

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104150.D
 Acq On : 2 Apr 2018 21:49
 Operator : JU/SJ
 Sample : J2178-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6-TP

Quant Time: Apr 03 02:18:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

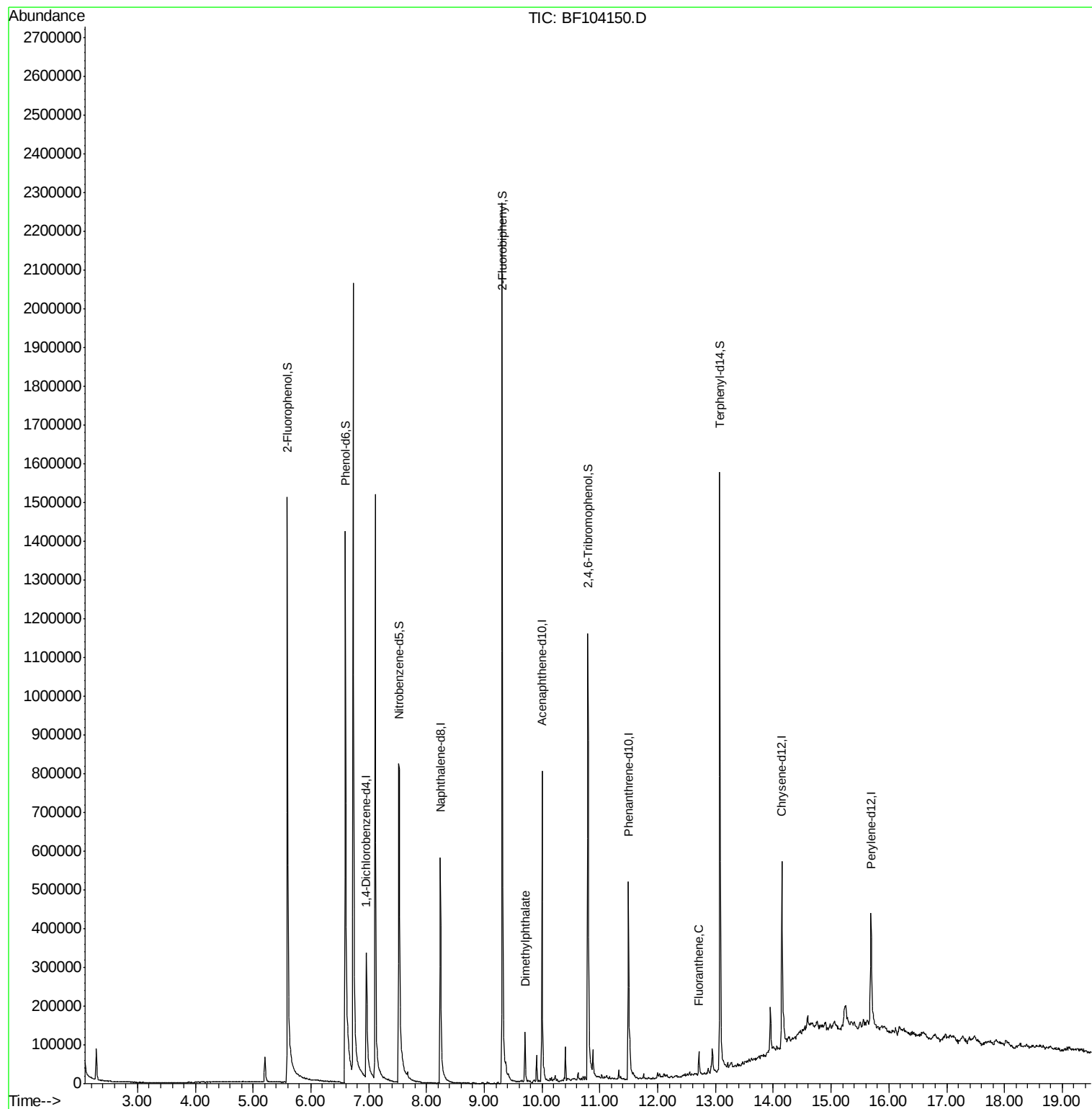
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97826	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	399534	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	178546	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	273431	20.00	ng	0.00
75) Chrysene-d12	14.15	240	216718	20.00	ng	0.00
86) Perylene-d12	15.69	264	195846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	679753	110.81	ng	0.00
7) Phenol-d6	6.60	99	882269	116.90	ng	0.00
23) Nitrobenzene-d5	7.52	82	515979	78.98	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	193159	97.16	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	863407	76.26	ng	0.00
78) Terphenyl-d14	13.07	244	641747	68.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	65071	4.616	ng	98
74) Fluoranthene	12.72	202	33160	2.107	ng	95

