

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100528.D
 Acq On : 14 Nov 2017 6:46
 Operator : SJ/JU
 Sample : I6441-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Quant Time: Nov 14 08:47:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

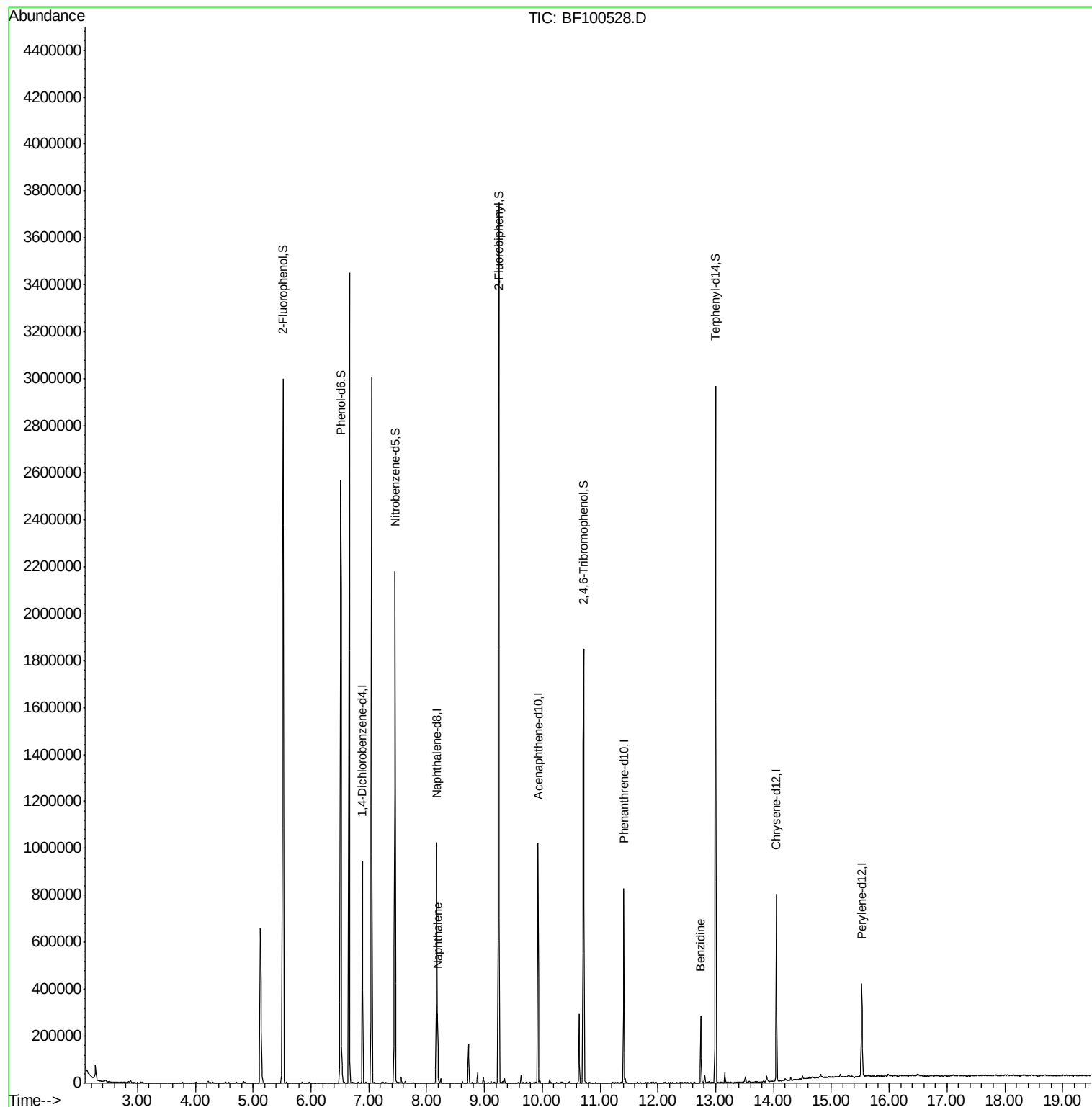
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131320	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	478466	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	185518	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	279667	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	262405	20.00	ng	-0.02
86) Perylene-d12	15.53	264	187359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	933128	113.90	ng	0.00
7) Phenol-d6	6.52	99	994503	98.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	781378	107.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	228605	120.93	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1314140	107.86	ng	-0.01
78) Terphenyl-d14	13.00	244	985178	86.27	ng	-0.01
Target Compounds						
31) Naphthalene	8.19	128	111585	4.842	ng	98
76) Benzidine	12.75	184	114181	10.865	ng	98

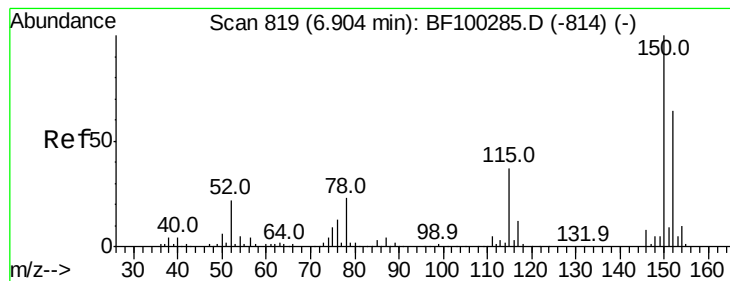
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

