

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102527.D
 Acq On : 27 Jan 2018 22:57
 Operator : SJ/JU
 Sample : J1290-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59-9.5-10.0

Quant Time: Jan 28 01:05:16 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

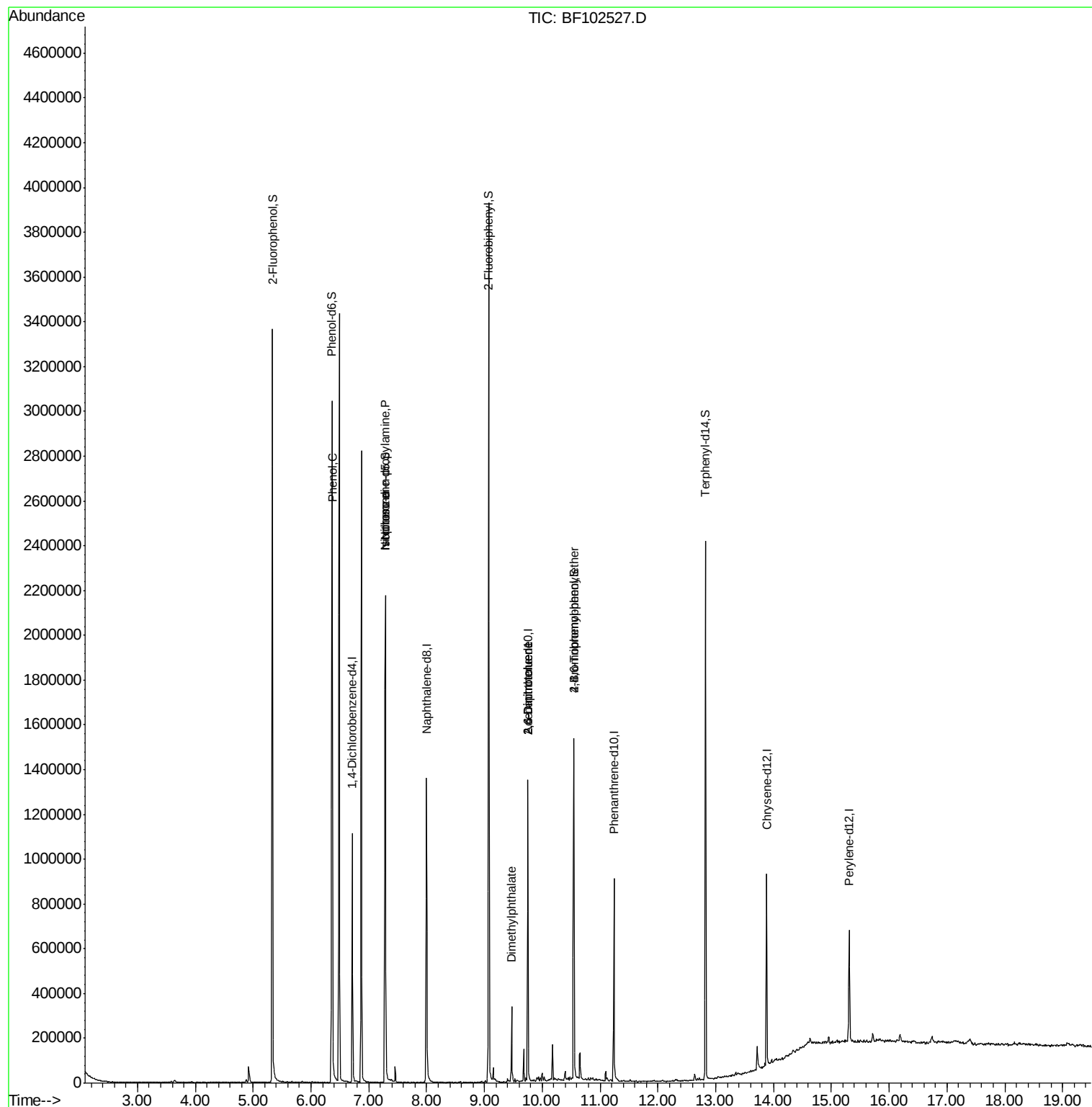
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159806	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	622891	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245738	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	347930	20.00	ng	0.00
75) Chrysene-d12	13.88	240	285713	20.00	ng	0.00
86) Perylene-d12	15.31	264	222089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1017222	96.52	ng	0.01
7) Phenol-d6	6.36	99	1233549	97.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	738231	68.11	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	178051	73.12	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1233637	73.81	ng	0.00
78) Terphenyl-d14	12.82	244	796695	62.86	ng	0.00
Target Compounds						
10) Phenol	6.37	94	48853	3.522	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	95213	12.245	ng	# 77
25) Isophorone	7.29	82	734167	37.994	ng	# 64
49) Dimethylphthalate	9.47	163	127482	6.276	ng	99
50) 2,6-Dinitrotoluene	9.75	165	31957	7.297	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	31957	5.934	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	12067	3.222	ng	# 1

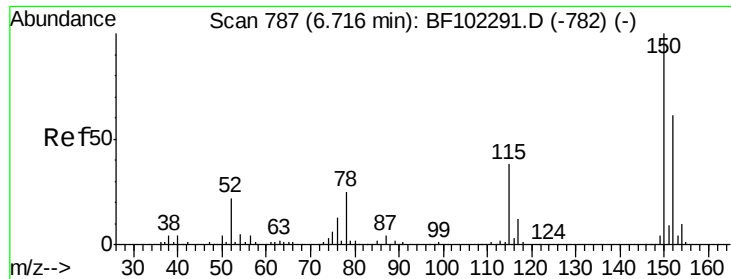
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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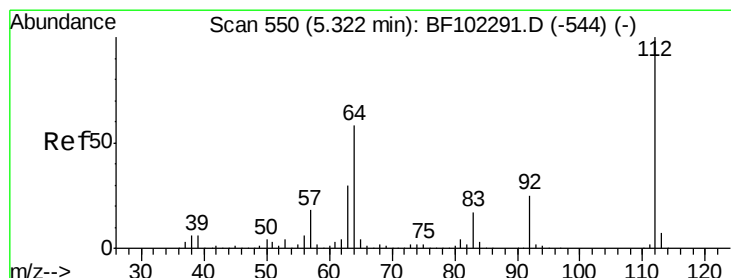
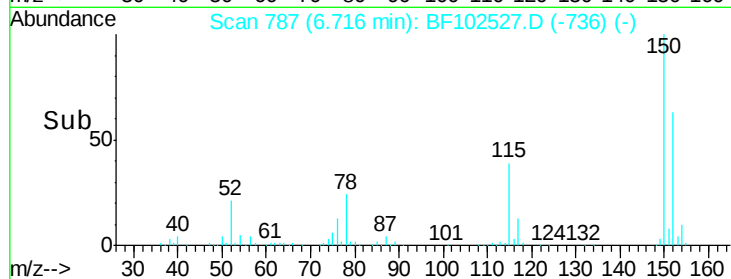
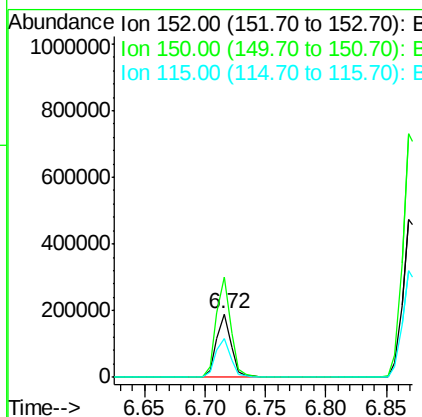
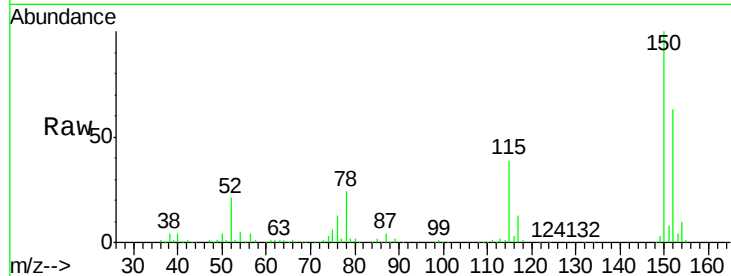


