

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083154.D
 Acq On : 22 Nov 2015 12:51
 Operator : UM/IZ
 Sample : G4504-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Nov 23 04:05:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

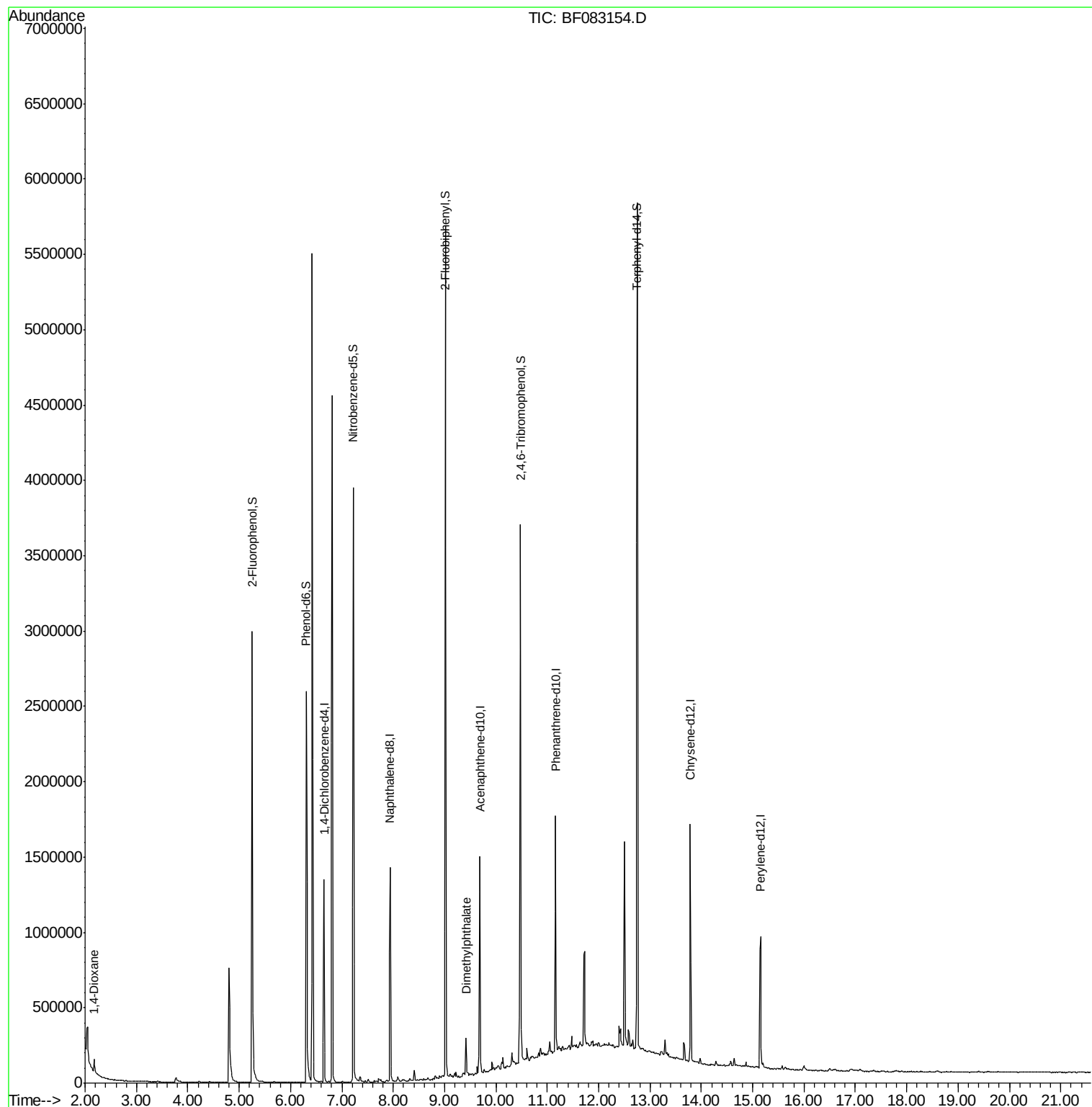
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	205584	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	791480	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	403240	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	713417	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	602855	20.00	ng	-0.02
86) Perylene-d12	15.15	264	485451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1198207	88.12	ng	-0.02
7) Phenol-d6	6.31	99	1084545	61.64	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1451568	83.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	565067	136.97	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2366161	81.82	ng	-0.01
78) Terphenyl-d14	12.75	244	2104628	82.21	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.17	88	46098	6.84	ng	Qvalue # 89
49) Dimethylphthalate	9.42	163	96506	3.11	ng	100

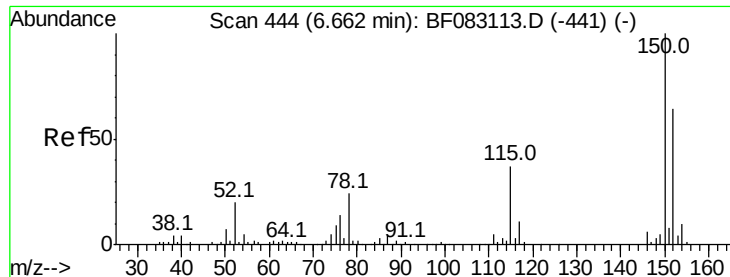
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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MW-02

