

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084057.D
 Acq On : 24 Dec 2015 2:23
 Operator : UM/SJ
 Sample : G4936-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-01

Quant Time: Dec 24 04:39:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

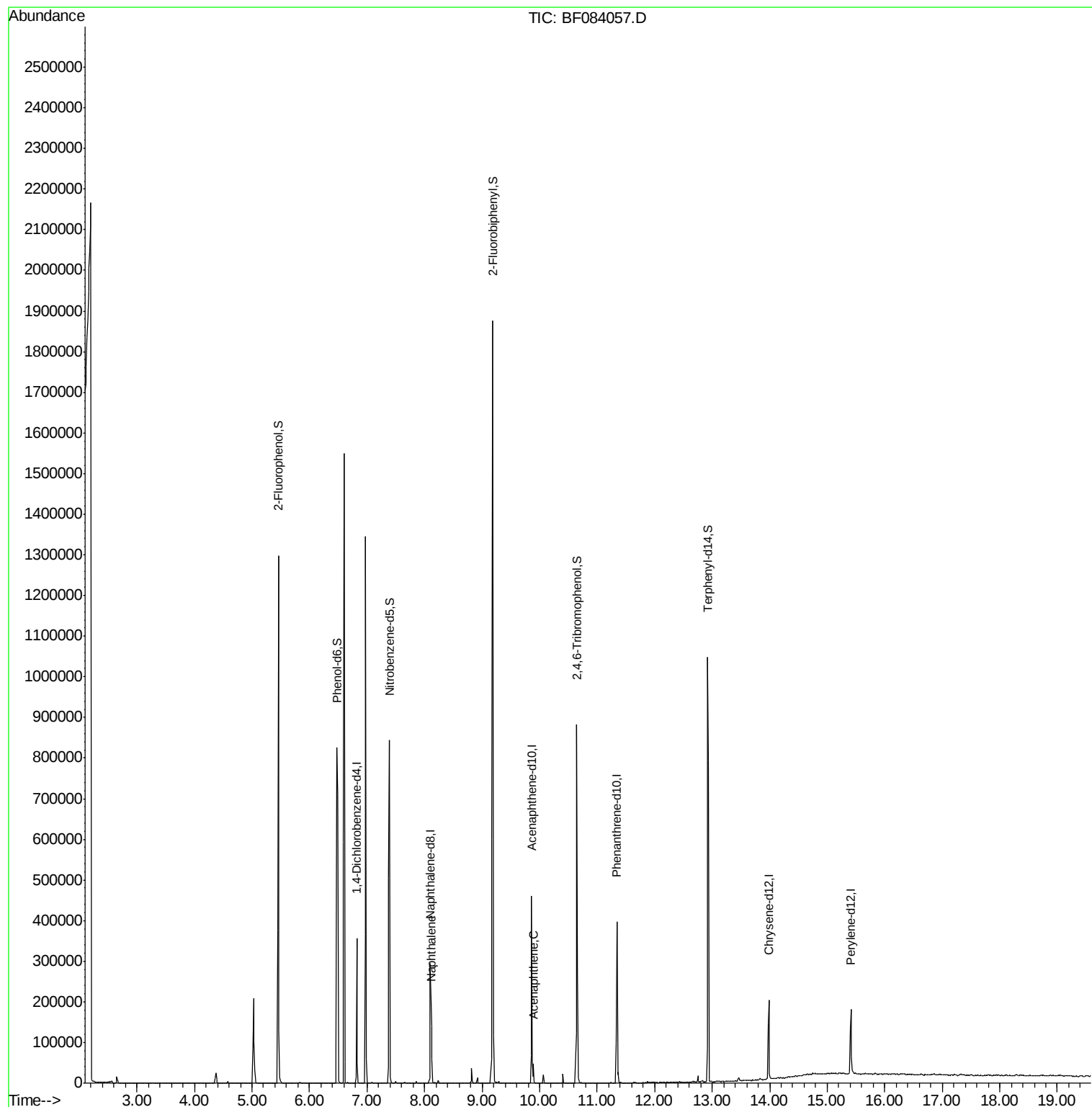
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50345	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	184338	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	89269	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	141581	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	89071	20.00	ng	-0.01
86) Perylene-d12	15.41	264	82538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	363888	123.24	ng	0.02
7) Phenol-d6	6.48	99	426286	122.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	333719	111.21	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	112749	131.31	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	609215	91.85	ng	-0.01
78) Terphenyl-d14	12.92	244	436363	116.83	ng	-0.01
Target Compounds						
31) Naphthalene	8.12	128	75891	8.06	ng	98
51) Acenaphthene	9.89	154	11671	2.18	ng	97

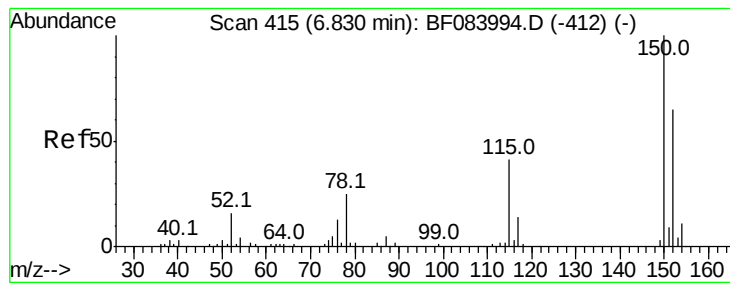
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_F

