

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079569.D
 Acq On : 29 May 2015 19:38
 Operator : TP/IZ
 Sample : G2419-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 29 23:38:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

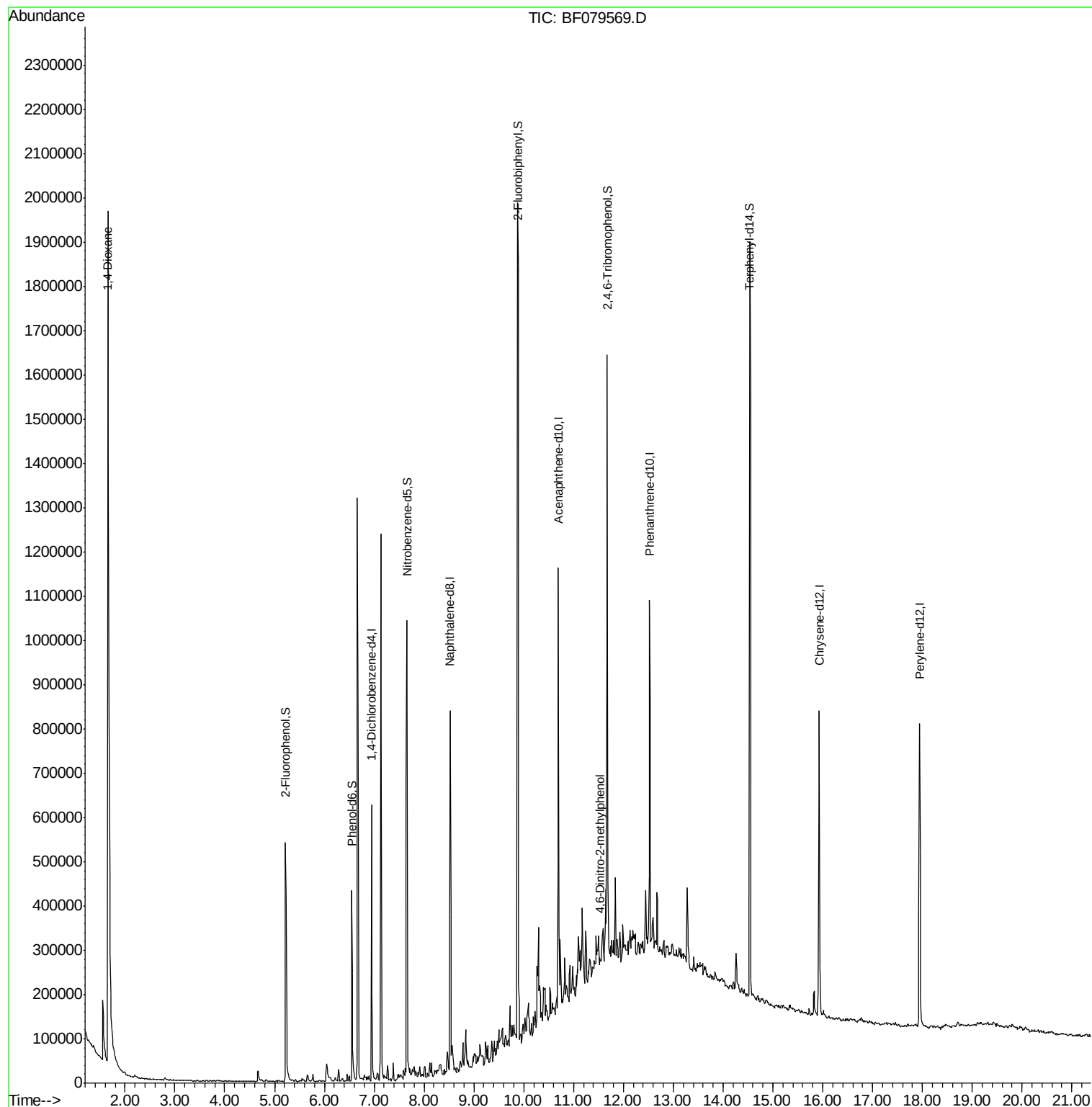
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	102684	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	426137	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	216099	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	372696	20.00	ng	0.00
75) Chrysene-d12	15.93	240	361588	20.00	ng	0.06
86) Perylene-d12	17.94	264	368131	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	252076	42.58	ng	-0.01
7) Phenol-d6	6.55	99	209071	27.71	ng	0.00
23) Nitrobenzene-d5	7.66	82	435155	59.03	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	217129	91.48	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	894459	59.05	ng	0.00
78) Terphenyl-d14	14.54	244	827939	53.74	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	96720	34.34	ng	# 100
64) 4,6-Dinitro-2-methylphenol	11.53	198	217	7.10	ng	# 1
73) Di-n-butylphthalate	13.30	149	7709	Below Cal	#	69
89) Benzo(a)pyrene	17.86	252	2737	Below Cal	#	66
90) Dibenzo(a,h)anthracene	19.44	278	4654	Below Cal	#	71
91) Benzo(g,h,i)perylene	19.79	276	4255	Below Cal	#	83

