

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079931.D
 Acq On : 12 Jun 2015 10:09
 Operator : TP/IZ
 Sample : G2533-06 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jun 12 13:48:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 13:46:24 2015
 Response via : Initial Calibration

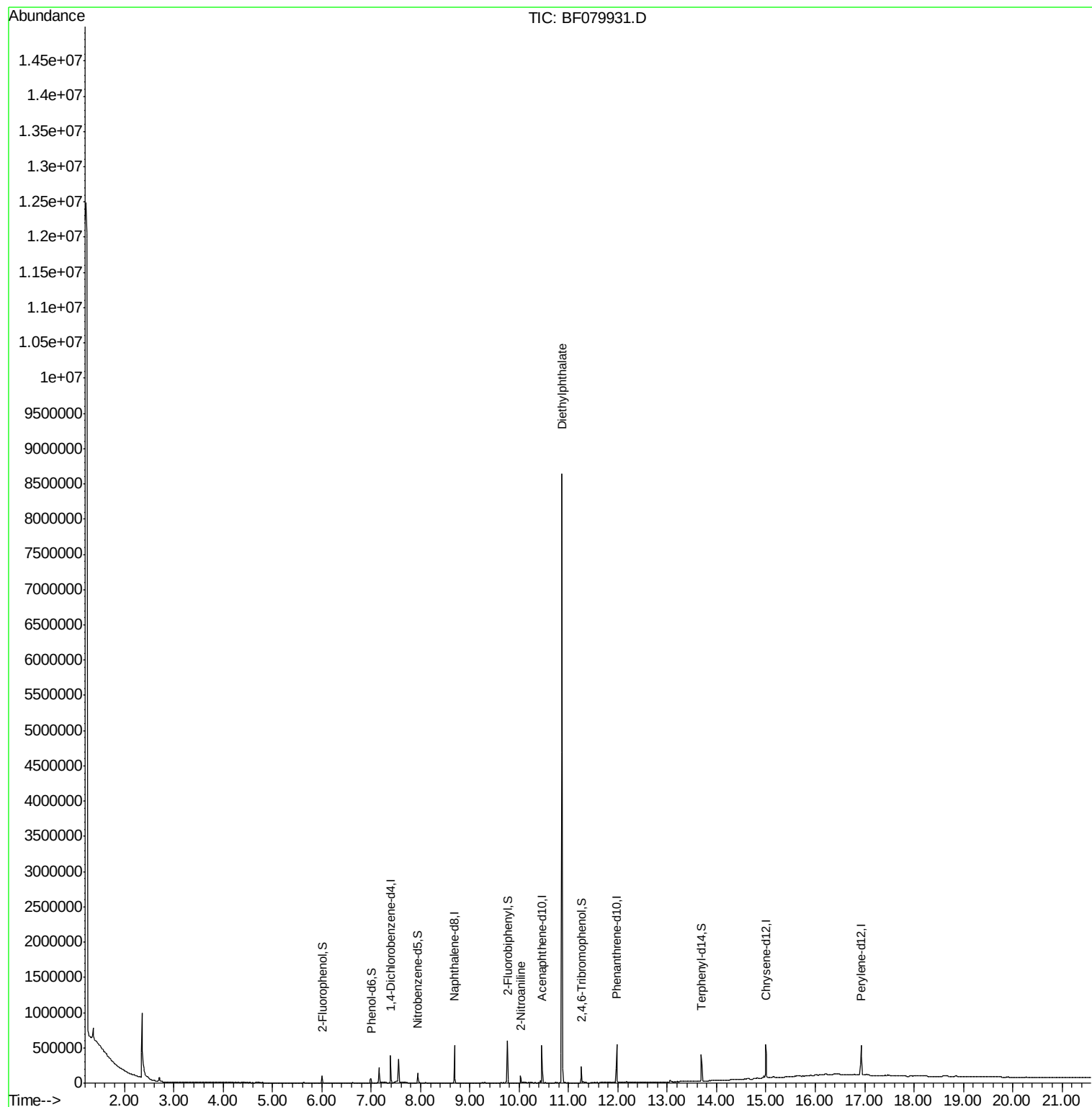
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	51452	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	208873	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	106405	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	220542	20.00	ng	0.01
75) Chrysene-d12	14.99	240	229030	20.00	ng	0.15
86) Perylene-d12	16.93	264	233488	20.00	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	35541	12.67	ng	0.01
7) Phenol-d6	6.99	99	29022	7.59	ng	0.00
23) Nitrobenzene-d5	7.94	82	50348	15.90	ng	-0.01
41) 2,4,6-Tribromophenol	11.26	330	26551	27.19	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	166860	21.96	ng	0.00
78) Terphenyl-d14	13.69	244	158748	15.98	ng	0.08
Target Compounds						
47) 2-Nitroaniline	10.02	65	239	4.42	ng	# 14
59) Diethylphthalate	10.87	149	3563749	418.09	ng	# 89
82) Chrysene	15.03	228	1830	Below Cal		# 87

