

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101361.D
 Acq On : 13 Dec 2017 6:24
 Operator : SJ/JU
 Sample : I6764-06 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 08:31:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

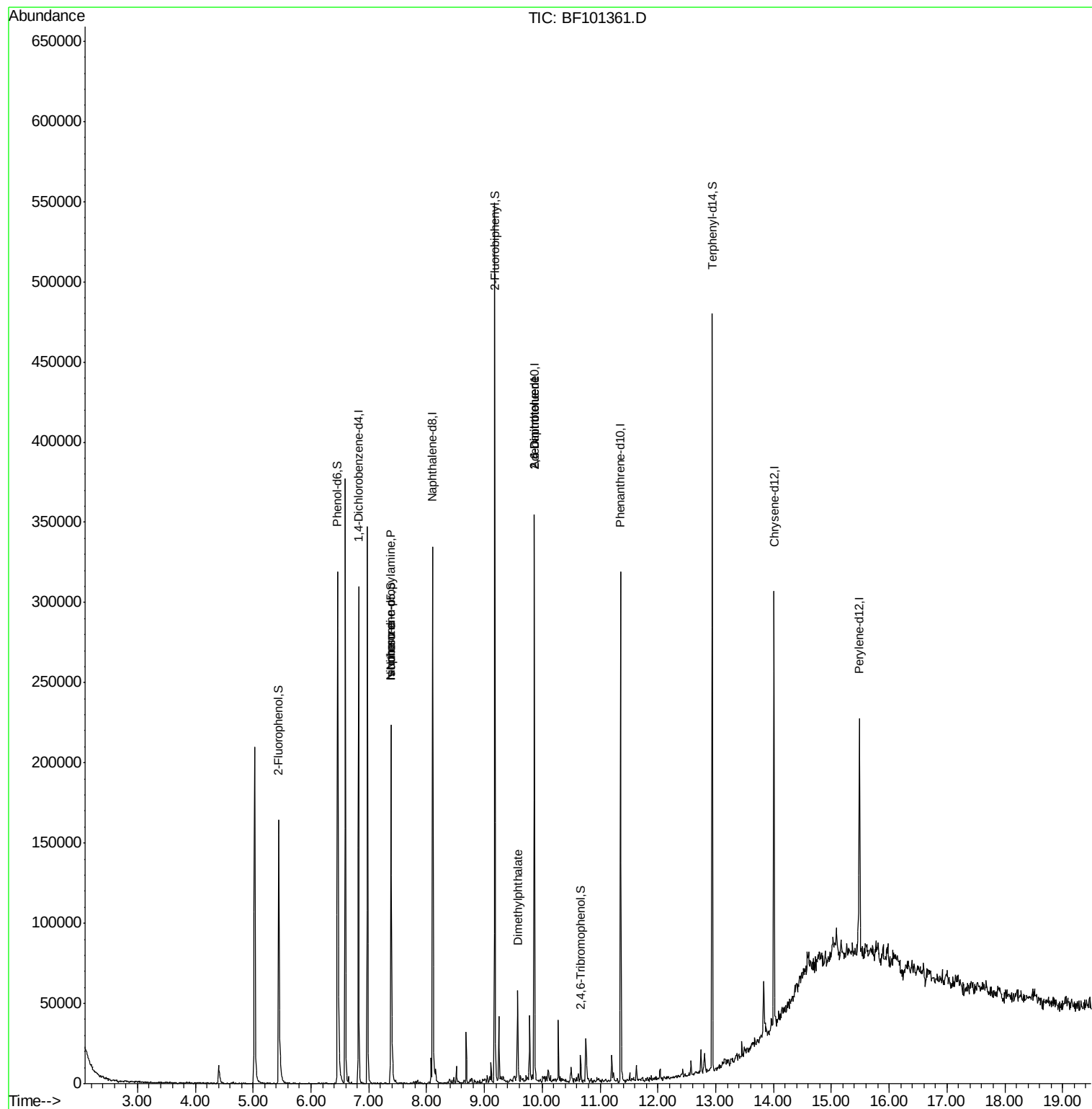
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44336	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	160839	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	64197	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	111512	20.00	ng	0.00
75) Chrysene-d12	14.01	240	87869	20.00	ng	0.00
86) Perylene-d12	15.49	264	66048	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	65972	24.59	ng	0.00
7) Phenol-d6	6.46	99	127044	39.00	ng	0.00
23) Nitrobenzene-d5	7.39	82	70257	26.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	3239	4.20	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	168699	35.95	ng	0.00
78) Terphenyl-d14	12.94	244	144903	36.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	9053	4.127	ng	# 79
25) Isophorone	7.39	82	70257	15.255	ng	# 64
49) Dimethylphthalate	9.57	163	19216	3.712	ng	# 99
50) 2,6-Dinitrotoluene	9.86	165	8023	7.357	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	8023	5.490	ng	# 21

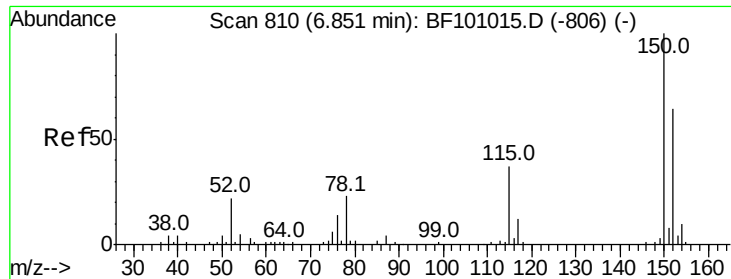
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101361.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Dec 13 08:31:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