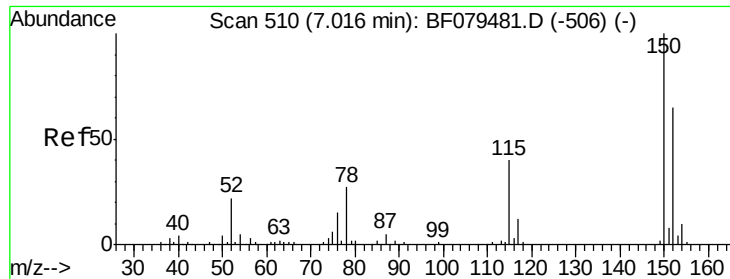
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampled :

MW-04

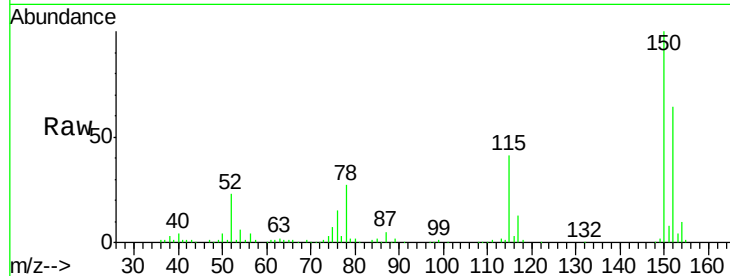
Tgt Ion:152 Resp: 102684

Ion Ratio Lower Upper

152 100

150 156.0 124.0 186.0

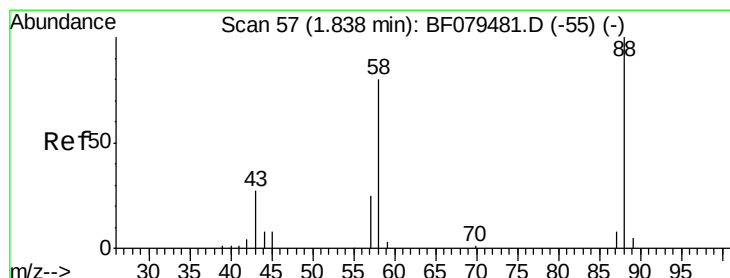
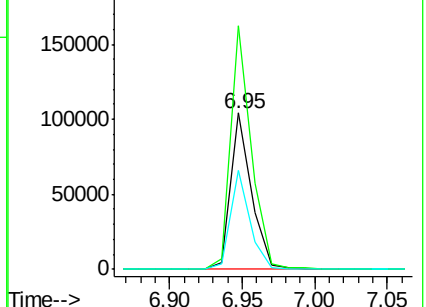
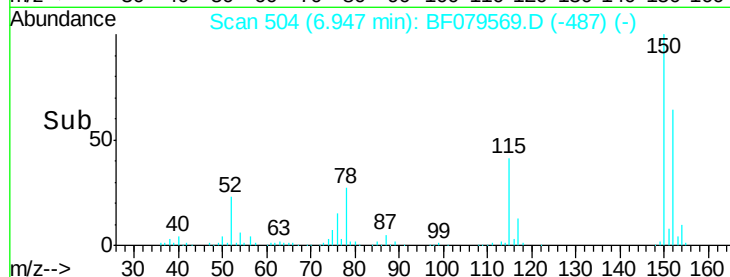
115 63.4 49.6 74.4



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: 34.34 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

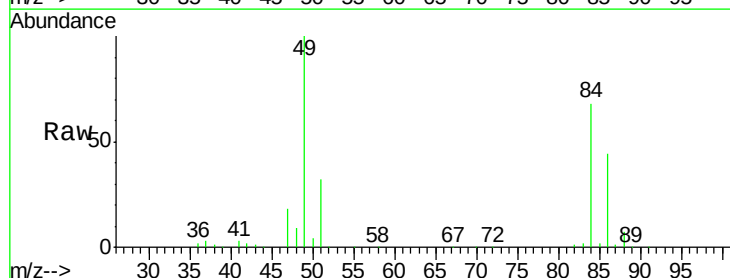
Tgt Ion: 88 Resp: 96720

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

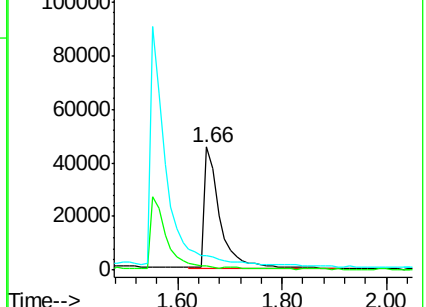
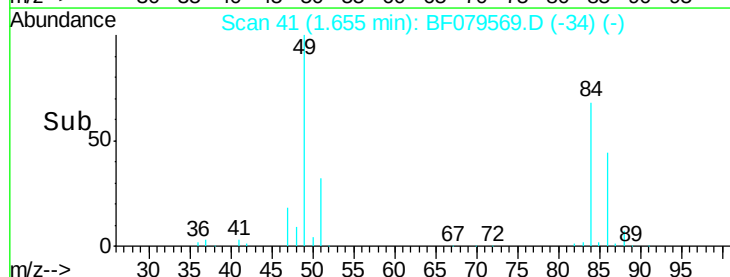
43 0.0 0.0 0.0

