

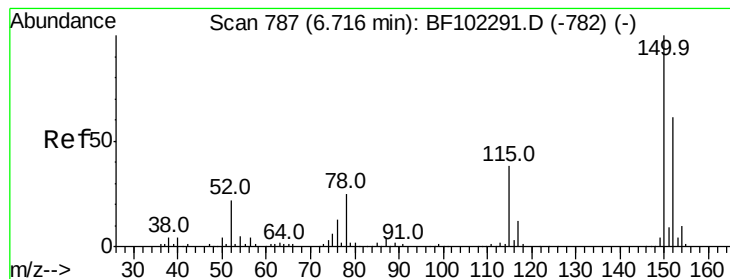
Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102580.D
 Acq On : 29 Jan 2018 1:32
 Operator : SJ/JU
 Sample : J1010-08RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 05:53:40 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	157694	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581974	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204954	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	327530	20.00	ng	0.00
75) Chrysene-d12	13.88	240	336116	20.00	ng	0.00
86) Perylene-d12	15.31	264	240218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1139034	109.52	ng	0.01
7) Phenol-d6	6.37	99	1306165	104.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	774544	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	175984	86.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1053129	75.55	ng	0.00
78) Terphenyl-d14	12.82	244	890021	59.69	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56087	4.097	ng	82
19) n-Nitroso-di-n-propylamine	7.29	70	102895	13.410	ng	# 78
25) Isophorone	7.29	82	772222	42.773	ng	# 64
49) Dimethylphthalate	9.47	163	108813	6.423	ng	100
56) 2,4-Dinitrotoluene	9.75	165	26259	5.846	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12132	3.441	ng	# 1
74) Fluoranthene	12.45	202	42723	2.195	ng	97

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

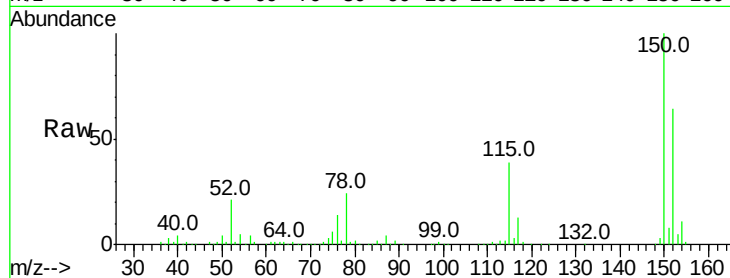


#1

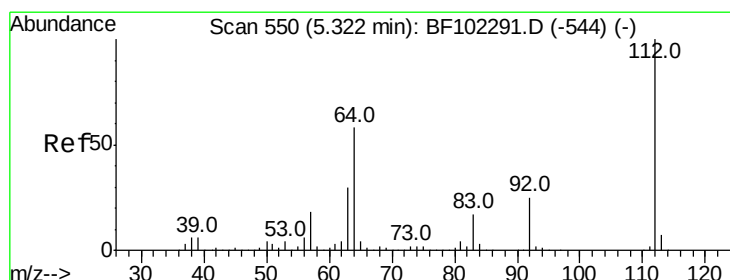
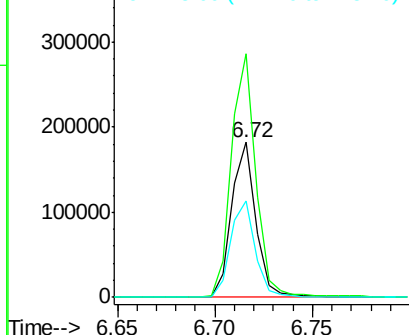
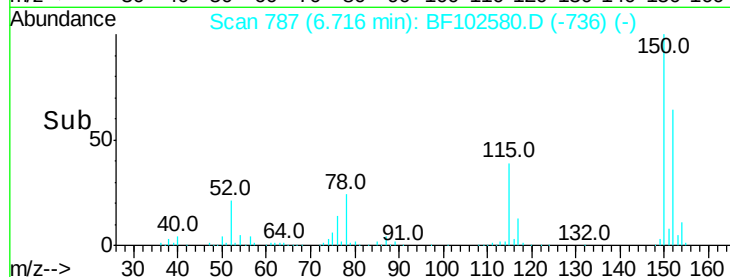
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	61.9	50.1	75.1



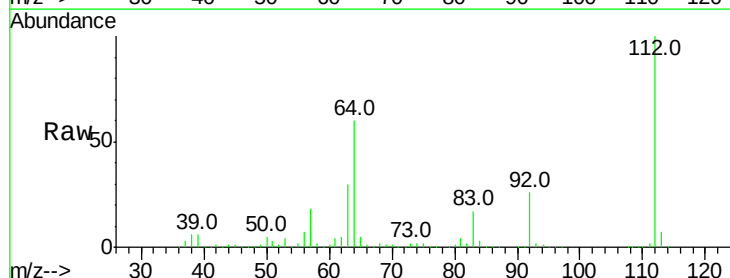
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



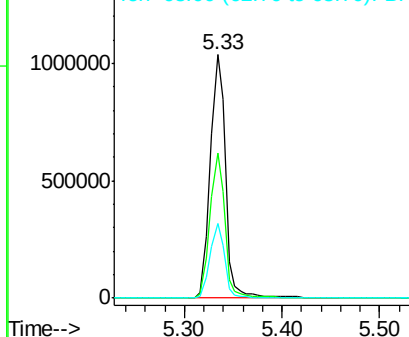
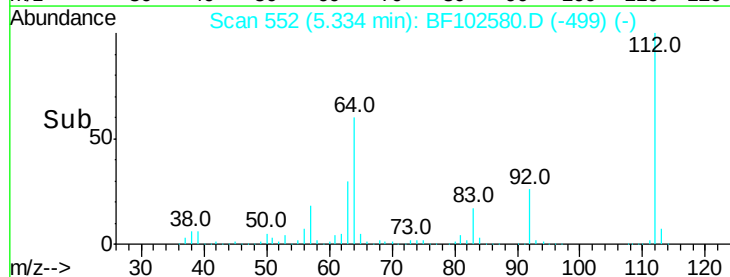
#5

