

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105032.D
 Acq On : 2 May 2018 15:49
 Operator : JU/SJ
 Sample : J2616-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 17:28:40 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	6.79	152	84822	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350228	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	159292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	275504	20.00	ng	0.00
75) Chrysene-d12	14.03	240	209241	20.00	ng	0.00
86) Perylene-d12	15.59	264	191569	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	656214	118.29	ng	0.01
7) Phenol-d6	6.43	99	698548	102.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	538683	100.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	226993	137.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1007634	99.93	ng	0.00
78) Terphenyl-d14	12.92	244	912487	99.42	ng	0.00

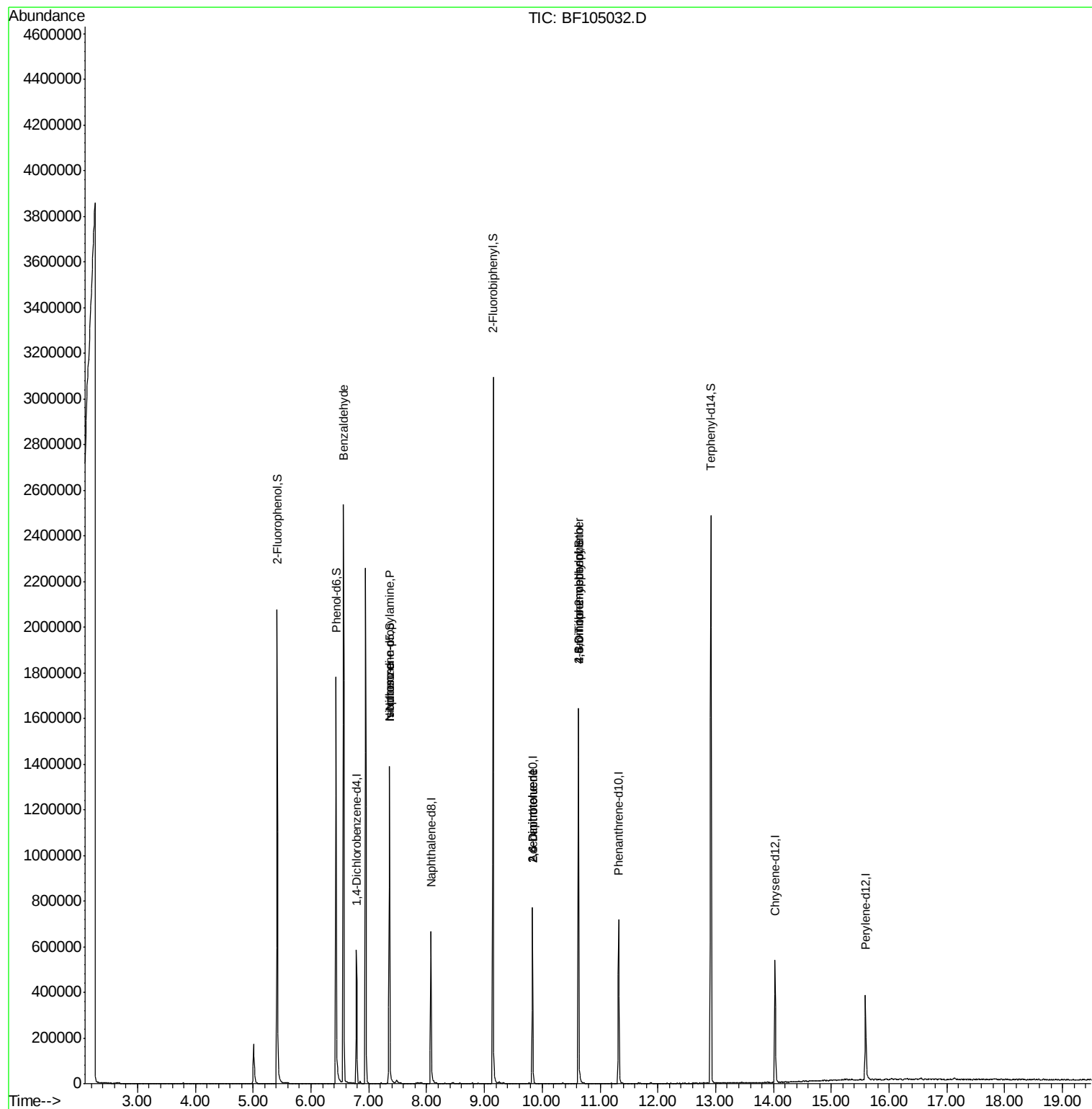
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	15228	2.128	ng	83
19) n-Nitroso-di-n-propylamine	7.36	70	70920	15.923	ng	# 72
25) Isophorone	7.36	82	534680	47.142	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	20716	8.913	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	20716	6.795	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	355	7.571	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13856	4.728	ng	# 1
76) Benzidine	12.92	184	12652	Below Cal		# 92

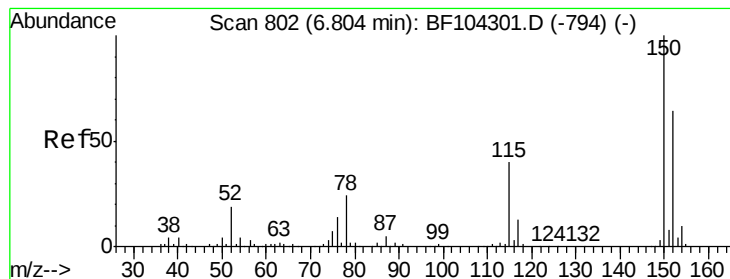
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105032.D
Acq On : 2 May 2018 15:49
Operator : JU/SJ
Sample : J2616-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 17:28:40 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



