

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081743.D
 Acq On : 22 Sep 2015 16:54
 Operator : UM/IZ
 Sample : G3663-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Sep 22 17:43:50 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

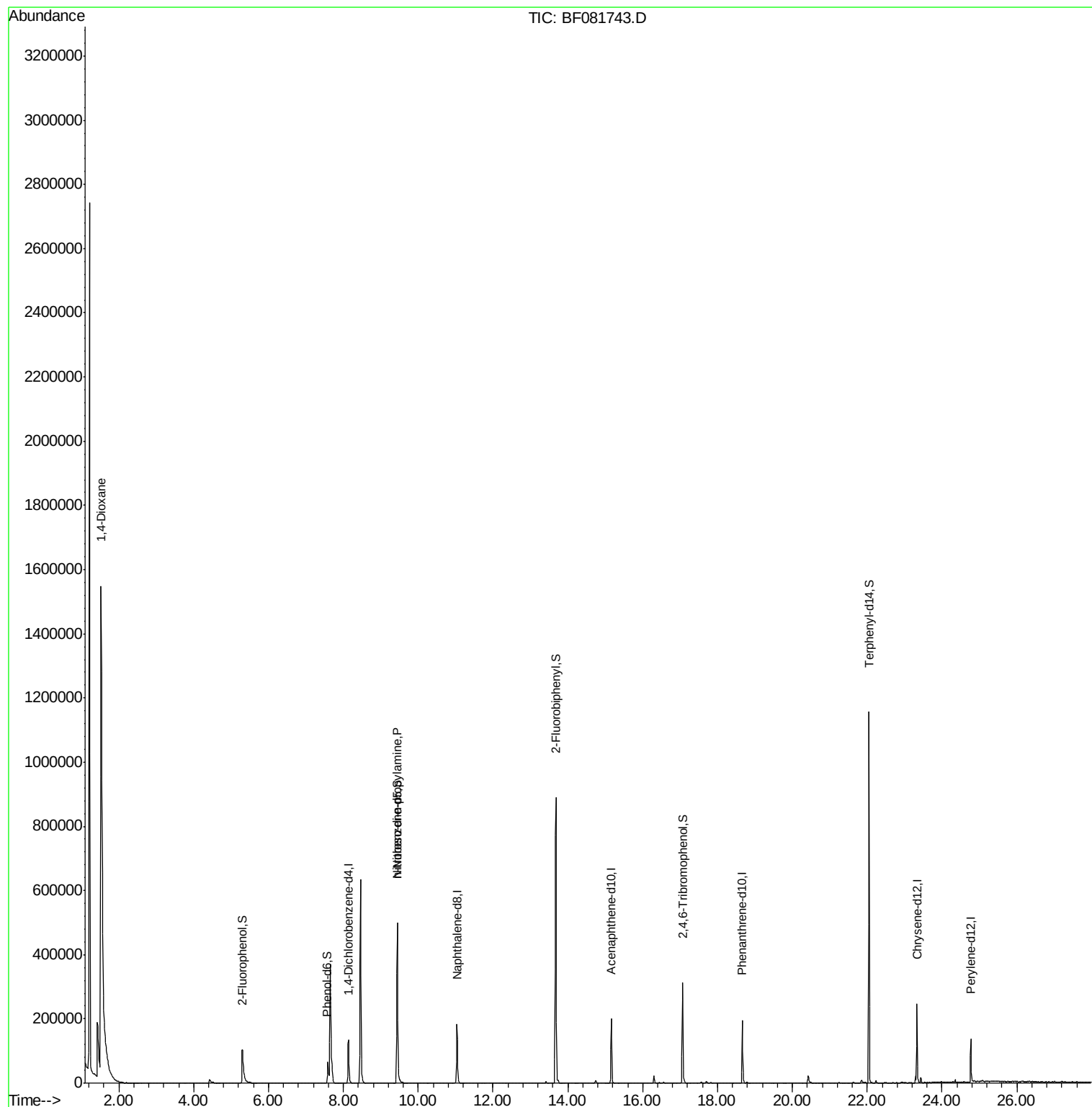
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39218	20.00	ng	-0.08
21) Naphthalene-d8	11.03	136	159480	20.00	ng	-0.09
38) Acenaphthene-d10	15.16	164	76026	20.00	ng	-0.10
63) Phenanthrene-d10	18.67	188	152145	20.00	ng	-0.09
75) Chrysene-d12	23.33	240	114178	20.00	ng	-0.06
86) Perylene-d12	24.77	264	72002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	83759	33.14	ng	-0.04
7) Phenol-d6	7.58	99	72460	21.66	ng	-0.07
23) Nitrobenzene-d5	9.44	82	298684	90.36	ng	-0.09
41) 2,4,6-Tribromophenol	17.07	330	59788	88.32	ng	-0.10
44) 2-Fluorobiphenyl	13.68	172	537312	90.57	ng	-0.09
78) Terphenyl-d14	22.05	244	431889	88.05	ng	-0.07
Target Compounds						
2) 1,4-Dioxane	1.52	88	101978	89.83	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	37350	16.40	ng	# 65

