

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102644.D
 Acq On : 30 Jan 2018 17:26
 Operator : SJ/JU
 Sample : J1019-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

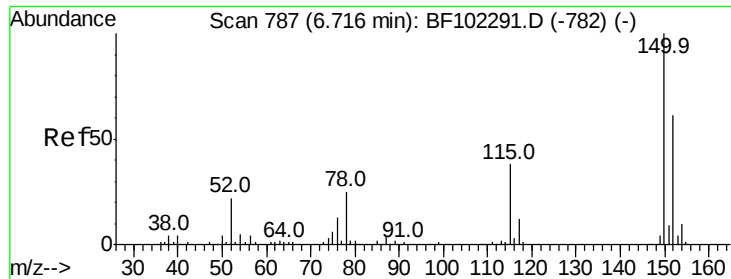
Quant Time: Jan 30 22:18:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	652851	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	297692	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	527078	20.00	ng	0.00
75) Chrysene-d12	13.87	240	424496	20.00	ng	0.00
86) Perylene-d12	15.30	264	308801	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1029214	100.34	ng	0.02
7) Phenol-d6	6.36	99	1144708	92.57	ng	0.00
23) Nitrobenzene-d5	7.28	82	861079	75.80	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	296825	100.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1502681	74.22	ng	0.00
78) Terphenyl-d14	12.82	244	1448407	76.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	22120	2.589	ng	85
19) n-Nitroso-di-n-propylamine	7.28	70	110589	14.613	ng	# 82
25) Isophorone	7.28	82	861073	42.516	ng	# 64
49) Dimethylphthalate	9.75	163	73972	3.006	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	37916	7.147	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	37916	5.812	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	19913	3.510	ng	# 1

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

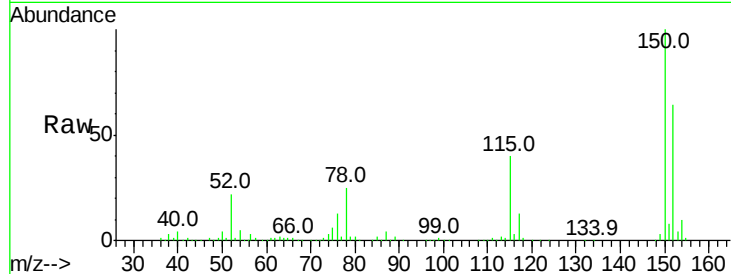


#1

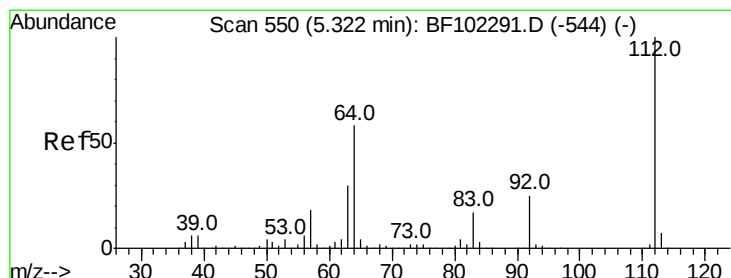
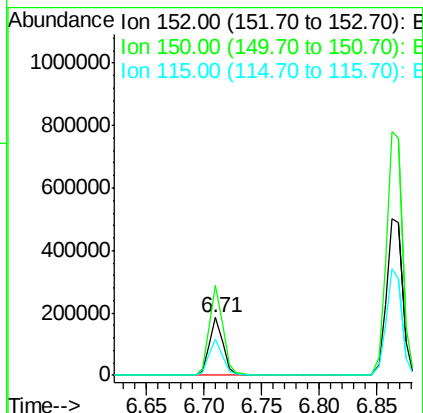
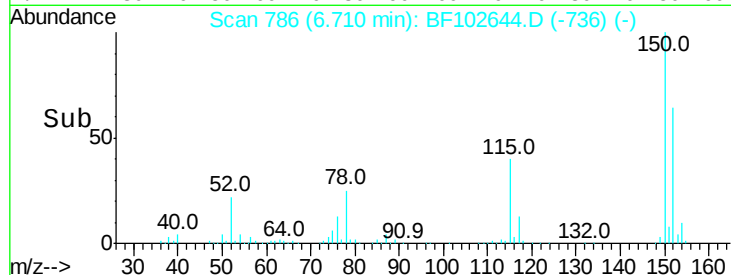
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 155531
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 62.7 50.1 75.1



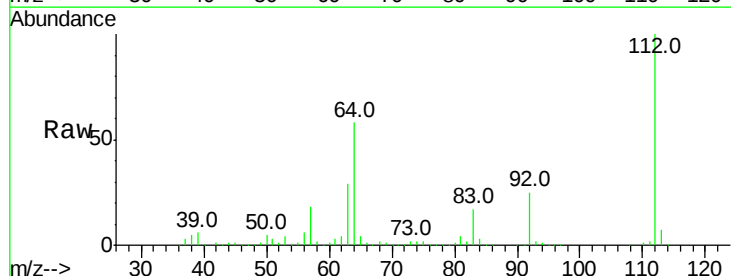
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



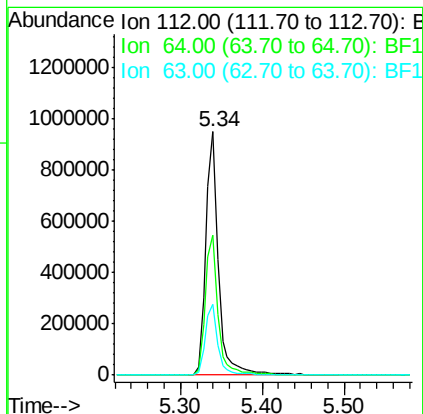
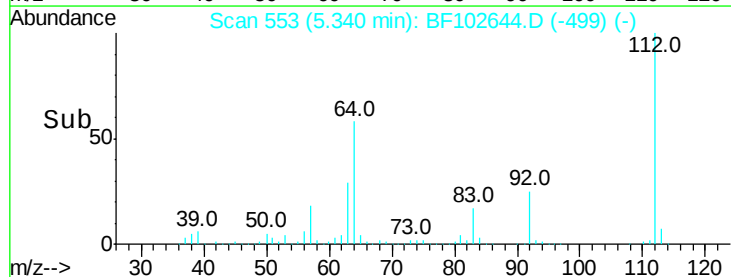
#5