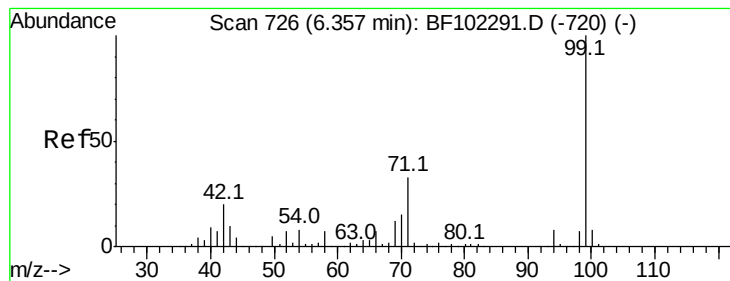
2-Fluorophenol
Concen: 109.520 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.5	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: 104.173 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

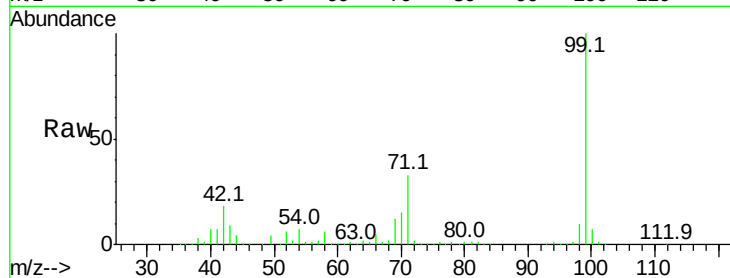
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1306165

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.6	25.4	38.0



Abundance

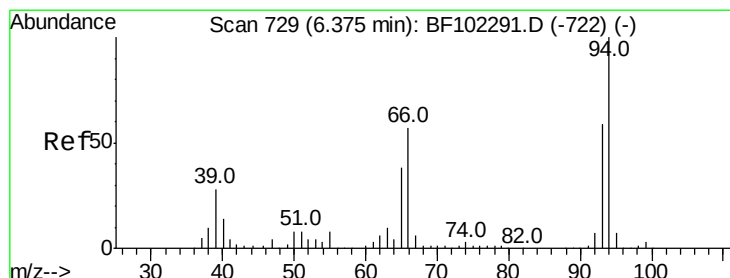
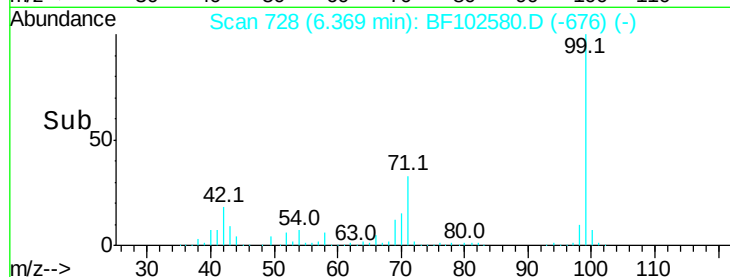
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.37

Time-->



#10

Phenol

Concen: 4.097 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

Tgt Ion: 94 Resp: 56087

Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	50.9	16.2	56.2

Abundance

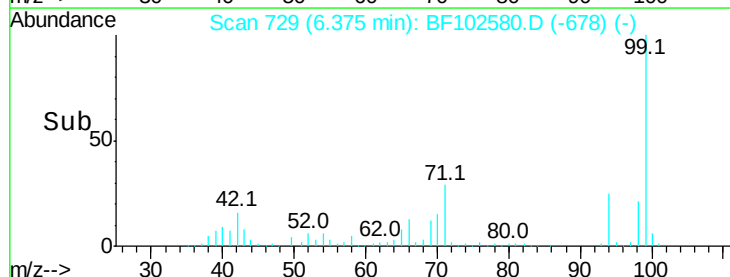
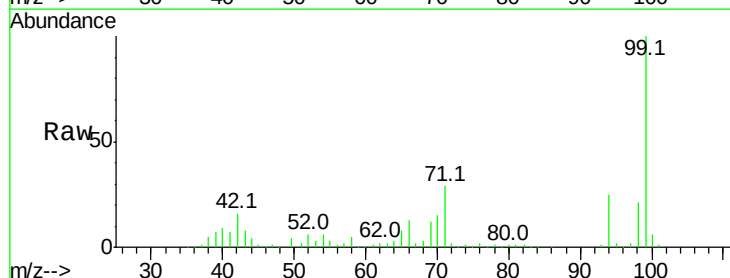
Ion 94.00 (93.70 to 94.70): BF1

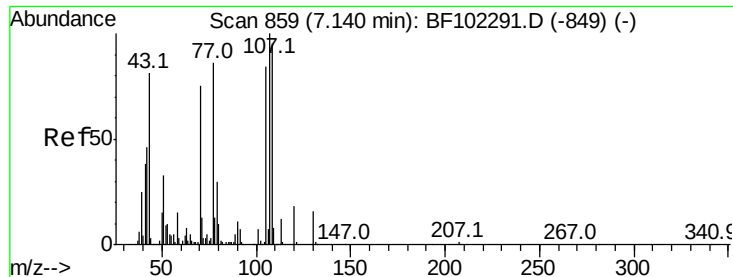
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.37