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

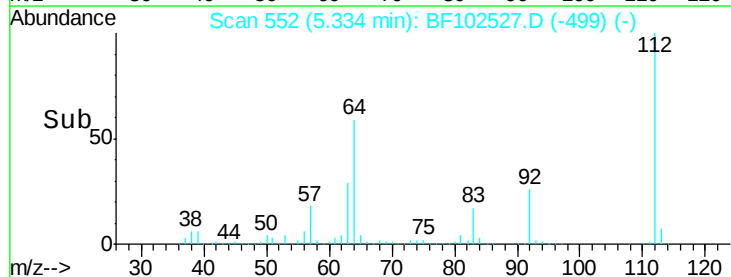
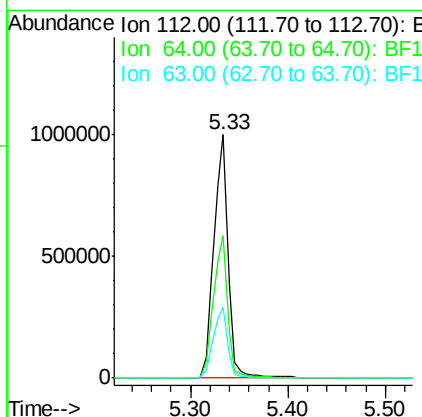
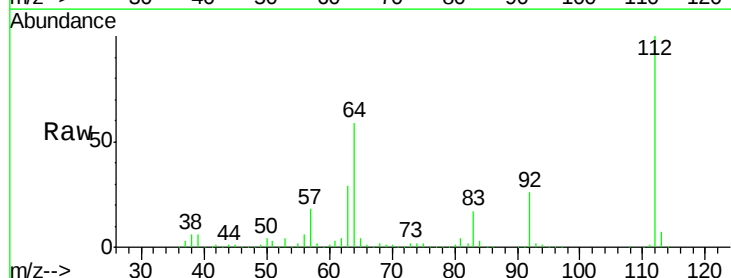
Tgt Ion:152 Resp: 159806
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.4 50.1 75.1

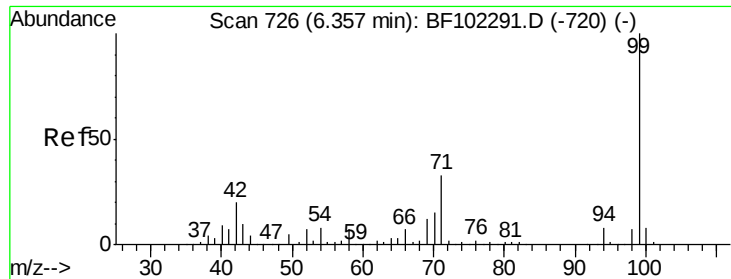


#5

2-Fluorophenol
Concen: 96.515 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:112 Resp: 1017222
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 97.082 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102527.D

Acq: 27 Jan 2018 22:57

Instrument :

BNA_F

ClientSampleId :

SB-59-9.5-10.0

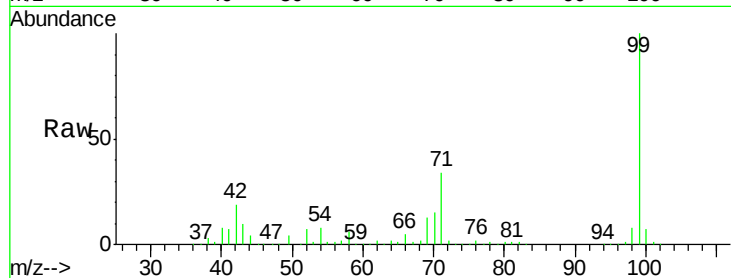
Tgt Ion: 99 Resp: 1233549

Ion Ratio Lower Upper

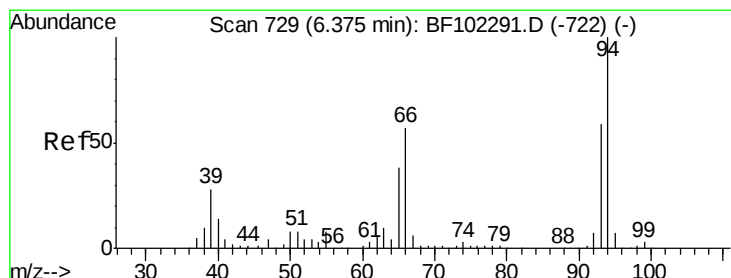
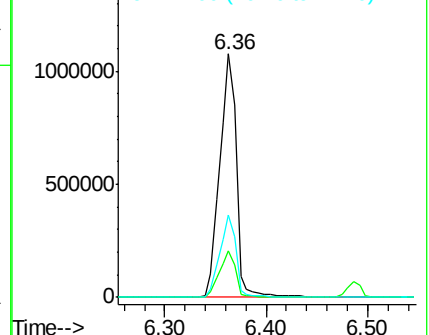
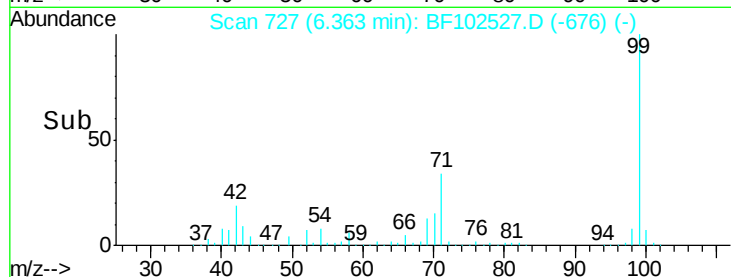
99 100

