

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102551.D
 Acq On : 28 Jan 2018 10:37
 Operator : SJ/JU
 Sample : J1321-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:57:34 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

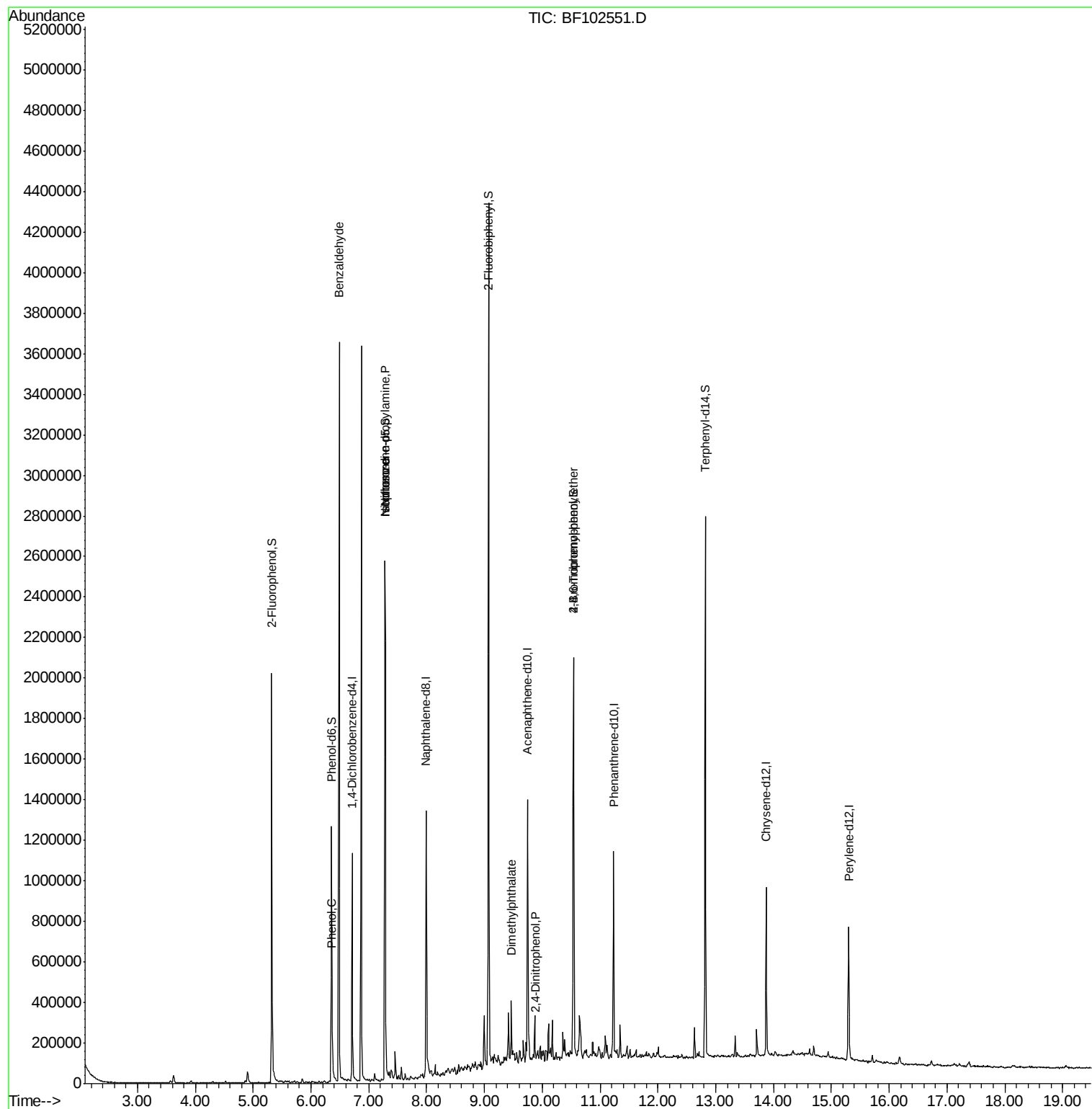
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169879	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	650783	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	253160	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	349111	20.00	ng	0.00
75) Chrysene-d12	13.87	240	309591	20.00	ng	0.00
86) Perylene-d12	15.30	264	267540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	615569	54.94	ng	0.00
7) Phenol-d6	6.35	99	463628	34.32	ng	-0.01
23) Nitrobenzene-d5	7.28	82	935737	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	222011	88.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1487456	86.39	ng	0.00
78) Terphenyl-d14	12.82	244	981763	71.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	21378	2.307	ng	85
10) Phenol	6.37	94	32569	2.209	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	122468	14.816	ng	# 80
25) Isophorone	7.28	82	935737	46.349	ng	# 64
49) Dimethylphthalate	9.46	163	96378	4.606	ng	99
53) 2,4-Dinitrophenol	9.89	184	157	3.770	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15282	4.066	ng	# 1

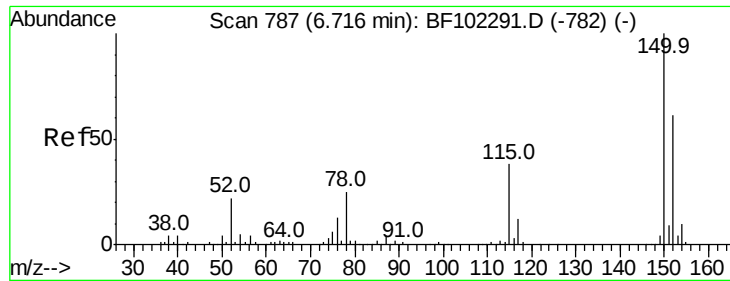
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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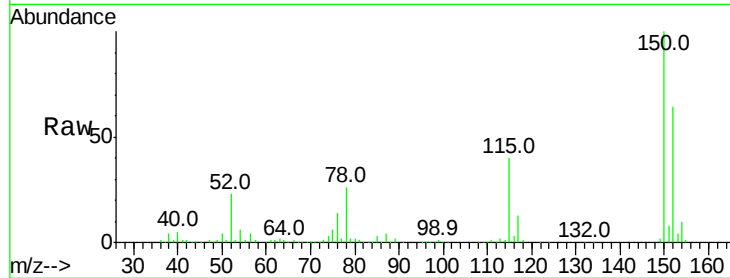


