

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
 Data File : BF084532.D
 Acq On : 17 Jan 2016 13:25
 Operator : SJ/UM
 Sample : H1140-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-011416DL

Quant Time: Jan 18 02:37:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

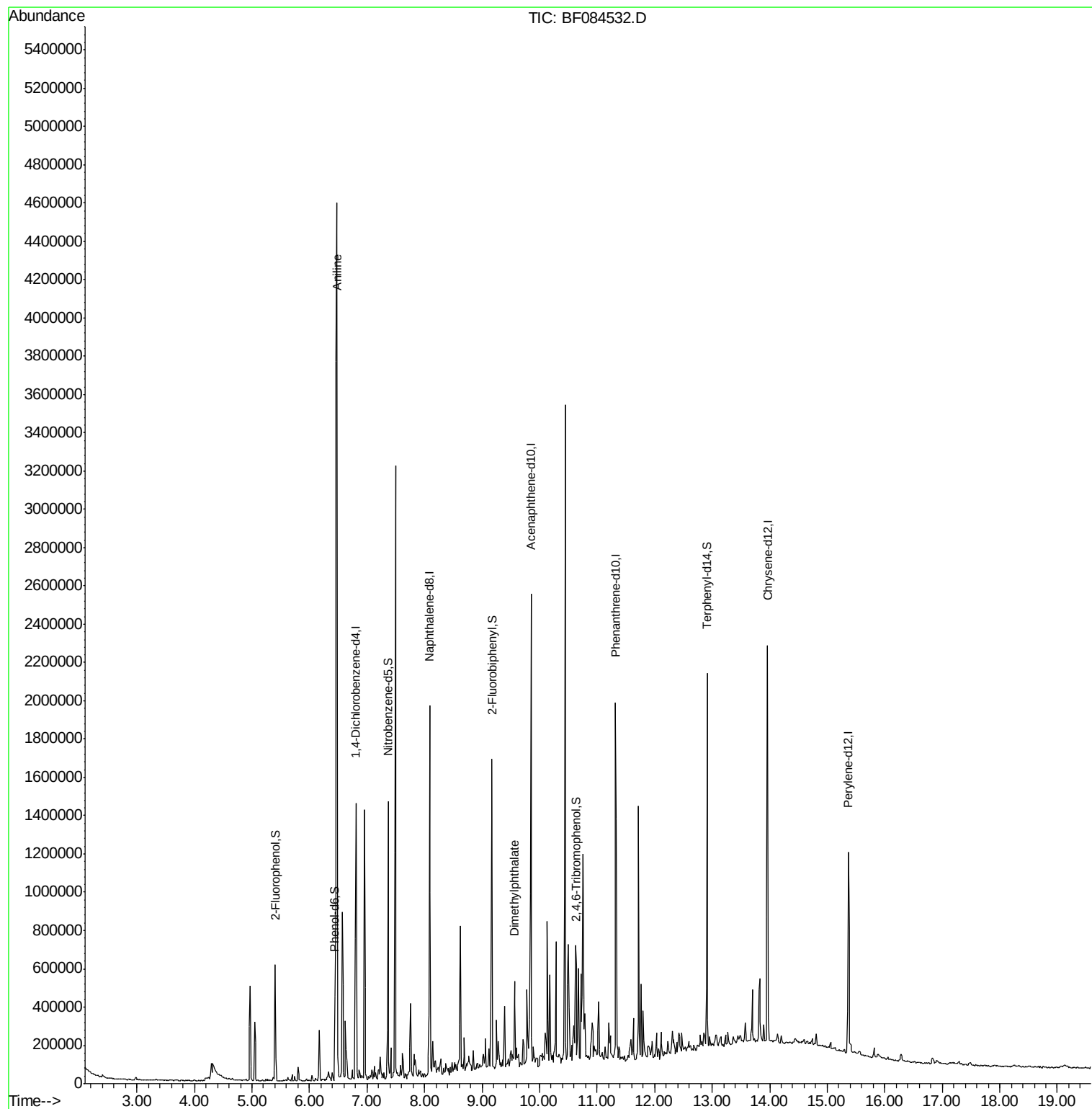
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	249219	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	986037	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	499361	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	878220	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	739867	20.00	ng	-0.03
86) Perylene-d12	15.37	264	515755	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	158157	10.26	ng	-0.03
7) Phenol-d6	6.44	99	146351	7.56	ng	-0.03
23) Nitrobenzene-d5	7.37	82	410950	23.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	100256	19.89	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	709773	20.18	ng	-0.02
78) Terphenyl-d14	12.91	244	563686	17.01	ng	-0.03
Target Compounds						
6) Aniline	6.48	93	2340822	82.69	ng	# 78
49) Dimethylphthalate	9.56	163	163801	4.59	ng	# 89

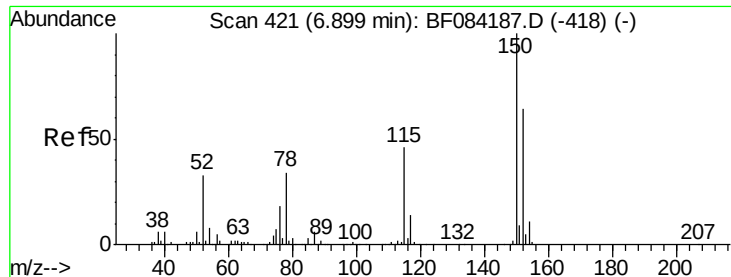
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 02:37:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