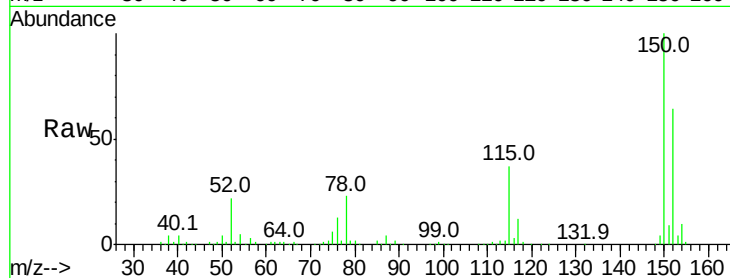
Tot Ion:152 Resp: 131320

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

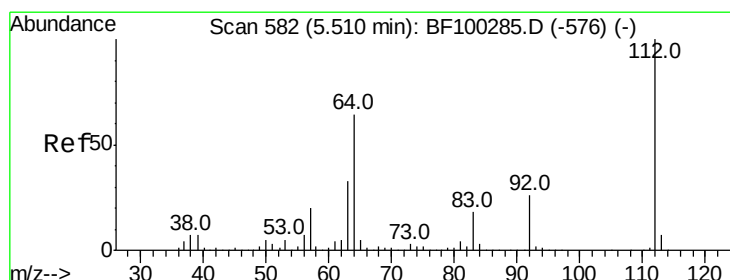
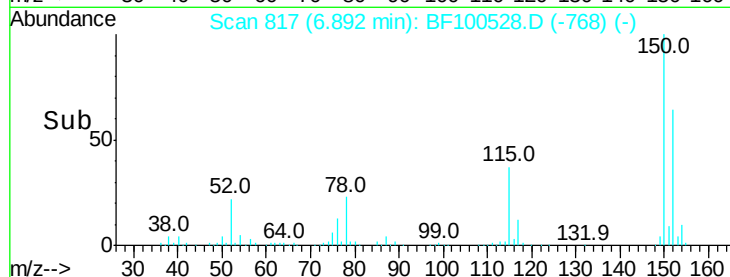
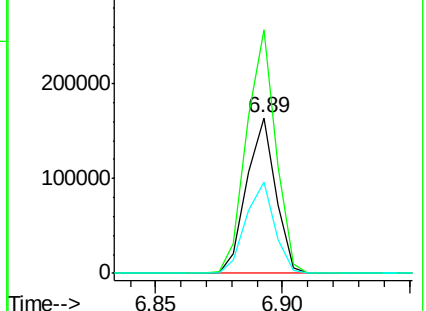
115 58.7 50.1 75.1



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: 113.904 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

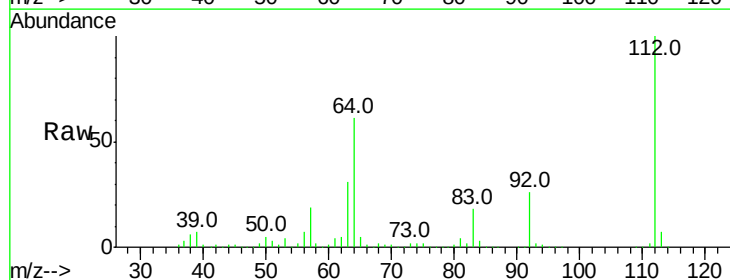
Tgt Ion:112 Resp: 933128

Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

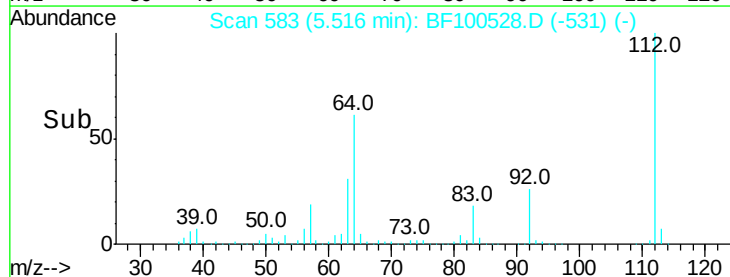
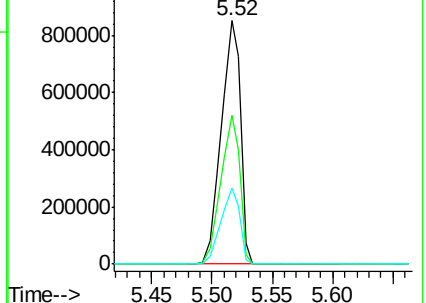
63 31.4 23.7 35.5

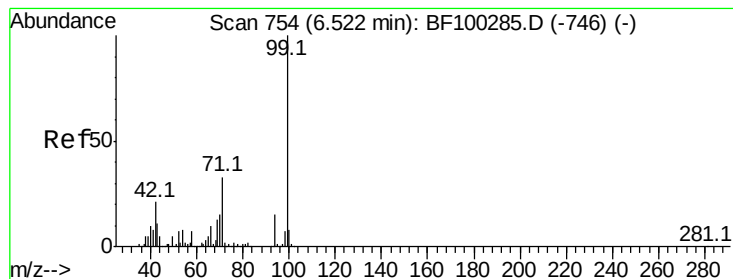


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.445 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