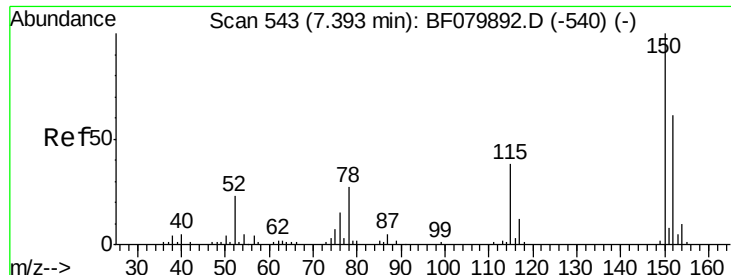
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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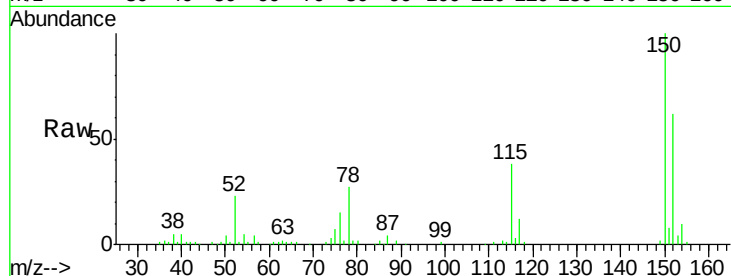


#1

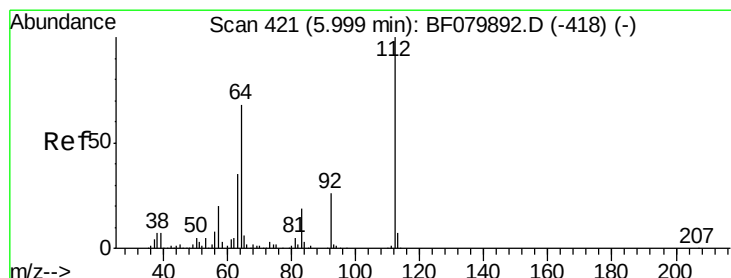
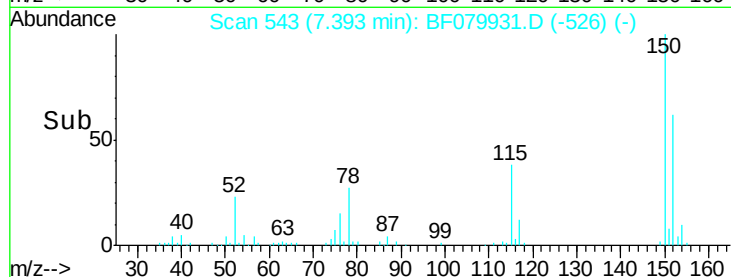
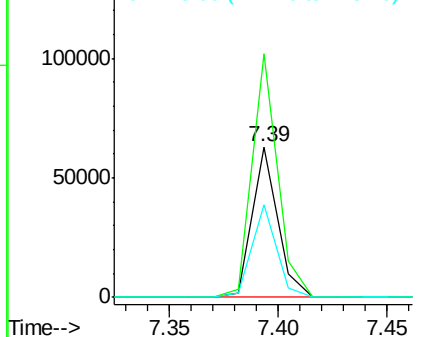
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:152 Resp: 51452
Ion Ratio Lower Upper
152 100
150 161.6 131.0 196.4
115 61.2 49.8 74.6



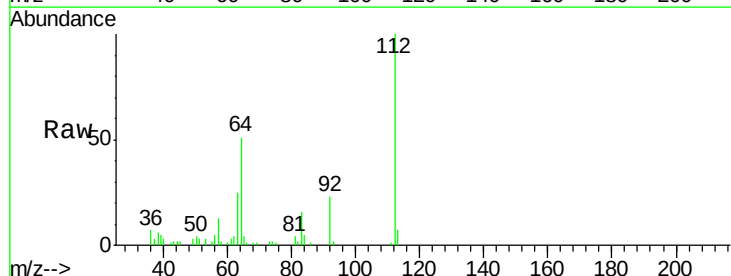
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



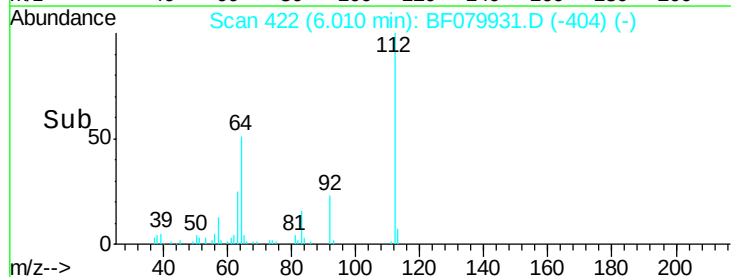
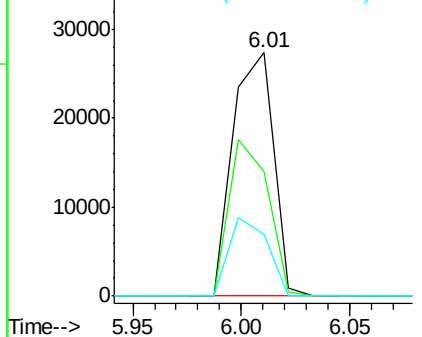
#5

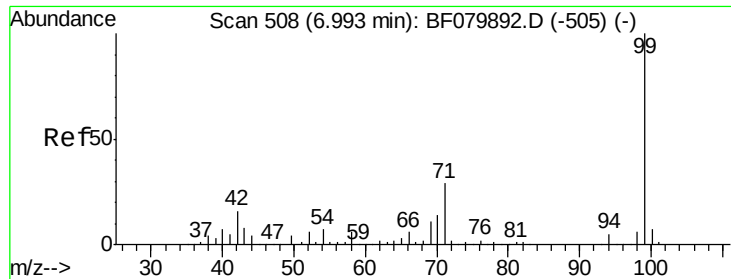
2-Fluorophenol
Concen: 12.67 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

