

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101923.D
 Acq On : 5 Jan 2018 12:19
 Operator : SJ/JU
 Sample : J1027-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251608

Quant Time: Jan 05 13:10:21 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

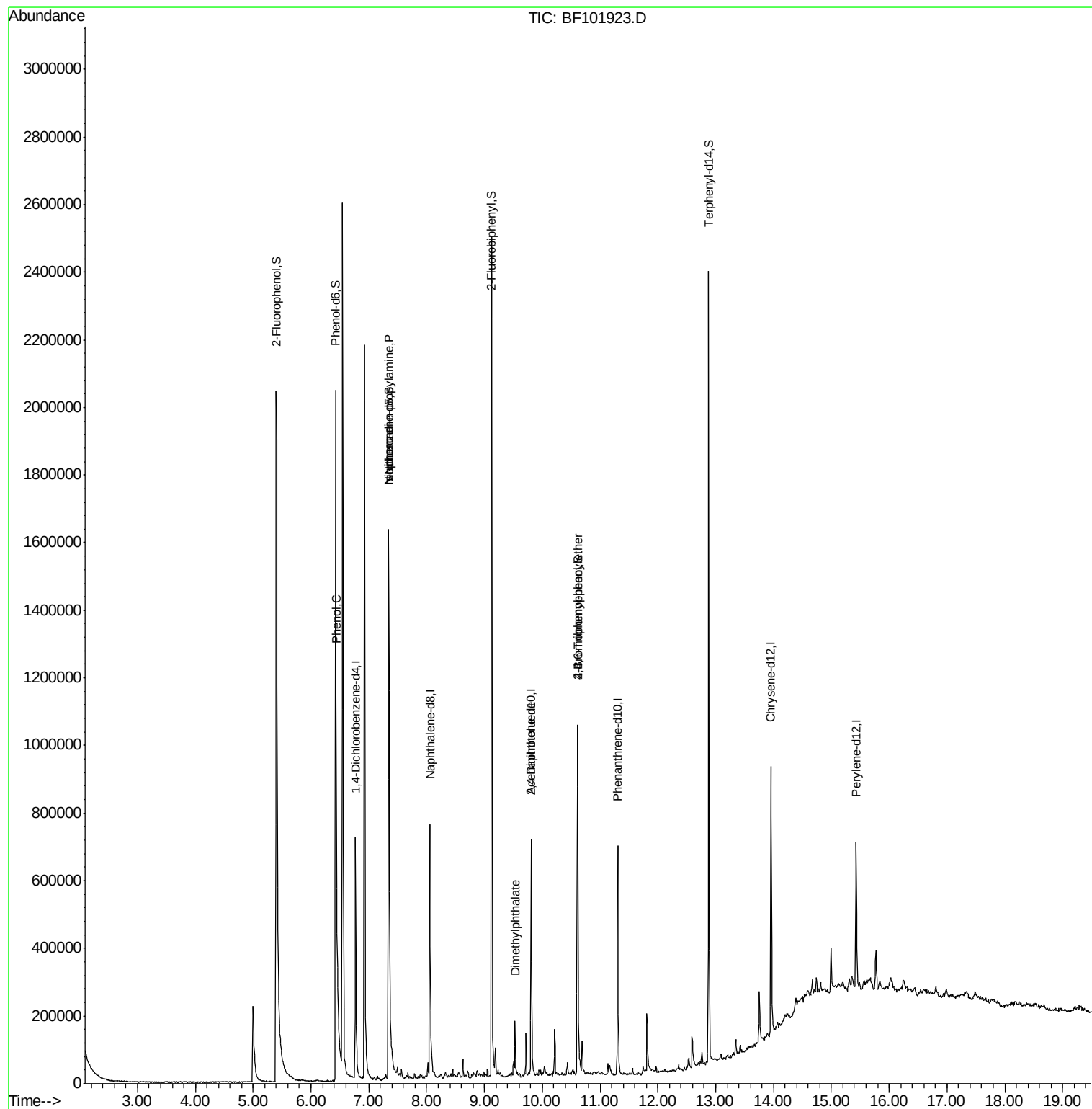
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125911	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	441269	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	145319	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	262250	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	290324	20.00	ng	-0.02
86) Perylene-d12	15.43	264	236364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1003512	118.72	ng	0.00
7) Phenol-d6	6.43	99	1156774	109.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	703897	88.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	134723	96.21	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	859851	91.79	ng	-0.02
78) Terphenyl-d14	12.88	244	787649	65.40	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	40933	3.414	ng	# 21
19) n-Nitroso-di-n-propylamine	7.35	70	97209	14.071	ng	# 83
25) Isophorone	7.35	82	703897	44.264	ng	# 64
49) Dimethylphthalate	9.53	163	68758	5.882	ng	# 99
56) 2,4-Dinitrotoluene	9.81	165	19070	7.125	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	9164	3.110	ng	# 1

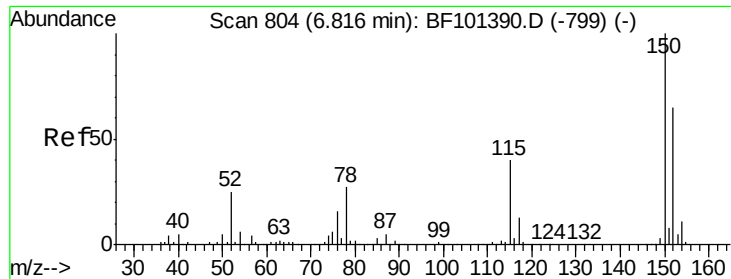
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101923.D
Acq On : 5 Jan 2018 12:19
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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
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Quant Time: Jan 05 13:10:21 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

