

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100532.D
 Acq On : 14 Nov 2017 8:33
 Operator : SJ/JU
 Sample : I6307-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Quant Time: Nov 14 11:01:47 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

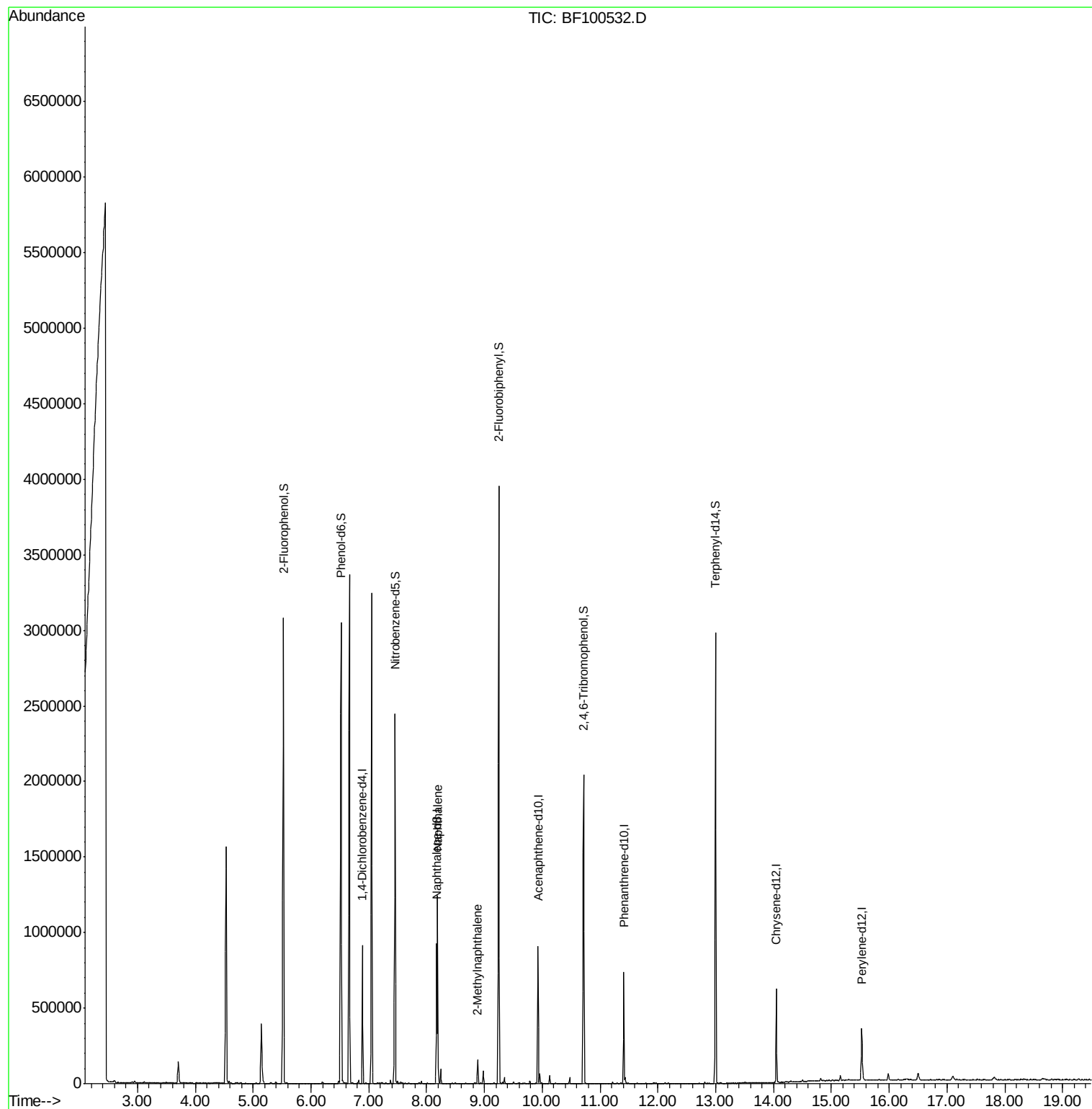
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120419	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	431406	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	166438	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	247192	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	218567	20.00	ng	-0.02
86) Perylene-d12	15.53	264	158813	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1024864	136.43	ng	0.01
7) Phenol-d6	6.52	99	1104799	119.26	ng	0.00
23) Nitrobenzene-d5	7.46	82	842360	129.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	257082	151.58	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1434498	131.24	ng	-0.01
78) Terphenyl-d14	13.00	244	1016300	106.84	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	493079	23.730	ng	99
37) 2-Methylnaphthalene	8.88	142	40252	2.918	ng	98