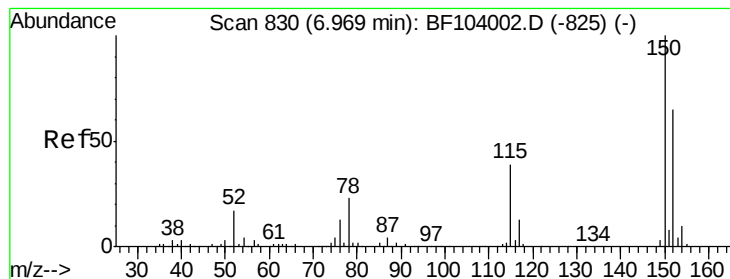
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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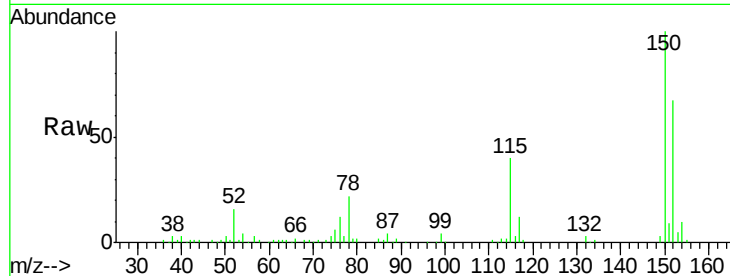


#1

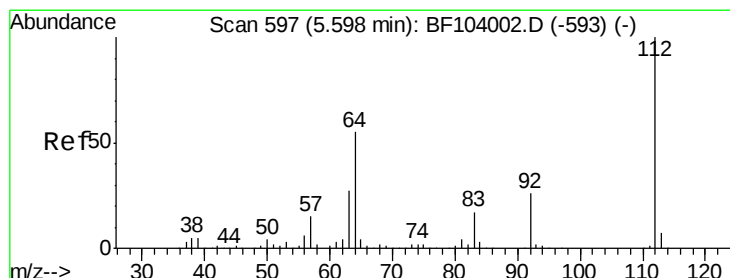
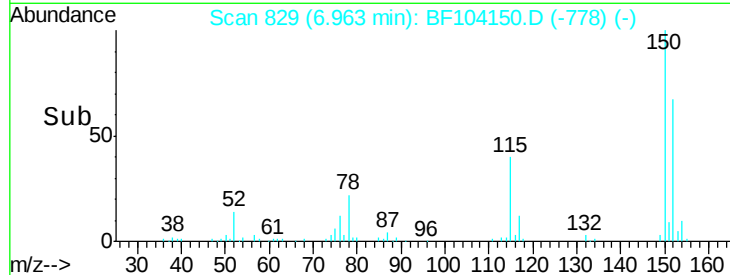
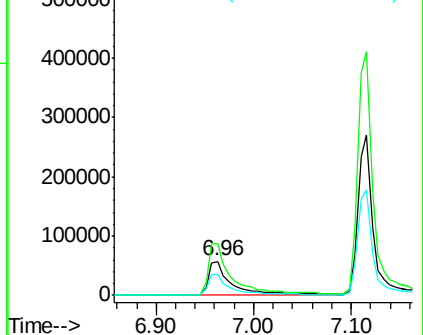
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

Instrument :
 BNA_F
 ClientSampled :
 S6-TP

Tot Ion:152 Resp: 97826
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.6 186.8
 115 60.3 50.1 75.1



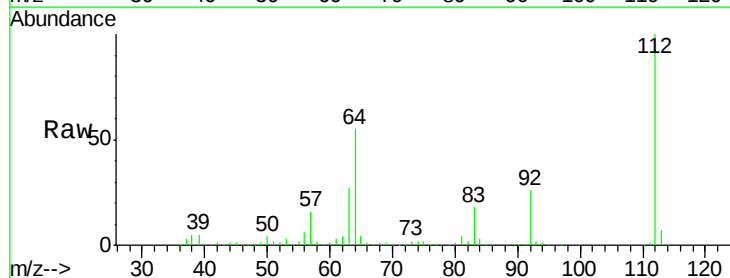
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



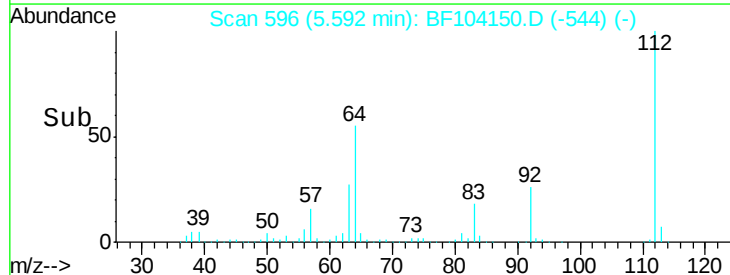
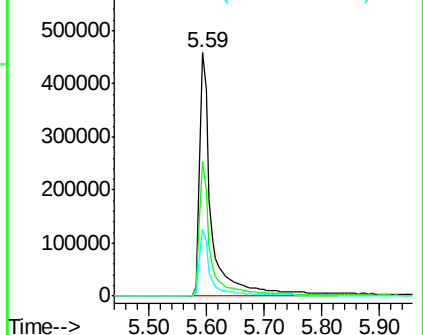
#5

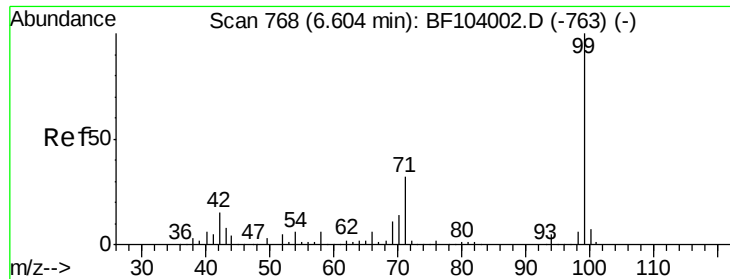
2-Fluorophenol
 Concen: 110.813 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