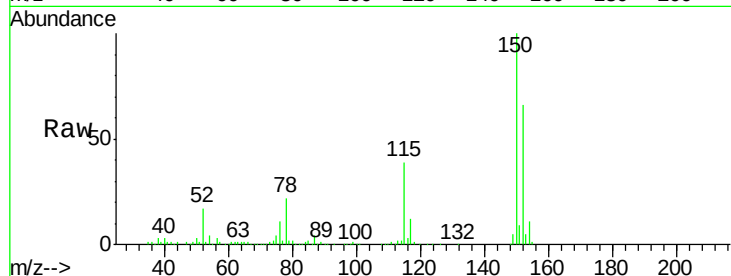
Tot Ion:152 Resp: 249219

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

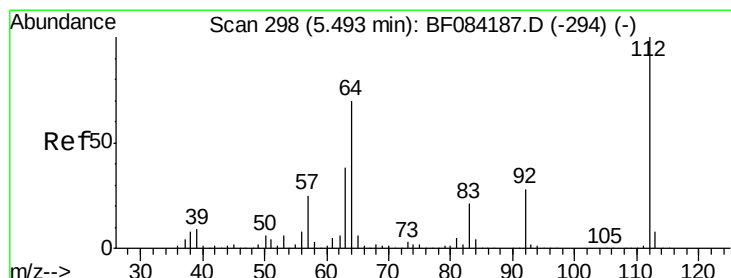
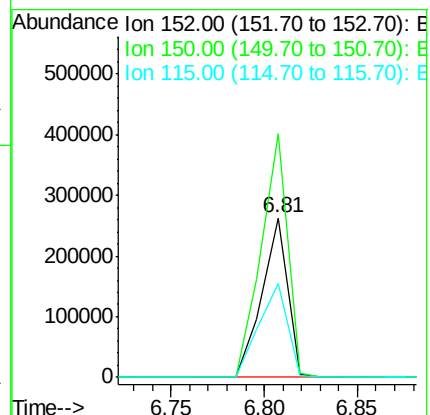
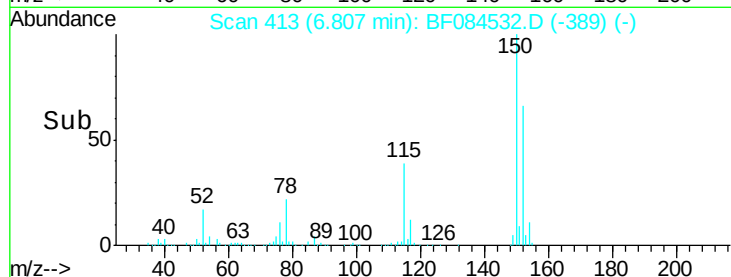
115 58.8 51.4 77.2



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: 10.26 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

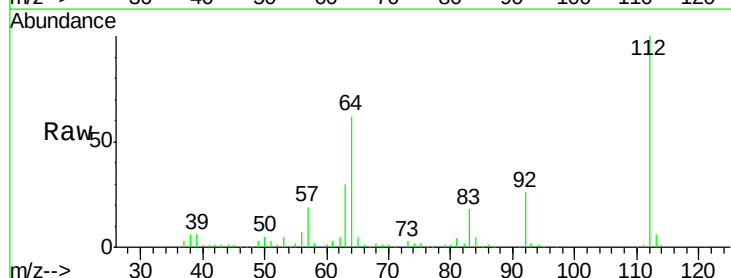
Tgt Ion:112 Resp: 158157

Ion Ratio Lower Upper

112 100

64 62.5 36.6 55.0#

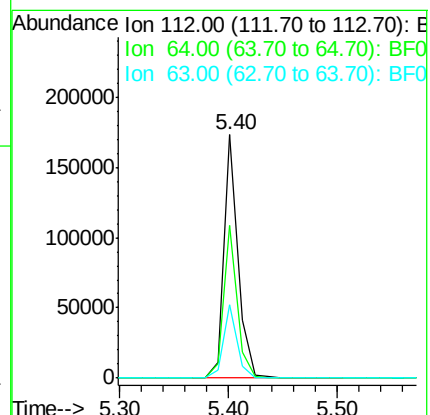
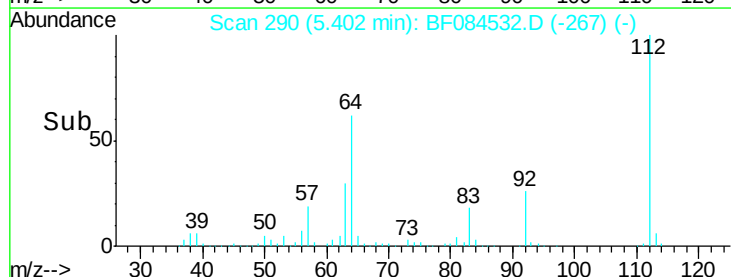
63 30.0 19.4 29.0#

