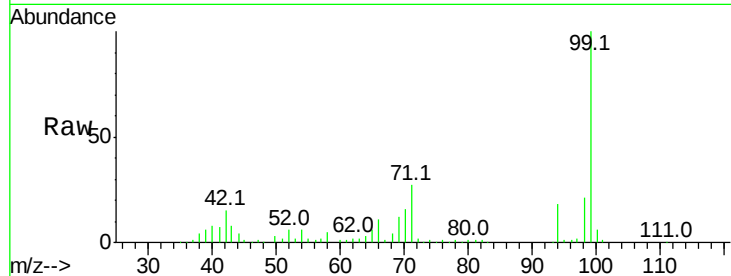
Tot Ion: 94 Resp: 30786

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

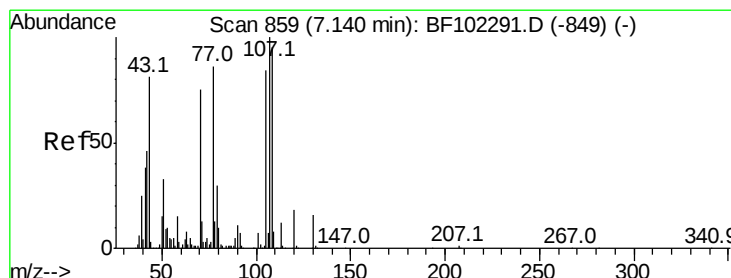
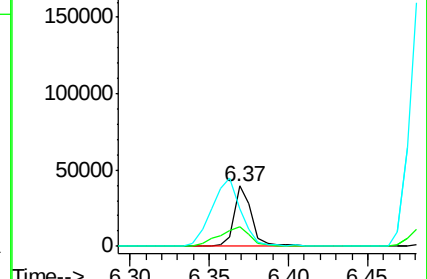
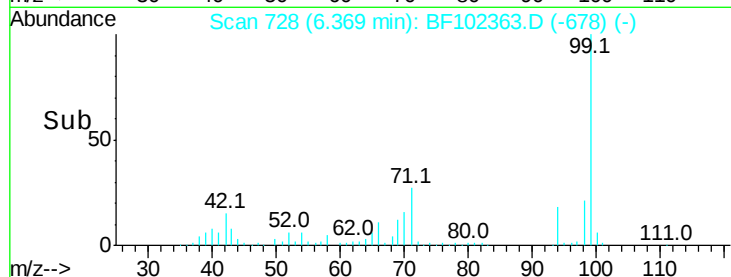
66 62.1 16.2 56.2#



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: 13.090 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Tgt Ion: 70 Resp: 85948

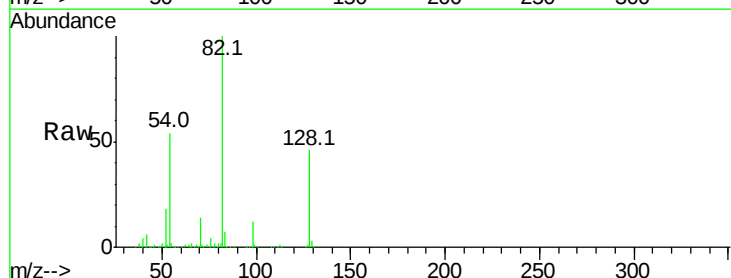
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

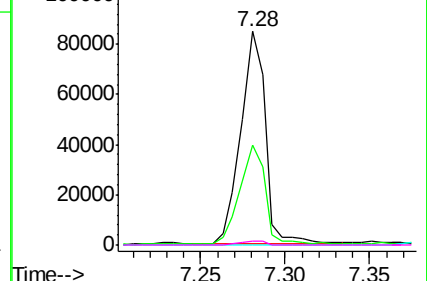
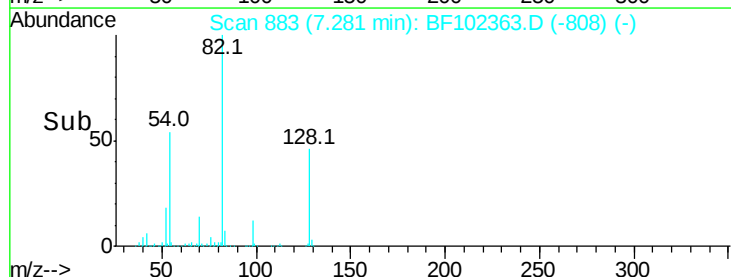