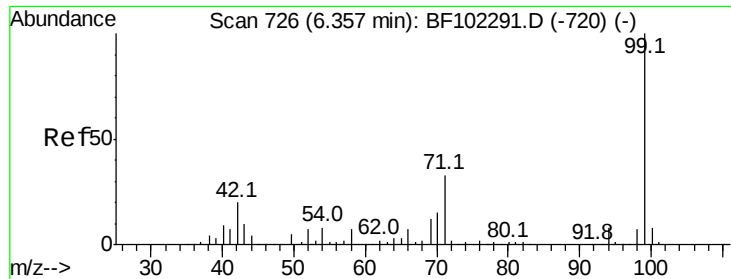
2-Fluorophenol
 Concen: 100.337 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Tgt Ion:112 Resp: 1029214
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 29.3 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: 92.566 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

Instrument :

BNA_F

ClientSampleId :

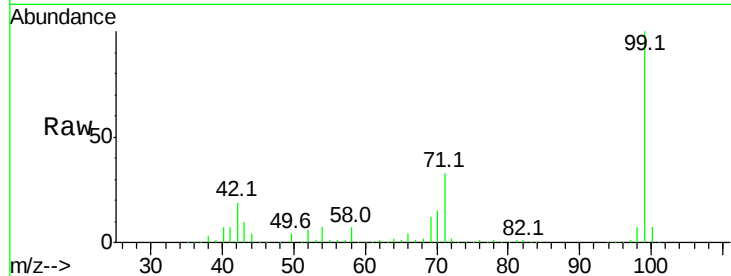
Tot Ion: 99 Resp: 1144708

Ion Ratio Lower Upper

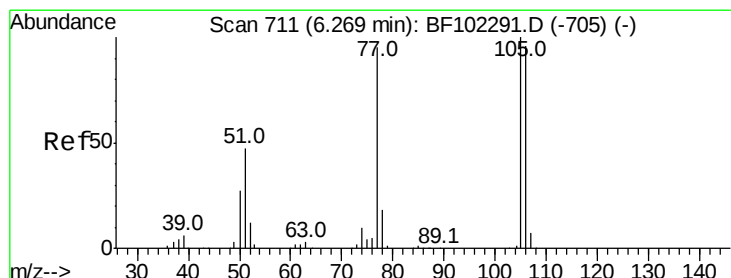
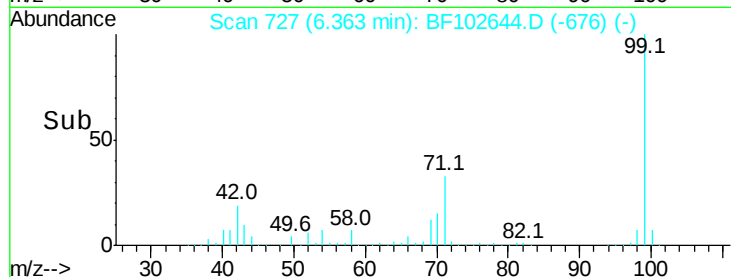
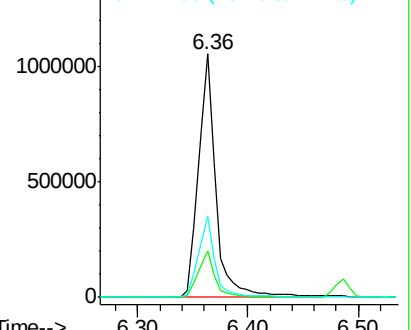
99 100

42 19.0 14.5 21.7

71 33.2 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: 2.589 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

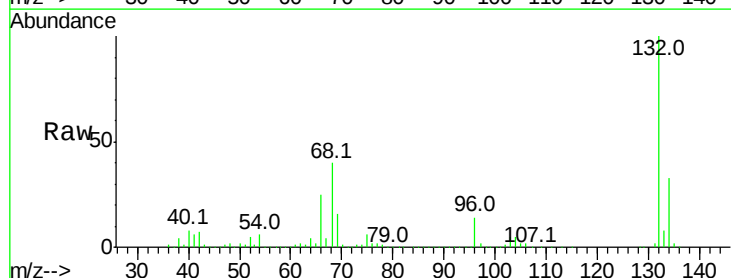
Tgt Ion: 77 Resp: 22120

Ion Ratio Lower Upper

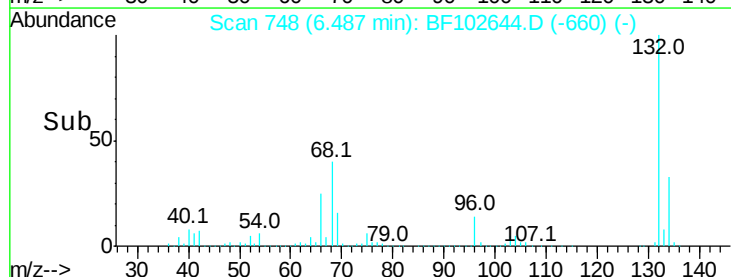
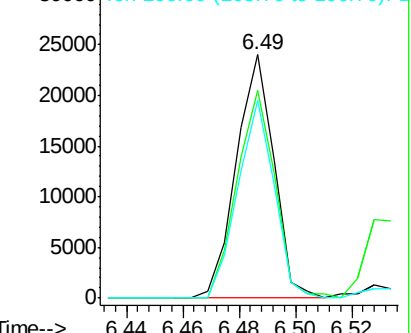
77 100