#1

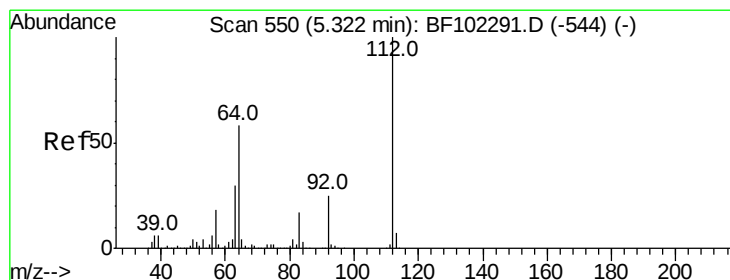
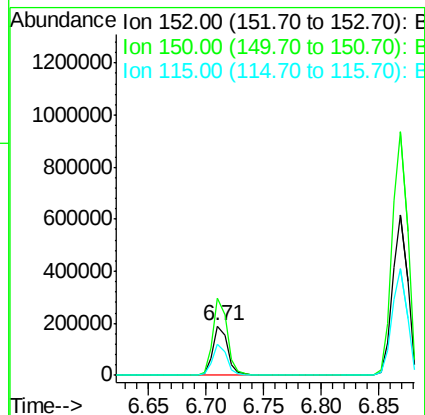
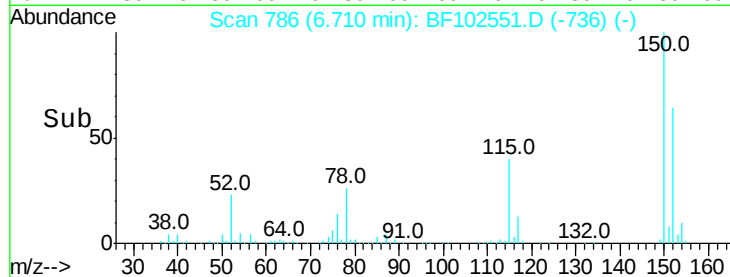
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169879
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.2 50.1 75.1



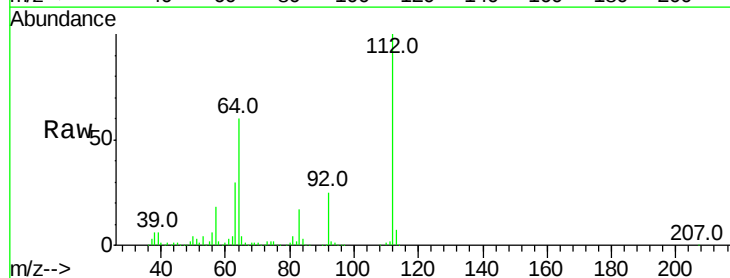
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



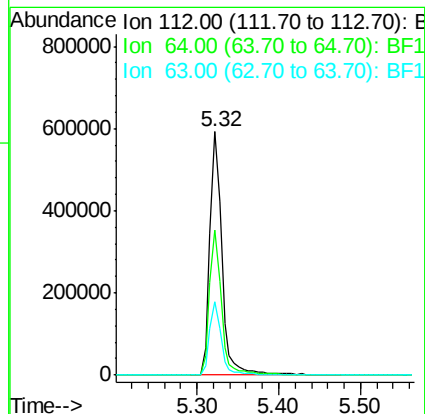
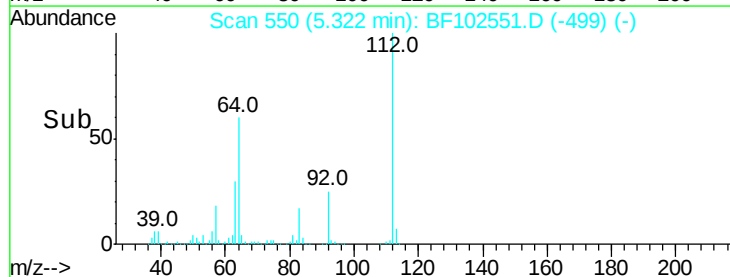
#5

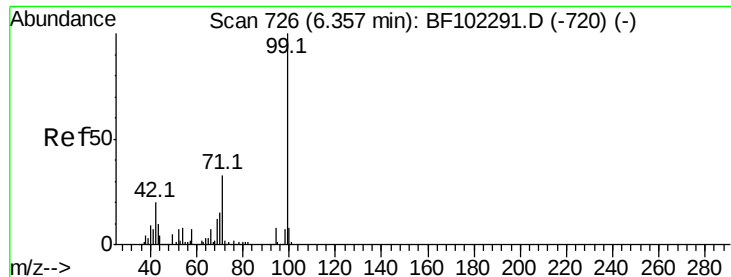
2-Fluorophenol
Concen: 54.943 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Tgt Ion:112 Resp: 615569
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.9 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: 34.324 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA_F

ClientSampleId :

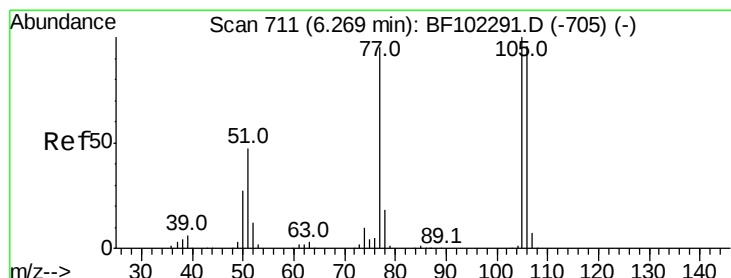
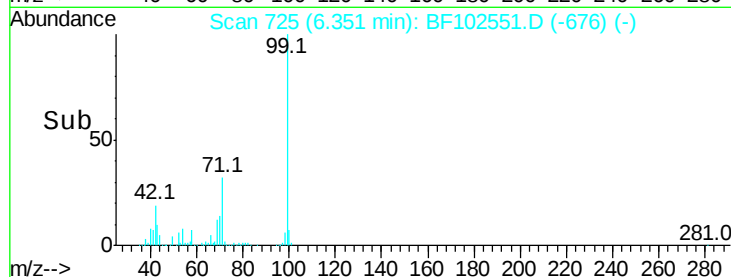
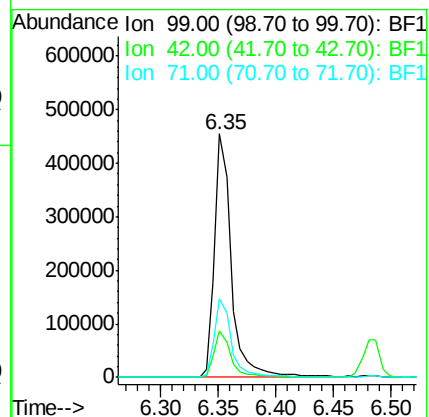
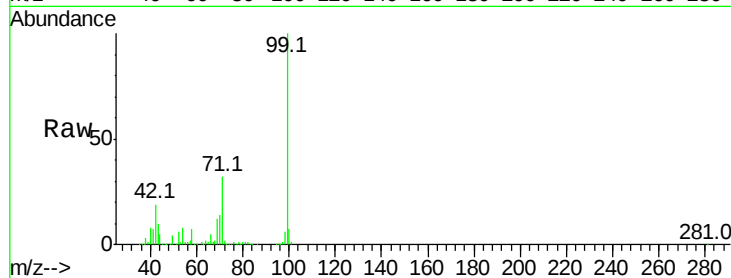
Tot Ion: 99 Resp: 463628

