

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106403.D
 Acq On : 13 Jun 2018 20:42
 Operator : JU/SJ
 Sample : J3456-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:22:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

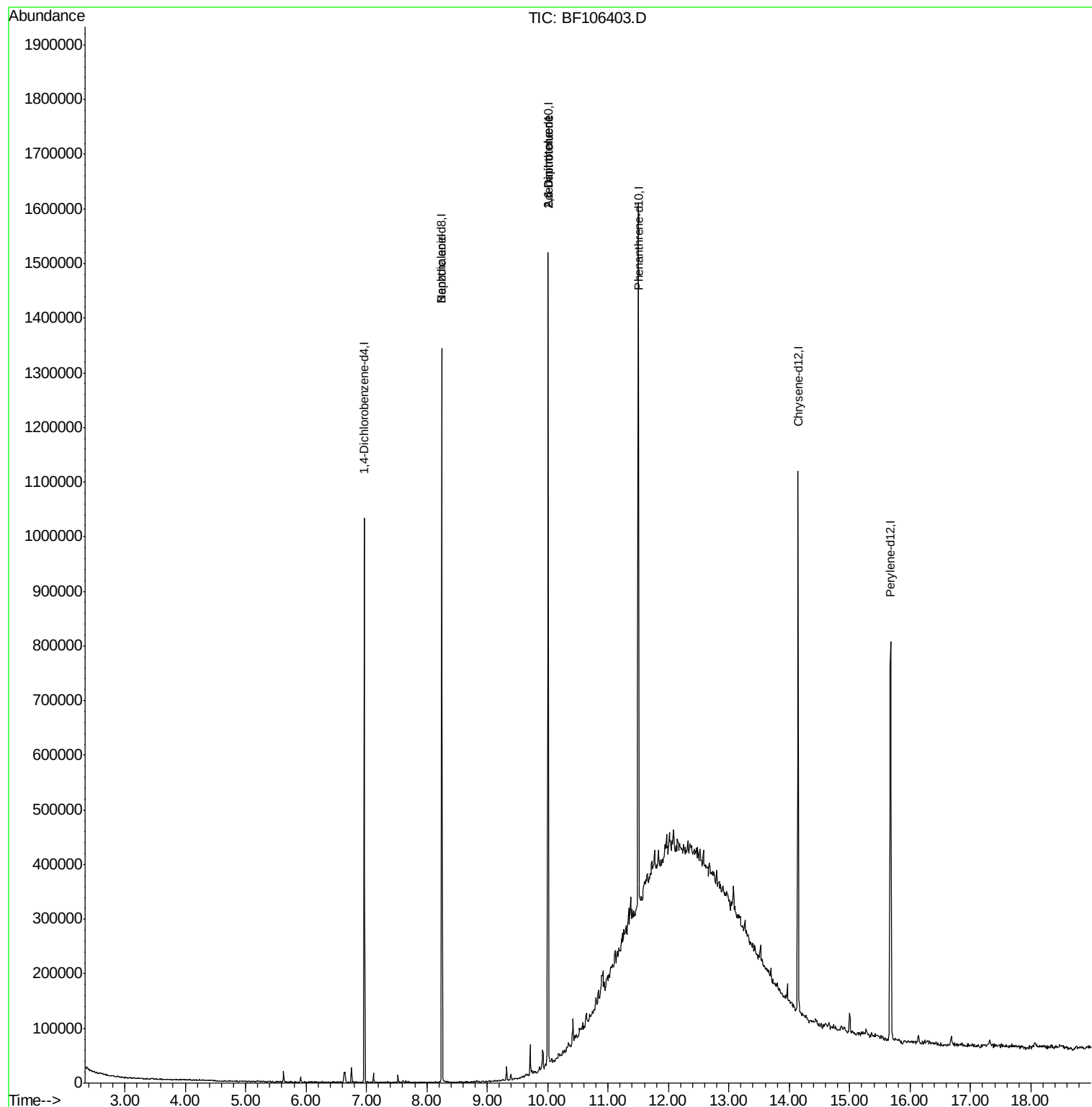
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133516	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	529046	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	253433	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	469118	20.00	ng	0.00
75) Chrysene-d12	14.14	240	351302	20.00	ng	-0.02
86) Perylene-d12	15.68	264	350174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	4797	0.61	ng	0.00
7) Phenol-d6	6.63	99	5227	0.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	3938	0.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	1274	0.52	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	7238	-1.00	ng	-0.01
78) Terphenyl-d14	13.08	244	8974	0.63	ng	-0.01
Target Compounds						
32) Benzoic acid	8.25	122	107	7.305	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	34048	9.206	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	34048	7.331	ng	# 23

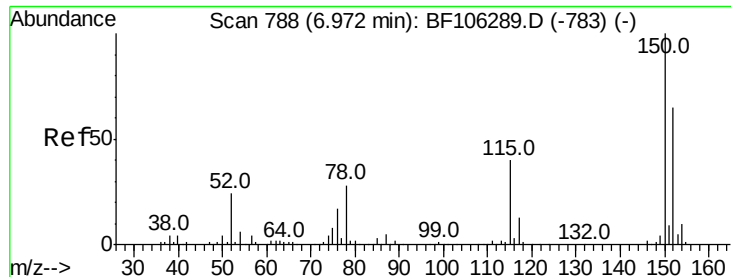
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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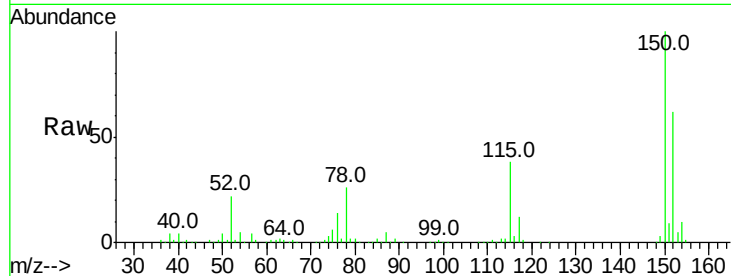