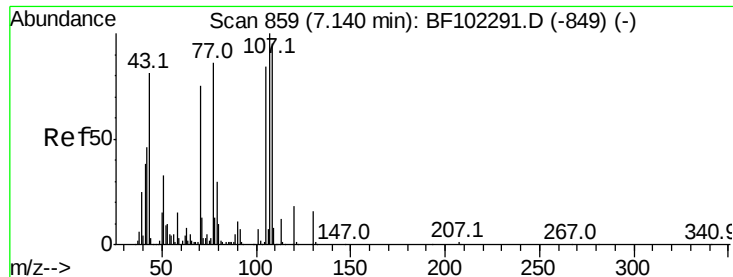
105 85.5 81.1 121.1

106 80.9 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

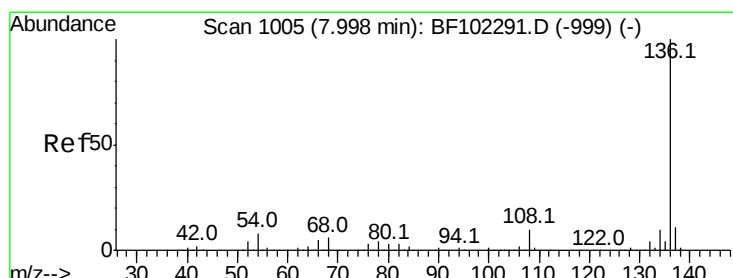
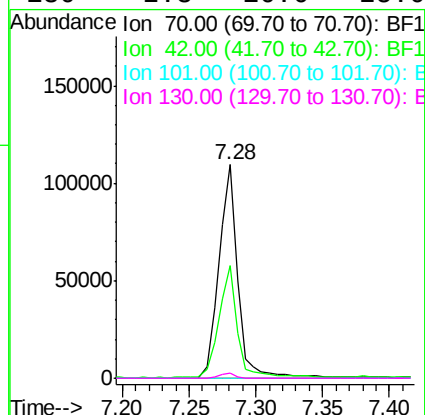
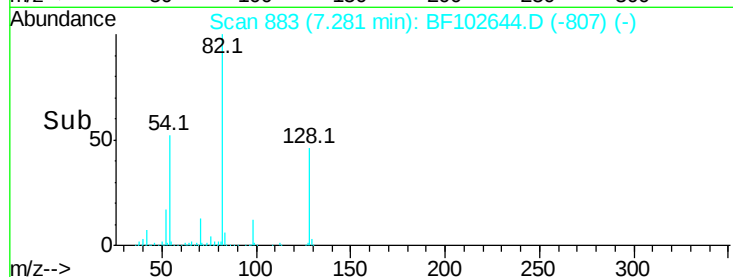
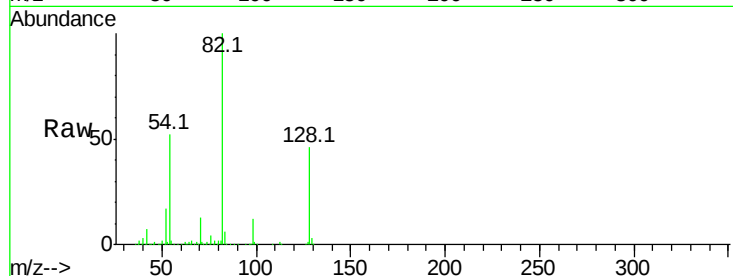




#19
n-Nitroso-di-n-propylamine
Concen: 14.613 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

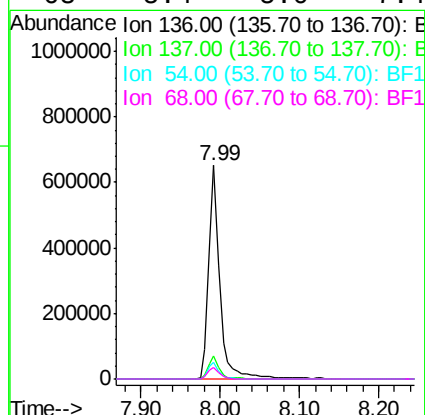
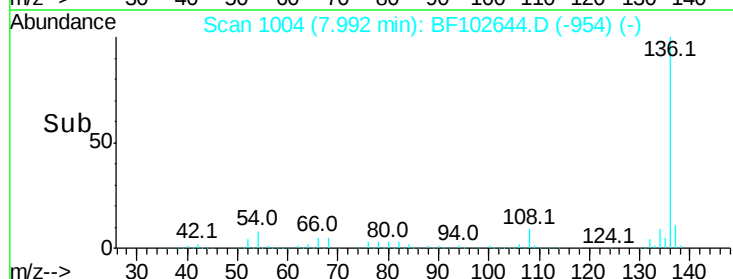
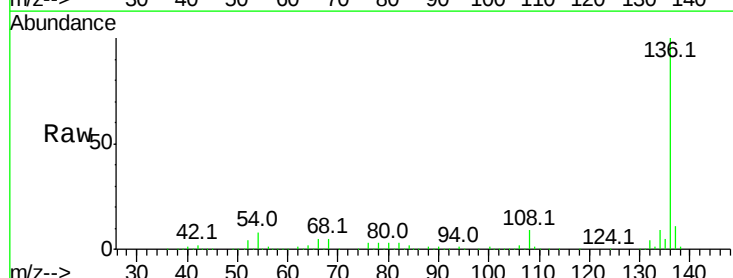
Instrument :
BNA_F
ClientSampleId :

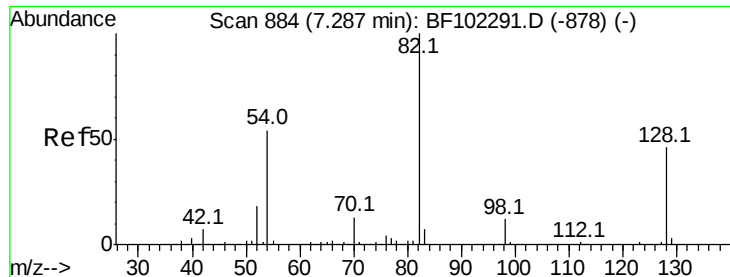
Tot Ion: 70 Resp: 110589
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:136 Resp: 652851
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 6.6 9.8
68 5.4 5.0 7.4

