

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102319.D
 Acq On : 23 Jan 2018 00:18
 Operator : SJ/JU
 Sample : J1238-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 05:32:07 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

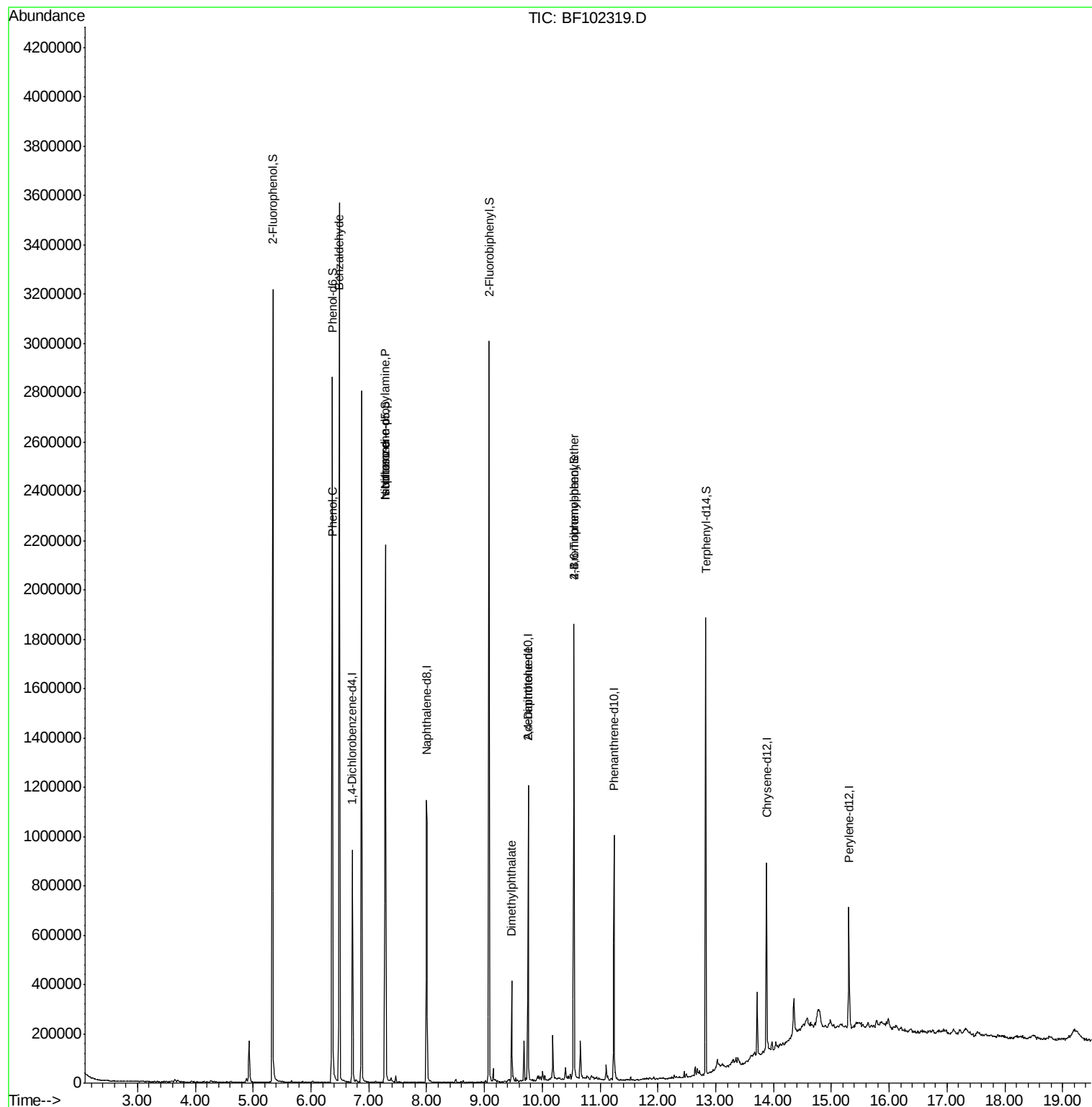
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138507	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	564420	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	233135	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	330417	20.00	ng	0.00
75) Chrysene-d12	13.88	240	263400	20.00	ng	0.00
86) Perylene-d12	15.30	264	206223	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1002427	109.74	ng	0.02
7) Phenol-d6	6.37	99	1209185	109.80	ng	0.01
23) Nitrobenzene-d5	7.29	82	728847	74.21	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	209629	90.75	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	979627	61.78	ng	0.00
78) Terphenyl-d14	12.83	244	634999	54.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	21312	2.791	ng	84
10) Phenol	6.38	94	42353	3.523	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	95288	14.139	ng	# 79
25) Isophorone	7.29	82	728837	41.625	ng	# 64
49) Dimethylphthalate	9.47	163	153528	7.967	ng	99
56) 2,4-Dinitrotoluene	9.76	165	29705	5.814	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	13216	3.716	ng	# 1

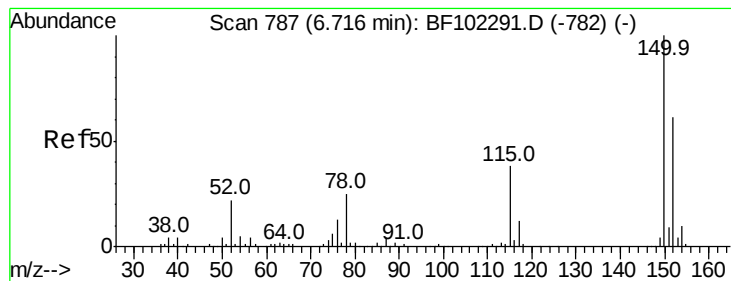
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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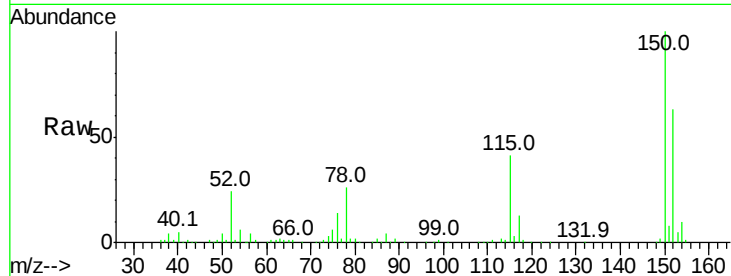