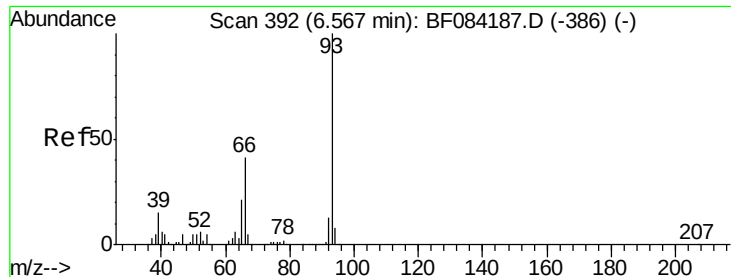


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 82.69 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

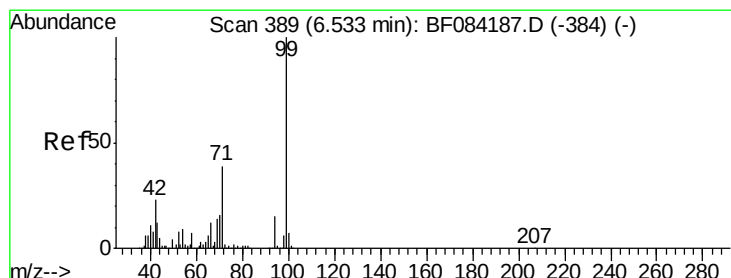
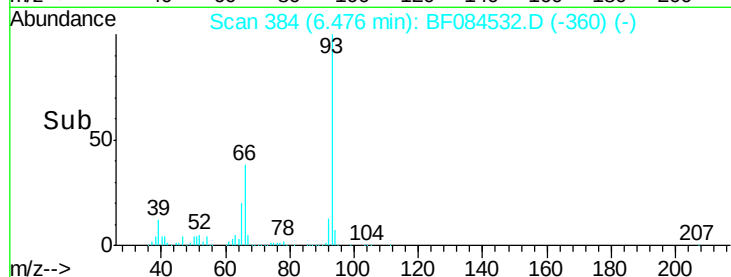
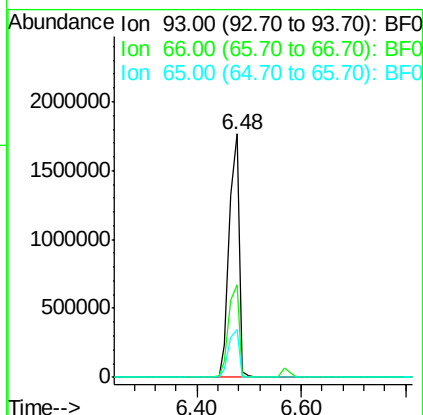
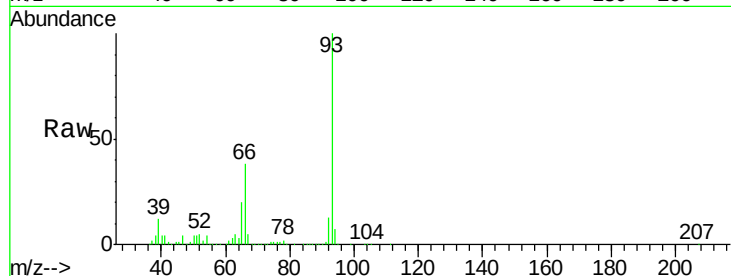
BNA_F

ClientSampleId :

SYS-DIS-011416DL

Tot Ion: 93 Resp: 2340822

Ion	Ratio	Lower	Upper
93	100		
66	38.2	44.9	67.3#
65	19.8	23.7	35.5#



#7

Phenol-d6

Concen: 7.56 ng

RT: 6.44 min Scan# 381

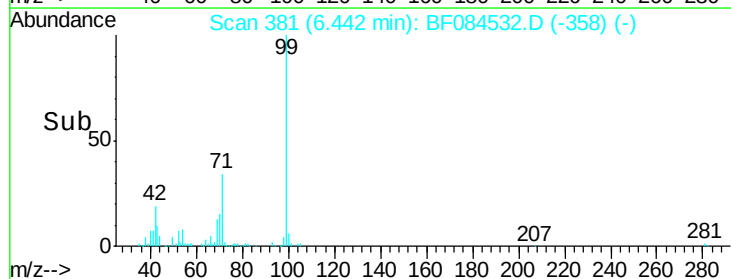
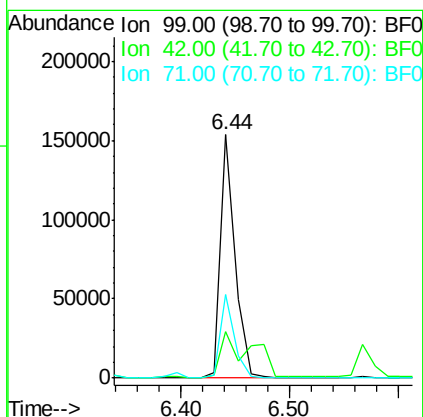
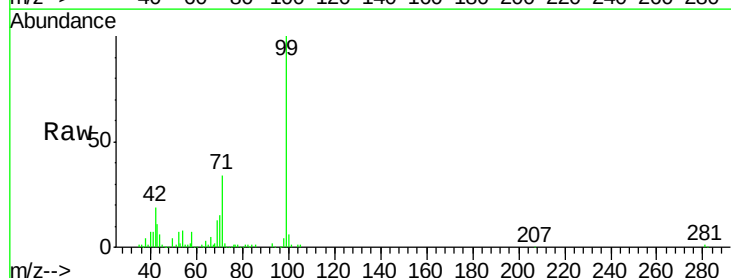
Delta R.T. -0.03 min

