

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105352.D
 Acq On : 12 May 2018 21:42
 Operator : JU/SJ
 Sample : J2734-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:54:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

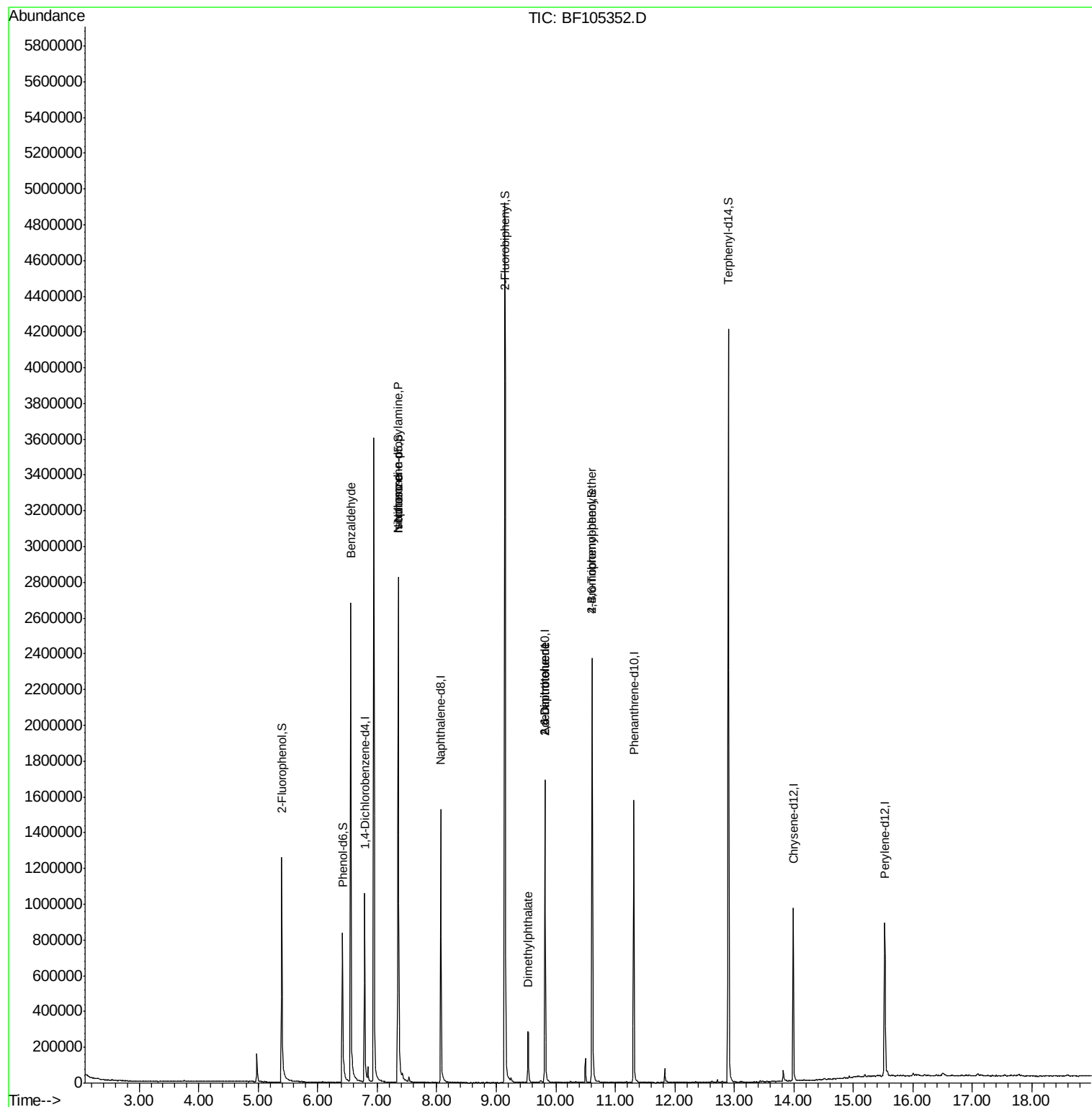
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161363	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	703324	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	314718	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	570997	20.00	ng	0.00
75) Chrysene-d12	13.99	240	376020	20.00	ng	-0.02
86) Perylene-d12	15.53	264	417059	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	437361	40.77	ng	0.00
7) Phenol-d6	6.42	99	333658	26.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1098545	90.91	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	345295	84.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1766796	80.91	ng	0.00
78) Terphenyl-d14	12.90	244	1652515	94.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	18196	2.10	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	143457	17.80	ng	# 81
25) Isophorone	7.36	82	1098539	48.03	ng	# 64
49) Dimethylphthalate	9.54	163	127664	5.28	ng	98
50) 2,6-Dinitrotoluene	9.82	165	40424	7.60	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	40424	5.84	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	18834	2.97	ng	# 1

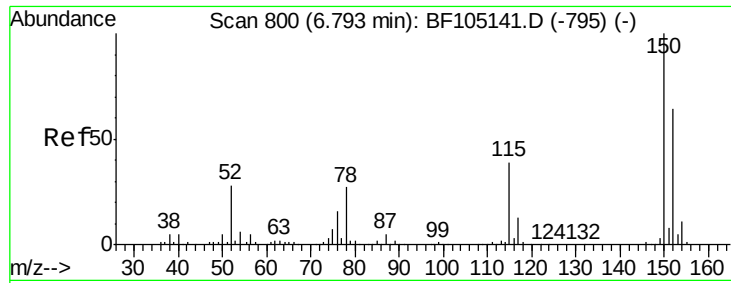
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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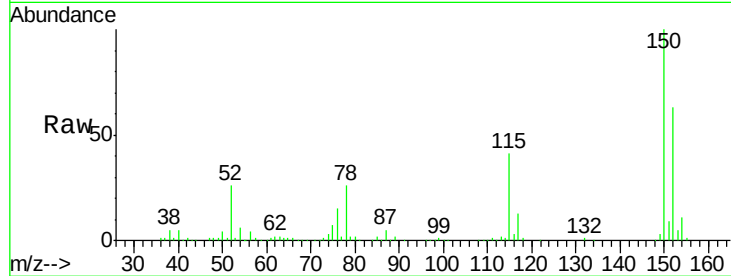


