

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102515.D
 Acq On : 27 Jan 2018 17:32
 Operator : SJ/JU
 Sample : J1009-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-012518-A

Quant Time: Jan 27 21:00:06 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

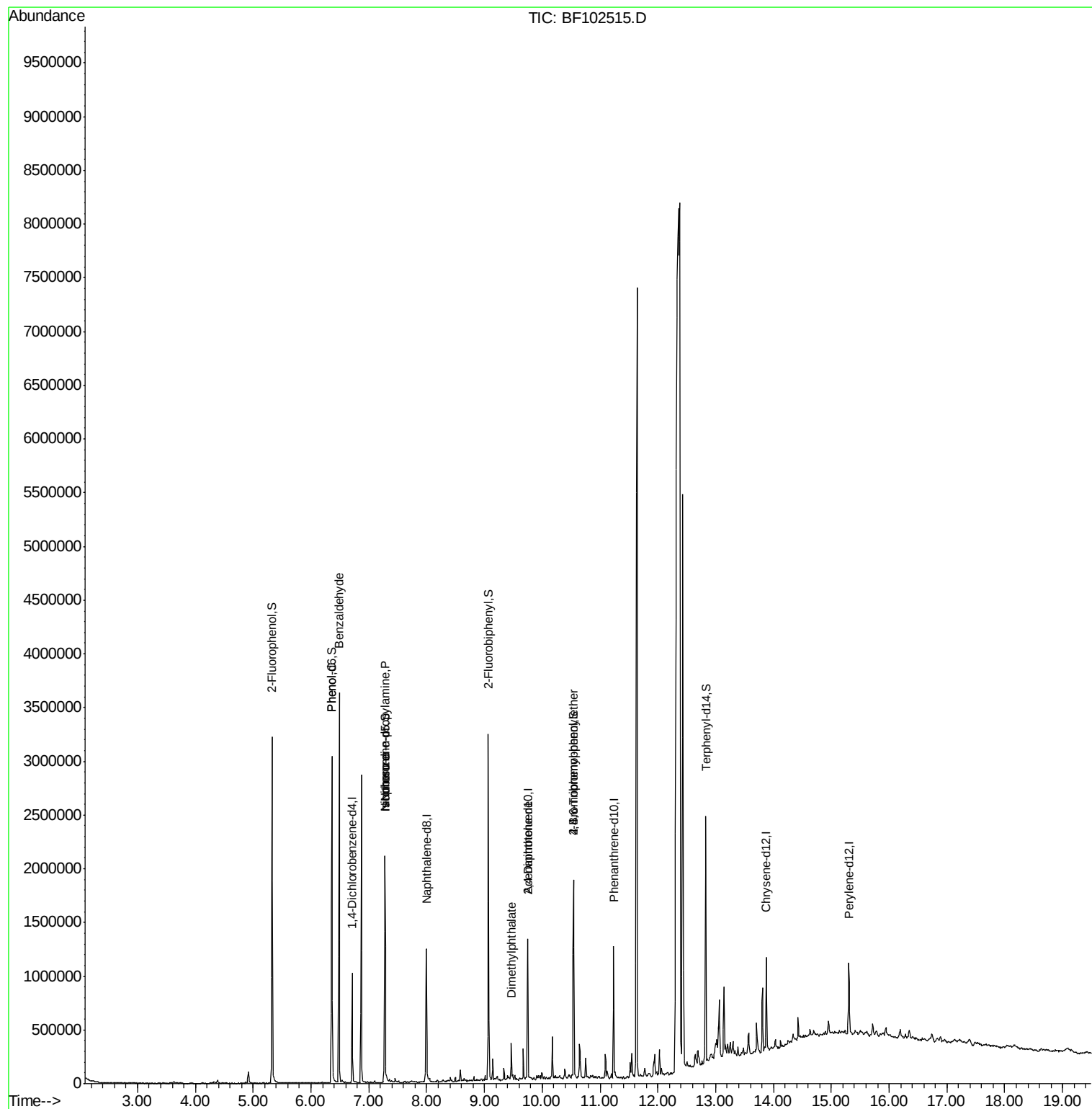
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	156554	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	637453	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269927	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	409352	20.00	ng	0.00
75) Chrysene-d12	13.87	240	280774	20.00	ng	0.00
86) Perylene-d12	15.30	264	271155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	968881	93.84	ng	0.00
7) Phenol-d6	6.36	99	1144439	91.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	719869	64.90	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	203747	76.18	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1124395	61.25	ng	0.00
78) Terphenyl-d14	12.83	244	748925	60.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20352	2.378	ng	83
10) Phenol	6.37	94	42372	3.118	ng	79
19) n-Nitroso-di-n-propylamine	7.28	70	96816	12.709	ng	# 80
25) Isophorone	7.28	82	704012	35.601	ng	# 64
49) Dimethylphthalate	9.46	163	107615	4.823	ng	99
56) 2,4-Dinitrotoluene	9.75	165	35611	6.020	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14393	3.266	ng	# 1

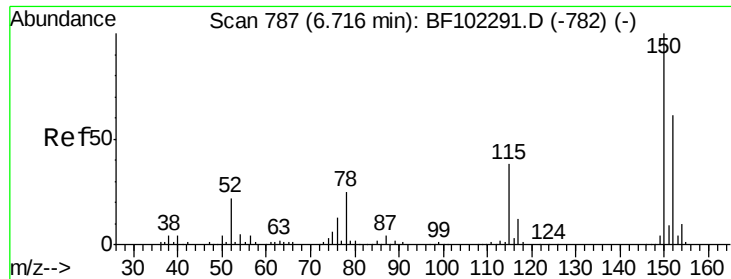
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-A

