

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102646.D
 Acq On : 30 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1365-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

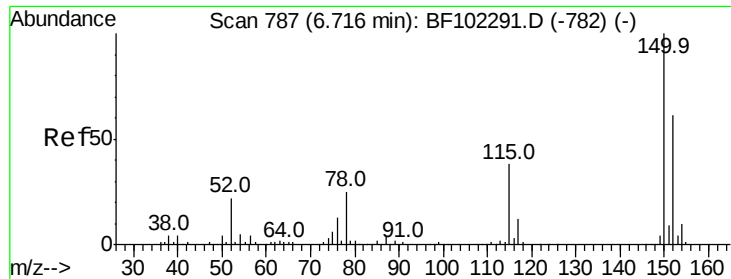
Quant Time: Jan 30 22:19:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	147273	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	605670	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276753	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	487042	20.00	ng	0.00
75) Chrysene-d12	13.87	240	366469	20.00	ng	0.00
86) Perylene-d12	15.30	264	262857	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1137010	117.06	ng	0.02
7) Phenol-d6	6.36	99	1251060	106.84	ng	0.00
23) Nitrobenzene-d5	7.28	82	990005	93.93	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	327711	119.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1673362	88.90	ng	0.00
78) Terphenyl-d14	12.82	244	1570724	96.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	131047	18.287	ng	# 77
25) Isophorone	7.28	82	989999	52.690	ng	# 64
31) Naphthalene	8.02	128	818586	27.069	ng	100
33) 4-Chloroaniline	8.02	127	108090	8.500	ng	# 36
37) 2-Methylnaphthalene	8.71	142	41351	2.053	ng	98
49) Dimethylphthalate	9.75	163	65176	2.849	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	34914	7.079	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	34914	5.757	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	21821	4.162	ng	# 1

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

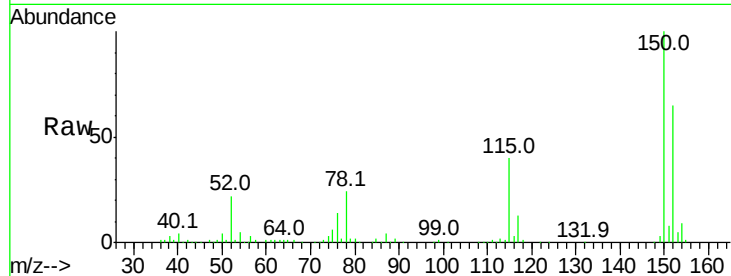


#1

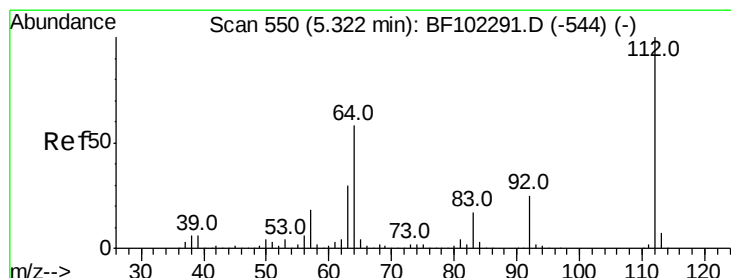
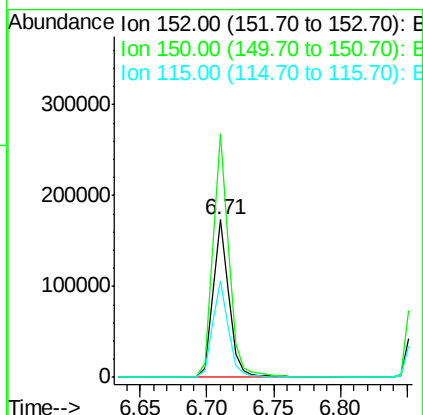
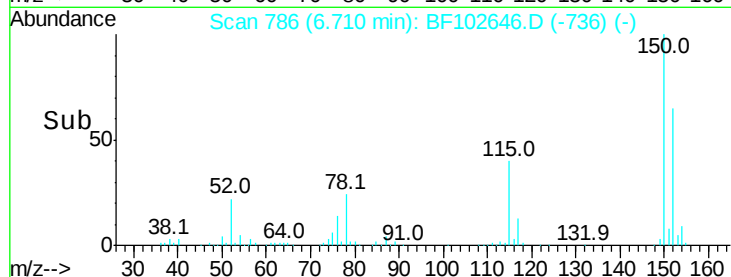
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102646.D
 Acq: 30 Jan 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 147273
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 61.2 50.1 75.1



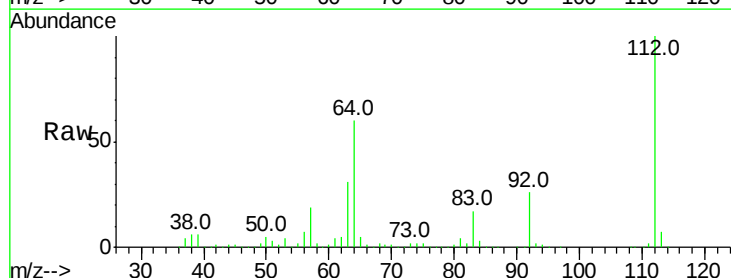
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



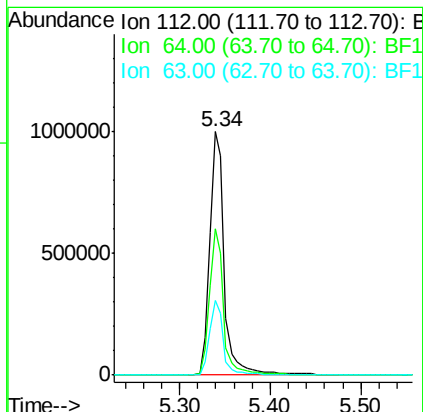
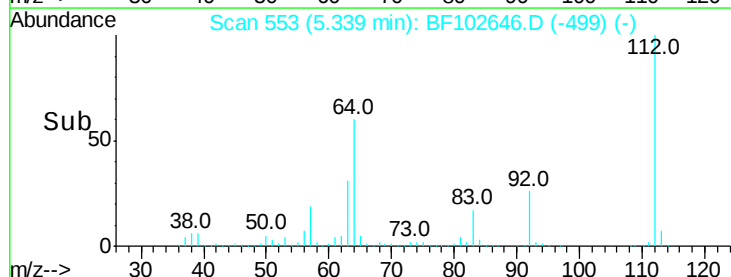
#5

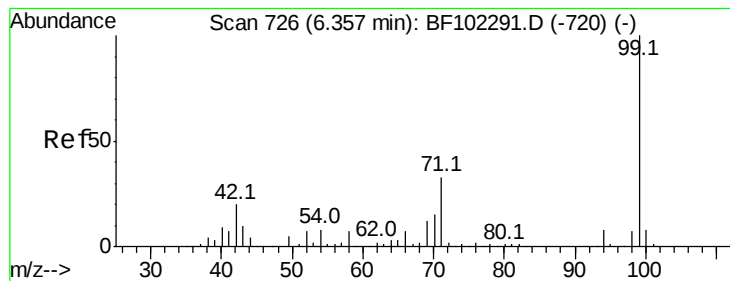
2-Fluorophenol
 Concen: 117.062 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102646.D
 Acq: 30 Jan 2018 18:20

