

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106638.D
 Acq On : 20 Jun 2018 23:42
 Operator : JU/SJ
 Sample : J3554-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)

Quant Time: Jun 21 04:15:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

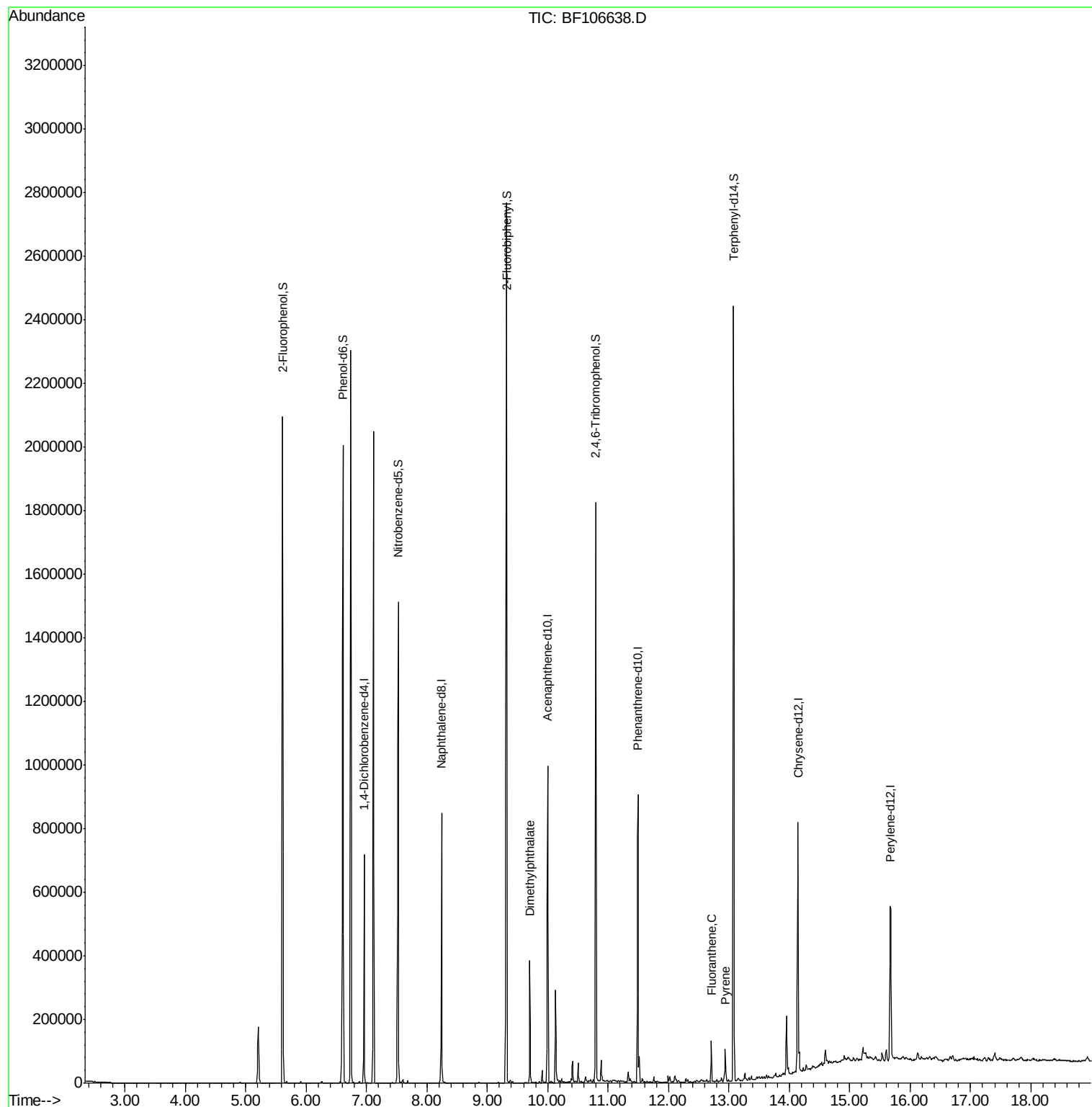
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94024	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358449	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185182	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	334829	20.00	ng	0.00
75) Chrysene-d12	14.14	240	256351	20.00	ng	-0.01
86) Perylene-d12	15.68	264	243739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	624982	112.56	ng	0.01
7) Phenol-d6	6.61	99	802638	115.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	547019	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	269052	125.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	903116	82.03	ng	0.00
78) Terphenyl-d14	13.08	244	880379	83.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	129207	9.303	ng	98
74) Fluoranthene	12.71	202	48395	2.719	ng	95
77) Pyrene	12.94	202	44555	2.636	ng	99

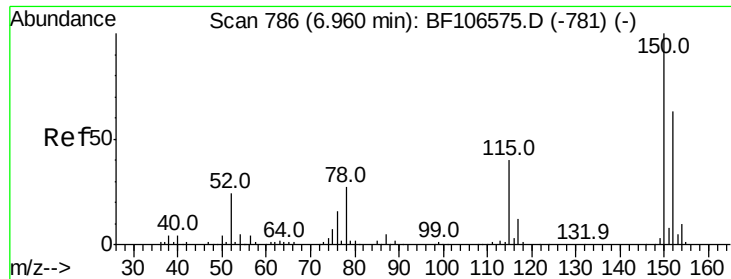
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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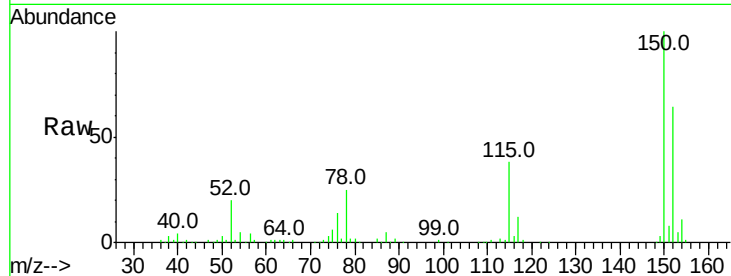


