

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079640.D
 Acq On : 31 May 2015 18:38
 Operator : TP/IZ
 Sample : G2427-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL4(0-2)

Quant Time: Jun 01 04:39:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

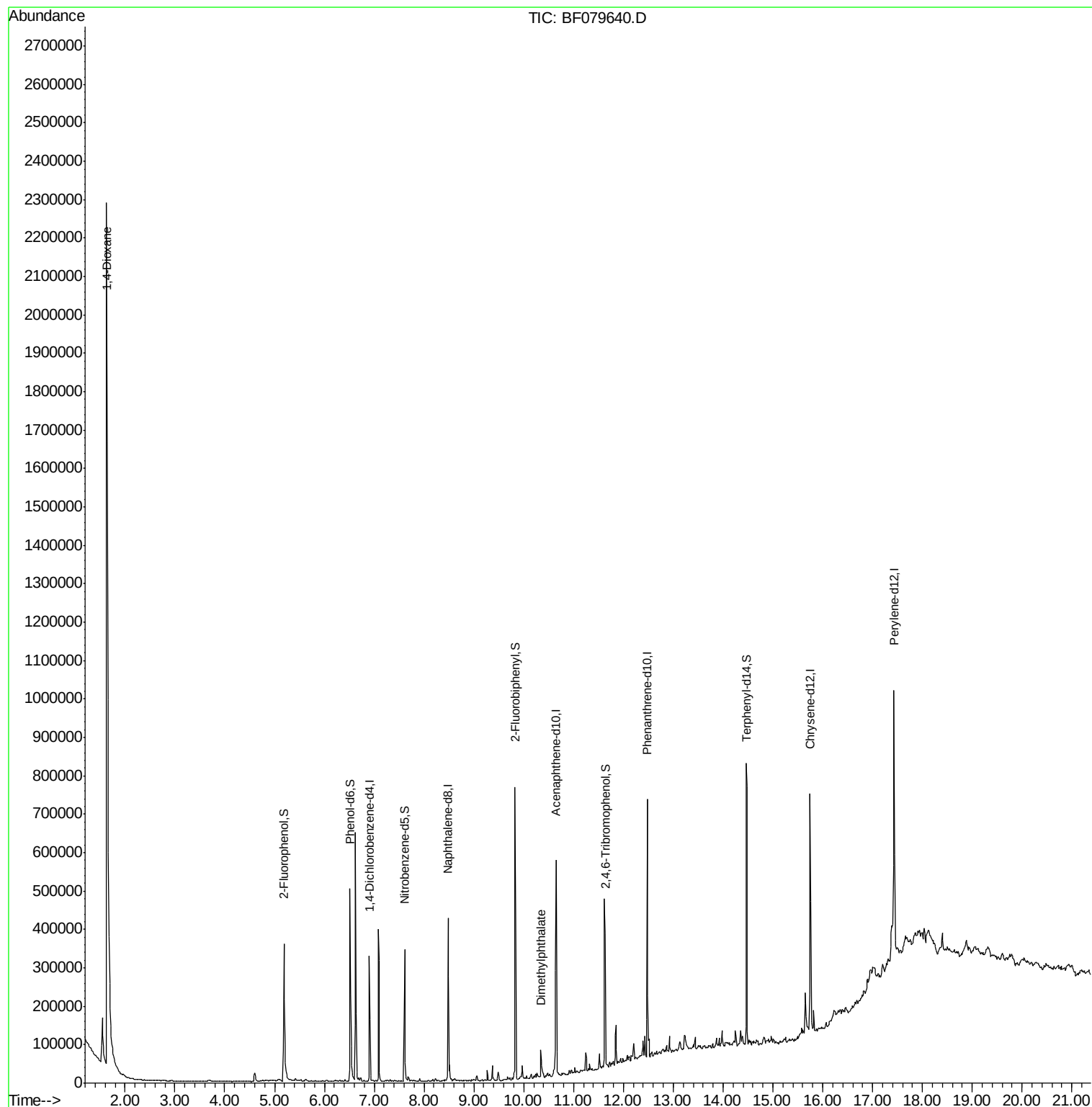
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	59664	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	250560	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	128750	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	253559	20.00	ng	0.00
75) Chrysene-d12	15.75	240	266513	20.00	ng	0.00
86) Perylene-d12	17.43	264	269177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	180504	52.47	ng	0.02
7) Phenol-d6	6.51	99	251025	57.25	ng	0.01
23) Nitrobenzene-d5	7.61	82	137433	31.71	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	77794	55.01	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	300890	33.34	ng	0.00
78) Terphenyl-d14	14.48	244	365256	32.16	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	112598	68.81	ng	# 100
49) Dimethylphthalate	10.34	163	33702	3.55	ng	# 97
73) Di-n-butylphthalate	13.25	149	1500	Below Cal	#	42
89) Benzo(a)pyrene	17.37	252	7938	Below Cal	#	67
90) Dibenzo(a,h)anthracene	18.71	278	1724	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.06	276	7383	Below Cal	#	72