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.2 25.4 38.0



#9

Benzaldehyde

Concen: 2.307 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

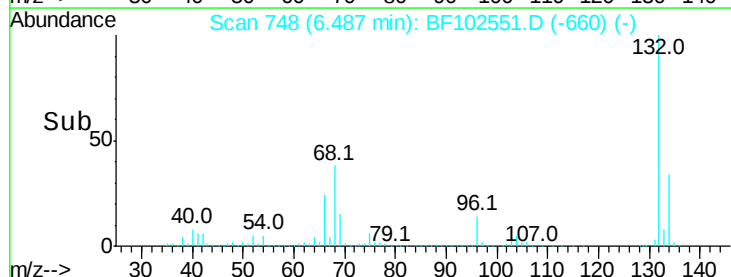
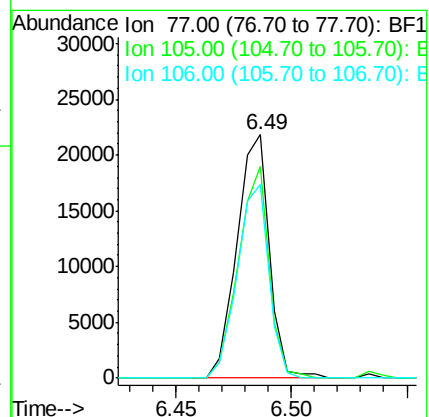
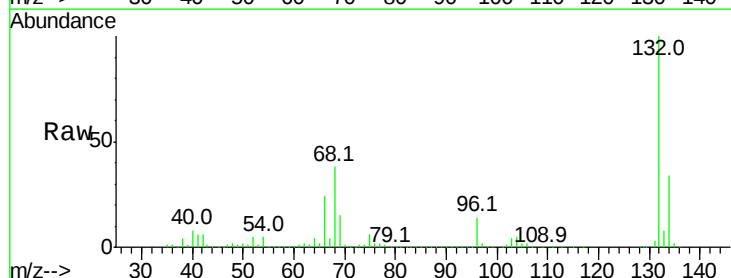
Tgt Ion: 77 Resp: 21378

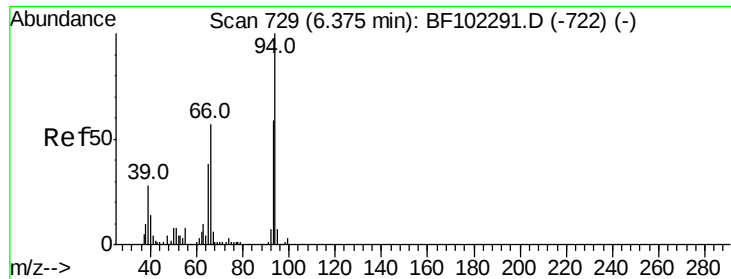
Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

106 79.4 74.5 114.5





#10

Phenol

Concen: 2.209 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA_F

ClientSampleId :

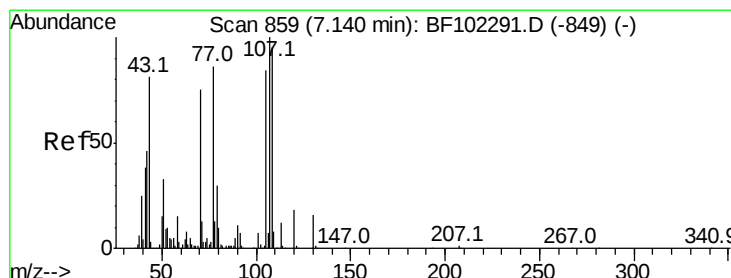
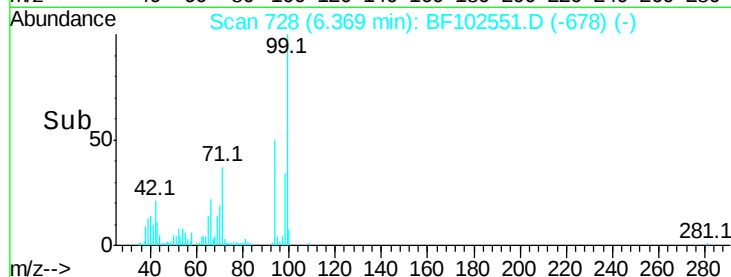
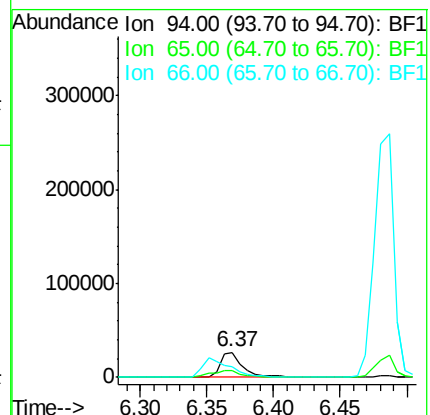
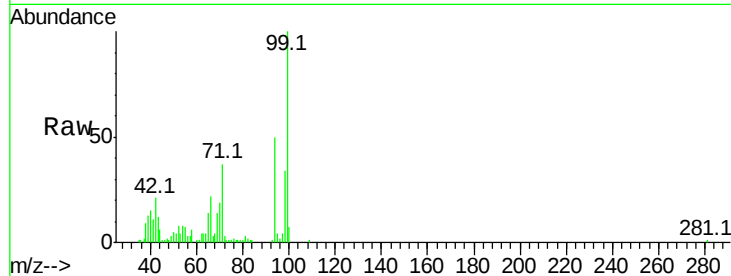
Tot Ion: 94 Resp: 32569

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 43.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.816 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Tgt Ion: 70 Resp: 122468