#1

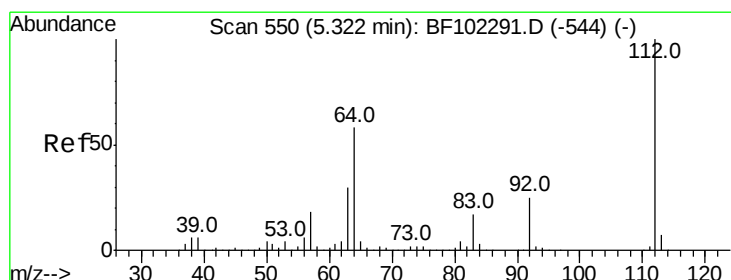
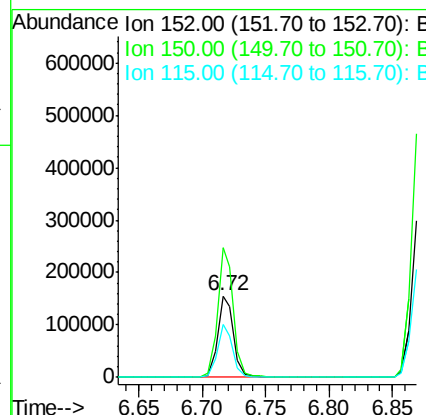
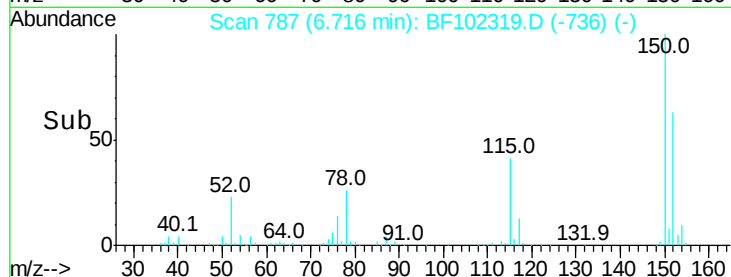
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102319.D
Acq: 23 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138507
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.2 50.1 75.1



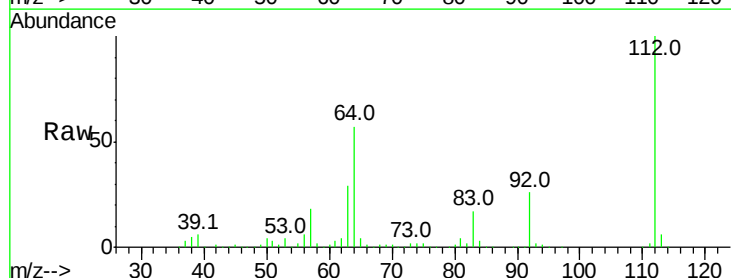
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



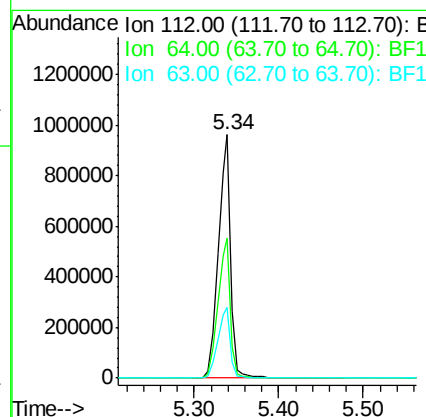
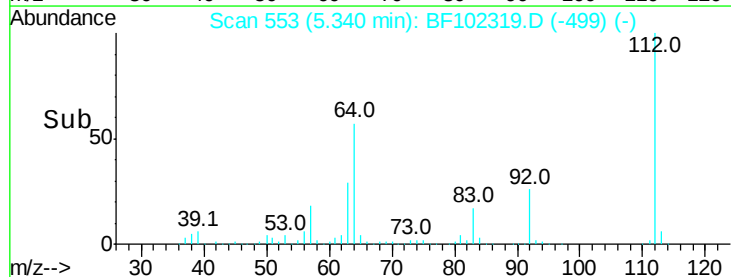
#5

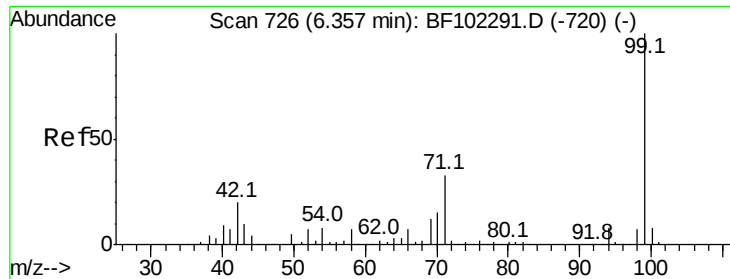
2-Fluorophenol
Concen: 109.737 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102319.D
Acq: 23 Jan 2018 00:18

Tgt Ion:112 Resp: 1002427
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.3 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: 109.798 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleID :

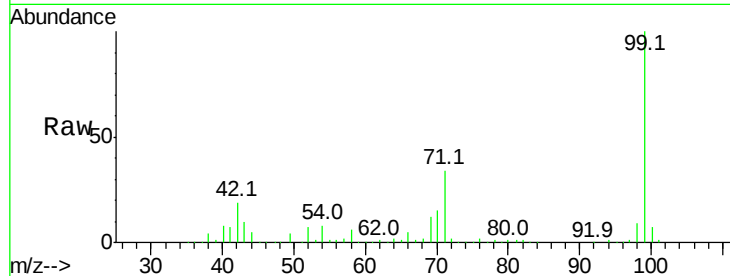
Tot Ion: 99 Resp: 1209185

Ion Ratio Lower Upper

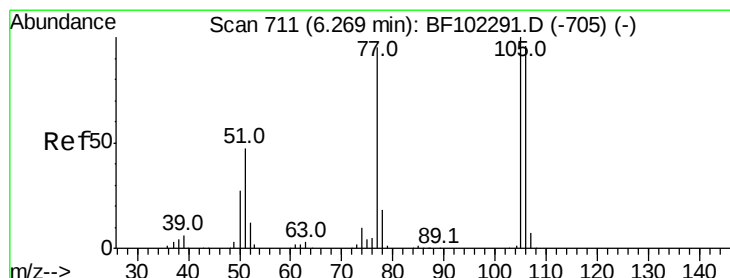
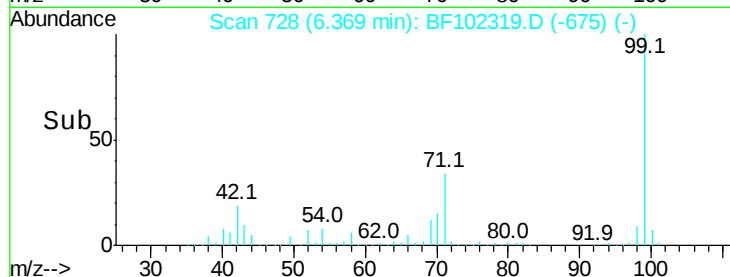
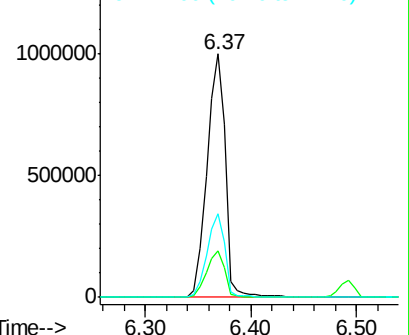
99 100

