

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100594.D
 Acq On : 15 Nov 2017 17:59
 Operator : SJ/JU
 Sample : I6429-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Nov 16 04:26:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

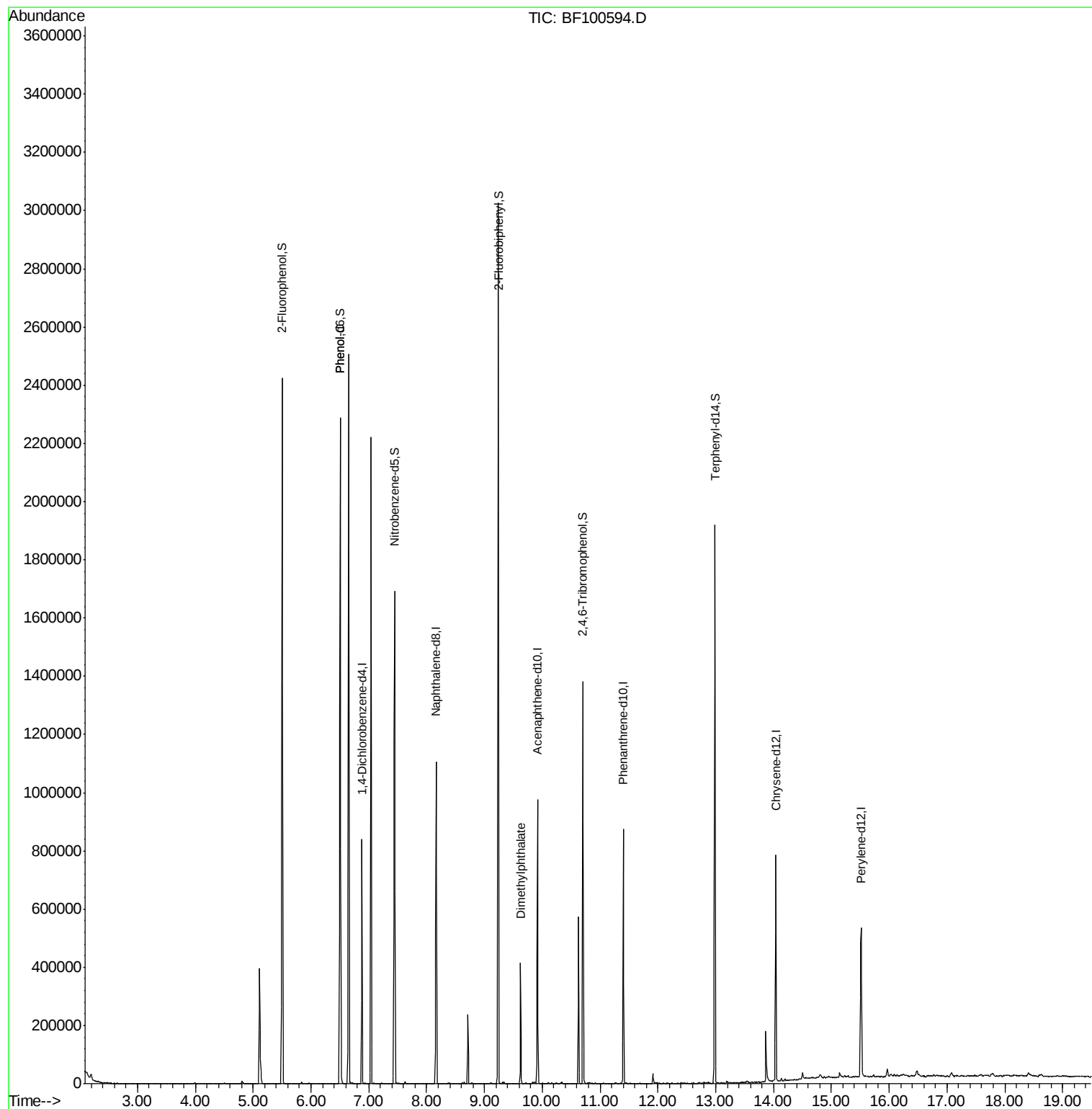
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123238	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	472540	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	193206	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	289803	20.00	ng	0.00
75) Chrysene-d12	14.04	240	252288	20.00	ng	-0.01
86) Perylene-d12	15.52	264	246617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	712188	92.64	ng	0.00
7) Phenol-d6	6.51	99	850250	89.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	527366	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	167154	84.90	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	947241	74.65	ng	0.00
78) Terphenyl-d14	12.99	244	604217	55.03	ng	0.00
Target Compounds						
10) Phenol	6.52	94	45310	4.553	ng	81
49) Dimethylphthalate	9.63	163	149568	10.139	ng	99

