

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102056.D
 Acq On : 12 Jan 2018 21:18
 Operator : SJ/JU
 Sample : J1094-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 13 00:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218558	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	813235	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	302830	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	414824	20.00	ng	0.00
75) Chrysene-d12	13.89	240	357336	20.00	ng	0.00
86) Perylene-d12	15.31	264	285391	20.00	ng	0.02

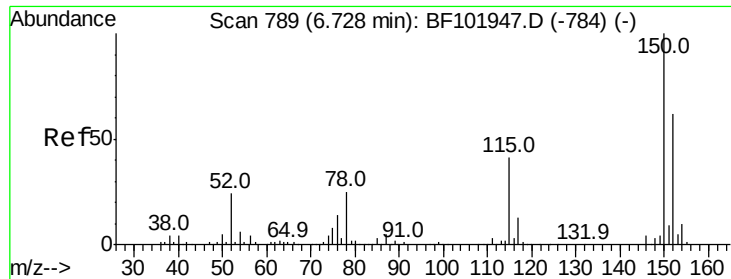
System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1274608	82.35	ng	0.01
7) Phenol-d6	6.37	99	1479518	80.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	884927	63.94	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	206339	78.08	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1214995	62.68	ng	0.00
78) Terphenyl-d14	12.83	244	773743	44.96	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.37	94	62066	2.974	ng	78
19) n-Nitroso-di-n-propylamine	7.29	70	118854	9.821	ng	# 83
25) Isophorone	7.29	82	884914	32.362	ng	# 64
49) Dimethylphthalate	9.48	163	235149	9.680	ng	100
56) 2,4-Dinitrotoluene	9.76	165	39526	6.499	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	495	5.856	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12809	2.924	ng	# 1

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

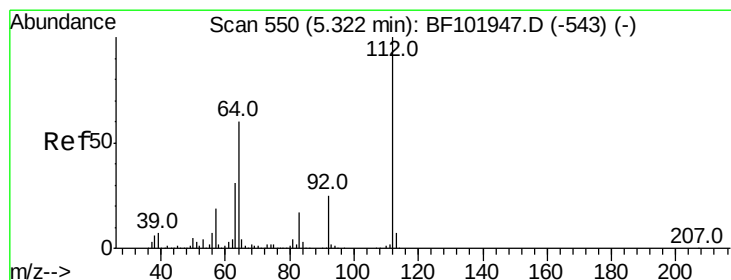
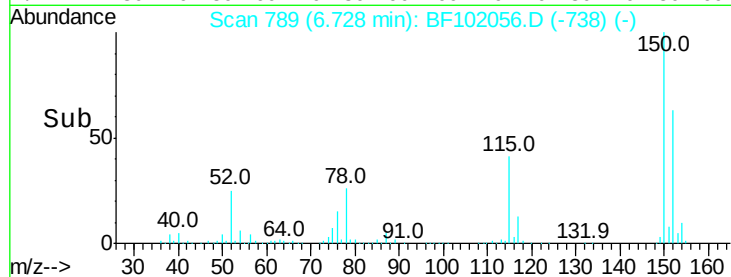
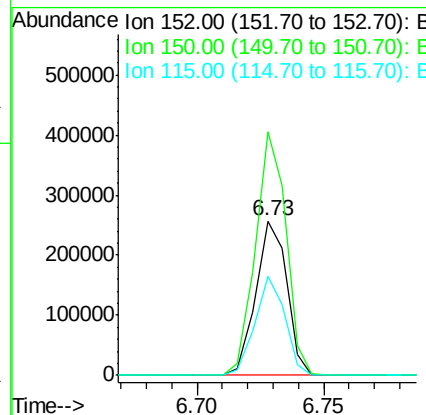
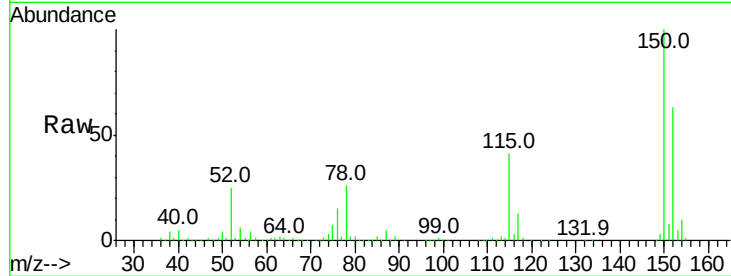


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Instrument :
BNA_F
ClientSampled :

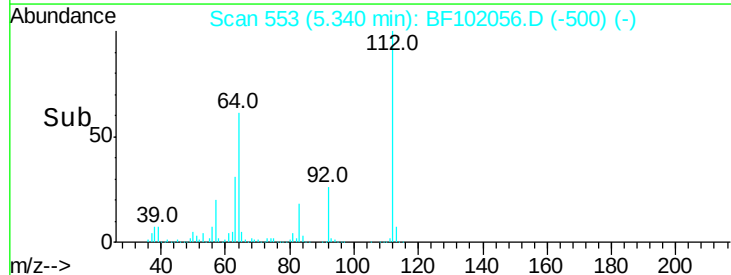
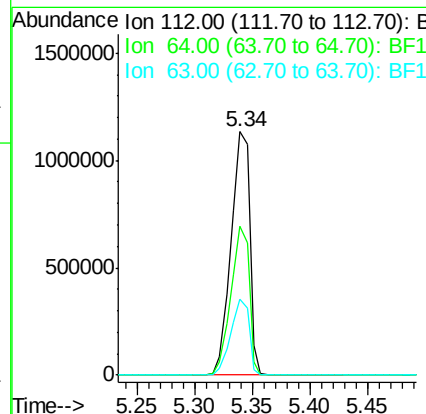
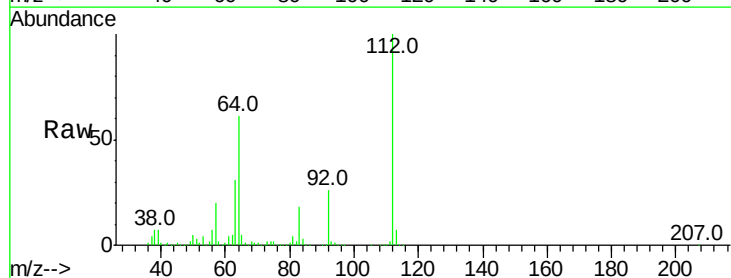
Tot Ion:152 Resp: 218558
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 64.0 50.1 75.1