#1

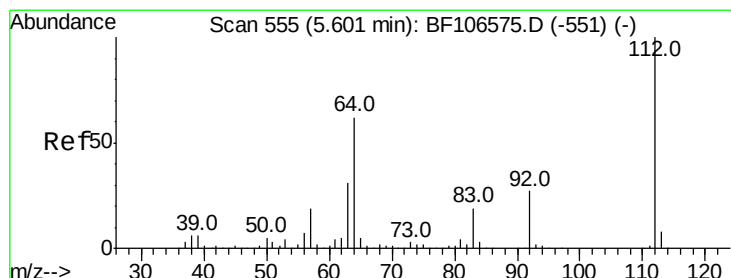
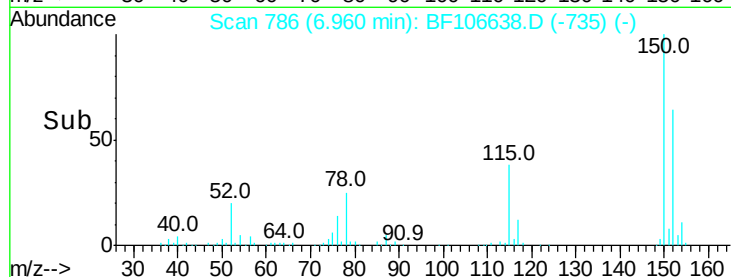
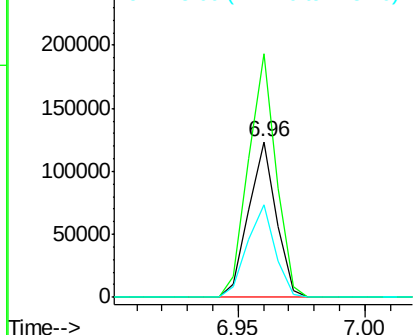
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tot Ion:152 Resp: 94024
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.6 50.1 75.1



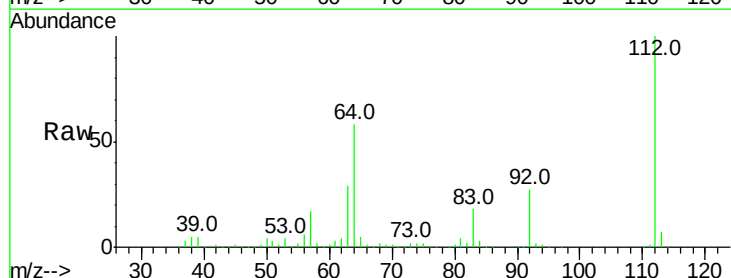
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



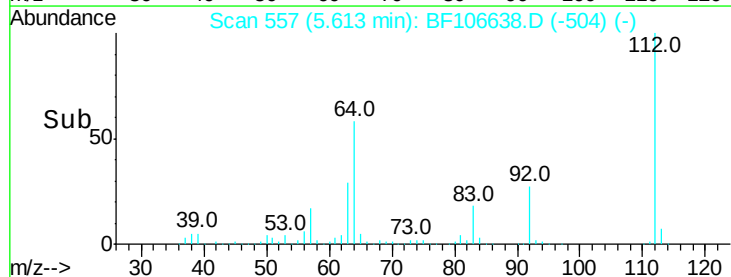
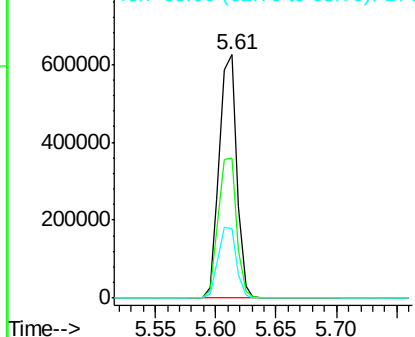
#5

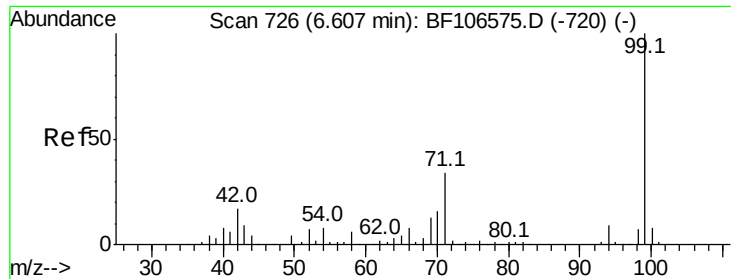
2-Fluorophenol
Concen: 112.556 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:112 Resp: 624982
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.6 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: 115.751 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

Instrument :

BNA_F

ClientSampled :

A-8(3.0)