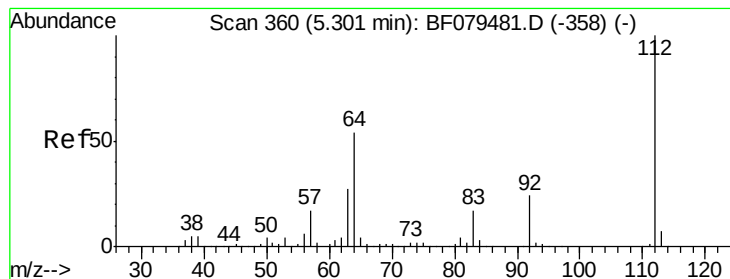


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 42.58 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

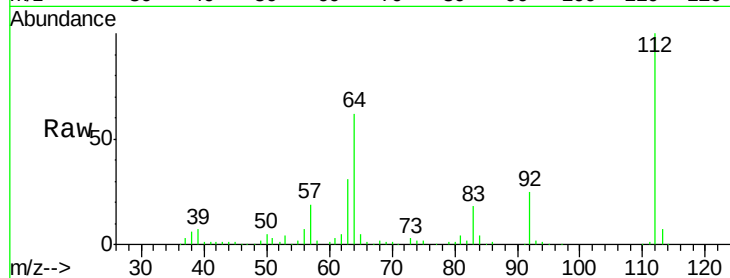
Tgt Ion: 112 Resp: 252076

Ion Ratio Lower Upper

112 100

64 61.9 43.5 65.3

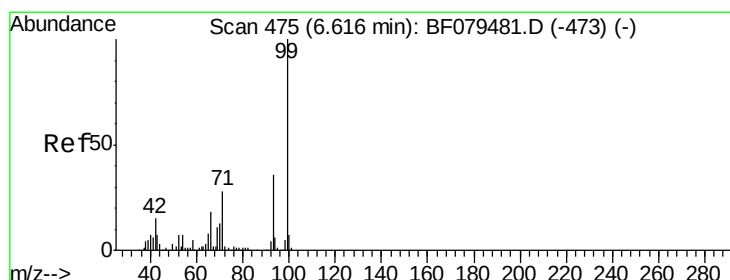
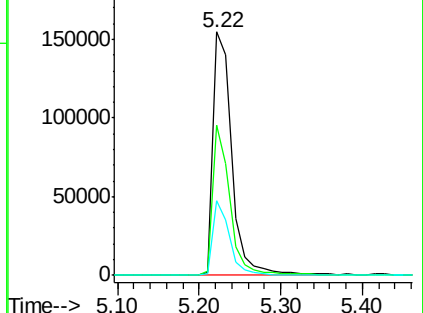
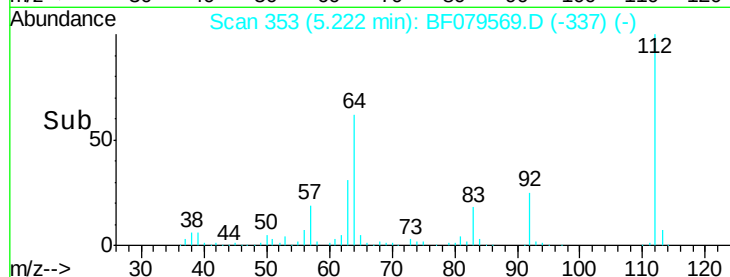
63 30.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 27.71 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

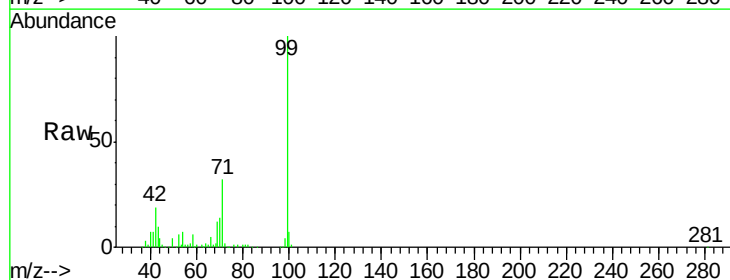
Tgt Ion: 99 Resp: 209071

Ion Ratio Lower Upper

99 100

42 18.6 11.9 17.9#

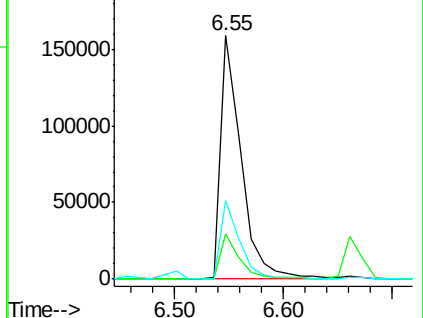
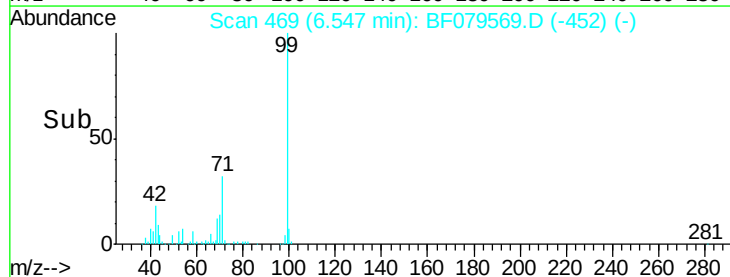
71 32.1 22.1 33.1

