

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102519.D
 Acq On : 27 Jan 2018 19:20
 Operator : SJ/JU
 Sample : J1009-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 27 21:01:08 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

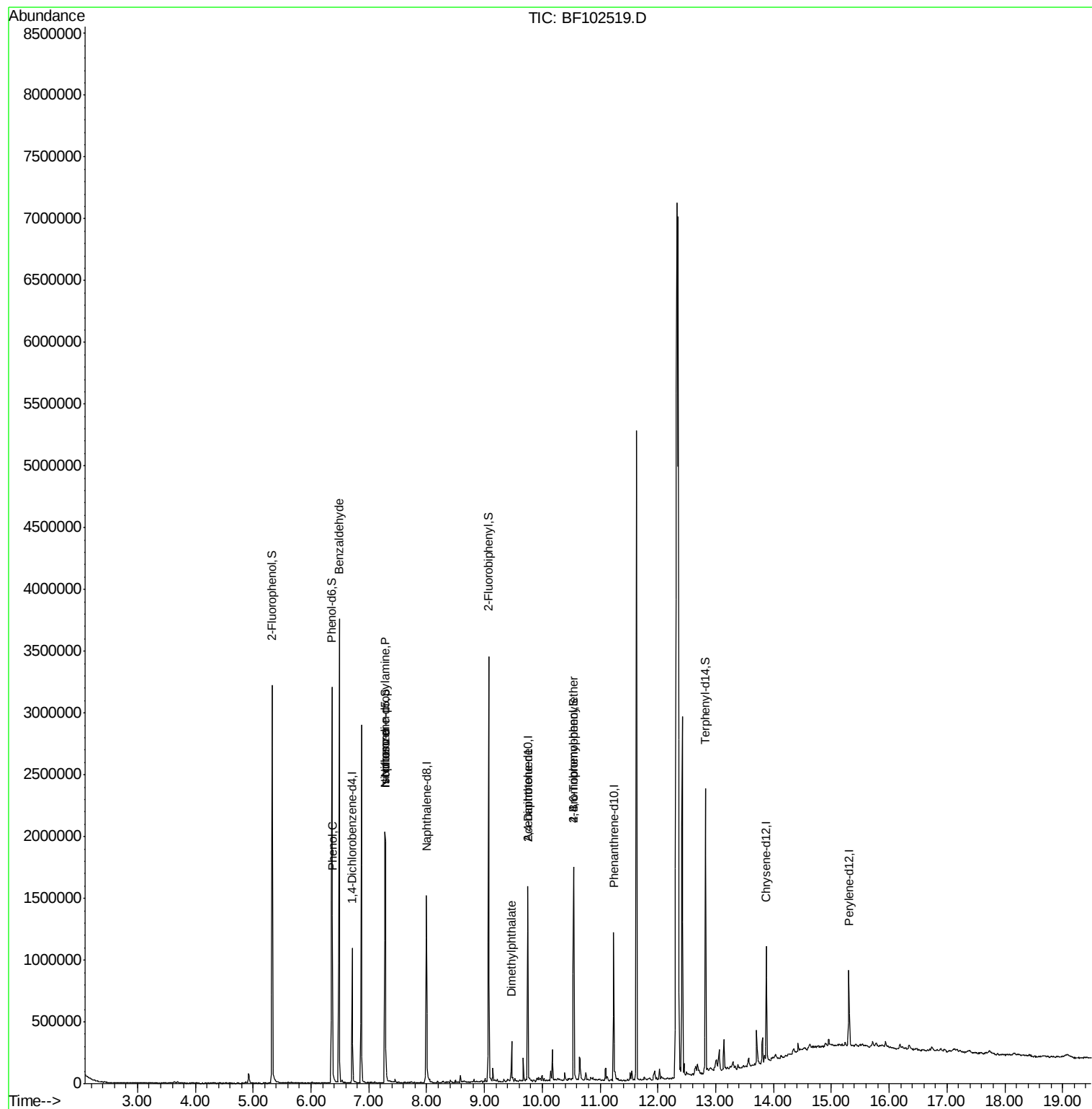
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176332	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	708502	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	302026	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	454531	20.00	ng	0.00
75) Chrysene-d12	13.87	240	306686	20.00	ng	0.00
86) Perylene-d12	15.30	264	276269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1011713	87.00	ng	0.00
7) Phenol-d6	6.36	99	1195714	85.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	752126	61.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	209023	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1095789	53.35	ng	0.00
78) Terphenyl-d14	12.82	244	739637	54.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20706	2.162	ng	Qvalue 84
10) Phenol	6.37	94	50165	3.277	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	101012	11.773	ng	# 80
25) Isophorone	7.28	82	745004	33.896	ng	# 64
49) Dimethylphthalate	9.47	163	117857	4.721	ng	99
56) 2,4-Dinitrotoluene	9.75	165	39992	6.042	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	14270	2.916	ng	# 1

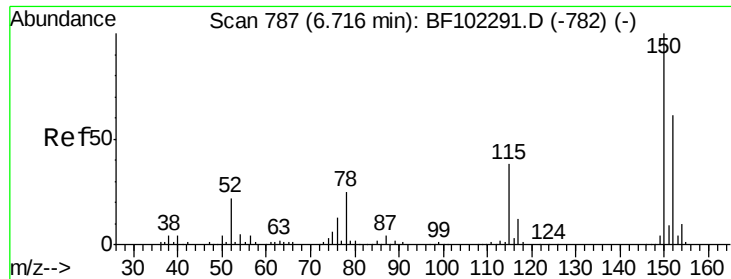
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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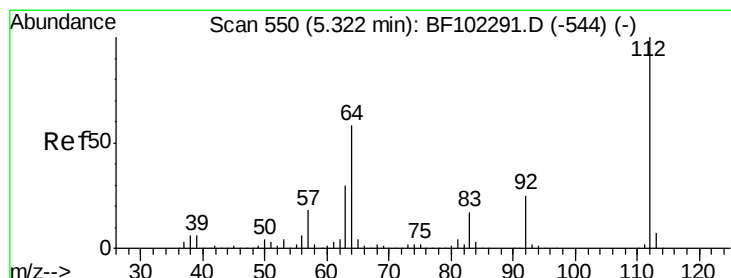
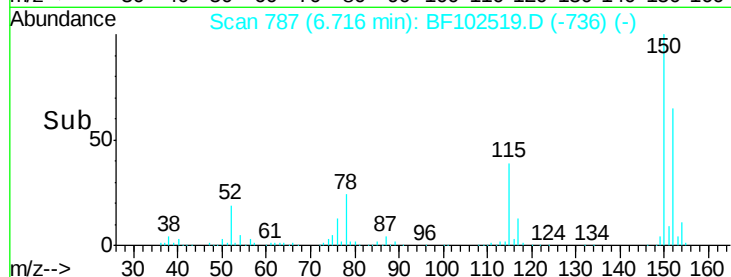
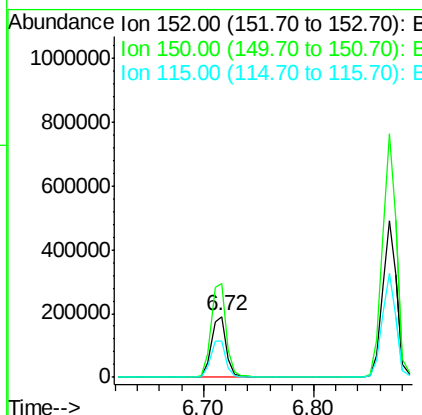
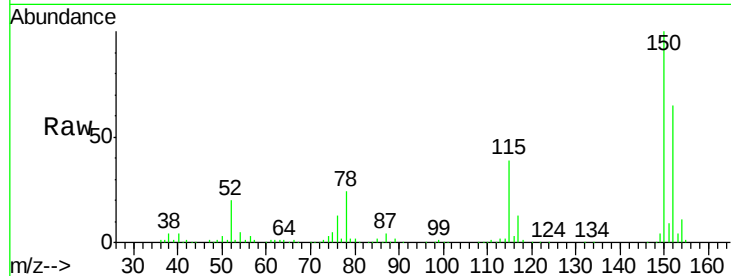