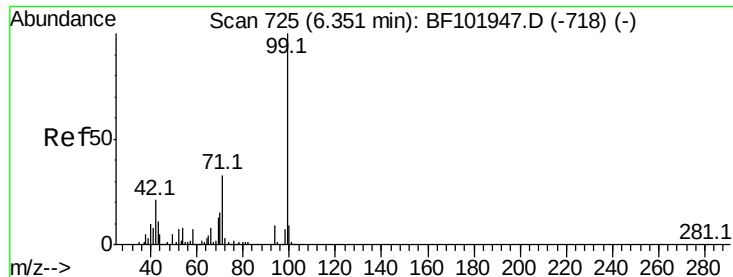


#5

2-Fluorophenol
Concen: 82.351 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Tgt Ion:112 Resp: 1274608
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 80.119 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

Instrument :

BNA_F

ClientSampleId :

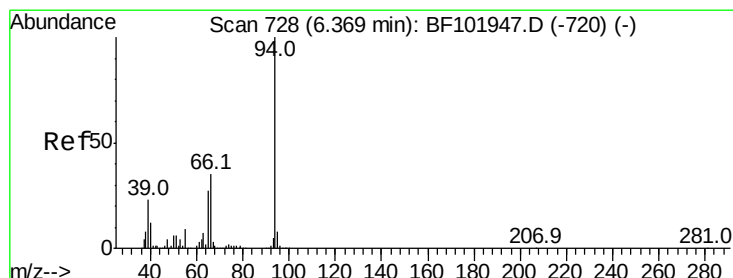
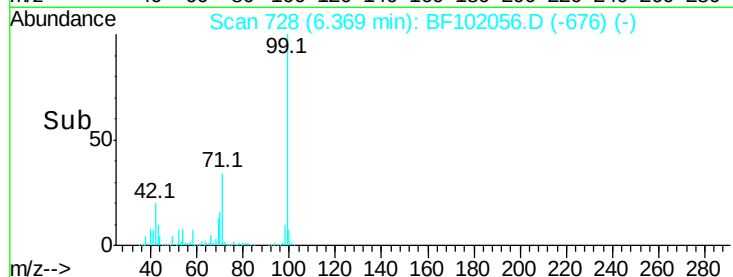
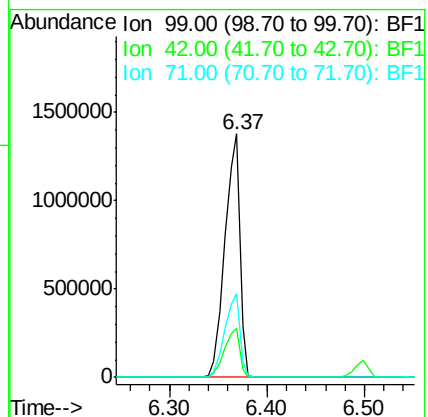
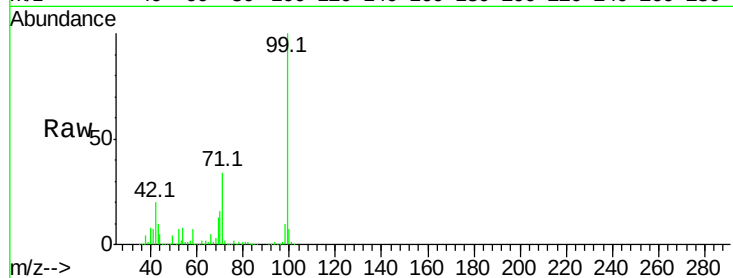
Tot Ion: 99 Resp: 1479518

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.1 25.4 38.0



#10

Phenol

Concen: 2.974 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

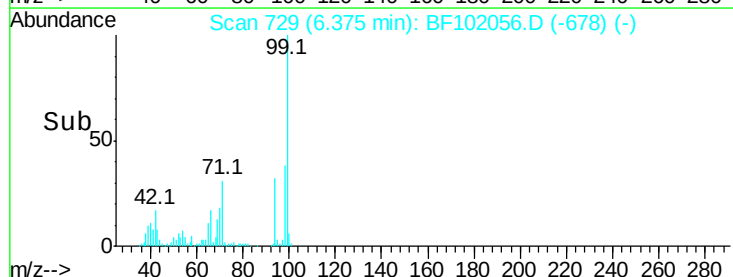
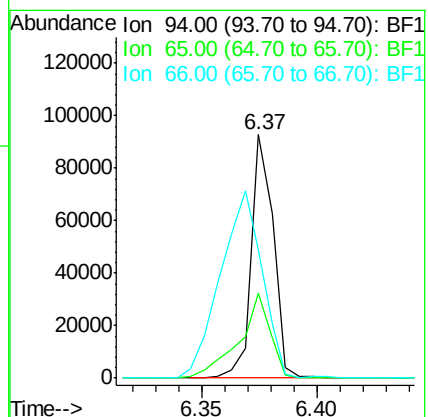
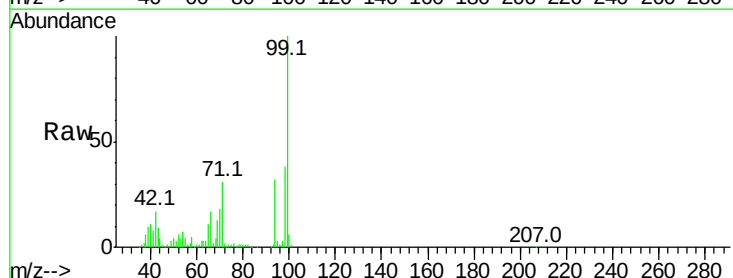
Tgt Ion: 94 Resp: 62066