#1

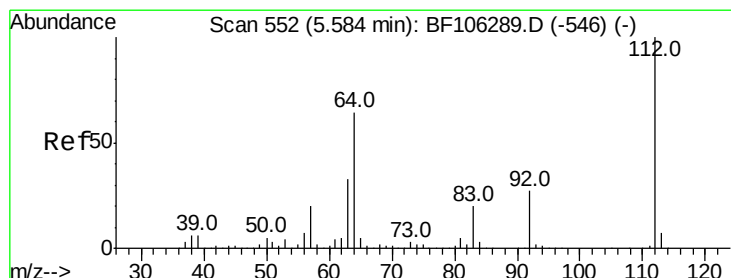
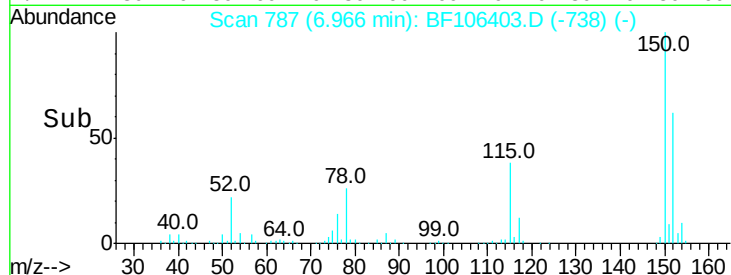
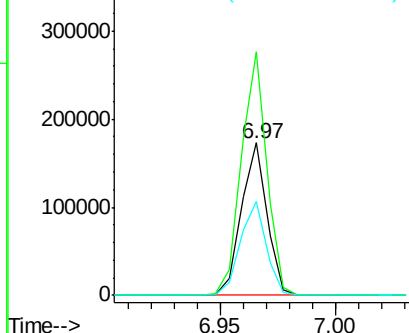
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133516
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 61.5 50.1 75.1



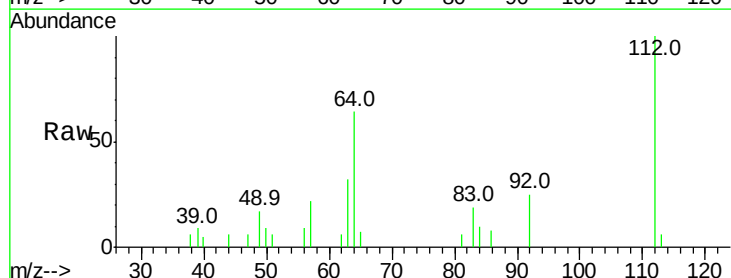
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



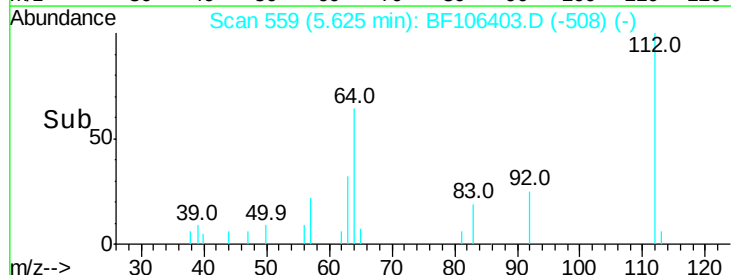
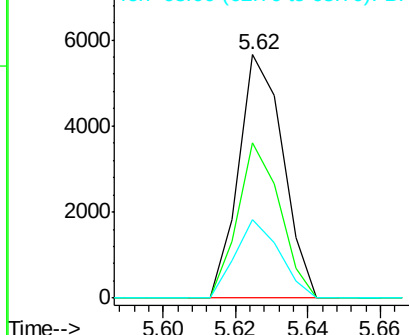
#5

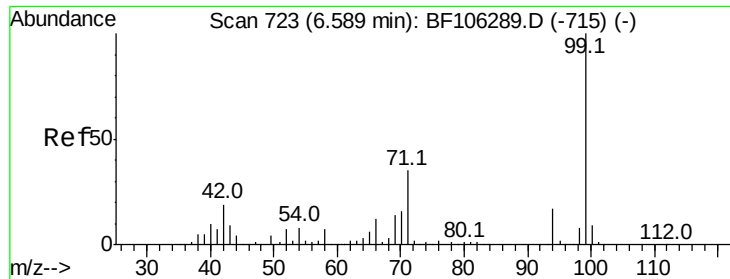
2-Fluorophenol
Concen: 0.608 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Tgt Ion:112 Resp: 4797
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.1 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: 0.524 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106403.D

Acq: 13 Jun 2018 20:42

Instrument :

BNA_F

ClientSampleId :

