

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102449.D
 Acq On : 26 Jan 2018 2:52
 Operator : SJ/JU
 Sample : J1289-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 04:47:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

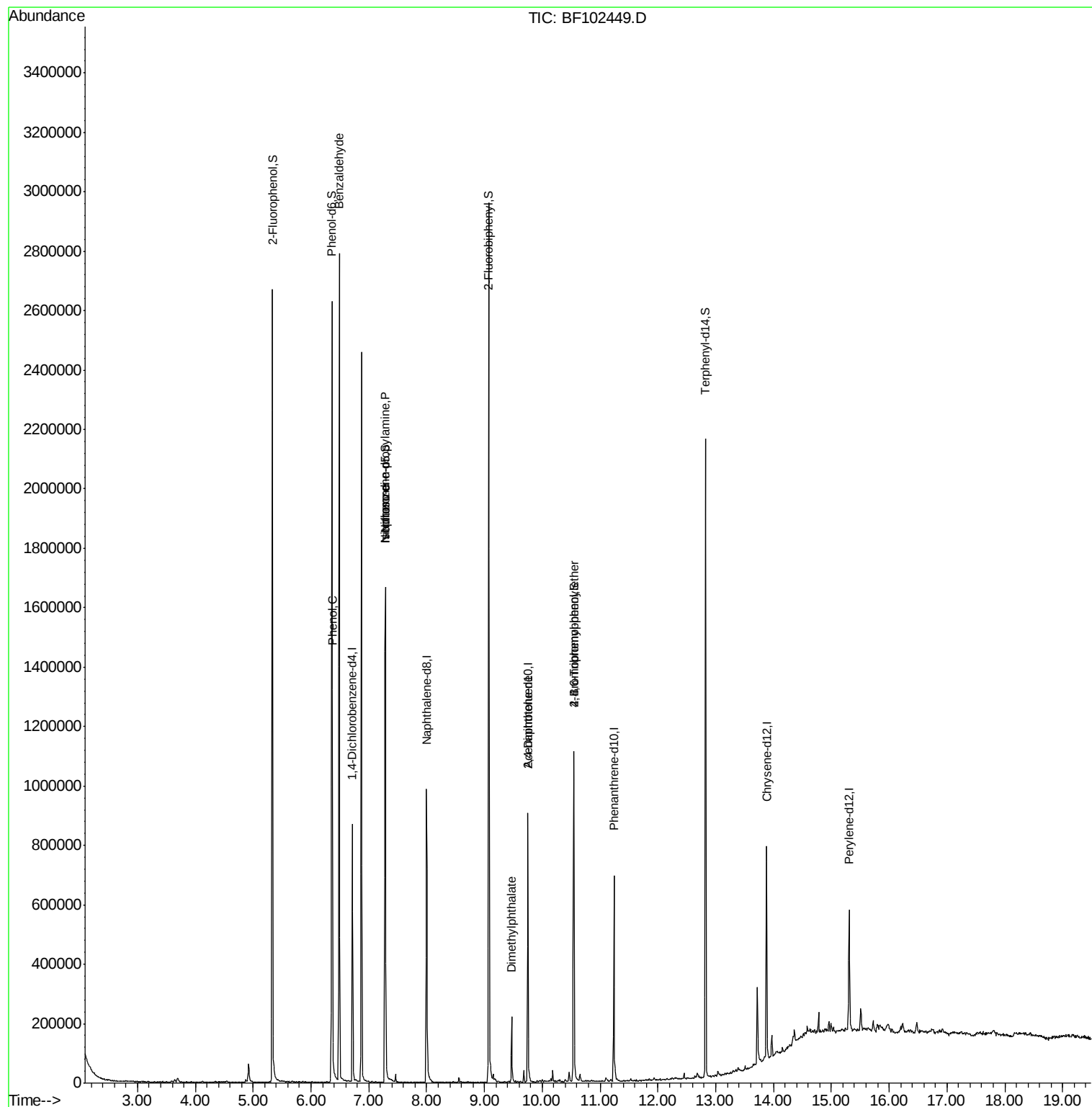
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124459	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	478486	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174982	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	261721	20.00	ng	0.00
75) Chrysene-d12	13.88	240	256542	20.00	ng	0.00
86) Perylene-d12	15.31	264	193794	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	796658	97.06	ng	0.01
7) Phenol-d6	6.36	99	941136	95.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	571851	68.68	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	134659	77.67	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	954298	80.19	ng	0.00
78) Terphenyl-d14	12.82	244	738976	64.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	16426	2.412	ng	82
10) Phenol	6.37	94	39903	3.694	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	73373	12.116	ng	# 78
25) Isophorone	7.29	82	571846	38.524	ng	# 64
49) Dimethylphthalate	9.47	163	95861	6.628	ng	99
56) 2,4-Dinitrotoluene	9.75	165	21695	5.658	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	8870	3.148	ng	# 1

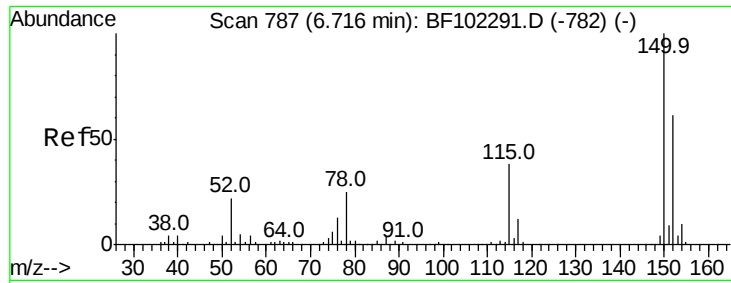
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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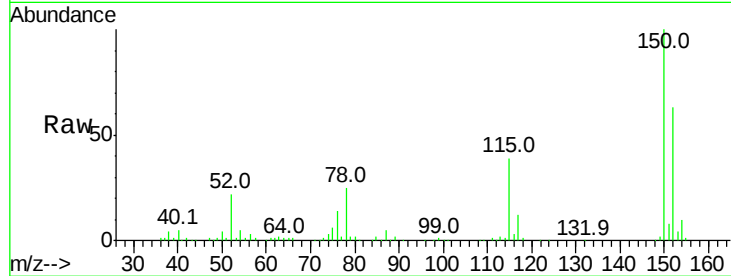


