

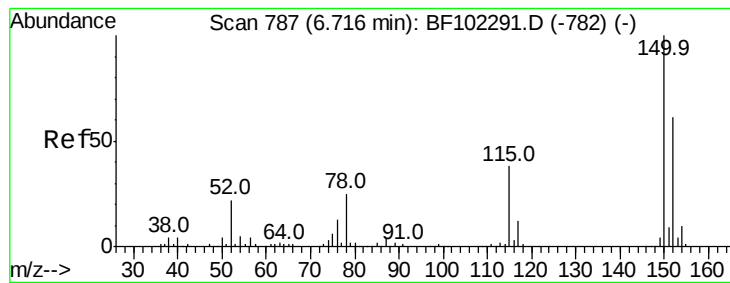
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102640.D
 Acq On : 30 Jan 2018 15:37
 Operator : SJ/JU
 Sample : J1341-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:17:39 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	144676	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	607310	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276695	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	499421	20.00	ng	0.00
75) Chrysene-d12	13.87	240	418963	20.00	ng	0.00
86) Perylene-d12	15.30	264	334706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1149226	120.44	ng	0.02
7) Phenol-d6	6.36	99	1275474	110.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	978795	92.62	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	329161	120.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1746478	92.81	ng	0.00
78) Terphenyl-d14	12.82	244	1657517	89.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	22170	2.732	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	130012	18.468	ng	# 81
25) Isophorone	7.28	82	978789	51.952	ng	# 64
49) Dimethylphthalate	9.46	163	67780	2.964	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	35377	7.175	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	35377	5.834	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	22723	4.227	ng	# 1

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

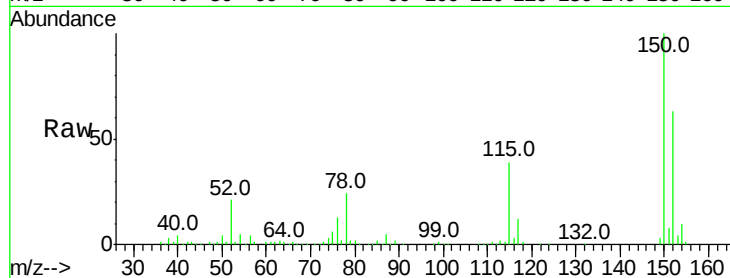


#1

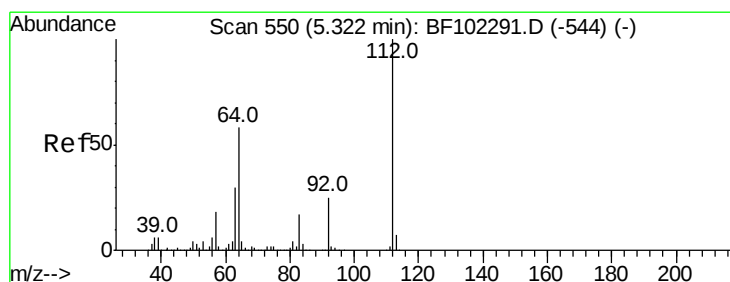
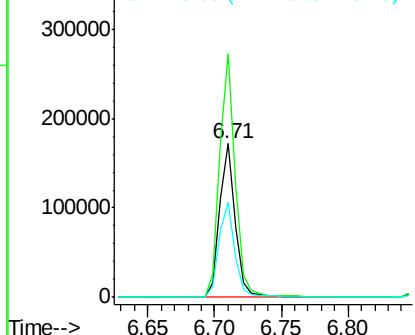
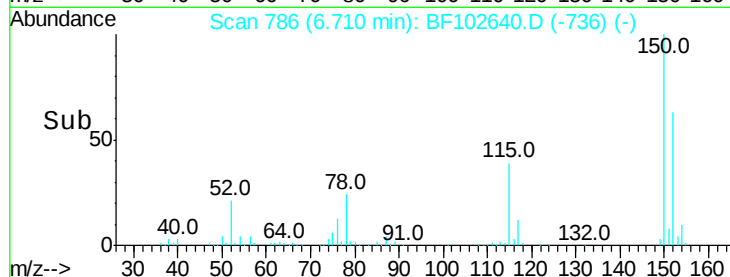
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 144676
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 61.8 50.1 75.1



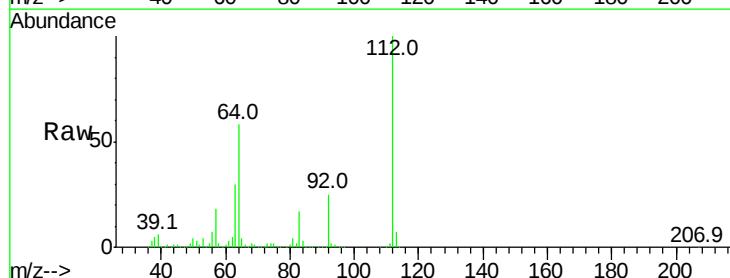
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



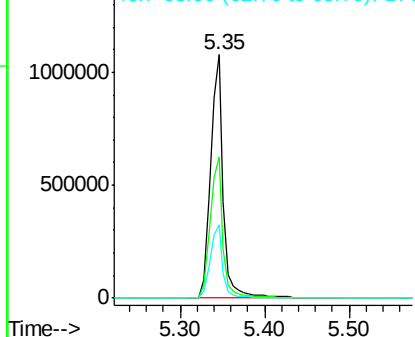
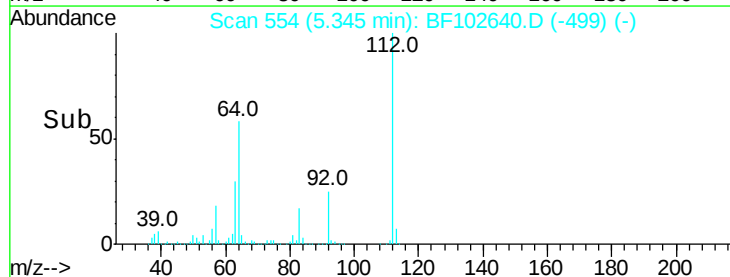
#5

