

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081695.D
 Acq On : 18 Sep 2015 13:43
 Operator : UM/IZ
 Sample : PB85607BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85607BL

Quant Time: Sep 18 22:57:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

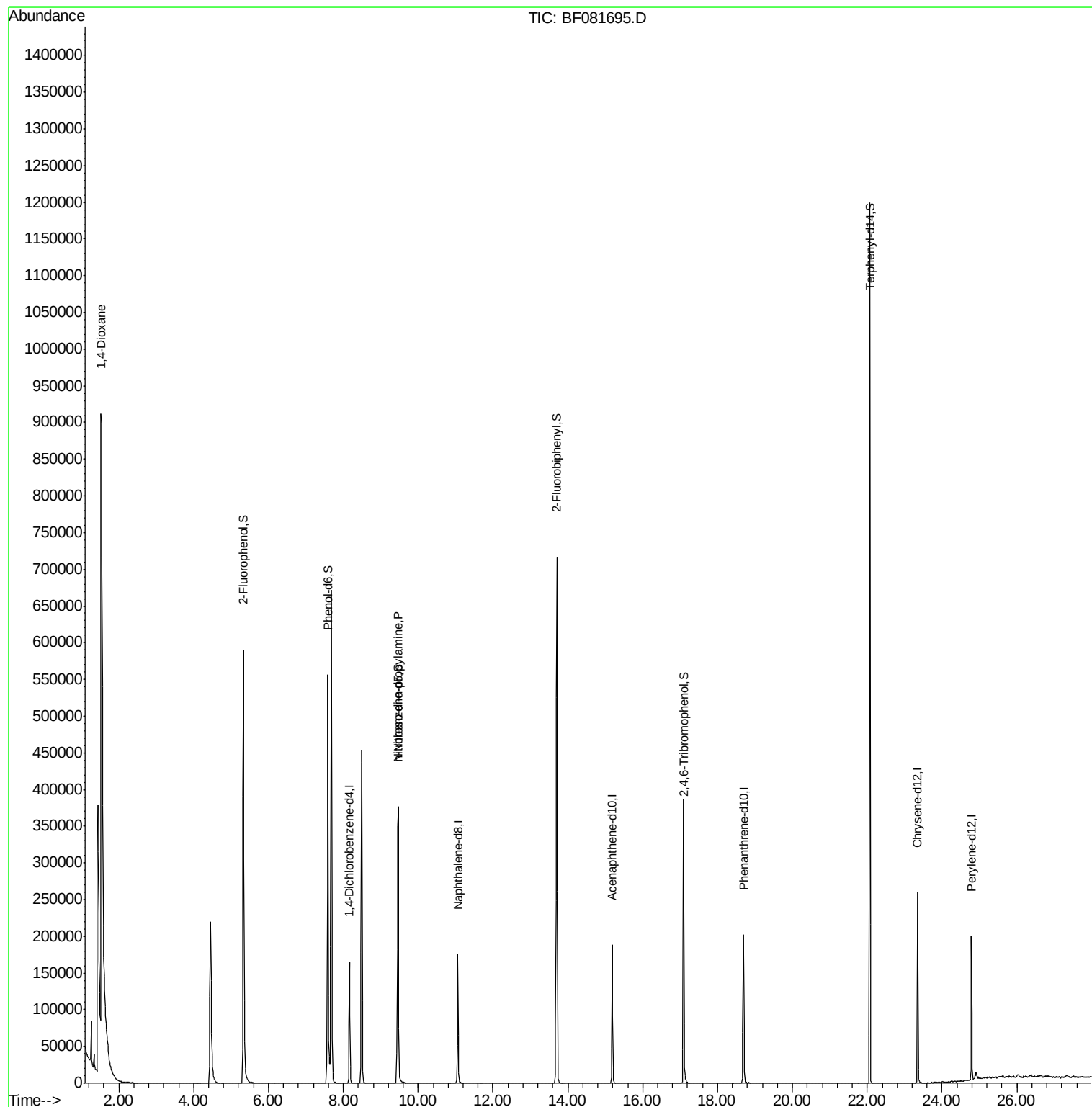
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40384	20.00	ng	-0.06
21) Naphthalene-d8	11.07	136	155145	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	74014	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	162644	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	135536	20.00	ng	-0.04
86) Perylene-d12	24.78	264	85862	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	265727	102.09	ng	-0.02
7) Phenol-d6	7.59	99	370976	107.67	ng	-0.06
23) Nitrobenzene-d5	9.46	82	244702	76.10	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	75169	114.06	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	432724	74.92	ng	-0.07
78) Terphenyl-d14	22.07	244	451333	77.52	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	60196	51.49	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	32105	13.69	ng	# 64

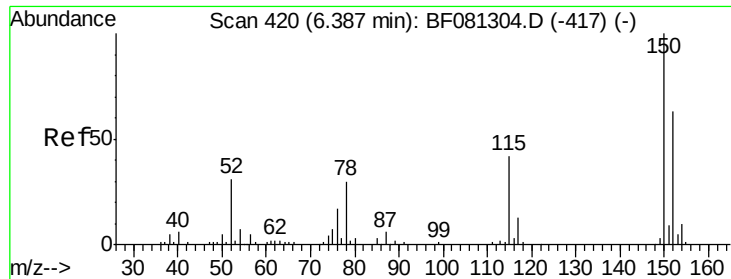
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