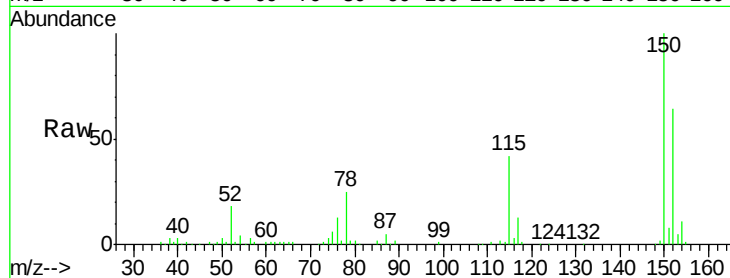


#1

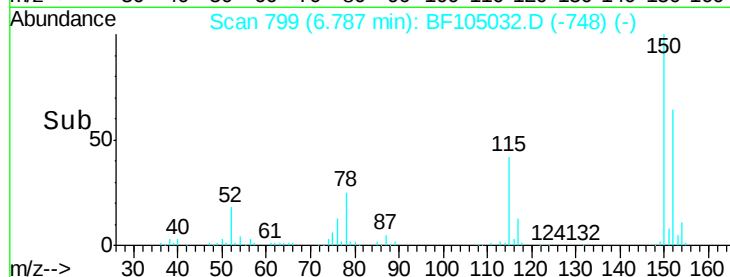
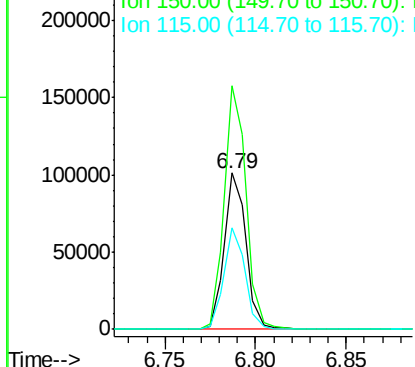
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84822
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 65.3 50.1 75.1



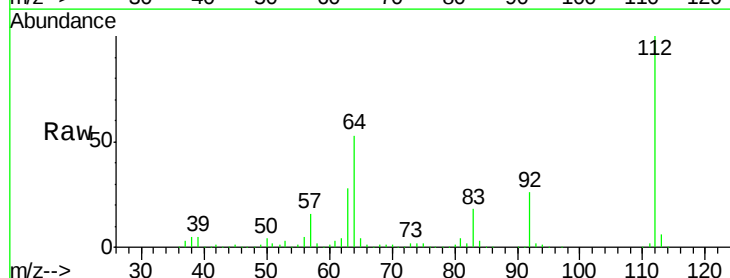
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



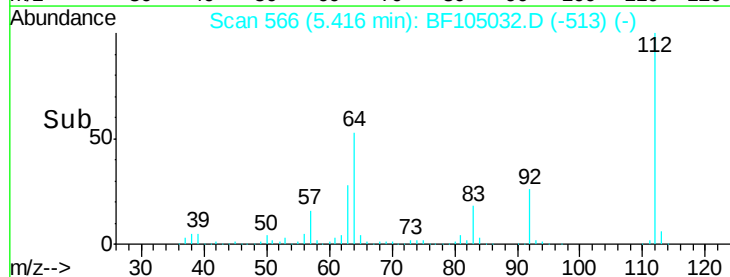
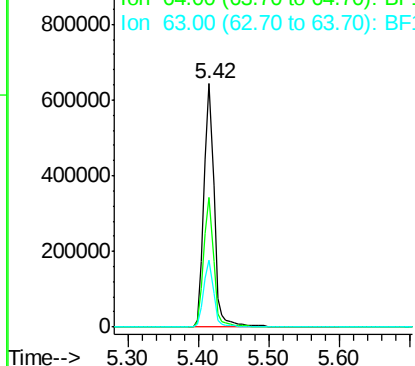
#5

2-Fluorophenol
 Concen: 118.293 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:112 Resp: 656214
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.9 71.9
 63 27.7 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: 102.488 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

Instrument :

BNA_F

ClientSampleId :

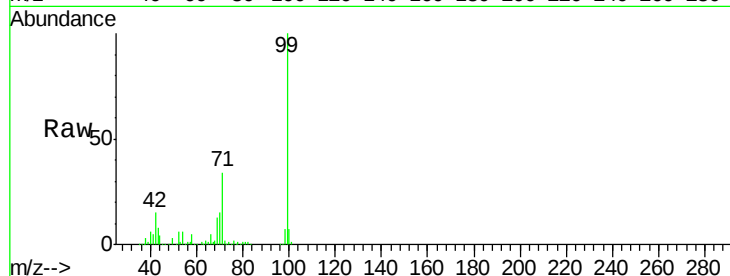
Tot Ion: 99 Resp: 698548

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

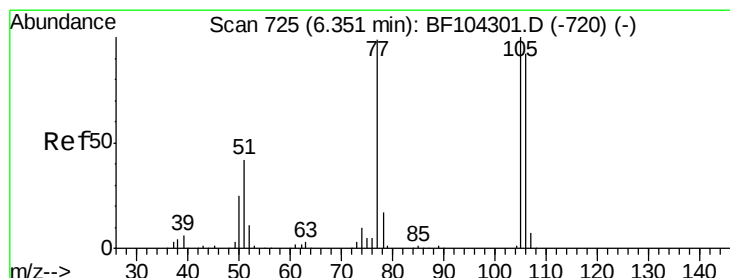
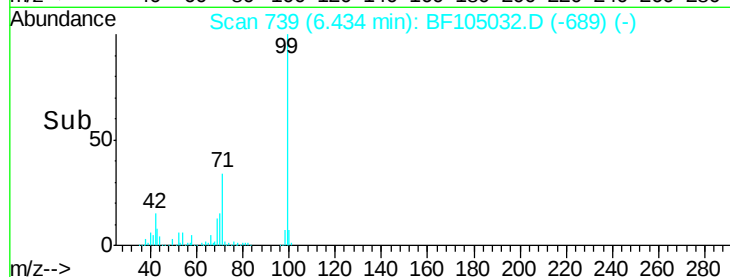
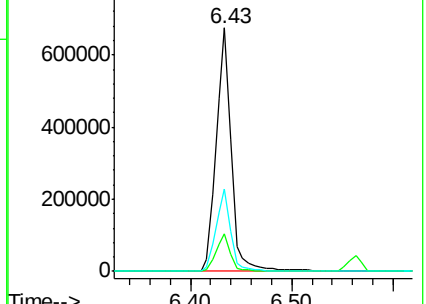
71 33.7 25.4 38.0



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: 2.128 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.22 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