Tgt Ion:112 Resp: 679753
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.5 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: 116.903 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

Instrument :

BNA_F

ClientSampleId :

S6-TP

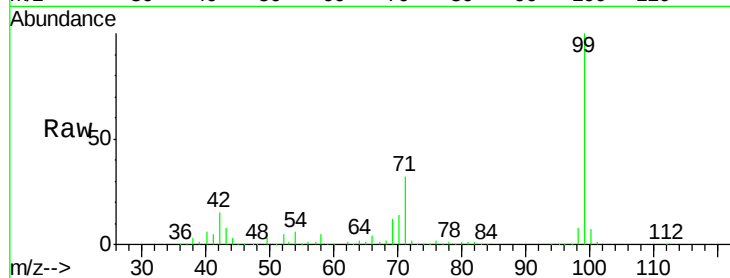
Tot Ion: 99 Resp: 882269

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

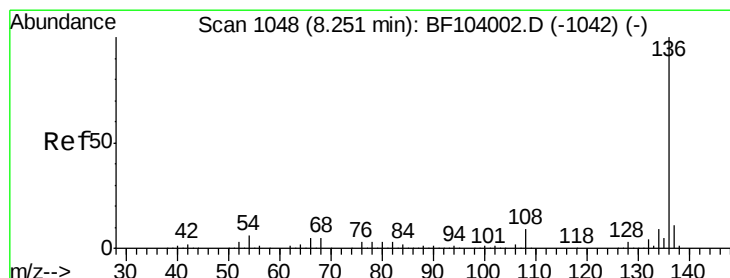
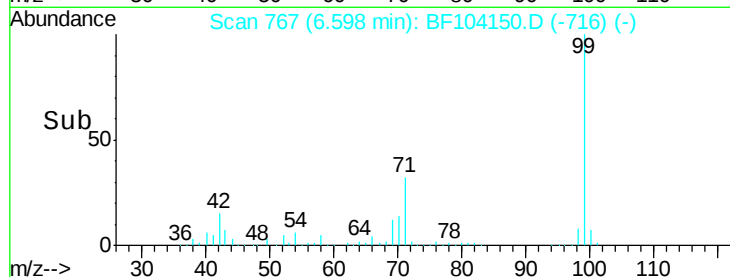
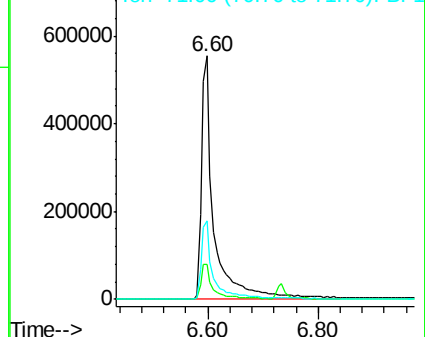
71 32.1 25.4 38.0



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# 1046

Delta R.T. -0.01 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

Tgt Ion: 136 Resp: 399534

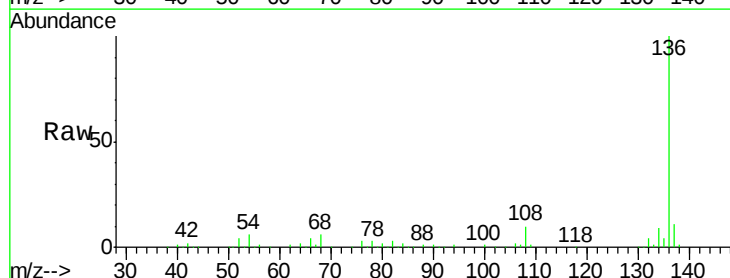
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.4 6.6 9.8#

68 5.8 5.0 7.4

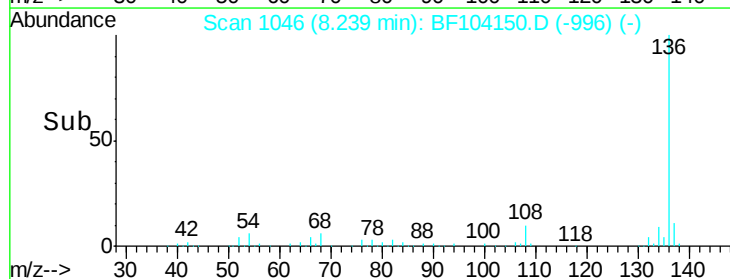
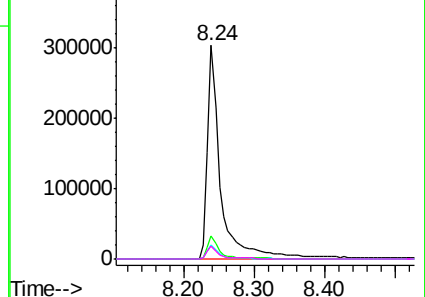