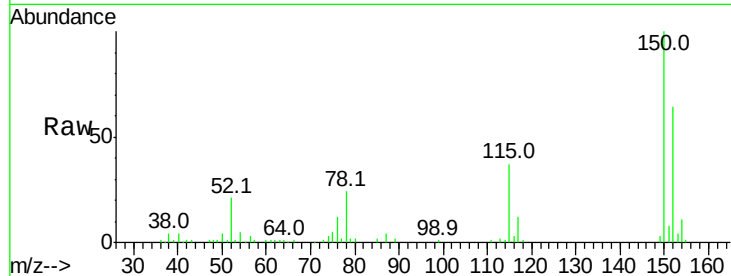


#1

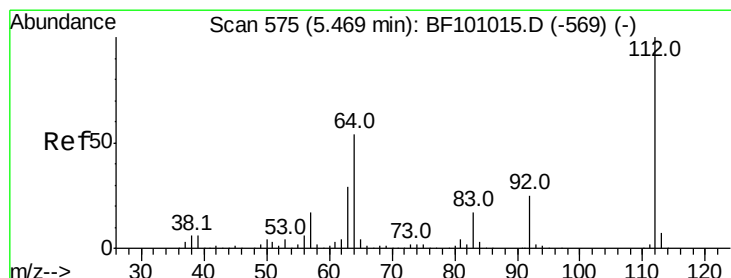
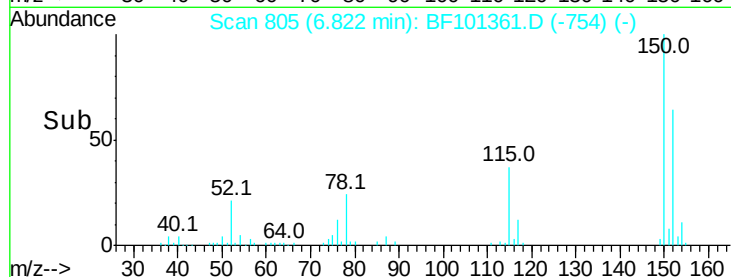
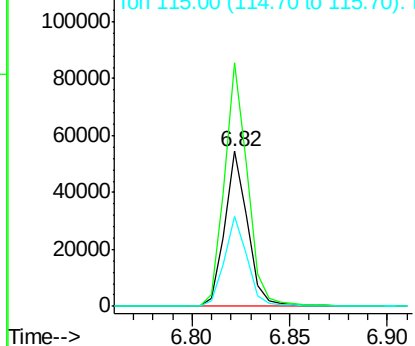
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44336
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 58.5 50.1 75.1



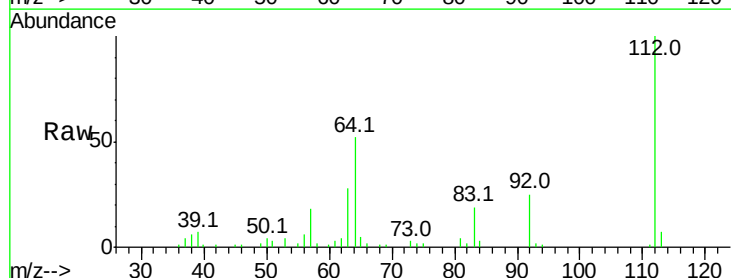
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



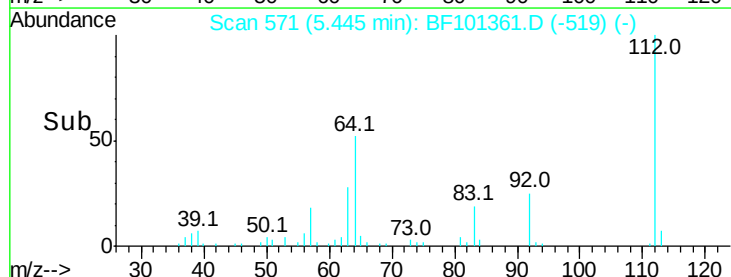
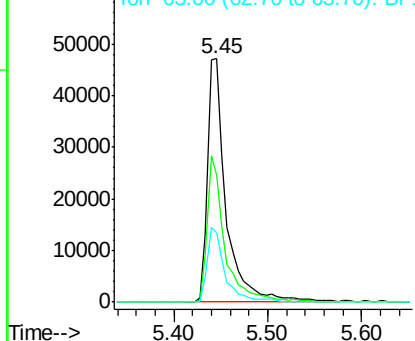
#5

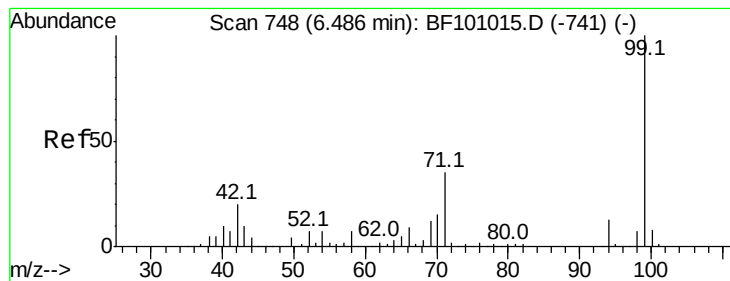
2-Fluorophenol
Concen: 24.588 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

Tgt Ion:112 Resp: 65972
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 28.4 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: 39.001 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

Instrument :

BNA_F

ClientSampleId :

