

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102608.D
 Acq On : 29 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1344-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

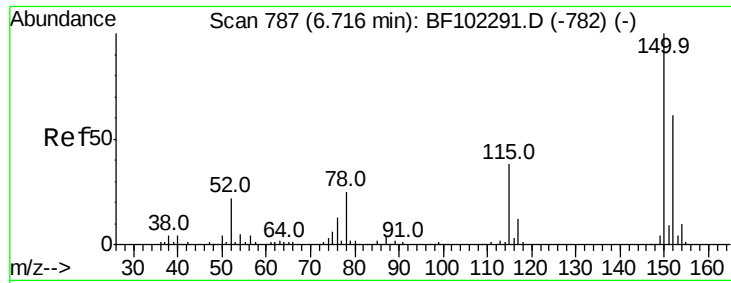
Quant Time: Jan 30 00:12:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163084	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	704935	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	322020	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	578446	20.00	ng	0.00
75) Chrysene-d12	13.88	240	428224	20.00	ng	0.00
86) Perylene-d12	15.31	264	356373	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1227728	114.15	ng	0.01
7) Phenol-d6	6.36	99	1533384	118.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	957454	78.05	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	305271	95.67	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1586765	72.45	ng	0.00
78) Terphenyl-d14	12.83	244	1468030	77.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	31658	2.236	ng	86
19) n-Nitroso-di-n-propylamine	7.28	70	127041	16.009	ng	# 79
25) Isophorone	7.29	82	952043	43.535	ng	# 64
49) Dimethylphthalate	9.47	163	117592	4.418	ng	99
50) 2,6-Dinitrotoluene	9.75	165	40966	7.139	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	40966	5.805	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	20903	3.357	ng	# 1

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

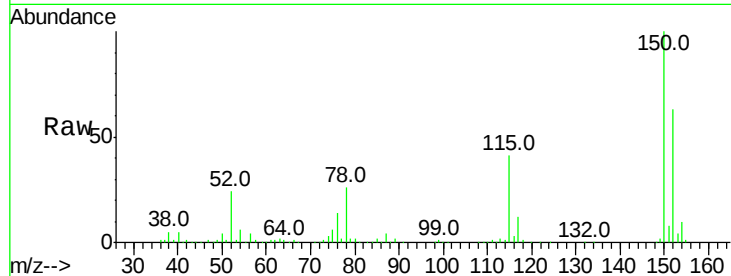


#1

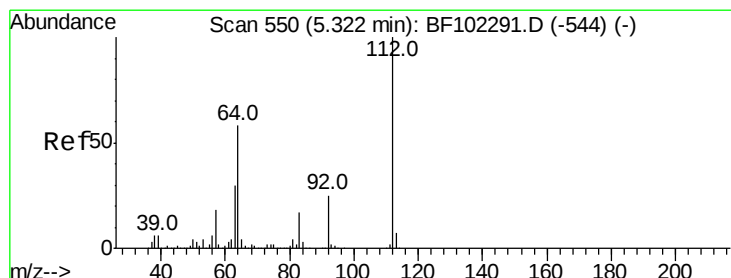
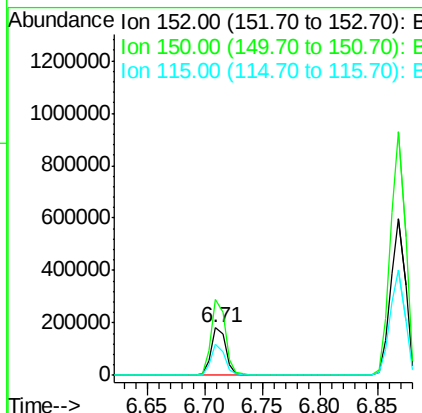
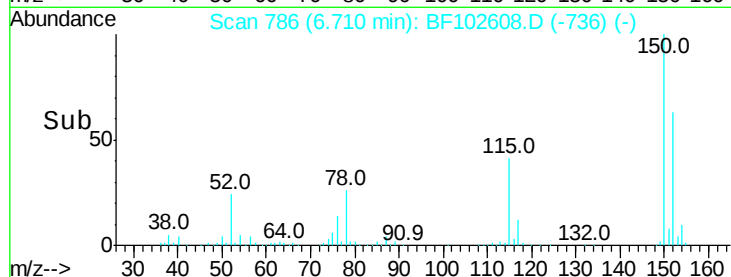
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 163084
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 65.3 50.1 75.1



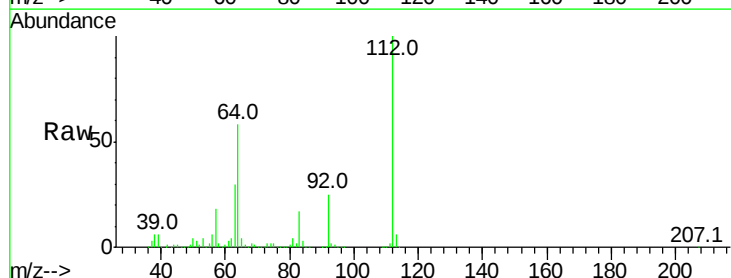
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



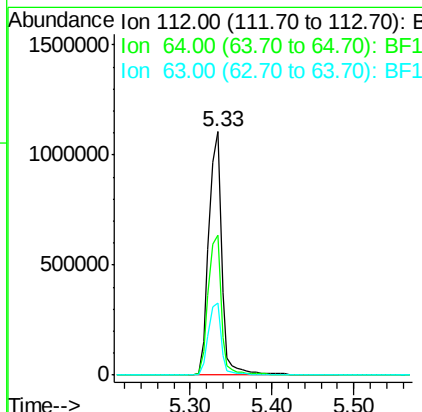
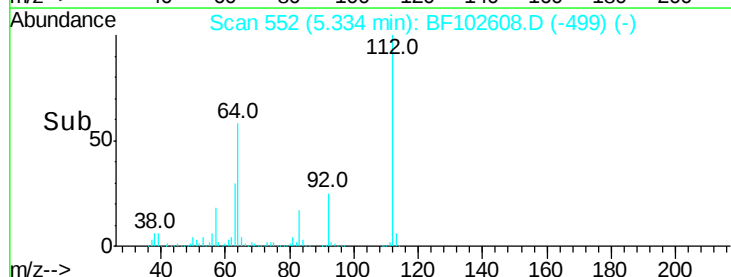
#5