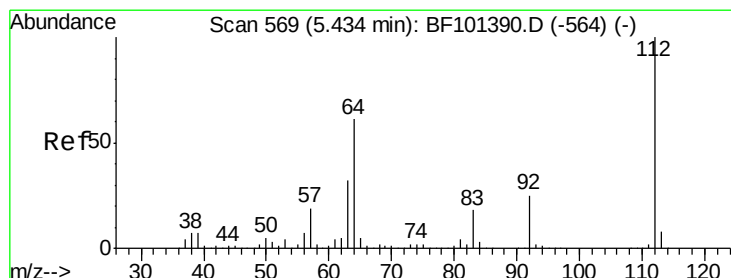
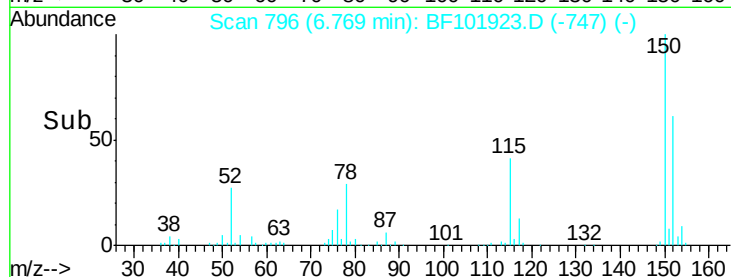
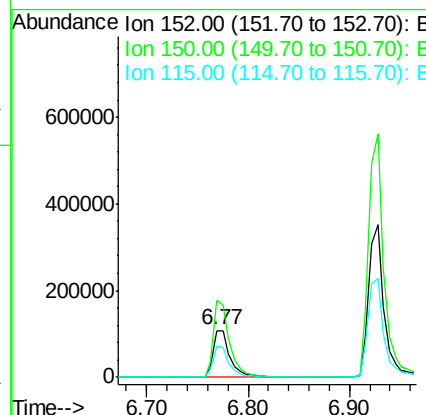
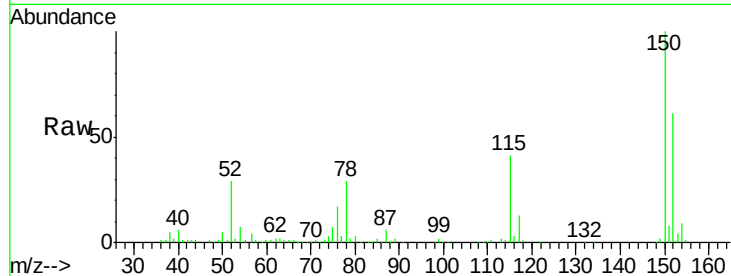




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF101923.D
 Acq: 5 Jan 2018 12:19

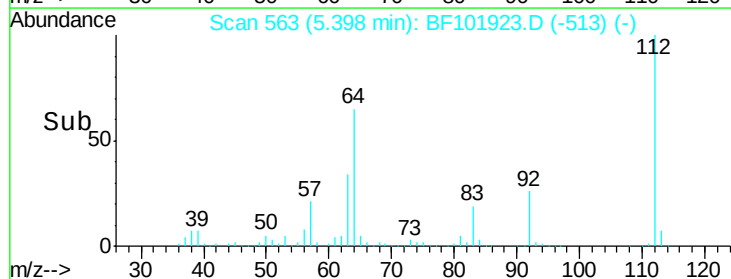
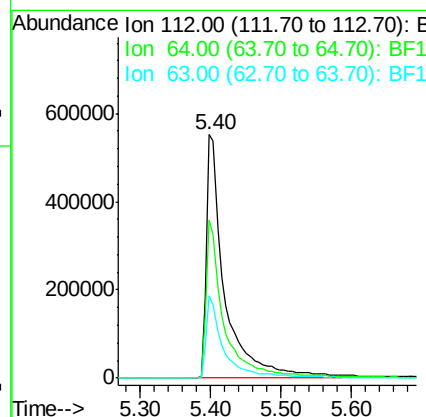
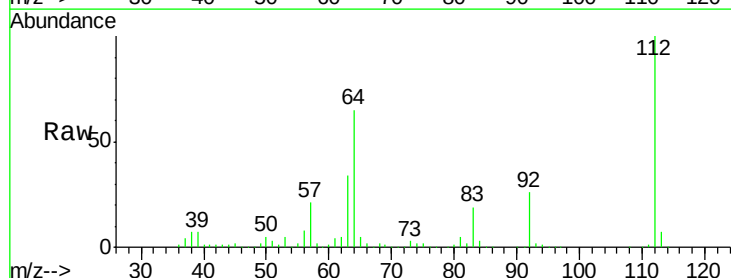
Instrument :
 BNA_F
 ClientSampleId :
 RBR251608

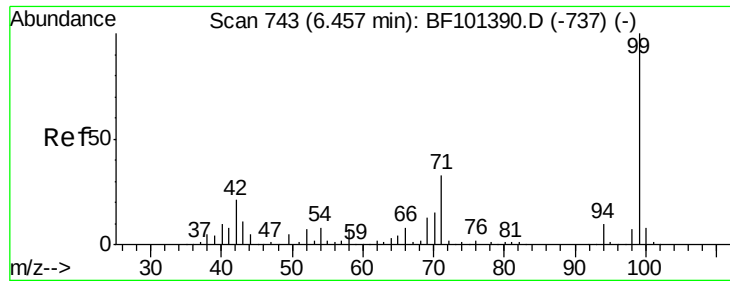
Tgt Ion:152 Resp: 125911
 Ion Ratio Lower Upper
 152 100
 150 163.0 124.6 186.8
 115 66.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 118.720 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF101923.D
 Acq: 5 Jan 2018 12:19

Tgt Ion:112 Resp: 1003512
 Ion Ratio Lower Upper
 112 100
 64 64.9 47.9 71.9
 63 34.0 23.7 35.5





#7

Phenol-d6

Concen: 109.961 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

Instrument :

BNA_F

ClientSampleId :

RBR251608

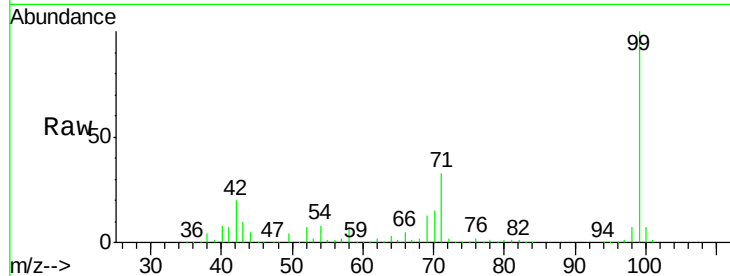
Tgt Ion: 99 Resp: 1156774

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

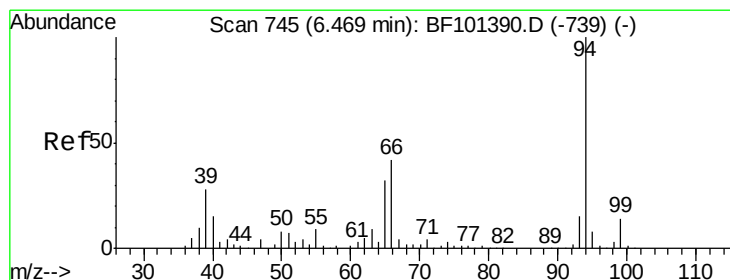
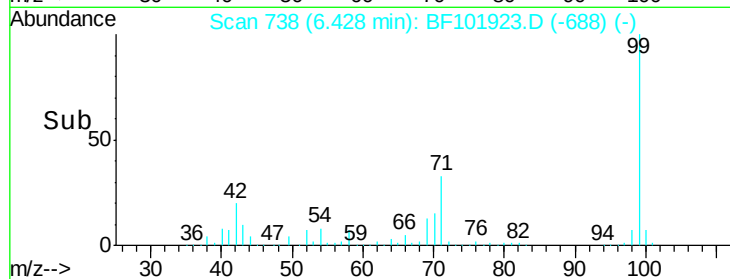
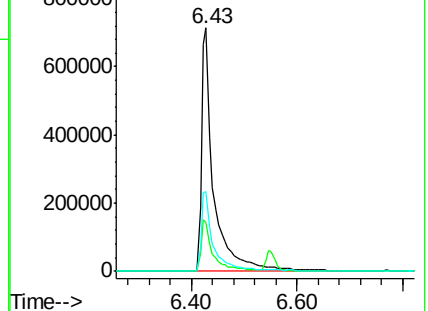
71 32.7 25.4 38.0