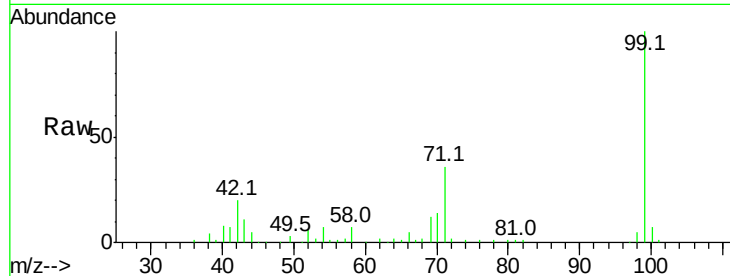
Tot Ion: 99 Resp: 127044

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

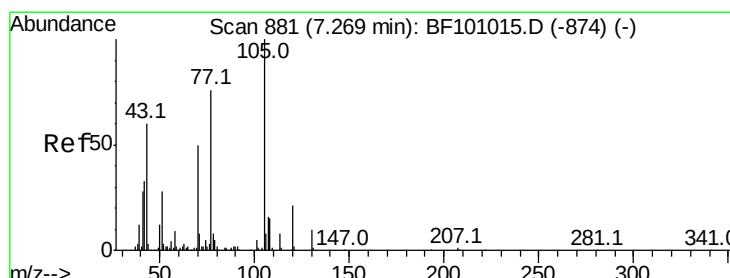
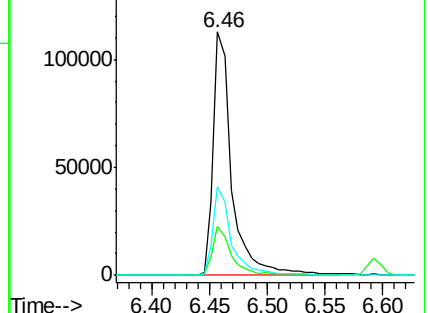
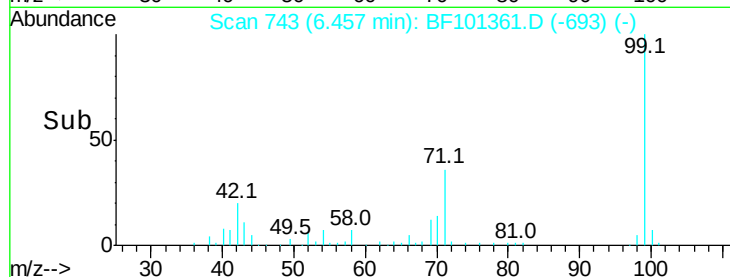
71 36.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.127 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

Tgt Ion: 70 Resp: 9053

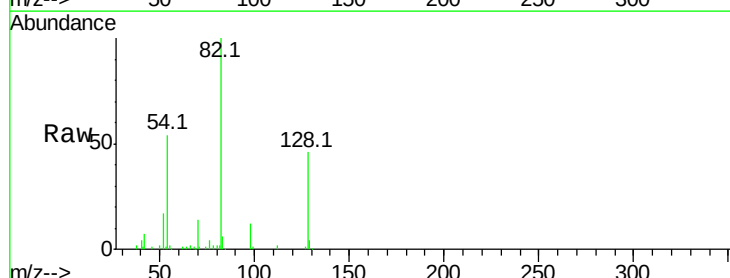
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 3.3 16.6 25.0#

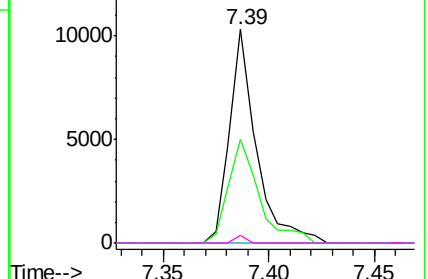
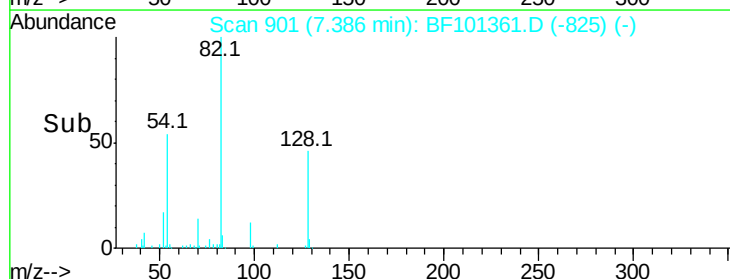


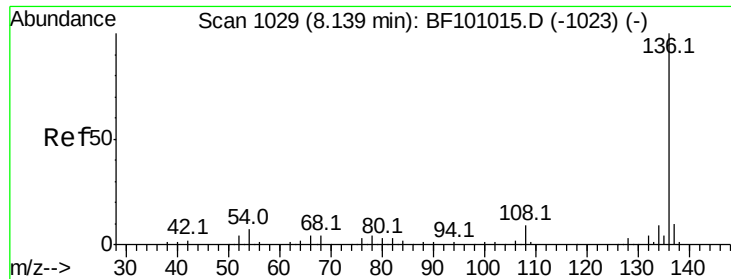
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

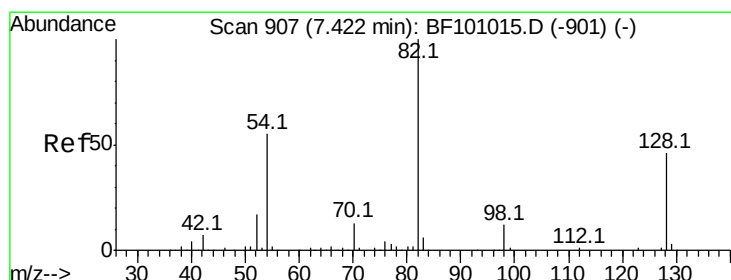
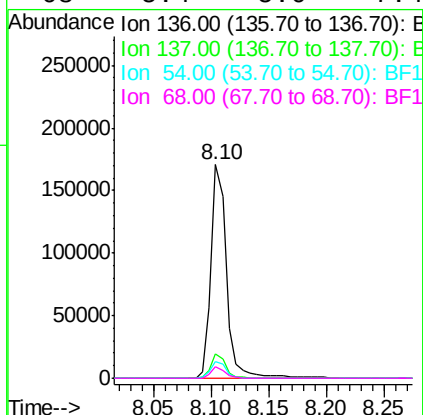
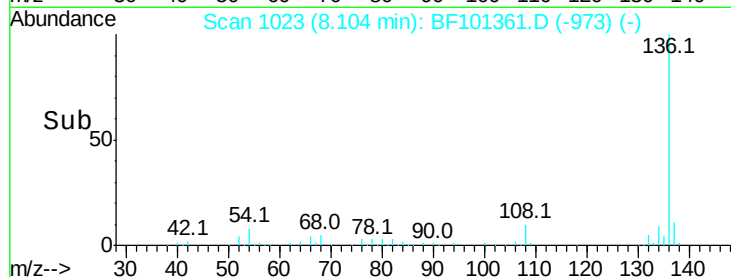
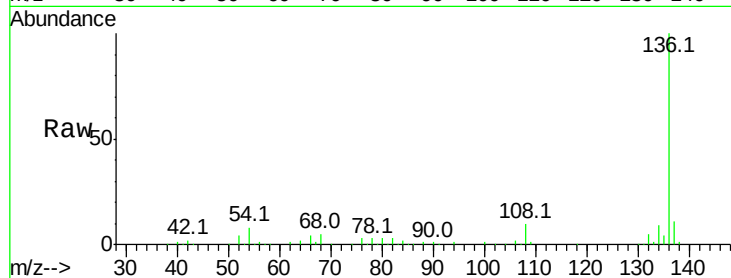