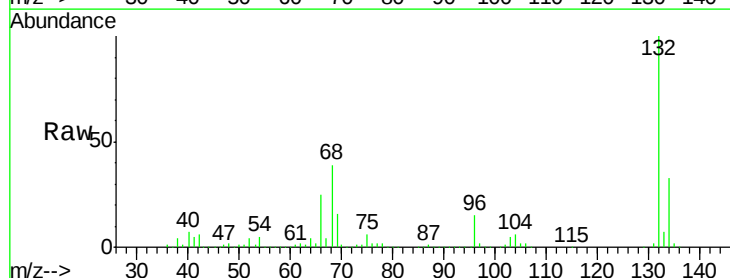
Tgt Ion: 77 Resp: 15228

Ion Ratio Lower Upper

77 100

105 84.1 81.1 121.1

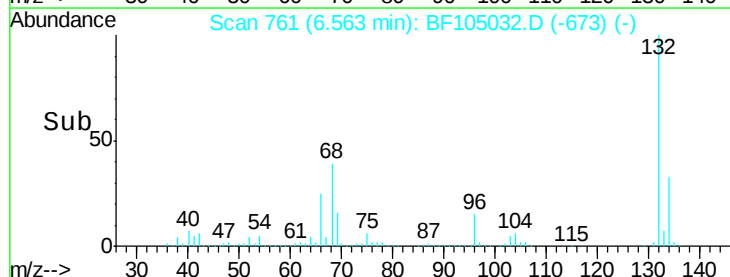
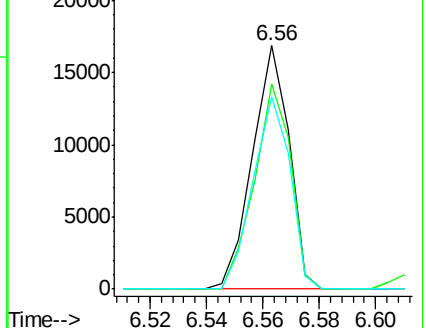
106 78.8 74.5 114.5



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

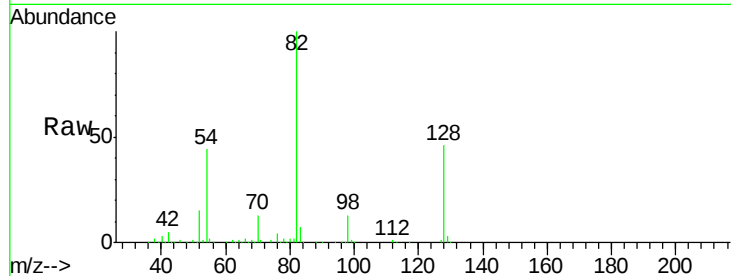




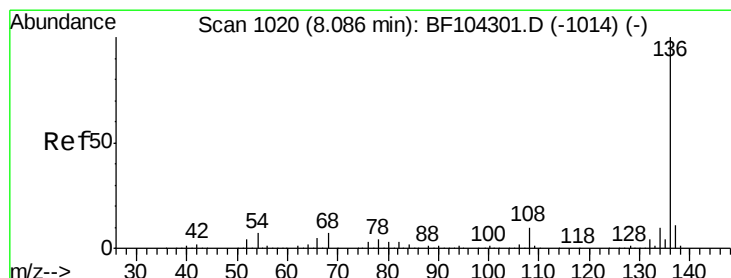
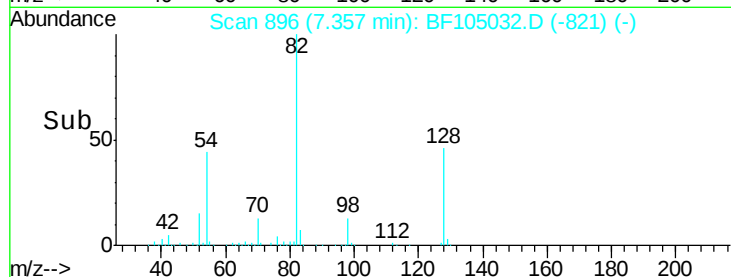
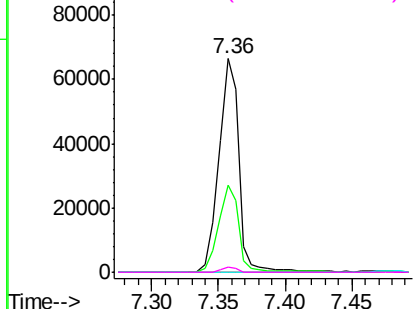
#19
n-Nitroso-di-n-propylamine
Concen: 15.923 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 70920
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

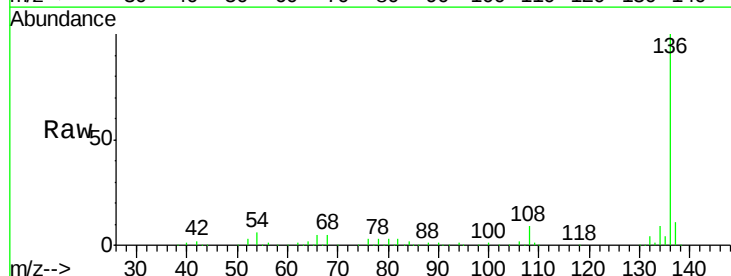


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

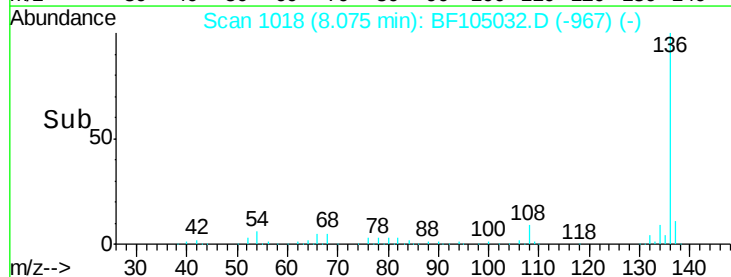
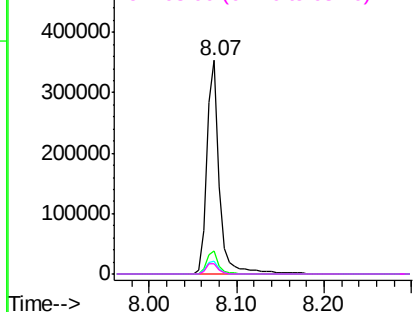


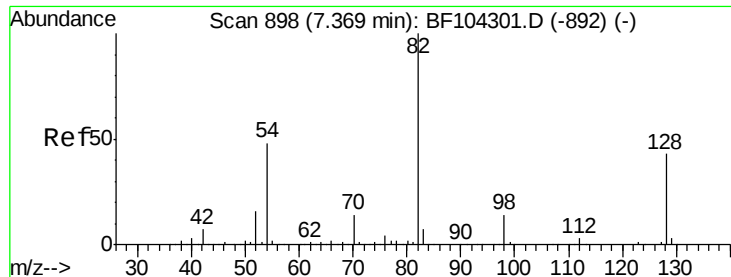
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Tgt Ion: 136 Resp: 350228
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.1 6.6 9.8#
68 4.9 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