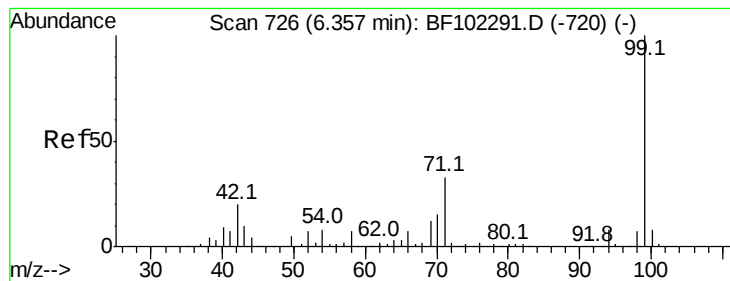
2-Fluorophenol
 Concen: 114.147 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Tgt Ion:112 Resp: 1227728
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 29.7 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: 118.253 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

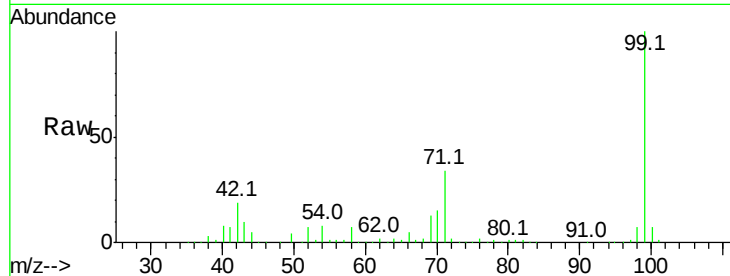
Tot Ion: 99 Resp: 1533384

Ion Ratio Lower Upper

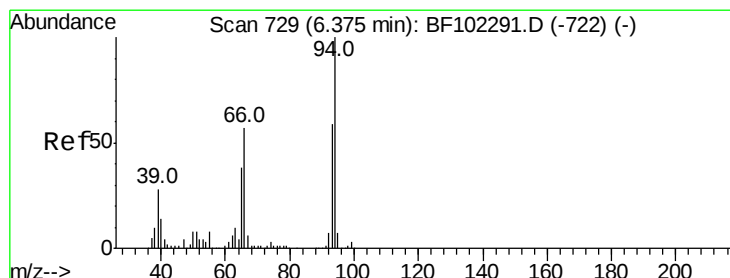
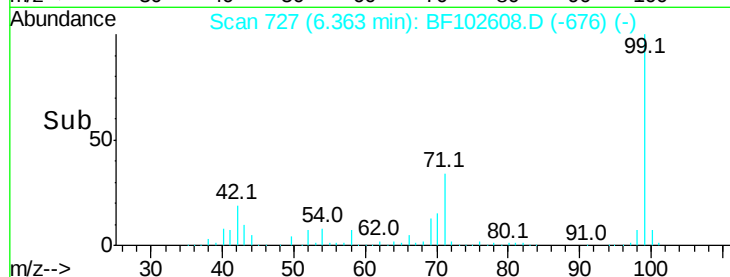
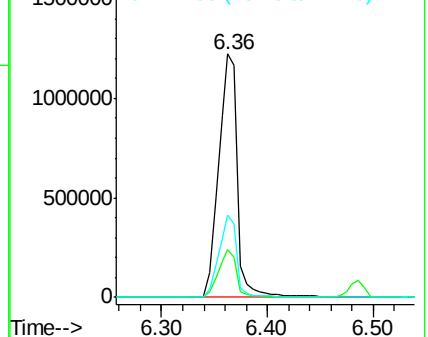
99 100

42 19.4 14.5 21.7

71 33.8 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: 2.236 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

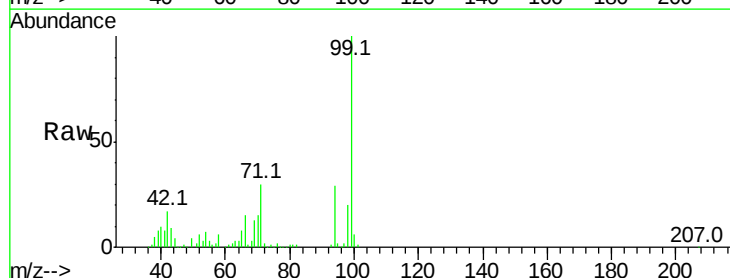
Tgt Ion: 94 Resp: 31658

Ion Ratio Lower Upper

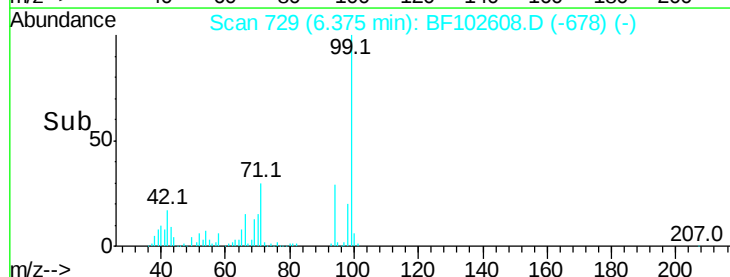
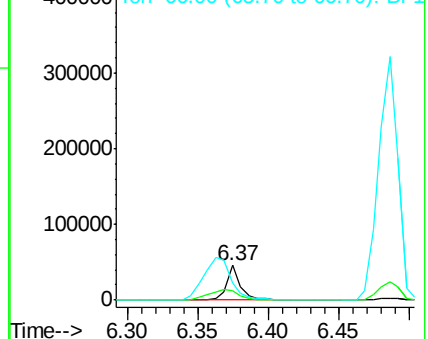
94 100