Time-->

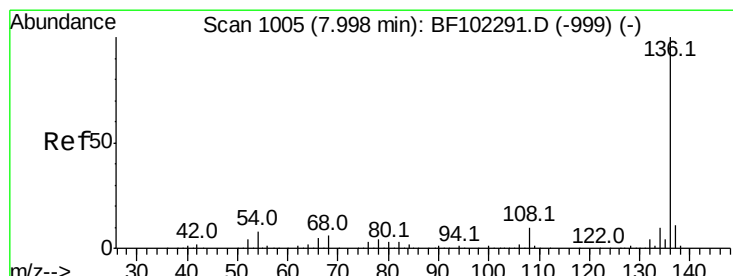
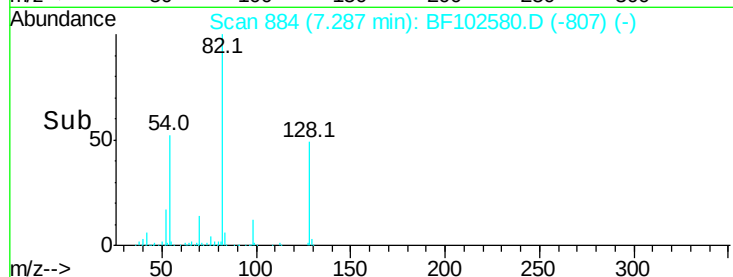
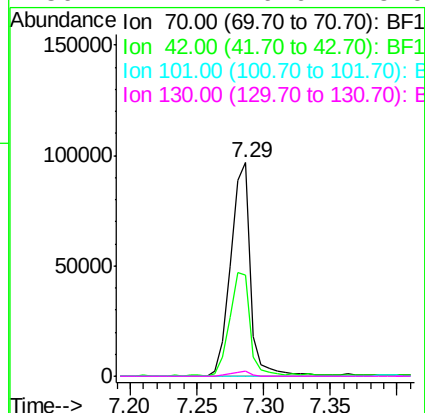
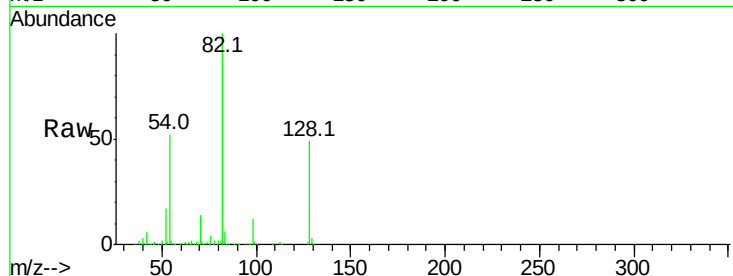




#19
n-Nitroso-di-n-propylamine
Concen: 13.410 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

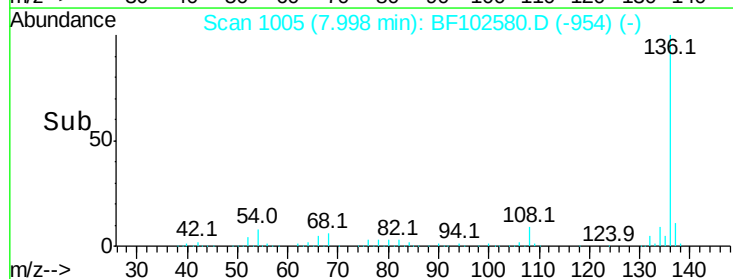
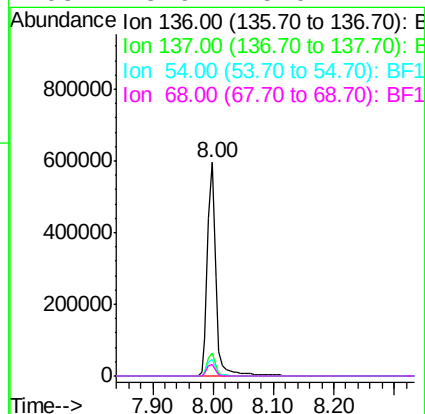
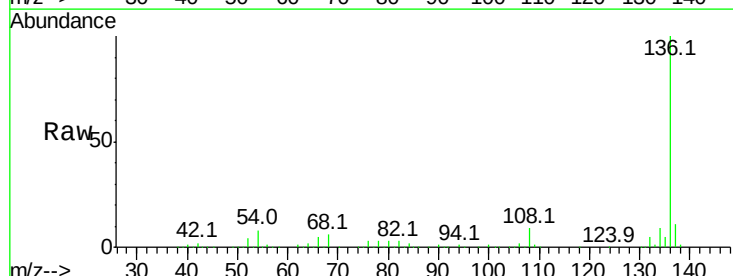
Instrument :
BNA_F
ClientSampleId :

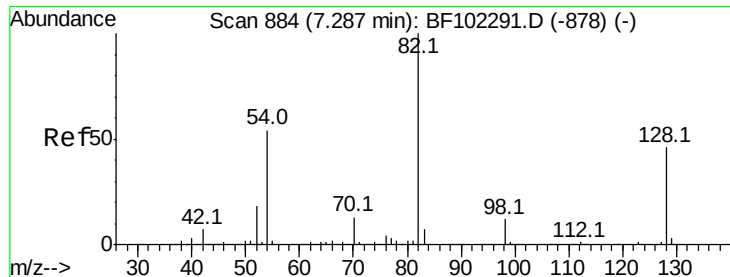
Tot Ion: 70 Resp: 102895
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion:136 Resp: 581974
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 5.6 5.0 7.4

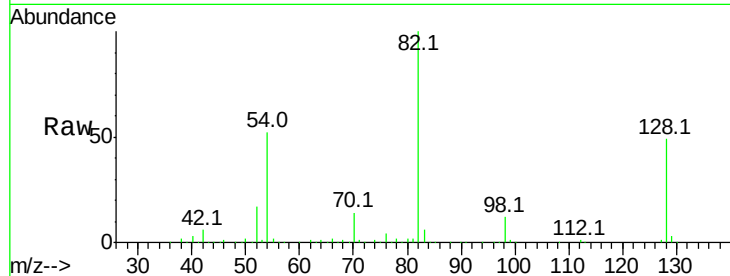




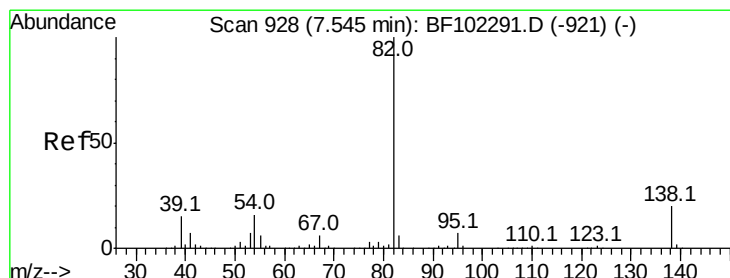
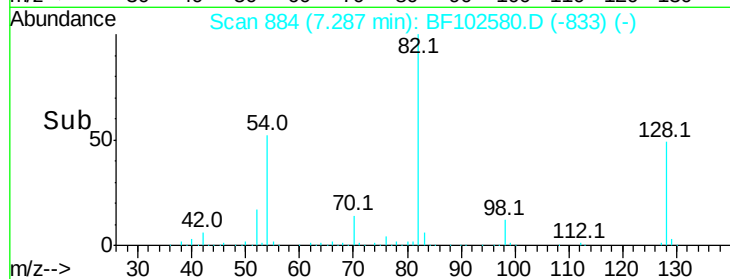
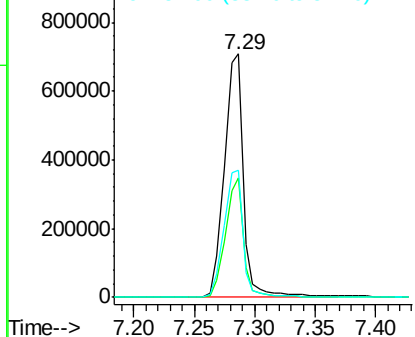
#23
 Nitrobenzene-d5
 Concen: 76.482 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 774544
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 52.2 41.4 62.2

