

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081720.D
 Acq On : 21 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3717-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

Quant Time: Sep 22 01:02:58 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

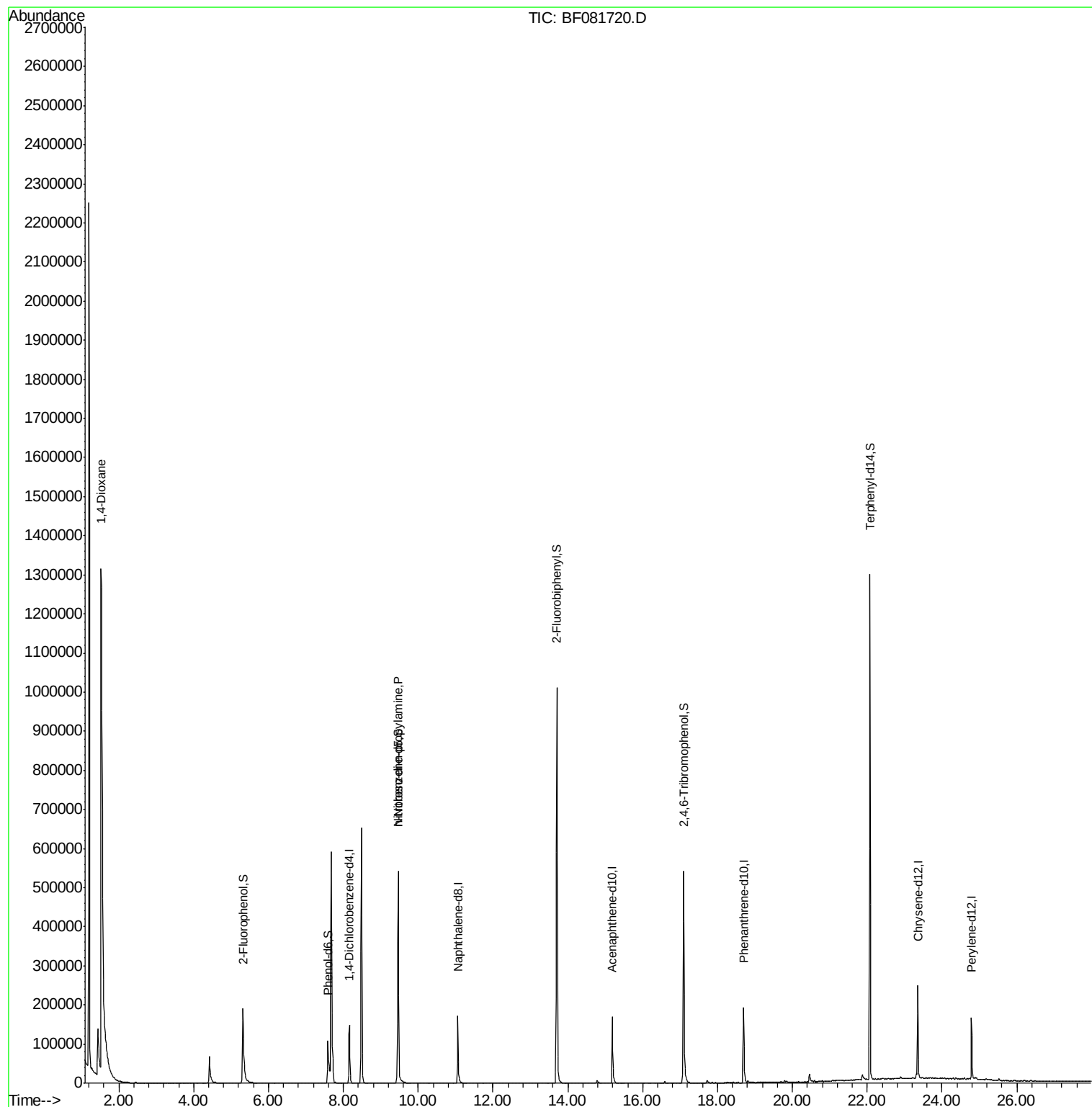
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40939	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	162282	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	73594	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	152802	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	123187	20.00	ng	-0.03
86) Perylene-d12	24.78	264	87616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	127334	48.26	ng	-0.03
7) Phenol-d6	7.59	99	106531	30.50	ng	-0.06
23) Nitrobenzene-d5	9.46	82	326824	97.17	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	107146	163.51	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	601224	104.69	ng	-0.07
78) Terphenyl-d14	22.07	244	529549	100.07	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	88319	74.53	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	40211	16.92	ng	# 66

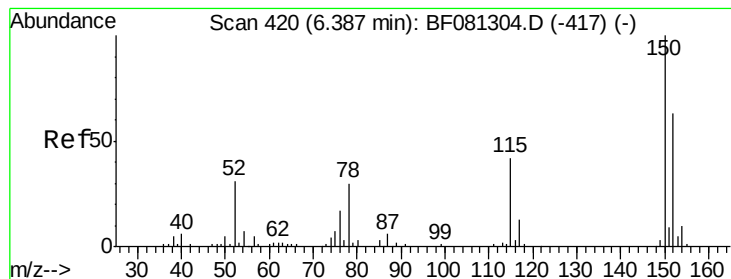
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081720.D