42 19.2 14.5 21.7

71 33.9 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: 3.522 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102527.D

Acq: 27 Jan 2018 22:57

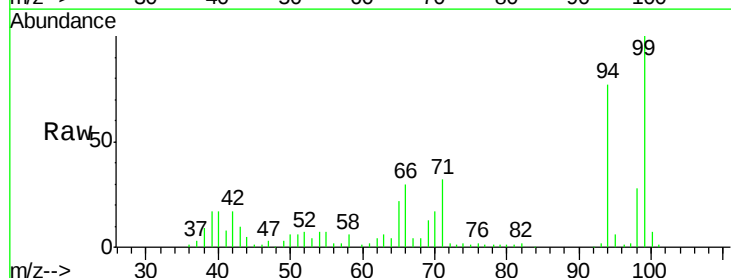
Tgt Ion: 94 Resp: 48853

Ion Ratio Lower Upper

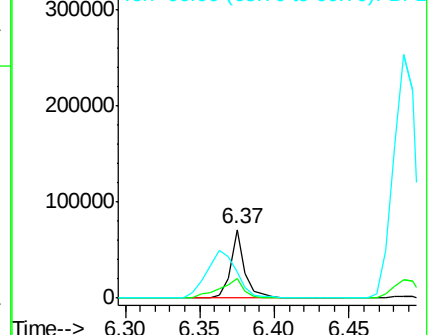
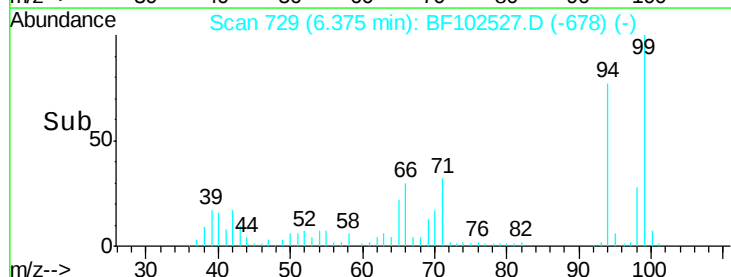
94 100

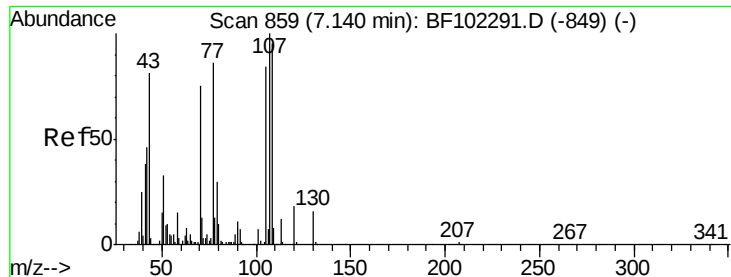
65 28.2 7.9 47.9

66 38.5 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

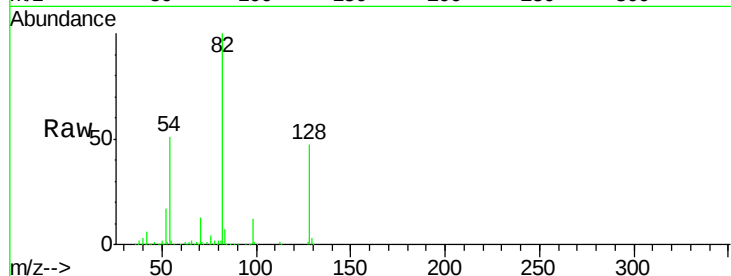




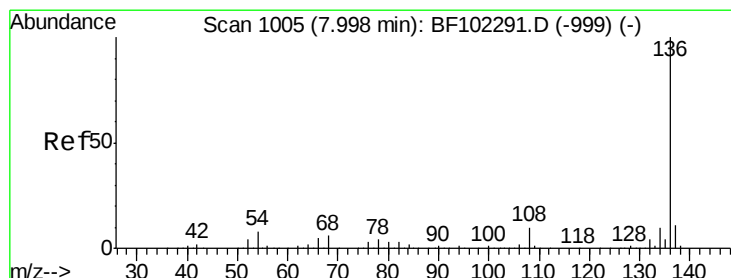
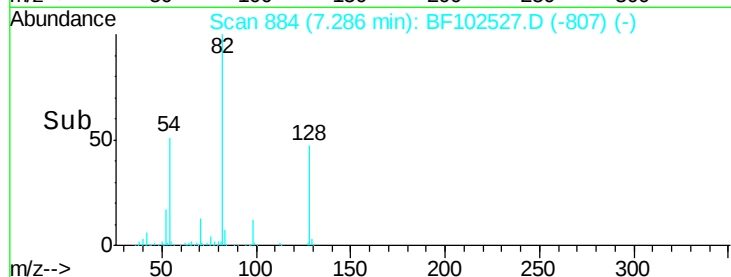
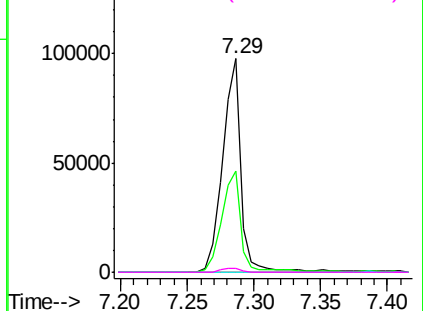
#19
n-Nitroso-di-n-propylamine
Concen: 12.245 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion: 70 Resp: 95213
Ion Ratio Lower Upper
70 100
42 47.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



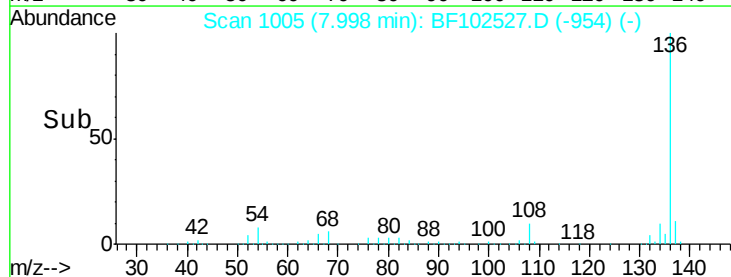
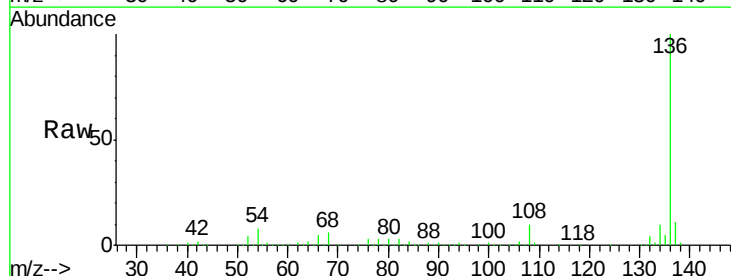
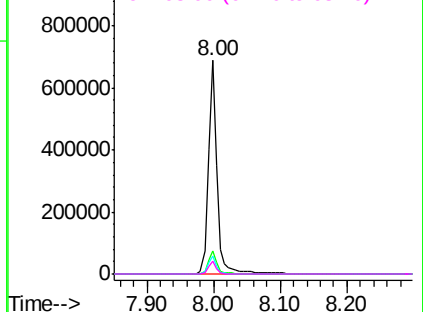
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