#1

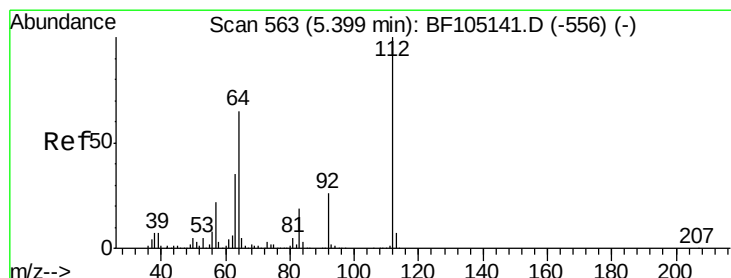
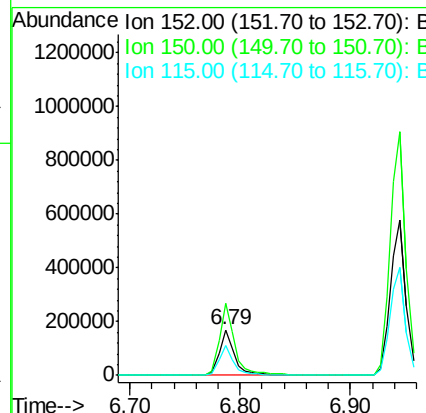
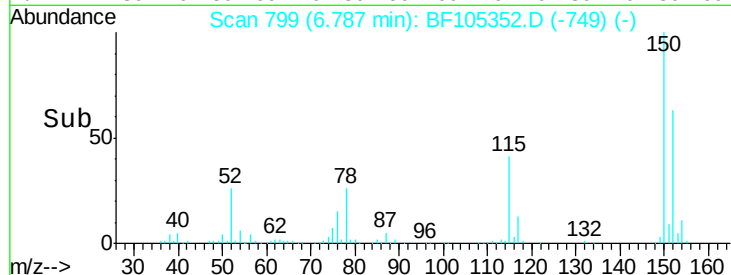
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 161363
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 64.6 50.1 75.1



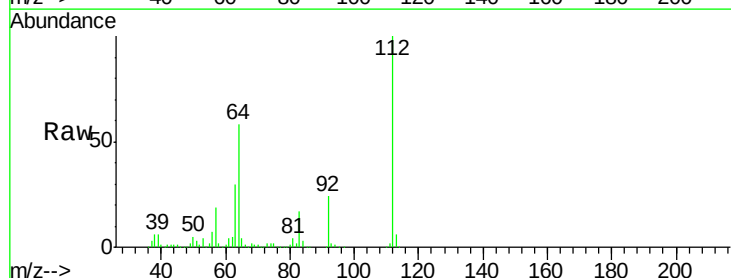
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



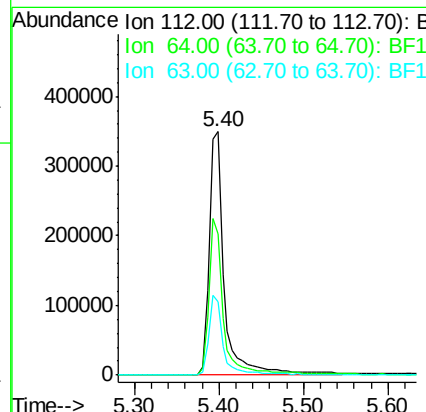
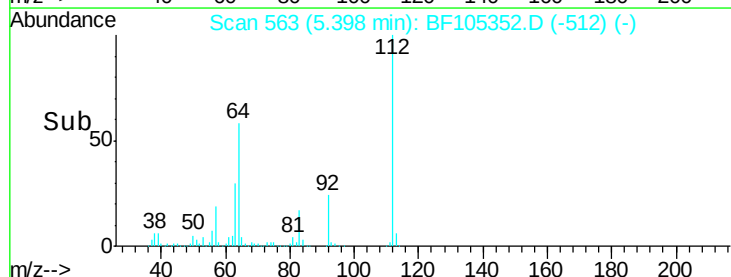
#5

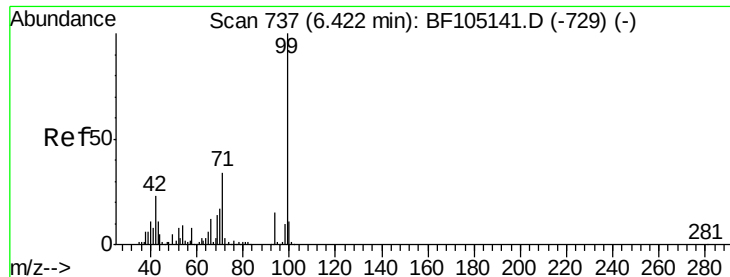
2-Fluorophenol
Concen: 40.77 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Tgt Ion:112 Resp: 437361
Ion Ratio Lower Upper
112 100
64 58.2 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: 26.17 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

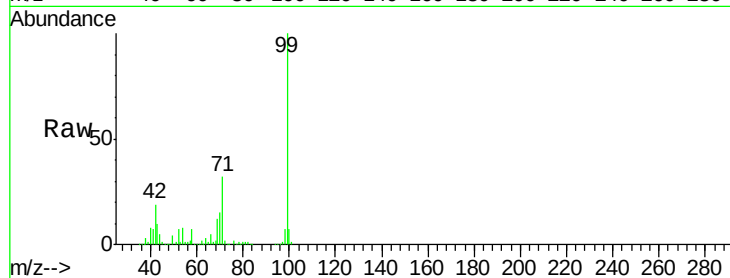
Tot Ion: 99 Resp: 333658

Ion Ratio Lower Upper

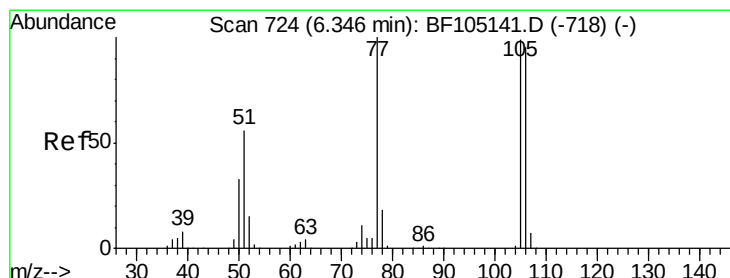
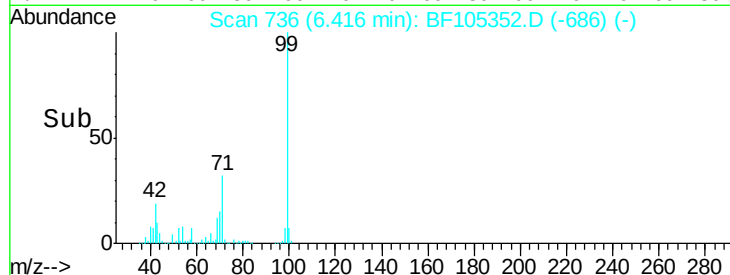
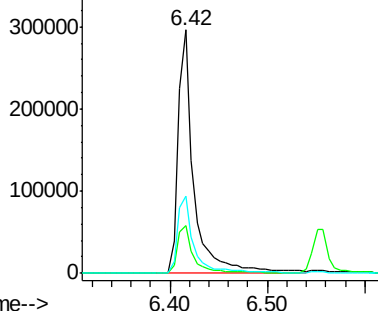
99 100