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



#10

Phenol

Concen: 3.414 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

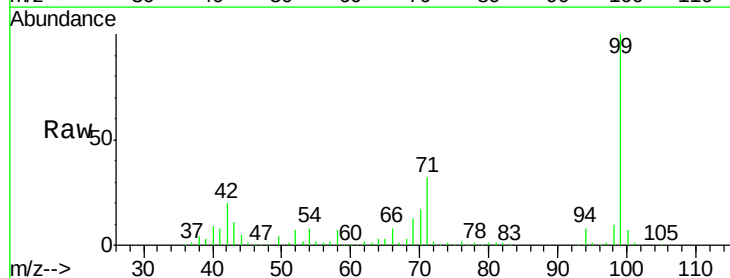
Tgt Ion: 94 Resp: 40933

Ion Ratio Lower Upper

94 100

65 43.5 7.9 47.9

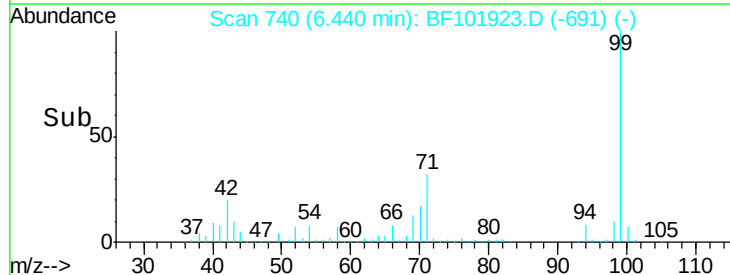
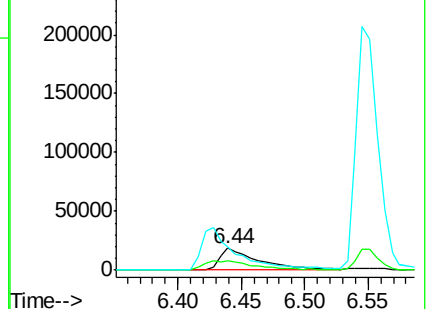
66 105.2 16.2 56.2#

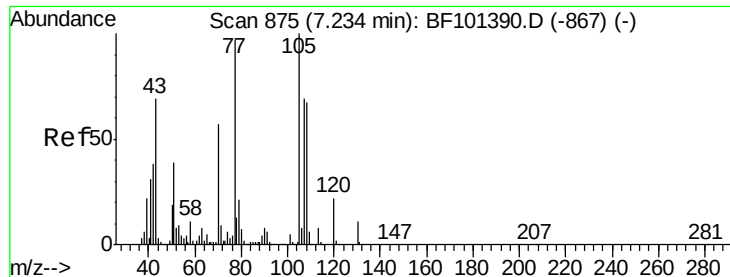


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 14.071 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

Instrument :

BNA_F

ClientSampleId :

RBR251608

Tgt Ion: 70 Resp: 97209

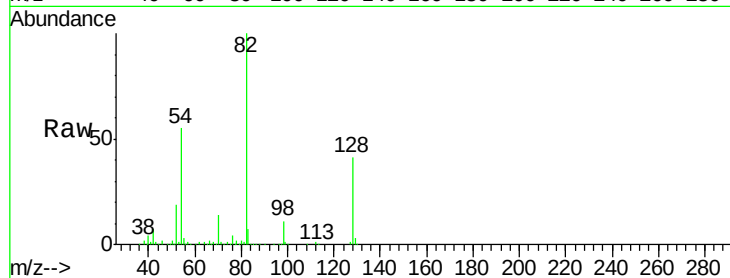
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



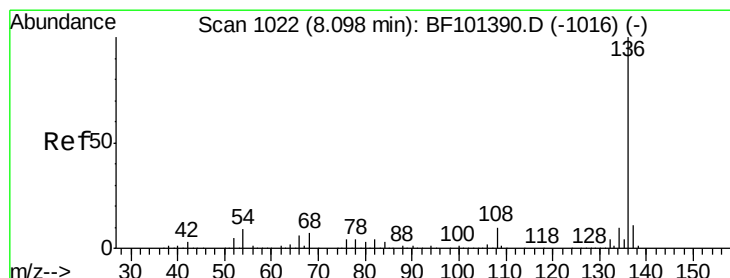
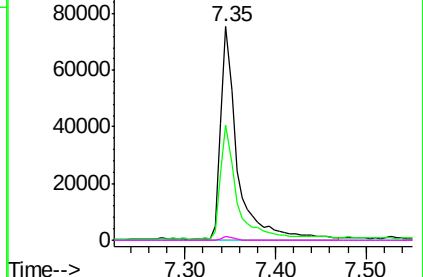
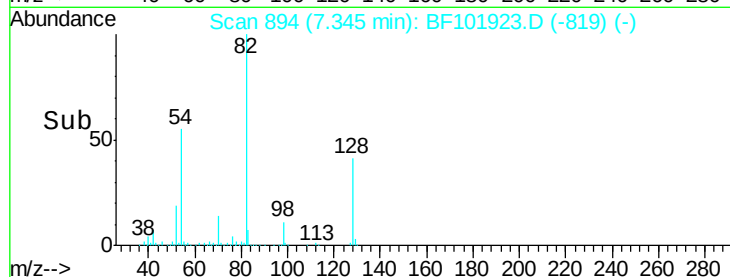
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