#1

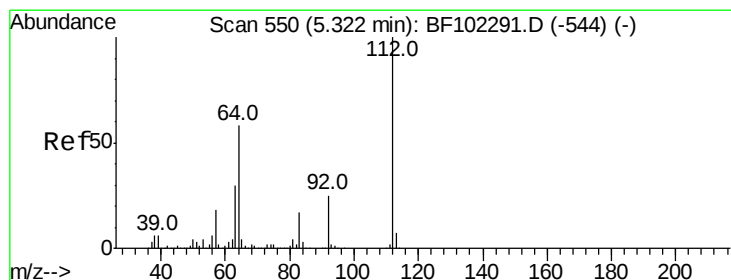
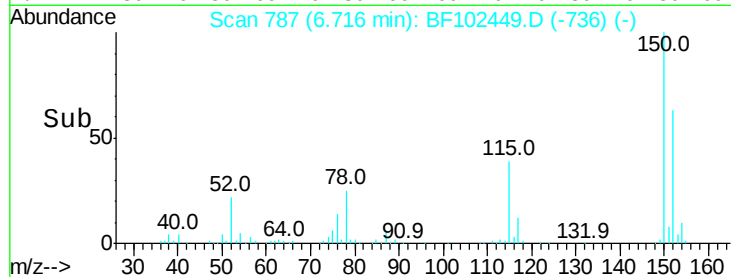
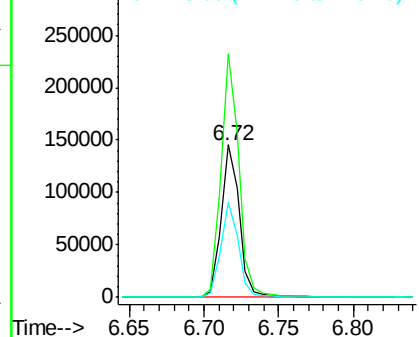
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124459
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.3 50.1 75.1



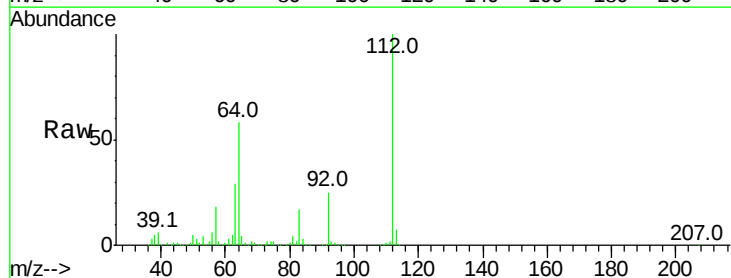
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



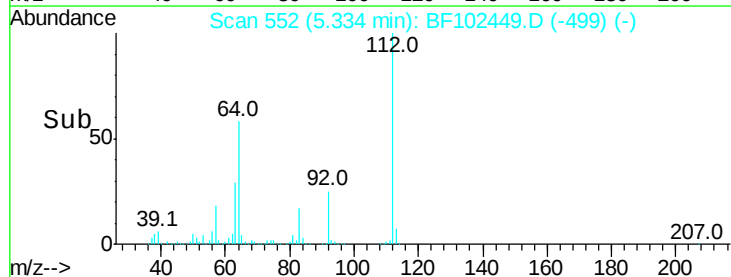
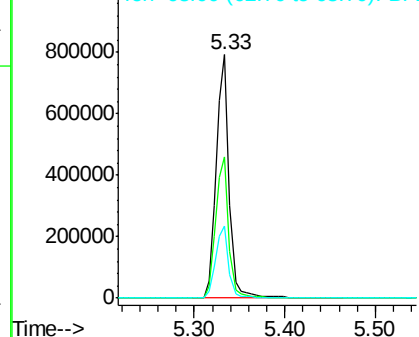
#5

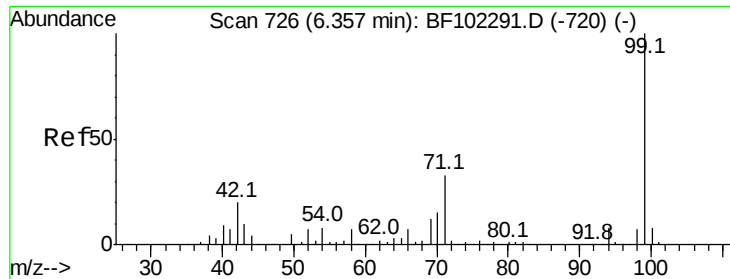
2-Fluorophenol
Concen: 97.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion:112 Resp: 796658
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.4 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: 95.104 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampled :

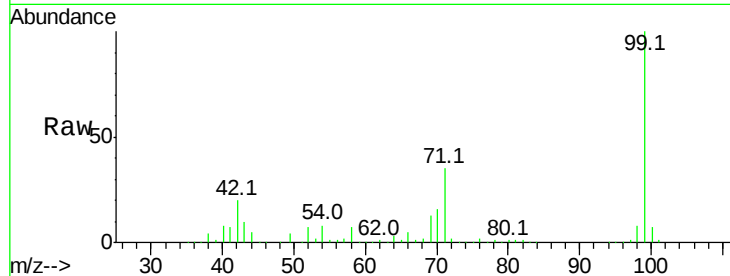
Tot Ion: 99 Resp: 941136

Ion Ratio Lower Upper

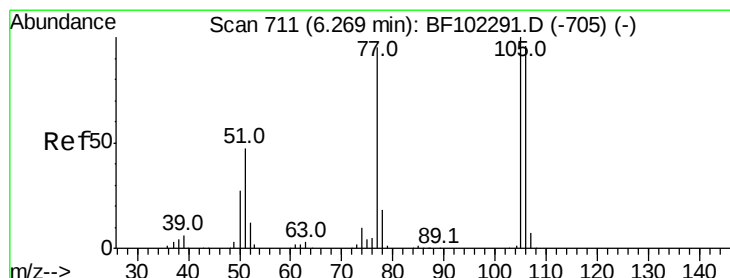
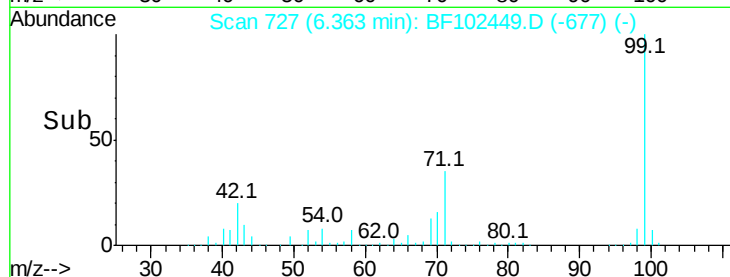
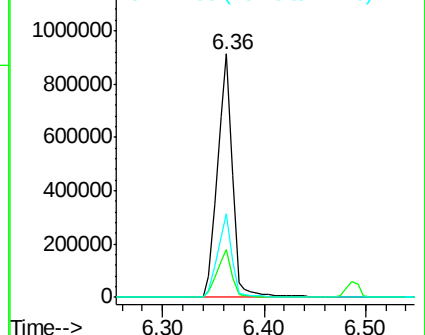
99 100

42 19.8 14.5 21.7

71 34.5 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: 2.412 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