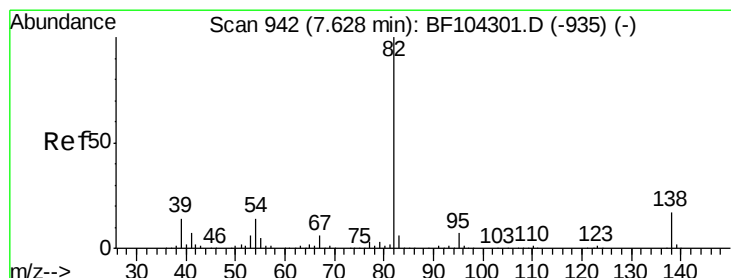
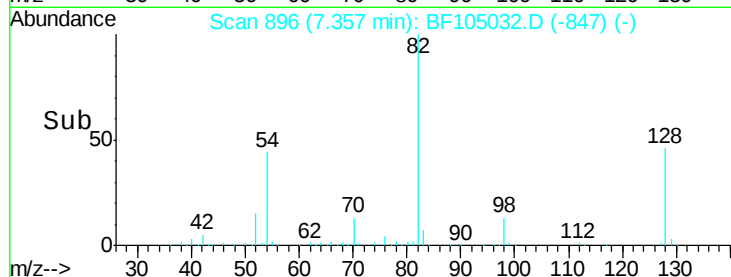
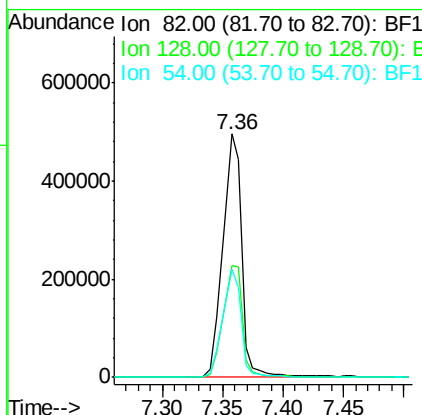
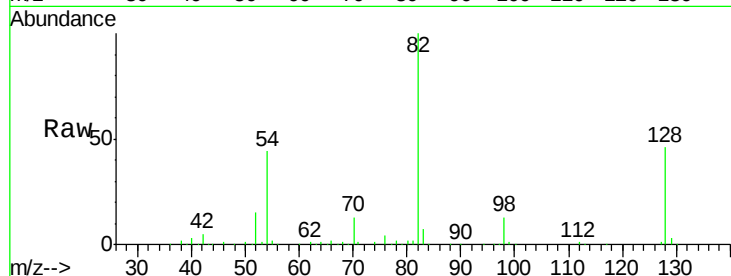




#23
Nitrobenzene-d5
Concen: 100.434 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

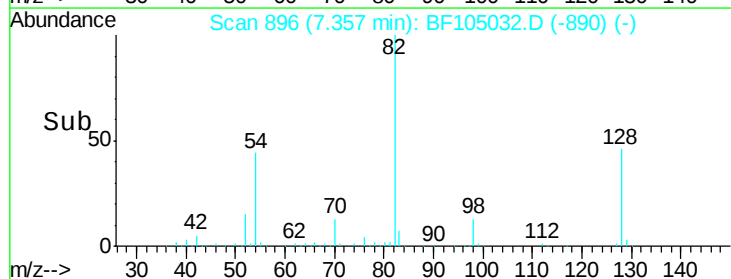
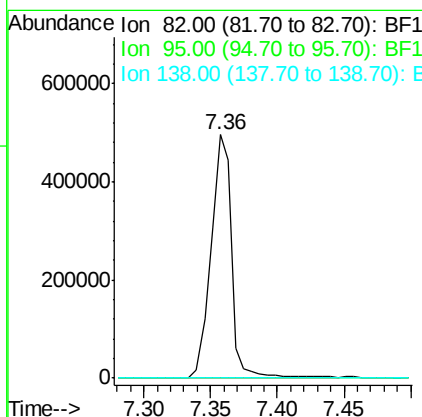
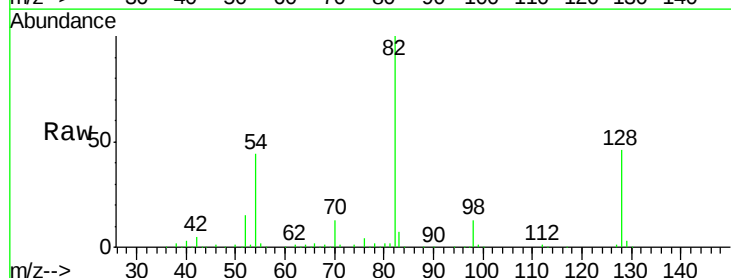
Instrument :
BNA_F
ClientSampleId :

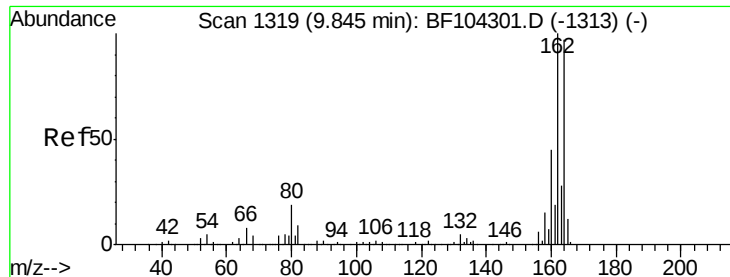
Tot Ion: 82 Resp: 538683
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 44.5 41.4 62.2



#25
Isophorone
Concen: 47.142 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Tgt Ion: 82 Resp: 534680
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

