

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102557.D
 Acq On : 28 Jan 2018 15:11
 Operator : SJ/JU
 Sample : PB106105BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:13:48 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

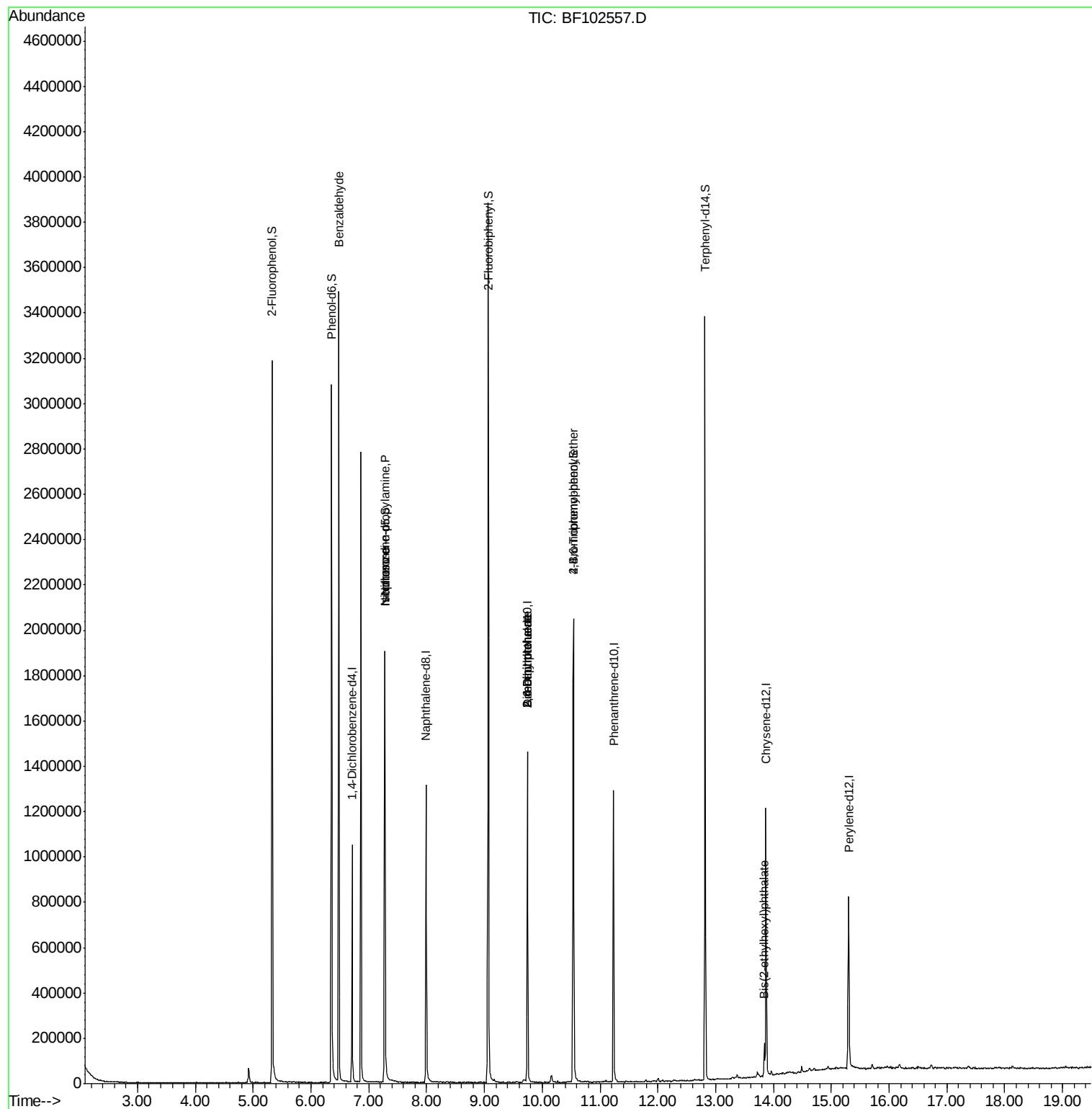
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	148484	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	635905	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287373	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	521081	20.00	ng	0.00
75) Chrysene-d12	13.87	240	433512	20.00	ng	-0.01
86) Perylene-d12	15.30	264	345648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	961662	98.20	ng	0.00
7) Phenol-d6	6.36	99	1171123	99.20	ng	0.00
23) Nitrobenzene-d5	7.28	82	758449	68.54	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	251262	88.24	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1333243	68.22	ng	0.00
78) Terphenyl-d14	12.82	244	1261150	65.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	20483	2.515	ng	85
19) n-Nitroso-di-n-propylamine	7.28	70	100688	13.936	ng	# 77
25) Isophorone	7.28	82	751101	38.074	ng	# 64
49) Dimethylphthalate	9.75	163	77697	3.271	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	36129	7.055	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	36129	5.737	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	16392	2.922	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	45993	2.052	ng	# 96

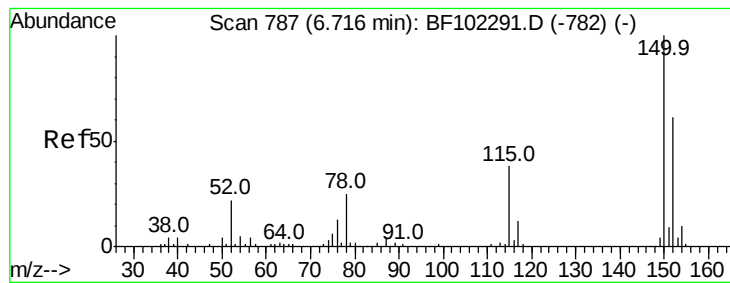
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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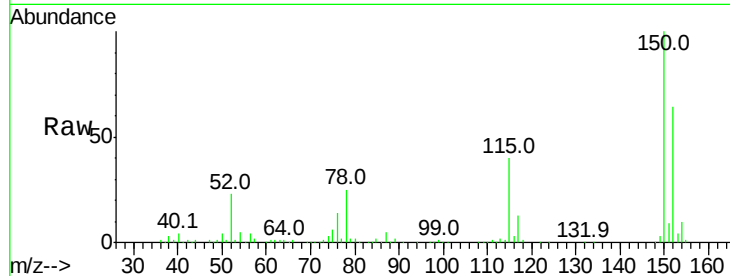