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

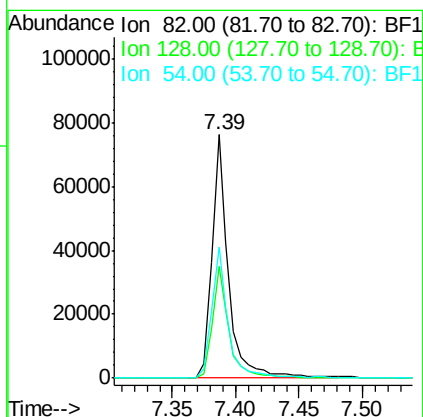
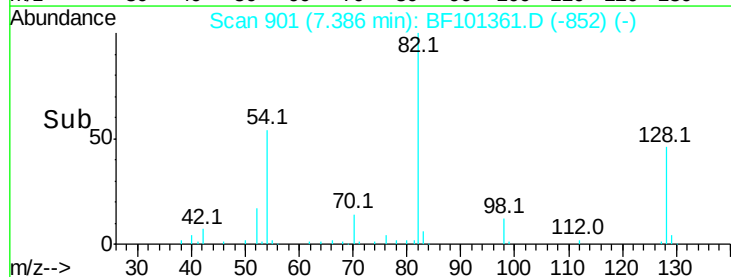
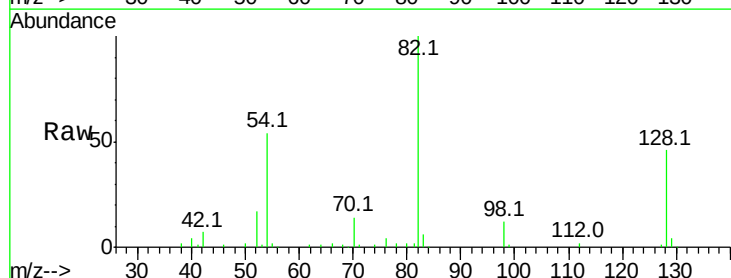
Instrument :
BNA_F
ClientSampleId :

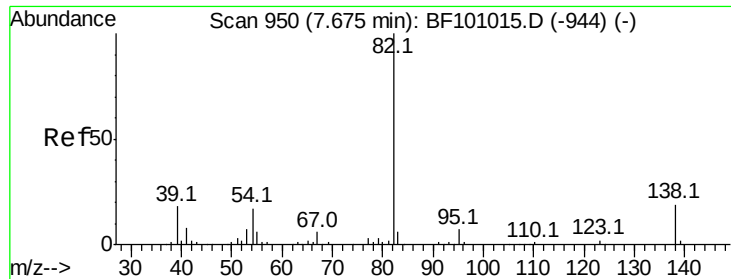
Tot Ion:	136	Resp:	160839
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 26.057 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

Tgt Ion:	82	Resp:	70257
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.7	41.4	62.2

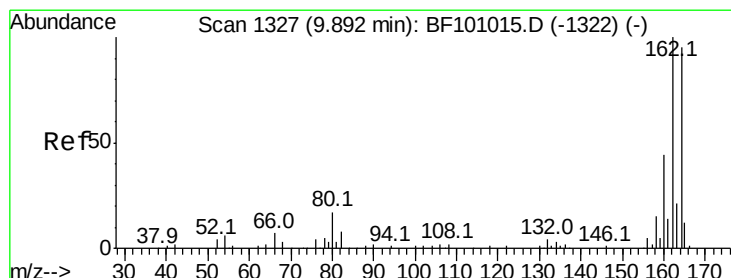
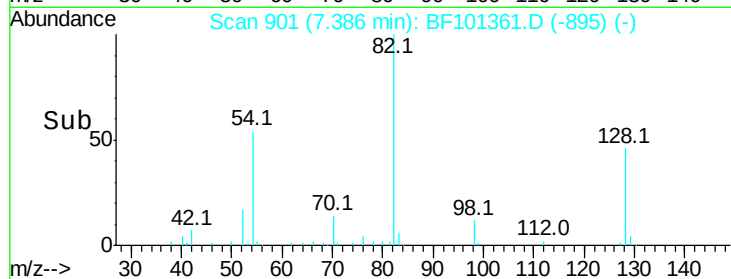
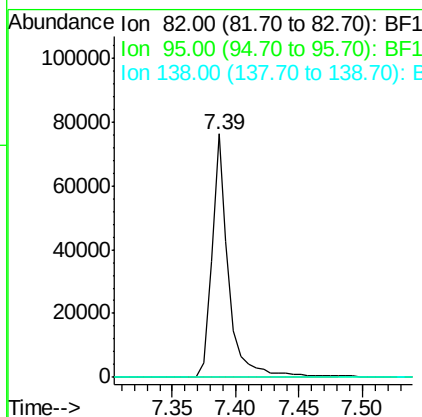
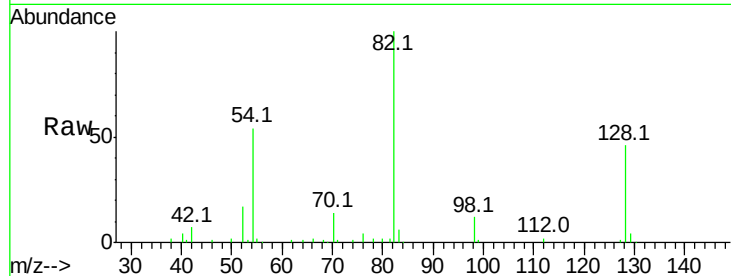




#25
Isophorone
Concen: 15.255 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