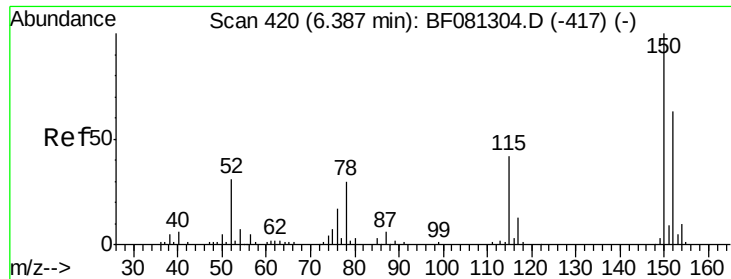
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 617

Delta R.T. -0.08 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

Instrument :

BNA_F

ClientSampleId :

GW-3

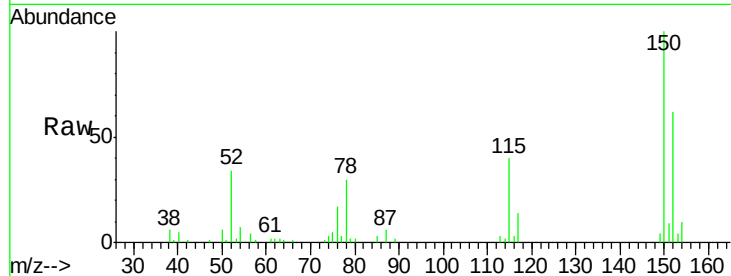
Tgt Ion:152 Resp: 39218

Ion Ratio Lower Upper

152 100

150 161.4 124.7 187.1

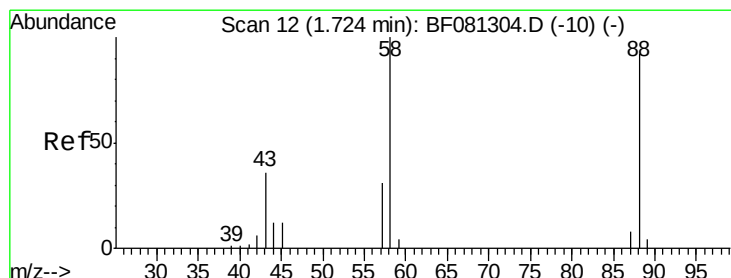
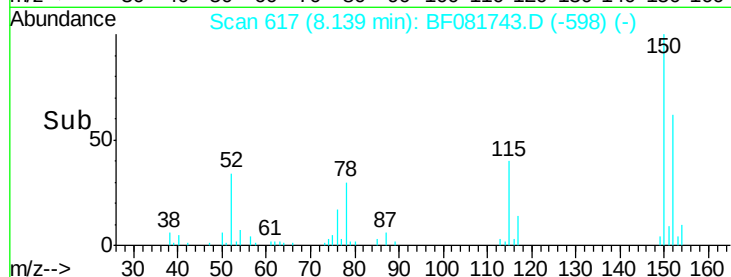
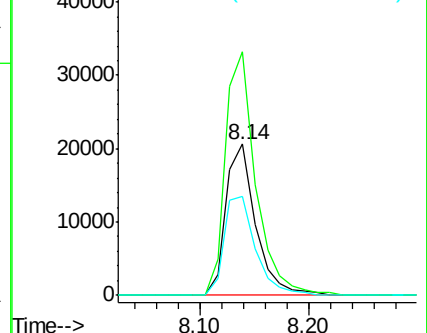
115 65.3 39.0 58.4#



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: 89.83 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

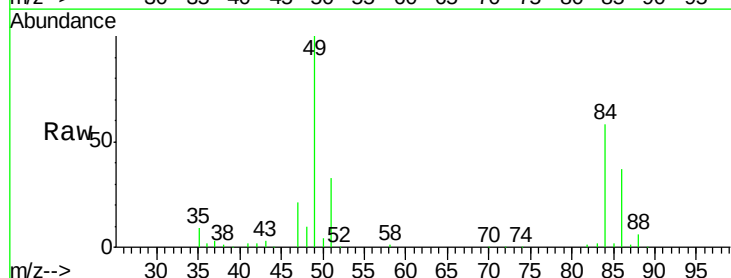
Tgt Ion: 88 Resp: 101978

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

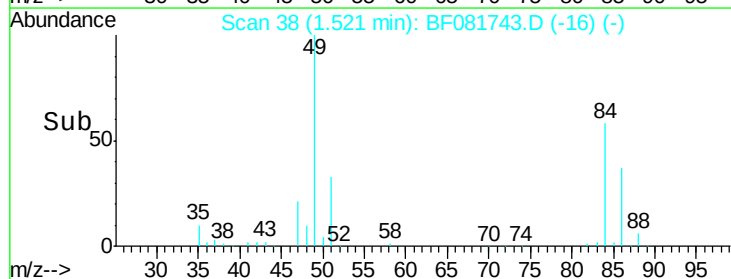
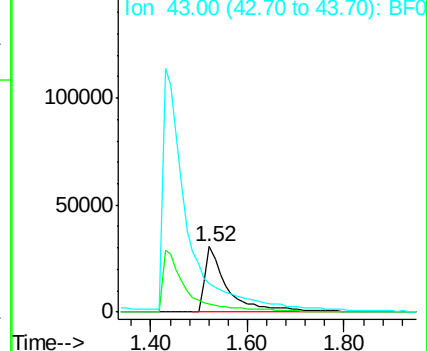
43 0.0 26.6 40.0#

