

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101241.D
 Acq On : 8 Dec 2017 17:44
 Operator : SJ/JU
 Sample : I6680-09 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 18:19:49 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

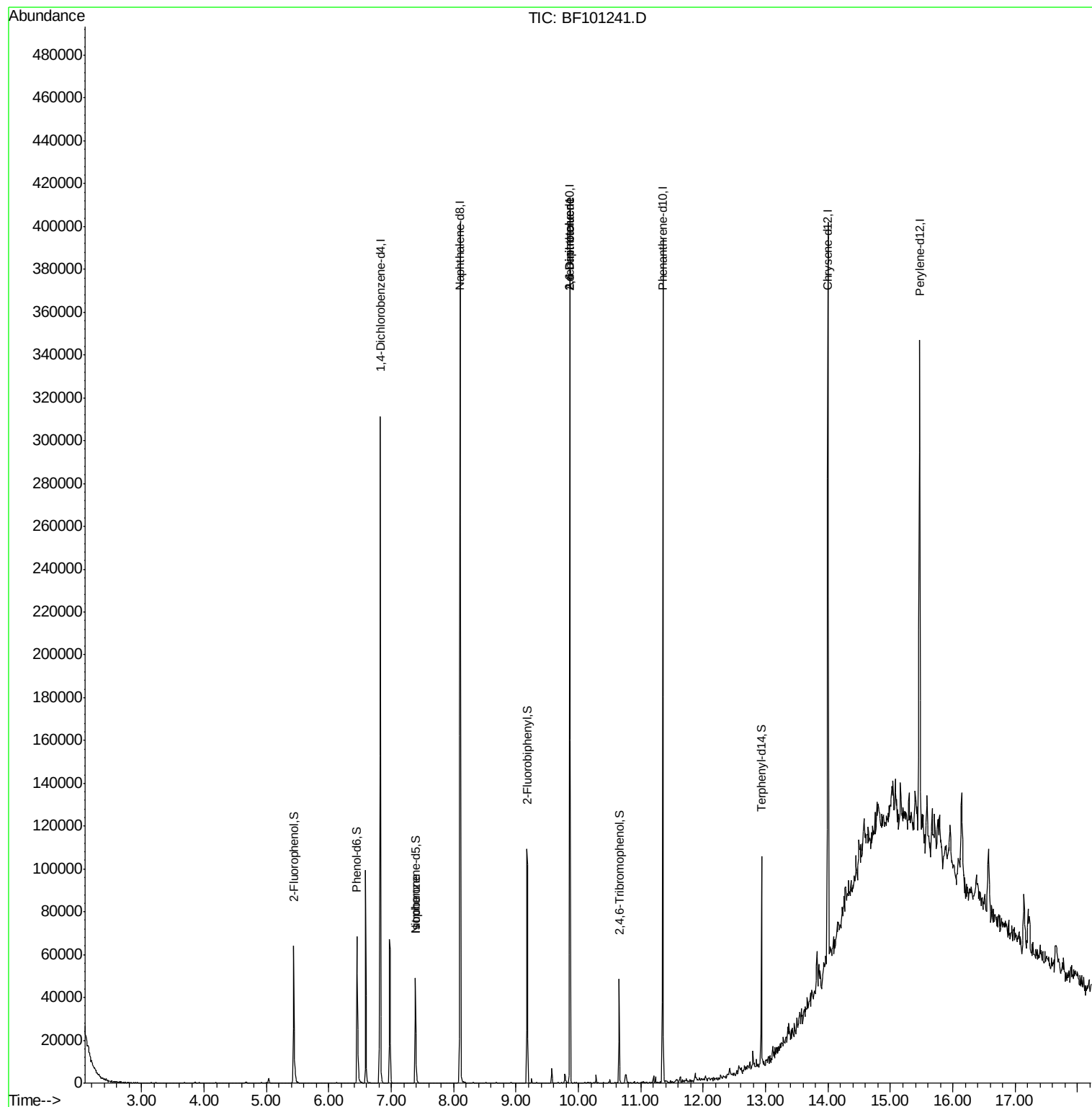
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42685	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	169563	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	75236	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	127670	20.00	ng	0.00
75) Chrysene-d12	14.00	240	108370	20.00	ng	0.00
86) Perylene-d12	15.47	264	94092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	22489	8.71	ng	0.00
7) Phenol-d6	6.45	99	27970	8.92	ng	-0.01
23) Nitrobenzene-d5	7.39	82	15672	5.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	6225	6.89	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	37318	6.79	ng	0.00
78) Terphenyl-d14	12.93	244	31238	6.30	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	15672	3.228	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	9205	7.203	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	9205	5.375	ng	# 21

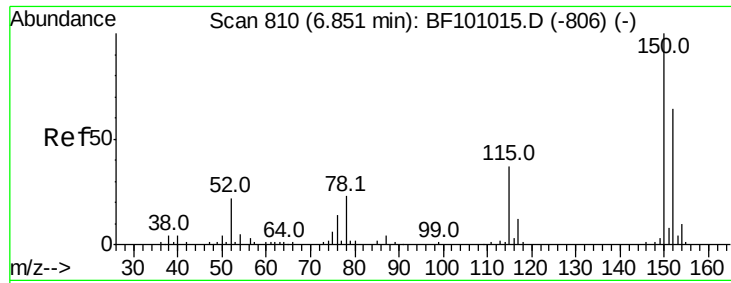
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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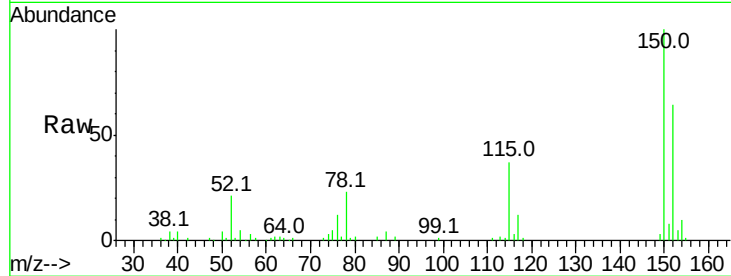