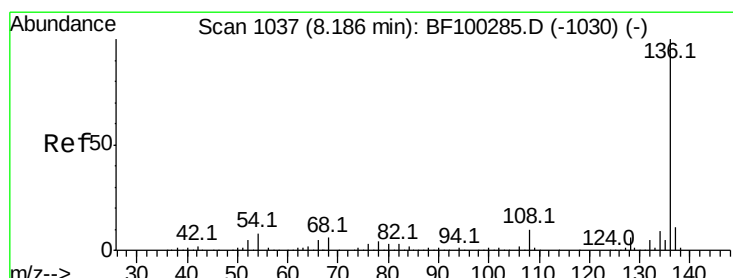
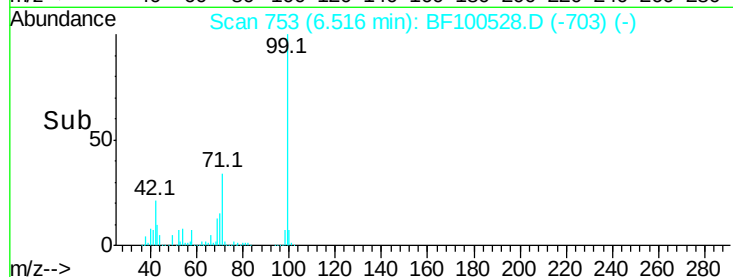
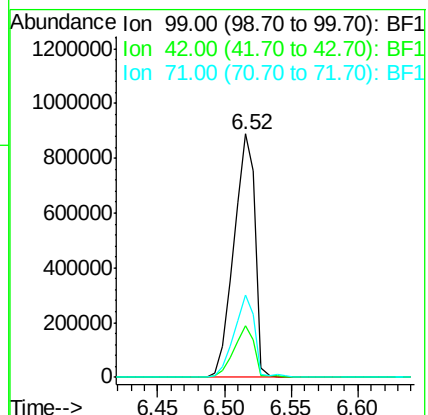
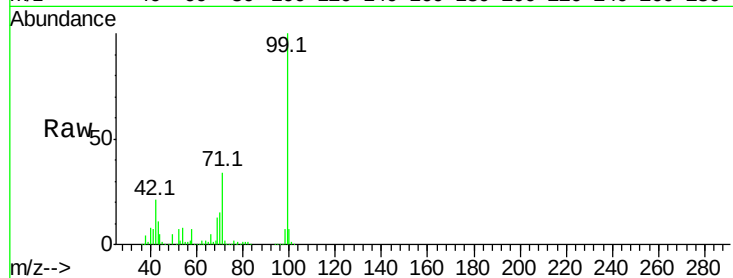
Tot Ion: 99 Resp: 994503

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

Tgt Ion: 136 Resp: 478466

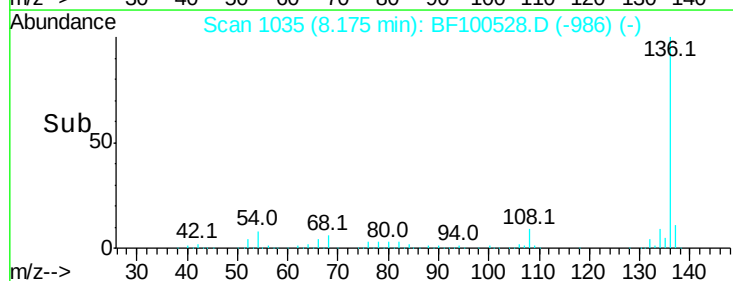
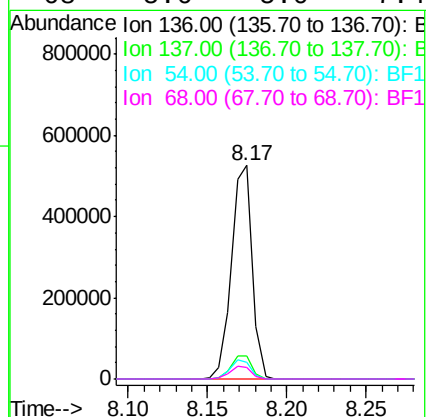
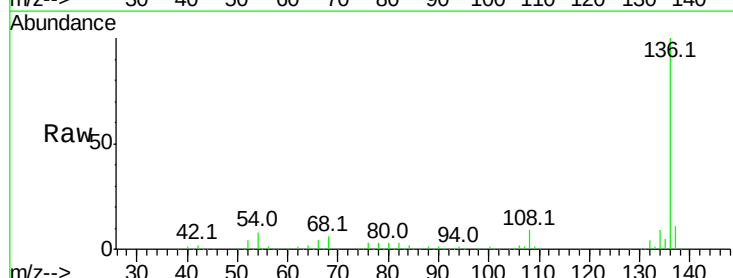
Ion Ratio Lower Upper