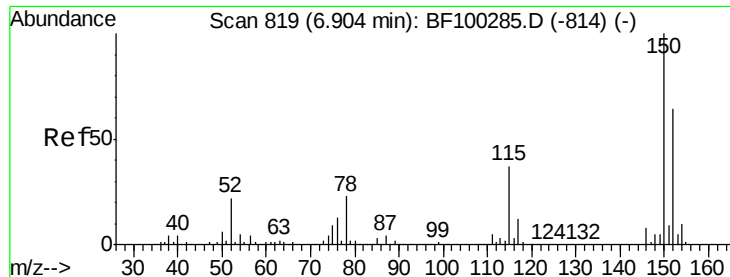
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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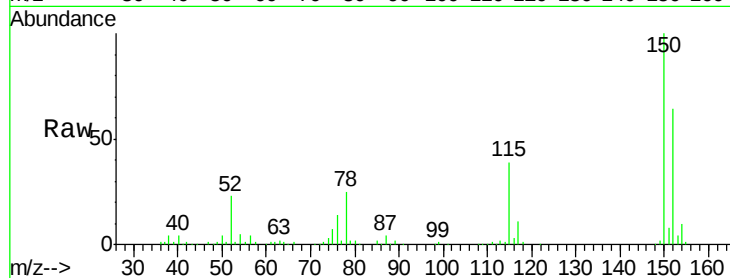


#1

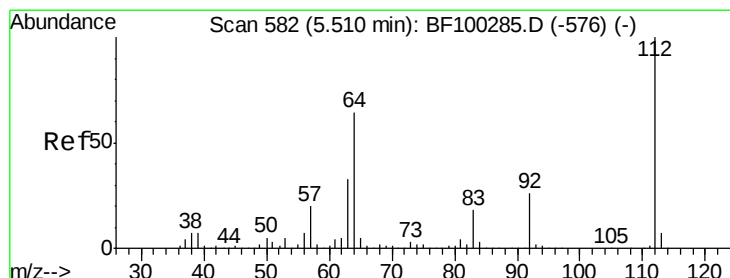
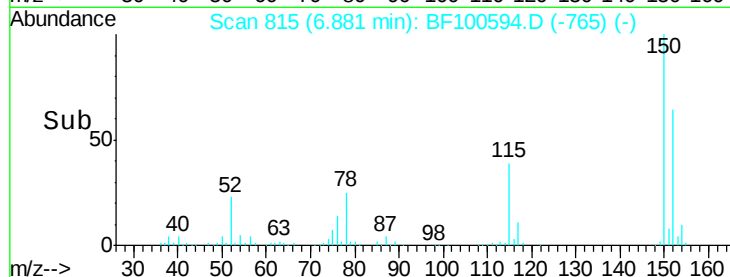
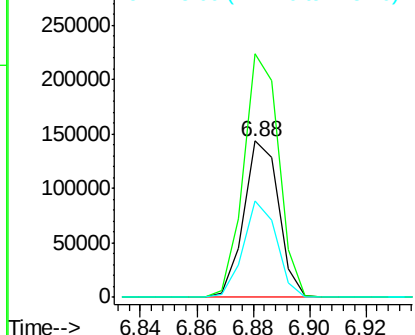
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 123238
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 61.5 50.1 75.1



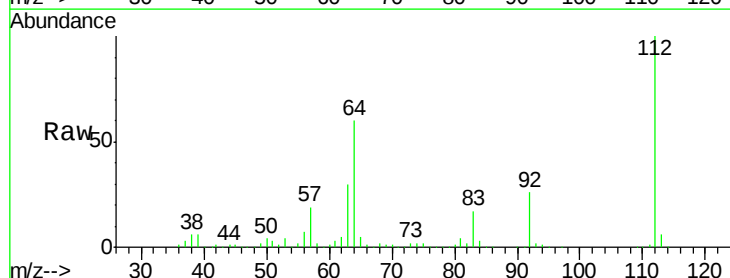
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



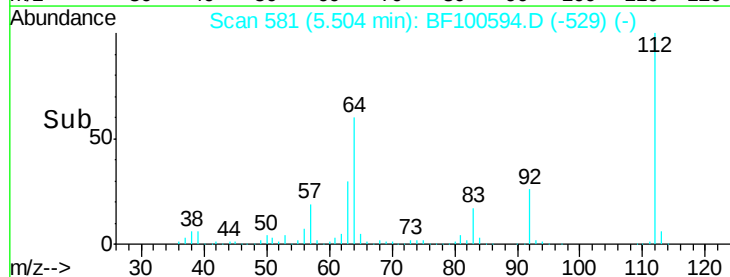
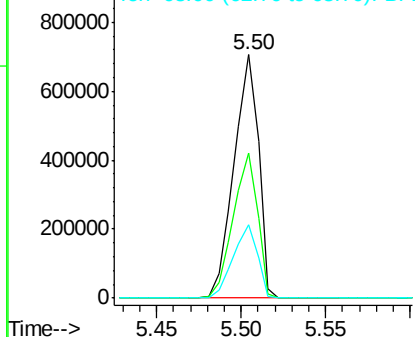
#5

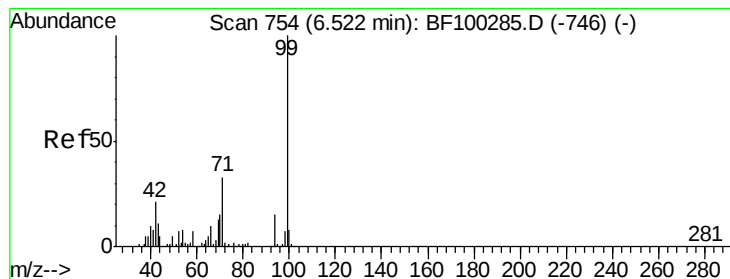
2-Fluorophenol
Concen: 92.636 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:112 Resp: 712188
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.2 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: 89.686 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