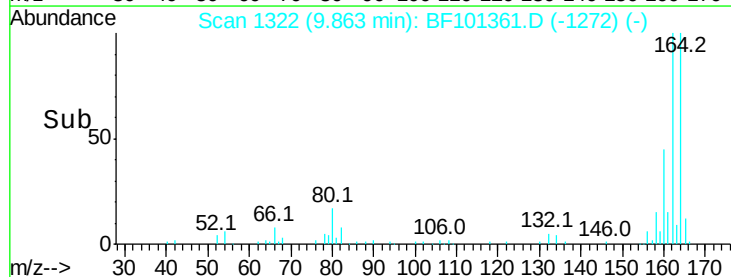
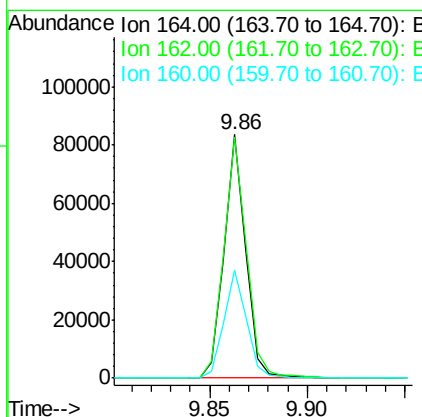
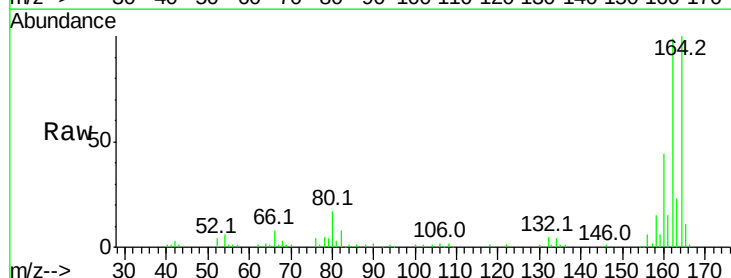
Instrument :
BNA_F
ClientSampled :

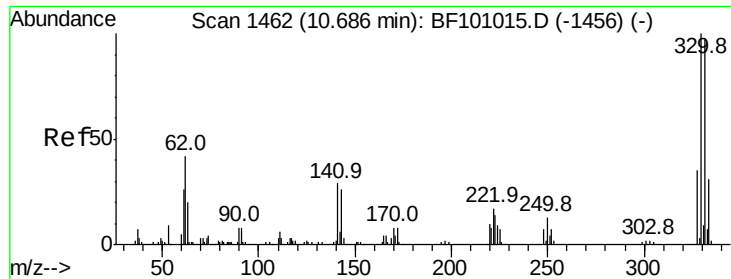
Tot Ion: 82 Resp: 70257
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

Tgt Ion:164 Resp: 64197
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 44.2 38.3 57.5

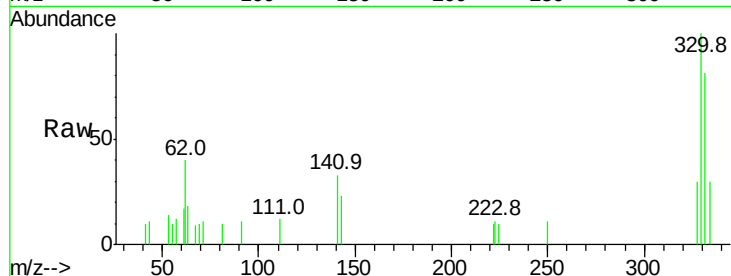




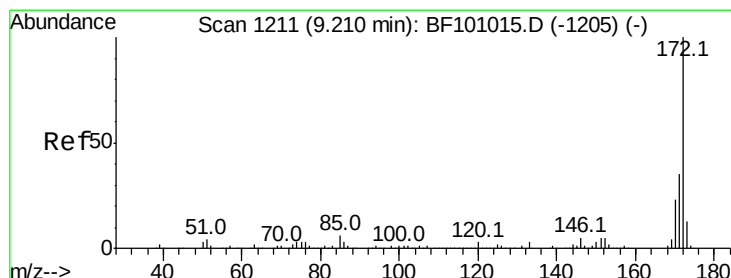
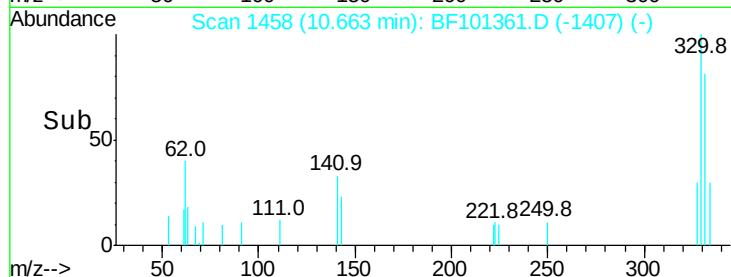
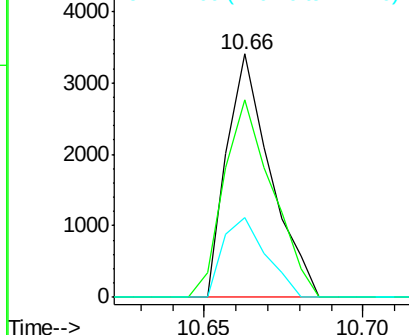
#41
 2,4,6-Tribromophenol
 Concen: 4.200 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101361.D
 Acq: 13 Dec 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 3239
 Ion Ratio Lower Upper
 330 100
 332 91.0 77.0 115.6
 141 32.4 29.9 44.9

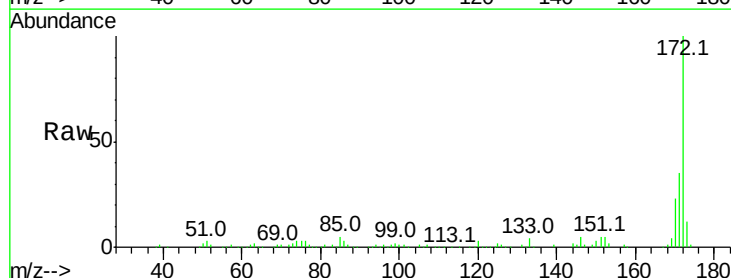


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

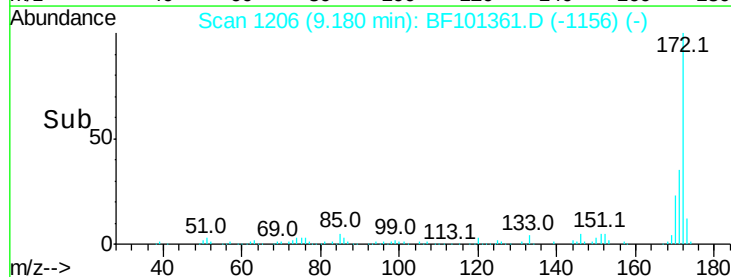
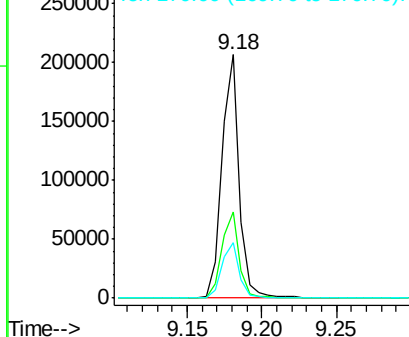