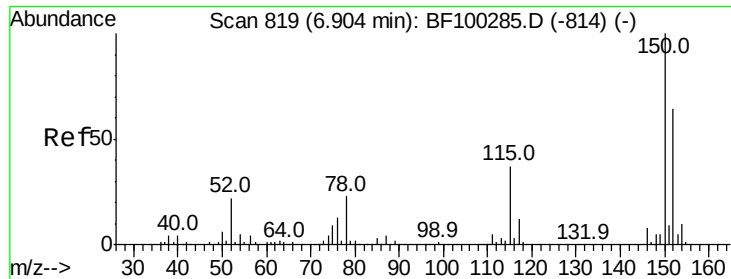
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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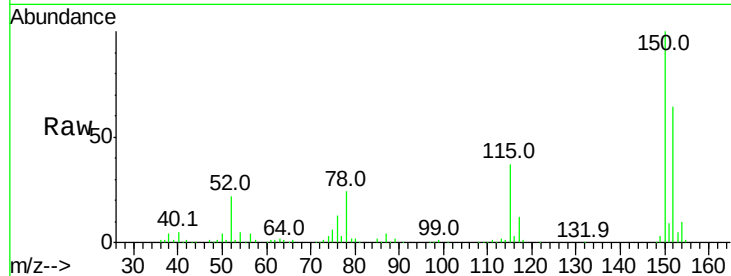


#1

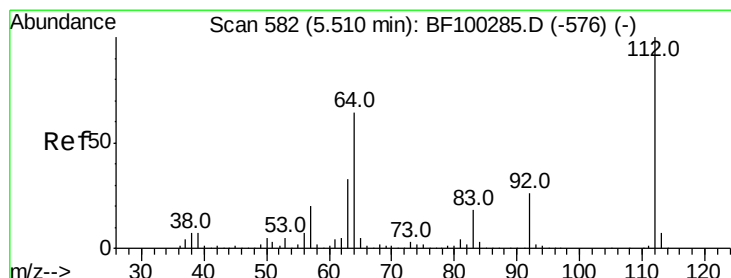
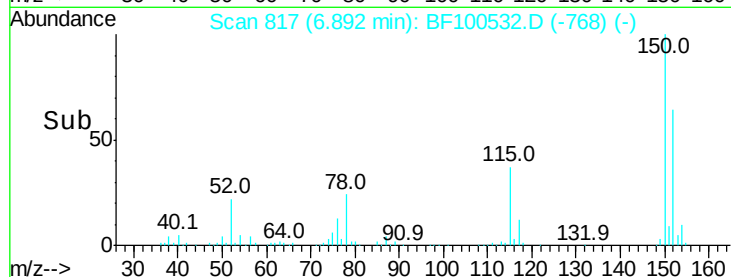
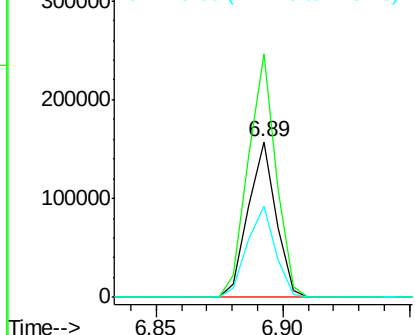
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion:152 Resp: 120419
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.6 50.1 75.1



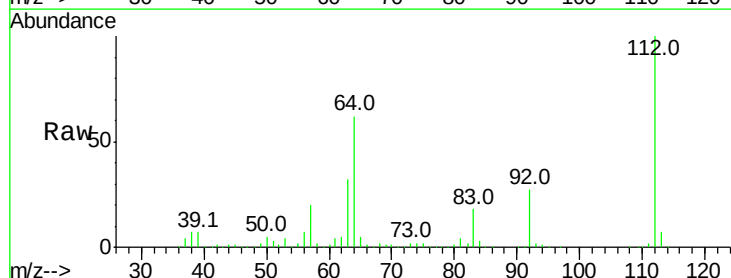
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



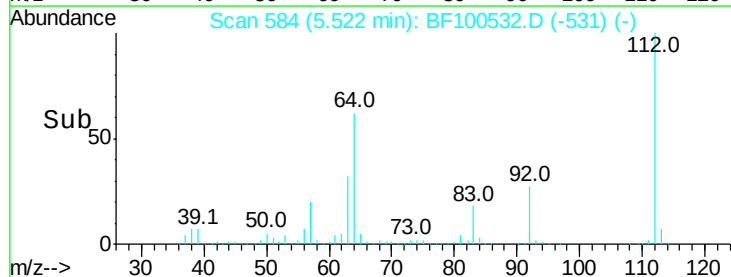
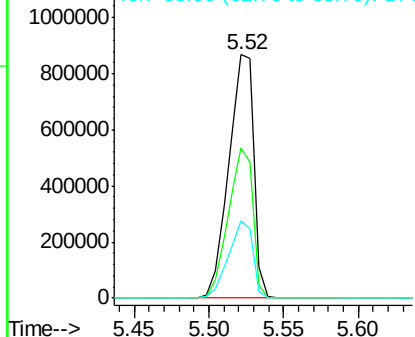
#5

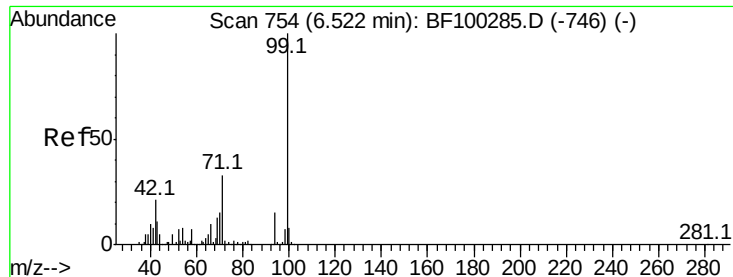
2-Fluorophenol
Concen: 136.427 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:112 Resp: 1024864
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.7 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: 119.264 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