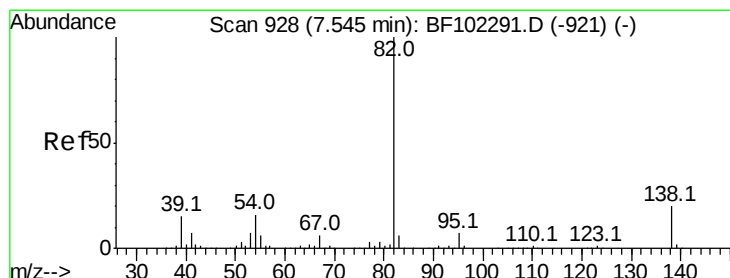
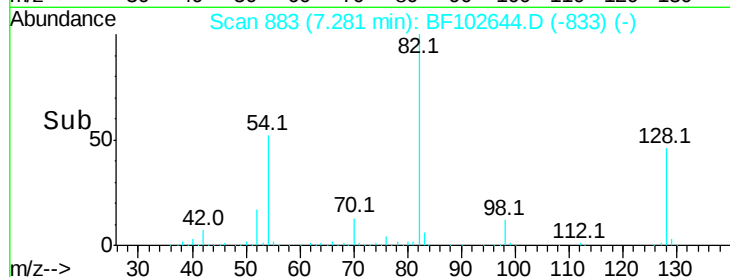
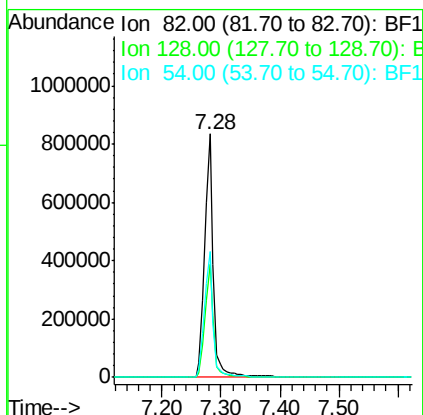
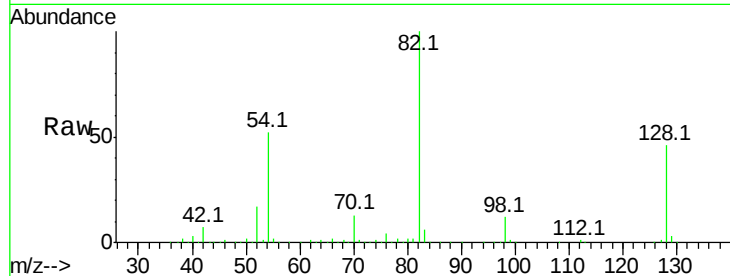




#23
 Nitrobenzene-d5
 Concen: 75.796 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

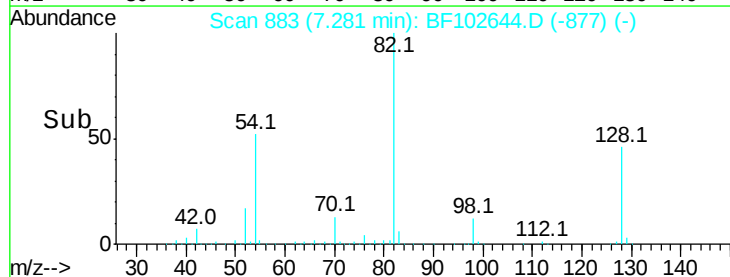
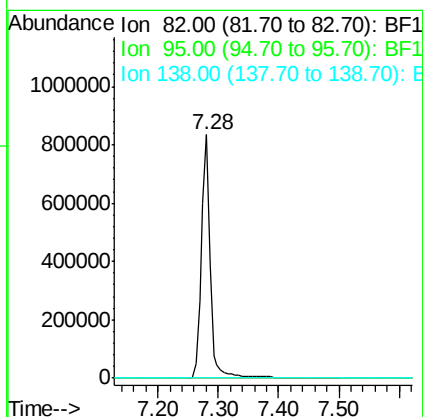
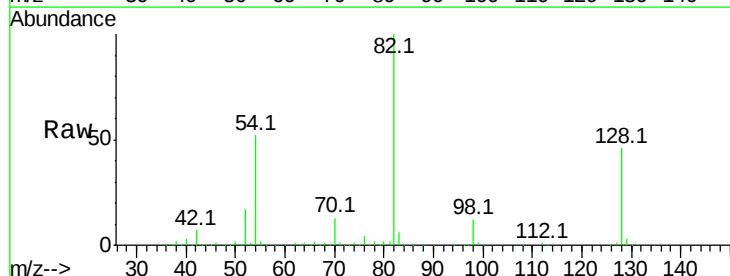
Instrument :
 BNA_F
 ClientSampleId :

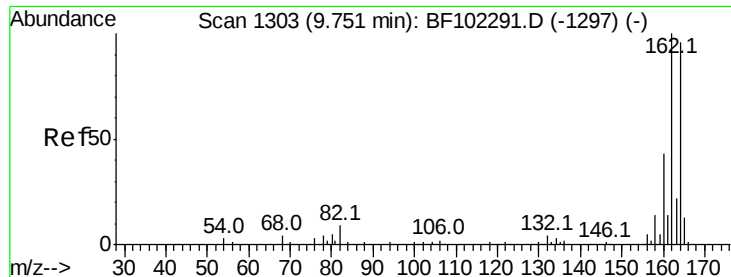
Tot Ion: 82 Resp: 861079
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 51.7 41.4 62.2



#25
 Isophorone
 Concen: 42.516 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102644.D
 Acq: 30 Jan 2018 17:26

Tgt Ion: 82 Resp: 861073
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

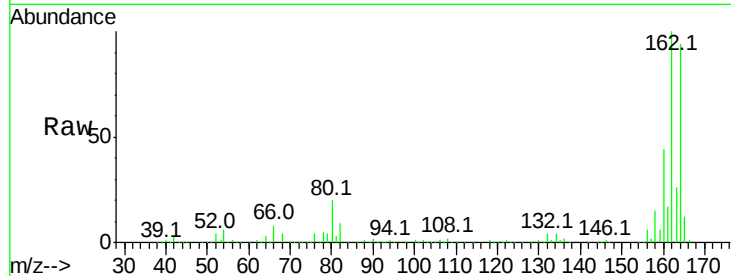




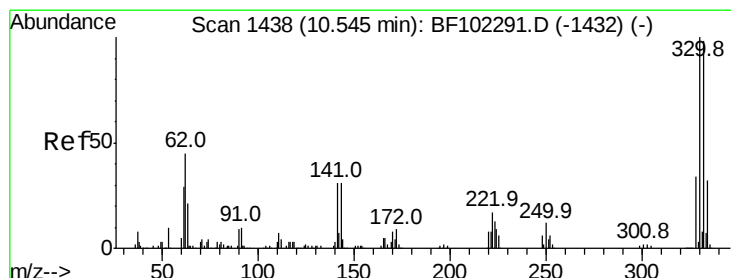
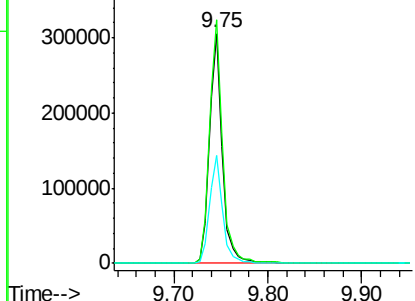
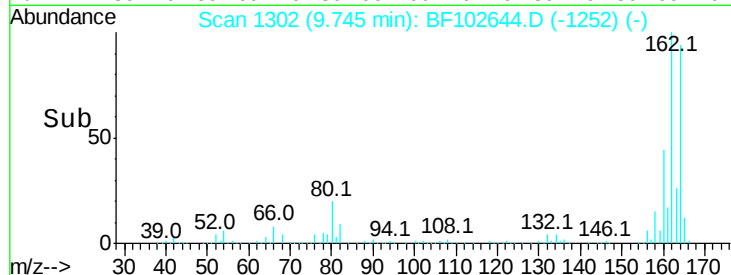
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 297692
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 47.1 38.3 57.5

