

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105351.D
 Acq On : 12 May 2018 21:16
 Operator : JU/SJ
 Sample : J2834-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:54:34 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

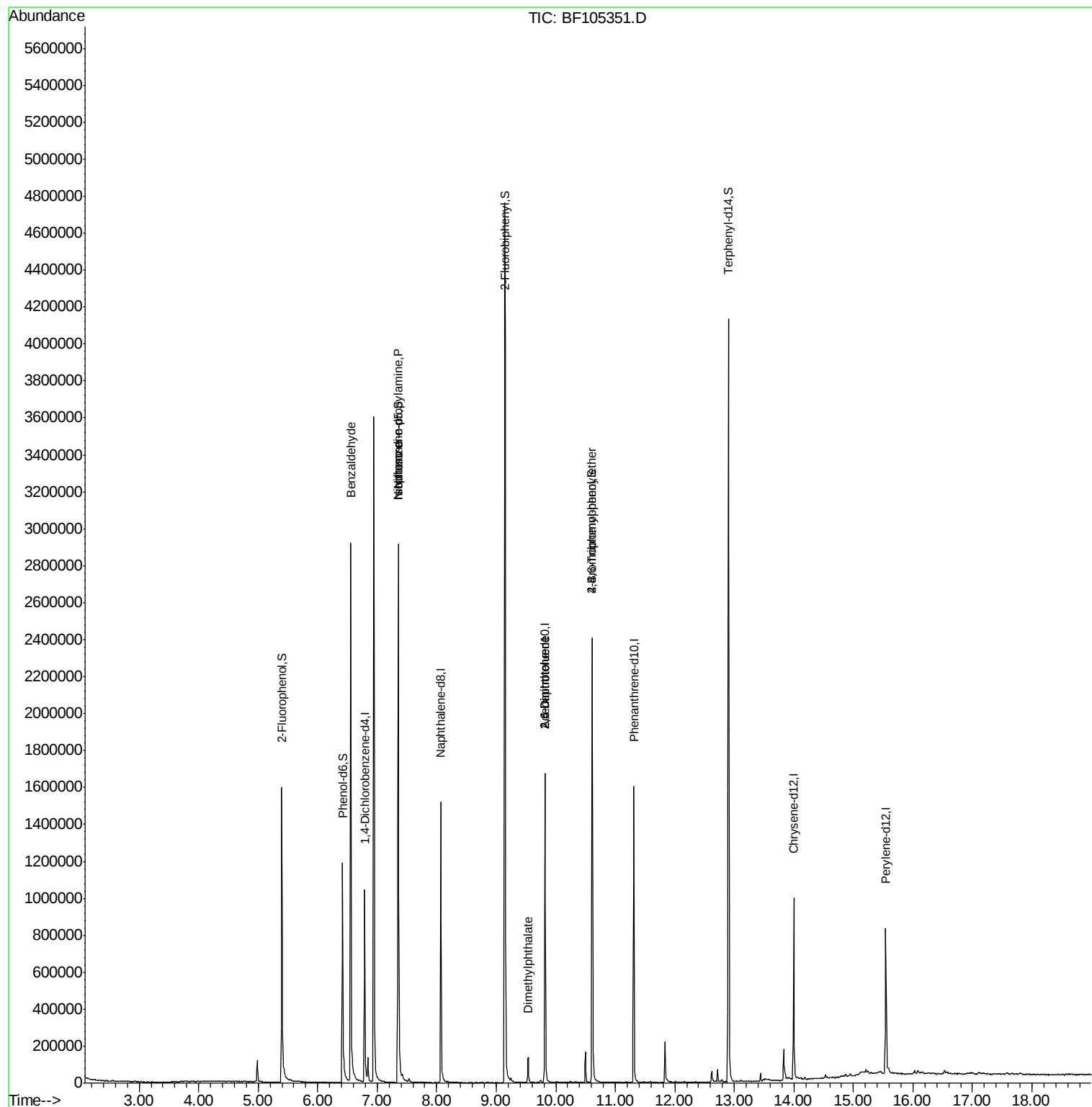
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163025	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	695976	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	317650	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	568432	20.00	ng	0.00
75) Chrysene-d12	14.00	240	355091	20.00	ng	-0.02
86) Perylene-d12	15.55	264	396130	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	496648	45.82	ng	0.00
7) Phenol-d6	6.42	99	426770	33.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	1109465	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	349017	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1749245	79.37	ng	0.00
78) Terphenyl-d14	12.90	244	1655843	100.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	18509	2.11	ng	# 79
19) n-Nitroso-di-n-propylamine	7.36	70	144476	17.75	ng	# 82
25) Isophorone	7.36	82	1109461	49.02	ng	# 64
49) Dimethylphthalate	9.54	163	61191	2.51	ng	100
50) 2,6-Dinitrotoluene	9.82	165	39952	7.44	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	39952	5.72	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	19191	3.03	ng	# 1

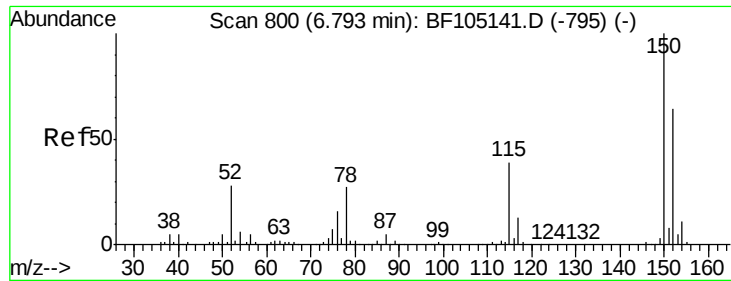
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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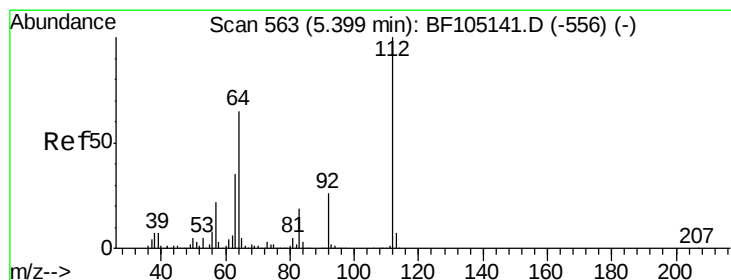
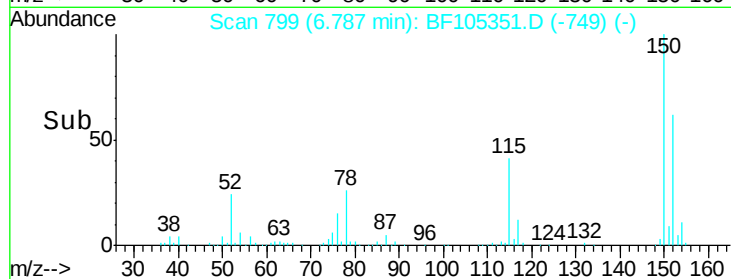
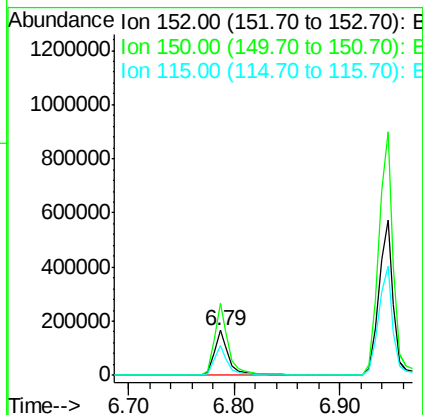
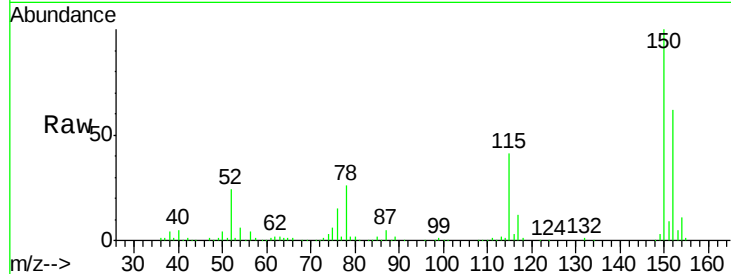