#1

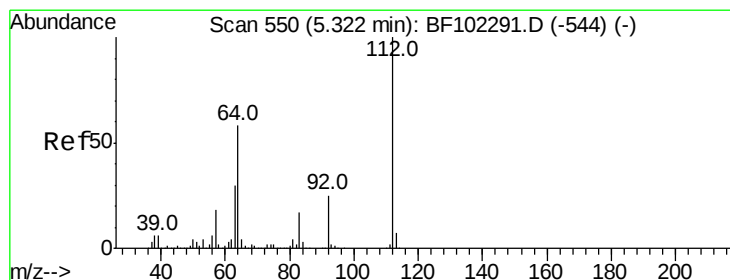
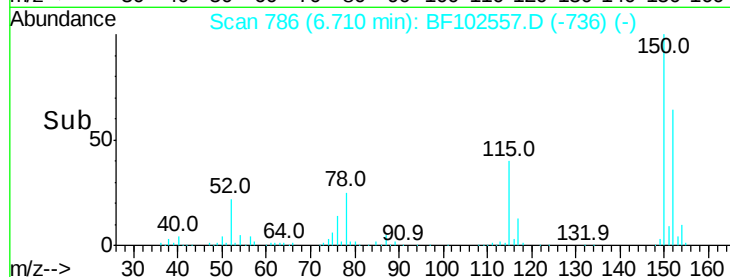
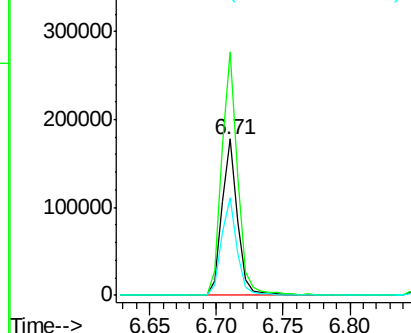
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102557.D
 Acq: 28 Jan 2018 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 148484
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 63.0 50.1 75.1



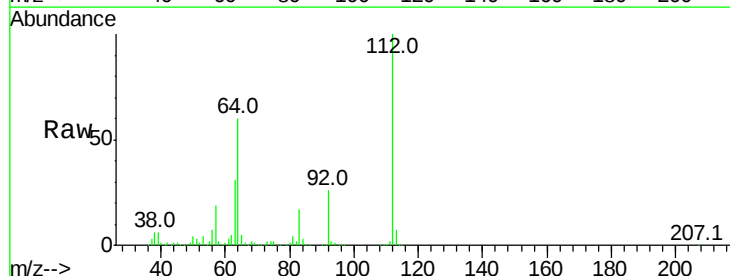
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



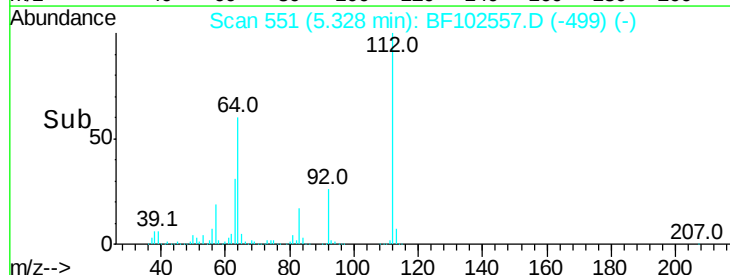
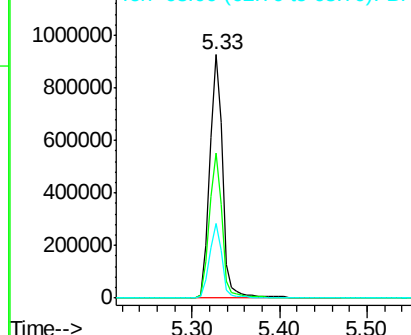
#5

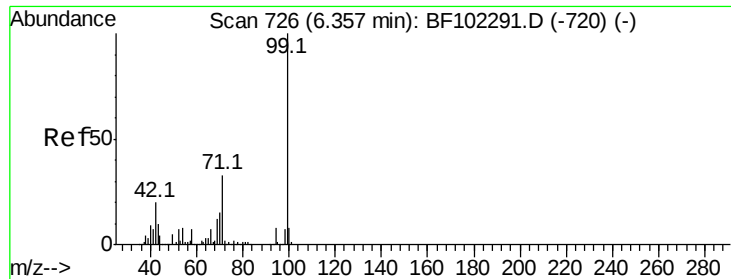
2-Fluorophenol
 Concen: 98.201 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102557.D
 Acq: 28 Jan 2018 15:11

Tgt Ion:112 Resp: 961662
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.6 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: 99.197 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

Instrument :

BNA_F

ClientSampled :

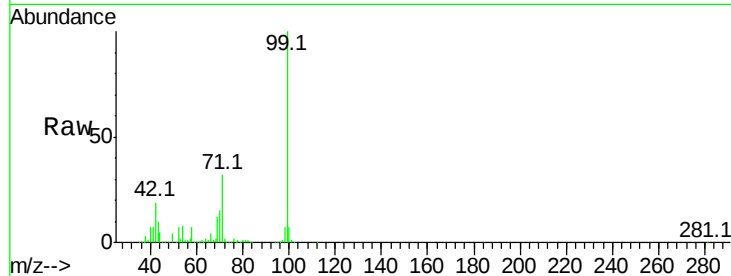
Tot Ion: 99 Resp: 1171123

Ion Ratio Lower Upper

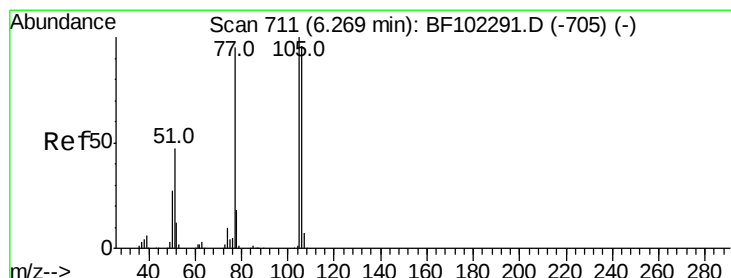
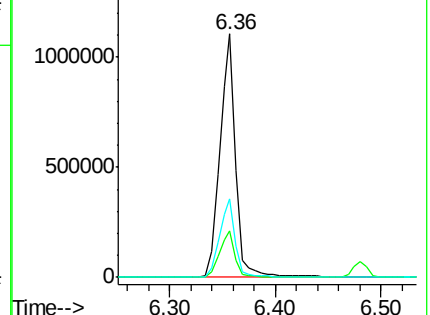
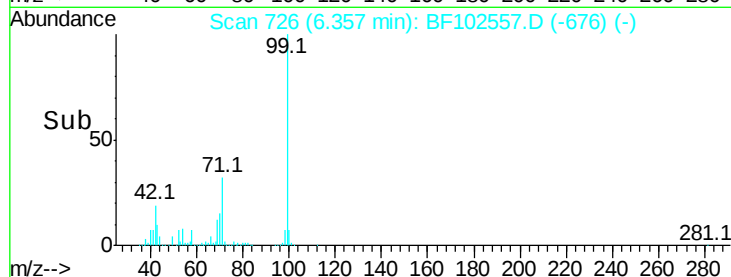
99 100

42 18.9 14.5 21.7

71 32.4 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: 2.515 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