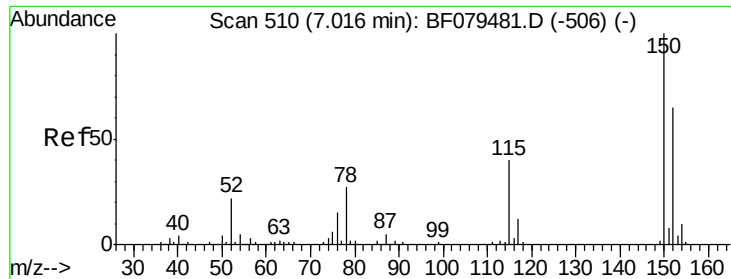
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL4(0-2)

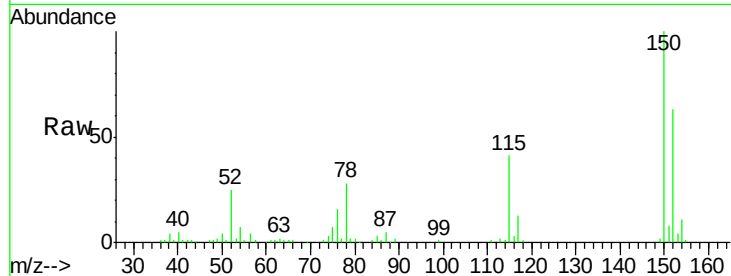
Tgt Ion:152 Resp: 59664

Ion Ratio Lower Upper

152 100

150 158.3 124.0 186.0

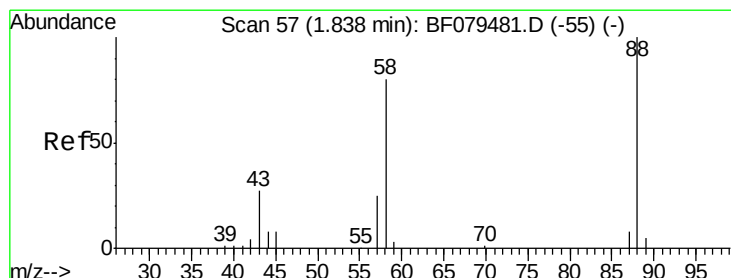
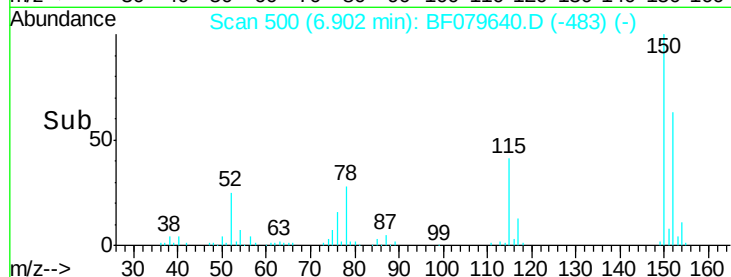
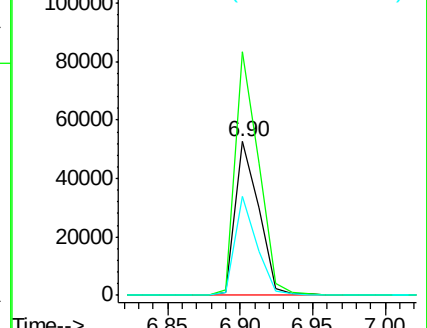
115 64.6 49.6 74.4



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: 68.81 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