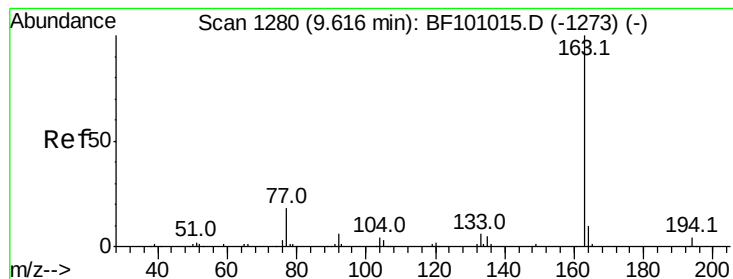
#44
 2-Fluorobiphenyl
 Concen: 35.954 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101361.D
 Acq: 13 Dec 2017 6:24

Tgt Ion:172 Resp: 168699
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.7 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: 3.712 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

Instrument :

BNA_F

ClientSampleId :

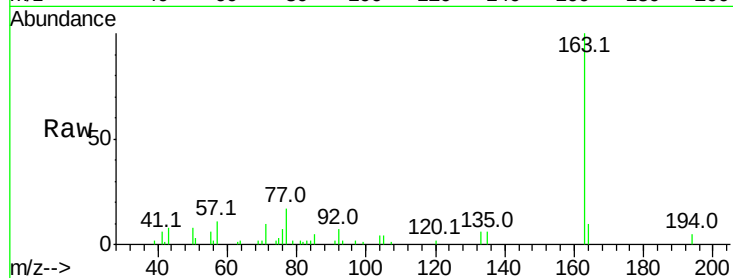
Tot Ion:163 Resp: 19216

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

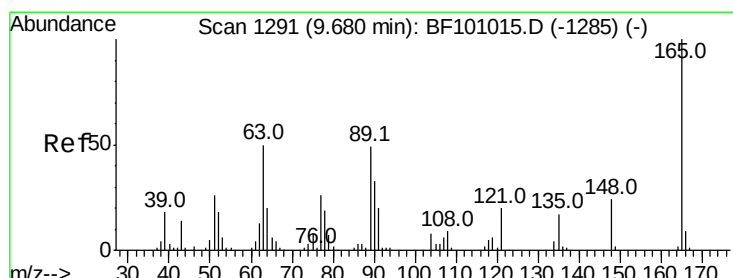
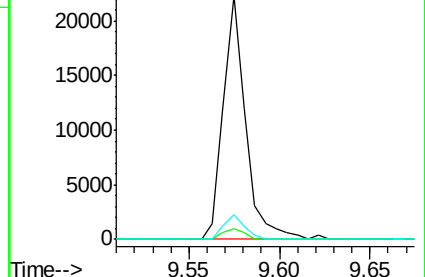
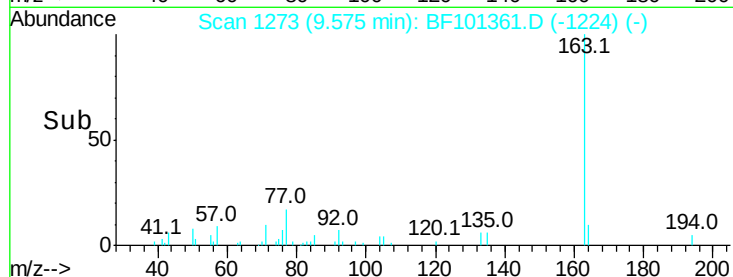
164 10.3 8.2 12.2



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: 7.357 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

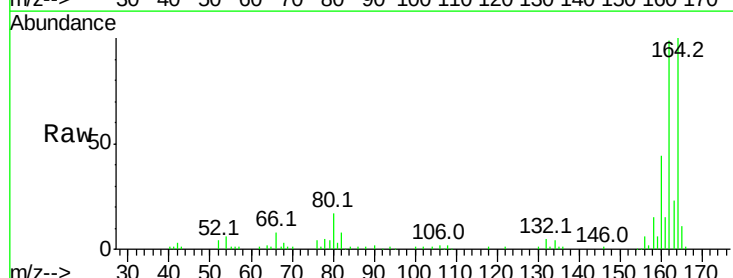
Tgt Ion:165 Resp: 8023

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

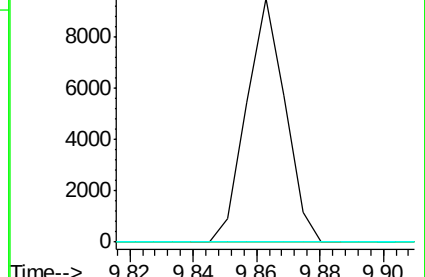
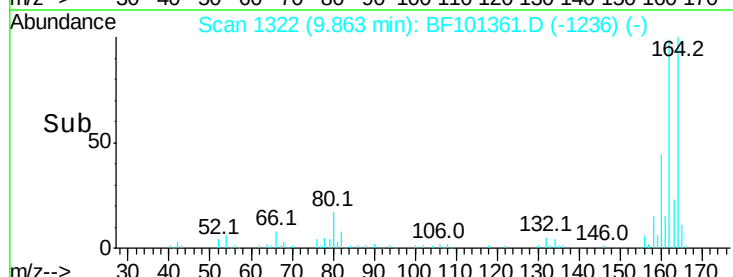
89 0.0 44.0 66.0#