Instrument :

BNA_F

ClientSampled :

PB85607BL

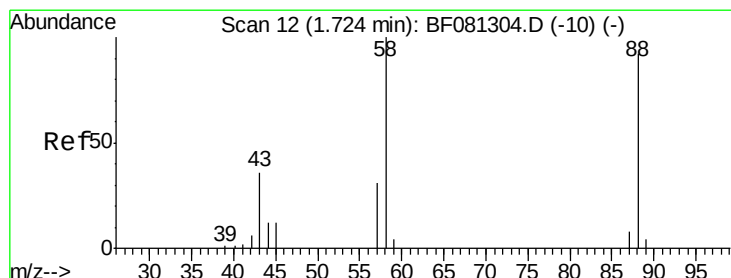
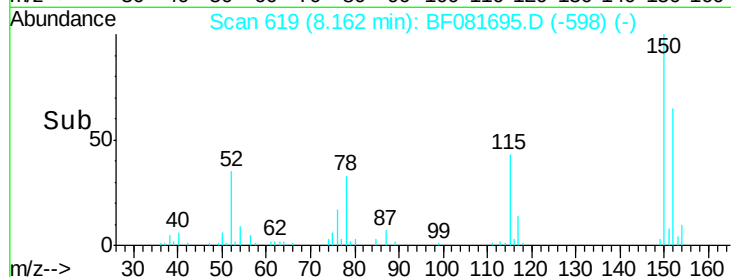
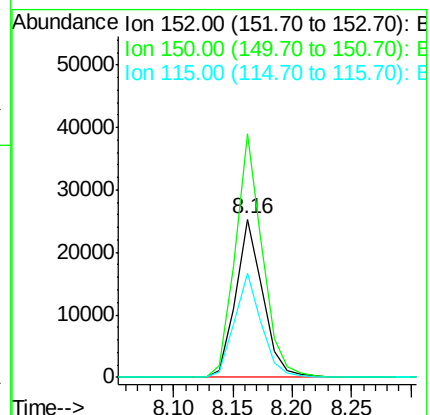
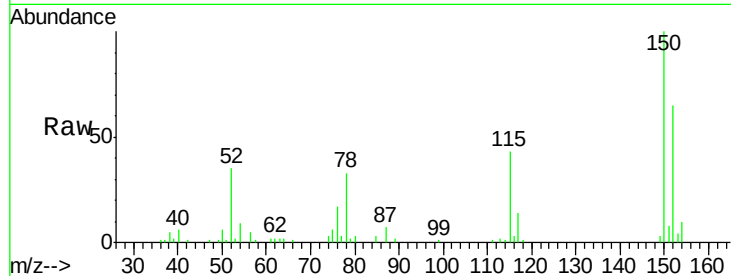
Tgt Ion:152 Resp: 40384

Ion Ratio Lower Upper

152 100

150 153.9 124.7 187.1

115 65.5 39.0 58.4#



#2

1,4-Dioxane

Concen: 51.49 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

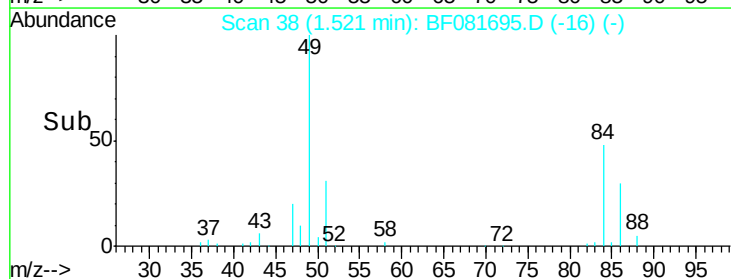
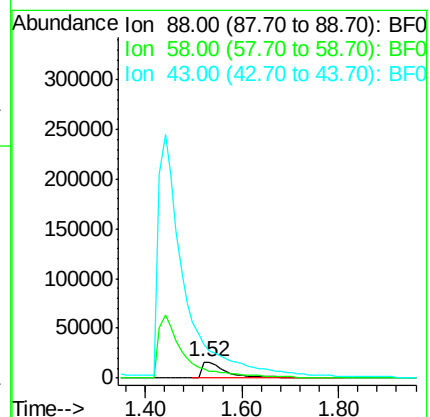
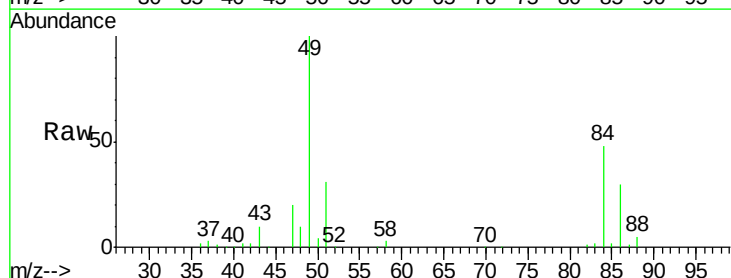
Tgt Ion: 88 Resp: 60196

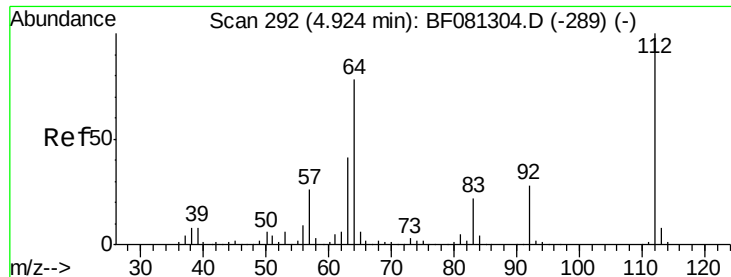
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 102.09 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85607BL