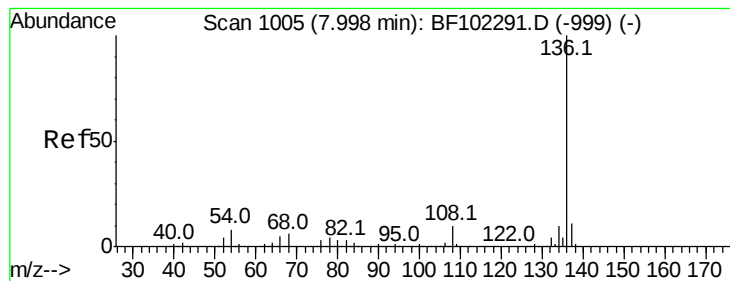
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 559769

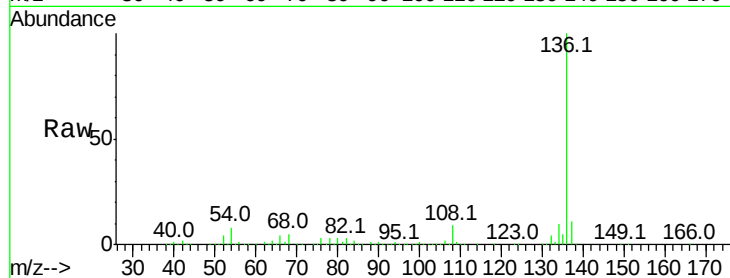
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.1 5.0 7.4

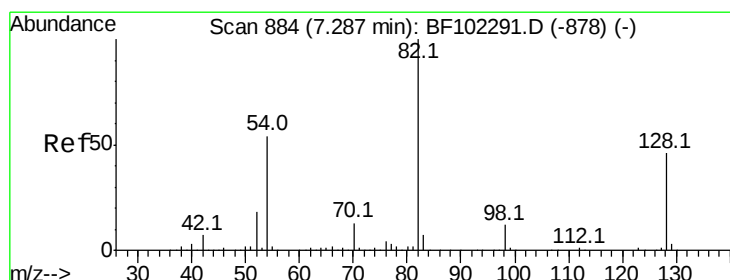
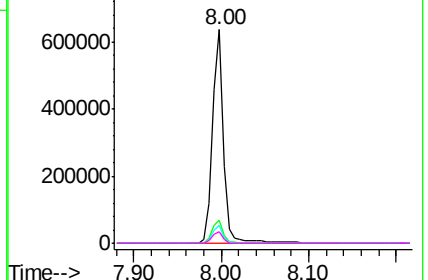
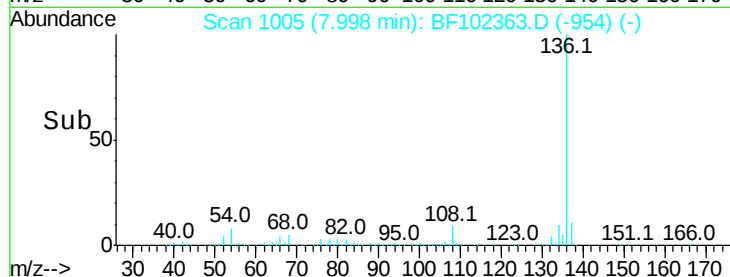


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 67.497 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

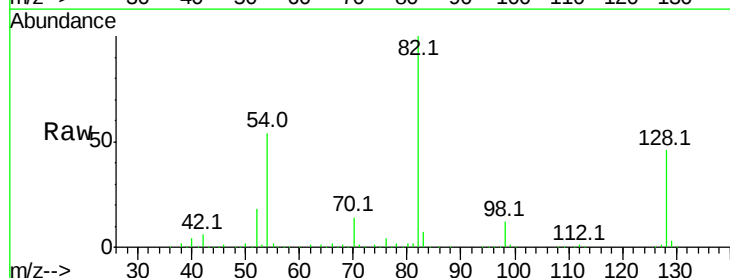
Tgt Ion: 82 Resp: 657474

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

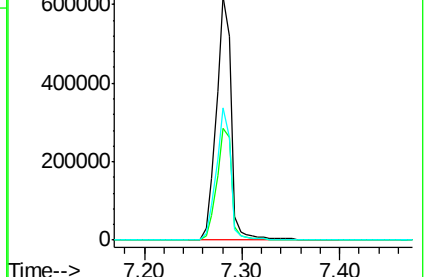
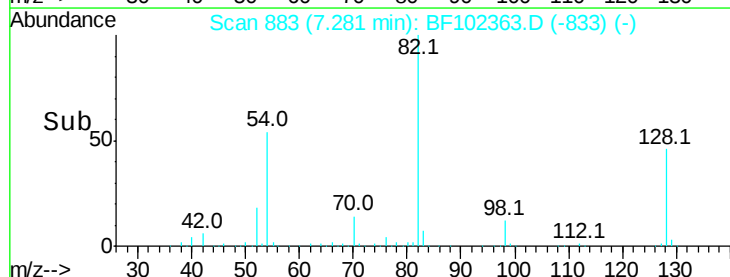
54 54.2 41.4 62.2

