

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096412.D
 Acq On : 2 Jul 2017 13:25
 Operator : SJ/MA
 Sample : I3950-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

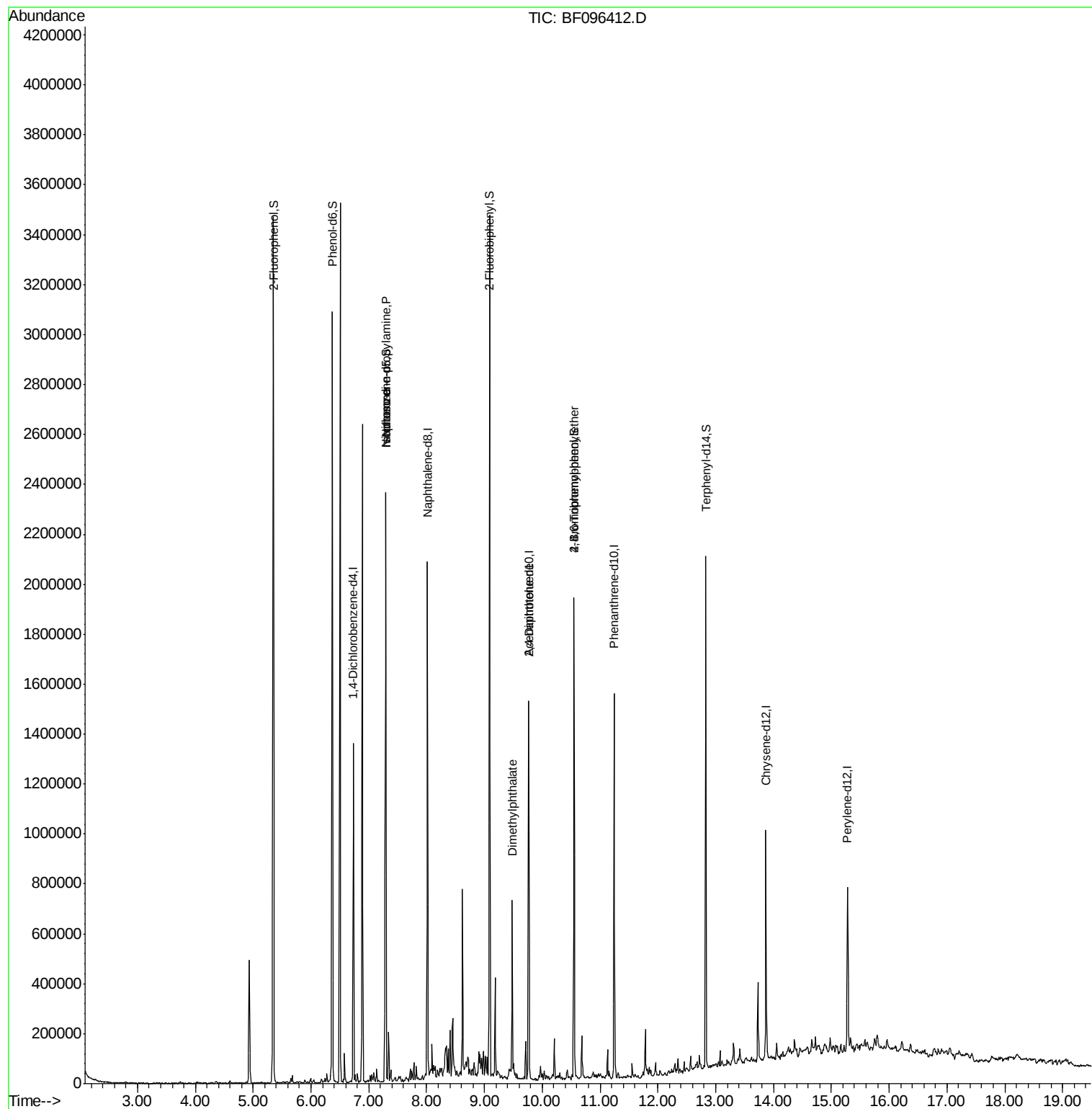
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183067	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	760231	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	316251	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	499439	20.00	ng	0.00
75) Chrysene-d12	13.87	240	307483	20.00	ng	-0.01
86) Perylene-d12	15.28	264	274292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1002219	80.80	ng	0.00
7) Phenol-d6	6.37	99	1278639	83.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	742878	58.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	204959	82.97	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1041637	56.31	ng	0.00
78) Terphenyl-d14	12.83	244	604488	42.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98734	10.87	ng	# 88
25) Isophorone	7.29	82	734552	29.95	ng	# 67
49) Dimethylphthalate	9.48	163	263295	11.15	ng	98
56) 2,4-Dinitrotoluene	9.76	165	41489	6.28	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	13420	2.76	ng	# 1

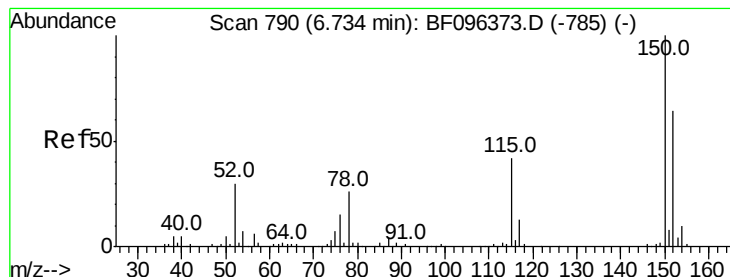
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
Data File : BF096412.D
Acq On : 2 Jul 2017 13:25
Operator : SJ/MA
Sample : I3950-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 03 04:30:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