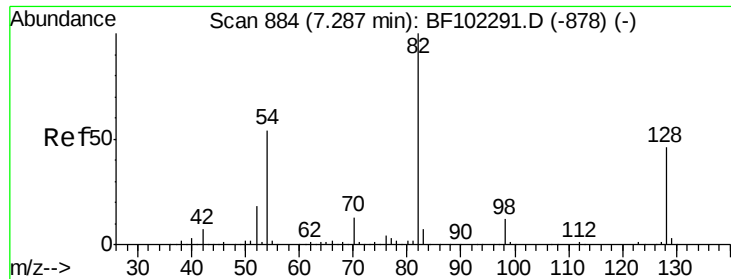


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion: 136 Resp: 622891
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 6.6 9.8
68 5.8 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

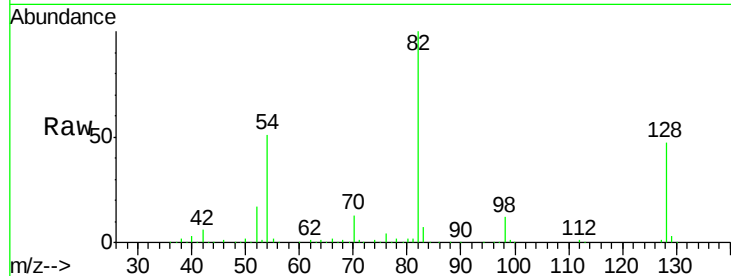




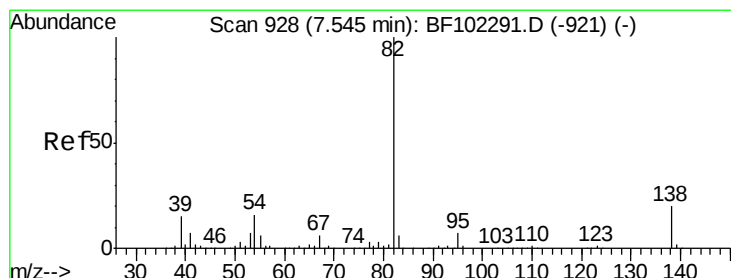
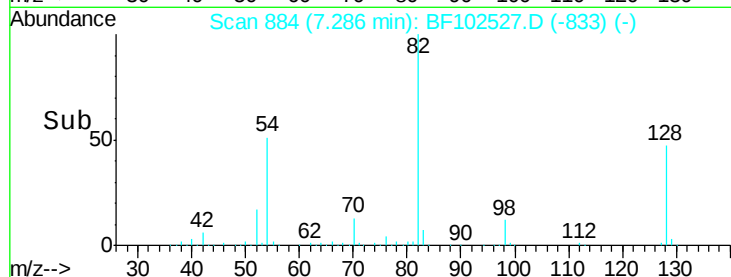
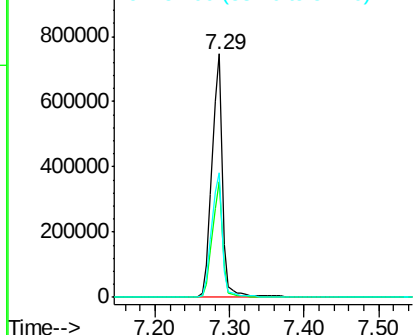
#23
 Nitrobenzene-d5
 Concen: 68.108 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102527.D
 Acq: 27 Jan 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-59-9.5-10.0

Tgt Ion: 82 Resp: 738231
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 51.4 41.4 62.2

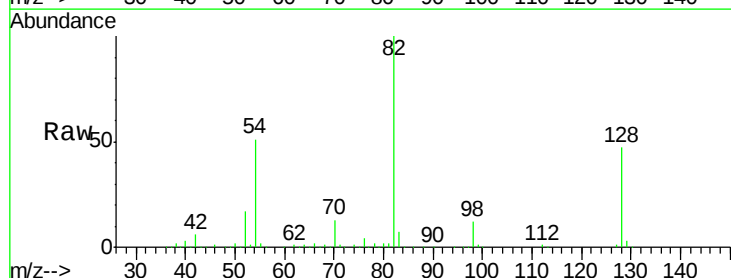


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

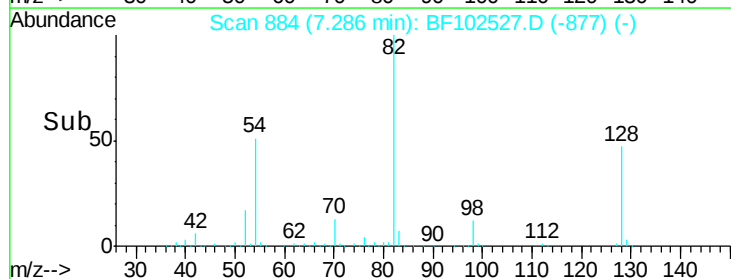
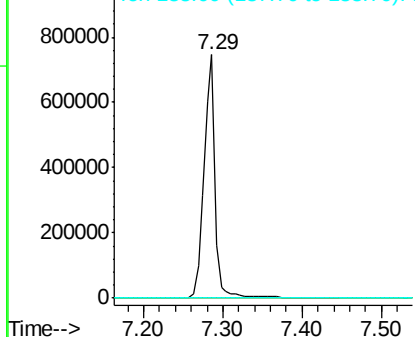


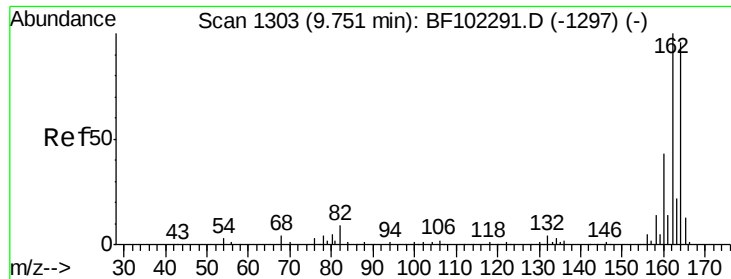
#25
 Isophorone
 Concen: 37.994 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102527.D
 Acq: 27 Jan 2018 22:57