Quant Time: Nov 23 04:05:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



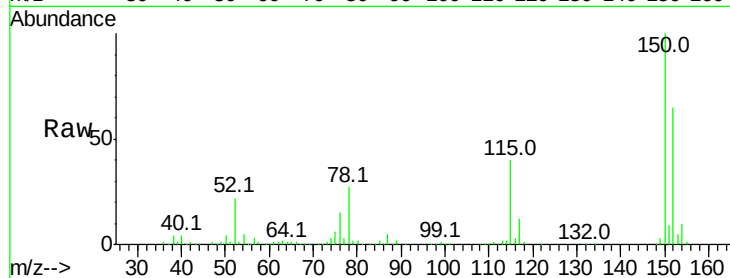


#1

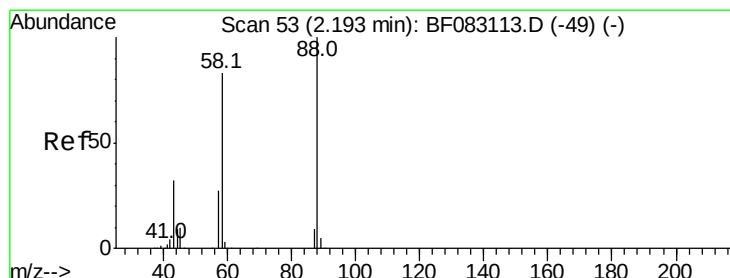
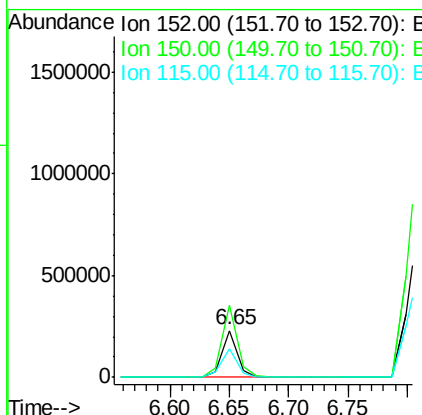
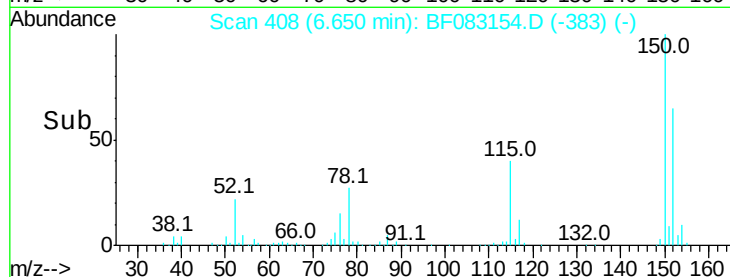
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:152 Resp: 205584
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.8
115 61.4 46.9 70.3



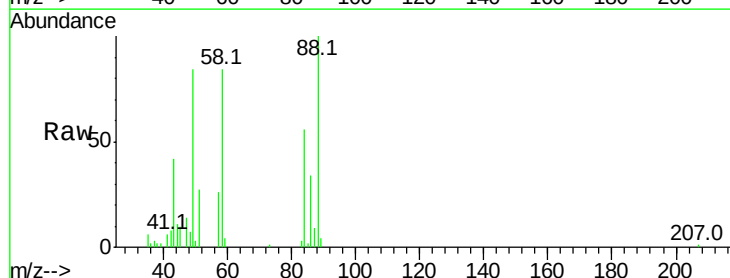
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



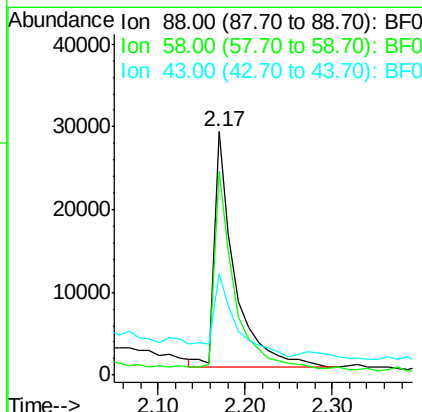
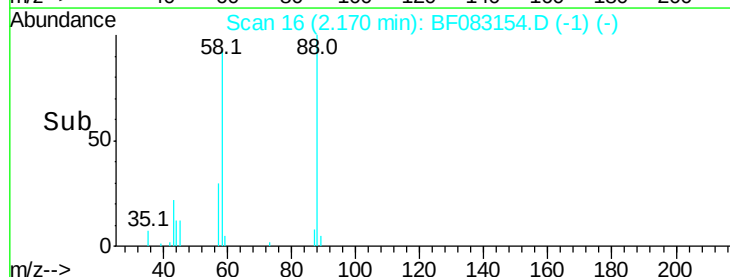
#2