Tgt Ion:112 Resp: 35541
Ion Ratio Lower Upper
112 100
64 51.4 54.5 81.7#
63 25.4 27.9 41.9#



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: 7.59 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079931.D

Acq: 12 Jun 2015 10:09

Instrument :

BNA_F

ClientSampleId :

MW-3

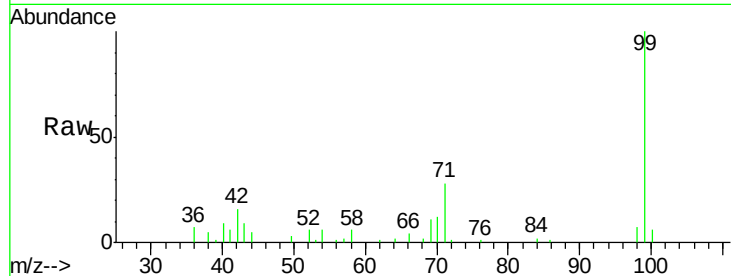
Tot Ion: 99 Resp: 29022

Ion Ratio Lower Upper

99 100

42 16.0 12.9 19.3

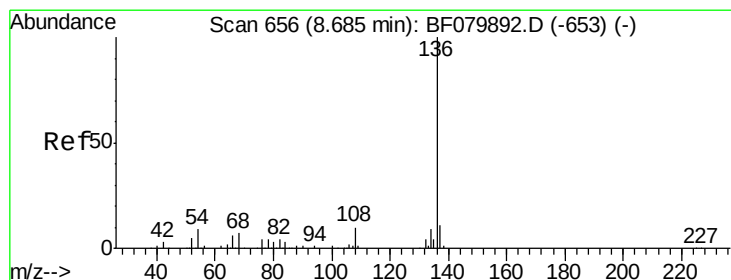
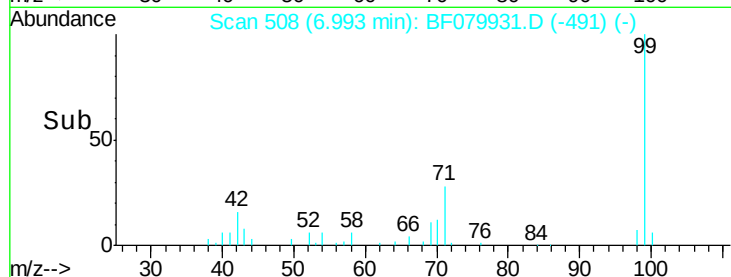
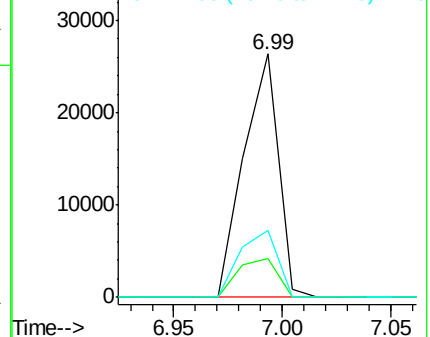
71 27.6 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079931.D

Acq: 12 Jun 2015 10:09

Tgt Ion: 136 Resp: 208873

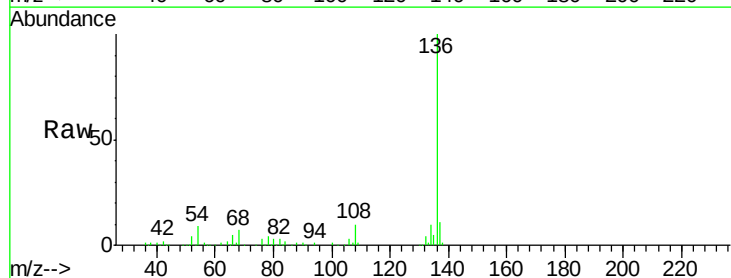
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.9 7.3 10.9

68 6.6 5.9 8.9

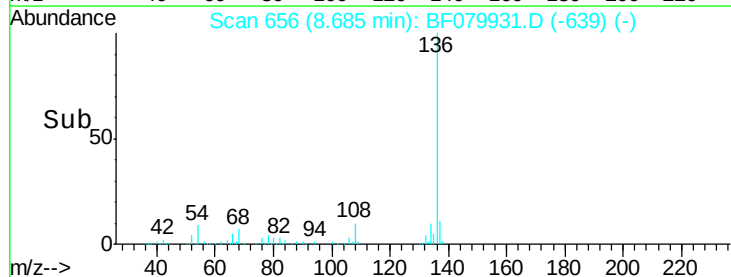
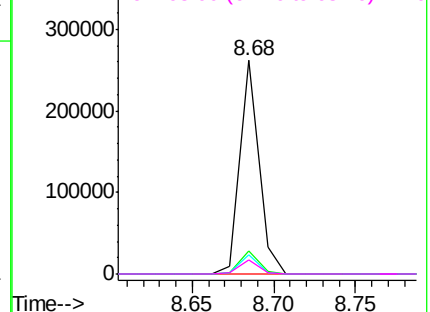