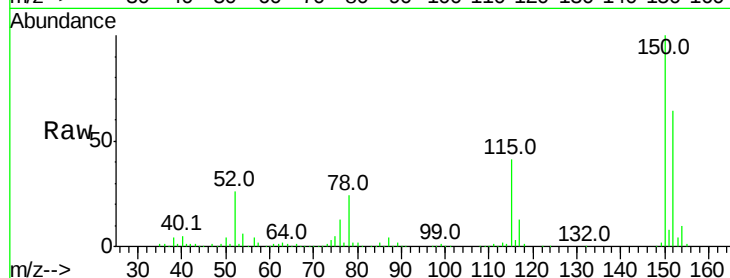
Tot Ion:152 Resp: 183067

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

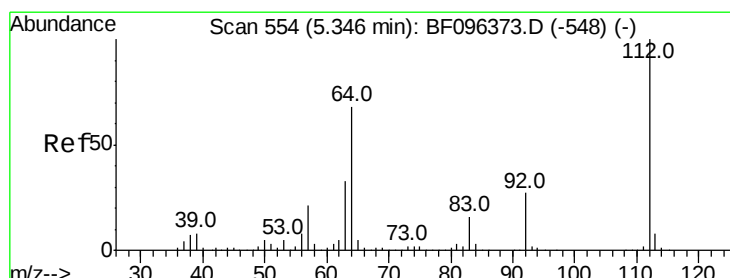
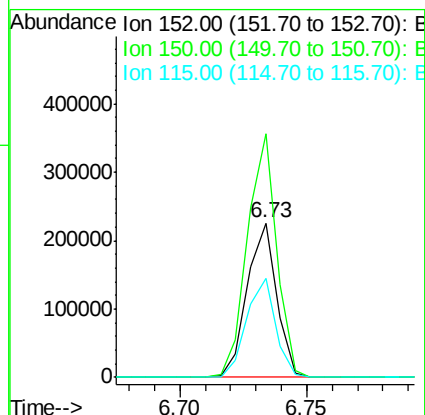
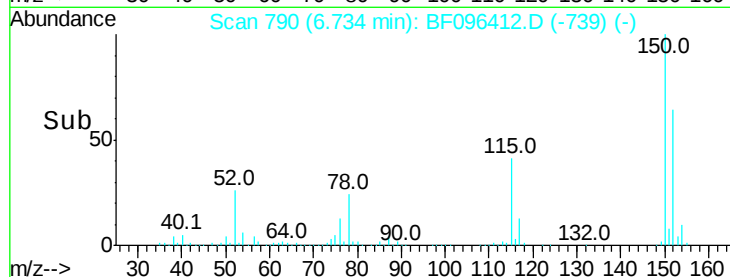
115 64.0 52.2 78.2



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: 80.80 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

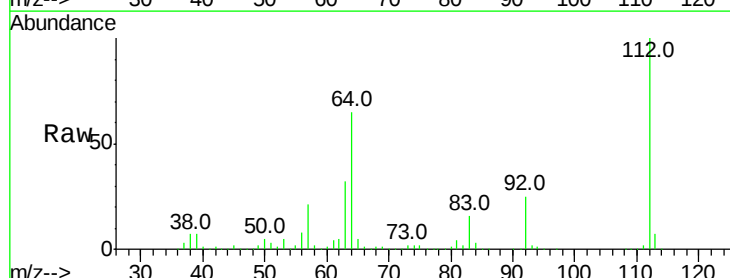
Tgt Ion:112 Resp: 1002219

Ion Ratio Lower Upper

112 100

64 64.7 46.0 69.0

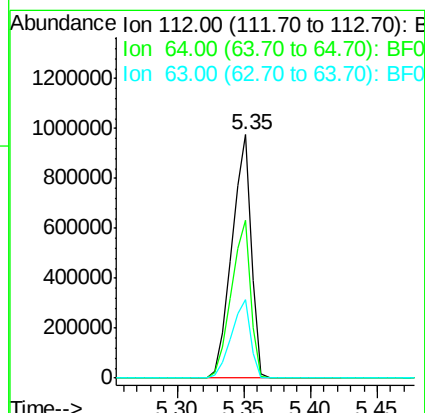
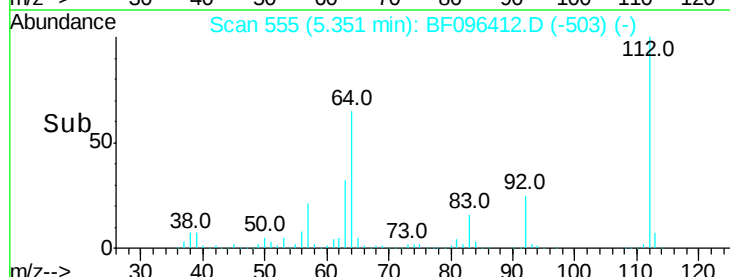
63 32.2 23.4 35.0

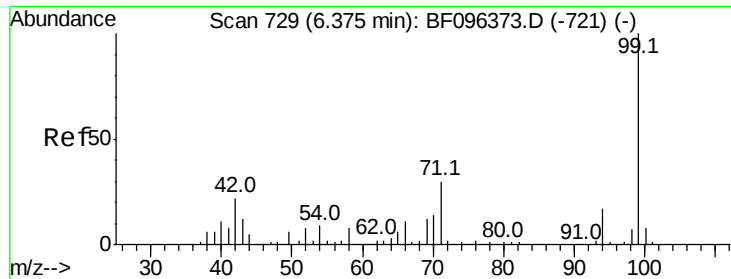


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.86 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

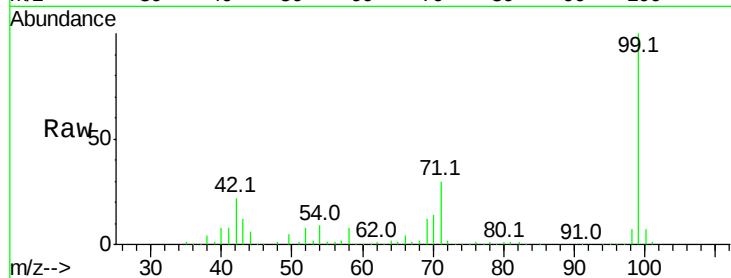
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1278639