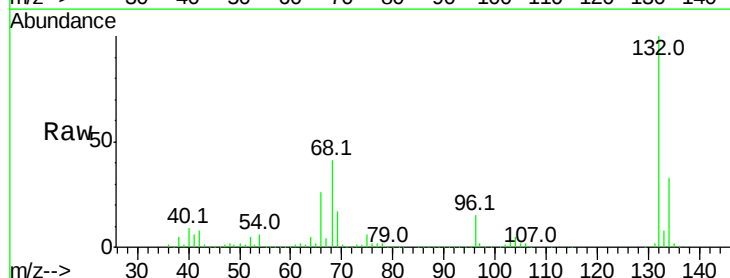
Tgt Ion: 77 Resp: 16426

Ion Ratio Lower Upper

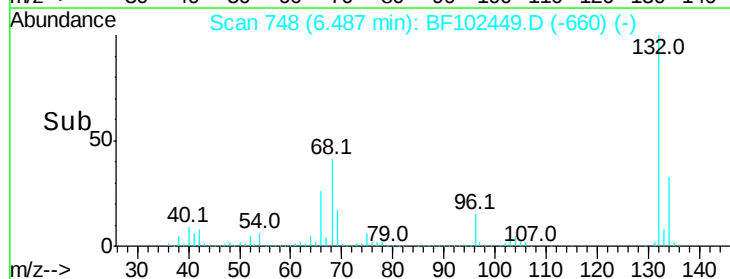
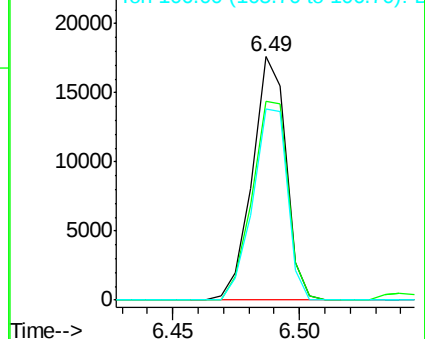
77 100

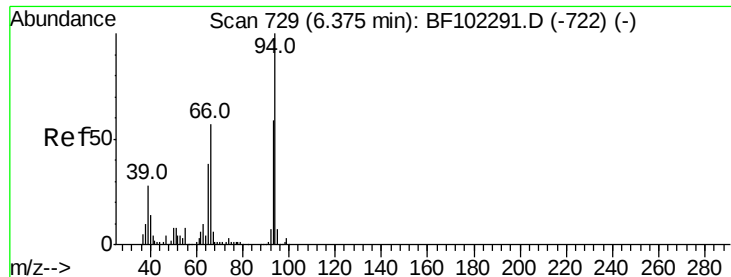
105 81.6 81.1 121.1

106 78.5 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: 3.694 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

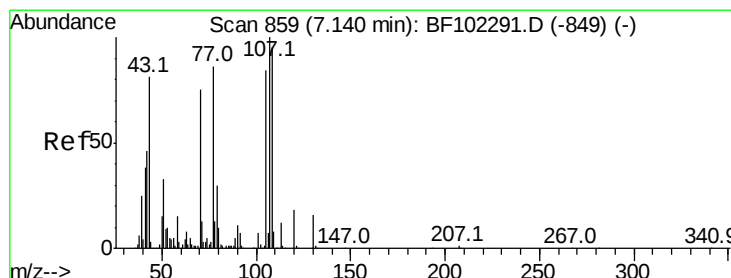
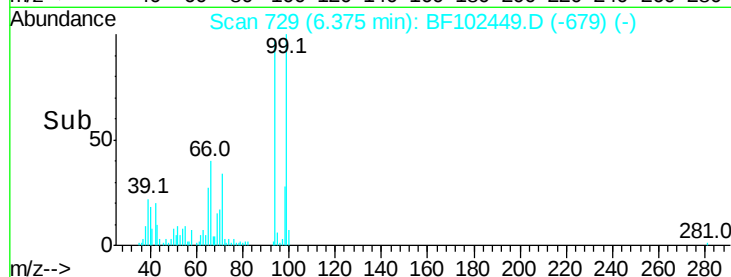
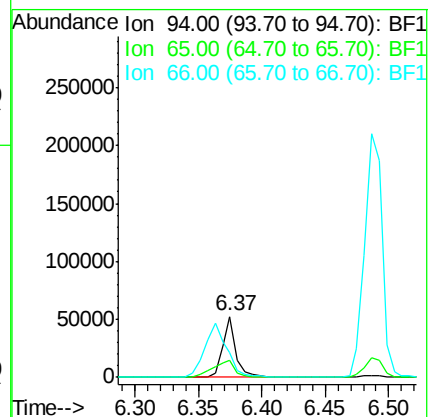
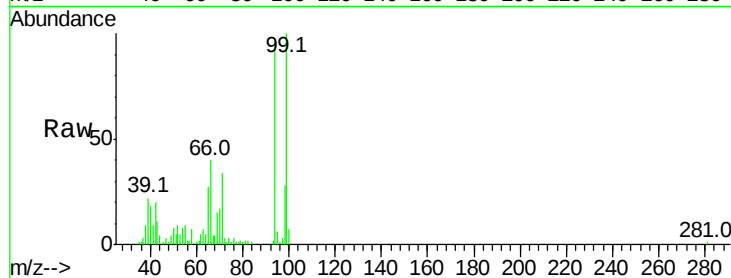
Tot Ion: 94 Resp: 39903

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 41.2 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.116 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Tgt Ion: 70 Resp: 73373

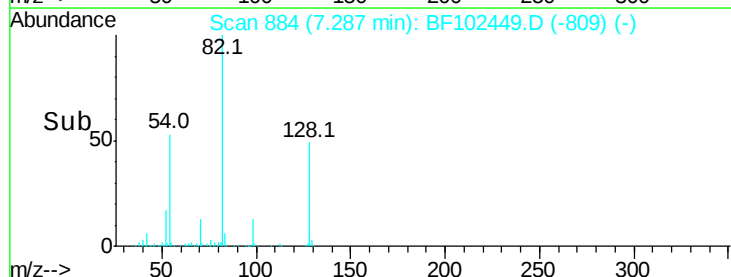
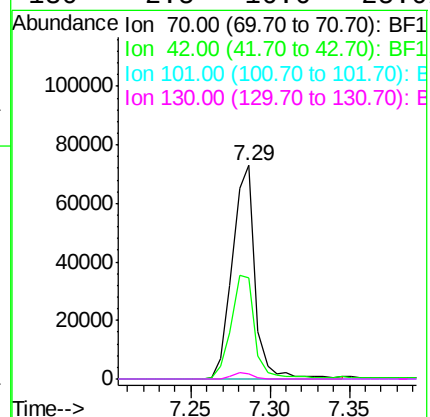
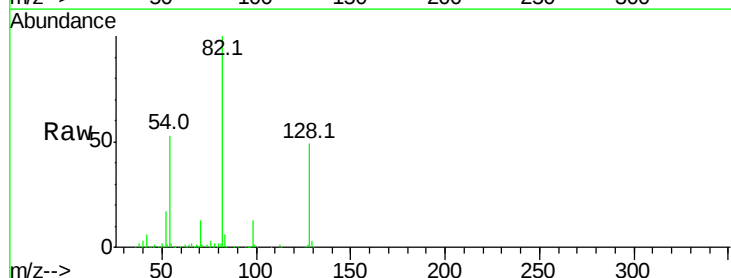
Ion Ratio Lower Upper