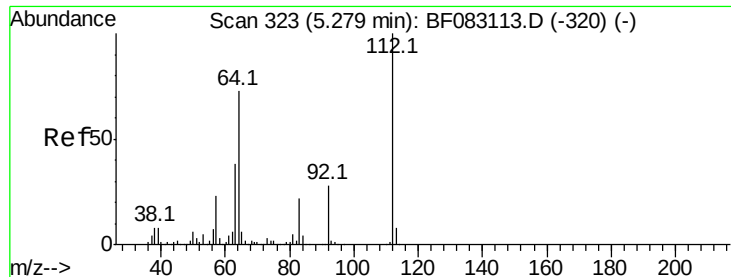
1,4-Dioxane
Concen: 6.84 ng
RT: 2.17 min Scan# 16
Delta R.T. -0.02 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Tgt Ion: 88 Resp: 46098
Ion Ratio Lower Upper
88 100
58 88.5 65.0 97.6
43 40.7 24.7 37.1#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 88.12 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampleId :

MW-02

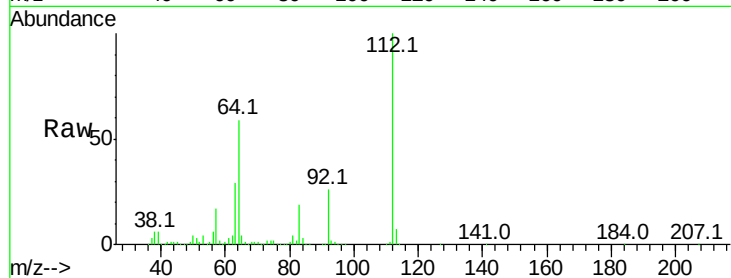
Tot Ion:112 Resp: 1198207

Ion Ratio Lower Upper

112 100

64 58.7 58.4 87.6

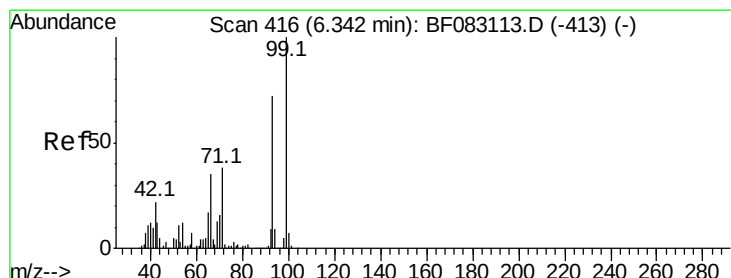
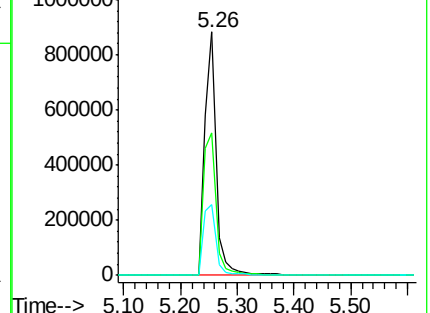
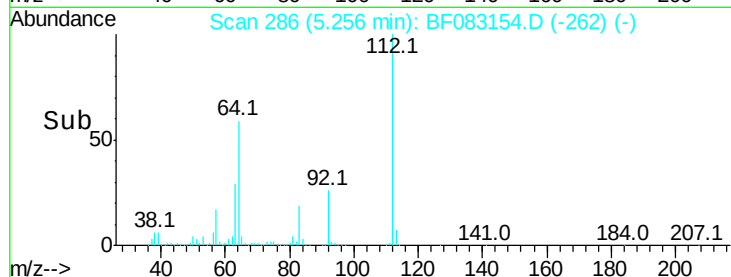
63 29.1 30.0 45.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 61.64 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

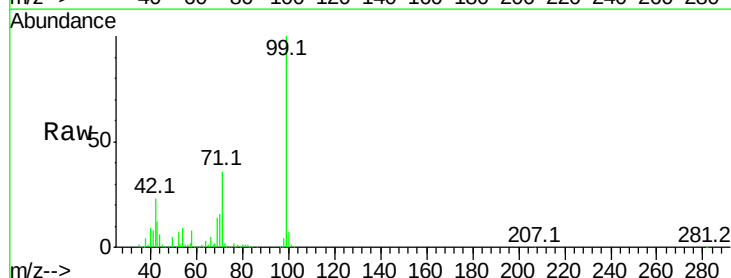
Tgt Ion: 99 Resp: 1084545

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

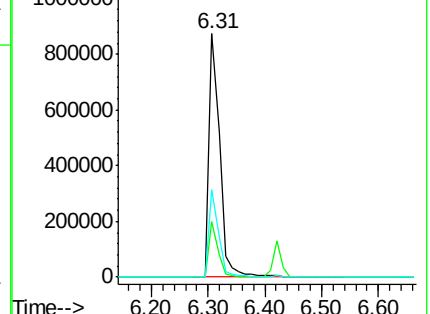
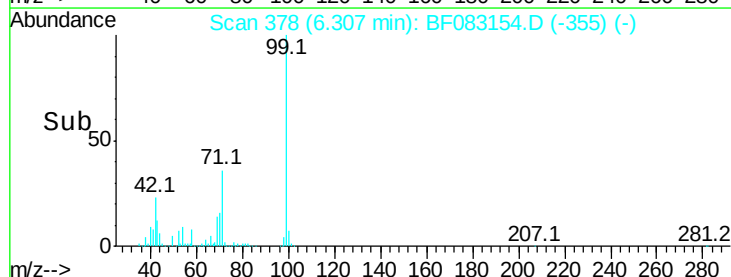
71 35.9 30.2 45.4