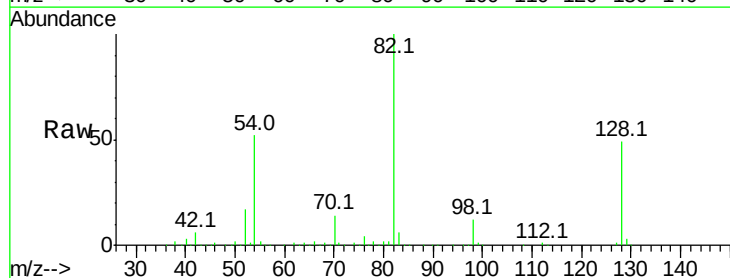


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

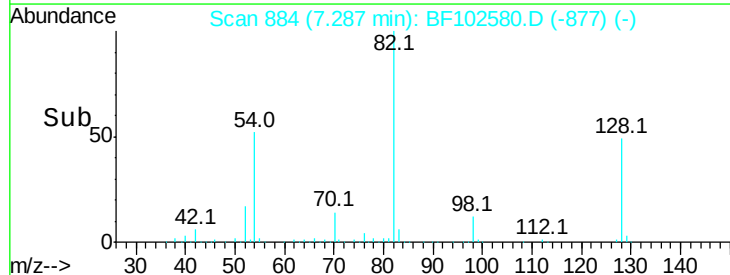
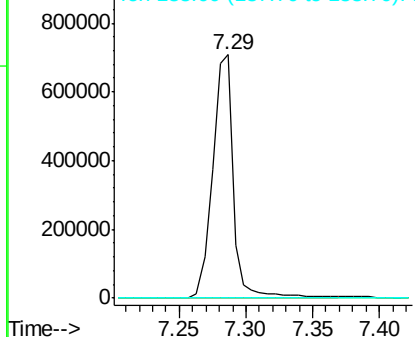


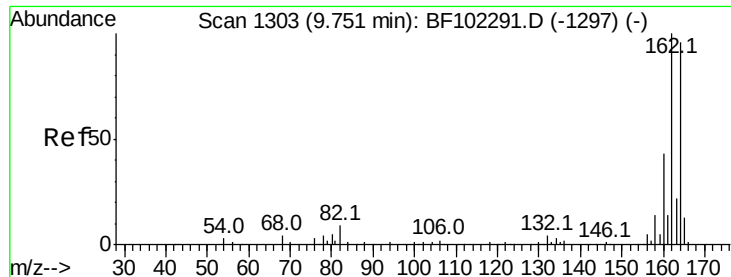
#25
 Isophorone
 Concen: 42.773 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Tgt Ion: 82 Resp: 772222
 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

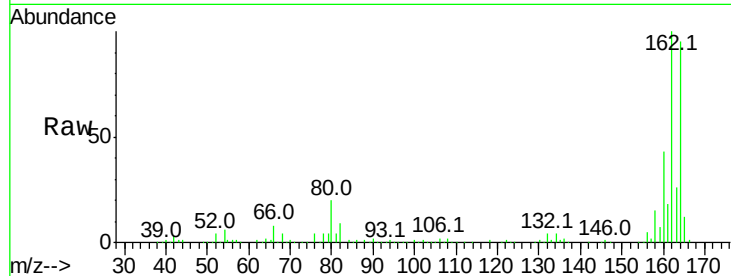




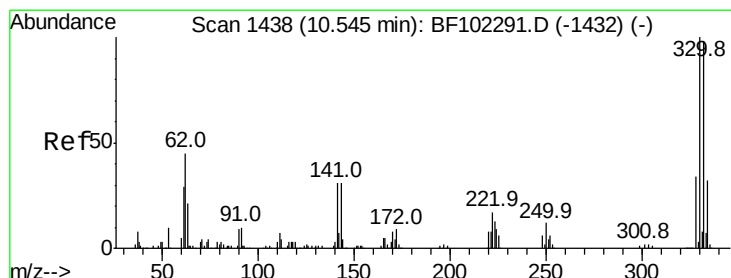
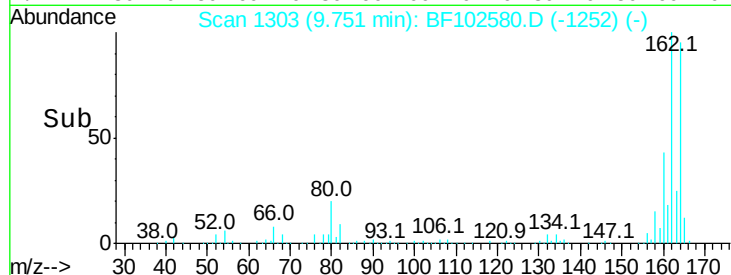
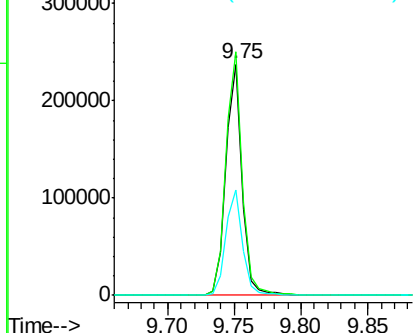
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 204954
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 45.6 38.3 57.5