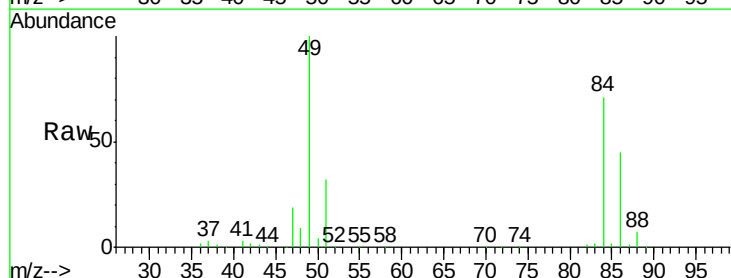
Tgt Ion: 88 Resp: 112598

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

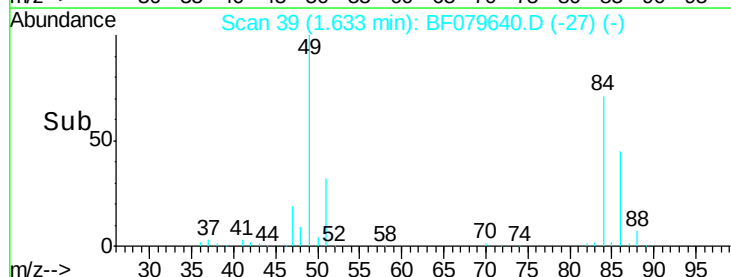
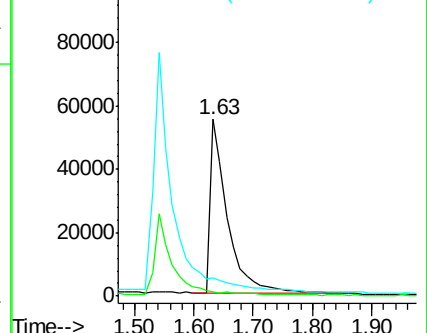
43 0.0 0.0 0.0

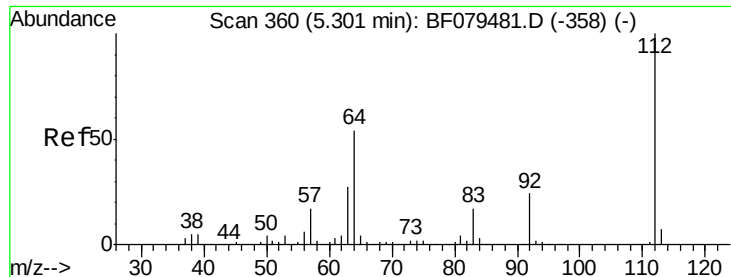


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

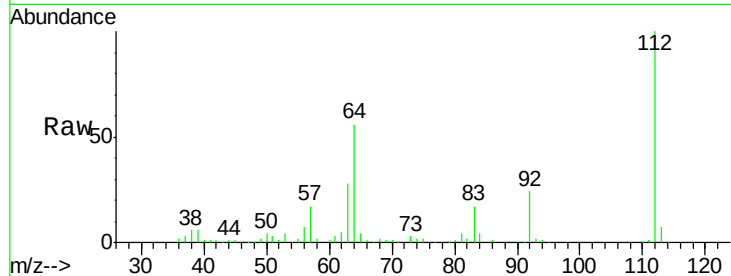




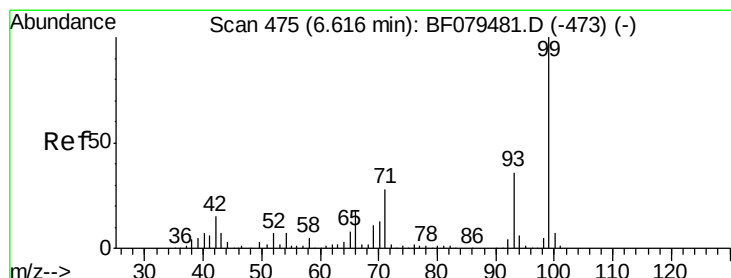
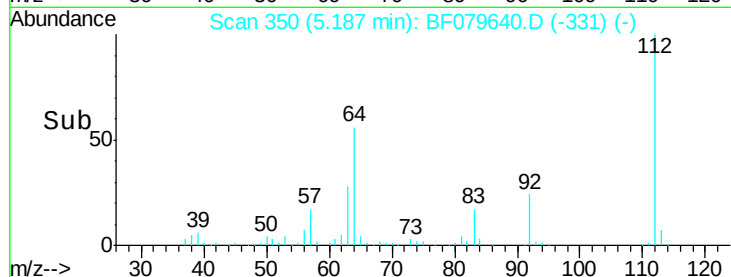
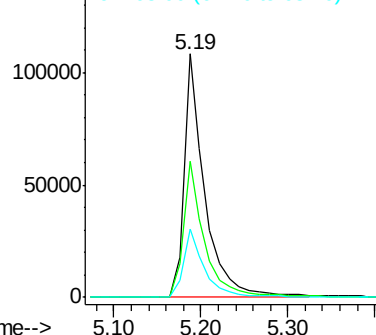
#5
 2-Fluorophenol
 Concen: 52.47 ng
 RT: 5.19 min Scan# 350
 Delta R.T. 0.02 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL4(0-2)

Tgt Ion:	112	Resp:	180504
Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	28.2	21.8	32.8