42 19.4 14.5 21.7

71 31.9 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: 2.10 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

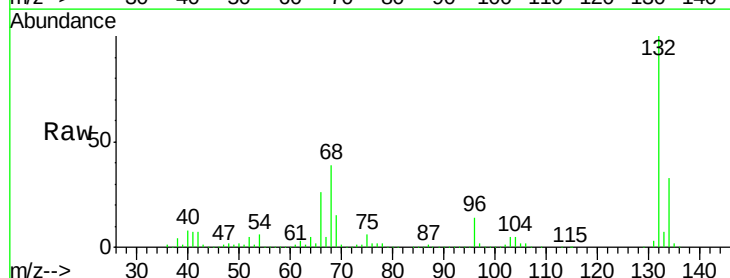
Tgt Ion: 77 Resp: 18196

Ion Ratio Lower Upper

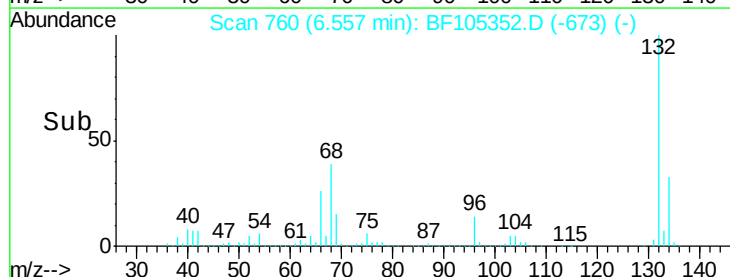
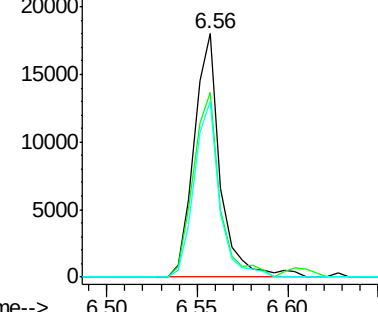
77 100

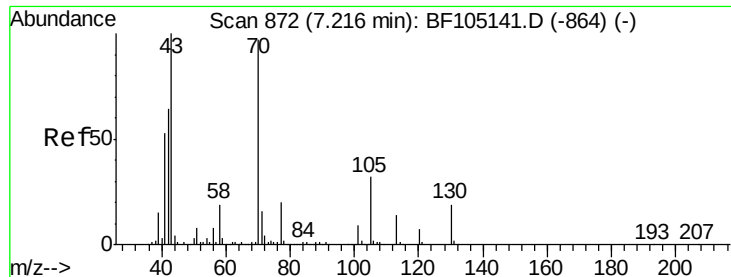
105 75.8 81.1 121.1#

106 72.3 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: 17.80 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 143457

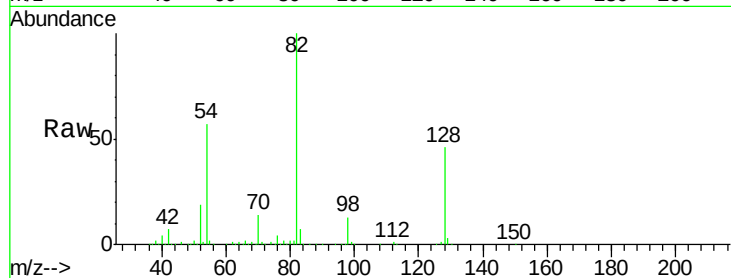
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

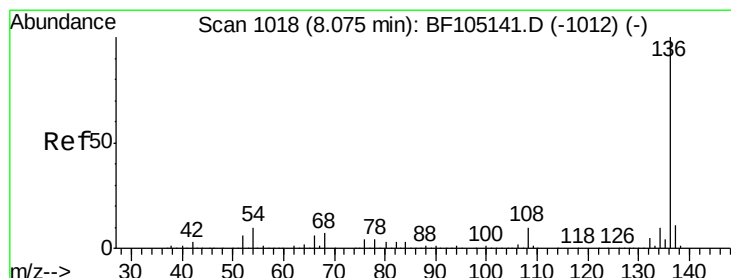
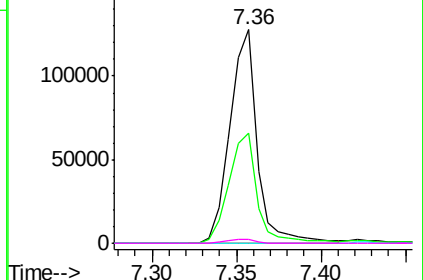
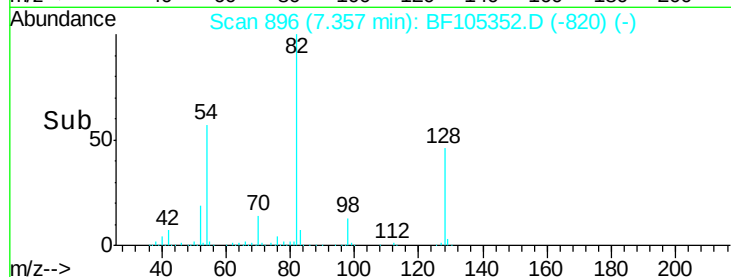


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Tgt Ion: 136 Resp: 703324

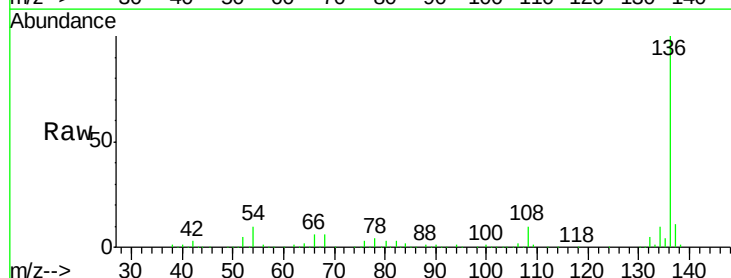
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.4 5.0 7.4