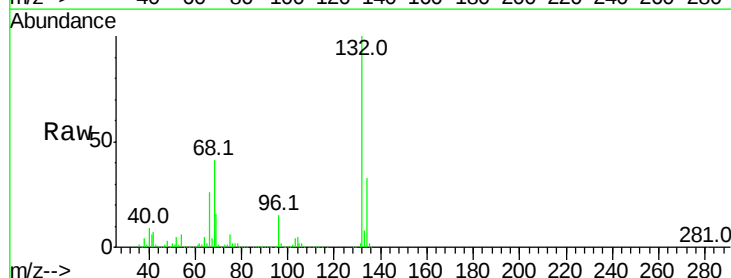
Tgt Ion: 77 Resp: 20483

Ion Ratio Lower Upper

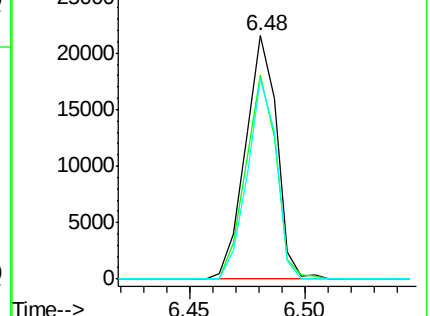
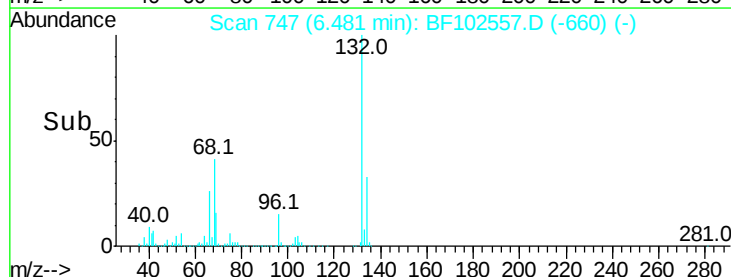
77 100

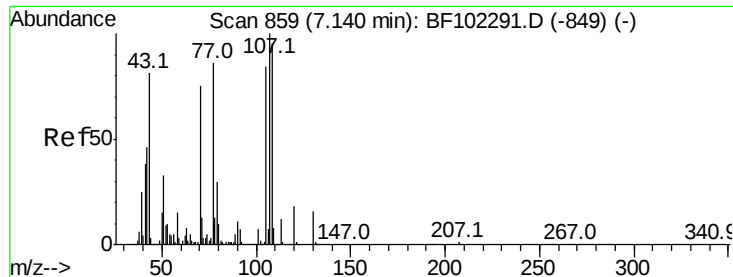
105 83.7 81.1 121.1

106 82.4 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

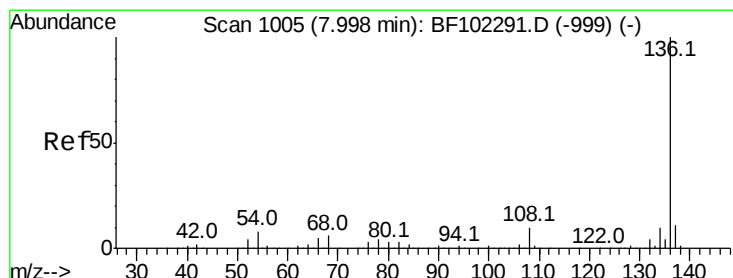
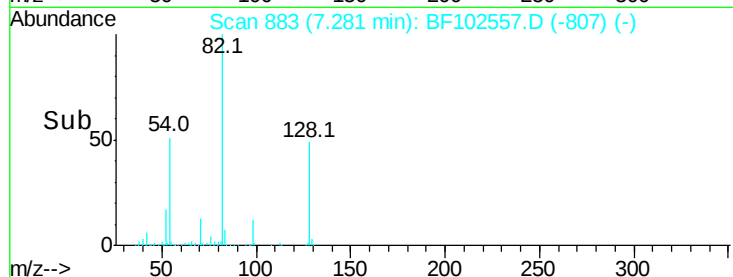
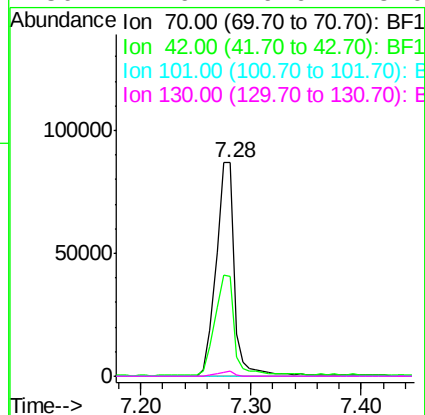
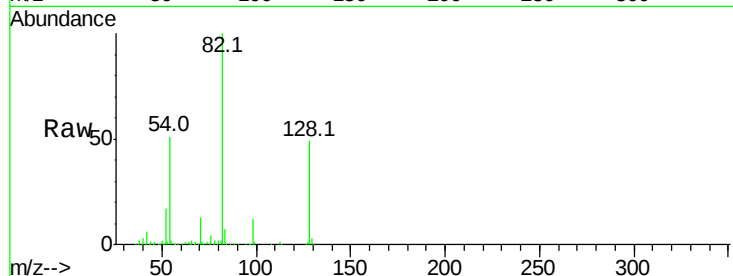




#19
n-Nitroso-di-n-propylamine
Concen: 13.936 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

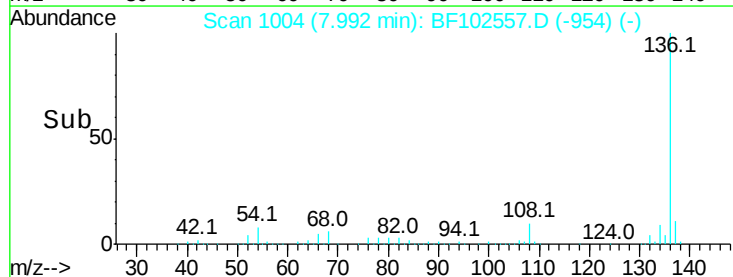
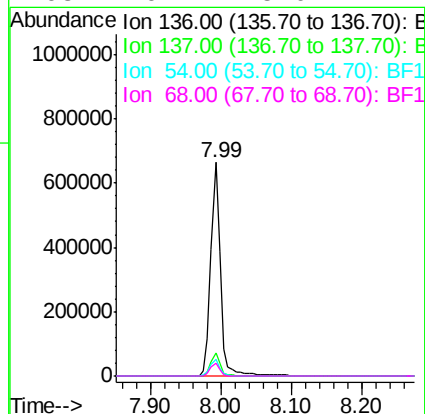
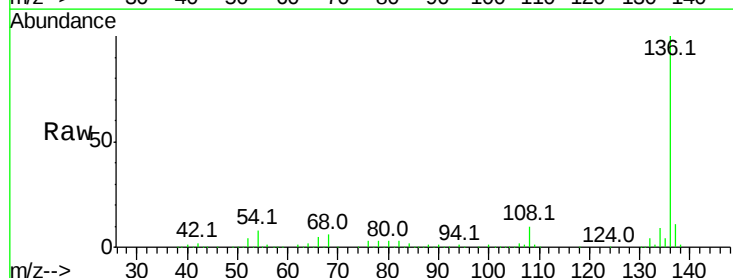
Instrument :
BNA_F
ClientSampleId :

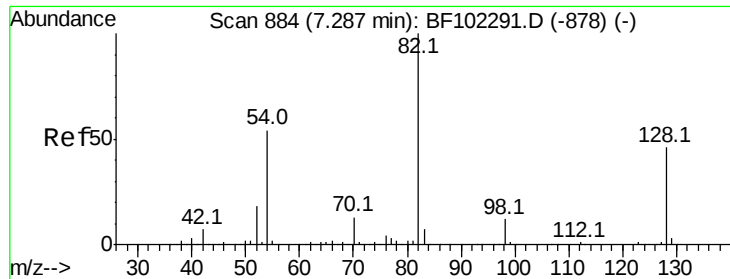
Tot Ion: 70 Resp: 100688
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Tgt Ion: 136 Resp: 635905
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 6.1 5.0 7.4