Instrument :

BNA_F

ClientSampleId :

SP-1

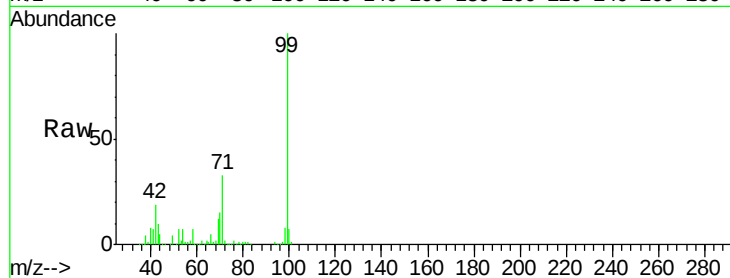
Tgt Ion: 99 Resp: 850250

Ion Ratio Lower Upper

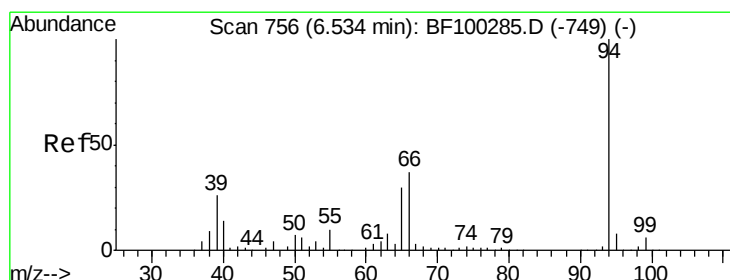
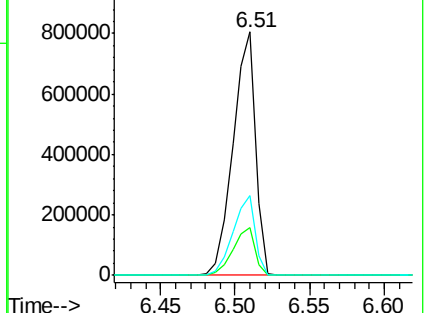
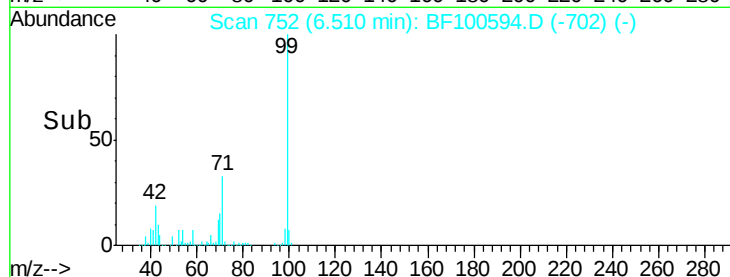
99 100

42 19.4 14.5 21.7

71 32.8 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: 4.553 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

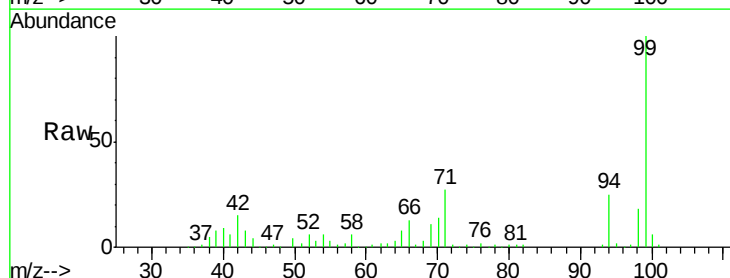
Tgt Ion: 94 Resp: 45310

Ion Ratio Lower Upper

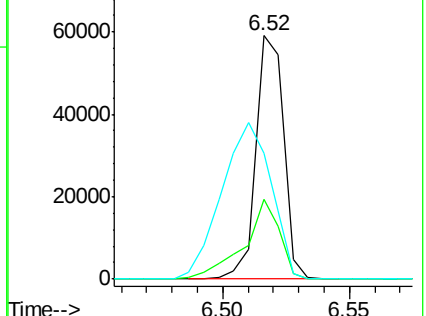
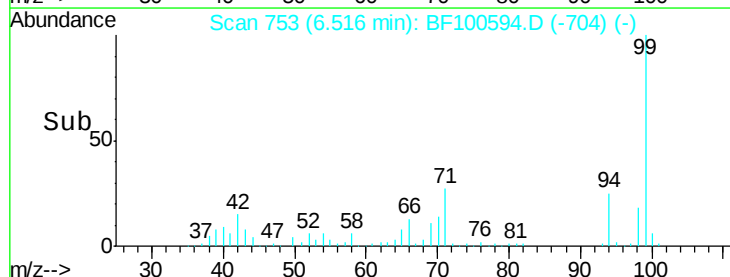
94 100