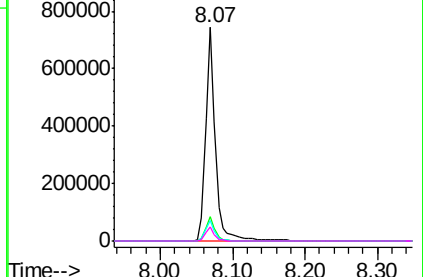
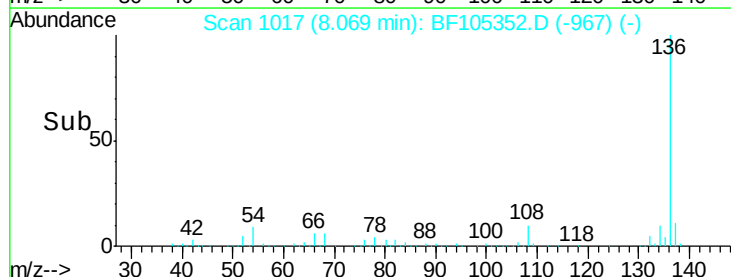


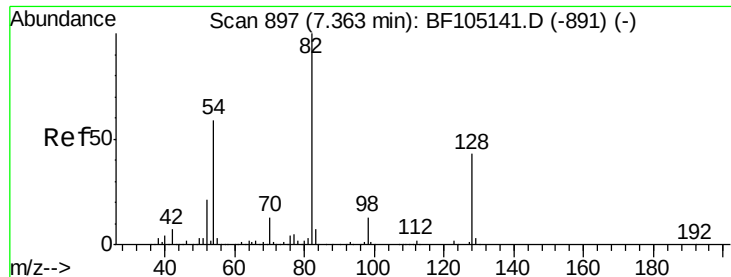
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

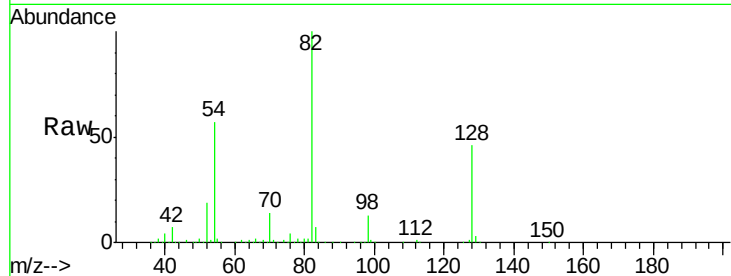




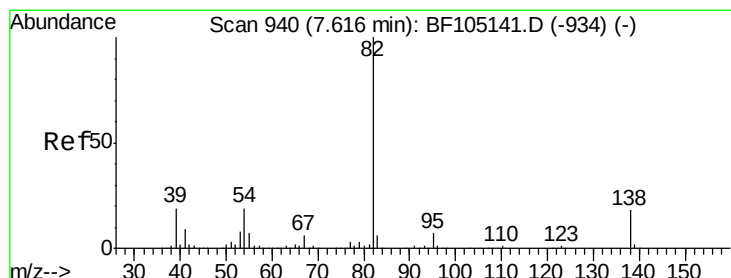
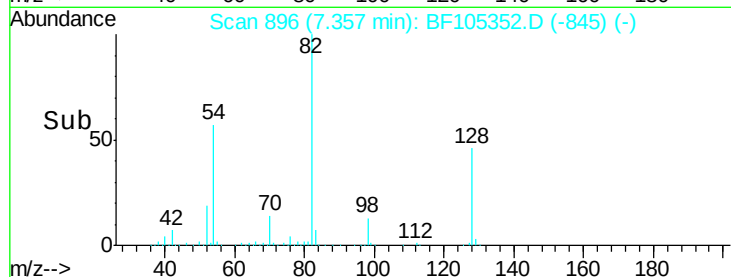
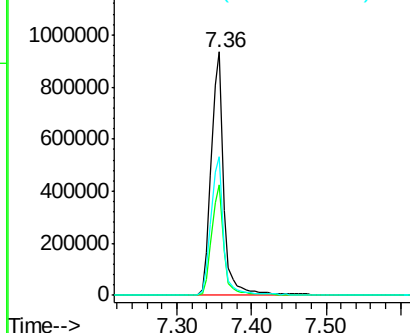
#23
 Nitrobenzene-d5
 Concen: 90.91 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1098545
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 56.7 41.4 62.2

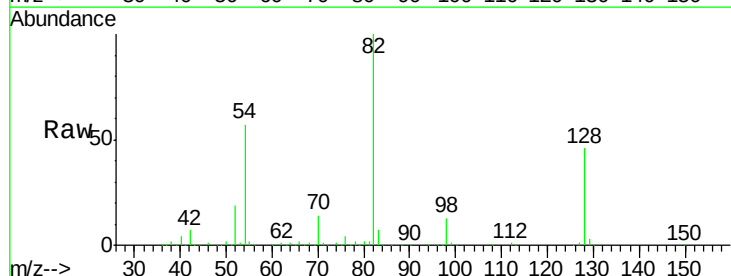


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

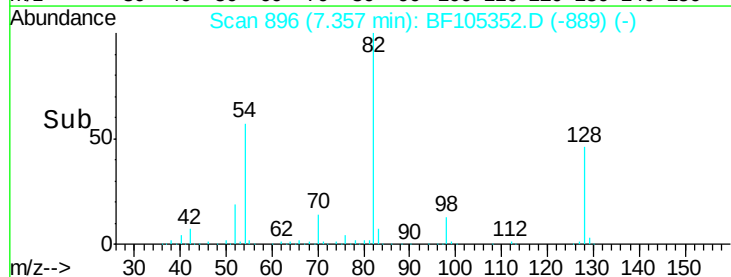
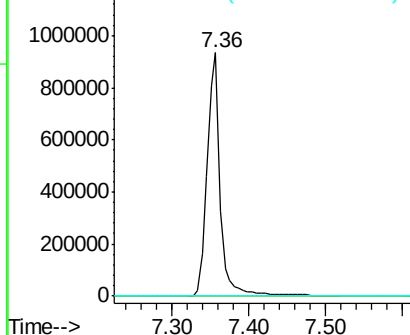


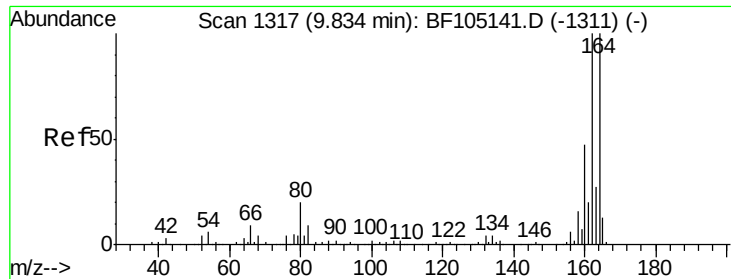
#25
 Isophorone
 Concen: 48.03 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