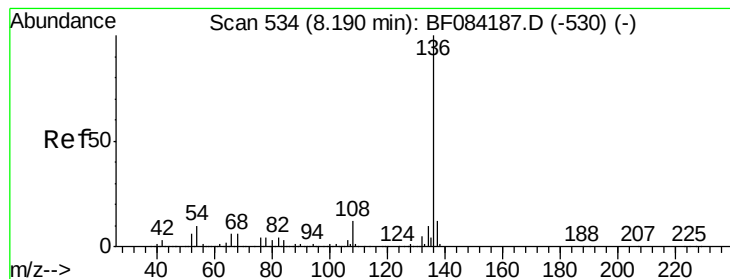
Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Tgt Ion: 99 Resp: 146351

Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.8	19.2
71	34.3	30.9	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

Tot Ion:136 Resp: 986037

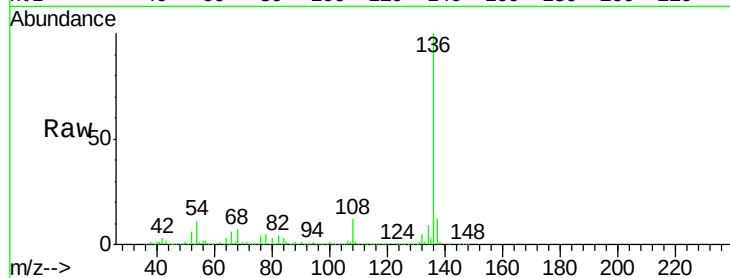
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.1 5.8 8.8#

68 6.5 4.2 6.2#

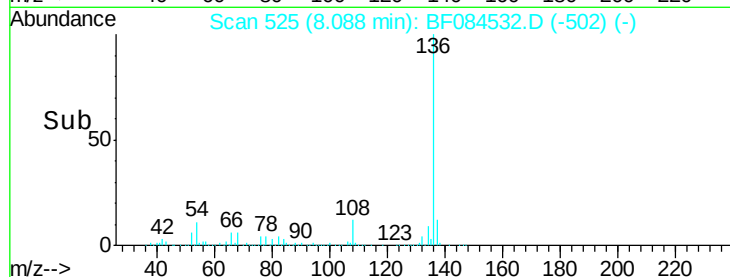


Abundance Ion 136.00 (135.70 to 136.70): E

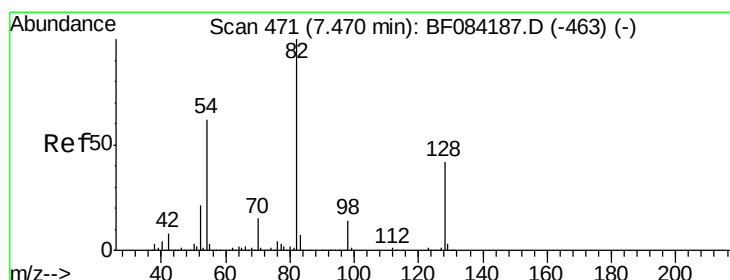
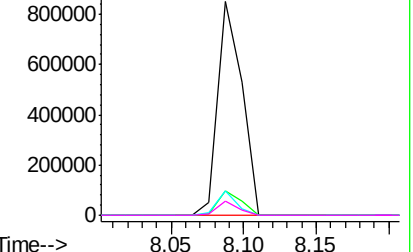
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 23.20 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

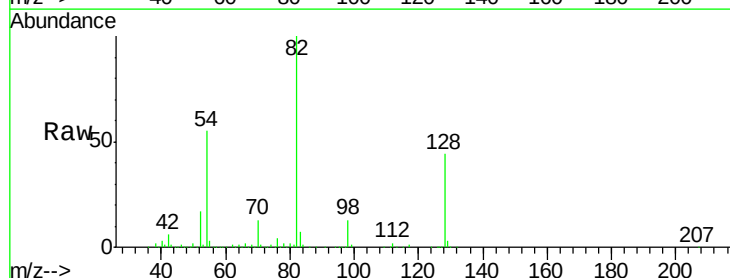
Tgt Ion: 82 Resp: 410950

Ion Ratio Lower Upper

82 100

128 44.2 34.6 51.8

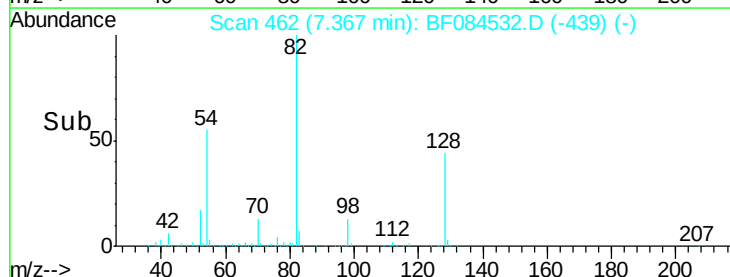
54 55.0 38.4 57.6



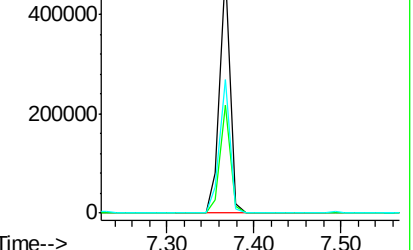
Abundance Ion 82.00 (81.70 to 82.70): BF0