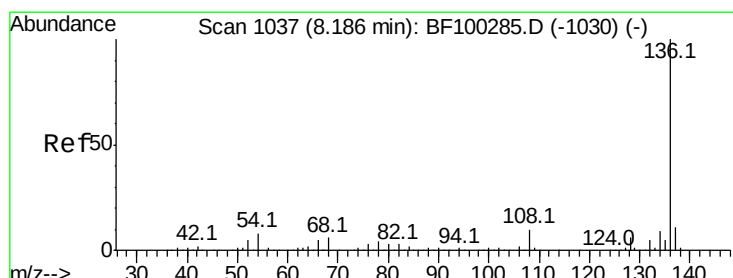
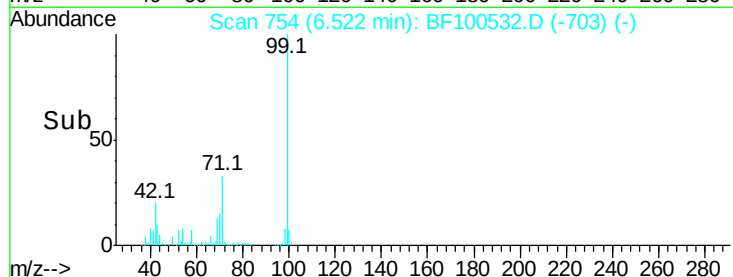
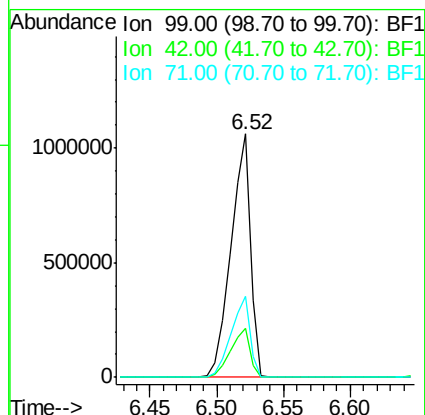
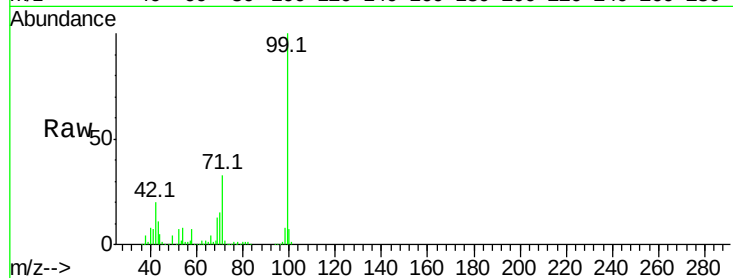
Tot Ion: 99 Resp: 1104799

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.4 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: BF100532.D

Acq: 14 Nov 2017 8:33

Tgt Ion: 136 Resp: 431406

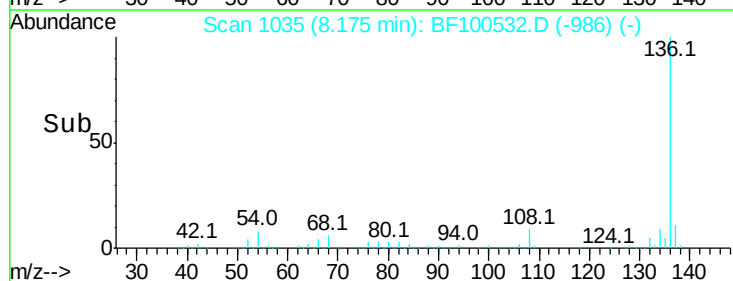
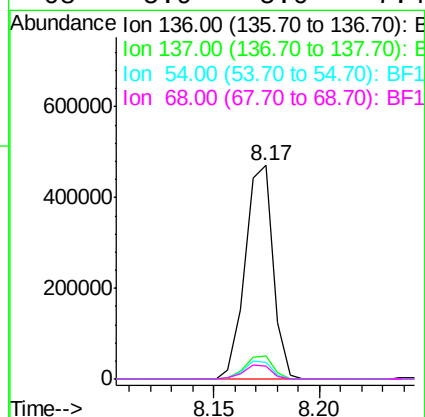
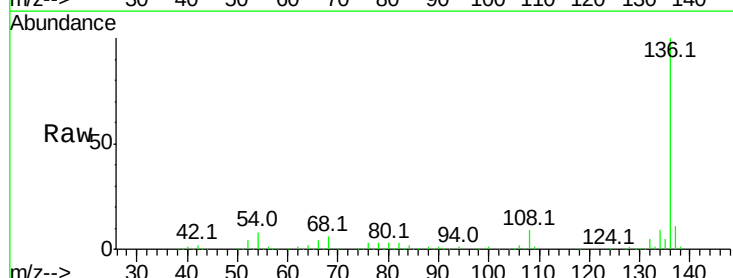
Ion Ratio Lower Upper