Tgt Ion: 82 Resp: 1098539
 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

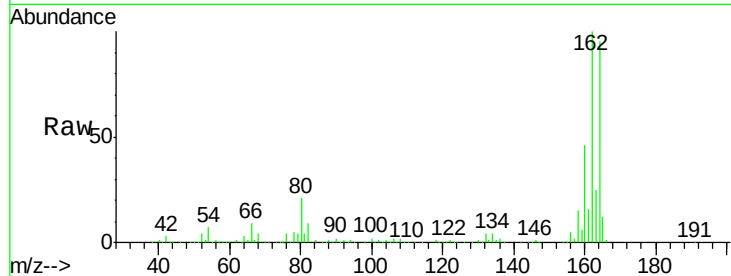




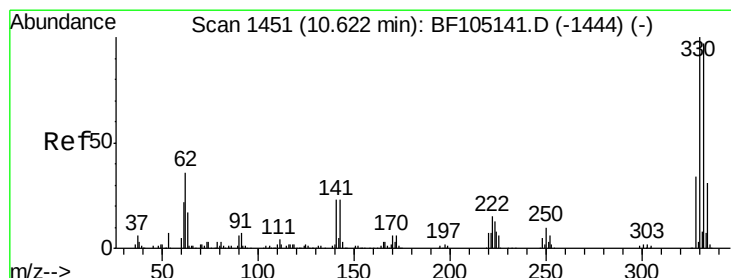
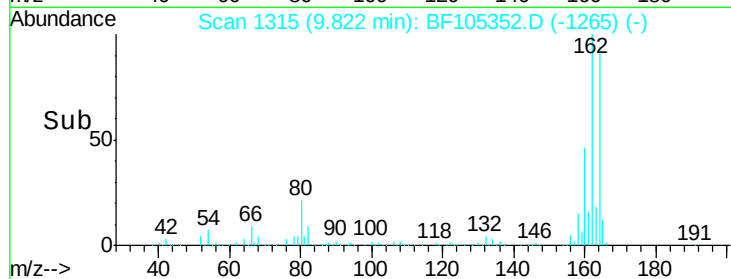
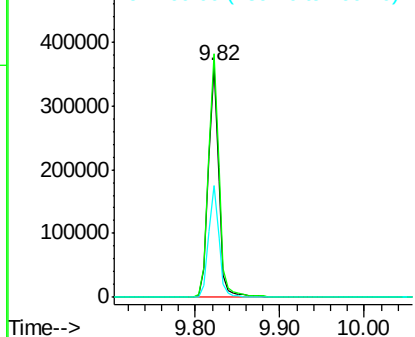
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 314718
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 48.5 38.3 57.5

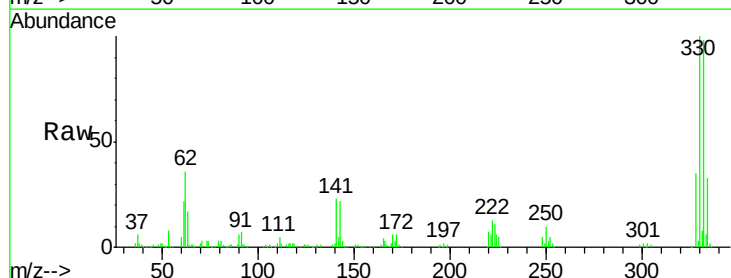


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

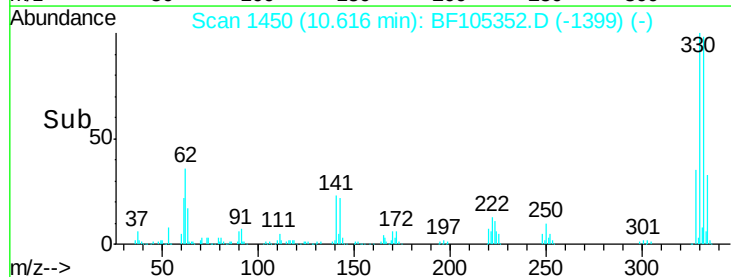
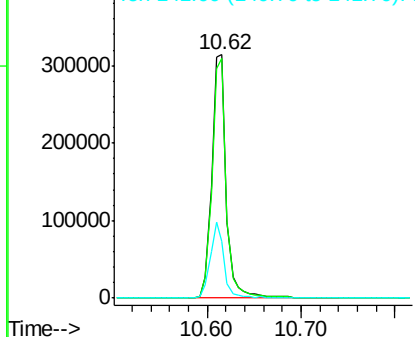


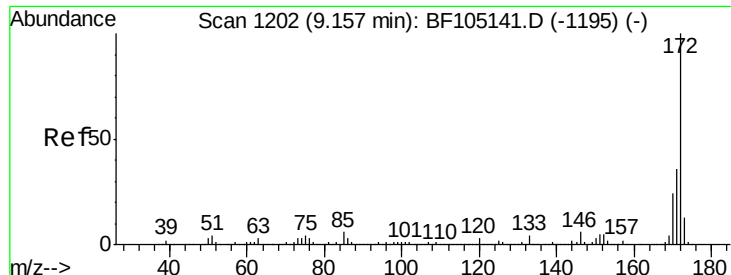
#41
2,4,6-Tribromophenol
Concen: 84.92 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Tgt Ion:330 Resp: 345295
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 30.0 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

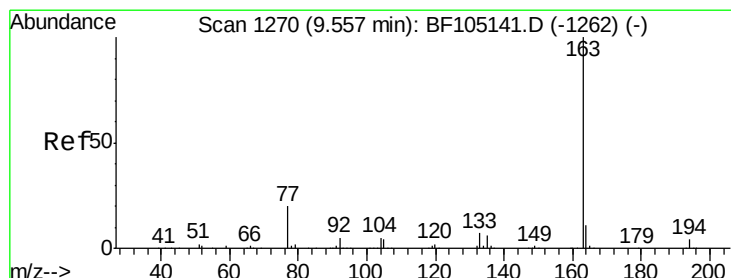
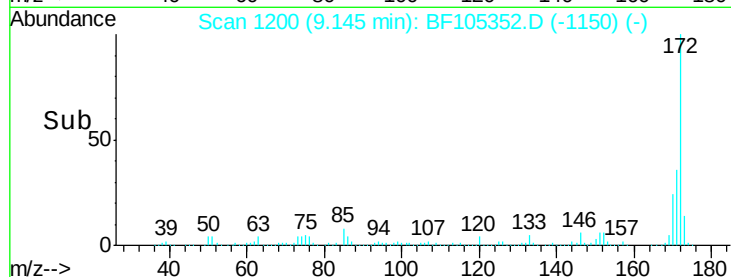
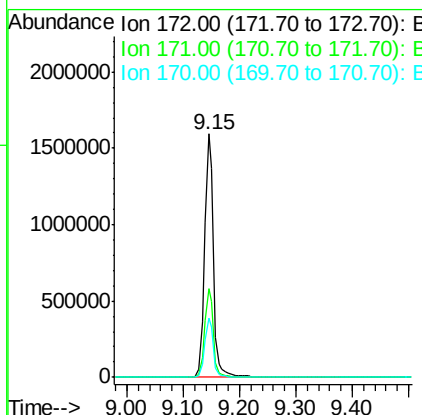
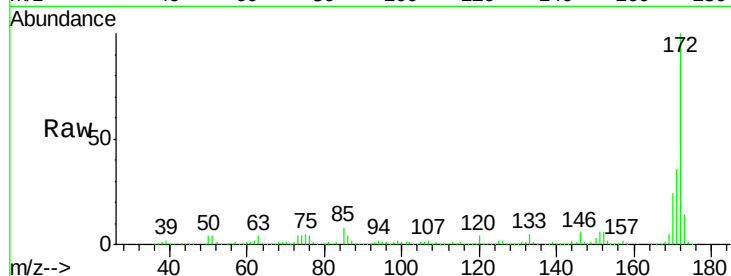