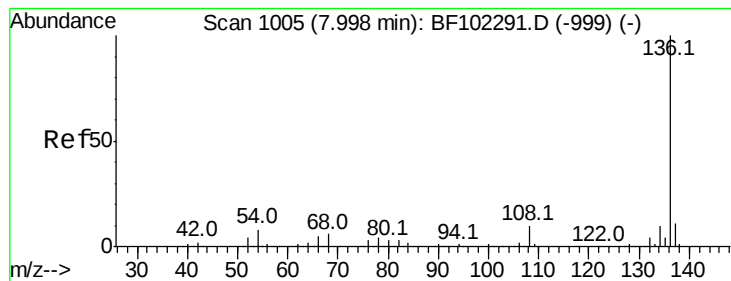
70 100

42 47.3 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: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478486

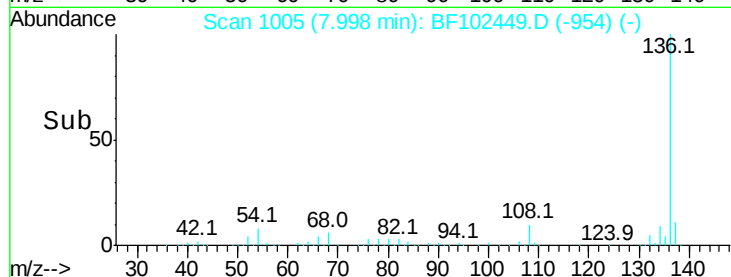
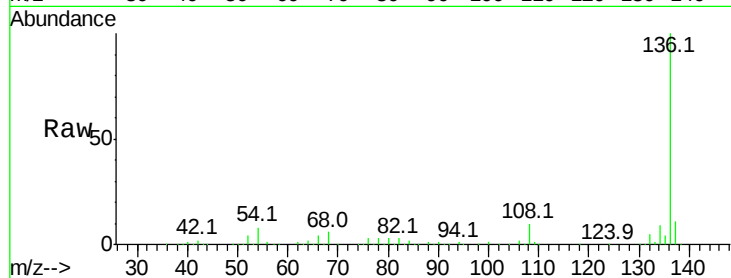
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.6 5.0 7.4

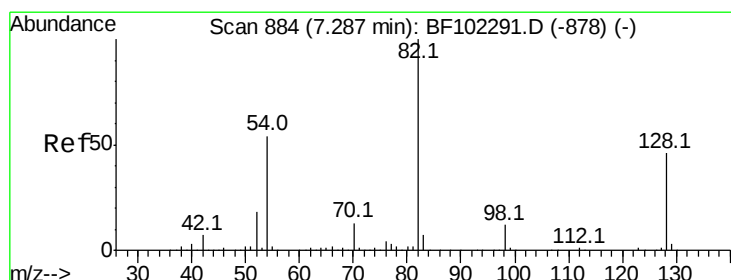
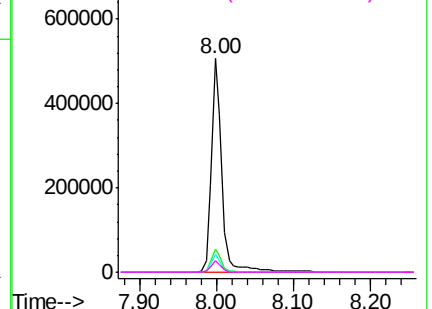


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.680 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

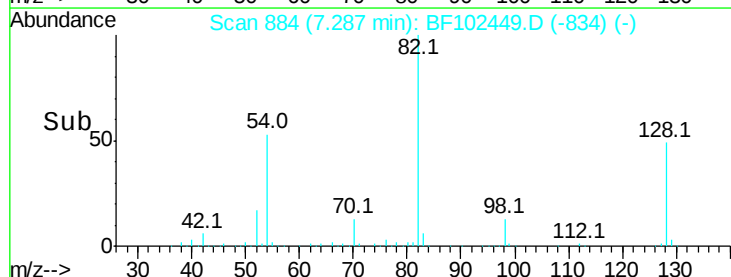
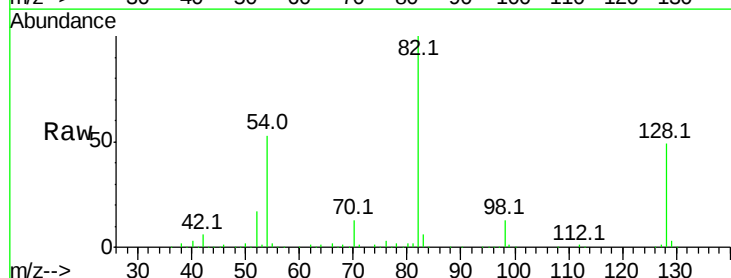
Tgt Ion: 82 Resp: 571851

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

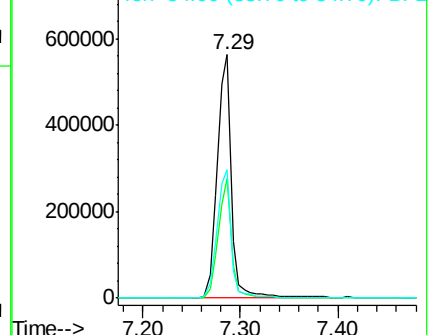
54 52.9 41.4 62.2

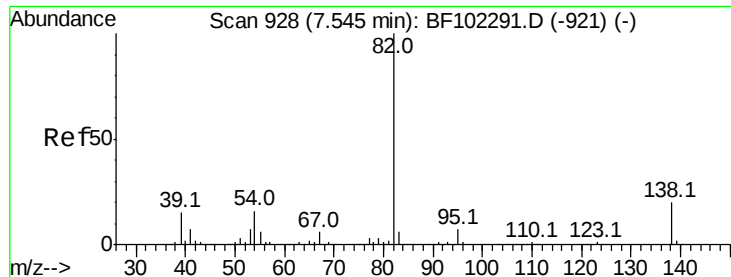


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.524 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