42 19.3 14.5 21.7

71 34.4 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: 2.791 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

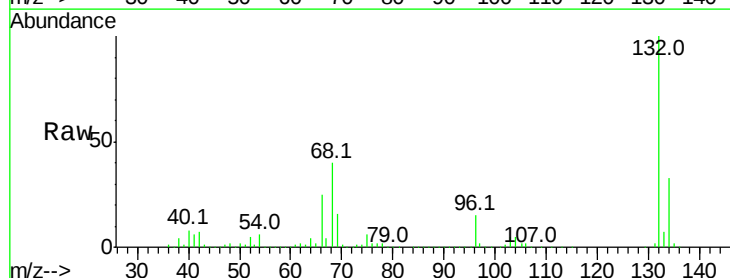
Tgt Ion: 77 Resp: 21312

Ion Ratio Lower Upper

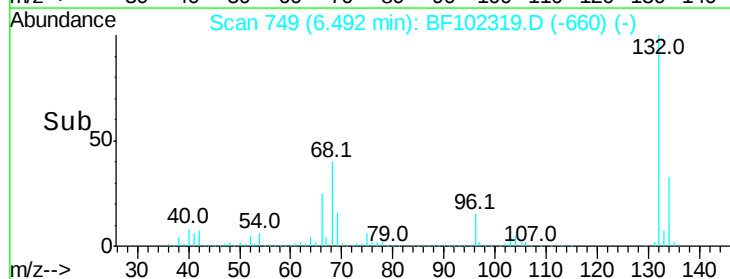
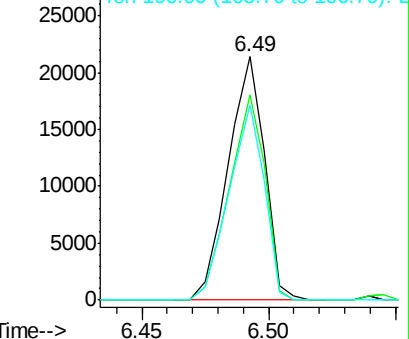
77 100

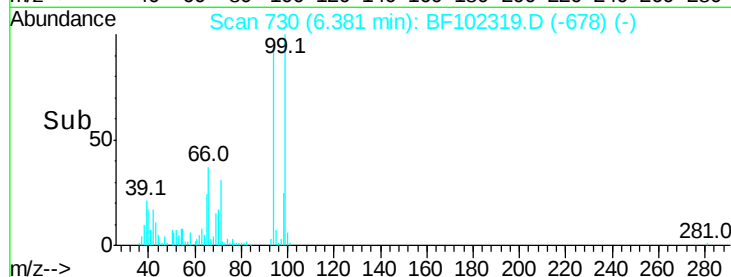
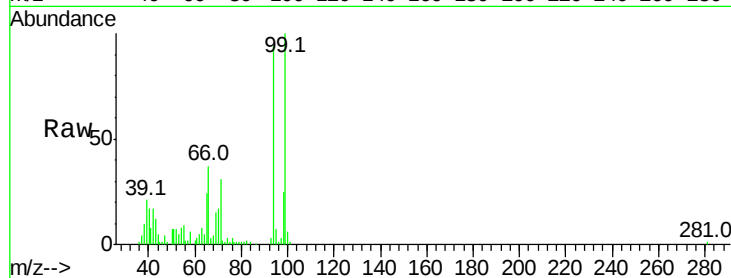
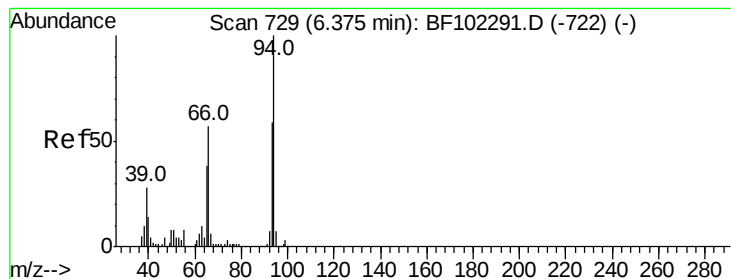
105 84.1 81.1 121.1

106 80.3 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: 3.523 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

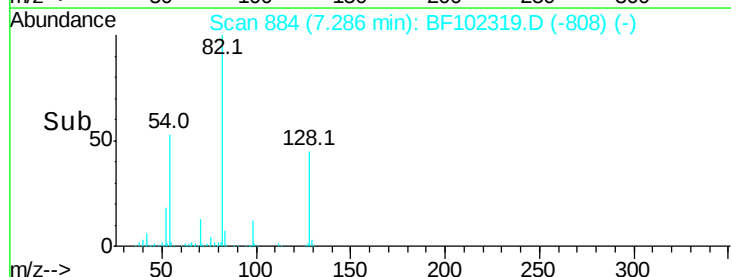
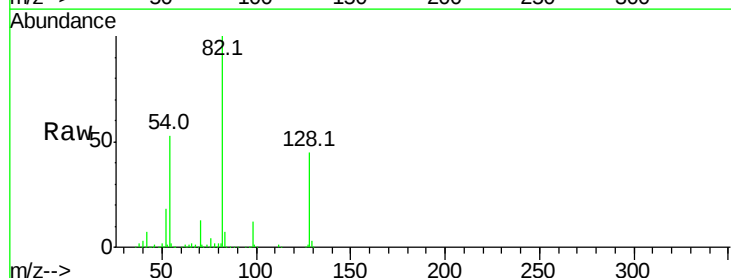
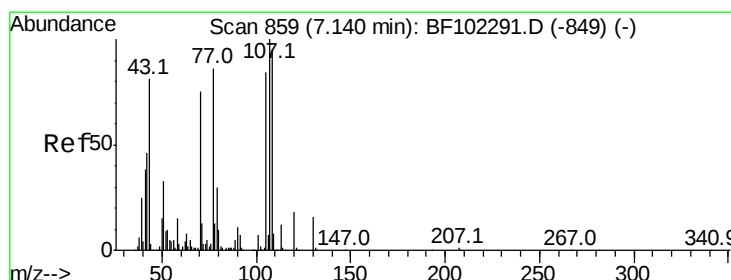
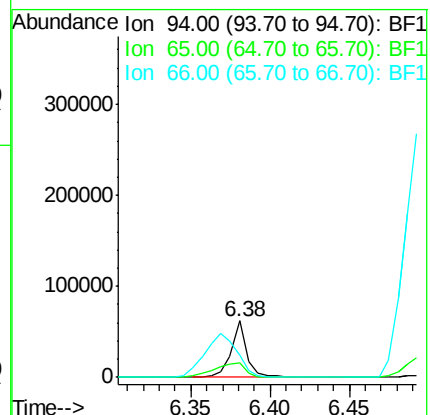
Tot Ion: 94 Resp: 42353