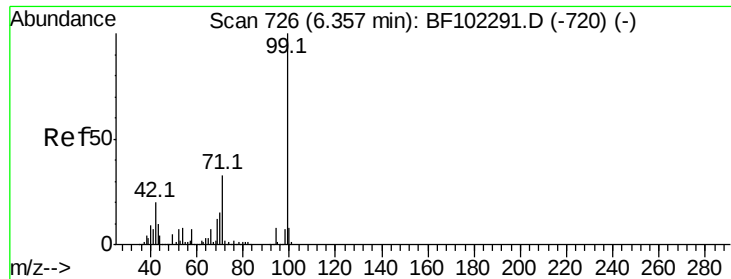
2-Fluorophenol
 Concen: 120.443 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

Tgt Ion:112 Resp: 1149226
 Ion Ratio Lower Upper
 112 100
 64 58.0 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: 110.879 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102640.D

Acq: 30 Jan 2018 15:37

Instrument :

BNA_F

ClientSampleId :

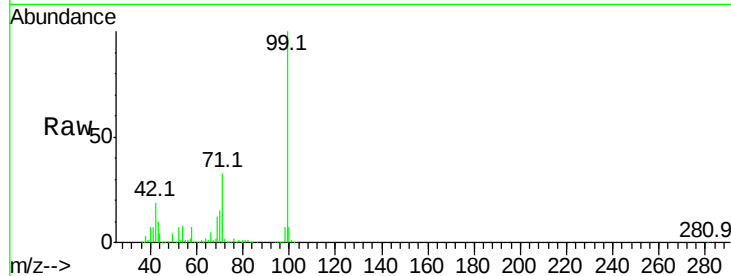
Tot Ion: 99 Resp: 1275474

Ion Ratio Lower Upper

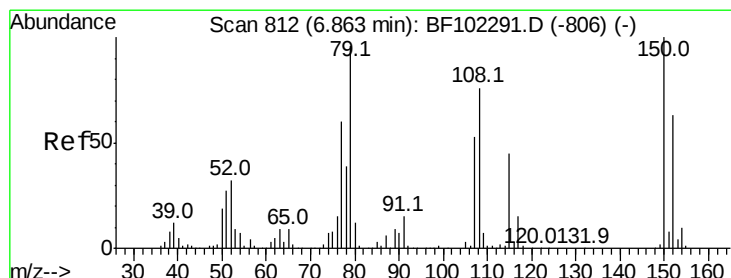
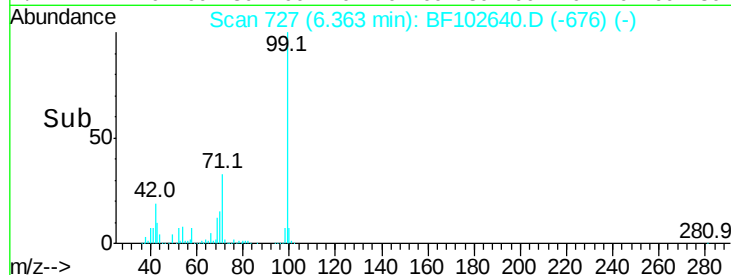
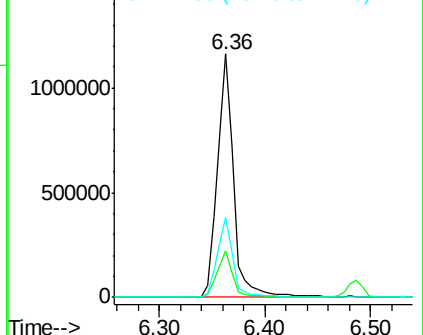
99 100

42 18.8 14.5 21.7

71 33.0 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



#15

Benzyl Alcohol

Concen: 2.732 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102640.D

Acq: 30 Jan 2018 15:37

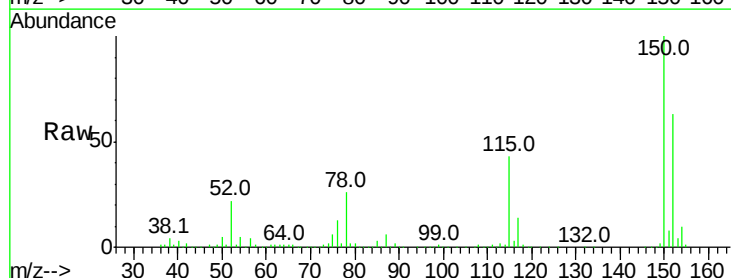
Tgt Ion: 79 Resp: 22170

Ion Ratio Lower Upper

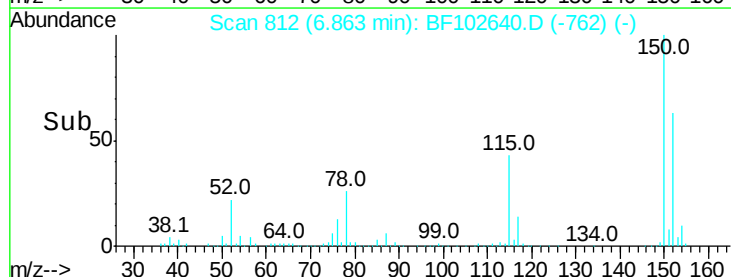
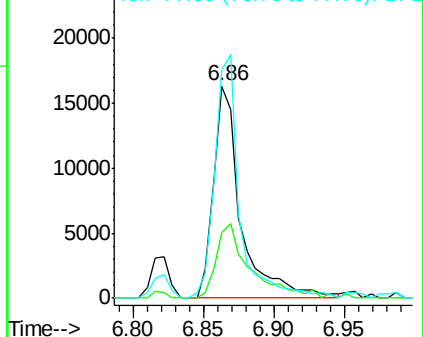
79 100

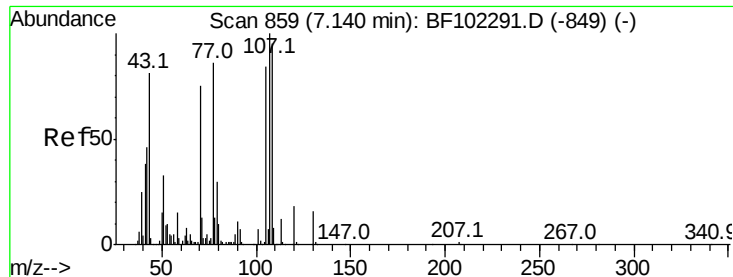
108 30.8 65.1 97.7#

77 107.9 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.468 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102640.D