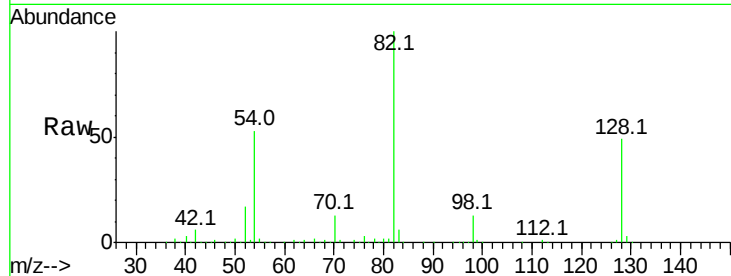
Tot Ion: 82 Resp: 571846

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

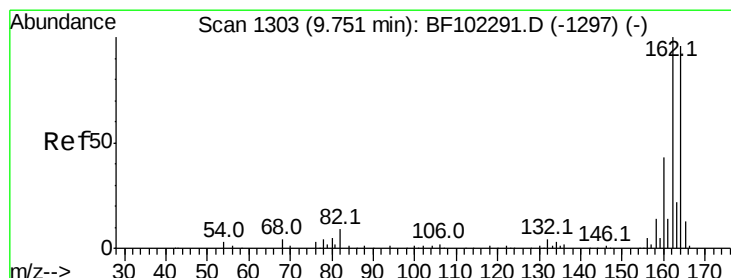
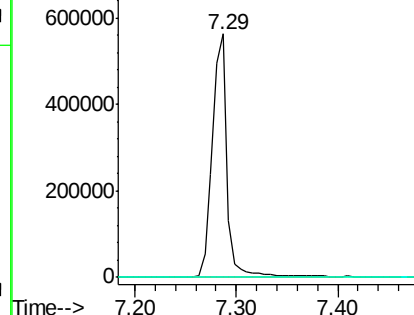
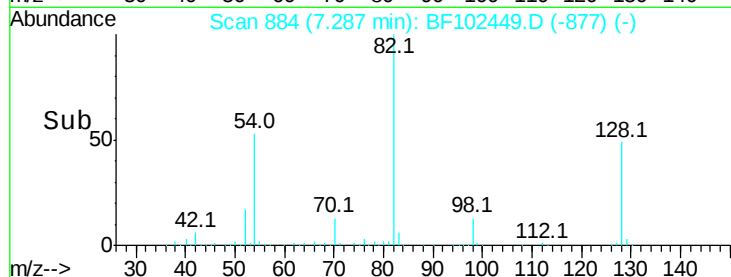
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

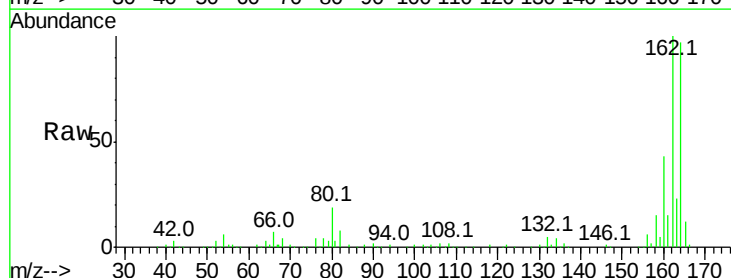
Tgt Ion:164 Resp: 174982

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

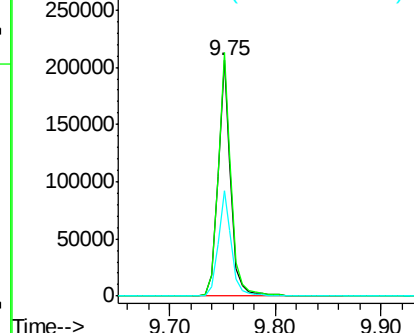
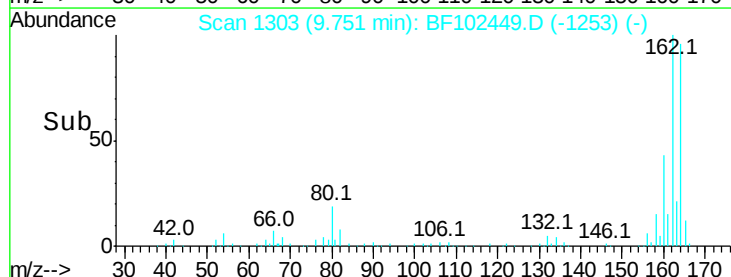
160 44.8 38.3 57.5

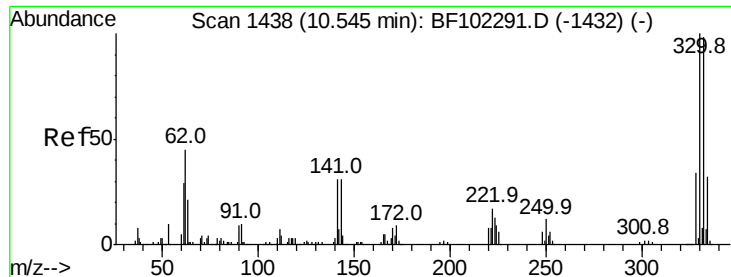


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

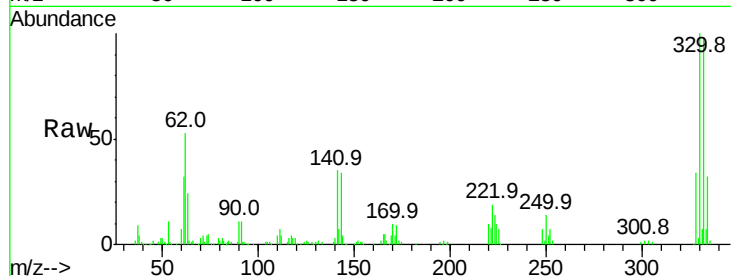




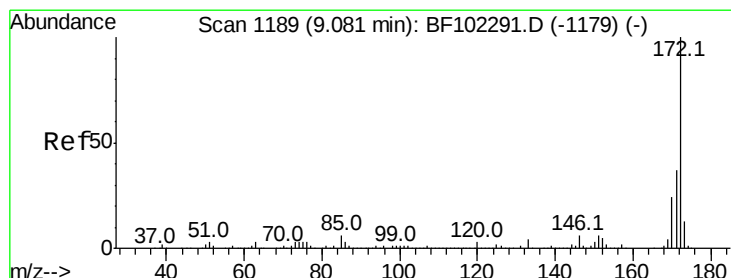
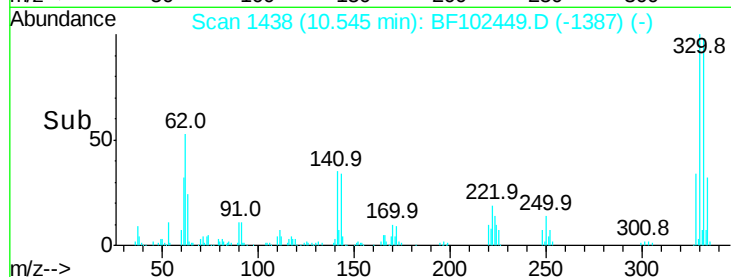
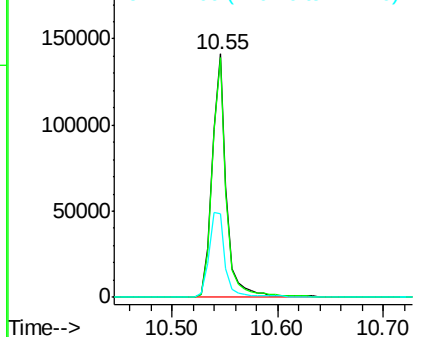
#41
 2,4,6-Tribromophenol
 Concen: 77.666 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102449.D
 Acq: 26 Jan 2018 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	39.9	29.9	44.9