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Instrument :
BNA_F
ClientSampled :

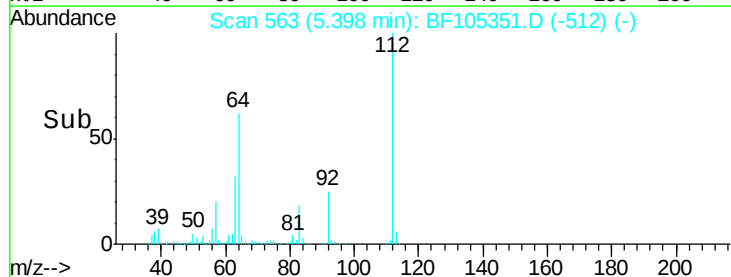
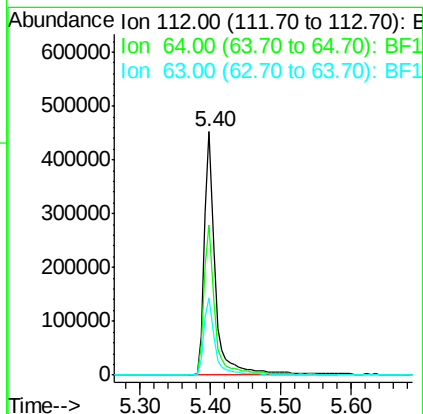
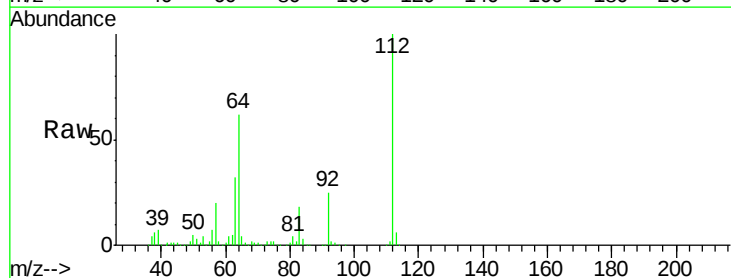
Tot Ion:152 Resp: 163025
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 65.5 50.1 75.1

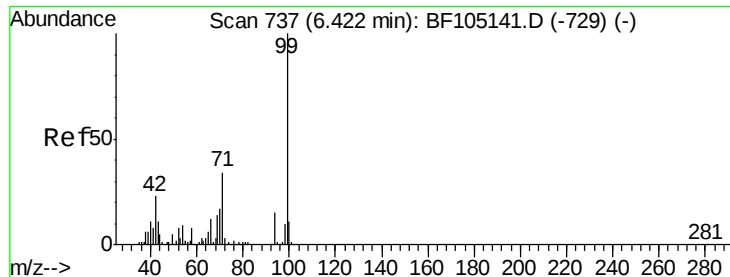


#5

2-Fluorophenol
Concen: 45.82 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion:112 Resp: 496648
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 33.13 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

Instrument :

BNA_F

ClientSampled :

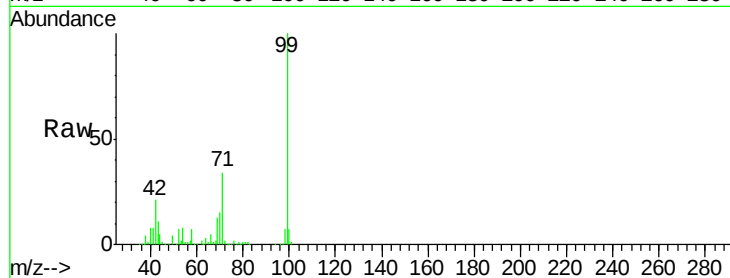
Tot Ion: 99 Resp: 426770

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

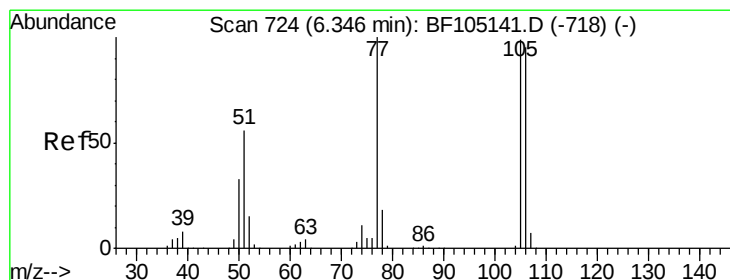
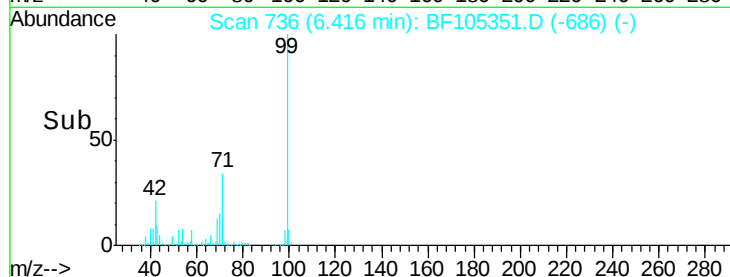
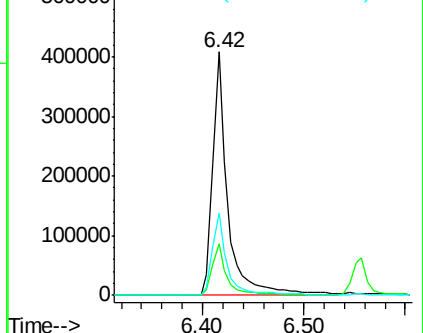
71 33.6 25.4 38.0



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: 2.11 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

