

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105346.D
 Acq On : 12 May 2018 19:06
 Operator : JU/SJ
 Sample : J2835-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:52:45 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

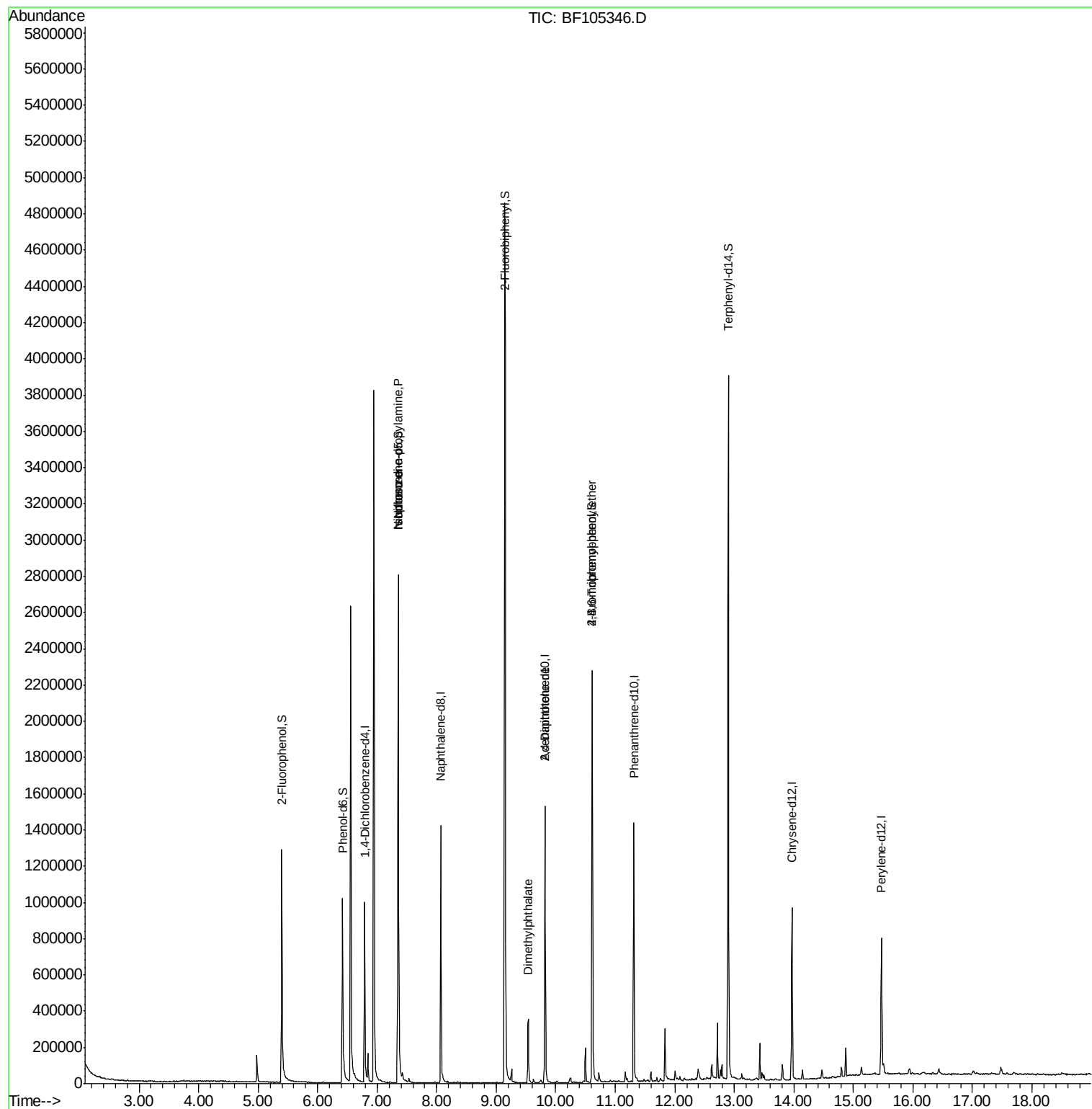
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	156825	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	655982	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	289344	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	514168	20.00	ng	0.00
75) Chrysene-d12	13.97	240	325260	20.00	ng	-0.05
86) Perylene-d12	15.47	264	363204	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	433180	41.54	ng	0.00
7) Phenol-d6	6.42	99	380633	30.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	1102266	97.80	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	331105	88.57	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1768415	88.09	ng	0.00
78) Terphenyl-d14	12.90	244	1555584	102.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	147977	18.90	ng	# 81
25) Isophorone	7.36	82	1102261	51.67	ng	# 64
49) Dimethylphthalate	9.54	163	153953	6.93	ng	99
56) 2,4-Dinitrotoluene	9.82	165	35862	5.64	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	18521	3.24	ng	# 1

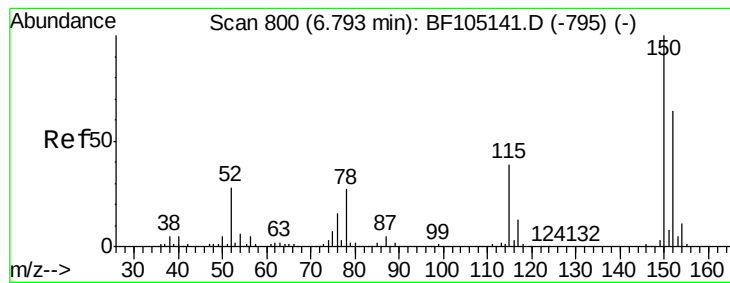
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105346.D
Acq On : 12 May 2018 19:06
Operator : JU/SJ
Sample : J2835-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 14 06:52:45 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