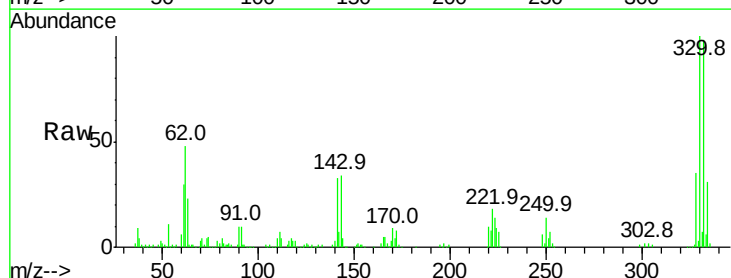


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

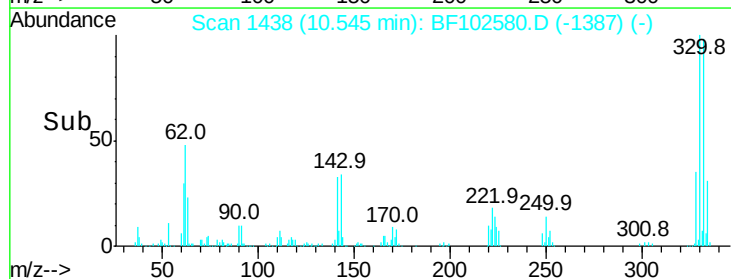
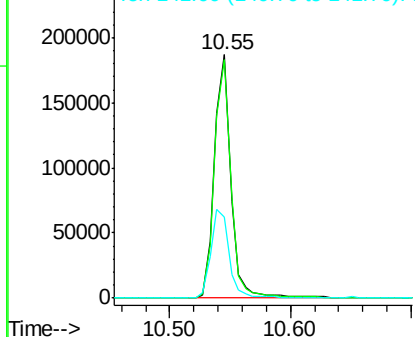


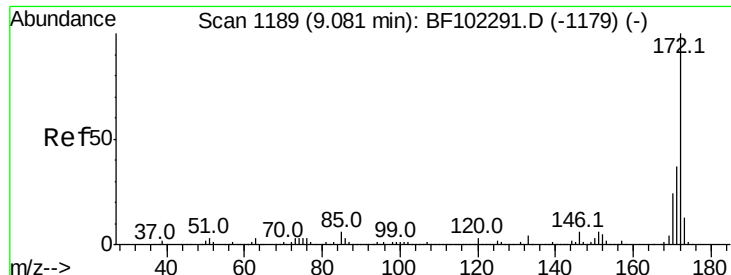
#41
 2,4,6-Tribromophenol
 Concen: 86.658 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Tgt Ion:330 Resp: 175984
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 40.0 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



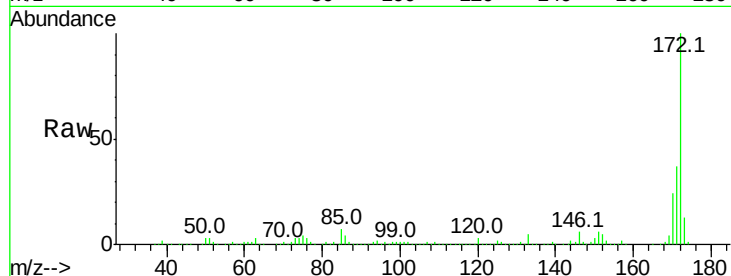


#44
 2-Fluorobiphenyl
 Concen: 75.552 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

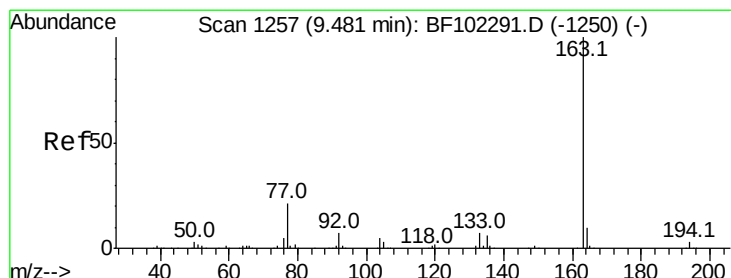
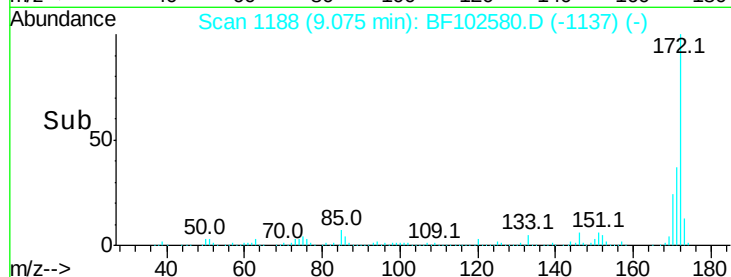
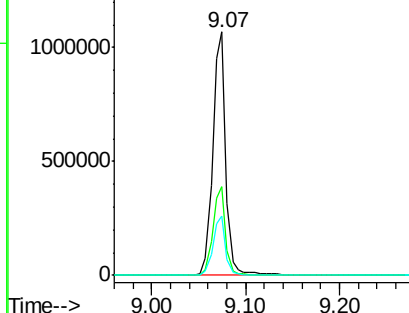
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1053129

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4



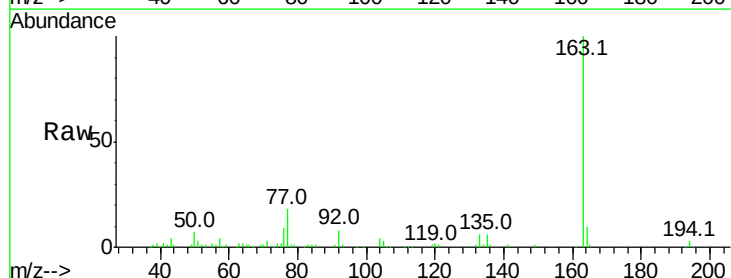
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



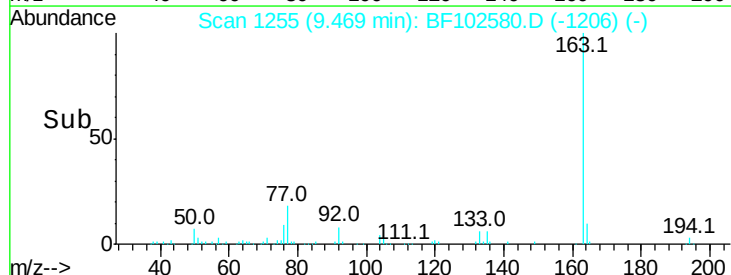
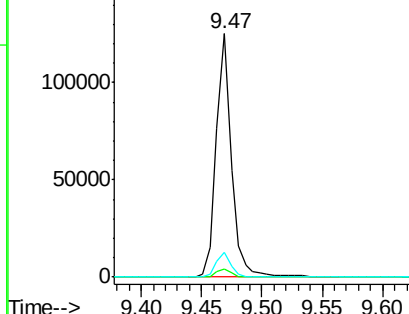
#49
 Dimethylphthalate
 Concen: 6.423 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