Acq: 21 Sep 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

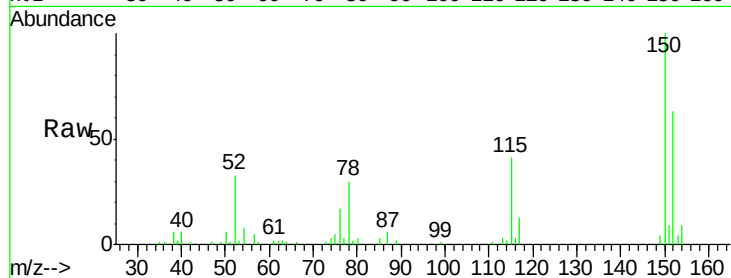
Tgt Ion:152 Resp: 40939

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

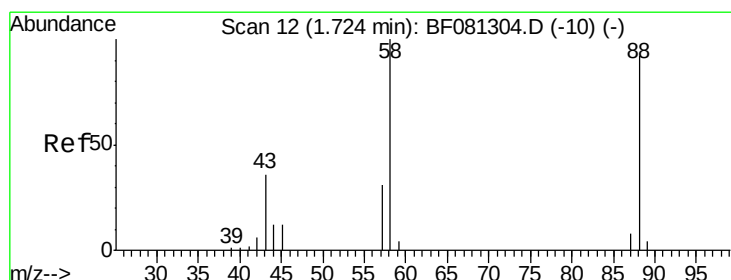
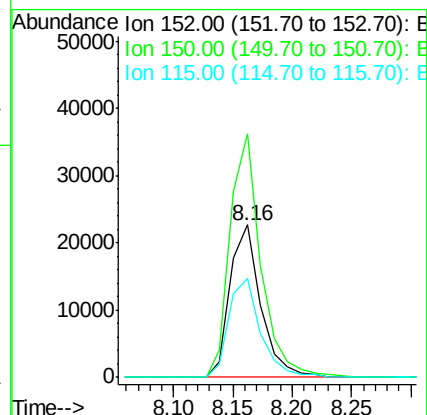
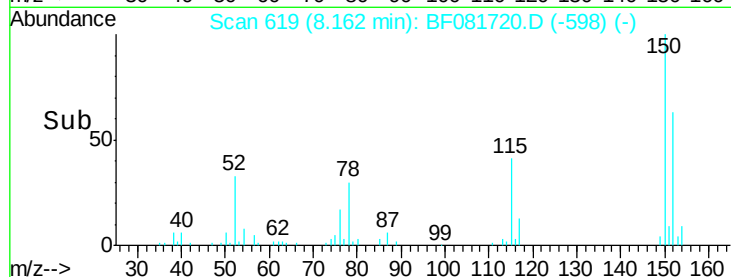
115 65.3 39.0 58.4#



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: 74.53 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

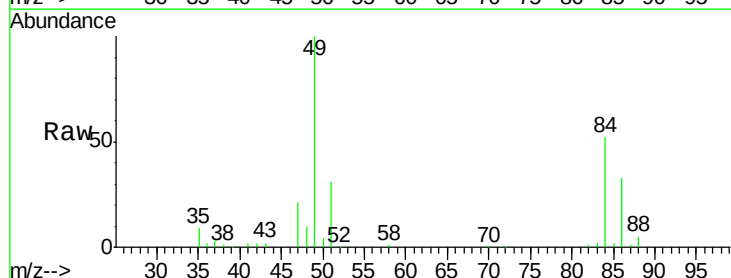
Tgt Ion: 88 Resp: 88319

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

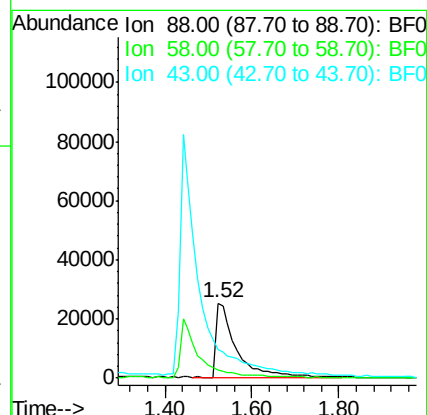
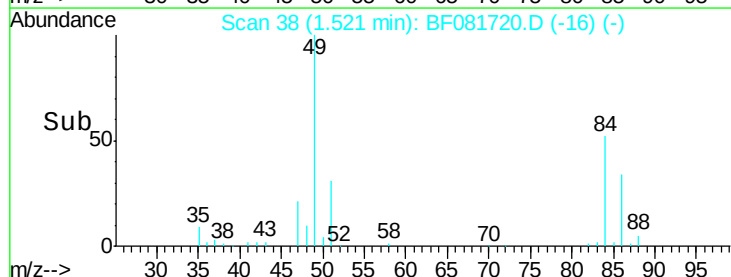
43 0.0 26.6 40.0#

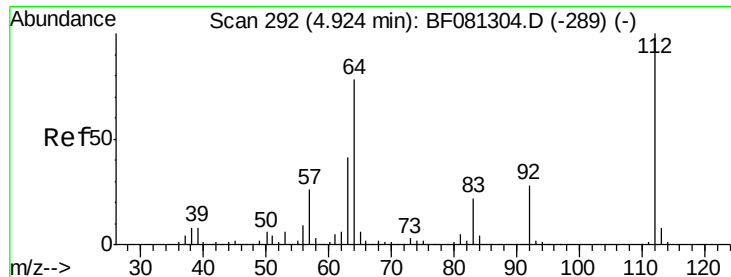


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 48.26 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