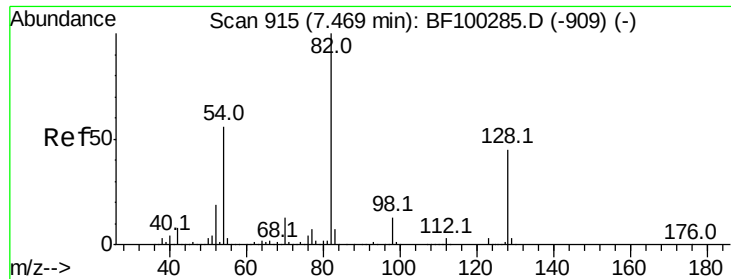
136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

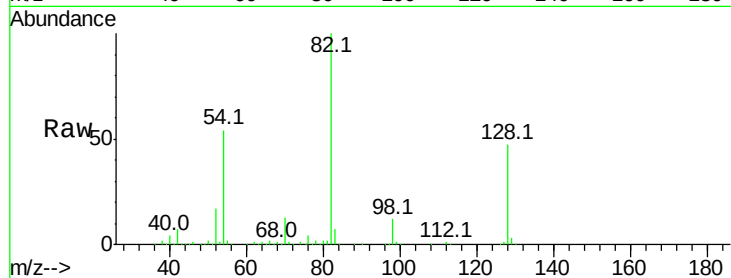




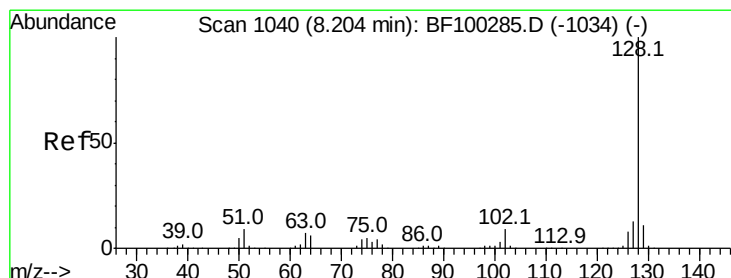
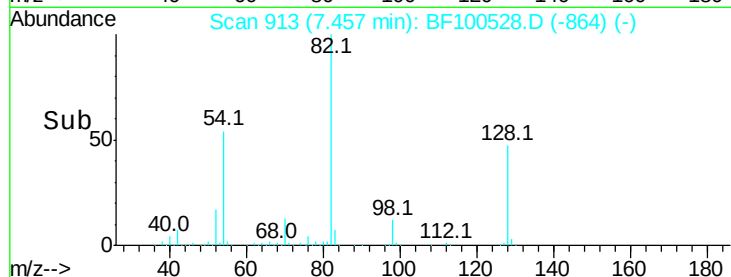
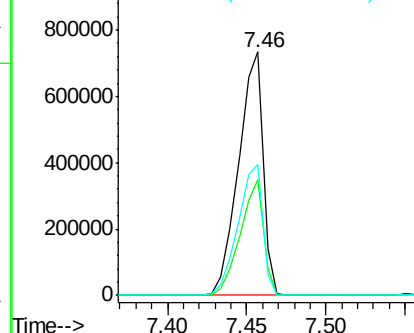
#23
Nitrobenzene-d5
Concen: 107.969 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion: 82 Resp: 781378
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 54.0 41.4 62.2

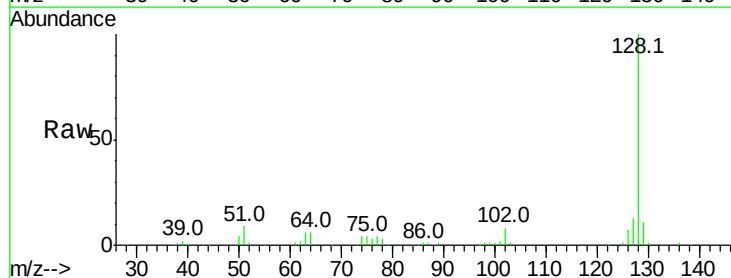


Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

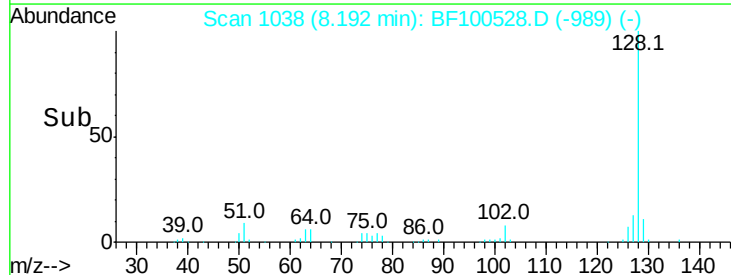
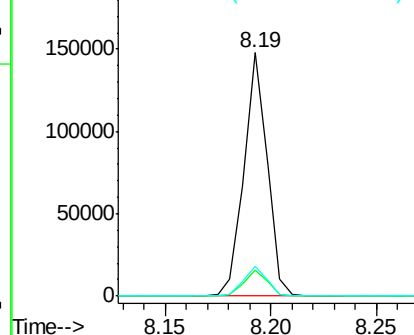