Tgt Ion:112 Resp: 1137010
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 30.8 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: 106.839 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102646.D

Acq: 30 Jan 2018 18:20

Instrument :

BNA_F

ClientSampled :

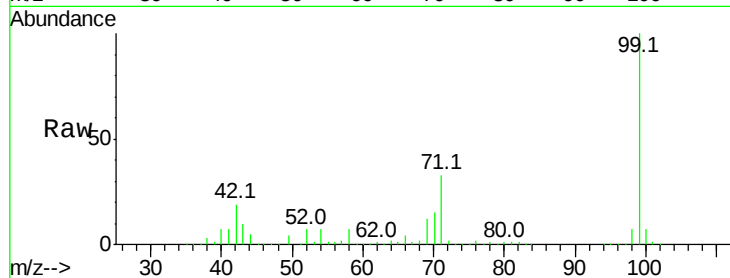
Tot Ion: 99 Resp: 1251060

Ion Ratio Lower Upper

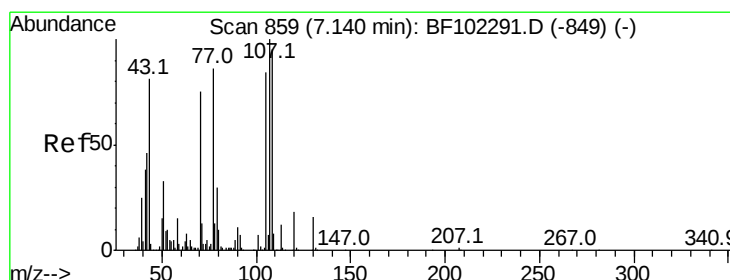
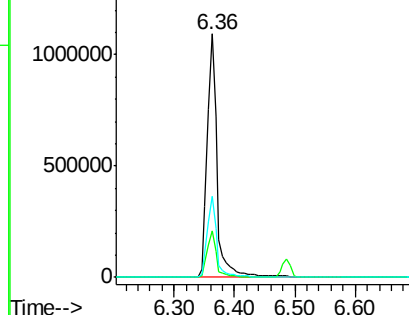
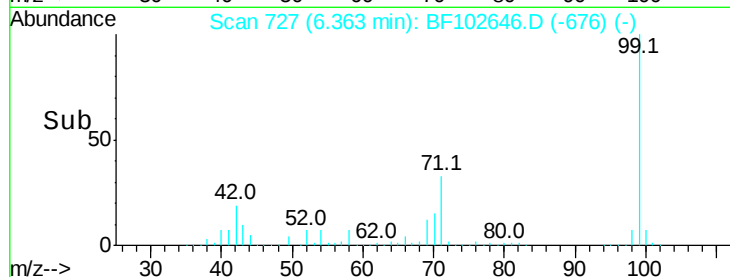
99 100

42 19.2 14.5 21.7

71 33.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.287 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102646.D

Acq: 30 Jan 2018 18:20

Tgt Ion: 70 Resp: 131047

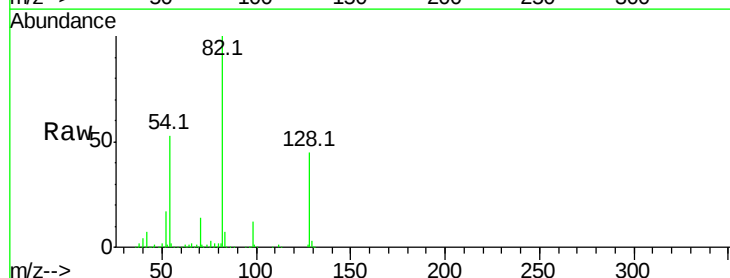
Ion Ratio Lower Upper

70 100

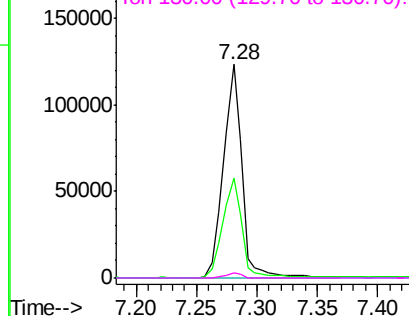
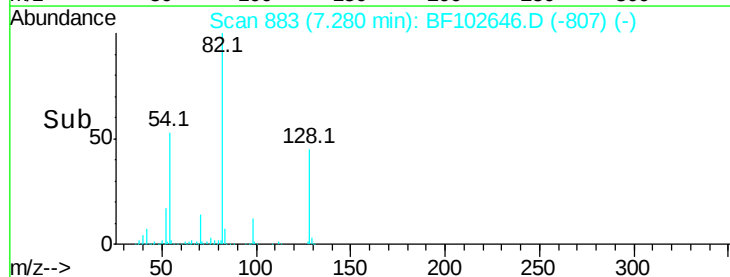
42 47.0 47.5 71.3#

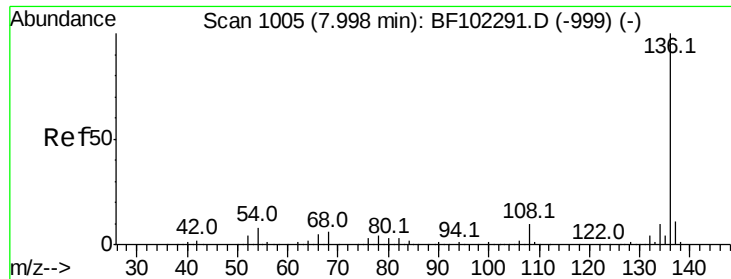
101 0.0 7.4 11.2#

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

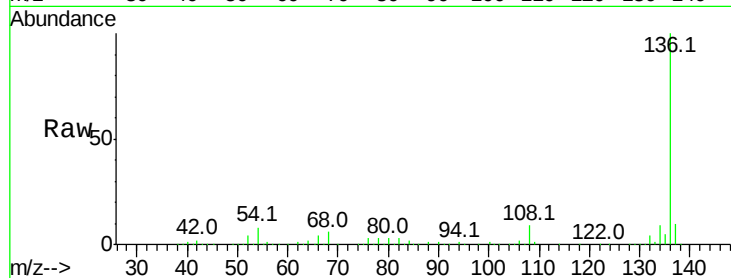




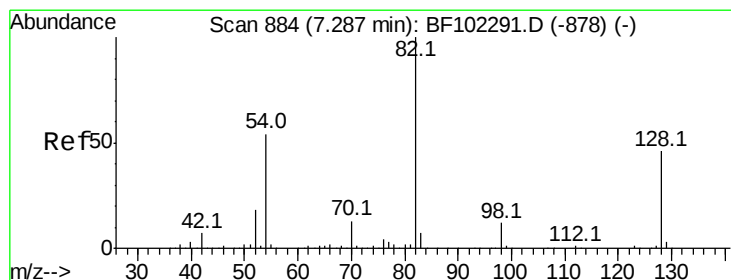
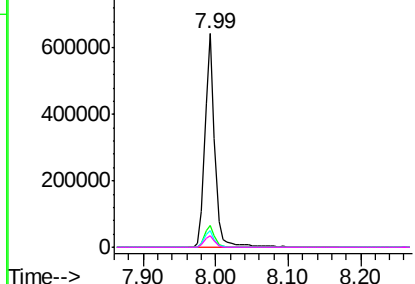
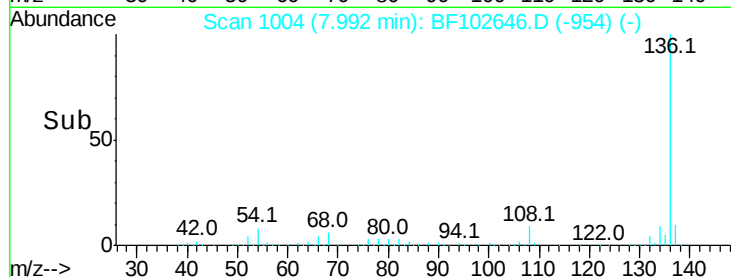
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	605670	
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.8	6.6	9.8
68	5.7	5.0	7.4