Tgt Ion: 136 Resp: 441269

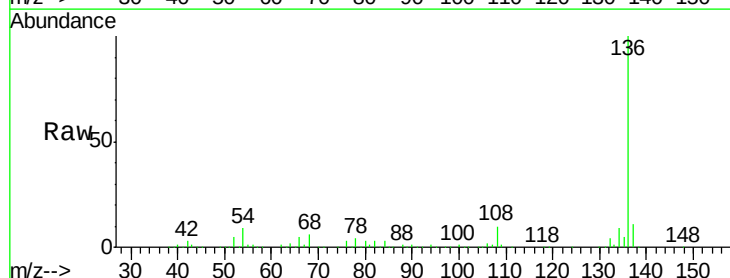
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4



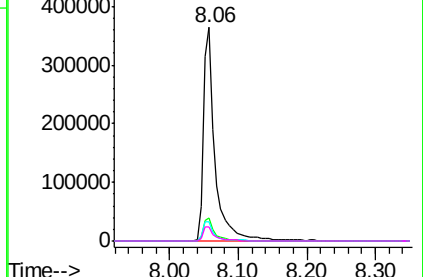
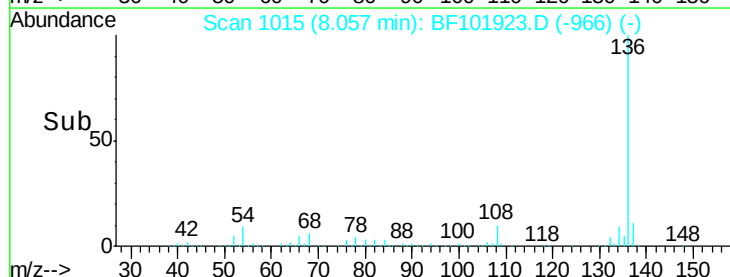
Abundance Ion 136.00 (135.70 to 136.70): BF1

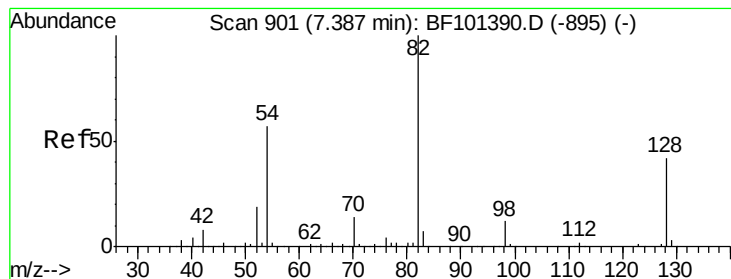
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->





#23

Nitrobenzene-d5

Concen: 88.796 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

Instrument :

BNA_F

ClientSampleId :

RBR251608

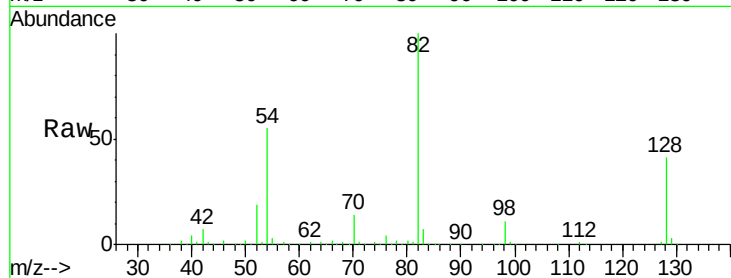
Tgt Ion: 82 Resp: 703897

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

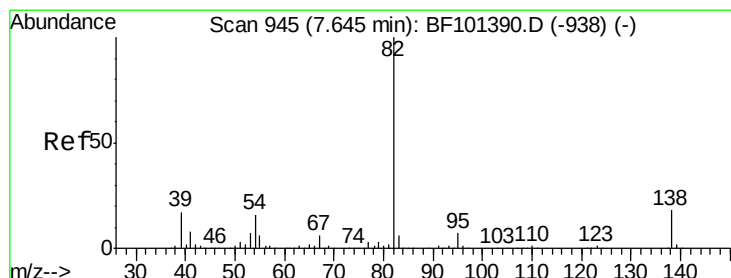
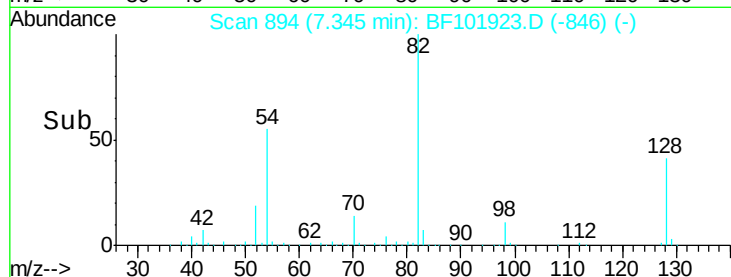
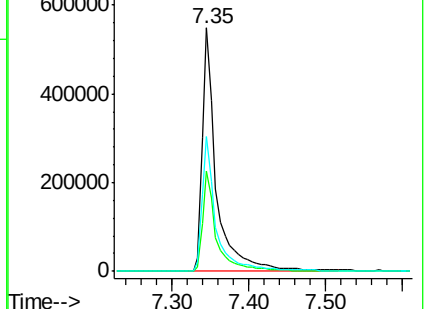
54 55.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 44.264 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

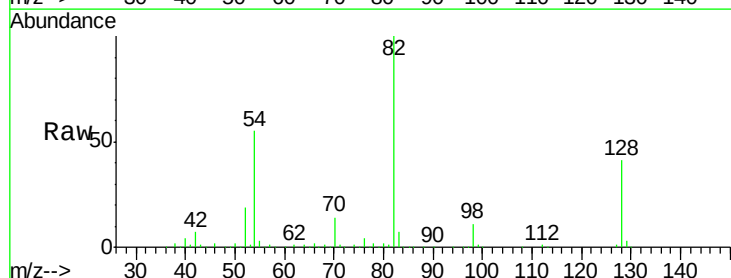
Tgt Ion: 82 Resp: 703897

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

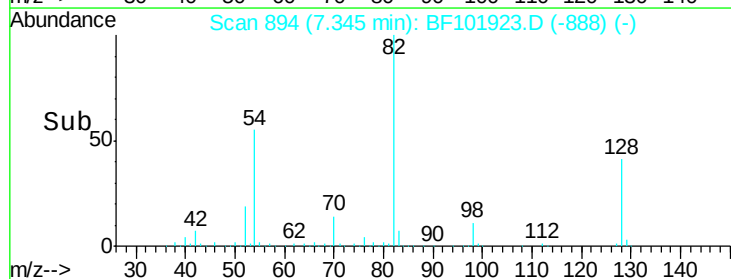
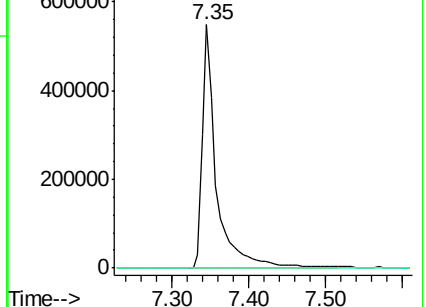
138 0.0 14.9 22.3#