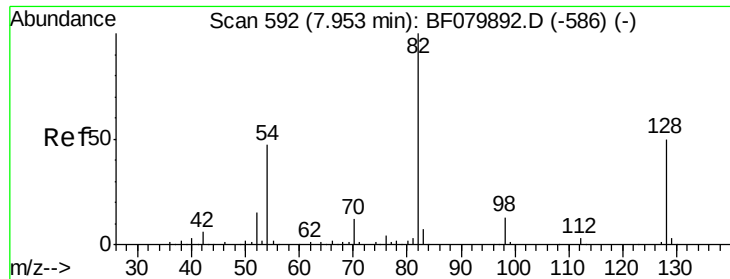
Abundance Ion 136.00 (135.70 to 136.70): E

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

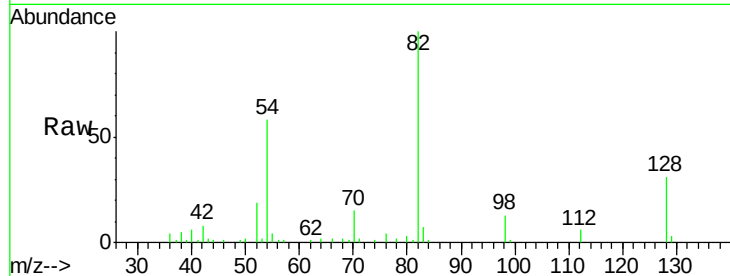




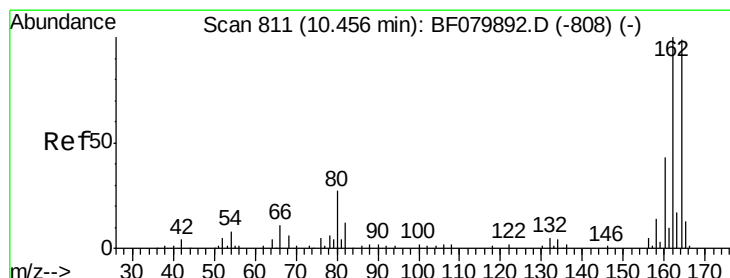
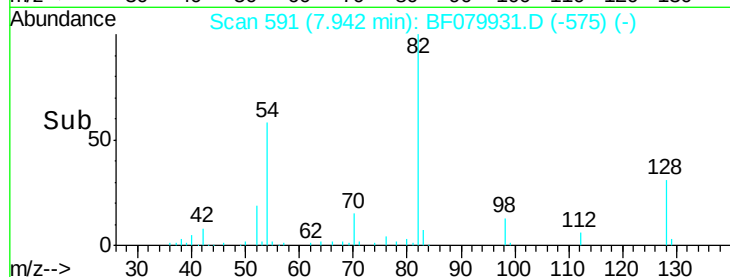
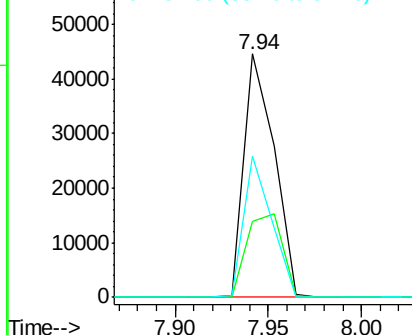
#23
 Nitrobenzene-d5
 Concen: 15.90 ng
 RT: 7.94 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF079931.D
 Acq: 12 Jun 2015 10:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	82	Resp	50348
Ion Ratio	Lower	Upper	
82	100		
128	31.4	40.3	60.5#
54	57.9	38.0	57.0#

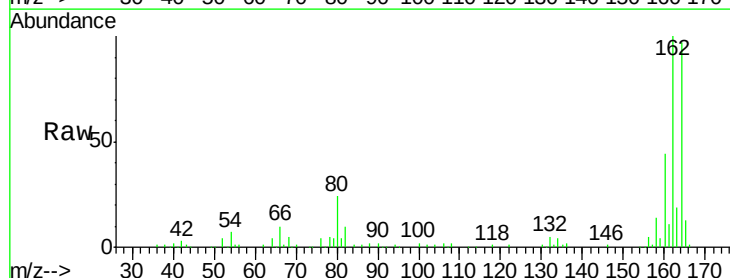


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

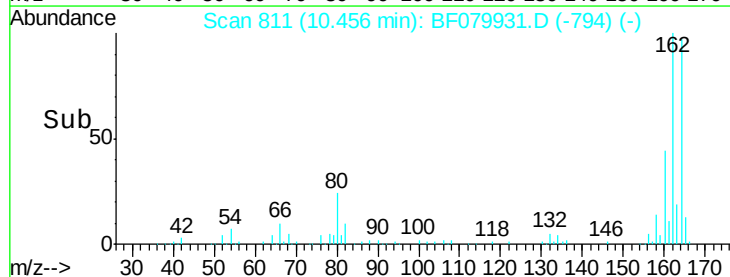
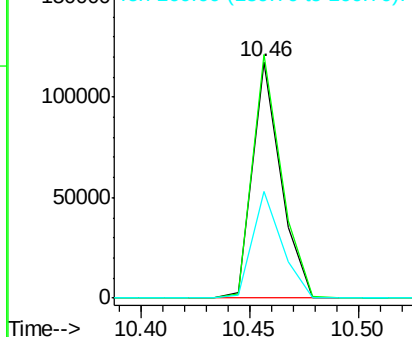


