

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105082.D
 Acq On : 3 May 2018 19:37
 Operator : JU/SJ
 Sample : J2667-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:57:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110218	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	465465	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	211796	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	356908	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	200232	20.00	ng	-0.02
86) Perylene-d12	15.57	264	184741	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	706691	98.04	ng	0.00
7) Phenol-d6	6.43	99	849140	95.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	517135	72.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	218732	99.56	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	977250	72.89	ng	-0.02
78) Terphenyl-d14	12.90	244	774405	88.17	ng	-0.01

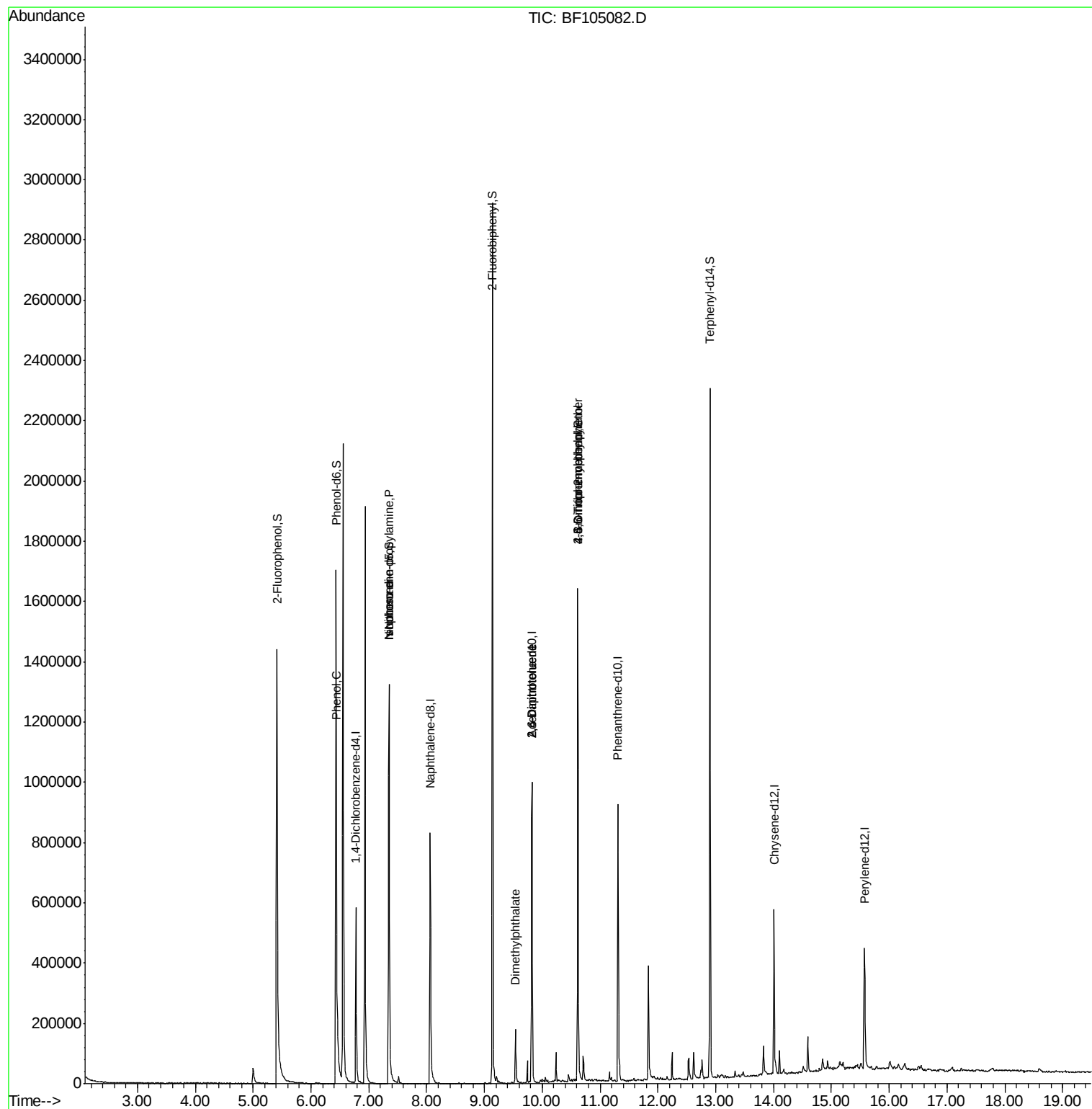
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	19171	2.04	ng	# 36
19) n-Nitroso-di-n-propylamine	7.35	70	67164	11.61	ng	# 70
25) Isophorone	7.35	82	517133	34.31	ng	# 64
49) Dimethylphthalate	9.54	163	89861	5.38	ng	99
50) 2,6-Dinitrotoluene	9.82	165	26523	8.58	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	26523	6.54	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	174	7.43	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	13648	3.60	ng	# 1
76) Benzidine	12.90	184	10362	Below Cal		95

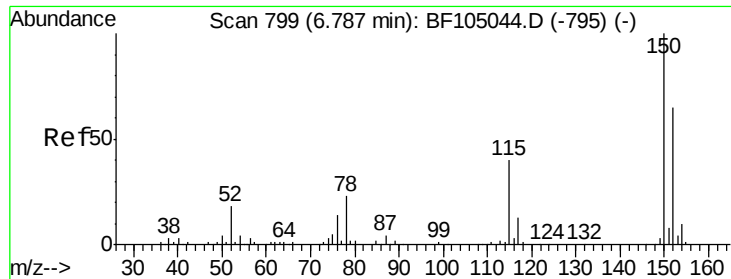
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 04 01:57:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