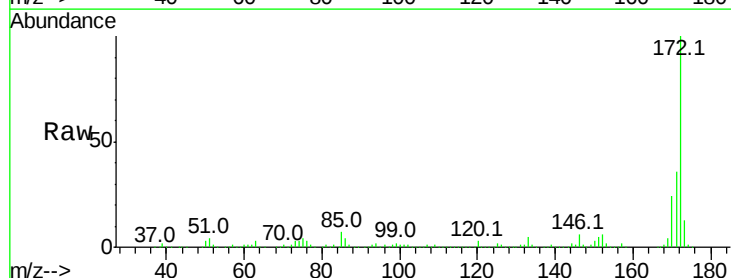


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

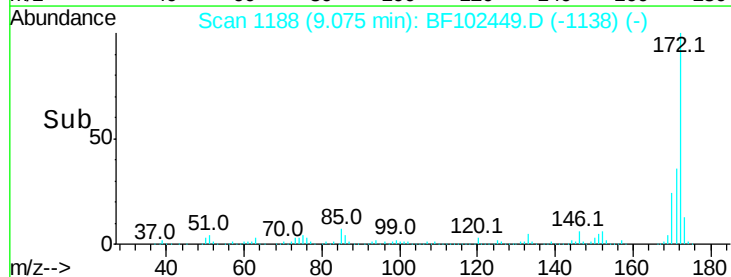
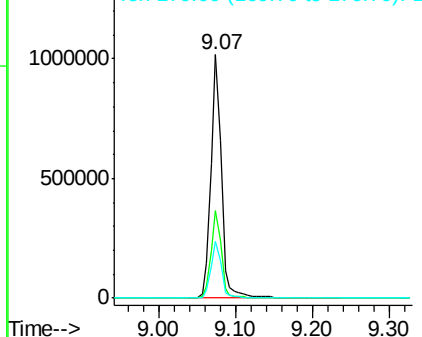


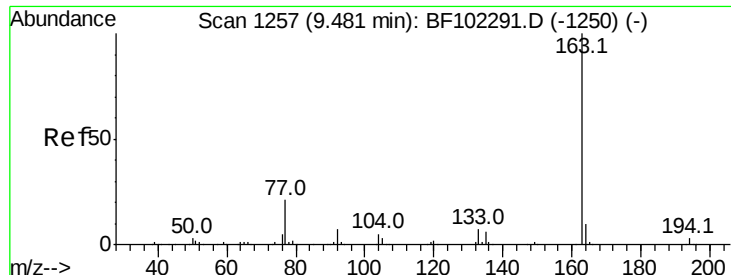
#44
 2-Fluorobiphenyl
 Concen: 80.189 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102449.D
 Acq: 26 Jan 2018 2:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	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

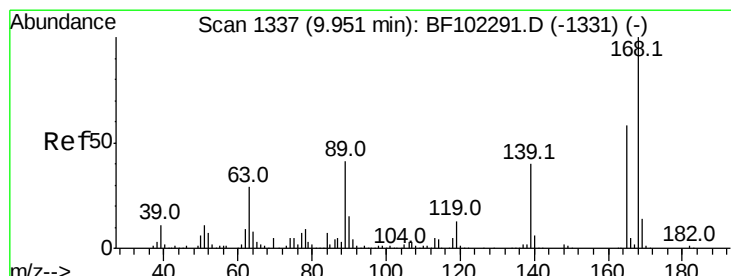
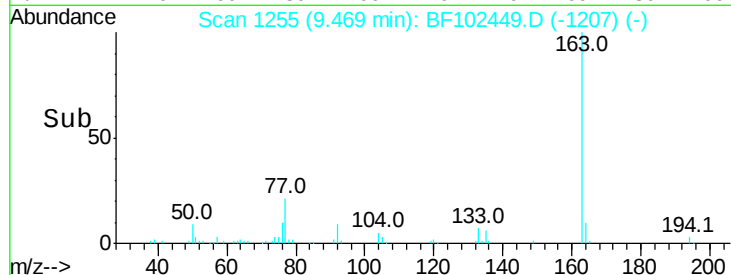
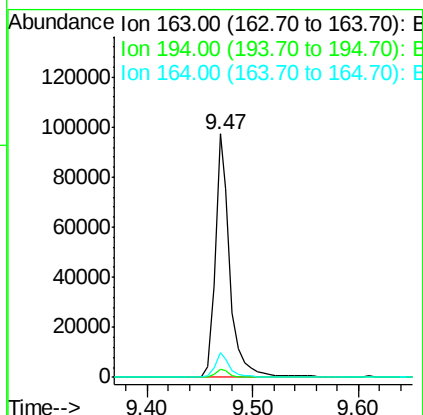
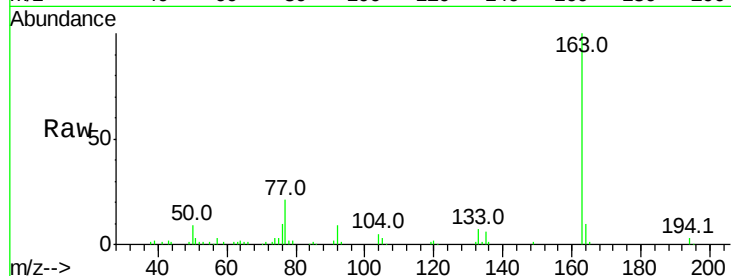




#49
Dimethylphthalate
Concen: 6.628 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

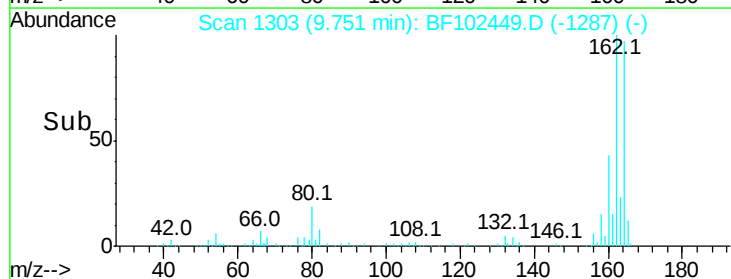
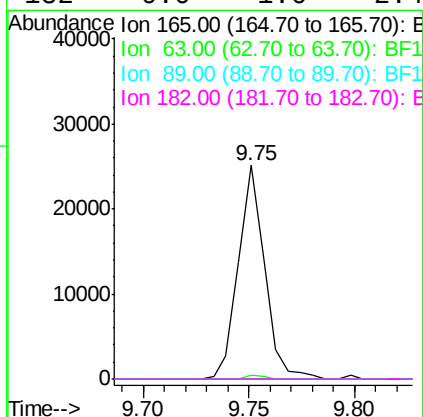
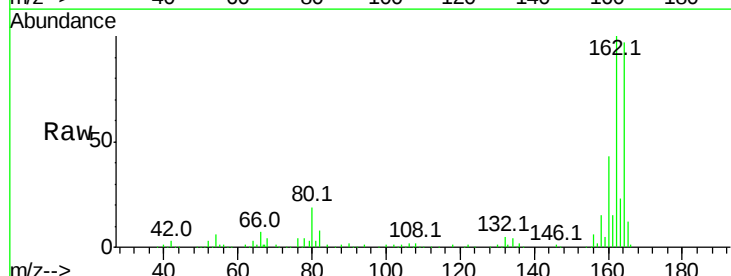
Instrument :
BNA_F
ClientSampleId :