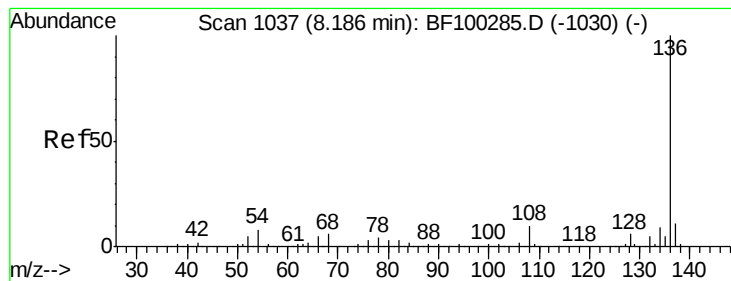
65 32.9 7.9 47.9

66 51.8 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion: 136 Resp: 472540

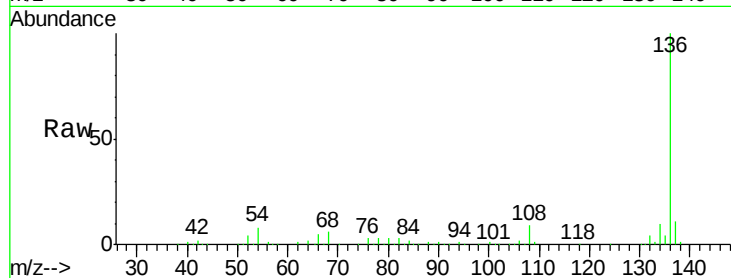
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.2 6.6 9.8

68 6.3 5.0 7.4

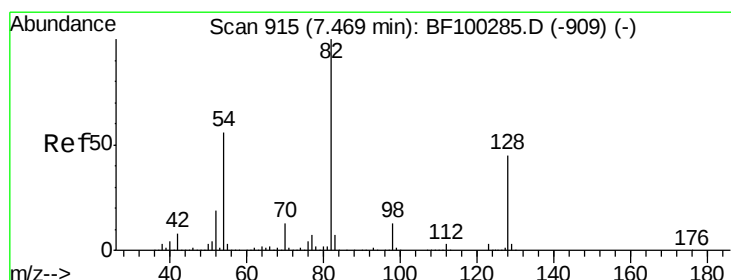
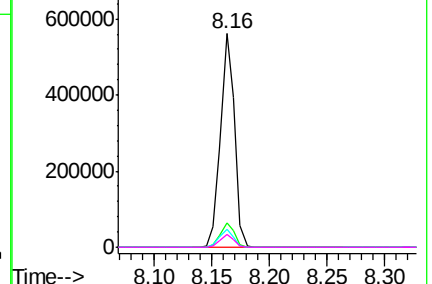
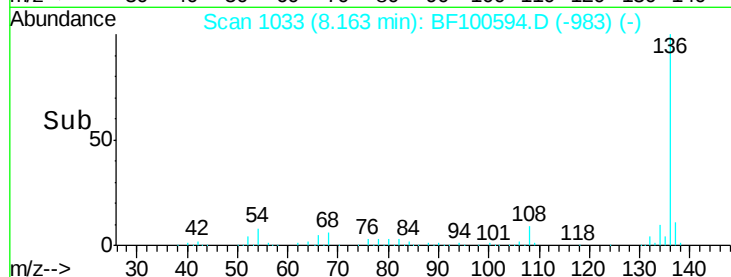


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.784 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

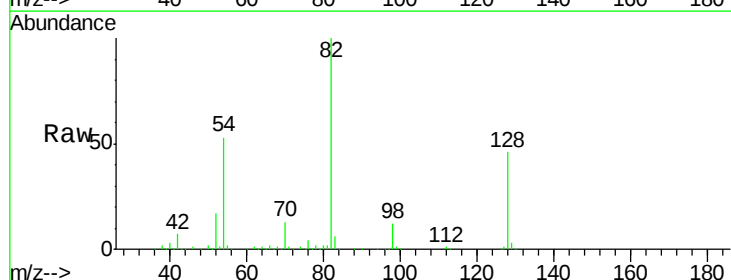
Tgt Ion: 82 Resp: 527366

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

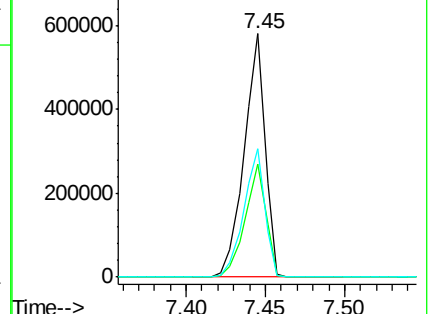
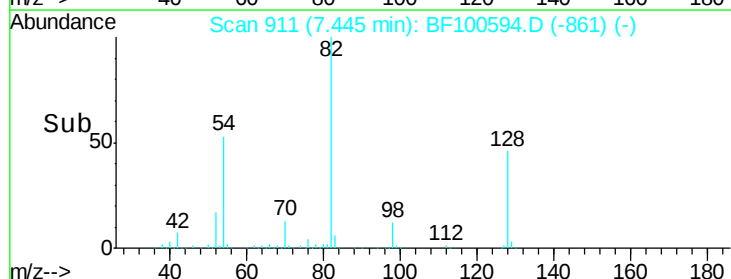
54 52.6 41.4 62.2