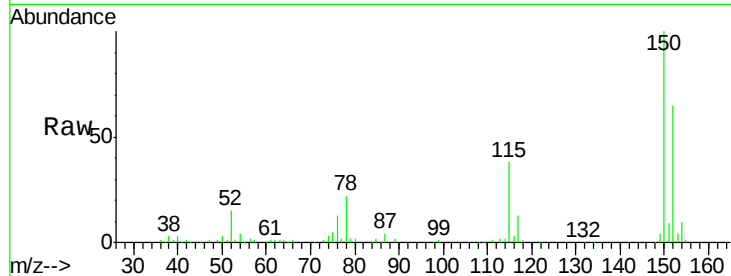
Tot Ion:152 Resp: 110218

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

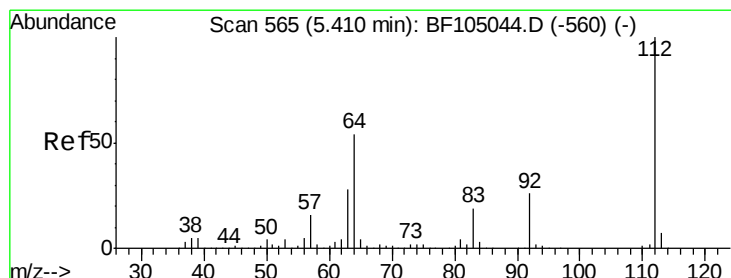
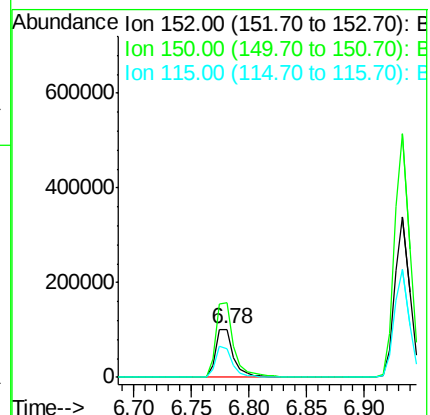
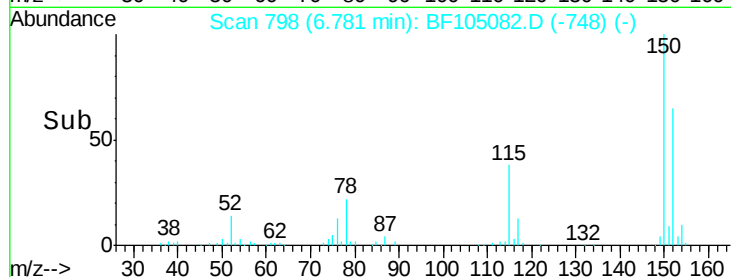
115 59.0 50.1 75.1



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: 98.04 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

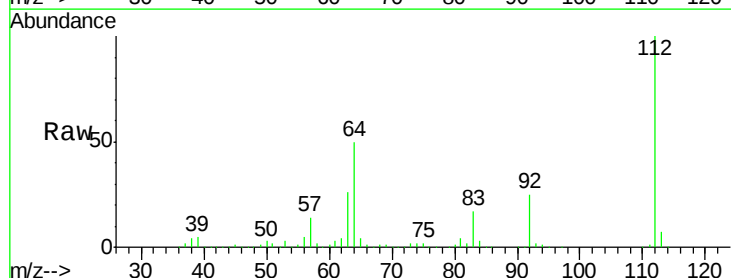
Tgt Ion:112 Resp: 706691

Ion Ratio Lower Upper

112 100

64 50.3 47.9 71.9

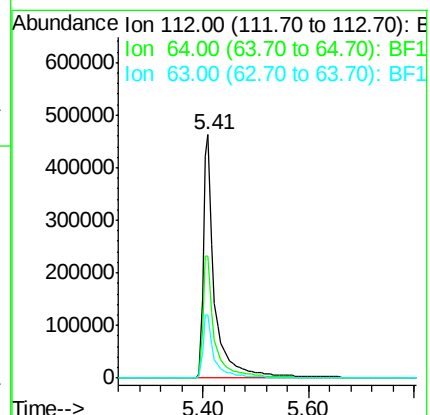
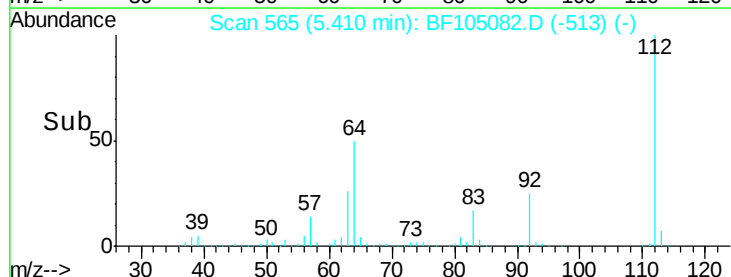
63 25.8 23.7 35.5

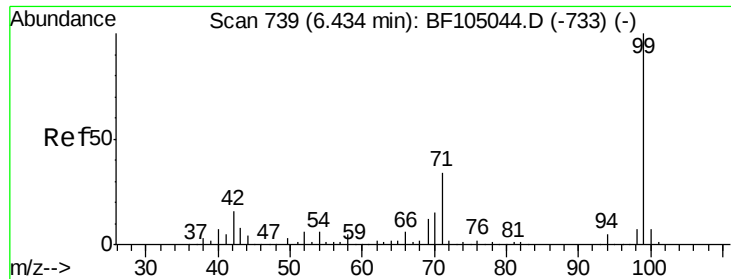


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.88 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

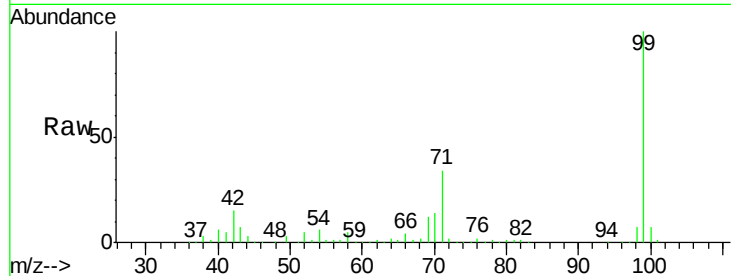
Tot Ion: 99 Resp: 849140

Ion Ratio Lower Upper

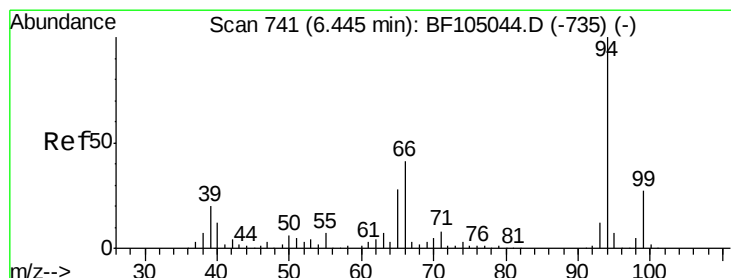
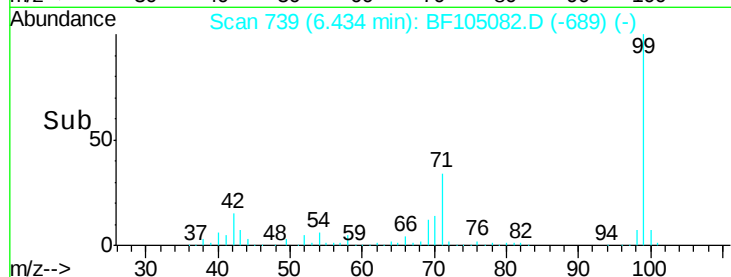
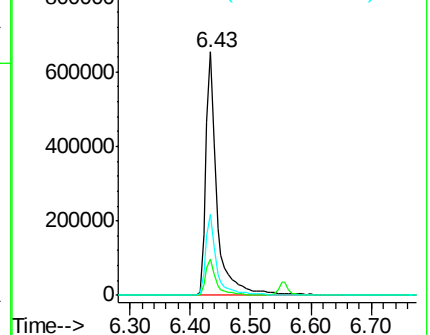
99 100