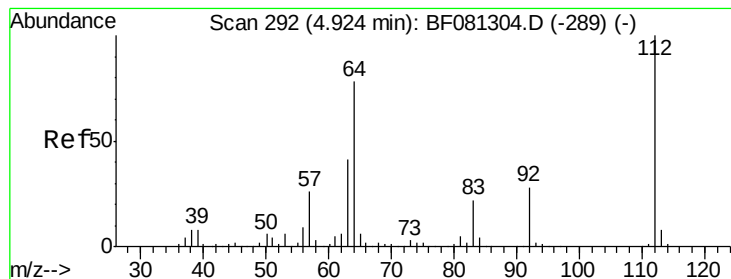


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 33.14 ng

RT: 5.30 min Scan# 369

Delta R.T. -0.04 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

Instrument :

BNA_F

ClientSampleId :

GW-3

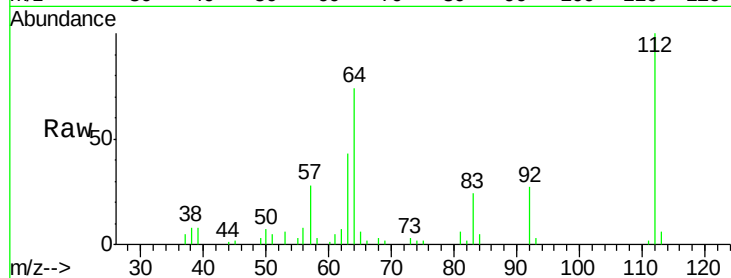
Tgt Ion: 112 Resp: 83759

Ion Ratio Lower Upper

112 100

64 73.7 39.7 59.5#

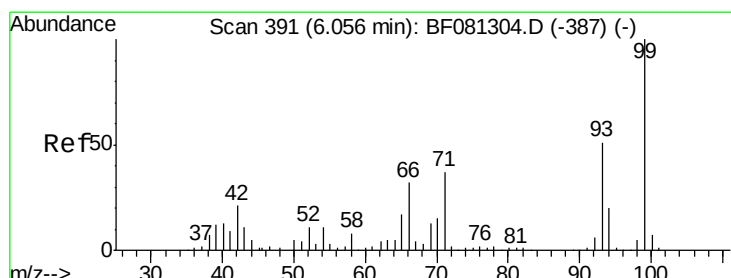
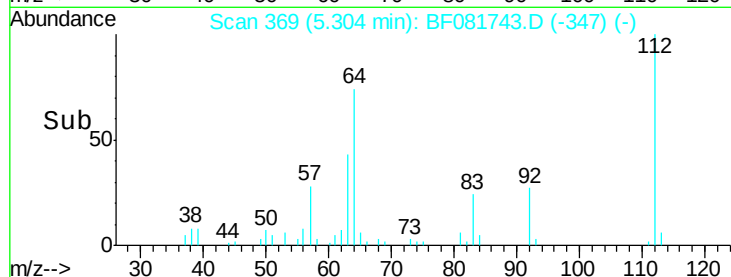
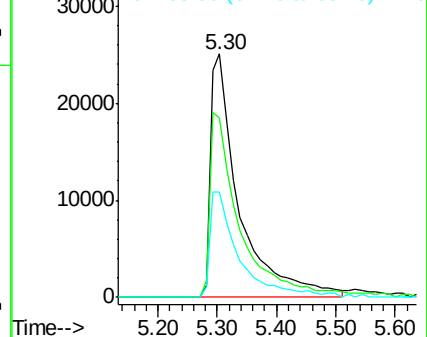
63 43.5 17.4 26.0#



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: 21.66 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

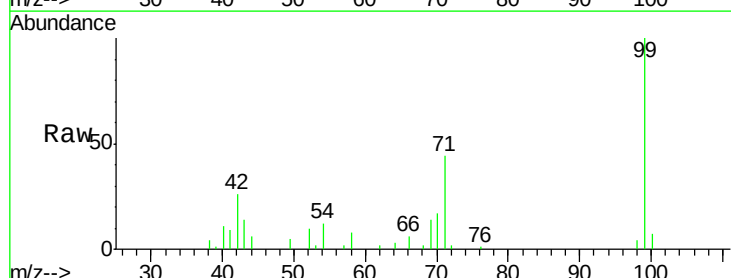
Tgt Ion: 99 Resp: 72460

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

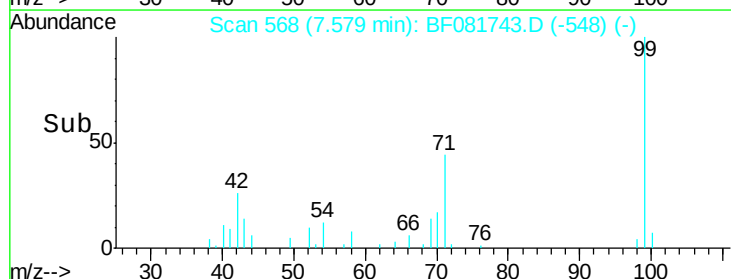
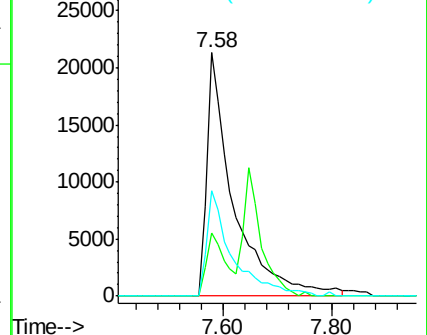
71 43.5 14.2 21.2#