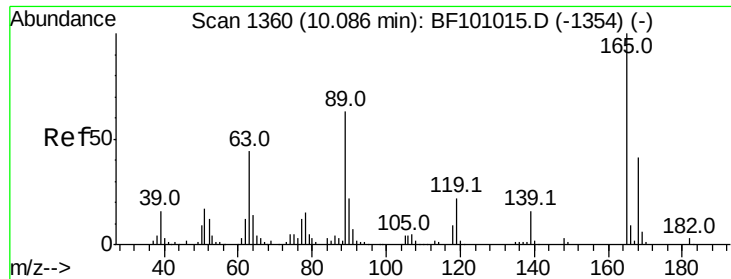


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 5.490 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.20 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 8023

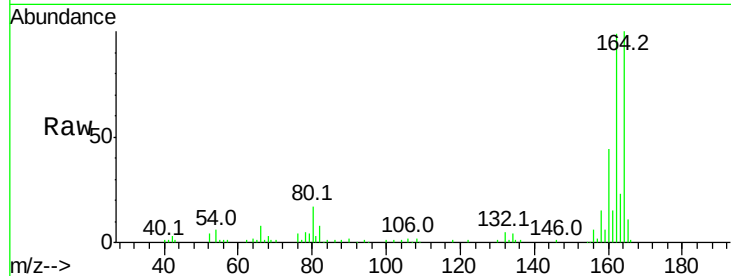
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

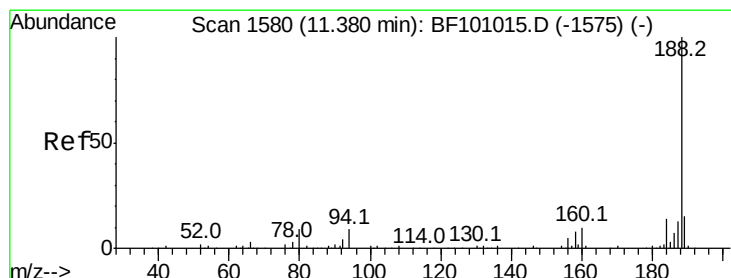
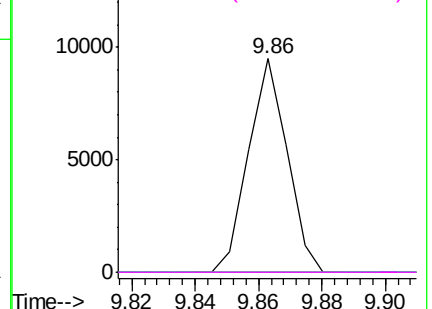
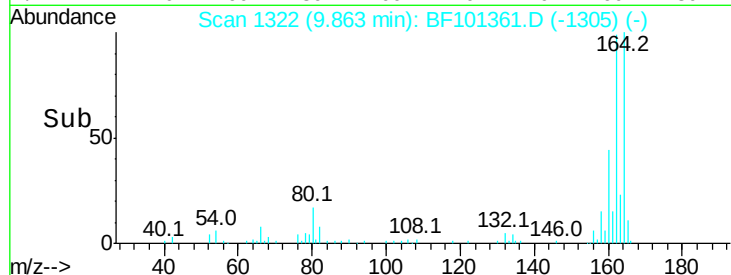


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

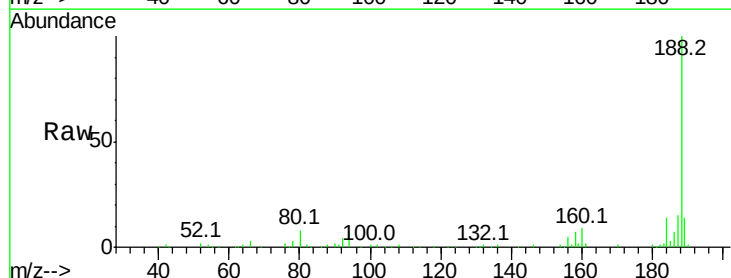
Tgt Ion:188 Resp: 111512

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

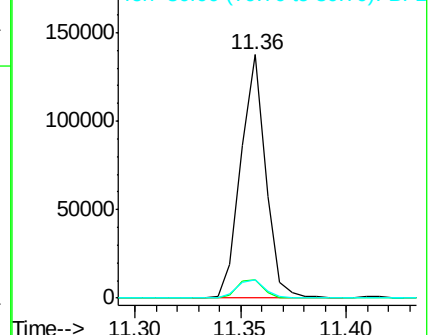
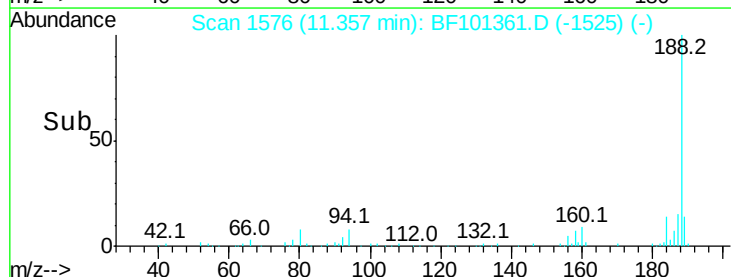
80 7.6 9.2 13.8#

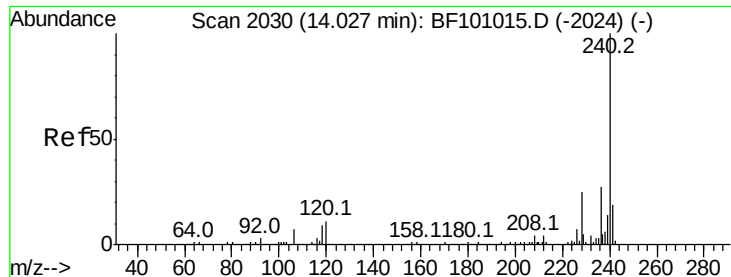


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

Instrument :

BNA_F

ClientSampled :