42 14.9 14.5 21.7

71 33.5 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



#10

Phenol

Concen: 2.04 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

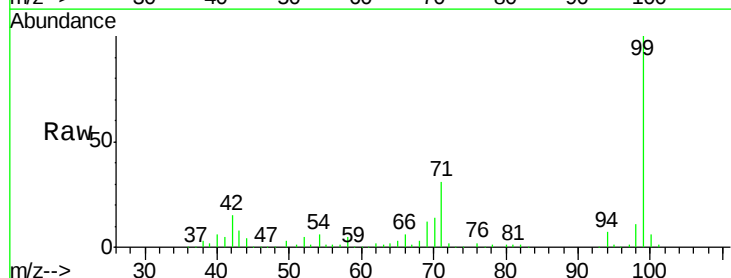
Tgt Ion: 94 Resp: 19171

Ion Ratio Lower Upper

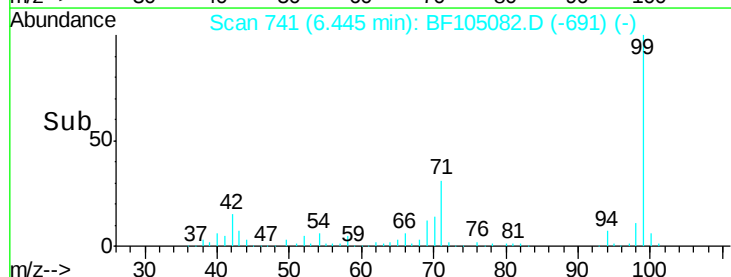
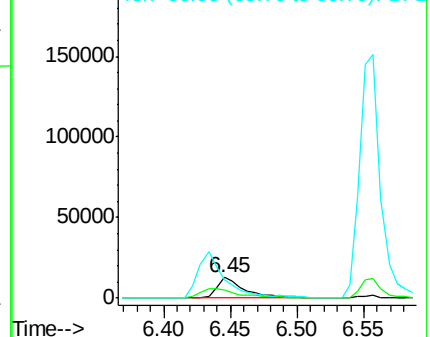
94 100

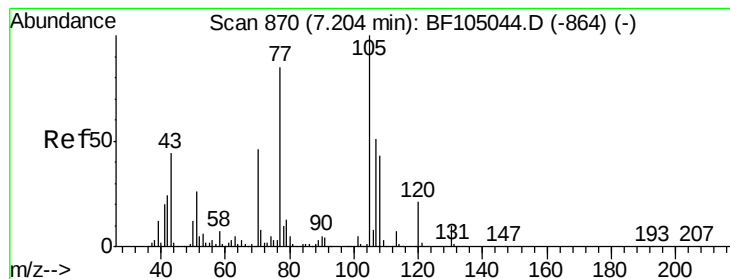
65 42.4 7.9 47.9

66 90.5 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





#19

n-Nitroso-di-n-propylamine

Concen: 11.61 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 67164

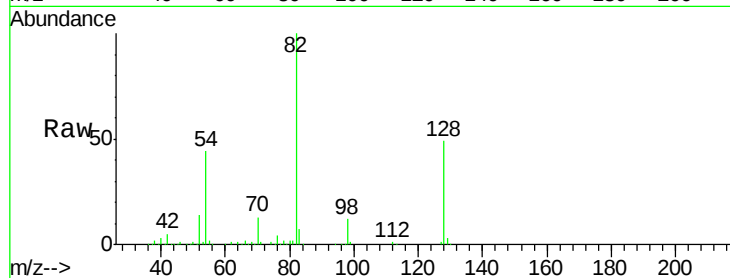
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

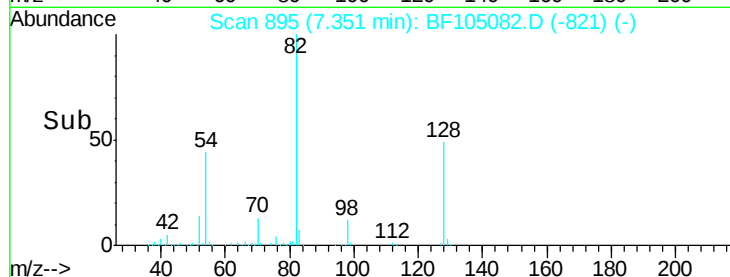


Abundance Ion 70.00 (69.70 to 70.70): BF1

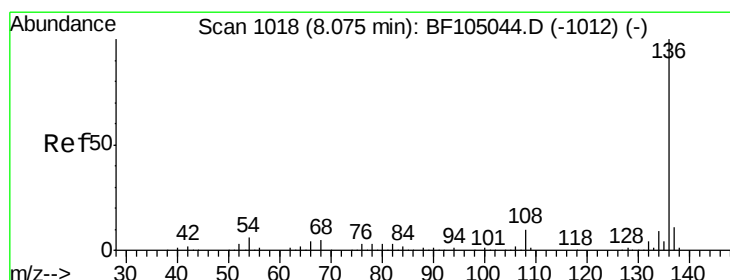
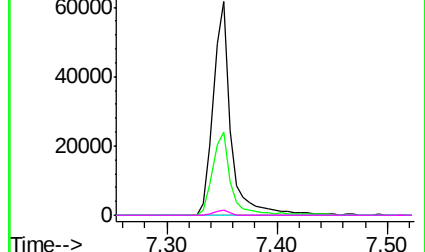
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Tgt Ion: 136 Resp: 465465

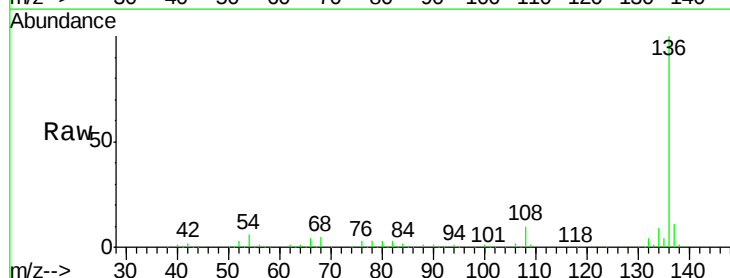
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

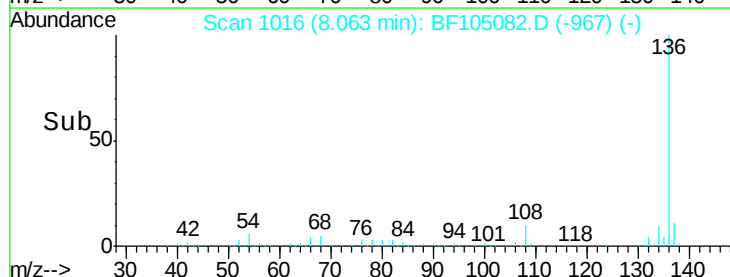


Abundance Ion 136.00 (135.70 to 136.70): BF1

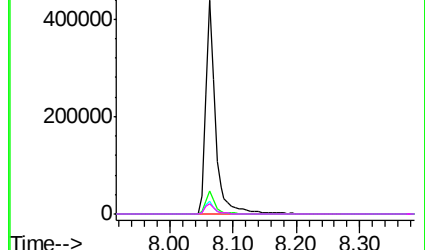
Ion 137.00 (136.70 to 137.70): BF1

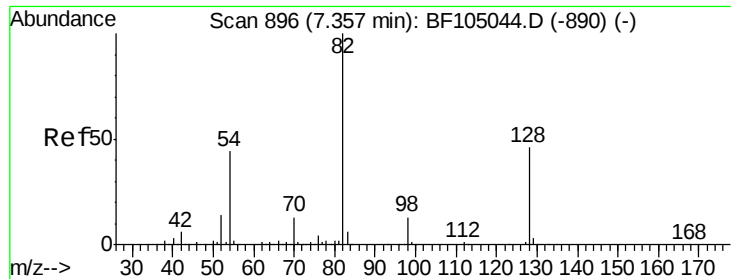
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