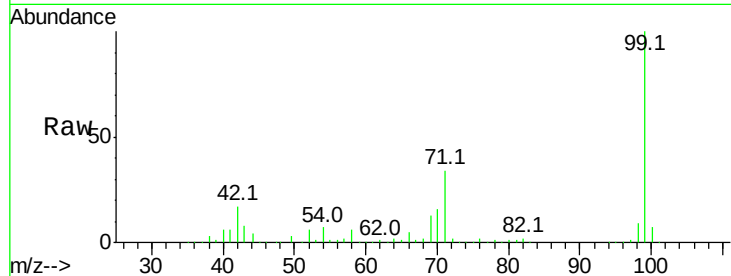
Tot Ion: 99 Resp: 802638

Ion Ratio Lower Upper

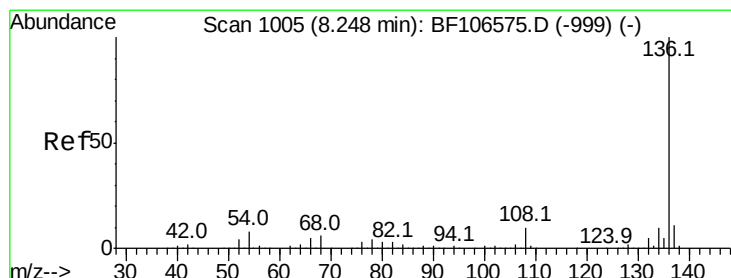
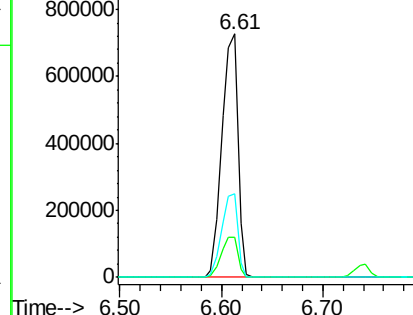
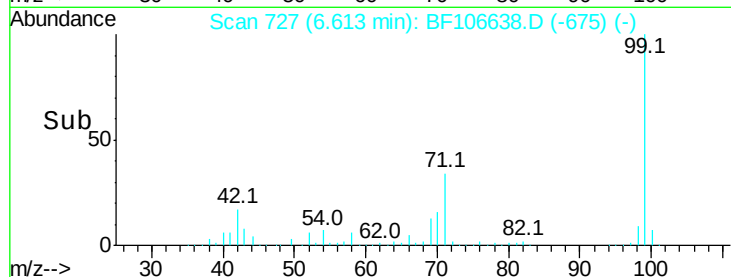
99 100

42 16.7 14.5 21.7

71 34.2 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

Tgt Ion: 136 Resp: 358449

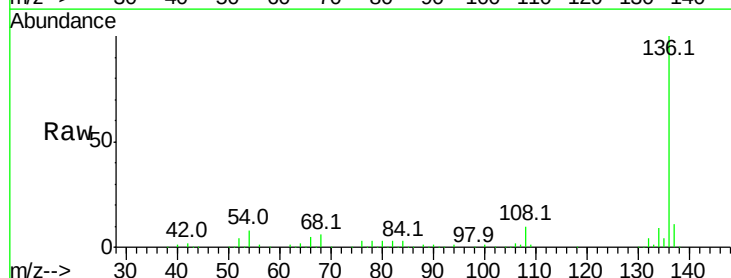
Ion Ratio Lower Upper

136 100

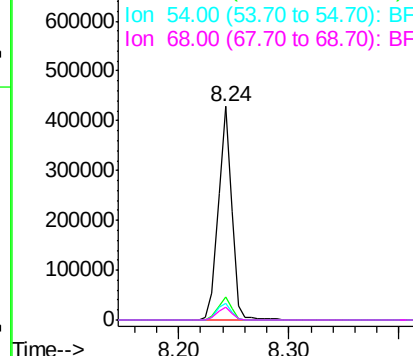
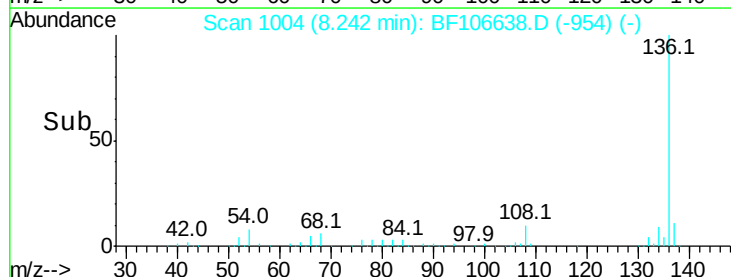
137 10.8 8.9 13.3

