

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106402.D
 Acq On : 13 Jun 2018 20:15
 Operator : JU/SJ
 Sample : J3451-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-44949-SLUDGEBOX

Quant Time: Jun 14 03:46:36 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

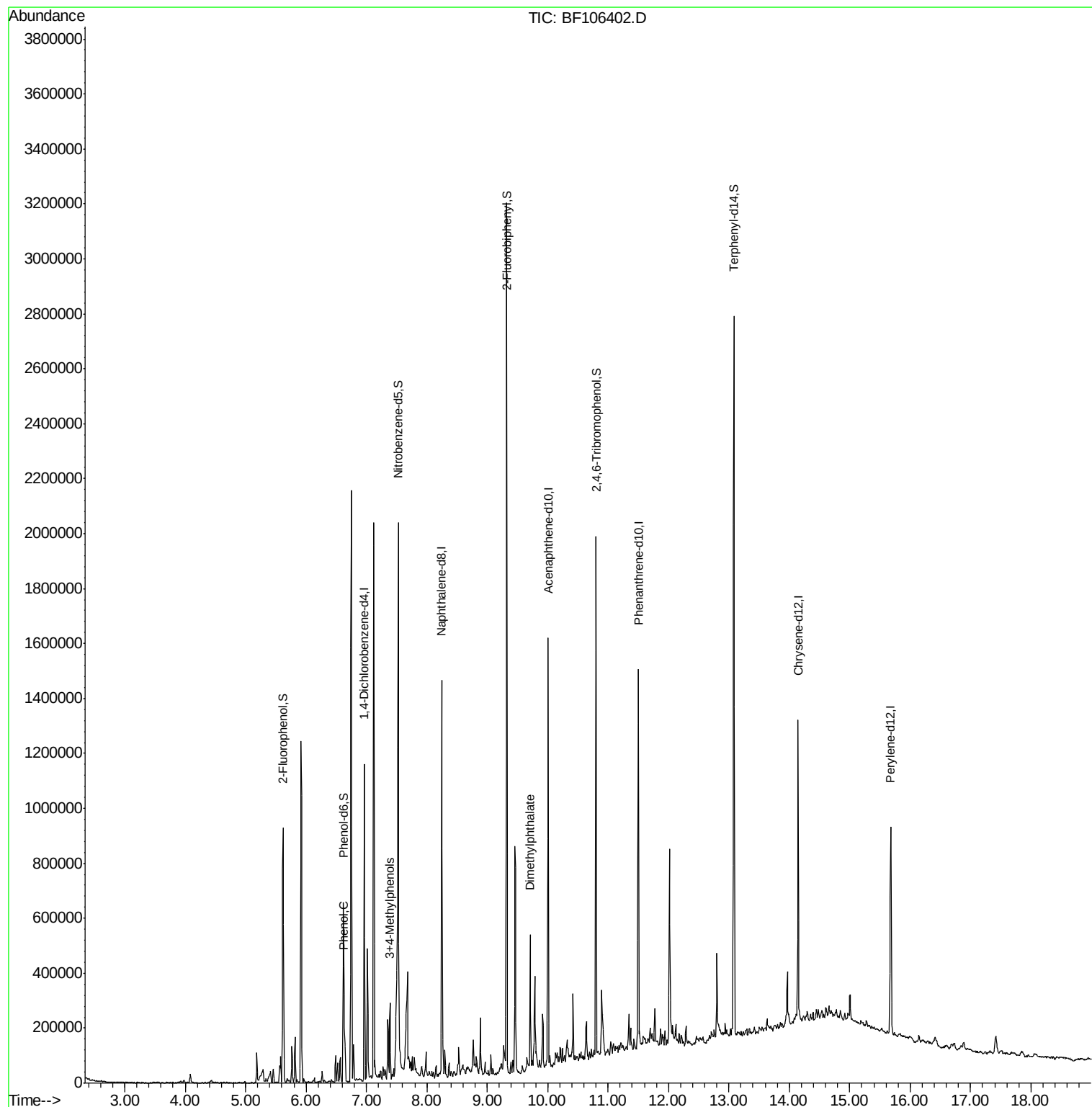
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145722	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	571592	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	271107	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	488399	20.00	ng	0.00
75) Chrysene-d12	14.15	240	368506	20.00	ng	-0.01
86) Perylene-d12	15.68	264	368580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	289933	33.67	ng	0.00
7) Phenol-d6	6.62	99	227948	20.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	555697	57.19	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	222396	85.26	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	990509	58.19	ng	0.00
78) Terphenyl-d14	13.08	244	862672	58.15	ng	0.00
Target Compounds						
10) Phenol	6.64	94	55174	4.646	ng	99
20) 3+4-Methylphenols	7.39	107	52240	4.945	ng	85
49) Dimethylphthalate	9.71	163	150267	7.758	ng	99