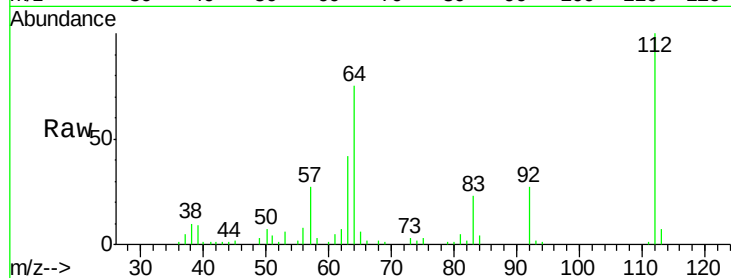
Tgt Ion: 112 Resp: 127334

Ion Ratio Lower Upper

112 100

64 74.7 39.7 59.5#

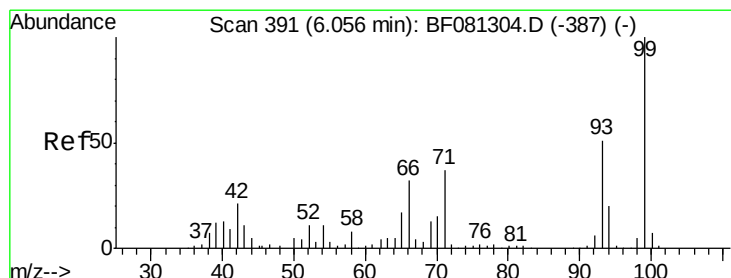
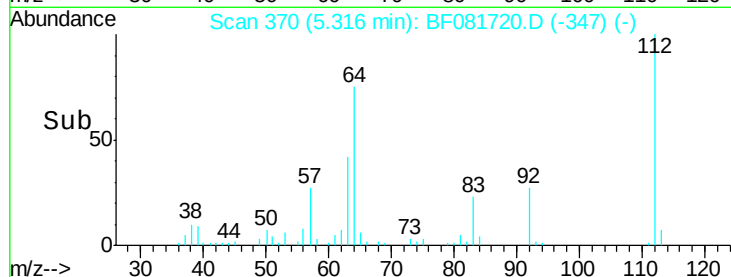
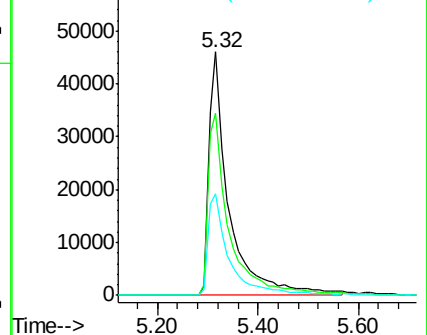
63 41.7 17.4 26.0#



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: 30.50 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

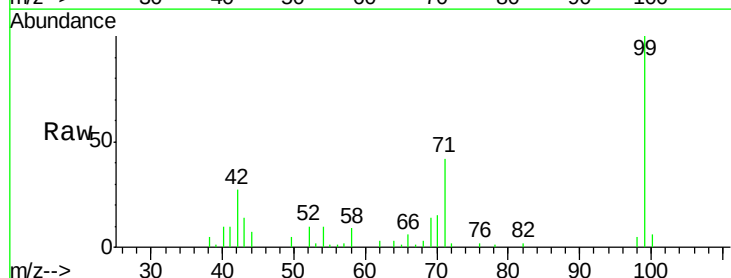
Tgt Ion: 99 Resp: 106531

Ion Ratio Lower Upper

99 100

42 27.3 13.7 20.5#

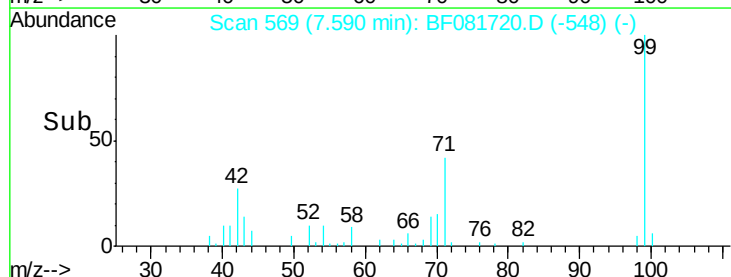
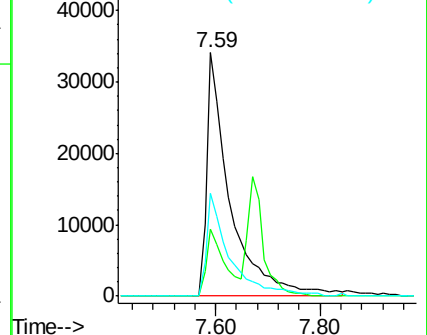
71 42.3 14.2 21.2#