ClientSampleId :

WC-01

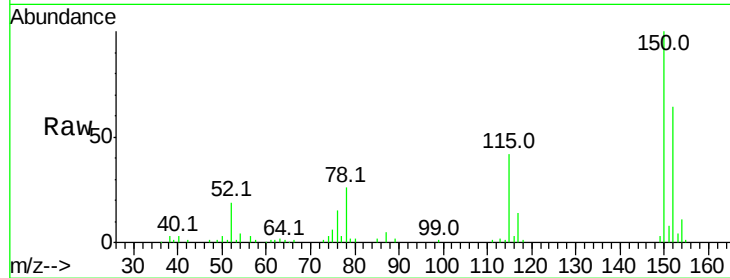
Tot Ion:152 Resp: 50345

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

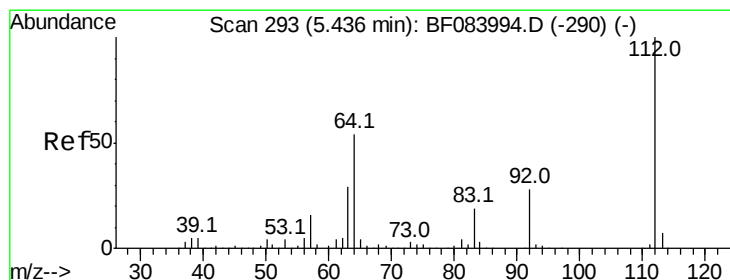
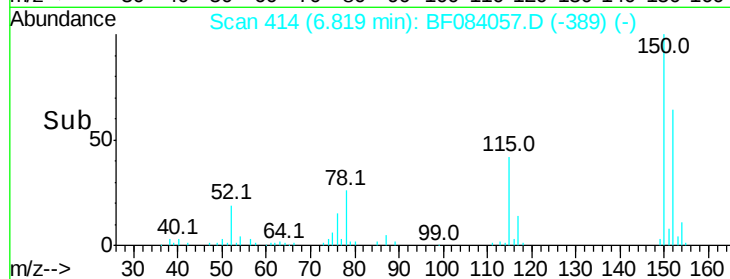
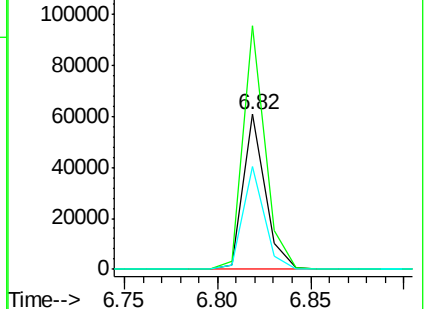
115 66.6 51.4 77.2



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: 123.24 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

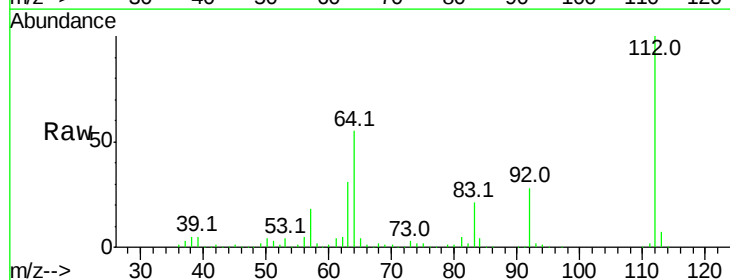
Tgt Ion:112 Resp: 363888

Ion Ratio Lower Upper

112 100

64 54.8 36.6 55.0

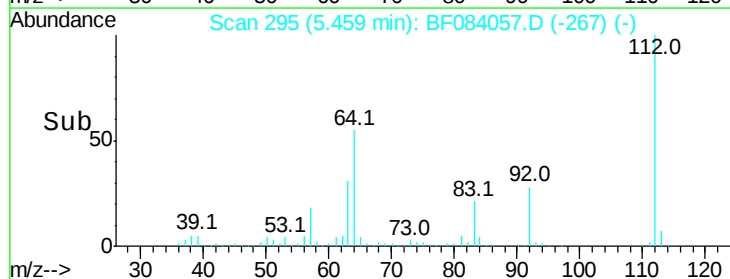
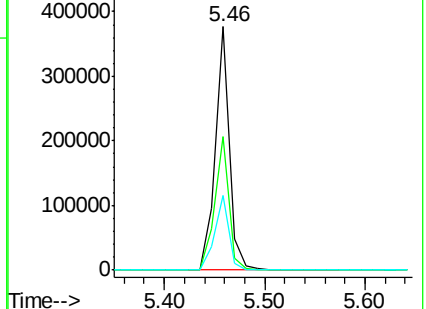
63 30.6 19.4 29.0#