#1

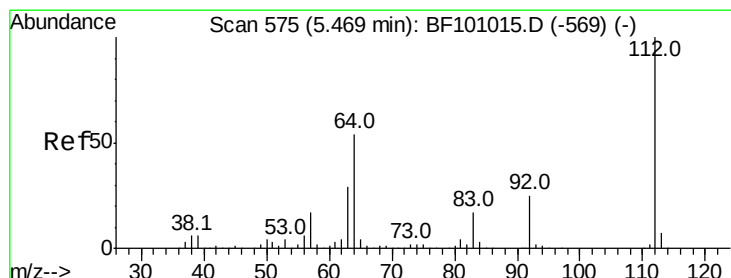
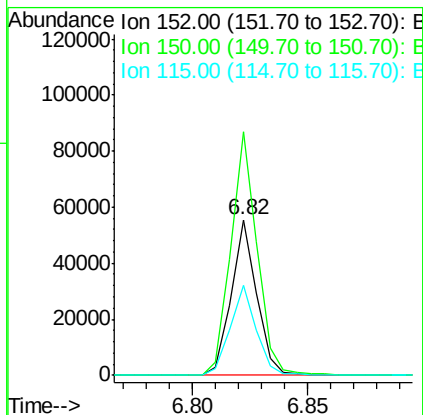
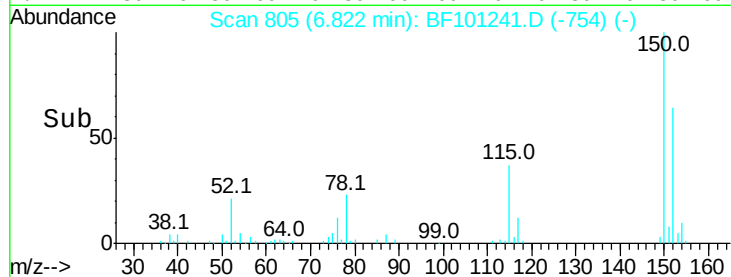
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101241.D
Acq: 8 Dec 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42685
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 57.7 50.1 75.1



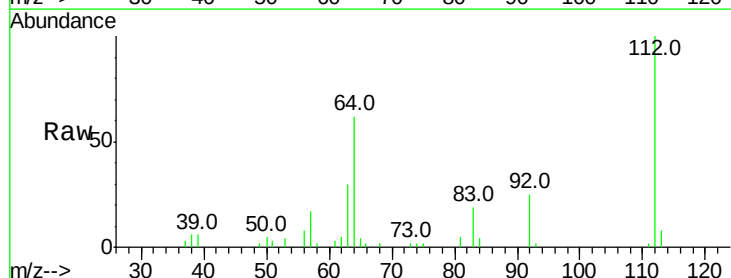
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



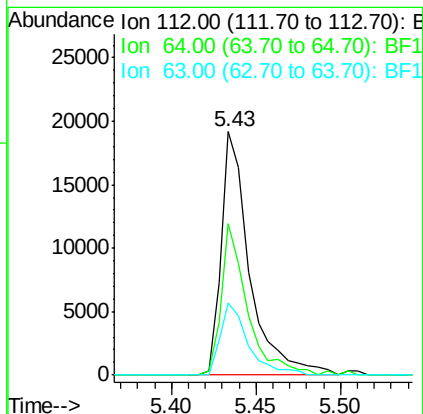
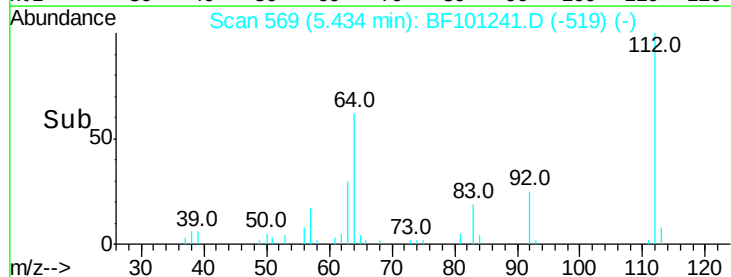
#5

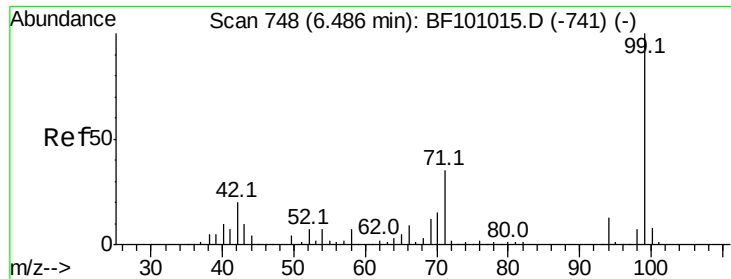
2-Fluorophenol
Concen: 8.706 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101241.D
Acq: 8 Dec 2017 17:44

Tgt Ion:112 Resp: 22489
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 29.6 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: 8.918 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101241.D

Acq: 8 Dec 2017 17:44

Instrument :