Acq: 30 Jan 2018 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 130012

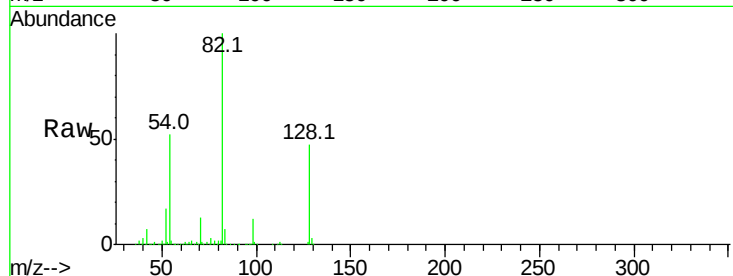
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

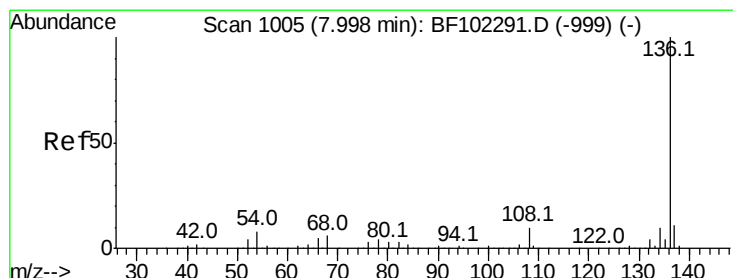
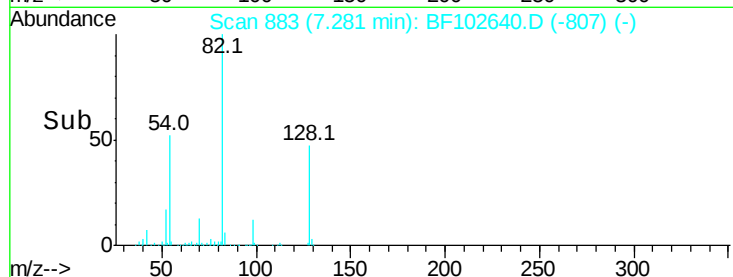
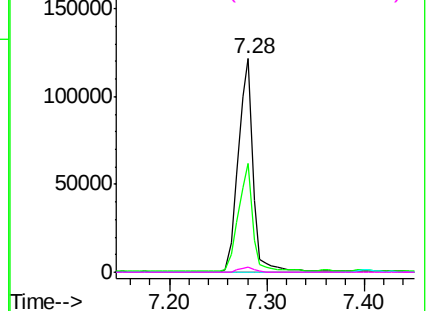


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102640.D

Acq: 30 Jan 2018 15:37

Tgt Ion:136 Resp: 607310

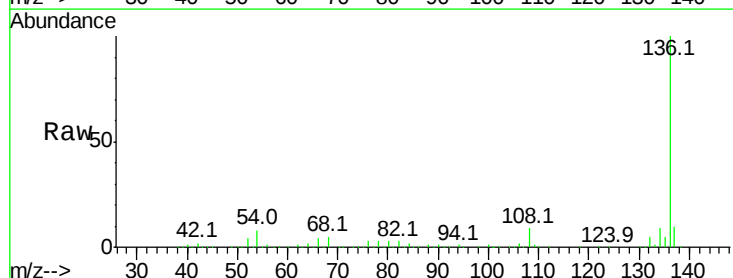
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

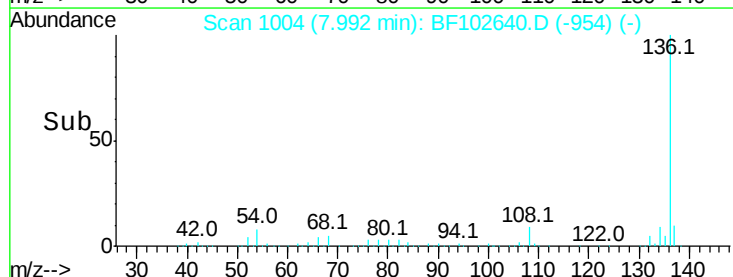
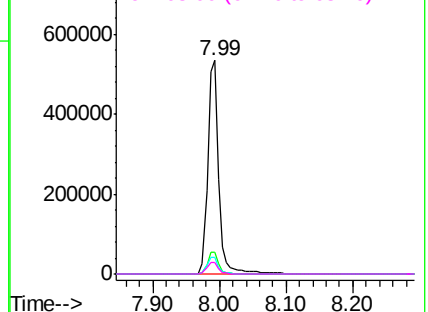


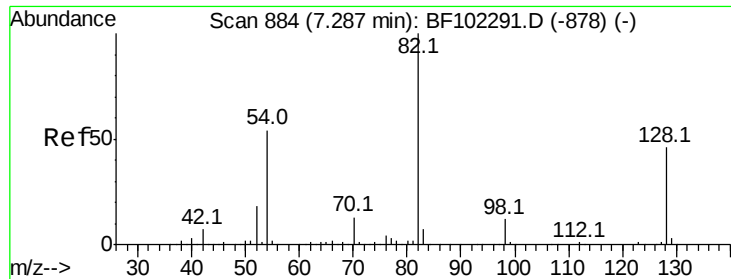
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