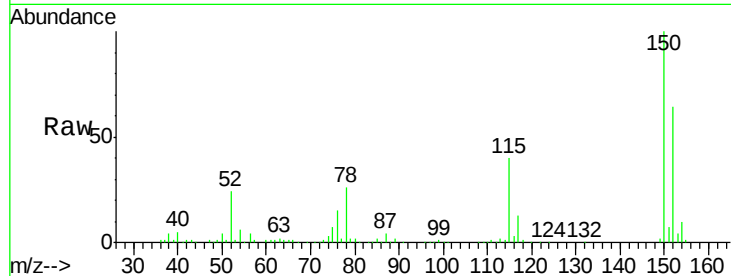
Tgt Ion:152 Resp: 156554

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

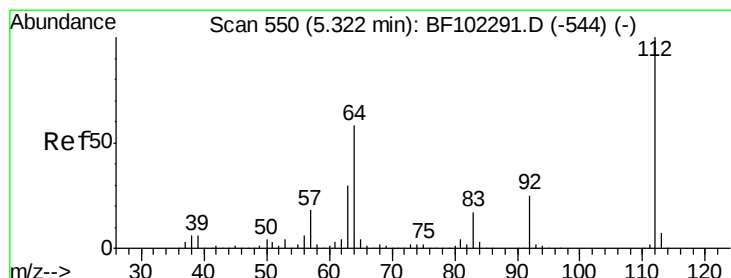
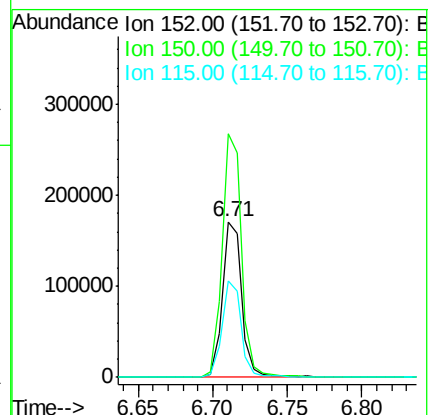
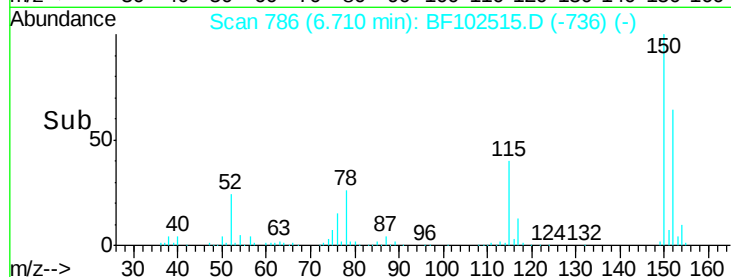
115 62.4 50.1 75.1



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: 93.838 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

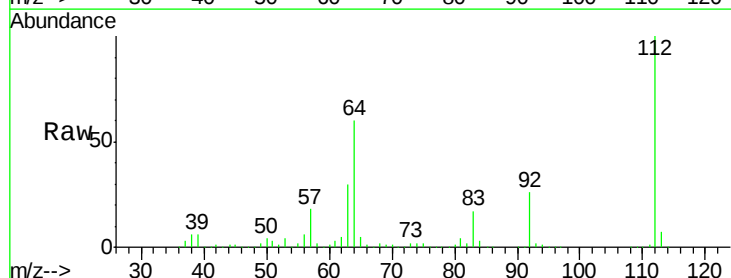
Tgt Ion:112 Resp: 968881

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

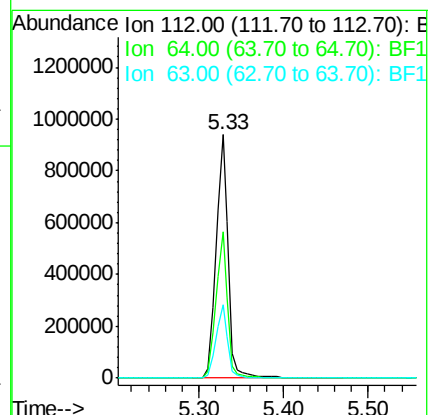
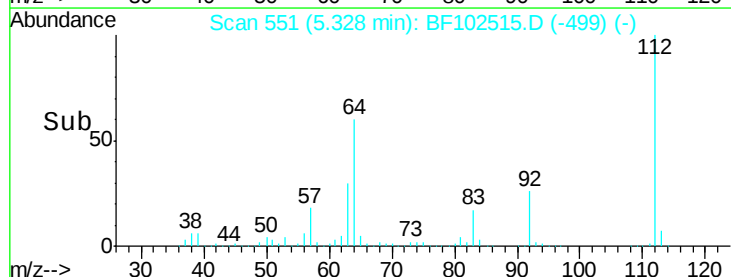
63 30.0 23.7 35.5

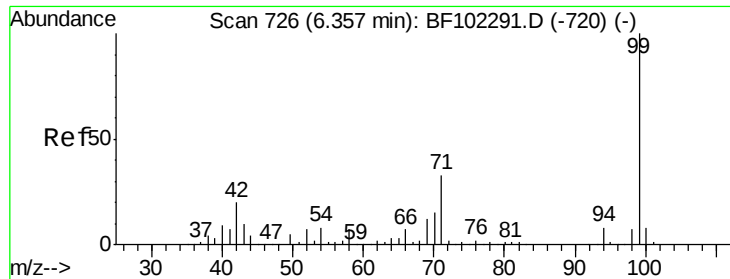


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.940 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-A

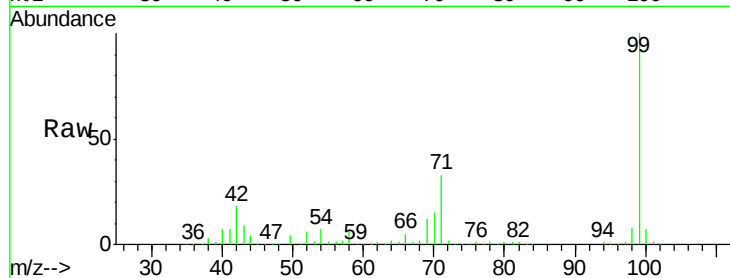
Tgt Ion: 99 Resp: 1144439

Ion Ratio Lower Upper

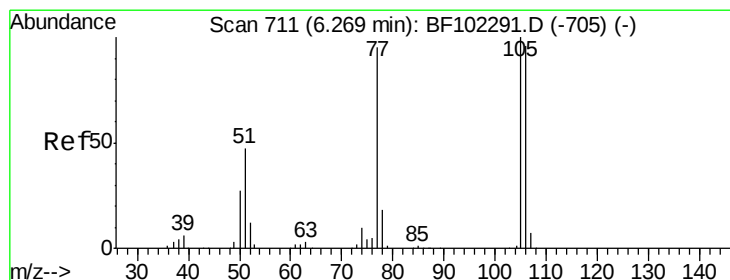
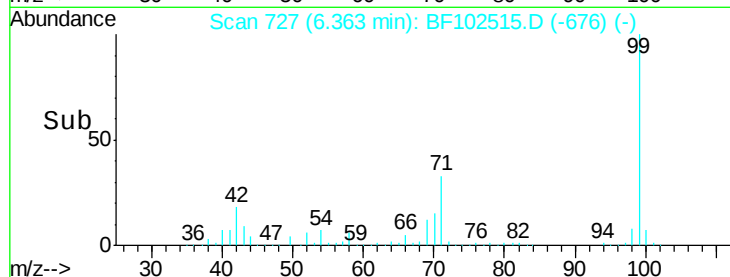
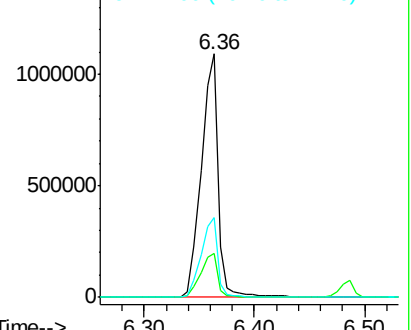
99 100