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

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

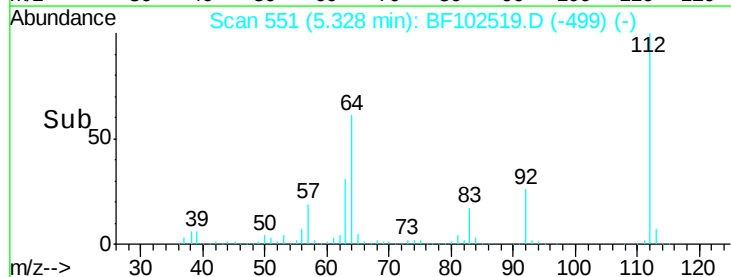
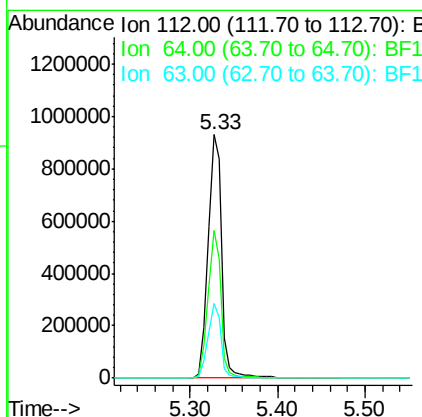
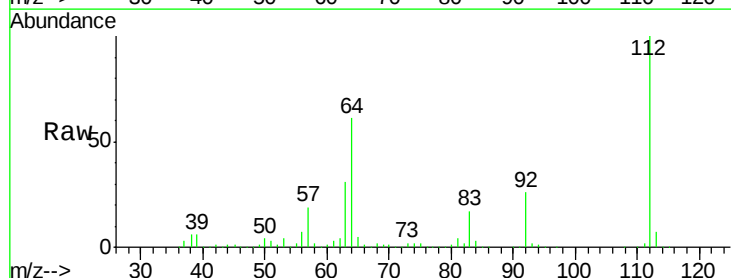
Tgt Ion:152 Resp: 176332
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 60.5 50.1 75.1

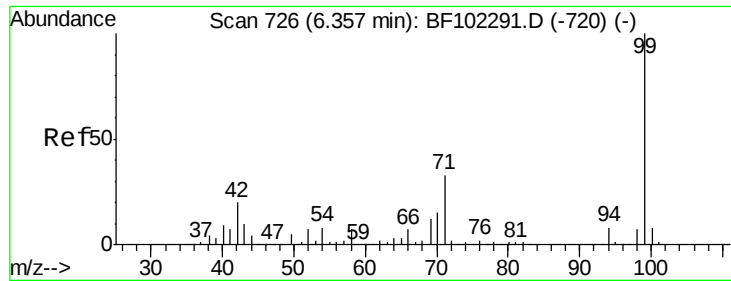


#5

2-Fluorophenol
Concen: 86.996 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

Tgt Ion:112 Resp: 1011713
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 85.285 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-C

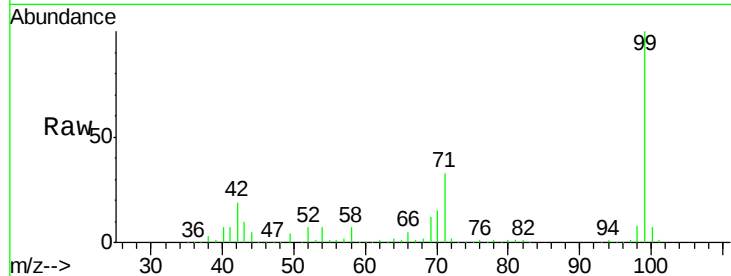
Tgt Ion: 99 Resp: 1195714

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

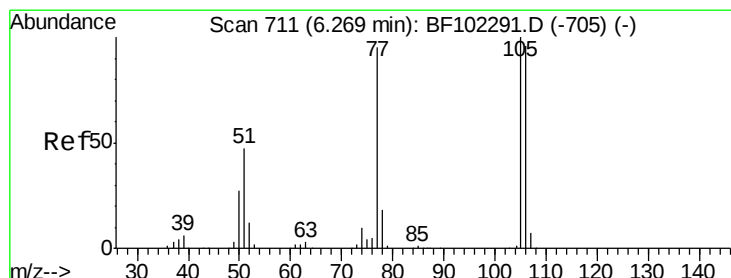
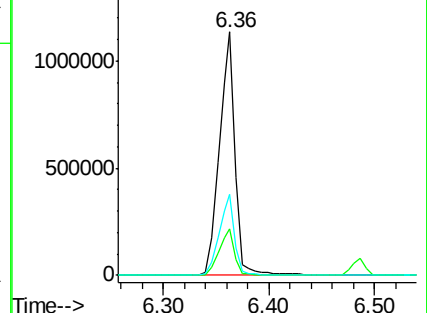
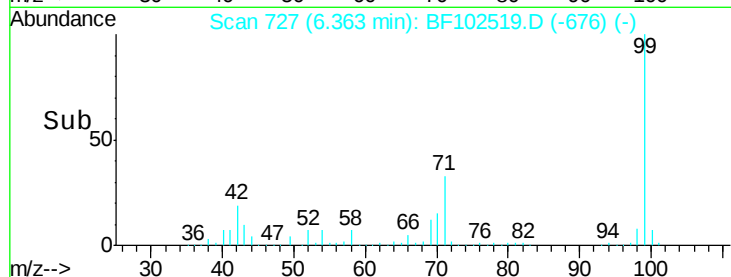
71 33.3 25.4 38.0