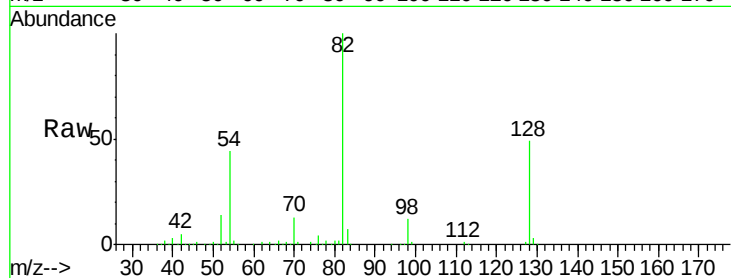




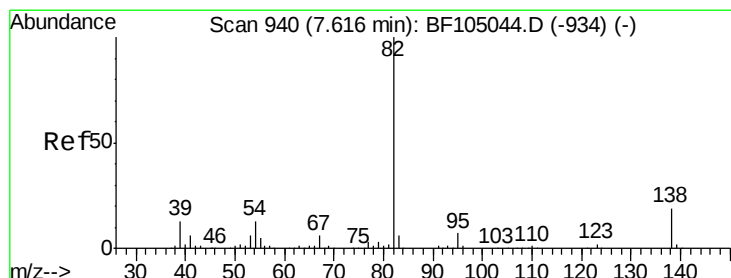
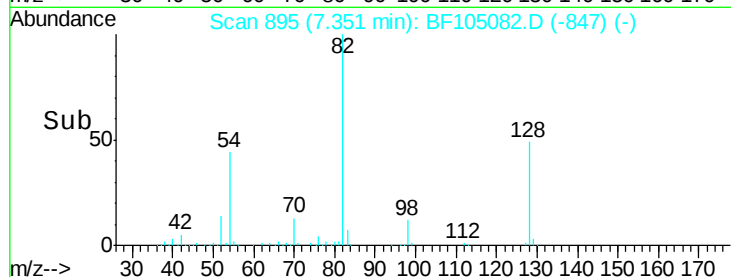
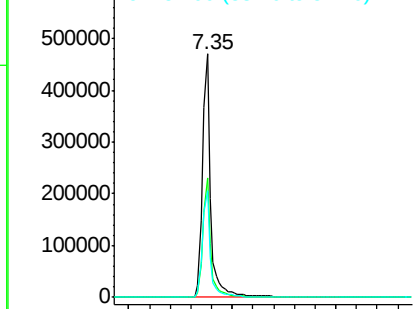
#23
 Nitrobenzene-d5
 Concen: 72.55 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	517135
Ion Ratio	100	Lower	Upper
128	49.2	36.1	54.1
54	43.7	41.4	62.2

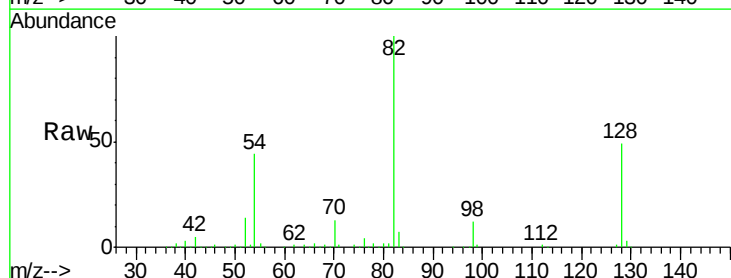


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

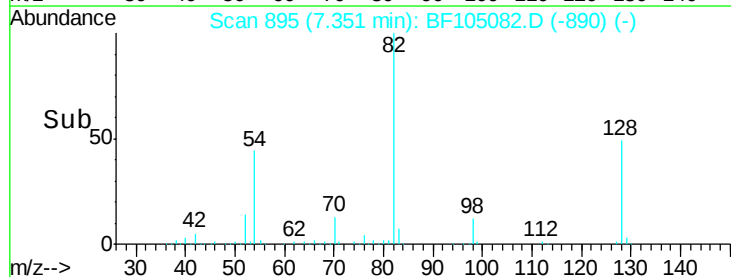
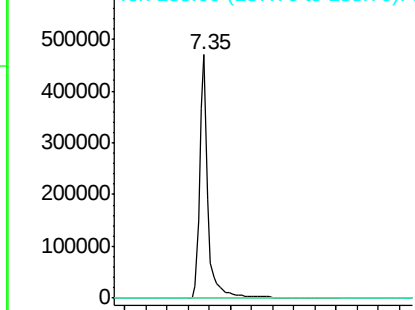


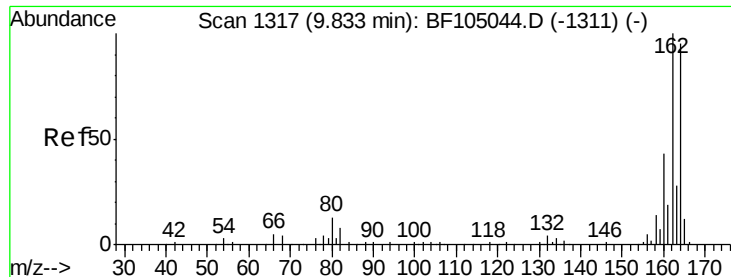
#25
 Isophorone
 Concen: 34.31 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.27 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

Tgt Ion	82	Resp	517133
Ion Ratio	100	Lower	Upper
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