#44
2-Fluorobiphenyl
Concen: 80.91 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

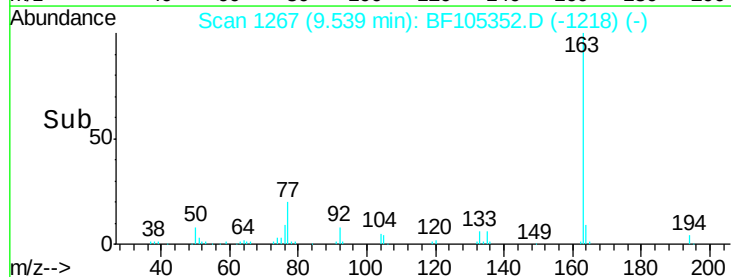
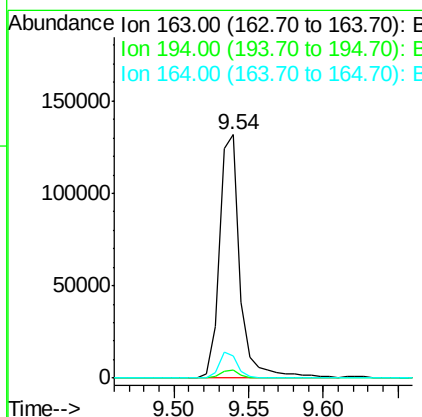
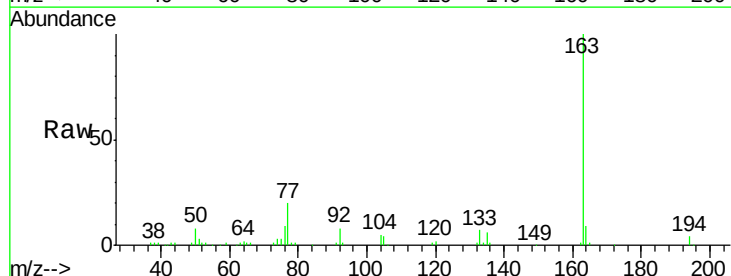
Instrument :
BNA_F
ClientSampleId :

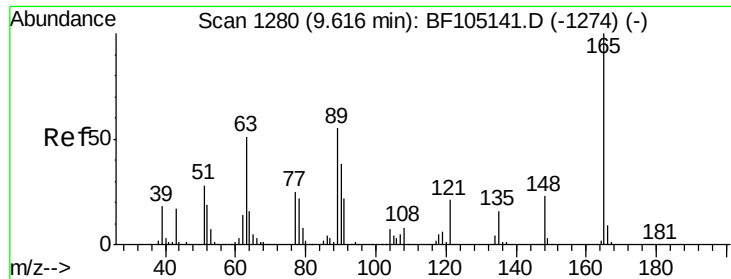
Tot Ion:172 Resp: 1766796
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.28 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Tgt Ion:163 Resp: 127664
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 8.2 12.2

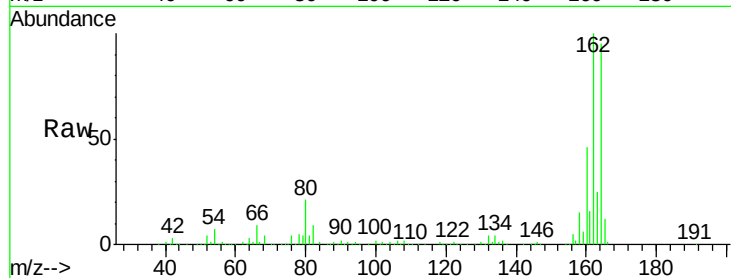




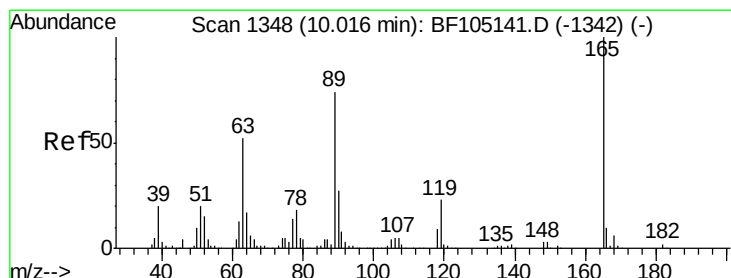
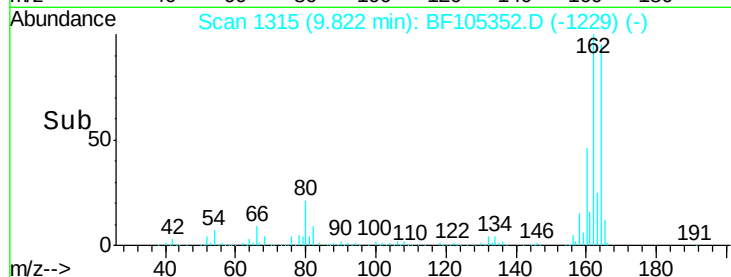
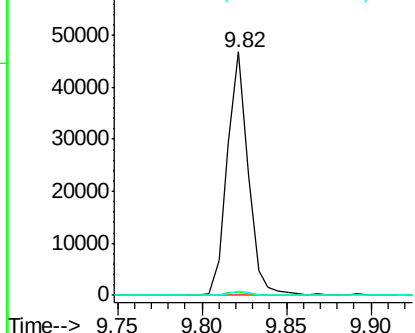
#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