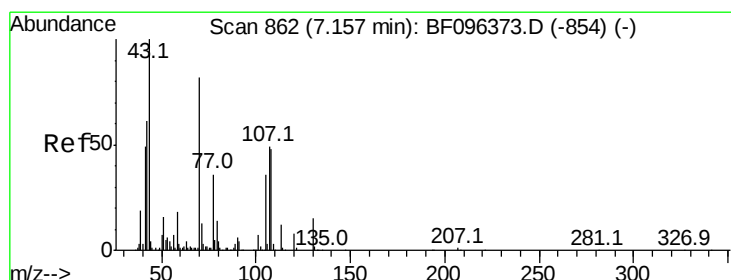
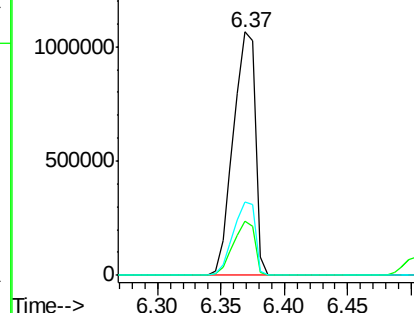
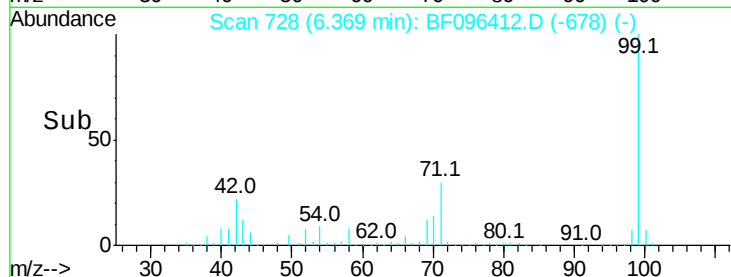
Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	30.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.87 ng

RT: 7.29 min Scan# 885

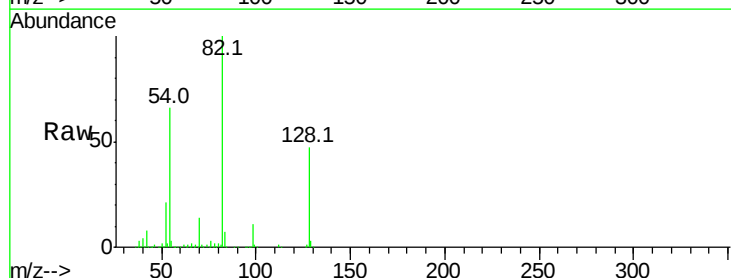
Delta R.T. 0.14 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Tgt Ion: 70 Resp: 98734

Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

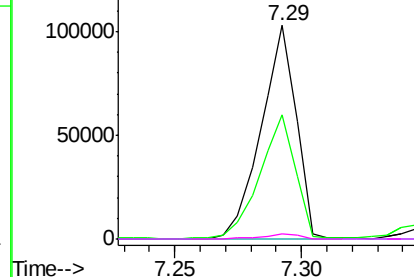
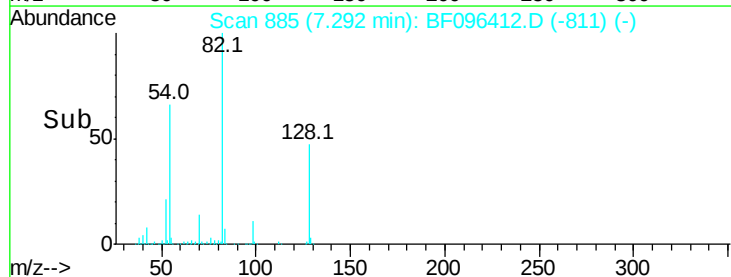


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 760231

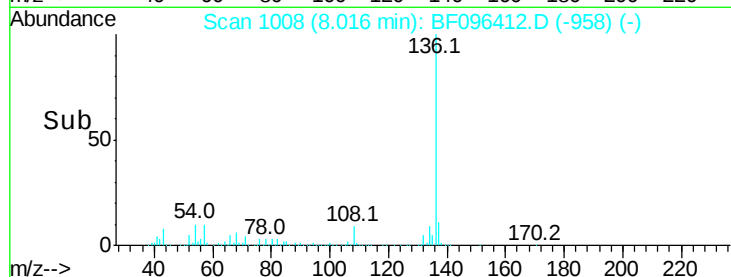
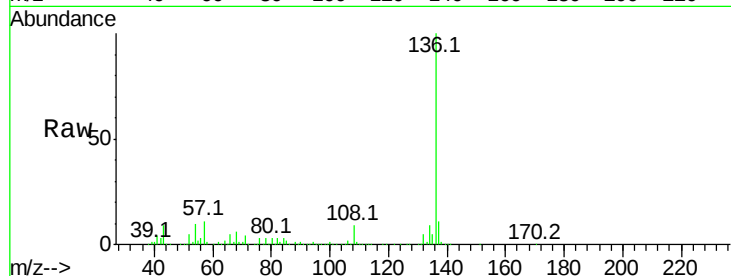
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.3 4.9 7.3#

68 5.7 4.1 6.1

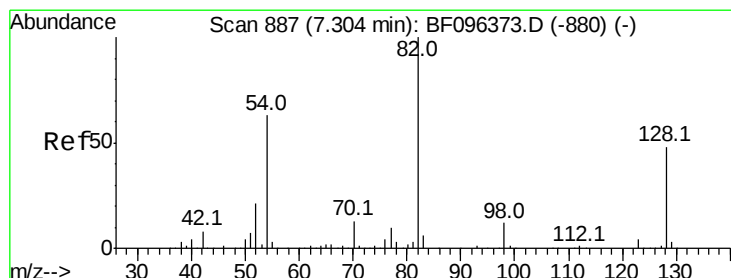
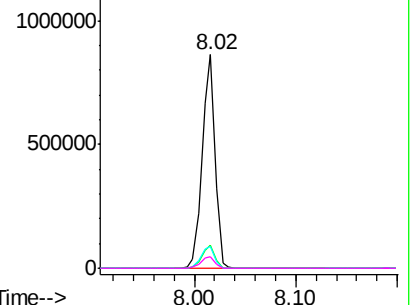