Tgt Ion: 82 Resp: 734167
 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

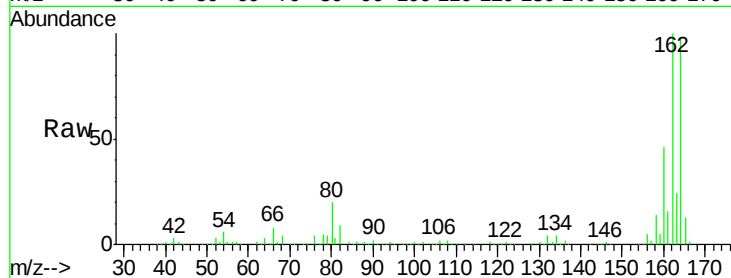




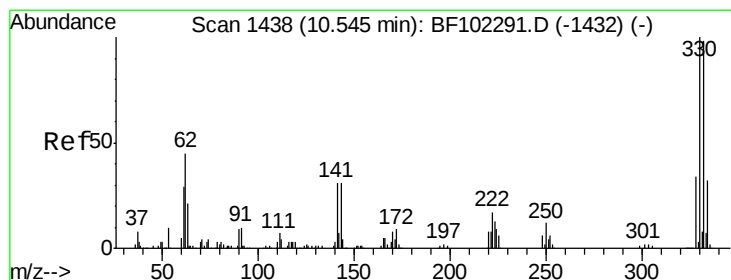
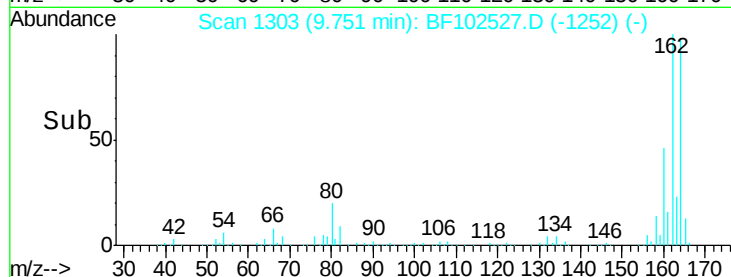
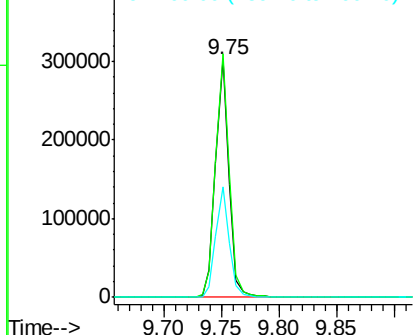
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
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ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:164 Resp: 245738
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.6 38.3 57.5

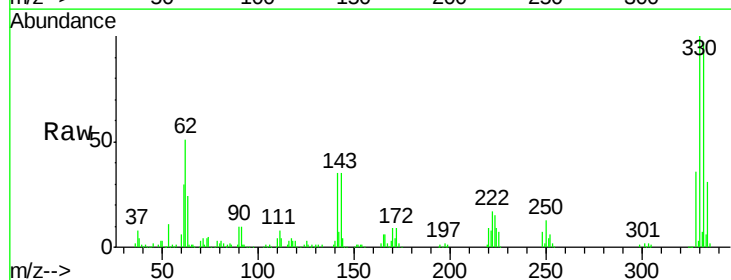


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

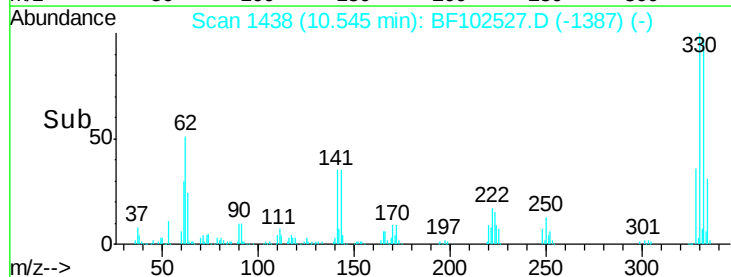
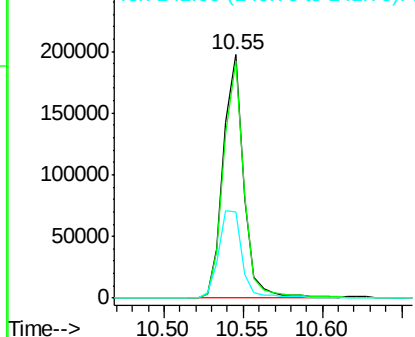


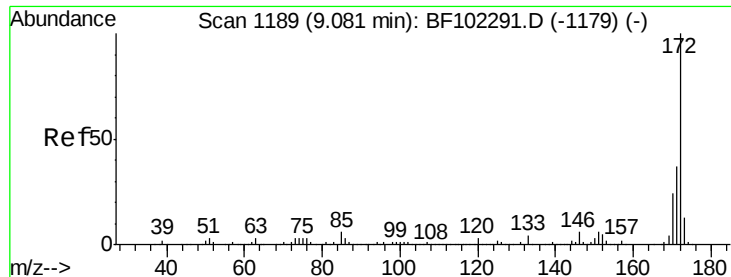
#41
2,4,6-Tribromophenol
Concen: 73.124 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:330 Resp: 178051
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 41.3 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