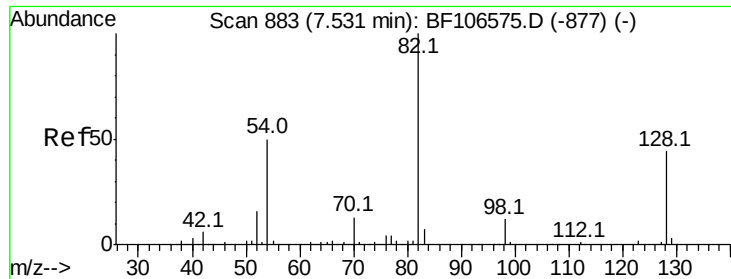
54 8.1 6.6 9.8

68 6.2 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

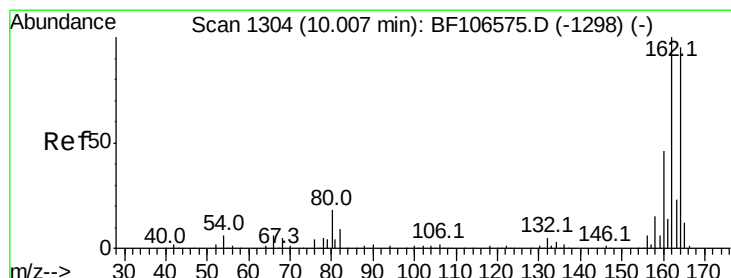
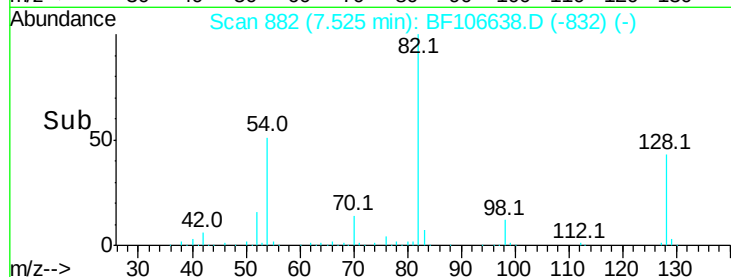
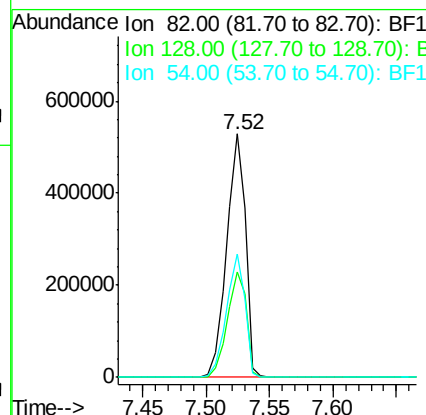
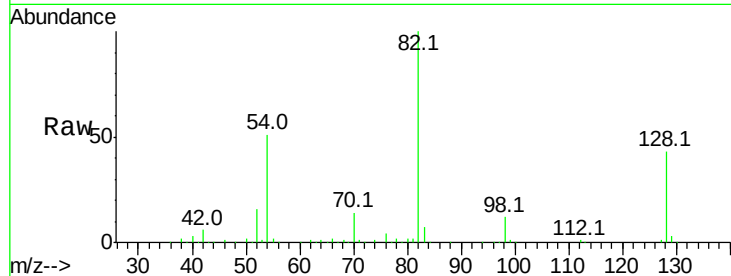




#23
 Nitrobenzene-d5
 Concen: 84.809 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106638.D
 Acq: 20 Jun 2018 23:42

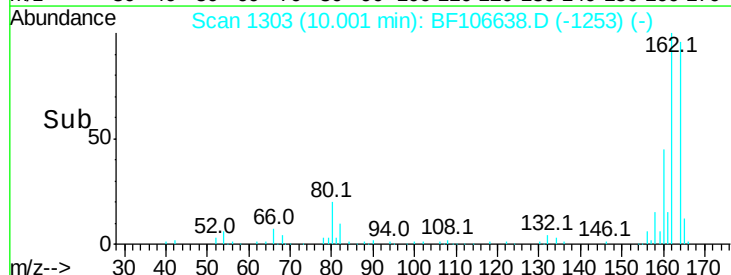
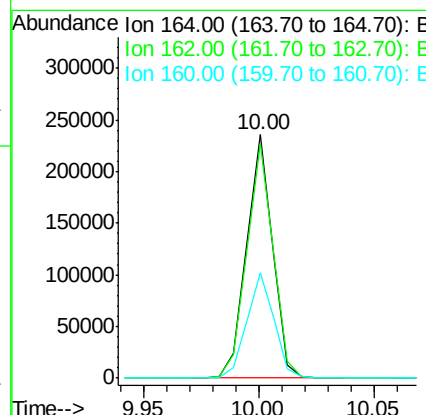
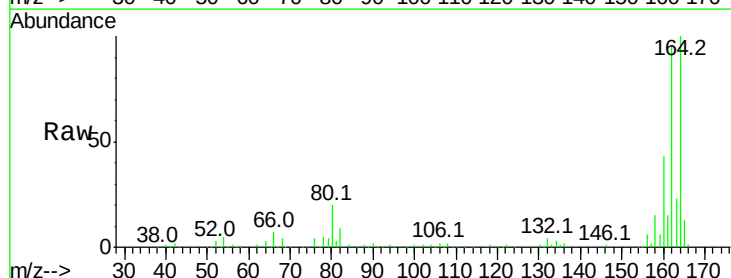
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)

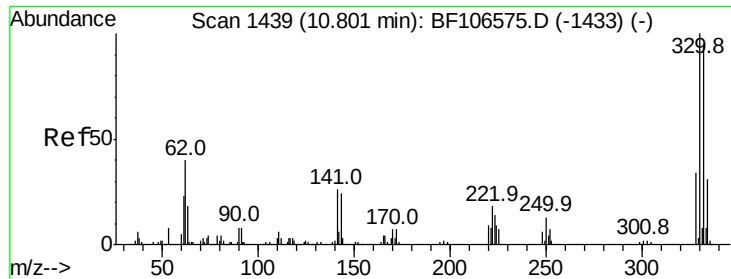
Tot Ion	82	Resp	547019
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	50.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106638.D
 Acq: 20 Jun 2018 23:42

Tgt Ion	164	Resp	185182
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	43.3	38.3	57.5