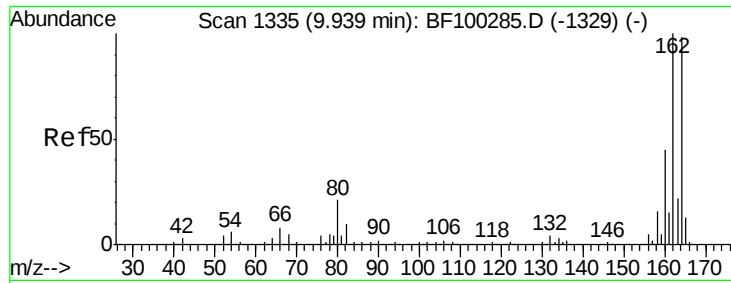


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

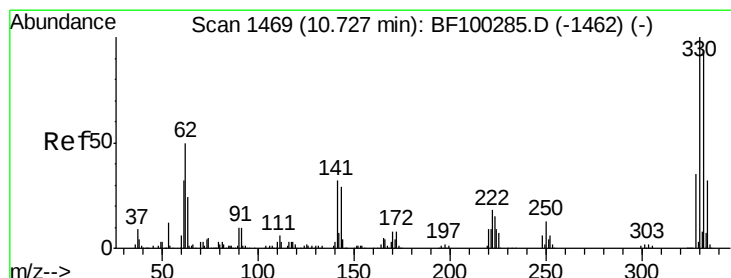
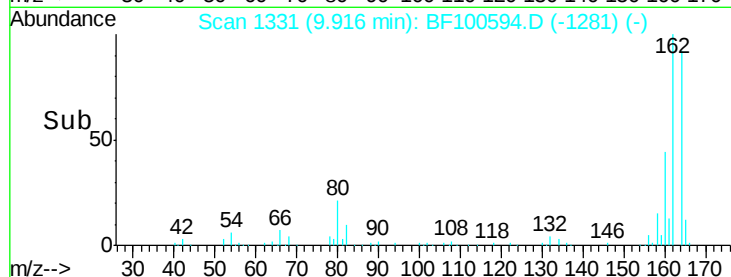
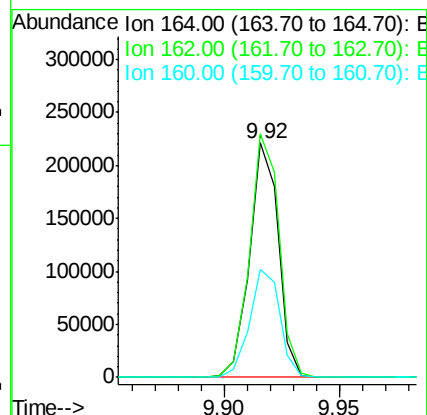
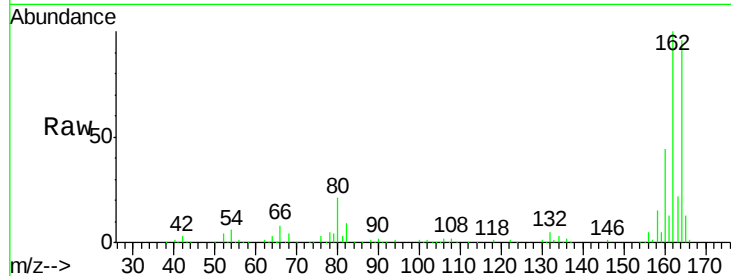




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100594.D
 Acq: 15 Nov 2017 17:59

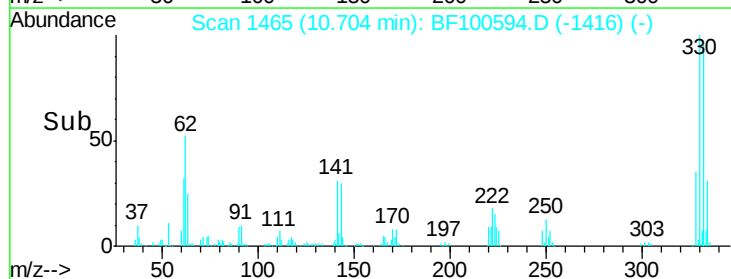
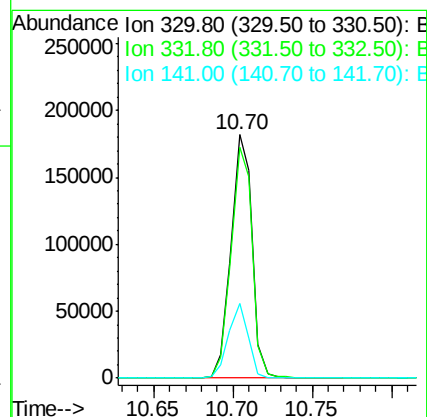
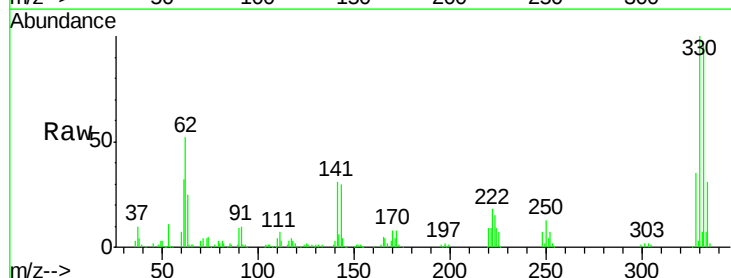
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