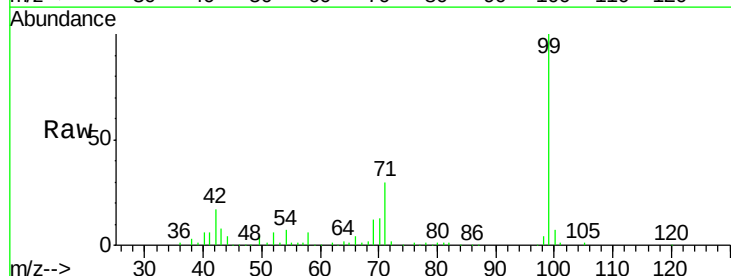


Abundance Ion 112.00 (111.70 to 112.70): BF079481.D (-358) (-)

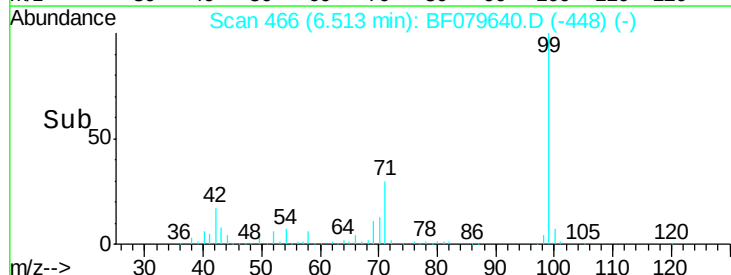
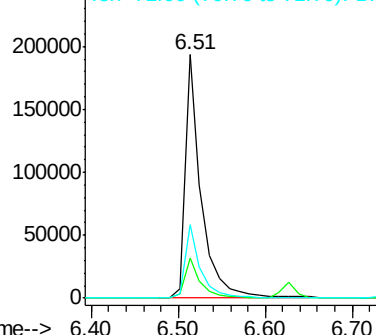


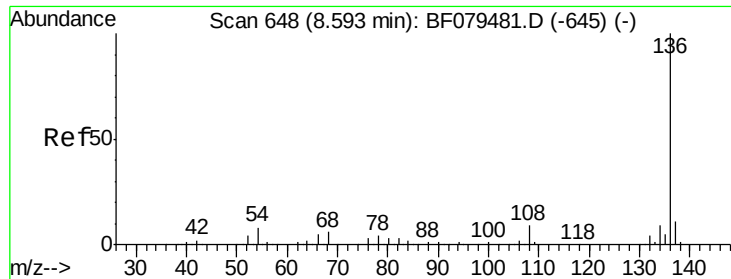
#7
 Phenol-d6
 Concen: 57.25 ng
 RT: 6.51 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

Tgt Ion:	99	Resp:	251025
Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.9	17.9
71	30.1	22.1	33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

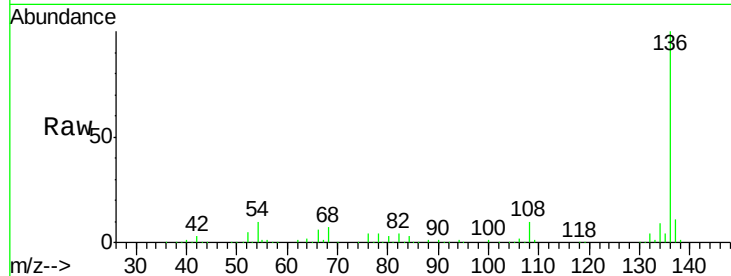




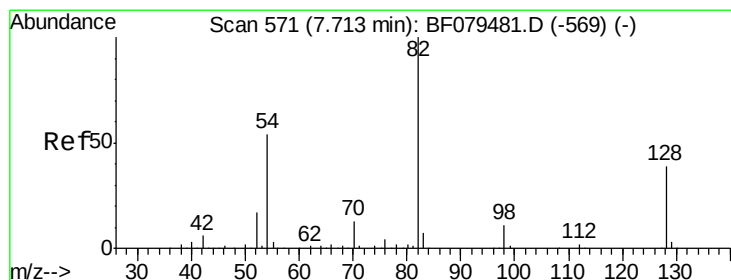
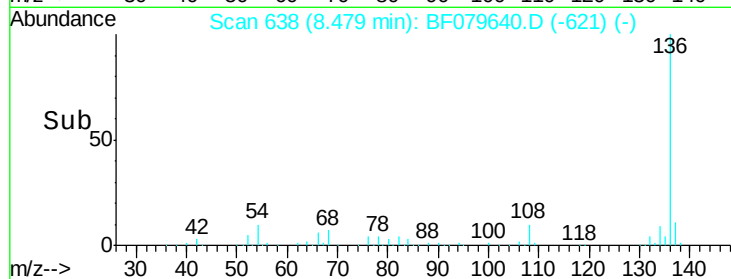
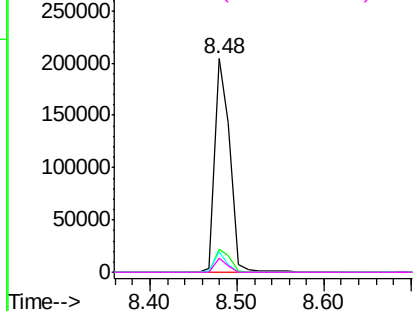
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF079640.D
Acq: 31 May 2015 18:38

Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL4(0-2)

Tgt Ion:	136	Resp:	250560
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.6	6.6	9.8
68	6.9	4.7	7.1

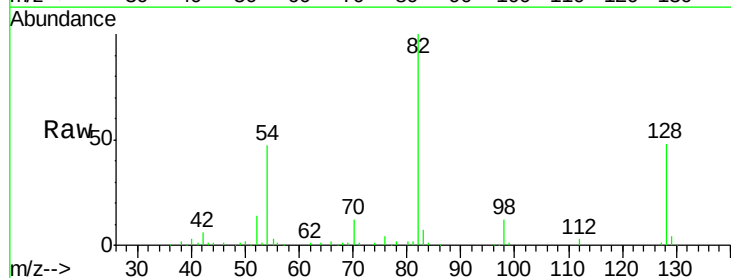


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

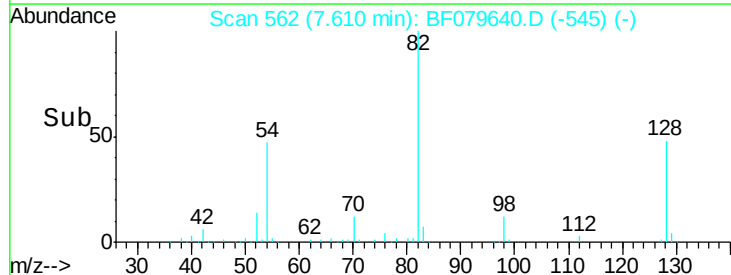
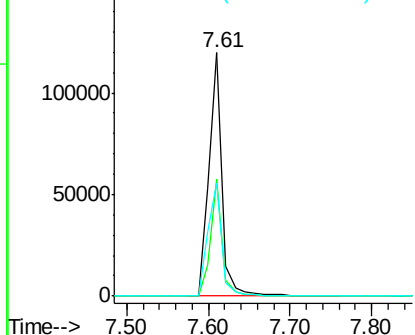


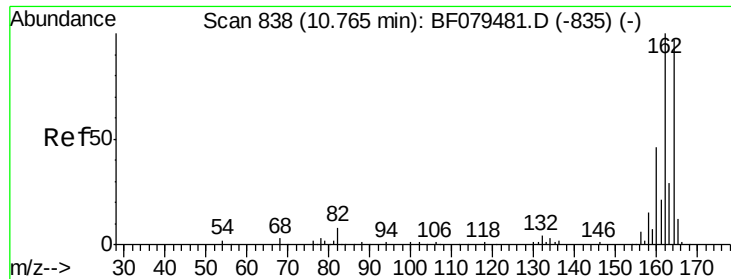
#23
Nitrobenzene-d5
Concen: 31.71 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079640.D
Acq: 31 May 2015 18:38

Tgt Ion:	82	Resp:	137433
Ion	Ratio	Lower	Upper
82	100		
128	48.1	30.8	46.2#
54	46.6	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

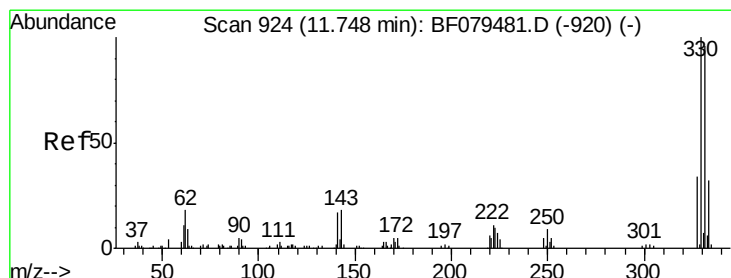
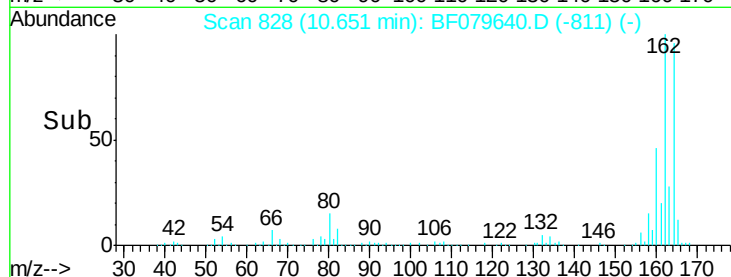
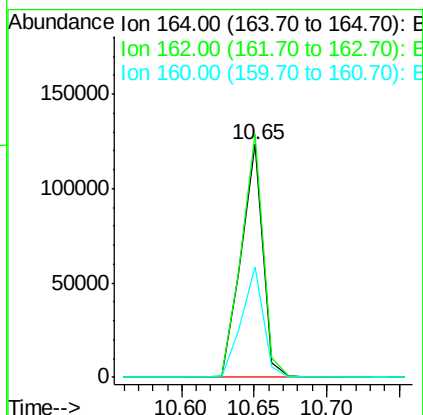
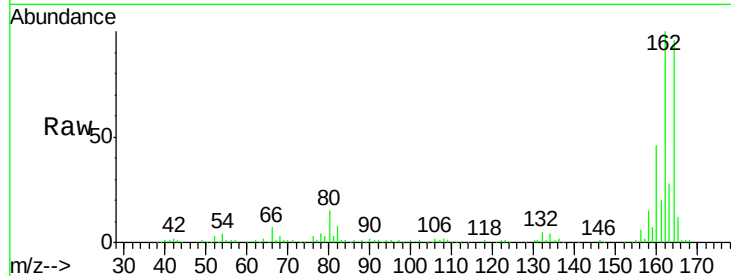