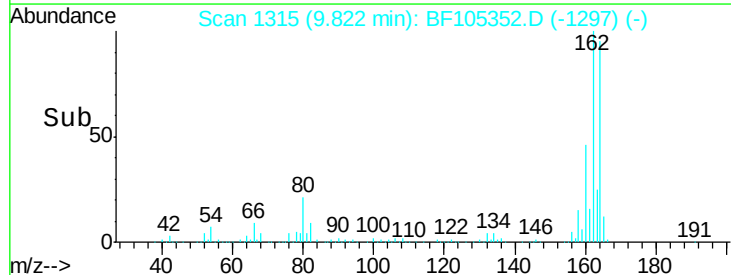
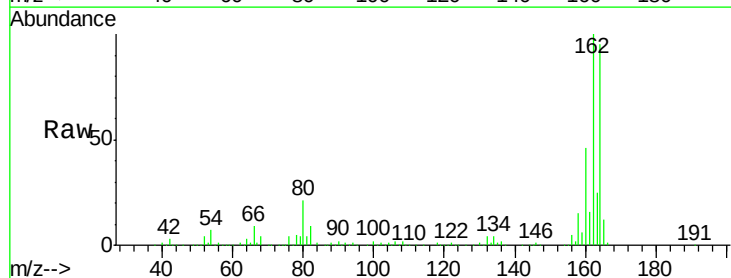
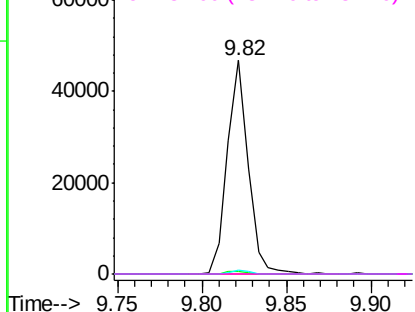
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

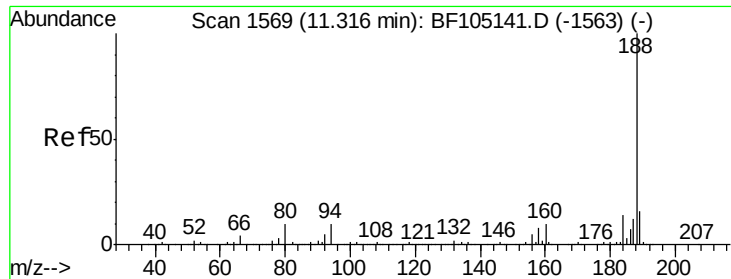


#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

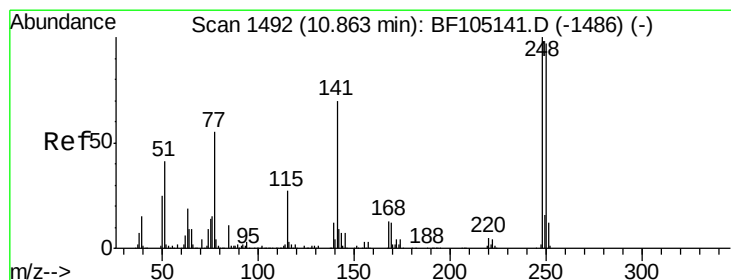
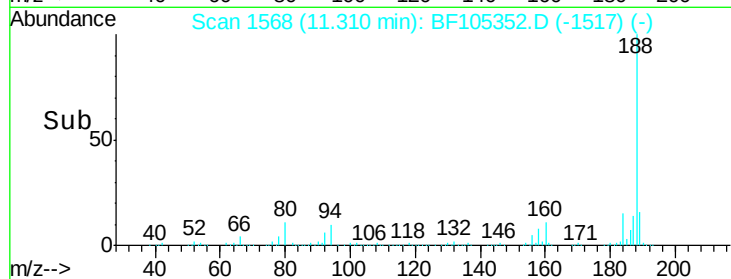
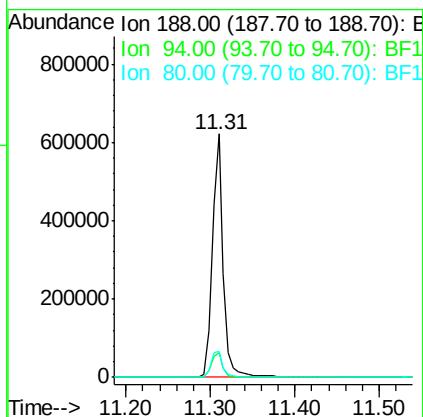
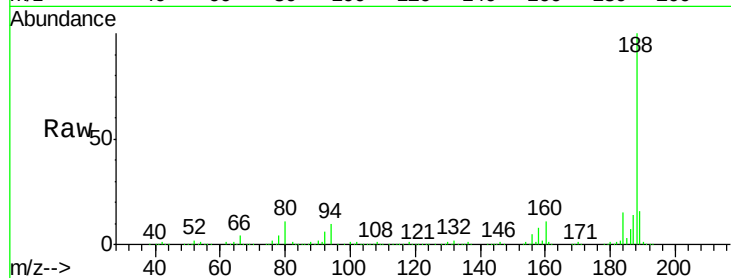




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

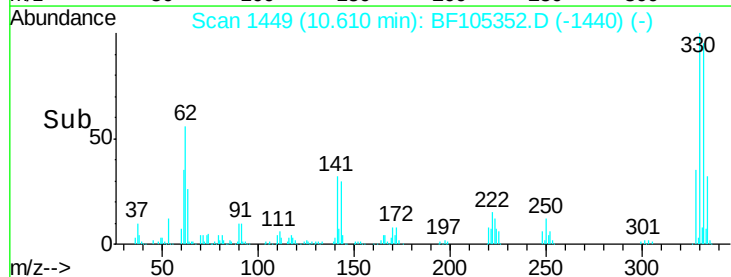
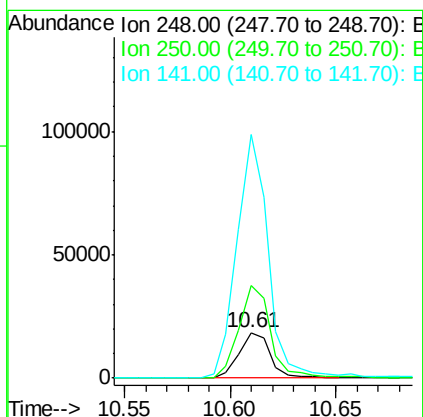
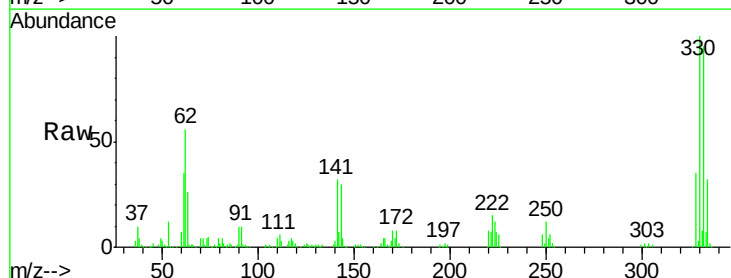
Instrument :
BNA_F
ClientSampleId :