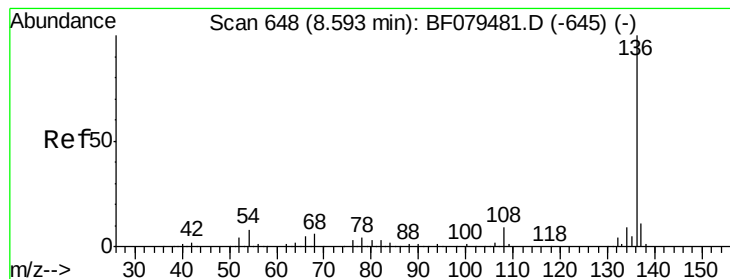


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

Tgt Ion:136 Resp: 426137

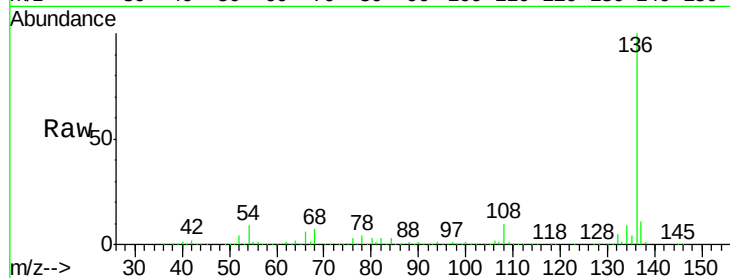
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.8 6.6 9.8

68 6.7 4.7 7.1

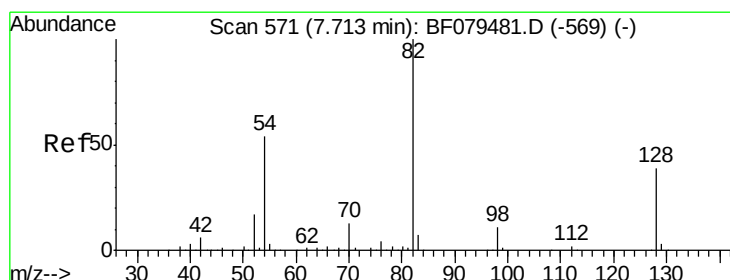
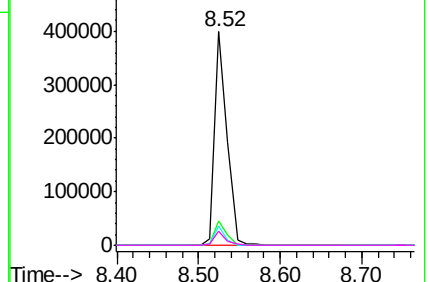
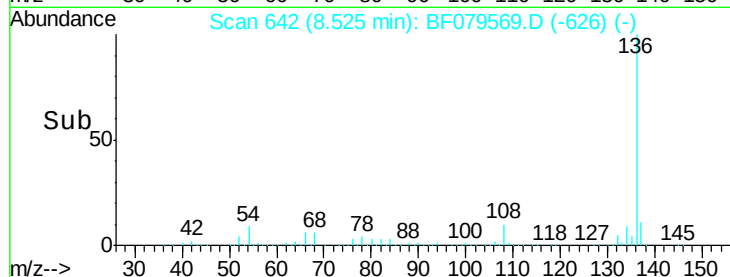


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.03 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

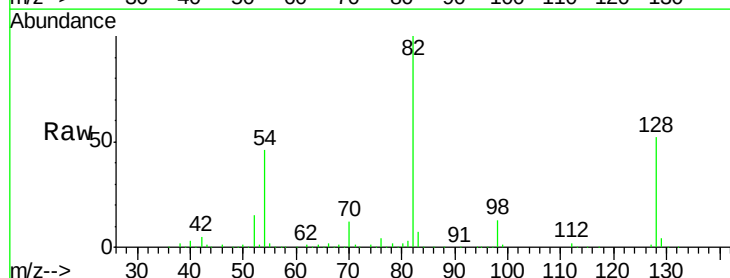
Tgt Ion: 82 Resp: 435155

Ion Ratio Lower Upper

82 100

128 51.8 30.8 46.2#

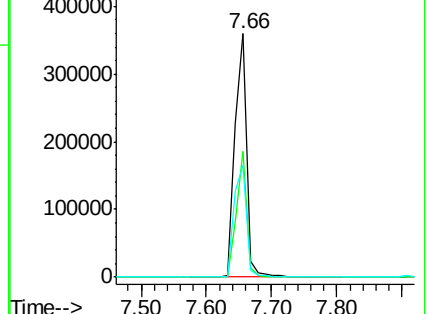
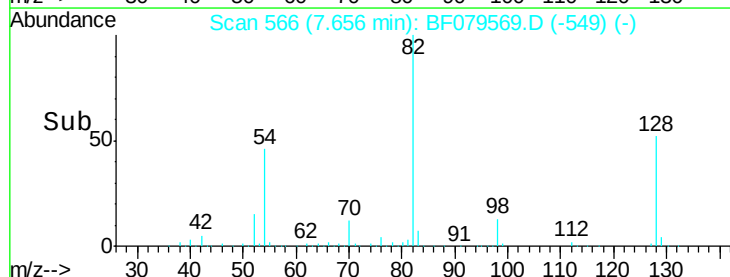
54 45.7 42.8 64.2