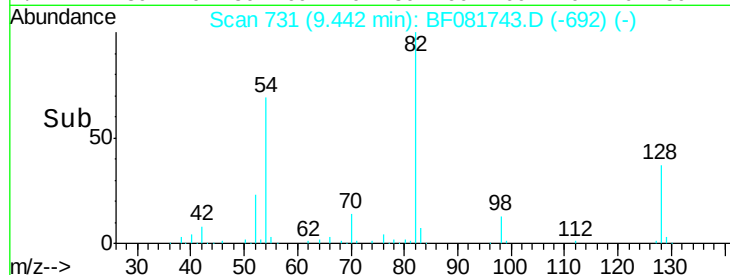
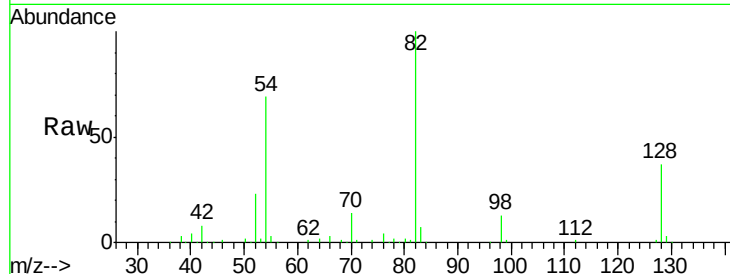
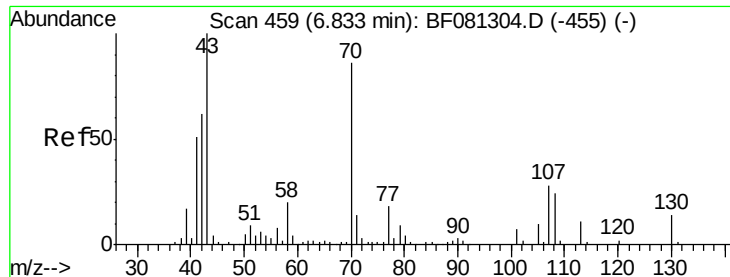


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

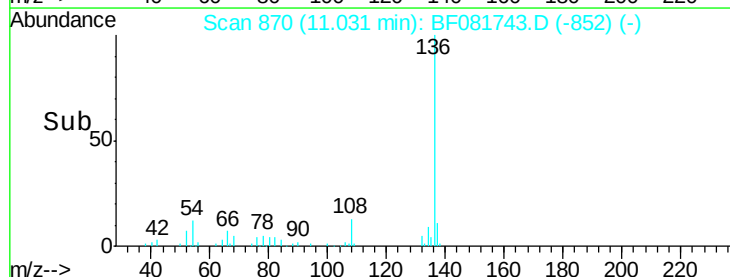
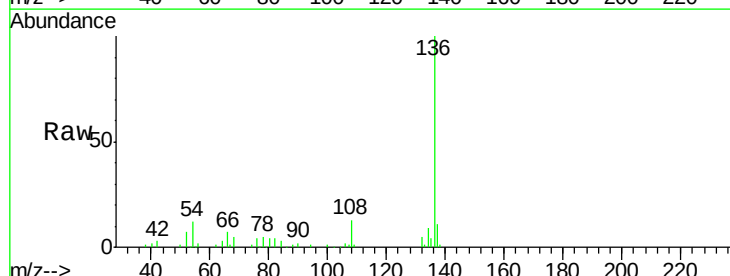
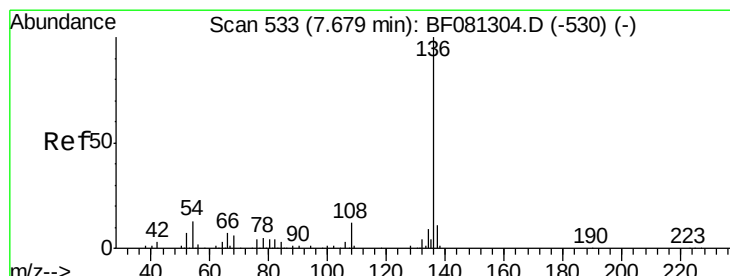
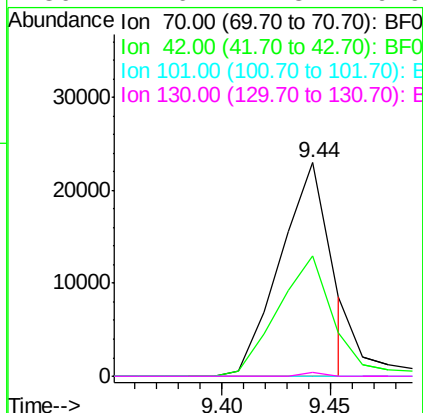




#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.15 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

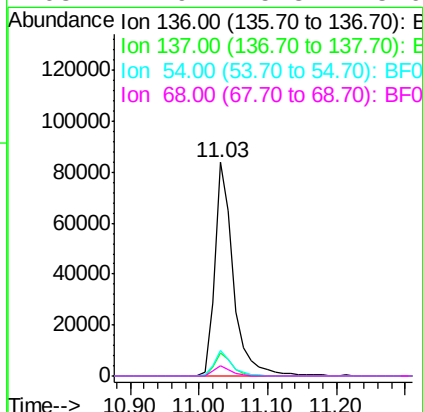
Instrument :
BNA_F
ClientSampleId :
GW-3