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: 2.162 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

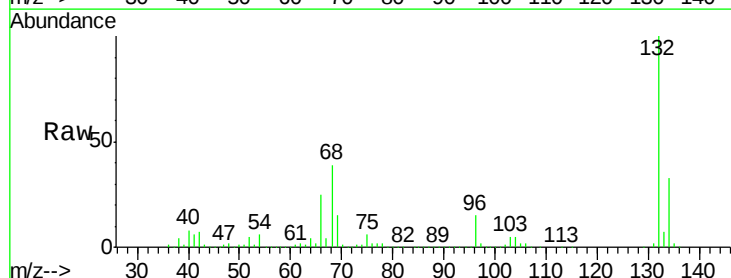
Tgt Ion: 77 Resp: 20706

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

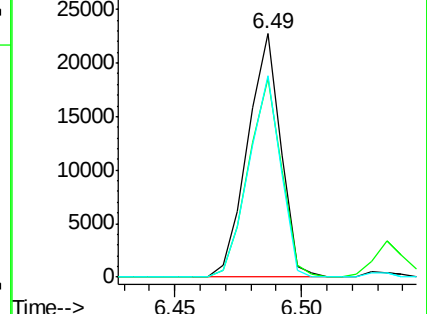
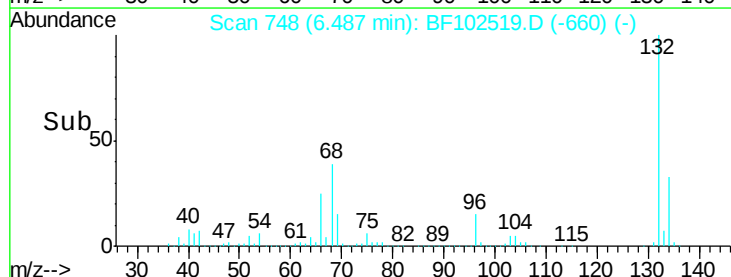
106 83.0 74.5 114.5

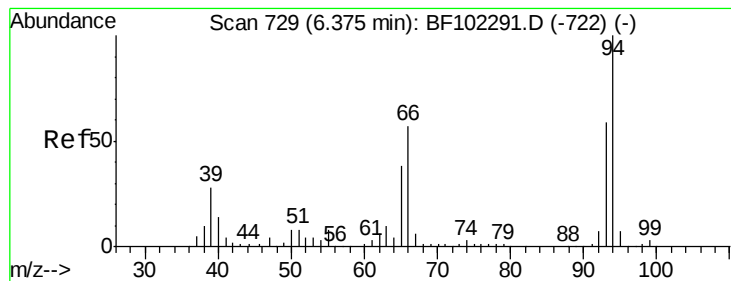


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.277 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

Instrument :

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AU-05-012518-C

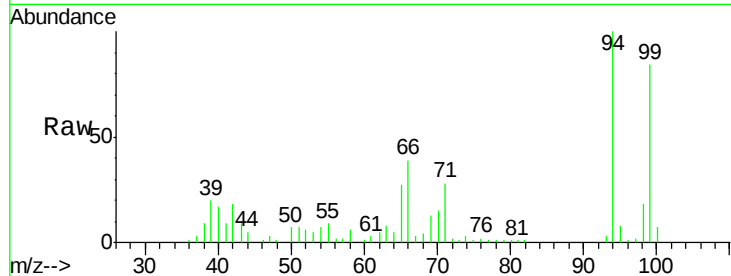
Tgt Ion: 94 Resp: 50165

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 39.0 16.2 56.2

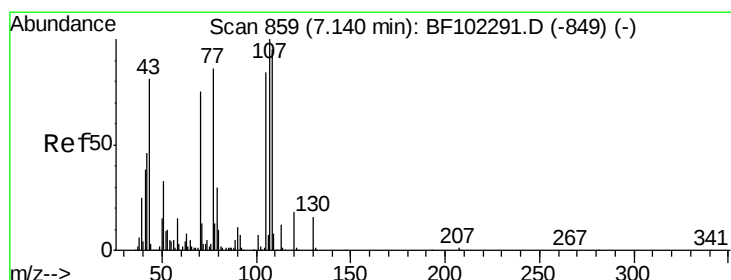
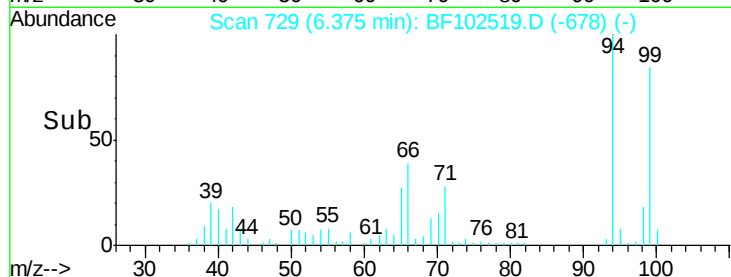
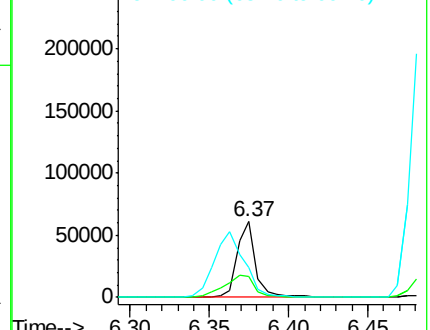


Abundance

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: 11.773 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

Tgt Ion: 70 Resp: 101012

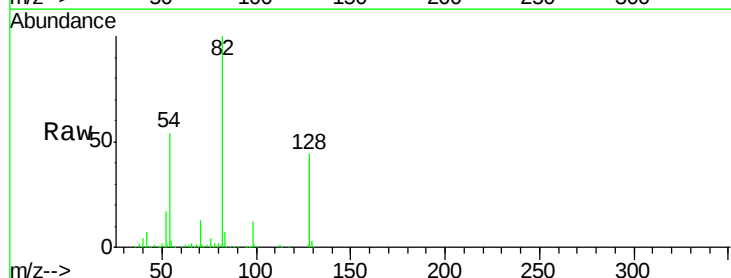
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