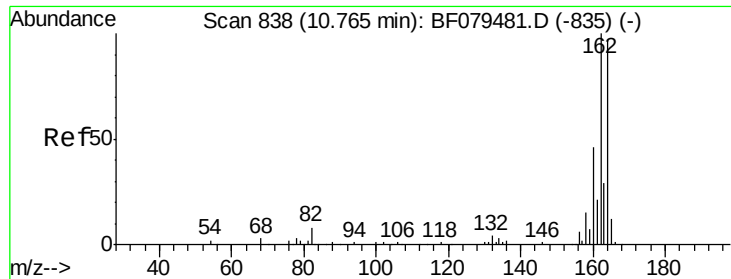


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

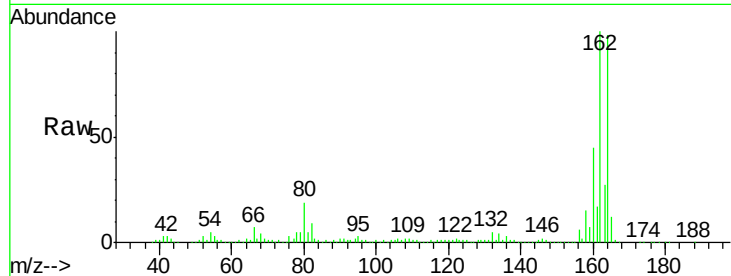
Tgt Ion:164 Resp: 216099

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

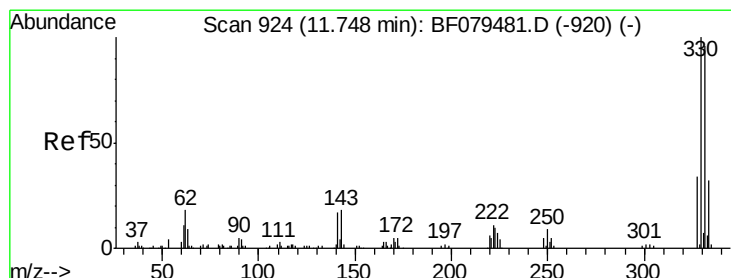
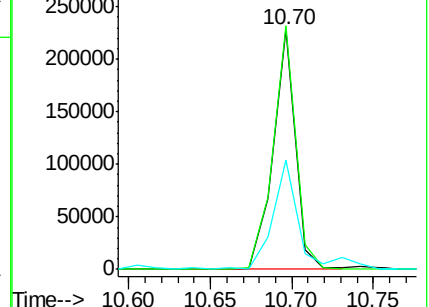
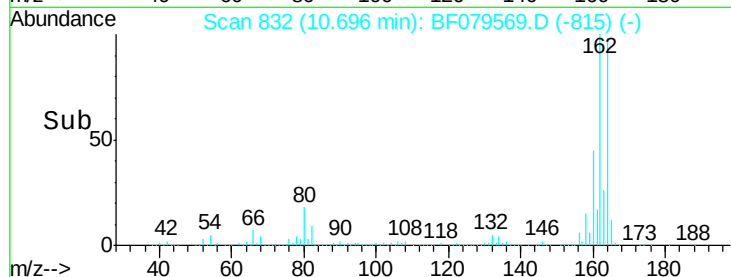
160 45.9 37.7 56.5



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: 91.48 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

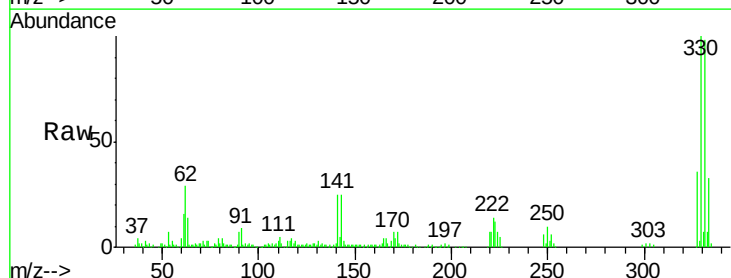
Tgt Ion:330 Resp: 217129

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

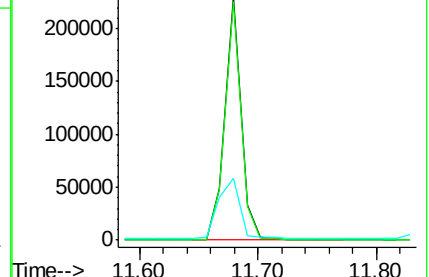
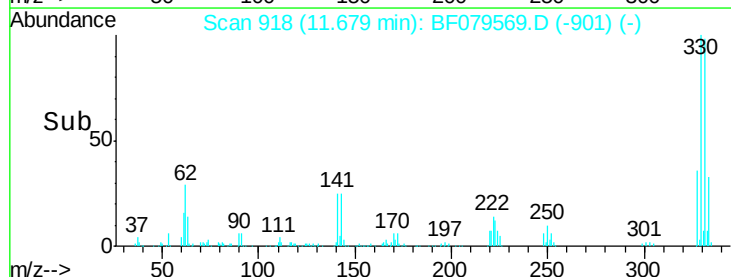
141 32.6 0.0 0.0#