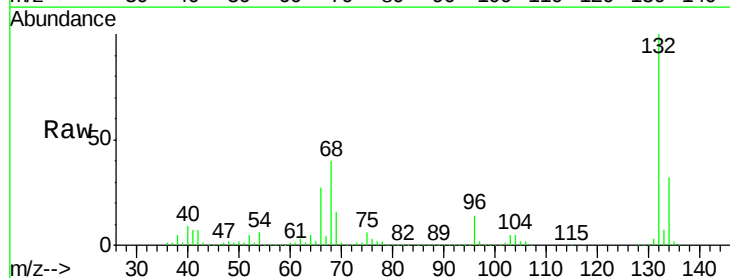
Tgt Ion: 77 Resp: 18509

Ion Ratio Lower Upper

77 100

105 79.4 81.1 121.1#

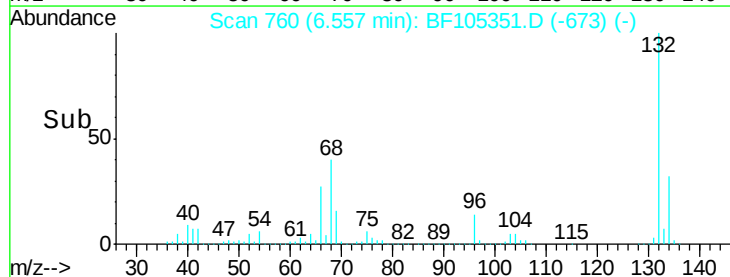
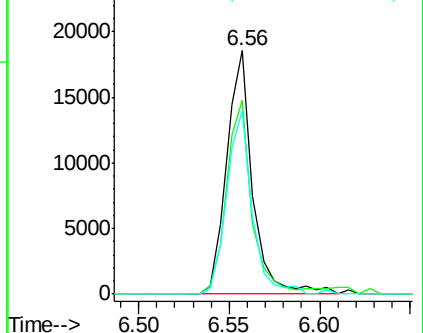
106 75.3 74.5 114.5

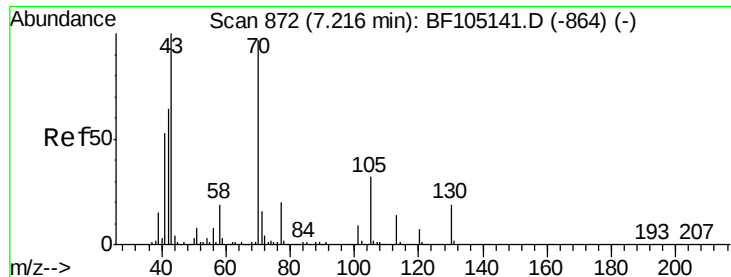


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

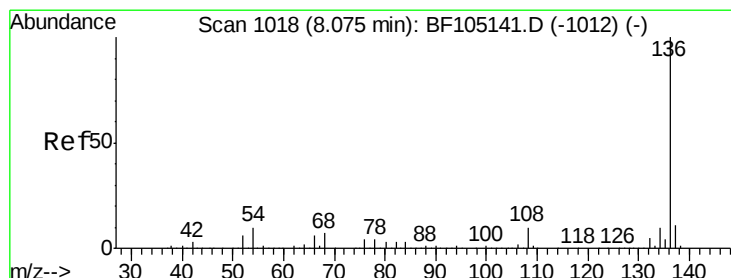
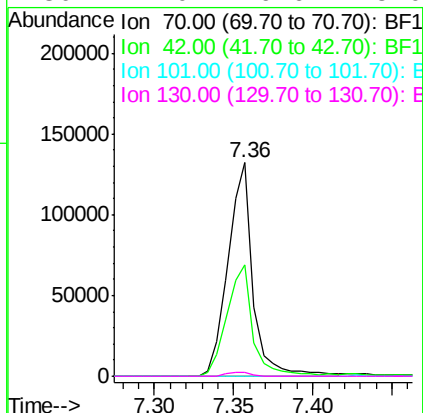
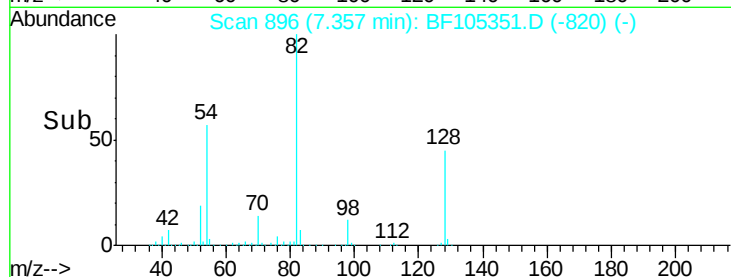
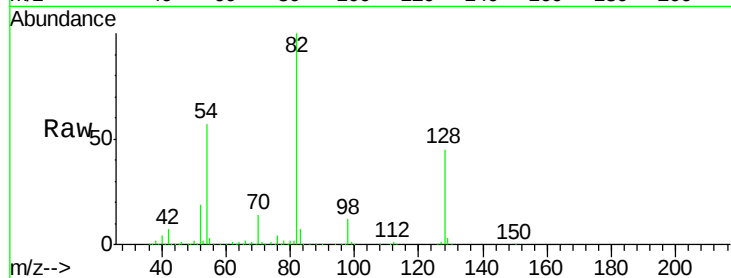




#19
n-Nitroso-di-n-propylamine
Concen: 17.75 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

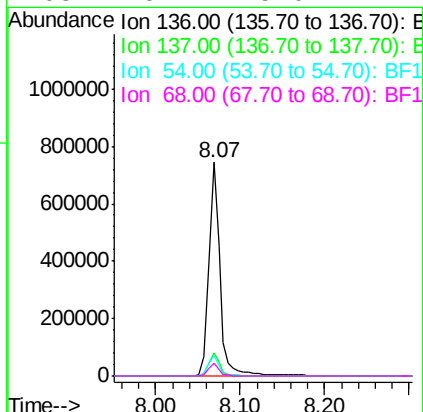
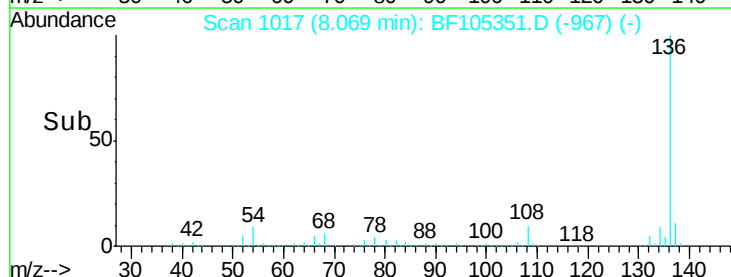
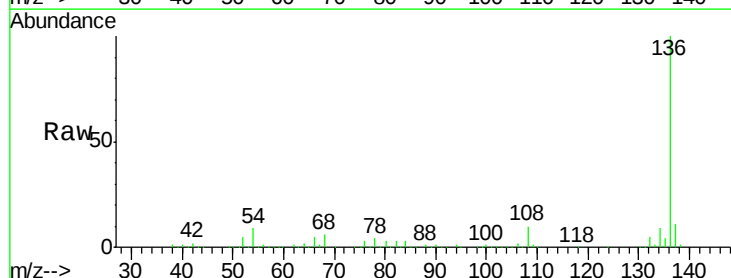
Instrument :
BNA_F
ClientSampleId :