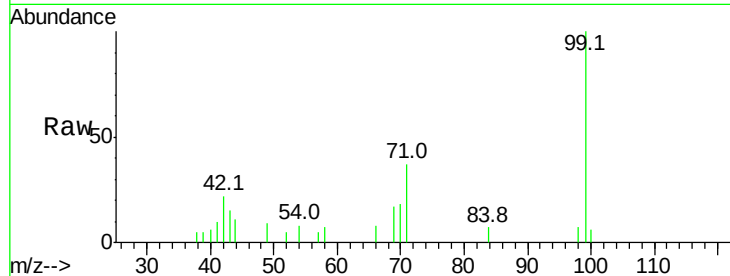
Tot Ion: 99 Resp: 5227

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

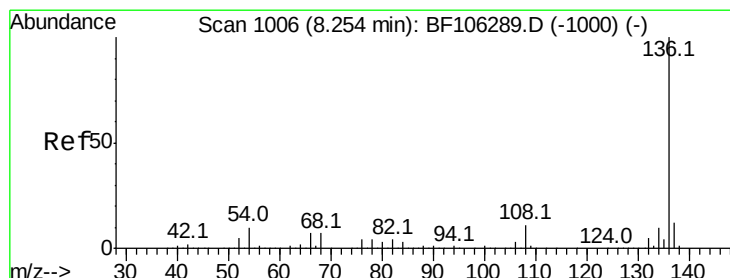
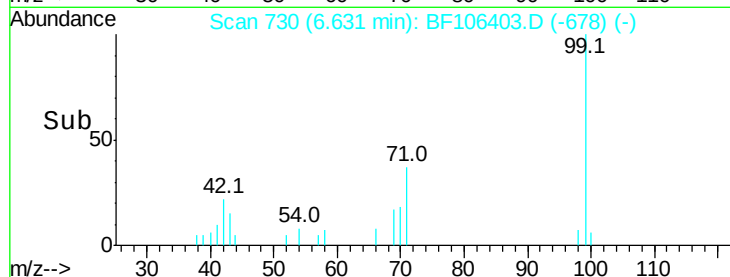
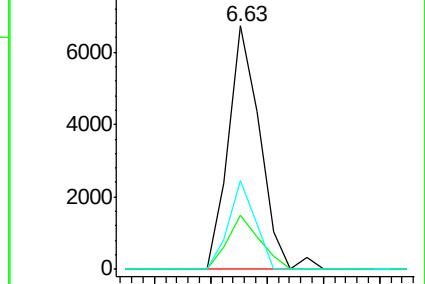
71 36.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106403.D

Acq: 13 Jun 2018 20:42

Tgt Ion: 136 Resp: 529046

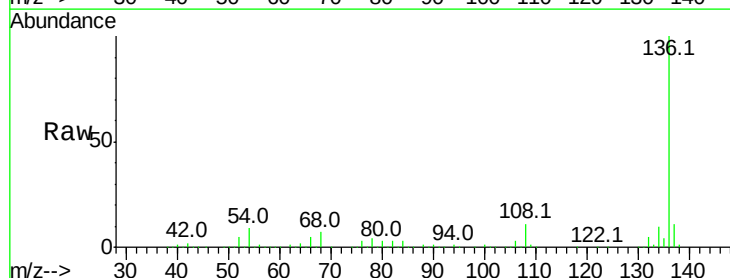
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 6.8 5.0 7.4

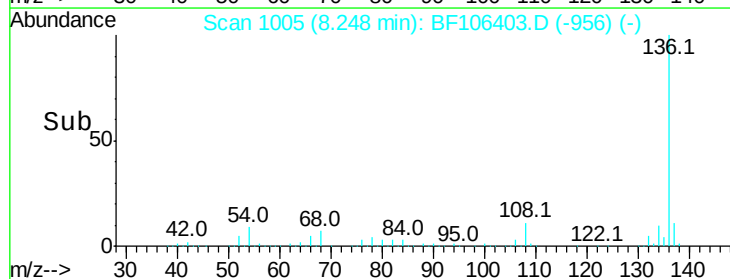
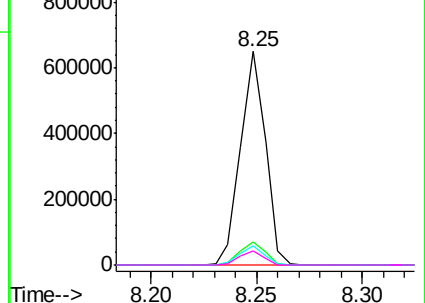


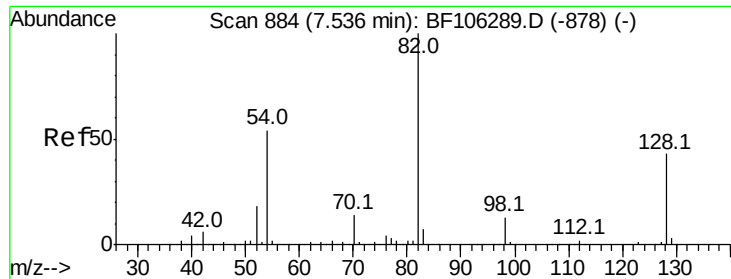
Abundance Ion 136.00 (135.70 to 136.70): E