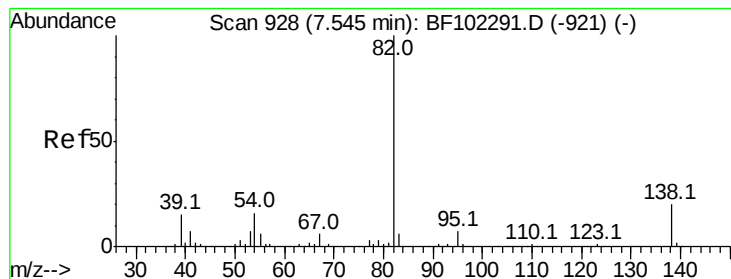


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.923 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

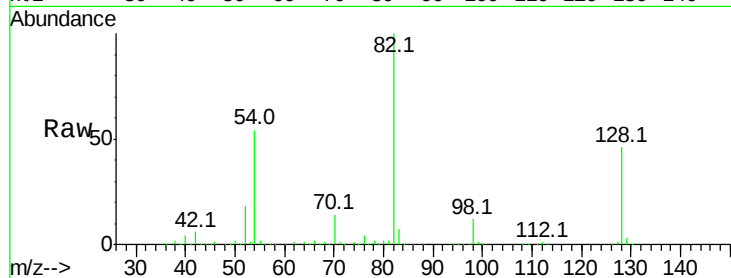
Tot Ion: 82 Resp: 641171

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

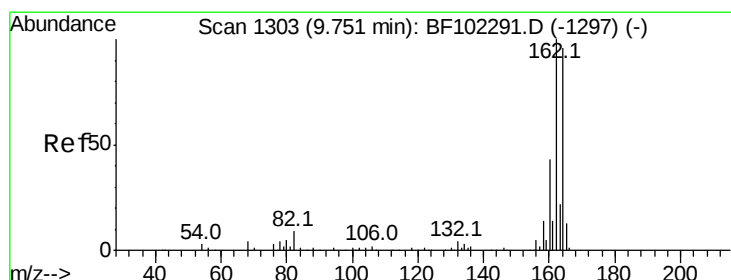
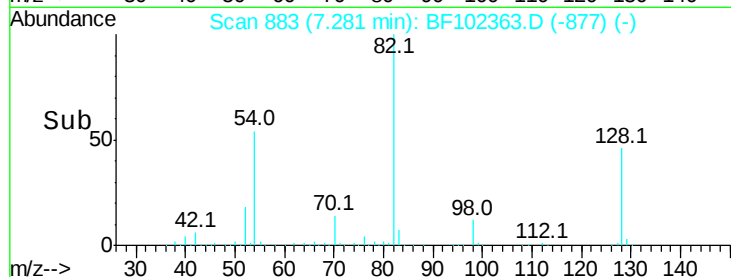
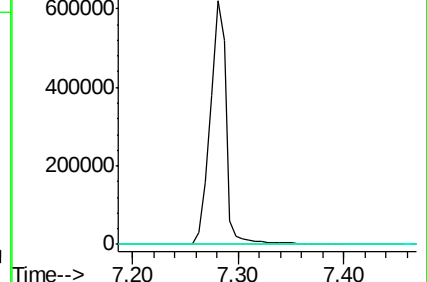
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.00 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

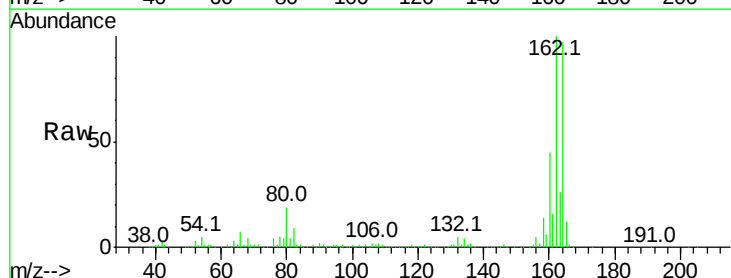
Tgt Ion:164 Resp: 236285

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

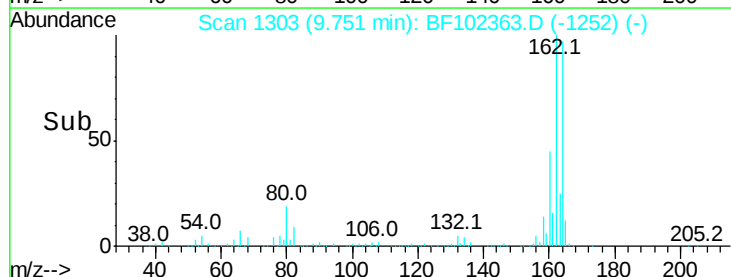
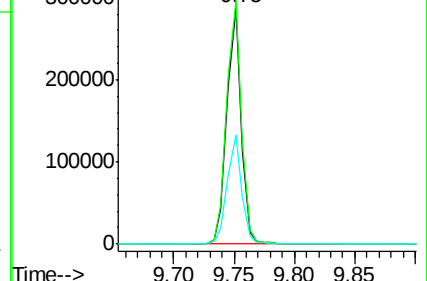
160 46.1 38.3 57.5