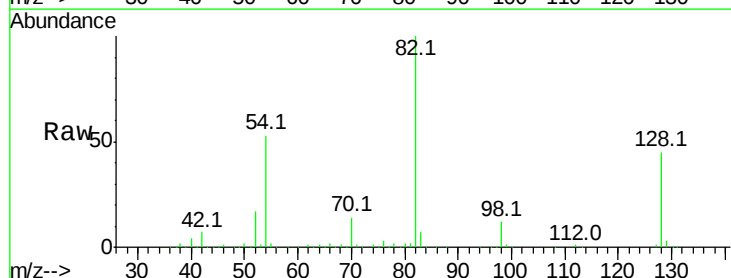


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

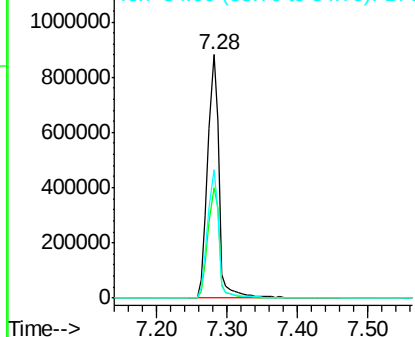
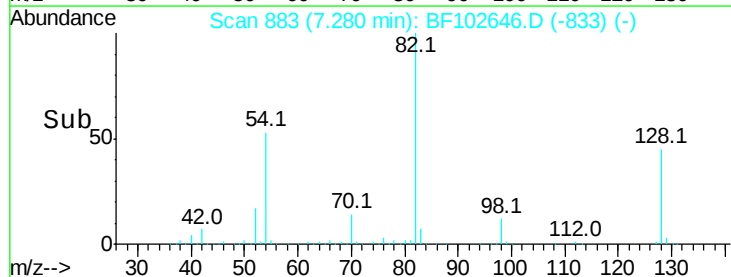


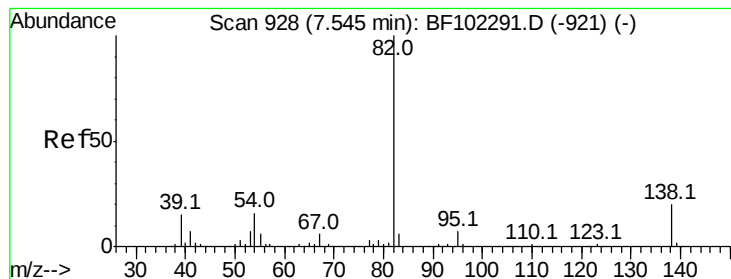
#23
Nitrobenzene-d5
Concen: 93.933 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Tgt Ion: 82	Resp: 990005
Ion Ratio	Lower Upper
82 100	
128 45.2	36.1 54.1
54 52.7	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: 52.690 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102646.D

Acq: 30 Jan 2018 18:20

Instrument :

BNA_F

ClientSampled :

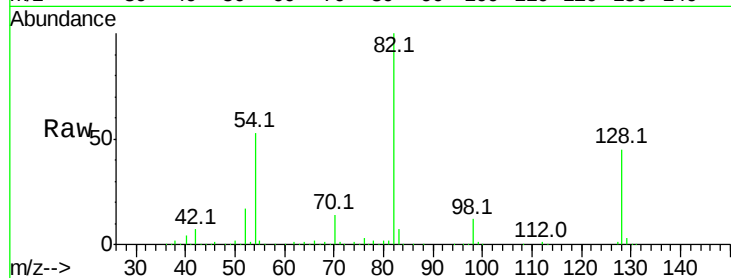
Tot Ion: 82 Resp: 989999

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

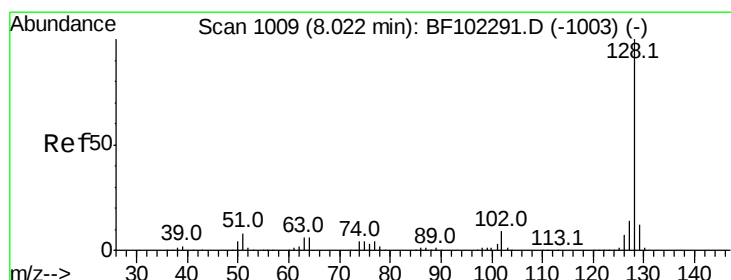
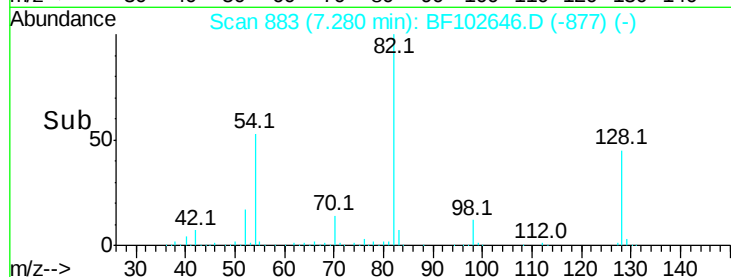
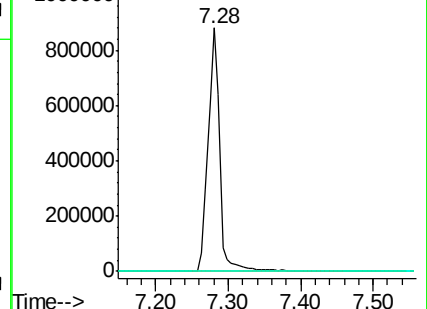
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 27.069 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102646.D