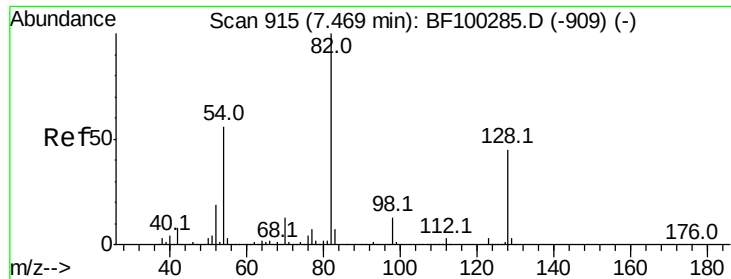
136 100

137 10.5 8.9 13.3

54 7.9 6.6 9.8

68 5.9 5.0 7.4

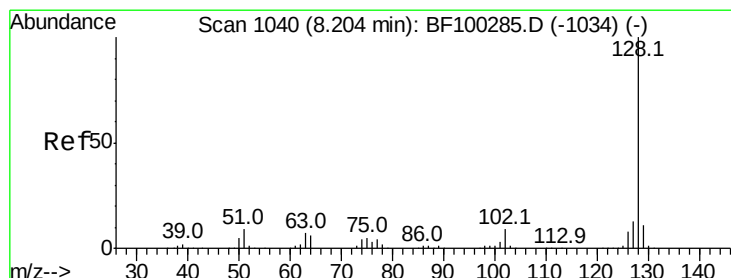
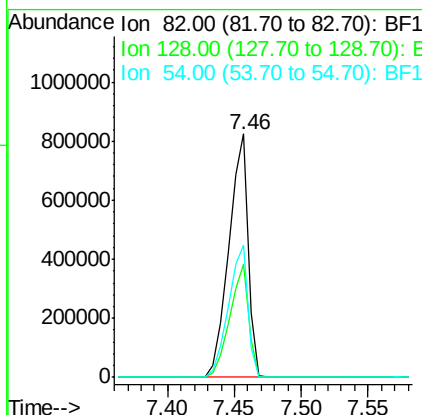
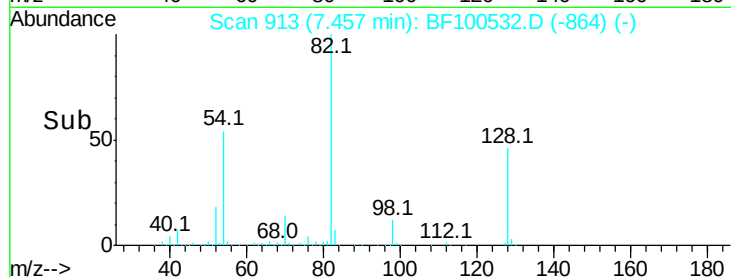
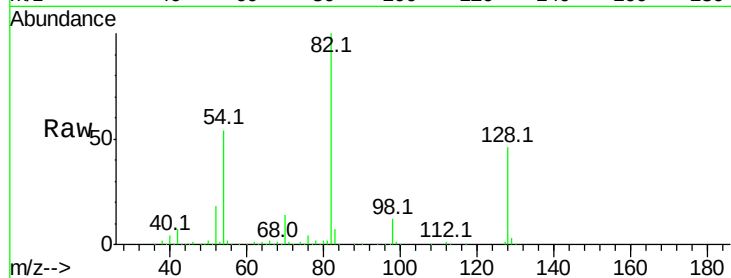




#23
Nitrobenzene-d5
Concen: 129.092 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

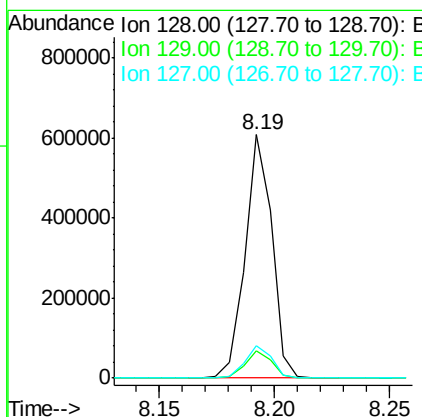
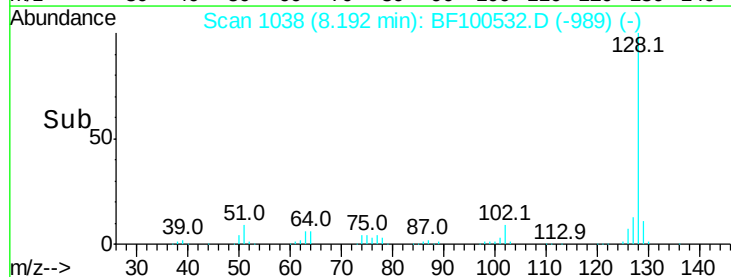
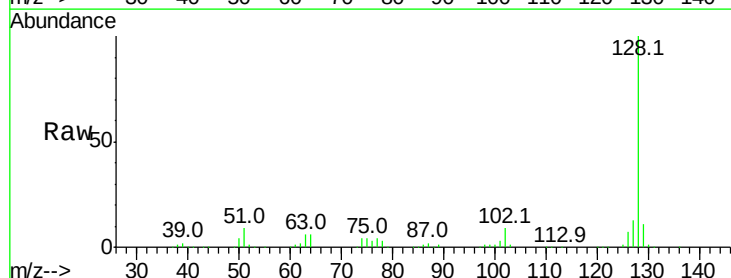
Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