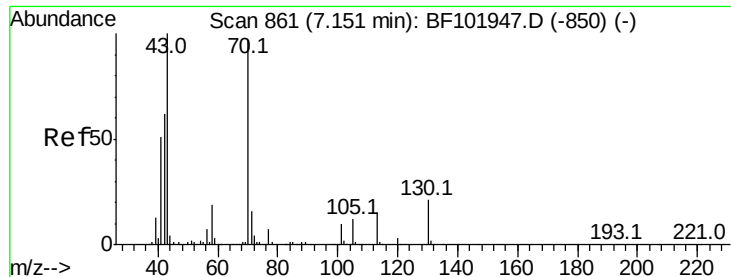
Ion Ratio Lower Upper

94 100

65 35.1 7.9 47.9

66 52.5 16.2 56.2

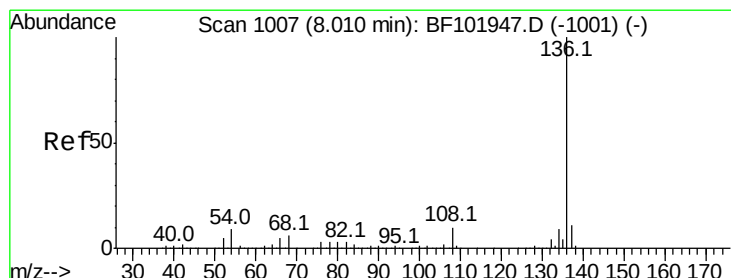
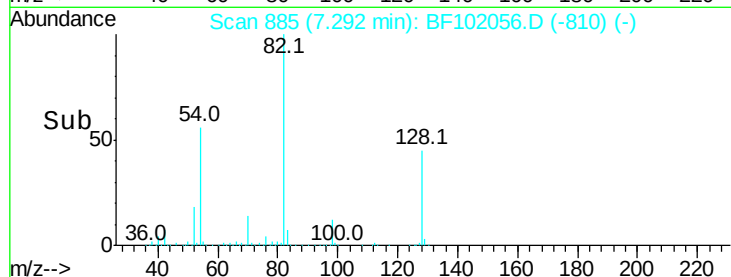
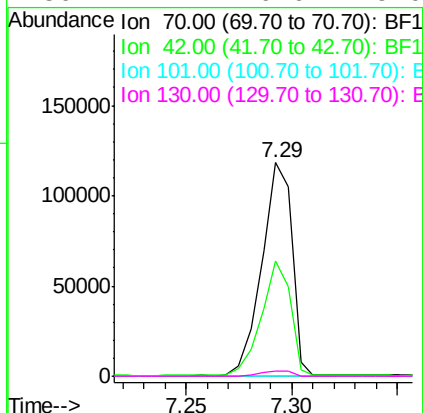
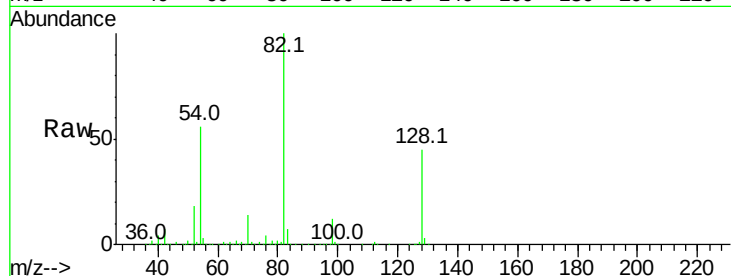




#19
n-Nitroso-di-n-propylamine
Concen: 9.821 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

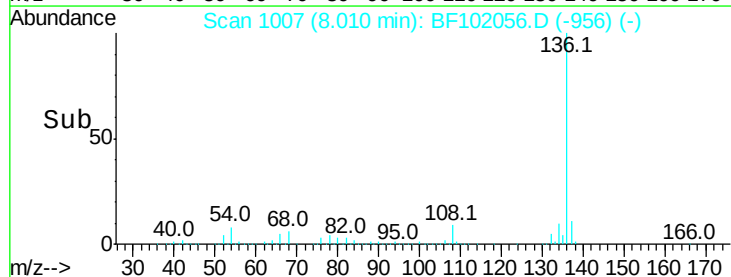
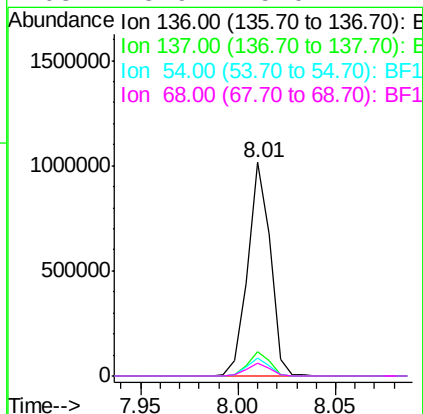
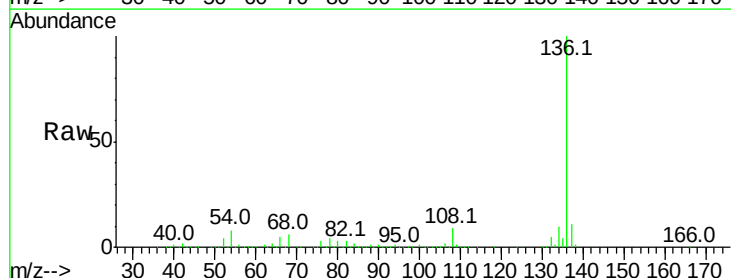
Instrument :
BNA_F
ClientSampleId :

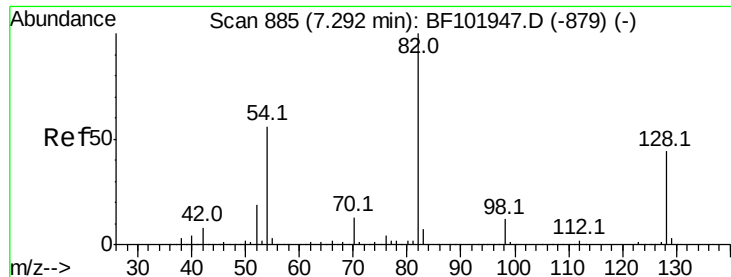
Tot Ion: 70 Resp: 118854
Ion Ratio Lower Upper
70 100
42 53.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Tgt Ion:136 Resp: 813235
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 63.945 ng