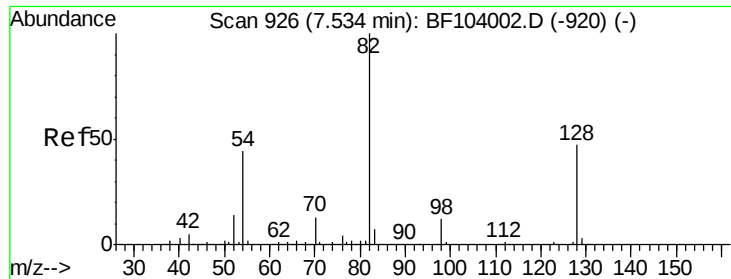
Abundance Ion 136.00 (135.70 to 136.70): E

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

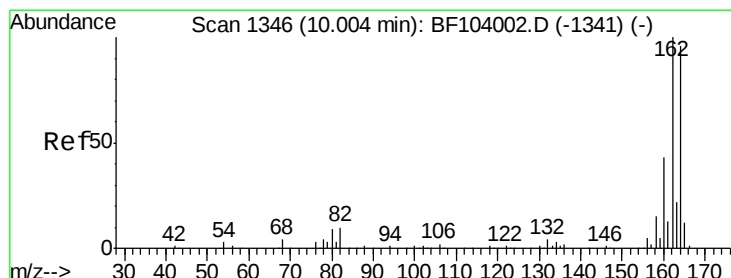
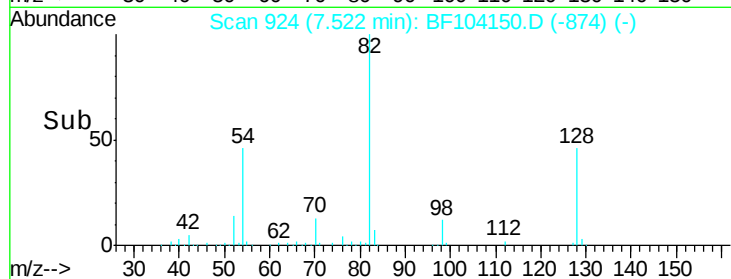
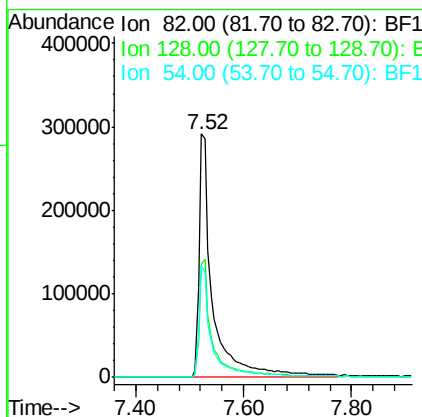
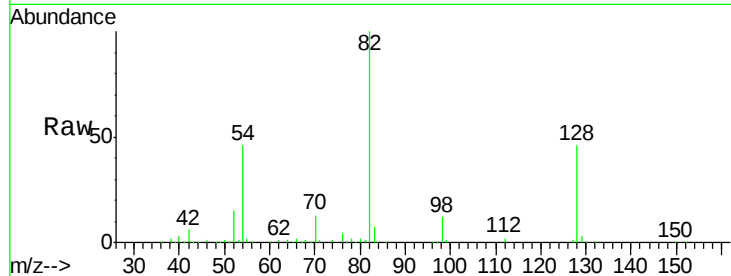




#23
 Nitrobenzene-d5
 Concen: 78.979 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

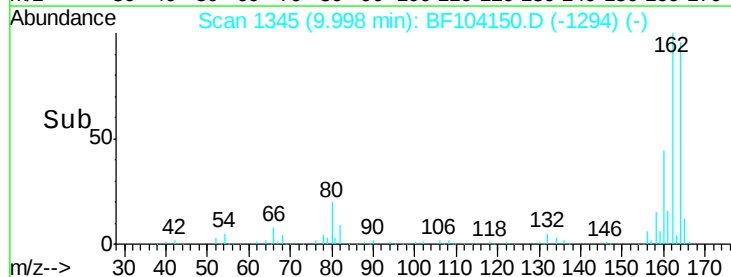
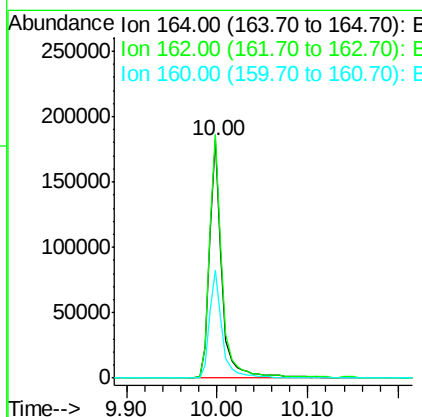
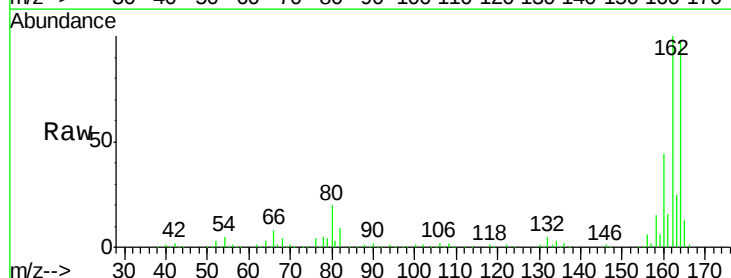
Instrument :
 BNA_F
 ClientSampleId :
 S6-TP