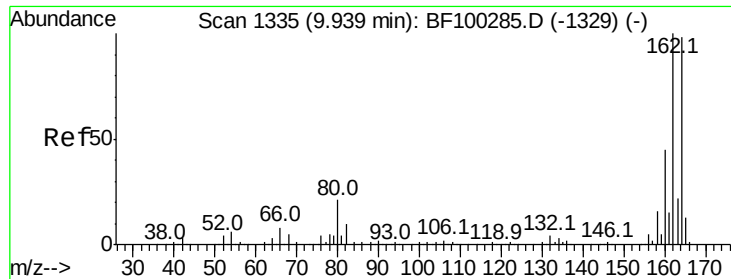
#31
Naphthalene
Concen: 4.842 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion: 128 Resp: 111585
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

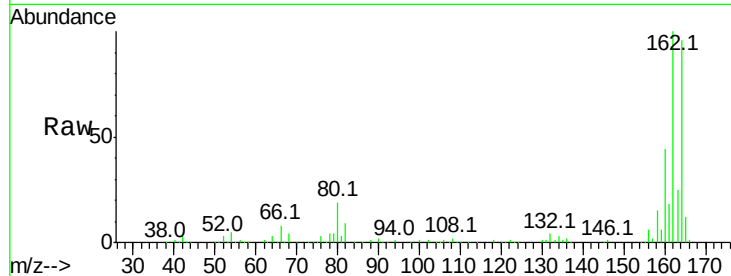




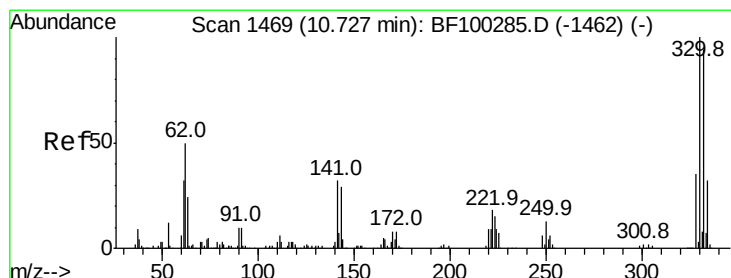
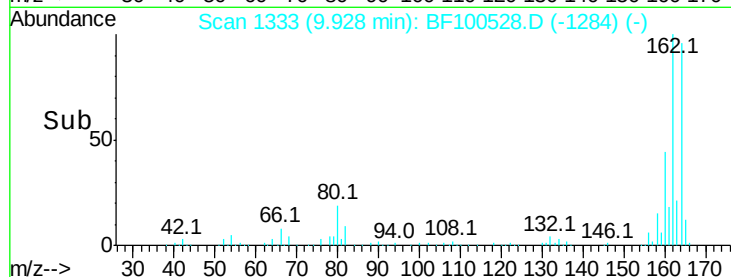
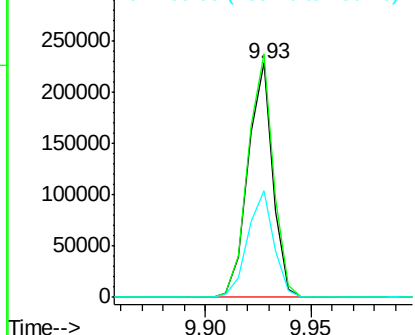
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF100528.D
 Acq: 14 Nov 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Tot Ion:164 Resp: 185518
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.7 38.3 57.5

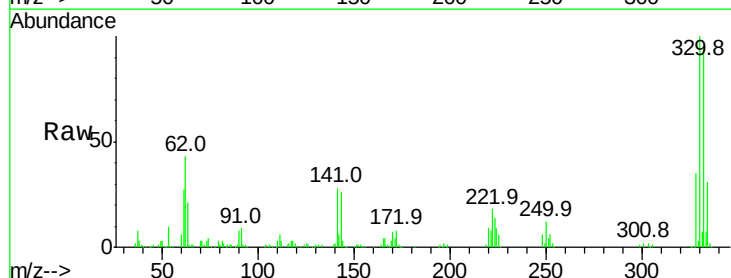


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

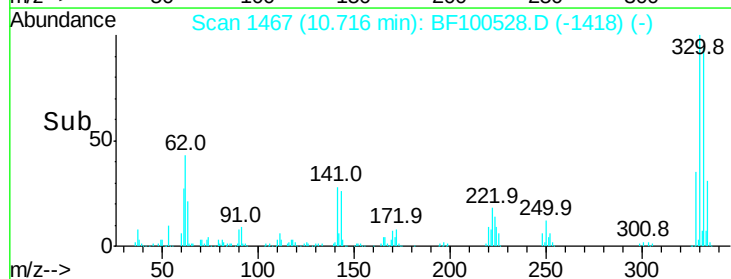
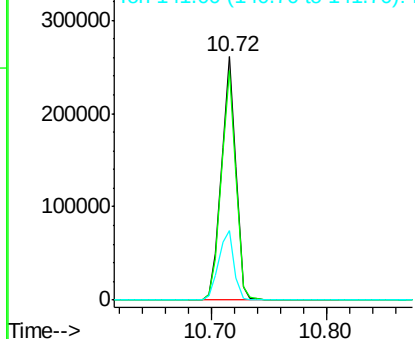