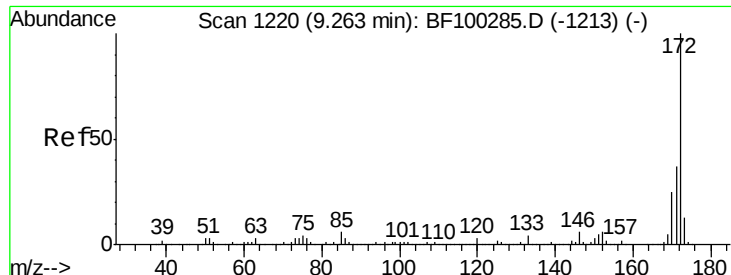
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 84.903 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100594.D
 Acq: 15 Nov 2017 17:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	28.9	29.9	44.9#

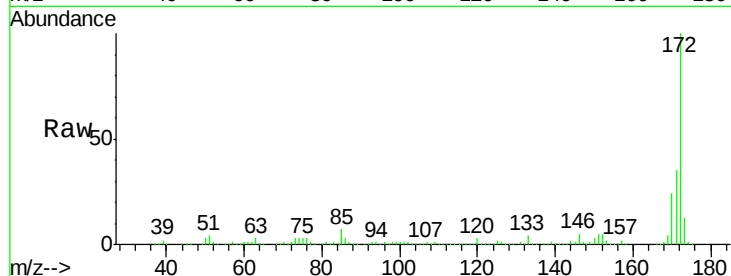




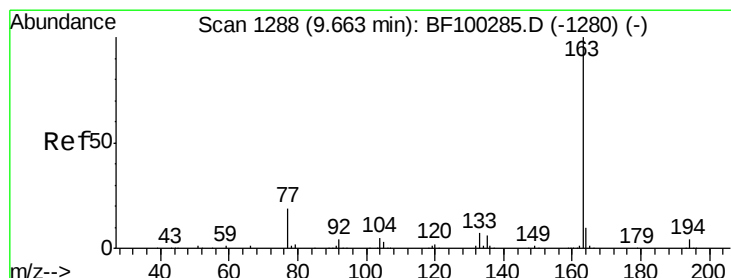
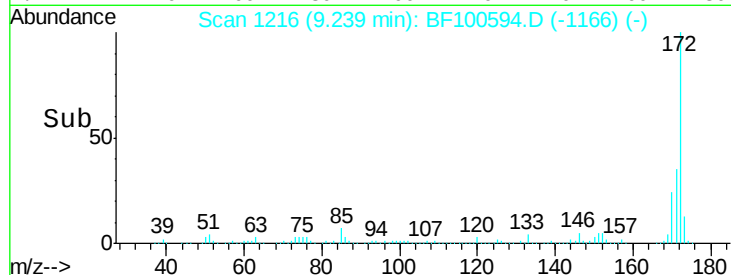
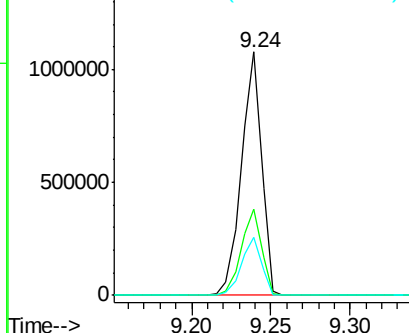
#44
2-Fluorobiphenyl
Concen: 74.655 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:172 Resp: 947241
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.1 19.6 29.4

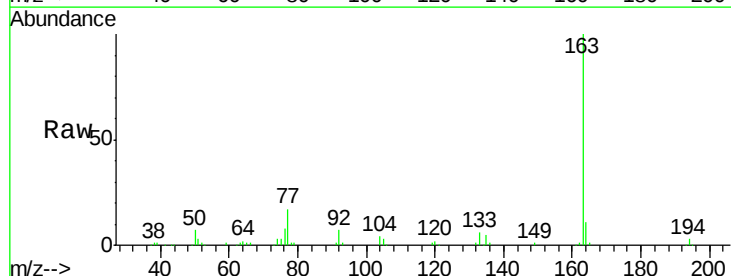


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

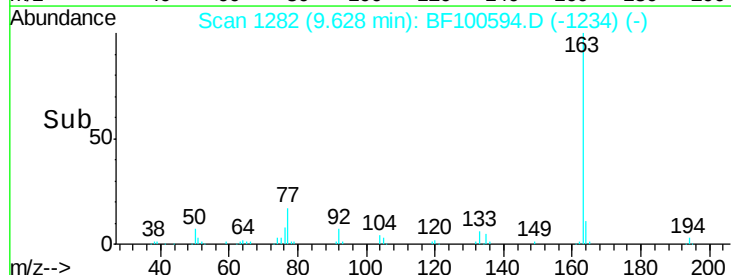
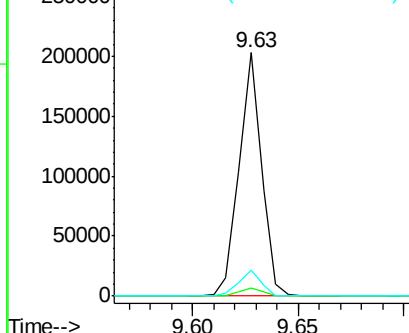