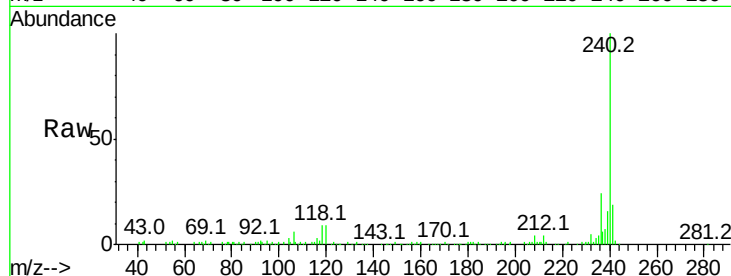
Tot Ion:240 Resp: 87869

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

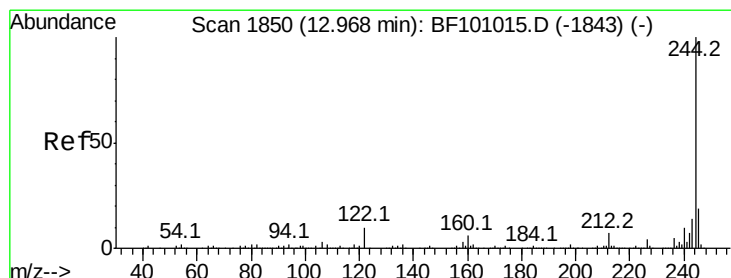
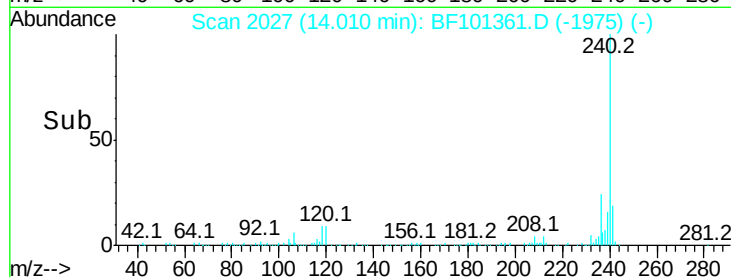
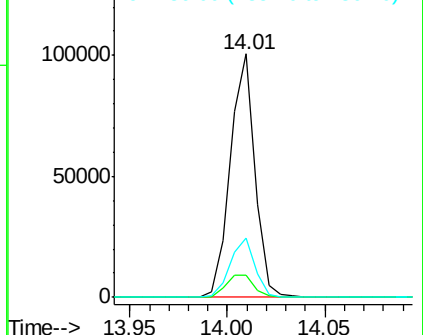
236 24.5 20.7 31.1



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: 36.070 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101361.D

Acq: 13 Dec 2017 6:24

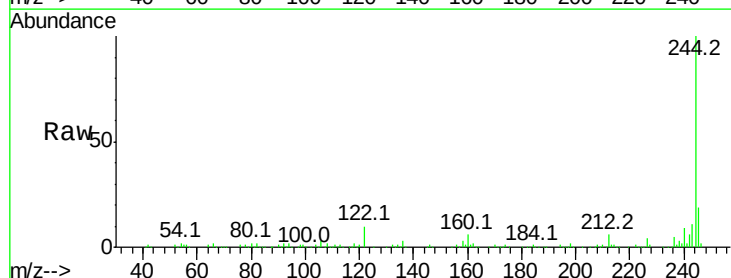
Tgt Ion:244 Resp: 144903

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

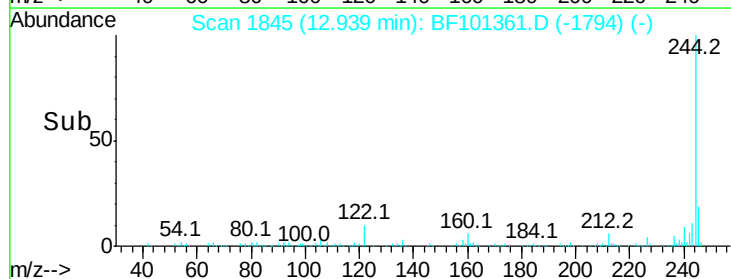
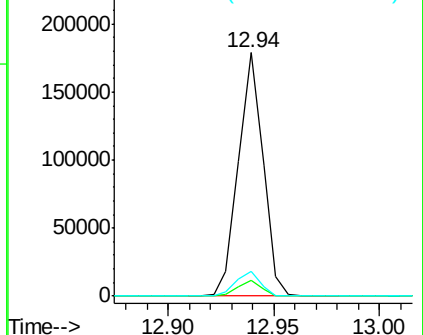
122 10.4 11.0 16.4#

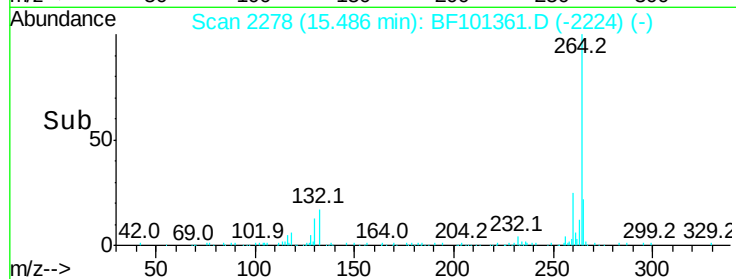
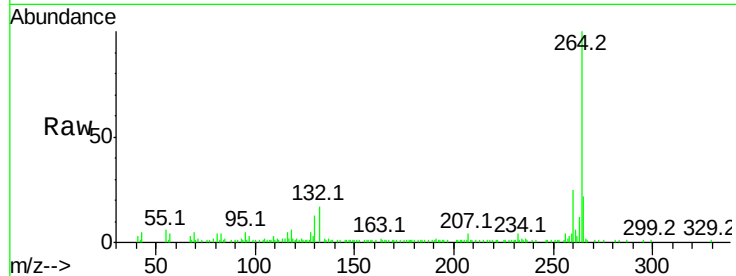
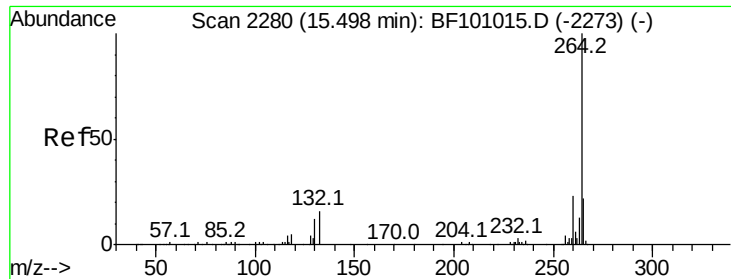


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101361.D
Acq: 13 Dec 2017 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.4	17.5	26.3