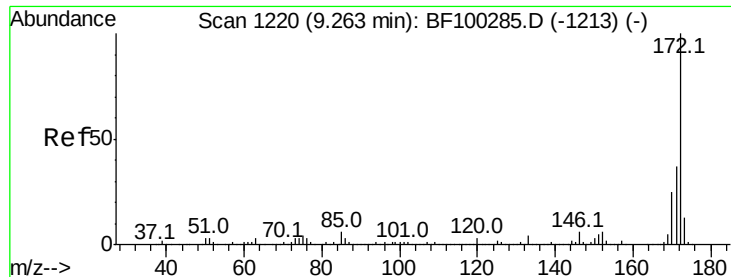
#41
 2,4,6-Tribromophenol
 Concen: 120.928 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100528.D
 Acq: 14 Nov 2017 6:46

Tgt Ion:330 Resp: 228605
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 30.1 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



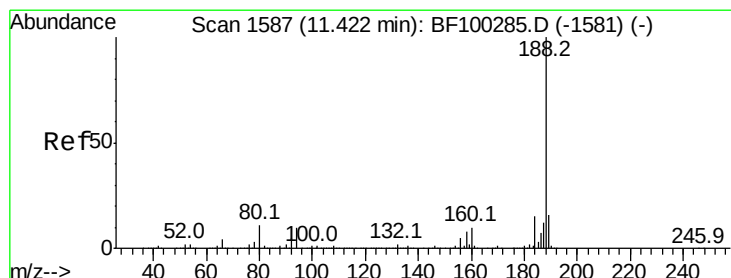
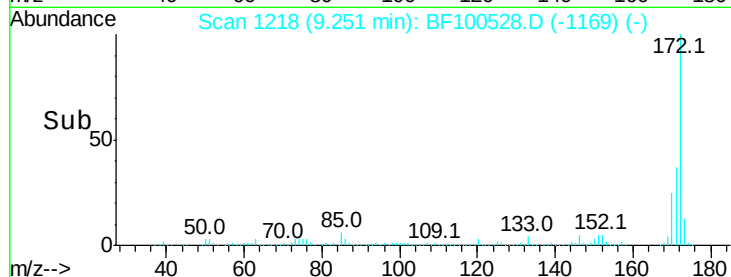
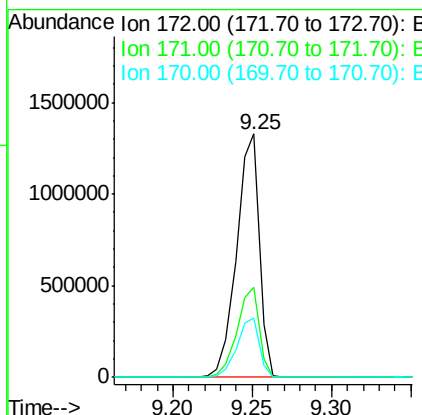
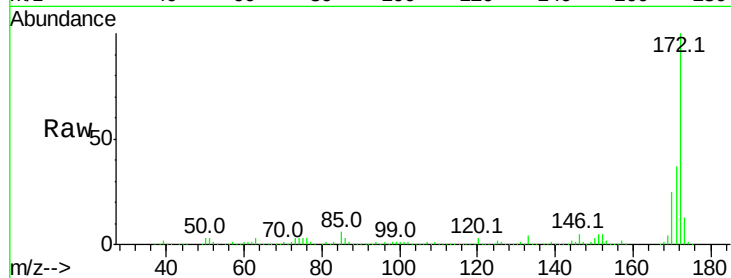


#44
 2-Fluorobiphenyl
 Concen: 107.863 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100528.D
 Acq: 14 Nov 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Tot Ion:172 Resp: 1314140

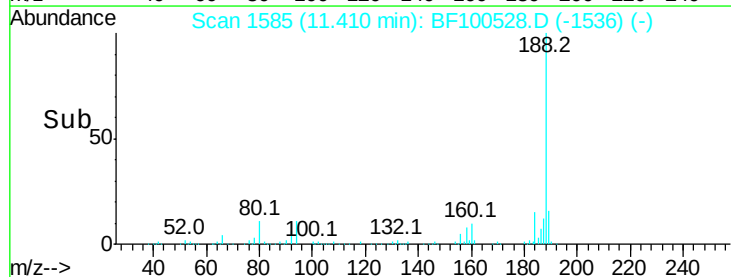
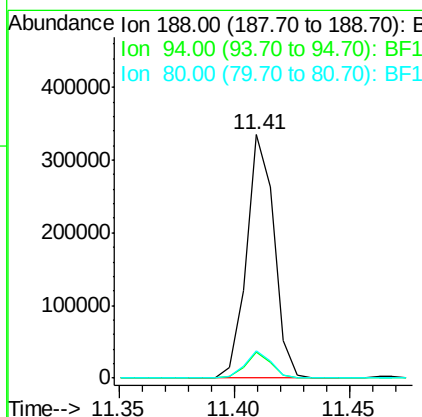
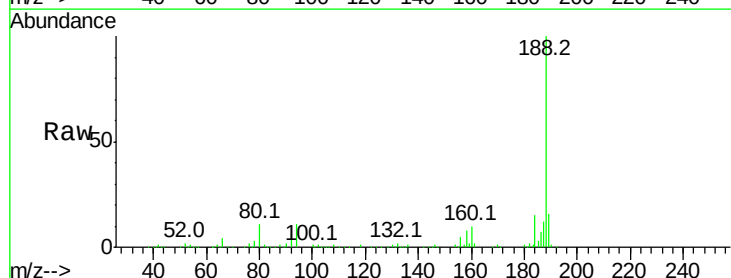
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