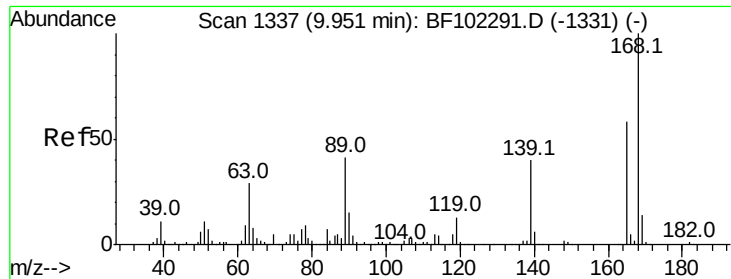
Tgt Ion:163 Resp: 108813

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	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

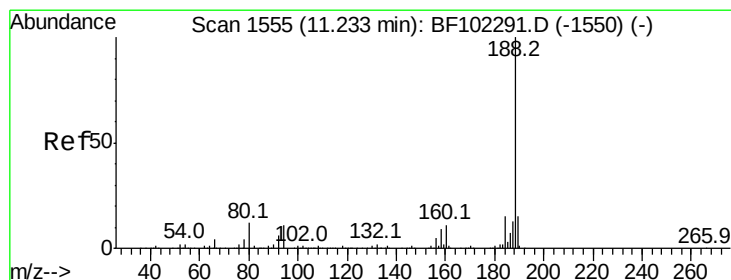
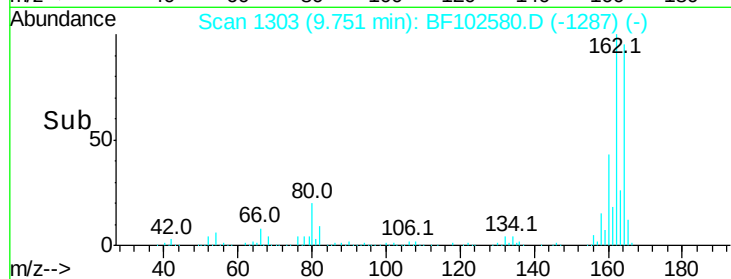
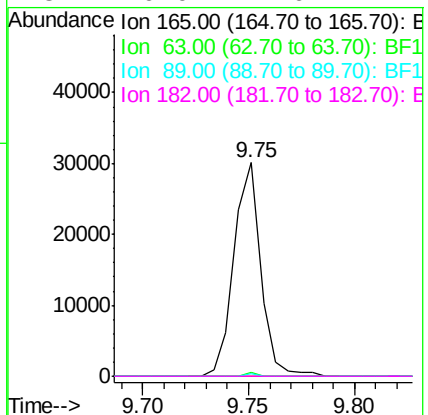
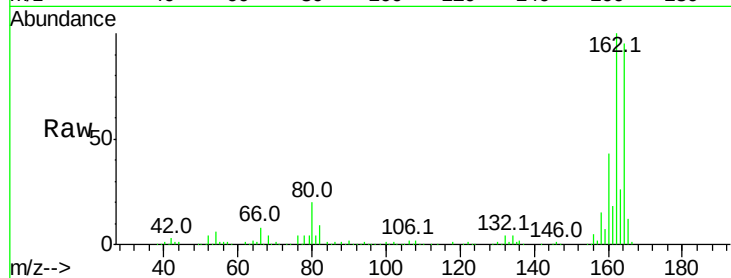




#56
2,4-Dinitrotoluene
Concen: 5.846 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

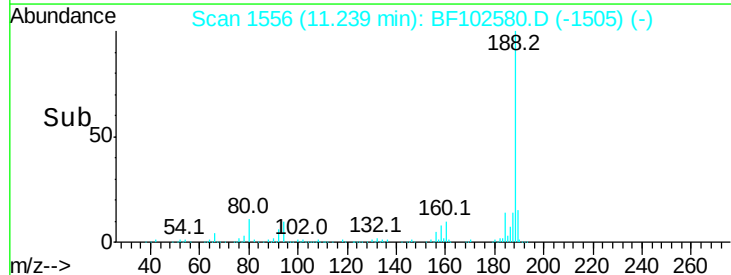
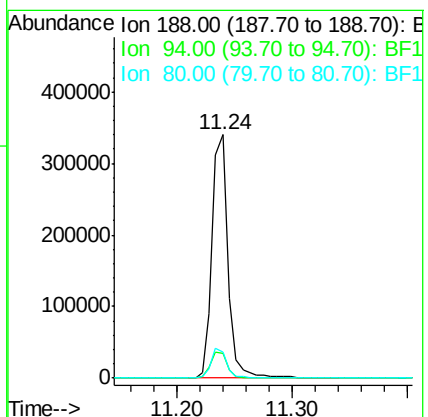
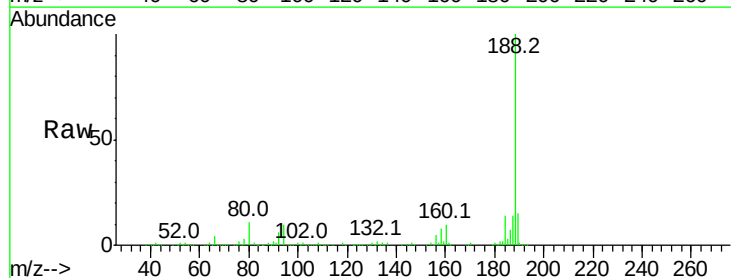
Instrument :
BNA_F
ClientSampleId :

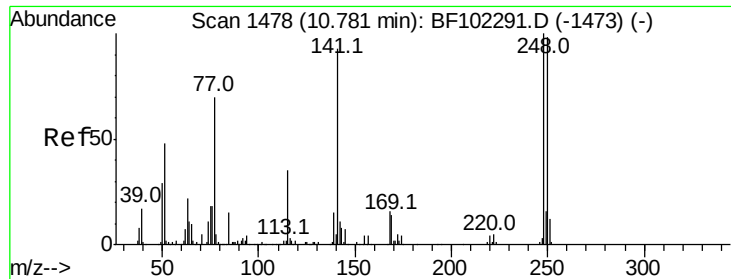
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102580.D
Acq: 29 Jan 2018 1:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