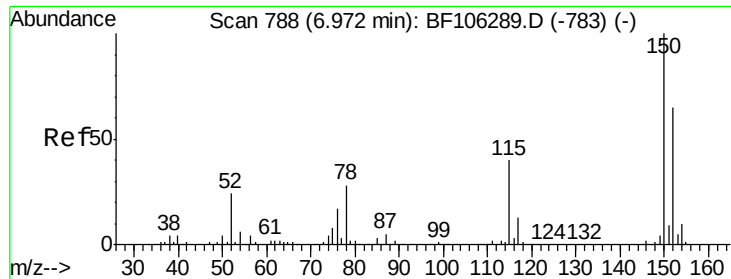
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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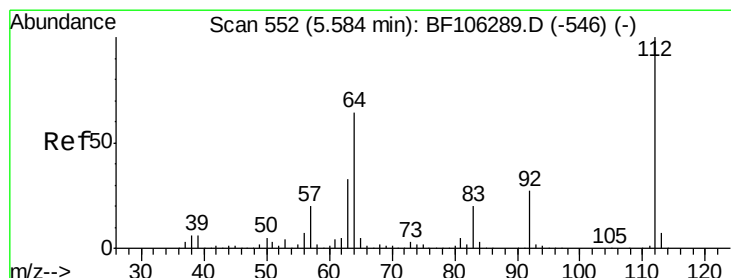
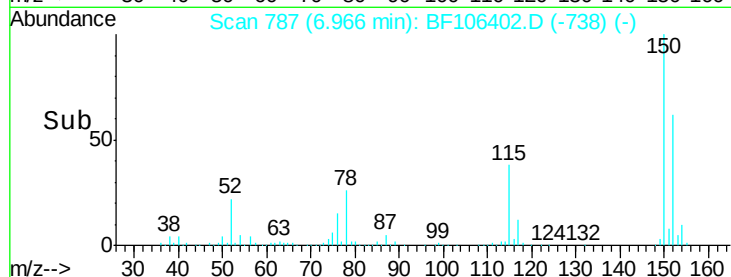
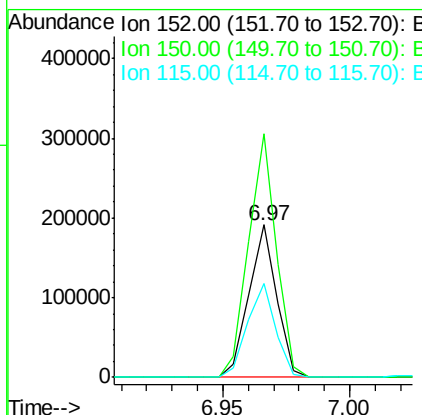
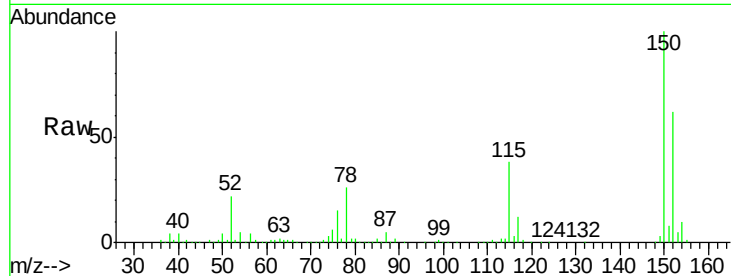




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

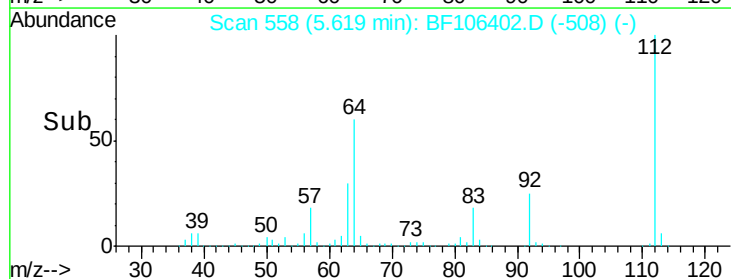
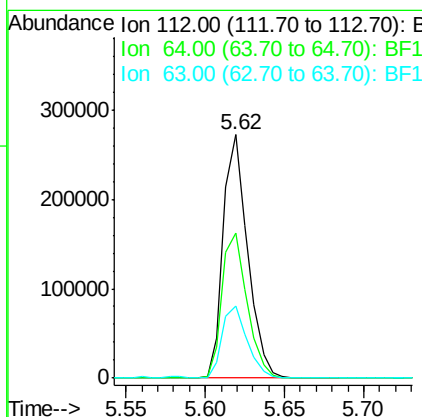
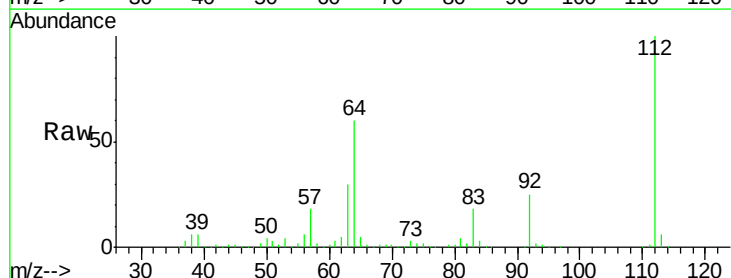
Instrument :
 BNA_F
 ClientSampleId :
 VB-44949-SLUDGEBOX

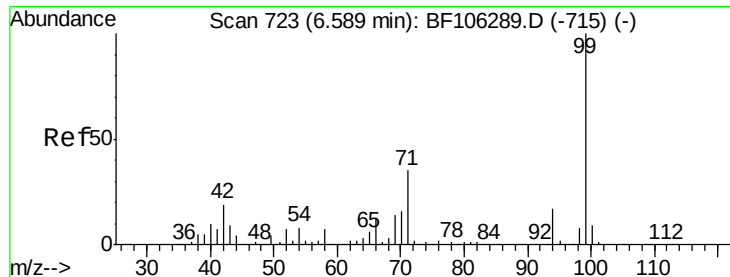
Tot Ion:152 Resp: 145722
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 61.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 33.674 ng
 RT: 5.62 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