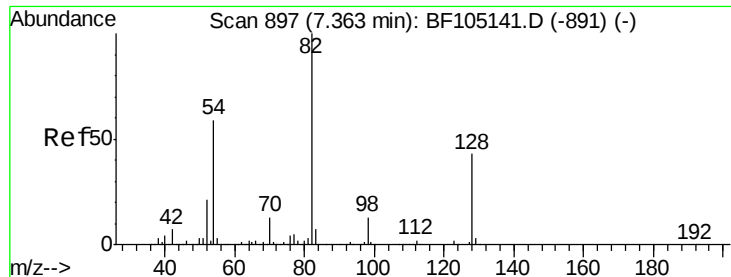
Tot Ion: 70 Resp: 144476
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion: 136 Resp: 695976
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 6.6 9.8
68 6.2 5.0 7.4

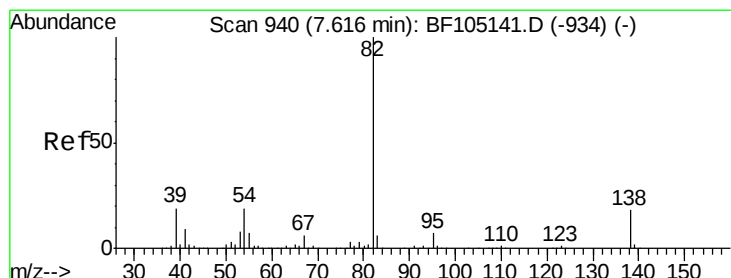
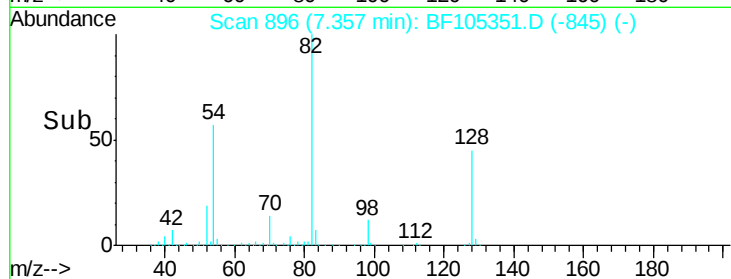
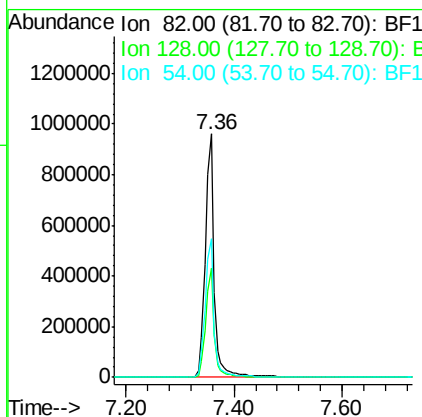
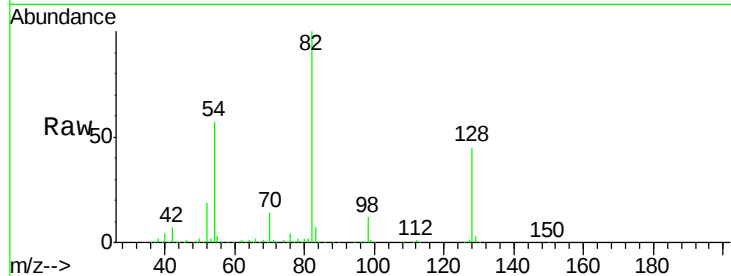




#23
Nitrobenzene-d5
Concen: 92.78 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

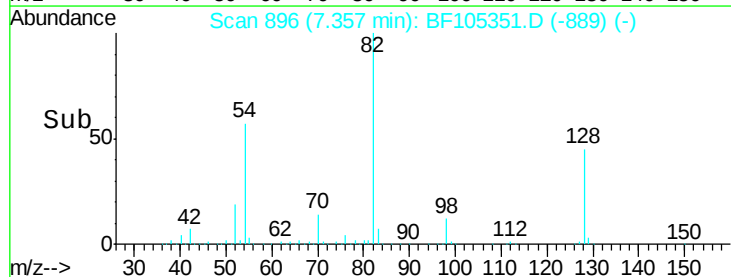
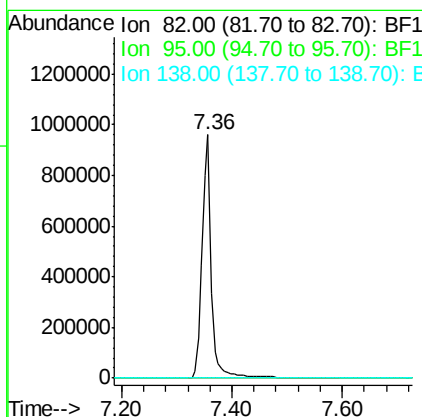
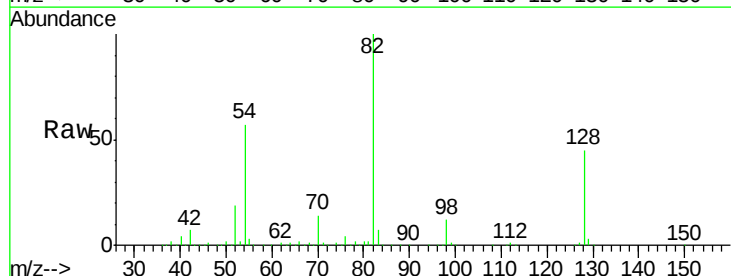
Instrument :
BNA_F
ClientSampleId :

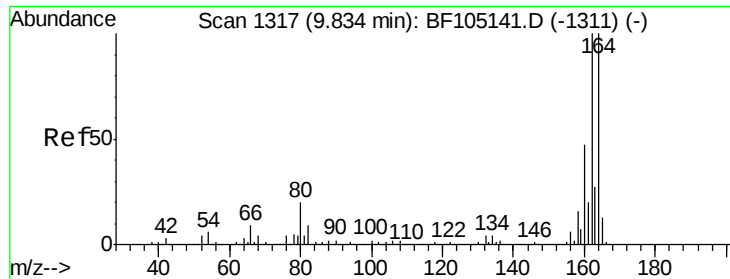
Tot Ion: 82 Resp: 1109465
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 56.9 41.4 62.2



#25
Isophorone
Concen: 49.02 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion: 82 Resp: 1109461
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