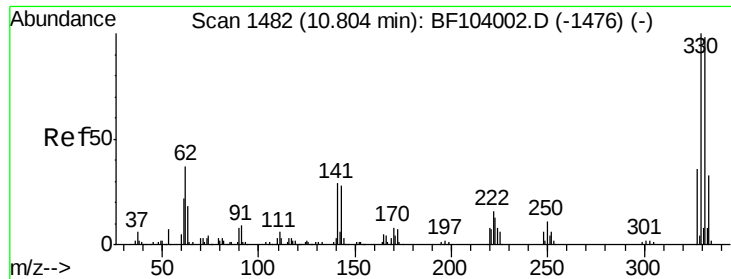
Tot Ion	82	Resp	515979
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	46.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

Tgt Ion	164	Resp	178546
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	45.1	38.3	57.5

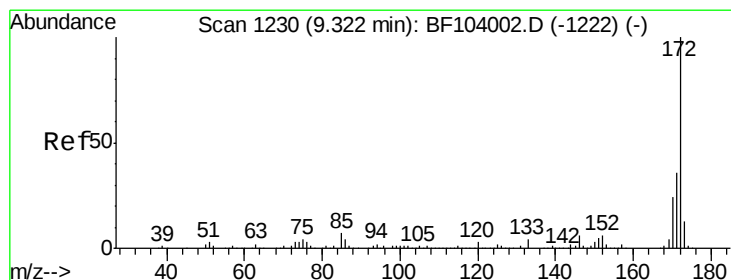
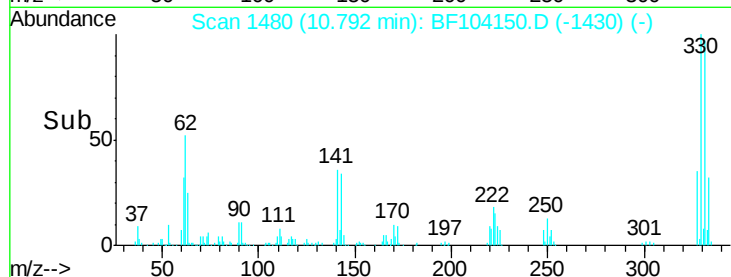
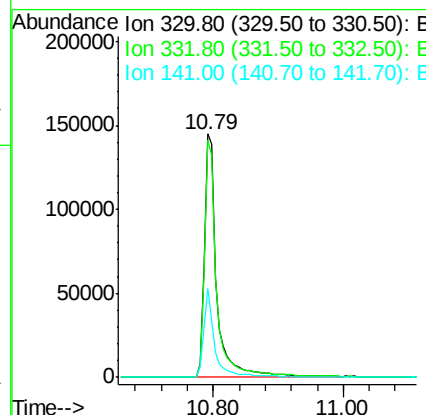
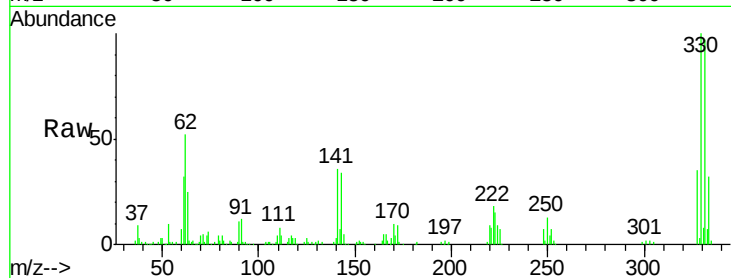




#41
 2,4,6-Tribromophenol
 Concen: 97.157 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

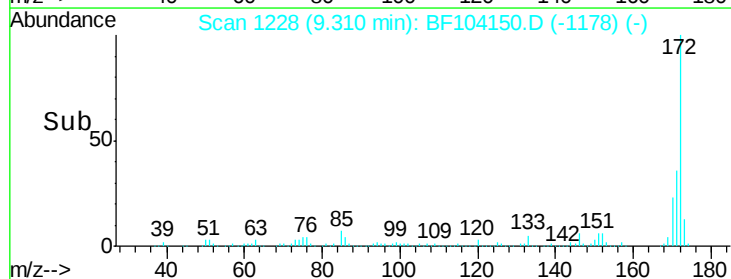
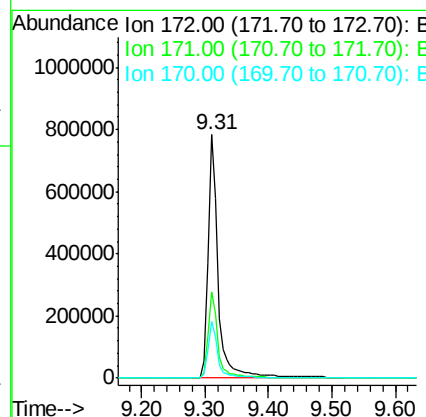
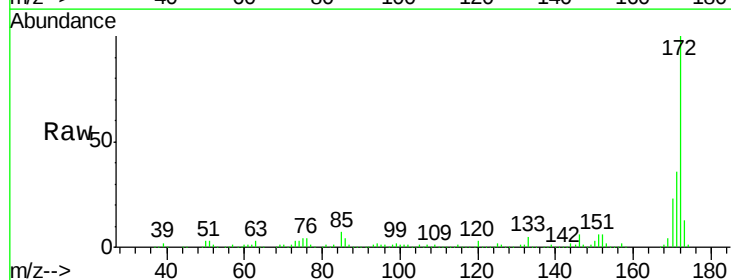
Instrument :
 BNA_F
 ClientSampleId :
 S6-TP