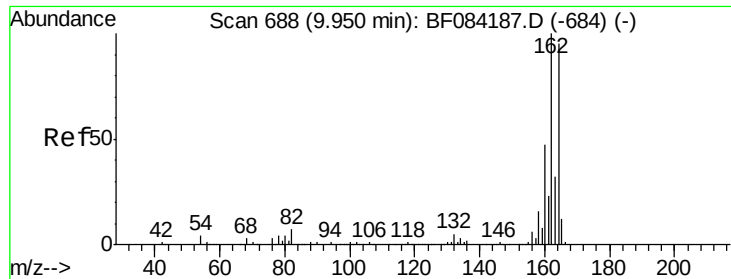
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

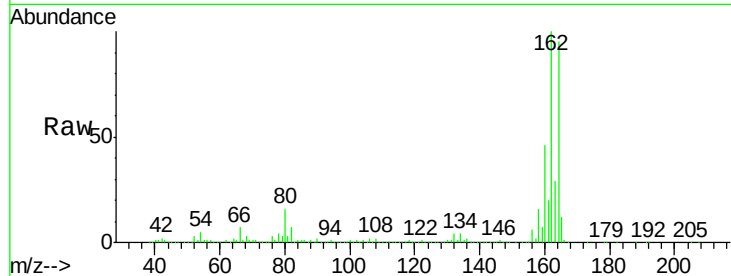
Tot Ion:164 Resp: 499361

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

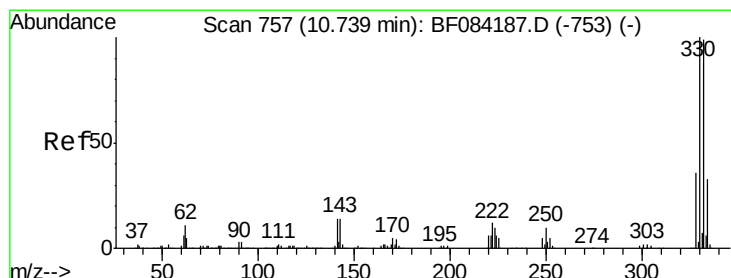
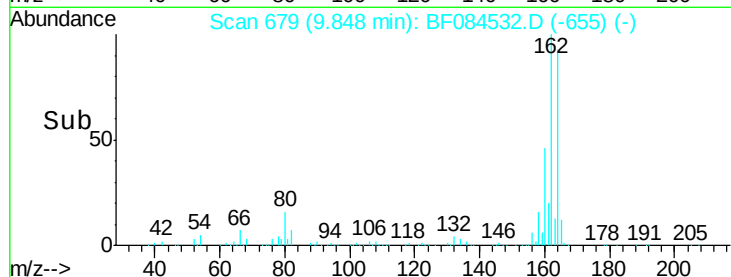
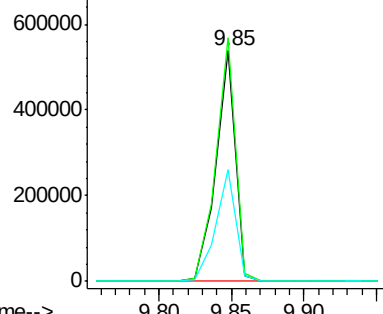
160 48.3 37.5 56.3



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: 19.89 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

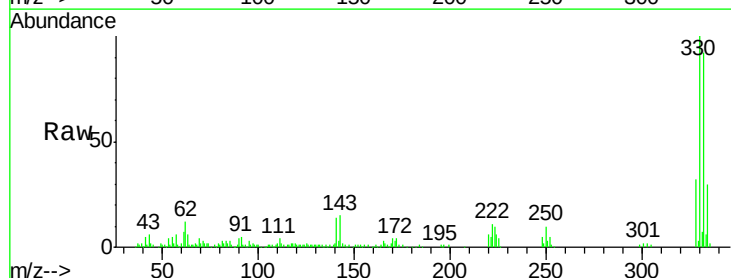
Tgt Ion:330 Resp: 100256

Ion Ratio Lower Upper

330 100

332 92.1 76.6 114.8

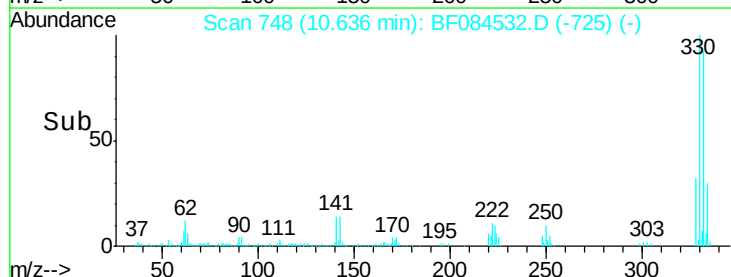
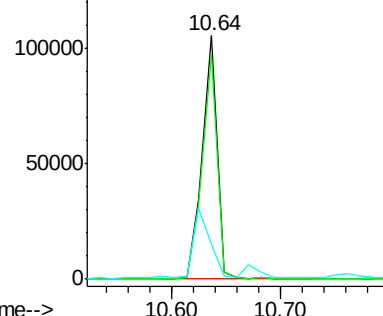
141 33.3 27.8 41.6