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

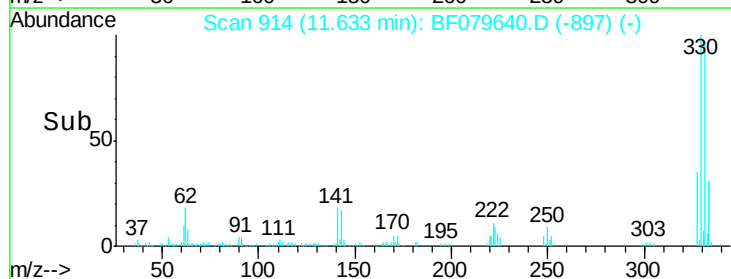
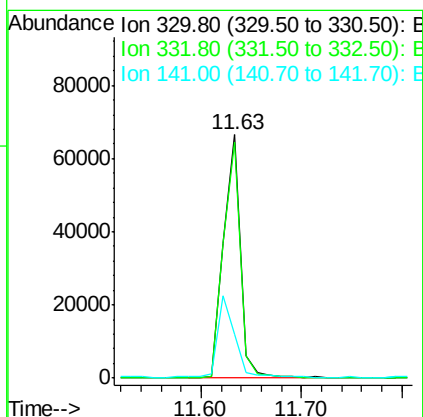
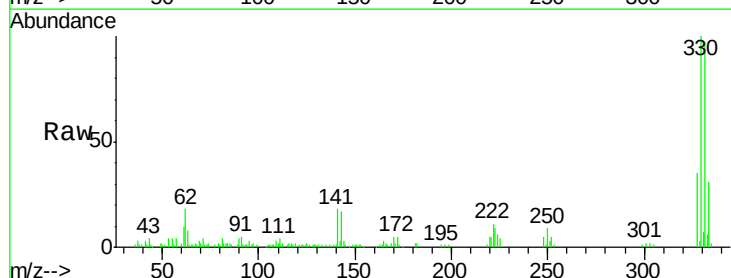
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL4(0-2)

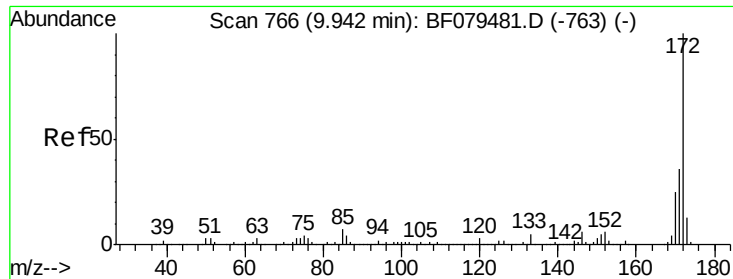
Tgt Ion:164 Resp: 128750
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 124.0
 160 47.5 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 55.01 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

Tgt Ion:330 Resp: 77794
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 35.9 0.0 0.0#