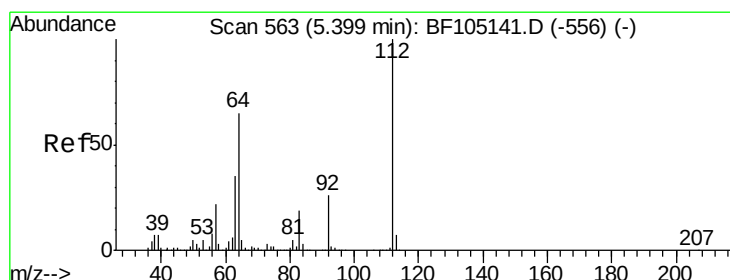
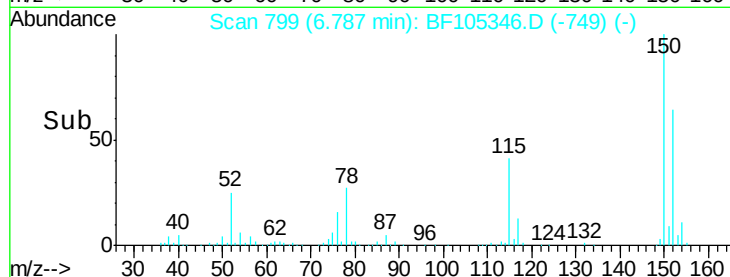
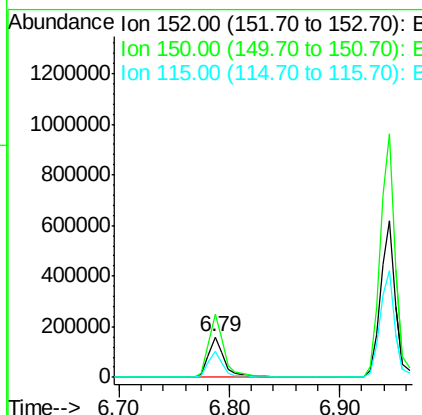
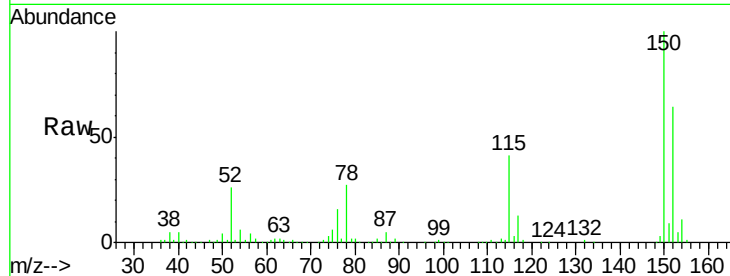


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Instrument :
BNA_F
ClientSampleId :

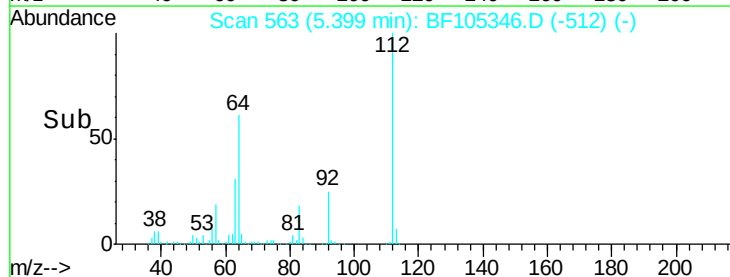
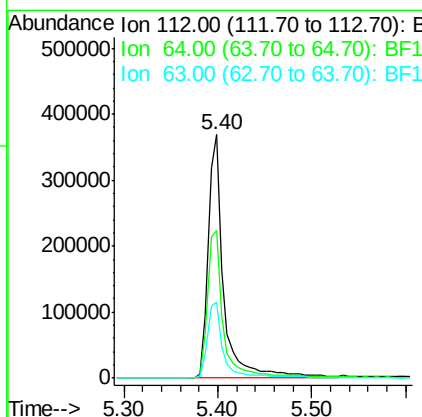
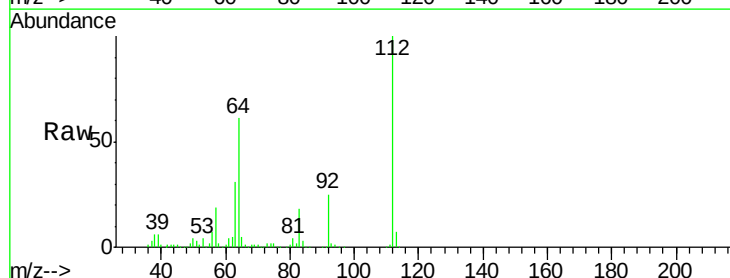
Tot Ion:152 Resp: 156825
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 64.5 50.1 75.1

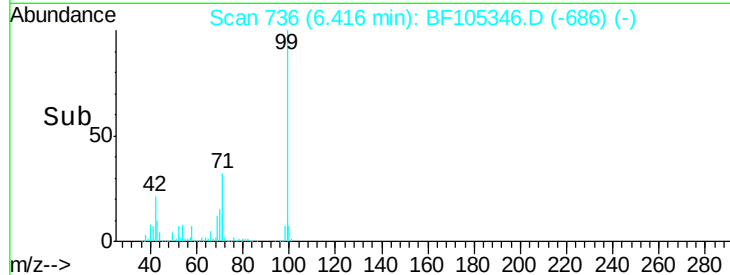
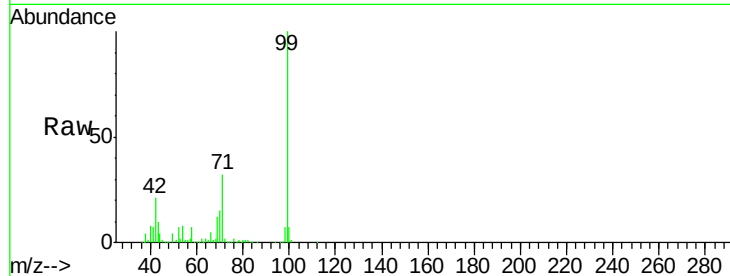
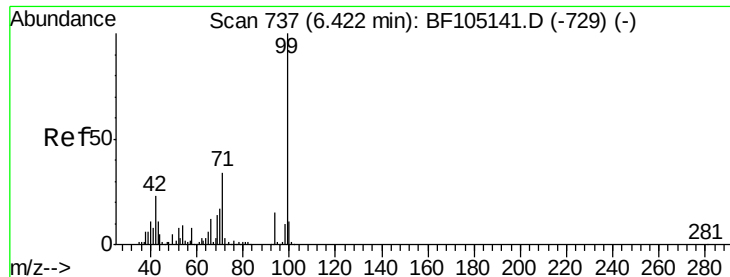


#5

2-Fluorophenol
Concen: 41.54 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Tgt Ion:112 Resp: 433180
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 30.72 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

Instrument :

BNA_F

ClientSampled :