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 58.72 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

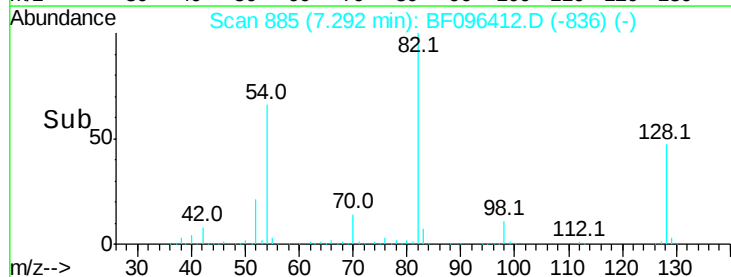
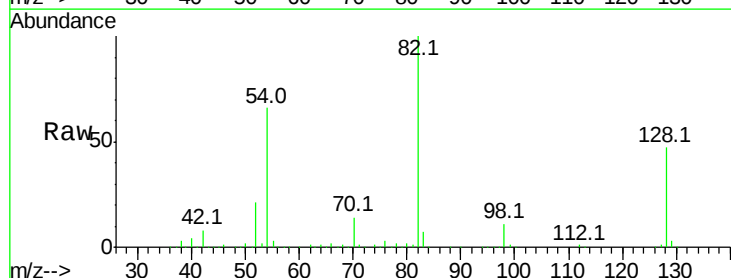
Tgt Ion: 82 Resp: 742878

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

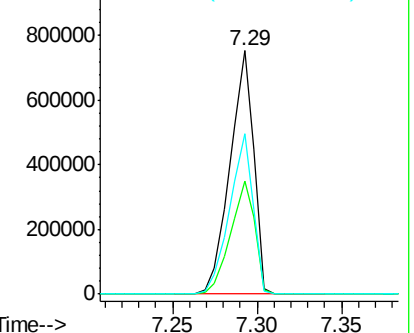
54 66.1 42.2 63.2#

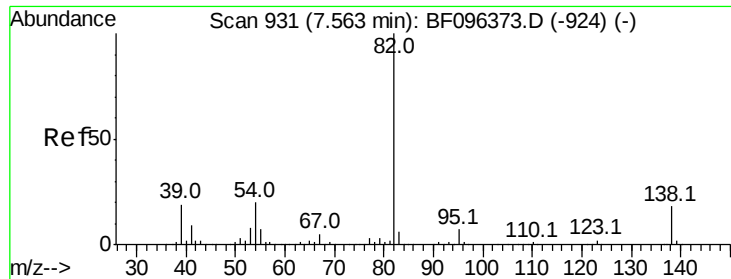


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.95 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :
BNA_F
ClientSampleId :

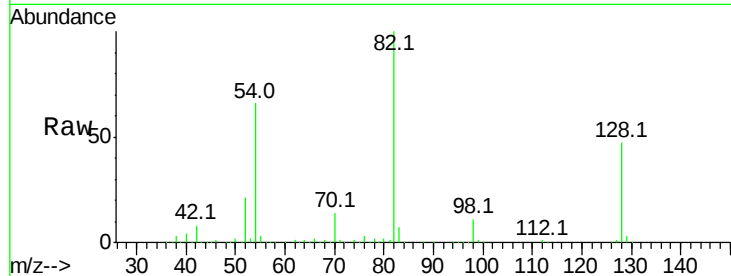
Tot Ion: 82 Resp: 734552

Ion Ratio Lower Upper

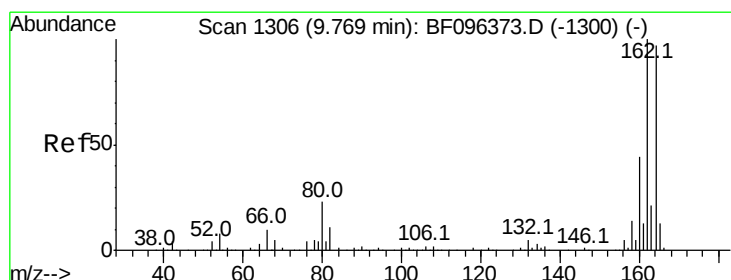
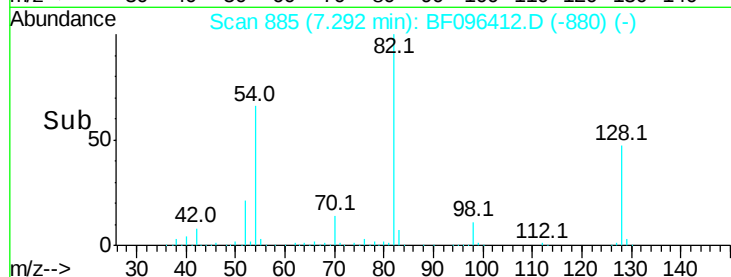
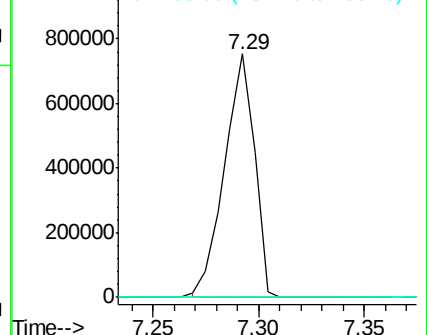
82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