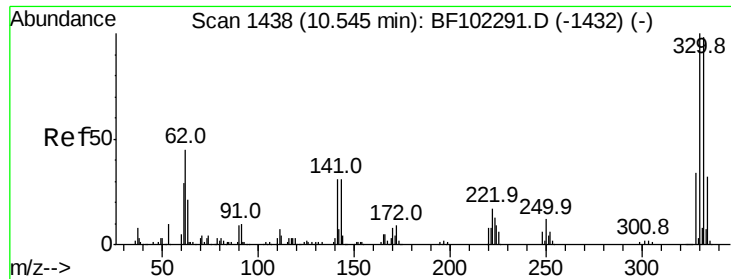


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

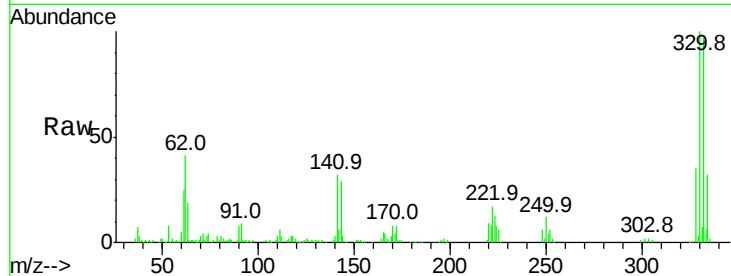




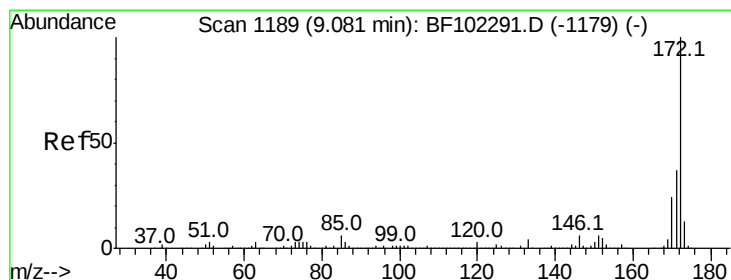
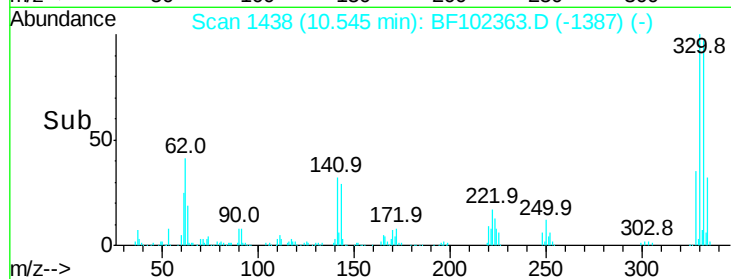
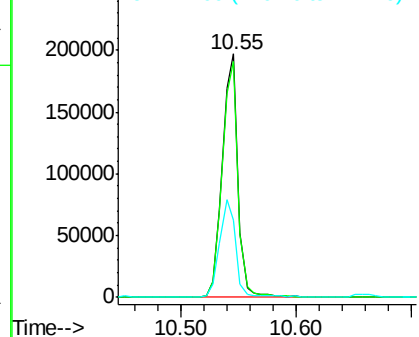
#41
 2,4,6-Tribromophenol
 Concen: 79.386 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102363.D
 Acq: 24 Jan 2018 00:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.9	29.9	44.9