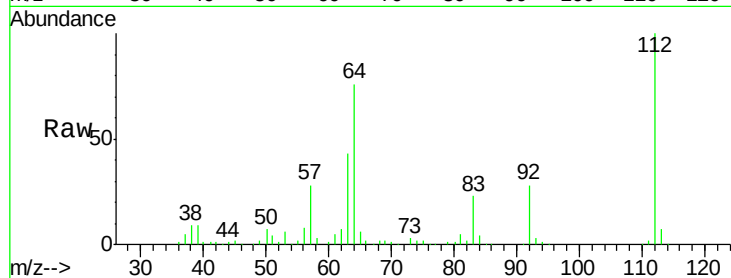
Tgt Ion: 112 Resp: 265727

Ion Ratio Lower Upper

112 100

64 76.5 39.7 59.5#

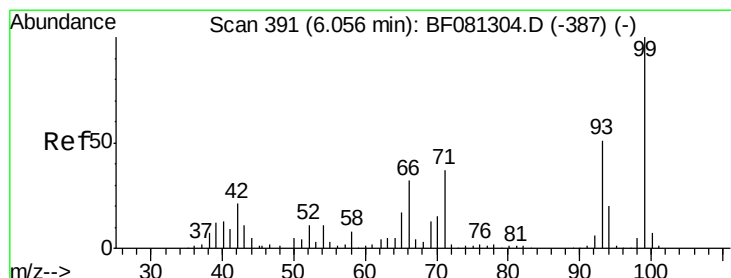
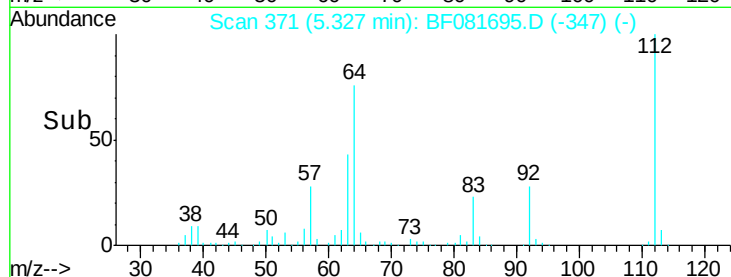
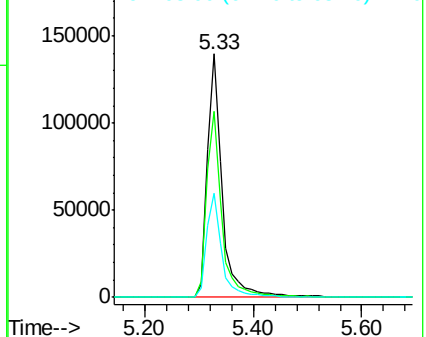
63 42.8 17.4 26.0#



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: 107.67 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

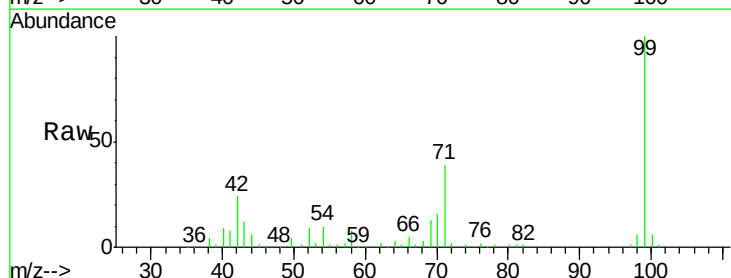
Tgt Ion: 99 Resp: 370976

Ion Ratio Lower Upper

99 100

42 23.8 13.7 20.5#

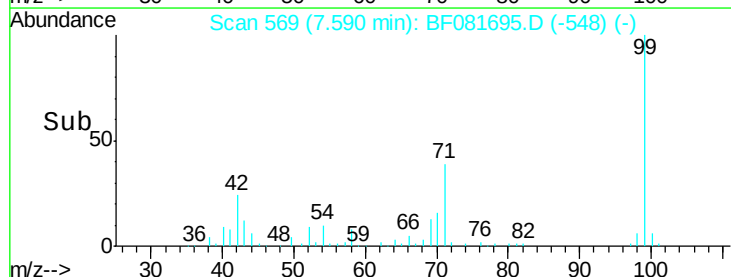
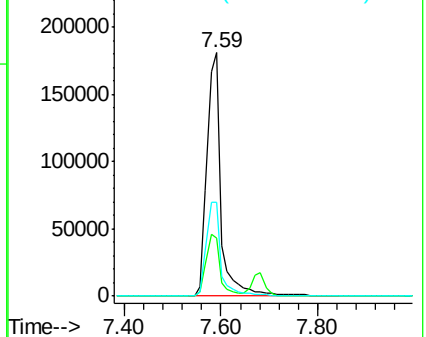
71 38.7 14.2 21.2#