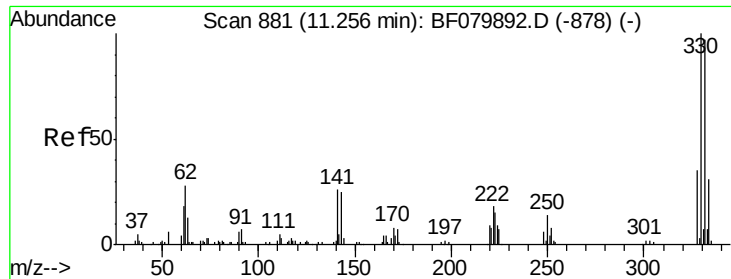
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079931.D
 Acq: 12 Jun 2015 10:09

Tgt Ion	164	Resp	106405
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.7	121.1
160	45.4	34.6	51.8



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

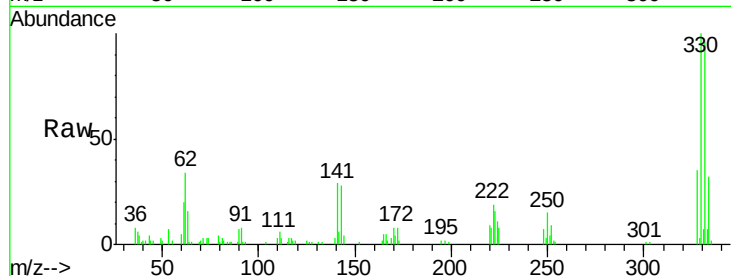




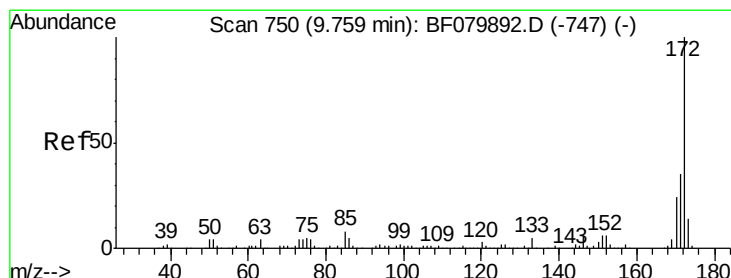
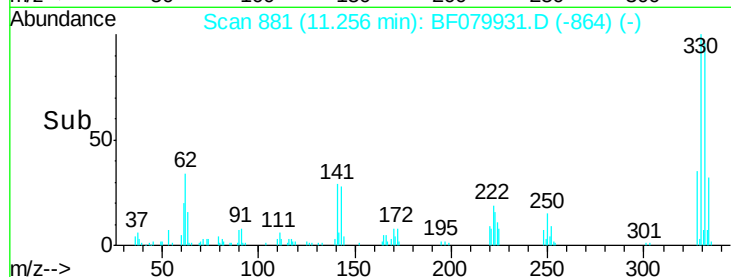
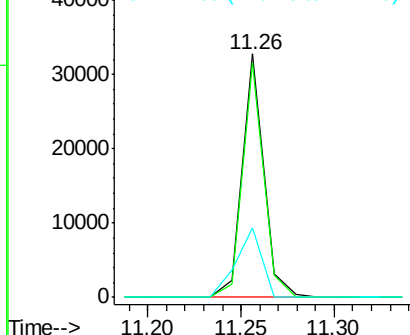
#41
 2,4,6-Tribromophenol
 Concen: 27.19 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079931.D
 Acq: 12 Jun 2015 10:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.3	115.9
141	33.8	26.8	40.2

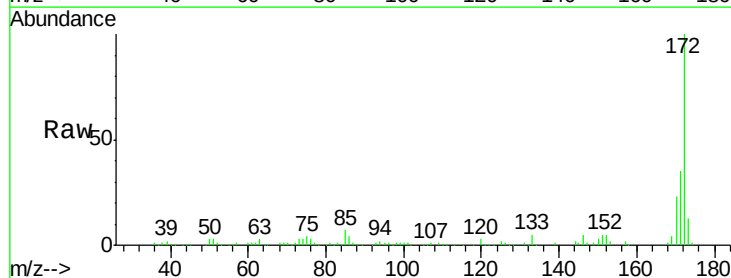


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

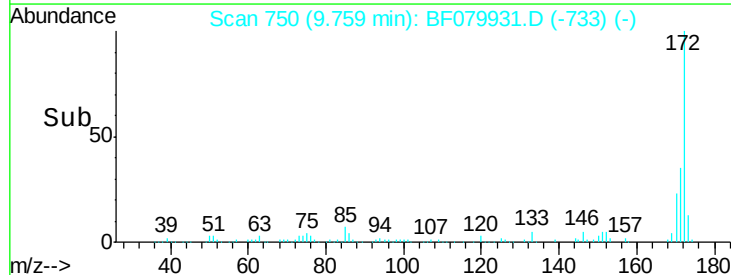
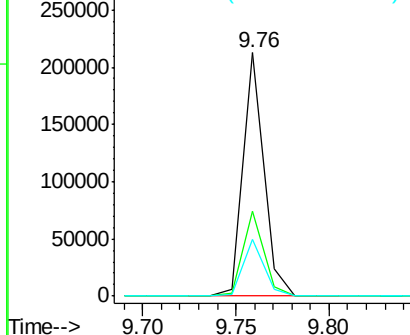