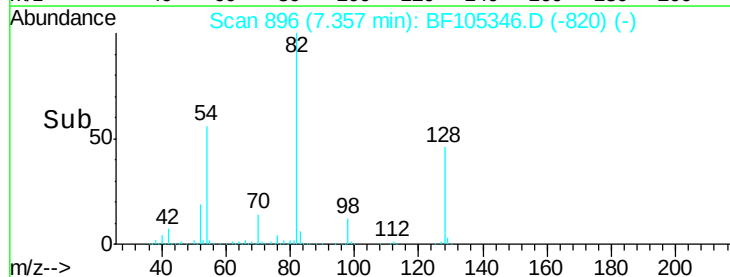
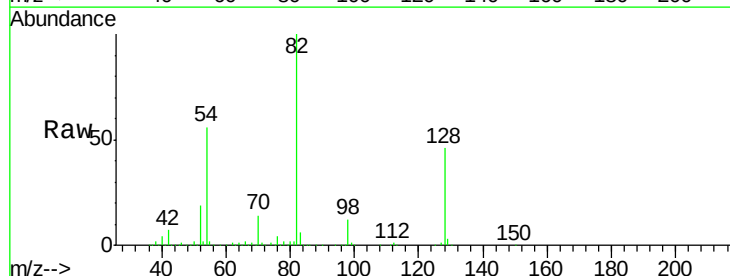
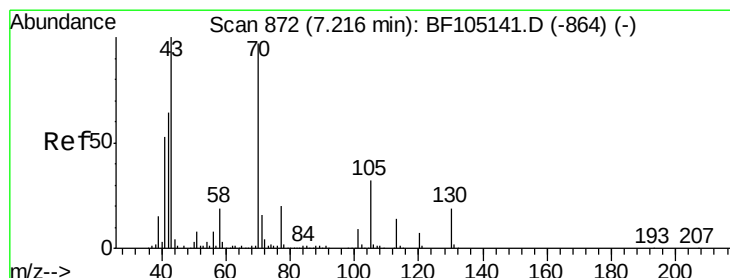
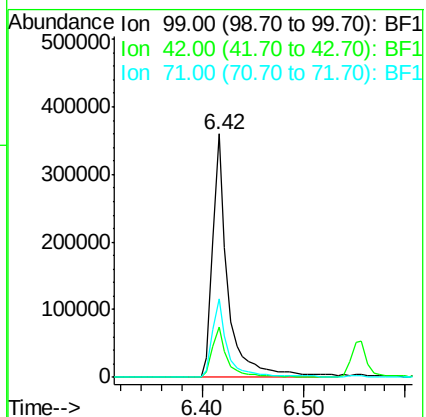
Tot Ion: 99 Resp: 380633

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.90 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

Tgt Ion: 70 Resp: 147977

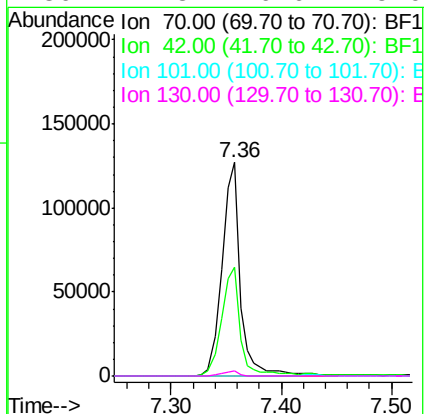
Ion Ratio Lower Upper

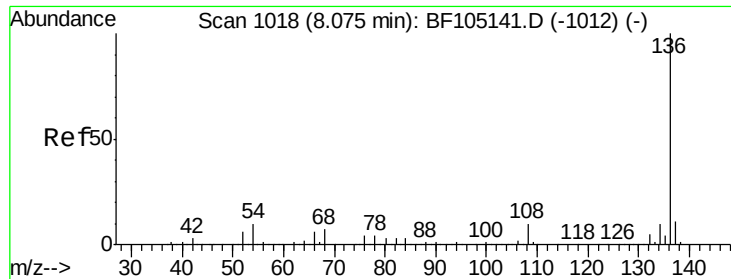
70 100

42 51.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

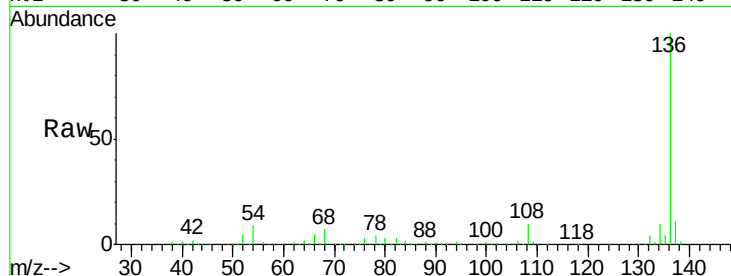




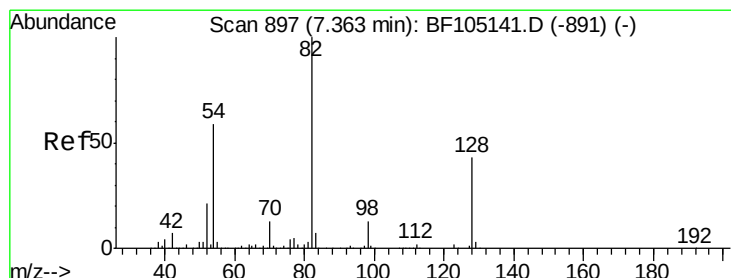
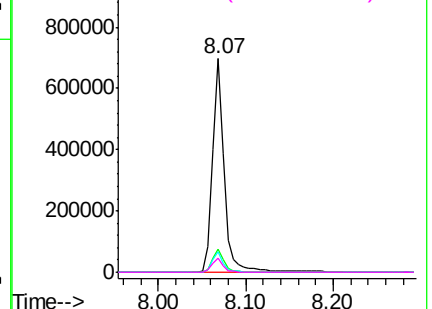
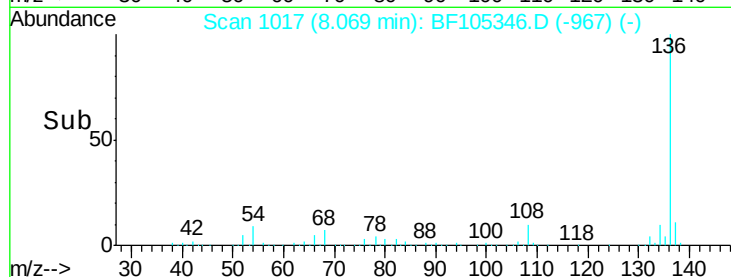
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 655982
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 9.4	6.6 9.8
68 6.5	5.0 7.4