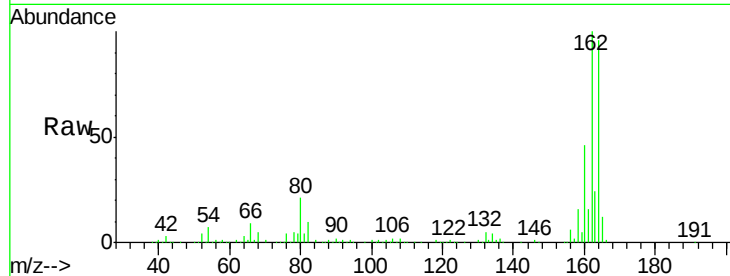




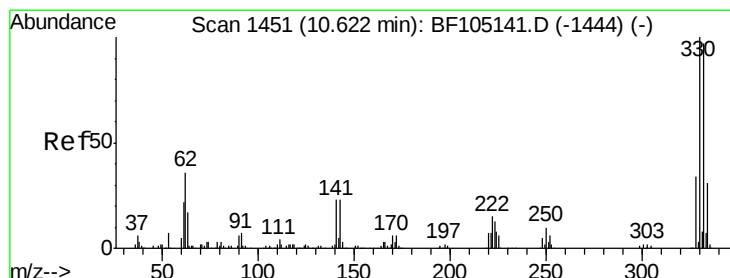
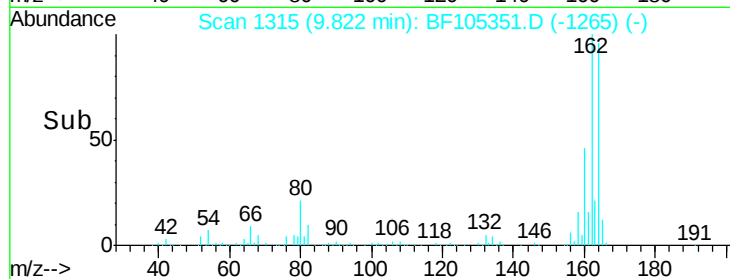
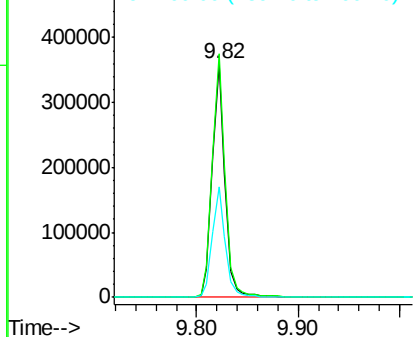
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 317650
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.4 38.3 57.5

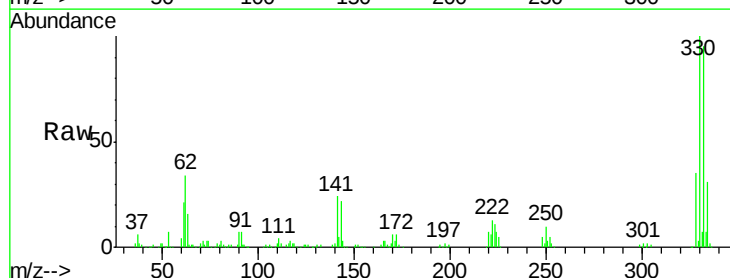


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

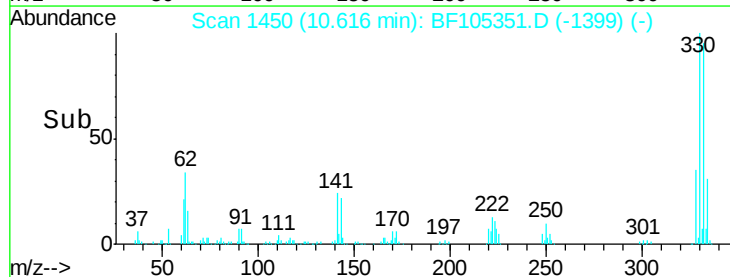
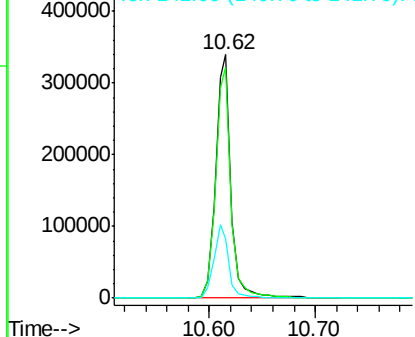


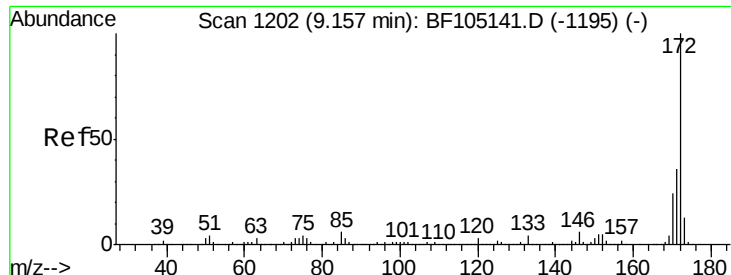
#41
2,4,6-Tribromophenol
Concen: 85.04 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion:330 Resp: 349017
Ion Ratio Lower Upper
330 100
332 95.8 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

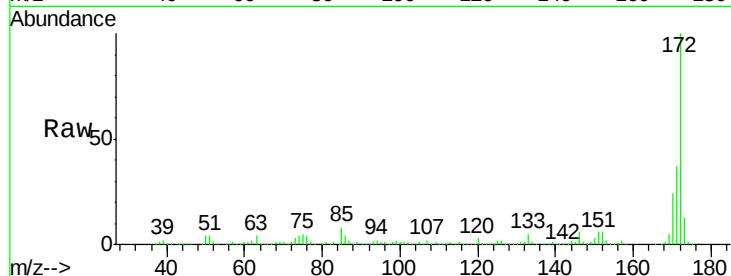




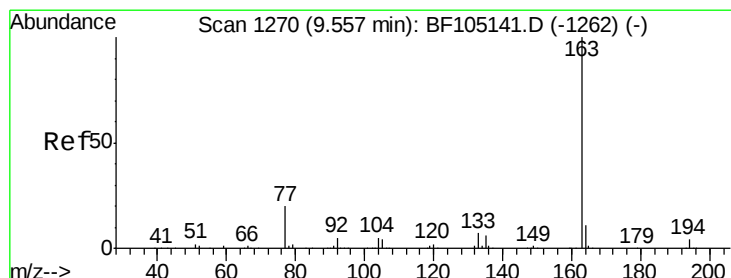
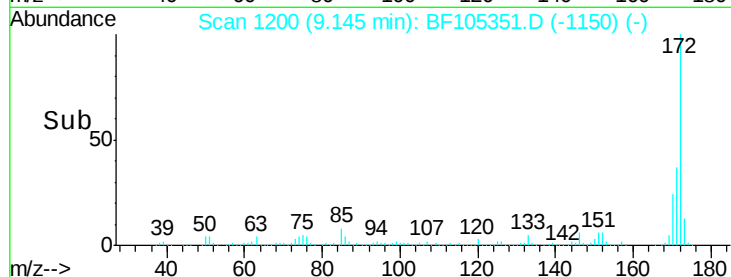
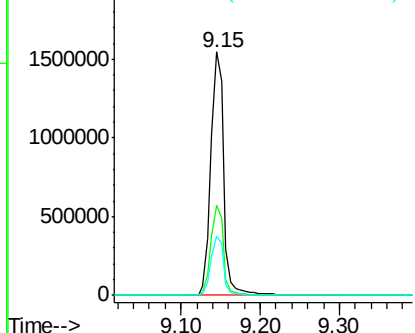
#44
2-Fluorobiphenyl
Concen: 79.37 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1749245
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.3 19.6 29.4