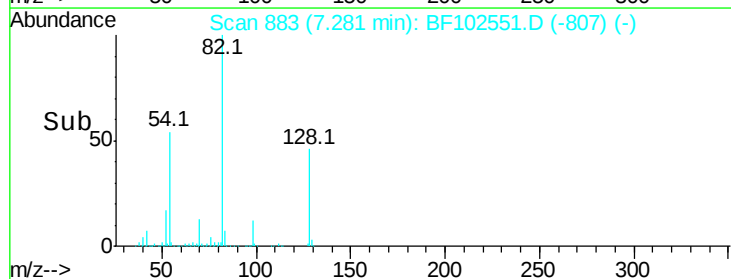
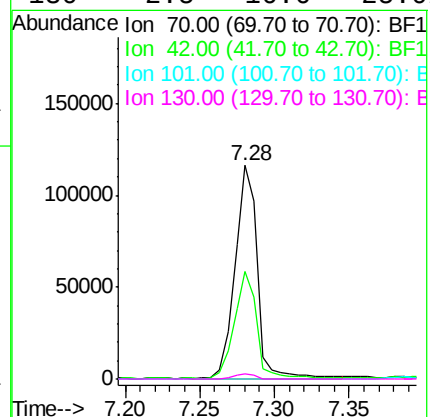
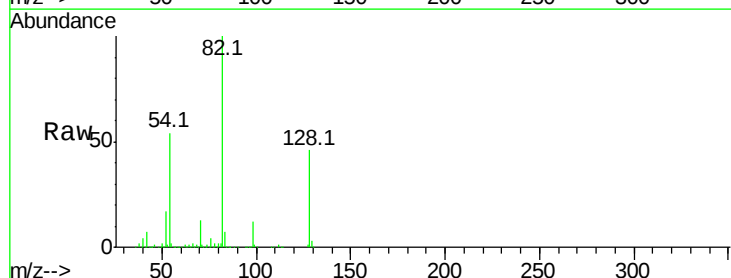
Ion Ratio Lower Upper

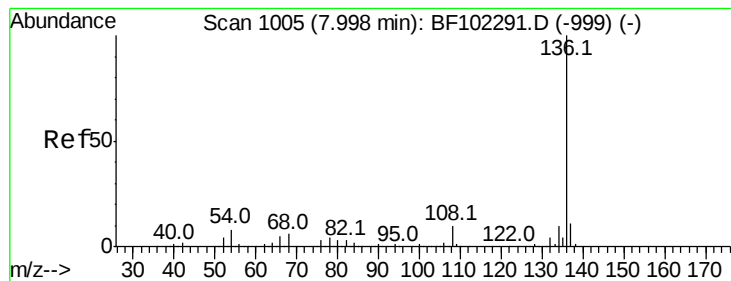
70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 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: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 650783

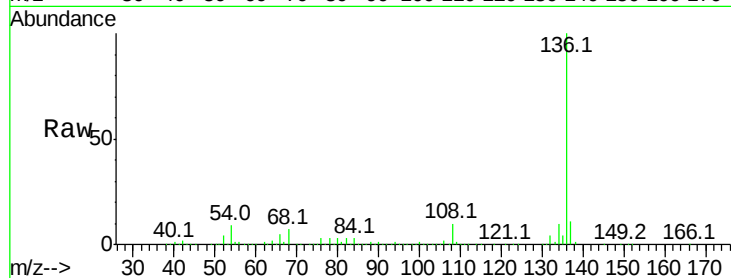
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

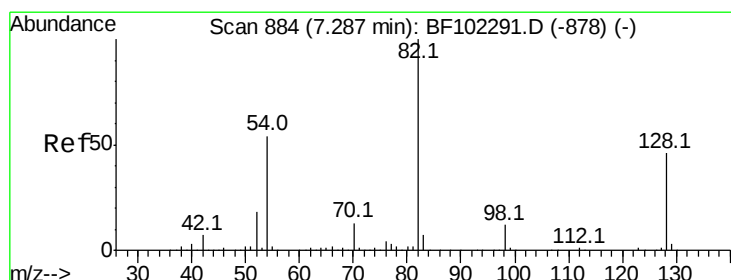
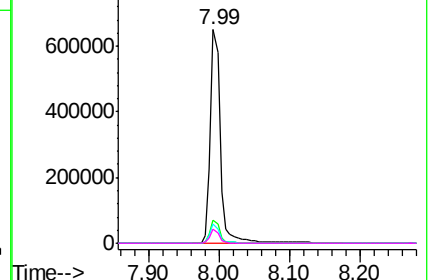
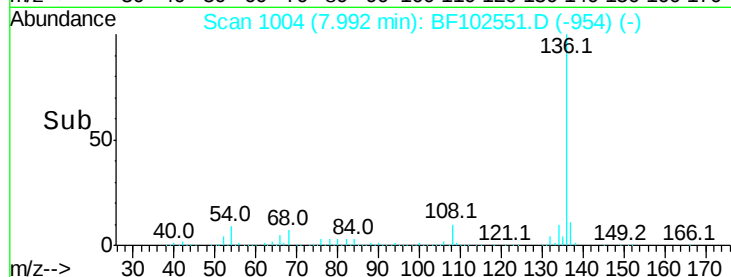


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.630 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

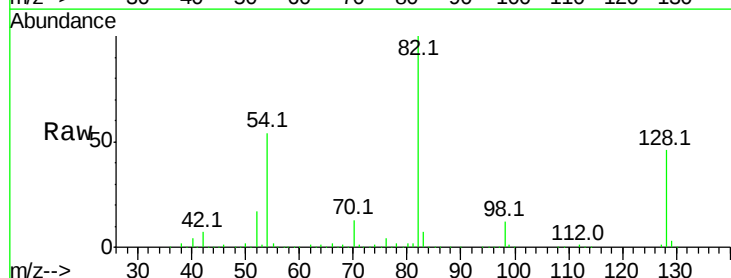
Tgt Ion: 82 Resp: 935737

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

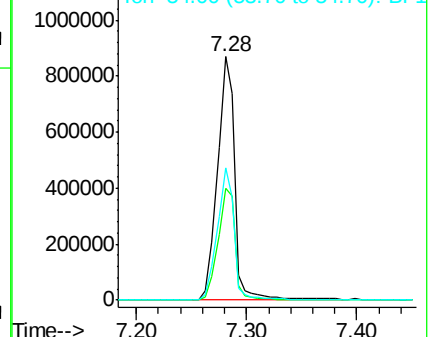
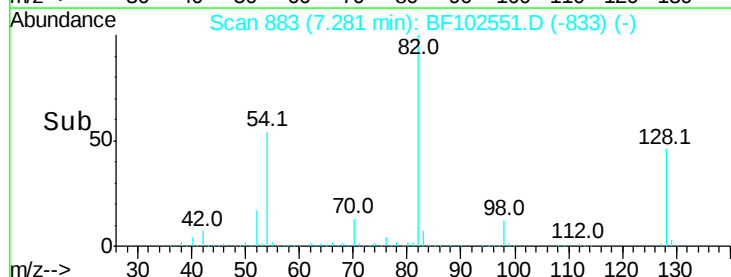
54 54.1 41.4 62.2