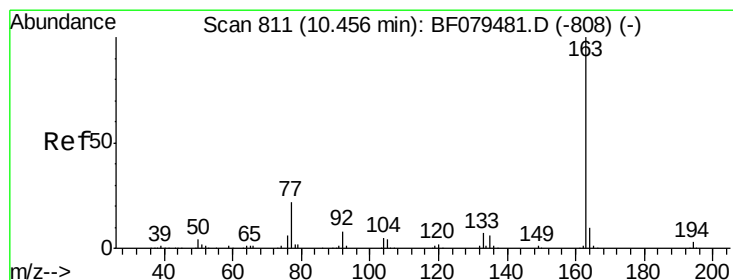
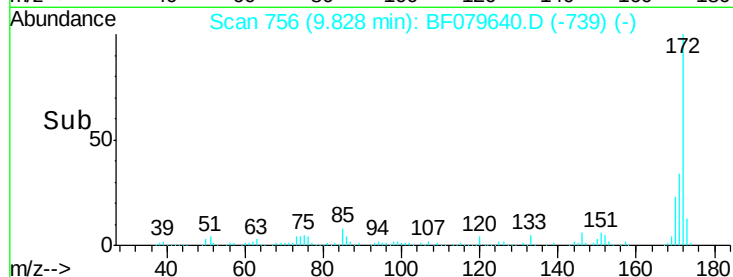
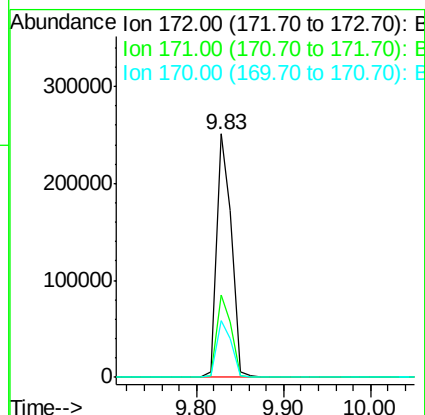
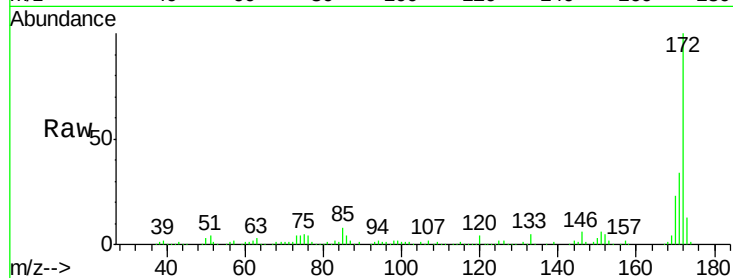




#44
 2-Fluorobiphenyl
 Concen: 33.34 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

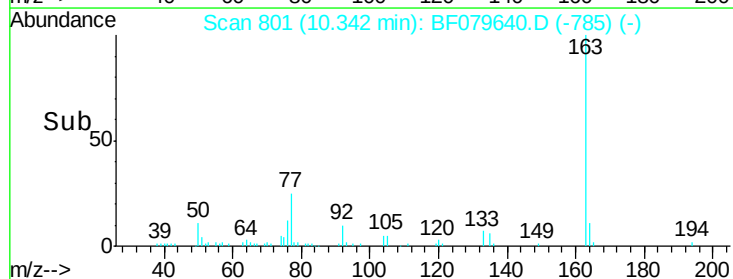
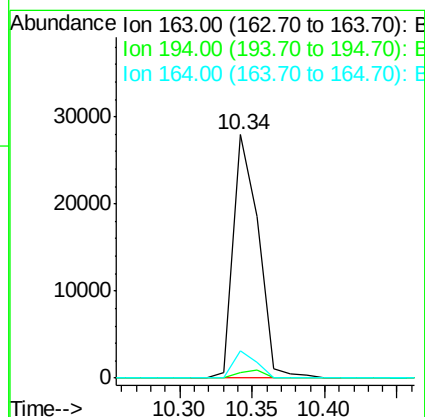
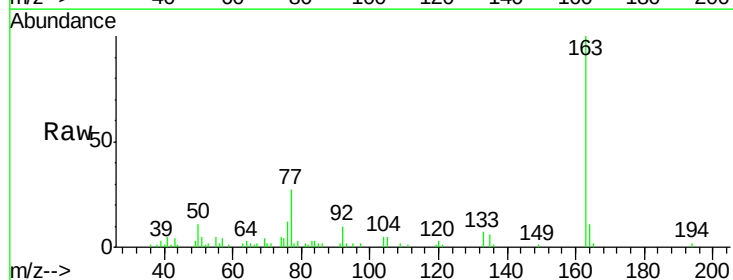
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL4(0-2)

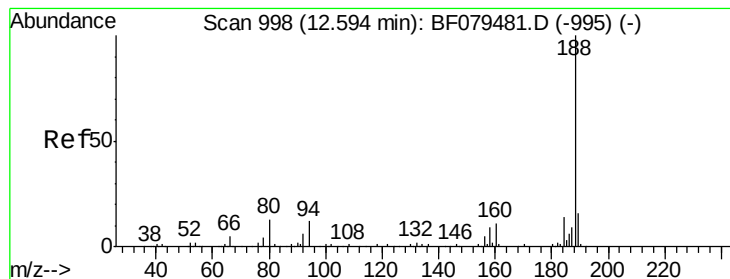
Tgt Ion:172 Resp: 300890
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 23.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 3.55 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF079640.D
 Acq: 31 May 2015 18:38