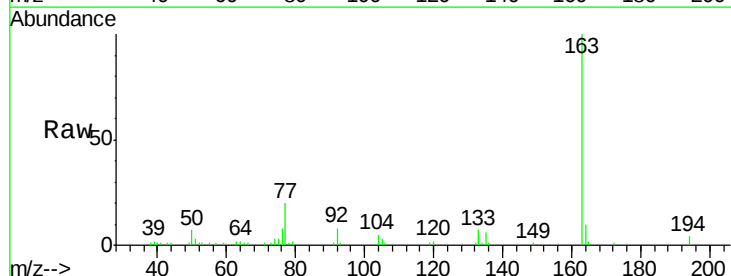


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

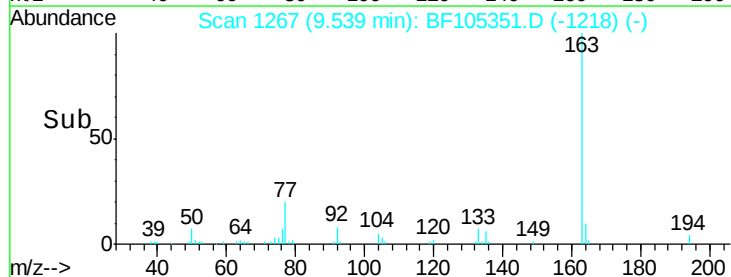
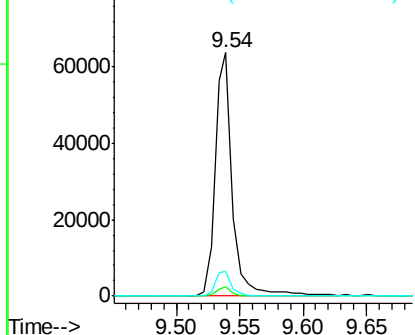


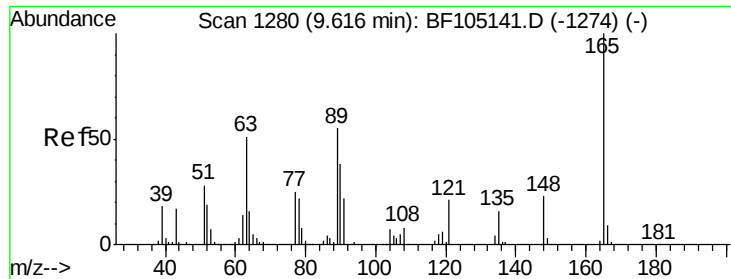
#49
Dimethylphthalate
Concen: 2.51 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion:163 Resp: 61191
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 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

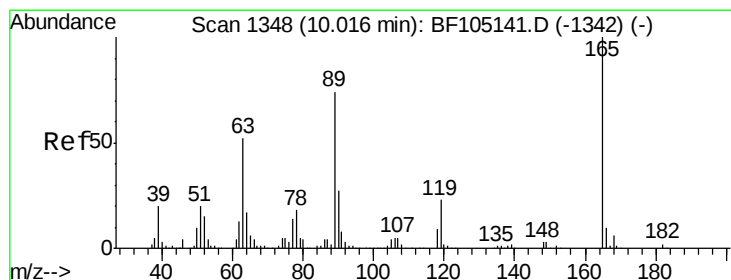
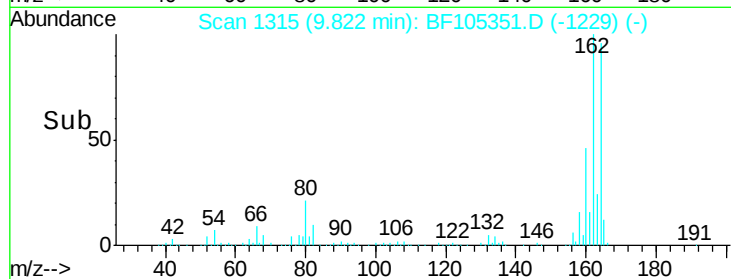
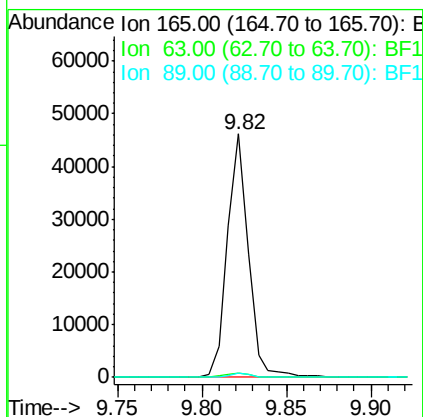
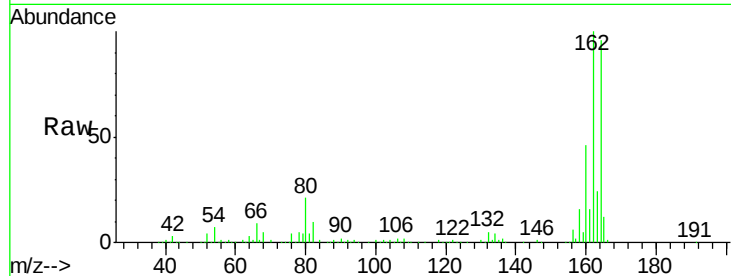