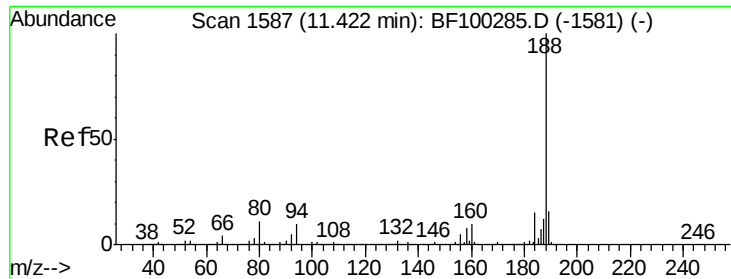
#49
Dimethylphthalate
Concen: 10.139 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:163 Resp: 149568
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 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

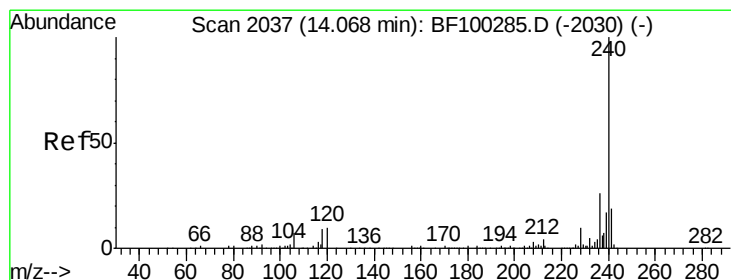
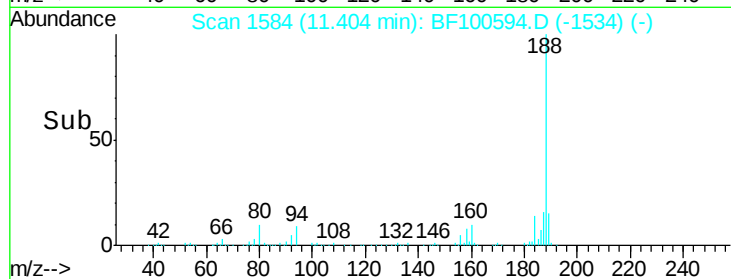
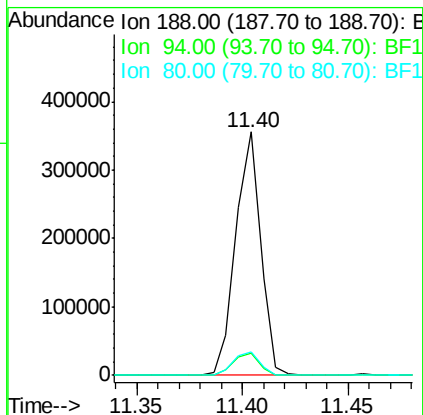
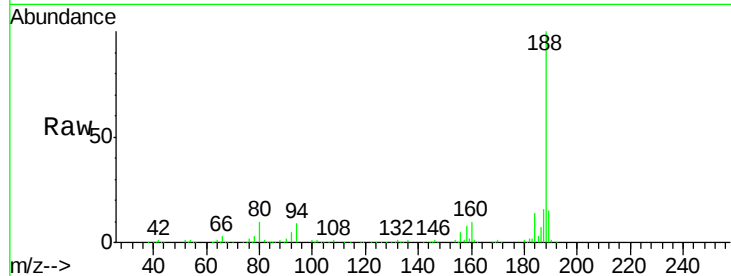




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

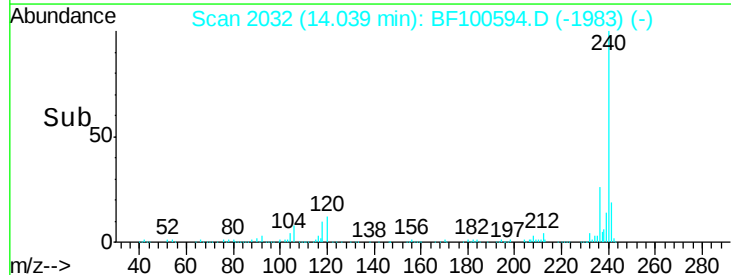
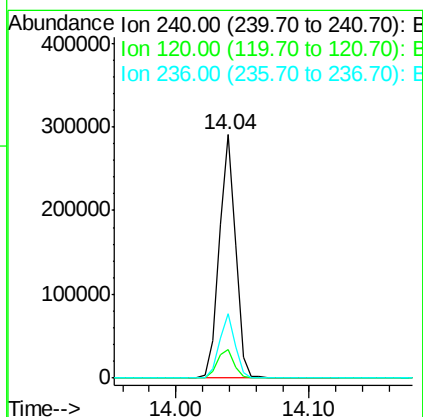
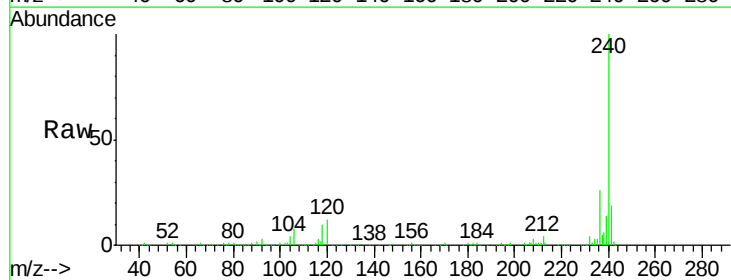
Instrument :
BNA_F
ClientSampleId :
SP-1