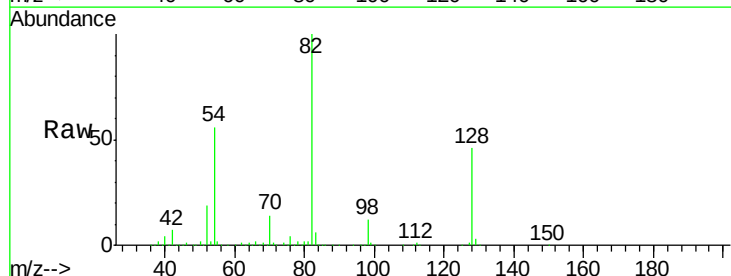


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

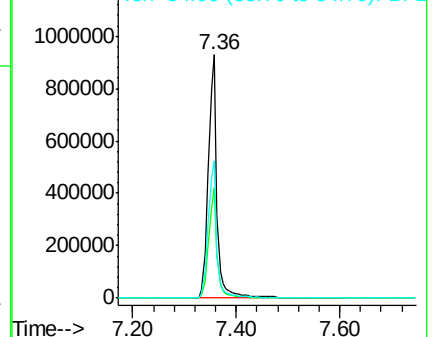
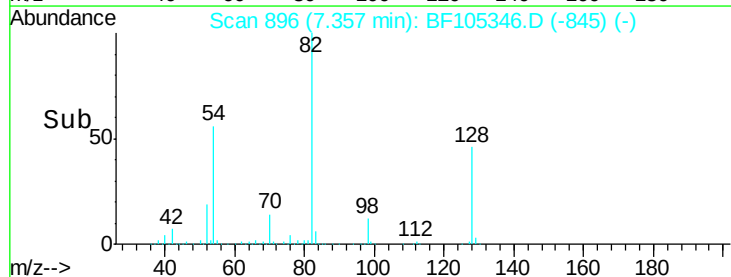


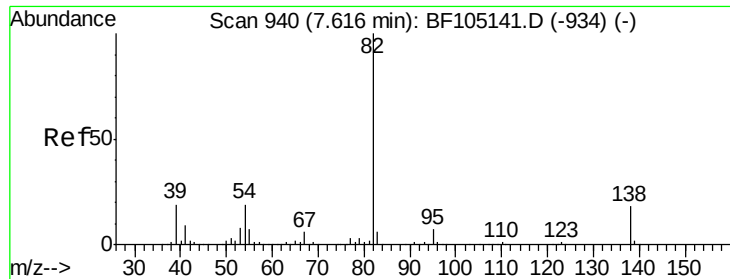
#23
Nitrobenzene-d5
Concen: 97.80 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Tgt Ion: 82	Resp: 1102266
Ion Ratio	Lower Upper
82 100	
128 45.6	36.1 54.1
54 56.3	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: 51.67 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

Instrument :

BNA_F

ClientSampleID :

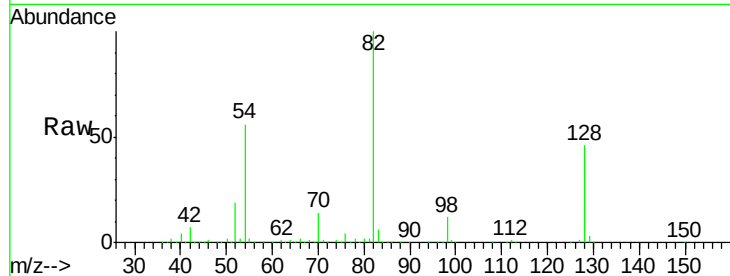
Tot Ion: 82 Resp: 1102261

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

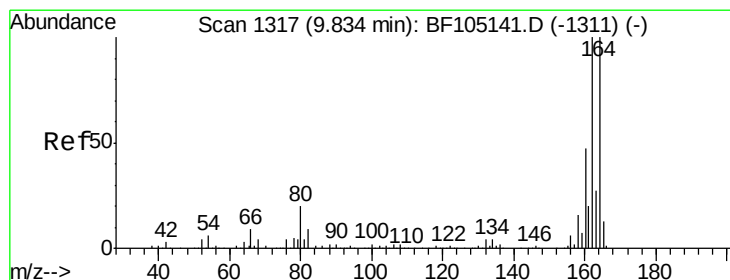
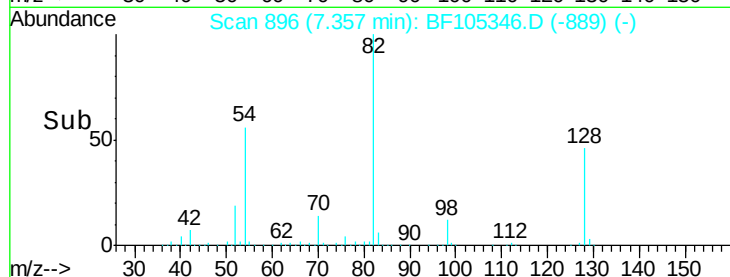
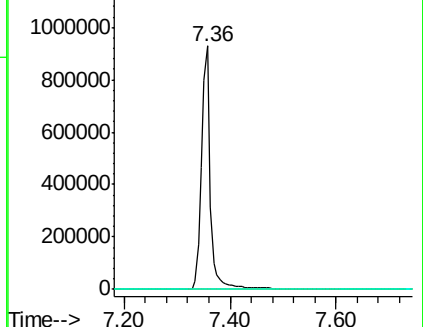
138 0.0 14.9 22.3#