BNA_F

ClientSampleId :

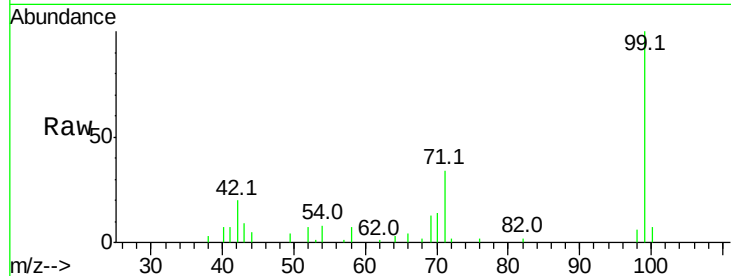
Tot Ion: 99 Resp: 27970

Ion Ratio Lower Upper

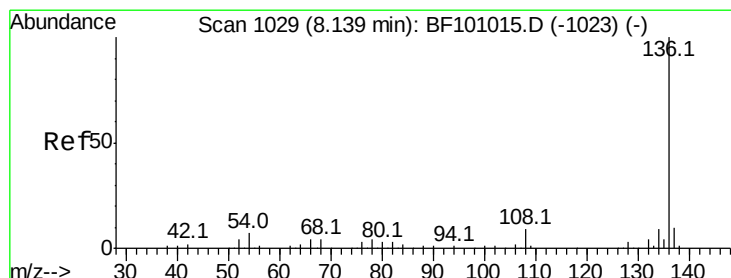
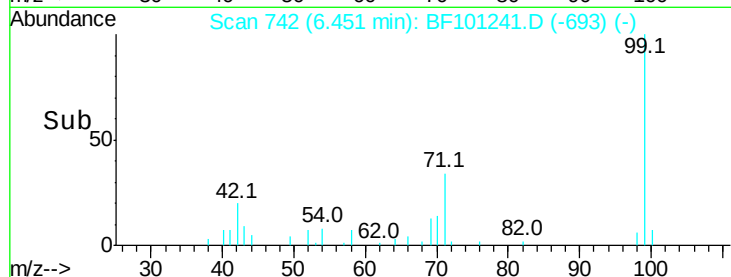
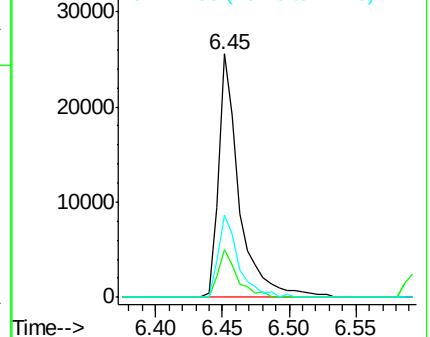
99 100

42 19.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101241.D

Acq: 8 Dec 2017 17:44

Tgt Ion: 136 Resp: 169563

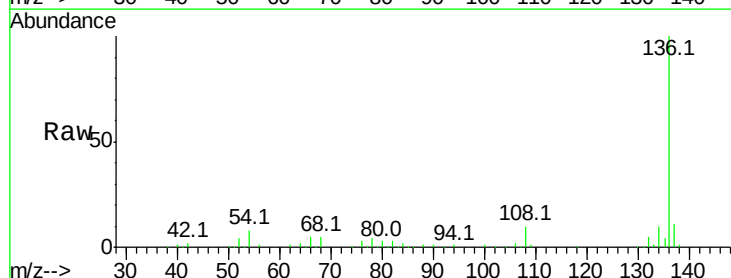
Ion Ratio Lower Upper

136 100

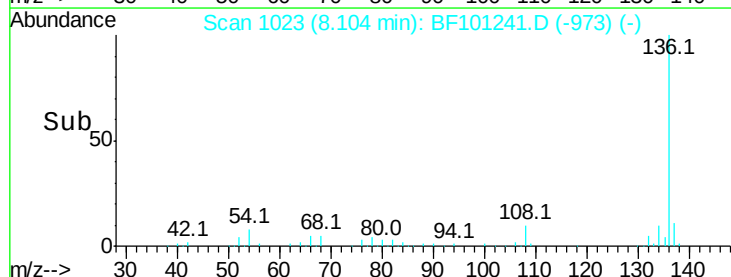
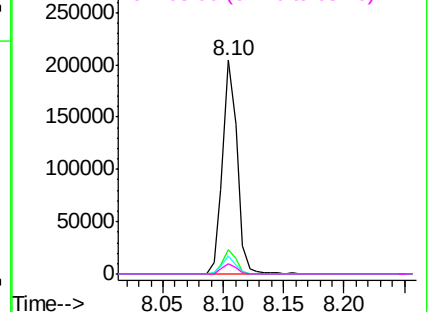
137 11.2 8.9 13.3