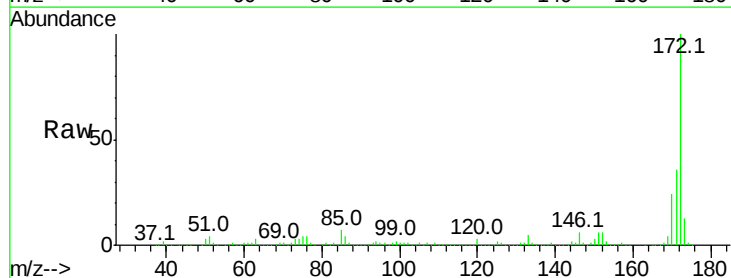


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

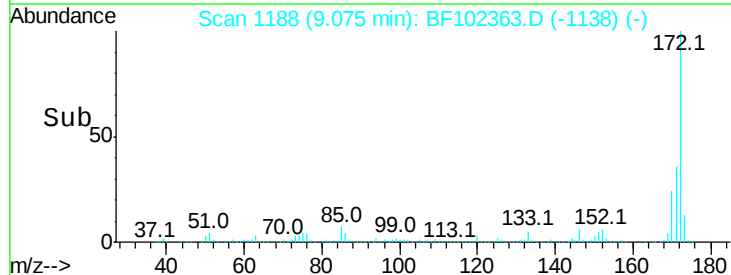
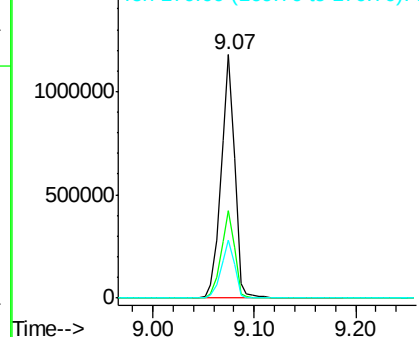


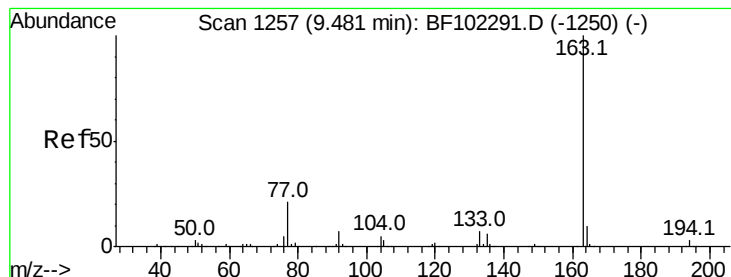
#44
 2-Fluorobiphenyl
 Concen: 68.480 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102363.D
 Acq: 24 Jan 2018 00:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	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: 8.887 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

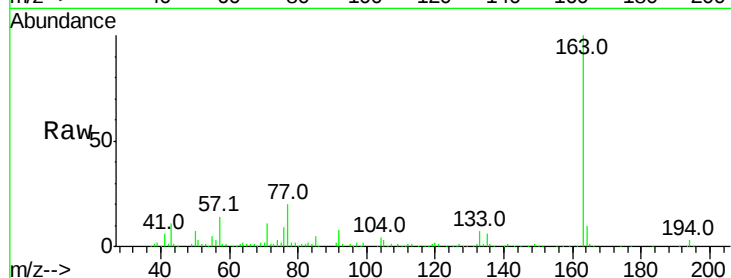
Tot Ion:163 Resp: 173558

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

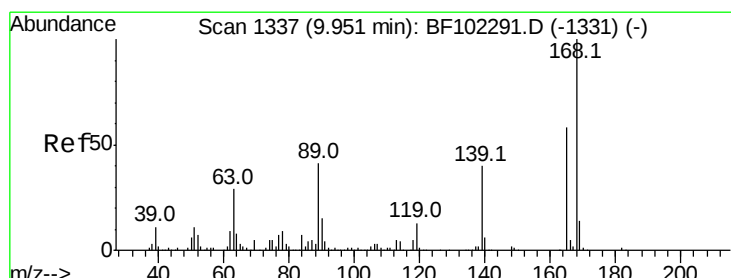
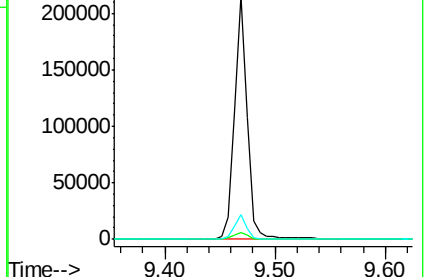
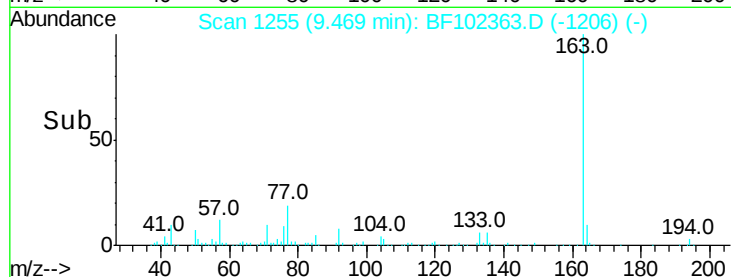
164 10.0 8.2 12.2



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: 5.949 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Tgt Ion:165 Resp: 30807