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

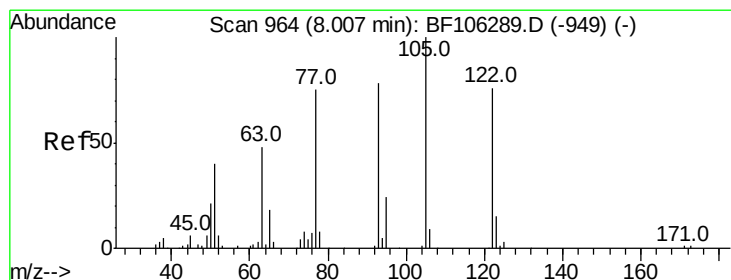
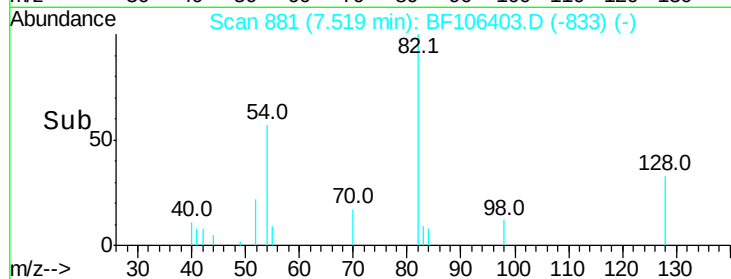
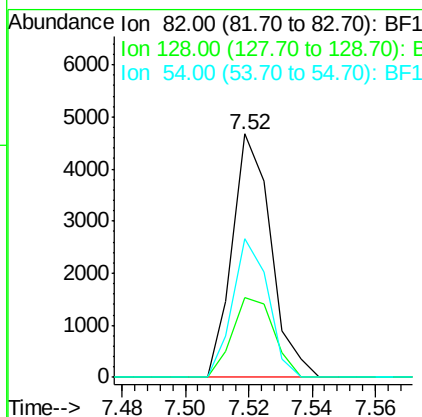
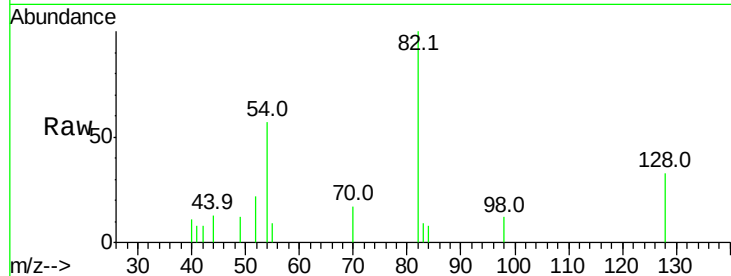




#23
 Nitrobenzene-d5
 Concen: 0.438 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106403.D
 Acq: 13 Jun 2018 20:42

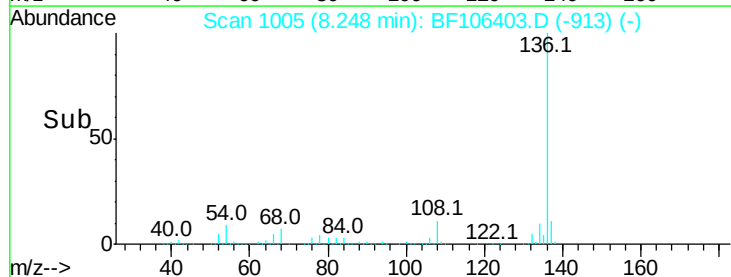
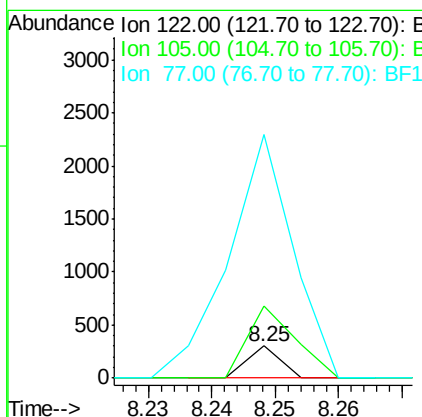
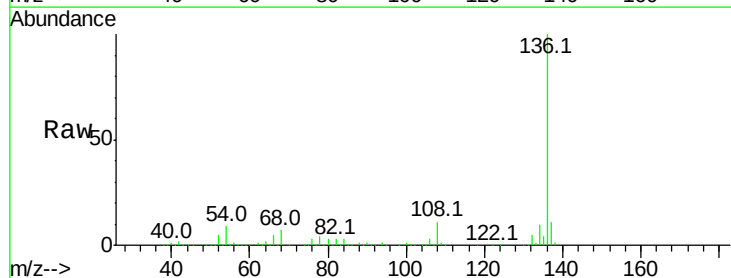
Instrument :
 BNA_F
 ClientSampleId :

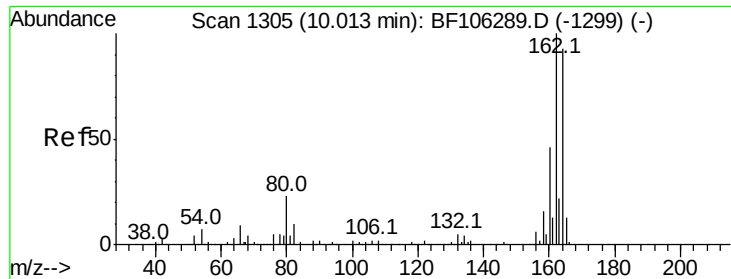
Tot Ion: 82 Resp: 3938
 Ion Ratio Lower Upper
 82 100
 128 32.7 36.1 54.1#
 54 57.0 41.4 62.2



#32
 Benzoic acid
 Concen: 7.305 ng
 RT: 8.25 min Scan# 1005
 Delta R.T. 0.24 min
 Lab File: BF106403.D
 Acq: 13 Jun 2018 20:42

Tgt Ion:122 Resp: 107
 Ion Ratio Lower Upper
 122 100
 105 223.5 101.1 141.1#
 77 759.9 70.7 110.7#