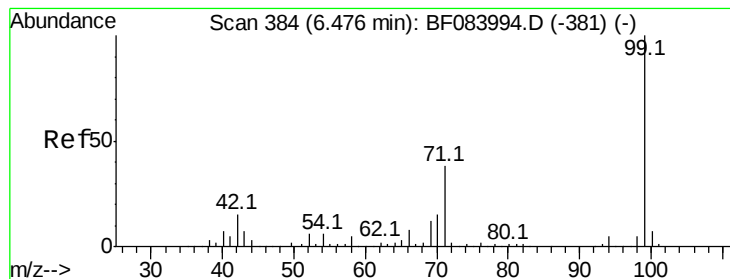


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_F

ClientSampleId :

WC-01

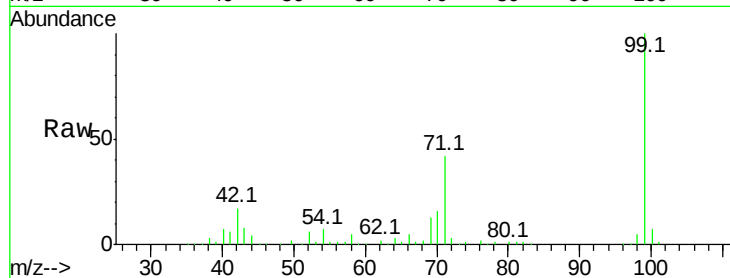
Tot Ion: 99 Resp: 426286

Ion Ratio Lower Upper

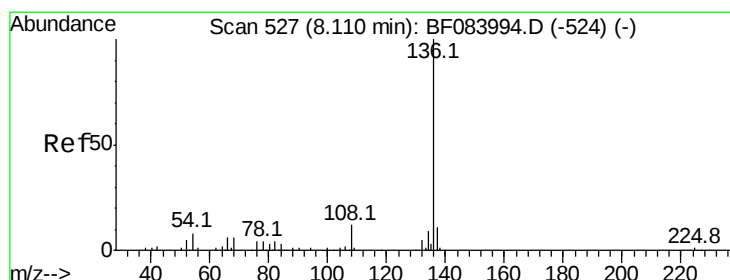
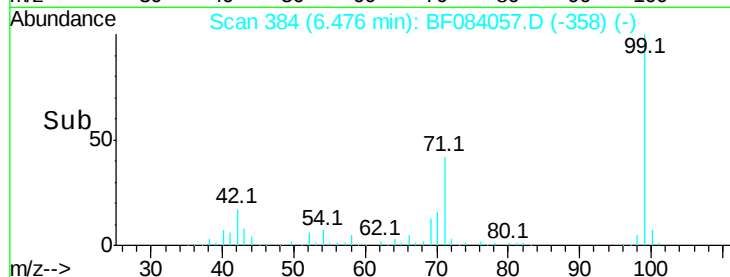
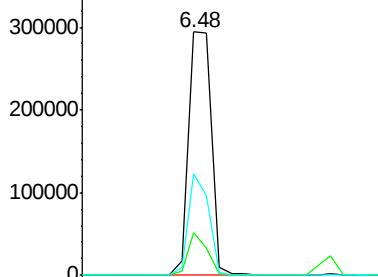
99 100

42 17.5 12.8 19.2

71 41.6 30.9 46.3



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Tgt Ion: 136 Resp: 184338

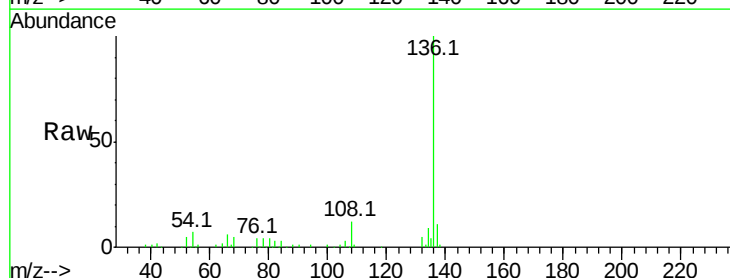
Ion Ratio Lower Upper

136 100

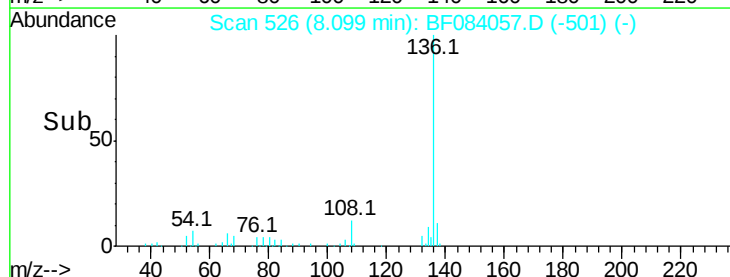
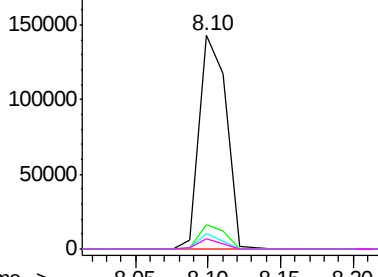
137 11.1 8.7 13.1