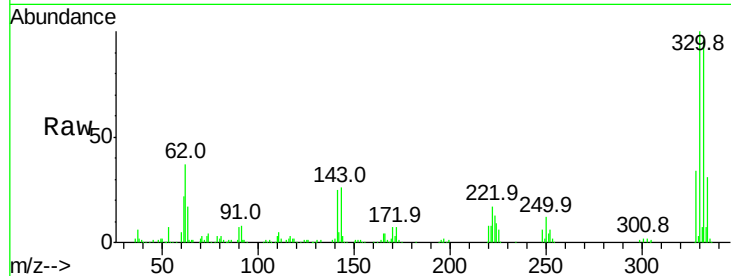




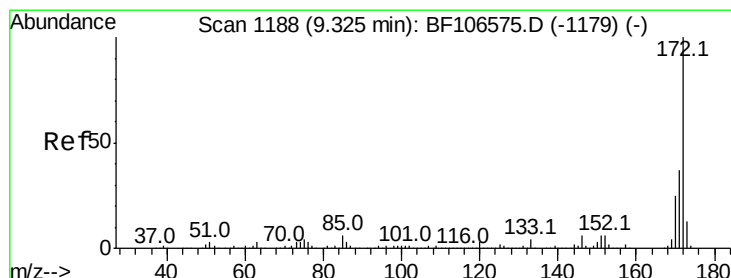
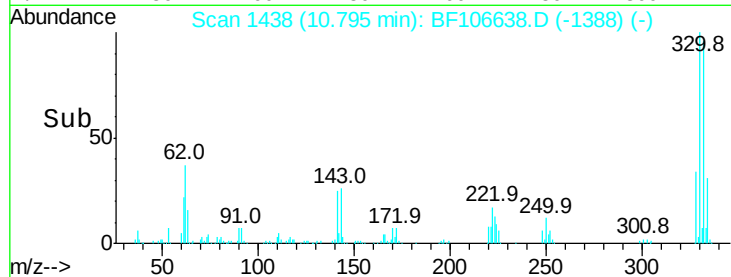
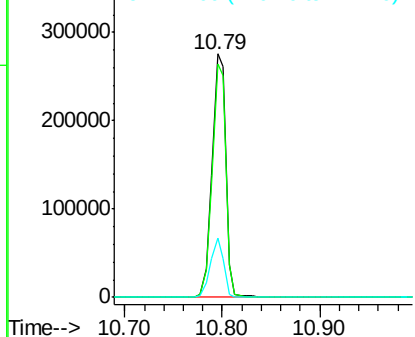
#41
 2,4,6-Tribromophenol
 Concen: 125.356 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106638.D
 Acq: 20 Jun 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)

Tot Ion:330 Resp: 269052
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 23.9 29.9 44.9#

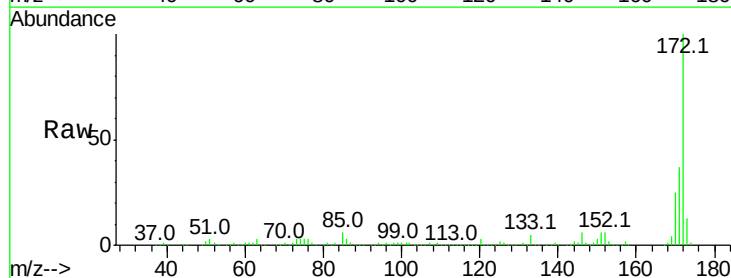


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

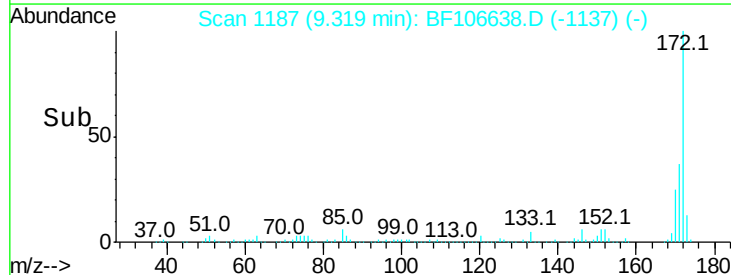
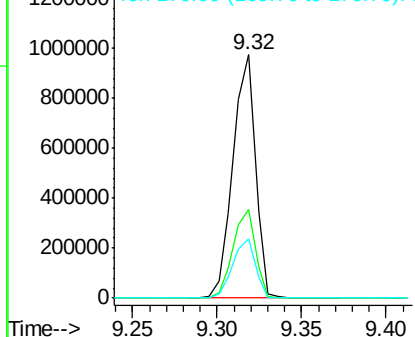


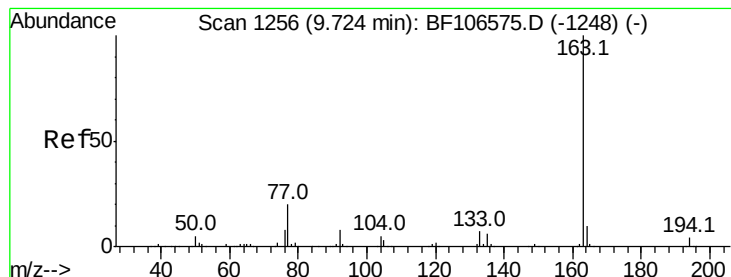
#44
 2-Fluorobiphenyl
 Concen: 82.033 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106638.D
 Acq: 20 Jun 2018 23:42

Tgt Ion:172 Resp: 903116
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 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: 9.303 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