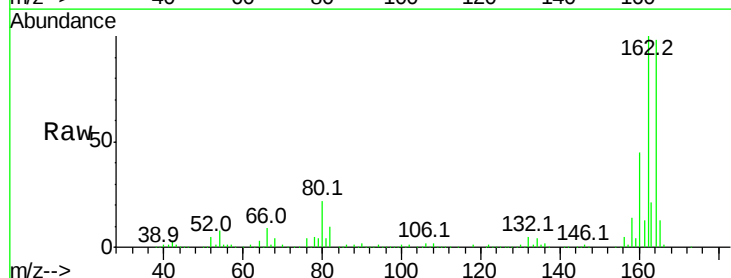
Tgt Ion:164 Resp: 316251

Ion Ratio Lower Upper

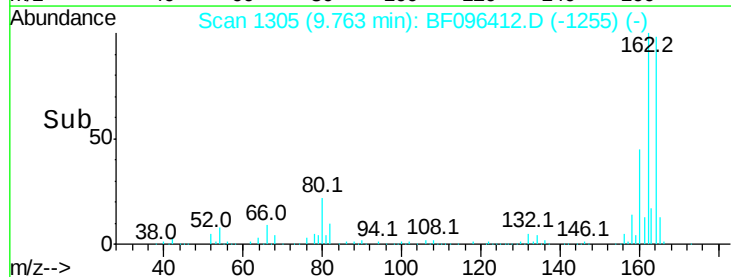
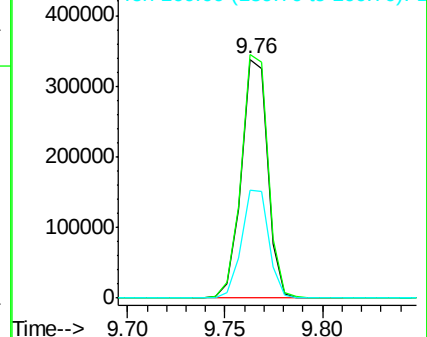
164 100

162 101.8 82.6 123.8

160 45.3 36.2 54.2



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

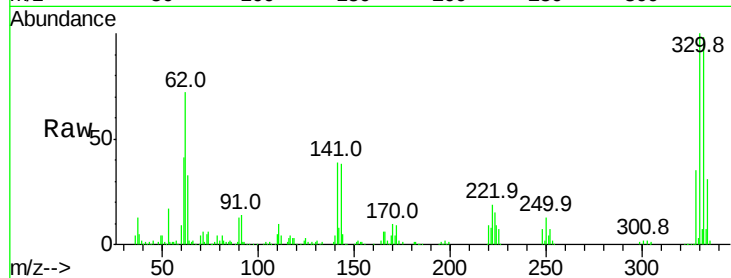




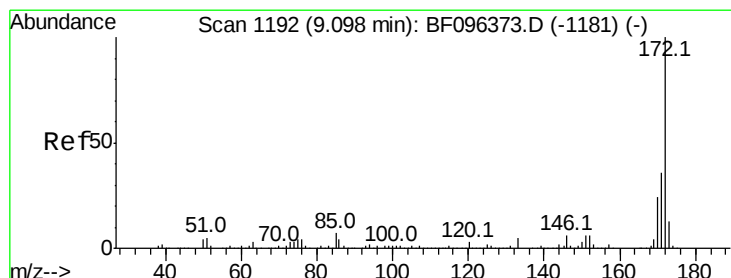
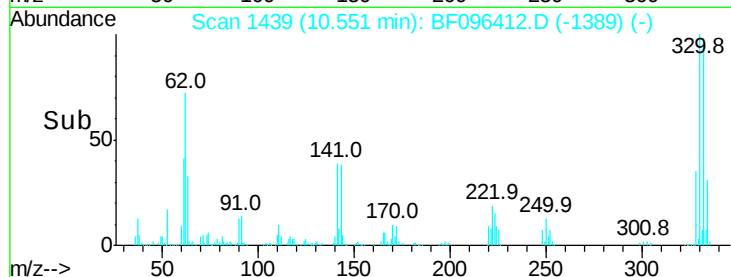
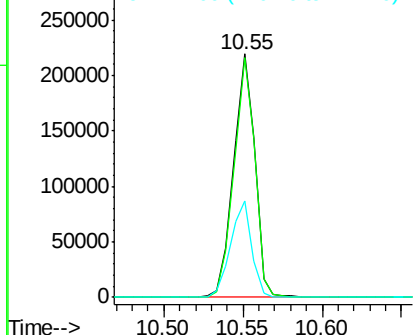
#41
 2,4,6-Tribromophenol
 Concen: 82.97 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096412.D
 Acq: 2 Jul 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204959
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.4 31.4 47.2

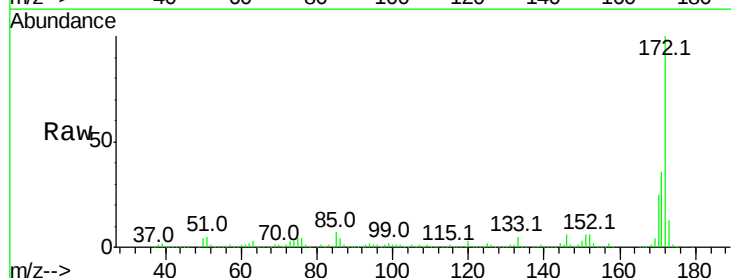


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

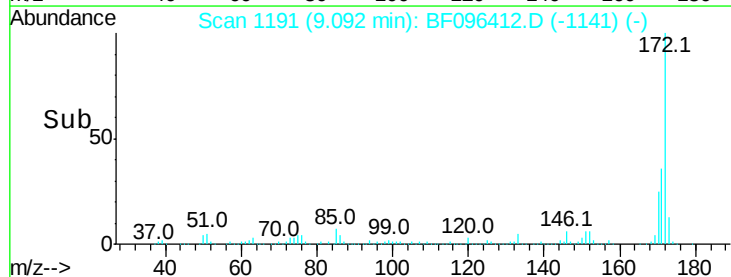
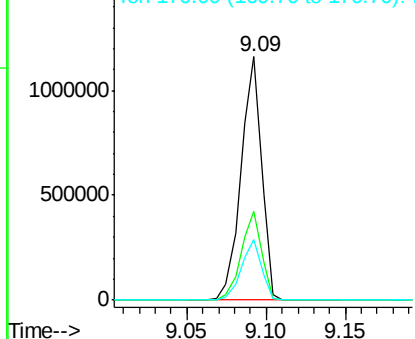