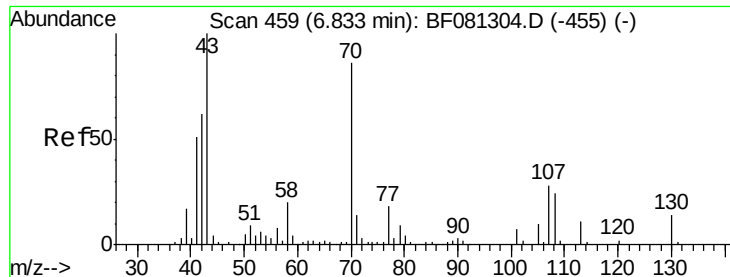


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

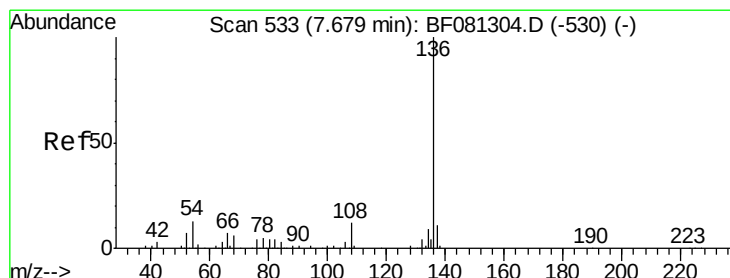
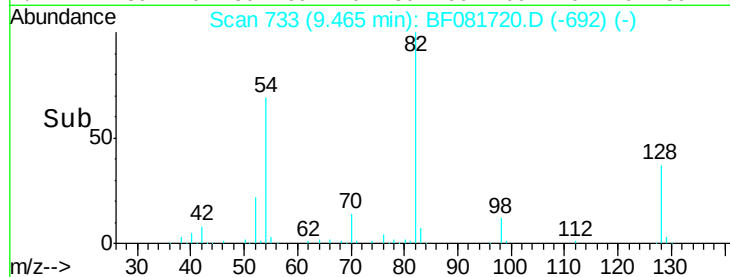
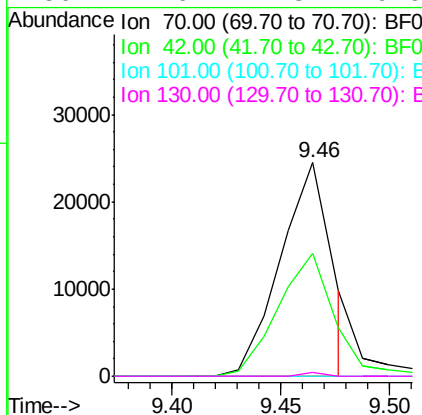
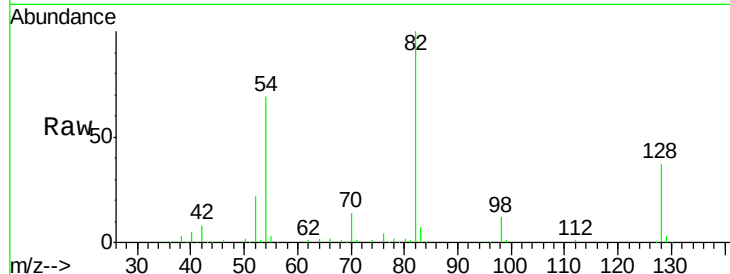




#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081720.D
Acq: 21 Sep 2015 18:28

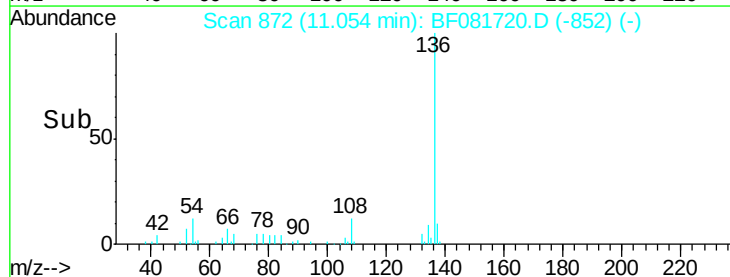
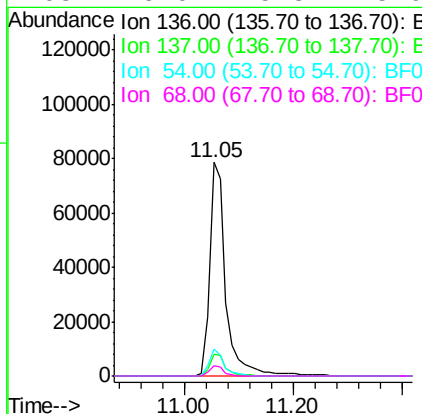
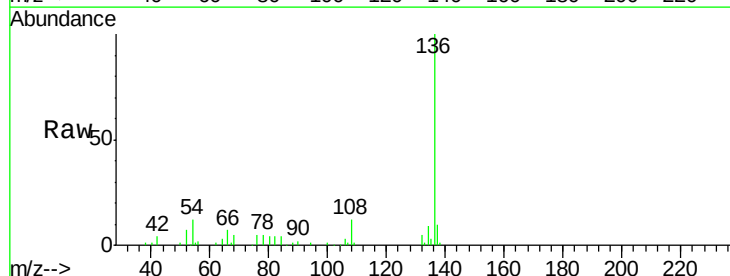
Instrument :
BNA_F
ClientSampleId :
MW-9-9-16-15