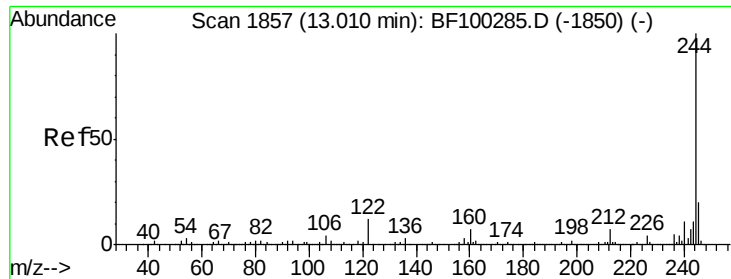
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	289803		
94	9.2		8.5	12.7
80	9.8		9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	252288		
120	11.5		9.5	14.3
236	26.5		20.7	31.1





#78

Terphenyl-d14

Concen: 55.029 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

Instrument :

BNA_F

ClientSampleId :

SP-1

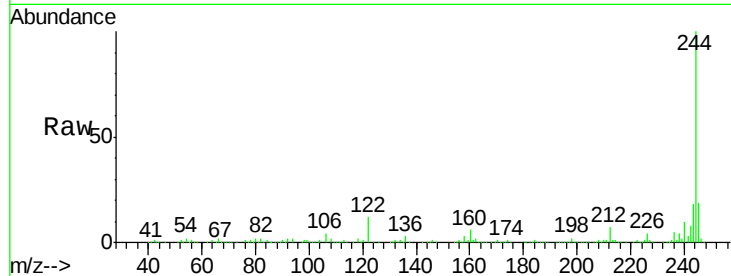
Tgt Ion:244 Resp: 604217

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

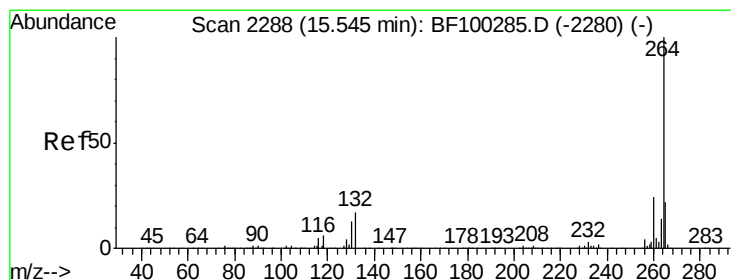
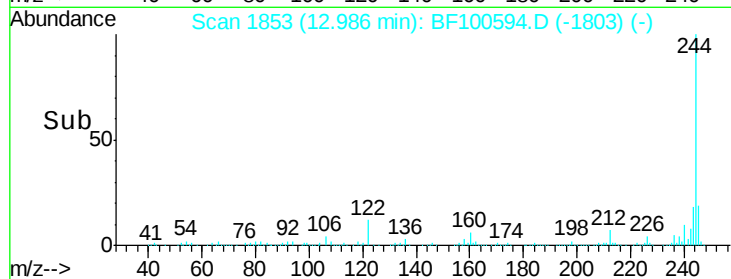
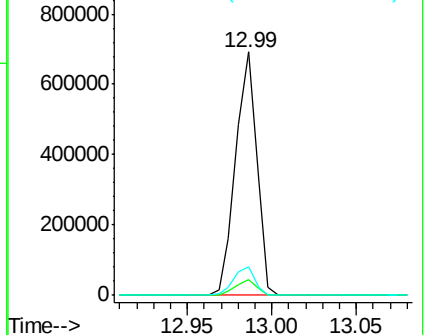
122 11.7 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100594.D

Acq: 15 Nov 2017 17:59

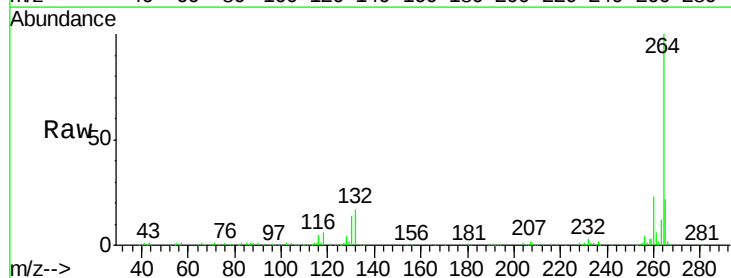
Tgt Ion:264 Resp: 246617

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 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