Tgt Ion:112 Resp: 289933
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 20.955 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

Instrument :

BNA_F

ClientSampleId :

VB-44949-SLUDGEBOX

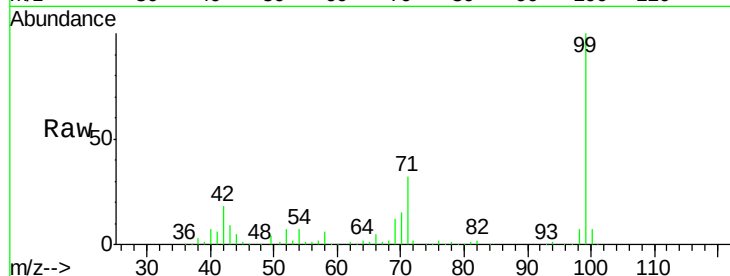
Tot Ion: 99 Resp: 227948

Ion Ratio Lower Upper

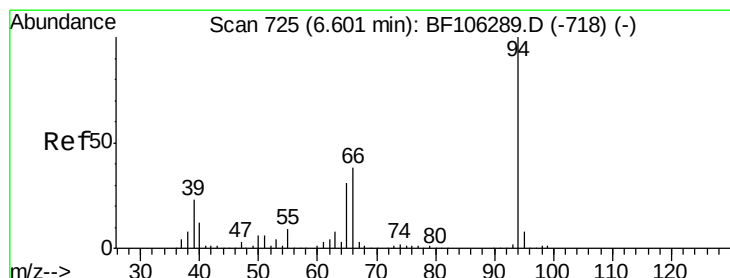
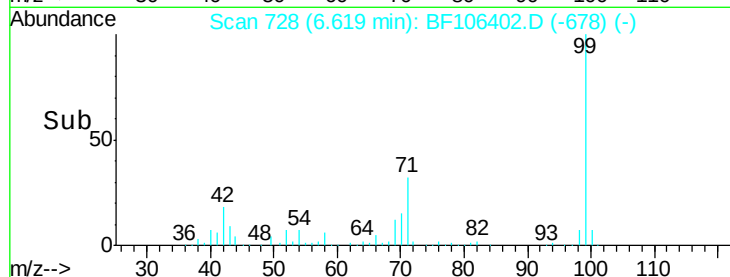
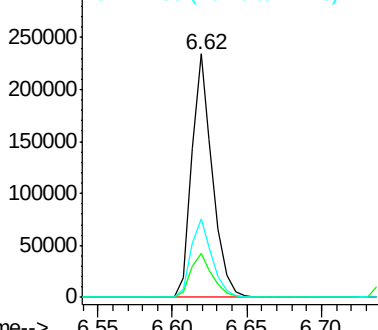
99 100

42 18.3 14.5 21.7

71 32.4 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



#10

Phenol

Concen: 4.646 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

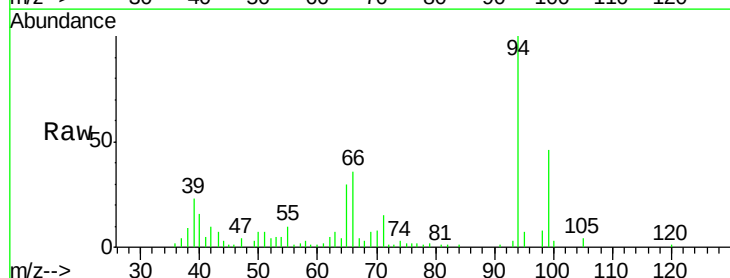
Tgt Ion: 94 Resp: 55174

Ion Ratio Lower Upper

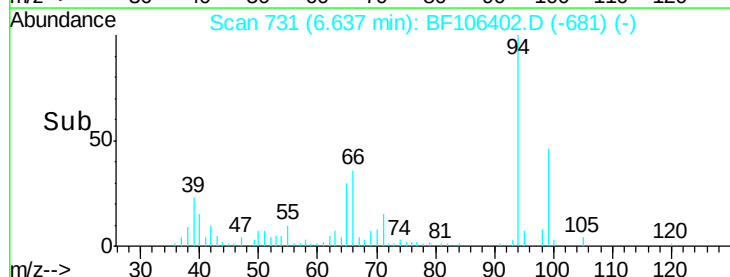
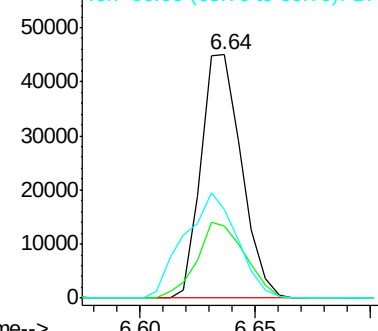
94 100

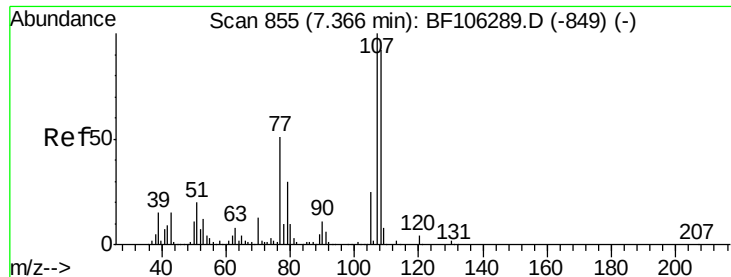
65 29.5 7.9 47.9

66 36.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 4.945 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