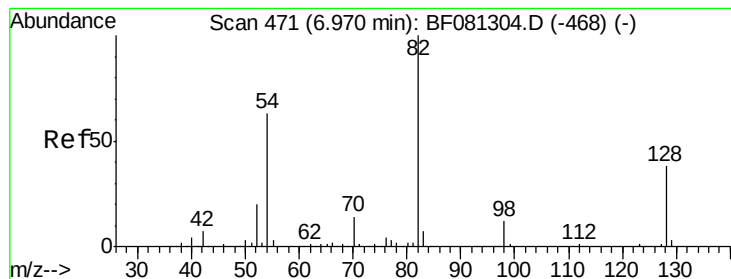
Tgt Ion: 70 Resp: 40211
Ion Ratio Lower Upper
70 100
42 57.8 63.8 95.6#
101 0.0 9.2 13.8#
130 1.6 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081720.D
Acq: 21 Sep 2015 18:28

Tgt Ion: 136 Resp: 162282
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 12.3 8.2 12.2#
68 5.0 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 97.17 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

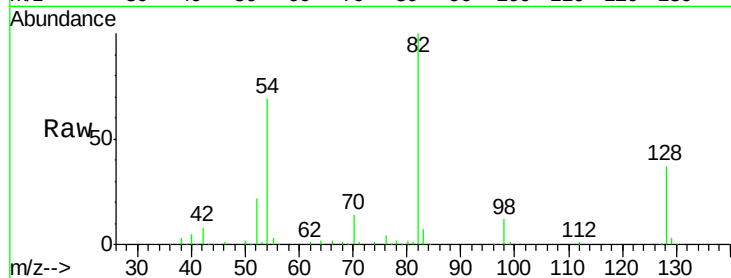
Tgt Ion: 82 Resp: 326824

Ion Ratio Lower Upper

82 100

128 36.9 51.0 76.6#

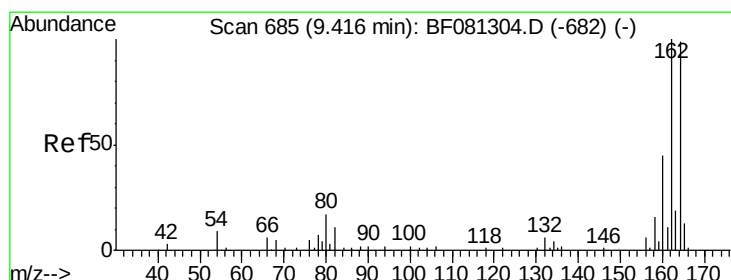
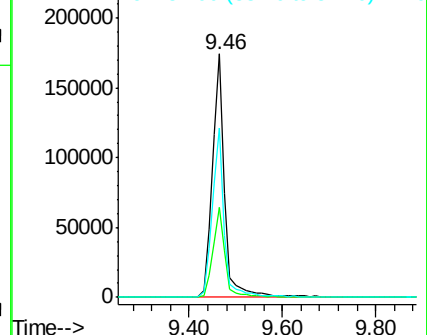
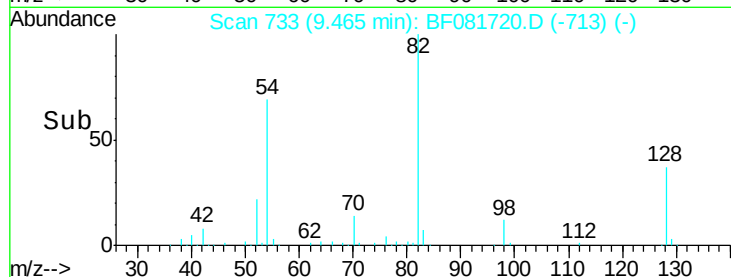
54 69.4 47.5 71.3



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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

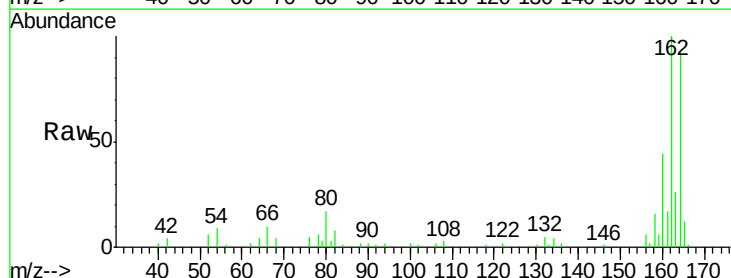
Tgt Ion: 164 Resp: 73594

Ion Ratio Lower Upper

164 100

162 108.3 75.2 112.8

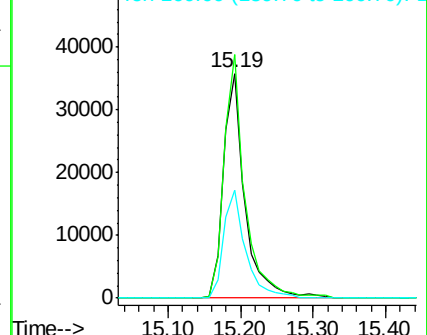
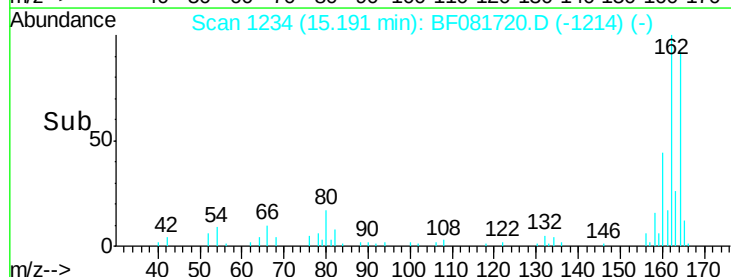
160 48.1 31.5 47.3#