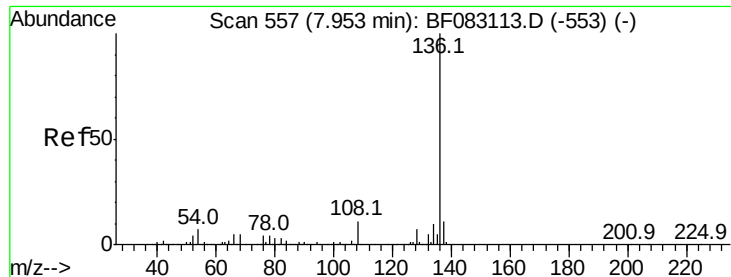


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampled :

MW-02

Tot Ion:136 Resp: 791480

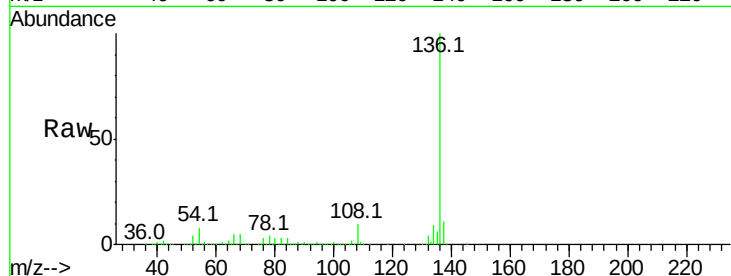
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.5 5.8 8.6

68 5.3 3.8 5.8

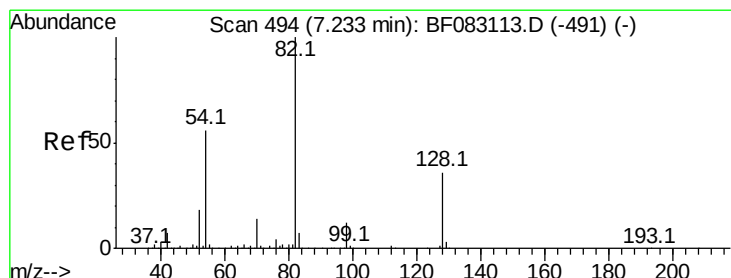
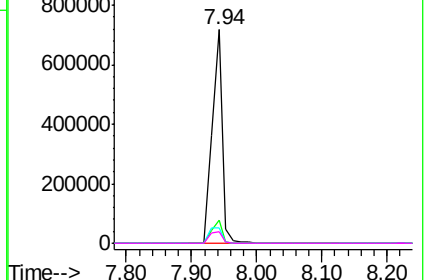
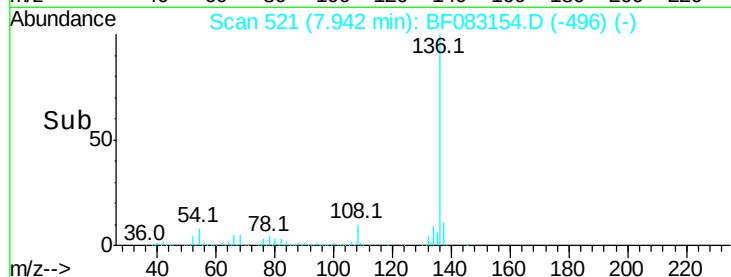


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.80 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

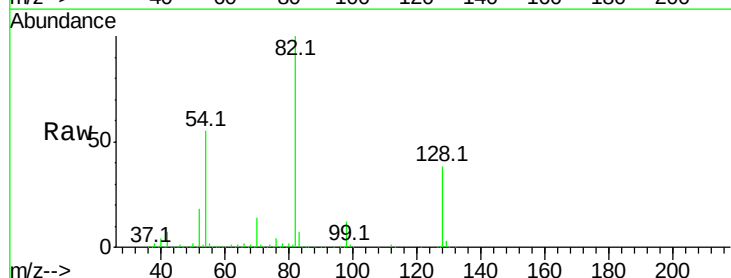
Tgt Ion: 82 Resp: 1451568

Ion Ratio Lower Upper

82 100

128 37.5 28.5 42.7

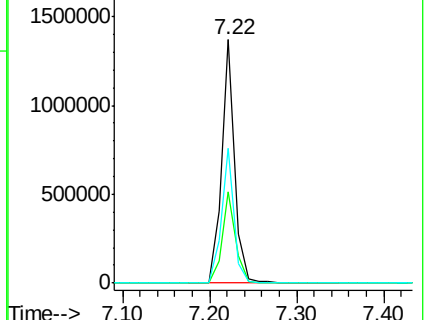
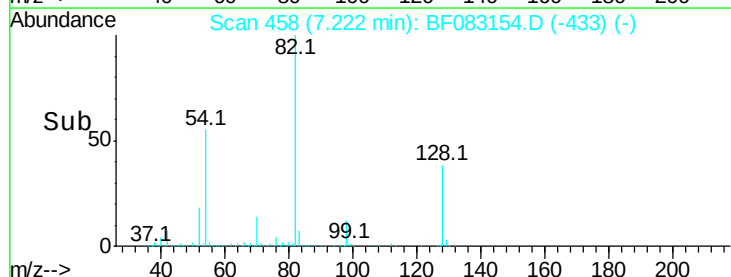
54 55.2 44.6 67.0