Acq: 30 Jan 2018 18:20

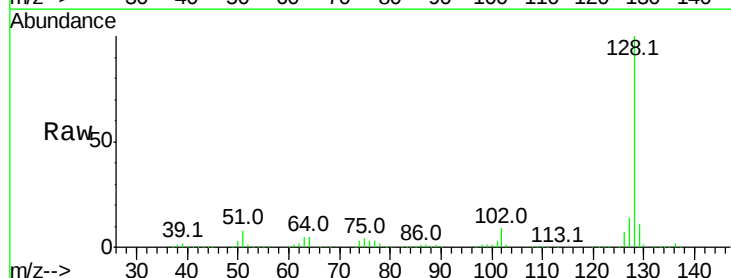
Tgt Ion:128 Resp: 818586

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

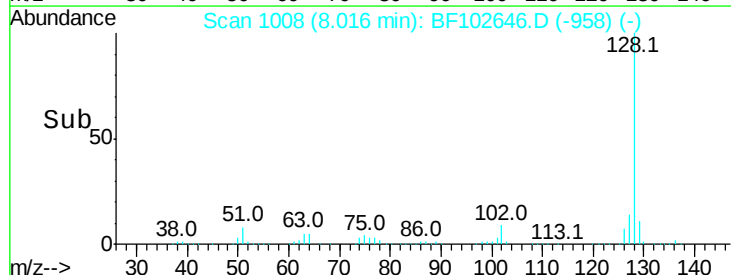
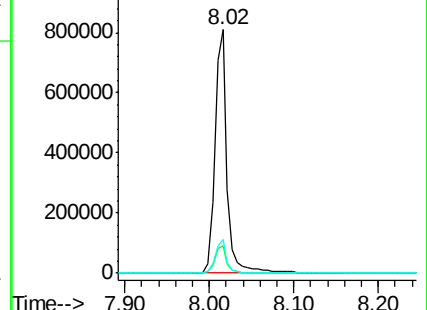
127 13.8 10.9 16.3

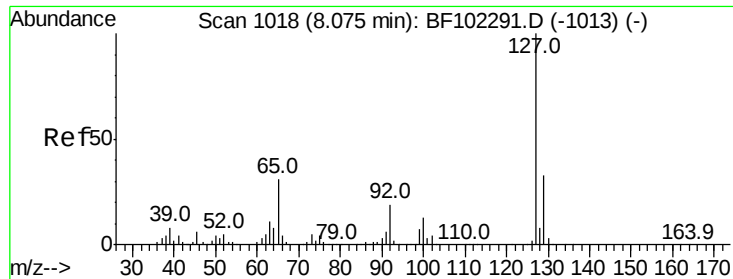


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

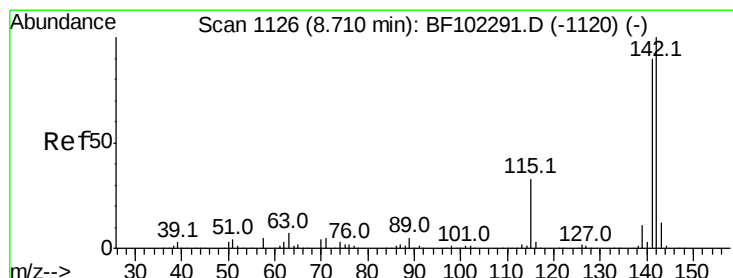
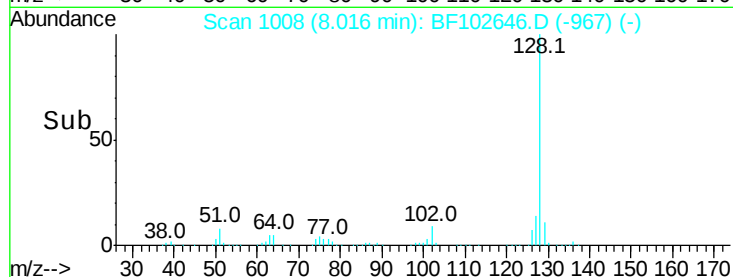
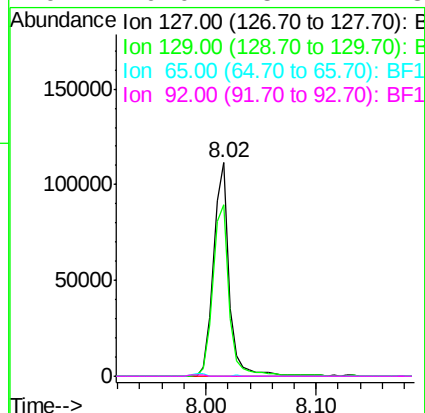
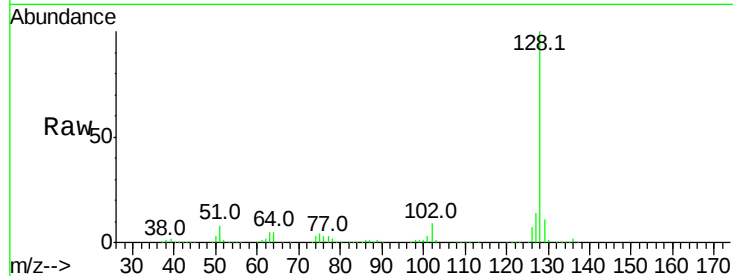




#33
4-Chloroaniline
Concen: 8.500 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

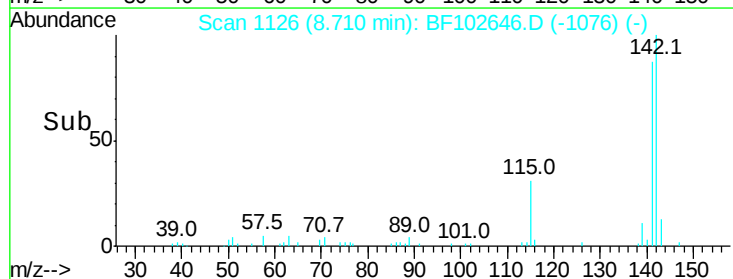
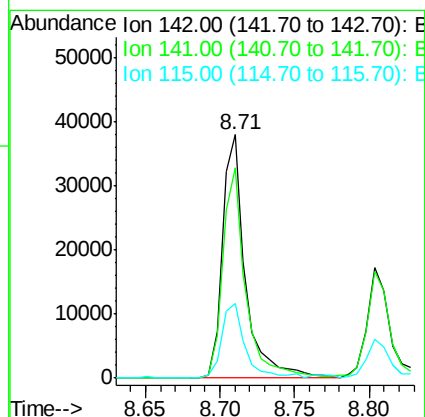
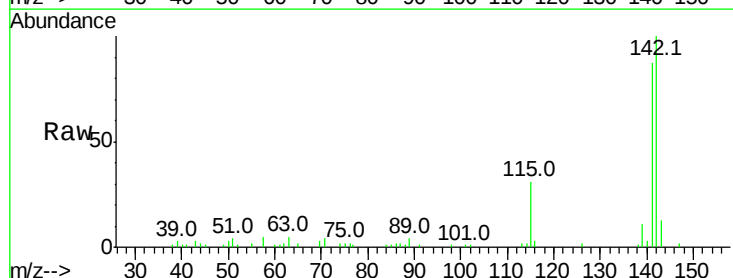
Instrument :
BNA_F
ClientSampleId :

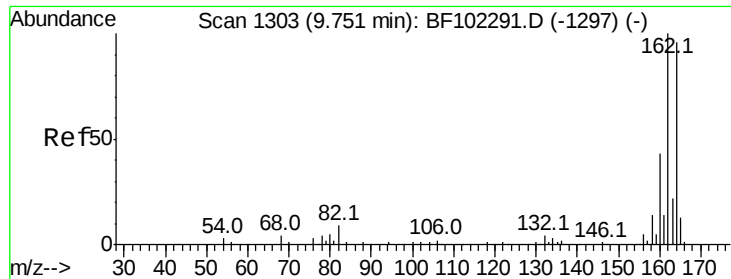
Tot Ion:	127	Resp:	108090
Ion	Ratio	Lower	Upper
127	100		
129	80.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 2.053 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Tgt Ion:	142	Resp:	41351
Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.8	106.2
115	30.7	26.1	39.1