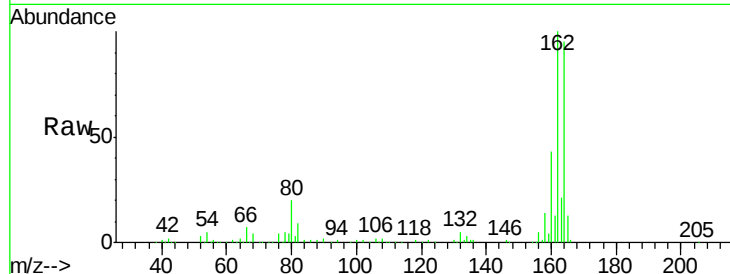




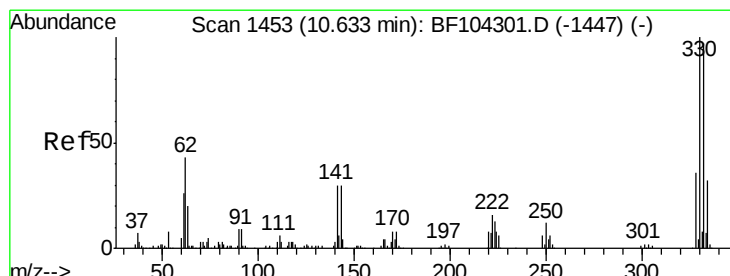
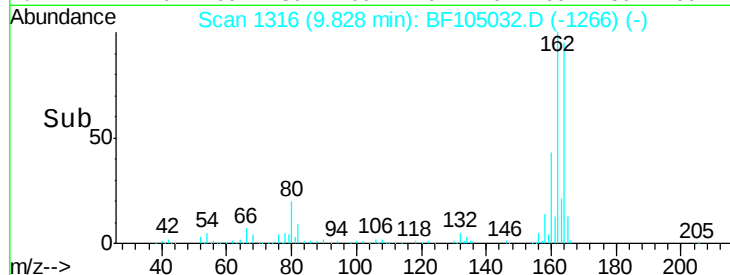
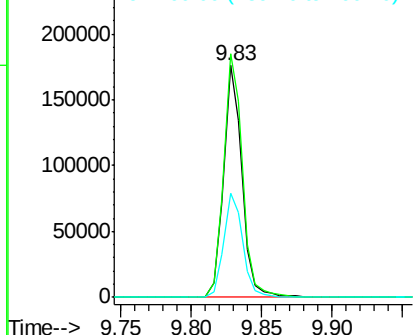
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 159292
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 44.8 38.3 57.5

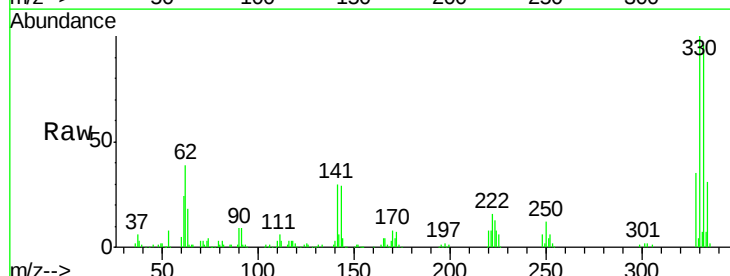


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

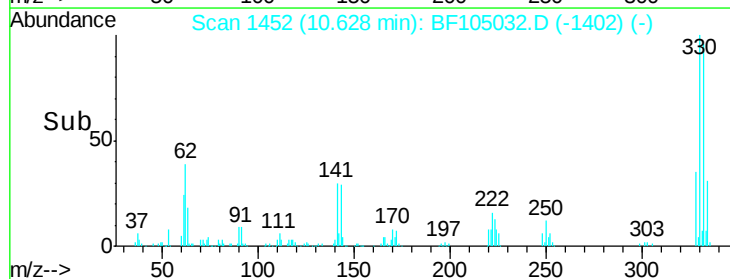
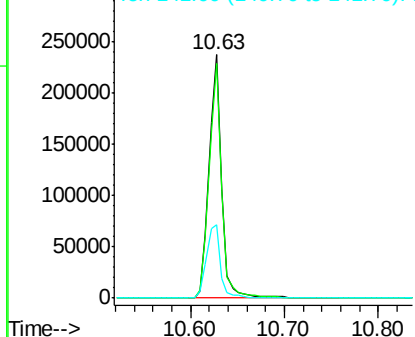


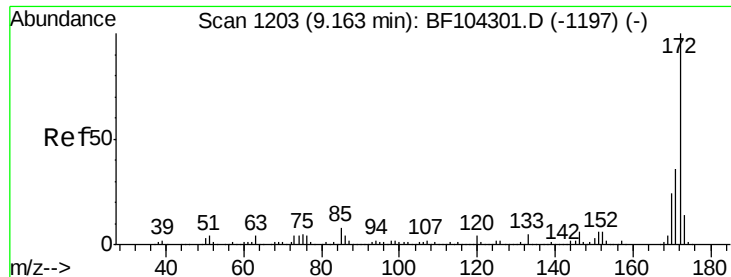
#41
2,4,6-Tribromophenol
Concen: 137.373 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Tgt Ion:330 Resp: 226993
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 33.0 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

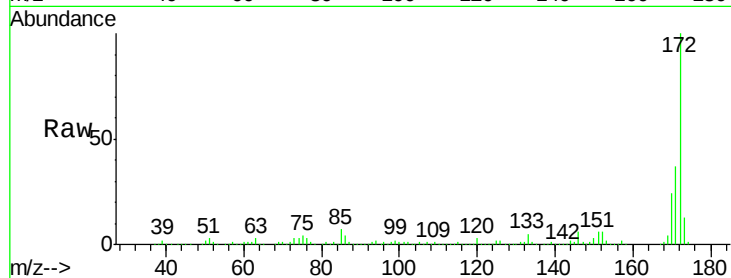




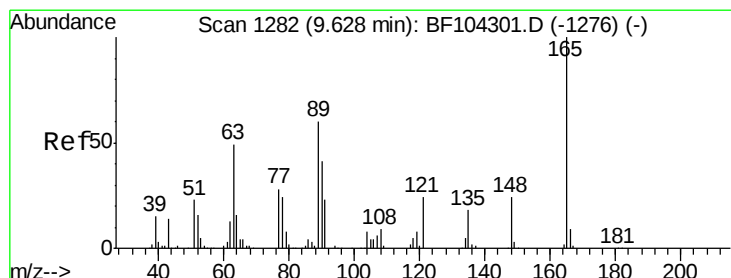
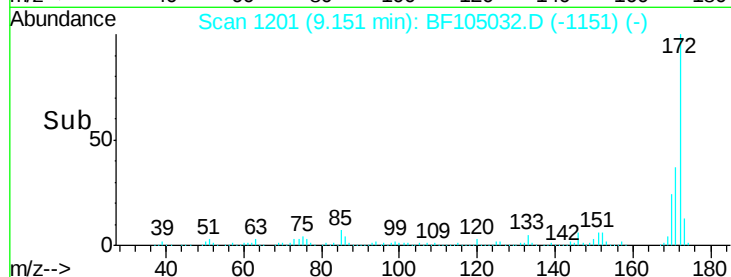
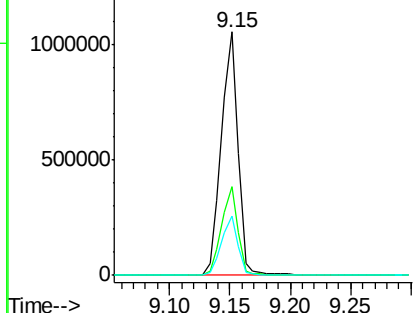
#44
 2-Fluorobiphenyl
 Concen: 99.930 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1007634
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 19.6 29.4