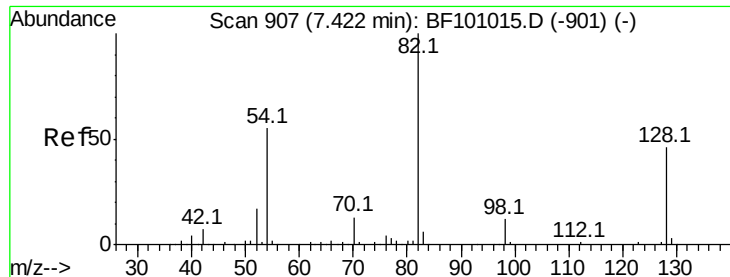
54 8.2 6.6 9.8

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

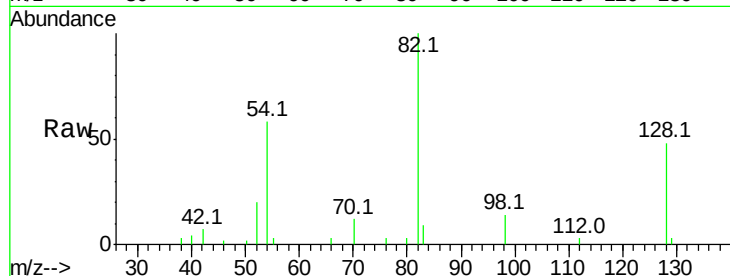




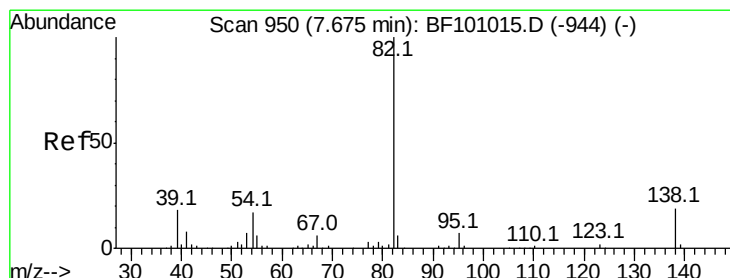
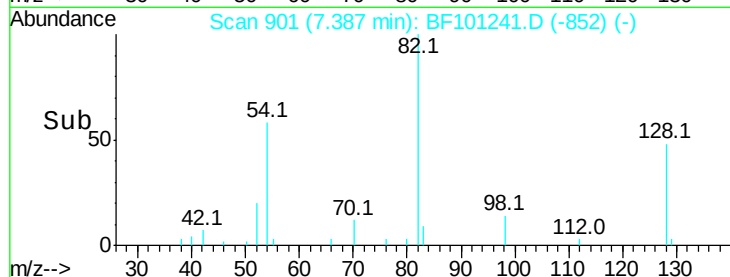
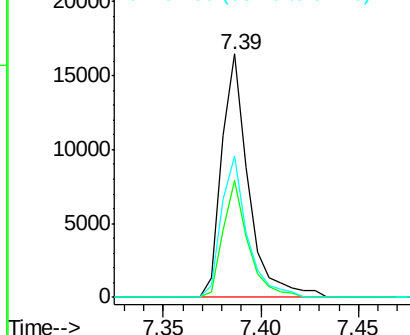
#23
Nitrobenzene-d5
Concen: 5.513 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101241.D
Acq: 8 Dec 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 15672
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 58.2 41.4 62.2

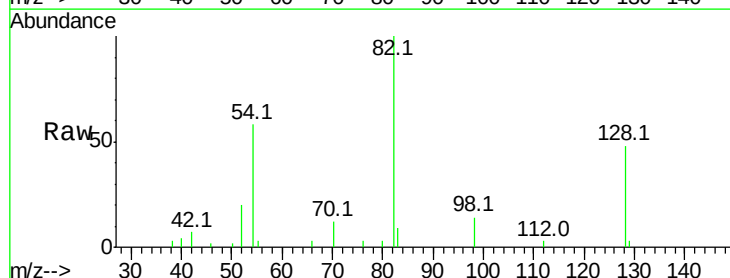


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

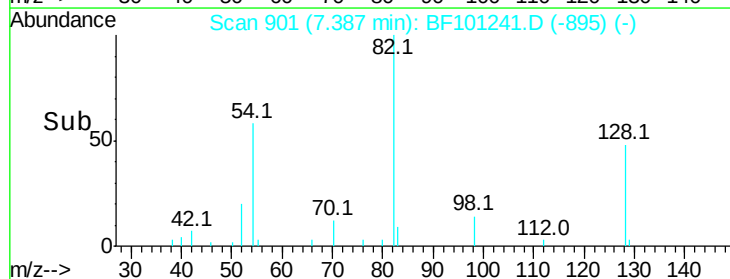
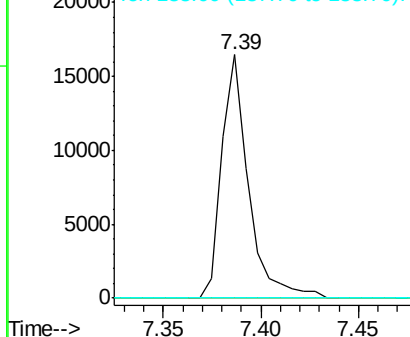


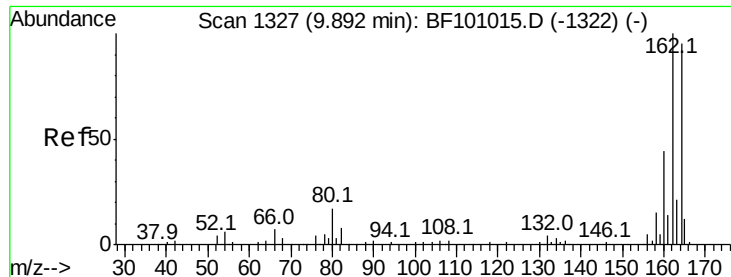
#25
Isophorone
Concen: 3.228 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101241.D
Acq: 8 Dec 2017 17:44