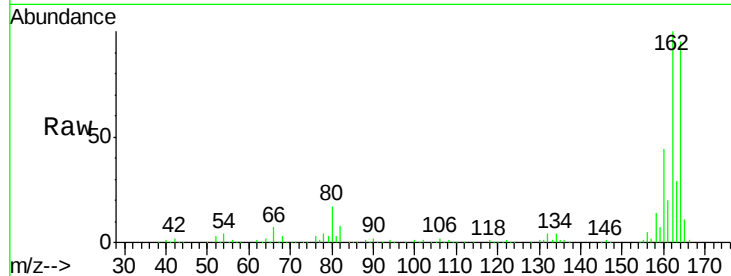




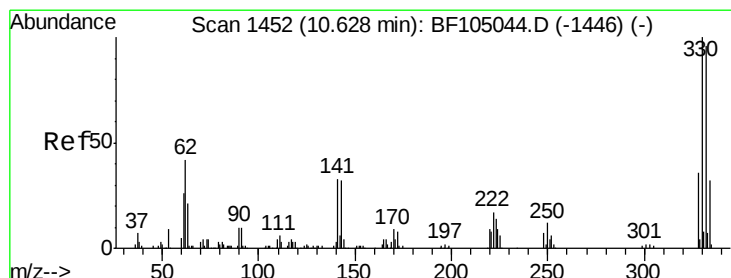
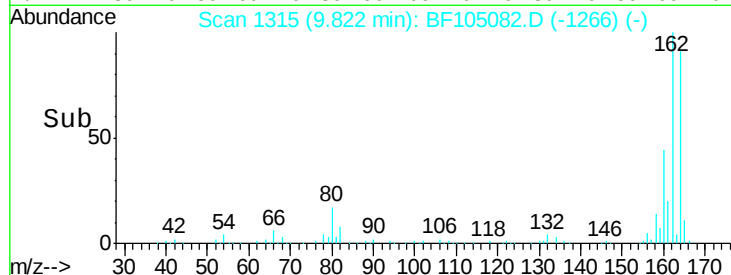
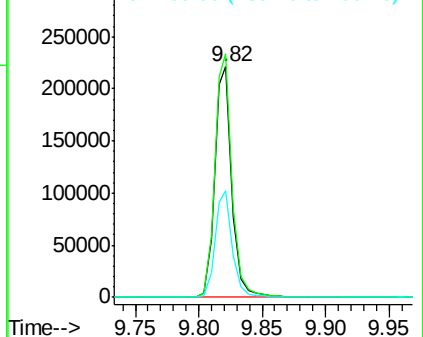
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 211796
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 46.5 38.3 57.5

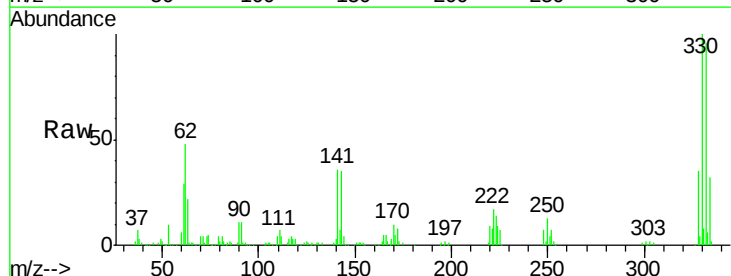


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

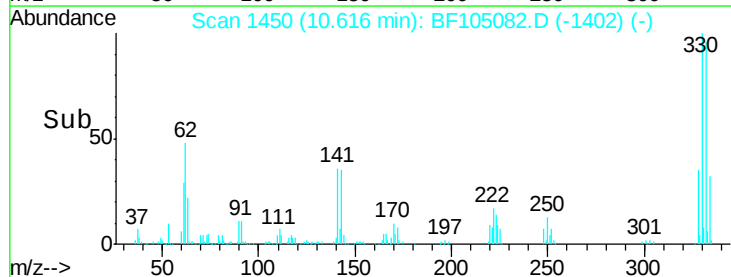
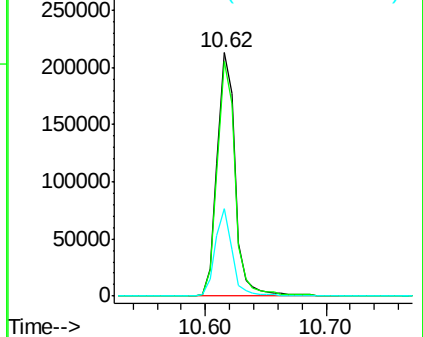


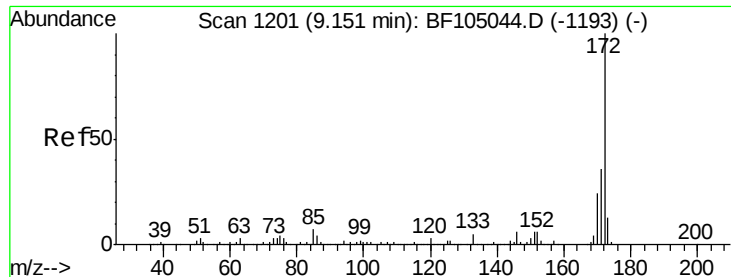
#41
2,4,6-Tribromophenol
Concen: 99.56 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Tgt Ion:330 Resp: 218732
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 33.7 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

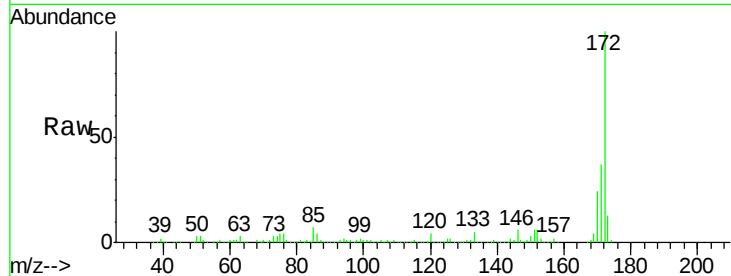




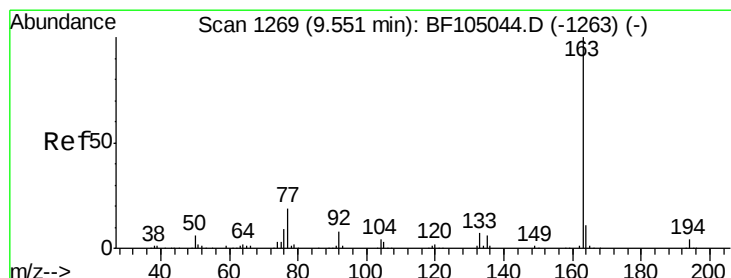
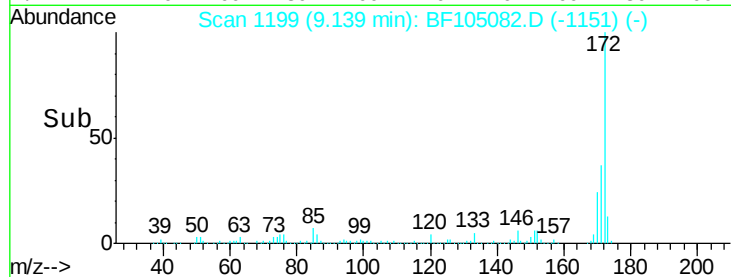
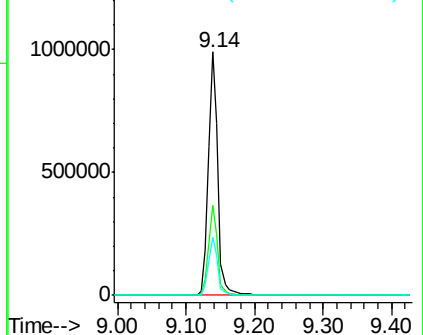
#44
2-Fluorobiphenyl
Concen: 72.89 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 977250
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 23.9 19.6 29.4