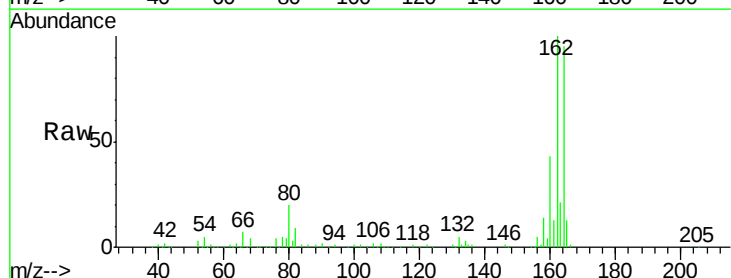


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

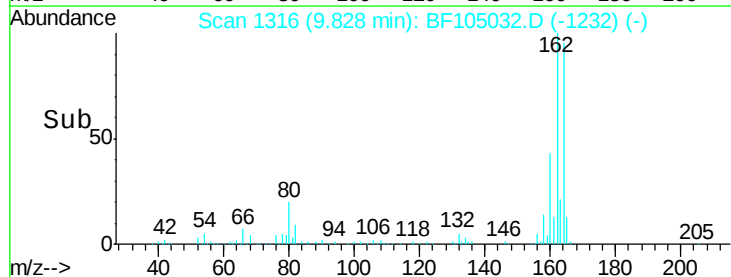
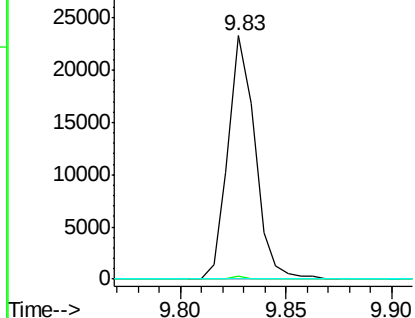


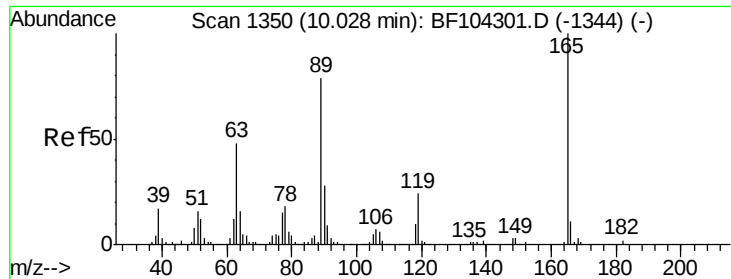
#50
 2,6-Dinitrotoluene
 Concen: 8.913 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:165 Resp: 20716
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 0.0 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

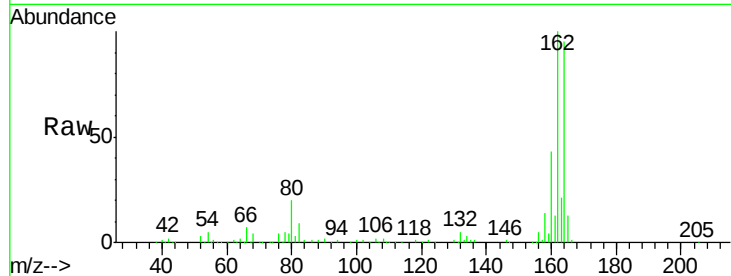




#56
 2,4-Dinitrotoluene
 Concen: 6.795 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :

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

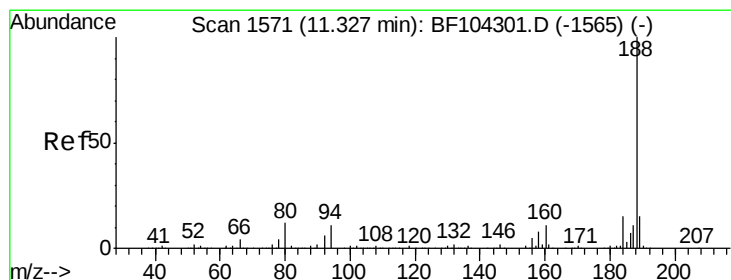
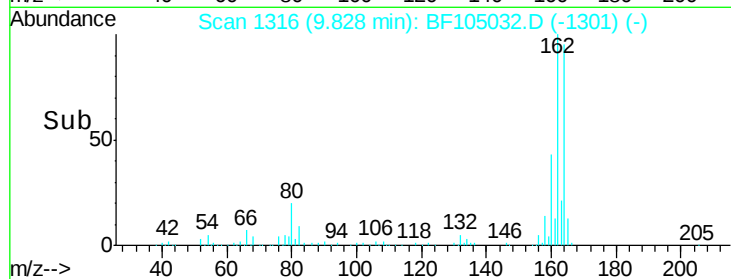
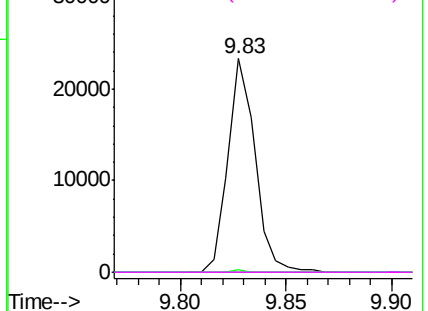


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

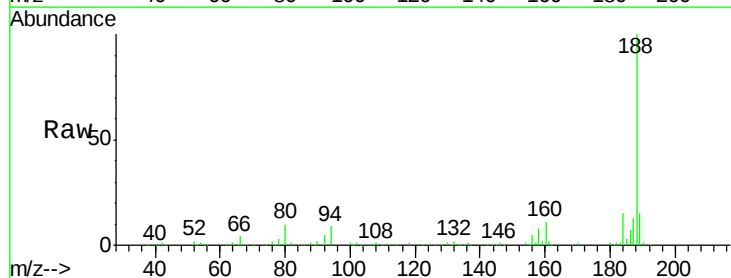
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

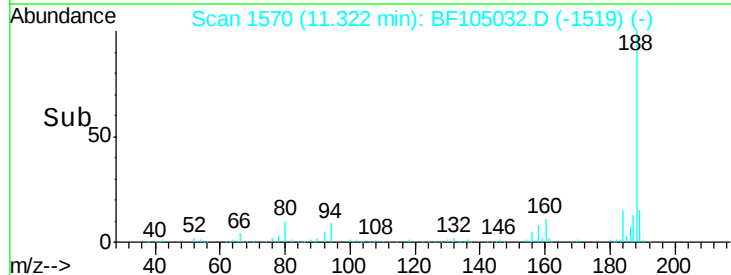
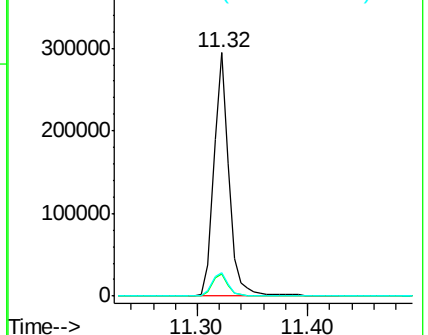
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8