RT: 7.29 min Scan# 885

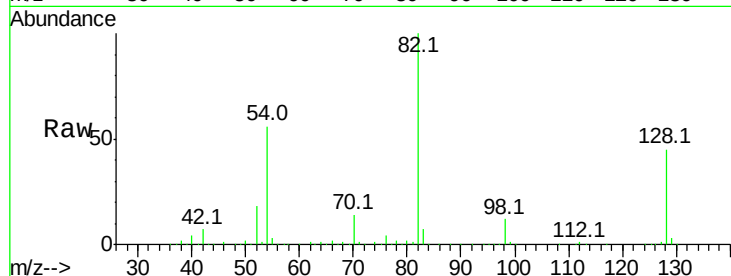
Delta R.T. -0.01 min

Lab File: BF102056.D

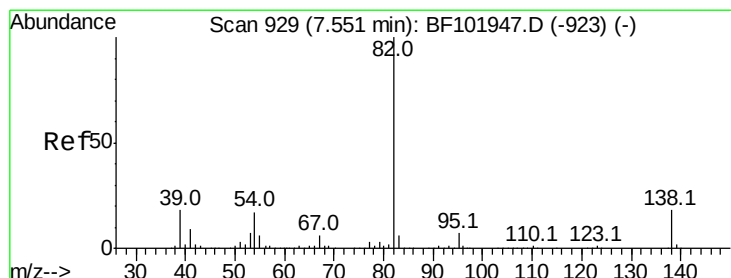
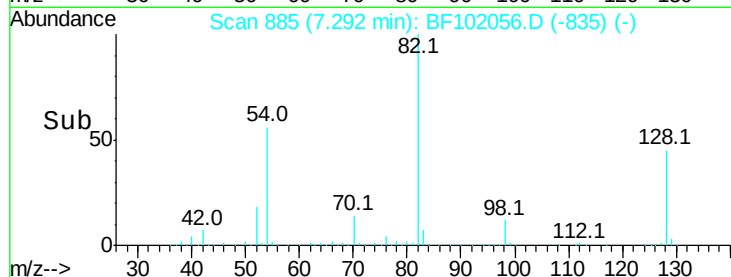
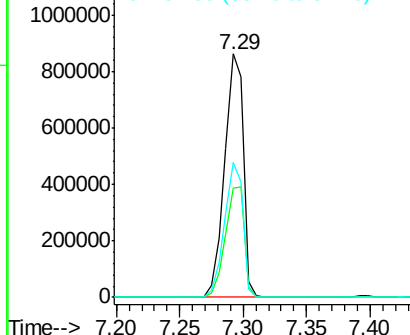
Acq: 12 Jan 2018 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	884927
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	55.6	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: 32.362 ng

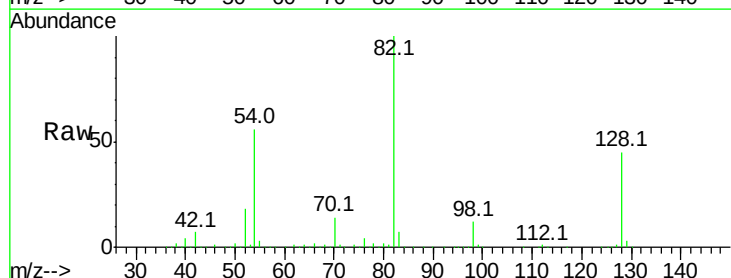
RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

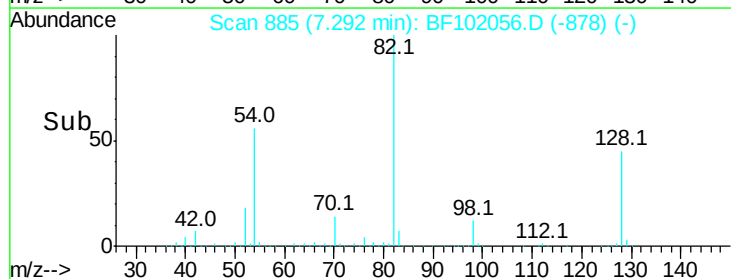
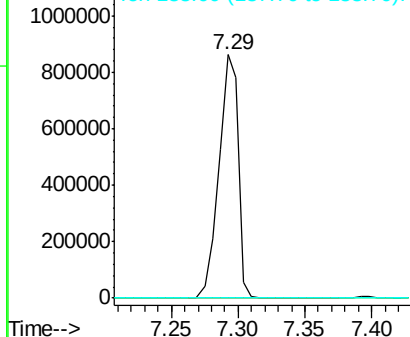
Lab File: BF102056.D

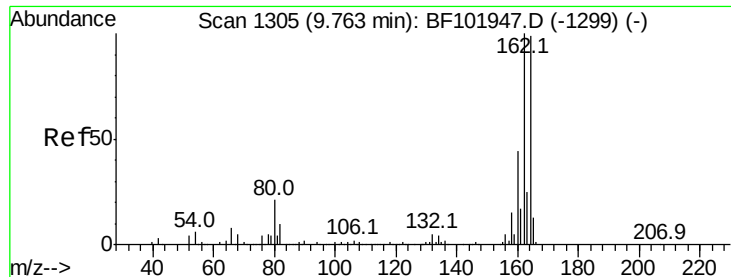
Acq: 12 Jan 2018 21:18

Tgt Ion:	82	Resp:	884914
Ion	Ratio	Lower	Upper
82	100		
95	0.1	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

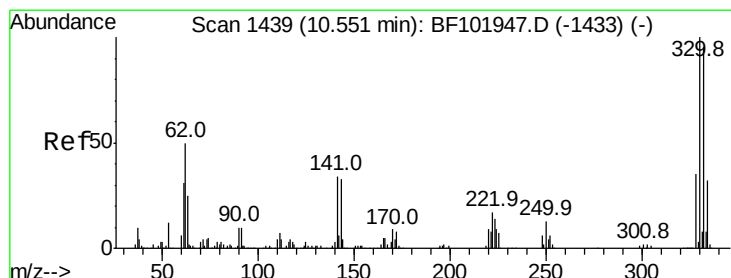
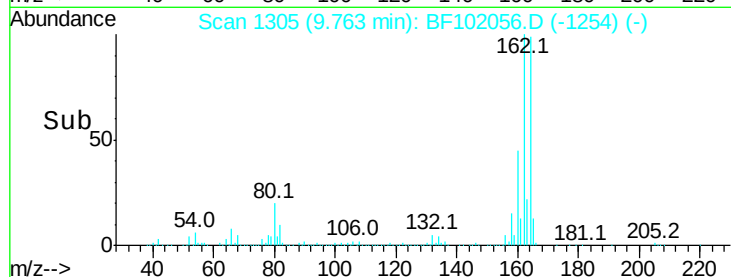
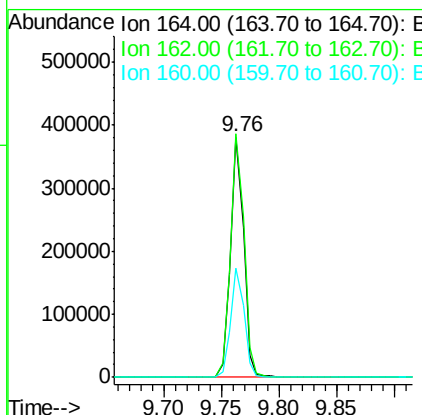
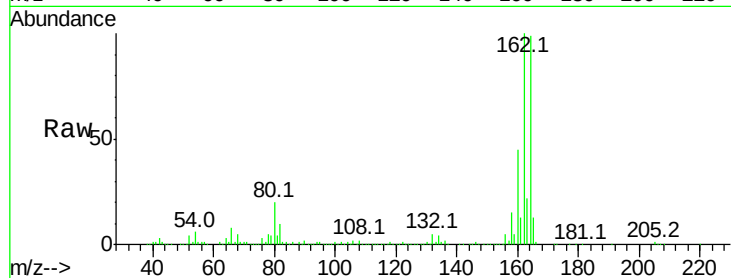