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: BF105346.D

Acq: 12 May 2018 19:06

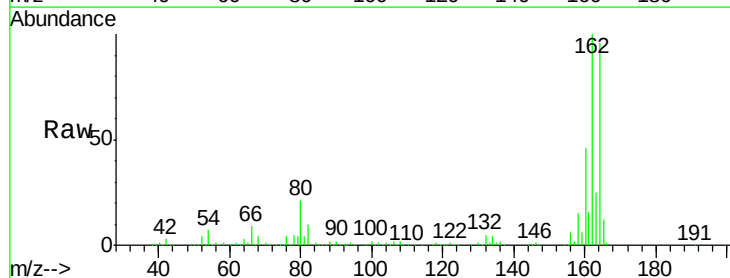
Tgt Ion:164 Resp: 289344

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

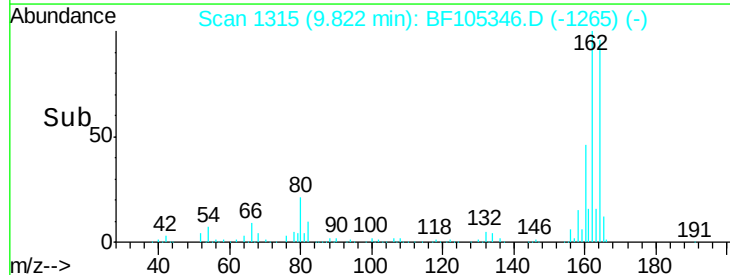
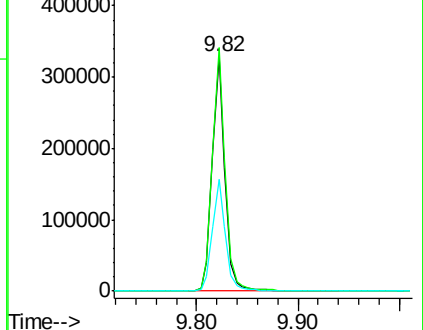
160 47.6 38.3 57.5

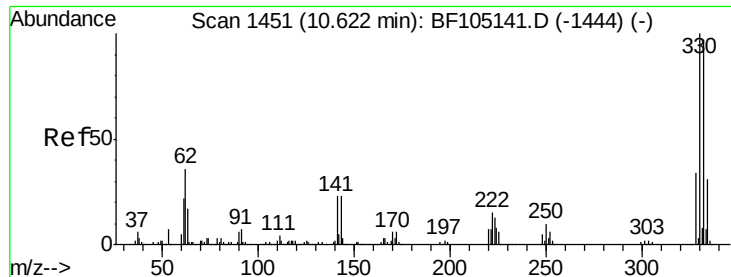


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 88.57 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

Instrument :

BNA_F

ClientSampleId :

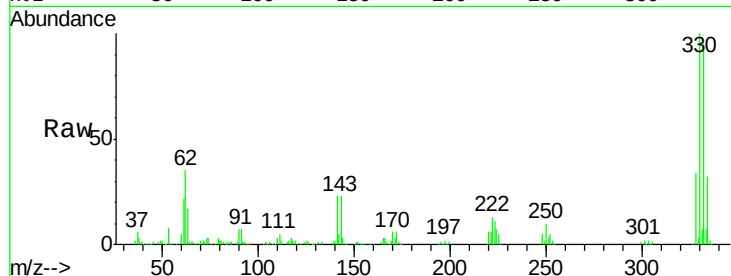
Tot Ion:330 Resp: 331105

Ion Ratio Lower Upper

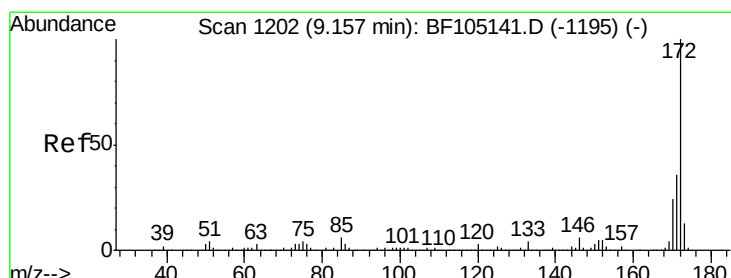
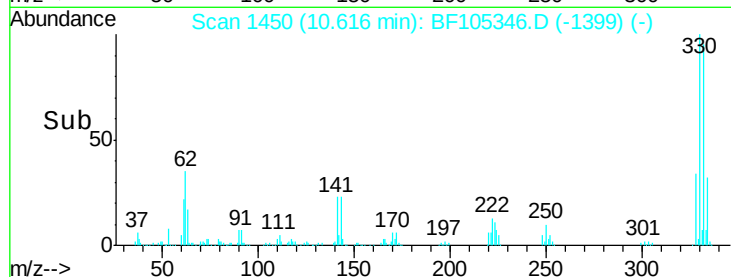
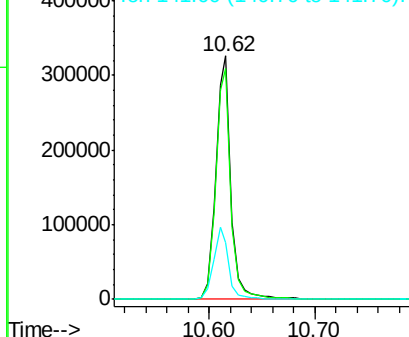
330 100

332 96.1 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: 88.09 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

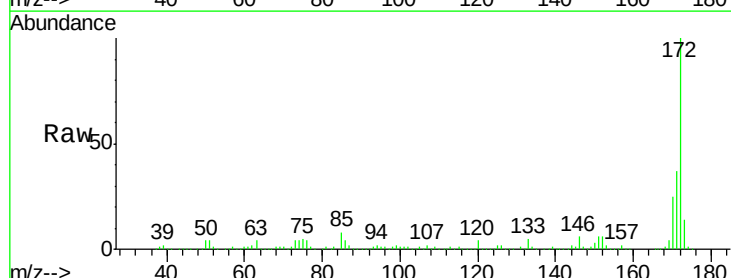
Tgt Ion:172 Resp: 1768415

Ion Ratio Lower Upper

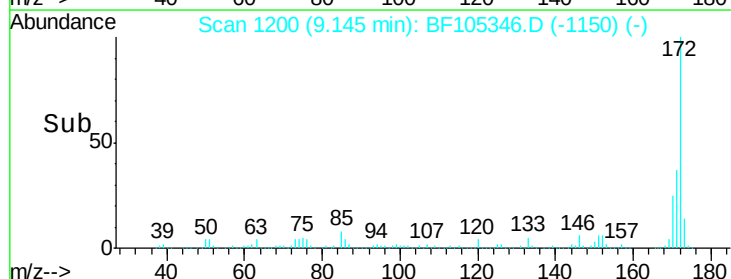
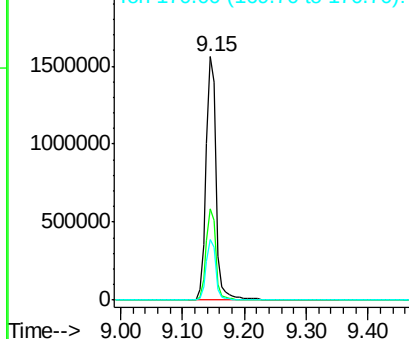
172 100