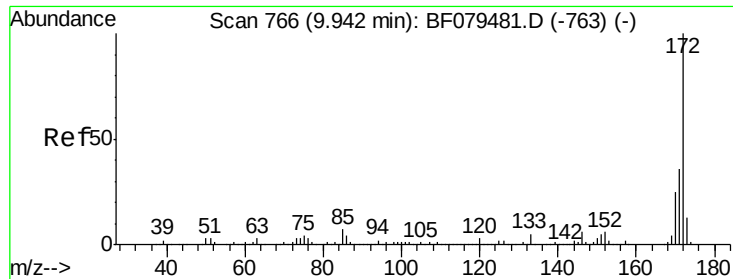


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

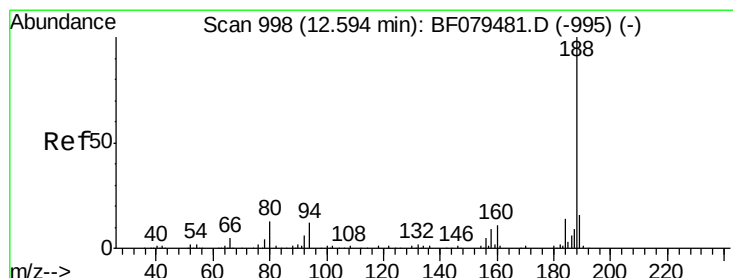
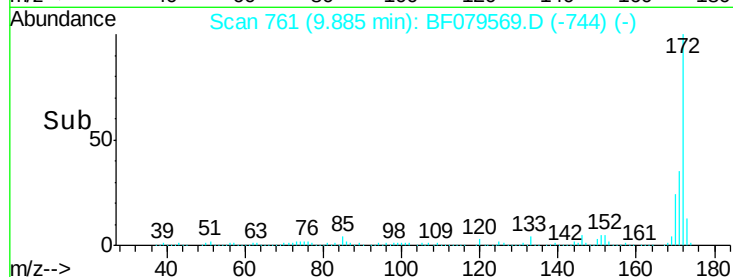
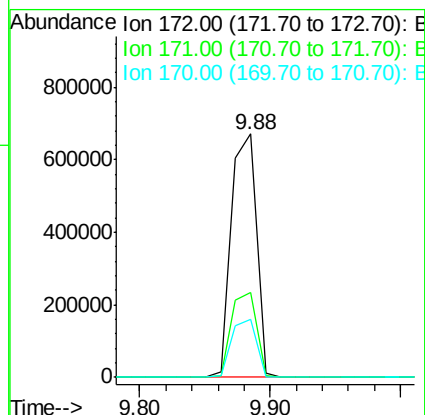
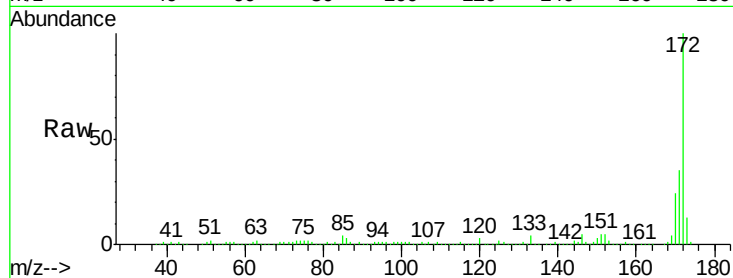




#44
 2-Fluorobiphenyl
 Concen: 59.05 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

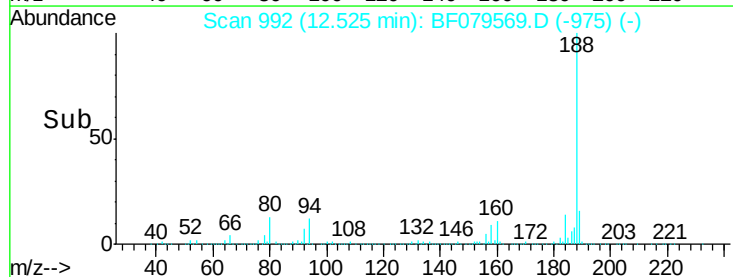
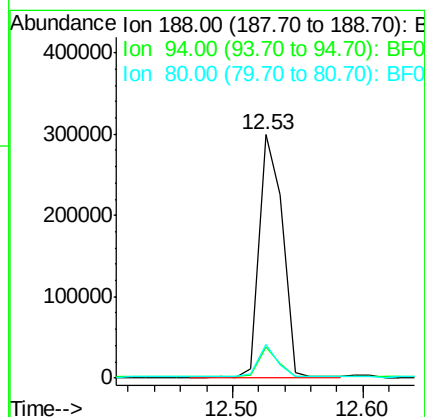
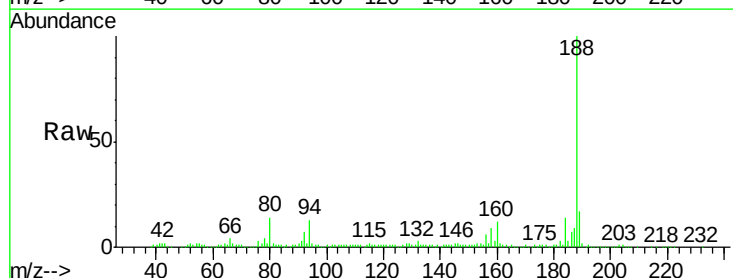
Instrument :
 BNA_F
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 MW-04