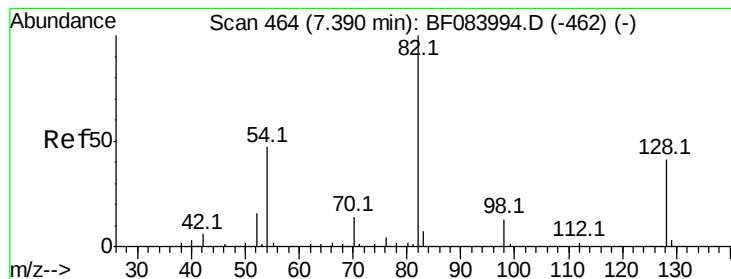
54 7.4 5.8 8.8

68 5.0 4.2 6.2



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: 111.21 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_F

ClientSampleId :

WC-01

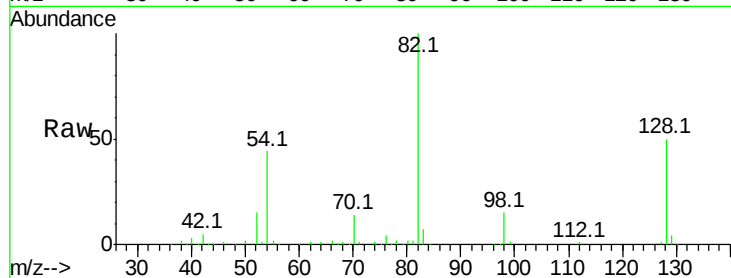
Tot Ion: 82 Resp: 333719

Ion Ratio Lower Upper

82 100

128 50.4 34.6 51.8

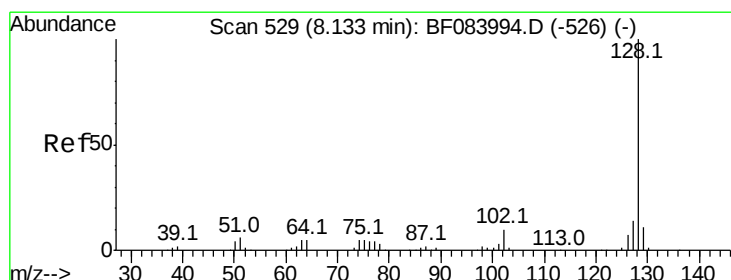
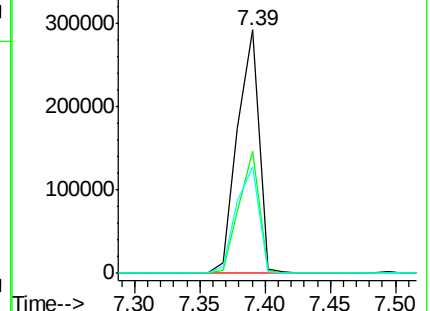
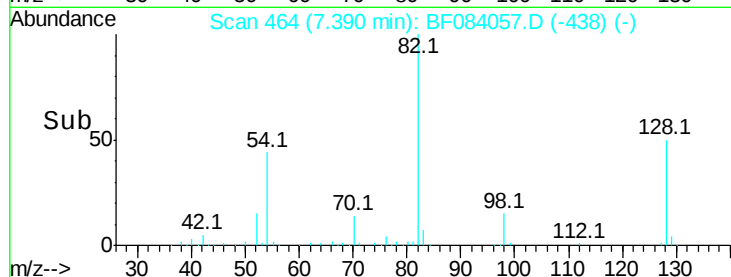
54 43.8 38.4 57.6



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



#31

Naphthalene

Concen: 8.06 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

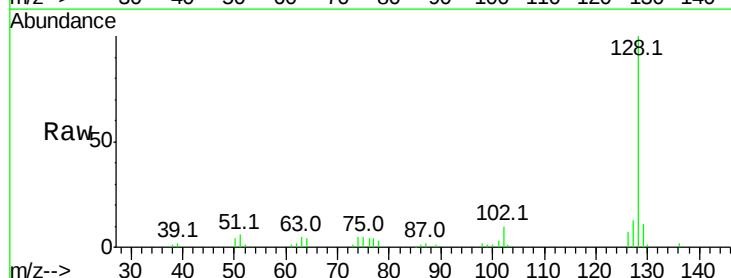
Tgt Ion: 128 Resp: 75891

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

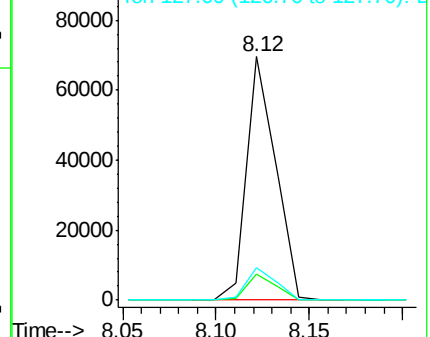
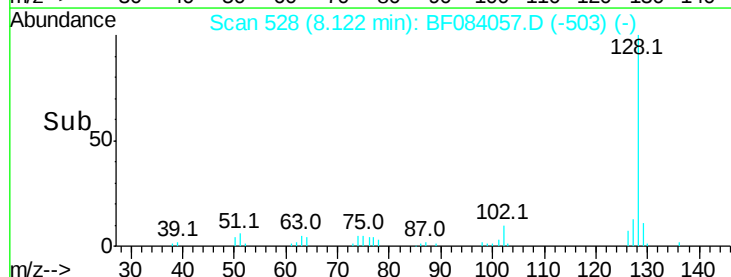
127 13.2 11.1 16.7