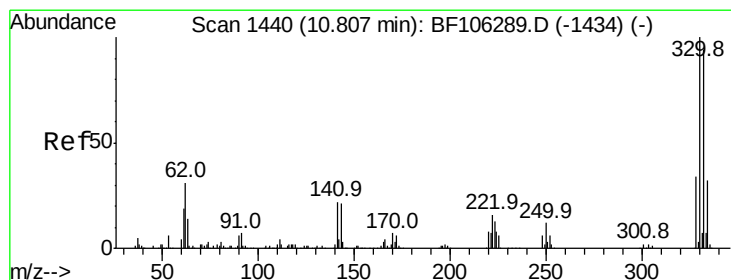
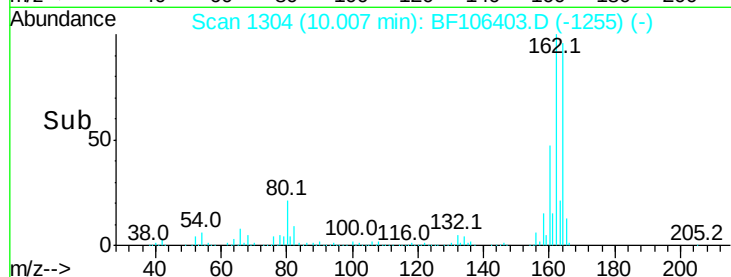
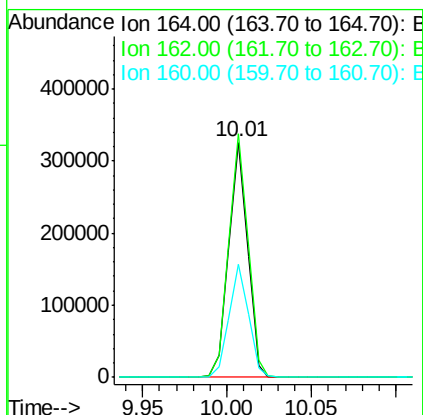
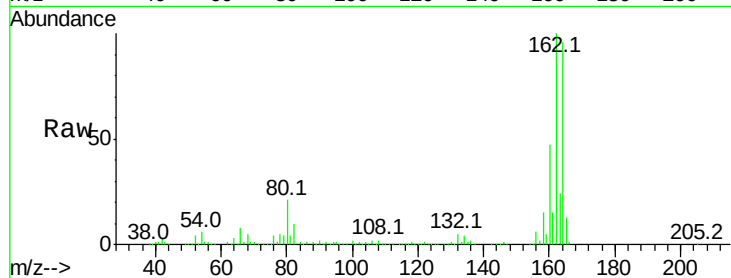




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

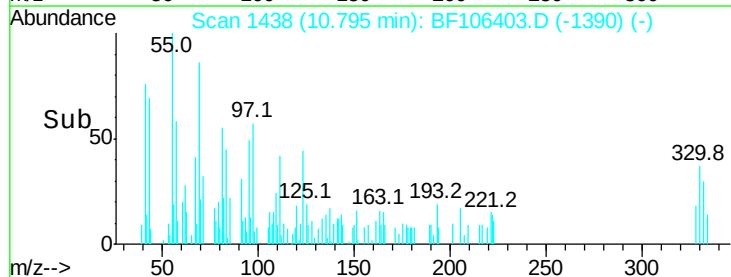
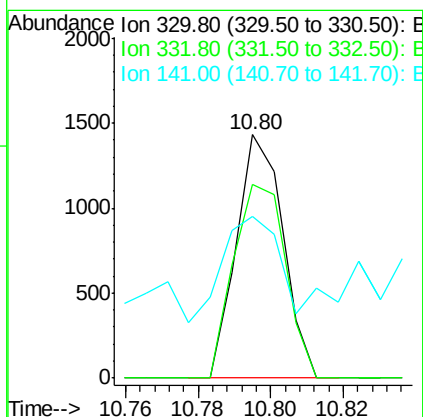
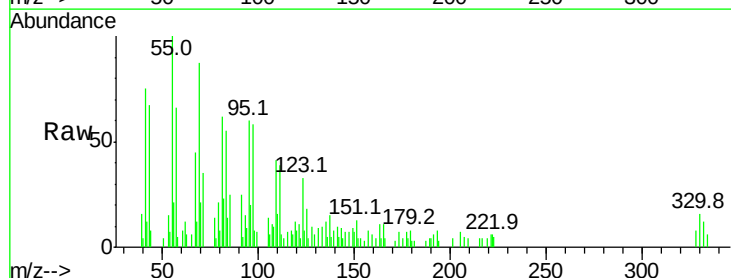
Instrument :
BNA_F
ClientSampleId :

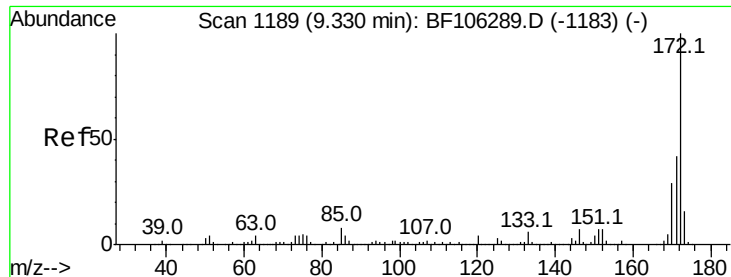
Tot Ion:164 Resp: 253433
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 48.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Tgt Ion:330 Resp: 1274
Ion Ratio Lower Upper
330 100
332 89.0 77.0 115.6
141 61.3 29.9 44.9#