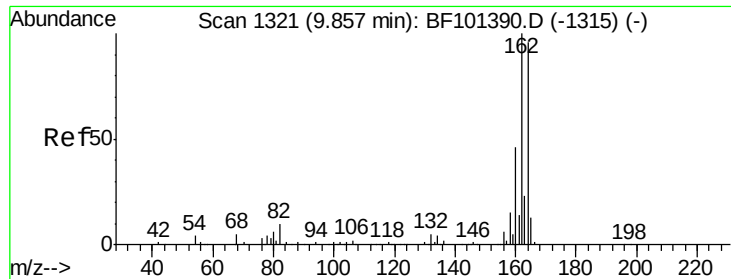


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

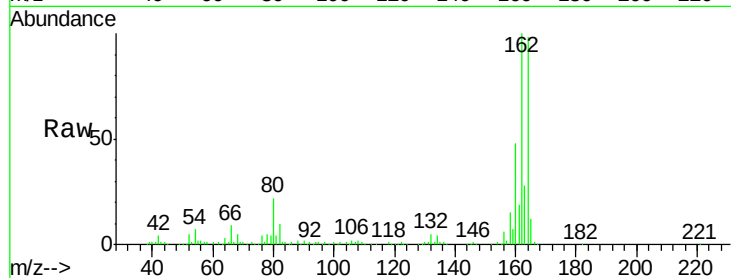




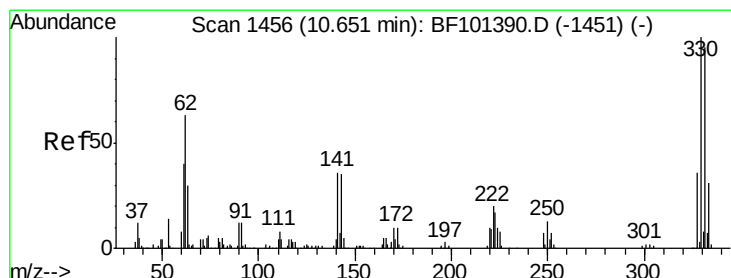
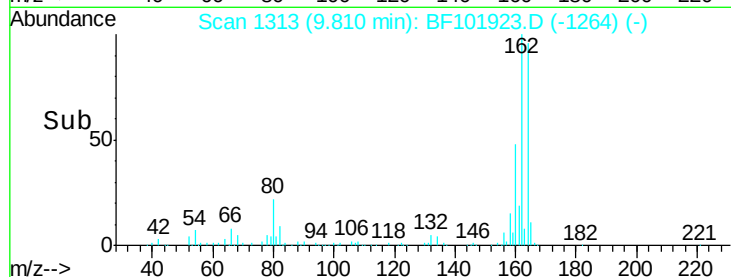
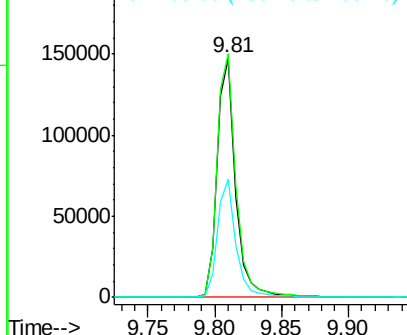
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

Instrument :
BNA_F
ClientSampleId :
RBR251608

Tgt Ion:164 Resp: 145319
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 49.4 38.3 57.5

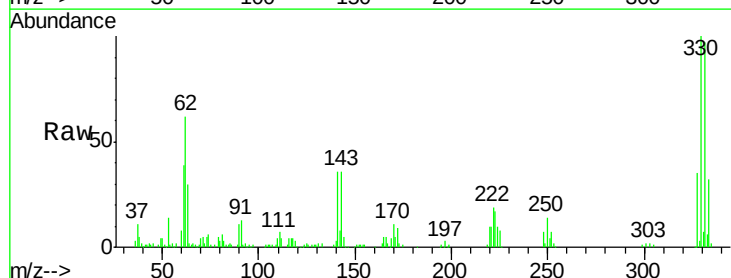


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

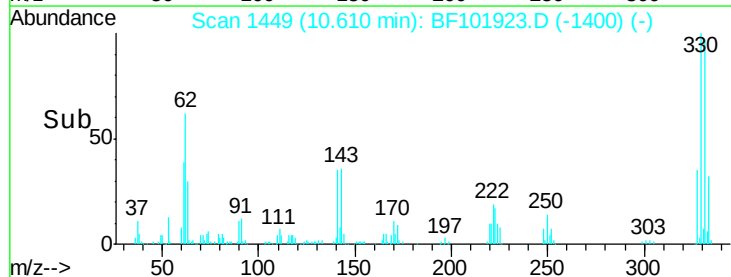
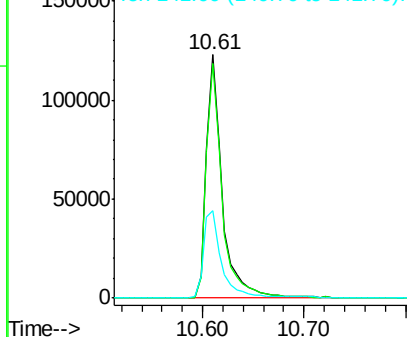


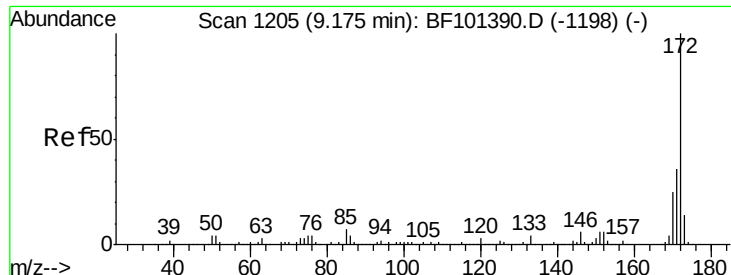
#41
2,4,6-Tribromophenol
Concen: 96.213 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

Tgt Ion:330 Resp: 134723
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 40.5 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