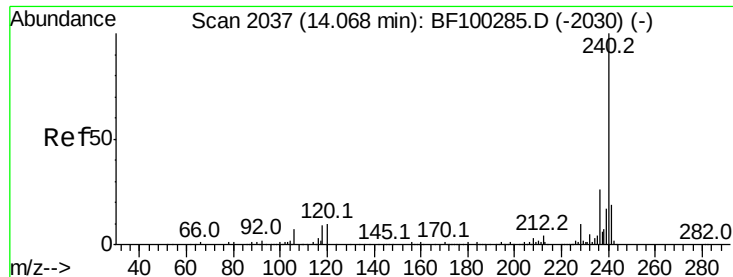


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF100528.D
 Acq: 14 Nov 2017 6:46

Tgt Ion:188 Resp: 279667

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

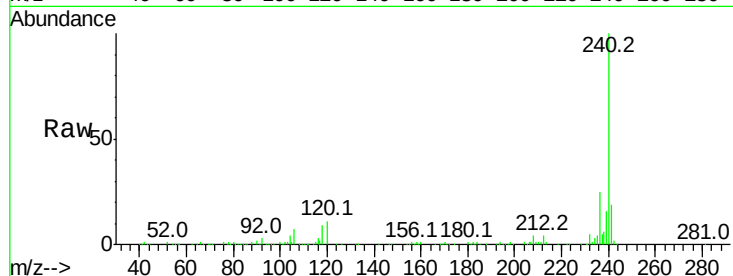
Tot Ion:240 Resp: 262405

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

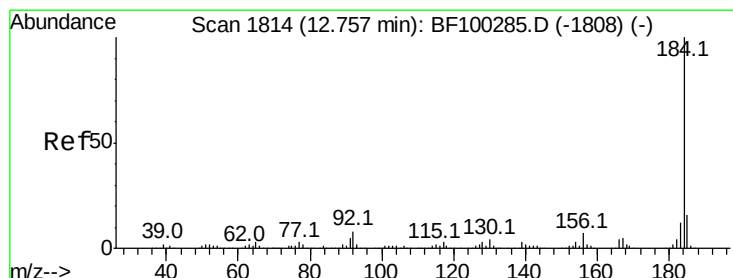
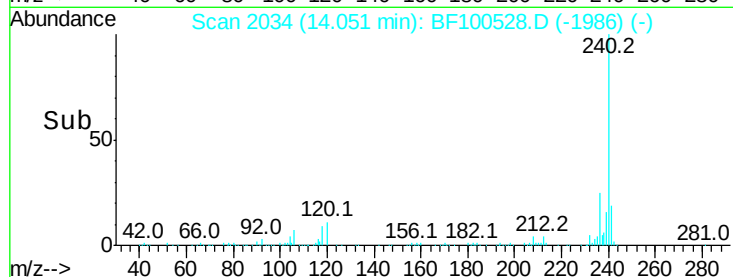
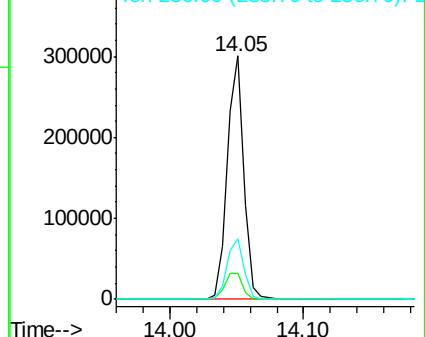
236 24.8 20.7 31.1