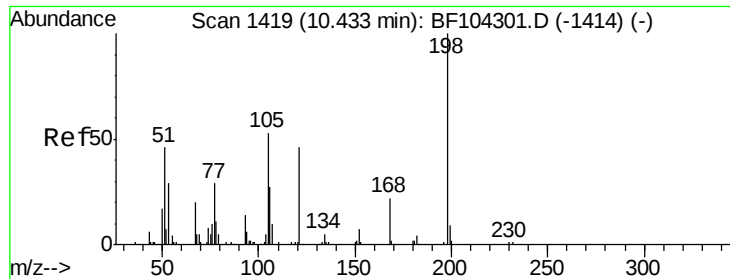


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.571 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.17 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

Instrument :

BNA_F

ClientSampleId :

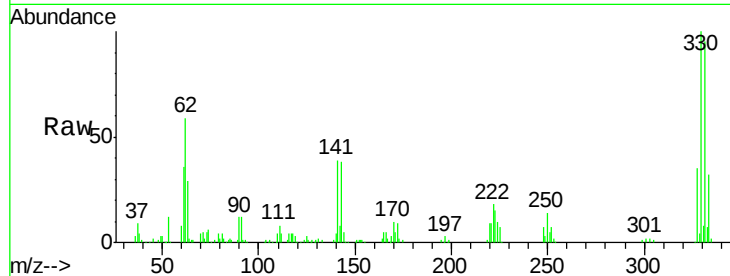
Tot Ion:198 Resp: 355

Ion Ratio Lower Upper

198 100

51 161.2 37.7 77.7#

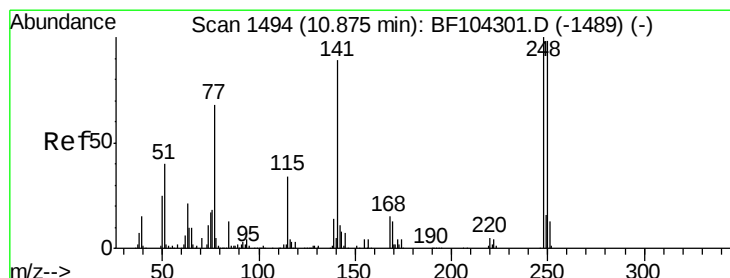
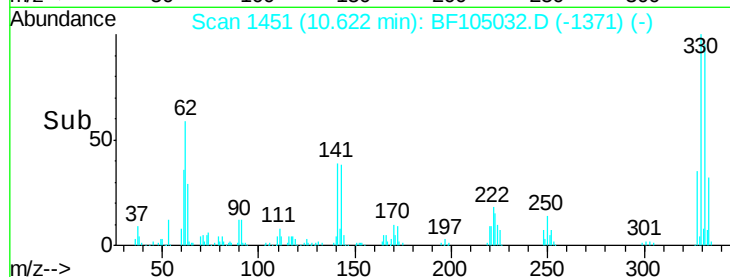
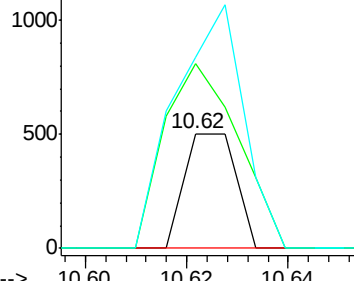
105 166.4 36.3 76.3#



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: 4.728 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

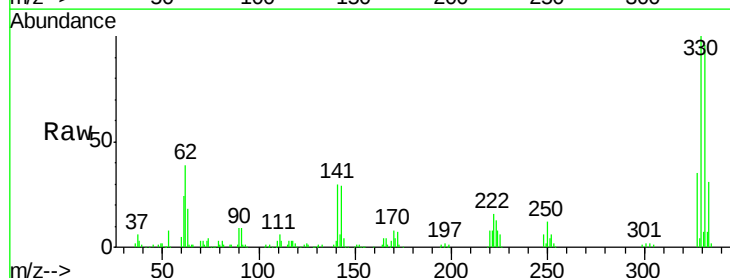
Tgt Ion:248 Resp: 13856

Ion Ratio Lower Upper

248 100

250 188.0 76.9 115.3#

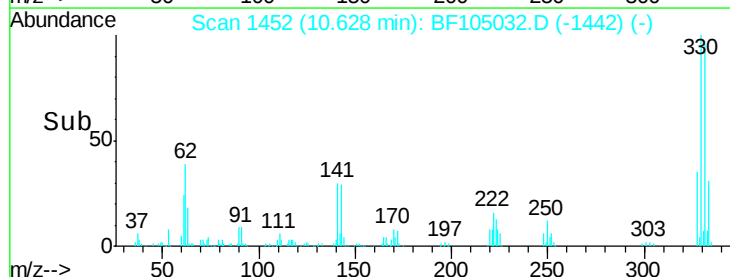
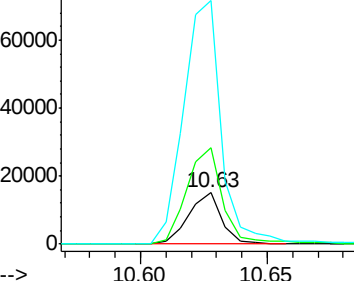
141 475.1 74.4 111.6#