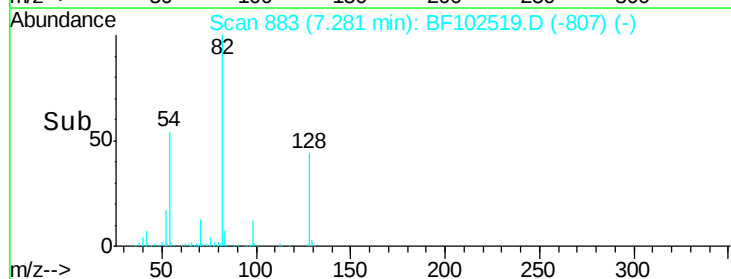
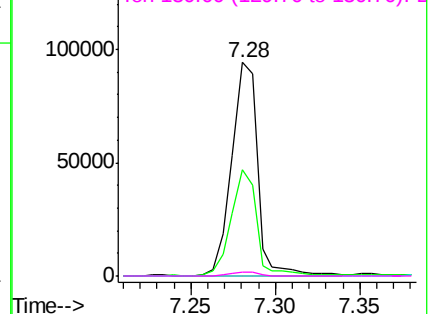
Abundance

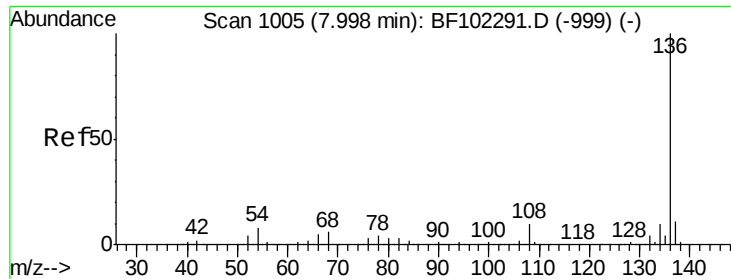
Ion 70.00 (69.70 to 70.70): BF1

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

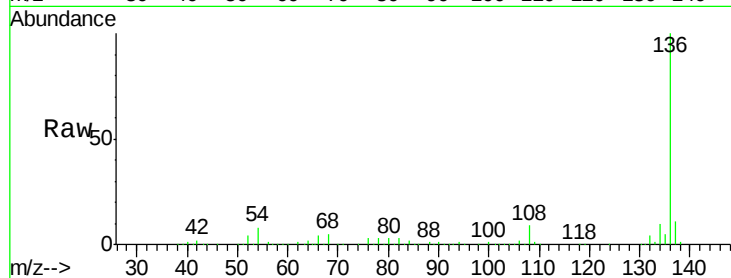




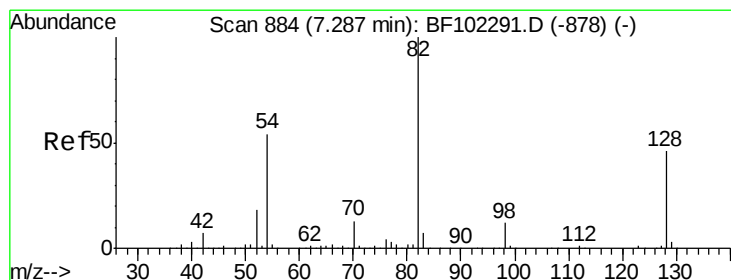
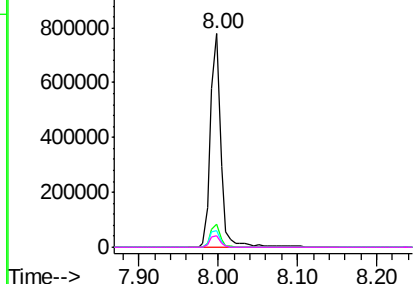
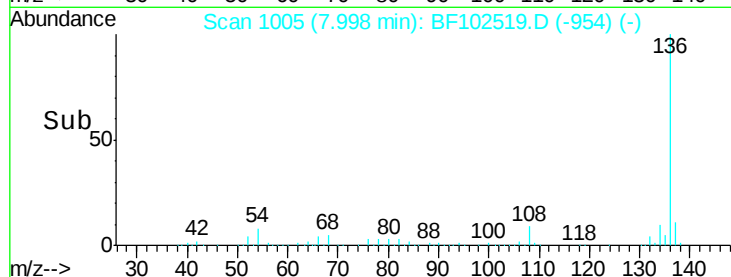
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

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AU-05-012518-C

Tgt Ion:	136	Resp:	708502
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	5.4	5.0	7.4

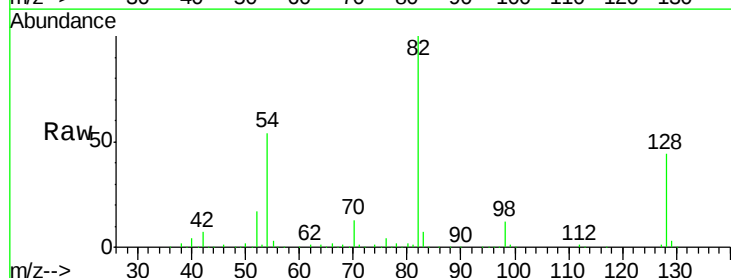


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

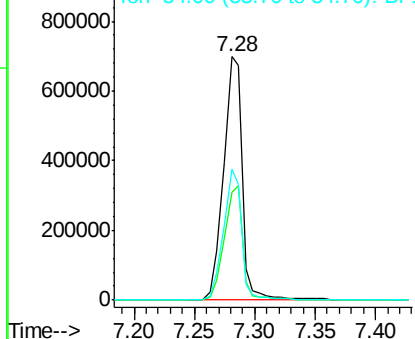
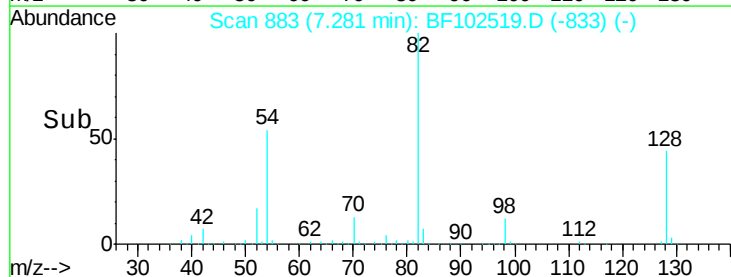


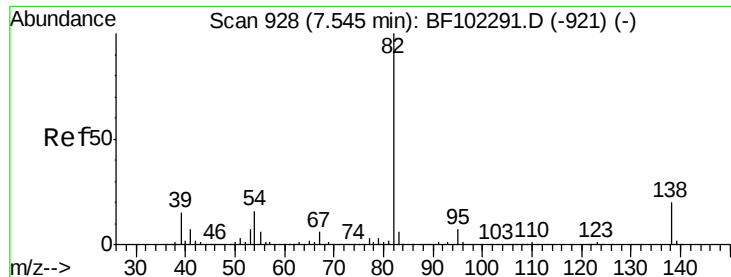
#23
Nitrobenzene-d5
Concen: 61.005 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

Tgt Ion:	82	Resp:	752126
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	53.8	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: 33.896 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-C