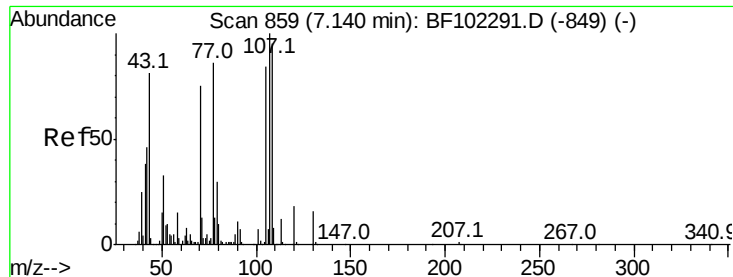
65 28.8 7.9 47.9

66 50.4 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

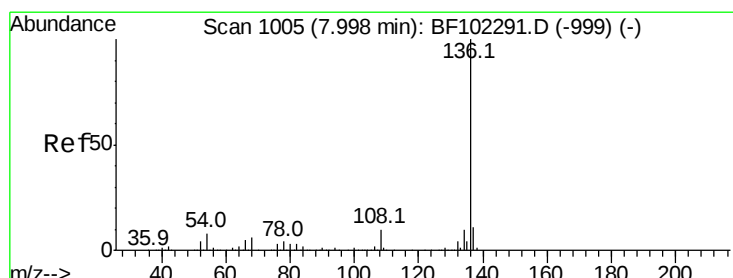
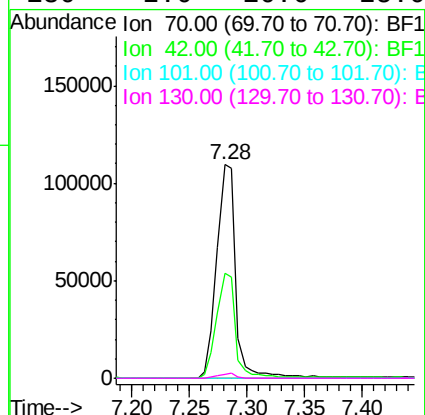
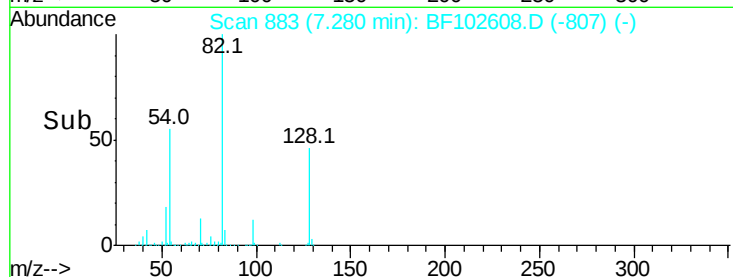
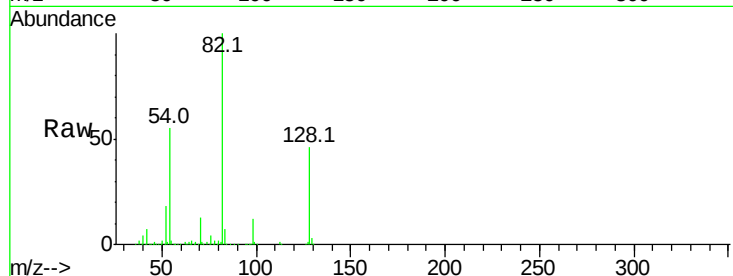




#19
n-Nitroso-di-n-propylamine
Concen: 16.009 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

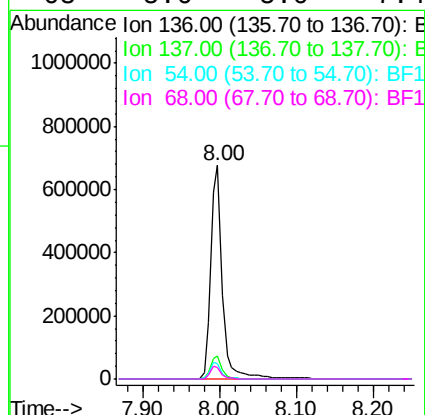
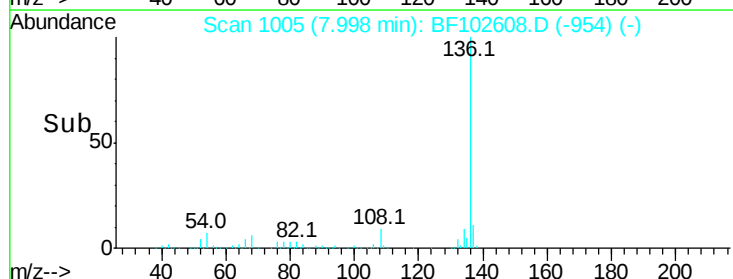
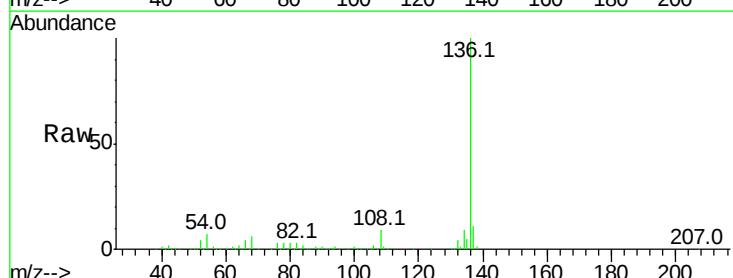
Instrument :
BNA_F
ClientSampleId :

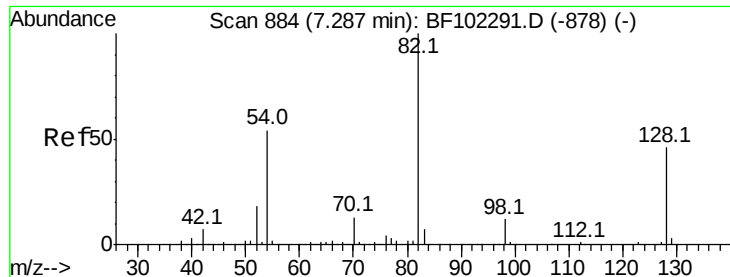
Tot Ion: 70 Resp: 127041
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:136 Resp: 704935
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 6.6 9.8
68 5.6 5.0 7.4