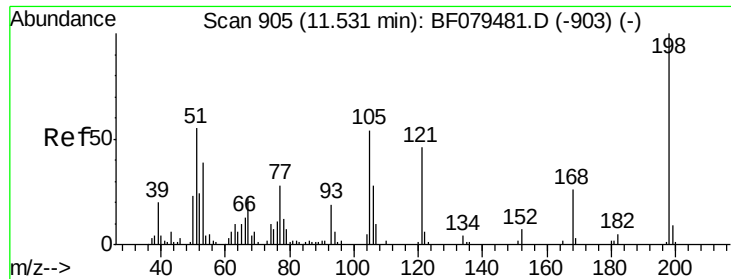
Tgt Ion:172 Resp: 894459
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.8 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

Tgt Ion:188 Resp: 372696
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.8 14.6
 80 13.7 10.5 15.7

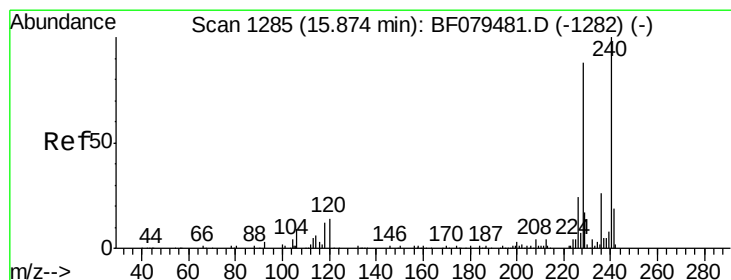
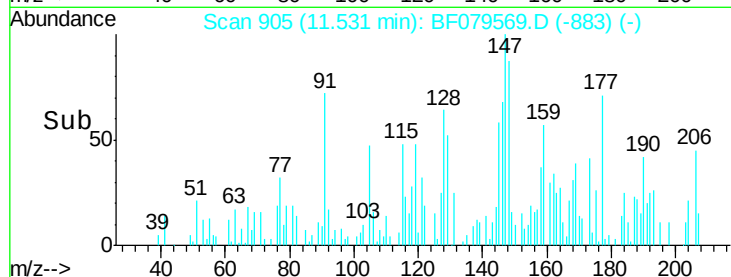
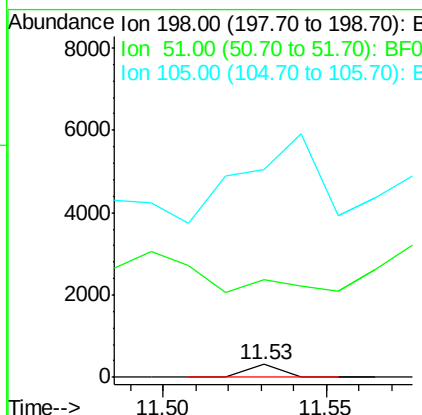
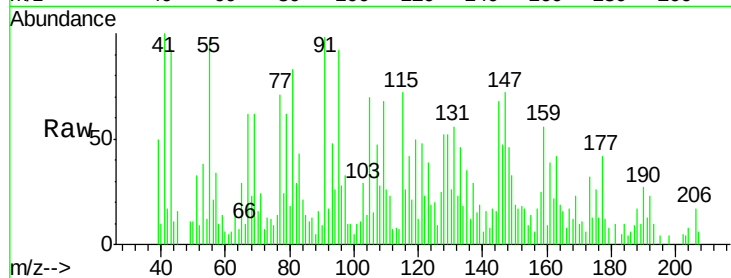




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.10 ng
 RT: 11.53 min Scan# 905
 Delta R.T. 0.06 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

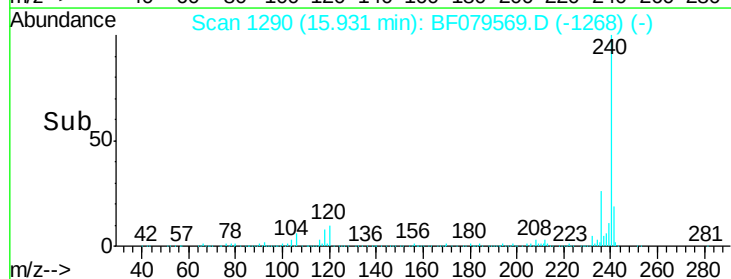
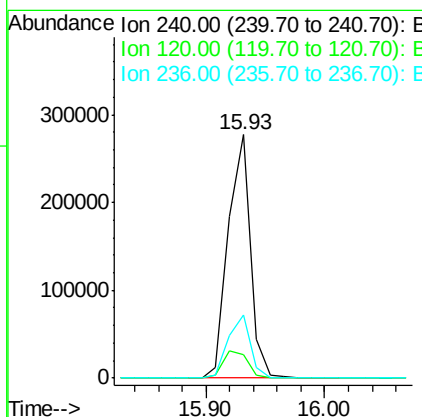
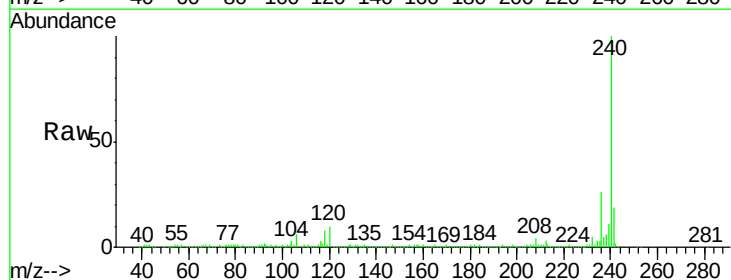
Instrument :
 BNA_F
 ClientSampled :
 MW-04