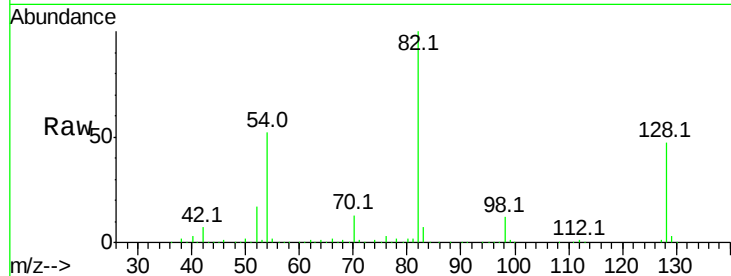




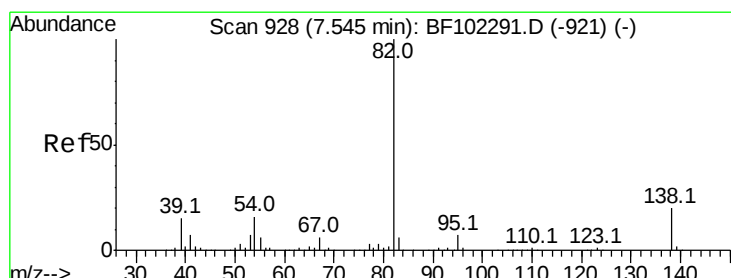
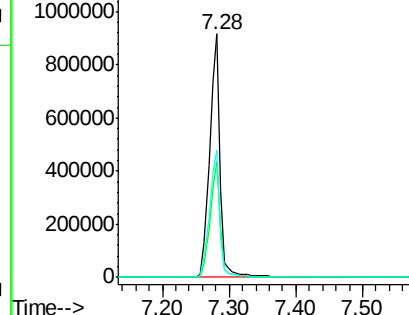
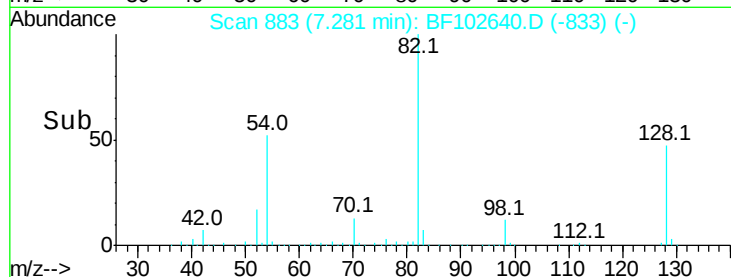
#23
 Nitrobenzene-d5
 Concen: 92.619 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	978795
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	52.3	41.4	62.2

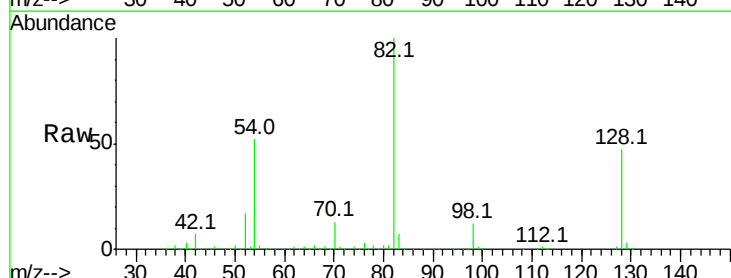


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

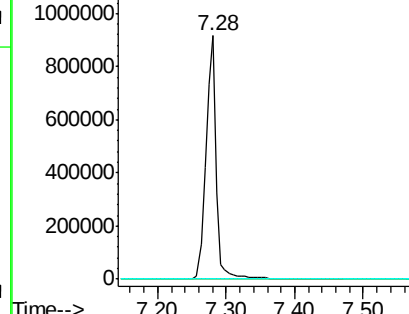
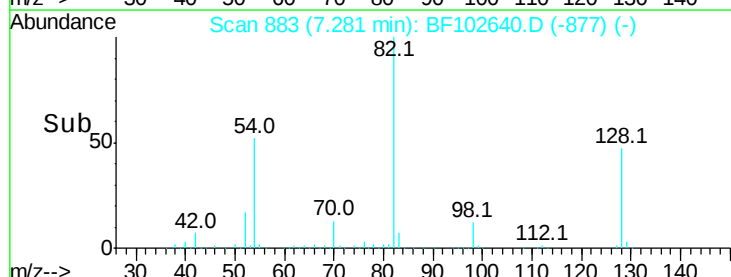


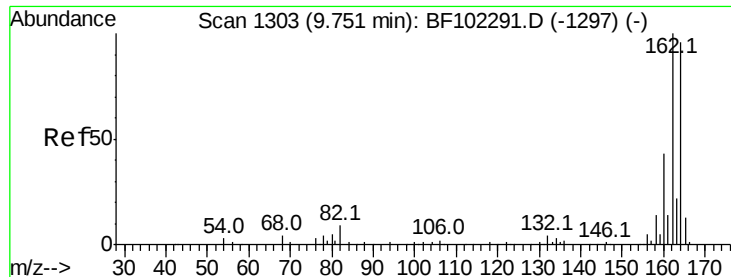
#25
 Isophorone
 Concen: 51.952 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

Tgt Ion	82	Resp	978789
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

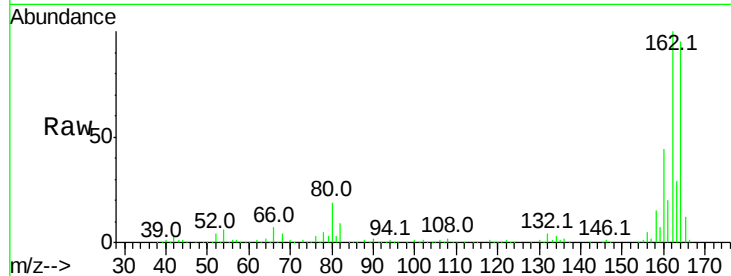




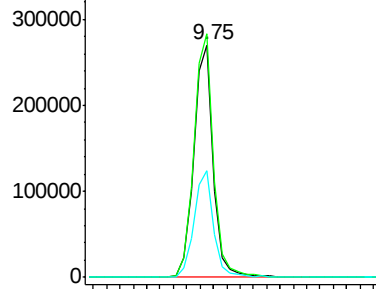
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

Instrument :
BNA_F
ClientSampleId :

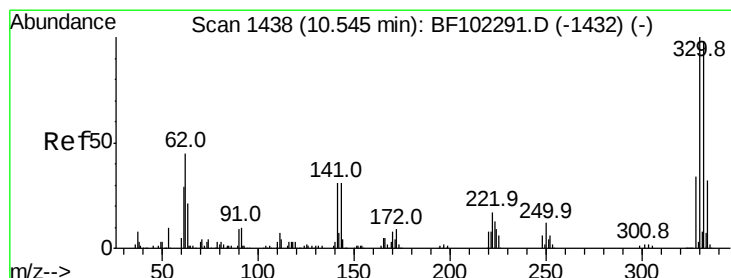
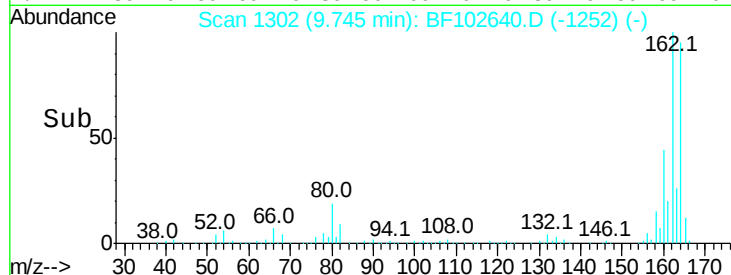
Tot Ion:164 Resp: 276695
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.0 38.3 57.5