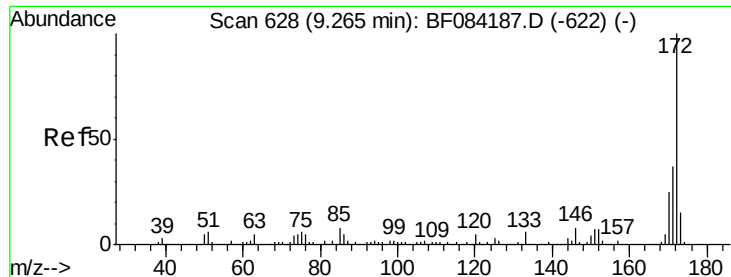


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

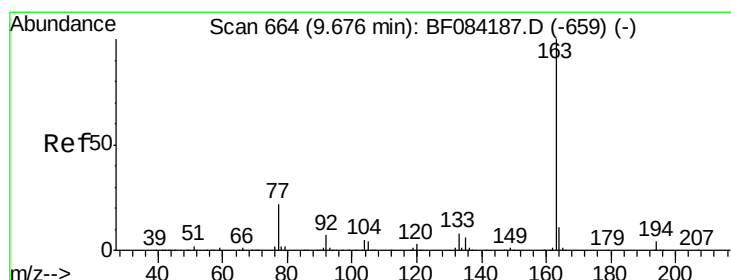
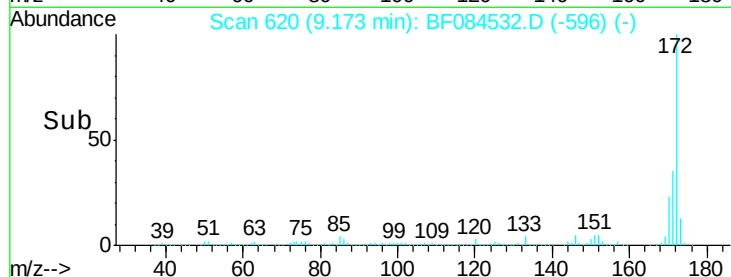
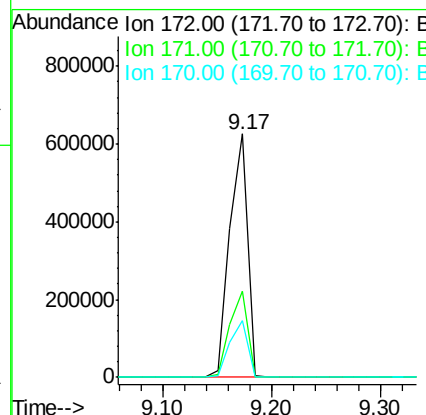
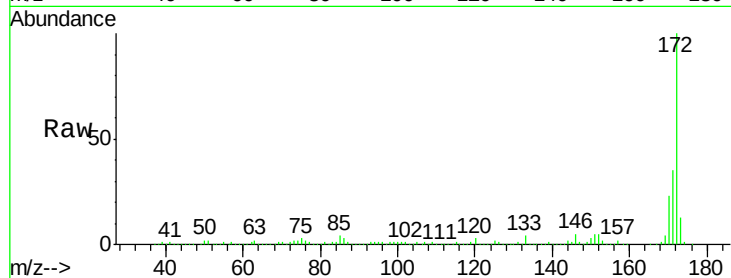




#44
2-Fluorobiphenyl
Concen: 20.18 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF084532.D
Acq: 17 Jan 2016 13:25

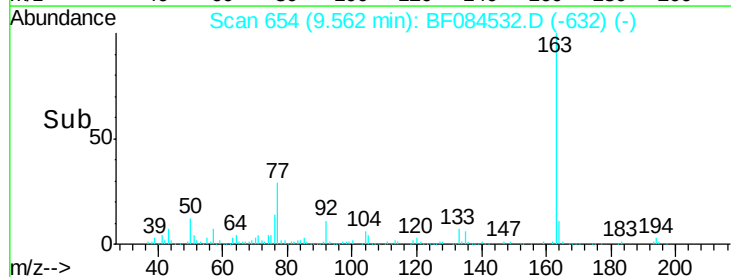
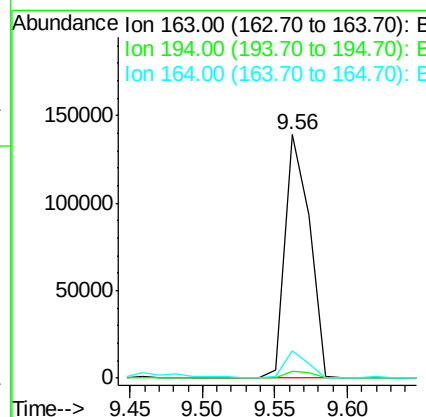
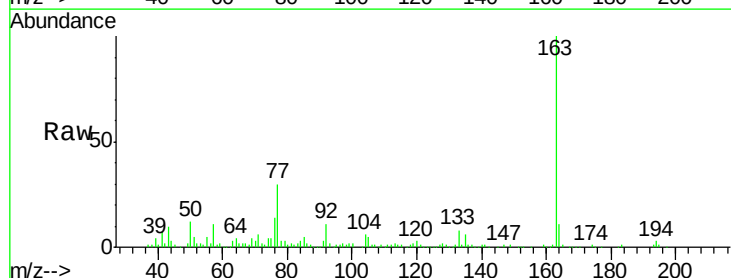
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