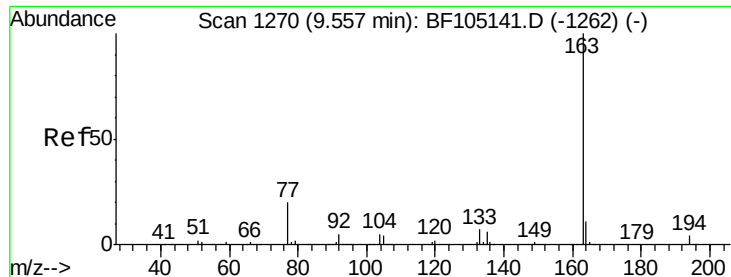
171 37.3 29.7 44.5

170 24.9 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

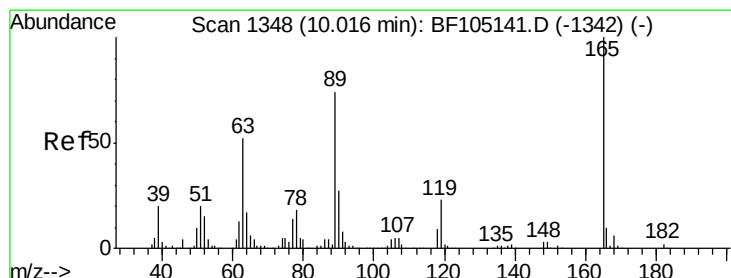
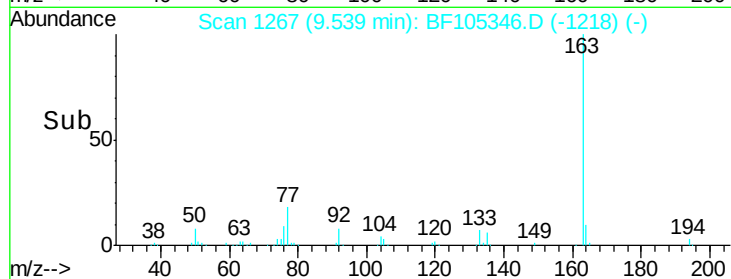
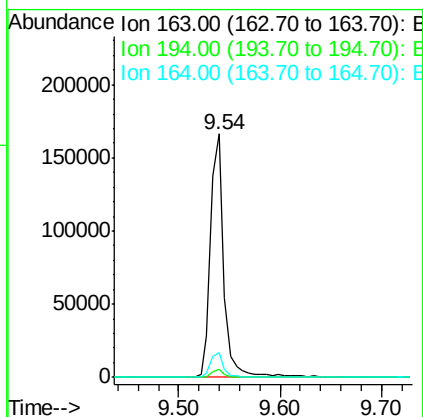
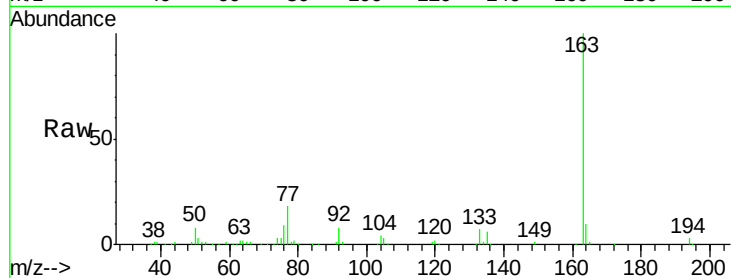




#49
Dimethylphthalate
Concen: 6.93 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

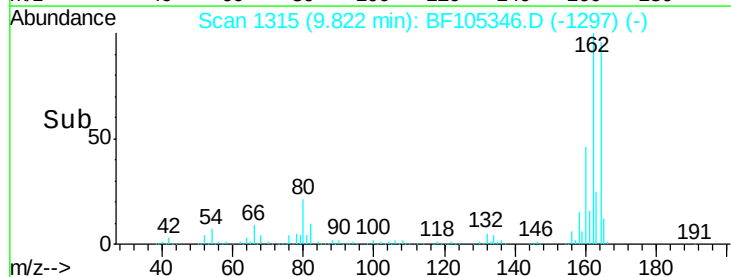
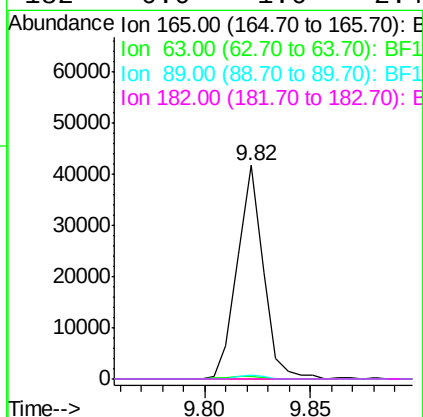
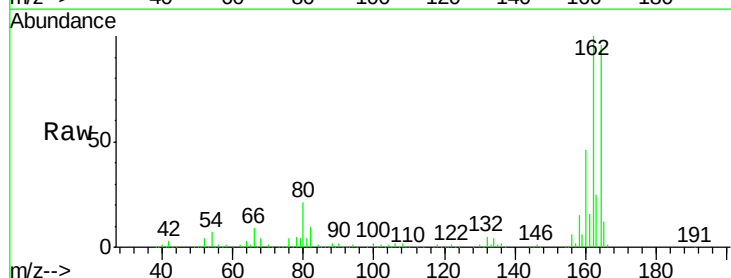
Instrument :
BNA_F
ClientSampleId :