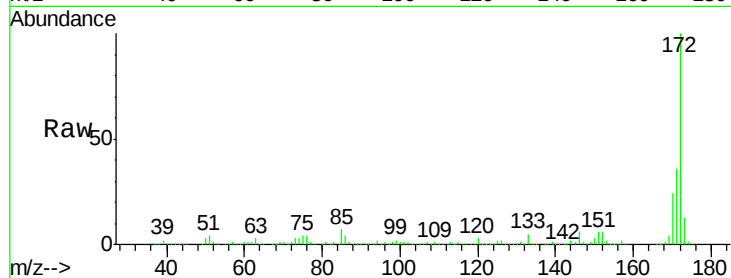




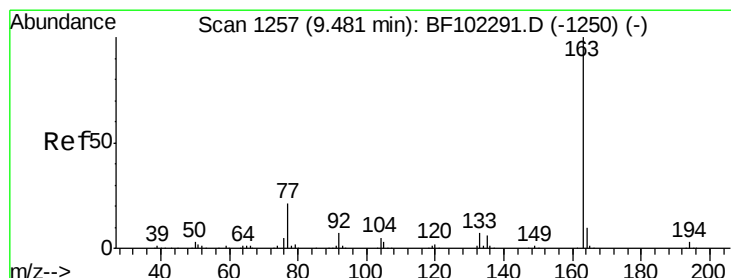
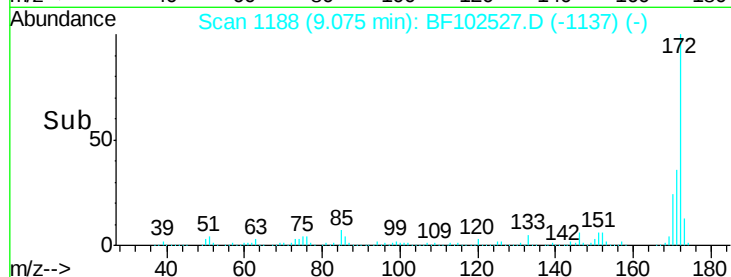
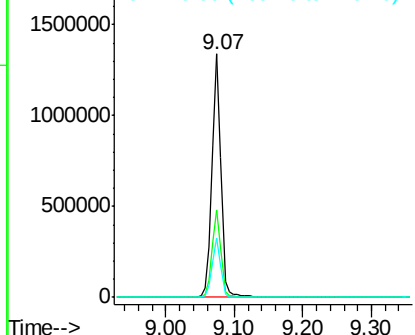
#44
2-Fluorobiphenyl
Concen: 73.814 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
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SB-59-9.5-10.0

Tgt Ion:172 Resp: 1233637
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.3 19.6 29.4

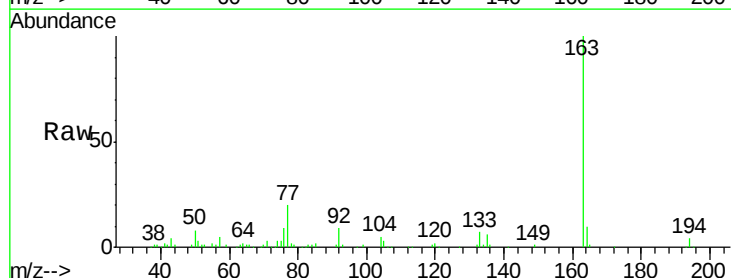


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

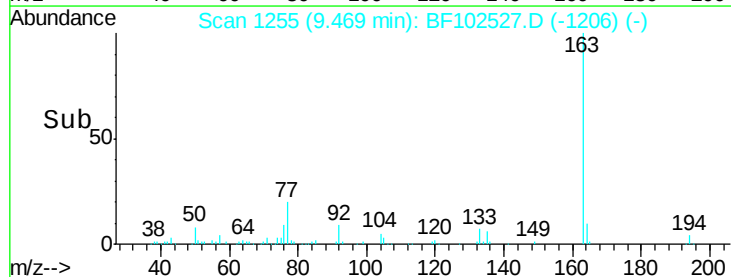
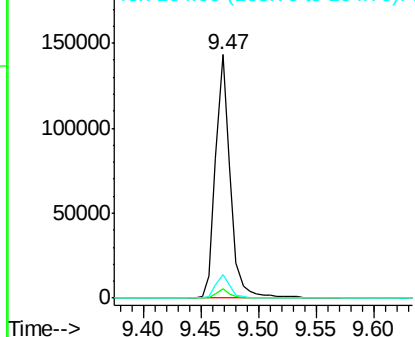


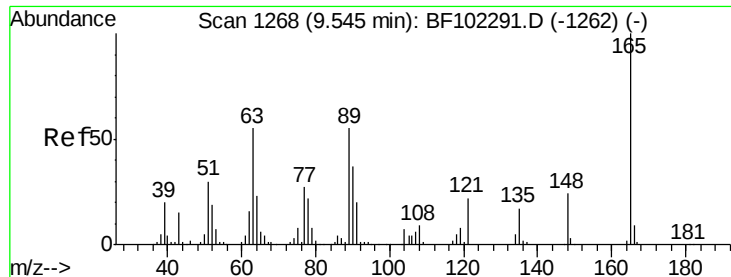
#49
Dimethylphthalate
Concen: 6.276 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:163 Resp: 127482
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 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

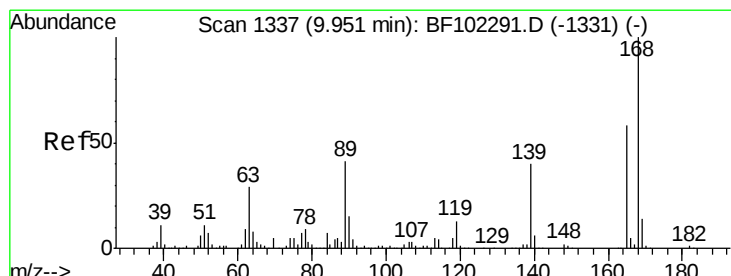
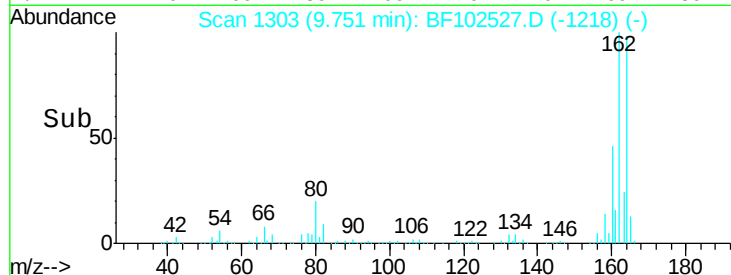
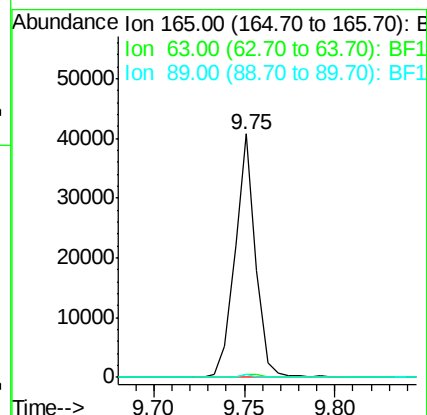
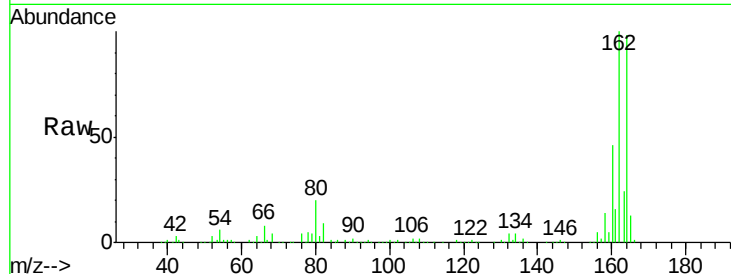




#50
 2,6-Dinitrotoluene
 Concen: 7.297 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF102527.D
 Acq: 27 Jan 2018 22:57