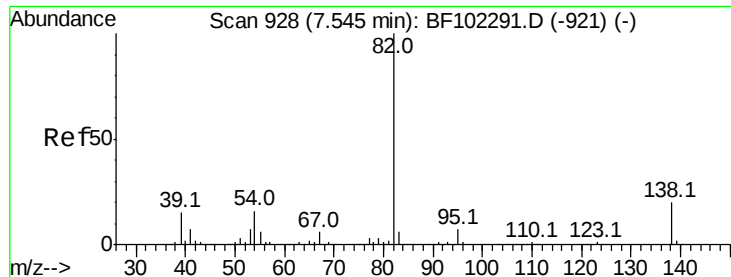


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

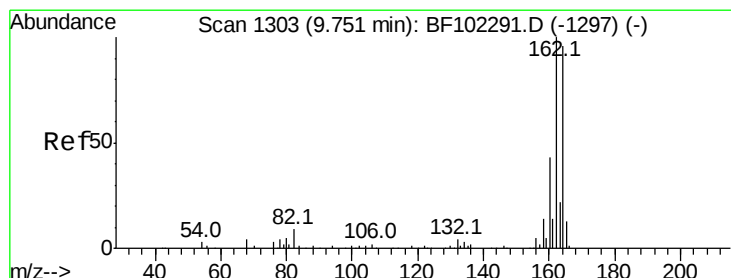
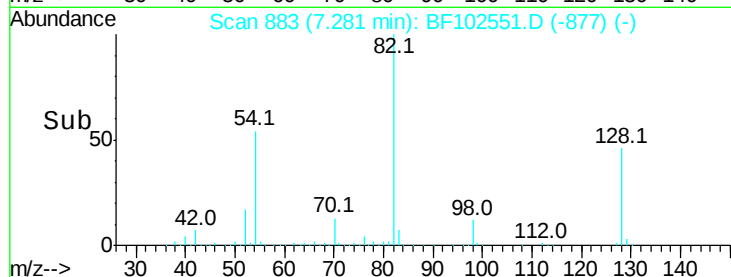
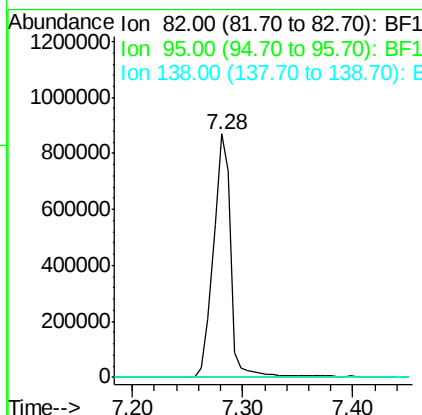
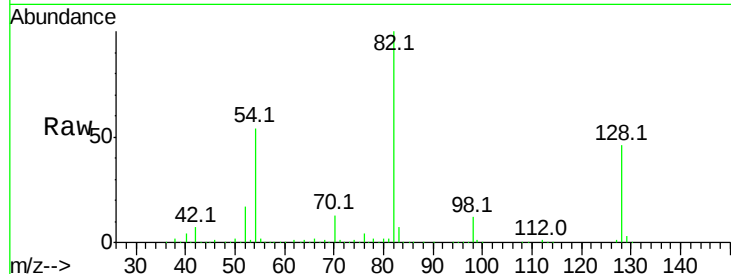




#25
Isophorone
Concen: 46.349 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

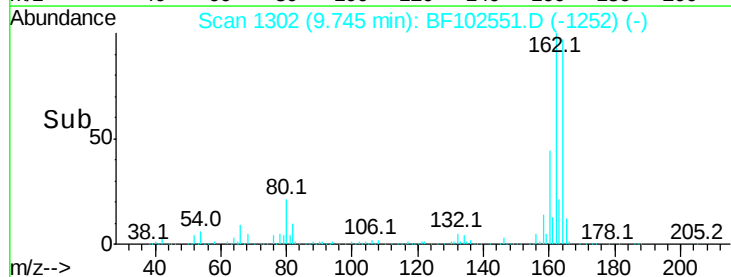
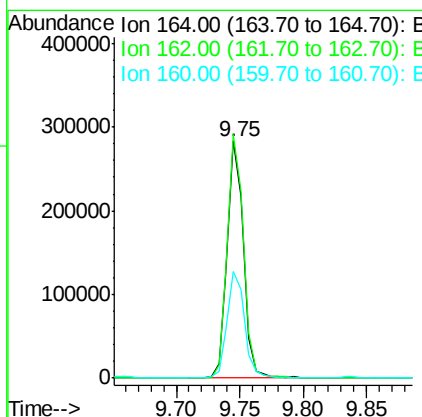
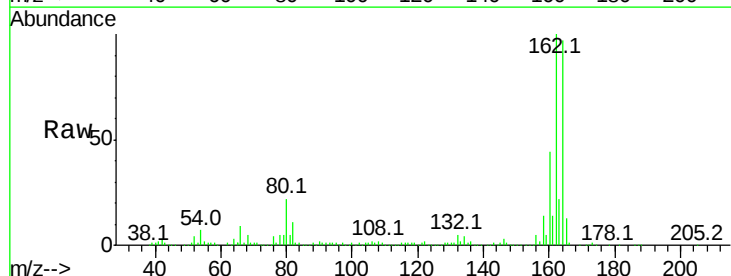
Instrument :
BNA_F
ClientSampleID :

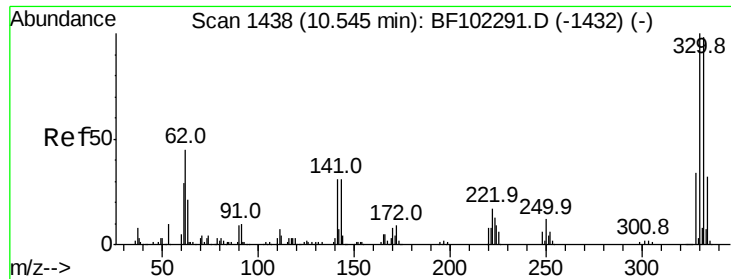
Tot Ion: 82 Resp: 935737
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Tgt Ion:164 Resp: 253160
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.2 38.3 57.5