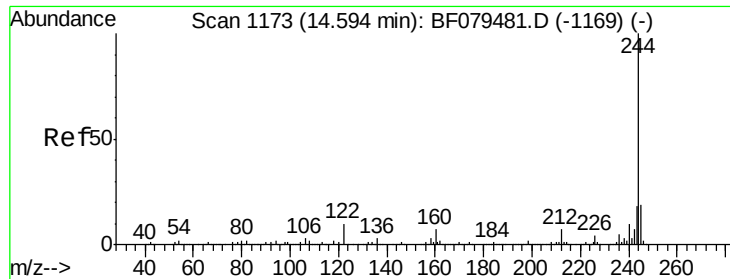
Tgt Ion:198 Resp: 217
 Ion Ratio Lower Upper
 198 100
 51 748.6 36.0 76.0#
 105 1591.8 34.1 74.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.93 min Scan# 1290
 Delta R.T. 0.06 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

Tgt Ion:240 Resp: 361588
 Ion Ratio Lower Upper
 240 100
 120 9.7 10.8 16.2#
 236 25.9 21.0 31.6





#78

Terphenyl-d14

Concen: 53.74 ng

RT: 14.54 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

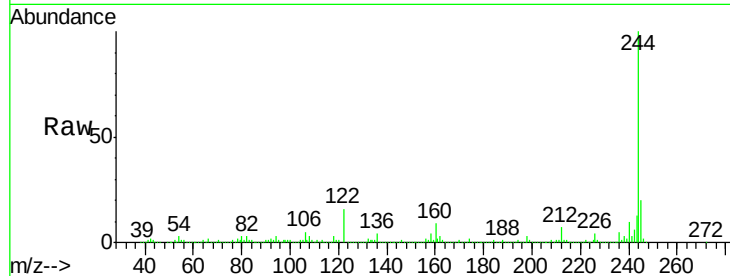
Tgt Ion:244 Resp: 827939

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

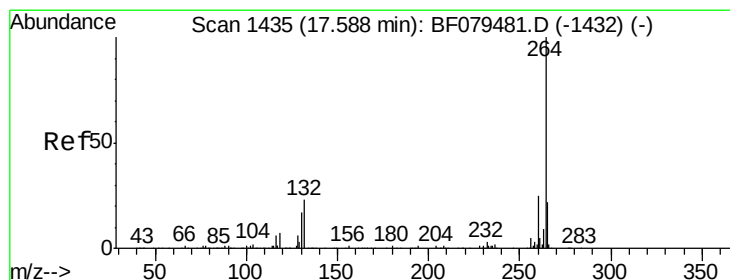
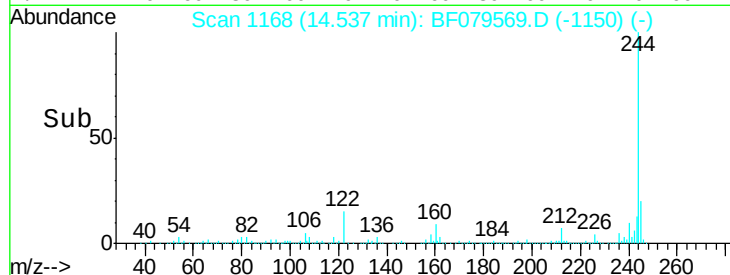
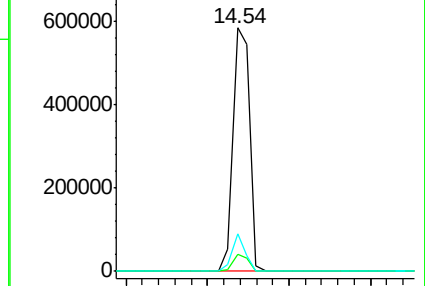
122 15.5 8.0 12.0#



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: 17.94 min Scan# 1466

Delta R.T. 0.14 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

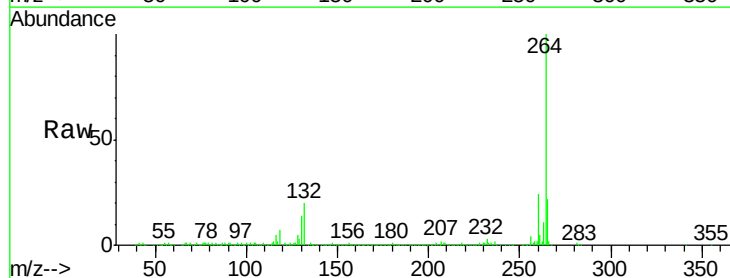
Tgt Ion:264 Resp: 368131

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.7 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