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 39.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.139 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Tgt Ion: 70 Resp: 95288

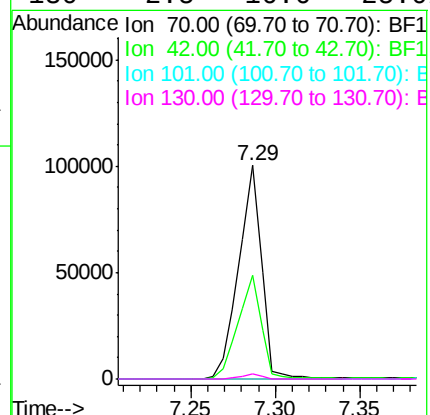
Ion Ratio Lower Upper

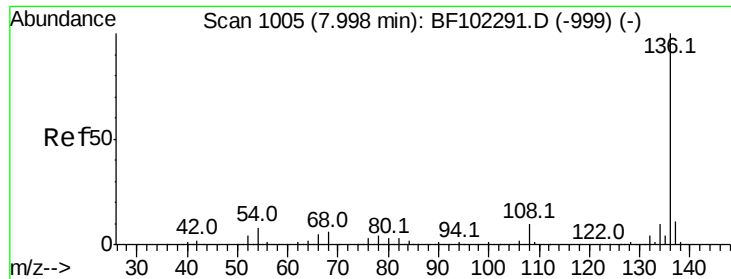
70 100

42 48.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

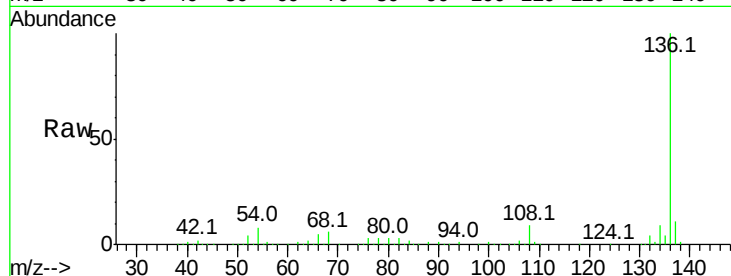




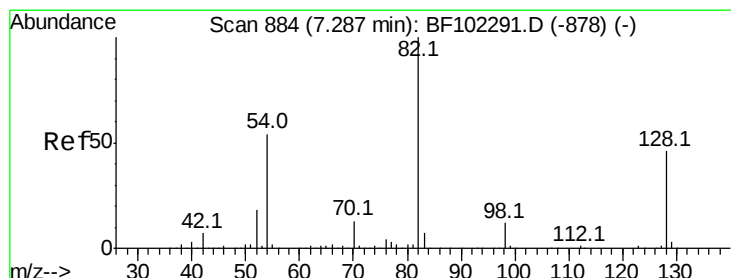
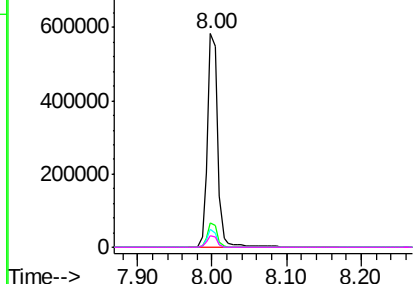
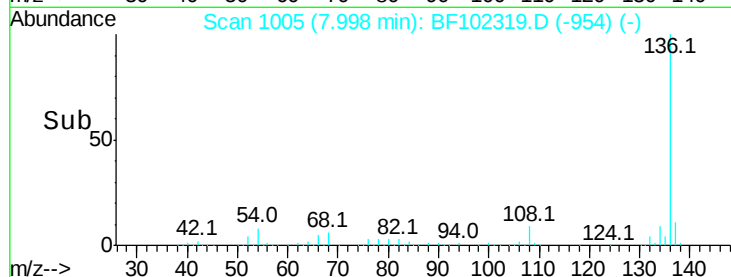
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102319.D
Acq: 23 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	564420
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	5.7	5.0	7.4

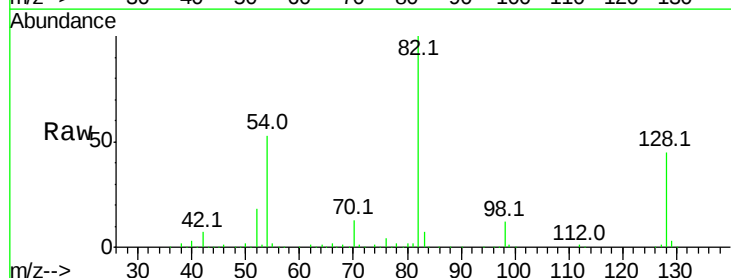


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

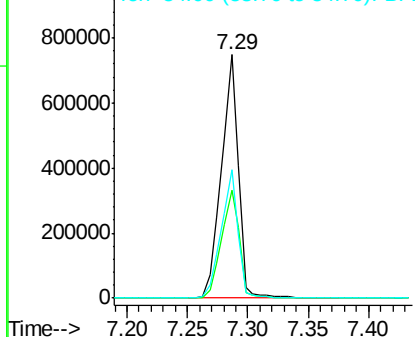
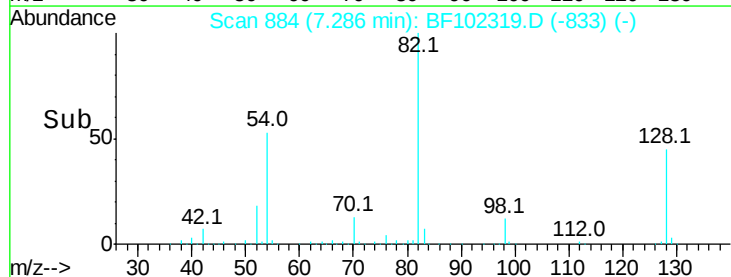


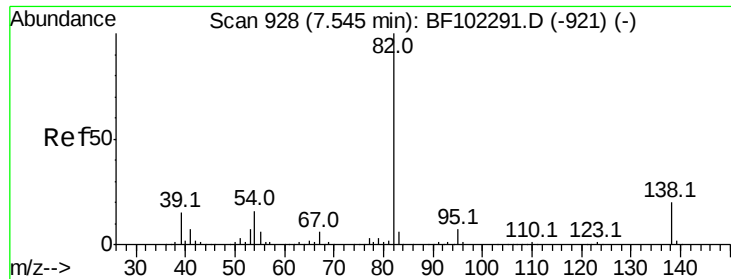
#23
Nitrobenzene-d5
Concen: 74.208 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102319.D
Acq: 23 Jan 2018 00:18