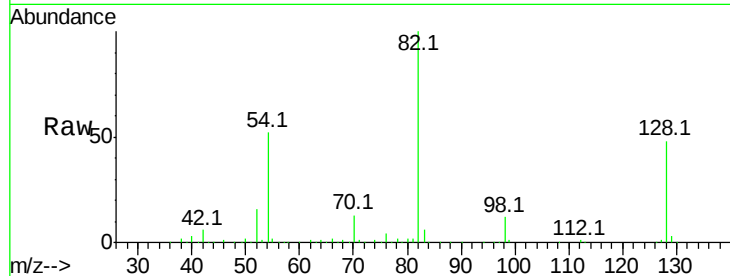




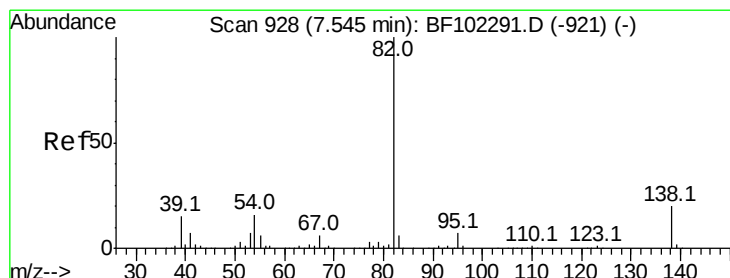
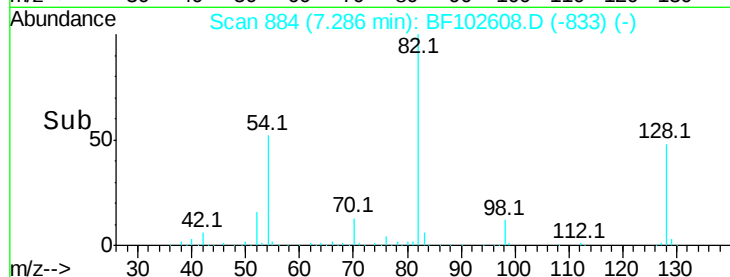
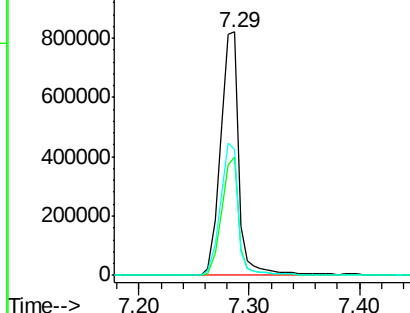
#23
 Nitrobenzene-d5
 Concen: 78.052 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 957454
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 51.7 41.4 62.2

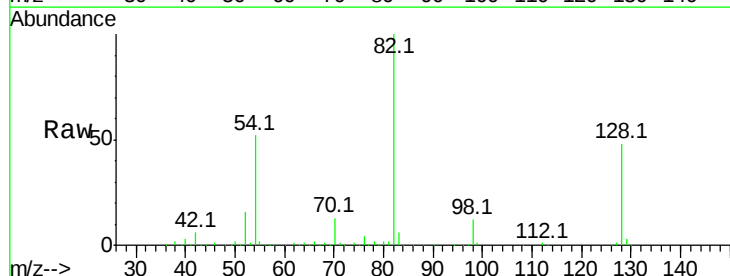


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

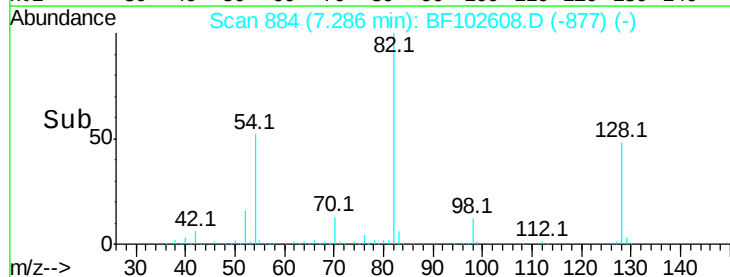
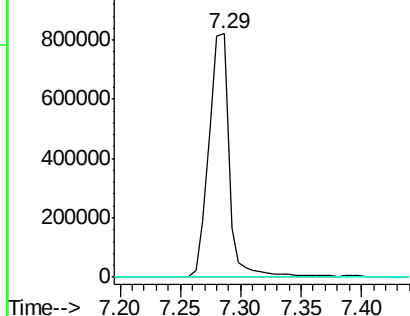


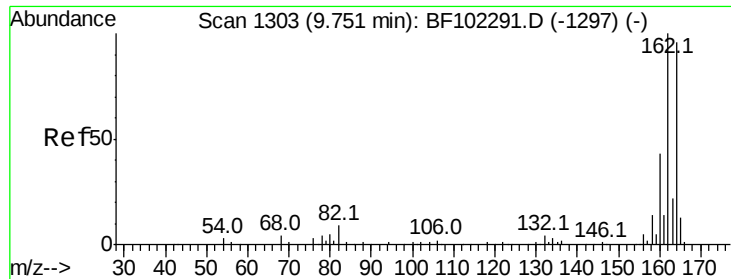
#25
 Isophorone
 Concen: 43.535 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Tgt Ion: 82 Resp: 952043
 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

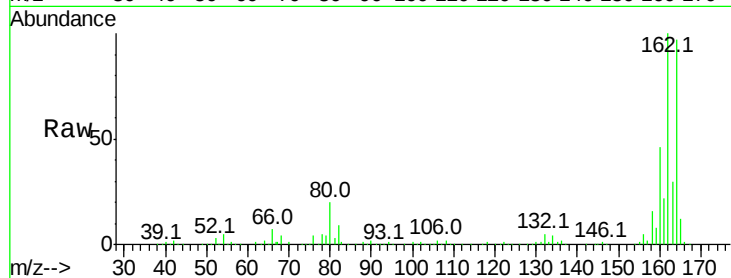




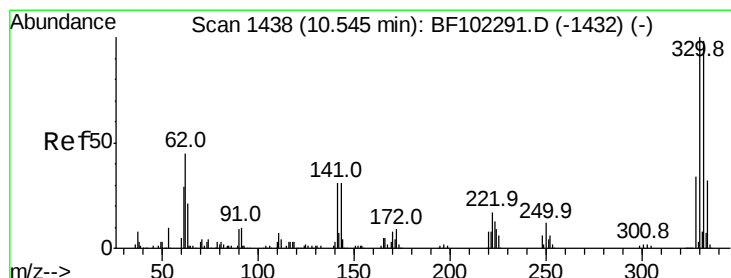
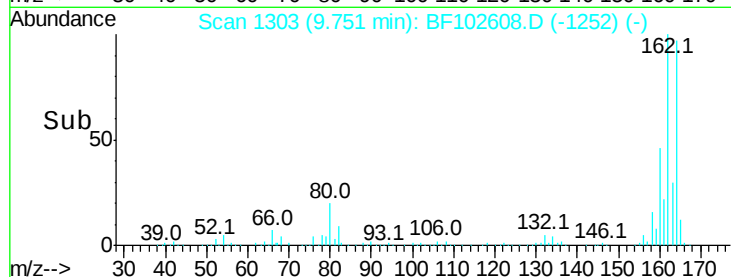
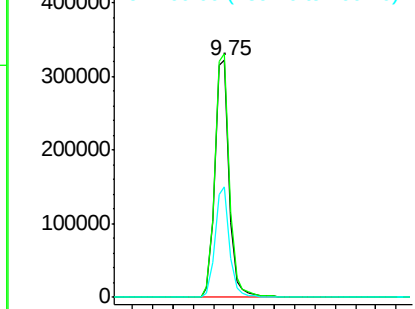
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 322020
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.9 38.3 57.5