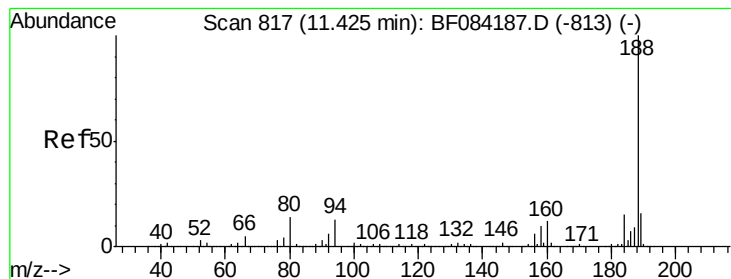
Tot Ion:172 Resp: 709773
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.2 18.6 27.8



#49
Dimethylphthalate
Concen: 4.59 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084532.D
Acq: 17 Jan 2016 13:25

Tgt Ion:163 Resp: 163801
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 11.1 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

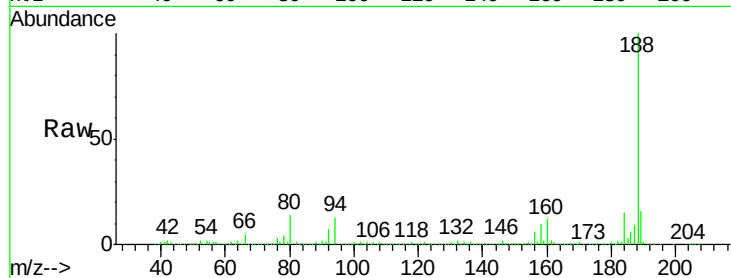
Tot Ion:188 Resp: 878220

Ion Ratio Lower Upper

188 100

94 12.8 9.0 13.4

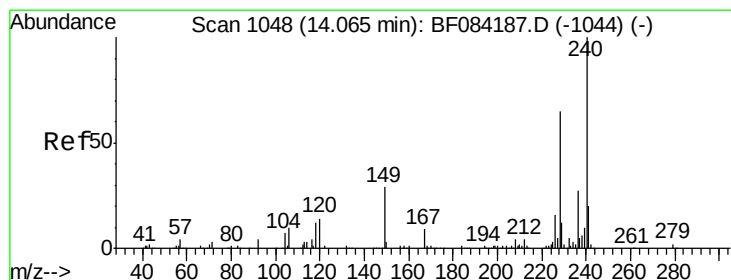
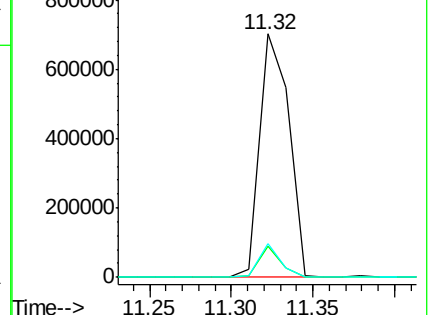
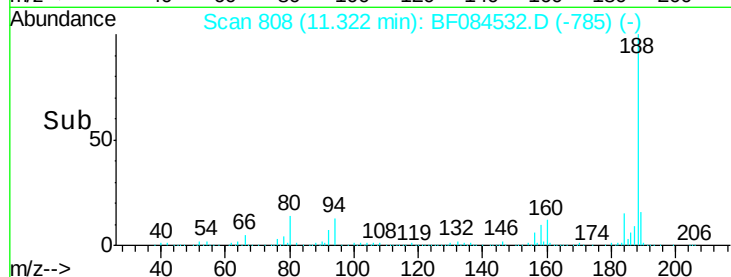
80 14.1 9.6 14.4



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: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