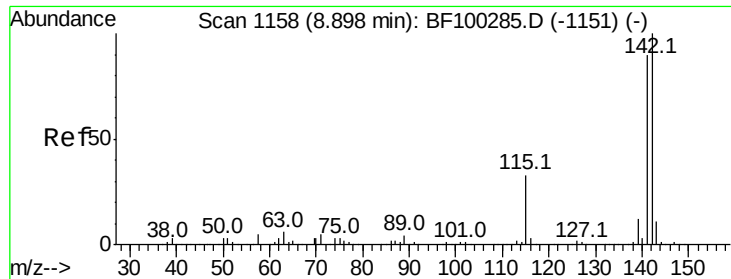
Tot Ion: 82 Resp: 842360
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 54.2 41.4 62.2



#31
Naphthalene
Concen: 23.730 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion: 128 Resp: 493079
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.9 16.3

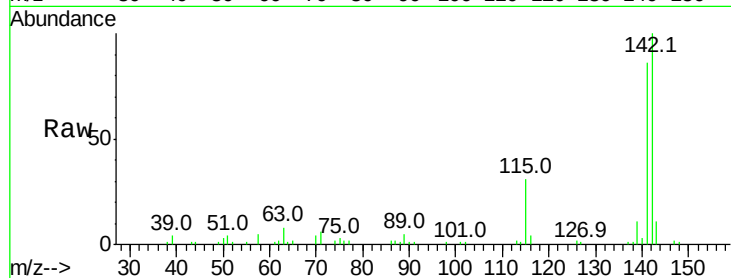




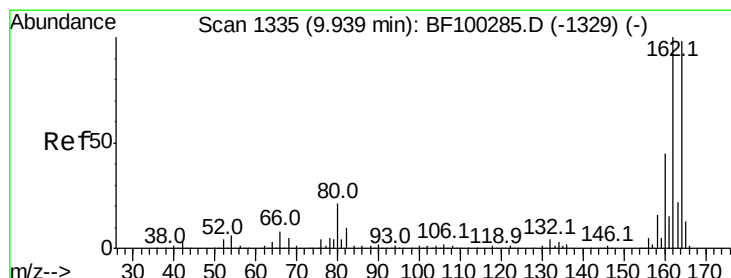
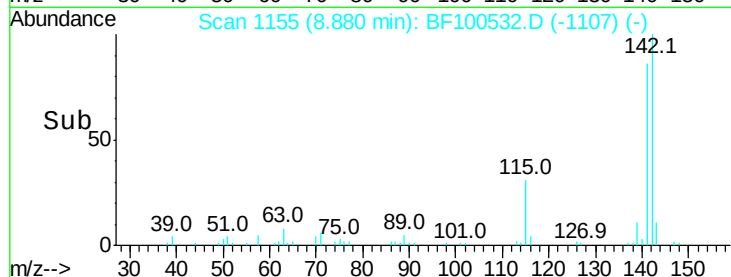
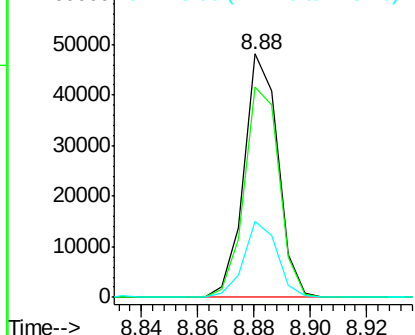
#37
2-Methylnaphthalene
Concen: 2.918 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion:142 Resp: 40252
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2
115 31.1 26.1 39.1

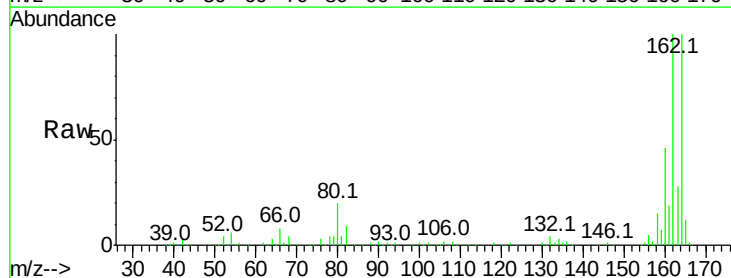


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

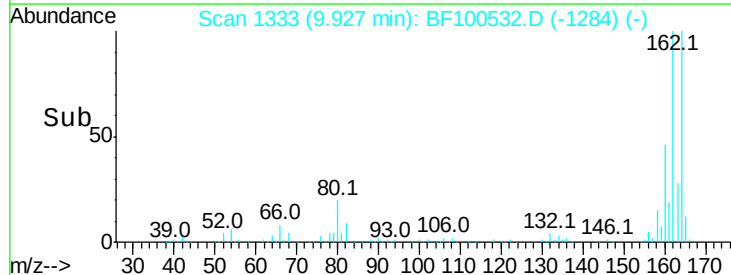
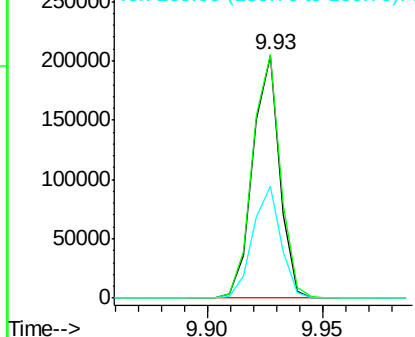