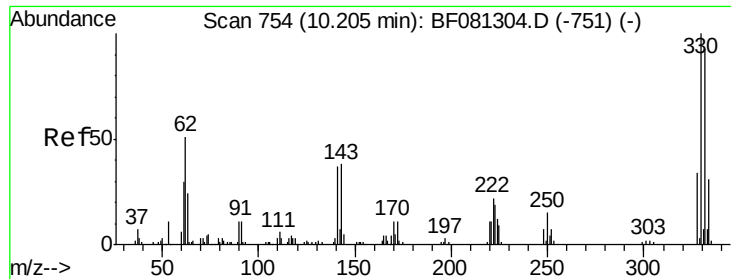


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

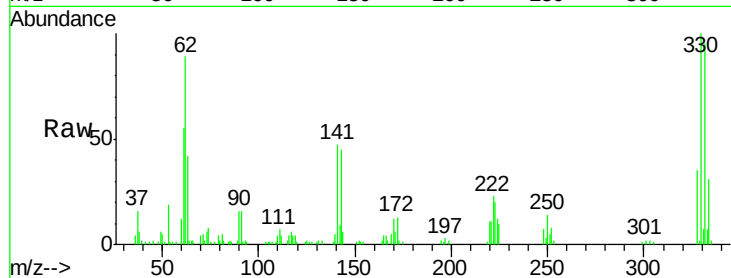




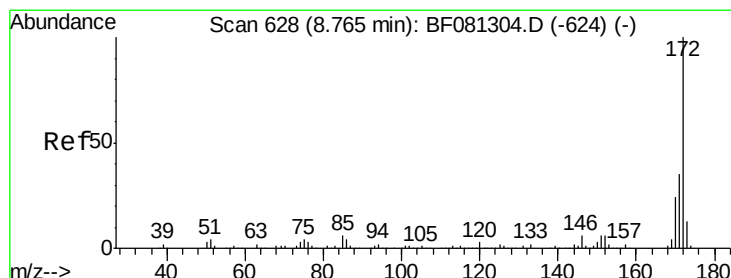
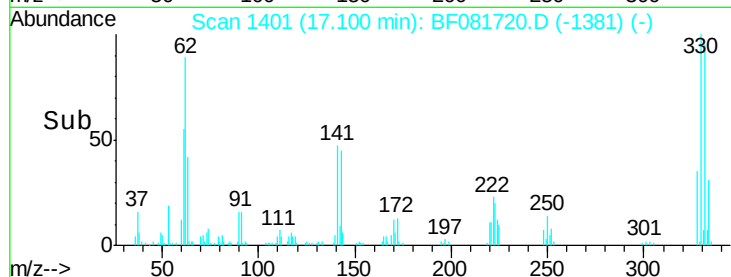
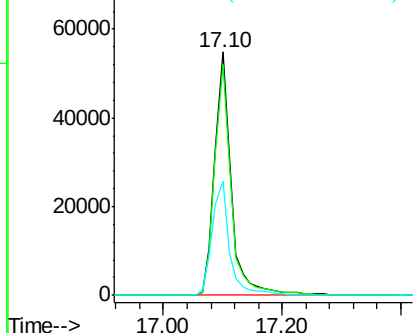
#41
 2,4,6-Tribromophenol
 Concen: 163.51 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081720.D
 Acq: 21 Sep 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

Tgt Ion:330 Resp: 107146
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 49.0 29.7 44.5#

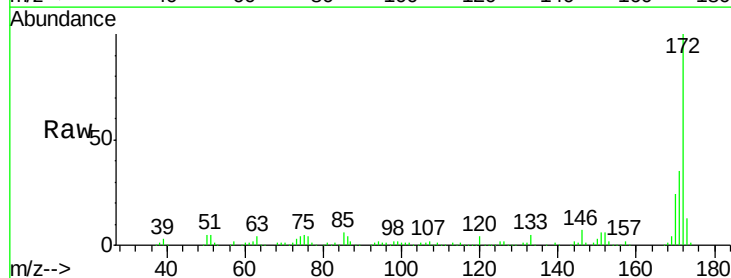


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

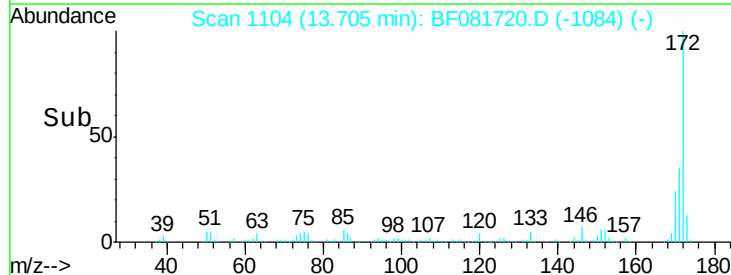
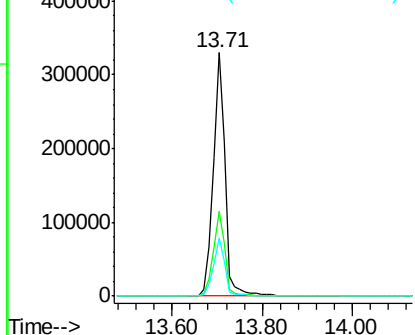