Instrument :

BNA_F

ClientSampleId :

VB-44949-SLUDGEBOX

Tot Ion:107 Resp: 52240

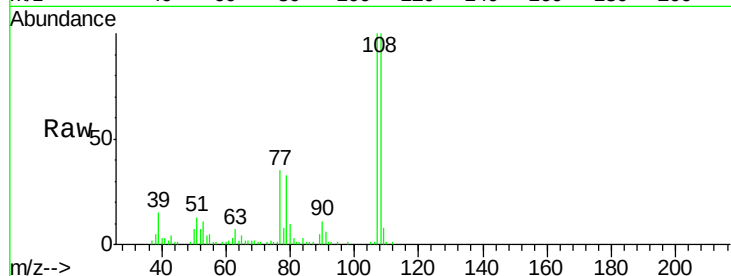
Ion Ratio Lower Upper

107 100

108 100.4 68.2 108.2

77 34.8 26.7 66.7

79 33.6 6.3 46.3

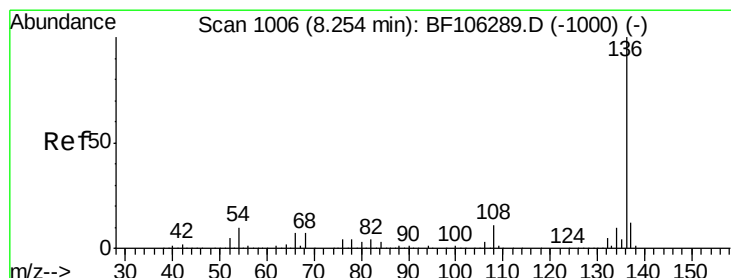
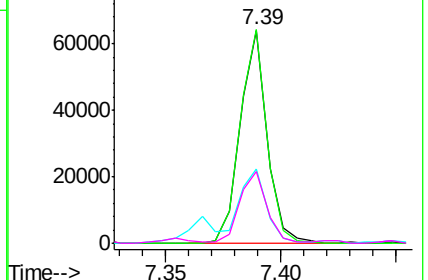
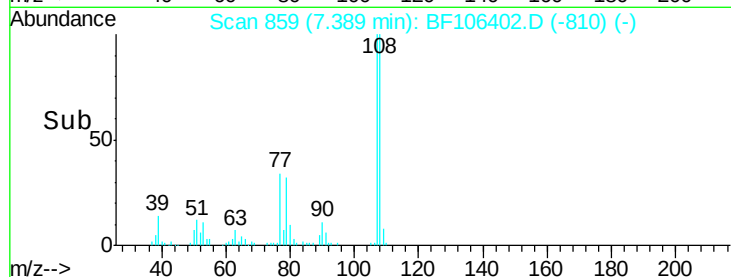


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

Tgt Ion:136 Resp: 571592

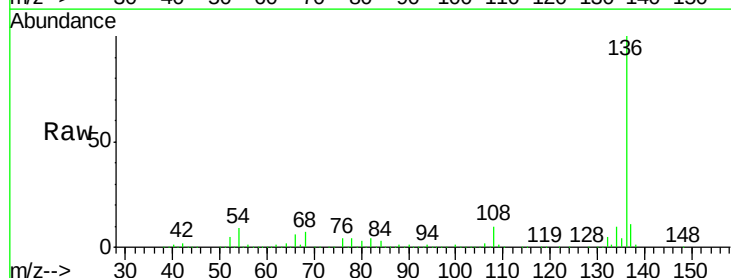
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4

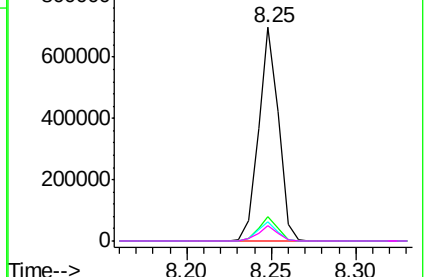
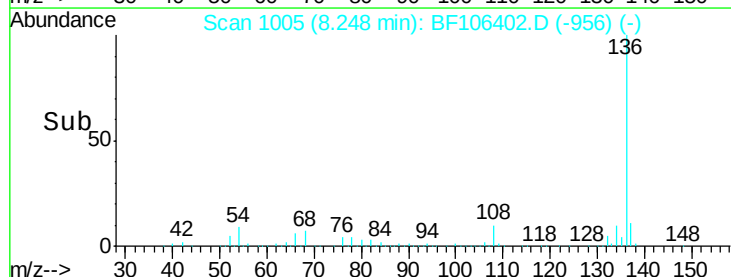


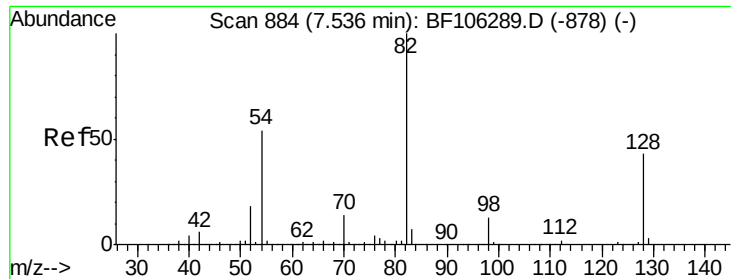
Abundance Ion 136.00 (135.70 to 136.70): E