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

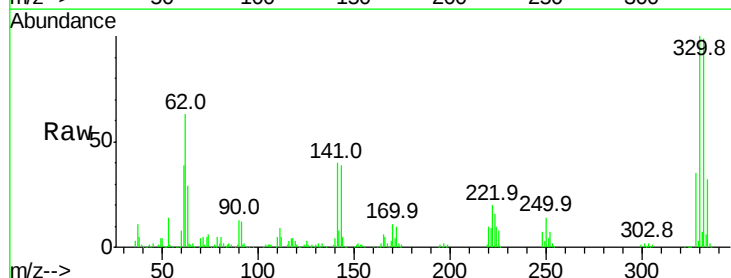


Time-->

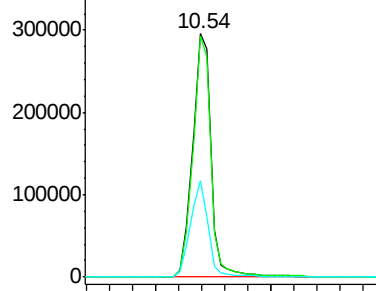


#41
2,4,6-Tribromophenol
Concen: 120.059 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

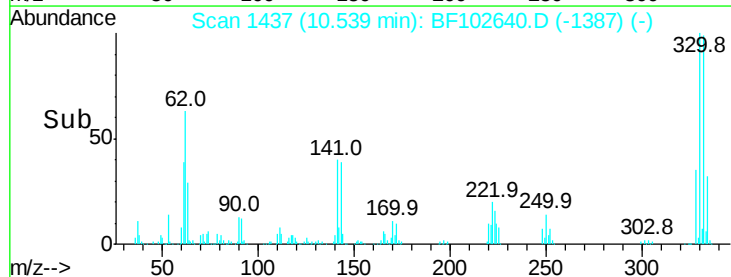
Tgt Ion:330 Resp: 329161
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 38.7 29.9 44.9

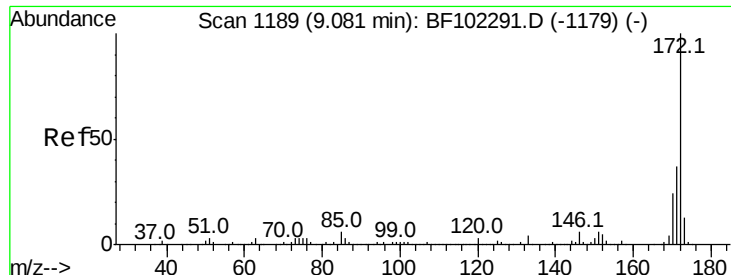


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

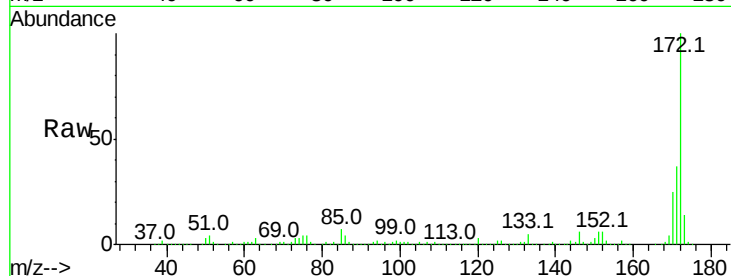




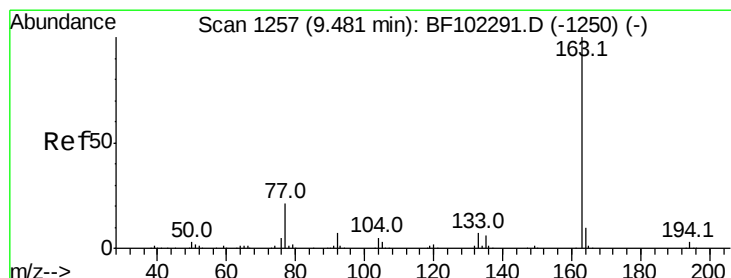
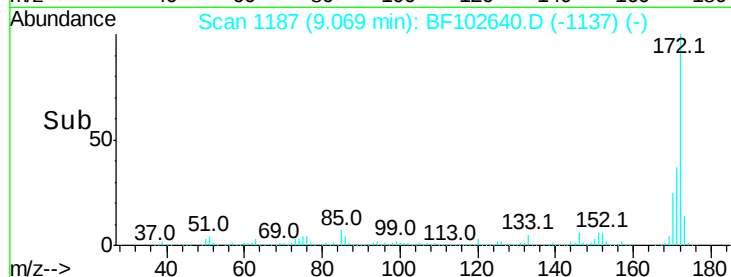
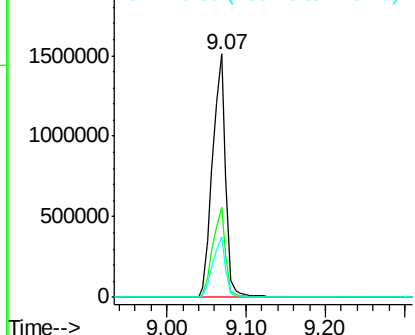
#44
2-Fluorobiphenyl
Concen: 92.808 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1746478
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 19.6 29.4