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF102056.D
 Acq: 12 Jan 2018 21:18

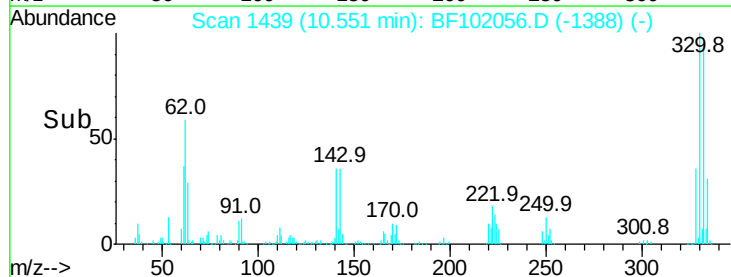
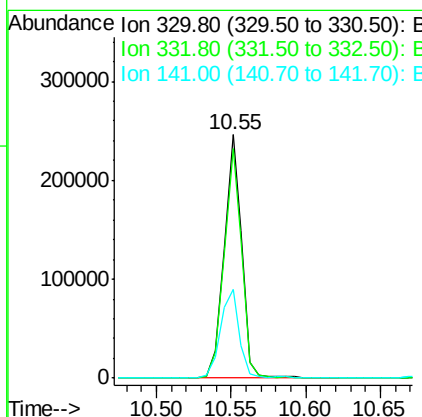
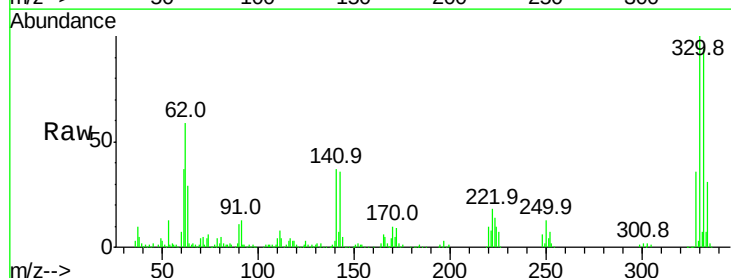
Instrument :
 BNA_F
 ClientSampleId :

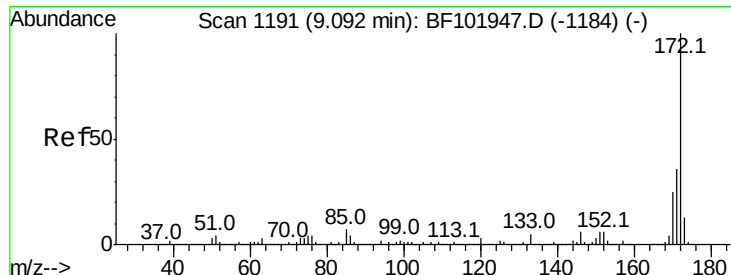
Tot Ion:164 Resp: 302830
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 78.077 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102056.D
 Acq: 12 Jan 2018 21:18

Tgt Ion:330 Resp: 206339
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 38.1 29.9 44.9

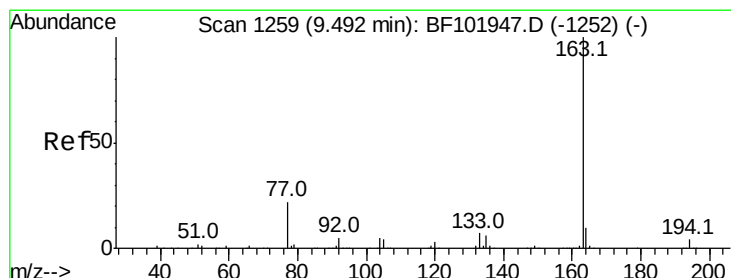
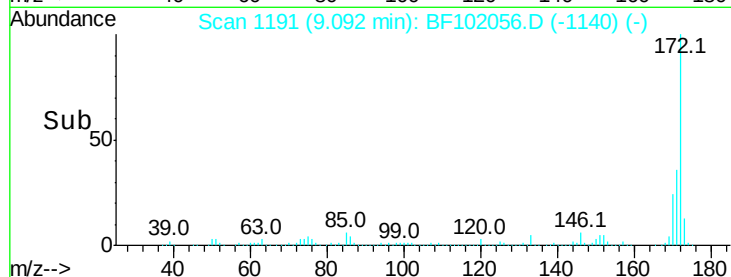
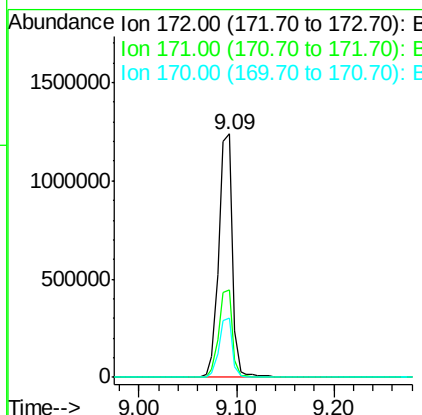
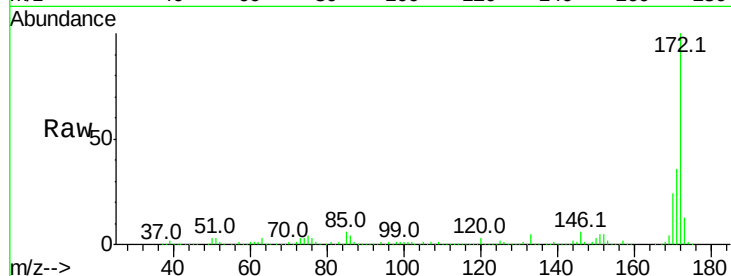




#44
2-Fluorobiphenyl
Concen: 62.680 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