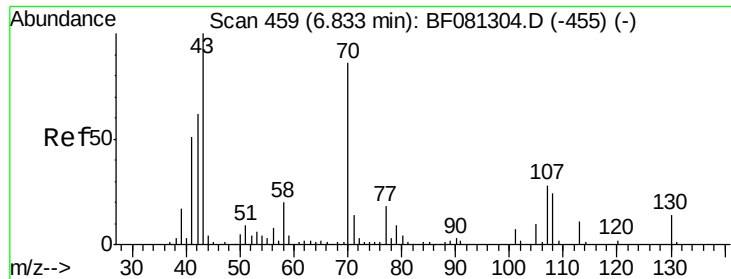


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

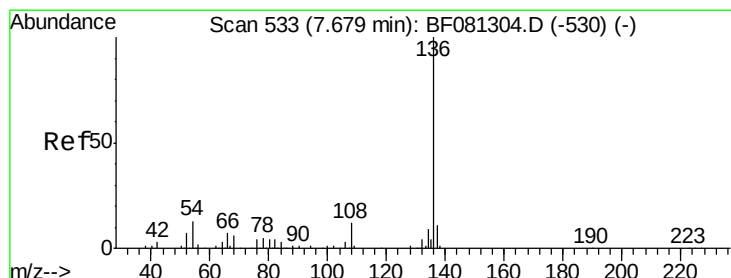
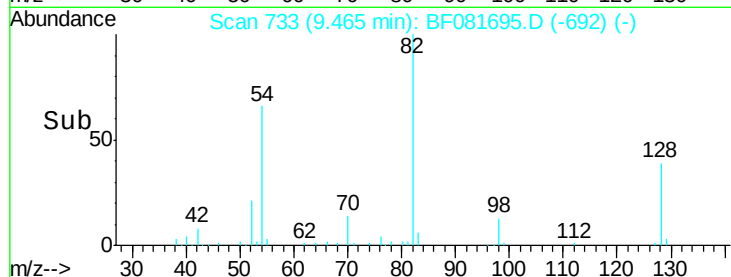
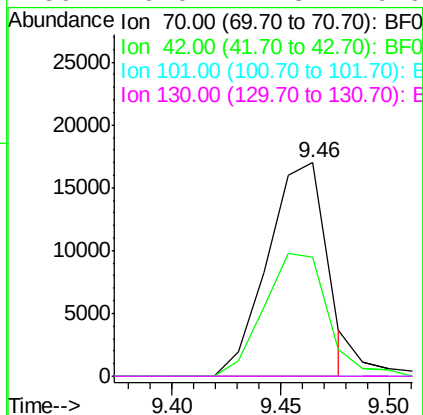
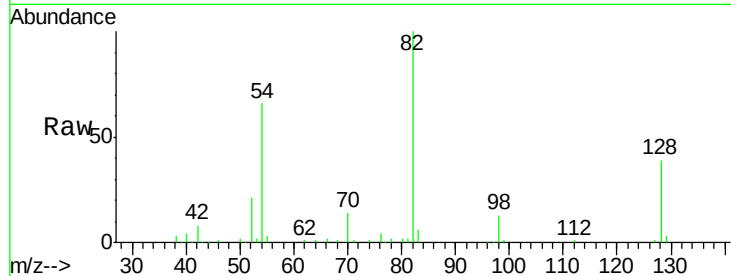




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081695.D
Acq: 18 Sep 2015 13:43

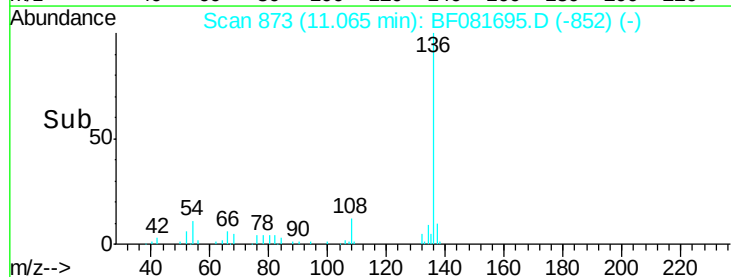
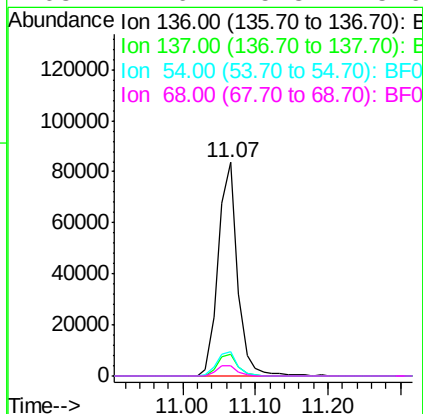
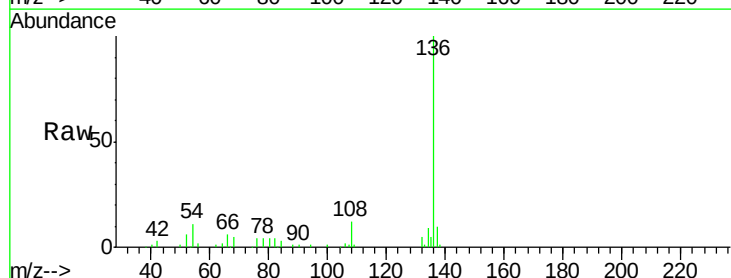
Instrument :
BNA_F
ClientSampleId :
PB85607BL