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



#76

Benzidine

Concen: 10.865 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

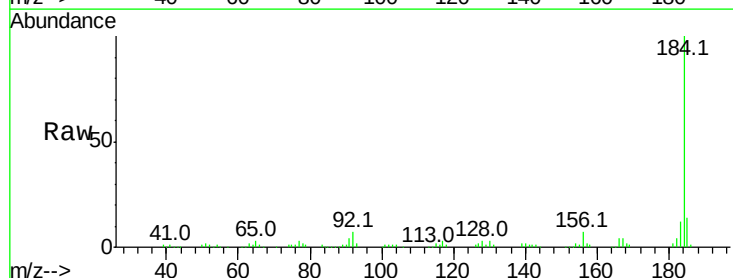
Tgt Ion:184 Resp: 114181

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

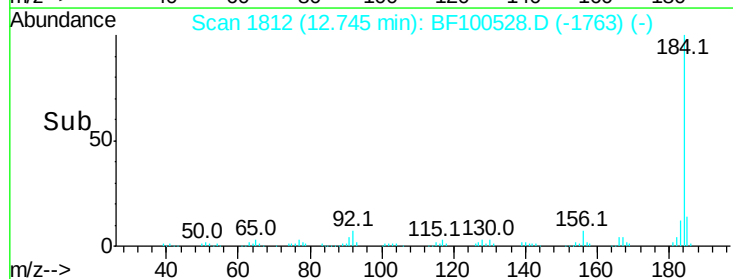
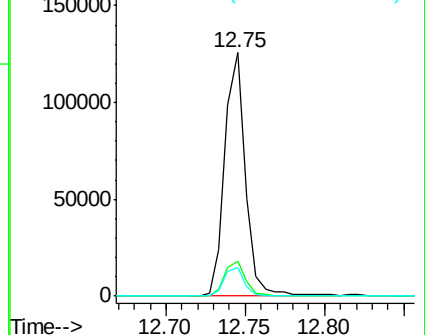
183 12.0 9.3 13.9

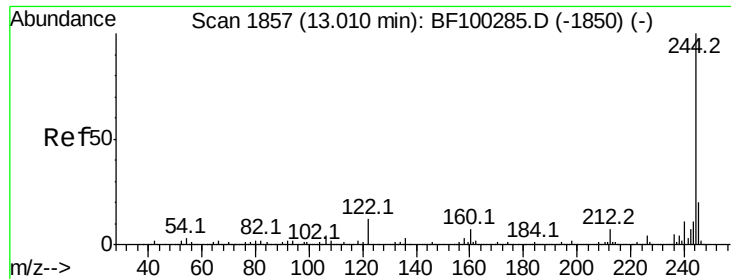


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.266 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

Instrument :

BNA_F

ClientSampleId :

TP-7A-7B

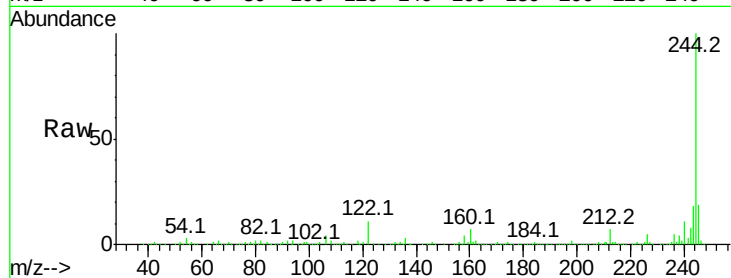
Tot Ion:244 Resp: 985178

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

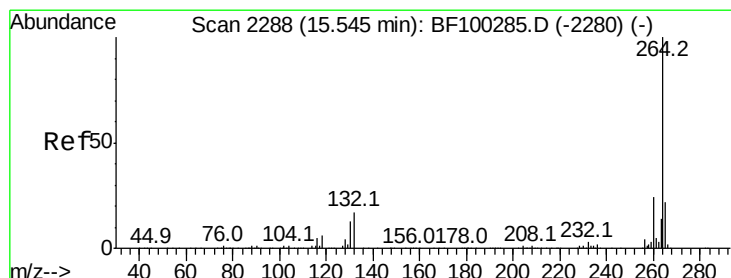
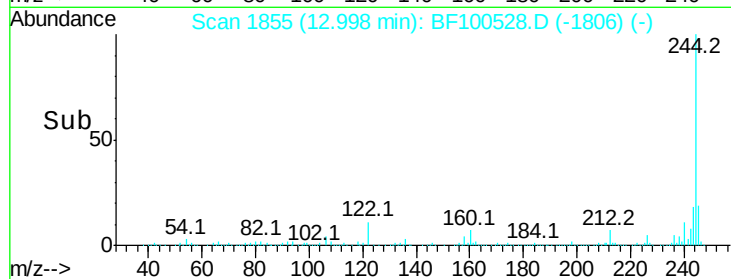
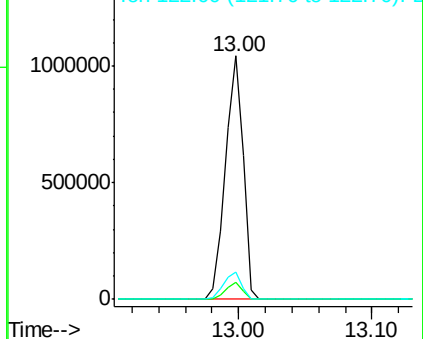
122 11.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BF100528.D

Acq: 14 Nov 2017 6:46

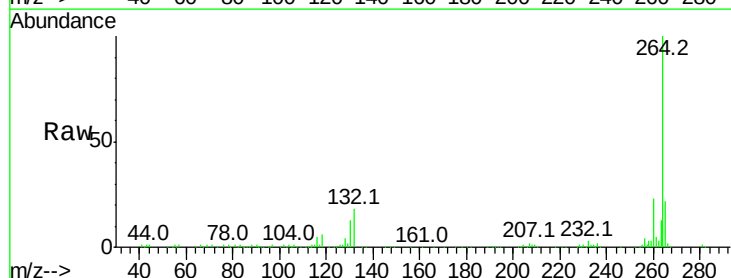
Tgt Ion:264 Resp: 187359

Ion Ratio Lower Upper

264 100

260 23.3 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