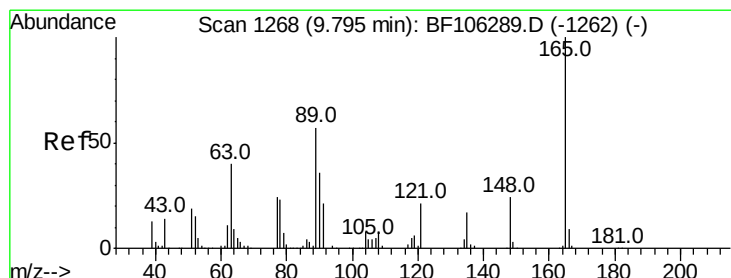
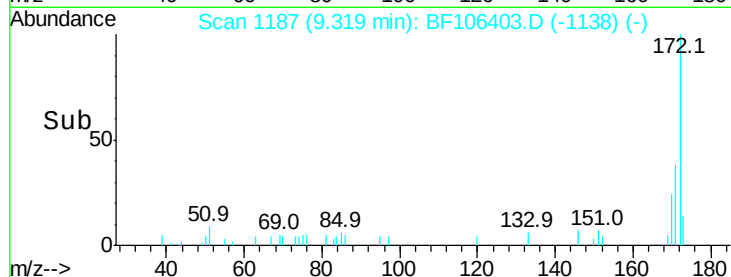
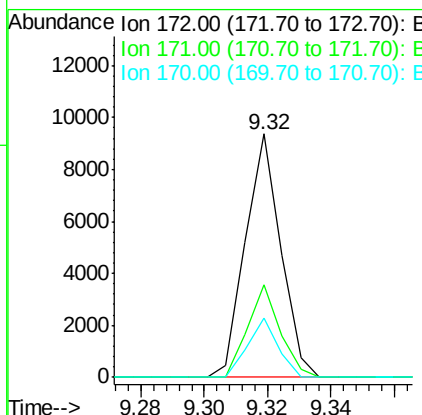
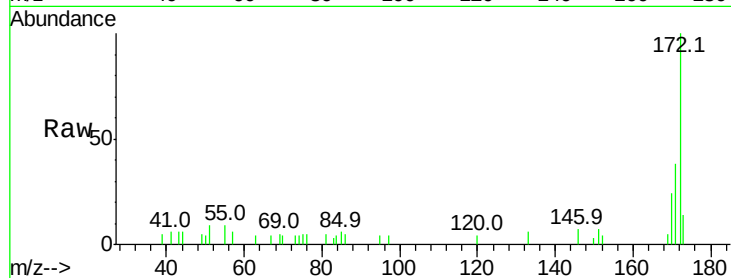




#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106403.D
 Acq: 13 Jun 2018 20:42

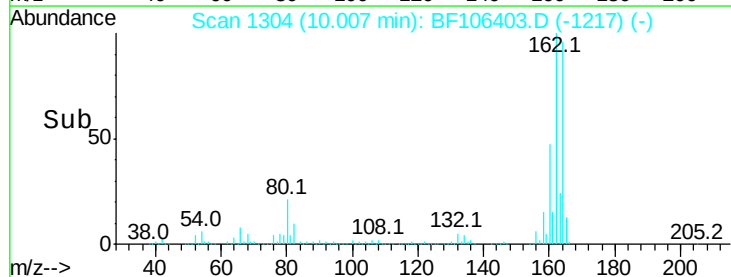
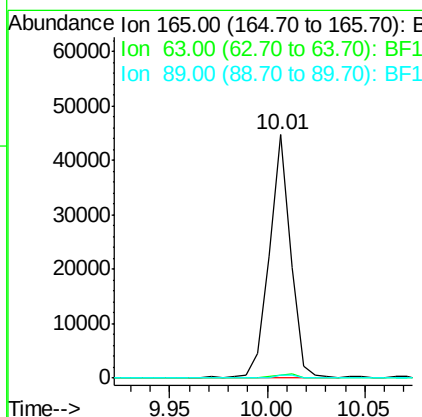
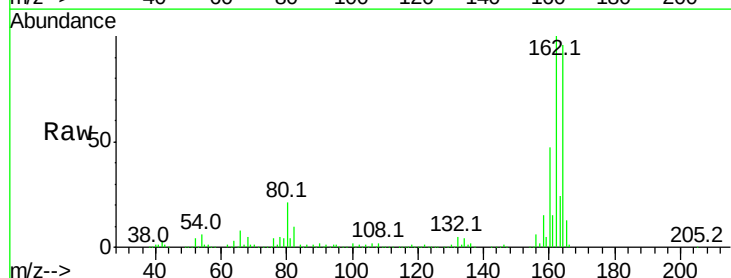
Instrument :
 BNA_F
 ClientSampleId :

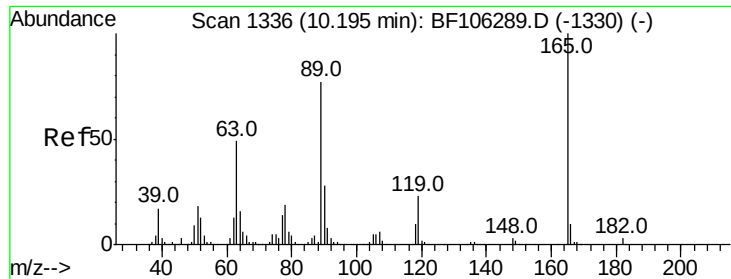
Tot Ion:172 Resp: 7238
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 24.3 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 9.206 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106403.D
 Acq: 13 Jun 2018 20:42

Tgt Ion:165 Resp: 34048
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.2 44.0 66.0#