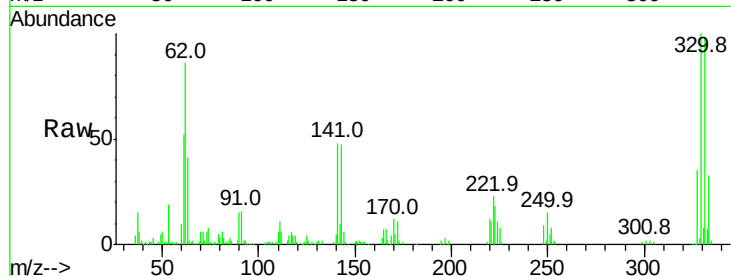




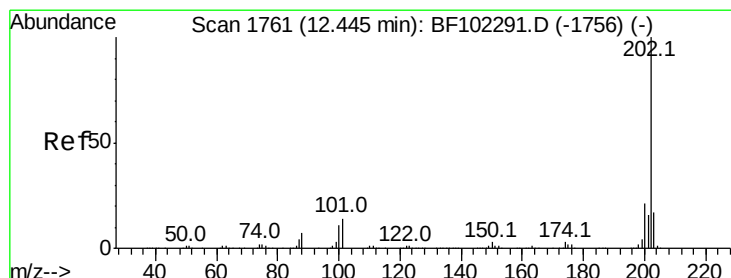
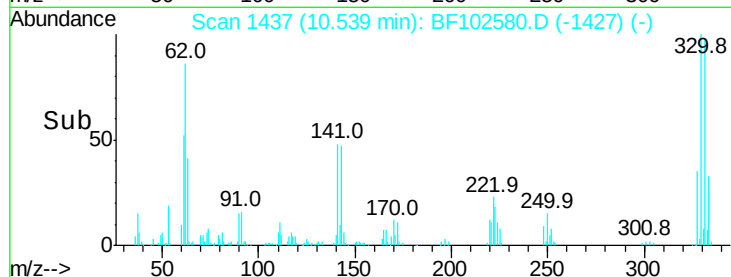
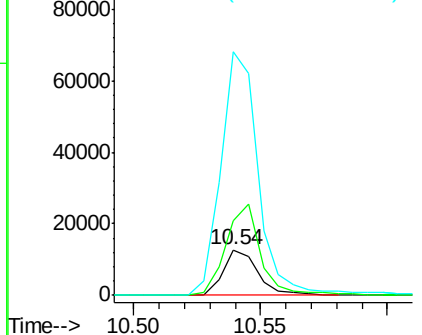
#66
 4-Bromophenyl-phenylether
 Concen: 3.441 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12132
 Ion Ratio Lower Upper
 248 100
 250 165.3 76.9 115.3#
 141 536.5 74.4 111.6#

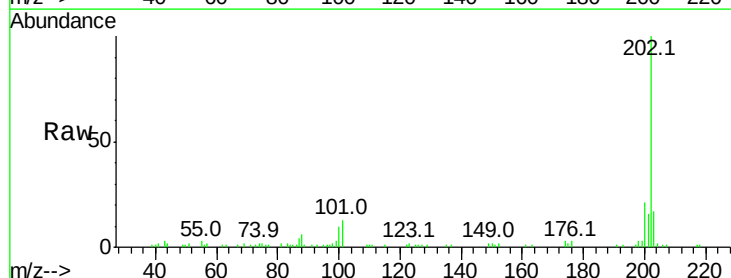


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

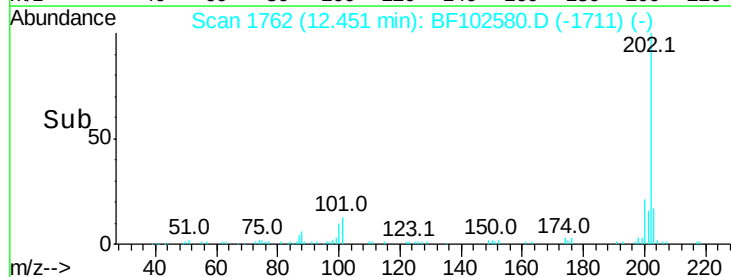
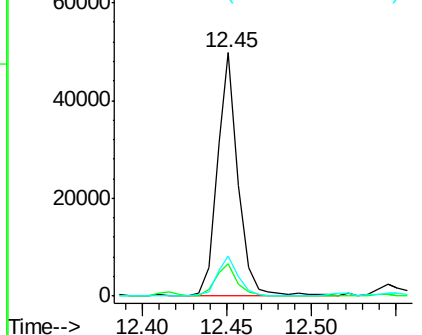


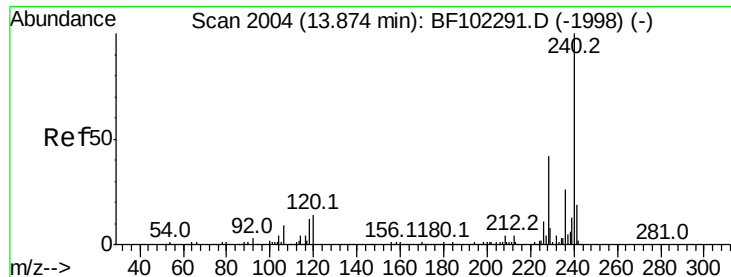
#74
 Fluoranthene
 Concen: 2.195 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF102580.D
 Acq: 29 Jan 2018 1:32

Tgt Ion:202 Resp: 42723
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 34.1
 203 16.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