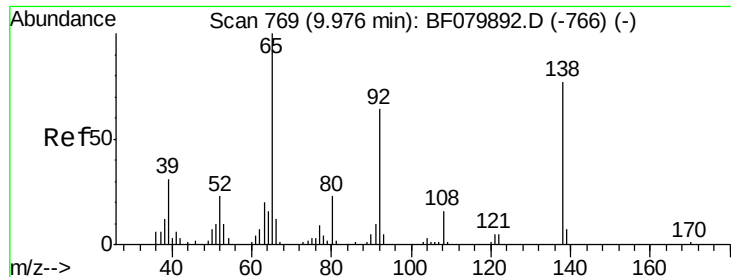
#44
 2-Fluorobiphenyl
 Concen: 21.96 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079931.D
 Acq: 12 Jun 2015 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.3	19.0	28.4



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

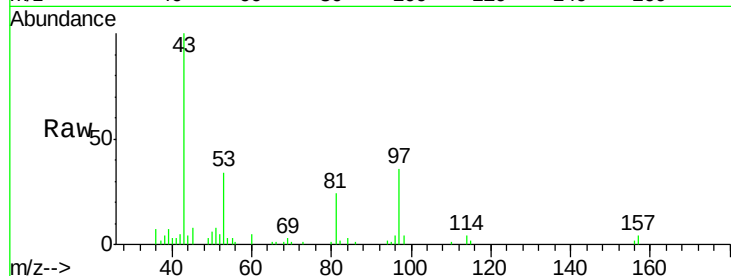




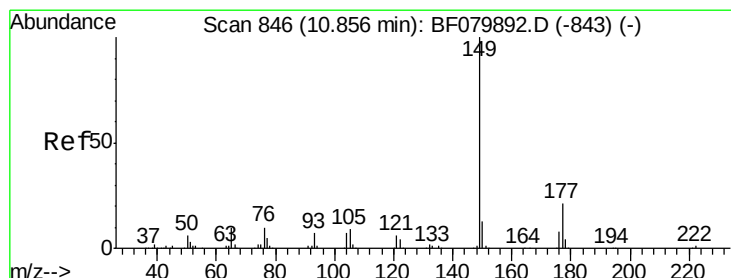
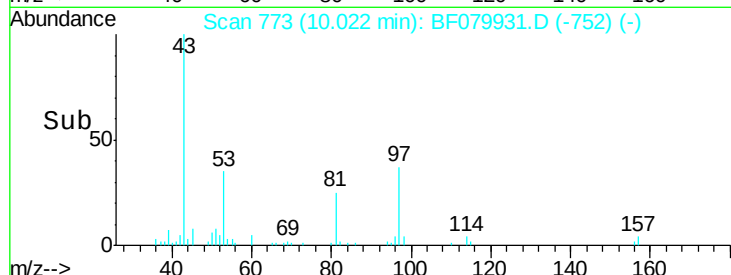
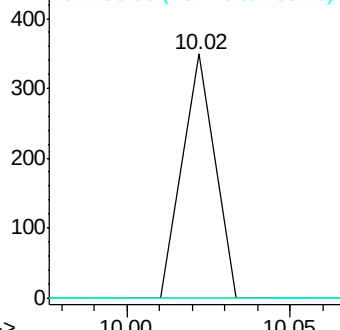
#47
2-Nitroaniline
Concen: 4.42 ng
RT: 10.02 min Scan# 773
Delta R.T. 0.05 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion: 65 Resp: 239
Ion Ratio Lower Upper
65 100
92 0.0 51.1 76.7#
138 0.0 62.0 93.0#

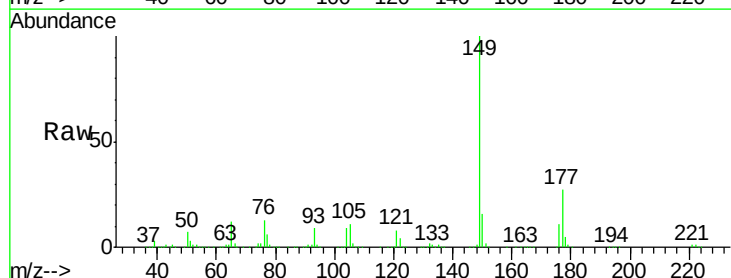


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

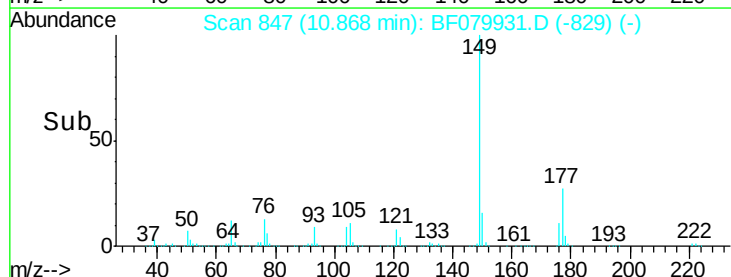
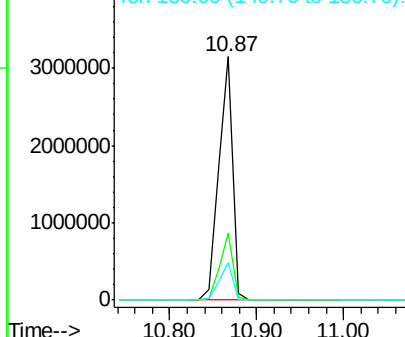