42 18.0 14.5 21.7

71 32.8 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: 2.378 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

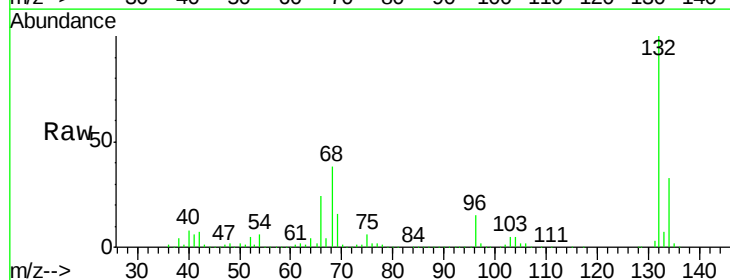
Tgt Ion: 77 Resp: 20352

Ion Ratio Lower Upper

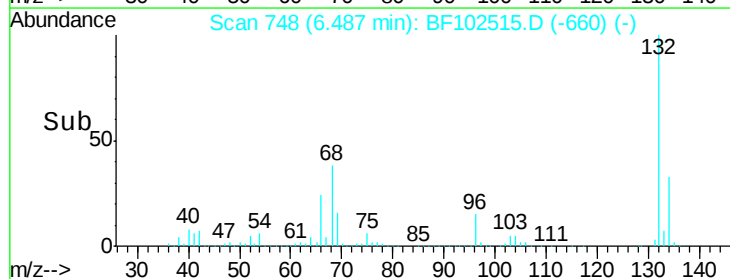
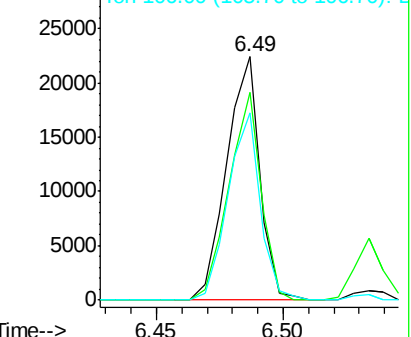
77 100

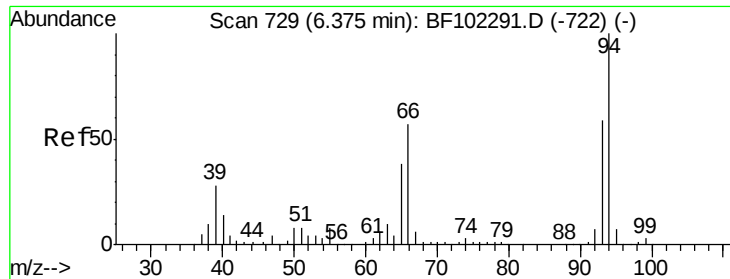
105 85.2 81.1 121.1

106 77.0 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: 3.118 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

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AU-05-012518-A

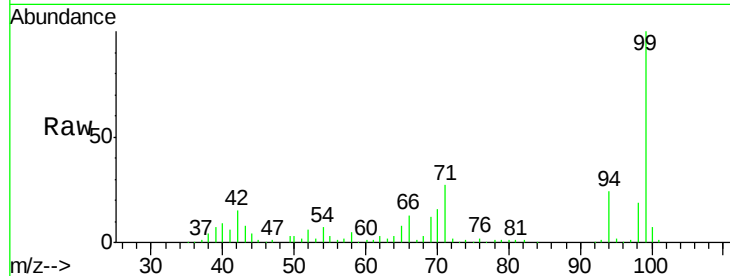
Tgt Ion: 94 Resp: 42372

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

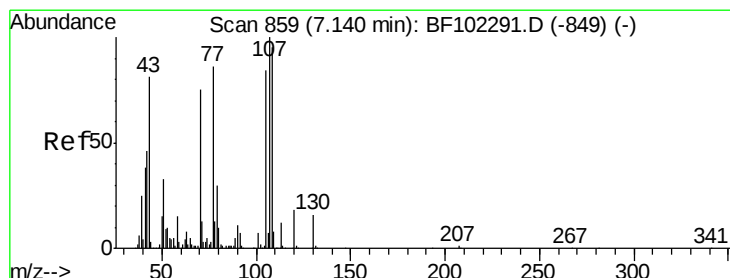
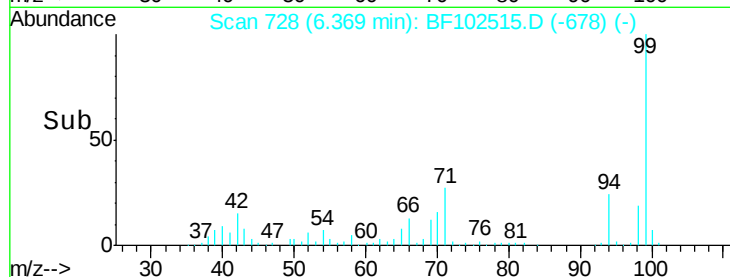
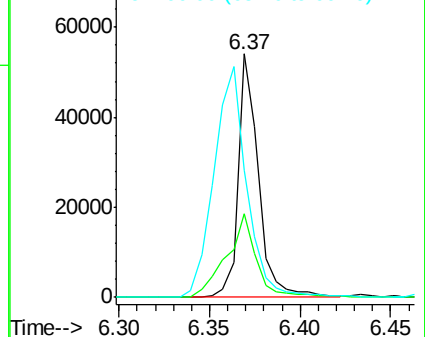
66 52.5 16.2 56.2



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: 12.709 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Tgt Ion: 70 Resp: 96816

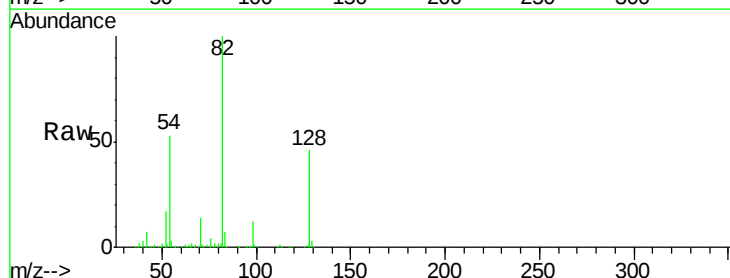
Ion Ratio Lower Upper

70 100

42 50.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

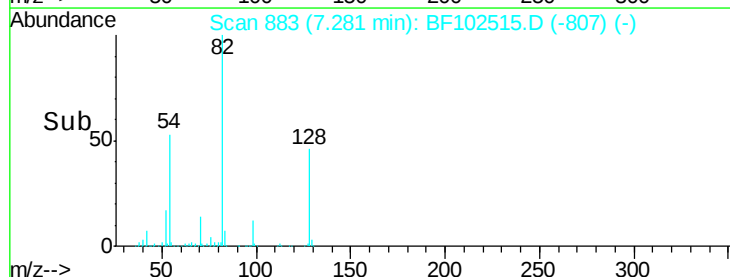
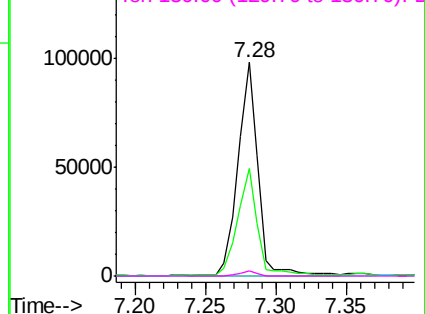