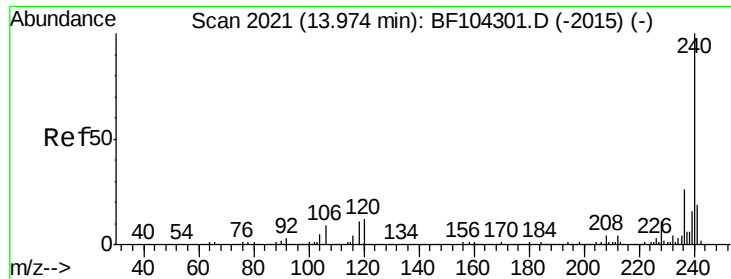


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

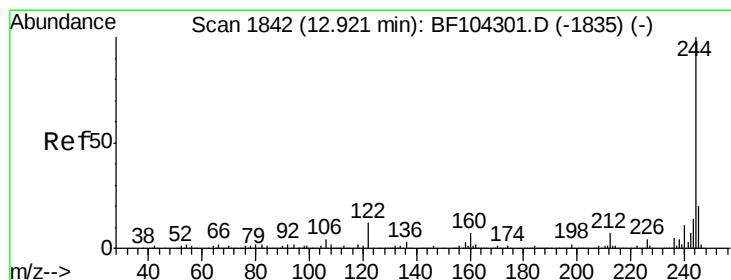
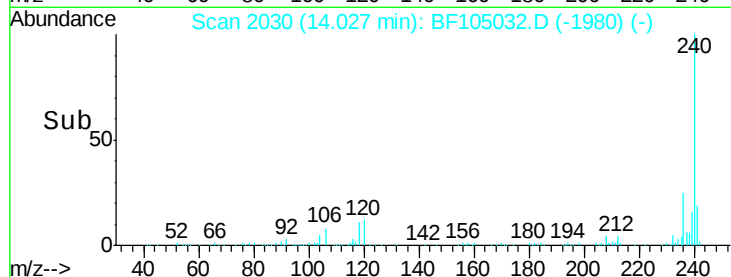
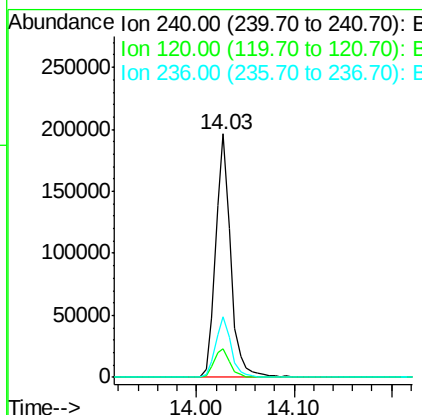
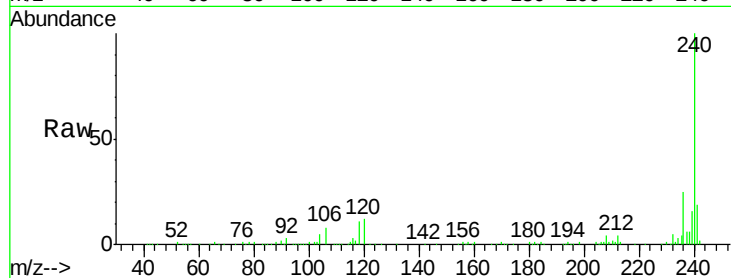




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

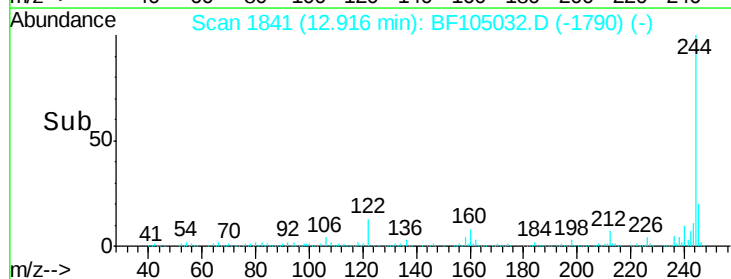
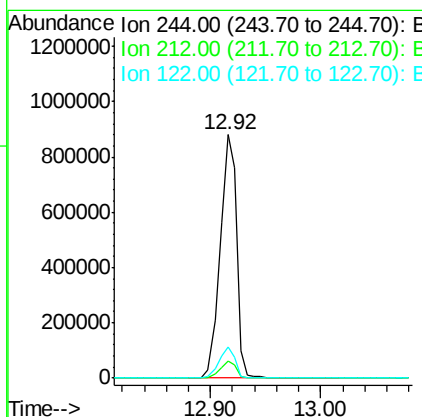
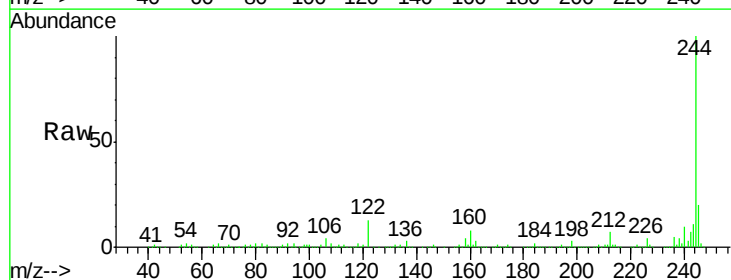
Instrument :
 BNA_F
 ClientSampled :

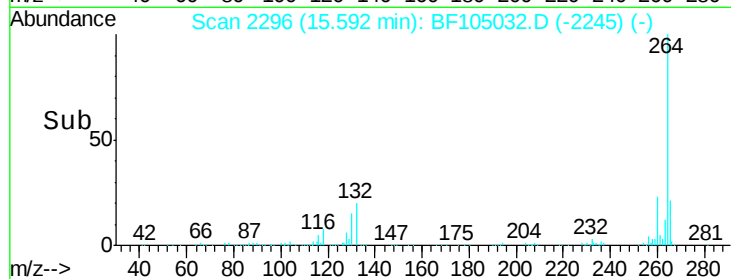
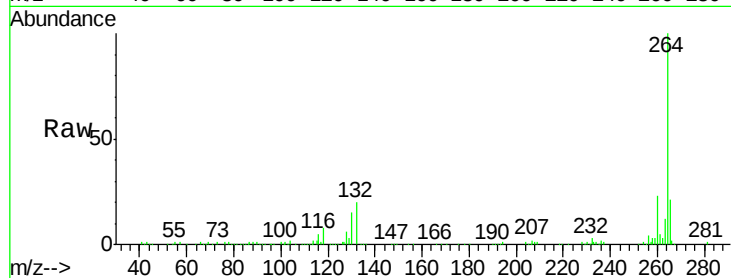
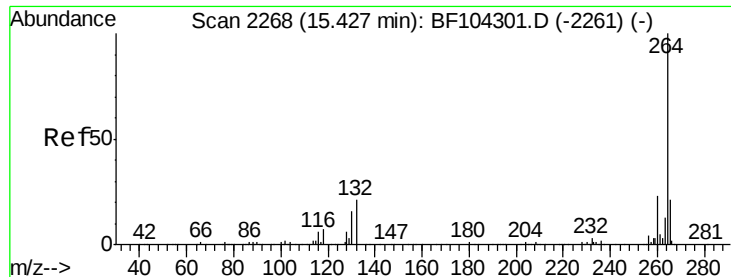
Tot Ion:240 Resp: 209241
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 99.422 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:244 Resp: 912487
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.7 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	191569
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	17.5	26.3