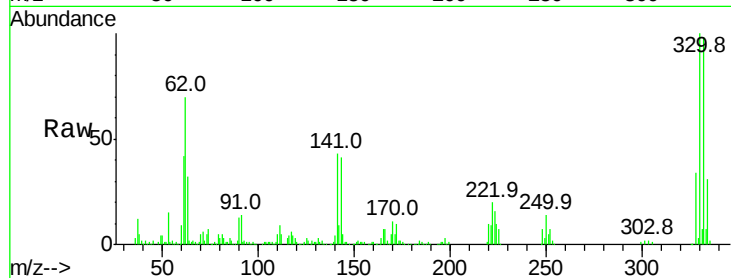




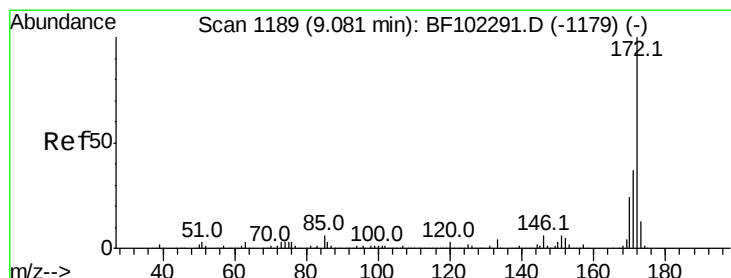
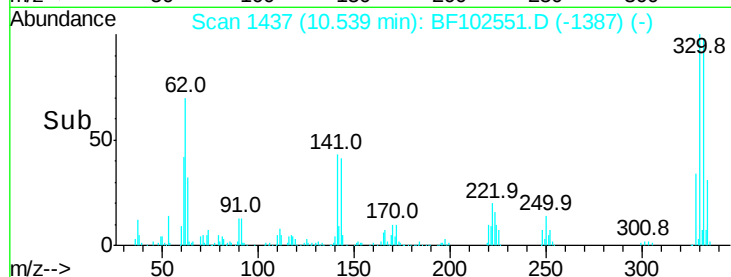
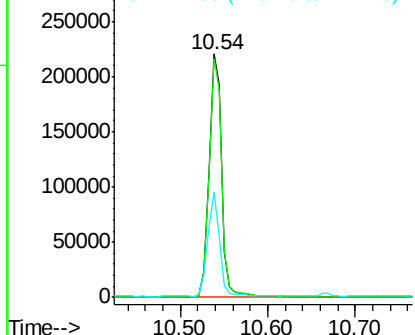
#41
 2,4,6-Tribromophenol
 Concen: 88.505 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102551.D
 Acq: 28 Jan 2018 10:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 222011
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 40.2 29.9 44.9

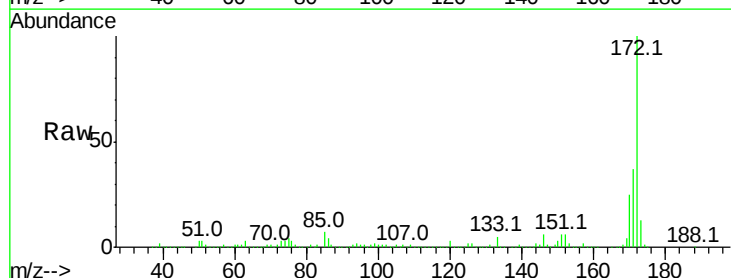


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

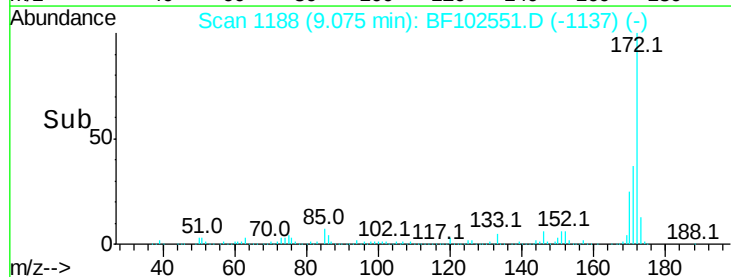
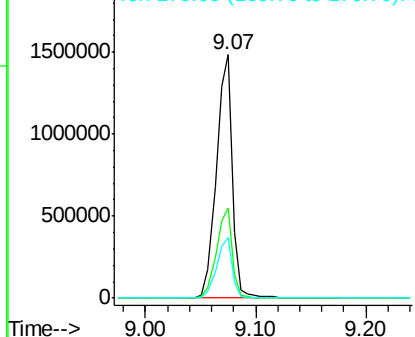


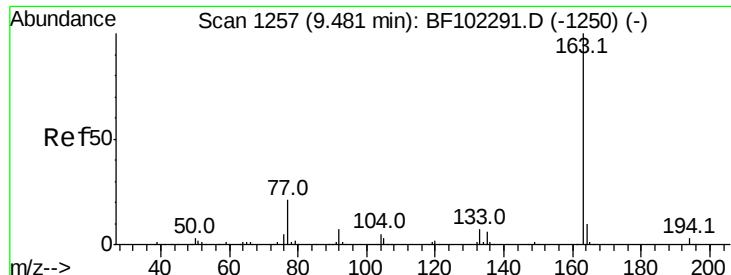
#44
 2-Fluorobiphenyl
 Concen: 86.391 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102551.D
 Acq: 28 Jan 2018 10:37

Tgt Ion:172 Resp: 1487456
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 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

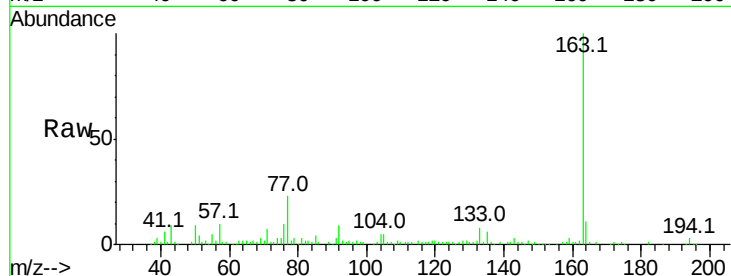




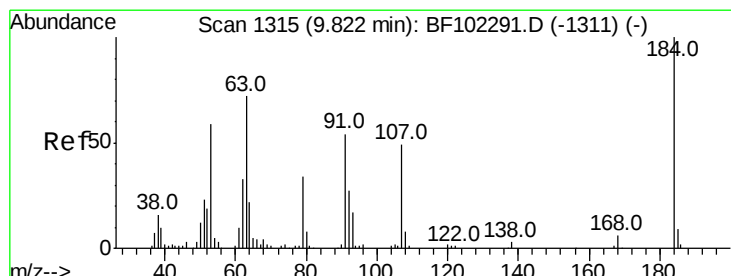
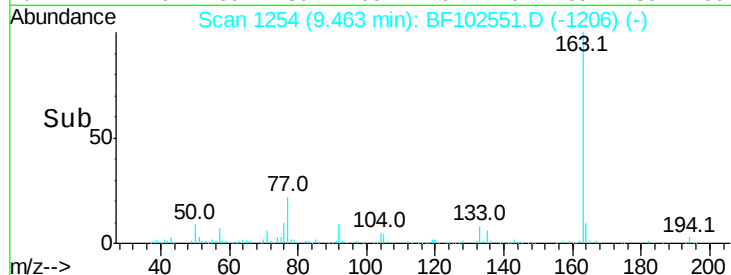
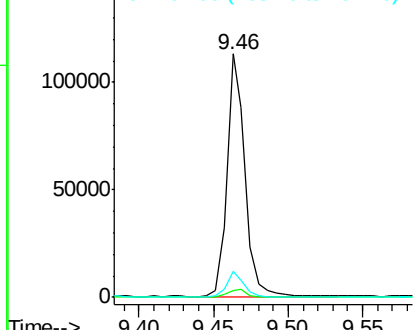
#49
Dimethylphthalate
Concen: 4.606 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 96378
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.6 8.2 12.2