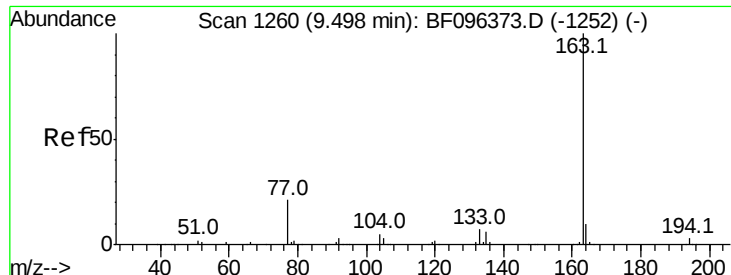
#44
 2-Fluorobiphenyl
 Concen: 56.31 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096412.D
 Acq: 2 Jul 2017 13:25

Tgt Ion:172 Resp: 1041637
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.0 19.8 29.8



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

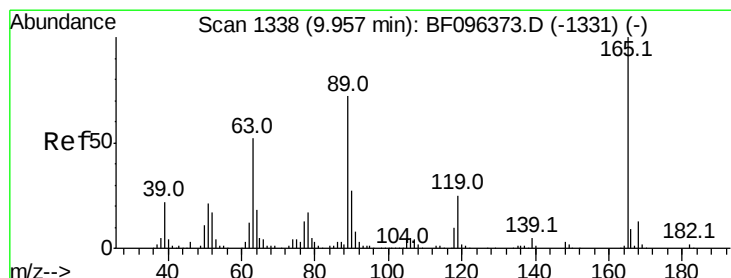
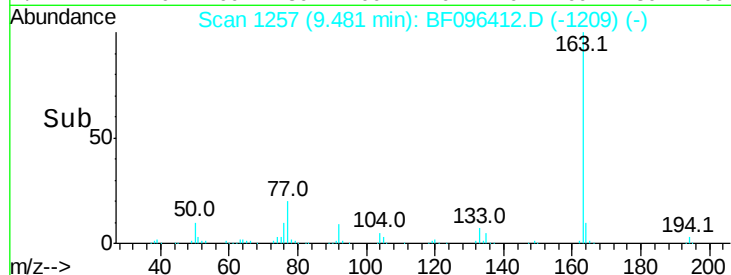
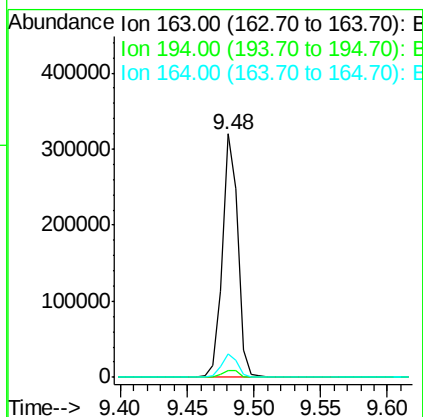
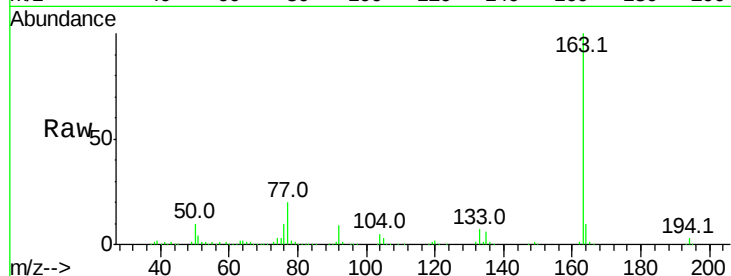




#49
Dimethylphthalate
Concen: 11.15 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

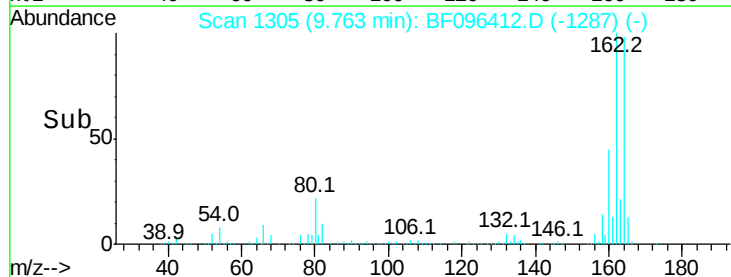
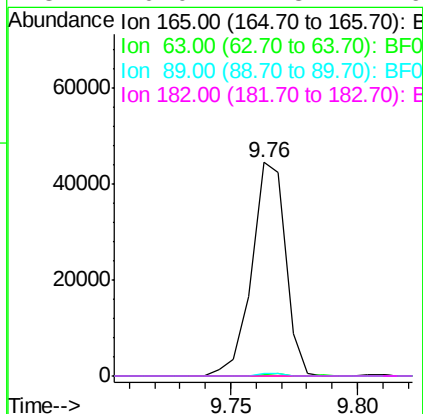
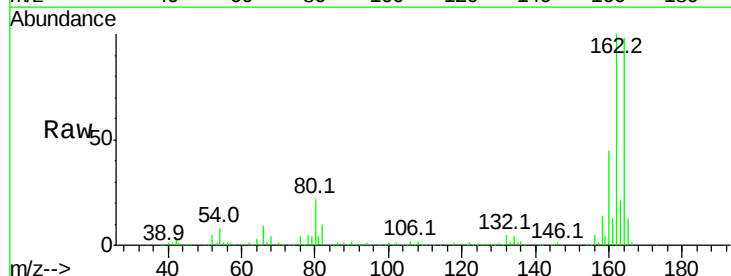
Instrument :
BNA_F
ClientSampleId :