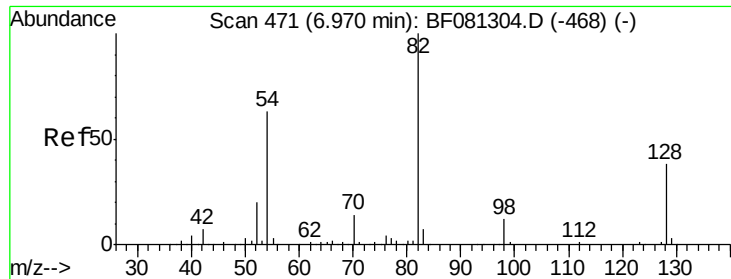
Tgt Ion:	70	Resp:	37350
Ion	Ratio	Lower	Upper
70	100		
42	56.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.6	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.09 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

Tgt Ion:	136	Resp:	159480
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	11.8	8.2	12.2
68	4.9	5.8	8.6#

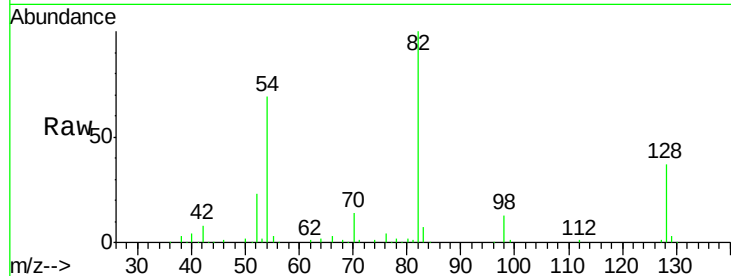




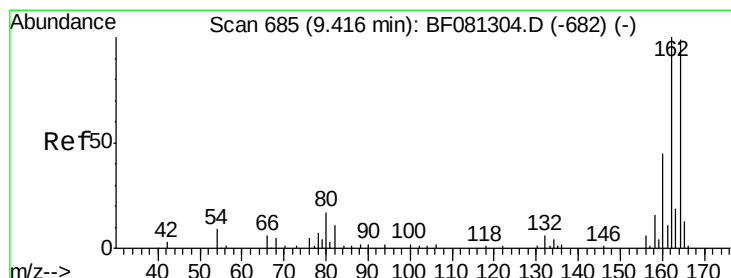
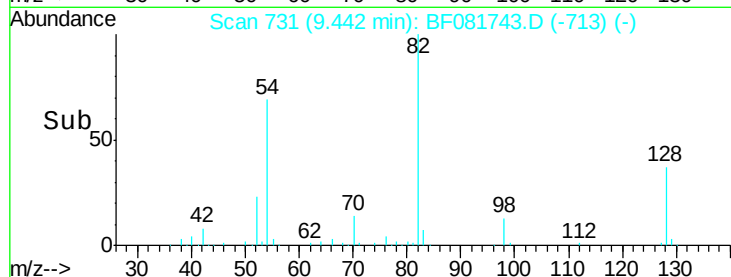
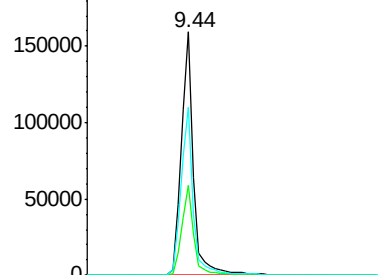
#23
 Nitrobenzene-d5
 Concen: 90.36 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.09 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Instrument :
 BNA_F
 ClientSampled :
 GW-3

Tgt Ion: 82 Resp: 298684
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 69.1 47.5 71.3

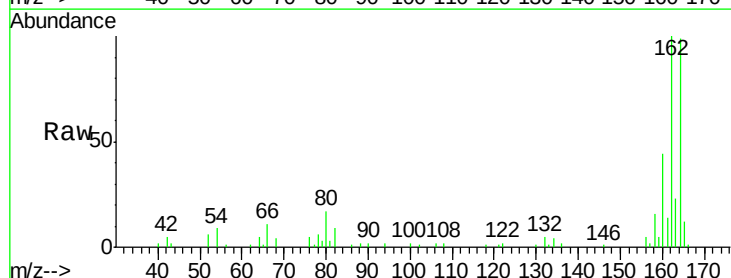


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

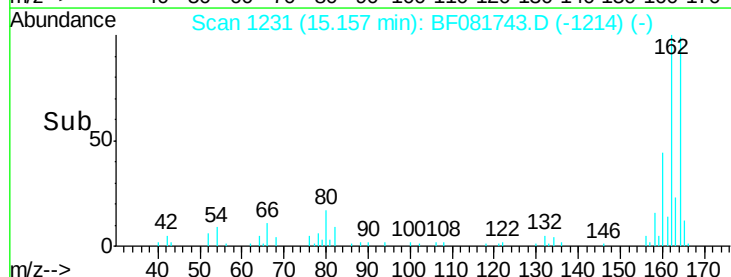
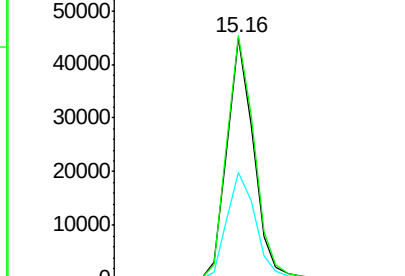