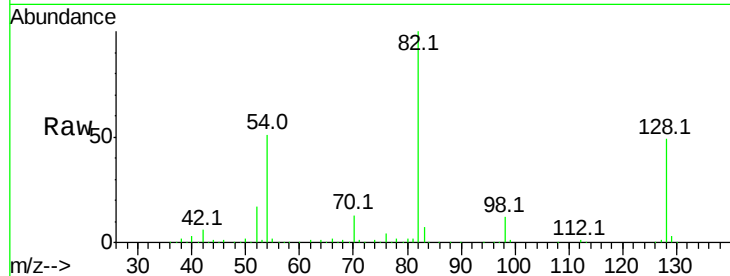




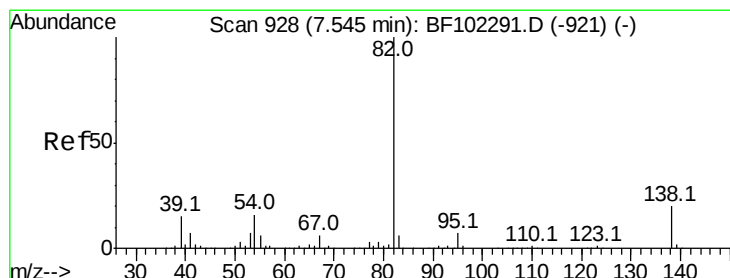
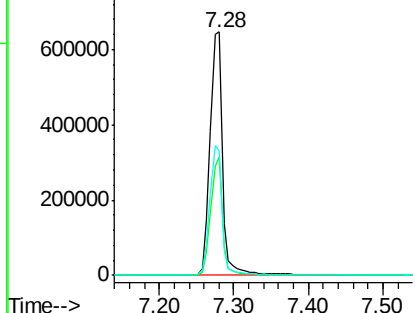
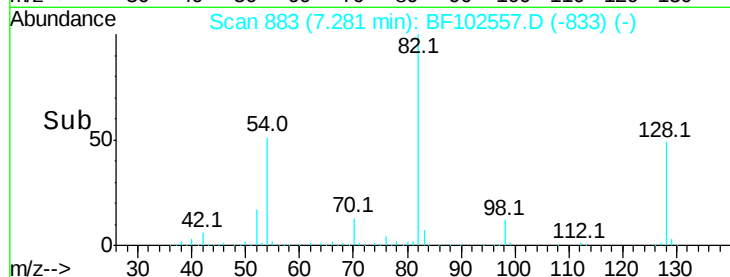
#23
 Nitrobenzene-d5
 Concen: 68.541 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102557.D
 Acq: 28 Jan 2018 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	758449
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	51.4	41.4	62.2

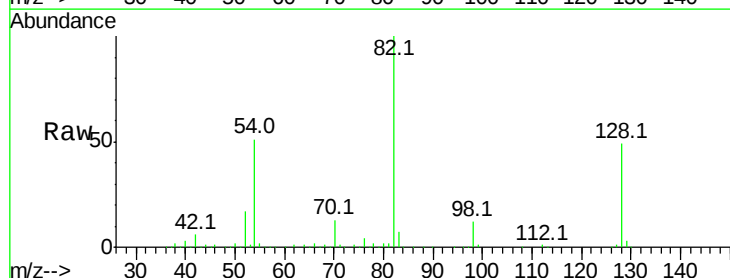


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

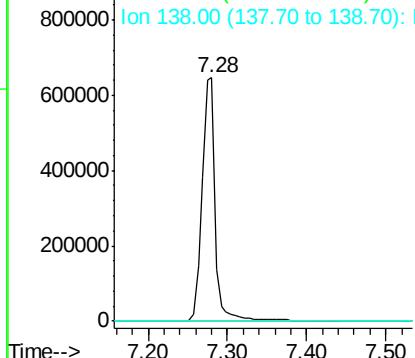
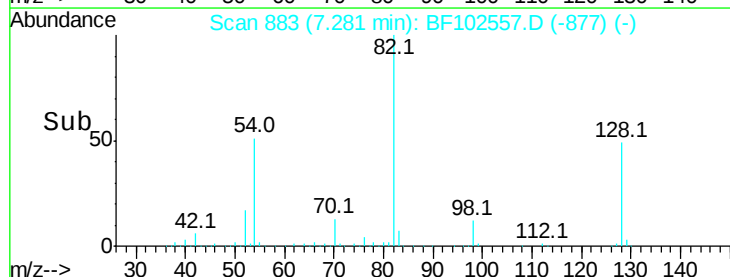


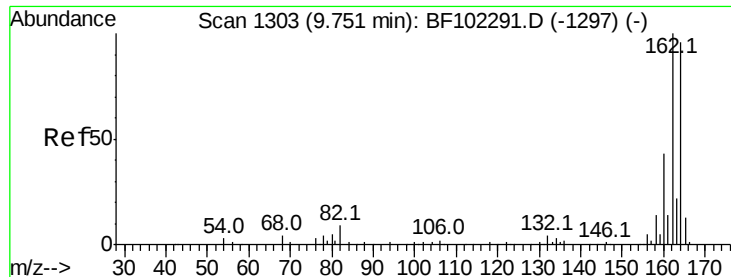
#25
 Isophorone
 Concen: 38.074 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102557.D
 Acq: 28 Jan 2018 15:11

Tgt Ion	82	Resp	751101
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

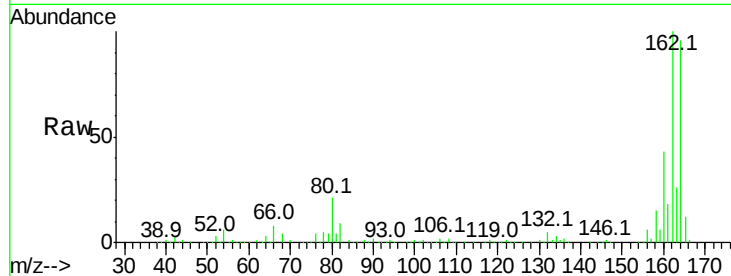




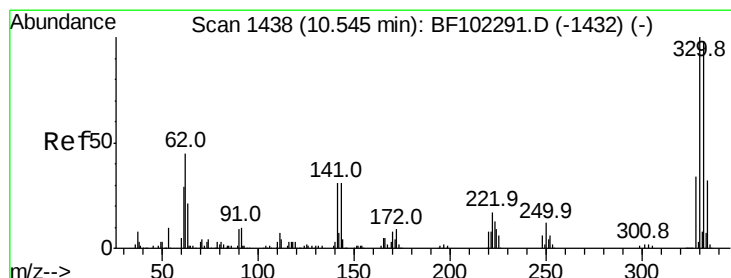
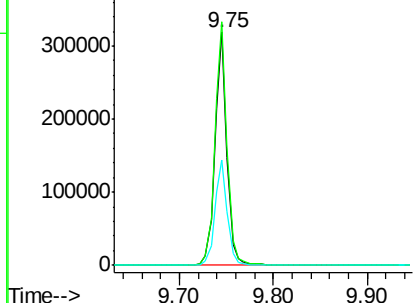
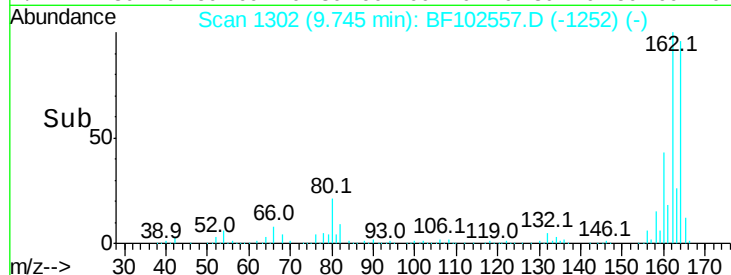
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 287373
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.4 38.3 57.5