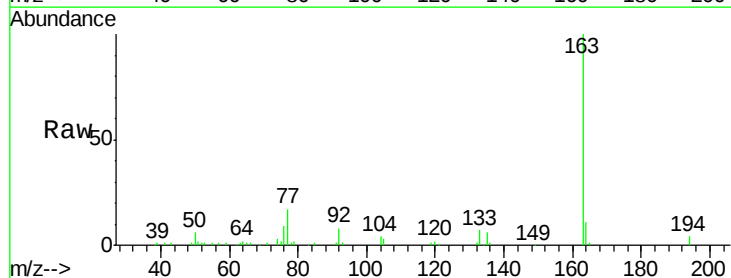


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

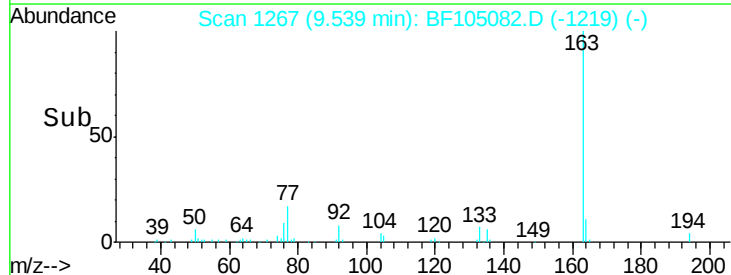
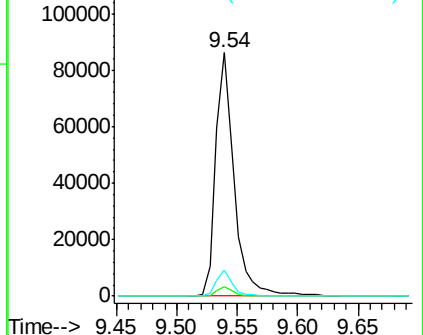


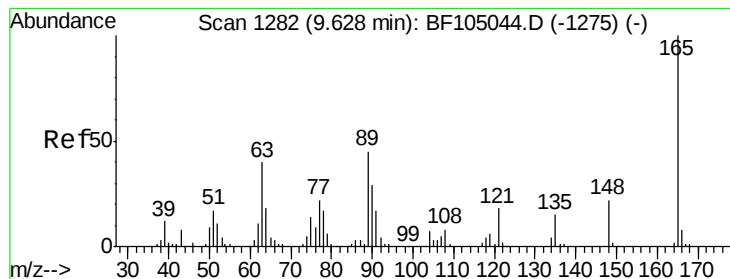
#49
Dimethylphthalate
Concen: 5.38 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Tgt Ion:163 Resp: 89861
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 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: 8.58 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.18 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :
BNA_F
ClientSampleId :

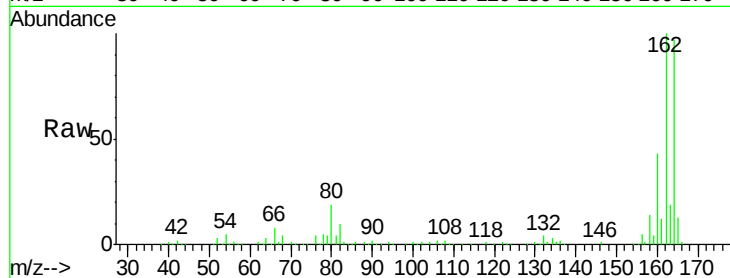
Tot Ion:165 Resp: 26523

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

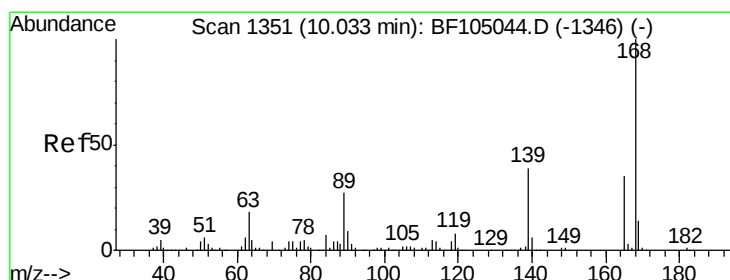
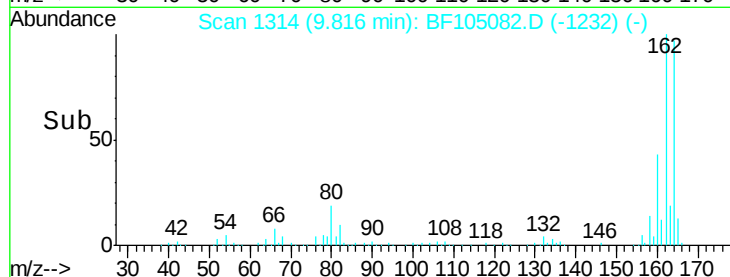
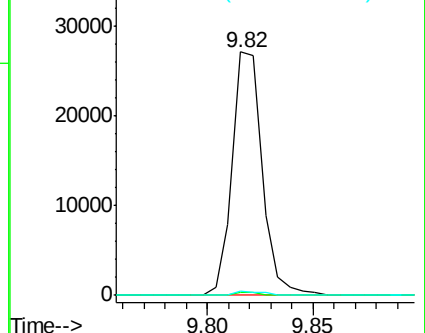
89 1.6 44.0 66.0#



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: 6.54 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.22 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Tgt Ion:165 Resp: 26523

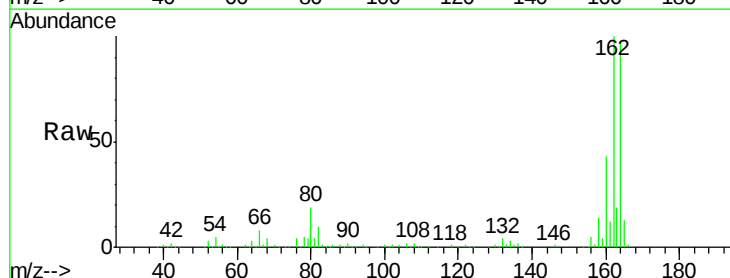
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

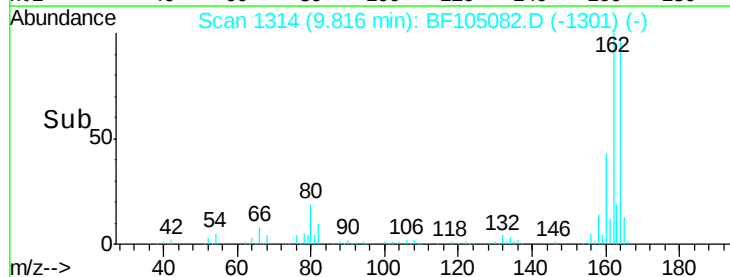
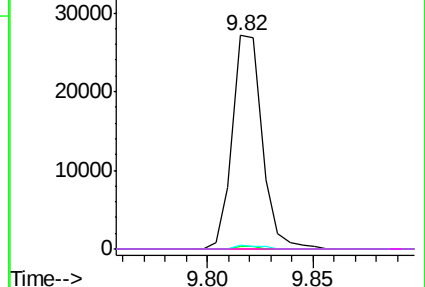


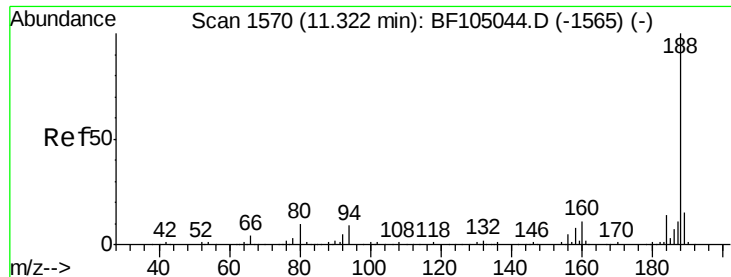
Abundance Ion 165.00 (164.70 to 165.70): E