Tgt Ion:	82	Resp:	728847
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	53.0	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: 41.625 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampled :

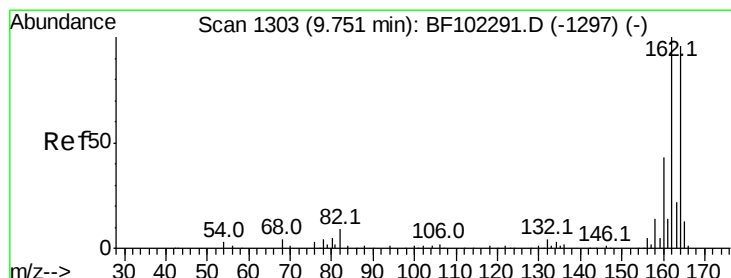
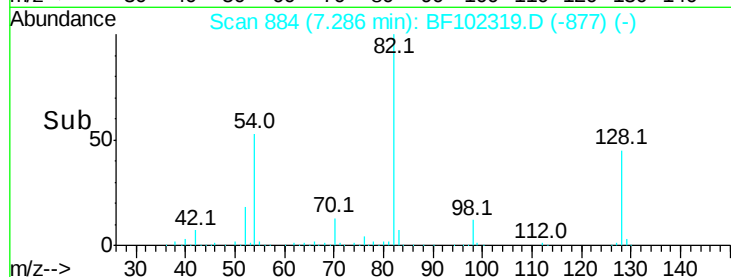
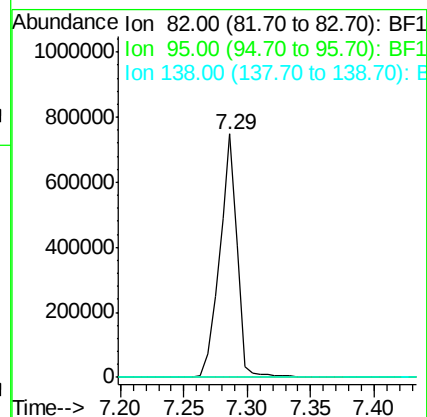
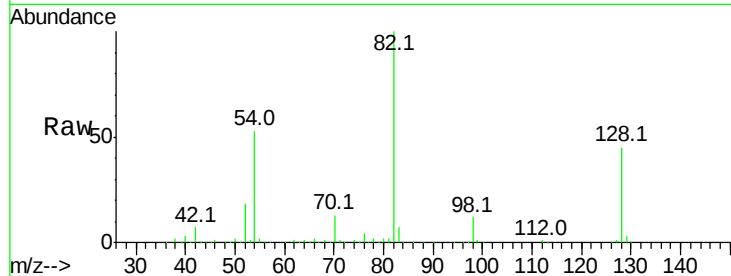
Tot Ion: 82 Resp: 728837

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

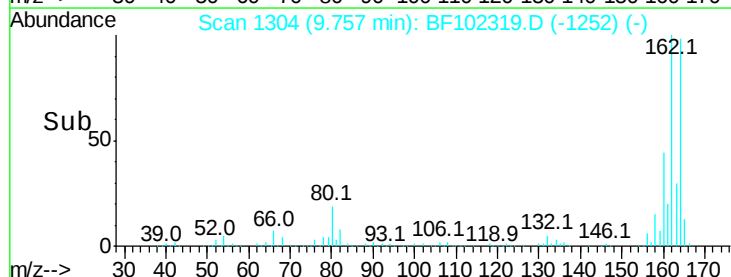
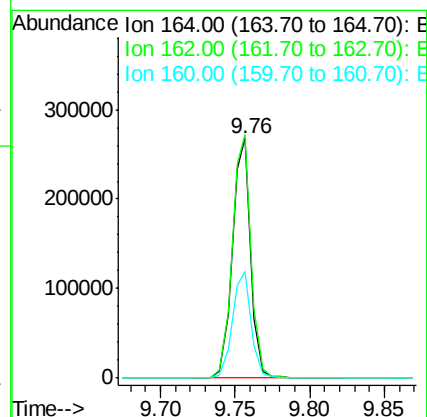
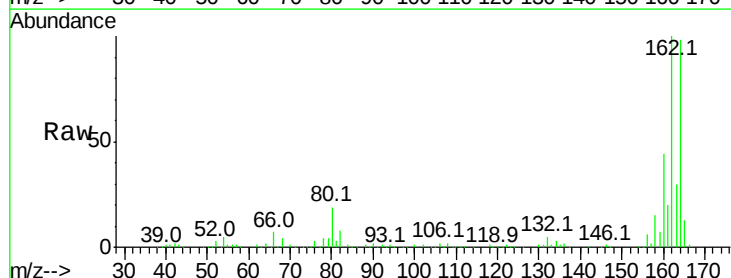
Tgt Ion:164 Resp: 233135

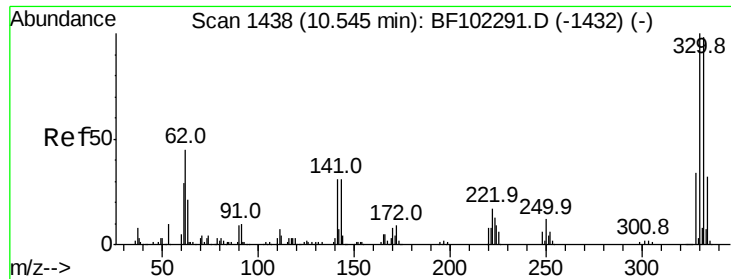
Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