Tgt Ion: 82 Resp: 15672
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

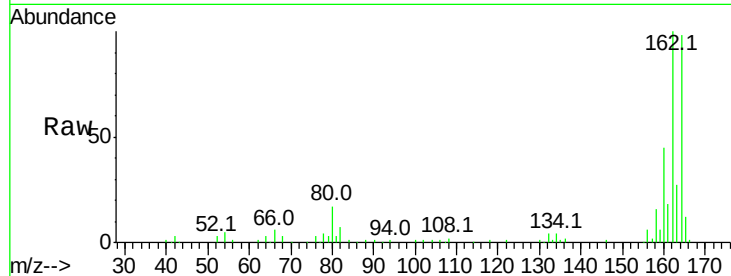




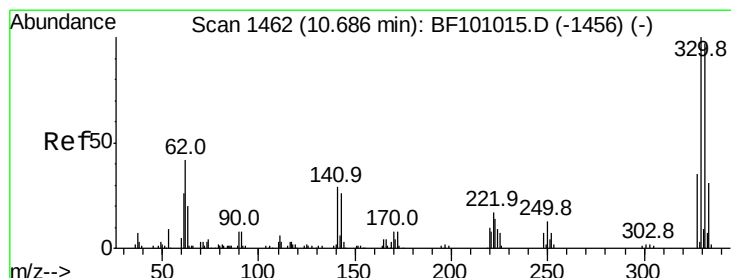
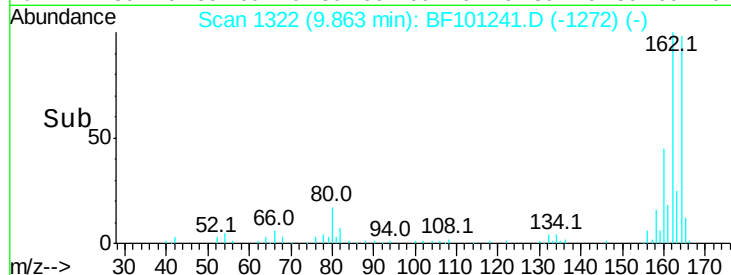
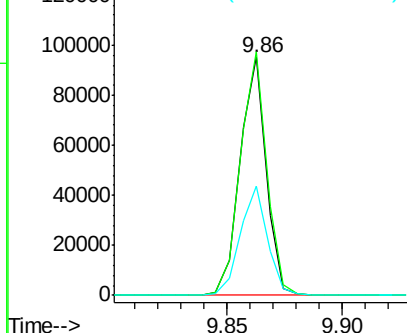
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 75236
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.6 38.3 57.5

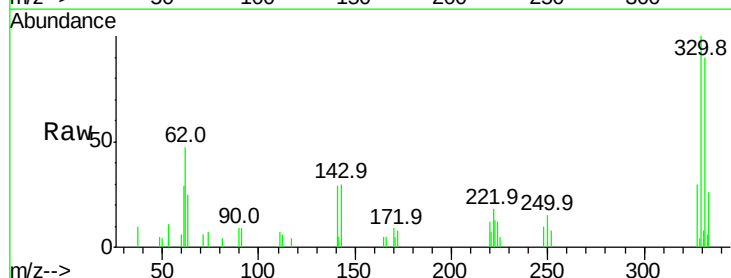


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

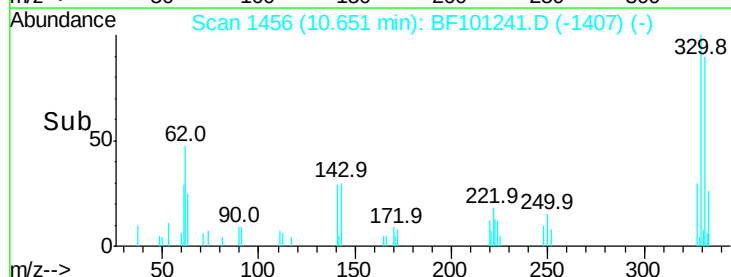
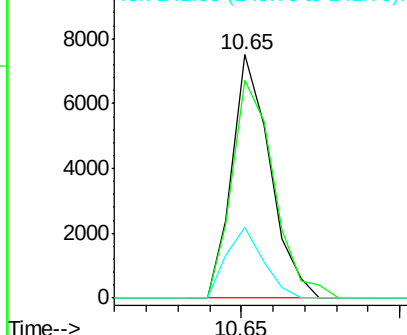


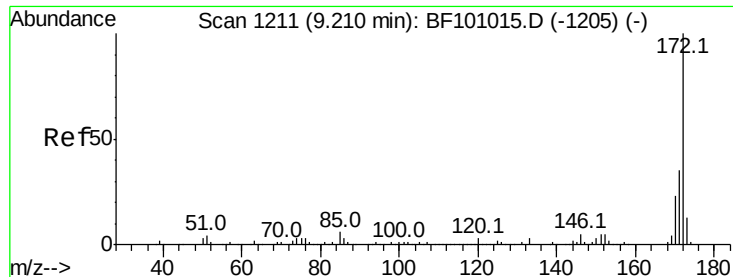
#41
 2,4,6-Tribromophenol
 Concen: 6.888 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

Tgt Ion:330 Resp: 6225
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 28.1 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