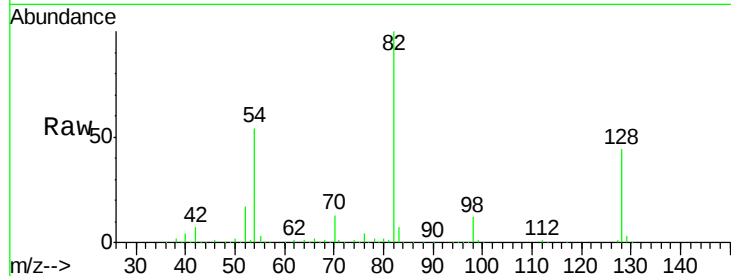
Tgt Ion: 82 Resp: 745004

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

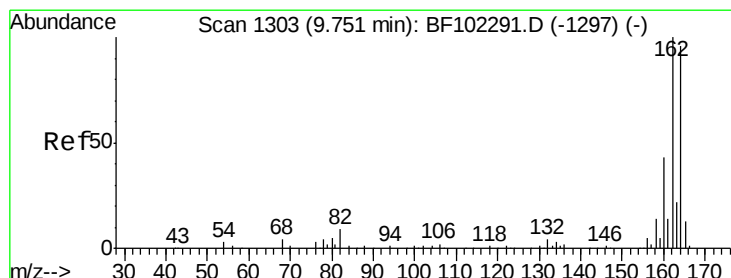
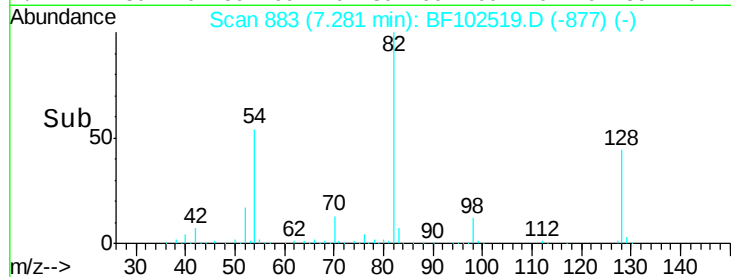
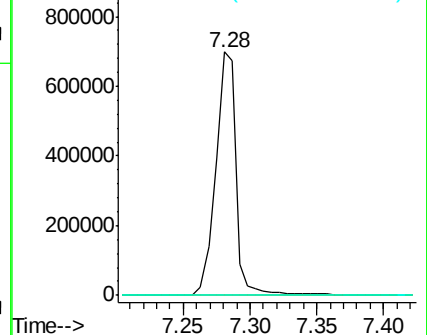
138 0.0 14.9 22.3#



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: BF102519.D

Acq: 27 Jan 2018 19:20

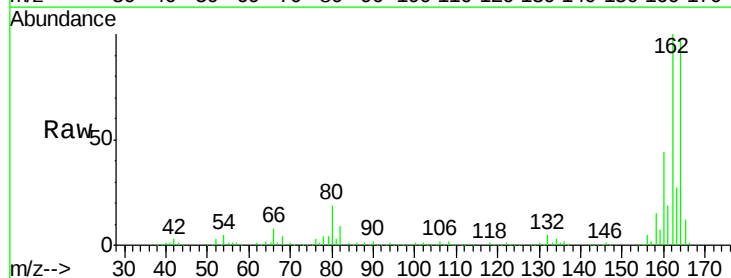
Tgt Ion: 164 Resp: 302026

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

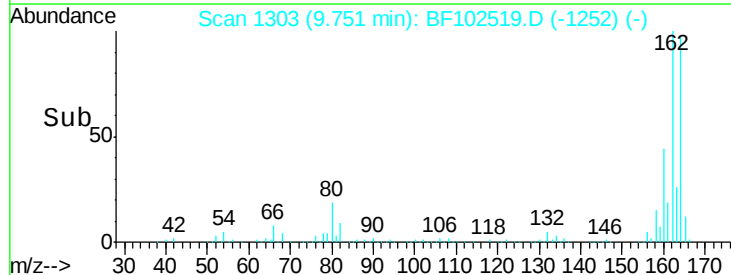
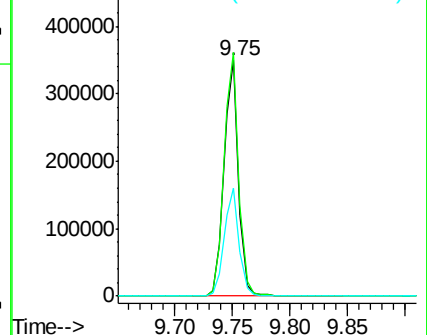
160 45.6 38.3 57.5