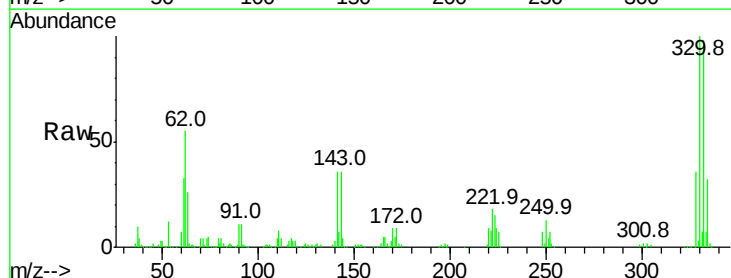


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

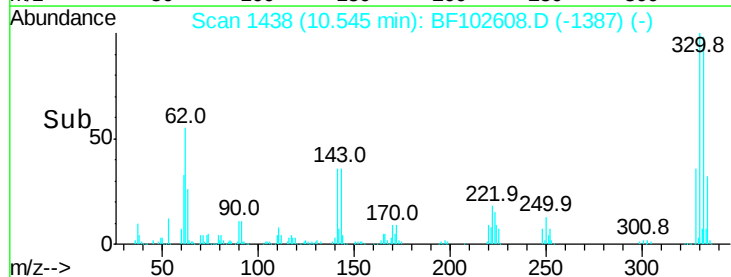
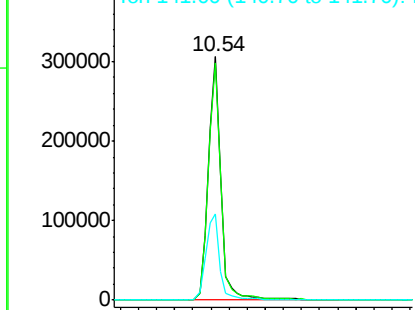


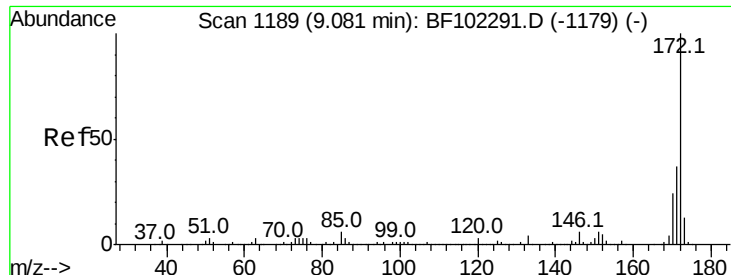
#41
2,4,6-Tribromophenol
Concen: 95.674 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:330 Resp: 305271
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.6
141 39.2 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



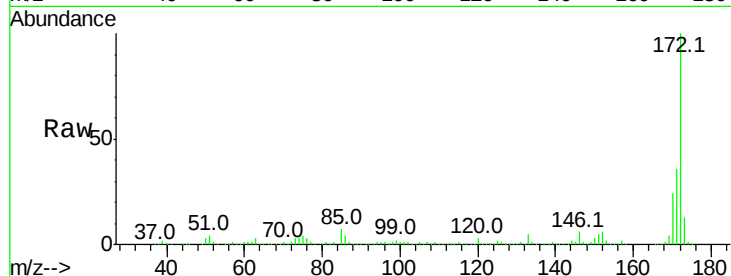


#44
 2-Fluorobiphenyl
 Concen: 72.452 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

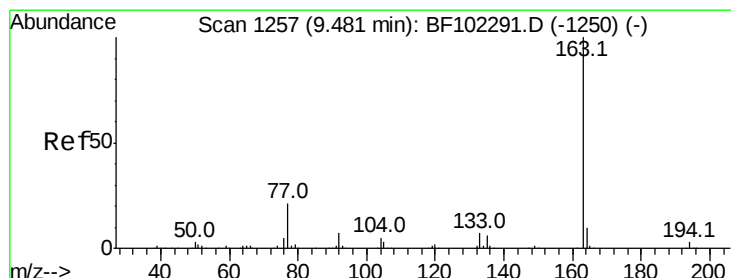
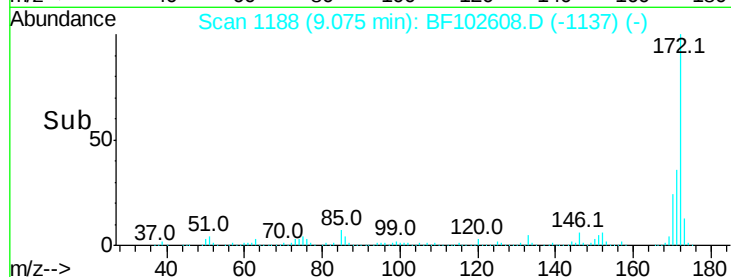
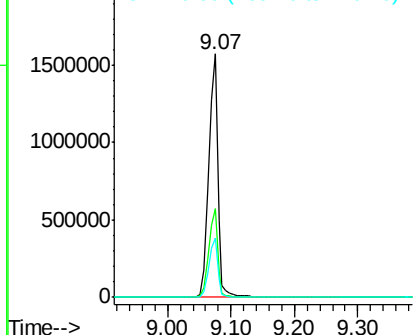
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1586765

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



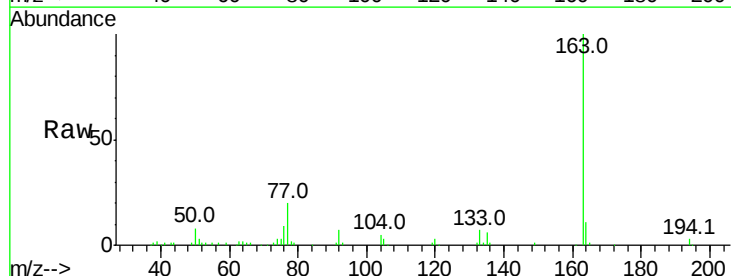
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