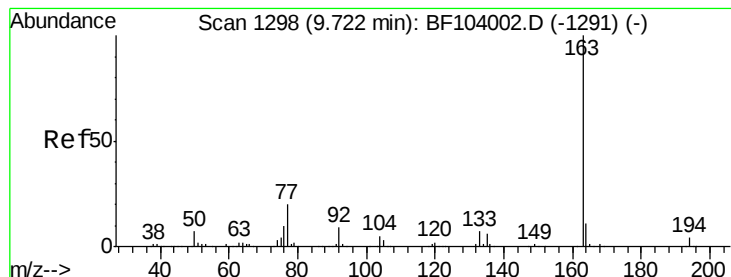
Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	31.0	29.9	44.9	



#44
 2-Fluorobiphenyl
 Concen: 76.256 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104150.D
 Acq: 2 Apr 2018 21:49

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	23.5	19.6	29.4	





#49

Dimethylphthalate

Concen: 4.616 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

Instrument :

BNA_F

ClientSampleId :

S6-TP

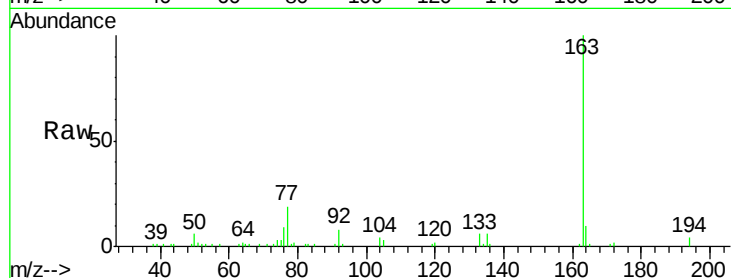
Tot Ion:163 Resp: 65071

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

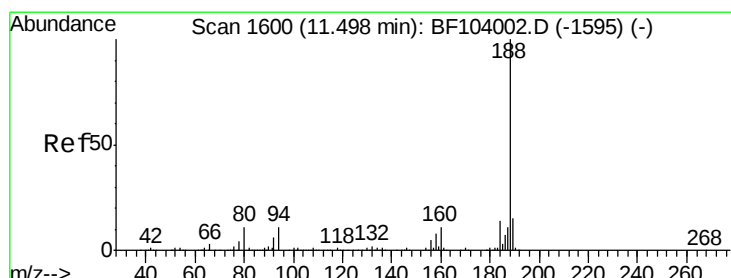
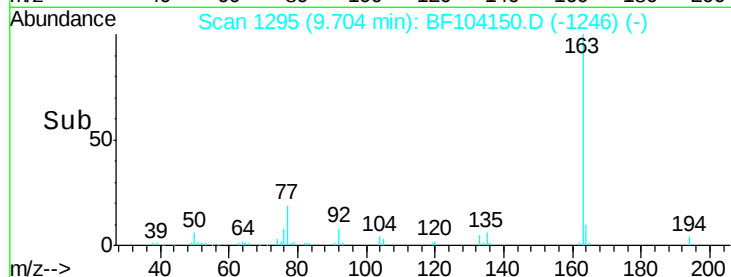
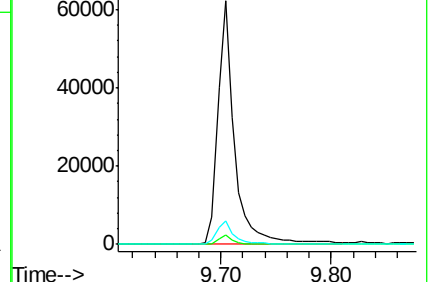
164 9.6 8.2 12.2