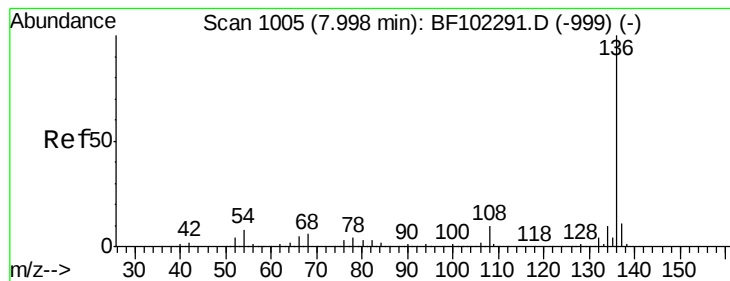
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

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Tgt Ion: 136 Resp: 637453

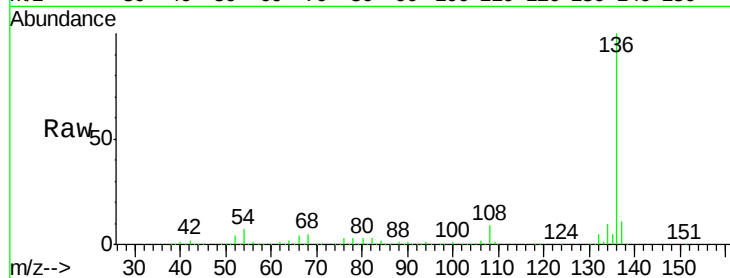
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.4 5.0 7.4

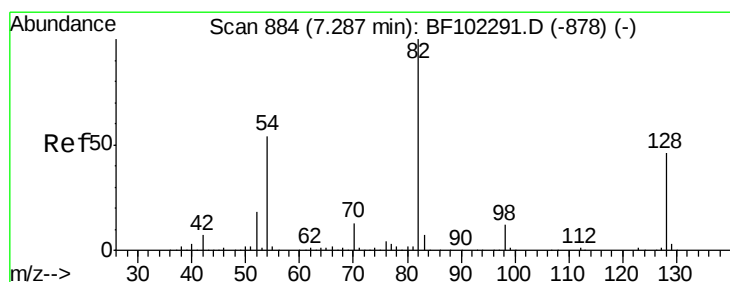
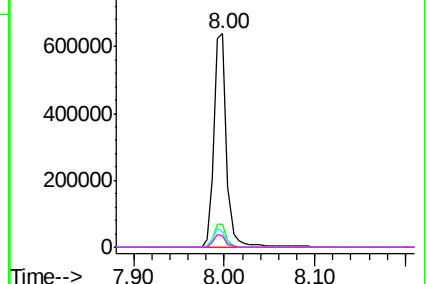
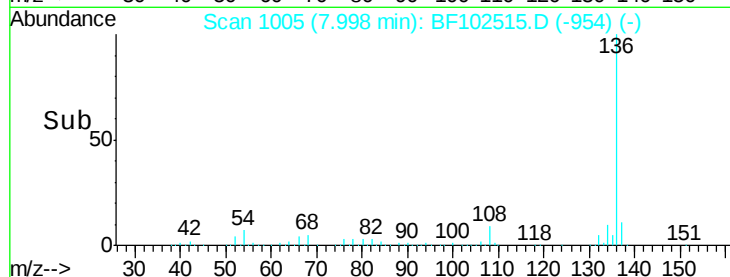


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.897 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

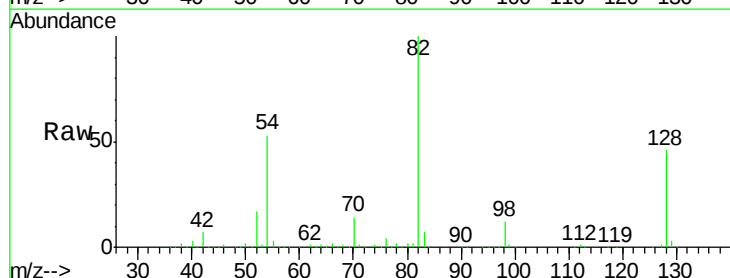
Tgt Ion: 82 Resp: 719869

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

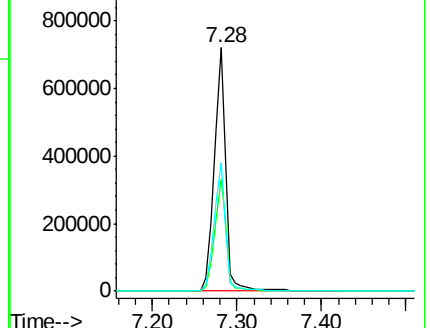
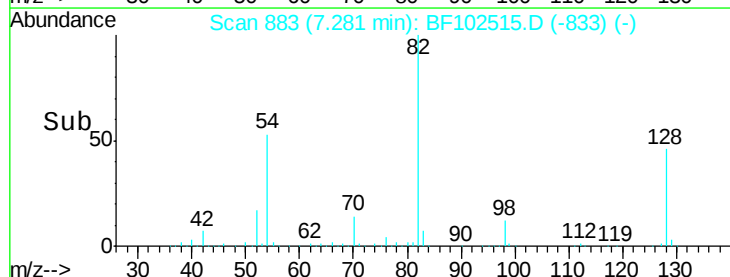
54 53.0 41.4 62.2

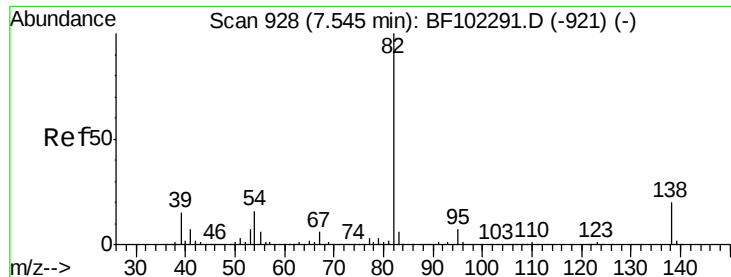


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.601 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