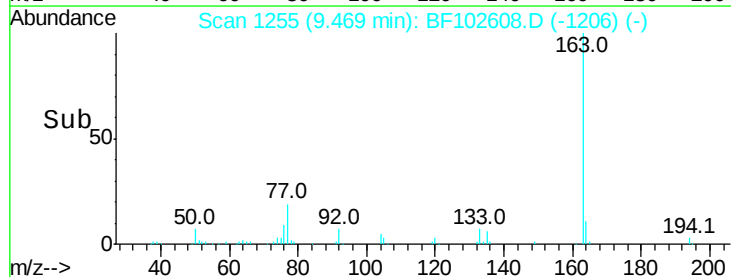
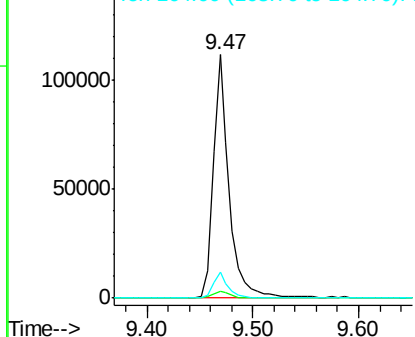
#49
 Dimethylphthalate
 Concen: 4.418 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

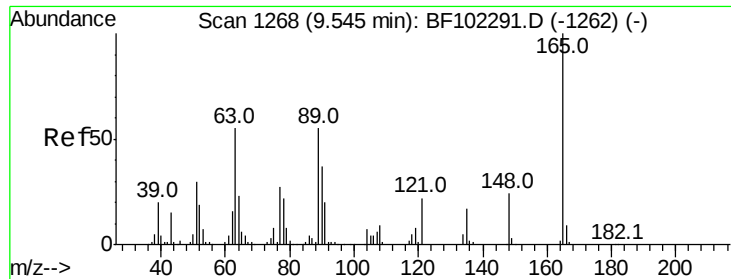
Tgt Ion:163 Resp: 117592

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	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

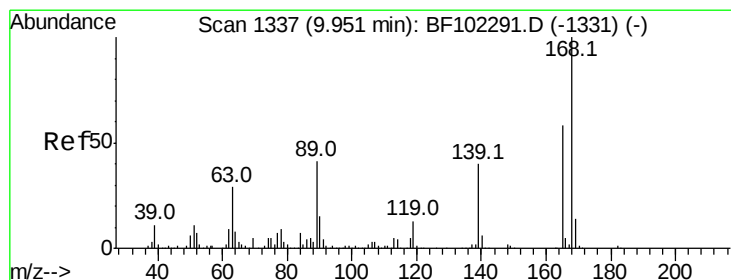
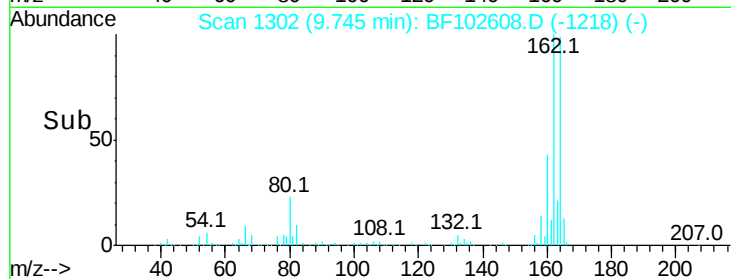
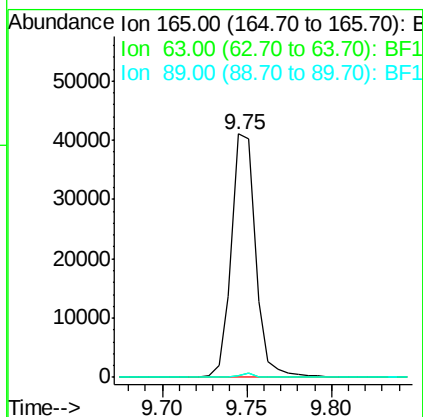
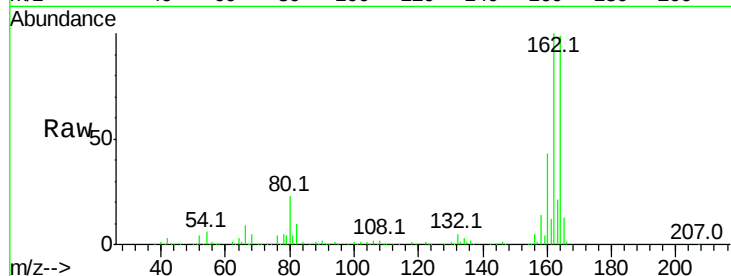




#50
 2,6-Dinitrotoluene
 Concen: 7.139 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

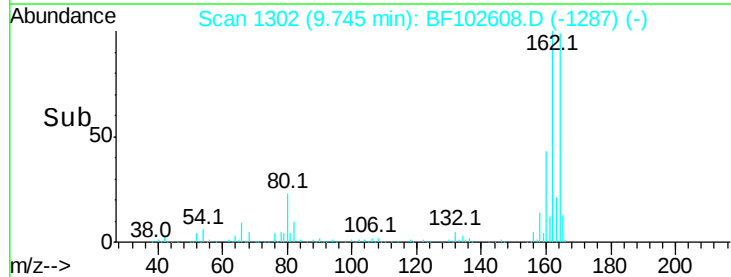
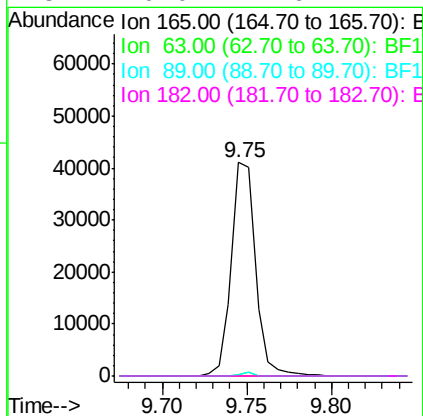
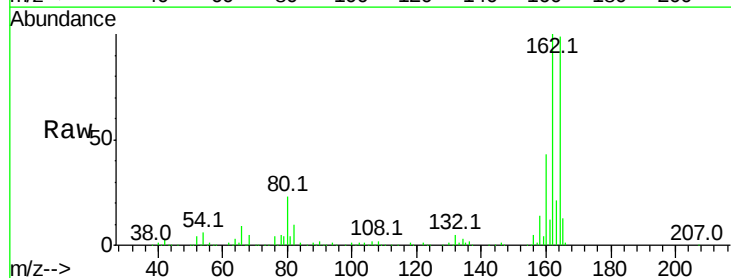
Instrument :
 BNA_F
 ClientSampled :