160 44.8 38.3 57.5

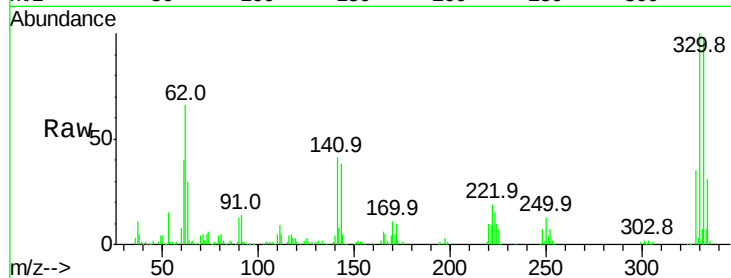




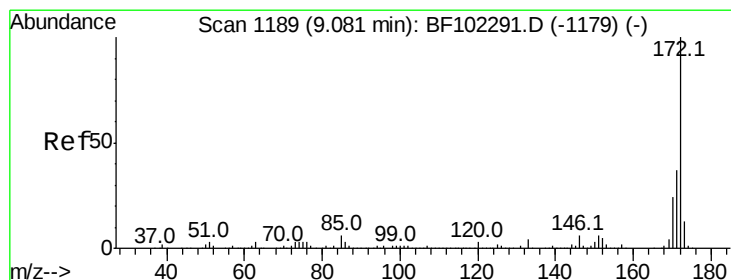
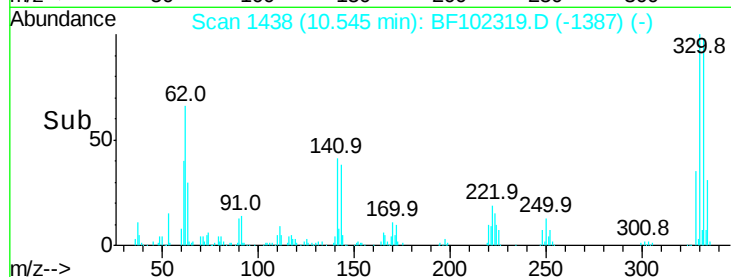
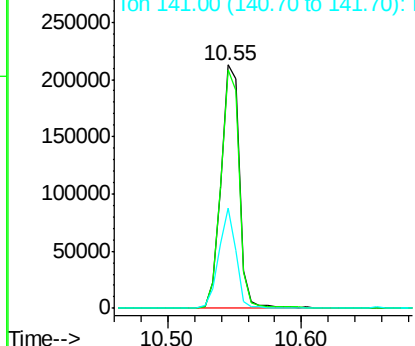
#41
 2,4,6-Tribromophenol
 Concen: 90.747 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102319.D
 Acq: 23 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.2	29.9	44.9

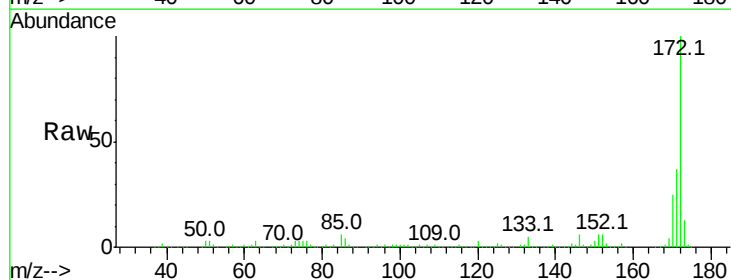


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

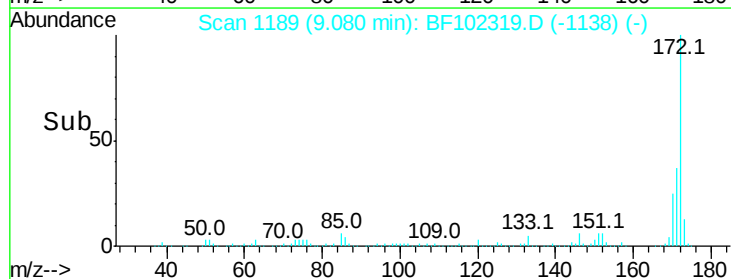
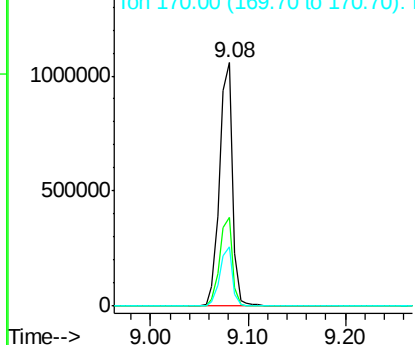


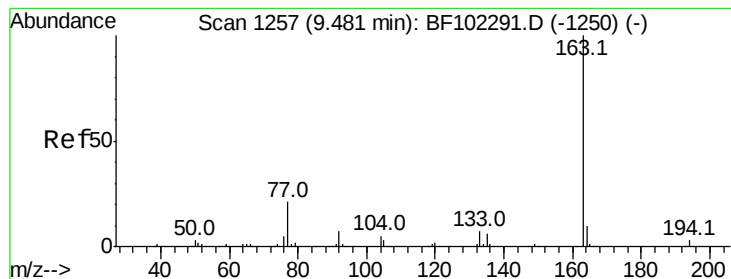
#44
 2-Fluorobiphenyl
 Concen: 61.784 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102319.D
 Acq: 23 Jan 2018 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	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: 7.967 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

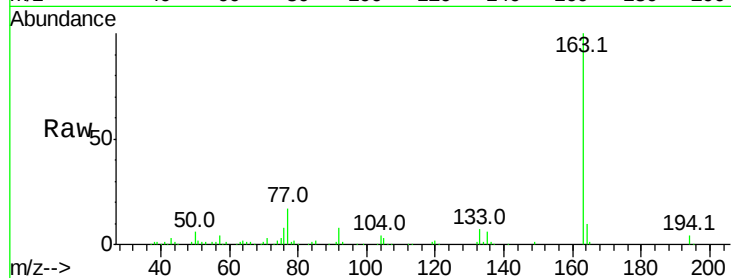
Tot Ion:163 Resp: 153528

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

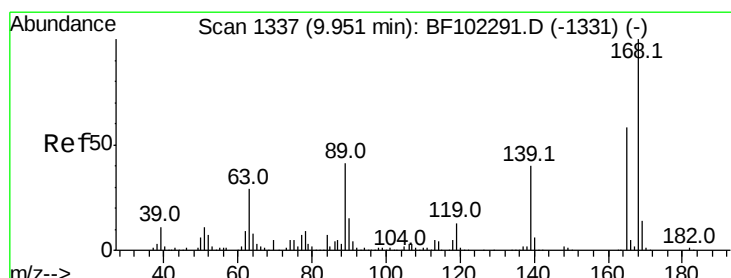
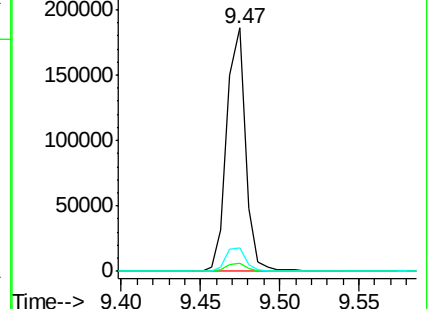
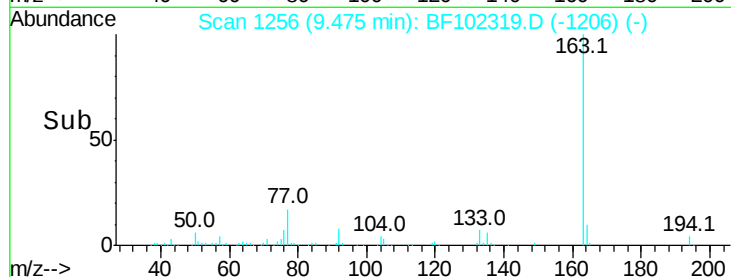
164 9.5 8.2 12.2



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: 5.814 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Tgt Ion:165 Resp: 29705