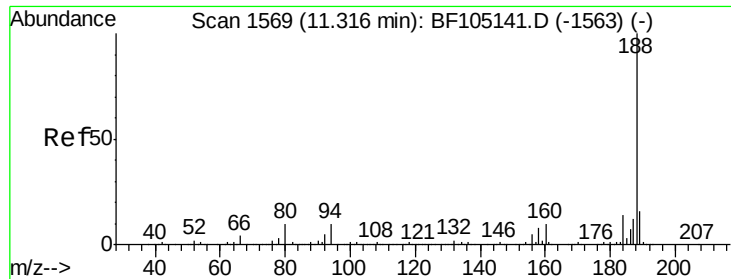
Tot Ion:163 Resp: 153953
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Tgt Ion:165 Resp: 35862
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#

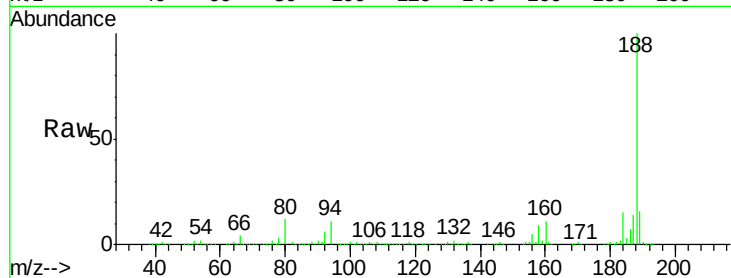




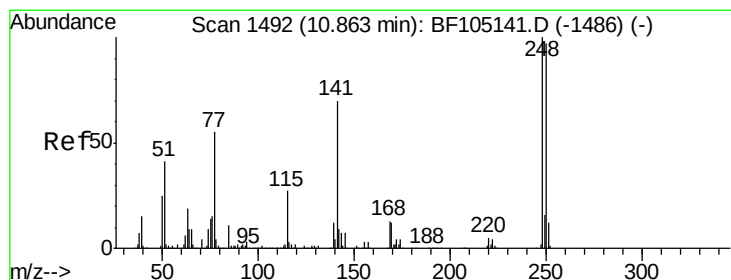
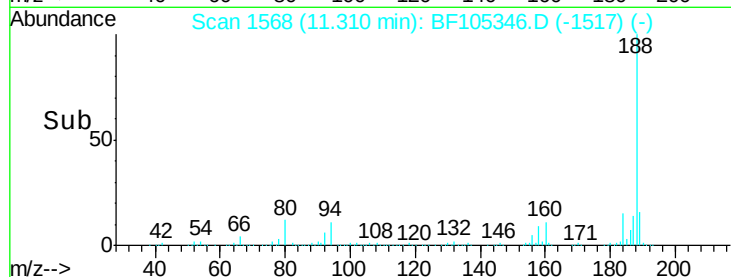
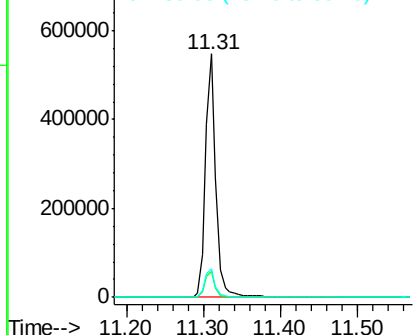
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 514168
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8

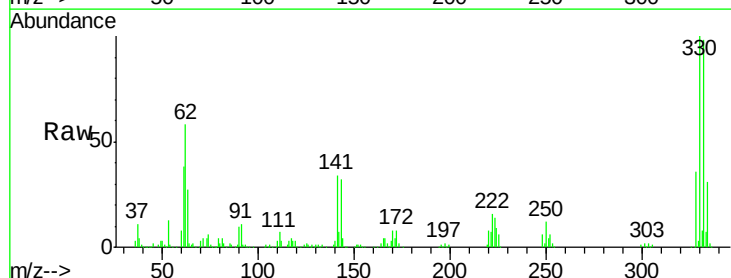


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

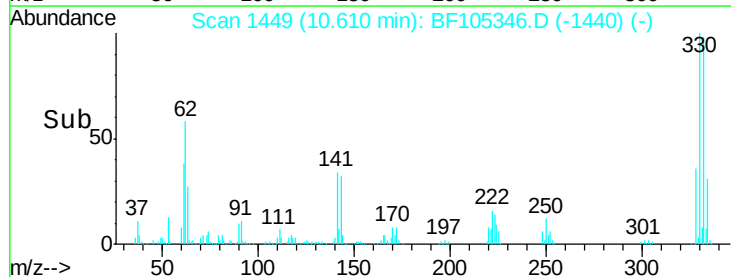
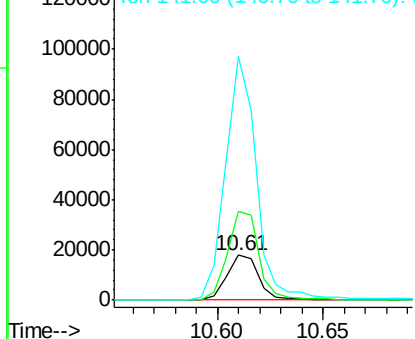


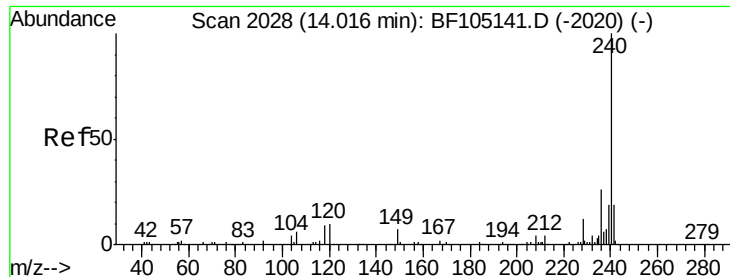
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Tgt Ion:248 Resp: 18521
Ion Ratio Lower Upper
248 100
250 199.0 76.9 115.3#
141 545.7 74.4 111.6#



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: 13.97 min Scan# 2020

Delta R.T. -0.05 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

Instrument :

BNA_F

ClientSampleId :