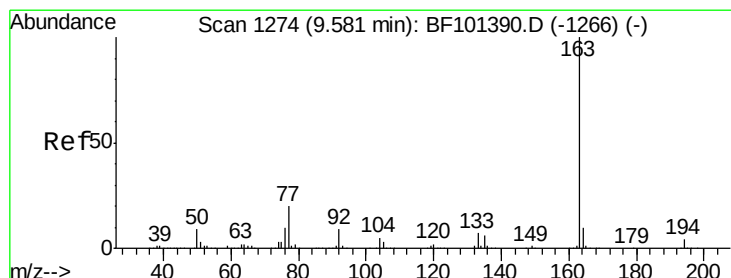
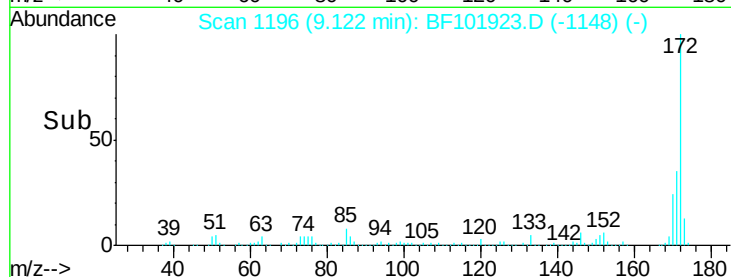
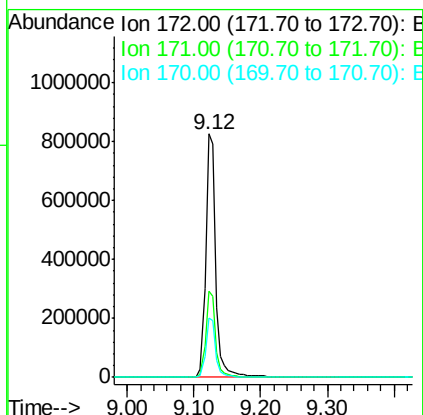
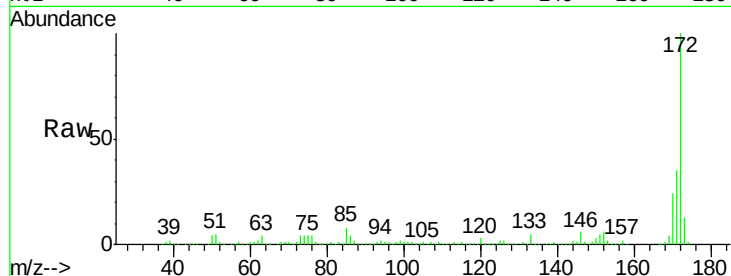




#44
2-Fluorobiphenyl
Concen: 91.787 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

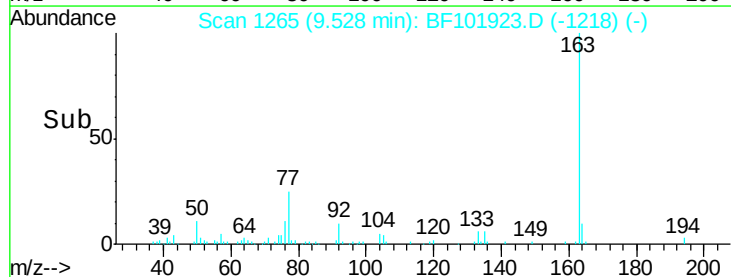
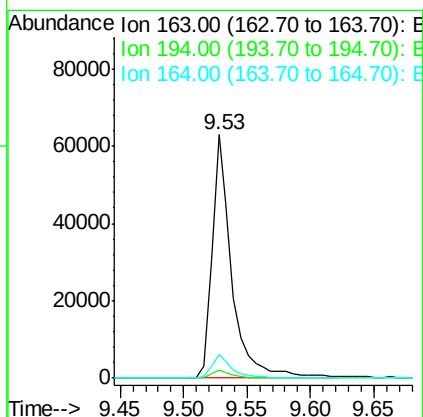
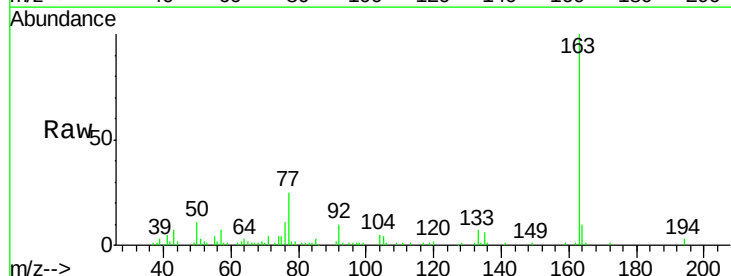
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ClientSampleId :
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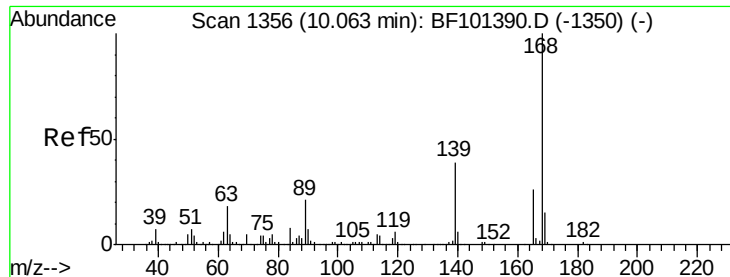
Tgt Ion:172 Resp: 859851
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 5.882 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

Tgt Ion:163 Resp: 68758
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 8.2 12.2

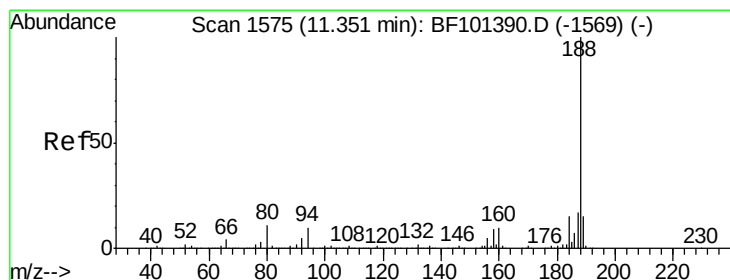
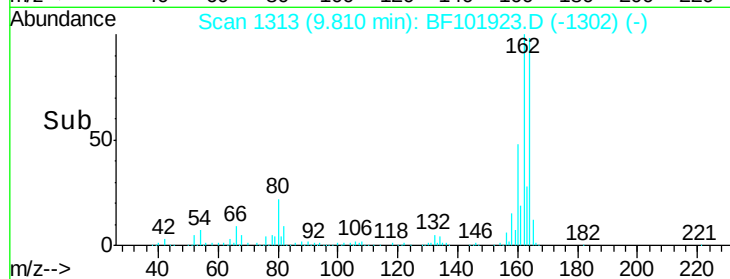
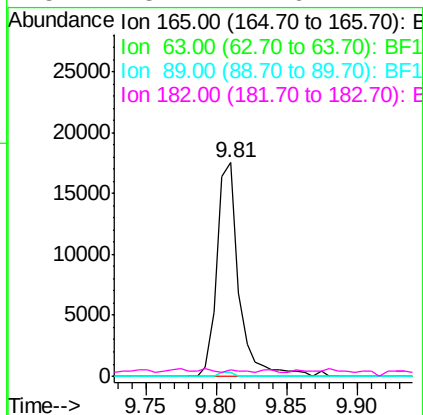
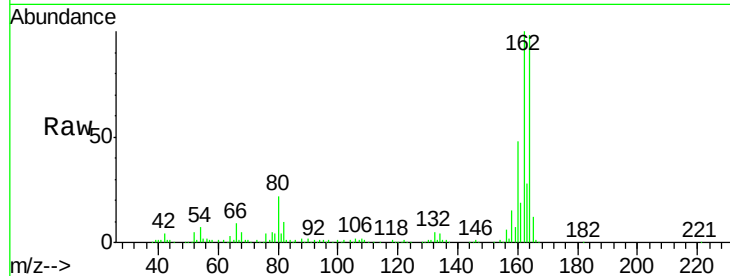