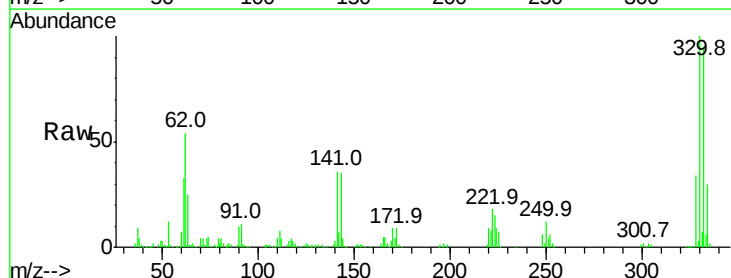


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

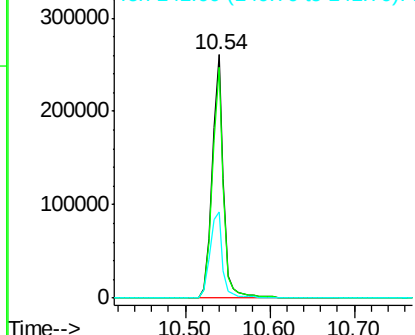
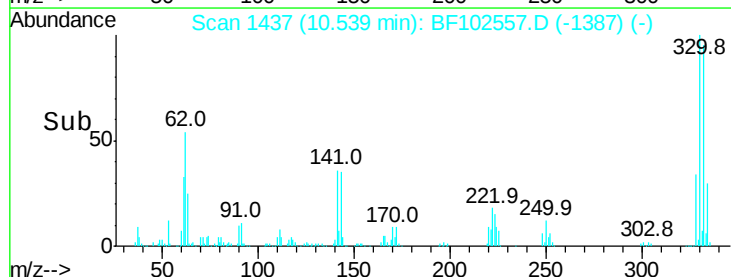


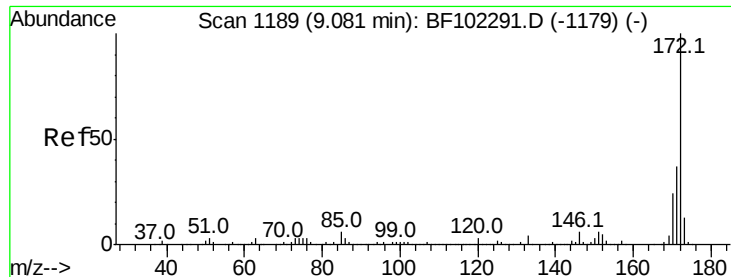
#41
2,4,6-Tribromophenol
Concen: 88.241 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Tgt Ion:330 Resp: 251262
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 39.4 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

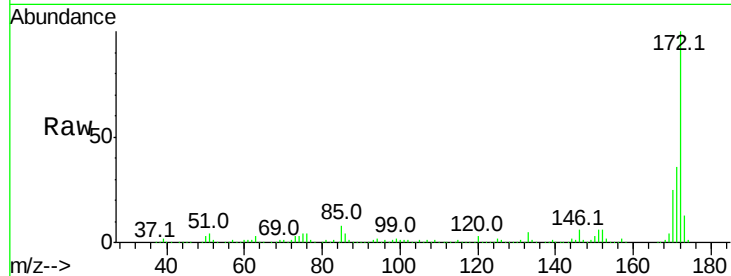




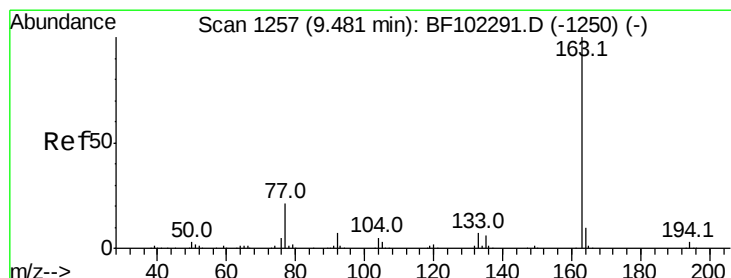
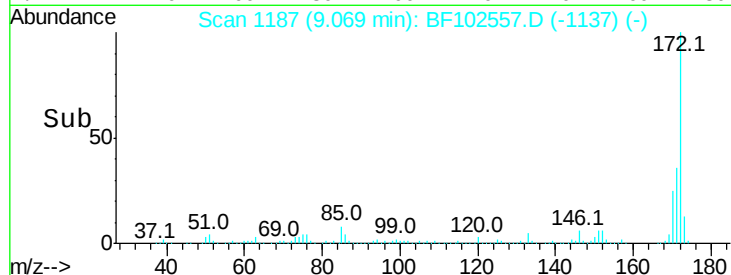
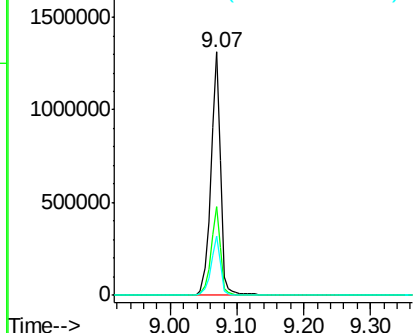
#44
2-Fluorobiphenyl
Concen: 68.216 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1333243
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.6 19.6 29.4