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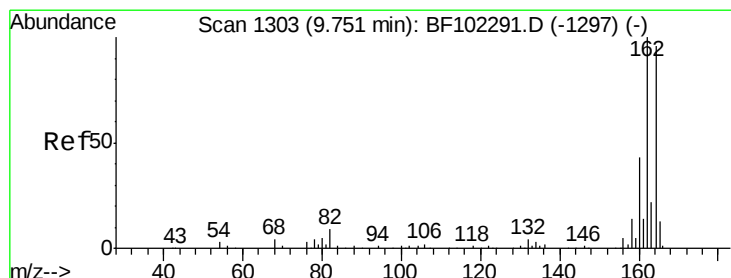
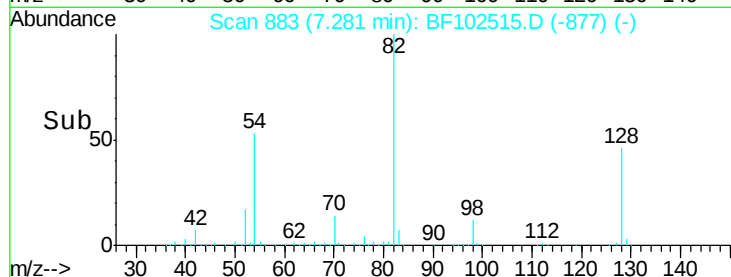
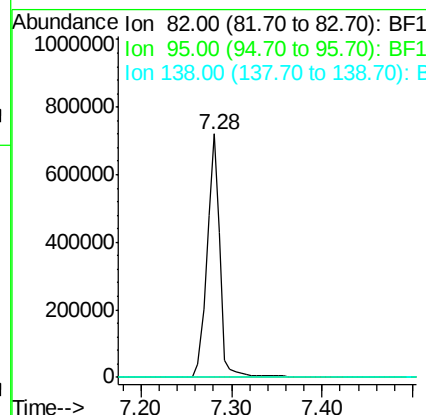
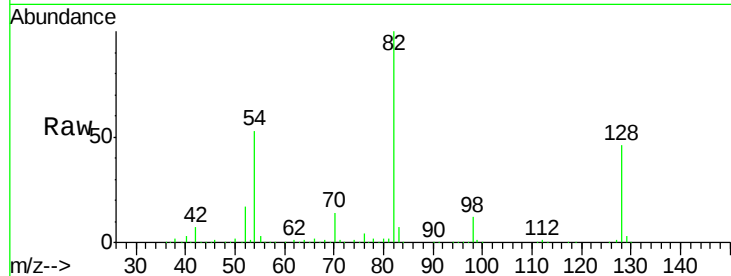
Tgt Ion: 82 Resp: 704012

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

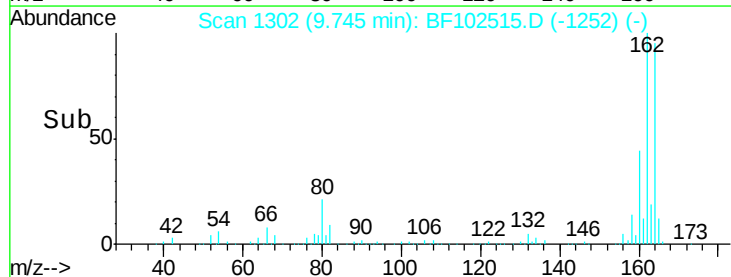
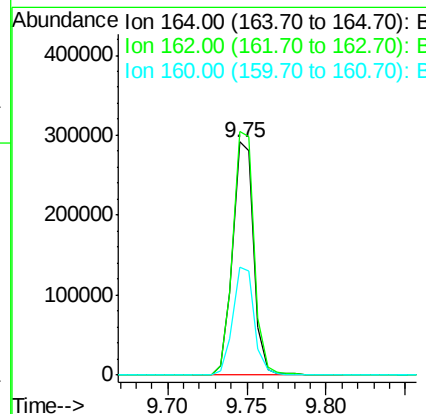
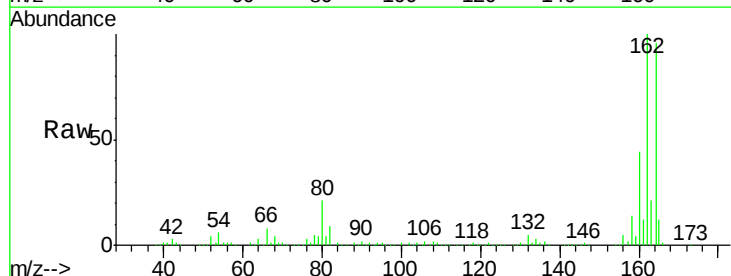
Tgt Ion: 164 Resp: 269927

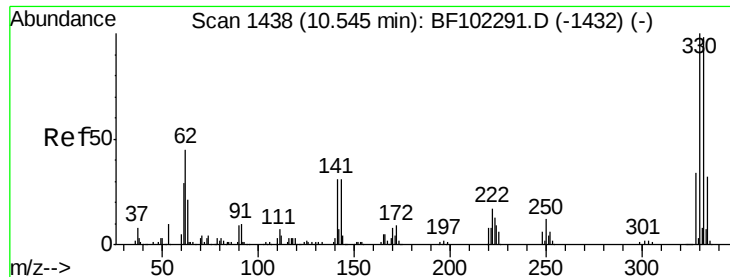
Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

160 46.2 38.3 57.5

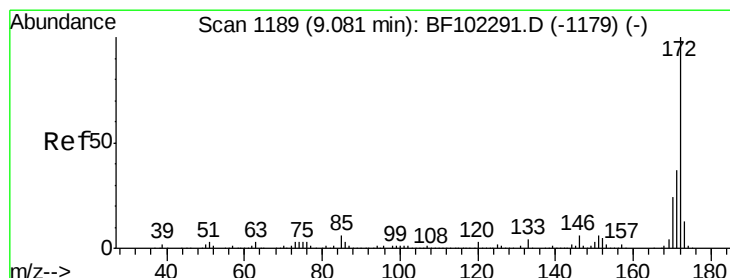
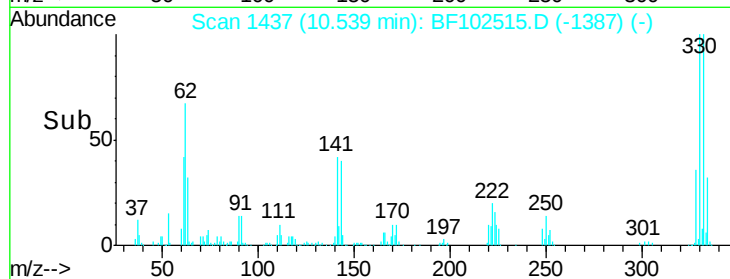
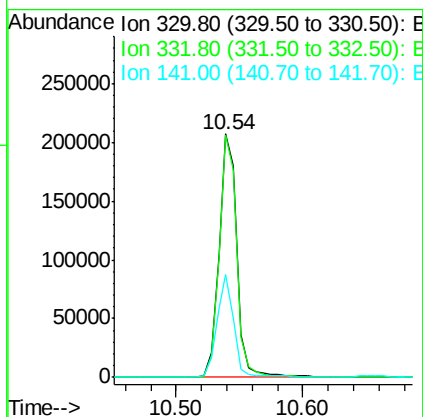
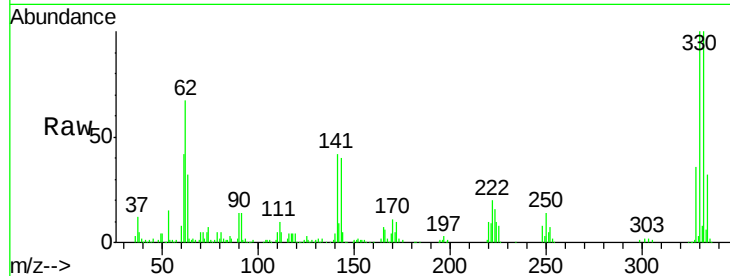