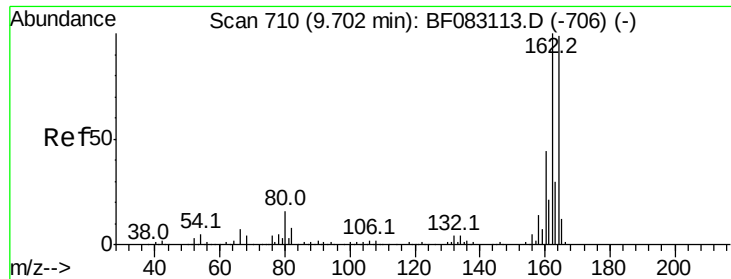


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

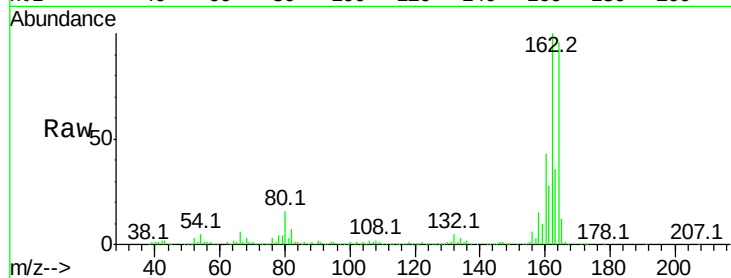




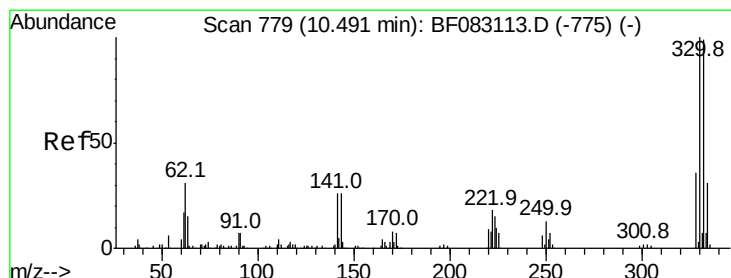
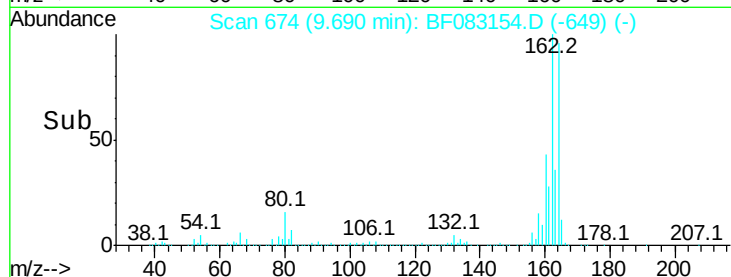
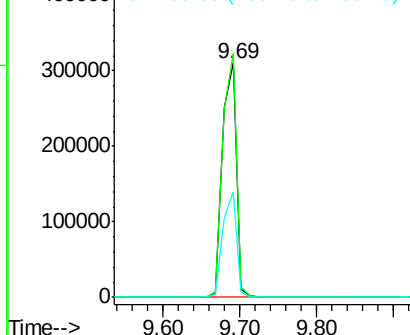
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:164 Resp: 403240
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.2 121.8
 160 45.0 35.6 53.4

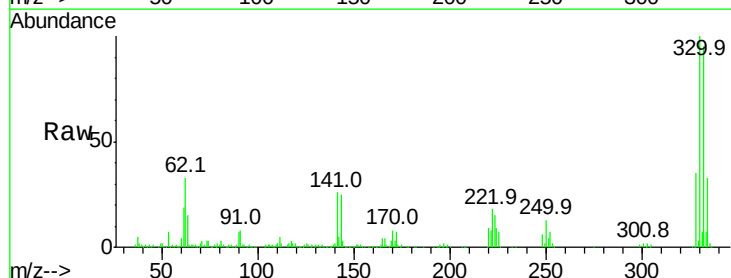


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

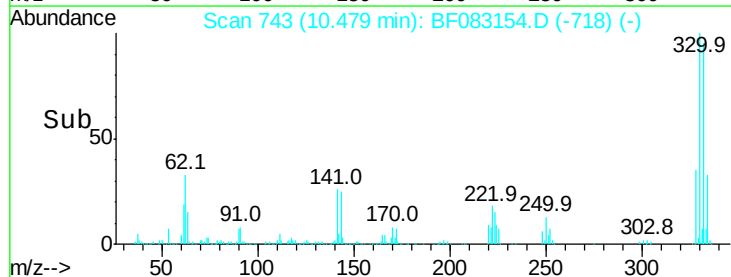
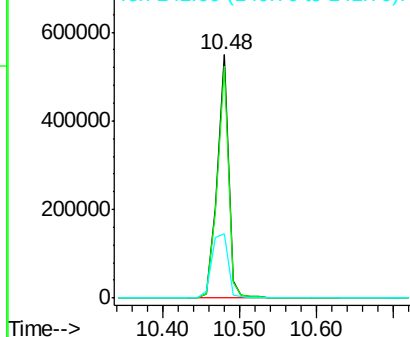