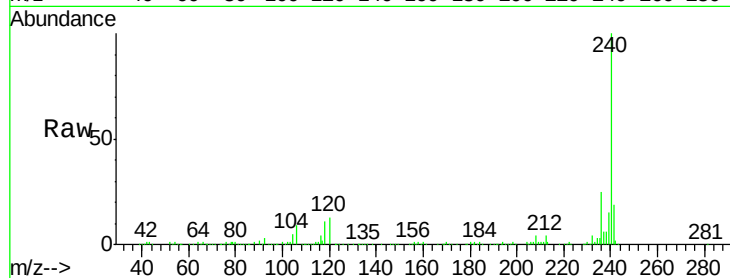
Tot Ion:240 Resp: 325260

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

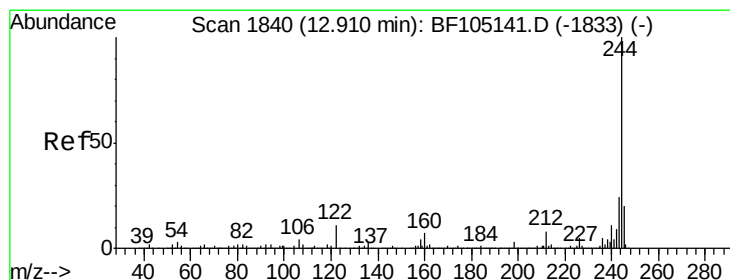
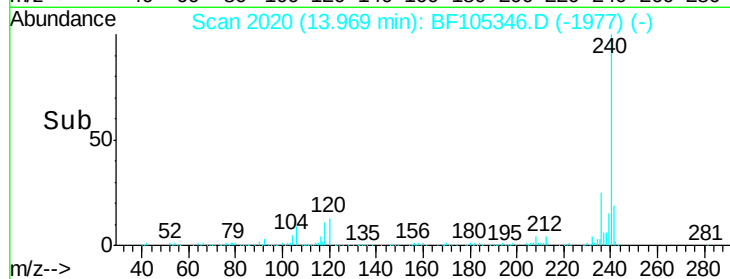
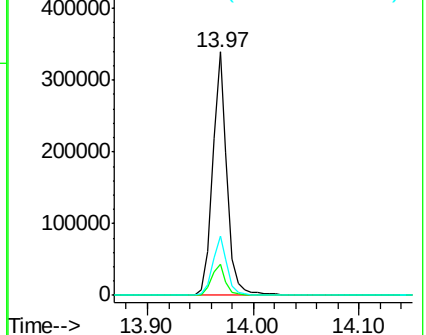
236 24.6 20.7 31.1



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: 102.81 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF105346.D

Acq: 12 May 2018 19:06

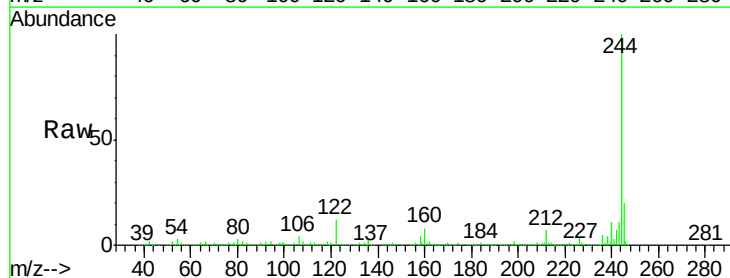
Tgt Ion:244 Resp: 1555584

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

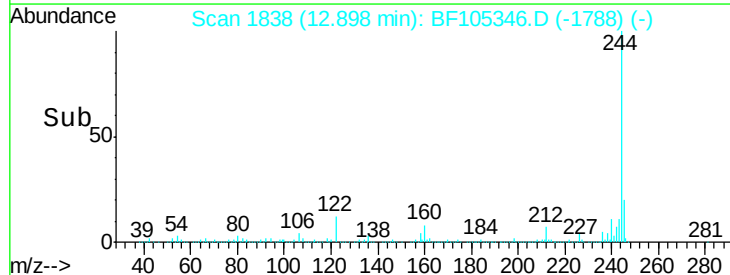
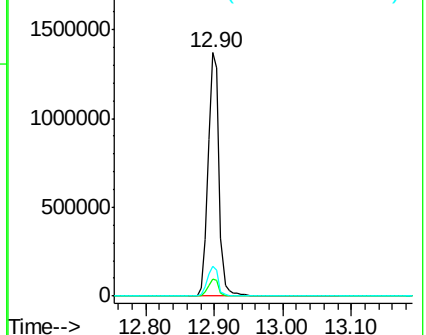
122 12.3 11.0 16.4

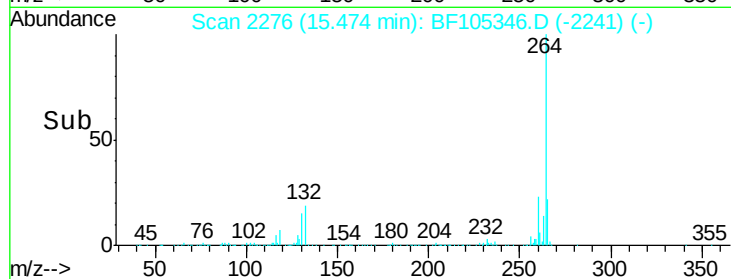
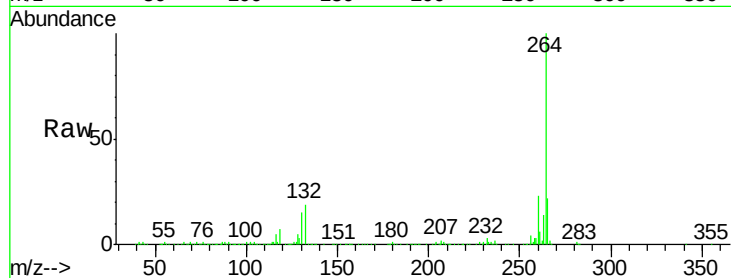
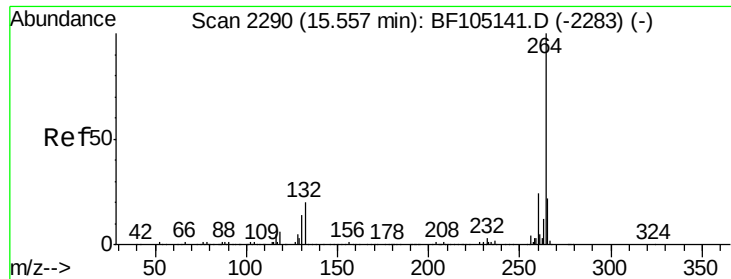


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
Delta R.T. -0.09 min
Lab File: BF105346.D
Acq: 12 May 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	363204
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