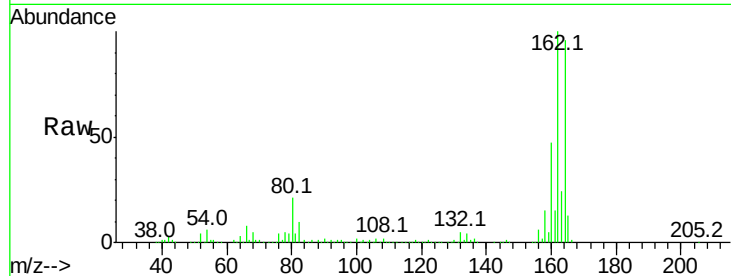




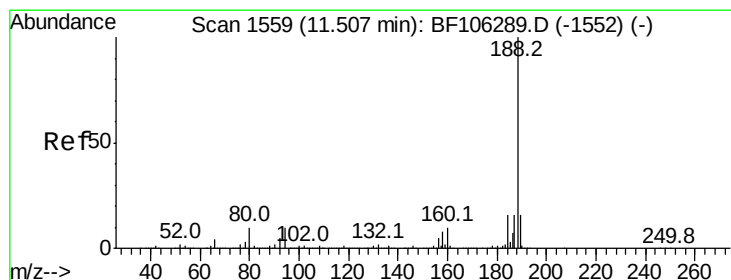
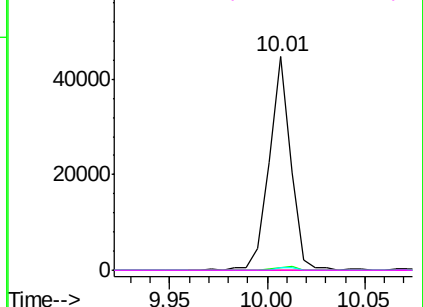
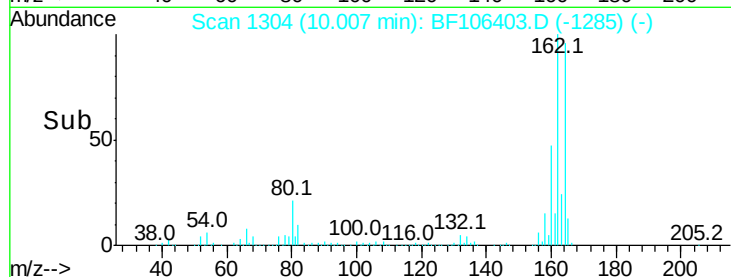
#56
2,4-Dinitrotoluene
Concen: 7.331 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 34048
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

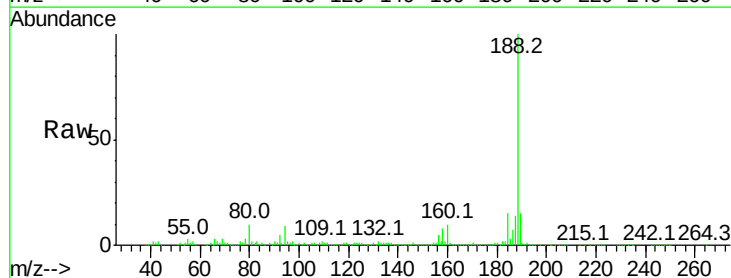


Abundance Ion 165.00 (164.70 to 165.70): E

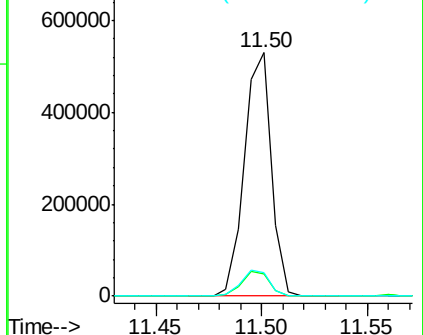
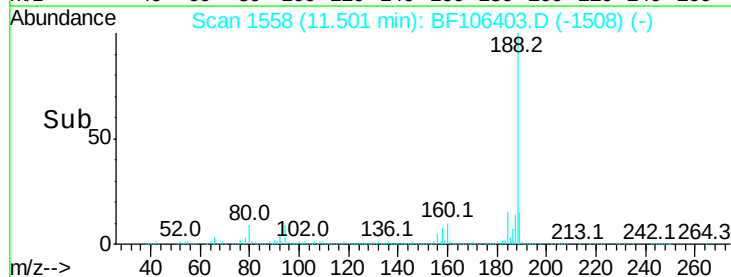


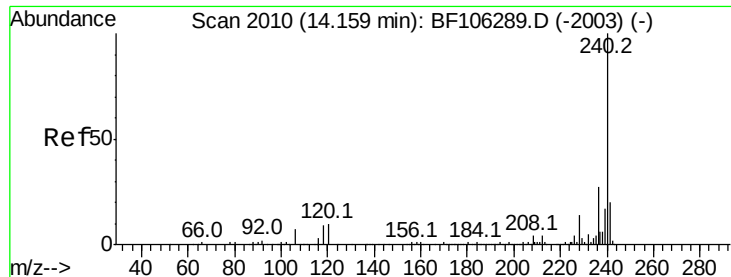
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Tgt Ion:188 Resp: 469118
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106403.D

Acq: 13 Jun 2018 20:42

Instrument :

BNA_F

ClientSampled :