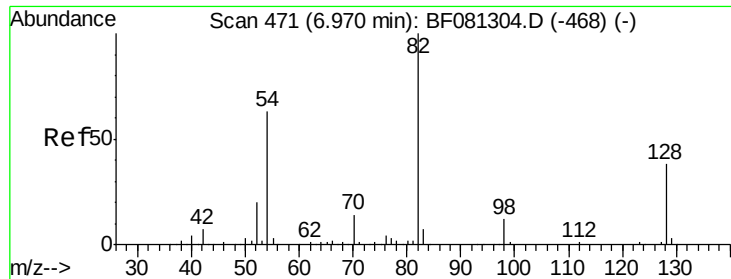
Tgt Ion: 70 Resp: 32105
Ion Ratio Lower Upper
70 100
42 56.0 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.07 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081695.D
Acq: 18 Sep 2015 13:43

Tgt Ion: 136 Resp: 155145
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.6
54 11.2 8.2 12.2
68 4.6 5.8 8.6#

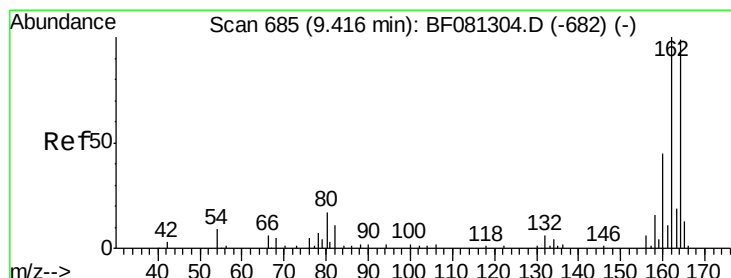
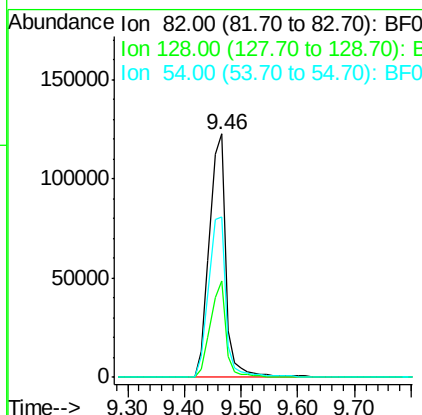
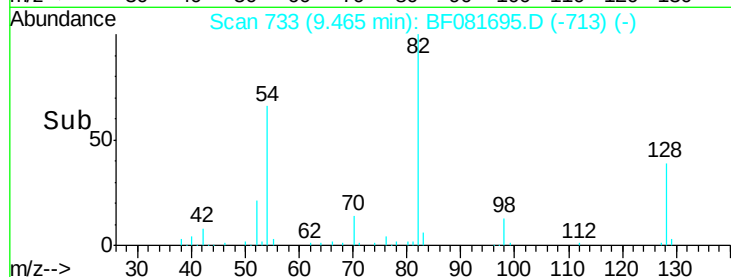
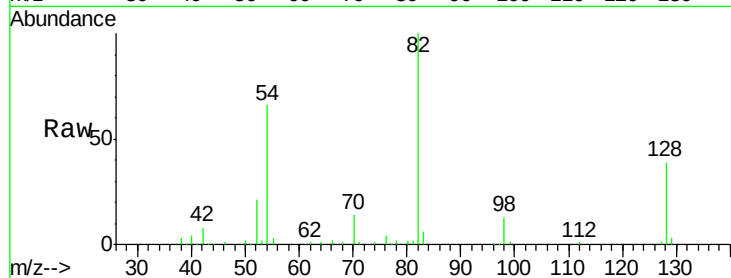




#23
 Nitrobenzene-d5
 Concen: 76.10 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081695.D
 Acq: 18 Sep 2015 13:43

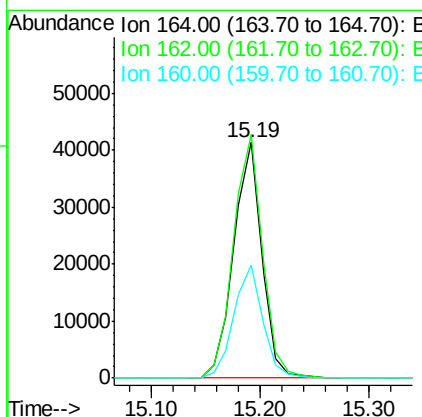
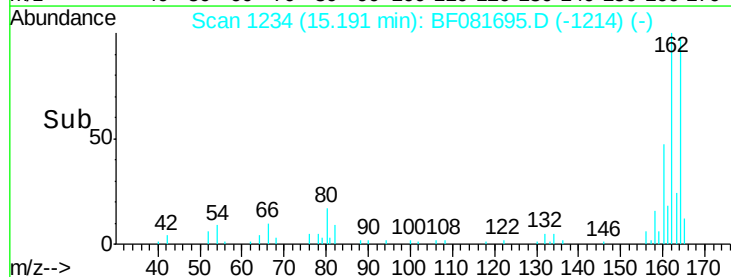
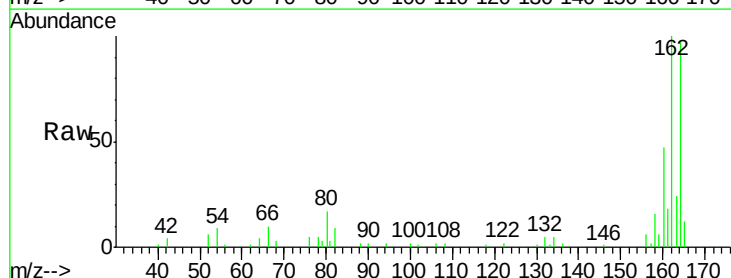
Instrument :
 BNA_F
 ClientSampleId :
 PB85607BL