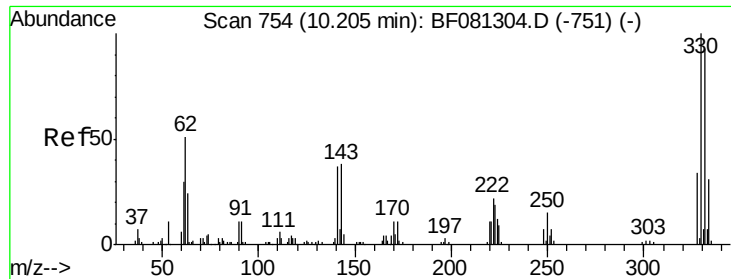
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.10 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion: 164 Resp: 76026
 Ion Ratio Lower Upper
 164 100
 162 100.9 75.2 112.8
 160 44.1 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

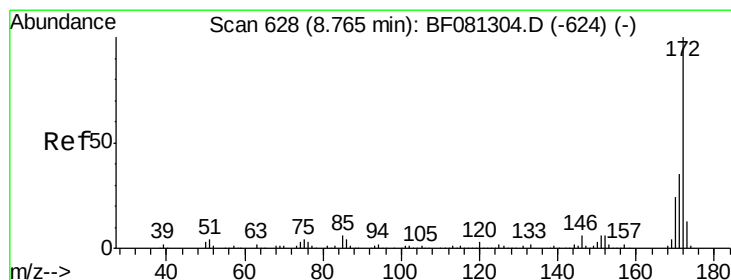
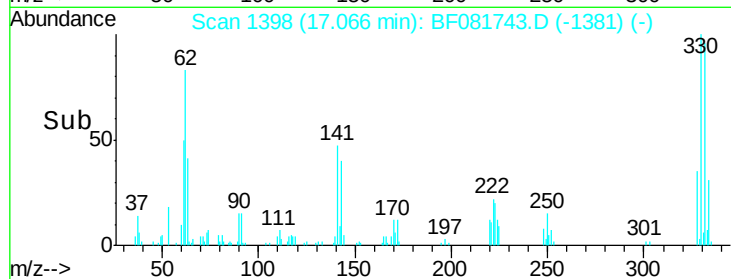
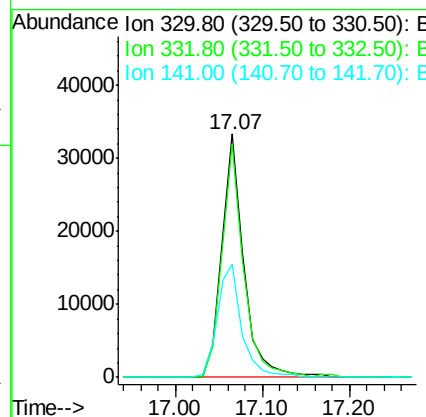
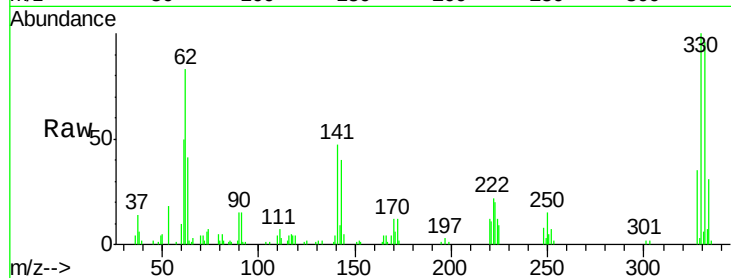




#41
 2,4,6-Tribromophenol
 Concen: 88.32 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.10 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

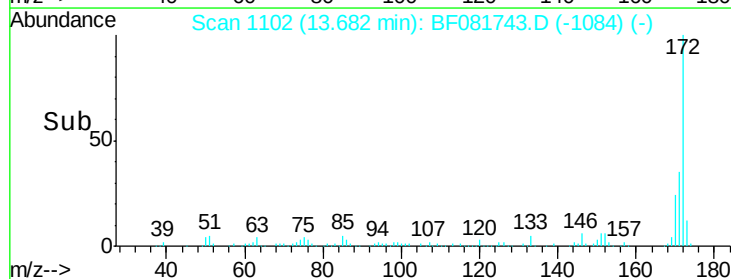
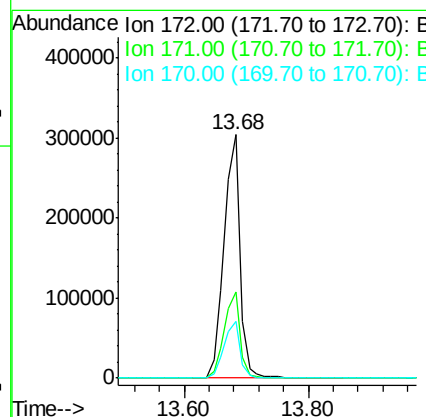
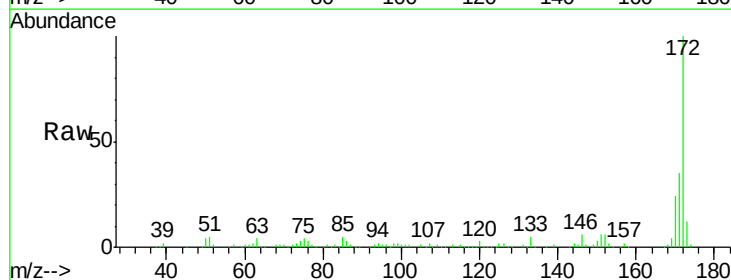
Instrument :
 BNA_F
 ClientSampleId :
 GW-3