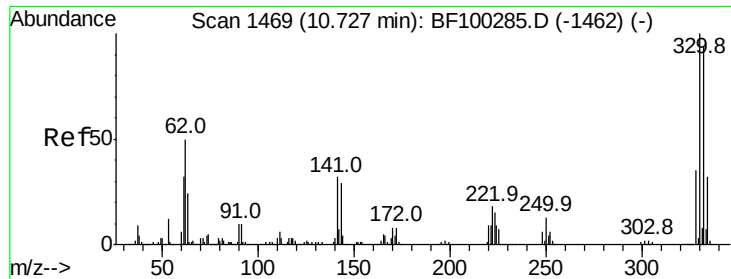
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100532.D
Acq: 14 Nov 2017 8:33

Tgt Ion:164 Resp: 166438
Ion Ratio Lower Upper
164 100
162 100.3 86.1 129.1
160 46.0 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

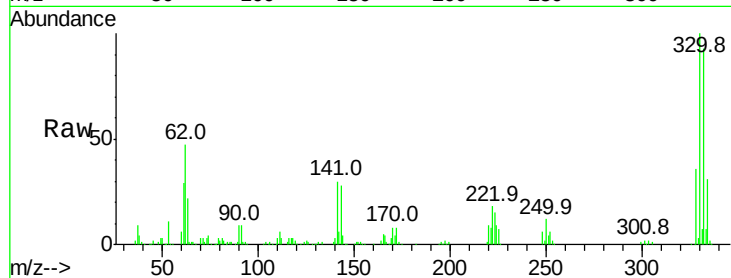




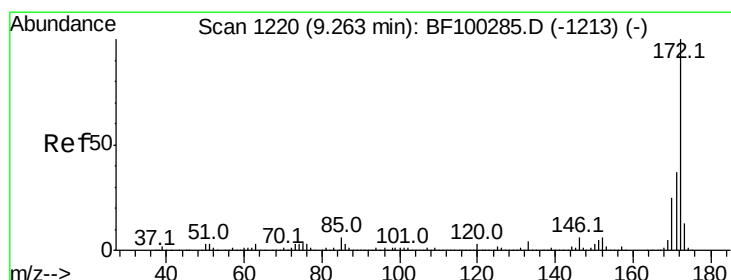
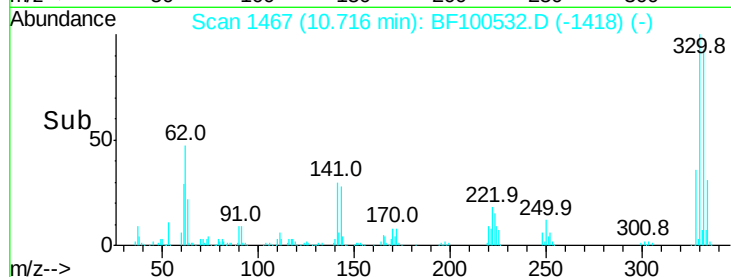
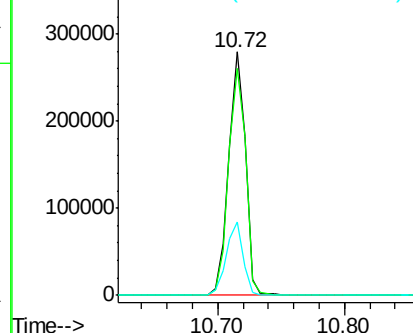
#41
 2,4,6-Tribromophenol
 Concen: 151.581 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.2	29.9	44.9

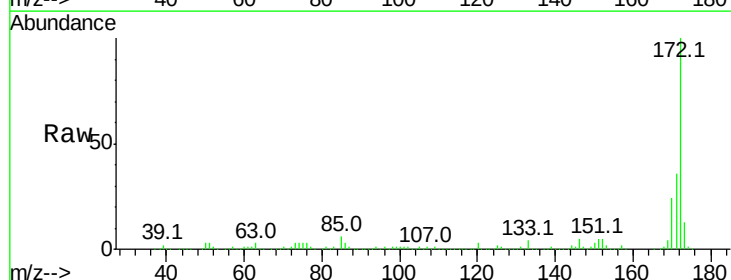


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

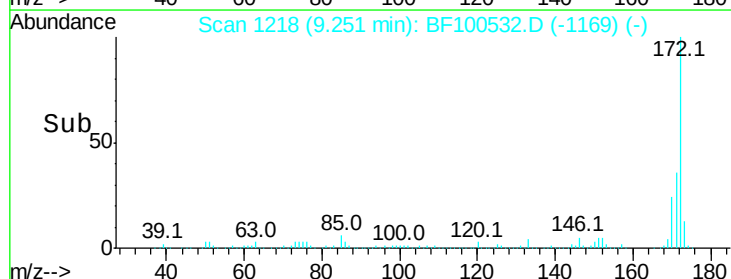
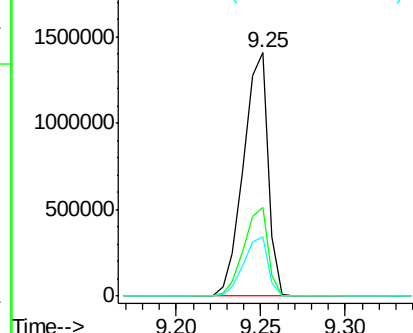