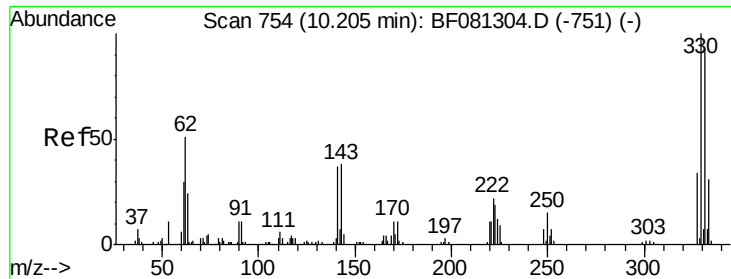
Tgt Ion: 82 Resp: 244702
 Ion Ratio Lower Upper
 82 100
 128 39.4 51.0 76.6#
 54 65.7 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081695.D
 Acq: 18 Sep 2015 13:43

Tgt Ion: 164 Resp: 74014
 Ion Ratio Lower Upper
 164 100
 162 103.4 75.2 112.8
 160 48.2 31.5 47.3#

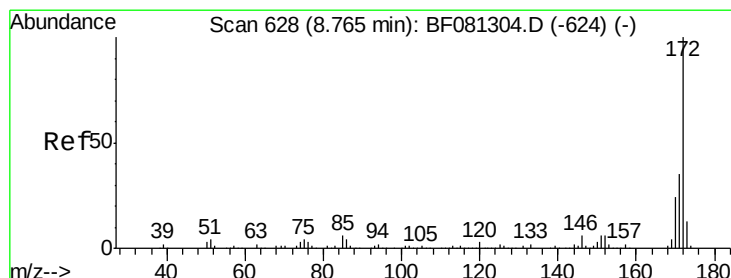
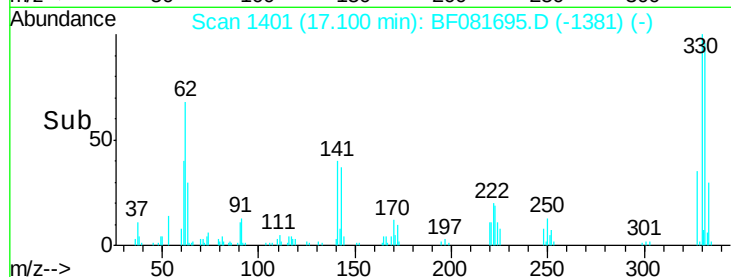
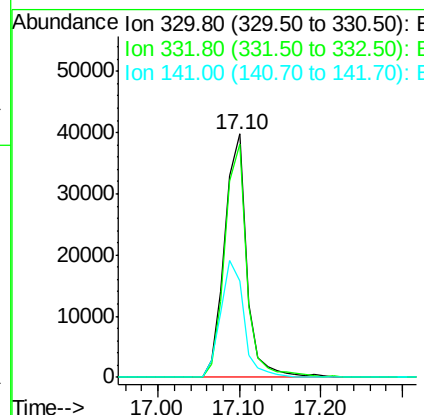
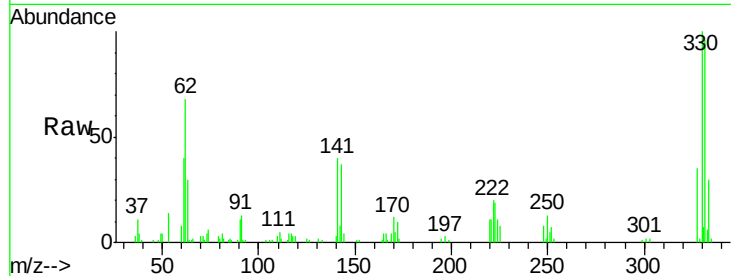




#41
 2,4,6-Tribromophenol
 Concen: 114.06 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081695.D
 Acq: 18 Sep 2015 13:43

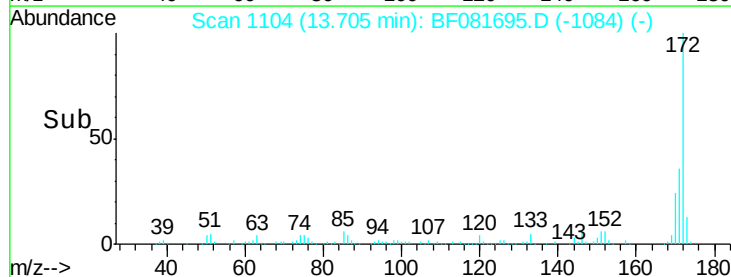
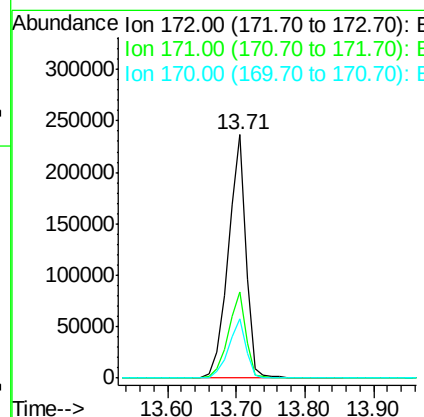
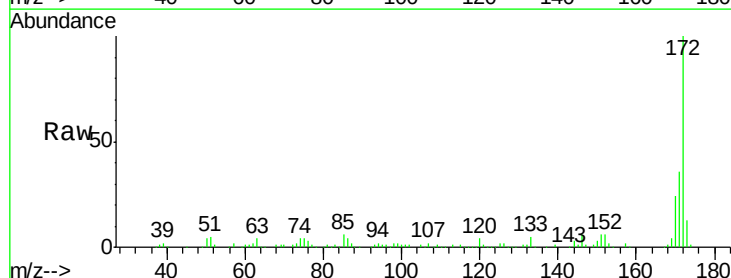
Instrument :
 BNA_F
 ClientSampleId :
 PB85607BL