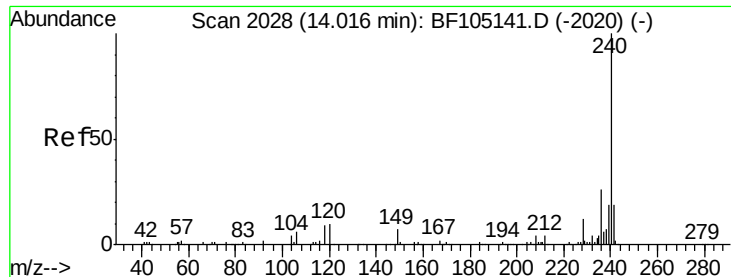
Tot Ion:188 Resp: 570997
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Tgt Ion:248 Resp: 18834
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 531.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

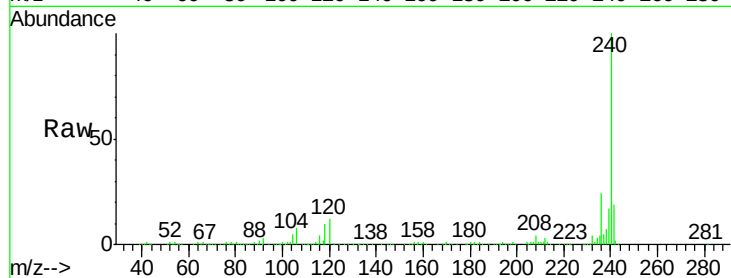
Tot Ion:240 Resp: 376020

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

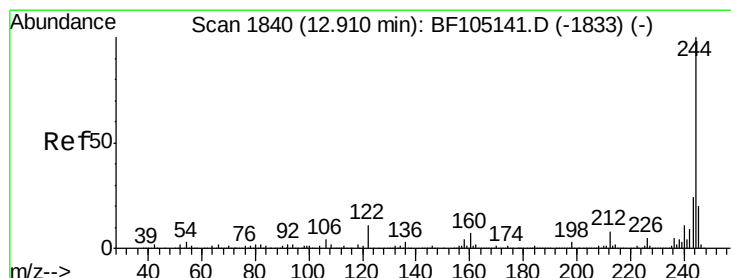
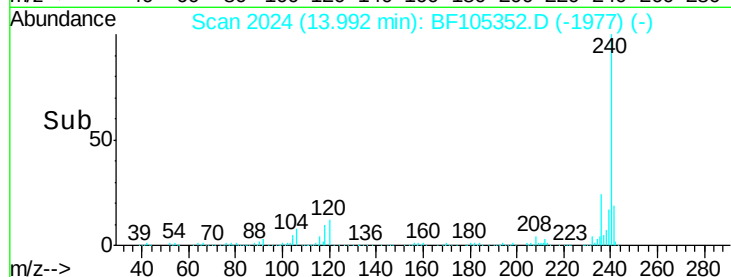
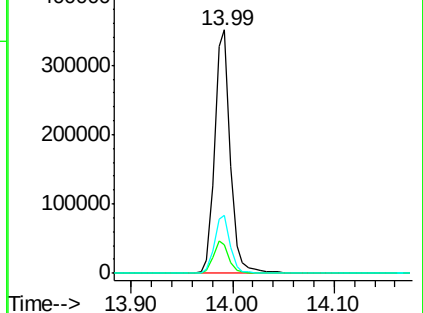
236 23.9 20.7 31.1



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: 94.47 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

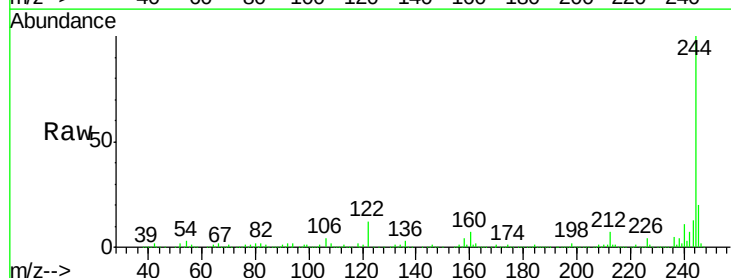
Tgt Ion:244 Resp: 1652515

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

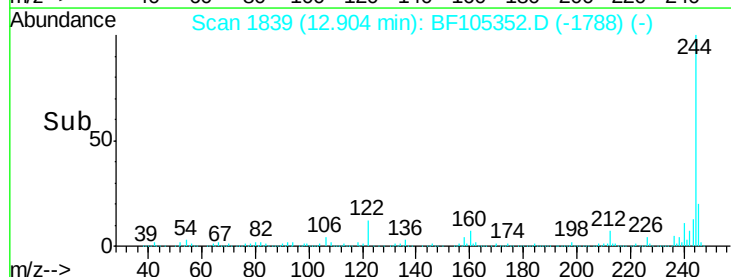
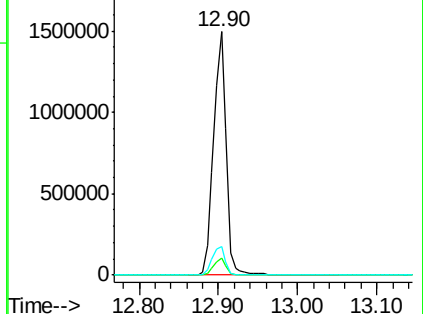
122 11.8 11.0 16.4

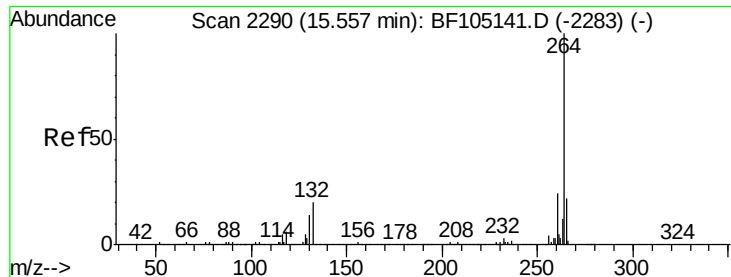


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3