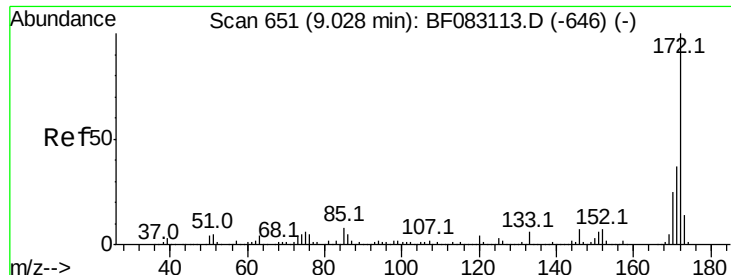
#41
 2,4,6-Tribromophenol
 Concen: 136.97 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

Tgt Ion:330 Resp: 565067
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.7 116.5
 141 38.0 29.7 44.5



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



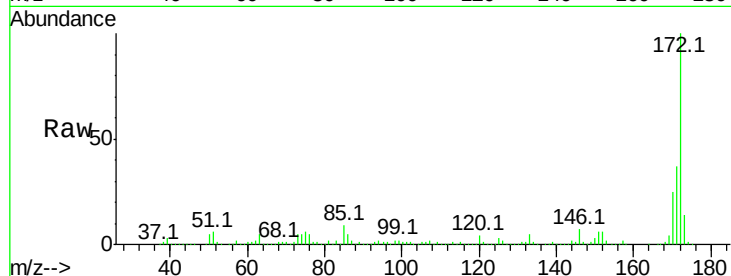


#44
 2-Fluorobiphenyl
 Concen: 81.82 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

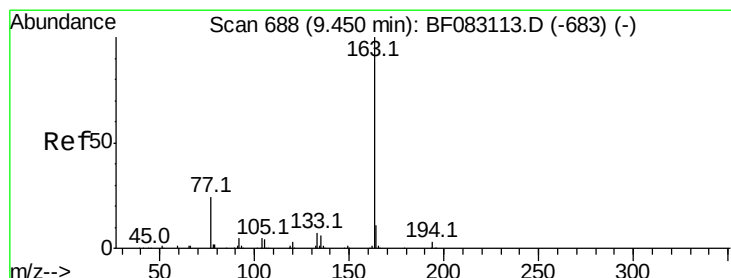
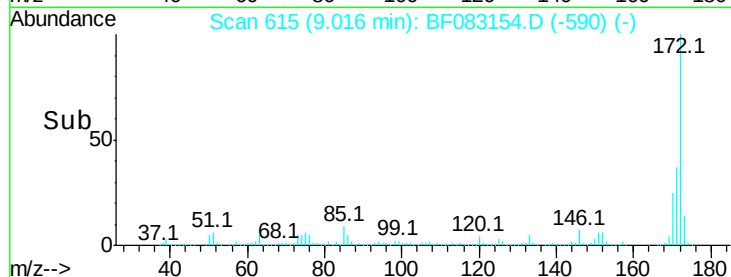
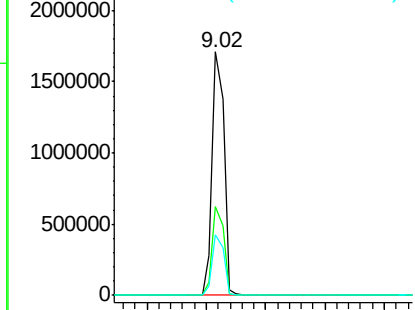
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:172 Resp: 2366161

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.8	19.9	29.9



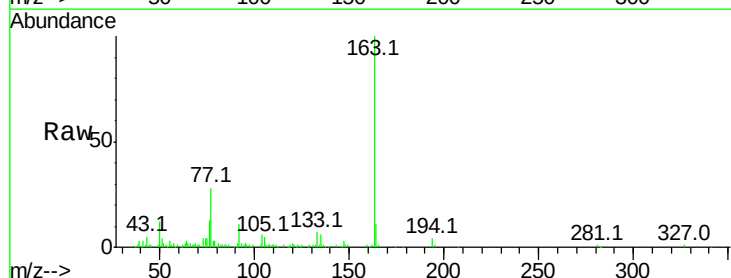
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



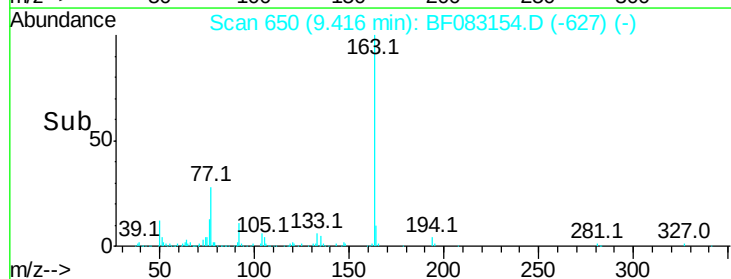
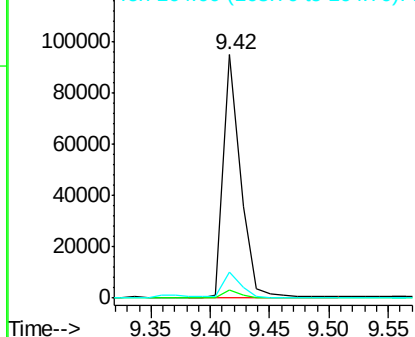
#49
 Dimethylphthalate
 Concen: 3.11 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083154.D
 Acq: 22 Nov 2015 12:51