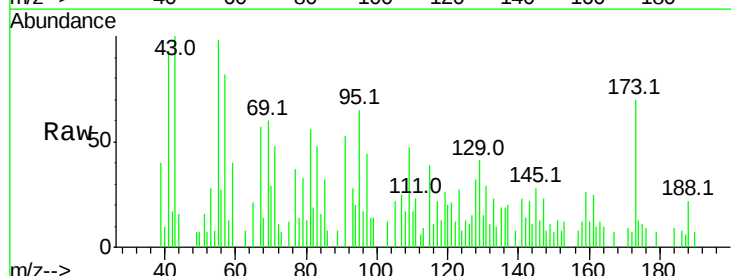


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

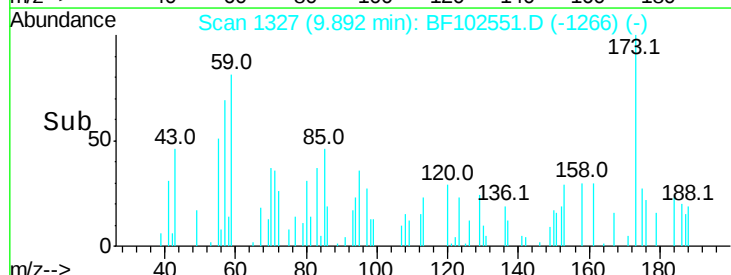
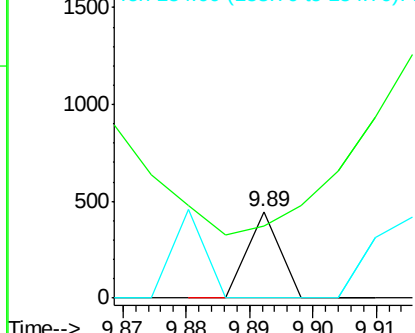


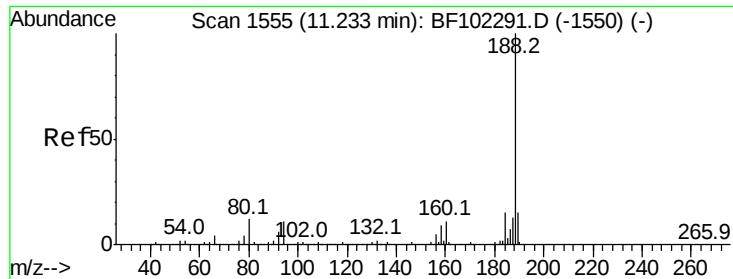
#53
2,4-Dinitrophenol
Concen: 3.770 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Tgt Ion:184 Resp: 157
Ion Ratio Lower Upper
184 100
63 83.9 54.2 81.2#
154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

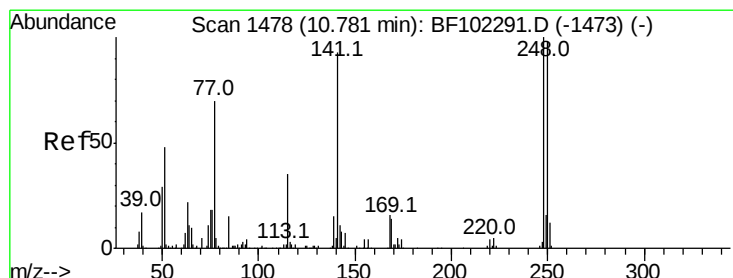
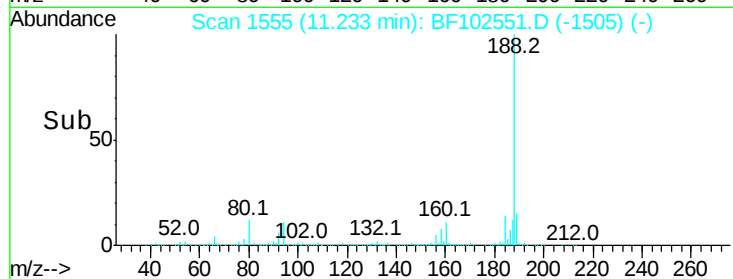
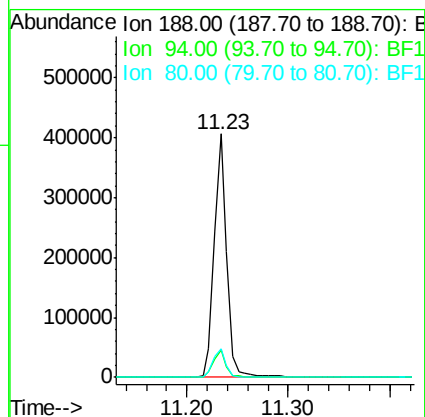
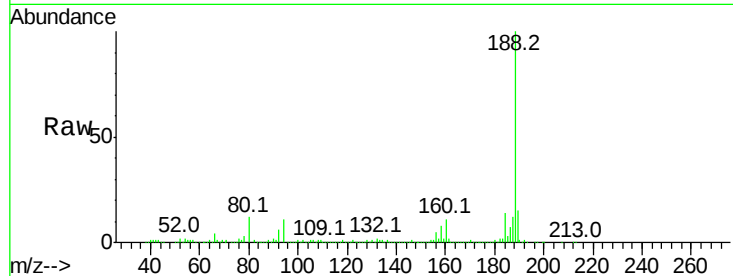




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

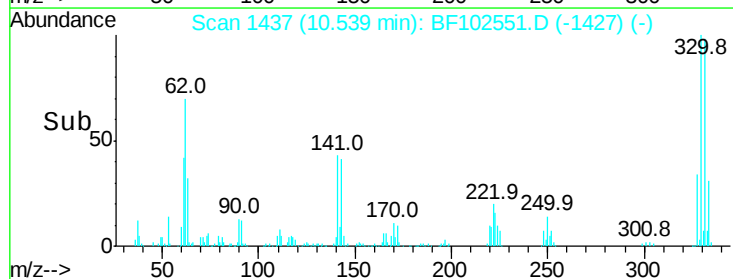
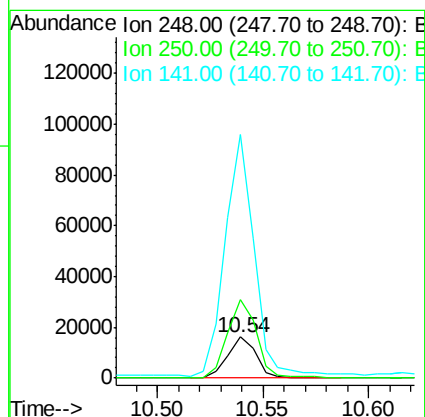
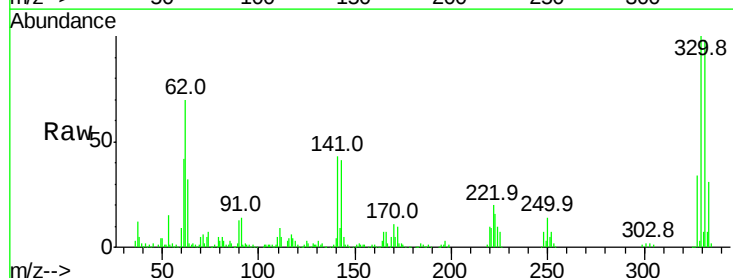
Instrument :
BNA_F
ClientSampled :