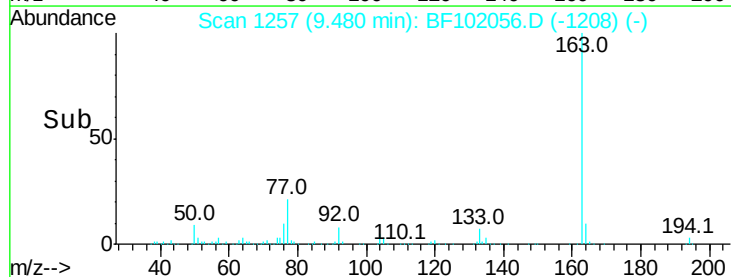
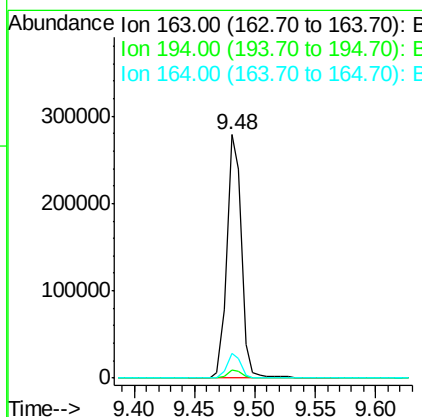
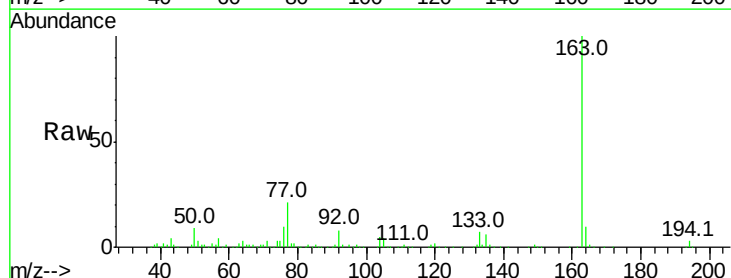
Instrument :
BNA_F
ClientSampleId :

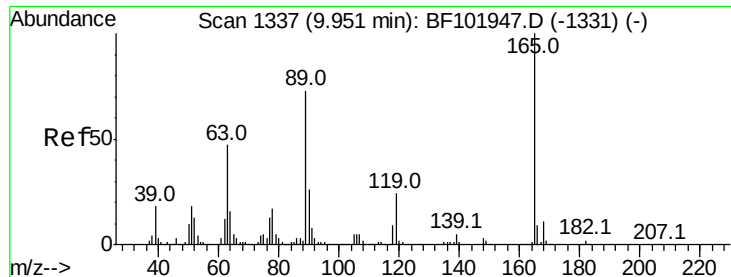
Tot Ion:172 Resp: 1214995
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 9.680 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Tgt Ion:163 Resp: 235149
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

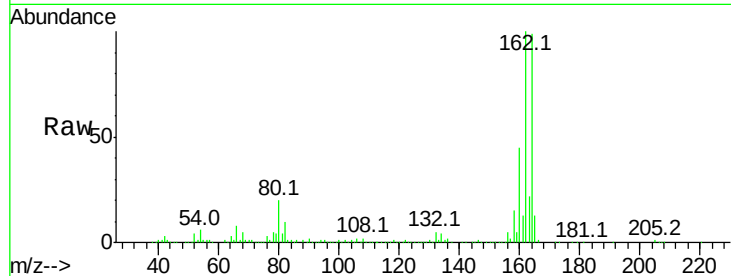




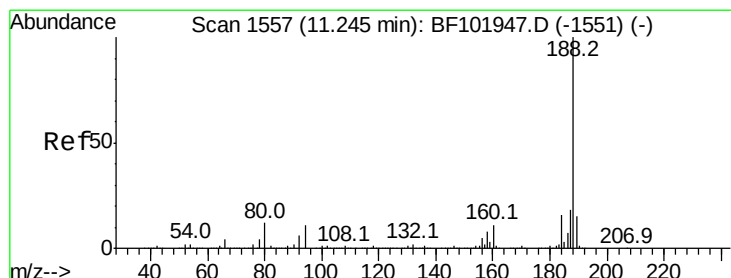
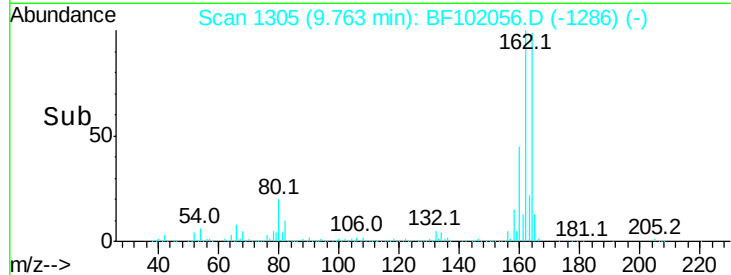
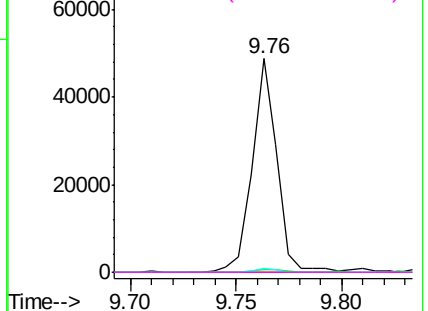
#56
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 39526
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

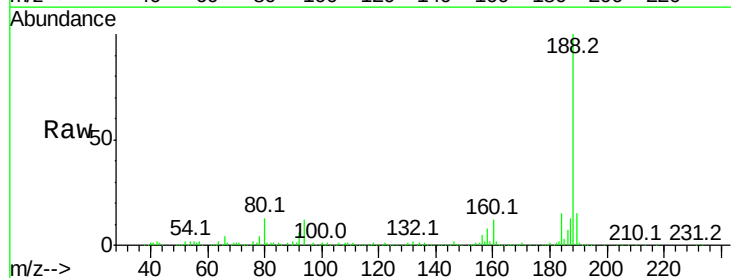


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

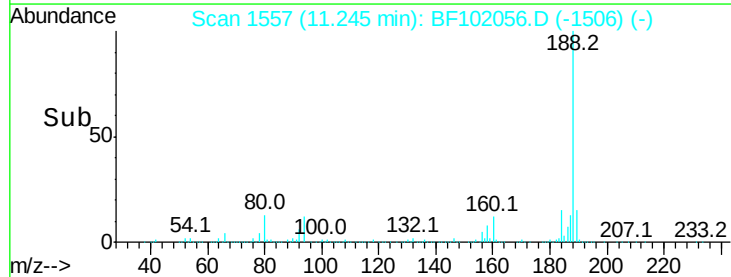
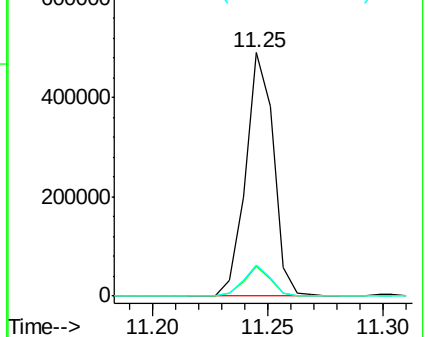