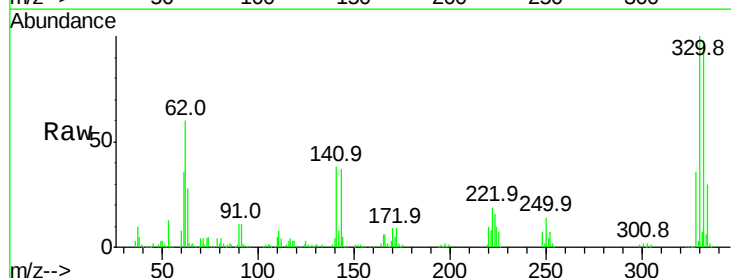


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

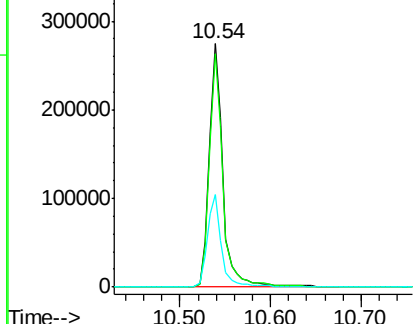
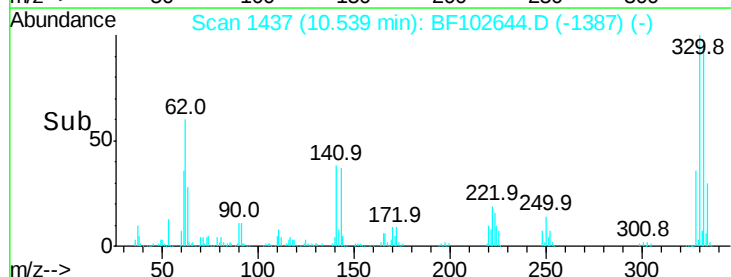


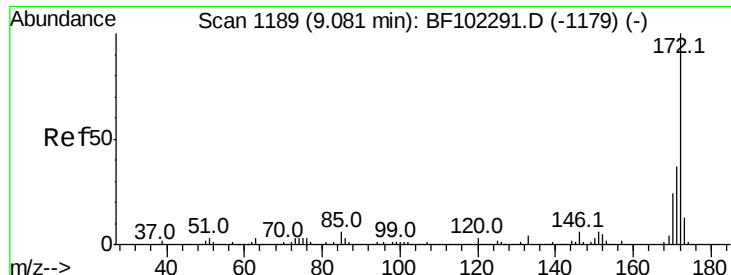
#41
2,4,6-Tribromophenol
Concen: 100.629 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:330 Resp: 296825
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 39.1 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

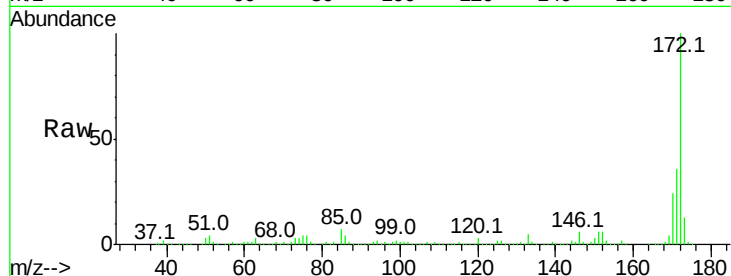




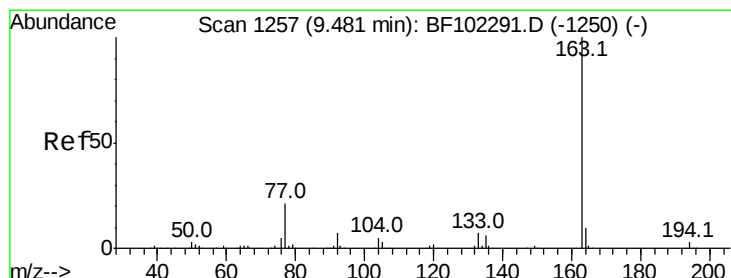
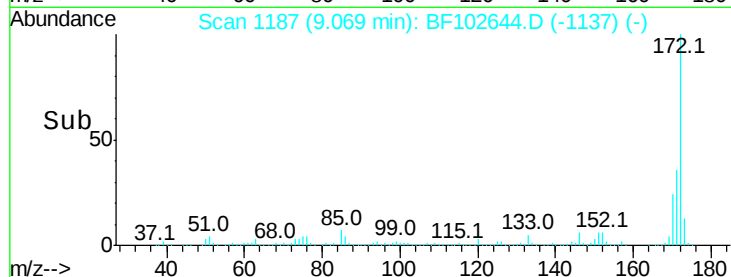
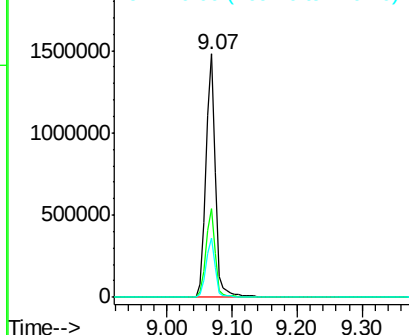
#44
2-Fluorobiphenyl
Concen: 74.220 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1502681
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