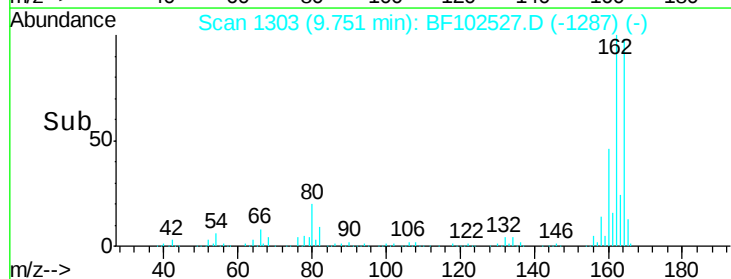
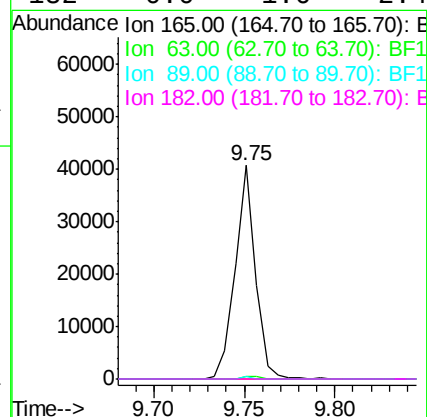
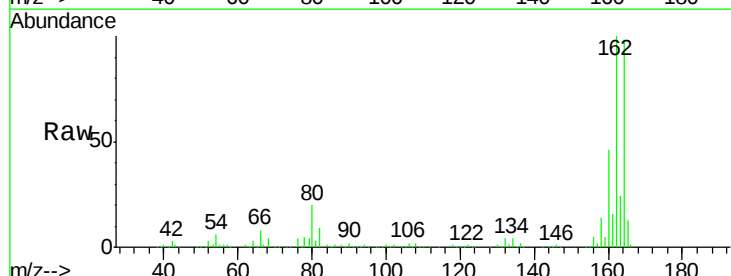
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 ClientSampleId :
 SB-59-9.5-10.0

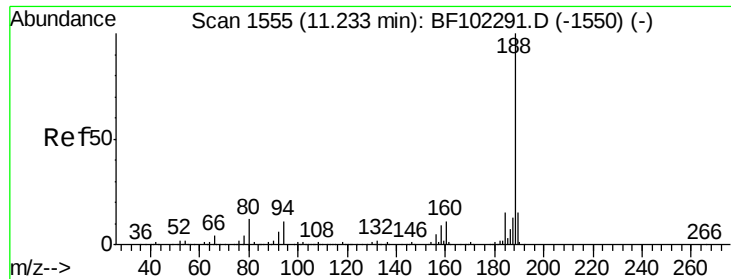
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.934 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102527.D
 Acq: 27 Jan 2018 22:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

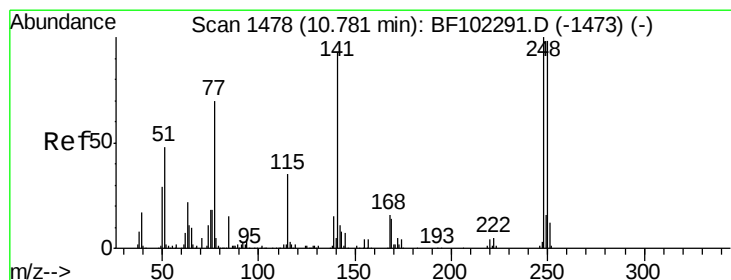
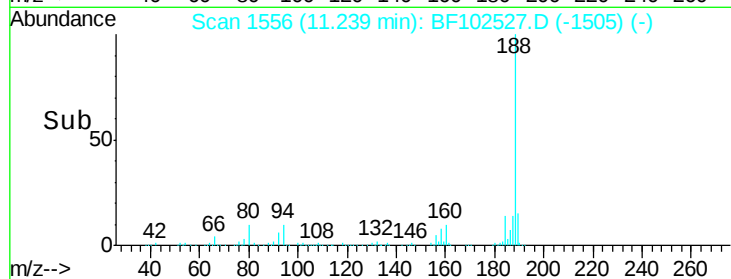
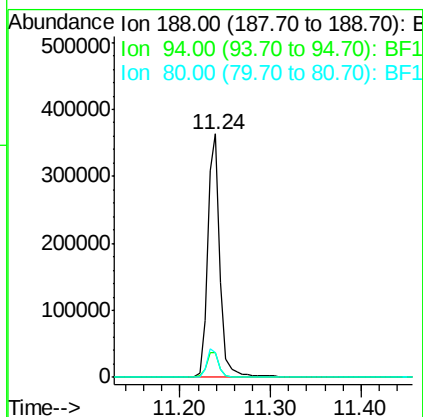
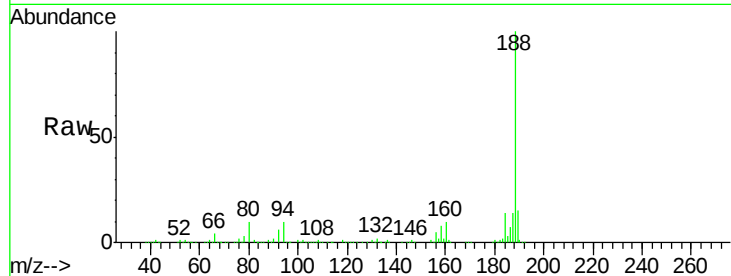




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

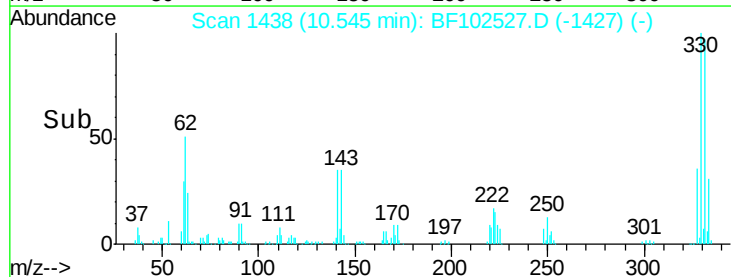
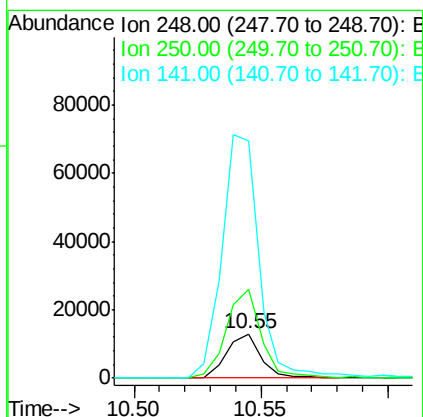
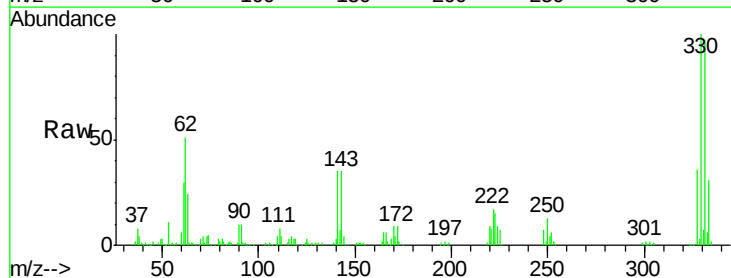
Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