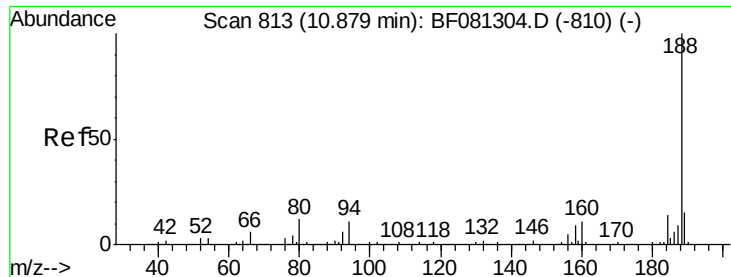
Tgt Ion:330 Resp: 59788
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 50.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 90.57 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.09 min
 Lab File: BF081743.D
 Acq: 22 Sep 2015 16:54

Tgt Ion:172 Resp: 537312
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.6 17.4 26.2

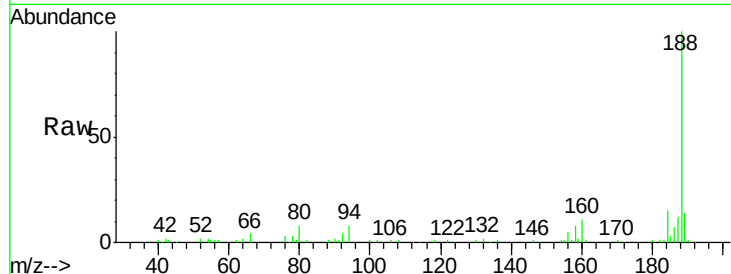




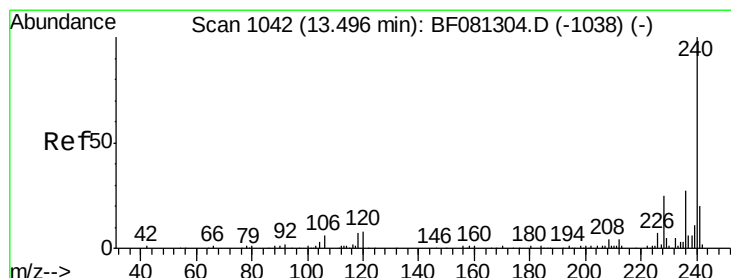
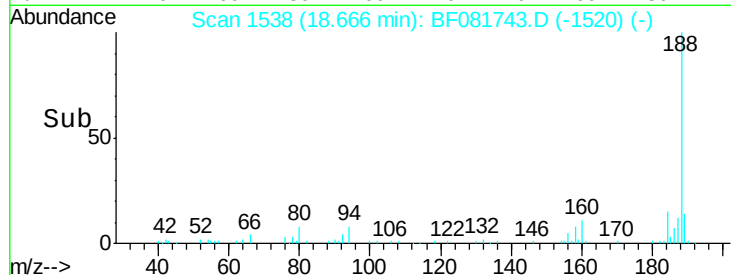
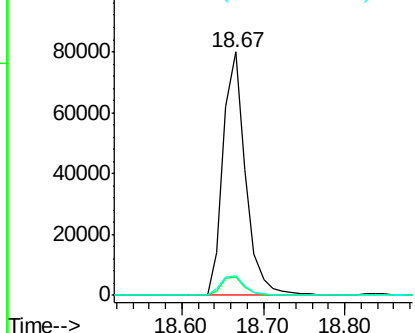
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.09 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

Instrument :
BNA_F
ClientSampleId :
GW-3

Tgt Ion:188 Resp: 152145
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 7.9 11.0 16.4#

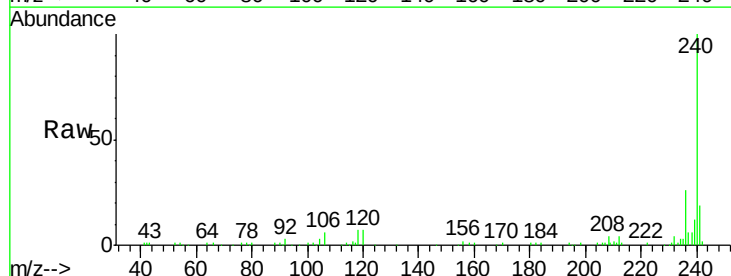


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

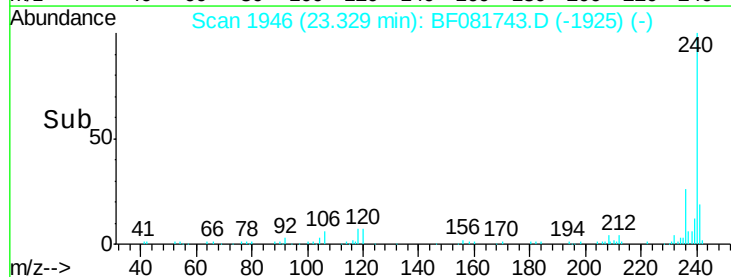
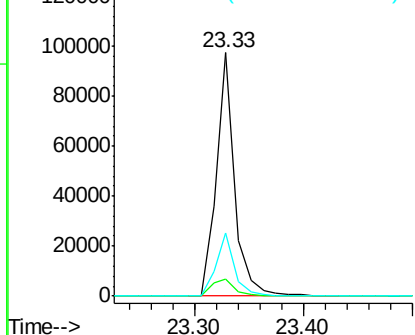