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# 1599

Delta R.T. -0.01 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

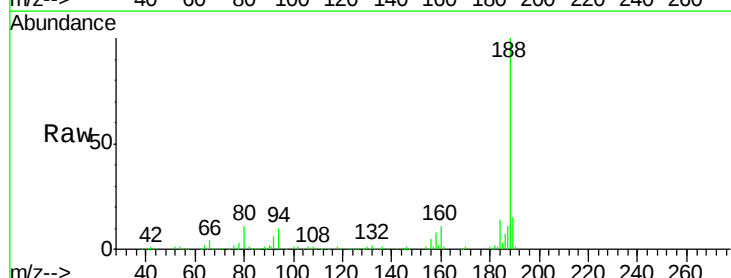
Tgt Ion:188 Resp: 273431

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

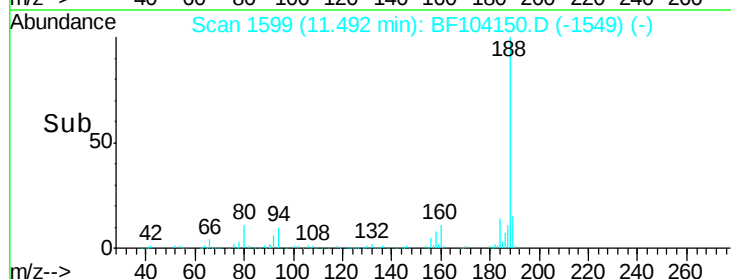
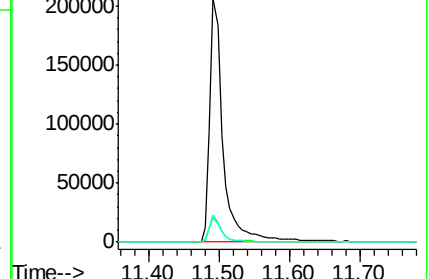
80 11.2 9.2 13.8

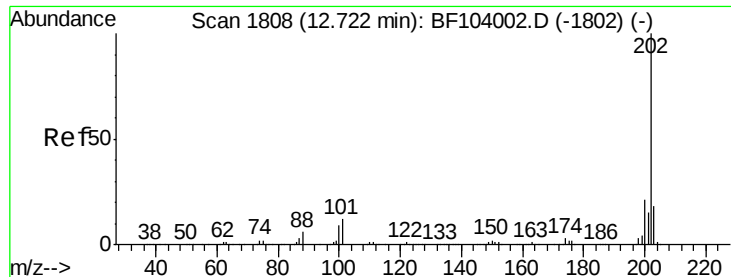


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.107 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

Instrument :

BNA_F

ClientSampleId :

S6-TP

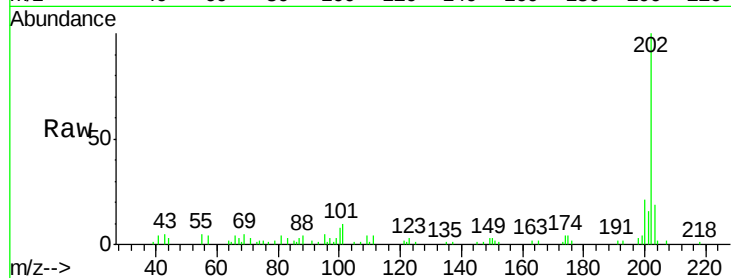
Tot Ion:202 Resp: 33160

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

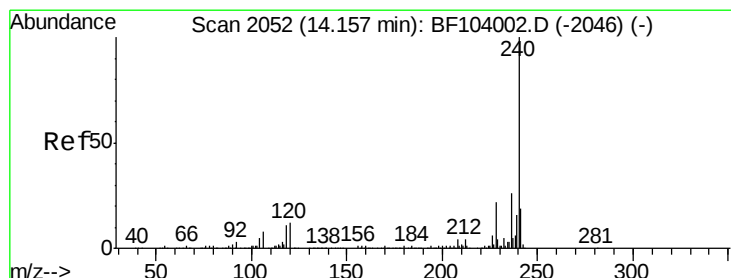
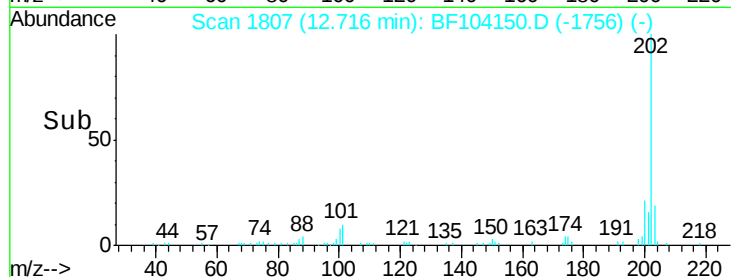
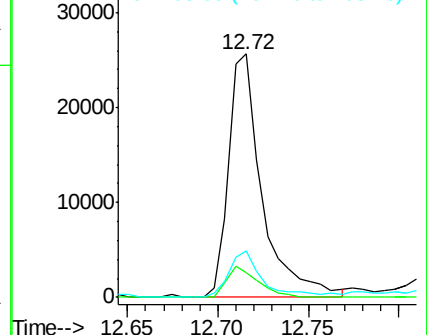
203 19.1 0.0 38.1



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: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