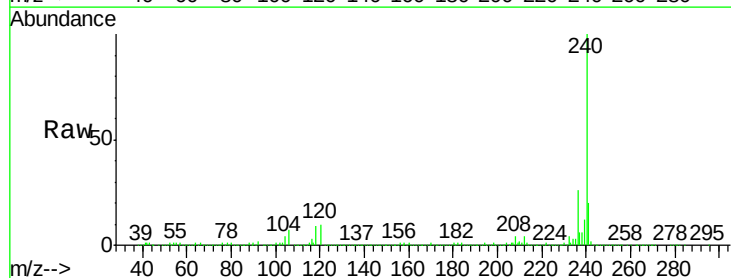
Tgt Ion:240 Resp: 739867

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

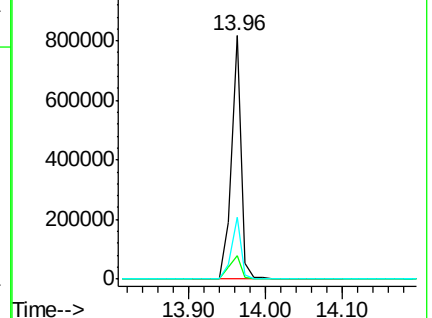
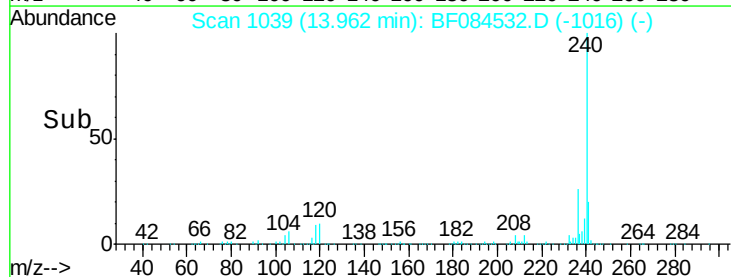
236 25.6 20.6 31.0

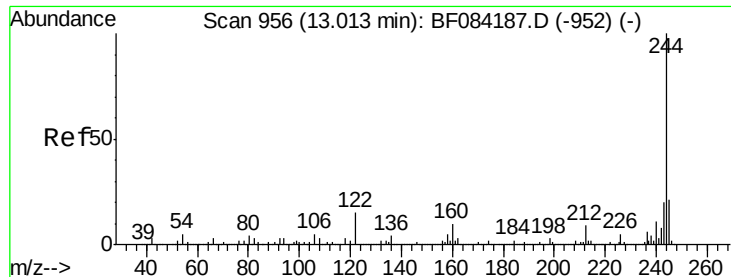


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 17.01 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416DL

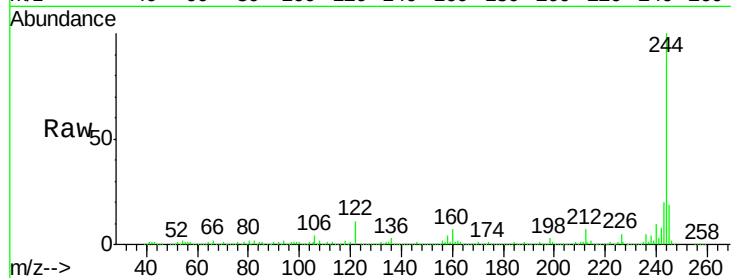
Tot Ion:244 Resp: 563686

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

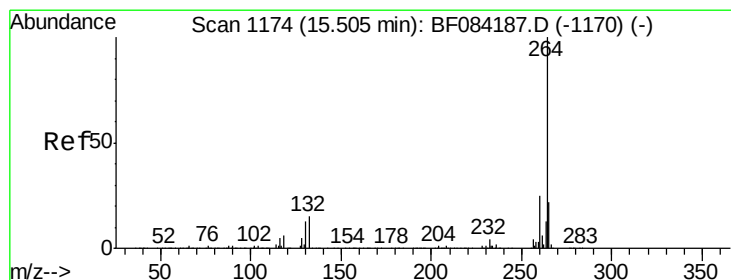
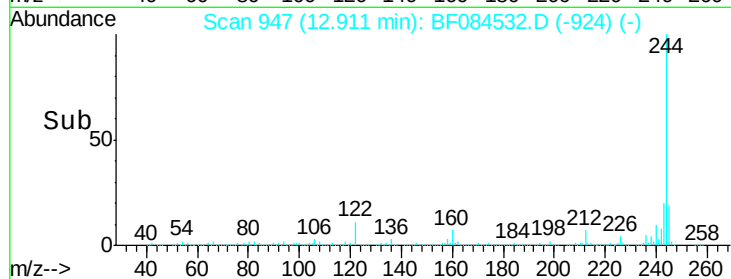
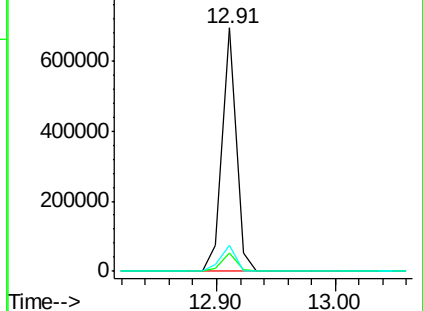
122 10.7 7.4 11.0



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: 15.37 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF084532.D

Acq: 17 Jan 2016 13:25

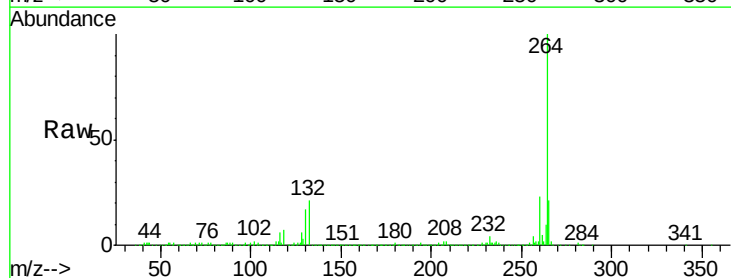
Tgt Ion:264 Resp: 515755

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.2 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