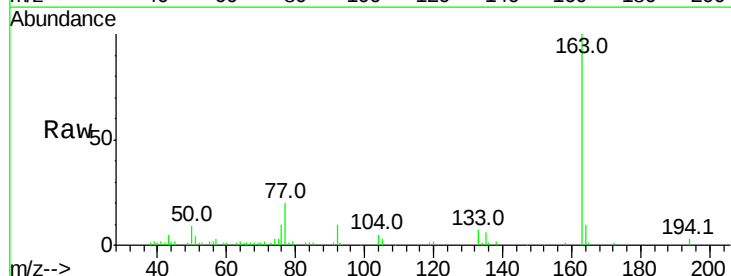


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

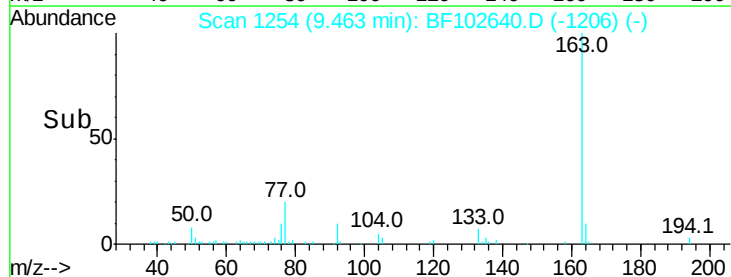
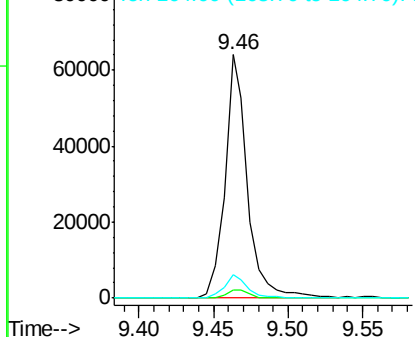


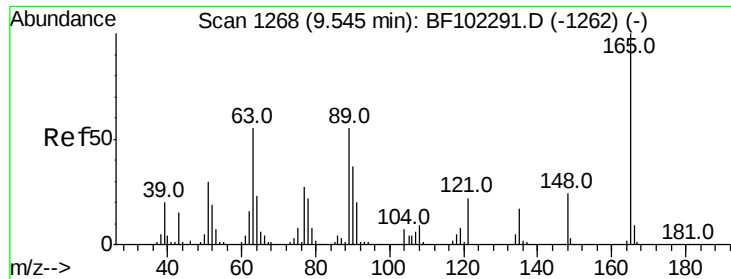
#49
Dimethylphthalate
Concen: 2.964 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

Tgt Ion:163 Resp: 67780
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 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

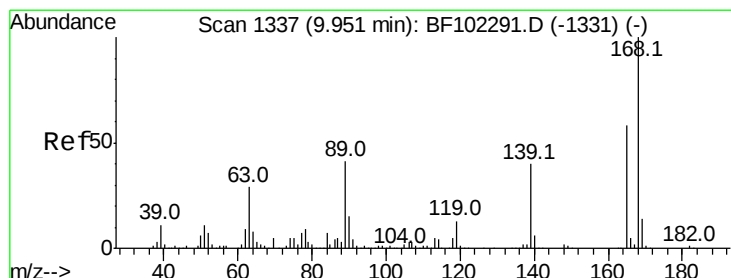
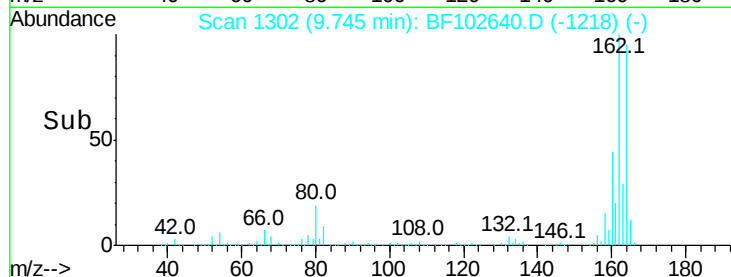
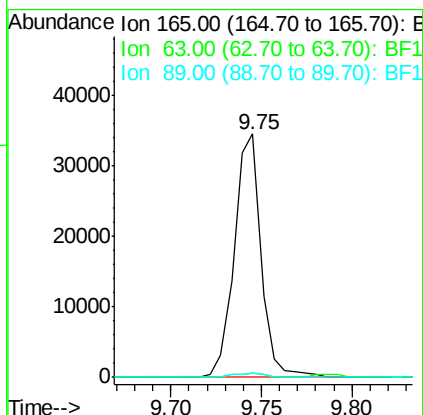
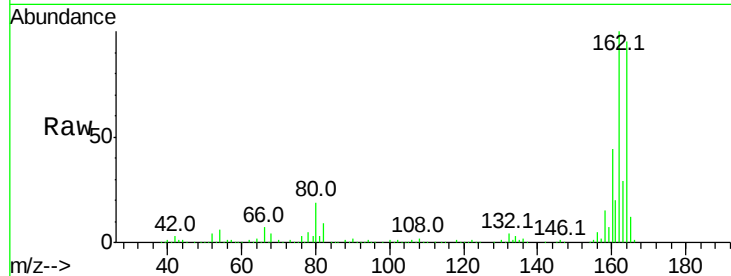




#50
 2,6-Dinitrotoluene
 Concen: 7.175 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

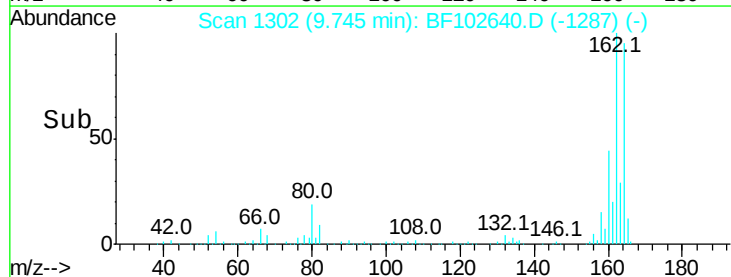
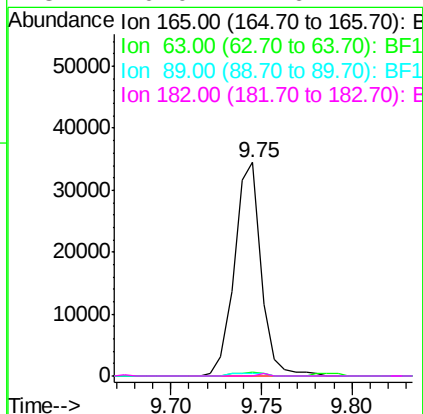
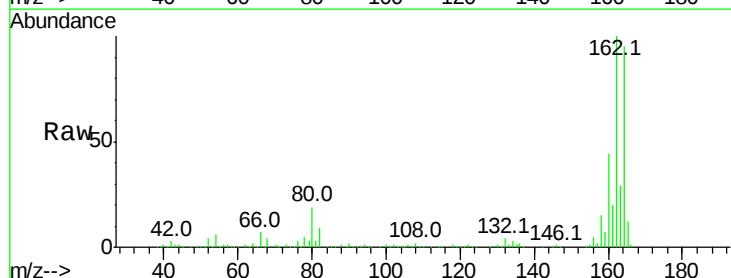
Instrument :
 BNA_F
 ClientSampleId :