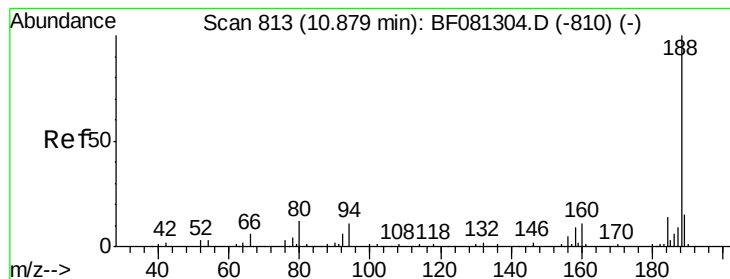
Tgt Ion:330 Resp: 75169
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 50.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081695.D
 Acq: 18 Sep 2015 13:43

Tgt Ion:172 Resp: 432724
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.1 17.4 26.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85607BL

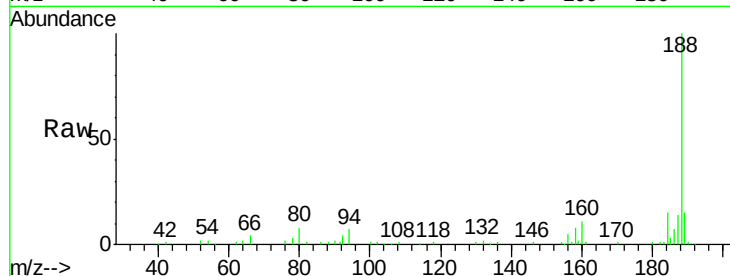
Tgt Ion:188 Resp: 162644

Ion Ratio Lower Upper

188 100

94 7.1 11.1 16.7#

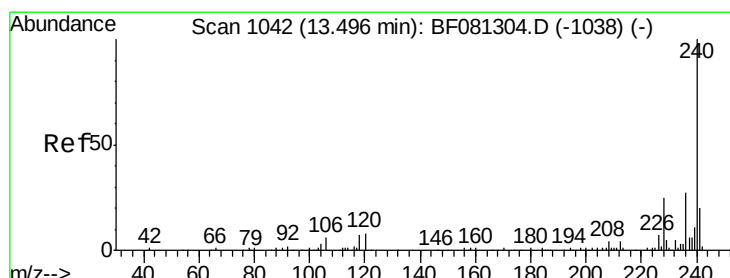
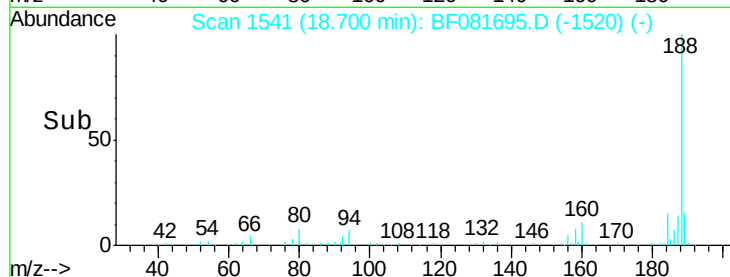
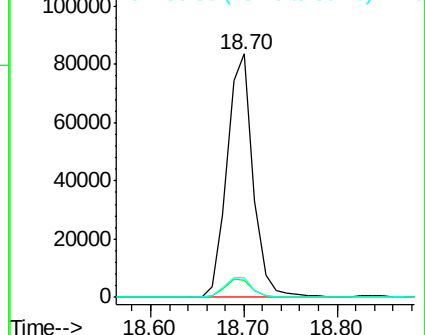
80 8.3 11.0 16.4#



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: 23.34 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