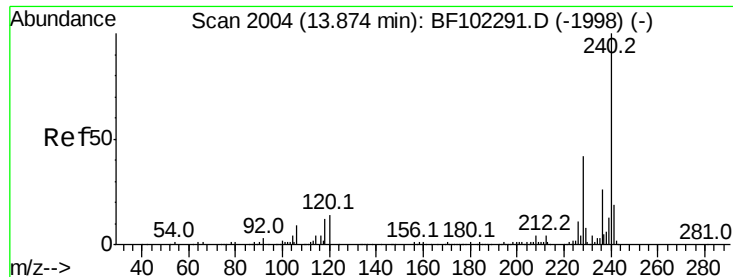
Tot Ion:188 Resp: 349111
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Tgt Ion:248 Resp: 15282
Ion Ratio Lower Upper
248 100
250 190.8 76.9 115.3#
141 590.6 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: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA_F

ClientSampleId :

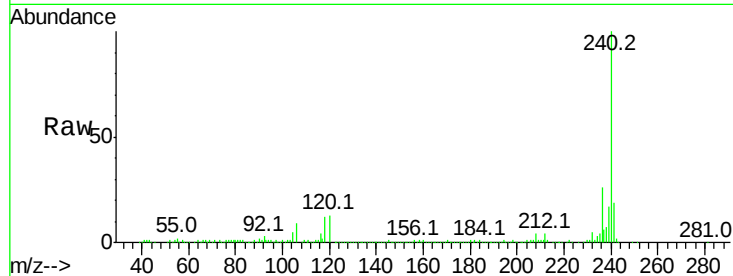
Tot Ion:240 Resp: 309591

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

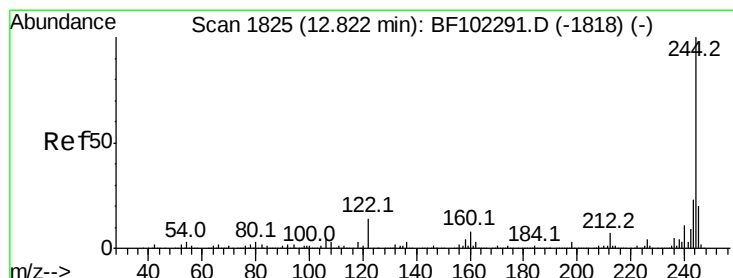
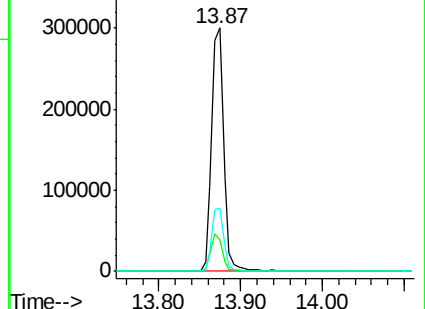
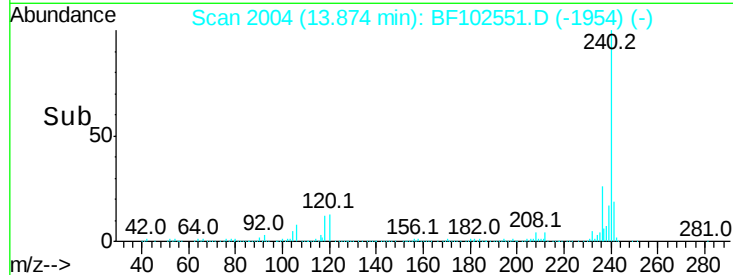
236 25.9 20.7 31.1



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: 71.489 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

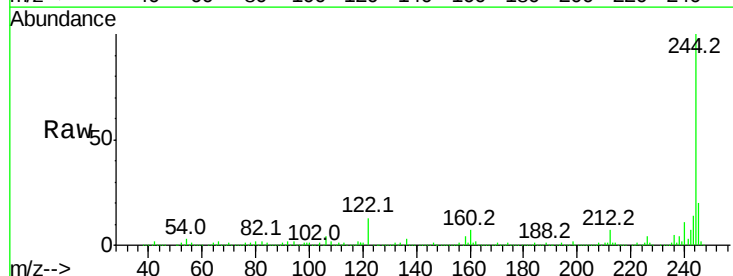
Tgt Ion:244 Resp: 981763

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

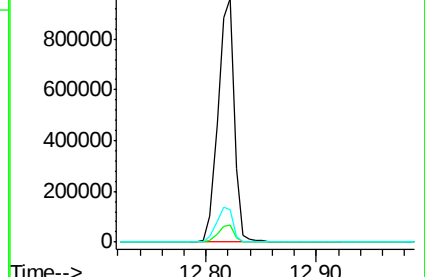
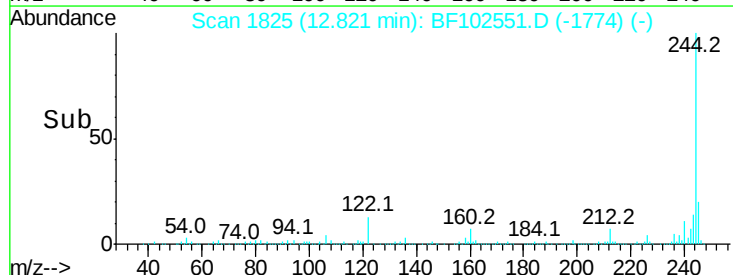
122 13.4 11.0 16.4

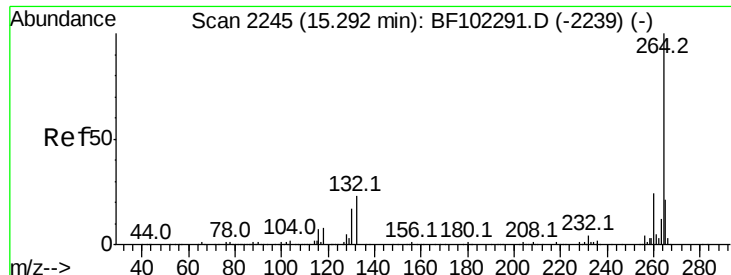


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102551.D
Acq: 28 Jan 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.8	17.5	26.3