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

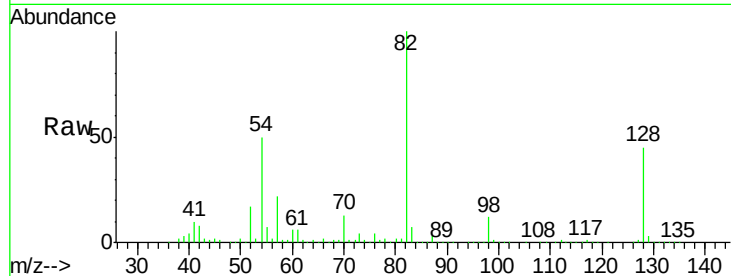




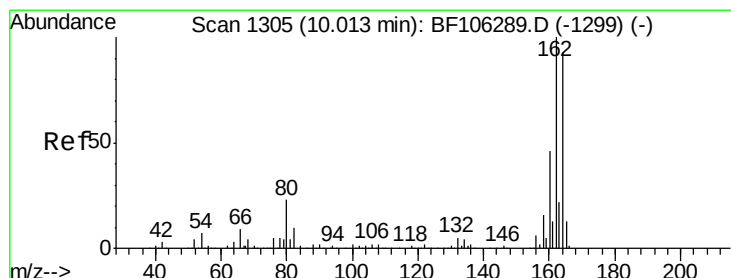
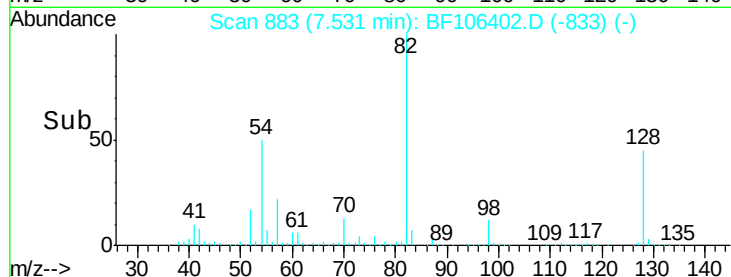
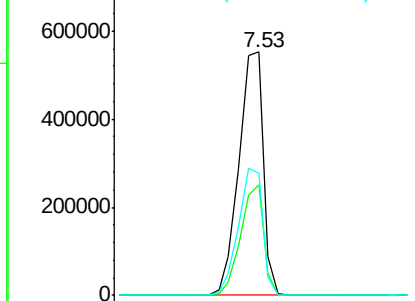
#23
 Nitrobenzene-d5
 Concen: 57.193 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 VB-44949-SLUDGEBOX

Tot Ion	82	Resp	555697
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.1	54.1
54	49.9	41.4	62.2

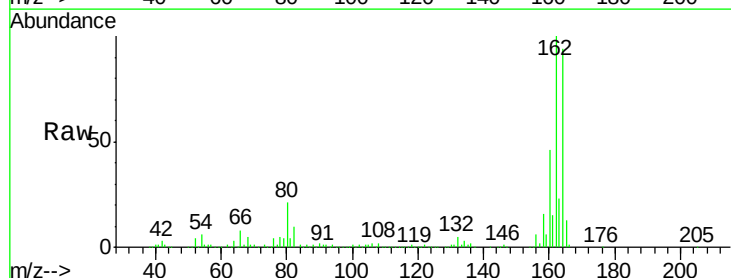


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

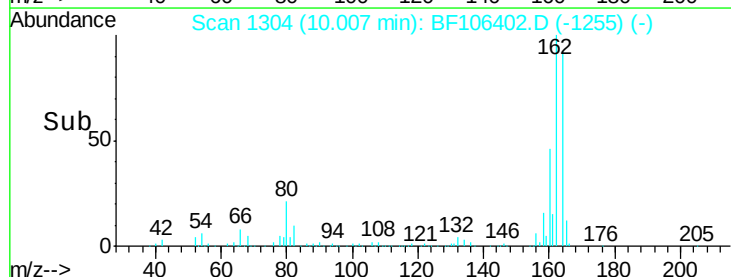
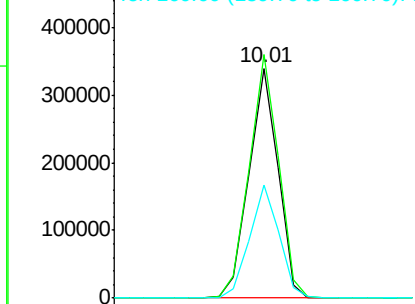


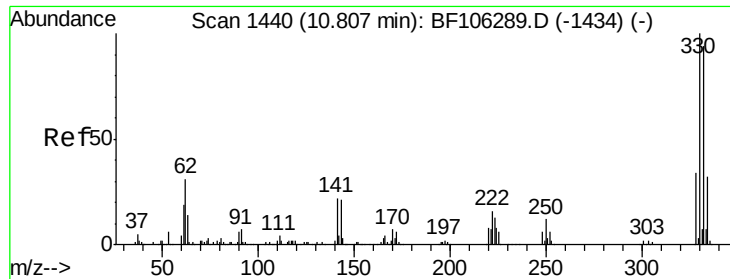
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

Tgt Ion	164	Resp	271107
Ion Ratio	Lower	Upper	
164	100		
162	106.0	86.1	129.1
160	49.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