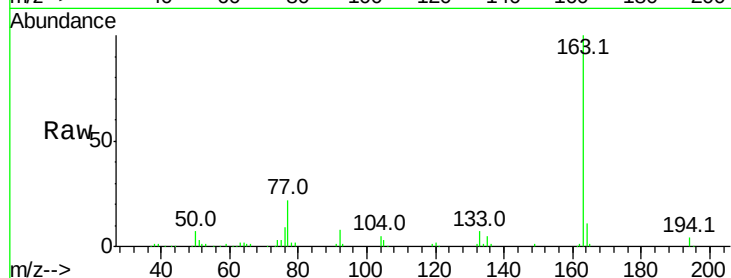
Tot Ion:163 Resp: 129207

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

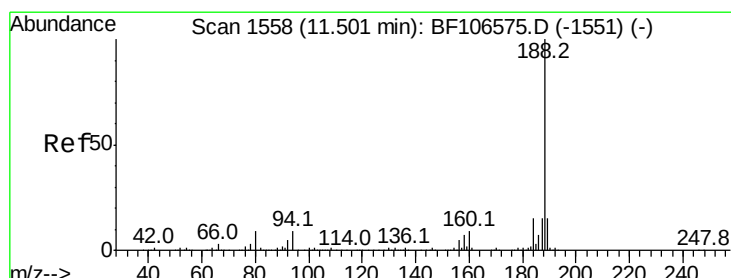
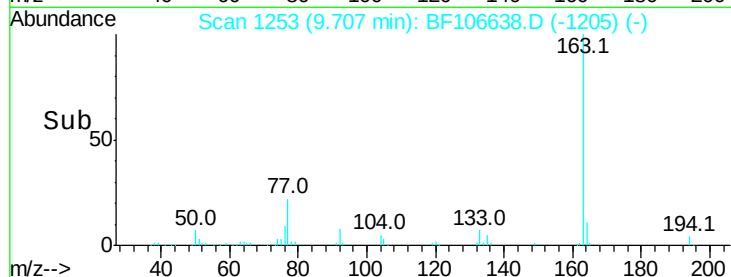
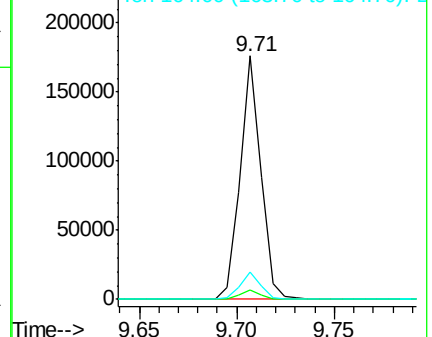
164 11.1 8.2 12.2



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: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

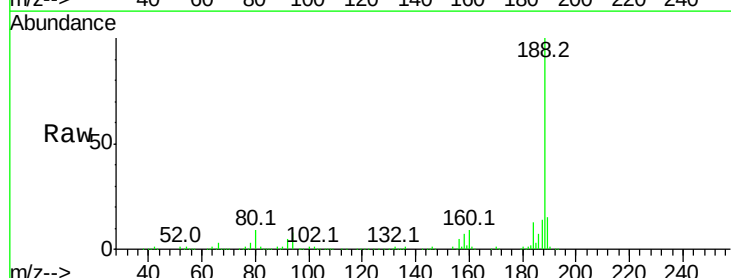
Tgt Ion:188 Resp: 334829

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

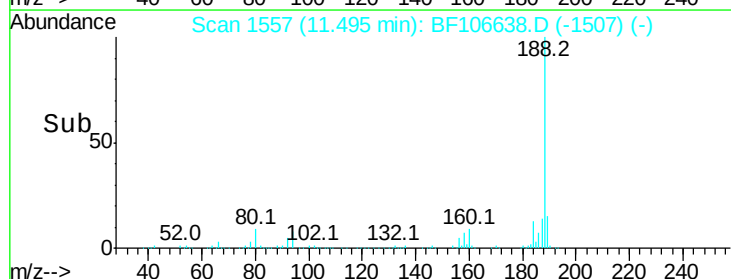
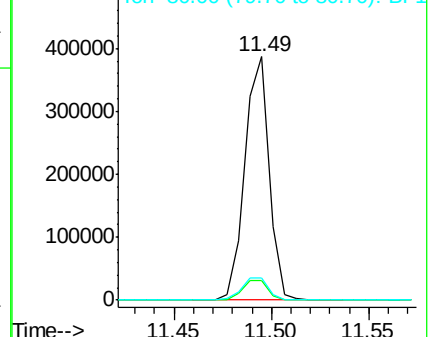
80 9.1 9.2 13.8#

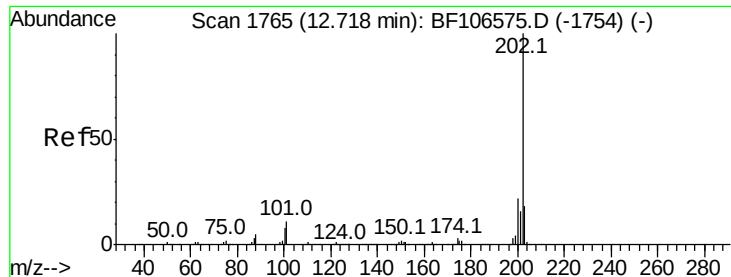


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.719 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