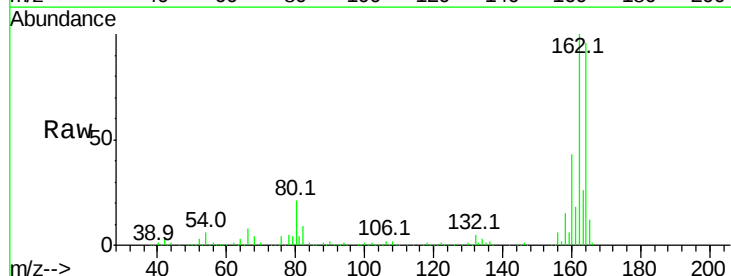


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

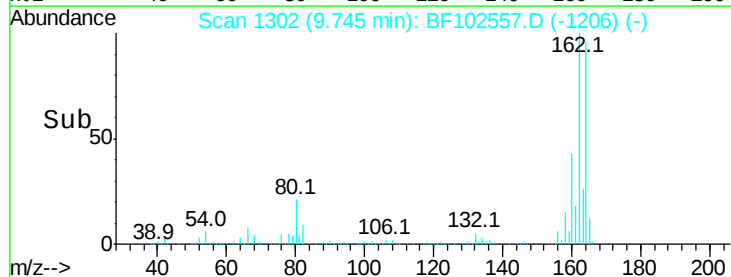
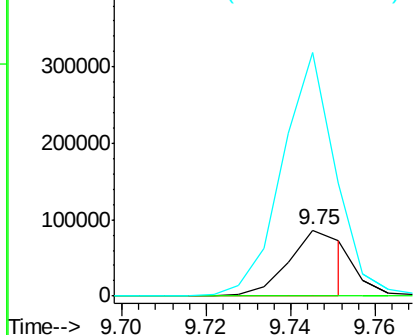


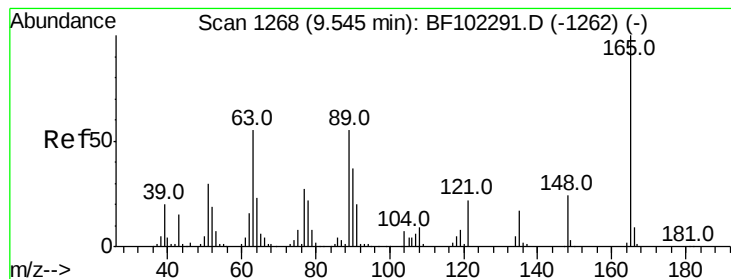
#49
Dimethylphthalate
Concen: 3.271 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.26 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Tgt Ion:163 Resp: 77697
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 368.1 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: 7.055 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

Instrument :

BNA_F

ClientSampleId :

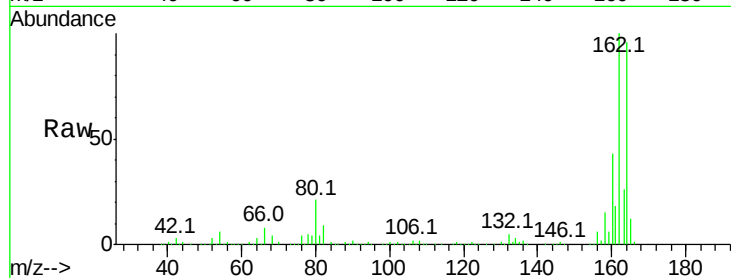
Tot Ion:165 Resp: 36129

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

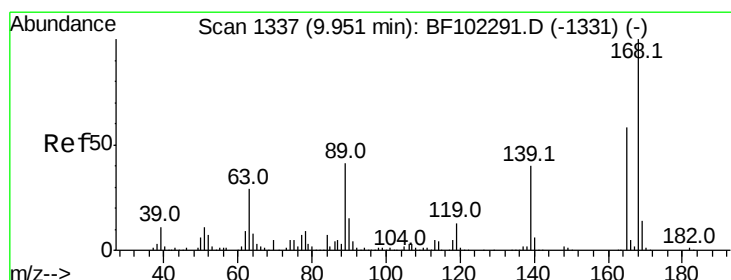
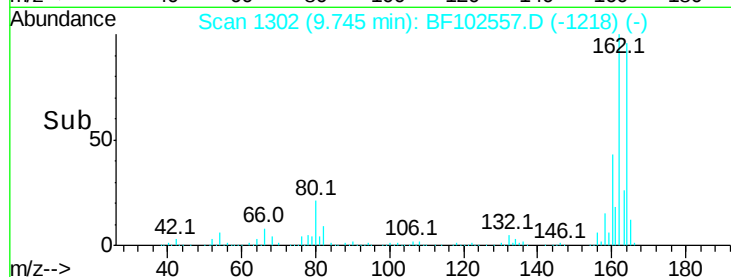
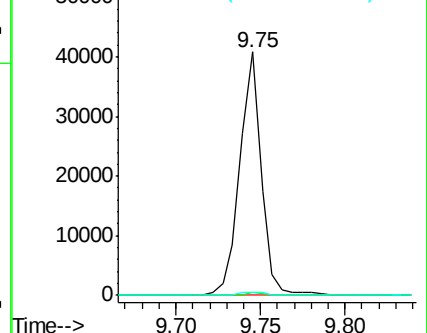
89 1.2 44.0 66.0#



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



#56

2,4-Dinitrotoluene

Concen: 5.737 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

Tgt Ion:165 Resp: 36129

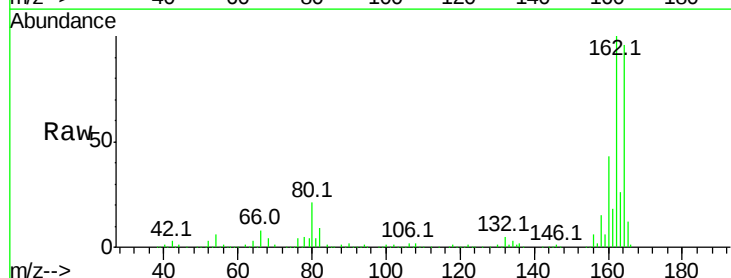
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

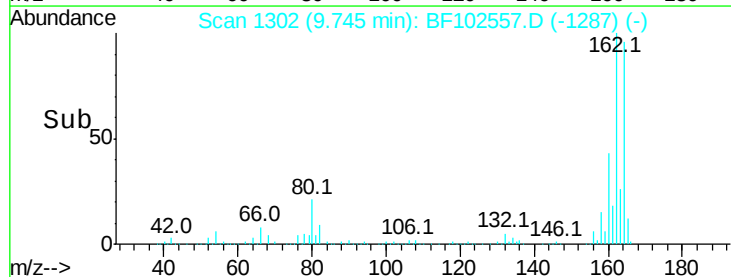
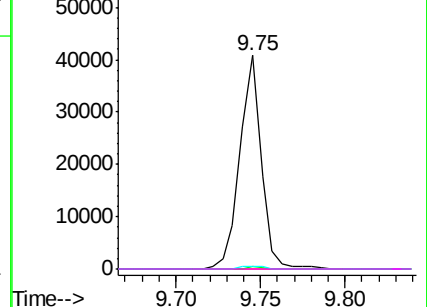


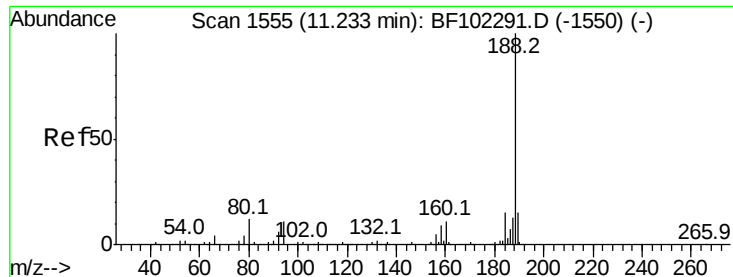
Abundance Ion 165.00 (164.70 to 165.70): E