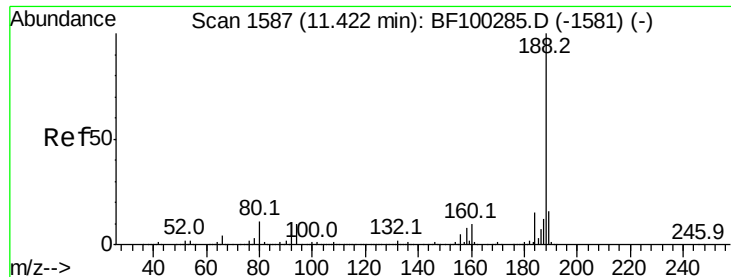
#44
 2-Fluorobiphenyl
 Concen: 131.240 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100532.D
 Acq: 14 Nov 2017 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

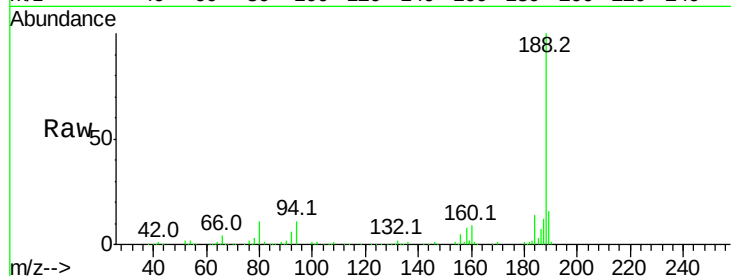
Tot Ion:188 Resp: 247192

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

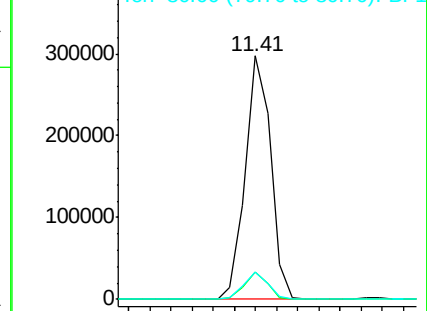
80 11.2 9.2 13.8



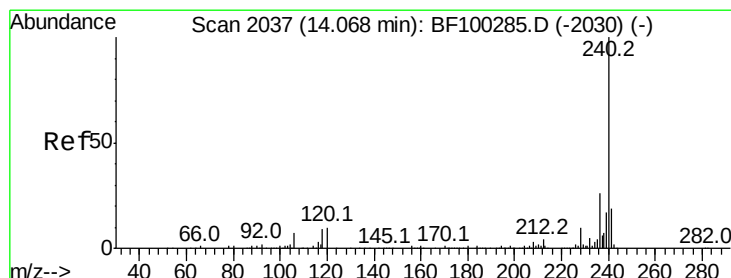
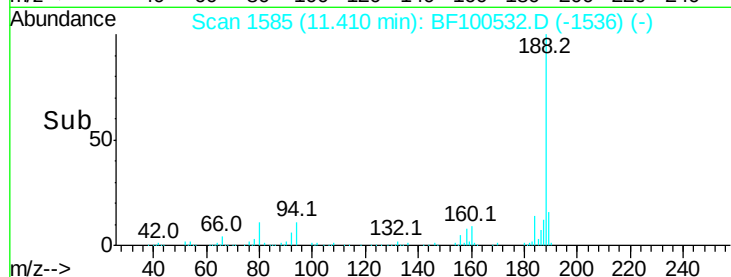
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