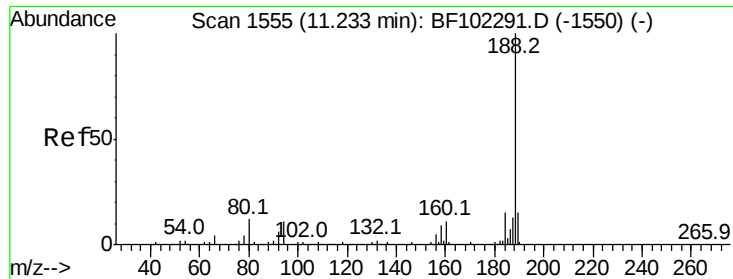
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.834 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102640.D
 Acq: 30 Jan 2018 15:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

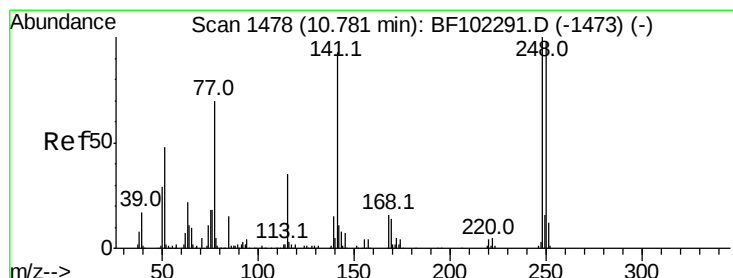
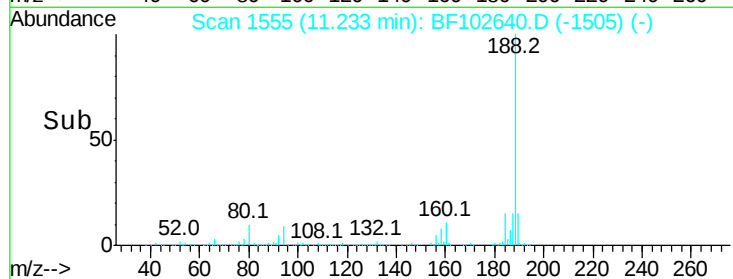
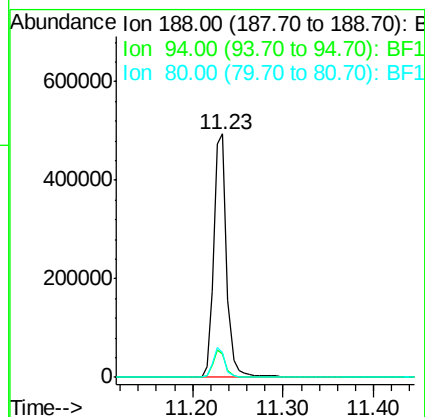
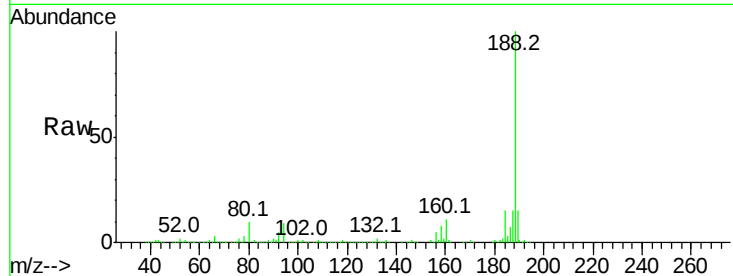




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

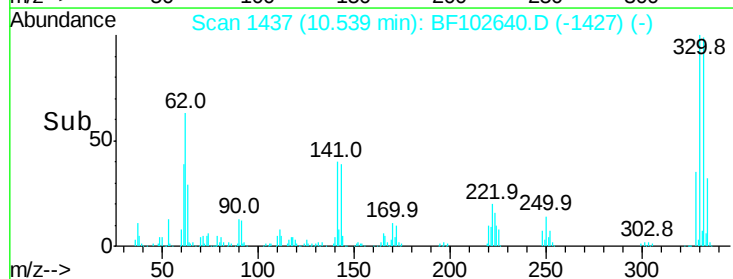
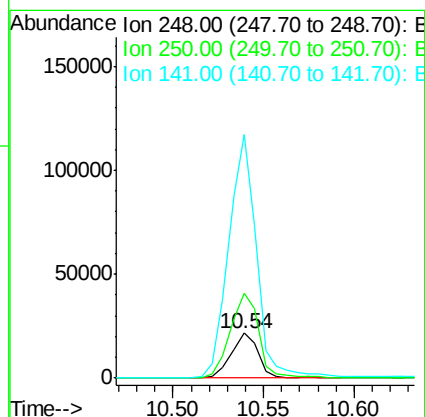
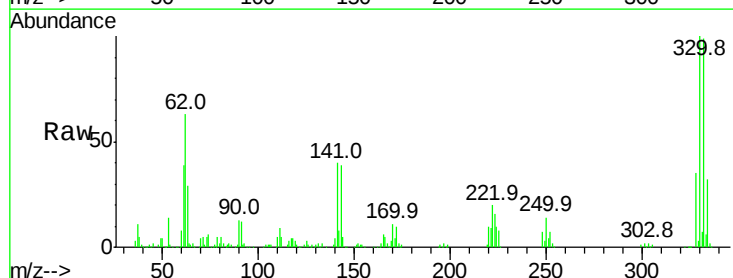
Instrument :
BNA_F
ClientSampleId :

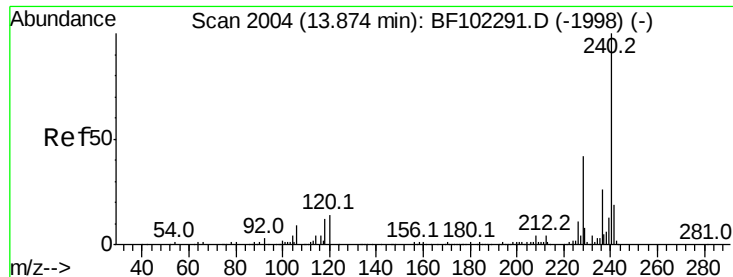
Tot Ion:188 Resp: 499421
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