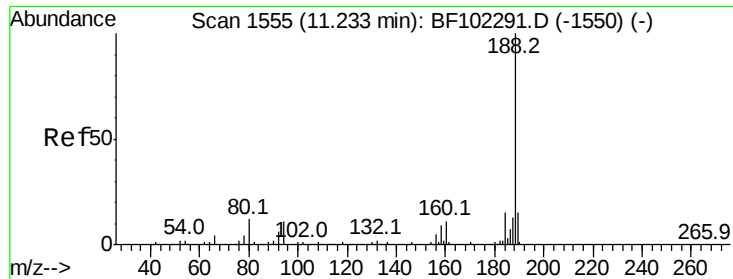
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	0.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	0.8	57.8	86.6#
182	0.0	1.6	2.4#

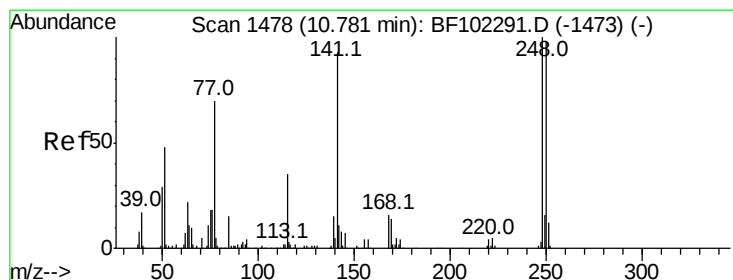
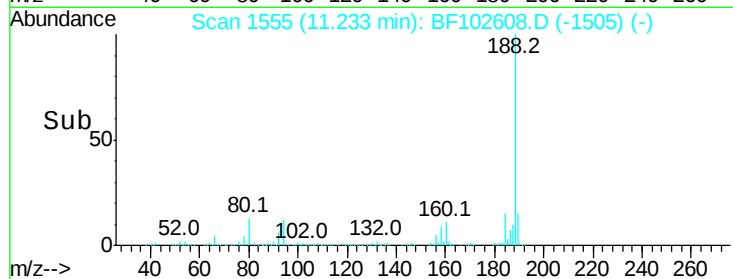
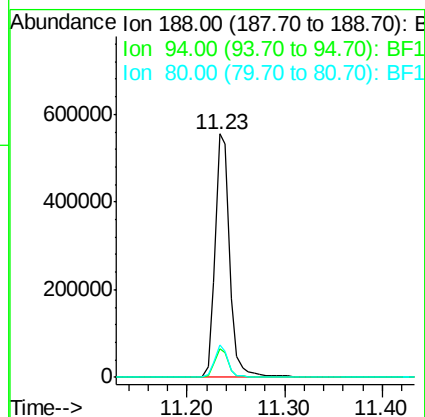
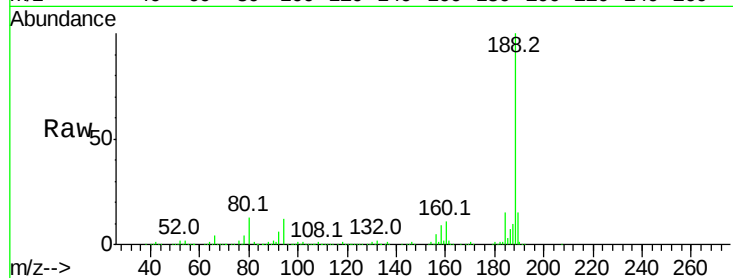




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

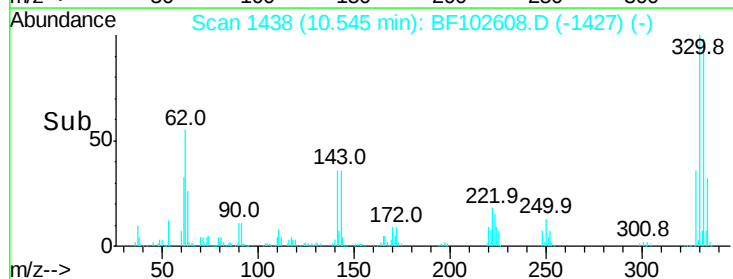
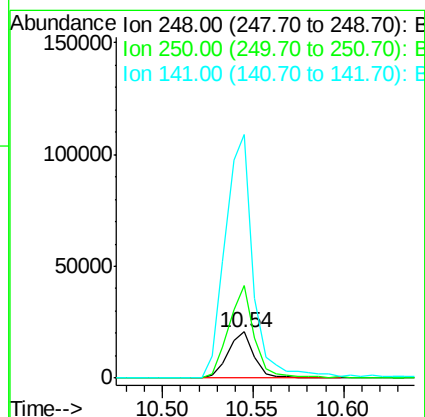
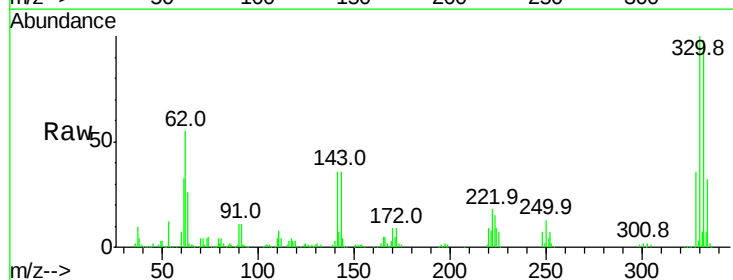
Instrument :
BNA_F
ClientSampleId :

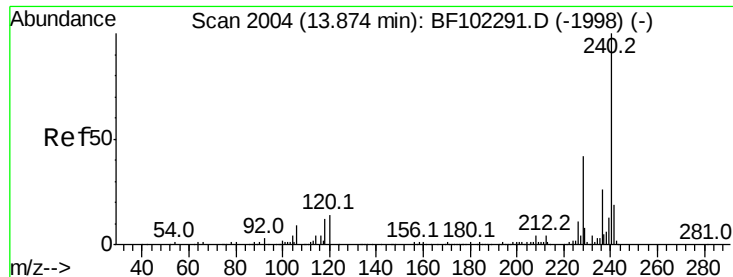
Tot Ion:188 Resp: 578446
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 13.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.357 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:248 Resp: 20903
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 529.4 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: BF102608.D