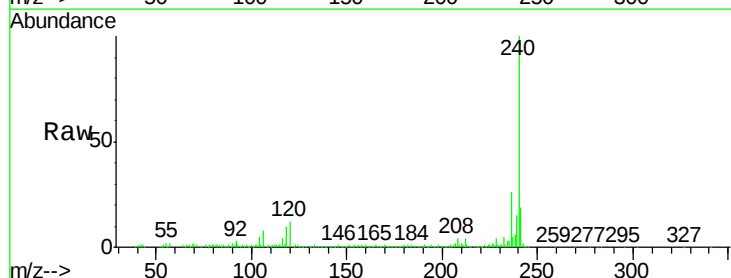
Tgt Ion:240 Resp: 216718

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

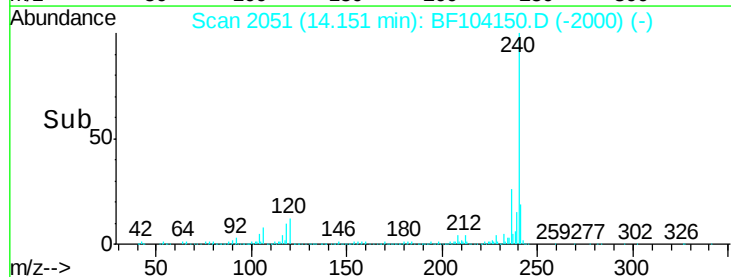
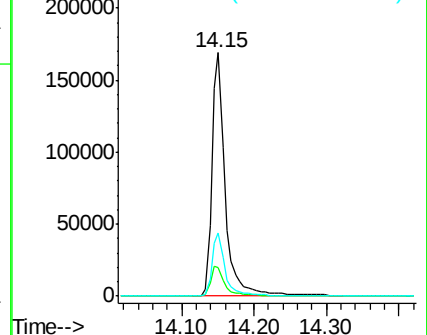
236 25.9 20.7 31.1

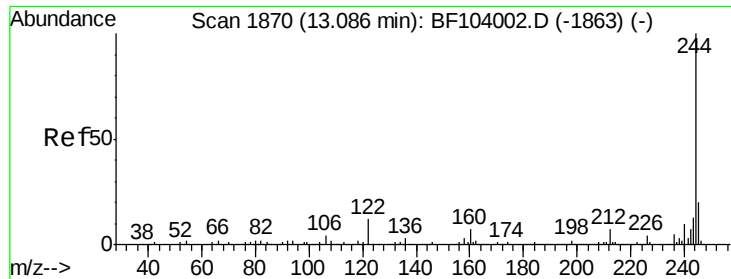


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.373 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

Instrument :

BNA_F

ClientSampleId :

S6-TP

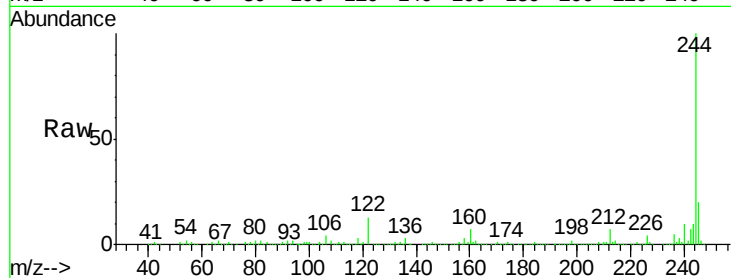
Tot Ion:244 Resp: 641747

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

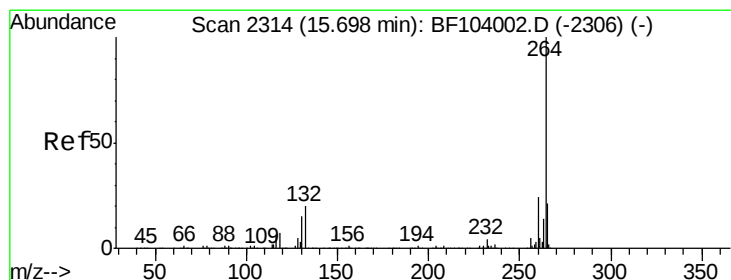
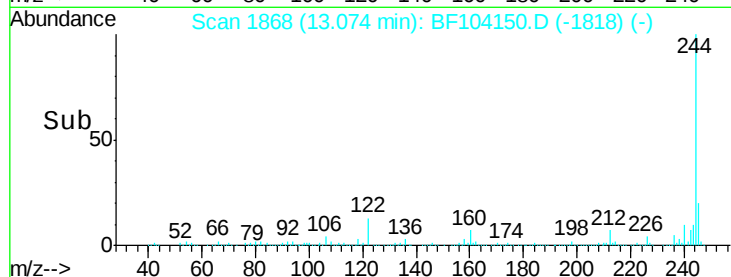
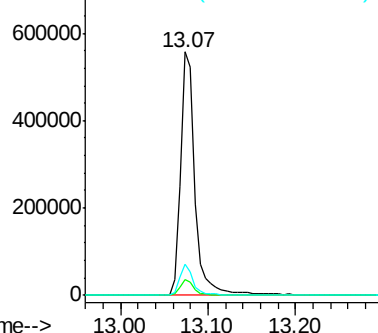
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BF104150.D

Acq: 2 Apr 2018 21:49

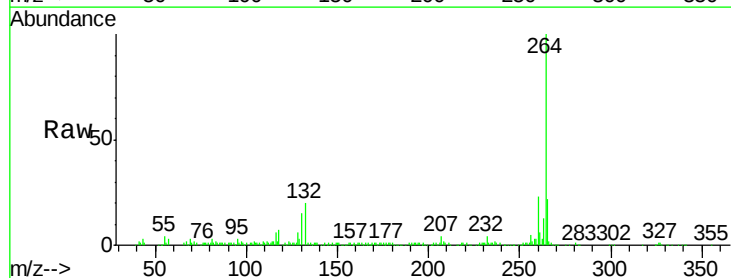
Tgt Ion:264 Resp: 195846

Ion Ratio Lower Upper

264 100

260 22.8 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