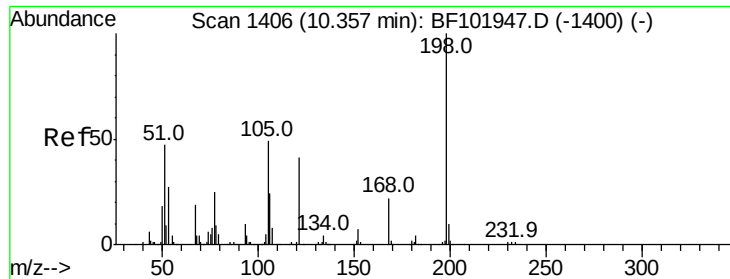
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Tgt Ion:188 Resp: 414824
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.0 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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

Instrument :

BNA_F

ClientSampled :

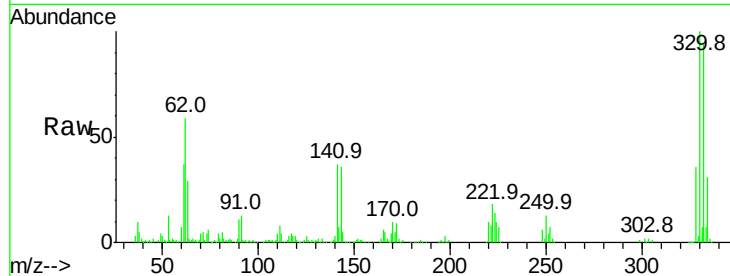
Tot Ion:198 Resp: 495

Ion Ratio Lower Upper

198 100

51 182.8 37.7 77.7#

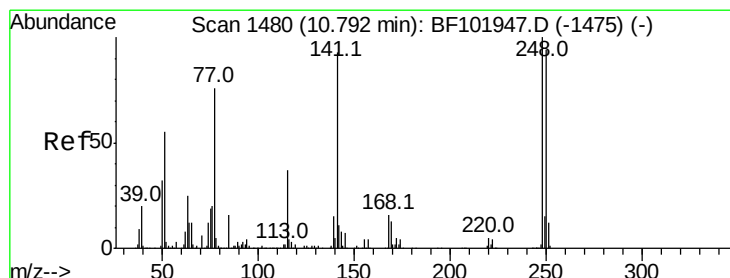
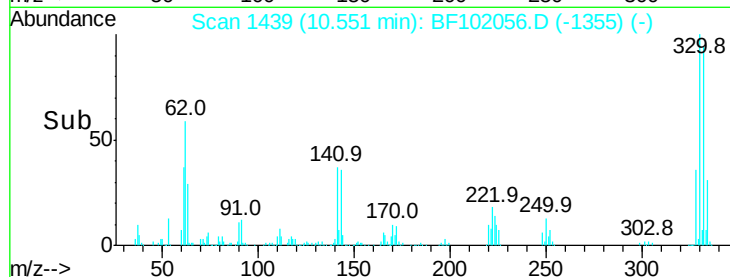
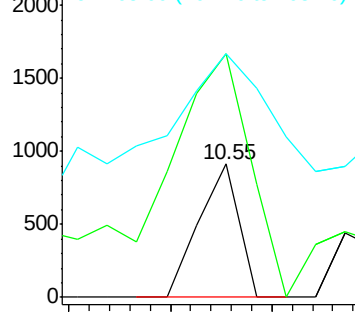
105 183.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.924 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

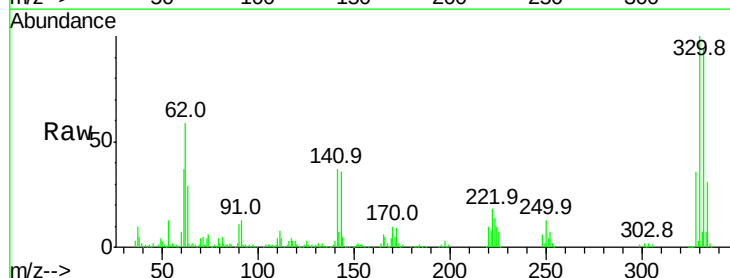
Tgt Ion:248 Resp: 12809

Ion Ratio Lower Upper

248 100

250 203.7 76.9 115.3#

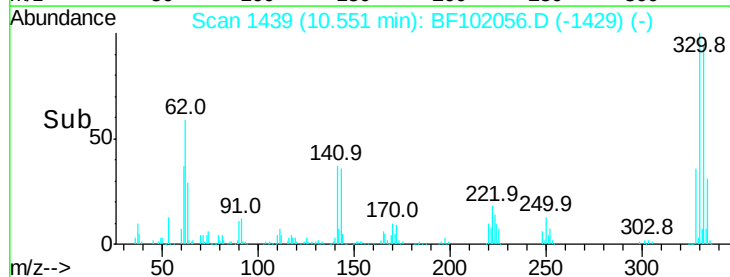
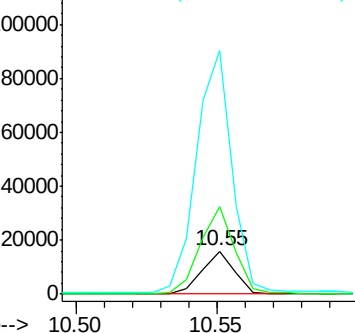
141 568.8 74.4 111.6#

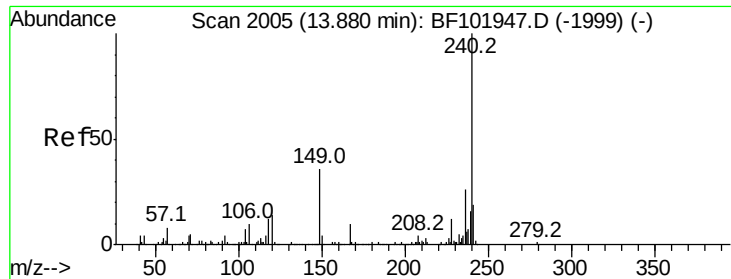


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

Instrument :

BNA_F

ClientSampled :