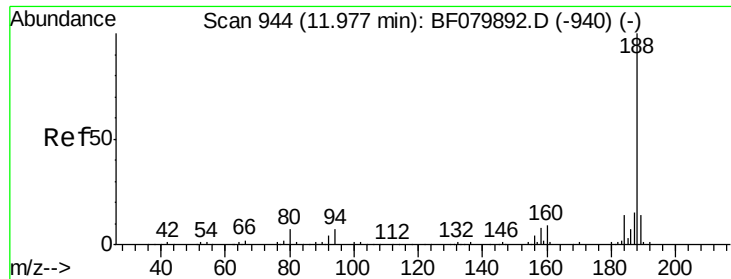
#59
Diethylphthalate
Concen: 418.09 ng
RT: 10.87 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

Tgt Ion:149 Resp: 3563749
Ion Ratio Lower Upper
149 100
177 27.3 16.9 25.3#
150 15.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

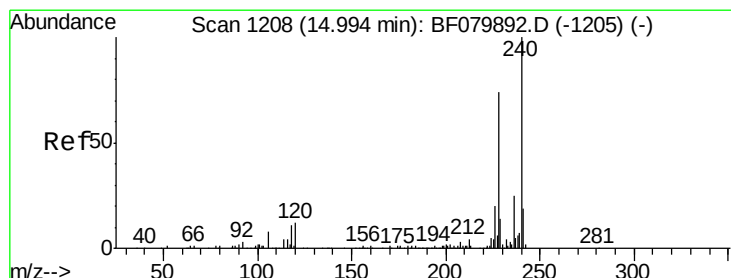
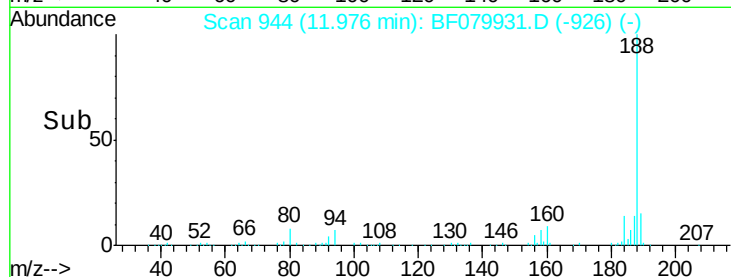
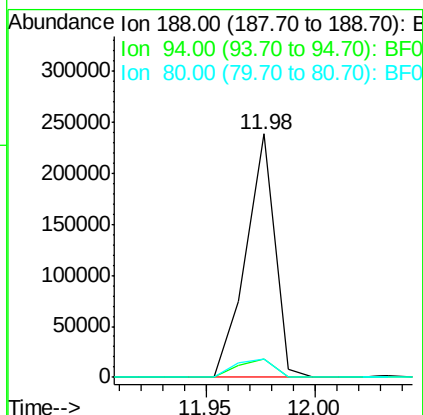
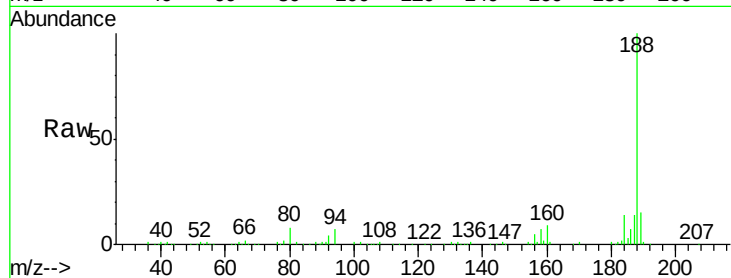




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

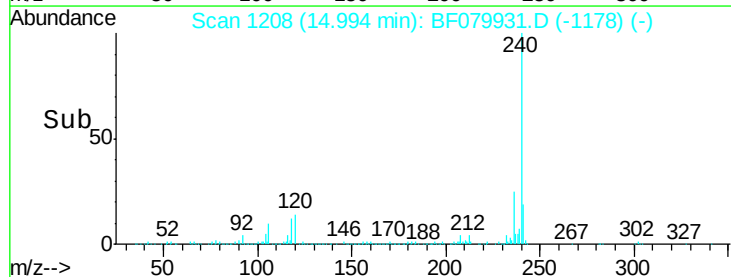
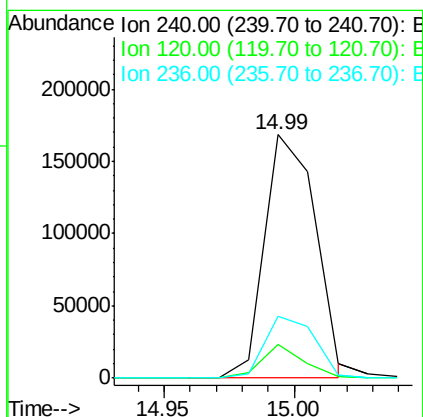
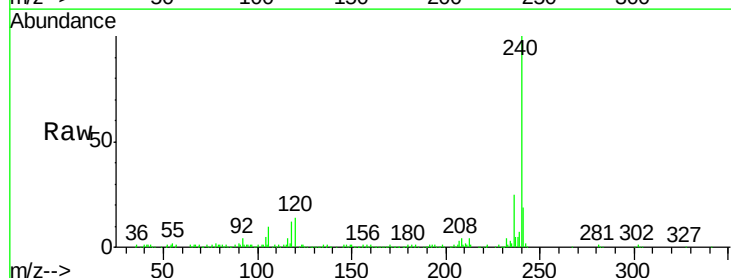
Instrument :
BNA_F
ClientSampleId :
MW-3