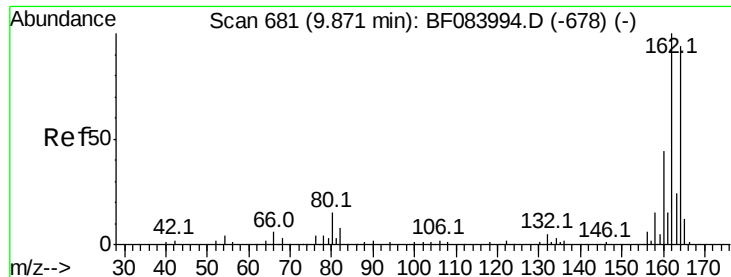


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

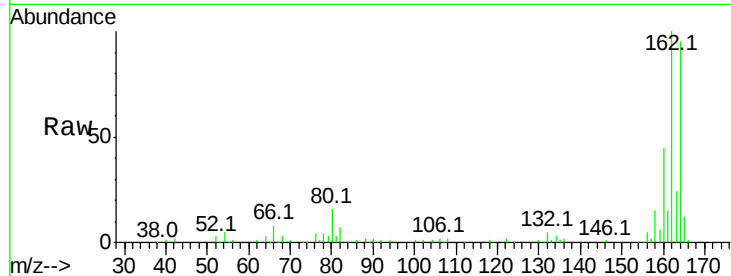




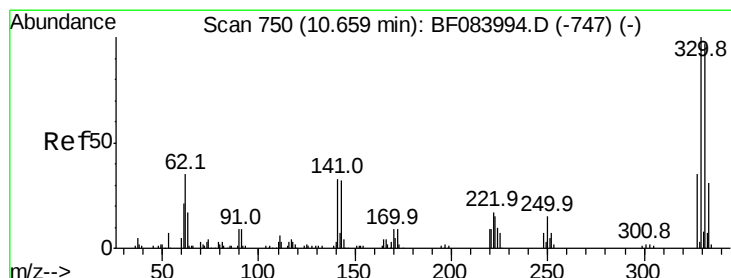
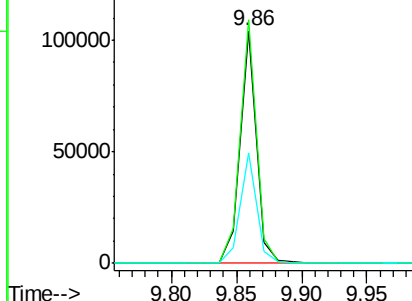
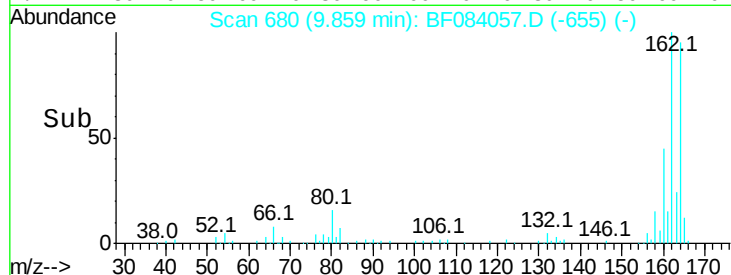
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Instrument :
BNA_F
ClientSampled :
WC-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	47.3	37.5	56.3

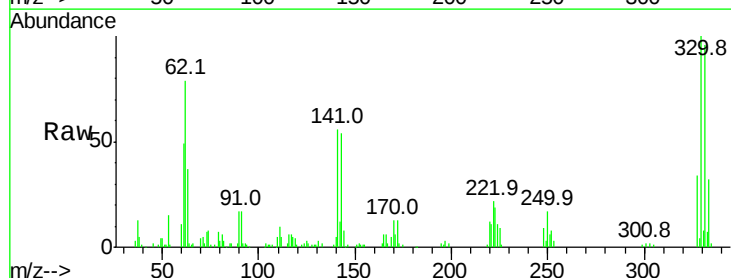


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

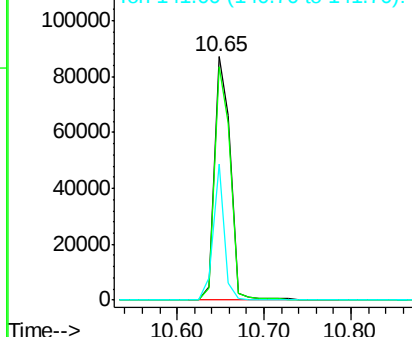
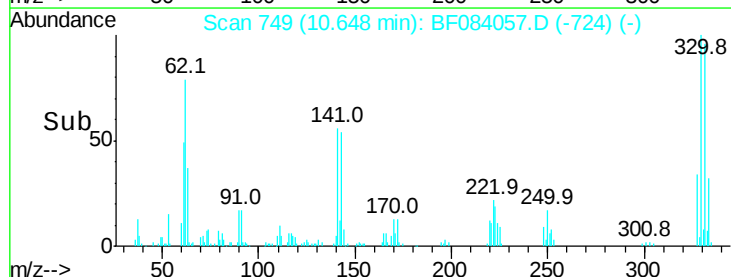