#50
 2,6-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

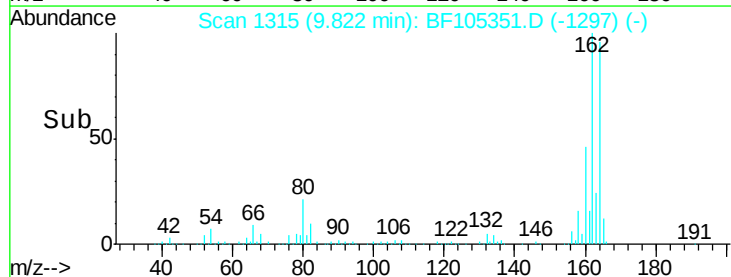
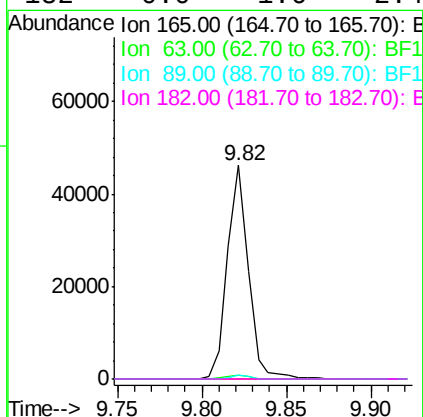
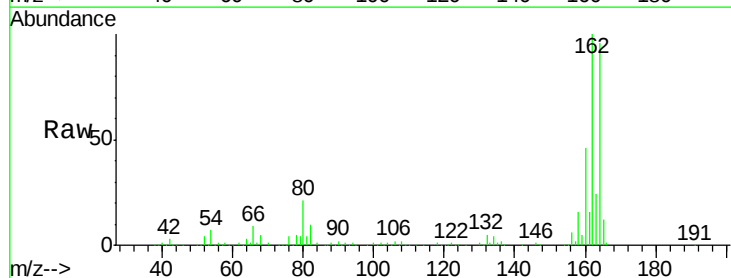
Instrument :
 BNA_F
 ClientSampleId :

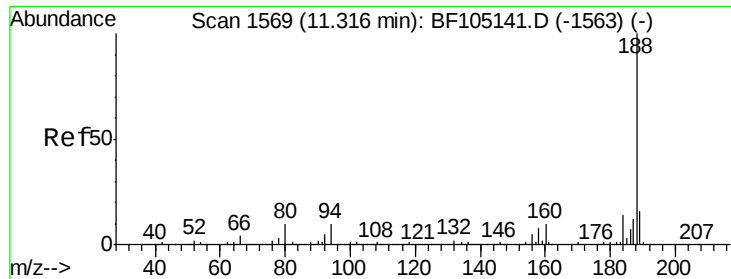
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

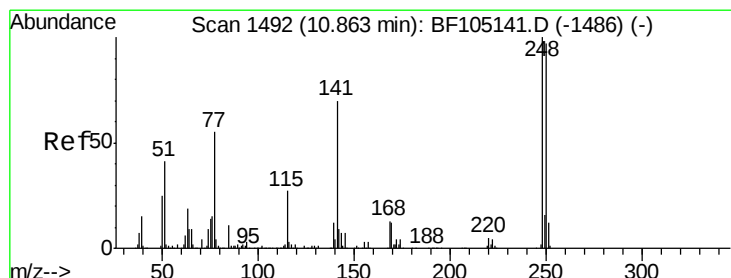
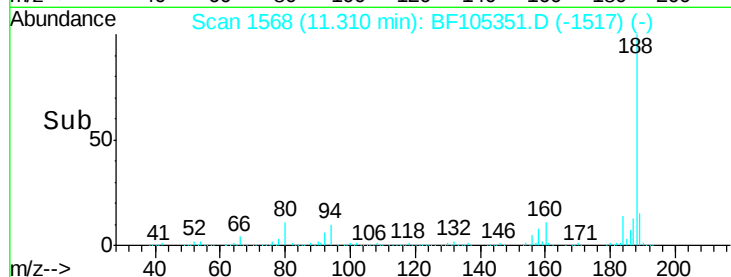
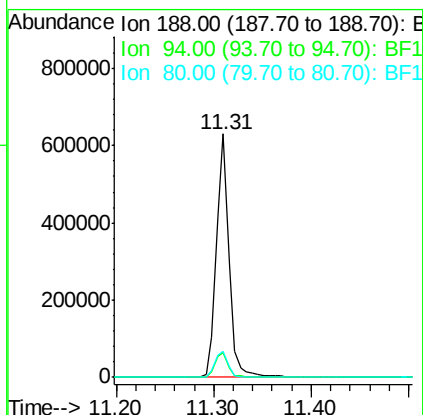
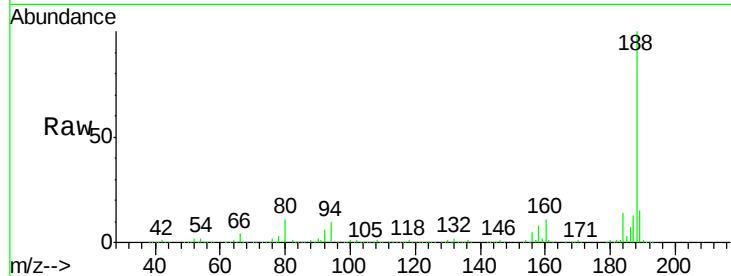




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

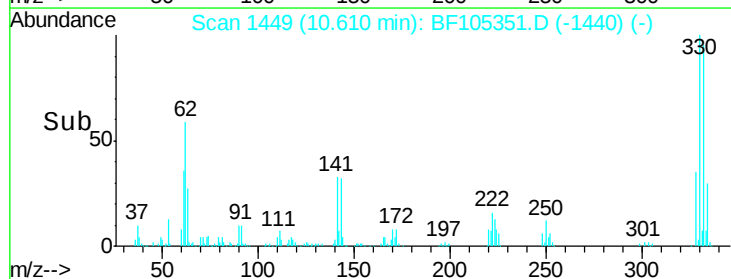
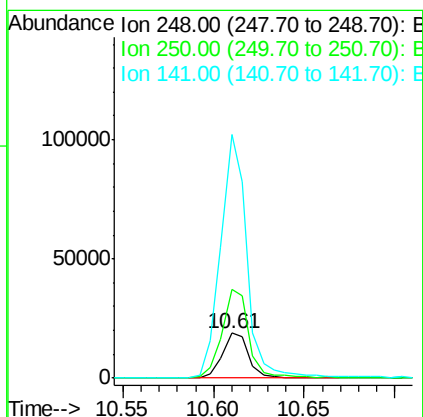
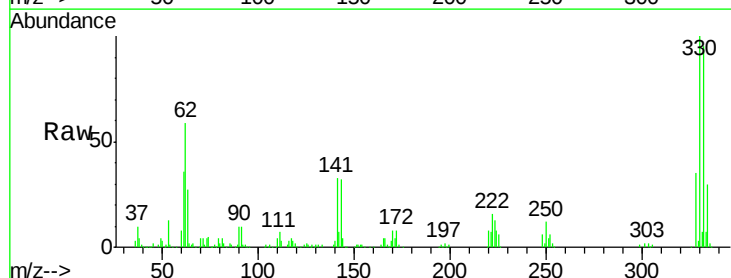
Instrument :
BNA_F
ClientSampleId :

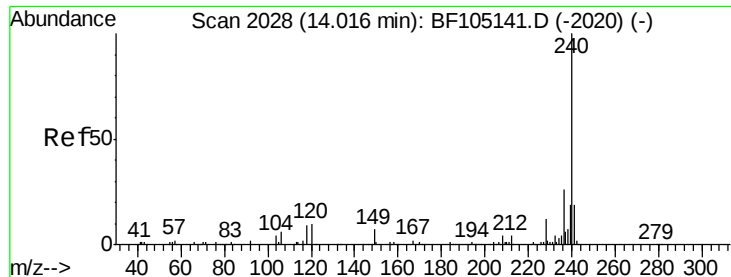
Tot Ion:188 Resp: 568432
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion:248 Resp: 19191
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 545.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