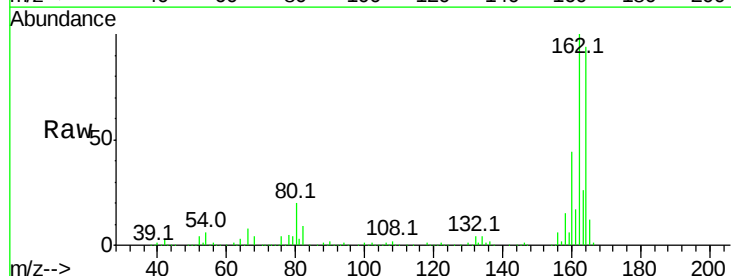


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

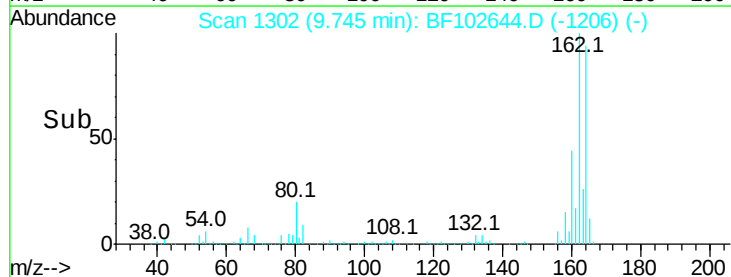
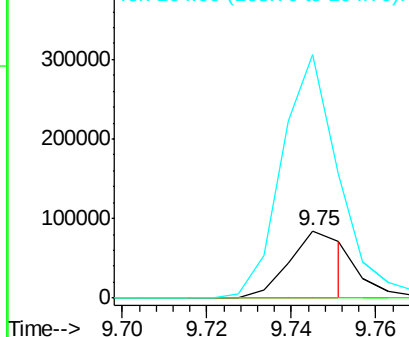


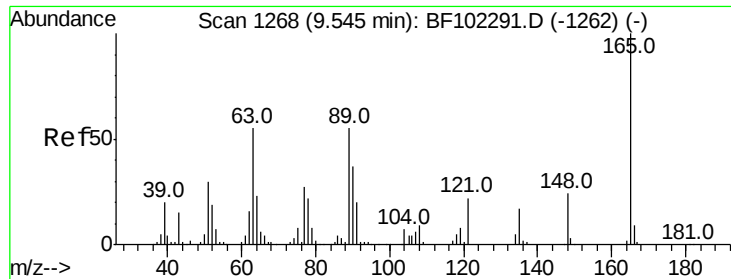
#49
Dimethylphthalate
Concen: 3.006 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.26 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:163 Resp: 73972
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 362.1 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: 7.147 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

Instrument :

BNA_F

ClientSampleId :

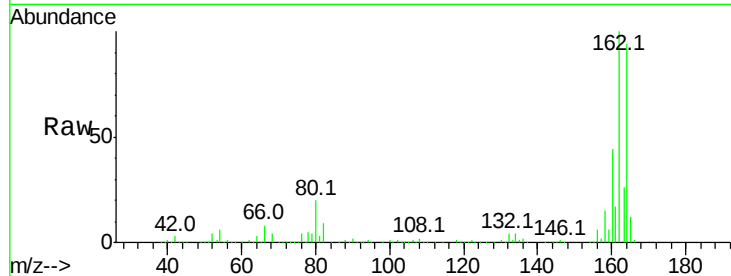
Tot Ion:165 Resp: 37916

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

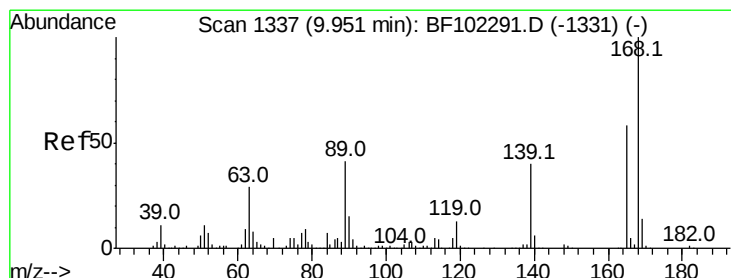
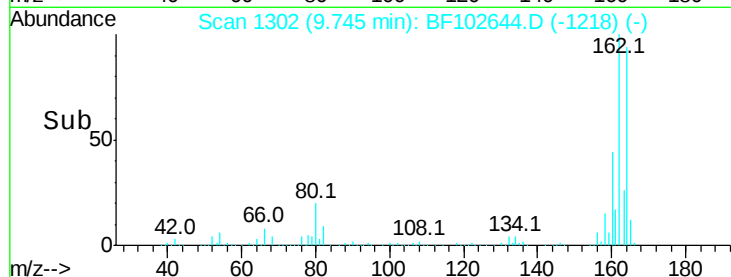
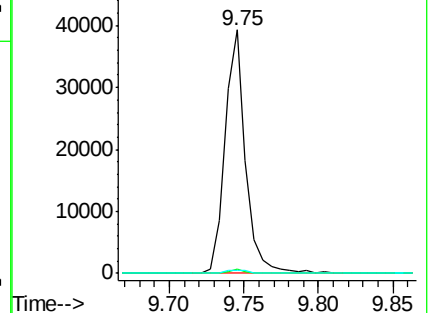
89 1.4 44.0 66.0#



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: 5.812 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

Tgt Ion:165 Resp: 37916

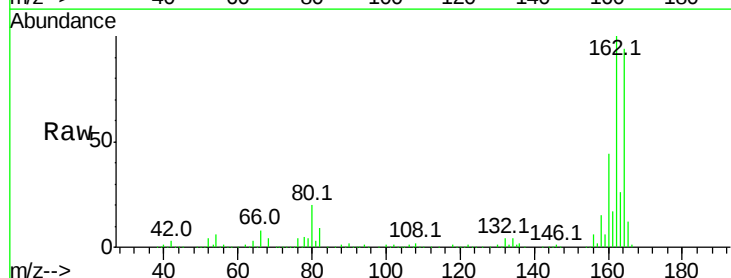
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

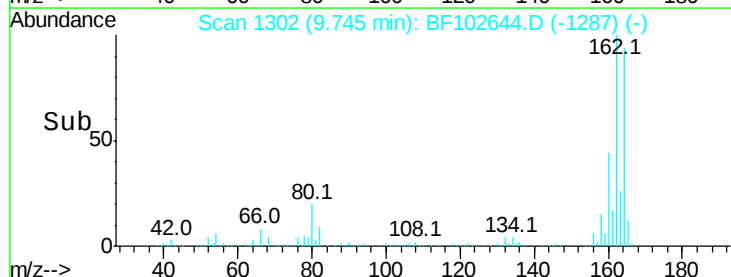
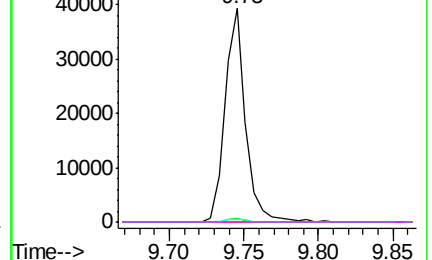