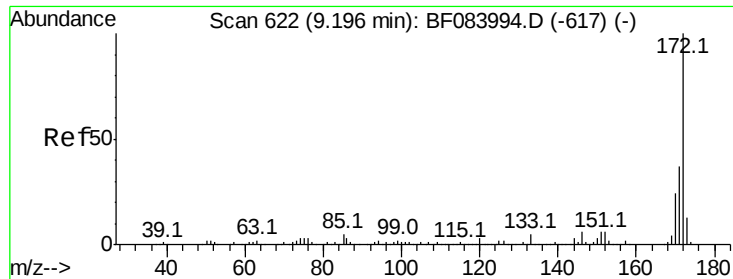
#41
2,4,6-Tribromophenol
Concen: 131.31 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	39.0	27.8	41.6



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

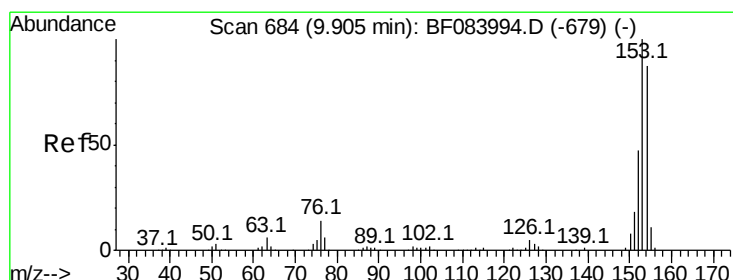
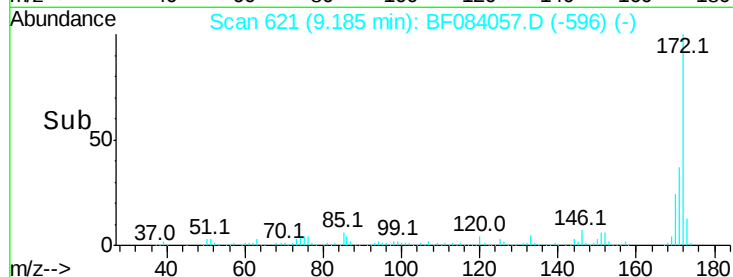
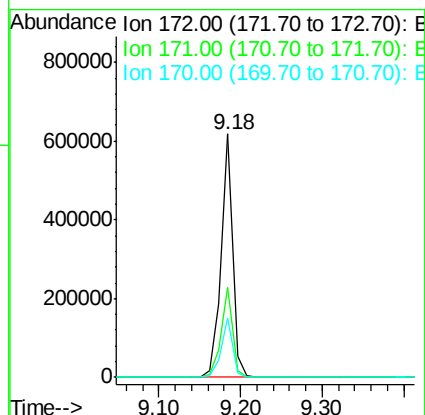
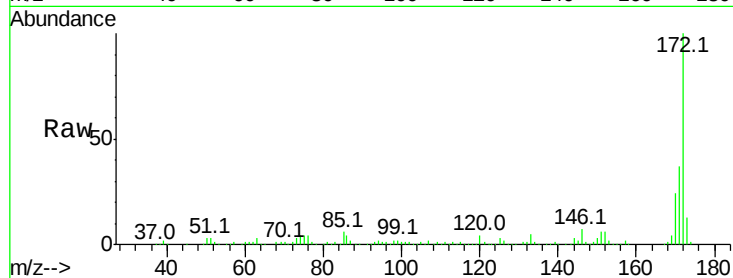




#44
 2-Fluorobiphenyl
 Concen: 91.85 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

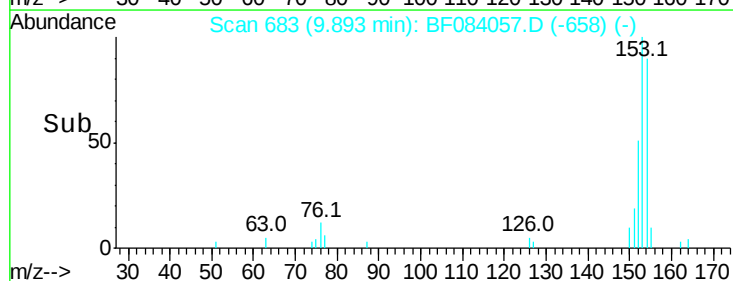
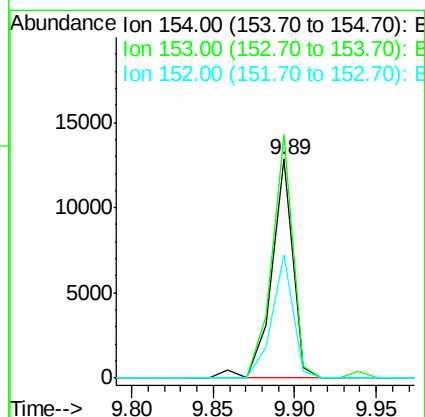
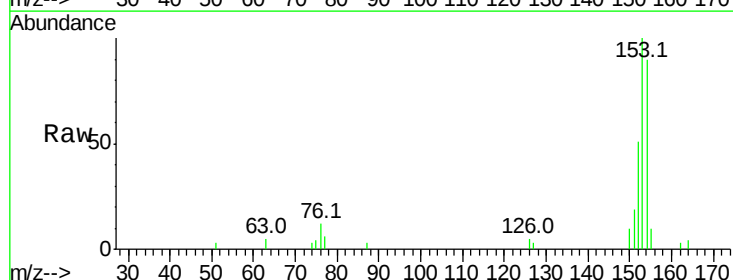
Instrument :
 BNA_F
 ClientSampleId :
 WC-01