#41
 2,4,6-Tribromophenol
 Concen: 76.179 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102515.D
 Acq: 27 Jan 2018 17:32

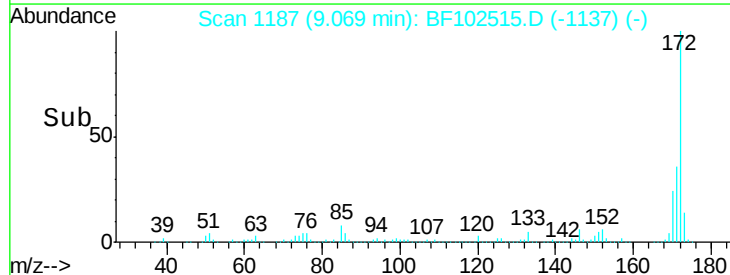
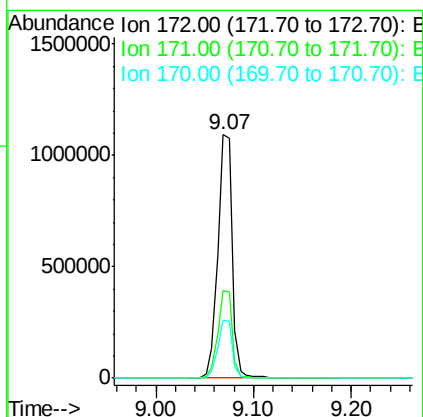
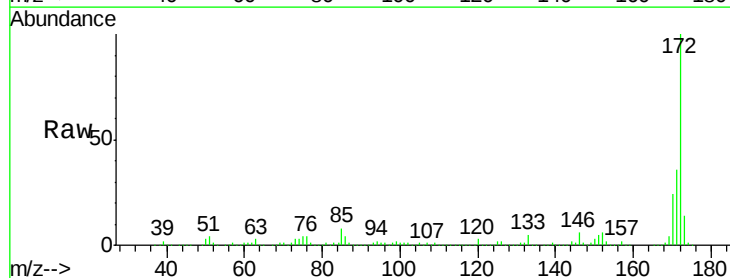
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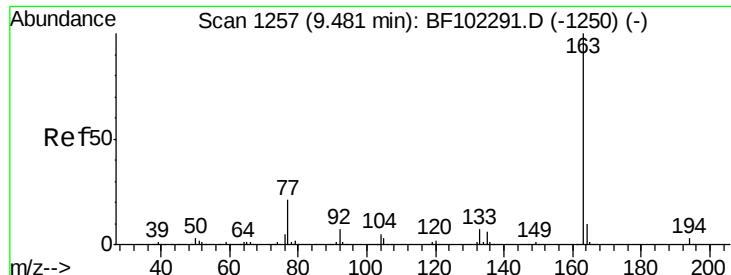
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 61.248 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102515.D
 Acq: 27 Jan 2018 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

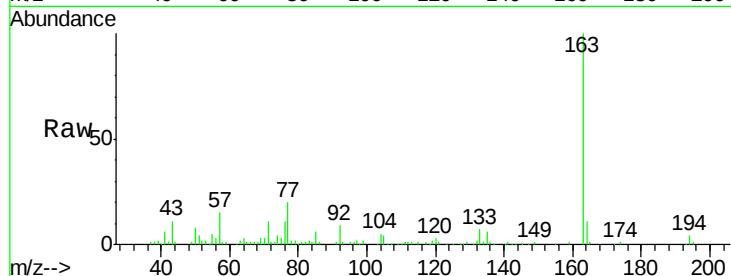




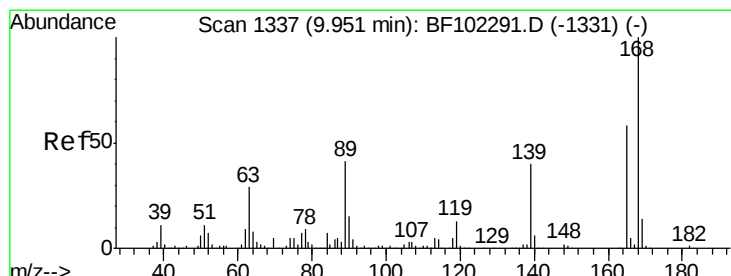
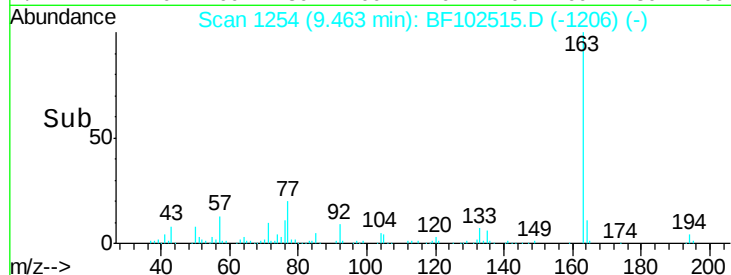
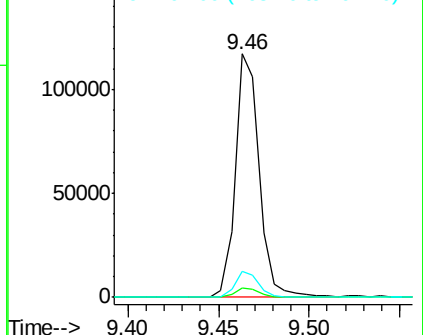
#49
Dimethylphthalate
Concen: 4.823 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102515.D
Acq: 27 Jan 2018 17:32

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-A

Tgt Ion:163 Resp: 107615
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.2 12.2