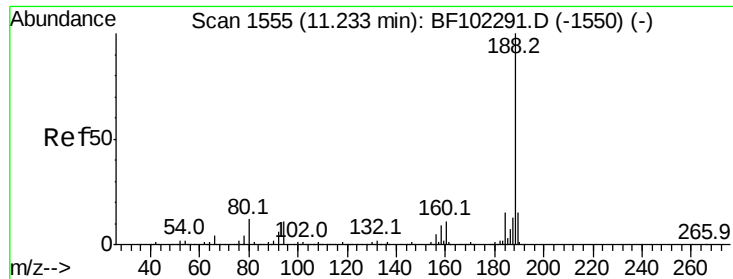
Abundance Ion 165.00 (164.70 to 165.70): E

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

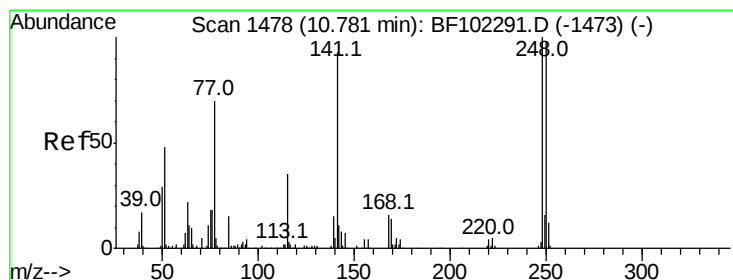
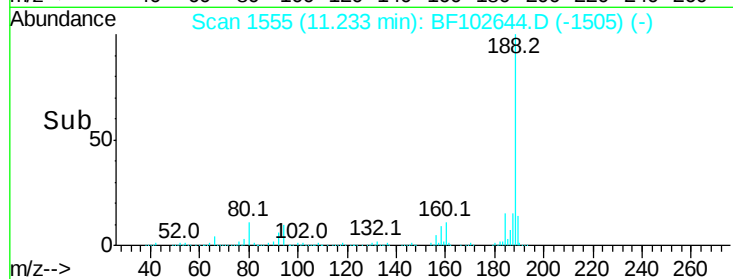
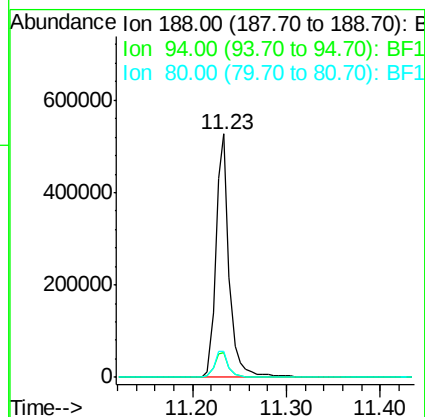
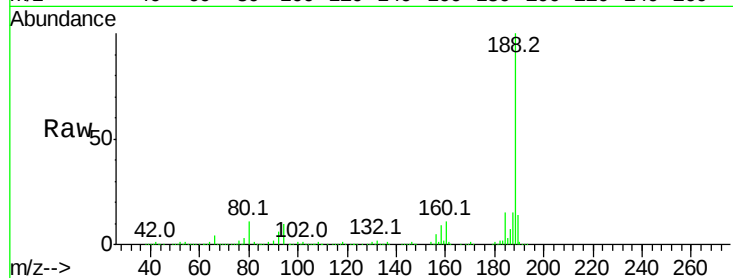




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

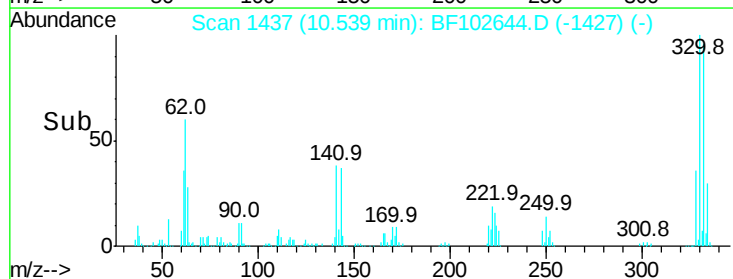
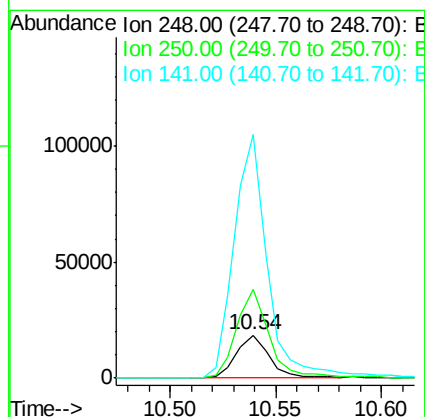
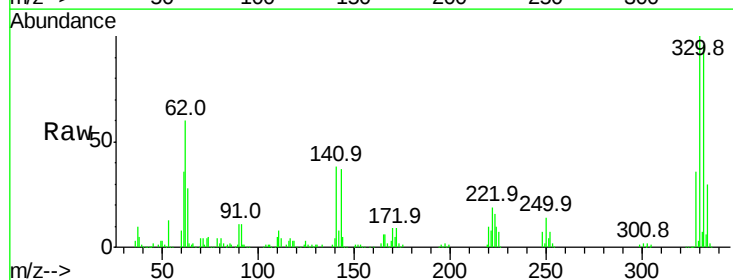
Instrument :
BNA_F
ClientSampleId :

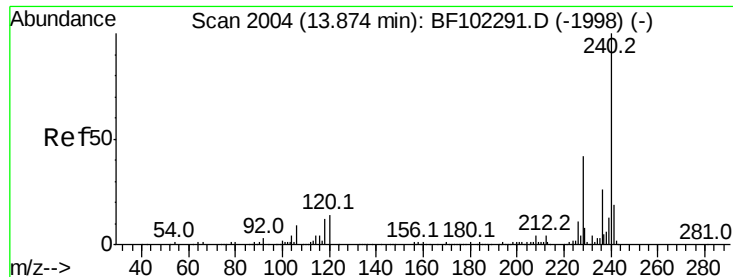
Tot Ion:188 Resp: 527078
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.510 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Tgt Ion:248 Resp: 19913
Ion Ratio Lower Upper
248 100
250 207.3 76.9 115.3#
141 568.2 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: BF102644.D