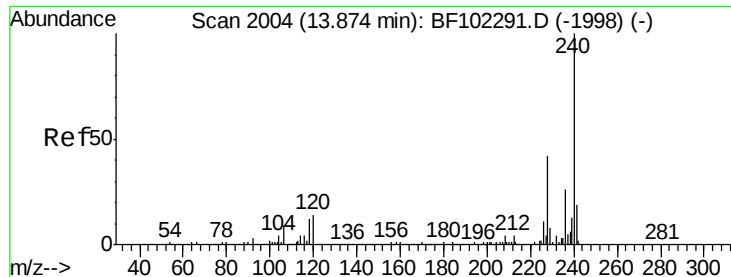
Tgt Ion:188 Resp: 347930
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:248 Resp: 12067
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 538.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102527.D

Acq: 27 Jan 2018 22:57

Instrument :

BNA_F

ClientSampleId :

SB-59-9.5-10.0

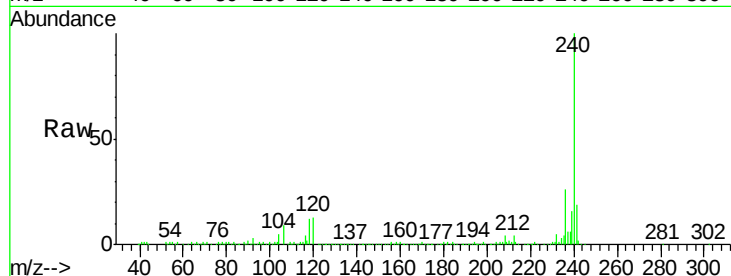
Tgt Ion:240 Resp: 285713

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

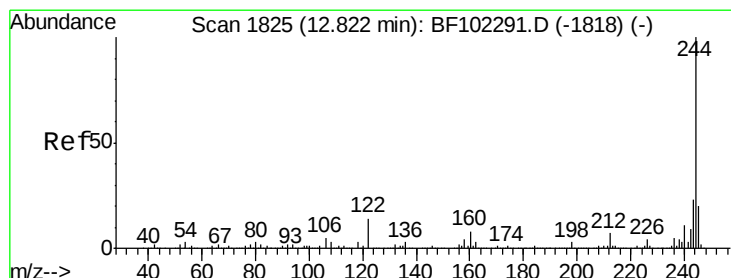
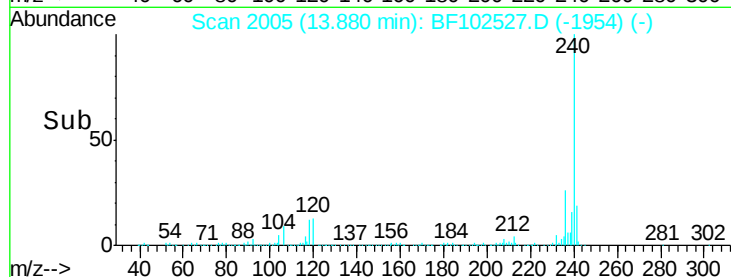
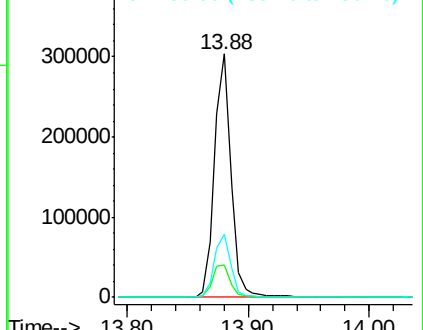
236 26.0 20.7 31.1



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: 62.862 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102527.D

Acq: 27 Jan 2018 22:57

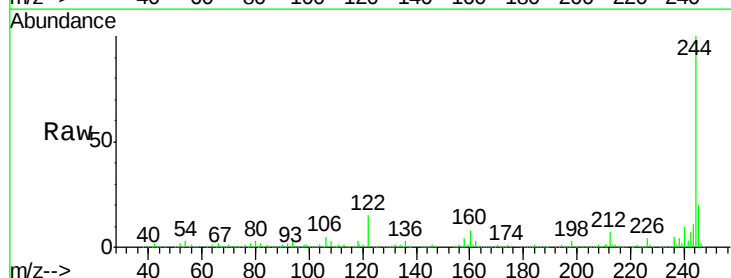
Tgt Ion:244 Resp: 796695

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

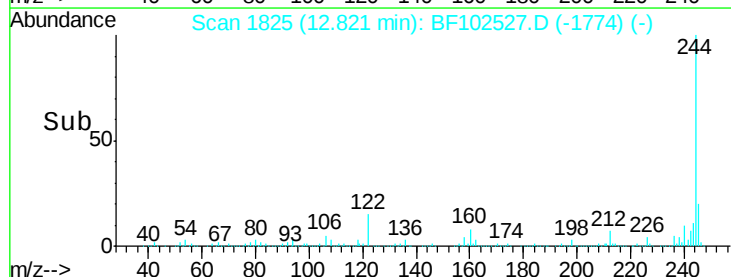
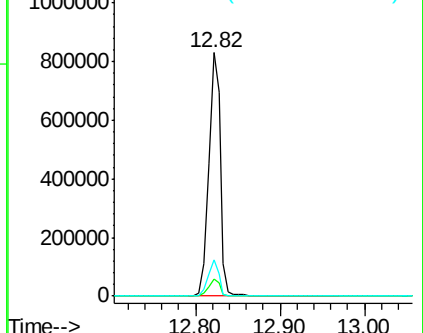
122 15.1 11.0 16.4

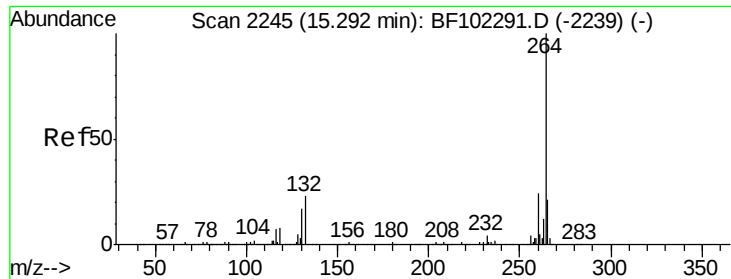


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion: 264 Resp: 222089
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 17.5 26.3