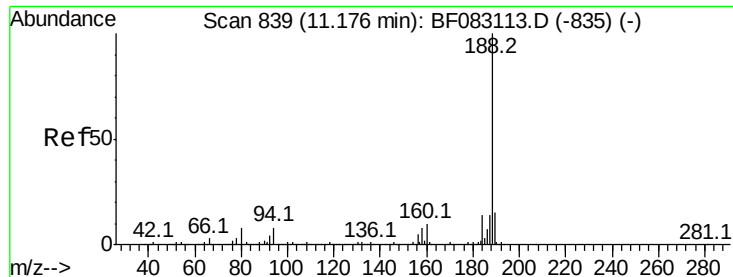
Tgt Ion:163 Resp: 96506

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.7	8.6	12.8



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

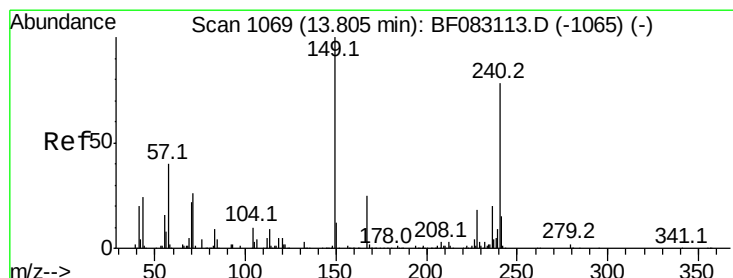
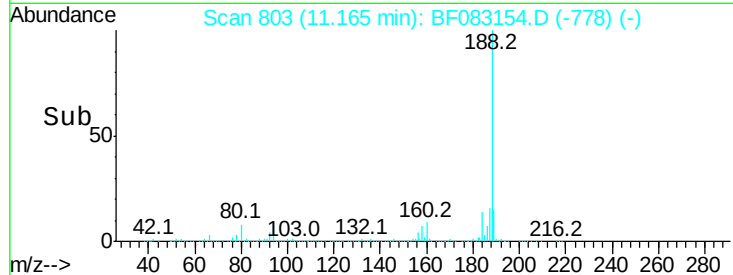
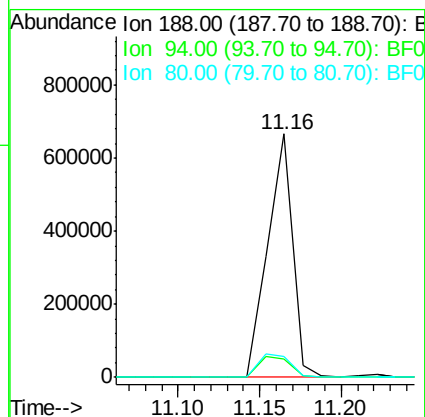
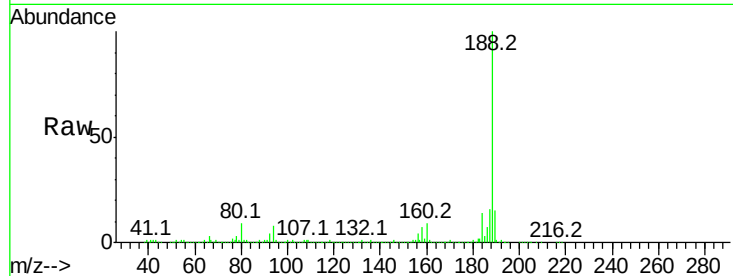




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

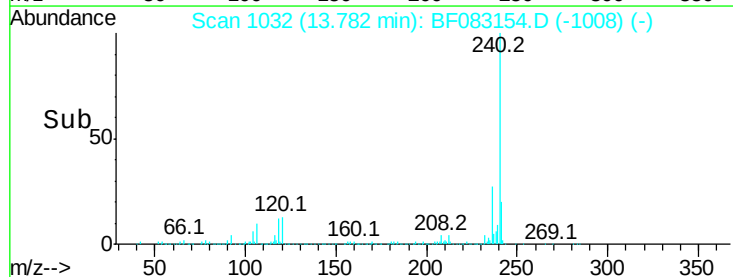
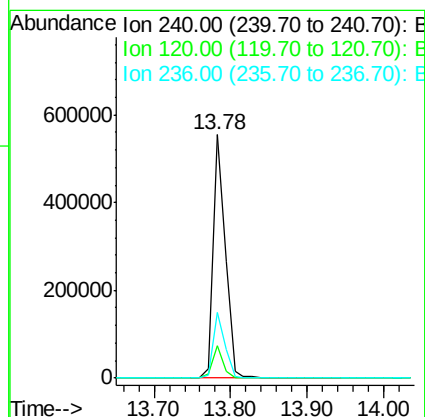
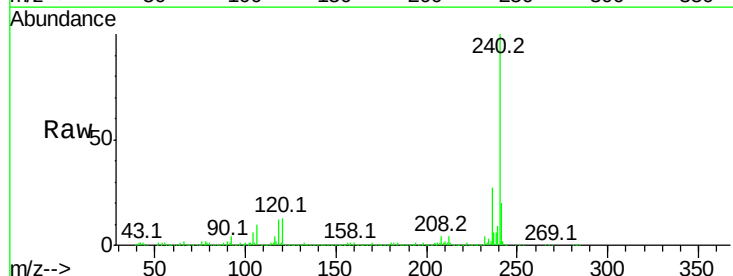
Instrument :
BNA_F
ClientSampleId :
MW-02