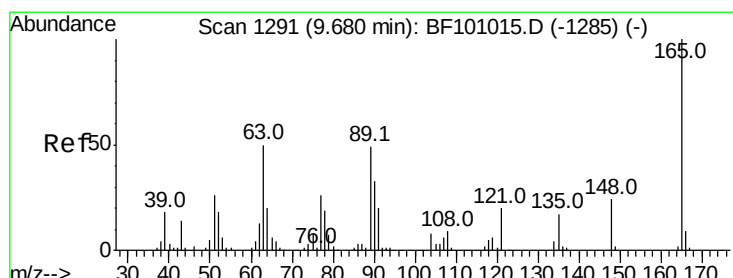
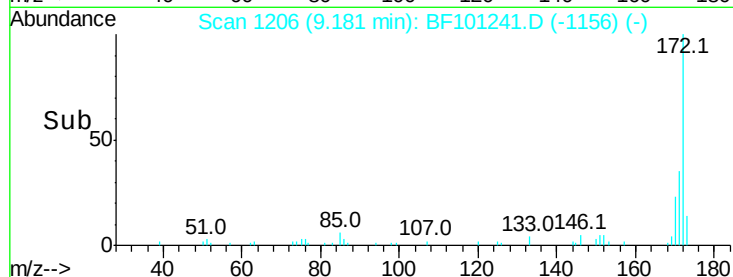
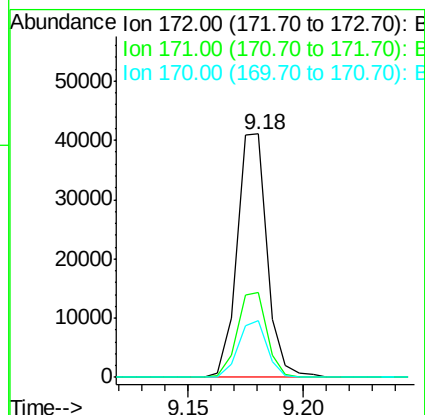
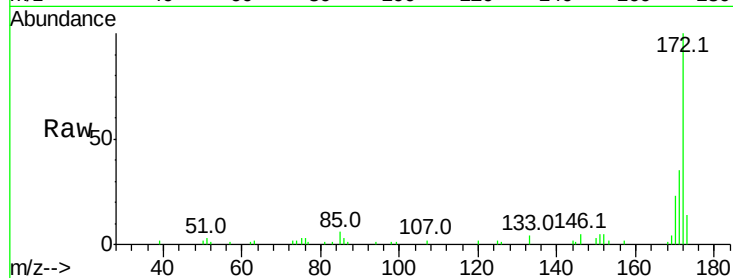




#44
 2-Fluorobiphenyl
 Concen: 6.786 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

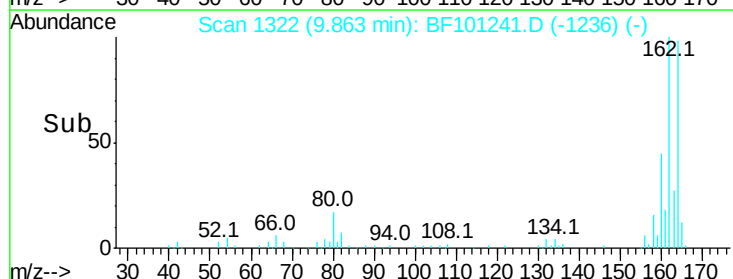
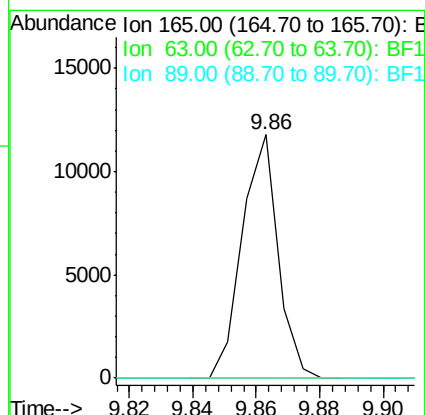
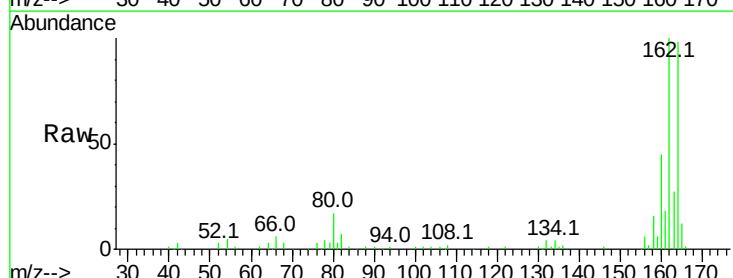
Instrument :
 BNA_F
 ClientSampleId :

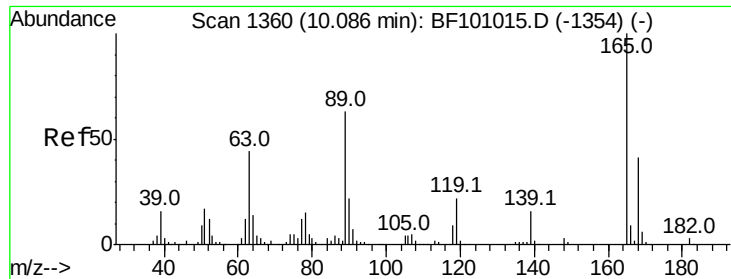
Tot Ion:172 Resp: 37318
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.203 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

Tgt Ion:165 Resp: 9205
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 5.375 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.20 min

Lab File: BF101241.D

Acq: 8 Dec 2017 17:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 9205

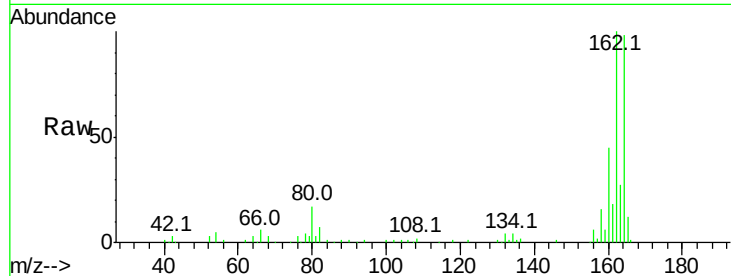
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