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

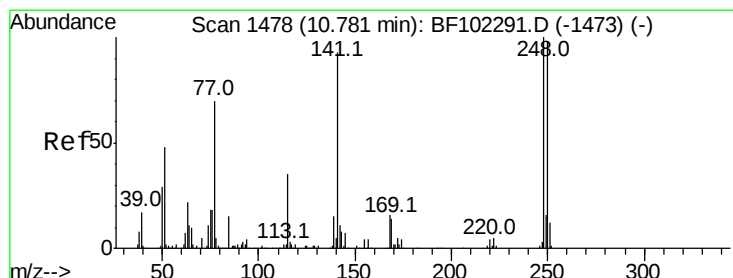
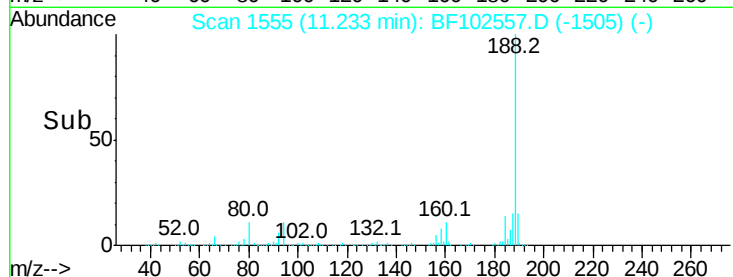
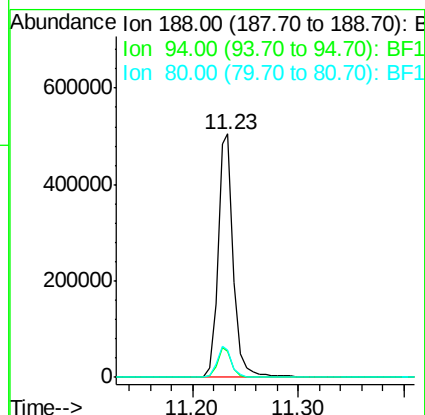
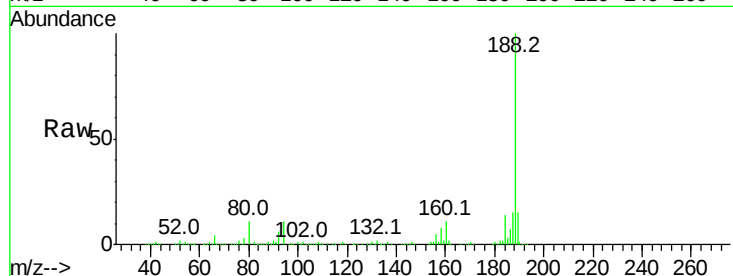




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

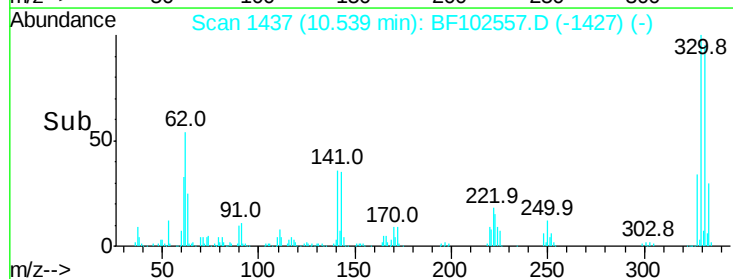
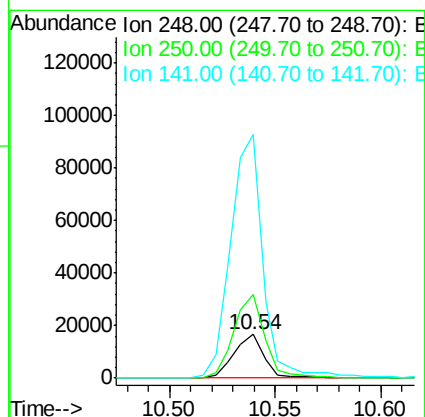
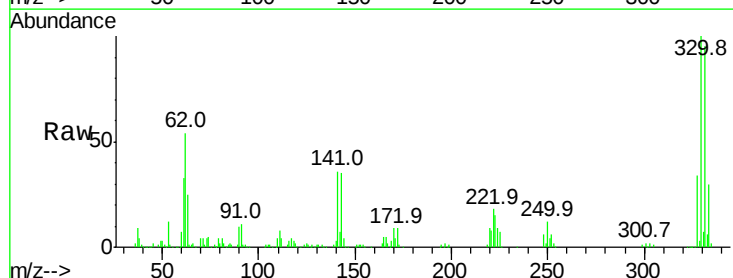
Instrument :
BNA_F
ClientSampleId :

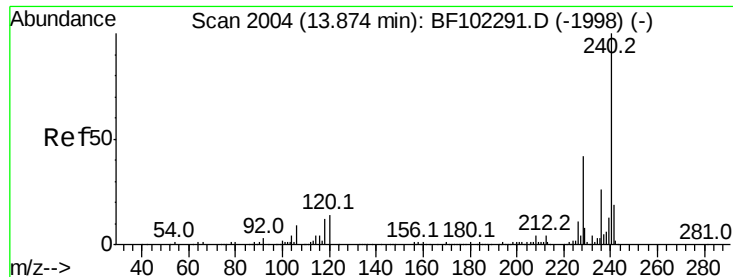
Tot Ion:188 Resp: 521081
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102557.D
Acq: 28 Jan 2018 15:11

Tgt Ion:248 Resp: 16392
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 556.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

Instrument :

BNA_F

ClientSampled :

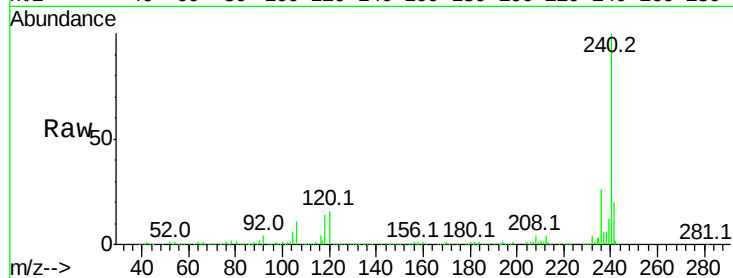
Tot Ion:240 Resp: 433512

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

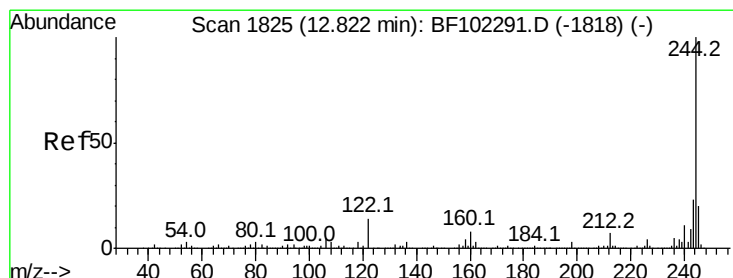
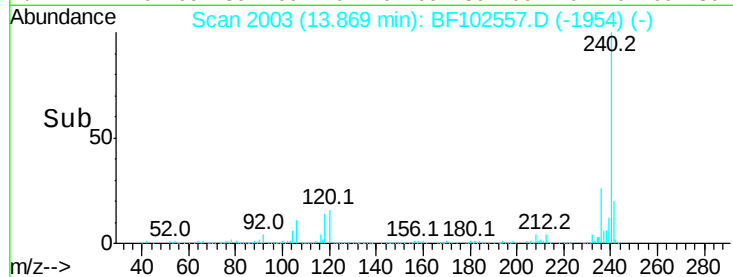
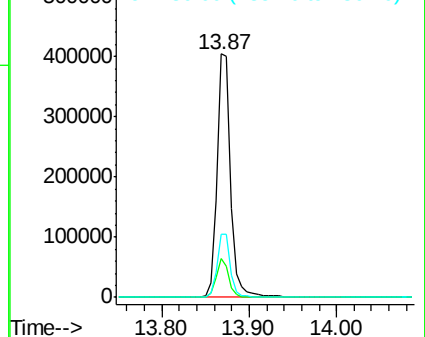
236 25.8 20.7 31.1