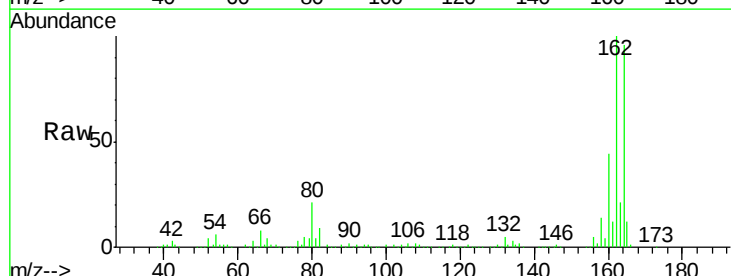


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

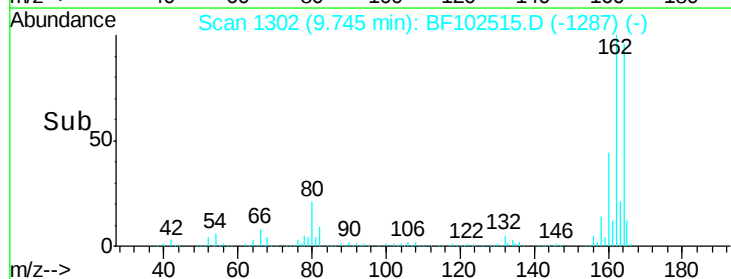
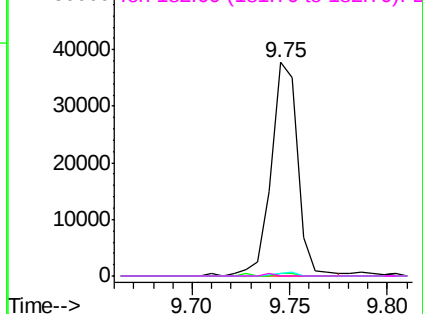


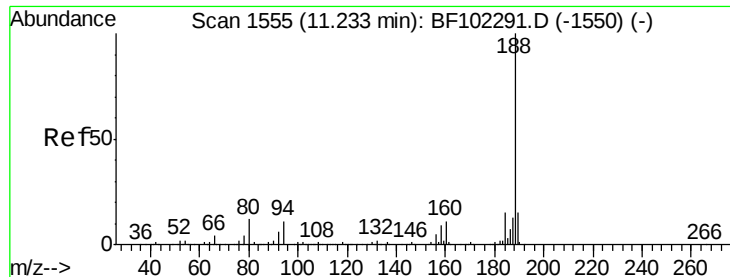
#56
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102515.D
Acq: 27 Jan 2018 17:32

Tgt Ion:165 Resp: 35611
Ion Ratio Lower Upper
165 100
63 1.5 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: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-A

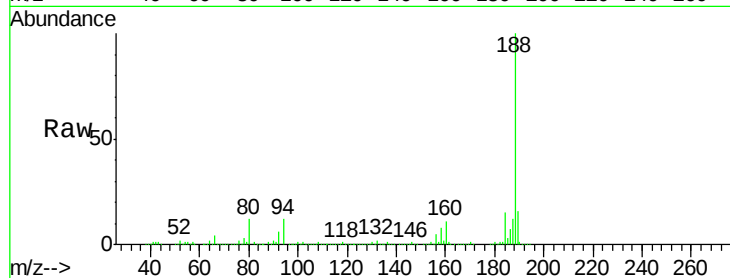
Tgt Ion:188 Resp: 409352

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

80 11.8 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

600000

500000

400000

300000

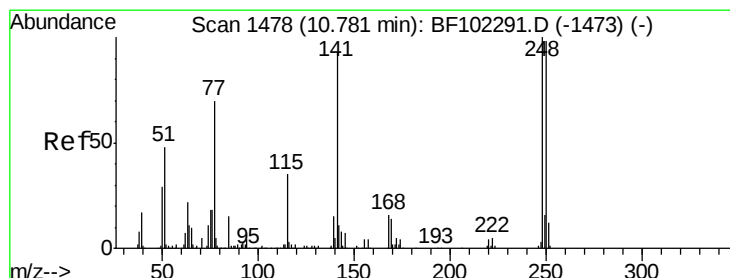
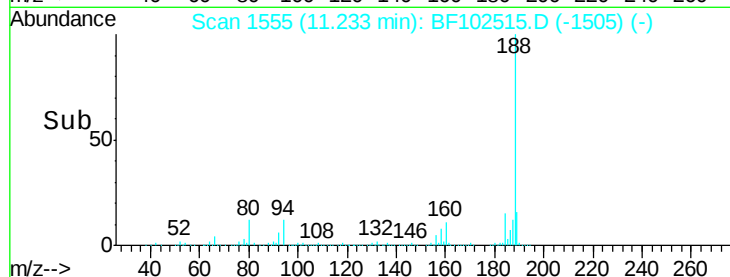
200000

100000

0

11.20 11.23 11.30 11.40

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.266 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.24 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