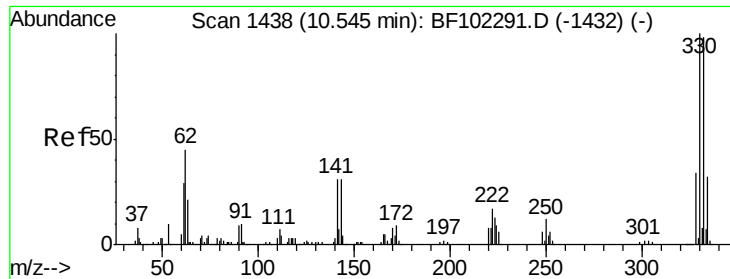


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

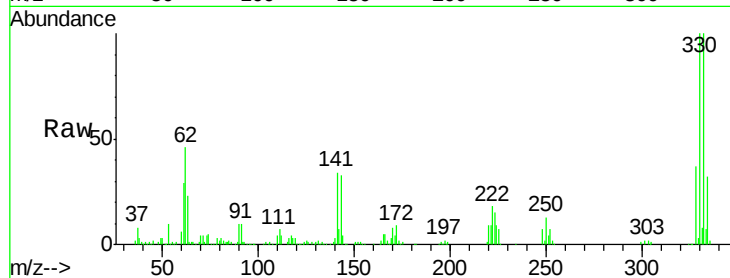




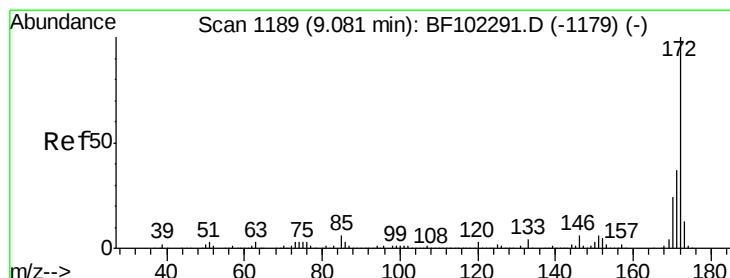
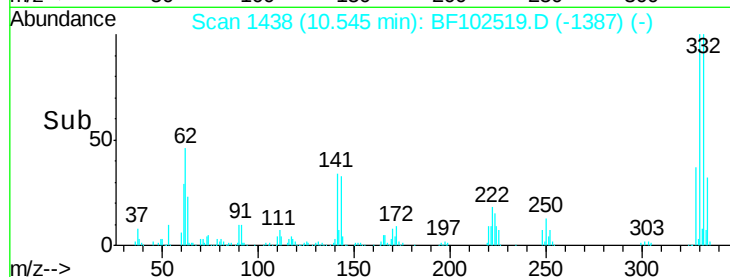
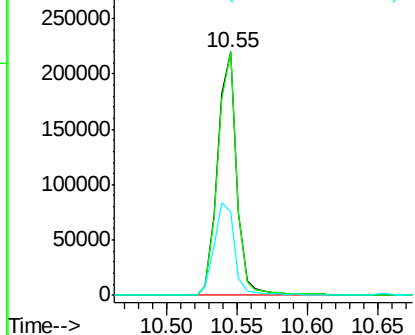
#41
 2,4,6-Tribromophenol
 Concen: 69.846 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102519.D
 Acq: 27 Jan 2018 19:20

Instrument :
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 AU-05-012518-C

Tgt Ion:330 Resp: 209023
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.0 115.6
 141 41.4 29.9 44.9

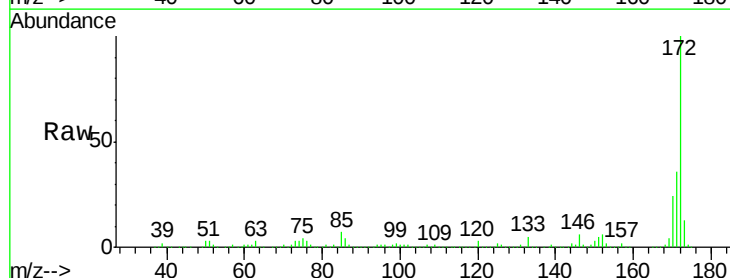


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

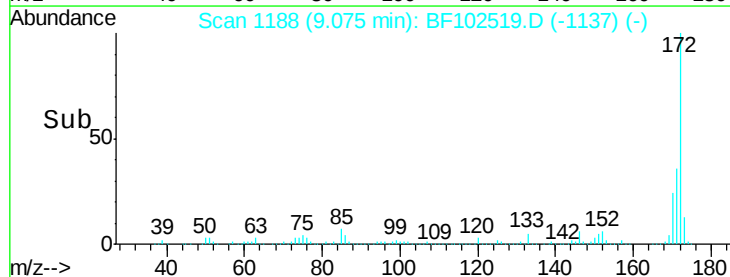
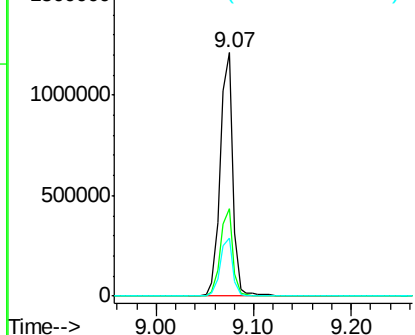


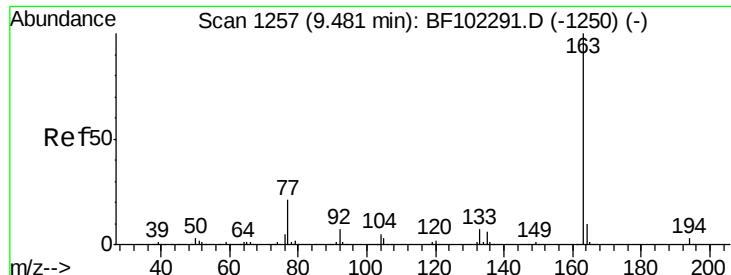
#44
 2-Fluorobiphenyl
 Concen: 53.346 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102519.D
 Acq: 27 Jan 2018 19:20

Tgt Ion:172 Resp: 1095789
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 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

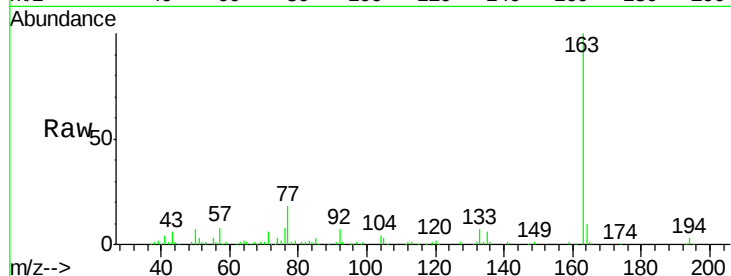




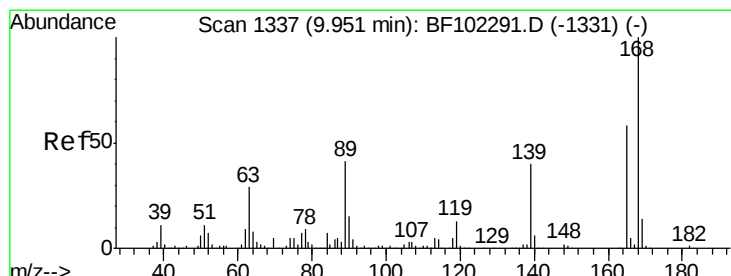
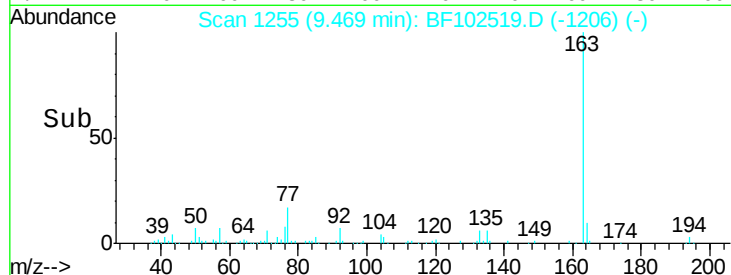
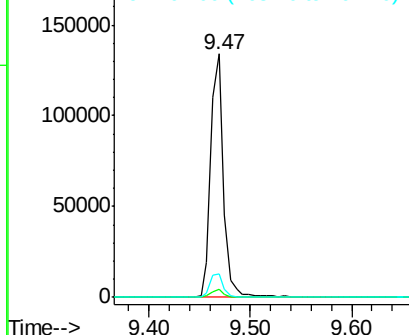
#49
Dimethylphthalate
Concen: 4.721 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

Instrument :
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AU-05-012518-C

Tgt Ion:163 Resp: 117857
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.2 12.2