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: 65.583 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

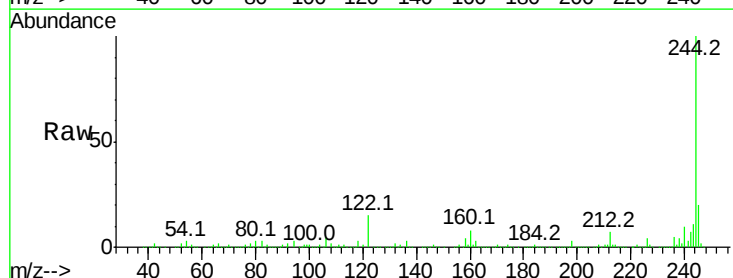
Tgt Ion:244 Resp: 1261150

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

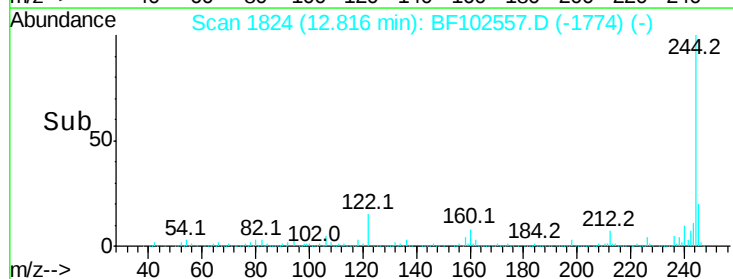
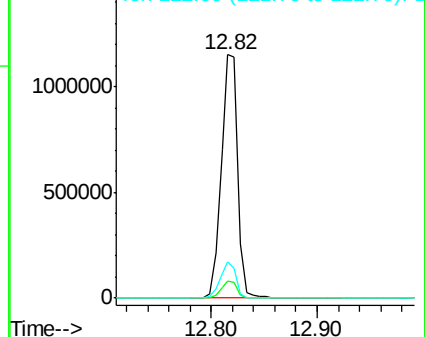
122 14.8 11.0 16.4

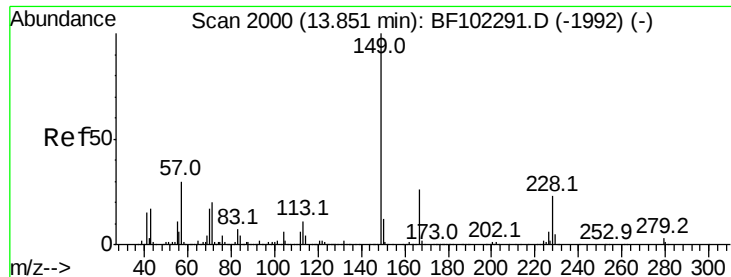


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.052 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

Instrument :

BNA_F

ClientSampleId :

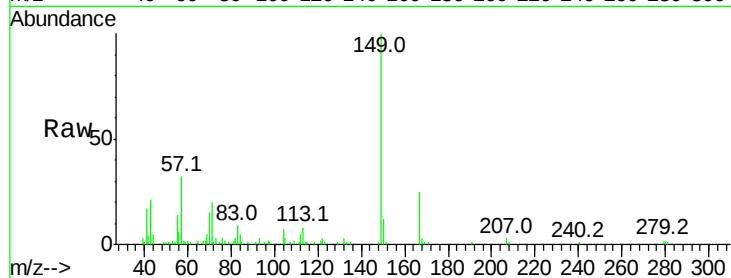
Tot Ion:149 Resp: 45993

Ion Ratio Lower Upper

149 100

167 24.5 21.3 31.9

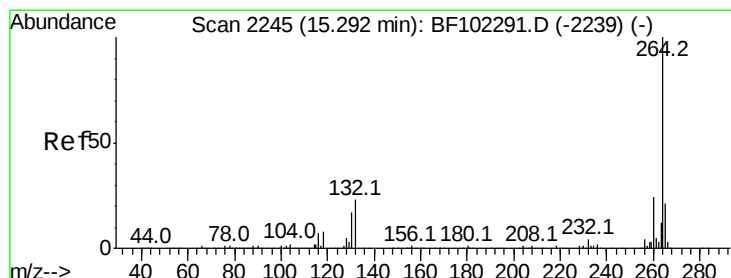
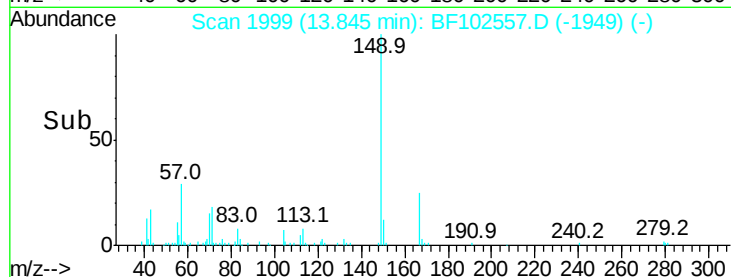
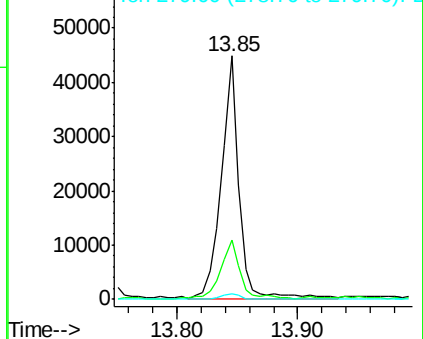
279 2.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF102557.D

Acq: 28 Jan 2018 15:11

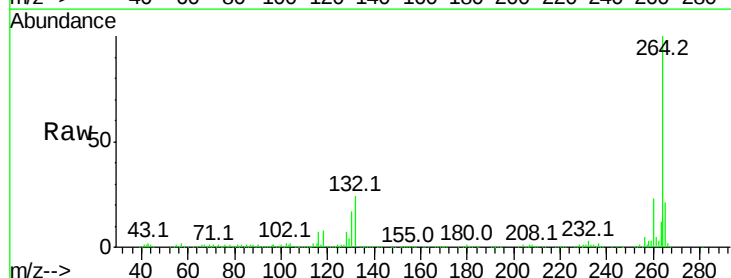
Tgt Ion:264 Resp: 345648

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