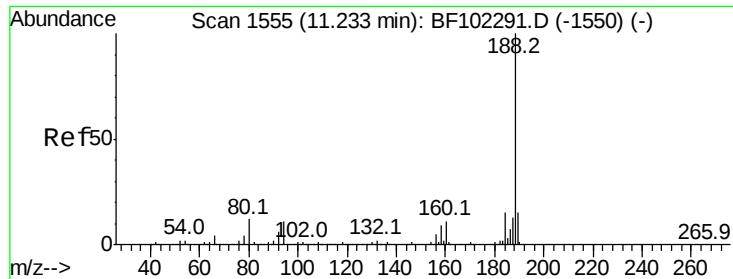
Tot Ion:163 Resp: 95861
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.658 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion:165 Resp: 21695
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

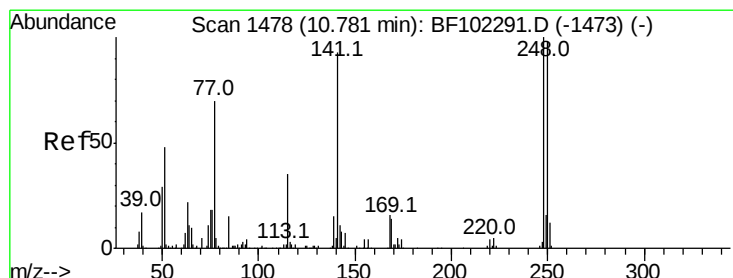
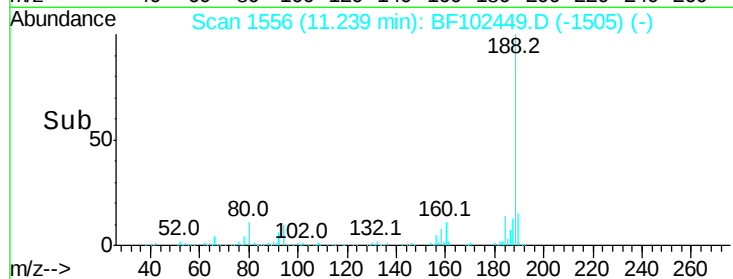
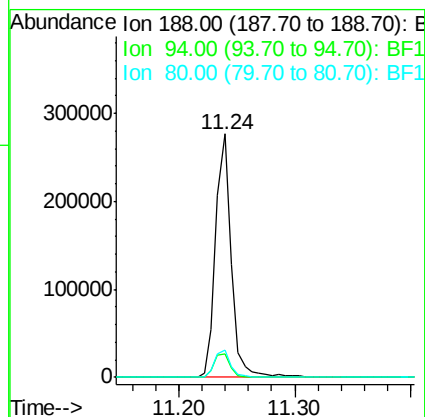
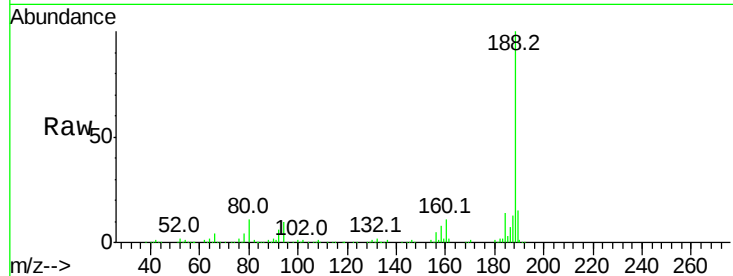




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

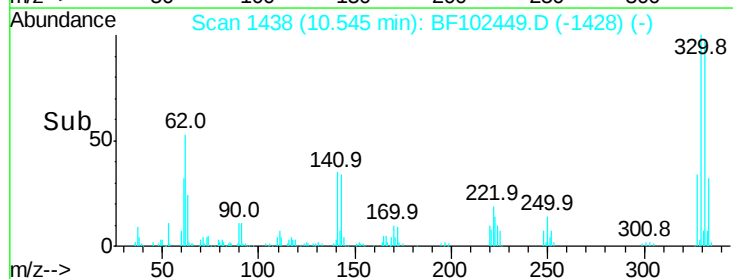
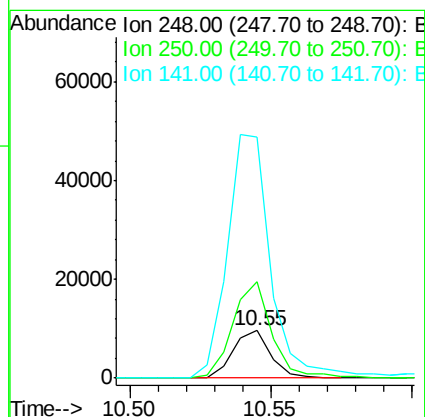
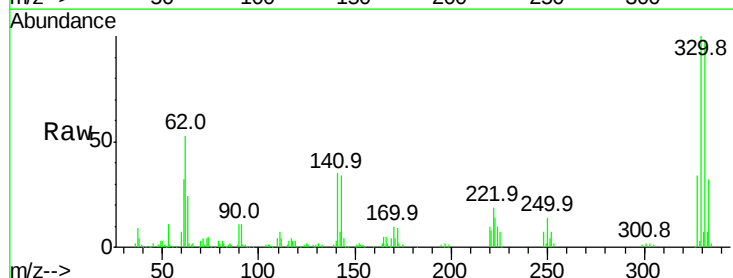
Instrument :
BNA_F
ClientSampleId :

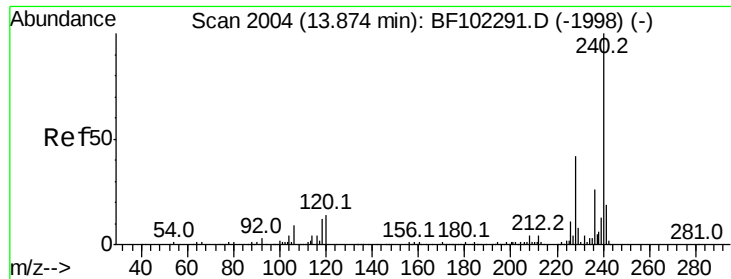
Tot Ion:188 Resp: 261721
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.148 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion:248 Resp: 8870
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 509.6 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: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