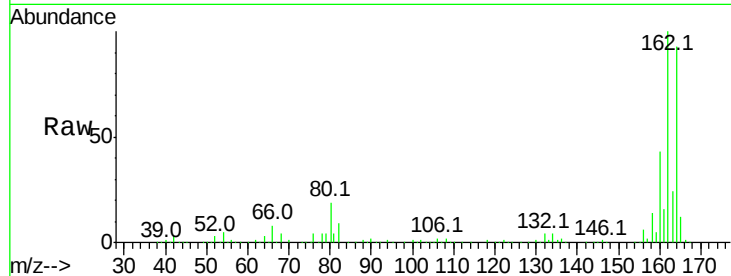




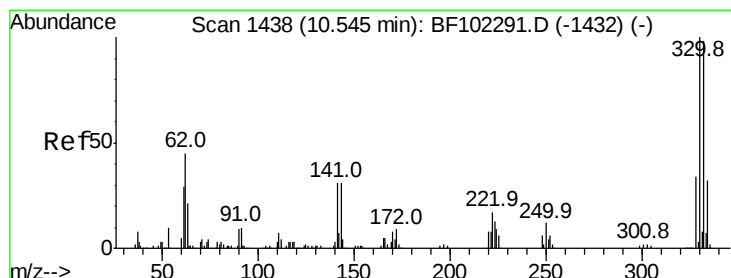
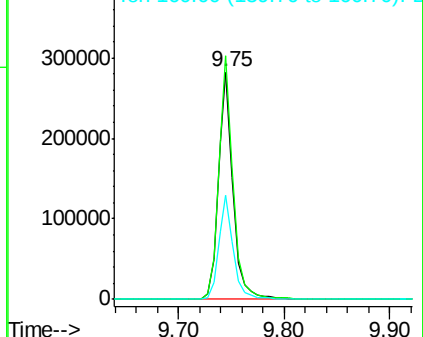
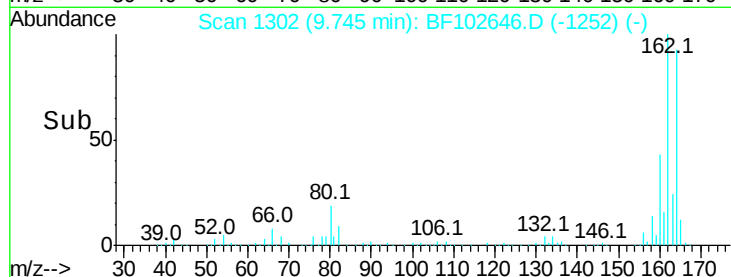
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102646.D
 Acq: 30 Jan 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 276753
 Ion Ratio Lower Upper
 164 100
 162 107.0 86.1 129.1
 160 45.7 38.3 57.5

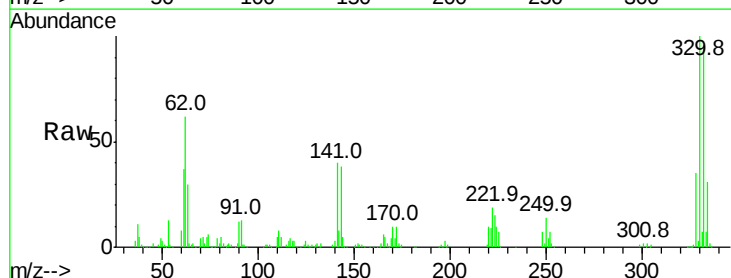


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

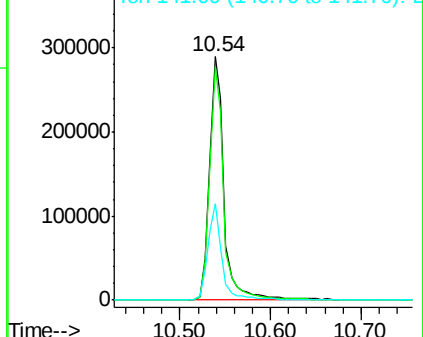
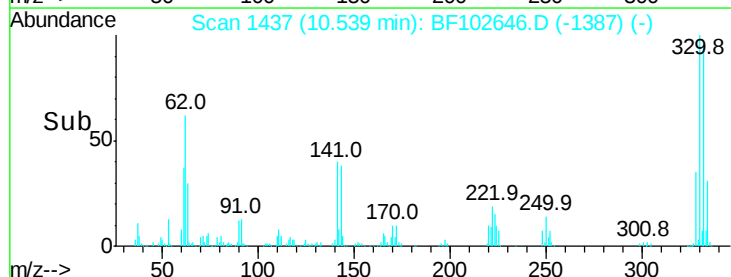


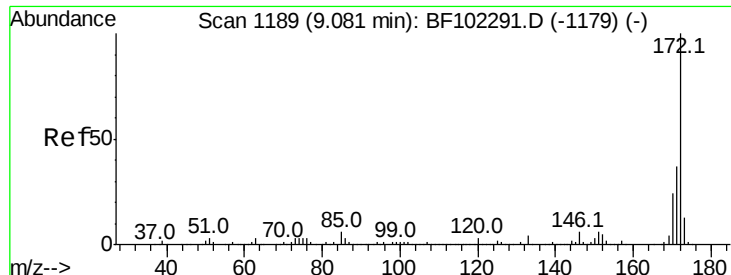
#41
 2,4,6-Tribromophenol
 Concen: 119.506 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102646.D
 Acq: 30 Jan 2018 18:20

Tgt Ion:330 Resp: 327711
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 38.5 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