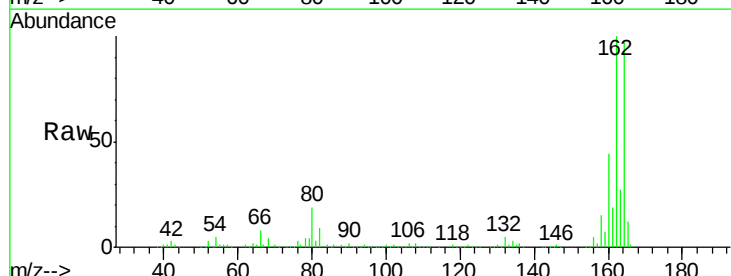


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

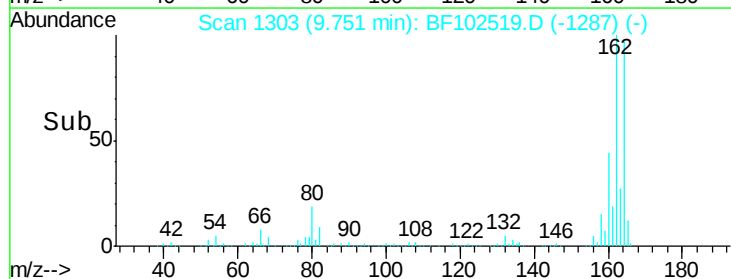
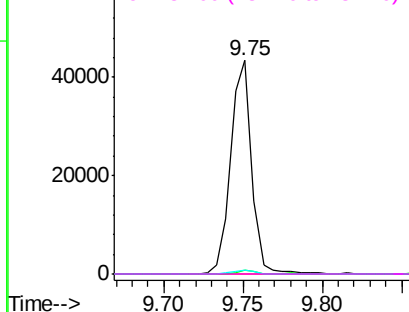


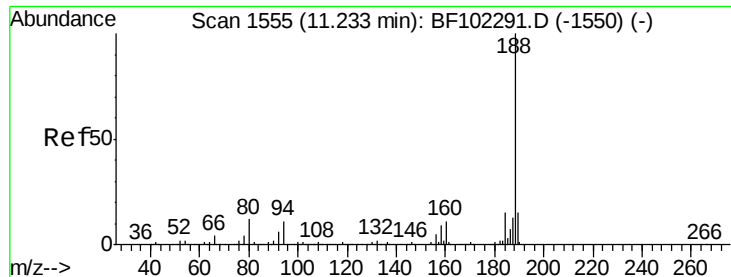
#56
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

Tgt Ion:165 Resp: 39992
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.9 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

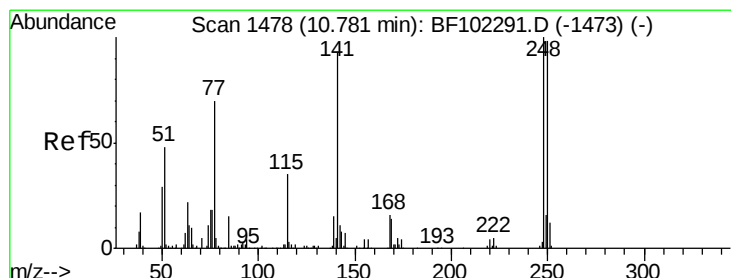
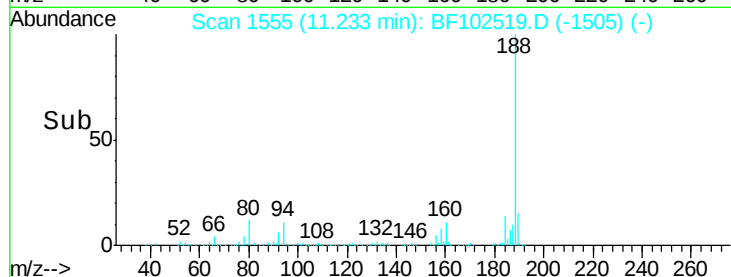
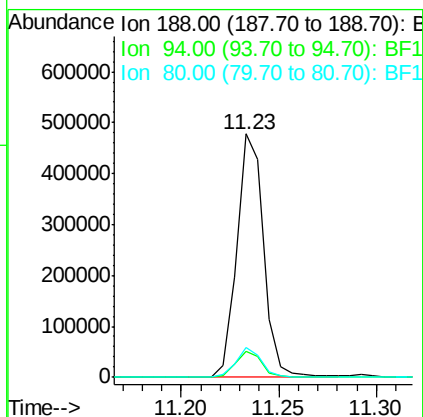
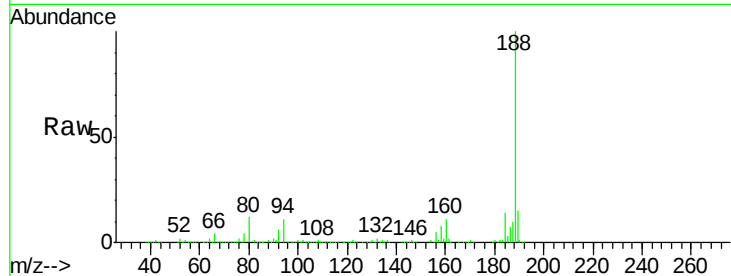




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

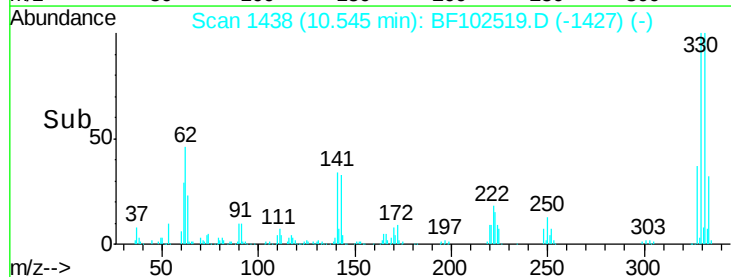
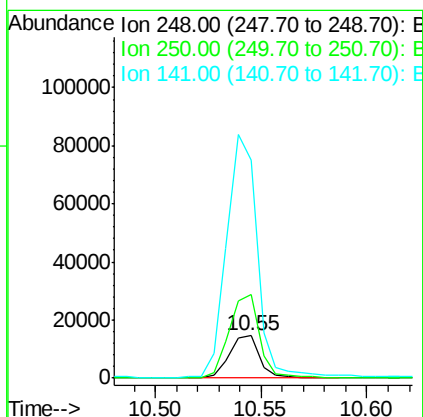
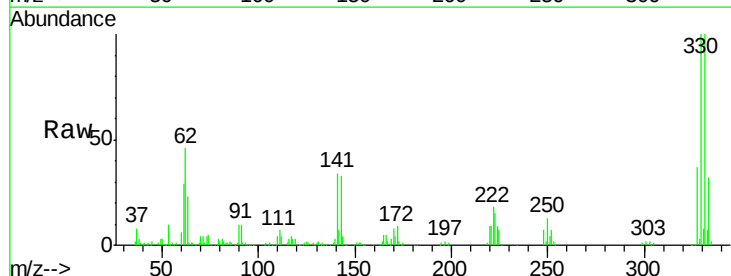
Instrument :
BNA_F
ClientSampleId :
AU-05-012518-C