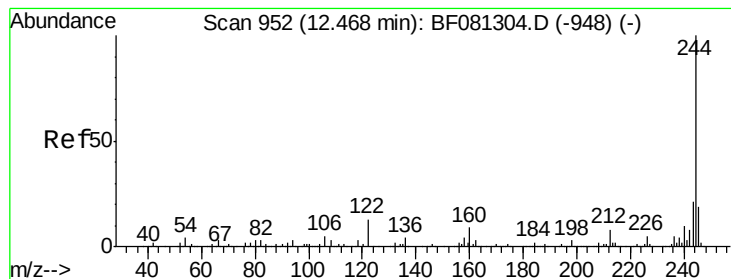
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. -0.06 min
Lab File: BF081743.D
Acq: 22 Sep 2015 16:54

Tgt Ion:240 Resp: 114178
Ion Ratio Lower Upper
240 100
120 7.1 16.2 24.2#
236 25.7 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: 88.05 ng

RT: 22.05 min Scan# 1834

Delta R.T. -0.07 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

Instrument :

BNA_F

ClientSampleId :

GW-3

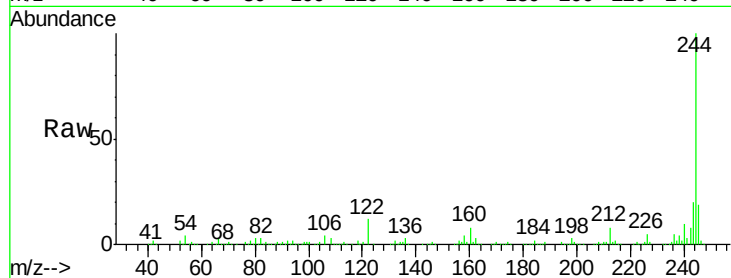
Tgt Ion:244 Resp: 431889

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

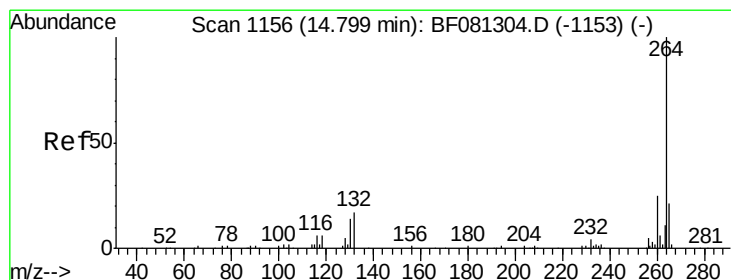
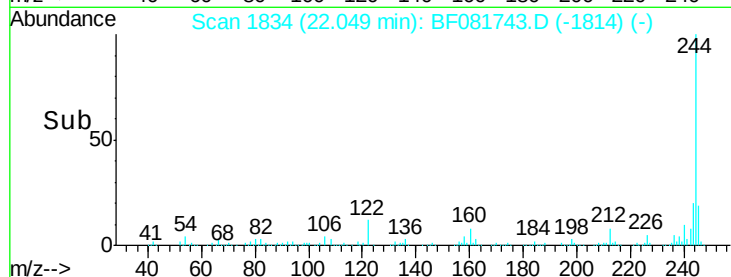
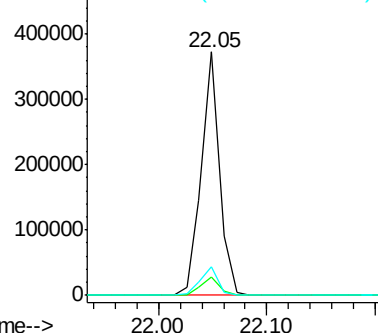
122 11.5 17.4 26.2#



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: 24.77 min Scan# 2072

Delta R.T. -0.04 min

Lab File: BF081743.D

Acq: 22 Sep 2015 16:54

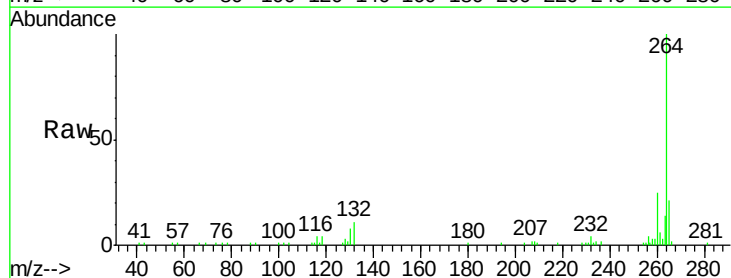
Tgt Ion:264 Resp: 72002

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 21.2 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