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

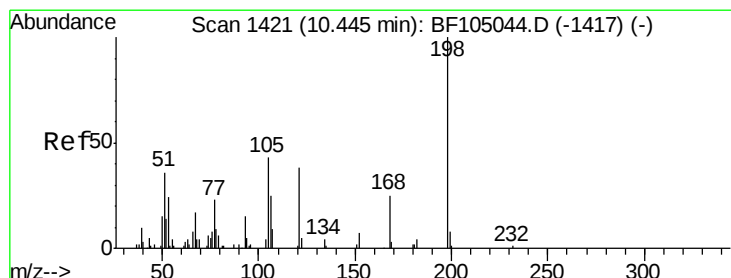
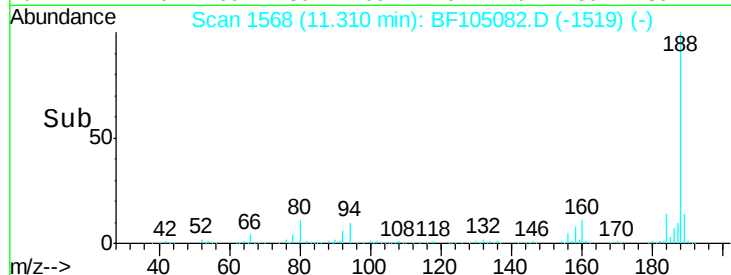
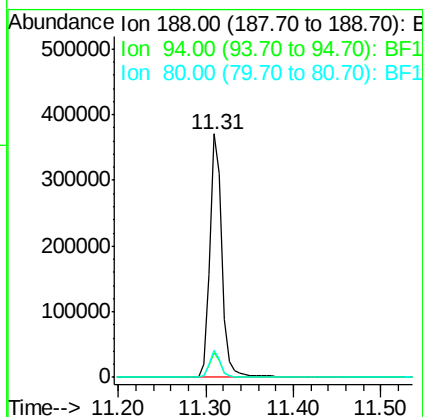
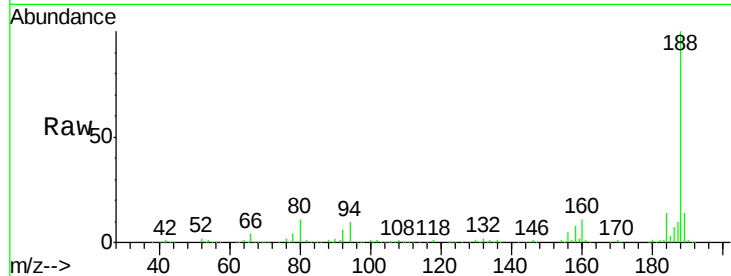




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

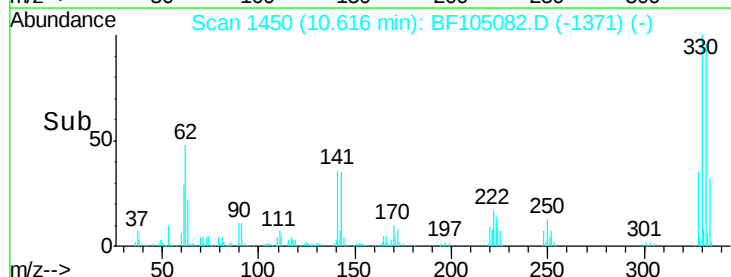
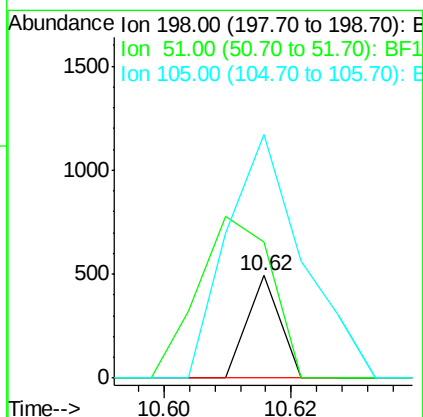
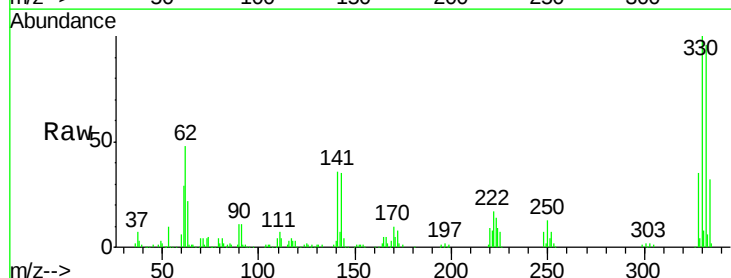
Instrument :
BNA_F
ClientSampleId :

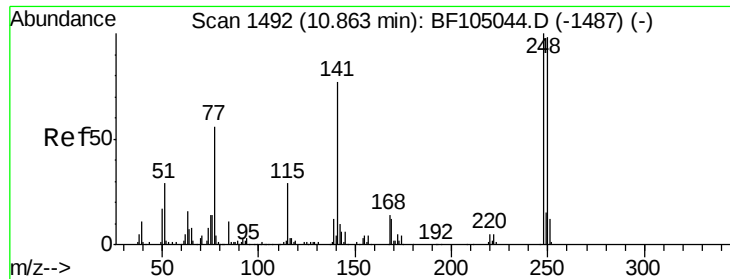
Tot Ion:188 Resp: 356908
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.43 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.16 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Tgt Ion:198 Resp: 174
Ion Ratio Lower Upper
198 100
51 132.3 37.7 77.7#
105 237.5 36.3 76.3#

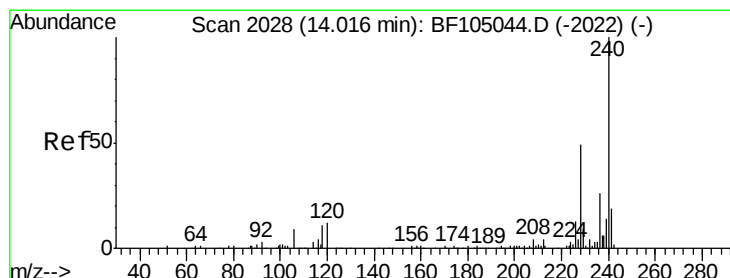
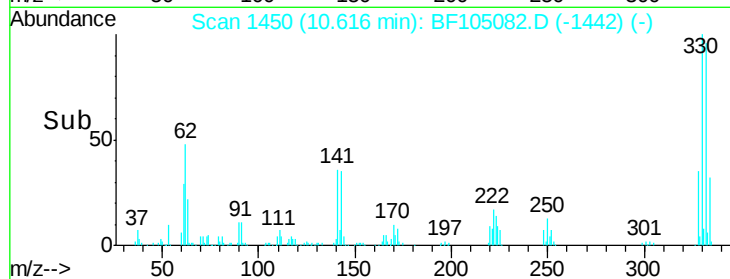
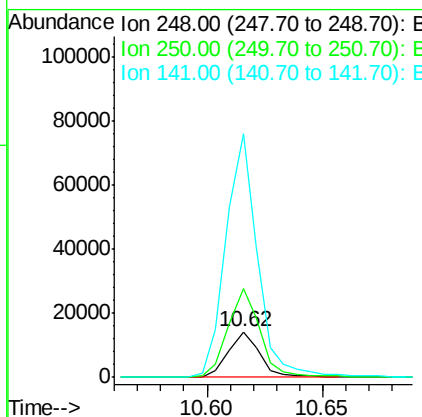
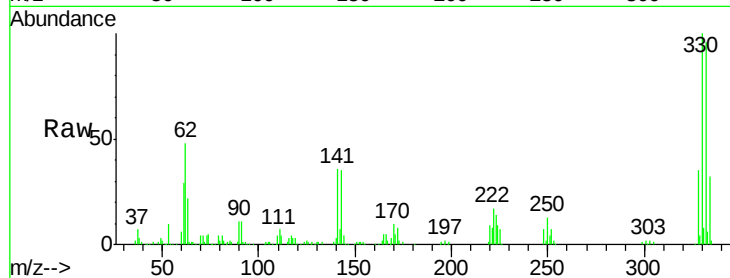