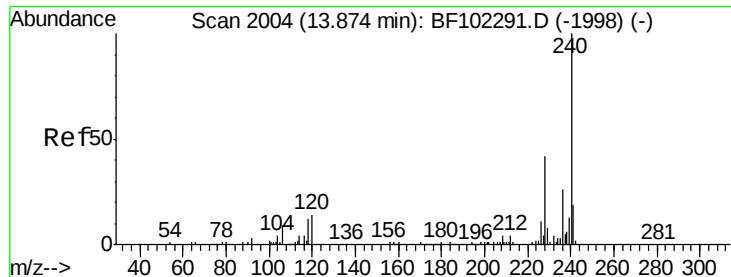
Tgt Ion:188 Resp: 454531
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.916 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

Tgt Ion:248 Resp: 14270
Ion Ratio Lower Upper
248 100
250 198.0 76.9 115.3#
141 514.9 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: BF102519.D

Acq: 27 Jan 2018 19:20

Instrument :

BNA_F

ClientSampleId :

AU-05-012518-C

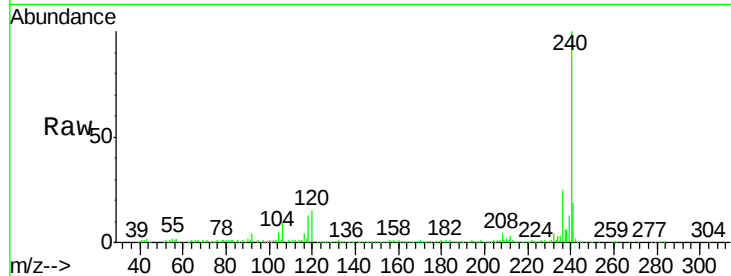
Tgt Ion:240 Resp: 306686

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

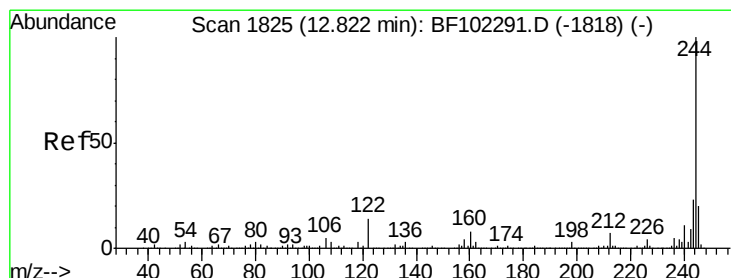
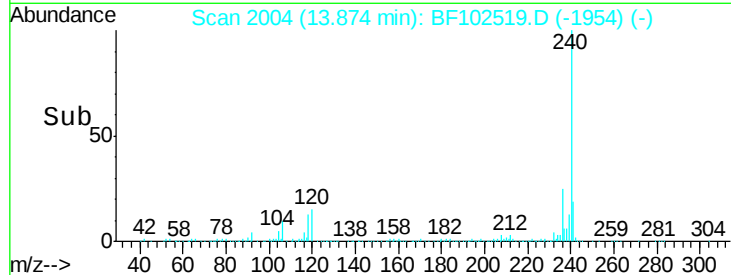
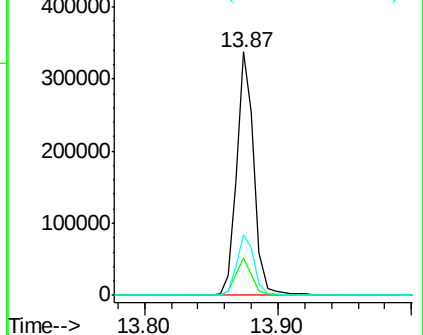
236 25.1 20.7 31.1



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: 54.369 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102519.D

Acq: 27 Jan 2018 19:20

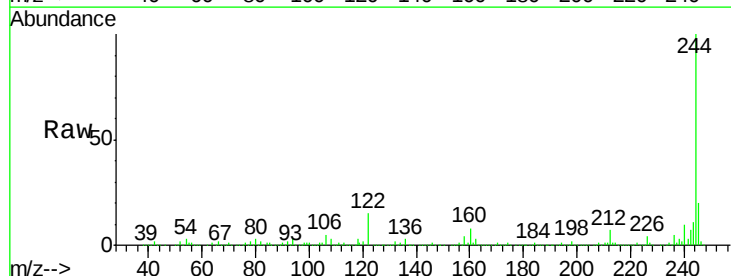
Tgt Ion:244 Resp: 739637

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

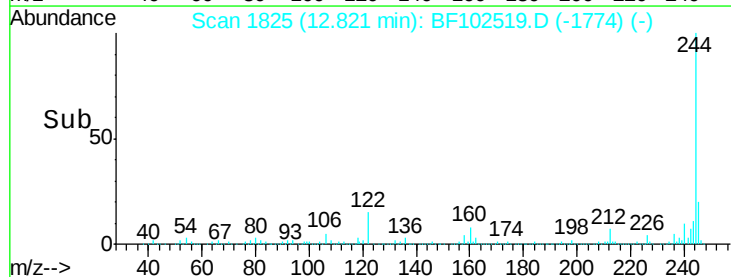
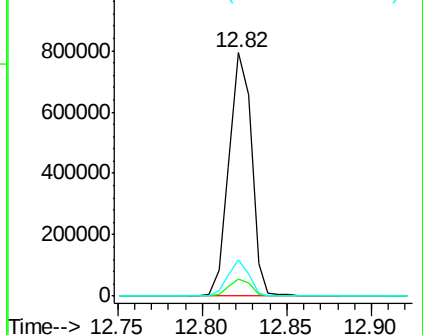
122 14.8 11.0 16.4

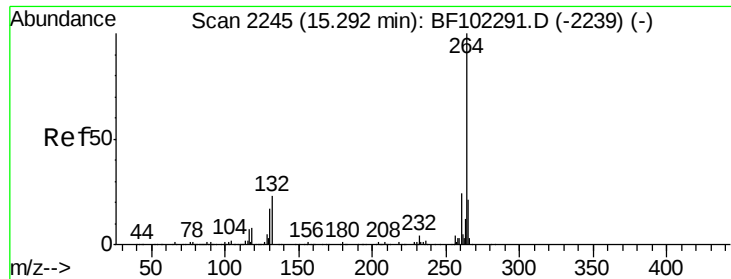


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102519.D
Acq: 27 Jan 2018 19:20

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

Tgt Ion: 264 Resp: 276269
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 20.7 17.5 26.3