Acq: 29 Jan 2018 20:22

Instrument :

BNA_F

ClientSampled :

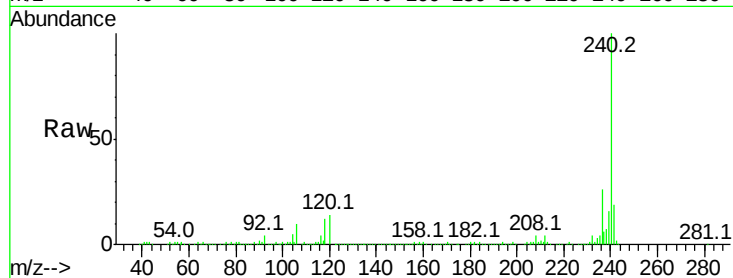
Tot Ion:240 Resp: 428224

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

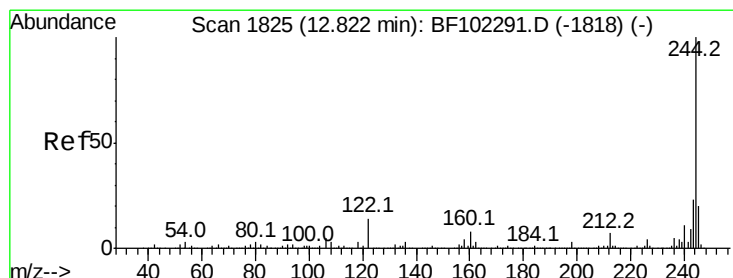
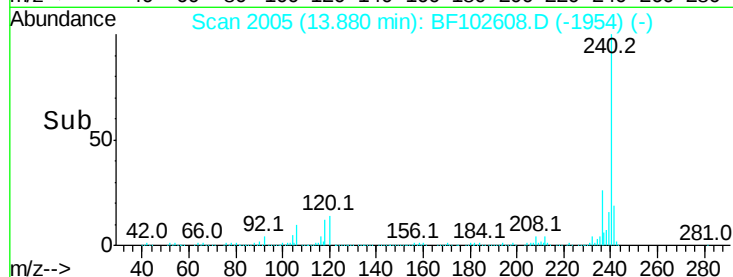
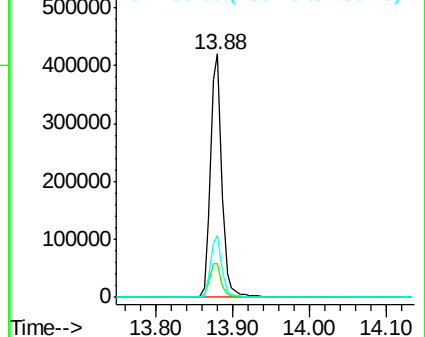
236 25.6 20.7 31.1



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: 77.284 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

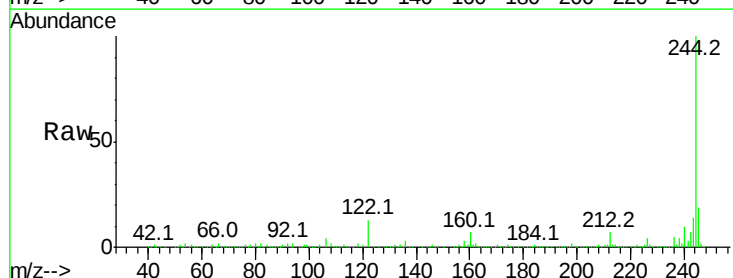
Tgt Ion:244 Resp: 1468030

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

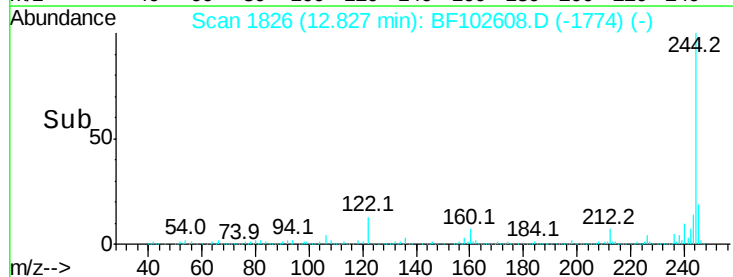
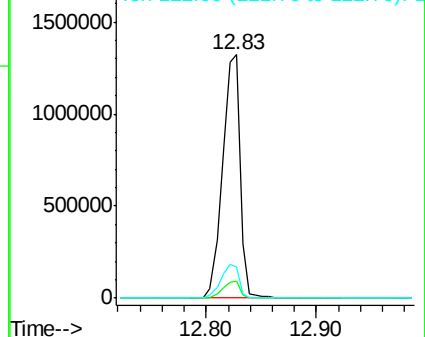
122 12.7 11.0 16.4

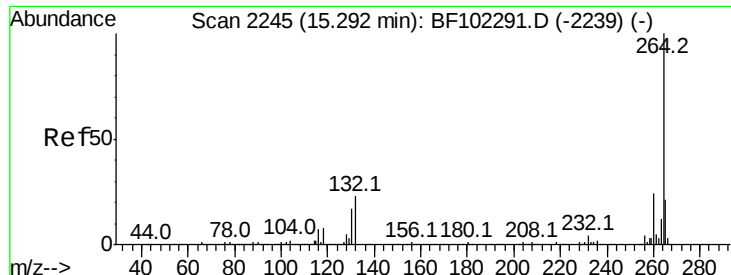


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

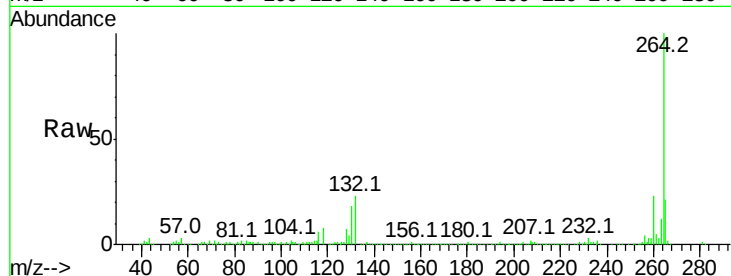




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	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