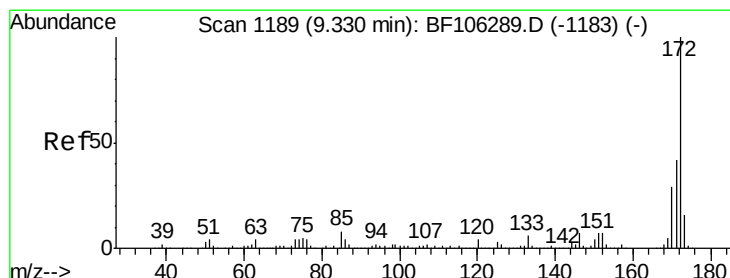
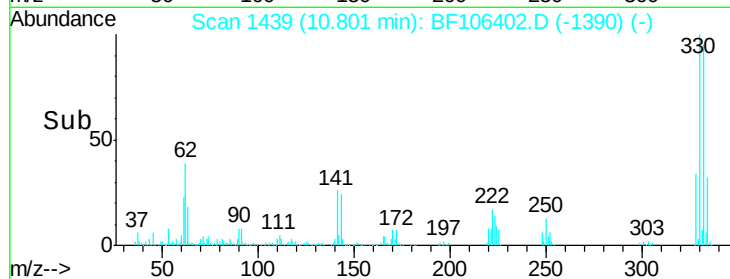
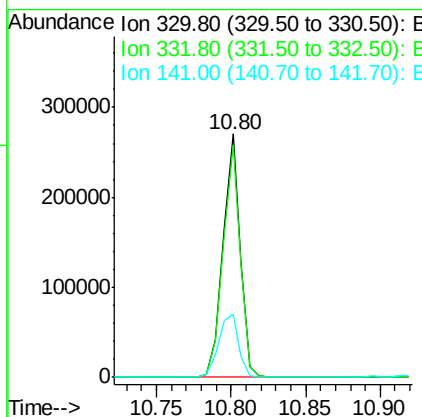
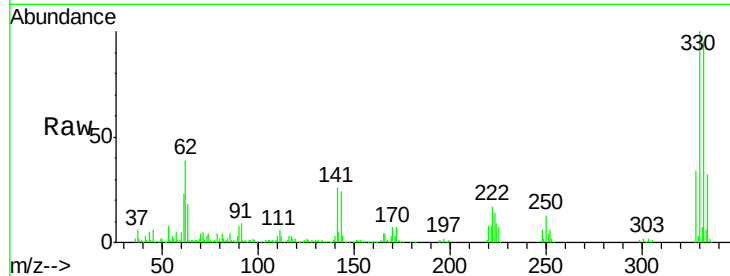




#41
 2,4,6-Tribromophenol
 Concen: 85.258 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

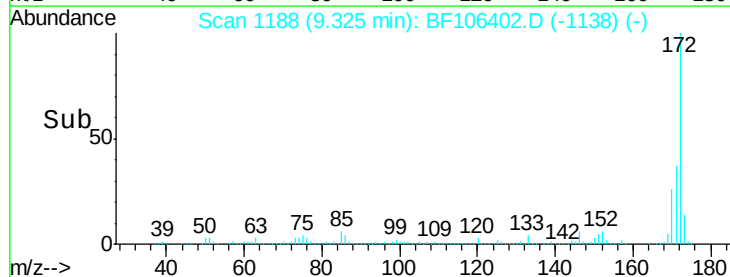
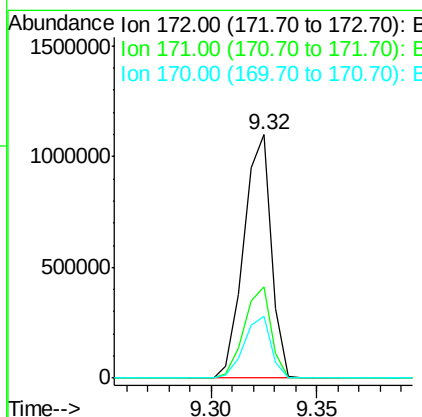
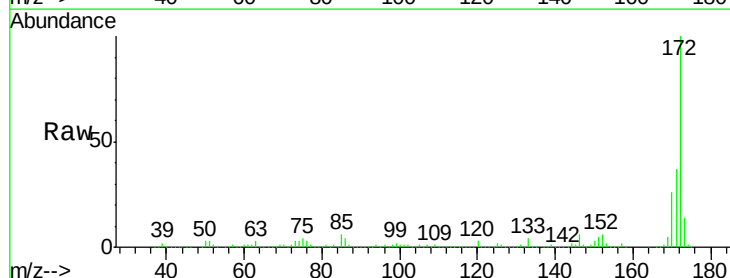
Instrument :
 BNA_F
 ClientSampleId :
 VB-44949-SLUDGEBOX

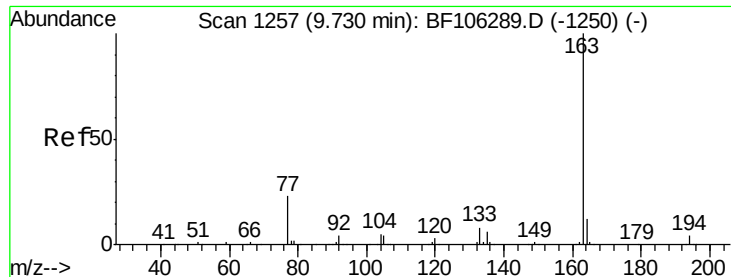
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 58.190 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106402.D
 Acq: 13 Jun 2018 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.6	19.6	29.4





#49

Dimethylphthalate

Concen: 7.758 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

Instrument :