Acq: 30 Jan 2018 17:26

Instrument :

BNA_F

ClientSampled :

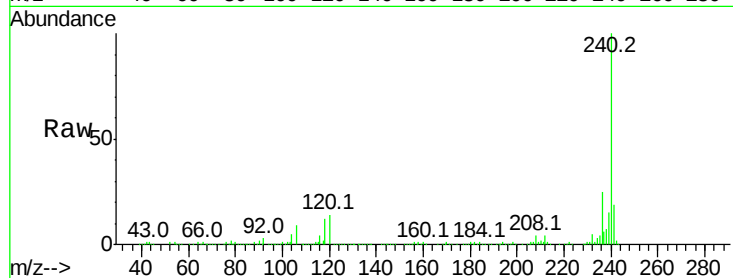
Tot Ion:240 Resp: 424496

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

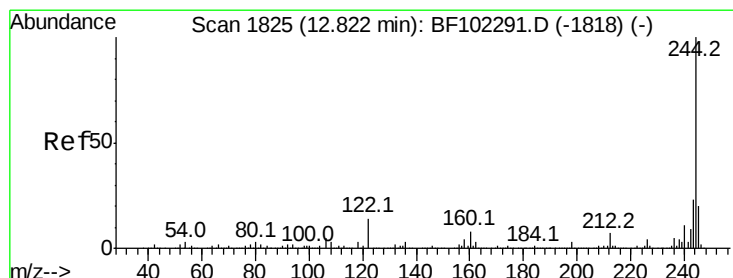
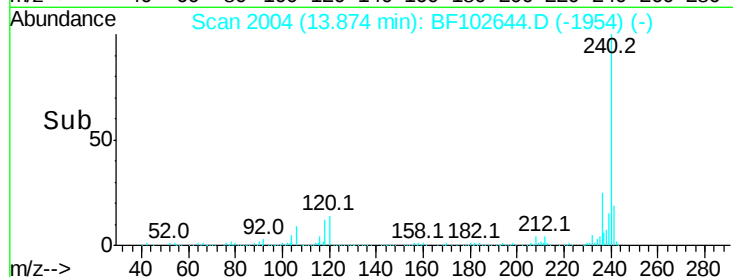
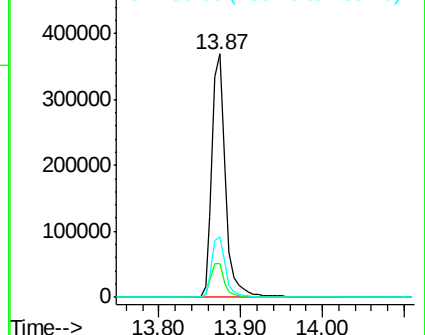
236 24.8 20.7 31.1



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: 76.920 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102644.D

Acq: 30 Jan 2018 17:26

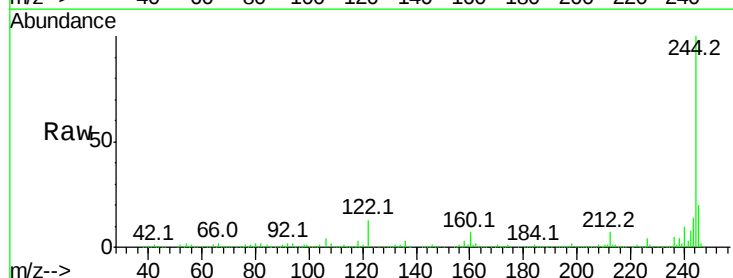
Tgt Ion:244 Resp: 1448407

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

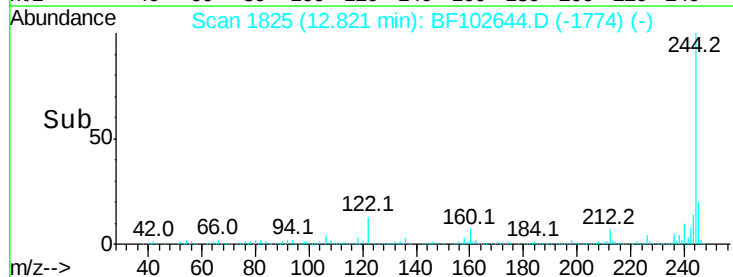
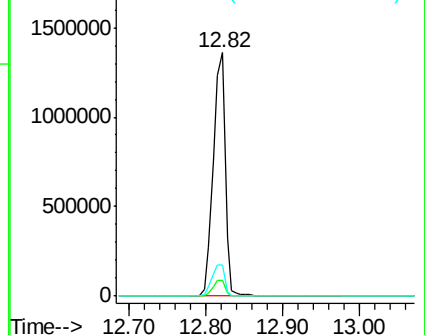
122 12.7 11.0 16.4

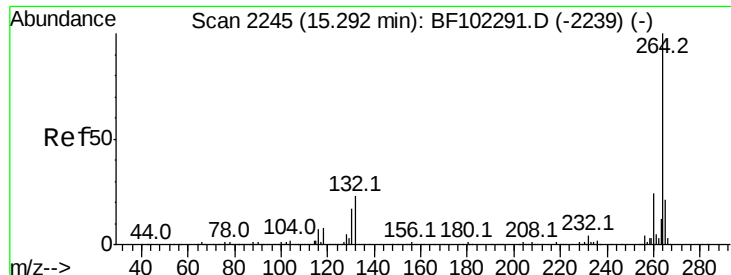


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

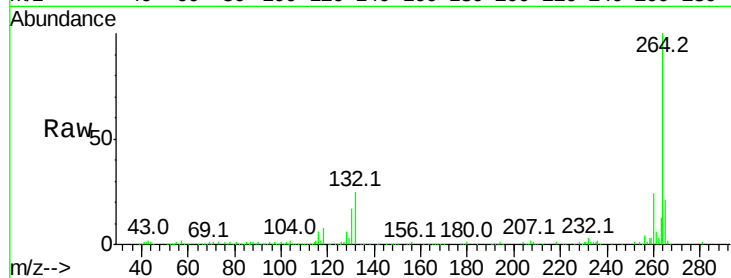




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102644.D
Acq: 30 Jan 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