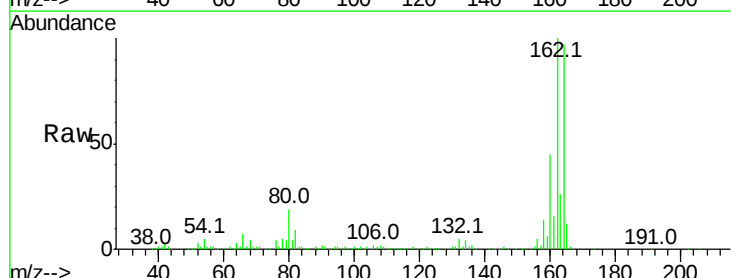
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

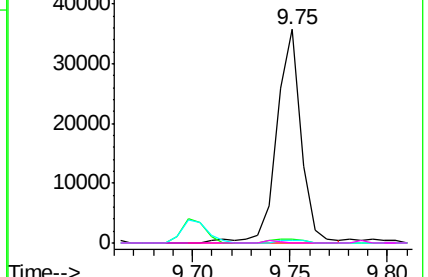
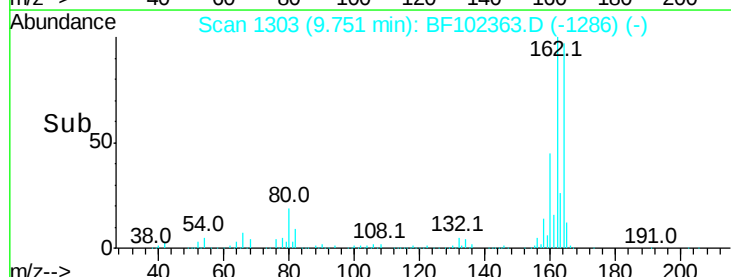


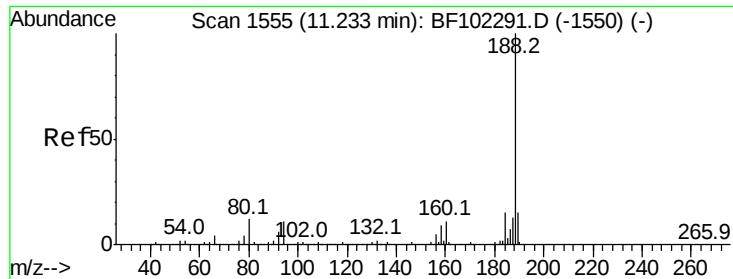
Abundance Ion 165.00 (164.70 to 165.70): E

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

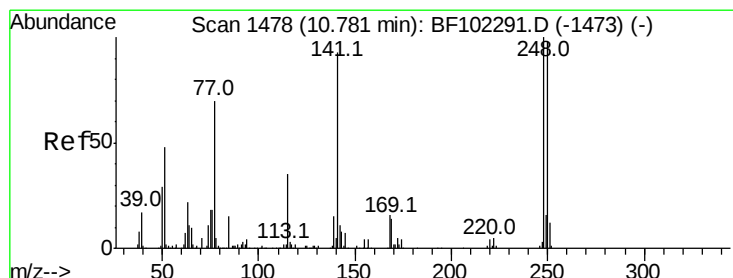
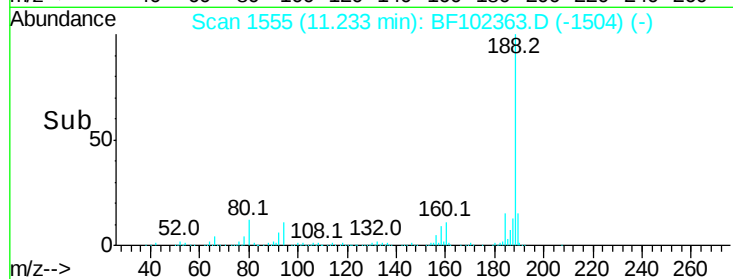
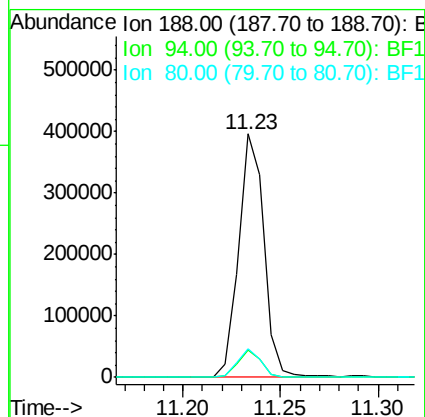
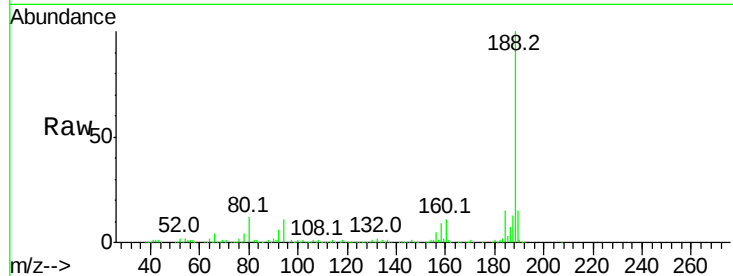