BNA_F

ClientSampleId :

VB-44949-SLUDGEBOX

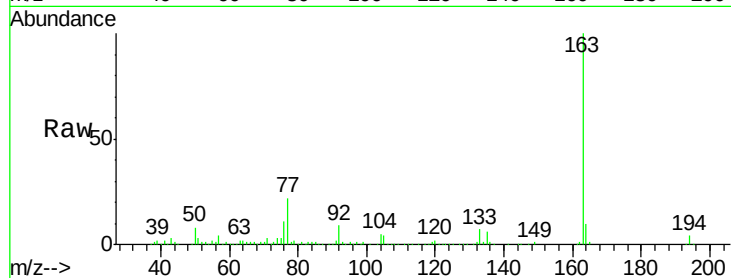
Tot Ion:163 Resp: 150267

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

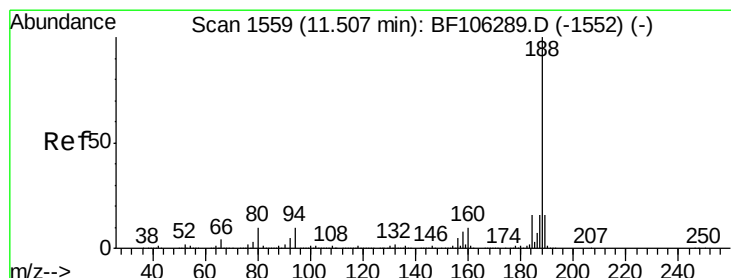
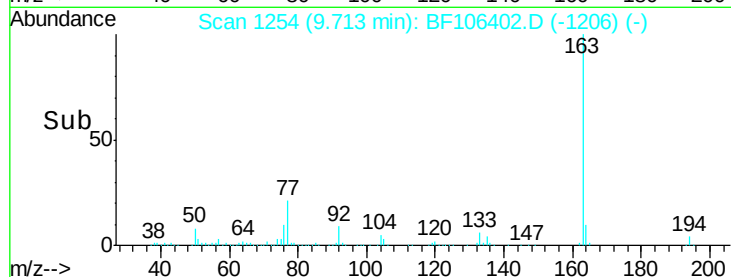
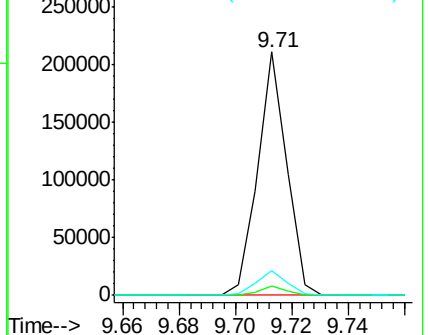
164 10.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

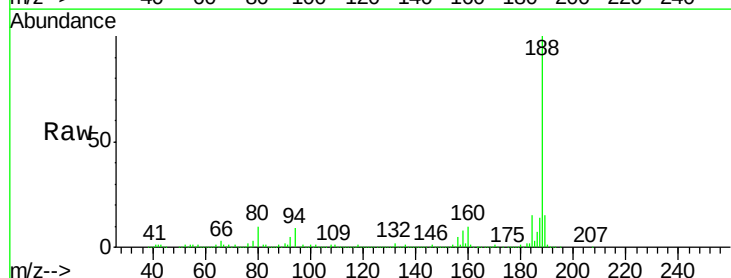
Tgt Ion:188 Resp: 488399

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

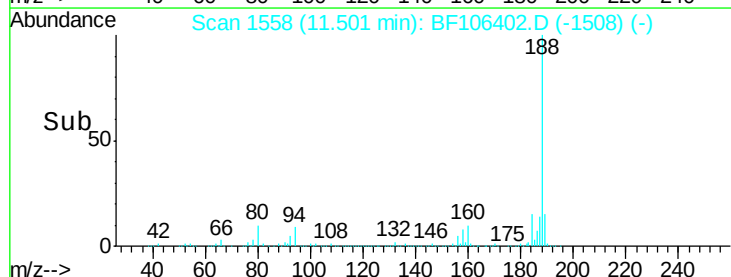
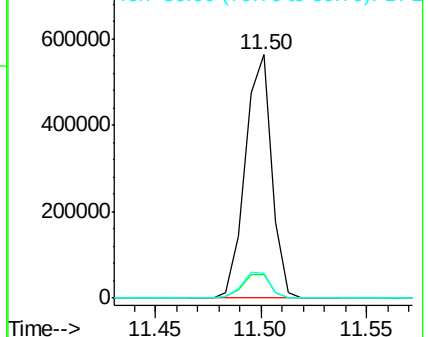
80 10.0 9.2 13.8

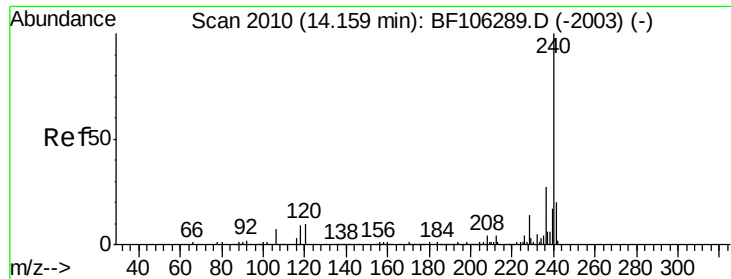


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

Instrument :