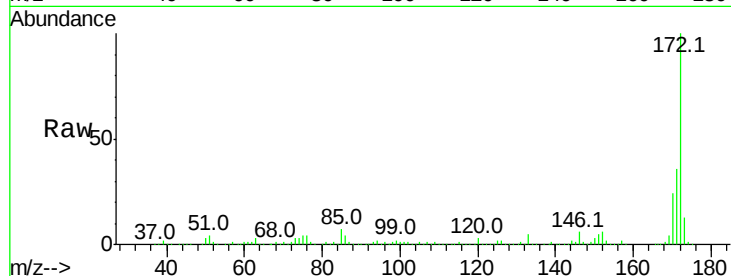




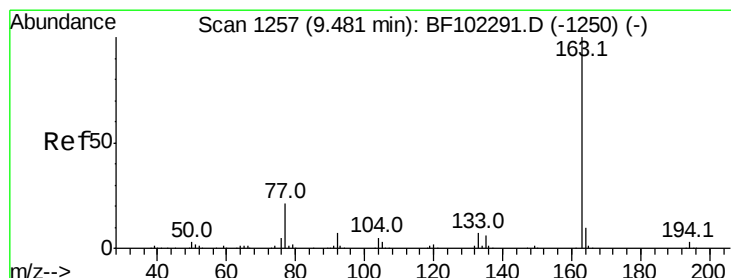
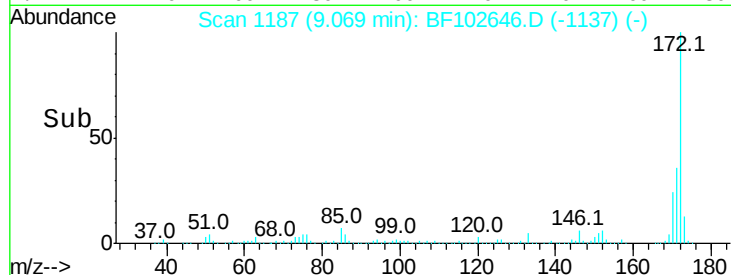
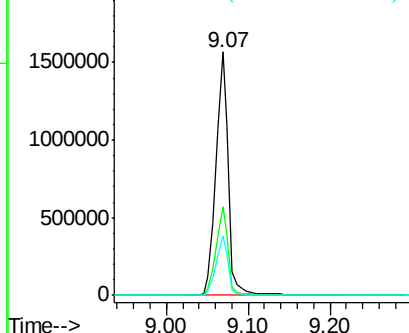
#44
2-Fluorobiphenyl
Concen: 88.904 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1673362
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

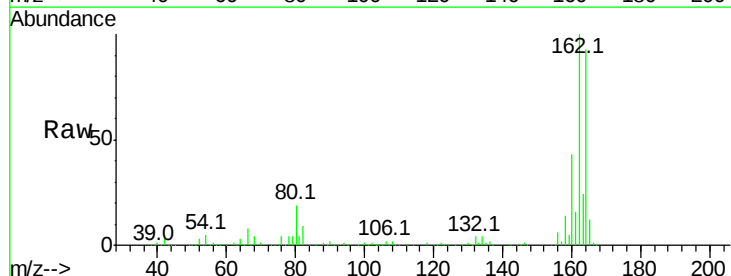


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

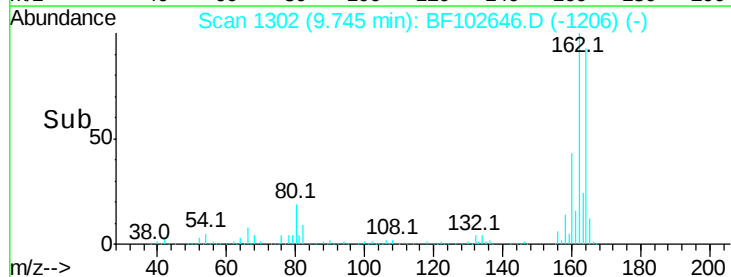
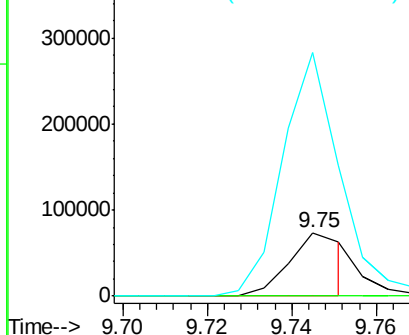


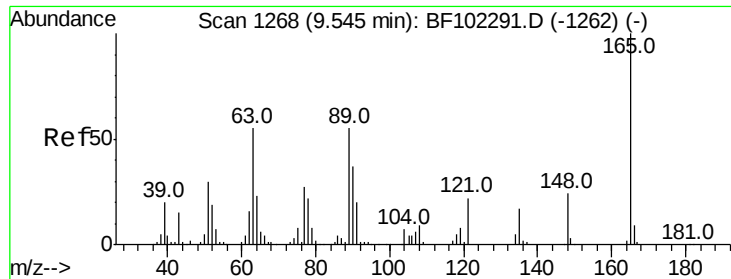
#49
Dimethylphthalate
Concen: 2.849 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.26 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Tgt Ion:163 Resp: 65176
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 385.8 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

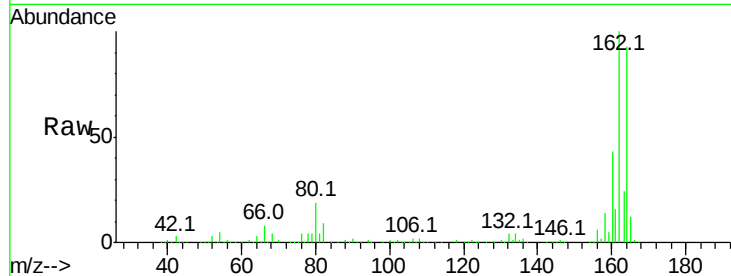




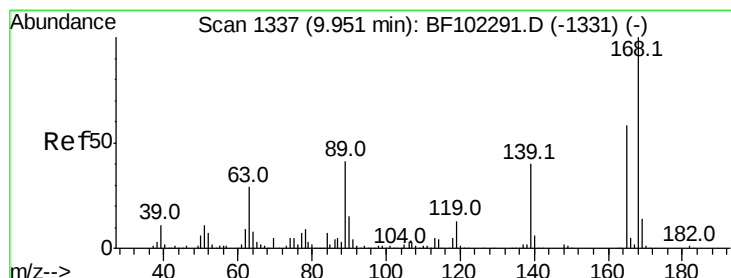
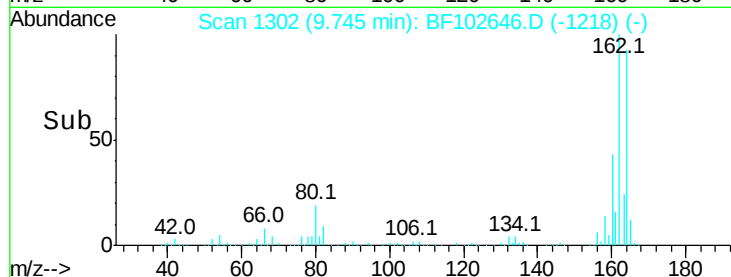
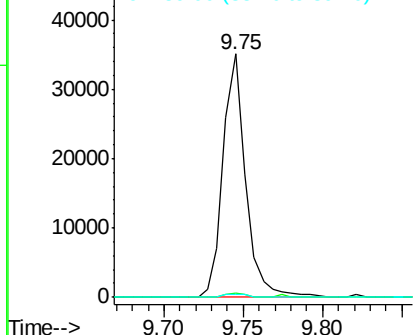
#50
2,6-Dinitrotoluene
Concen: 7.079 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 34914
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.2 44.0 66.0#