#56
 2,4-Dinitrotoluene
 Concen: 7.125 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101923.D
 Acq: 5 Jan 2018 12:19

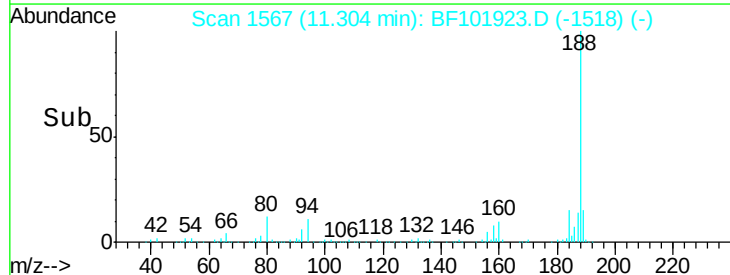
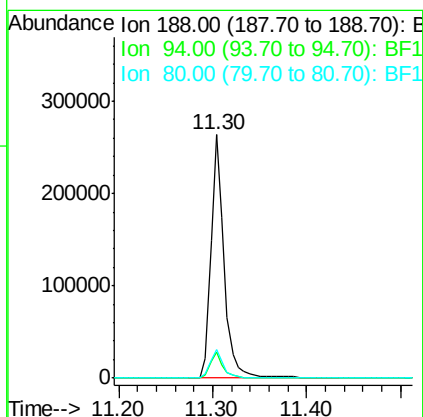
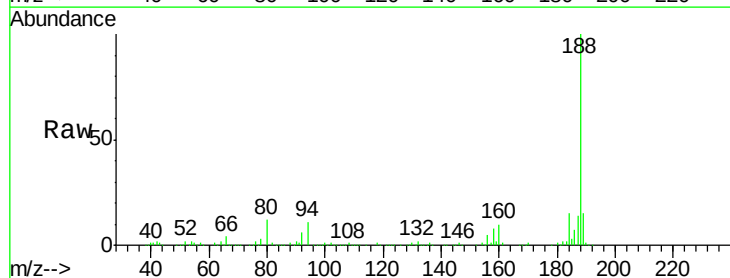
Instrument :
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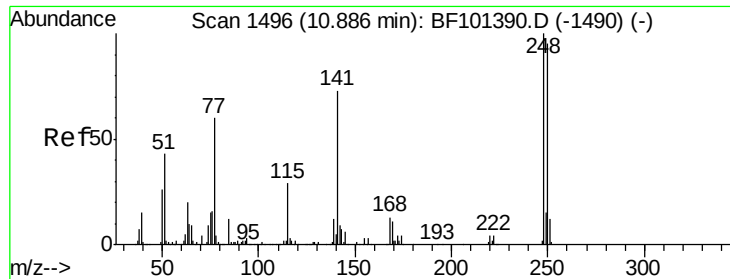
Tgt Ion:165 Resp: 19070
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.4 54.6#
 89 1.9 57.8 86.6#
 182 3.1 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101923.D
 Acq: 5 Jan 2018 12:19

Tgt Ion:188 Resp: 262250
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.7 9.2 13.8

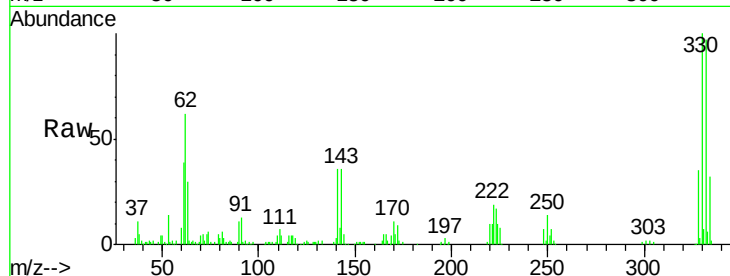




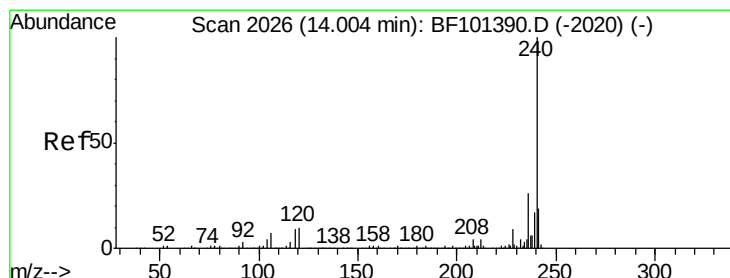
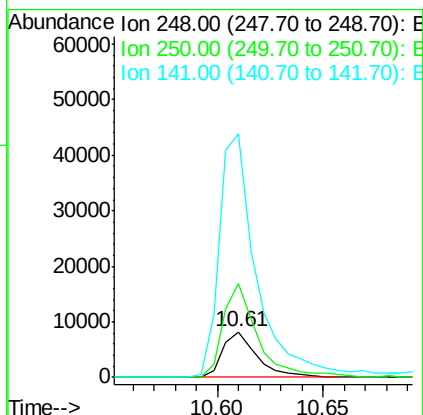
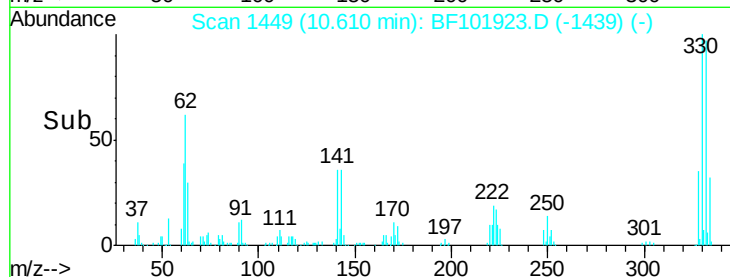
#66
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