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102363.D
Acq: 24 Jan 2018 00:54

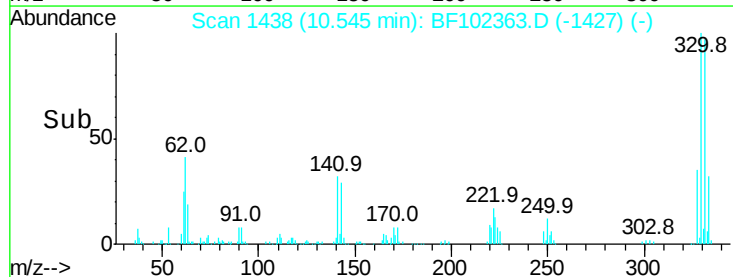
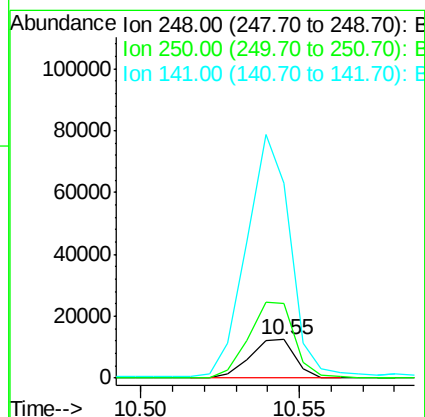
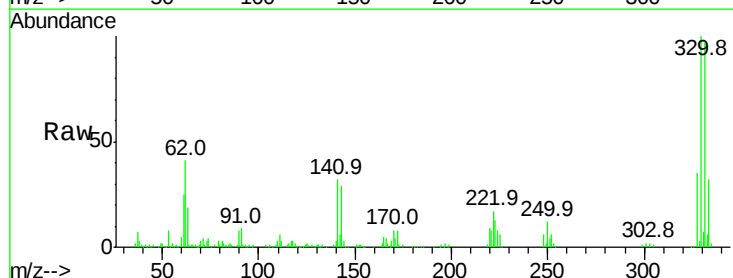
Instrument :
BNA_F
ClientSampleId :

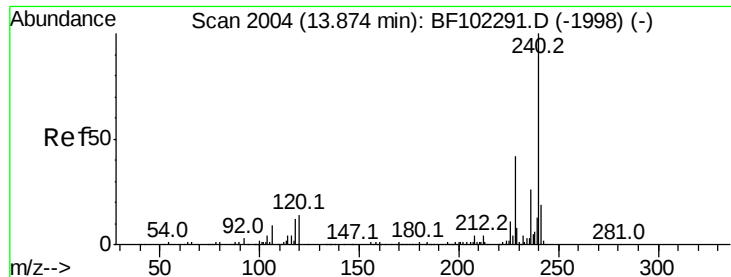
Tot Ion:188 Resp: 356741
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.236 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102363.D
Acq: 24 Jan 2018 00:54

Tgt Ion:248 Resp: 12427
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 502.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

Instrument :

BNA_F

ClientSampleId :