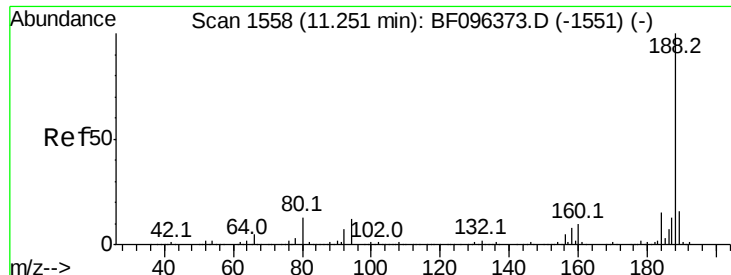
Tot Ion:163 Resp: 263295
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.9 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

Tgt Ion:165 Resp: 41489
Ion Ratio Lower Upper
165 100
63 0.8 25.4 38.0#
89 1.1 46.4 69.6#
182 0.0 1.8 2.6#

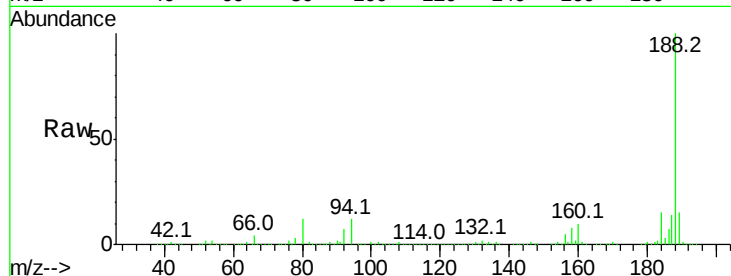




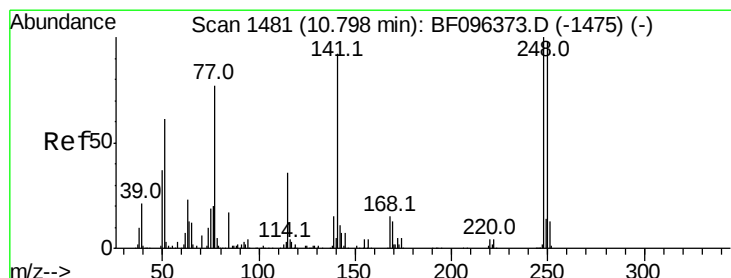
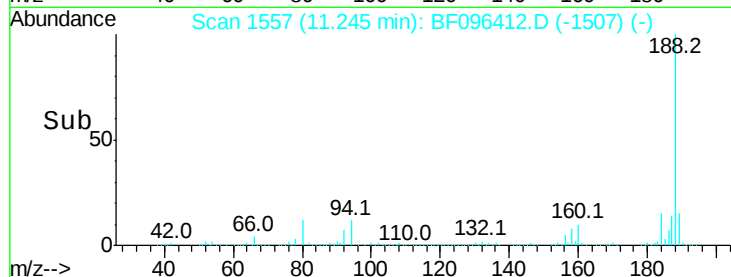
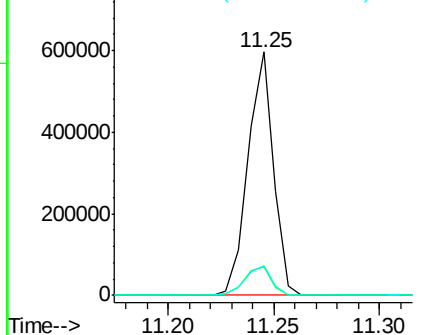
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 499439
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.1 10.2 15.2

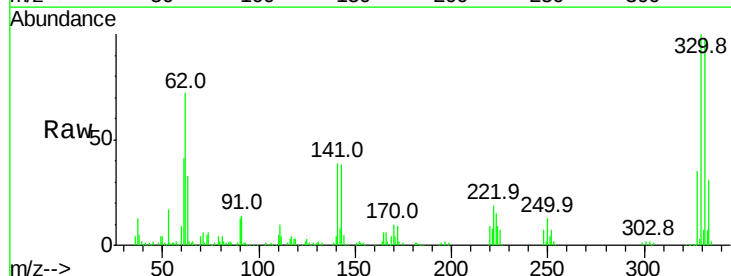


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

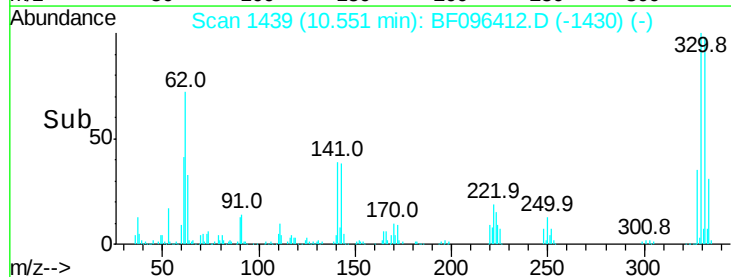
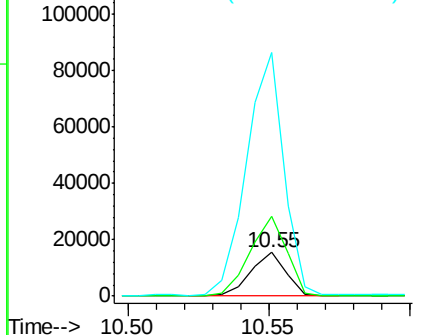


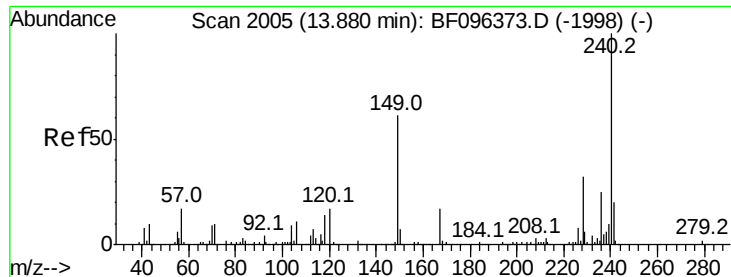
#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

Tgt Ion:248 Resp: 13420
Ion Ratio Lower Upper
248 100
250 184.2 76.8 115.2#
141 559.3 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