#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

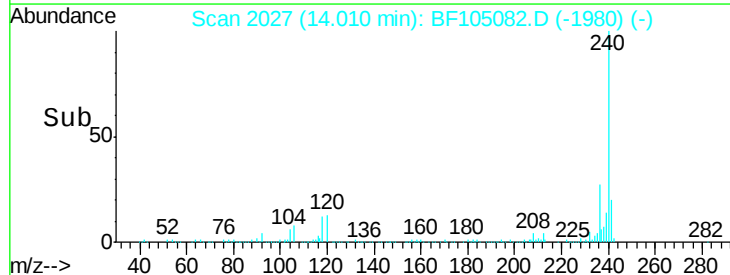
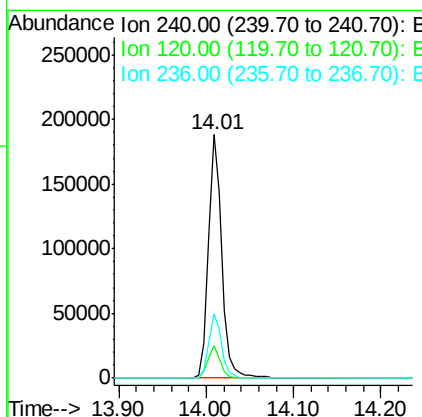
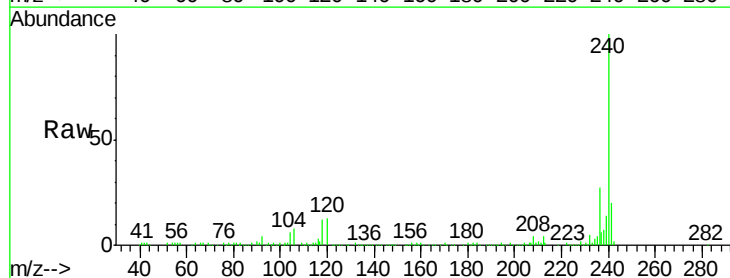
Instrument :
 BNA_F
 ClientSampleId :

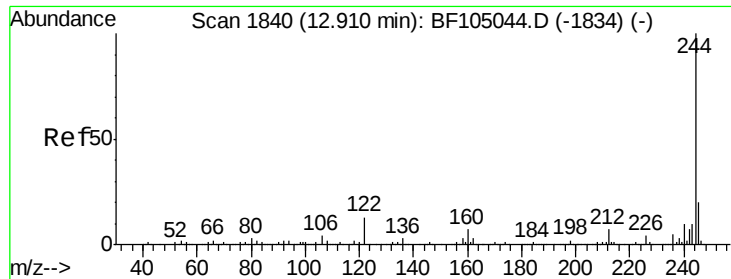
Tot Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	537.4	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 88.17 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

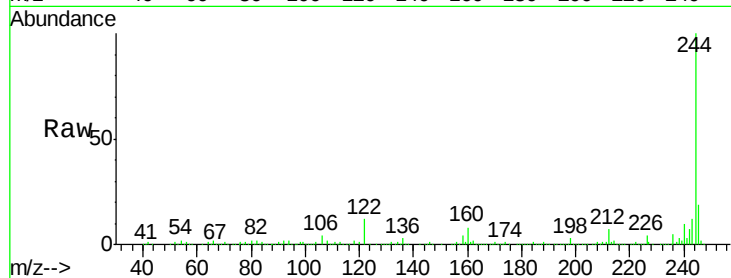
Tot Ion:244 Resp: 774405

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

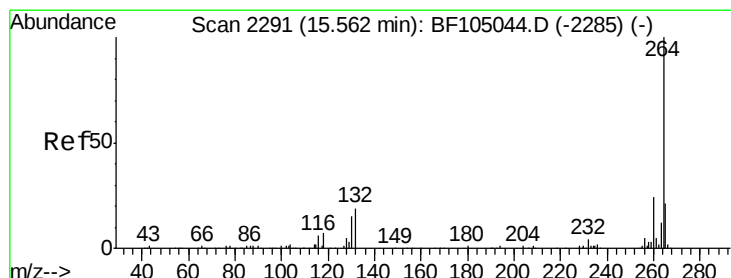
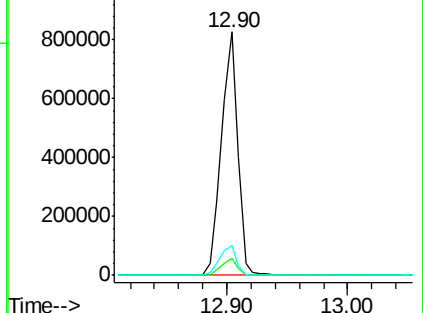
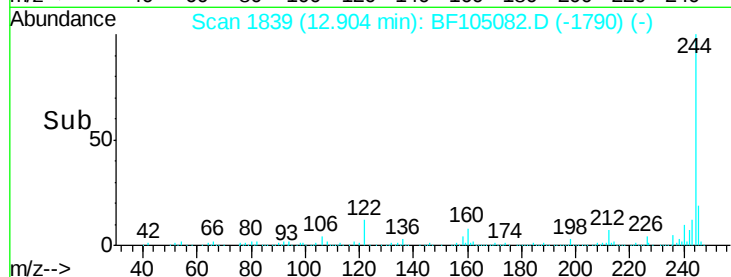
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

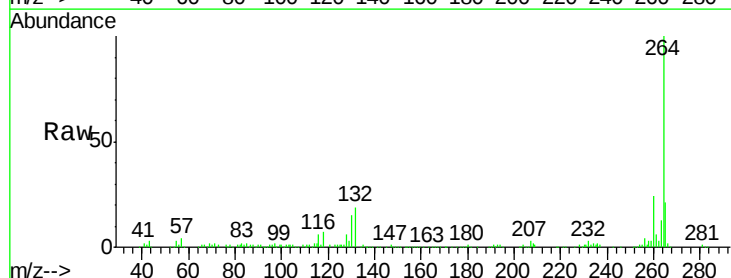
Tgt Ion:264 Resp: 184741

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 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