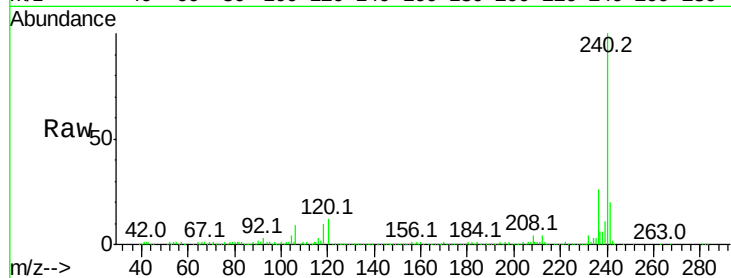
Tot Ion:240 Resp: 351302

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

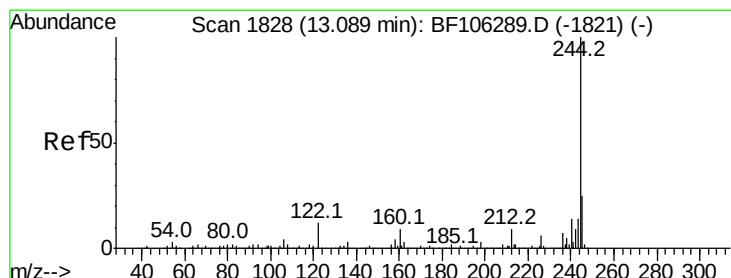
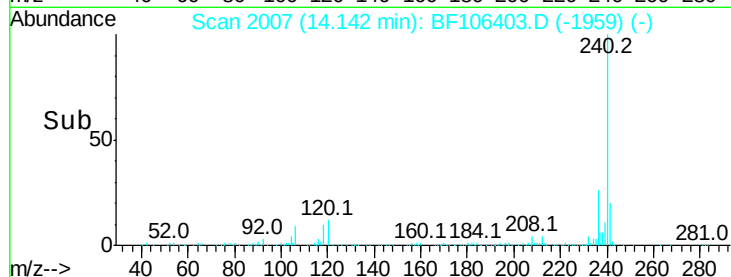
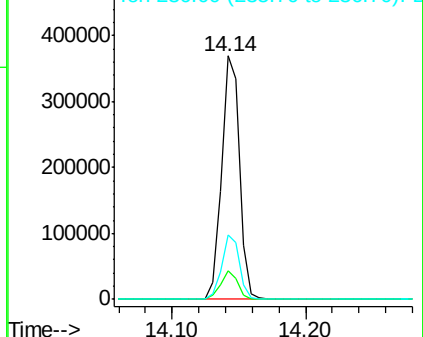
236 26.3 20.7 31.1



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: 0.634 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106403.D

Acq: 13 Jun 2018 20:42

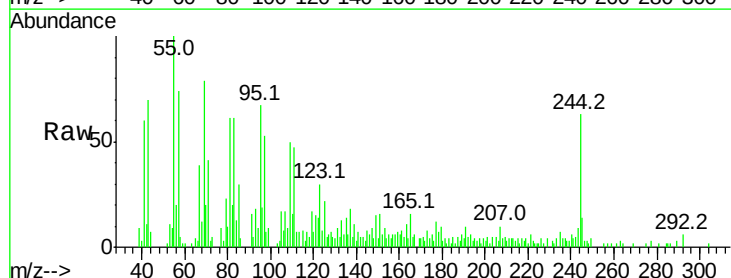
Tgt Ion:244 Resp: 8974

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

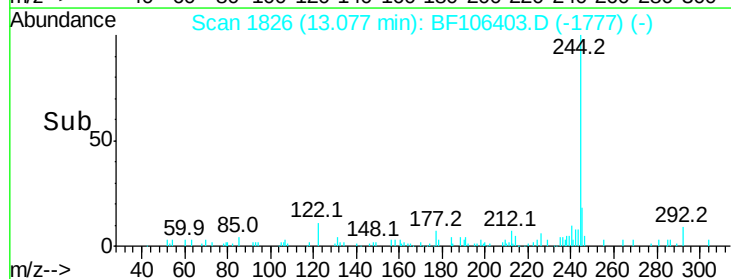
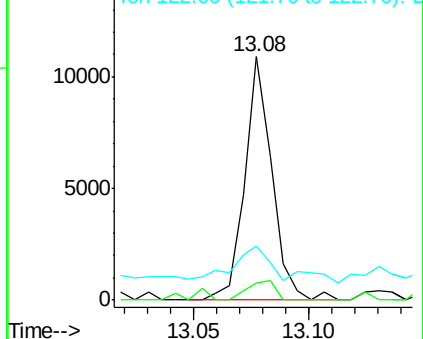
122 22.3 11.0 16.4

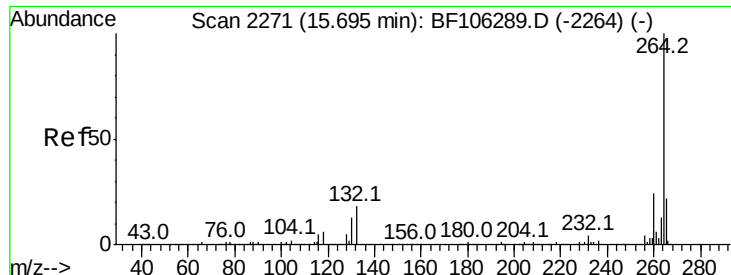


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

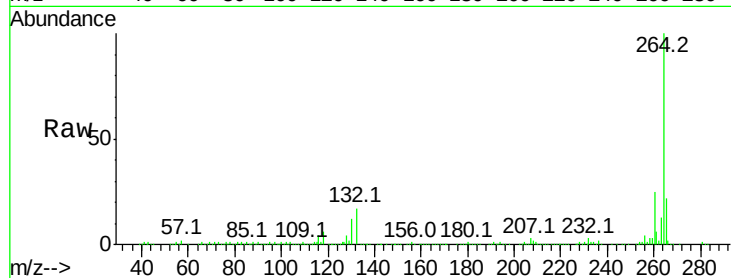




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106403.D
Acq: 13 Jun 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	350174
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	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