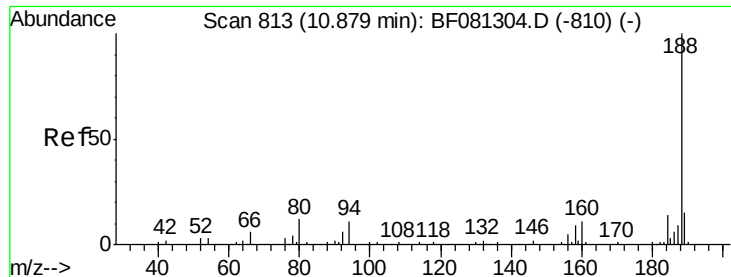
#44
 2-Fluorobiphenyl
 Concen: 104.69 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081720.D
 Acq: 21 Sep 2015 18:28

Tgt Ion:172 Resp: 601224
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.1 39.1
 170 23.8 17.4 26.2



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

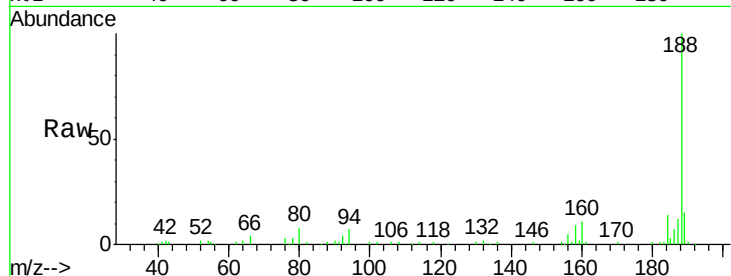




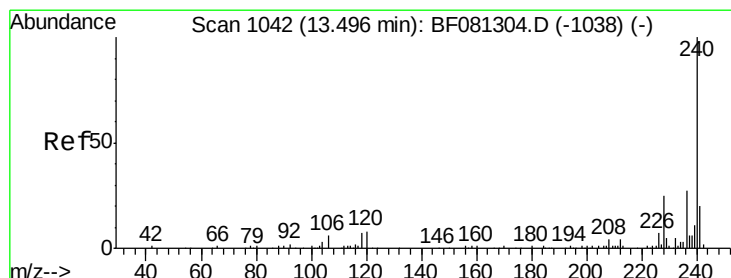
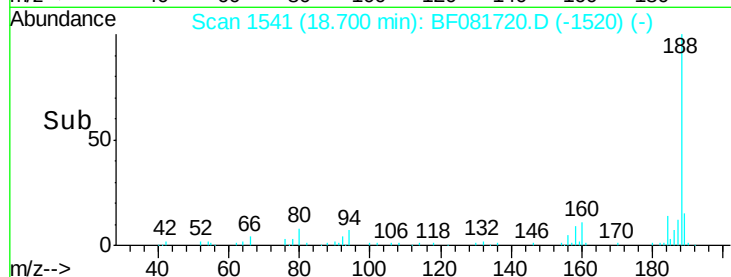
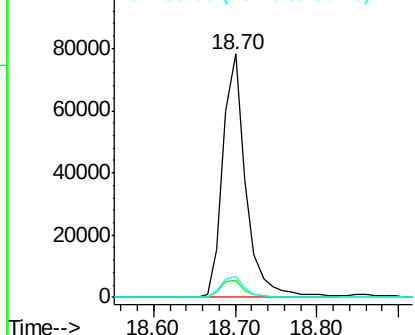
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081720.D
Acq: 21 Sep 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-9-9-16-15

Tgt Ion:188 Resp: 152802
Ion Ratio Lower Upper
188 100
94 7.0 11.1 16.7#
80 8.4 11.0 16.4#

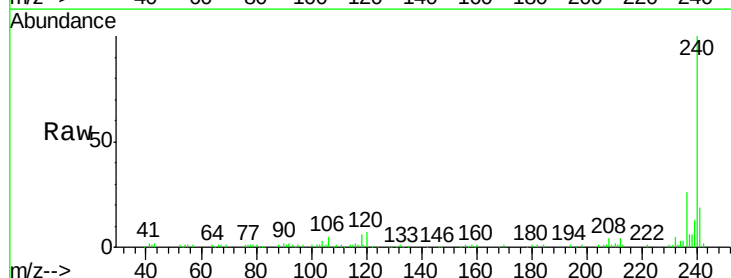


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

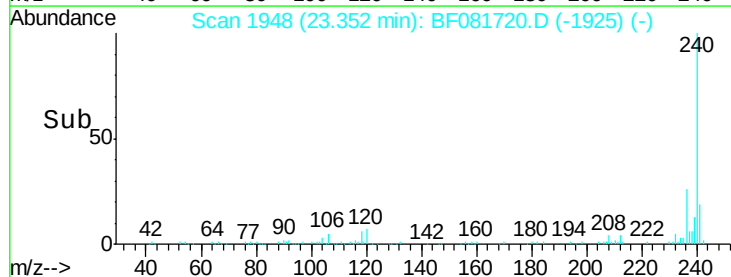
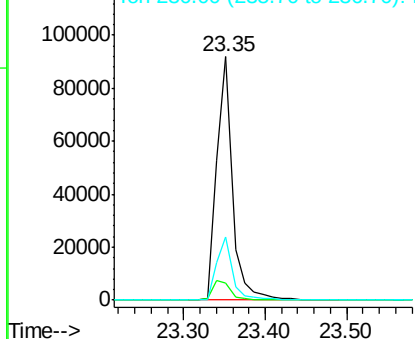