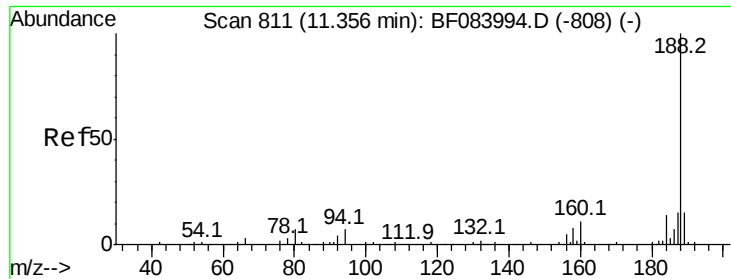
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.1	18.6	27.8



#51
 Acenaphthene
 Concen: 2.18 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF084057.D
 Acq: 24 Dec 2015 2:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.5	137.3
152	56.2	43.0	64.6

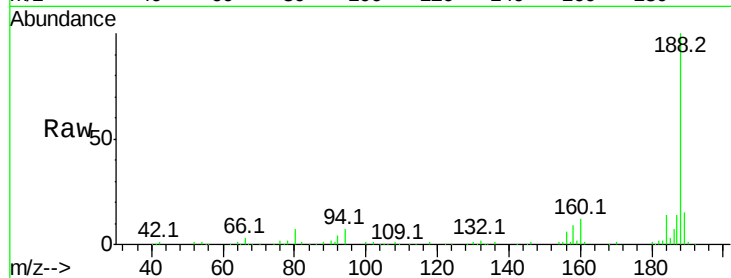




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

Instrument :
BNA_F
ClientSampleId :
WC-01

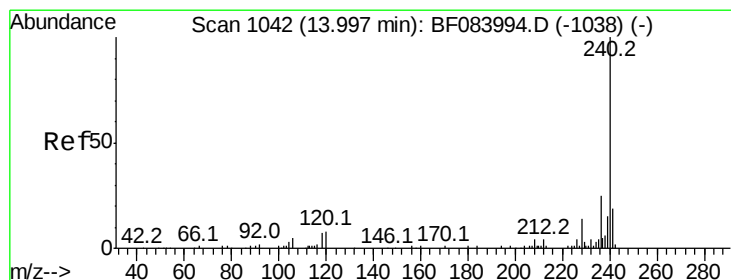
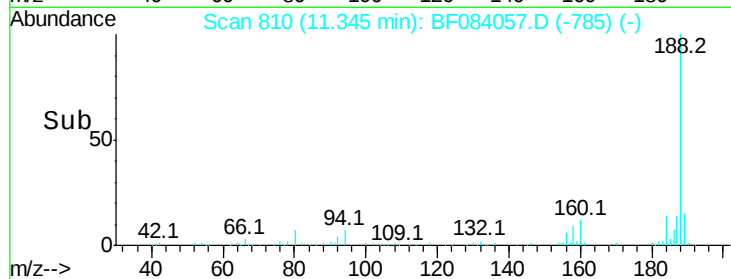
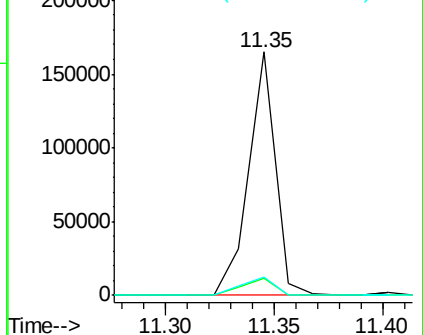
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.4#
80	7.4	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

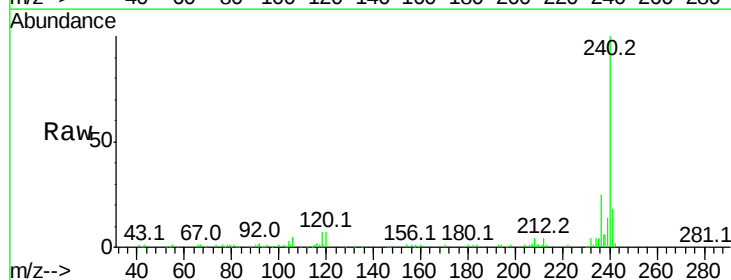
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084057.D
Acq: 24 Dec 2015 2:23