Instrument :
BNA_F
ClientSampleId :
RBR251608

Tgt Ion:248 Resp: 9164
Ion Ratio Lower Upper
248 100
250 207.1 76.9 115.3#
141 535.2 74.4 111.6#

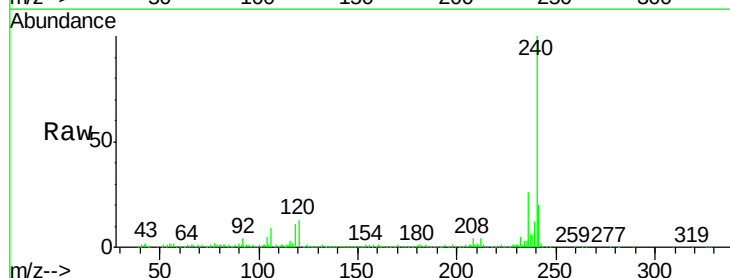


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

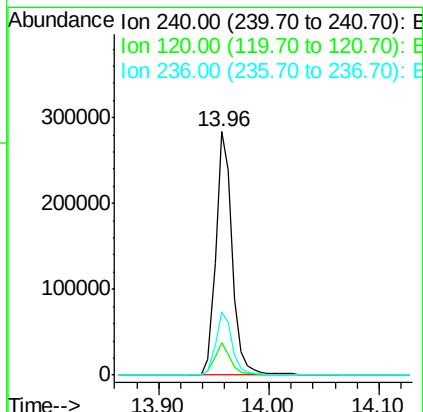
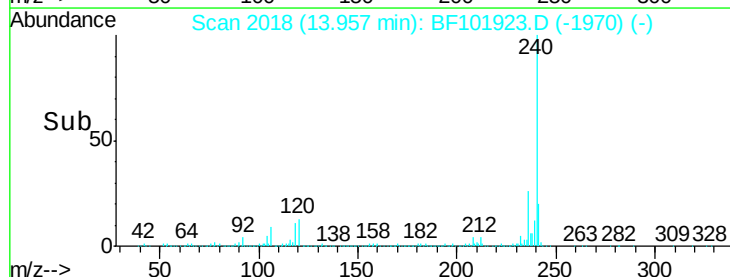


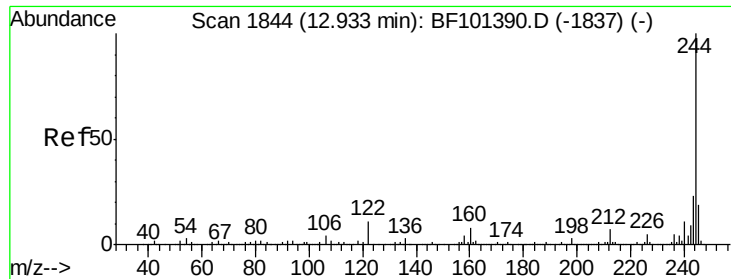
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101923.D
Acq: 5 Jan 2018 12:19

Tgt Ion:240 Resp: 290324
Ion Ratio Lower Upper
240 100
120 13.2 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: 65.404 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

Instrument :

BNA_F

ClientSampleId :

RBR251608

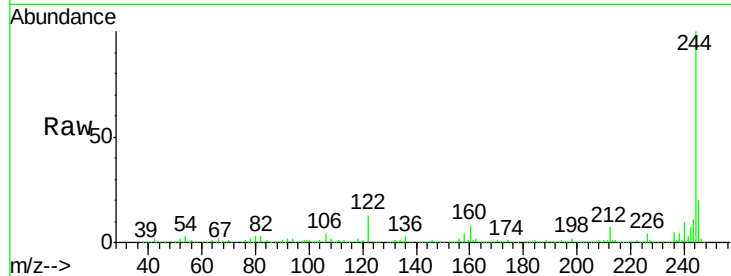
Tgt Ion:244 Resp: 787649

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

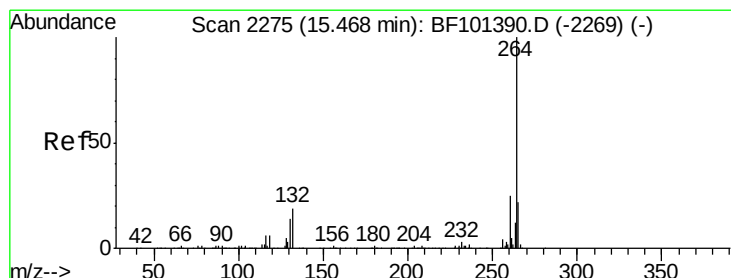
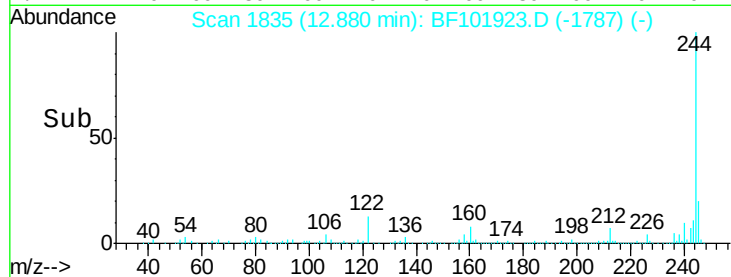
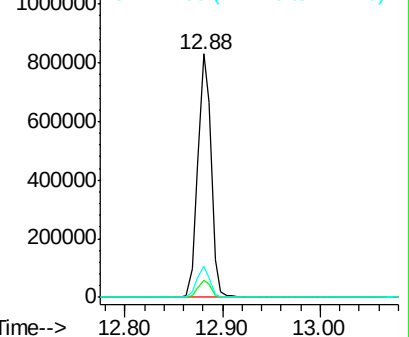
122 12.7 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF101923.D

Acq: 5 Jan 2018 12:19

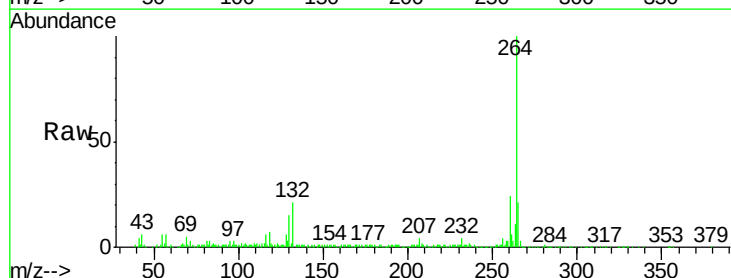
Tgt Ion:264 Resp: 236364

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