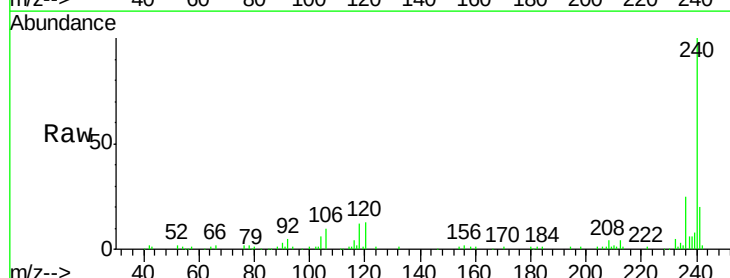
Tgt Ion:240 Resp: 135536

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

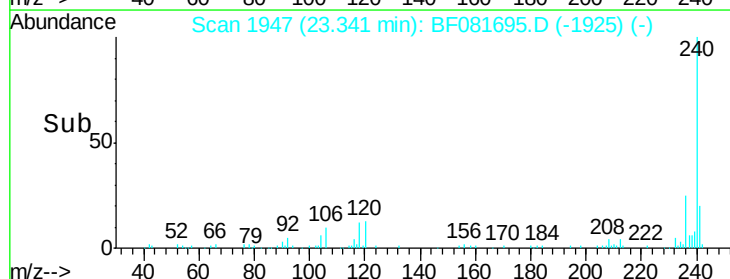
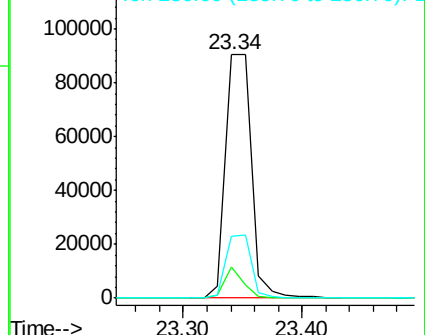
236 25.4 18.4 27.6

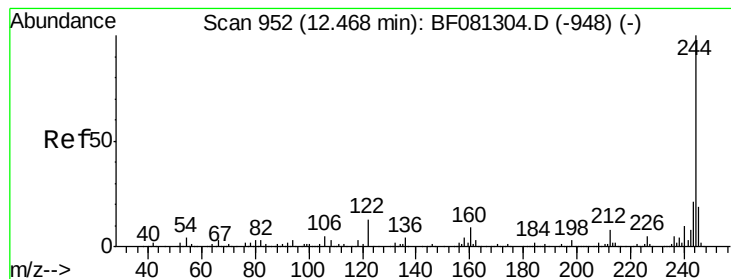


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.52 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

Instrument :

BNA_F

ClientSampleId :

PB85607BL

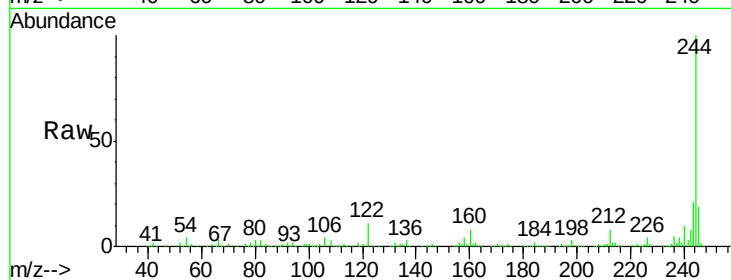
Tgt Ion:244 Resp: 451333

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

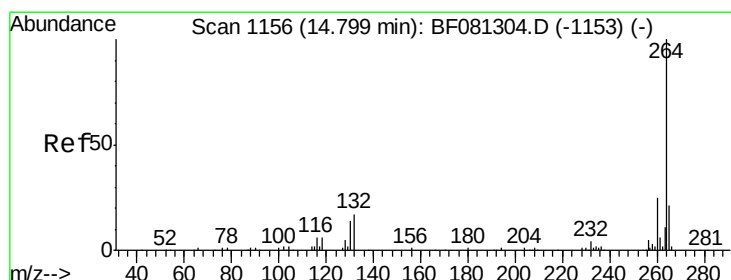
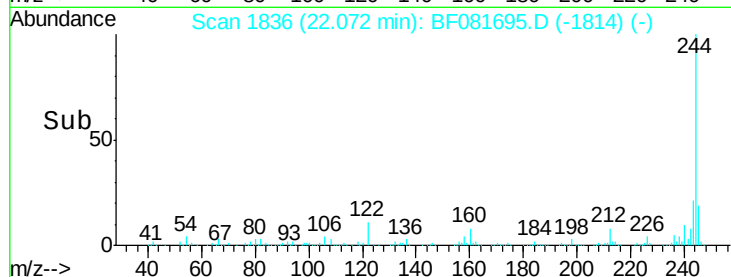
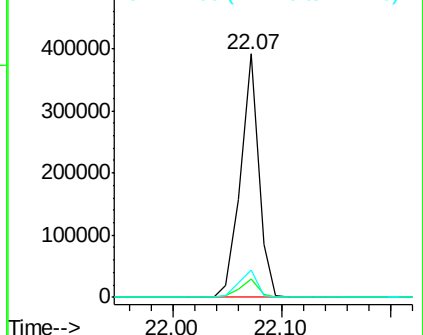
122 11.5 17.4 26.2#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081695.D

Acq: 18 Sep 2015 13:43

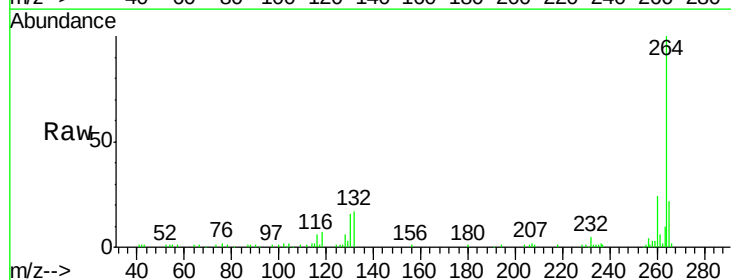
Tgt Ion:264 Resp: 85862

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 21.9 17.2 25.8



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