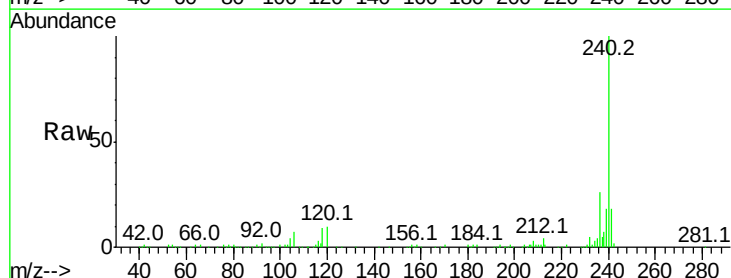
Tgt Ion:240 Resp: 218567

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

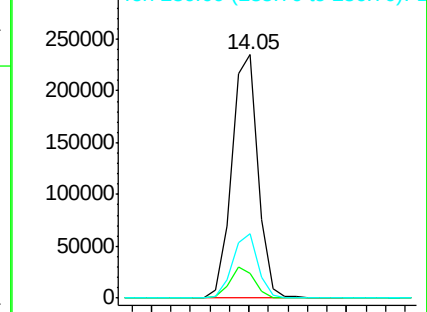
236 26.2 20.7 31.1



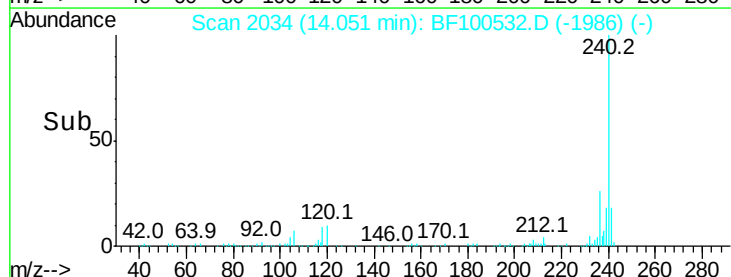
Abundance Ion 240.00 (239.70 to 240.70): E

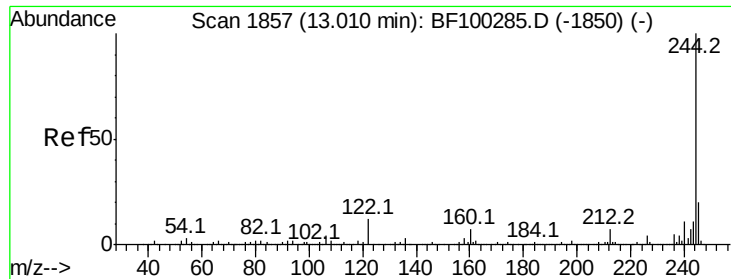
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.05 14.10





#78

Terphenyl-d14

Concen: 106.840 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

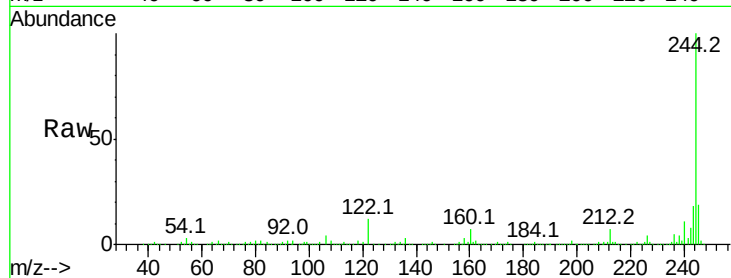
Tot Ion:244 Resp: 1016300

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

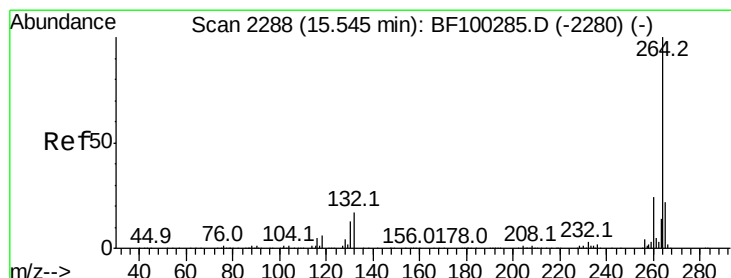
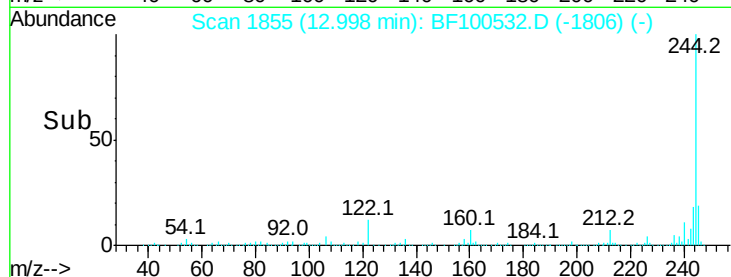
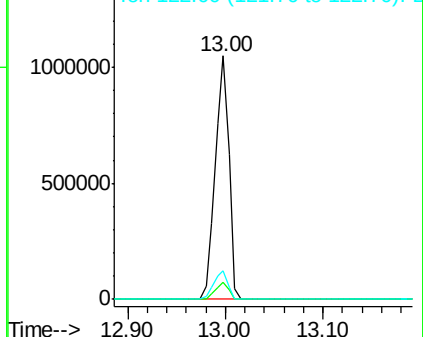
122 11.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BF100532.D

Acq: 14 Nov 2017 8:33

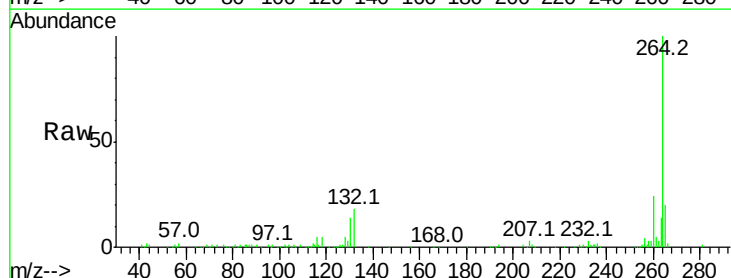
Tgt Ion:264 Resp: 158813

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 19.8 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