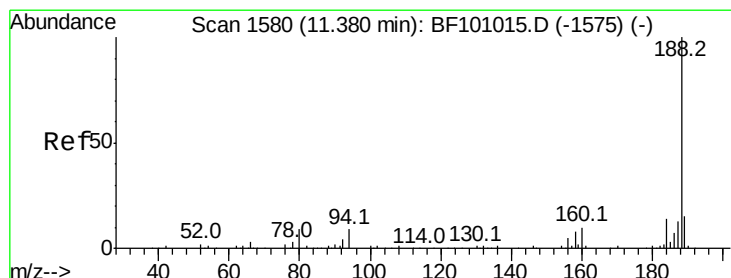
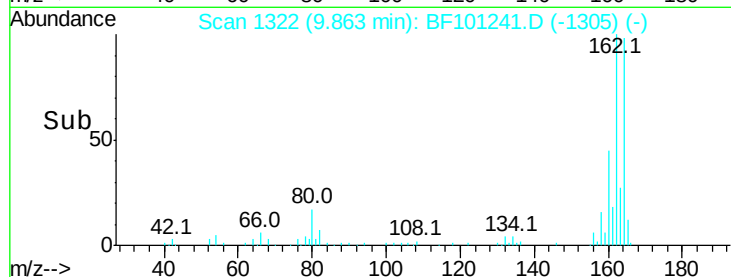
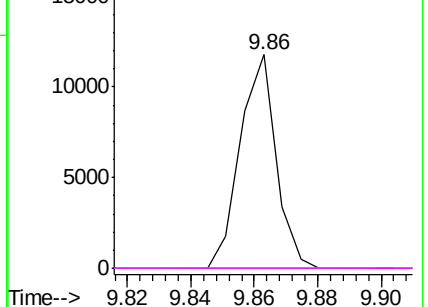


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF101241.D

Acq: 8 Dec 2017 17:44

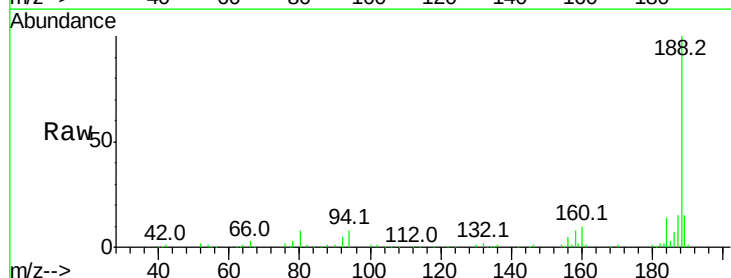
Tgt Ion:188 Resp: 127670

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

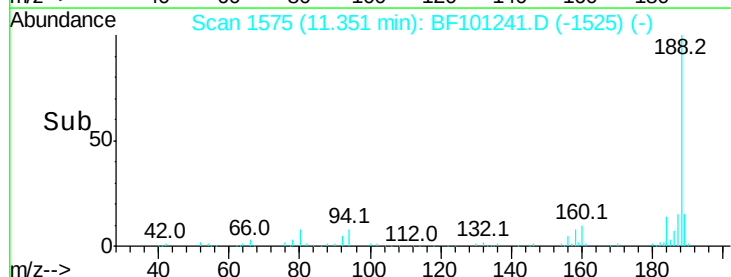
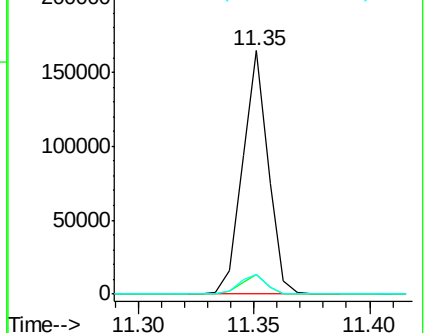
80 7.9 9.2 13.8#