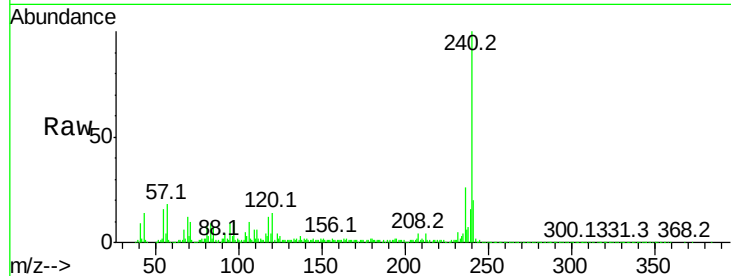
Tot Ion:240 Resp: 357336

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

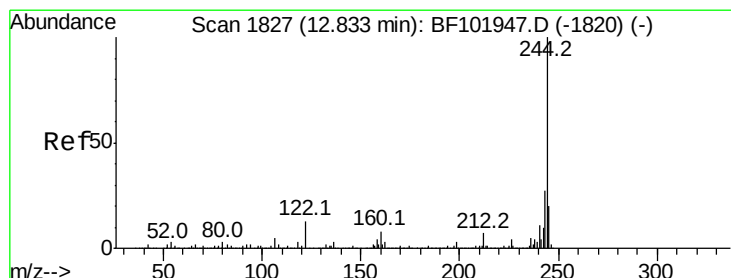
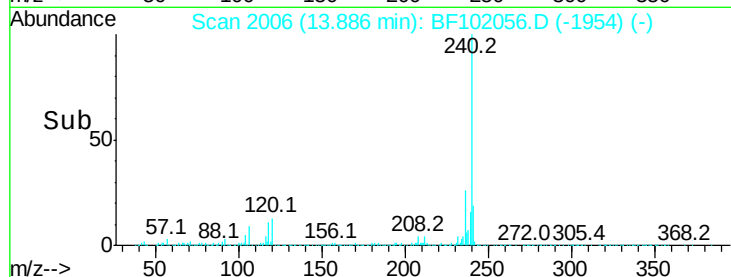
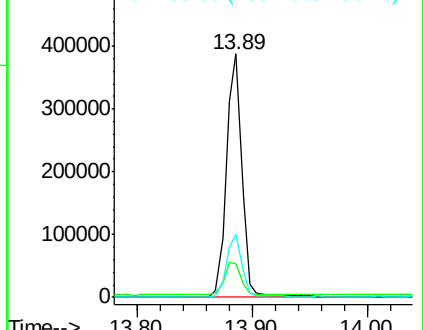
236 26.0 20.7 31.1



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: 44.957 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF102056.D

Acq: 12 Jan 2018 21:18

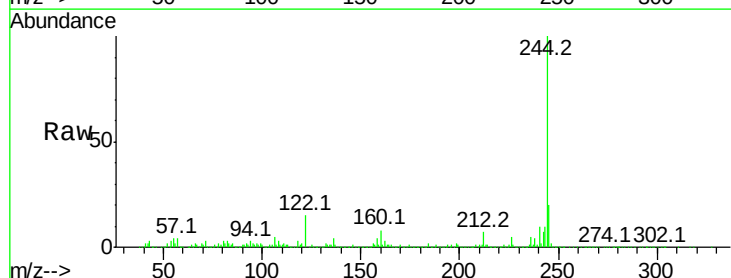
Tgt Ion:244 Resp: 773743

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

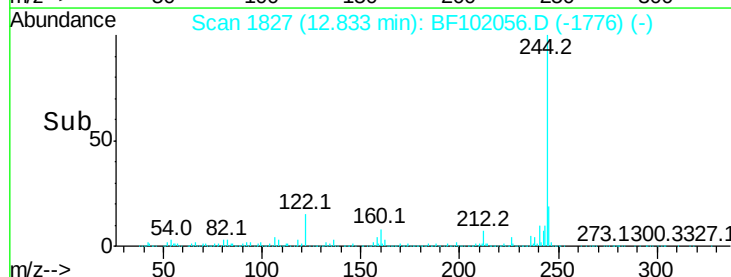
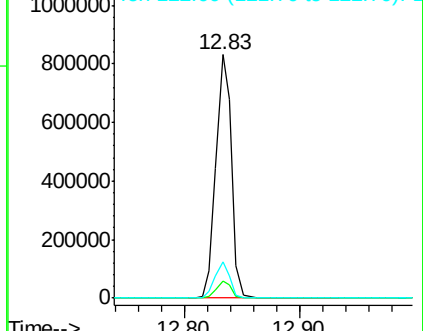
122 14.8 11.0 16.4

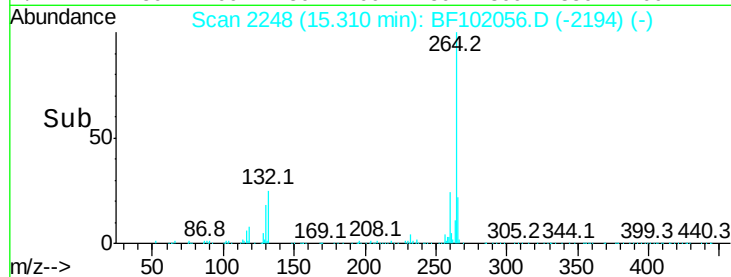
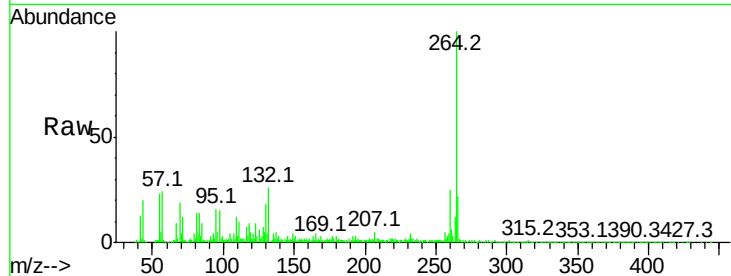
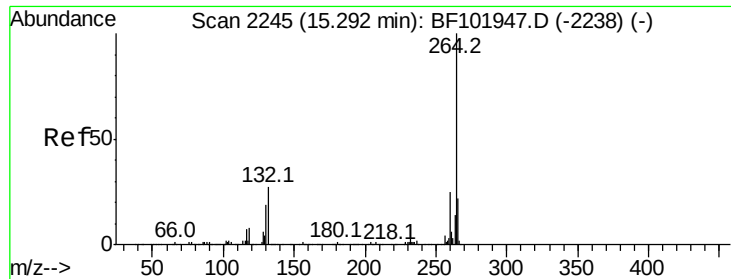


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102056.D
Acq: 12 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	285391
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	22.2	17.5	26.3