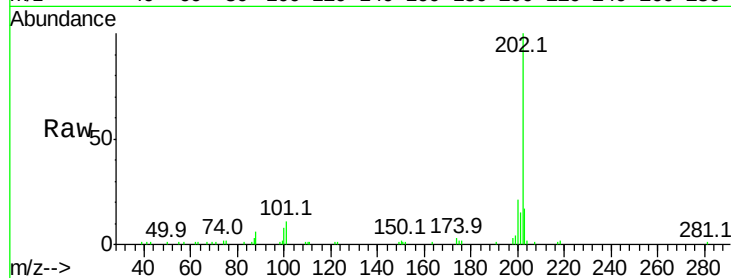
Tot Ion:202 Resp: 48395

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

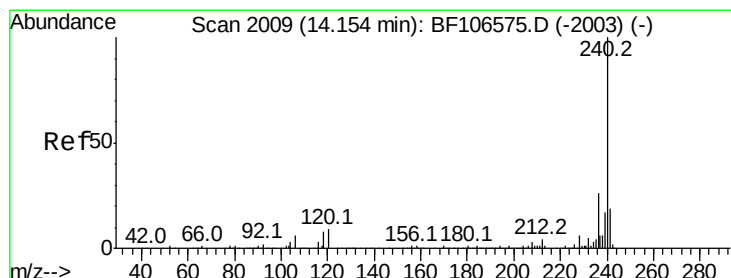
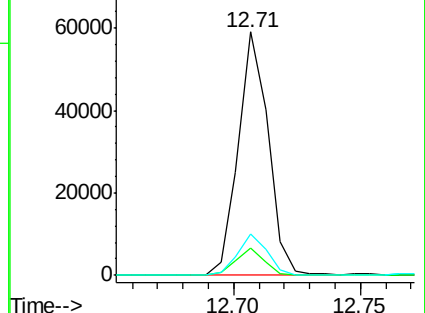
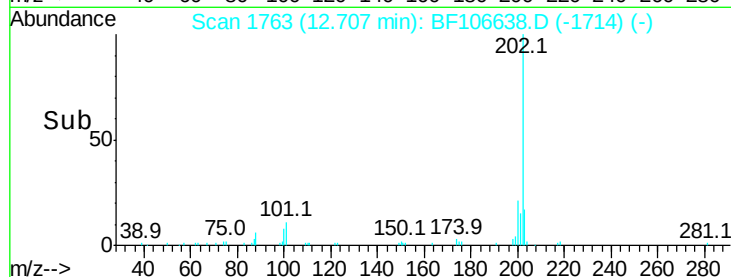
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

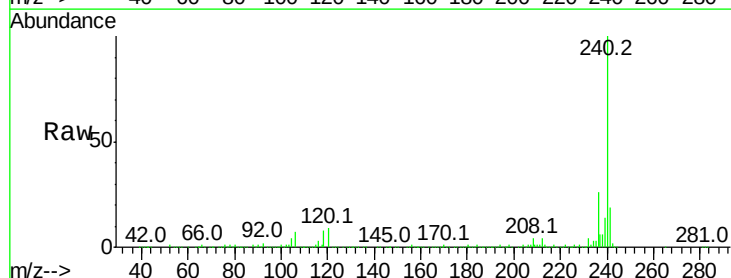
Tgt Ion:240 Resp: 256351

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

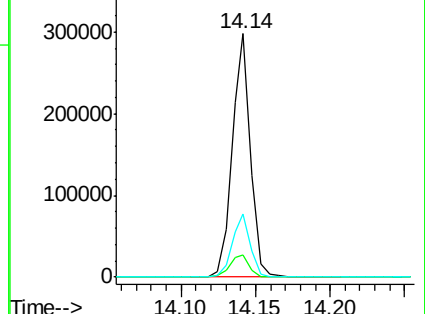
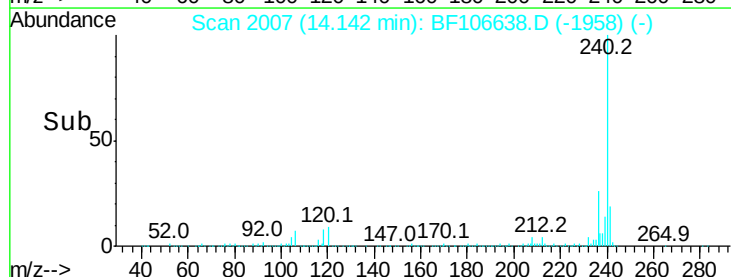
236 25.8 20.7 31.1

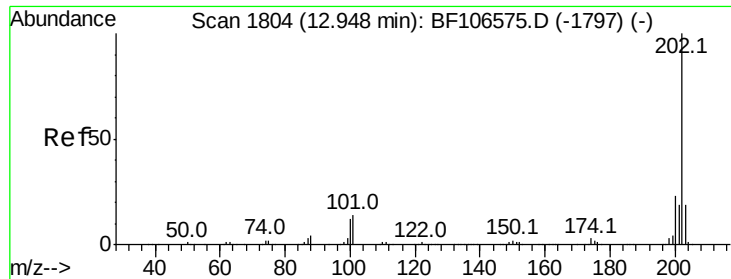


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.636 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)