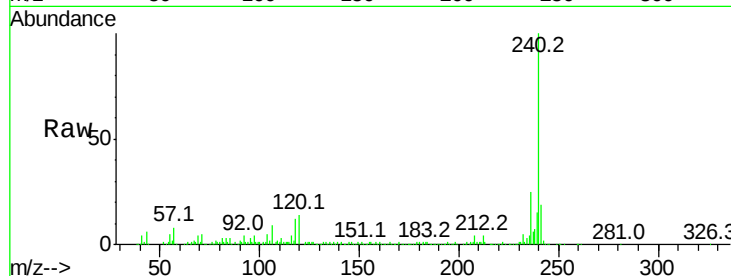
Tot Ion:240 Resp: 262913

Ion Ratio Lower Upper

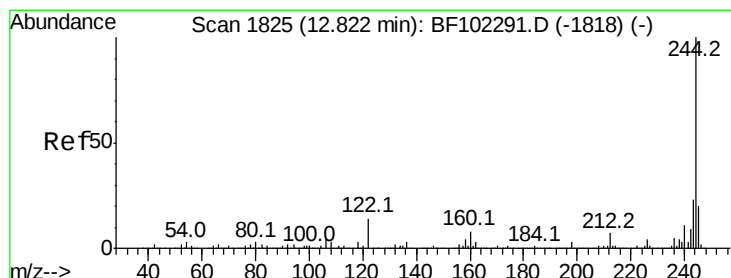
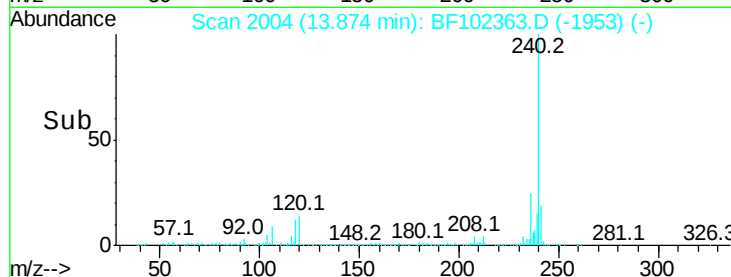
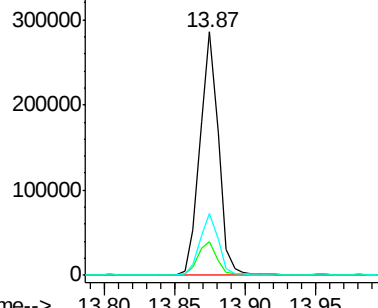
240 100

120 13.9 9.5 14.3

236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.520 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102363.D

Acq: 24 Jan 2018 00:54

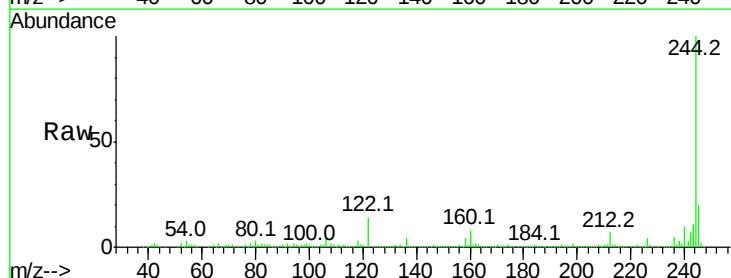
Tgt Ion:244 Resp: 752458

Ion Ratio Lower Upper

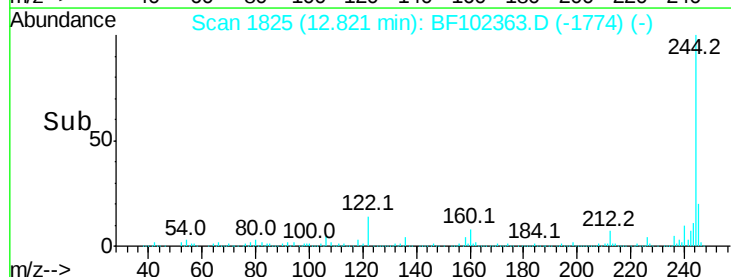
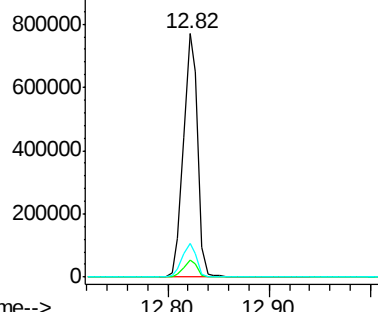
244 100

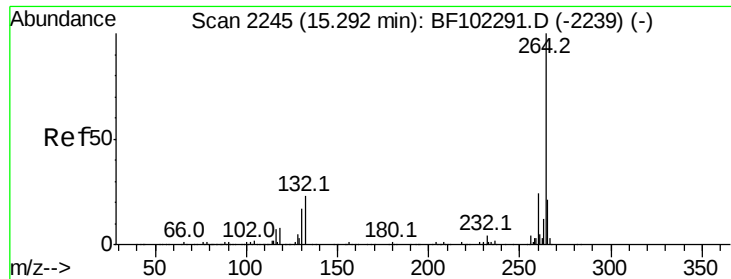
212 7.0 5.4 8.0

122 13.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

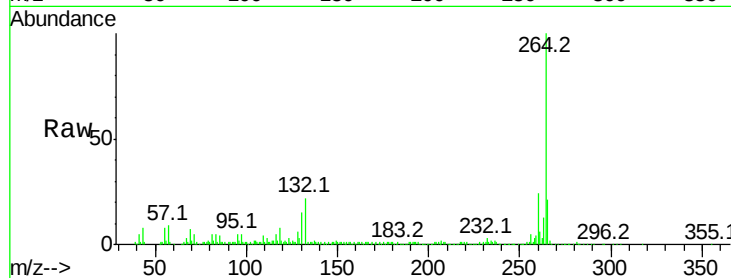




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102363.D
 Acq: 24 Jan 2018 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 217321
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.6 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