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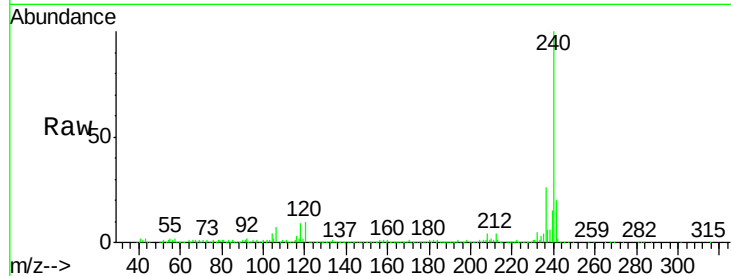
Tot Ion:240 Resp: 368506

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

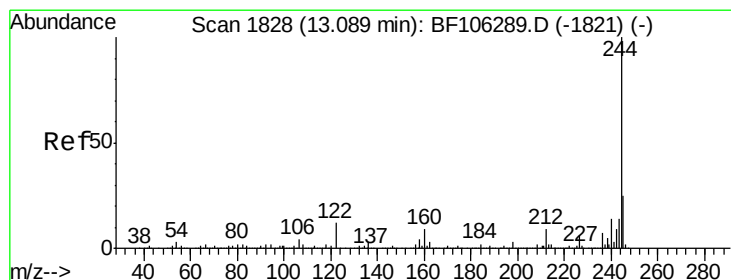
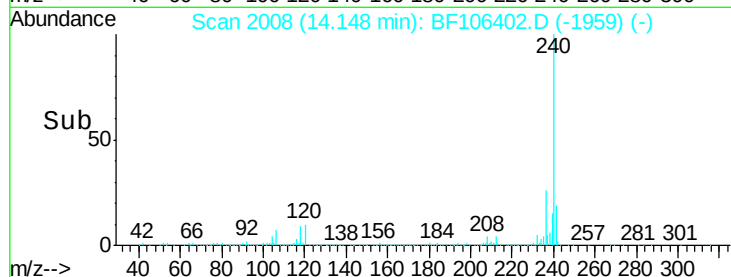
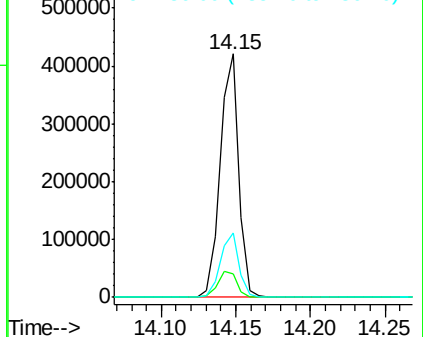
236 26.4 20.7 31.1



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: 58.145 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106402.D

Acq: 13 Jun 2018 20:15

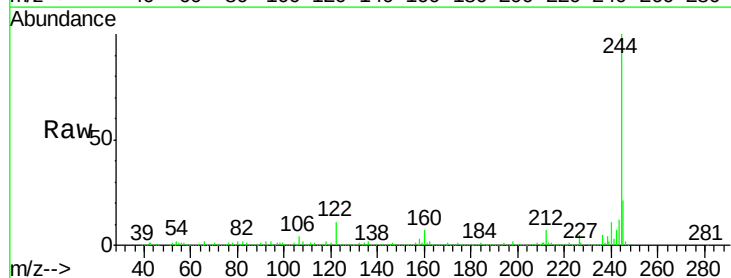
Tgt Ion:244 Resp: 862672

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

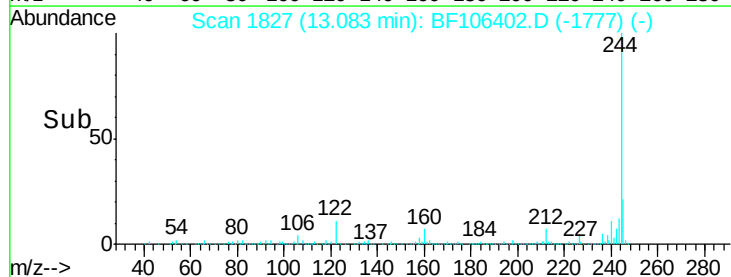
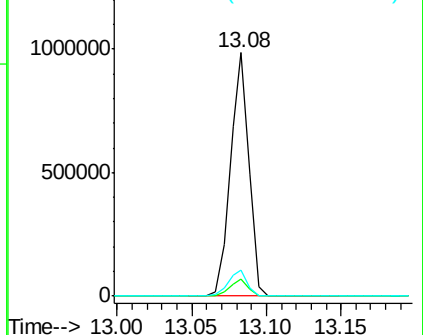
122 10.6 11.0 16.4#

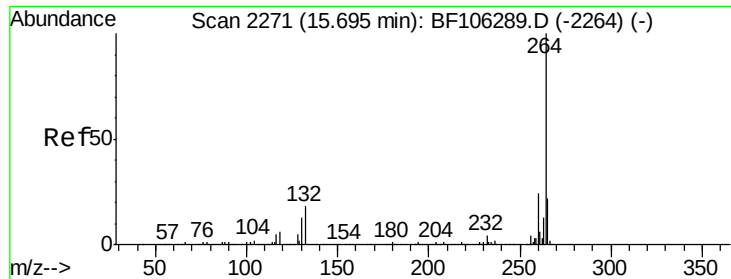


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106402.D
Acq: 13 Jun 2018 20:15

Instrument :
BNA_F
ClientSampleId :
VB-44949-SLUDGEBOX

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.7	17.5	26.3