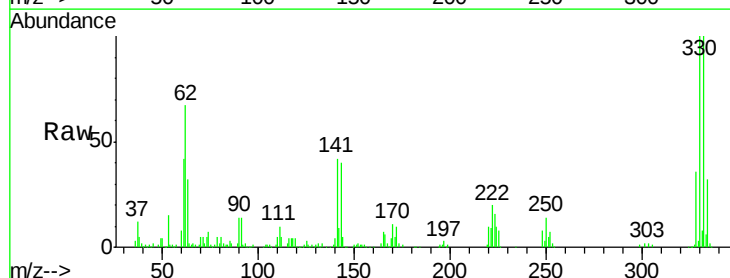
Tgt Ion:248 Resp: 14393

Ion Ratio Lower Upper

248 100

250 177.2 76.9 115.3#

141 531.8 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

120000

100000

80000

60000

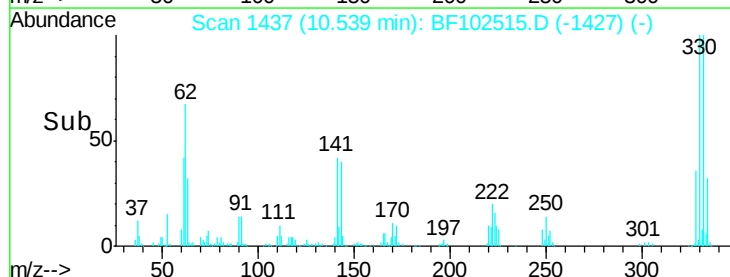
40000

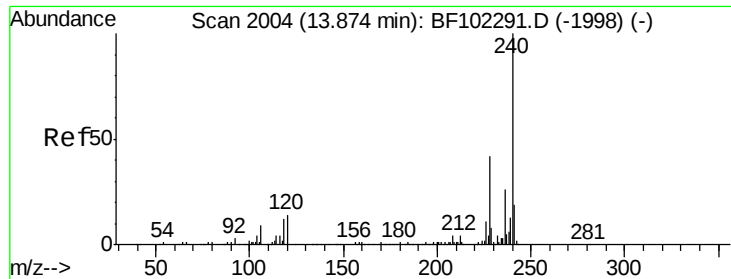
20000

0

10.50 10.54 10.55

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-A

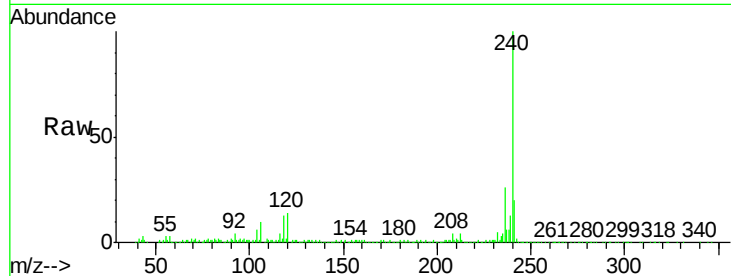
Tgt Ion:240 Resp: 280774

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

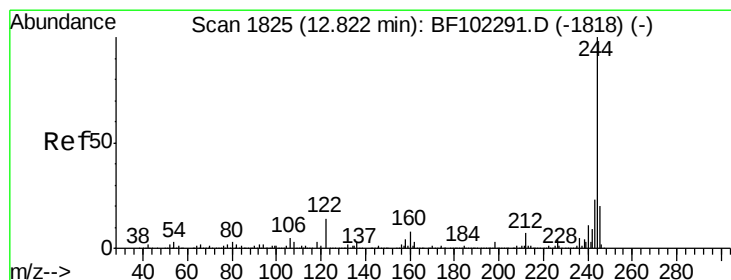
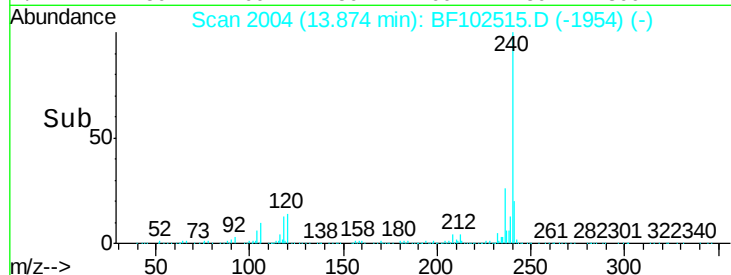
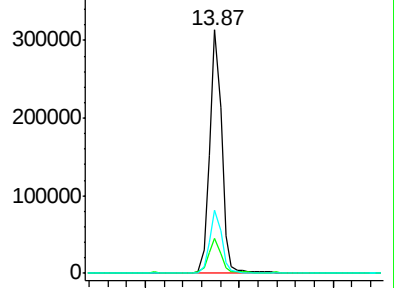
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 60.132 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

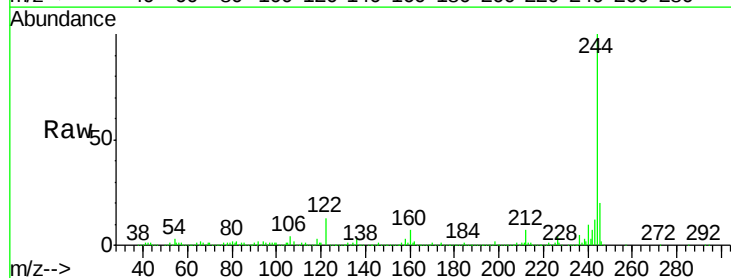
Tgt Ion:244 Resp: 748925

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

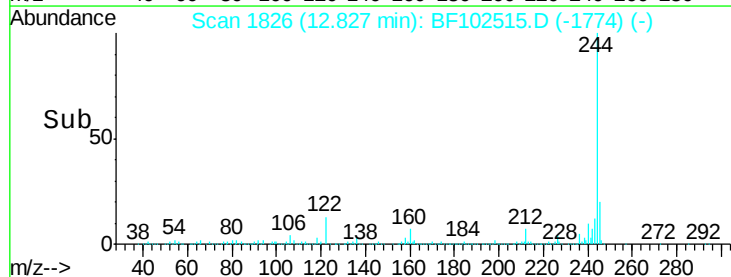
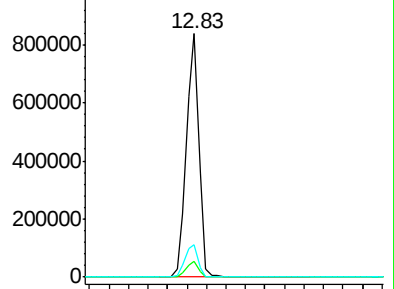
122 13.2 11.0 16.4

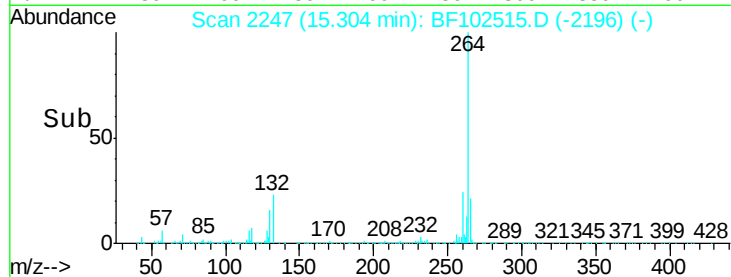
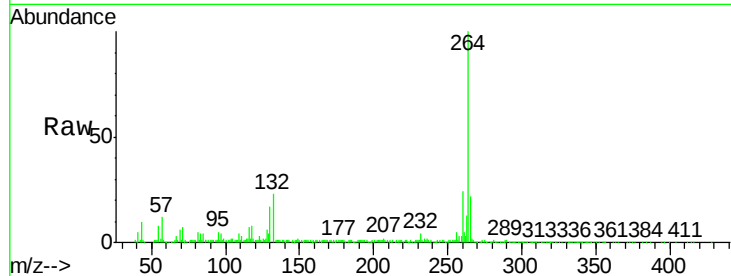
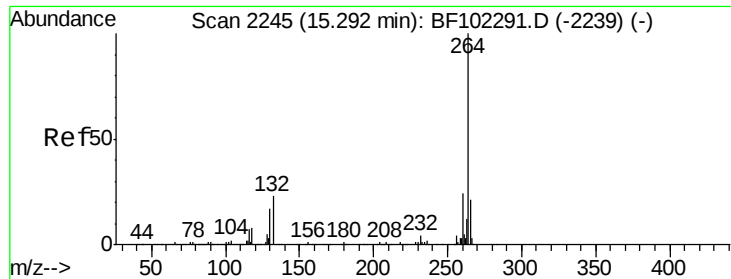


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF102515.D

Acq: 27 Jan 2018 17:32

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-A

Tgt Ion: 264 Resp: 271155

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 17.5 26.3