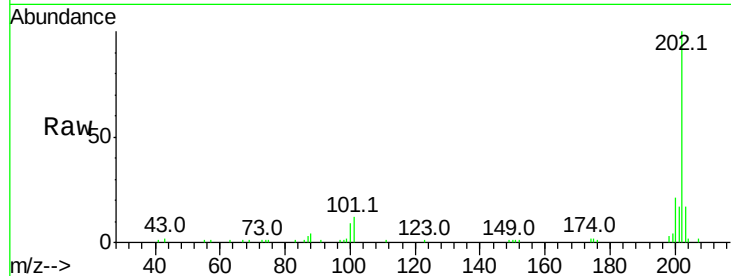
Tot Ion:202 Resp: 44555

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

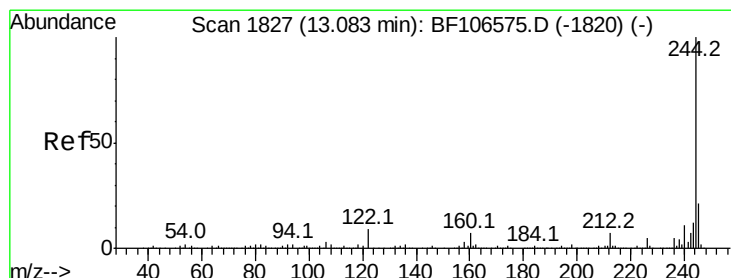
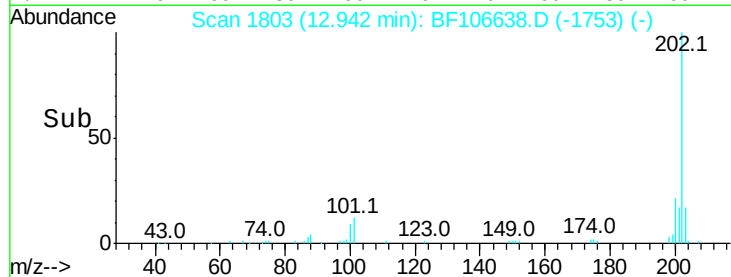
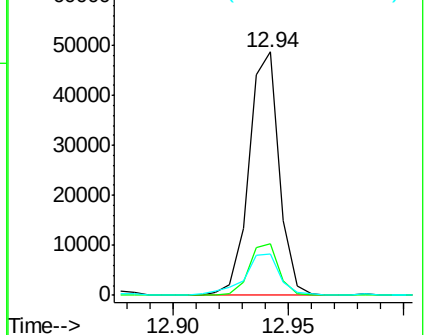
203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.188 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106638.D

Acq: 20 Jun 2018 23:42

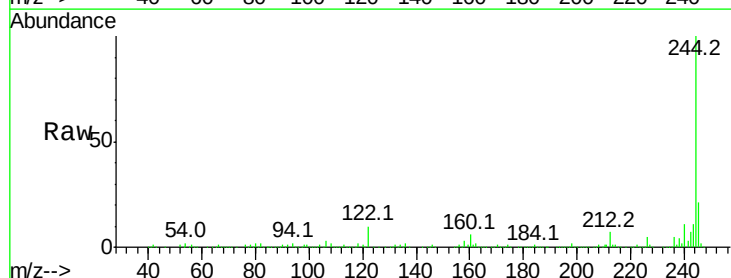
Tgt Ion:244 Resp: 880379

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

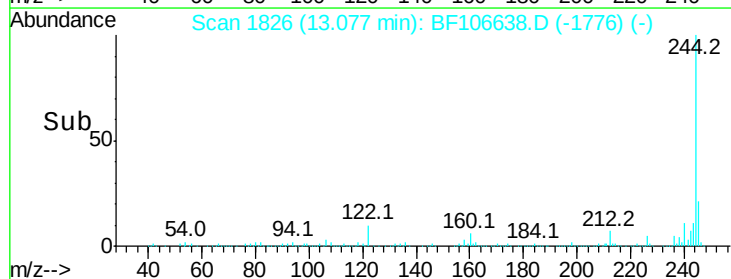
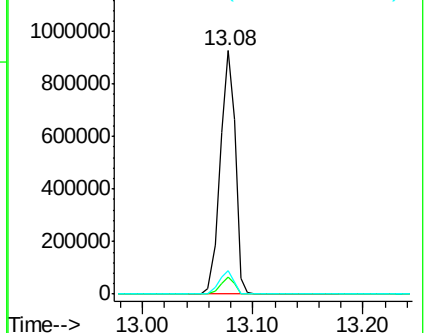
122 9.5 11.0 16.4#

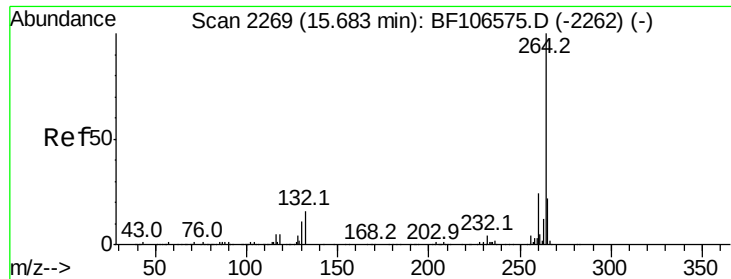


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

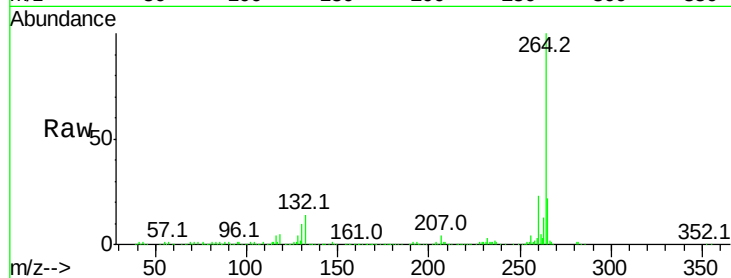




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	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