Instrument :

BNA_F

ClientSampleId :

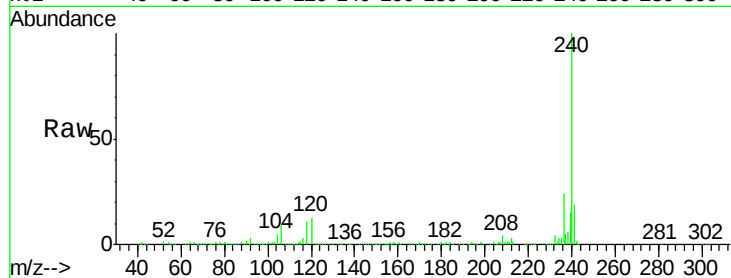
Tot Ion:240 Resp: 355091

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

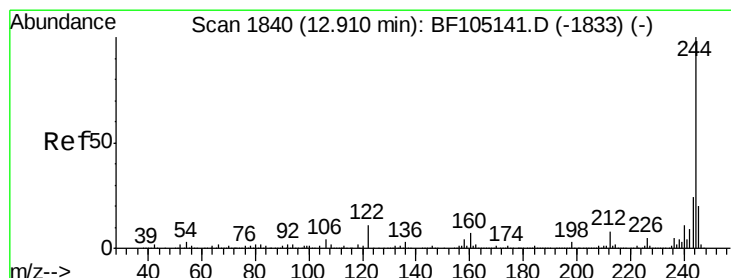
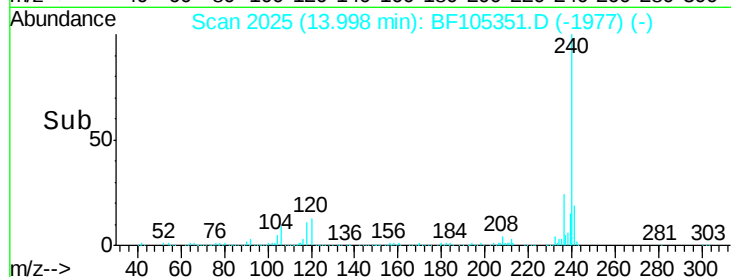
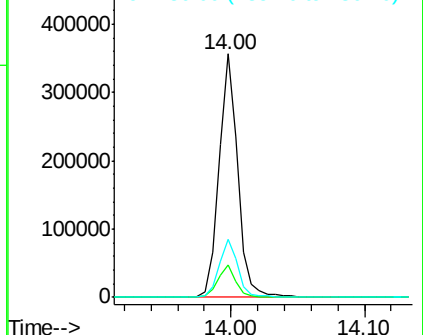
236 24.1 20.7 31.1



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: 100.24 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

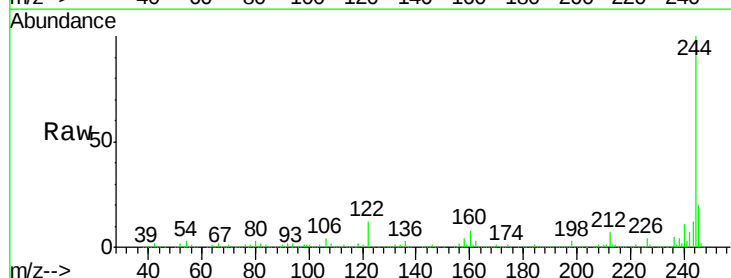
Tgt Ion:244 Resp: 1655843

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

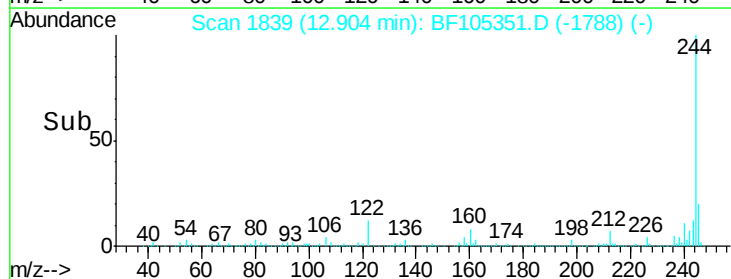
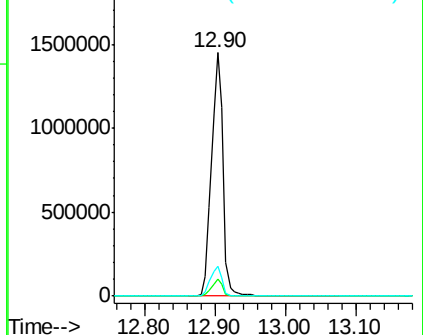
122 12.2 11.0 16.4

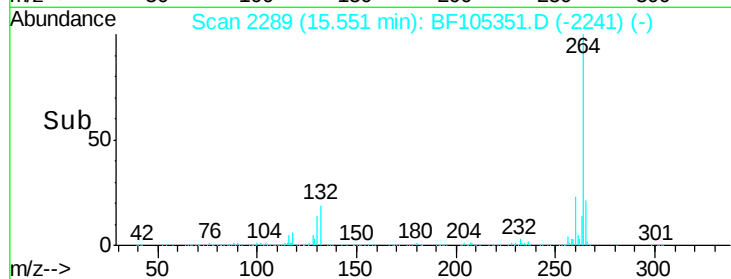
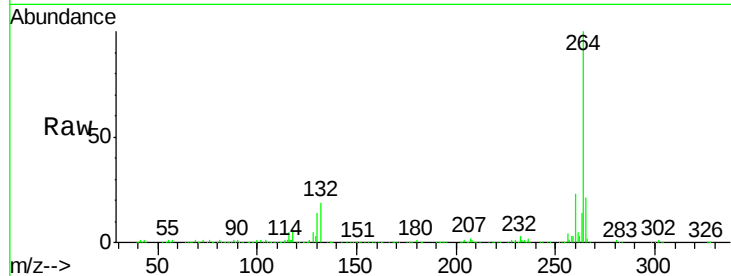
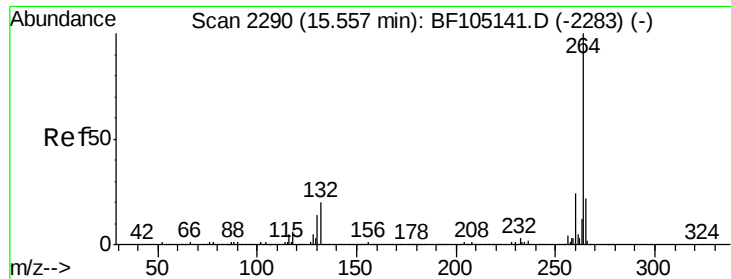


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