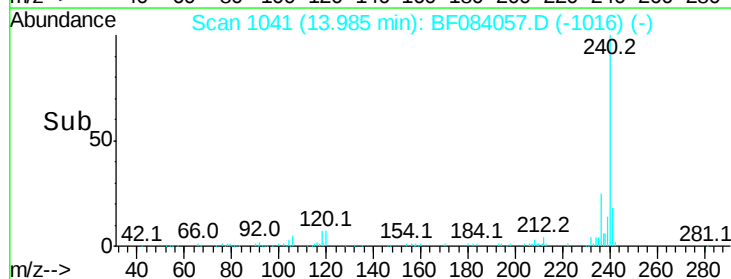
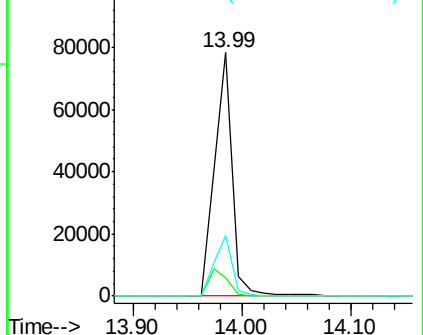
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	25.1	20.6	31.0

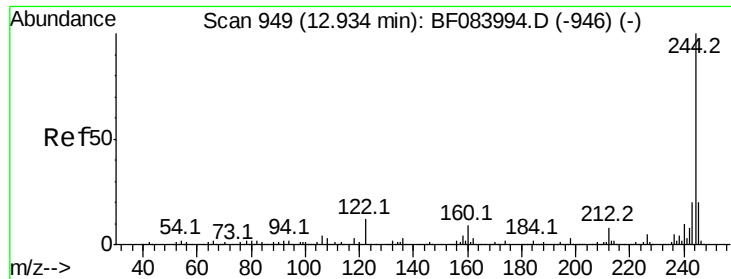


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 116.83 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

Instrument :

BNA_F

ClientSampleId :

WC-01

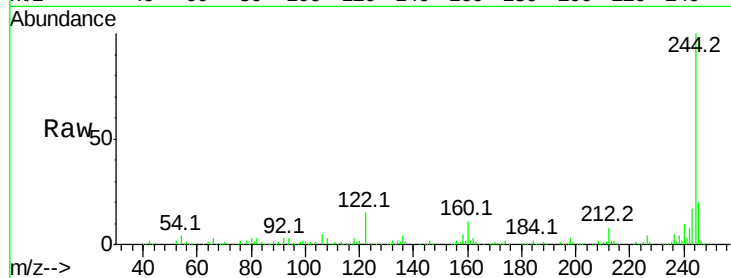
Tot Ion:244 Resp: 436363

Ion Ratio Lower Upper

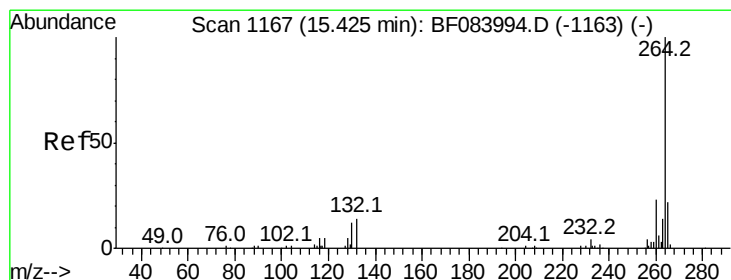
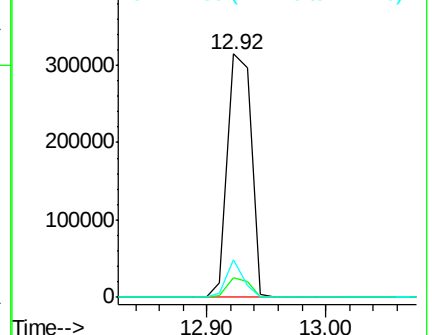
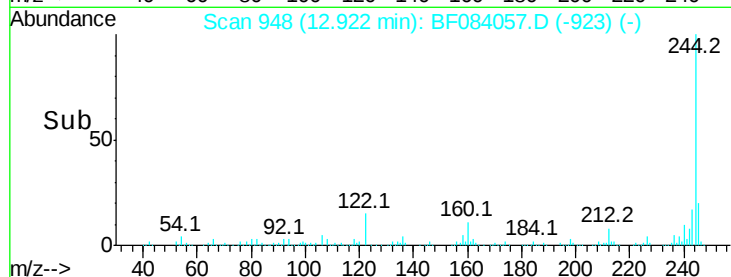
244 100

212 8.2 5.7 8.5

122 15.2 7.4 11.0#



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: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084057.D

Acq: 24 Dec 2015 2:23

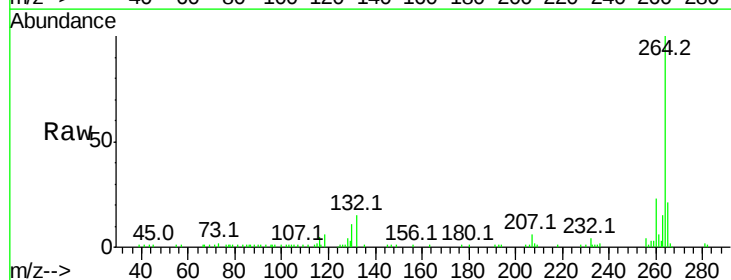
Tgt Ion:264 Resp: 82538

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 20.9 17.8 26.6



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