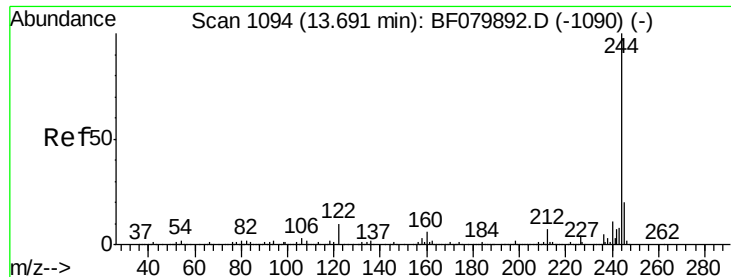
Tot Ion:188 Resp: 220542
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.8
80 7.8 5.9 8.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1208
Delta R.T. 0.15 min
Lab File: BF079931.D
Acq: 12 Jun 2015 10:09

Tgt Ion:240 Resp: 229030
Ion Ratio Lower Upper
240 100
120 14.0 9.4 14.2
236 25.4 19.6 29.4





#78

Terphenyl-d14

Concen: 15.98 ng

RT: 13.69 min Scan# 1094

Delta R.T. 0.08 min

Lab File: BF079931.D

Acq: 12 Jun 2015 10:09

Instrument :

BNA_F

ClientSampleId :

MW-3

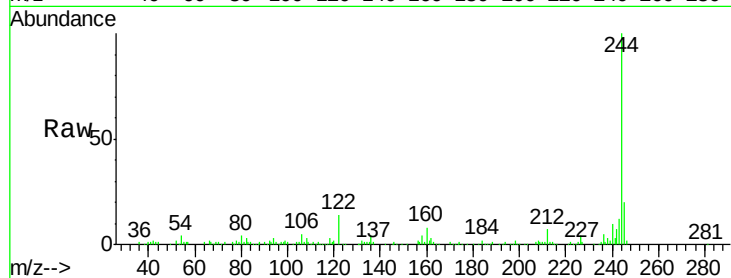
Tot Ion:244 Resp: 158748

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

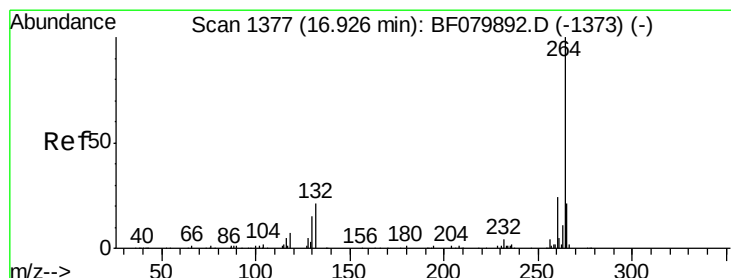
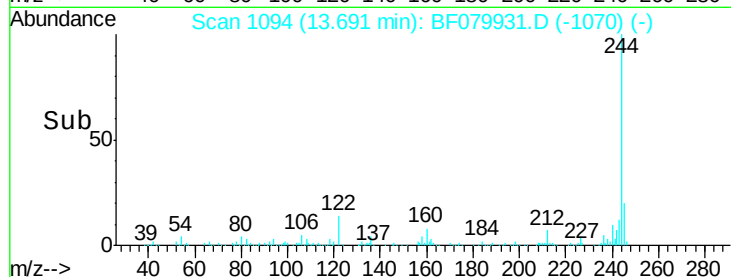
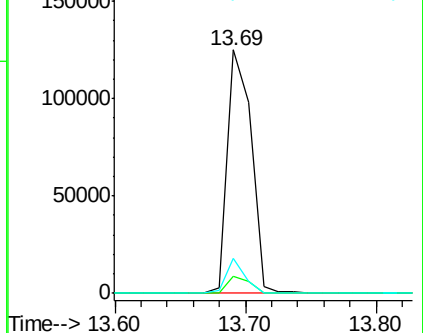
122 14.3 7.8 11.8#



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: 16.93 min Scan# 1377

Delta R.T. 0.22 min

Lab File: BF079931.D

Acq: 12 Jun 2015 10:09

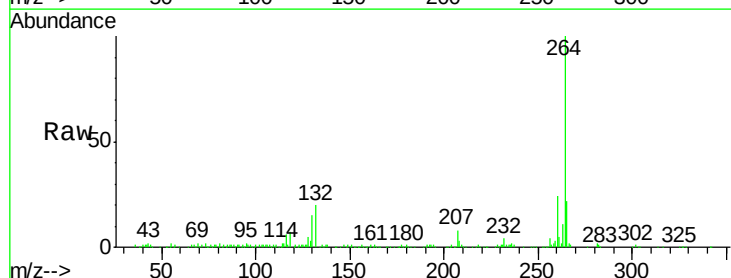
Tgt Ion:264 Resp: 233488

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.4 17.0 25.6



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