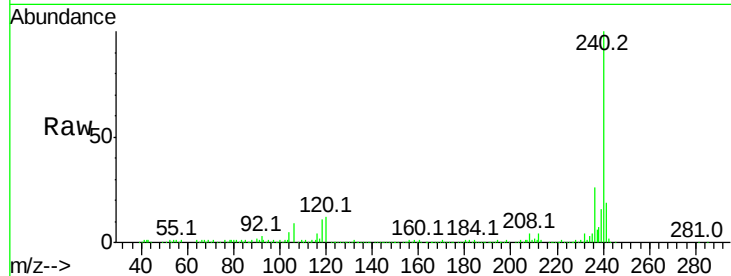
Tot Ion:240 Resp: 256542

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

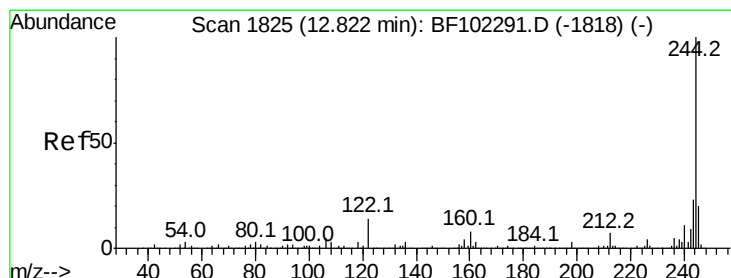
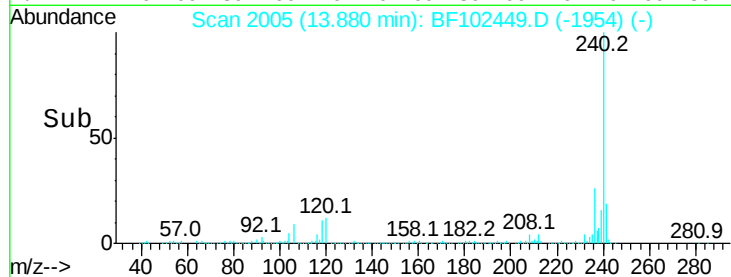
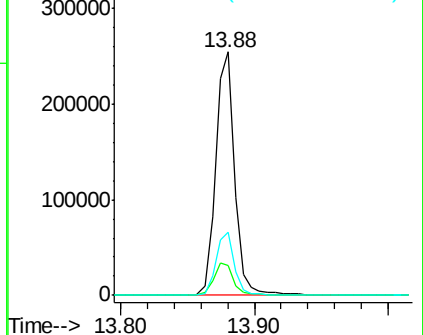
236 25.9 20.7 31.1



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: 64.937 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

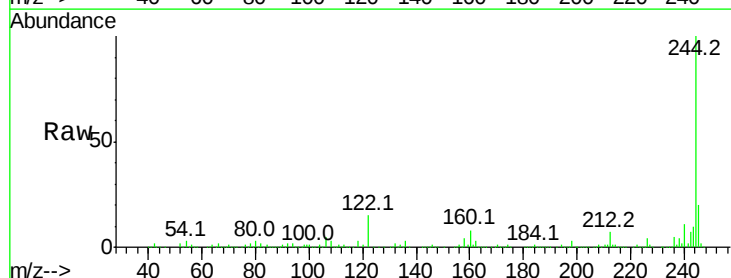
Tgt Ion:244 Resp: 738976

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

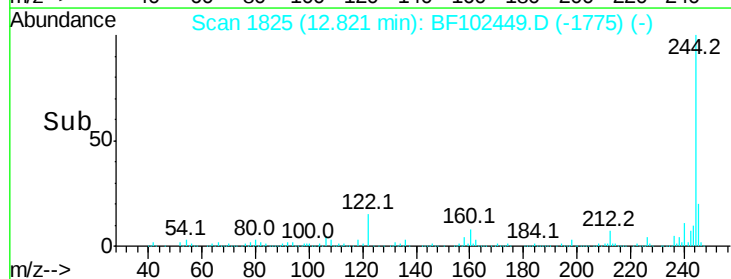
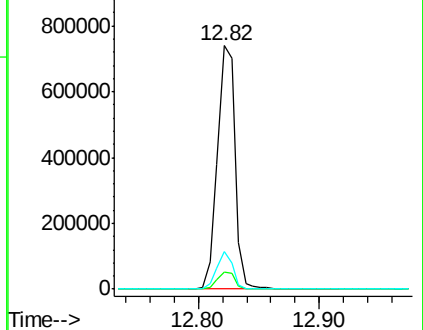
122 15.2 11.0 16.4

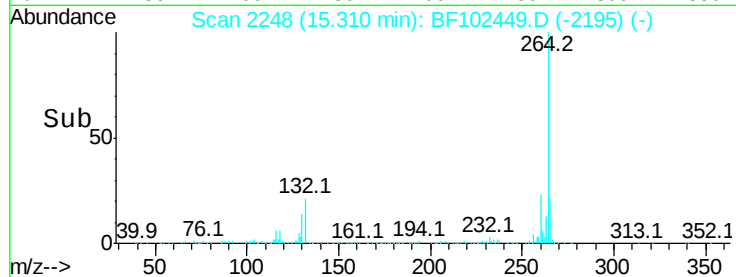
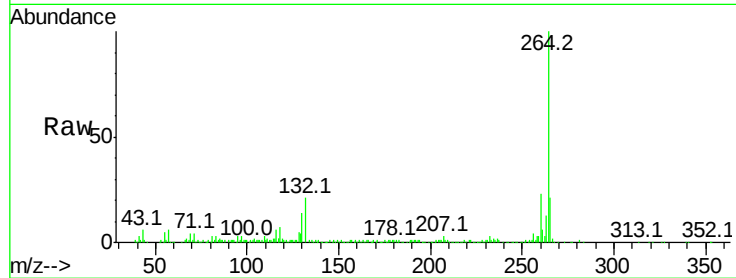
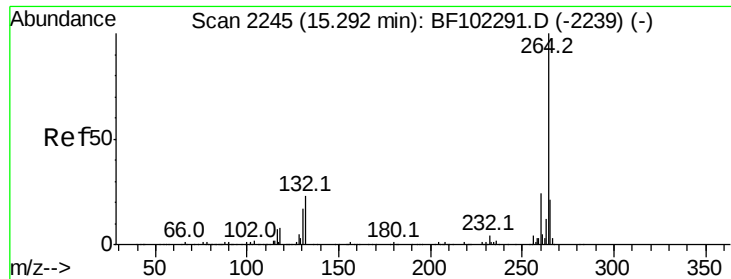


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102449.D
 Acq: 26 Jan 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.6	17.5	26.3