Tgt Ion:248 Resp: 22723
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 545.6 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: BF102640.D

Acq: 30 Jan 2018 15:37

Instrument :

BNA_F

ClientSampleId :

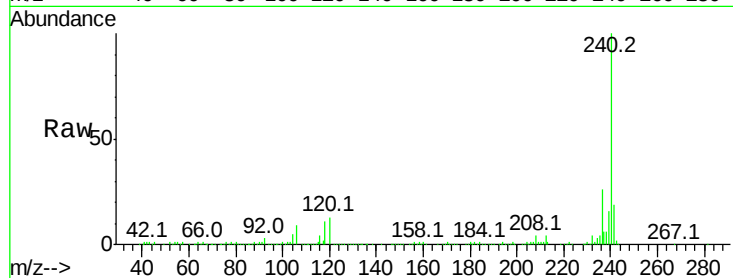
Tot Ion:240 Resp: 418963

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

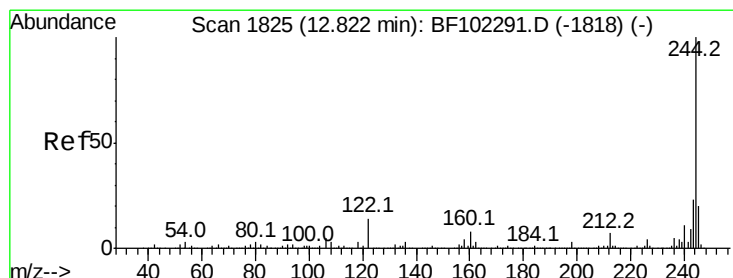
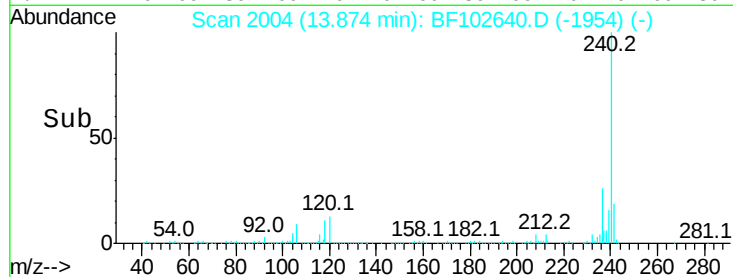
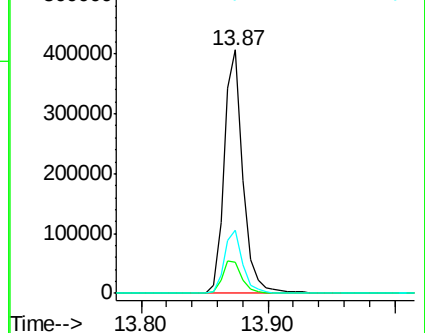
236 26.0 20.7 31.1



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: 89.188 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102640.D

Acq: 30 Jan 2018 15:37

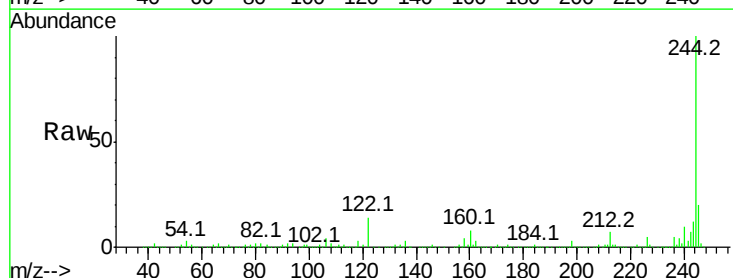
Tgt Ion:244 Resp: 1657517

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

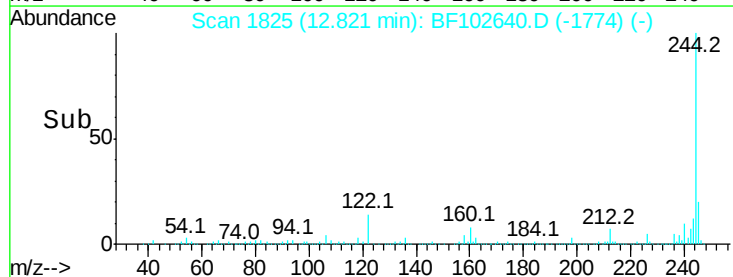
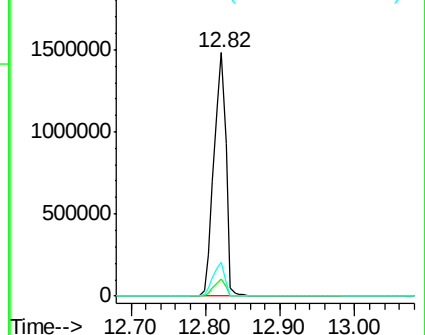
122 13.6 11.0 16.4

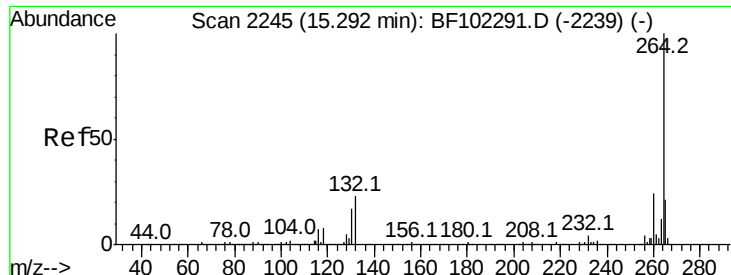


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

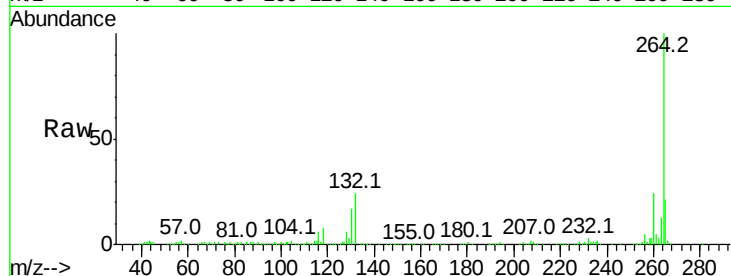




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102640.D
Acq: 30 Jan 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	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