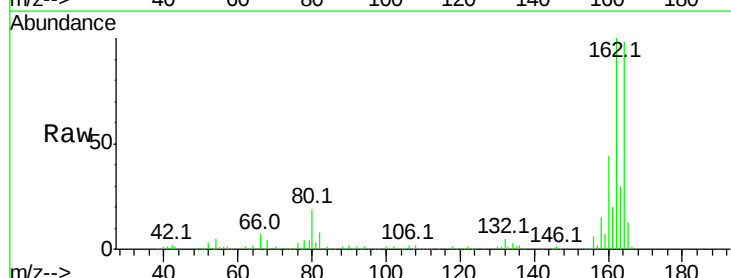
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

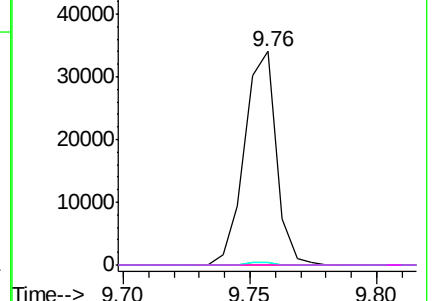
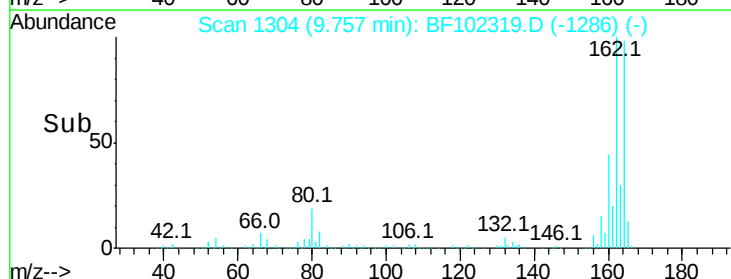


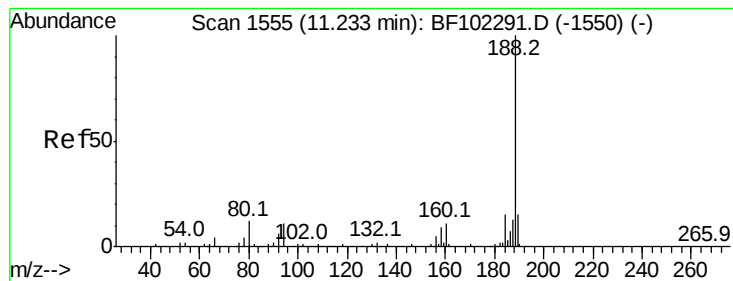
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

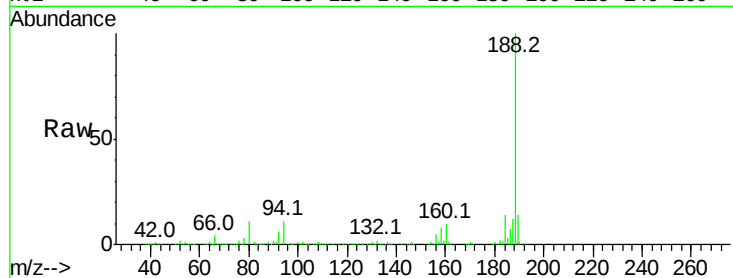
Tot Ion:188 Resp: 330417

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

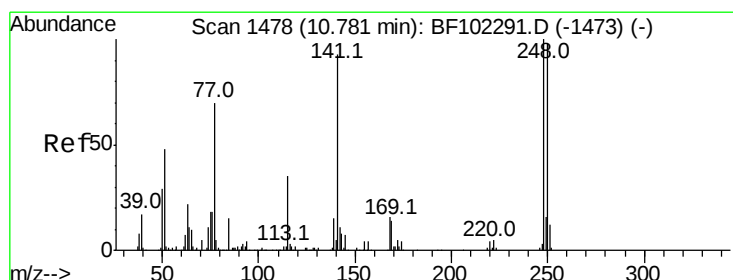
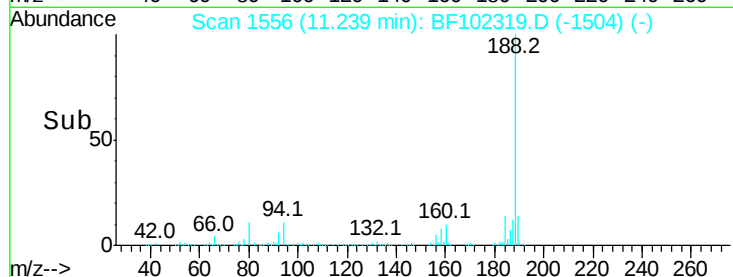
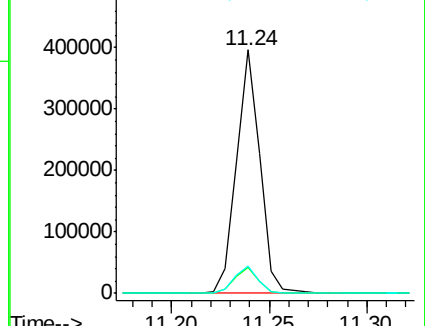
80 11.1 9.2 13.8



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: 3.716 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

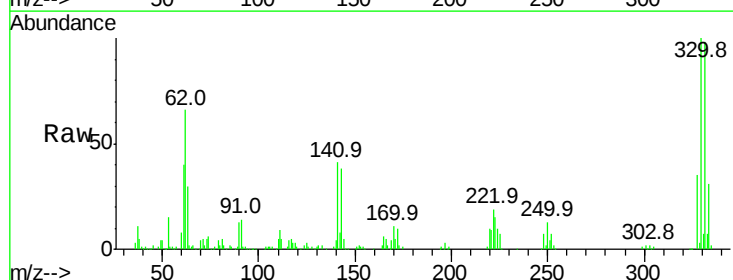
Tgt Ion:248 Resp: 13216

Ion Ratio Lower Upper

248 100

250 193.6 76.9 115.3#

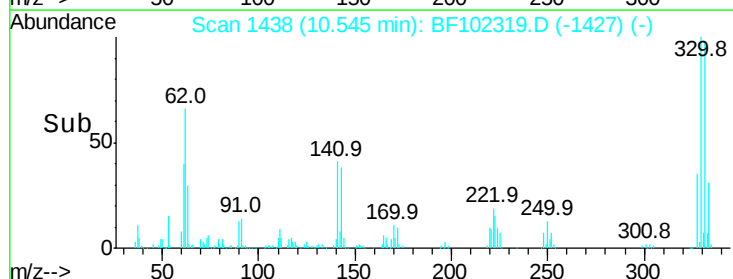
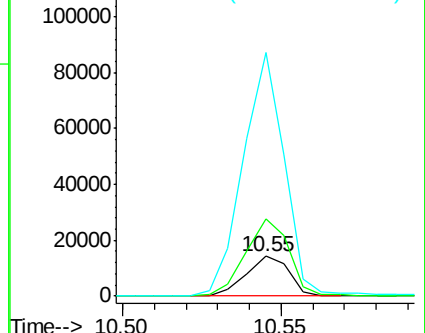
141 612.9 74.4 111.6#