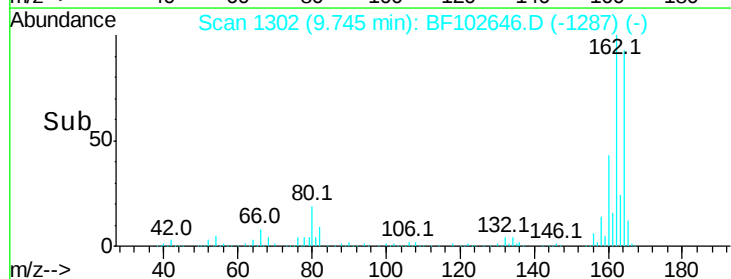
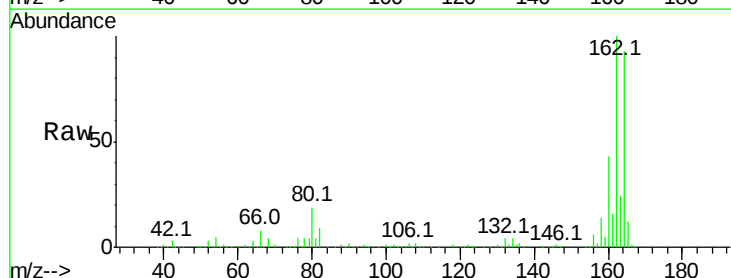
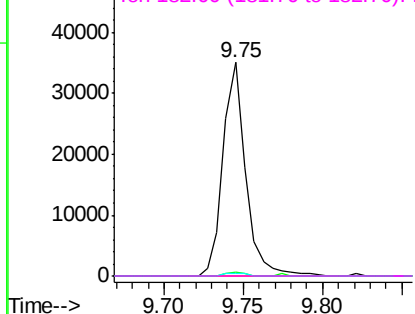
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

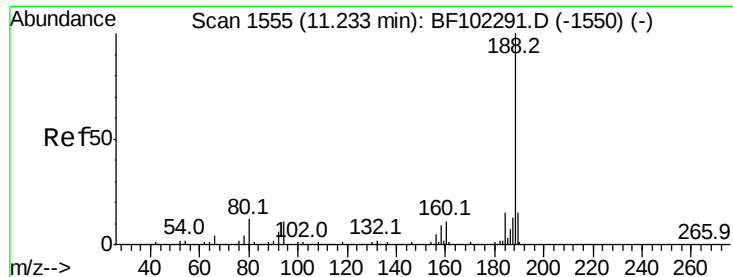


#56
2,4-Dinitrotoluene
Concen: 5.757 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Tgt Ion:165 Resp: 34914
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

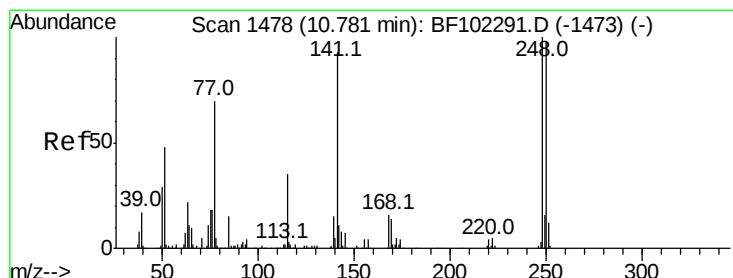
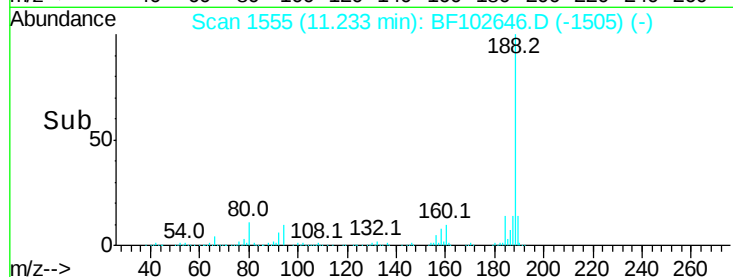
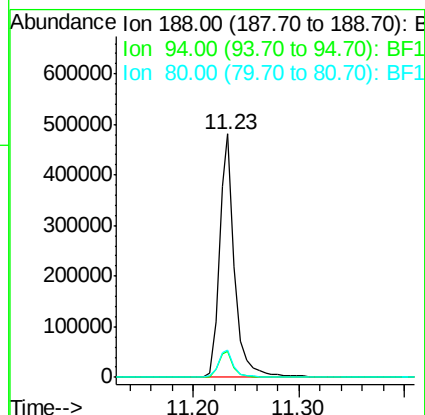
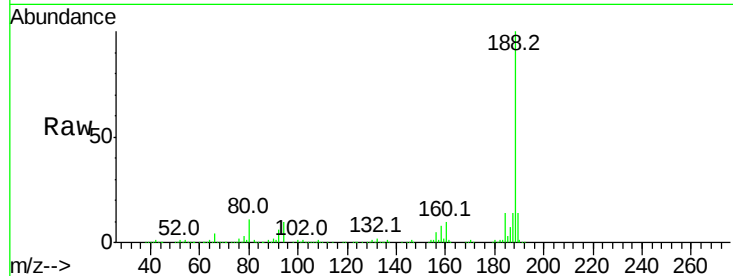




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

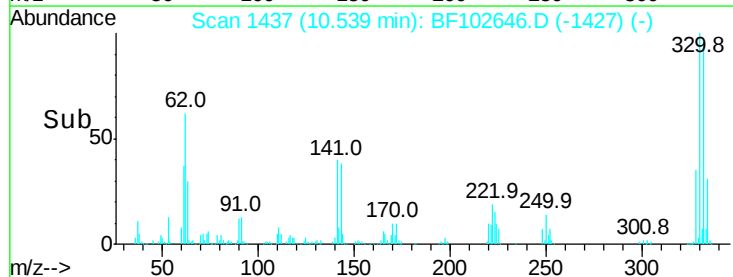
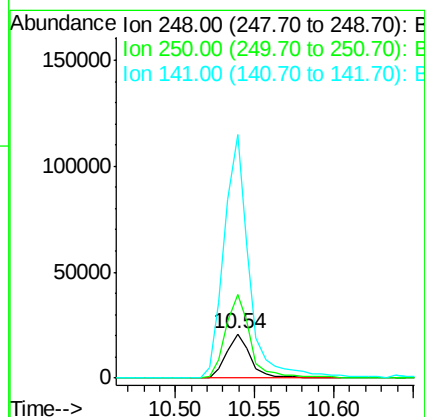
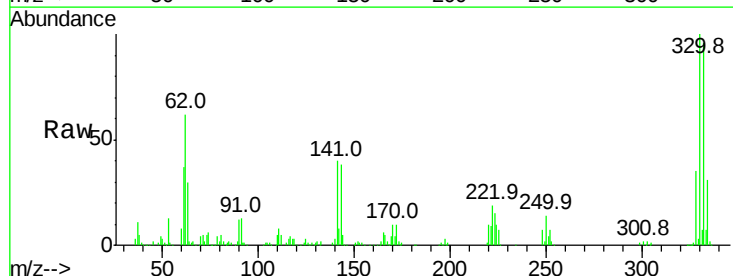
Instrument :
BNA_F
ClientSampleId :

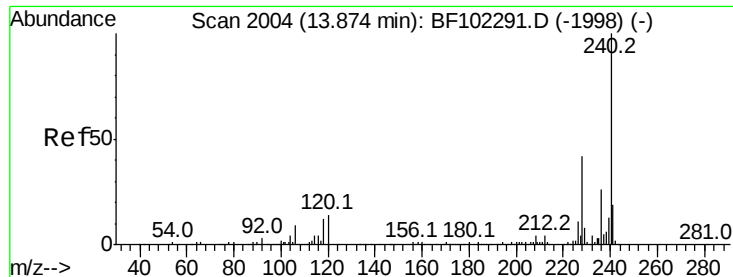
Tot Ion:188 Resp: 487042
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.162 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102646.D
Acq: 30 Jan 2018 18:20