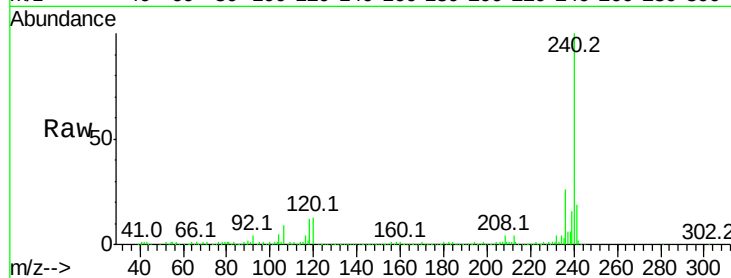
Tot Ion:240 Resp: 336116

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

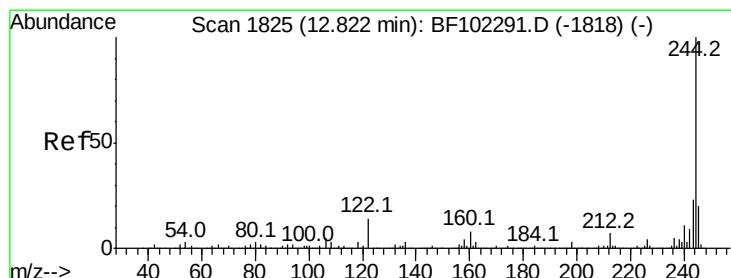
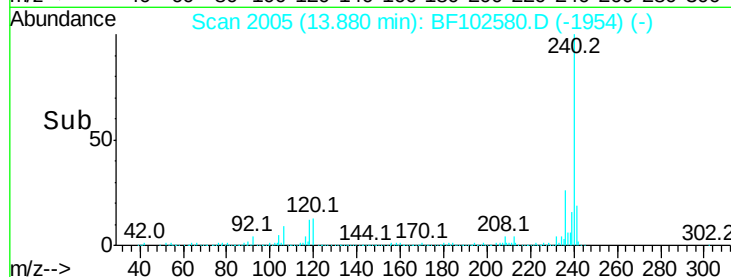
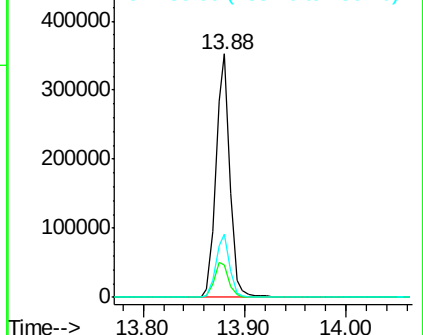
236 25.8 20.7 31.1



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: 59.694 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102580.D

Acq: 29 Jan 2018 1:32

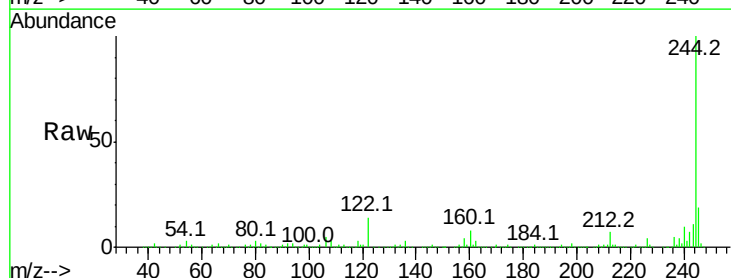
Tgt Ion:244 Resp: 890021

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

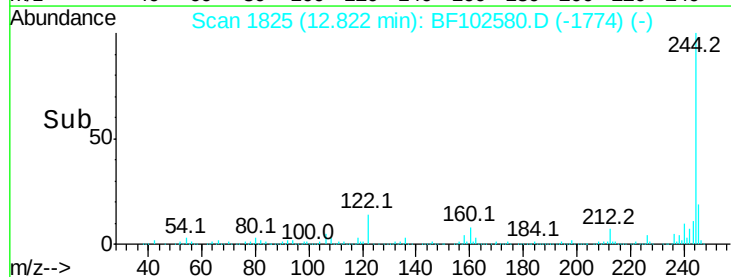
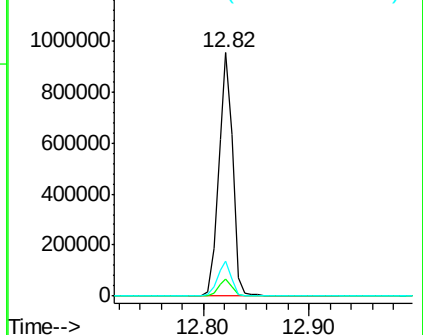
122 14.3 11.0 16.4

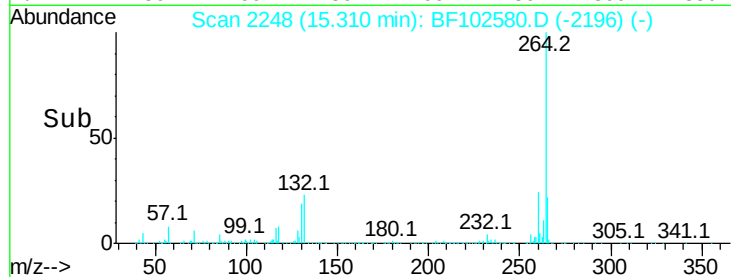
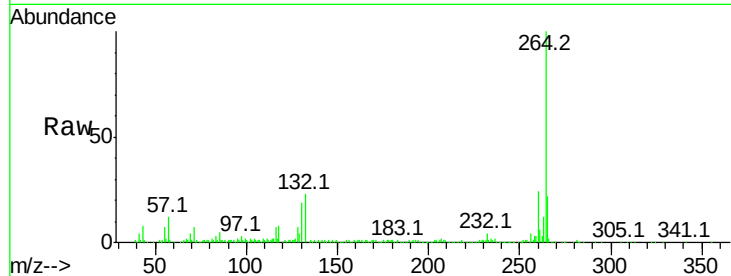
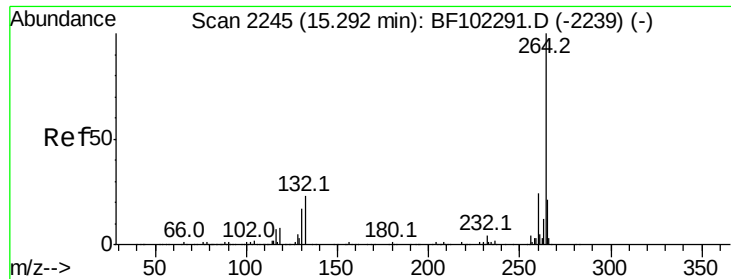


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102580.D

Acq: 29 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 240218

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.3 17.5 26.3