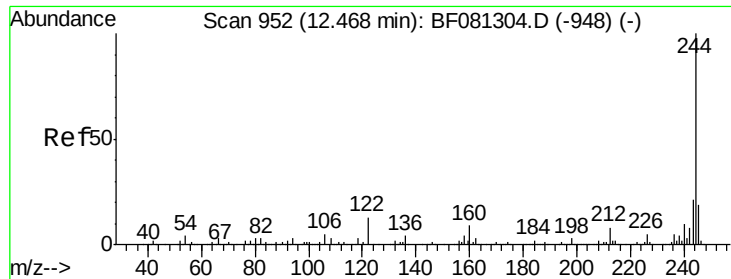
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081720.D
Acq: 21 Sep 2015 18:28

Tgt Ion:240 Resp: 123187
Ion Ratio Lower Upper
240 100
120 7.1 16.2 24.2#
236 25.8 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: 100.07 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081720.D

Acq: 21 Sep 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

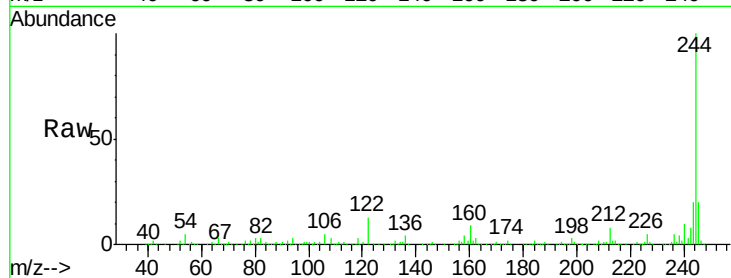
Tgt Ion:244 Resp: 529549

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

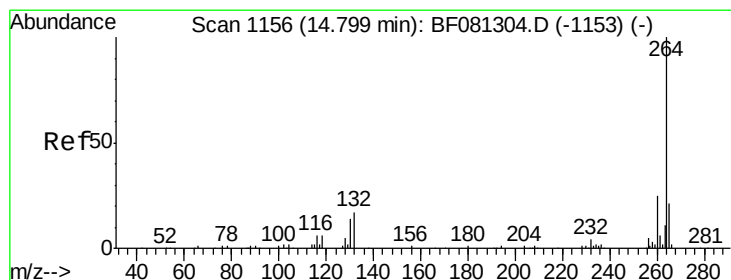
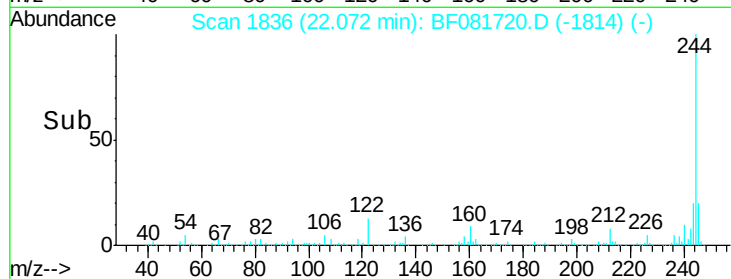
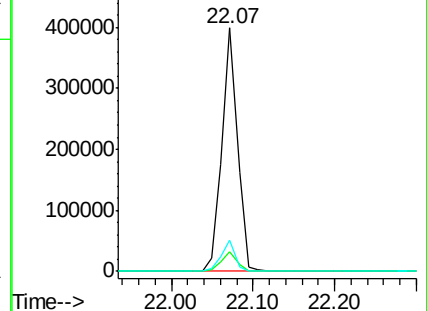
122 12.7 17.4 26.2#



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: BF081720.D

Acq: 21 Sep 2015 18:28

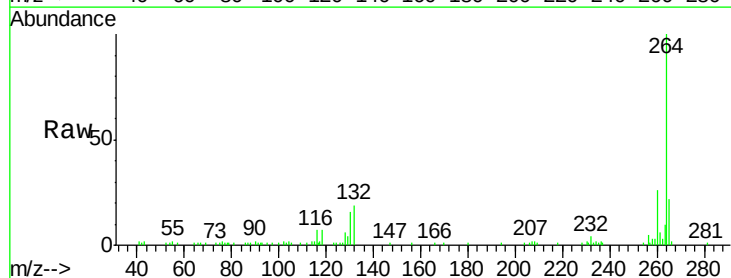
Tgt Ion:264 Resp: 87616

Ion Ratio Lower Upper

264 100

260 25.9 16.7 25.1#

265 22.3 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