Tgt Ion:248 Resp: 21821
Ion Ratio Lower Upper
248 100
250 189.4 76.9 115.3#
141 552.0 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: BF102646.D

Acq: 30 Jan 2018 18:20

Instrument :

BNA_F

ClientSampleId :

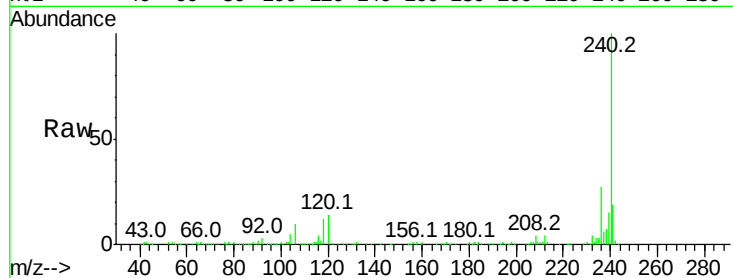
Tot Ion:240 Resp: 366469

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

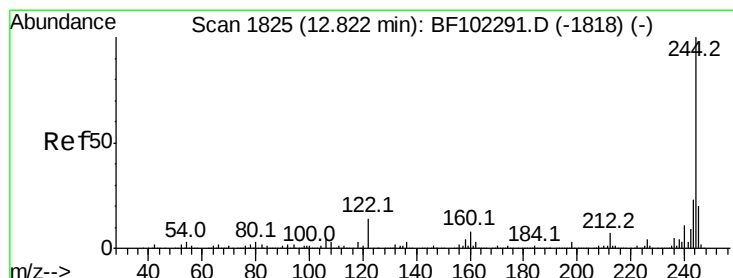
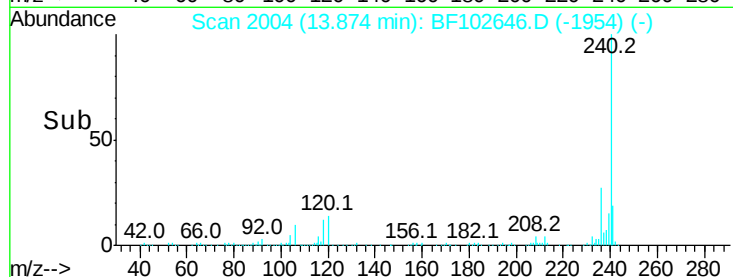
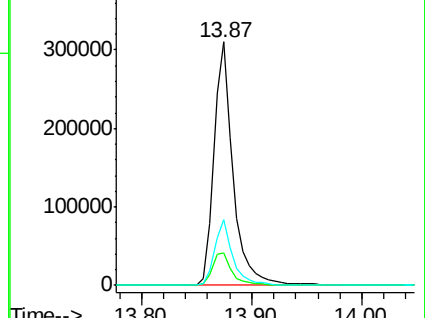
236 26.9 20.7 31.1



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: 96.624 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102646.D

Acq: 30 Jan 2018 18:20

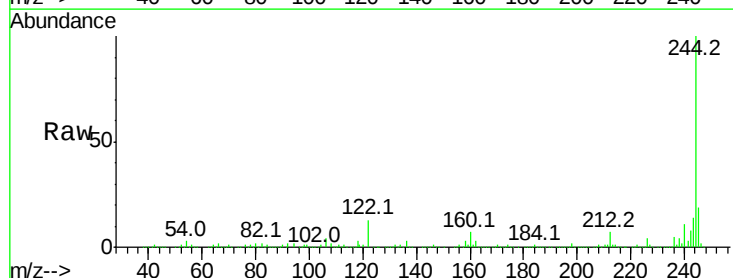
Tgt Ion:244 Resp: 1570724

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

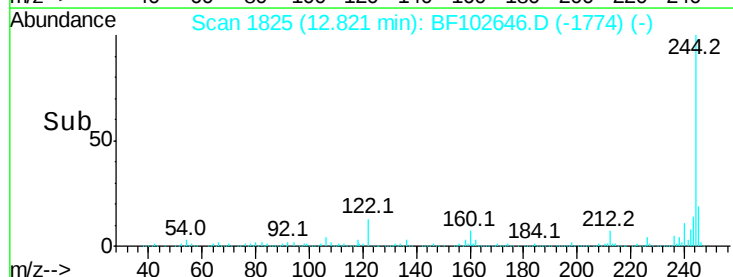
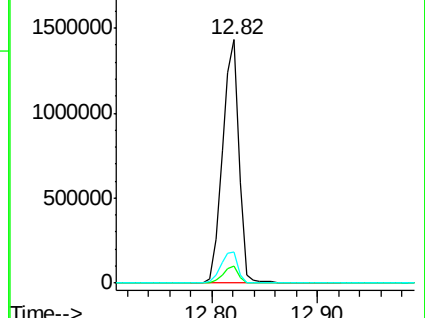
122 12.8 11.0 16.4

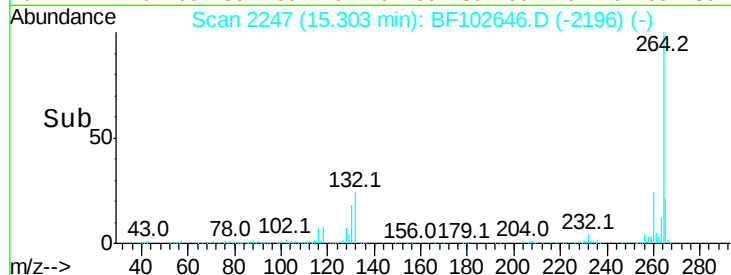
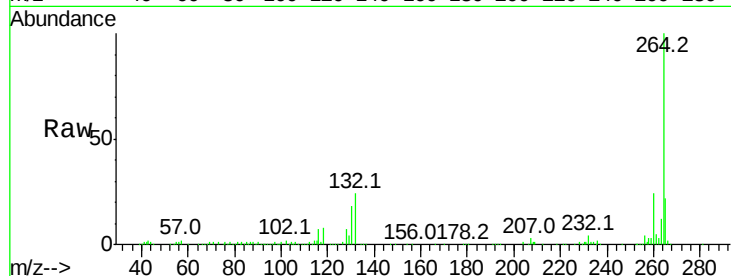
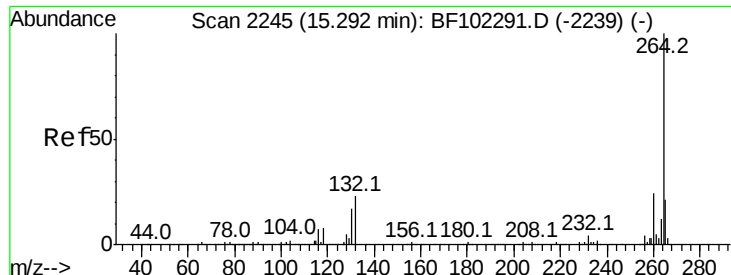


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102646.D
 Acq: 30 Jan 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	262857
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