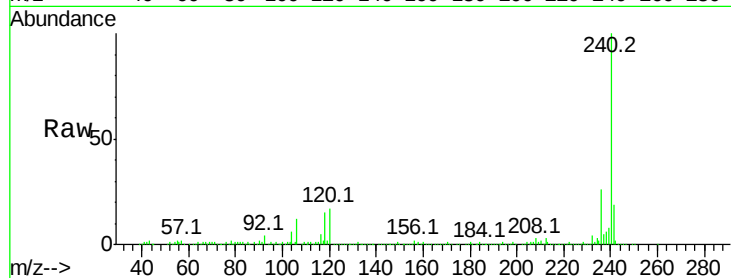
Tot Ion:240 Resp: 307483

Ion Ratio Lower Upper

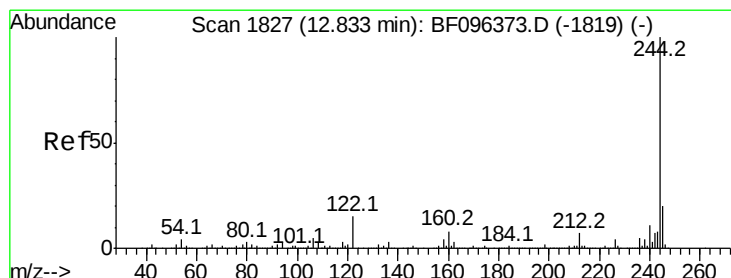
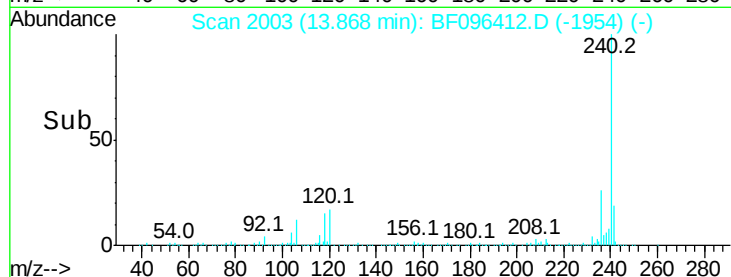
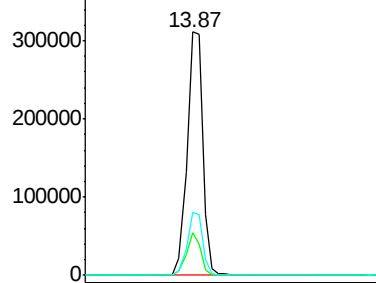
240 100

120 17.4 5.8 8.8#

236 25.8 20.5 30.7



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: 42.01 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

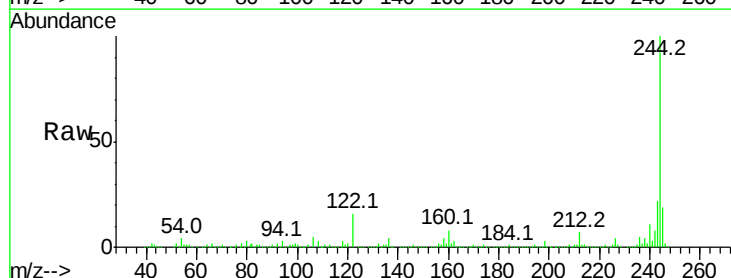
Tgt Ion:244 Resp: 604488

Ion Ratio Lower Upper

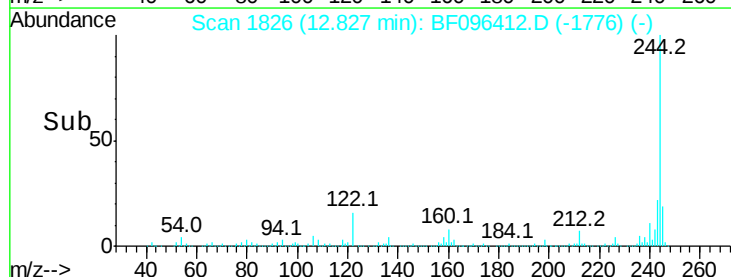
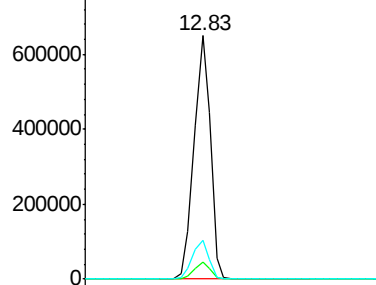
244 100

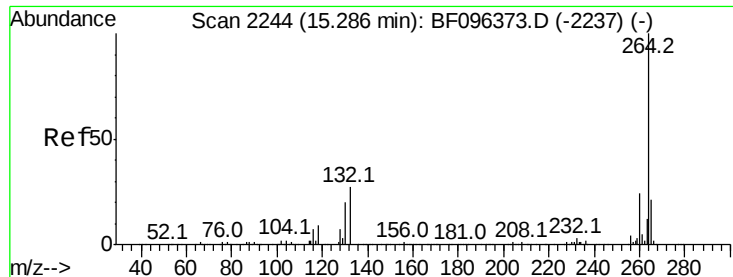
212 6.8 6.0 9.0

122 16.1 10.3 15.5#



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

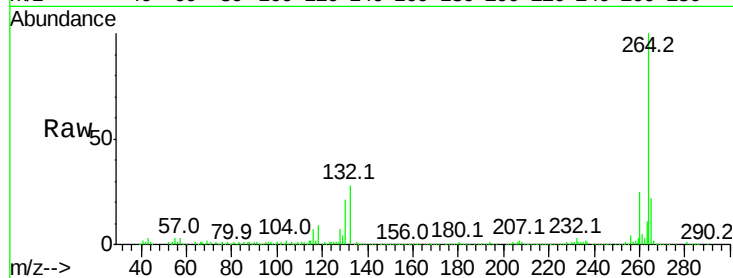




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096412.D
 Acq: 2 Jul 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.2	25.8



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