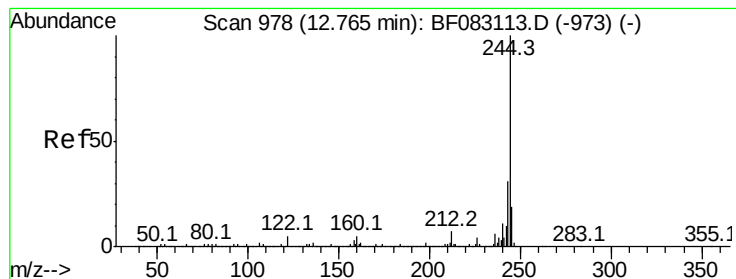
Tot Ion:188 Resp: 713417
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.5 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083154.D
Acq: 22 Nov 2015 12:51

Tgt Ion:240 Resp: 602855
Ion Ratio Lower Upper
240 100
120 13.1 5.4 8.2#
236 27.2 20.6 31.0





#78

Terphenyl-d14

Concen: 82.21 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

Instrument :

BNA_F

ClientSampled :

MW-02

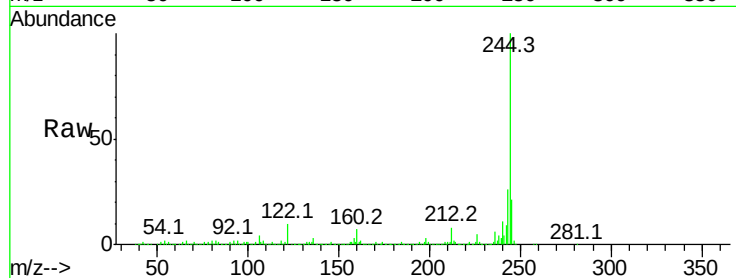
Tot Ion:244 Resp: 2104628

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

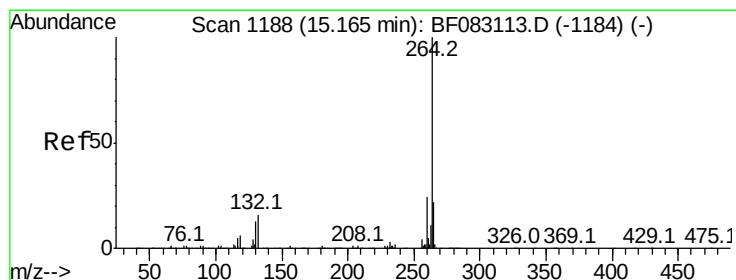
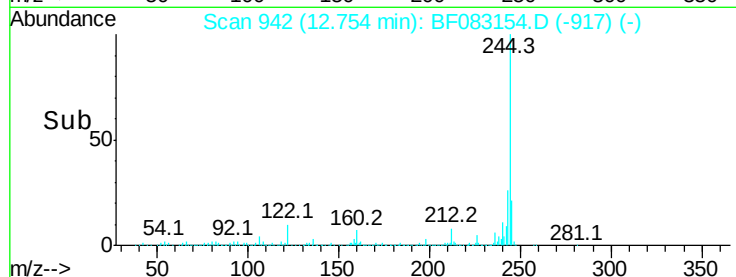
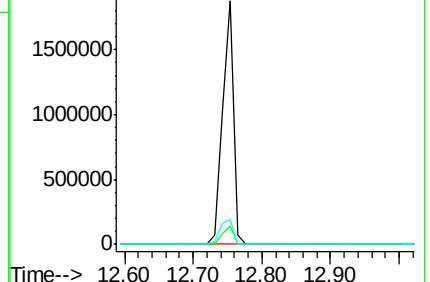
122 10.2 4.3 6.5#



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: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083154.D

Acq: 22 Nov 2015 12:51

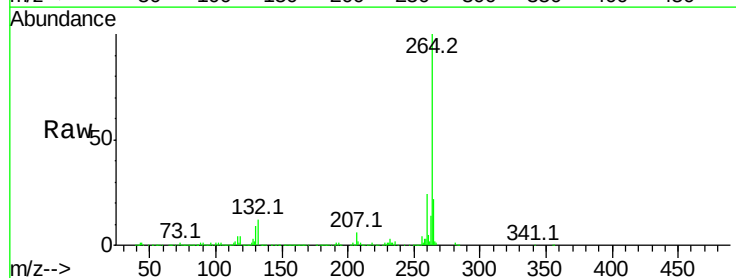
Tgt Ion:264 Resp: 485451

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.8 18.2 27.4



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