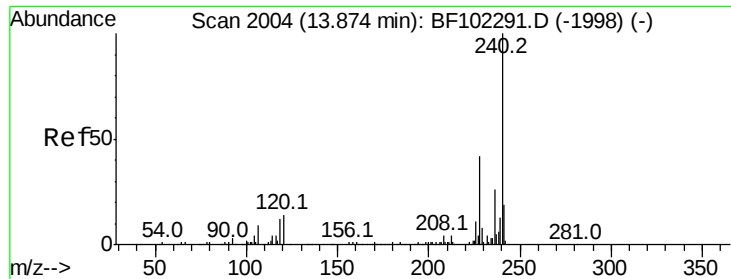


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

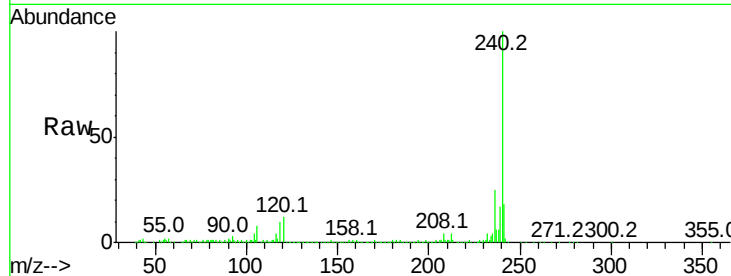
Tot Ion:240 Resp: 263400

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

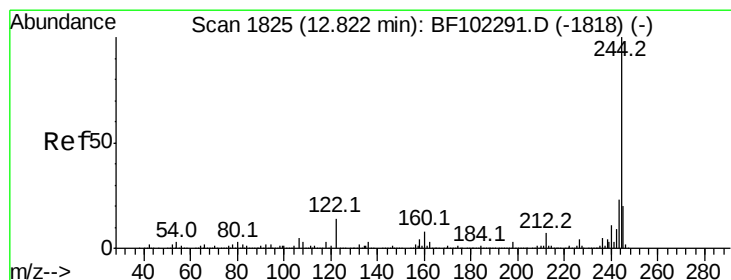
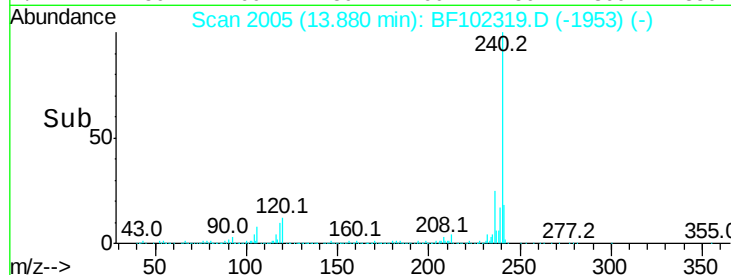
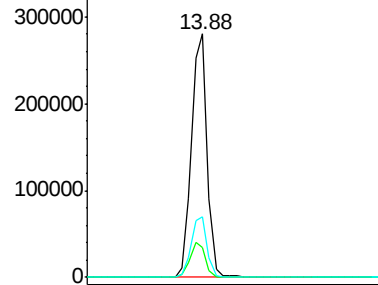
236 25.0 20.7 31.1



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: 54.348 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102319.D

Acq: 23 Jan 2018 00:18

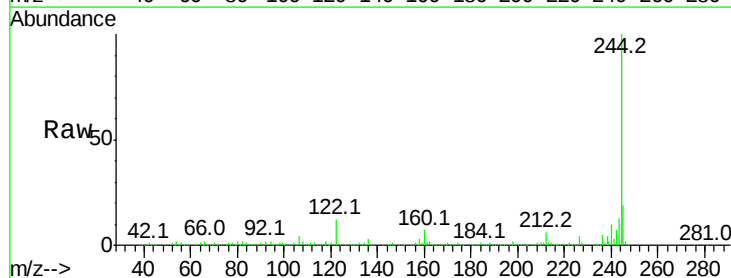
Tgt Ion:244 Resp: 634999

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

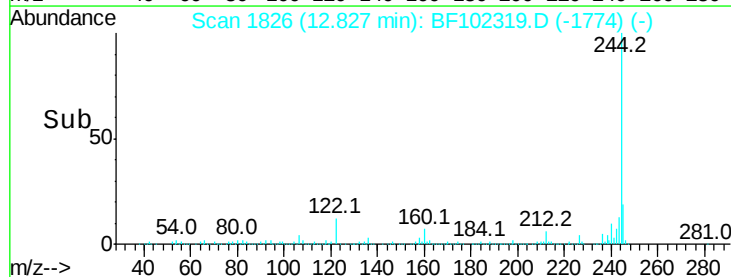
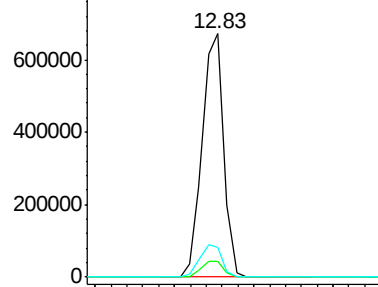
122 12.4 11.0 16.4

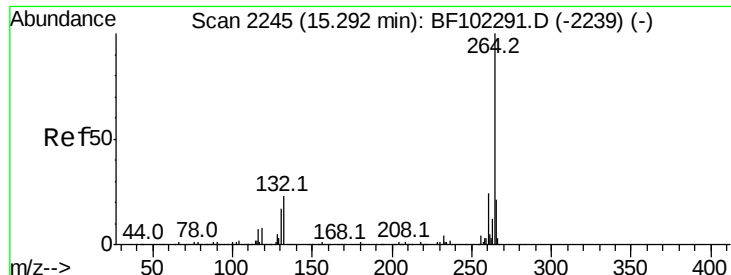


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

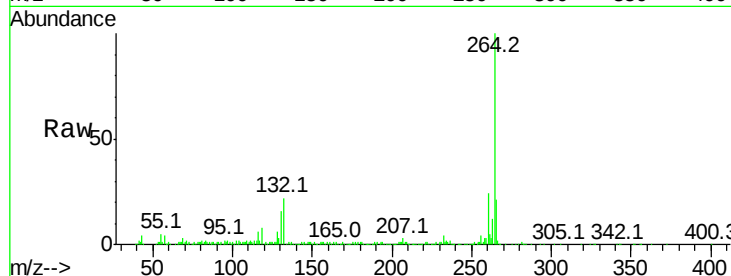




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102319.D
Acq: 23 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	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