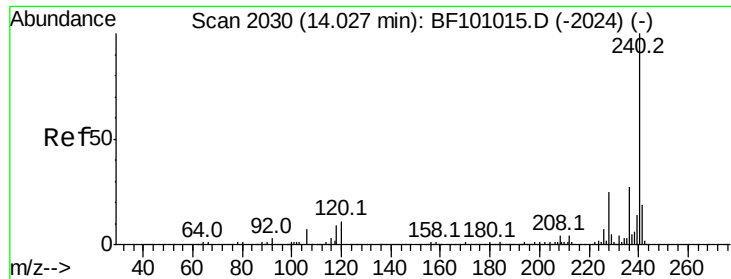


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

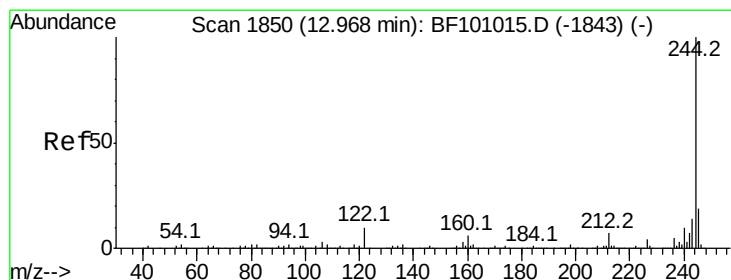
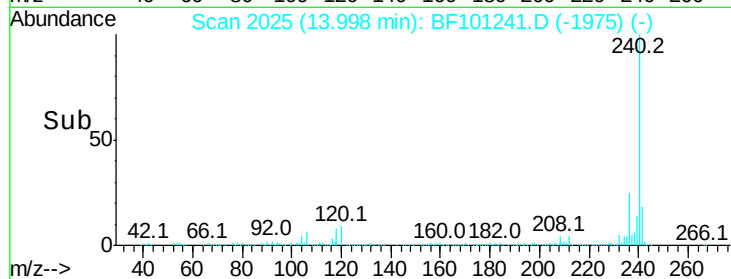
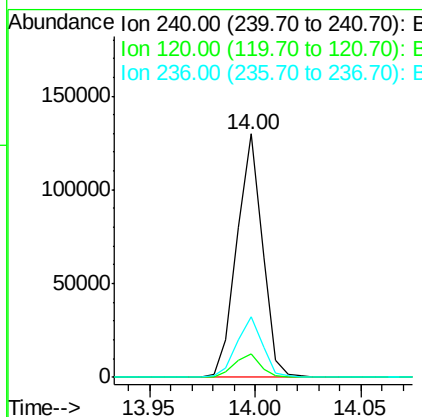
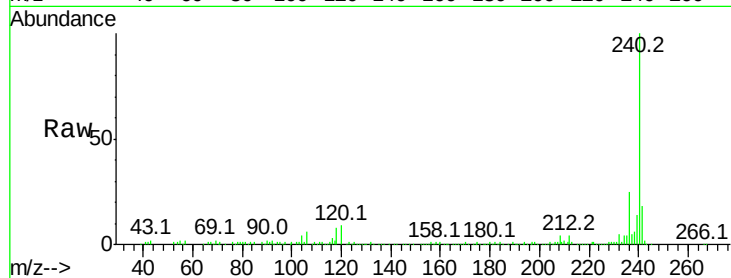




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

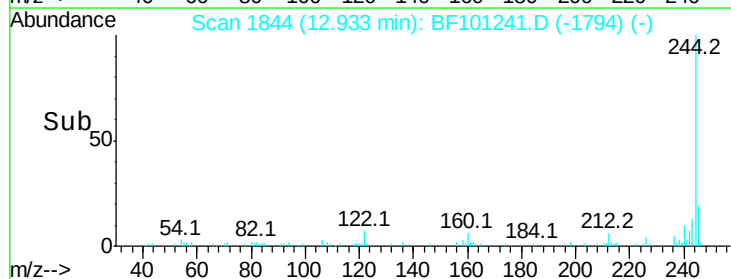
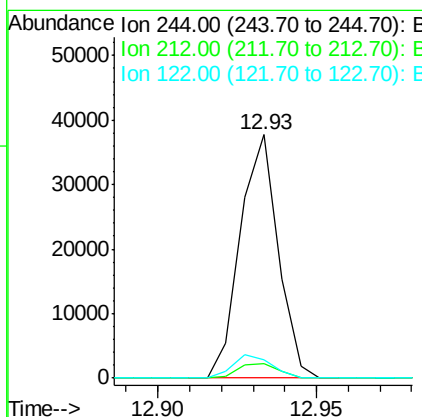
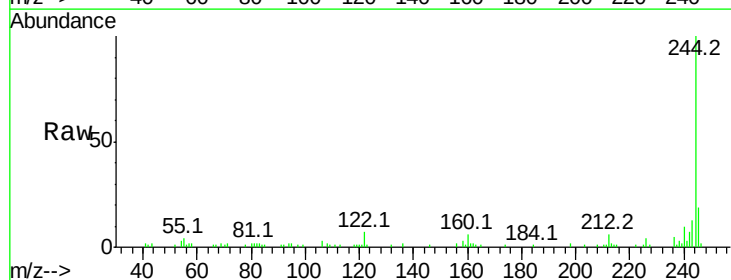
Instrument :
 BNA_F
 ClientSampleId :

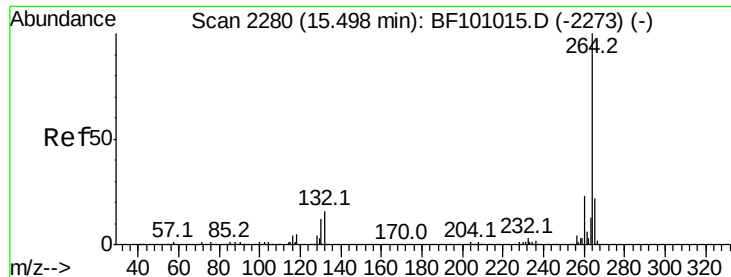
Tot Ion:240 Resp: 108370
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 24.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 6.305 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101241.D
 Acq: 8 Dec 2017 17:44

Tgt Ion:244 Resp: 31238
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.4 11.0 16.4#

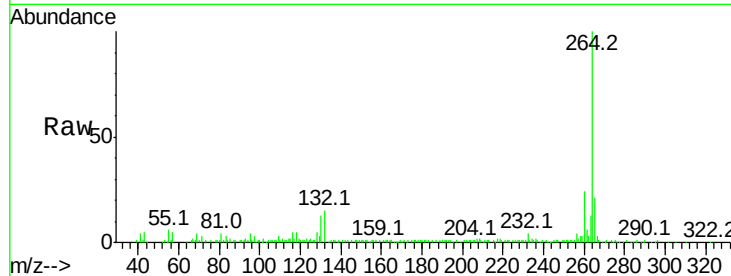




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101241.D
Acq: 8 Dec 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