Tgt Ion:163 Resp: 33702
 Ion Ratio Lower Upper
 163 100
 194 2.2 2.4 3.6#
 164 11.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL4(0-2)

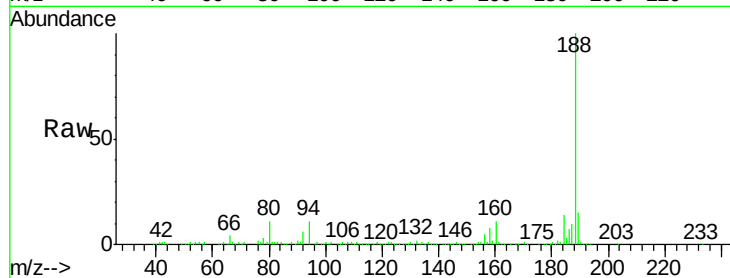
Tgt Ion:188 Resp: 253559

Ion Ratio Lower Upper

188 100

94 10.7 9.8 14.6

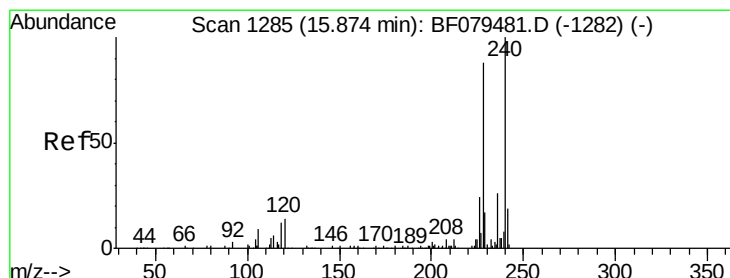
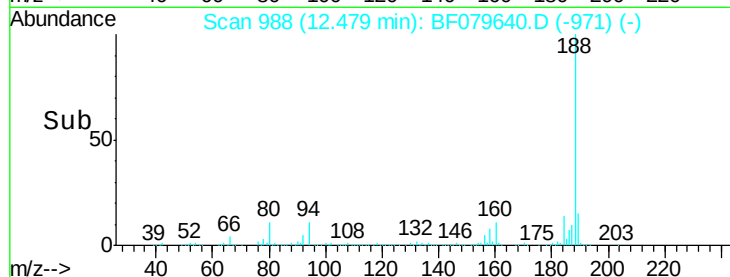
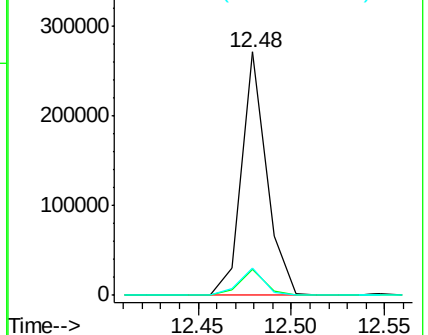
80 11.1 10.5 15.7



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: 15.75 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

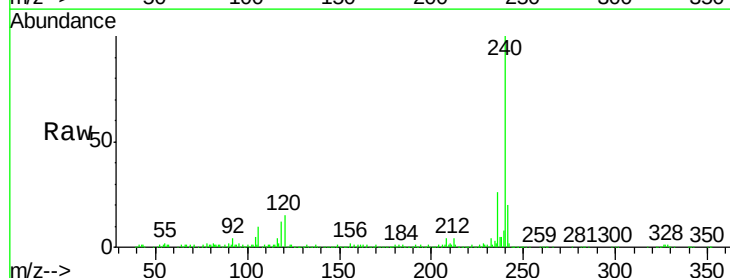
Tgt Ion:240 Resp: 266513

Ion Ratio Lower Upper

240 100

120 14.9 10.8 16.2

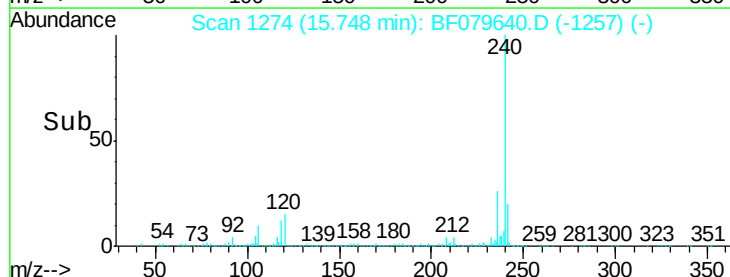
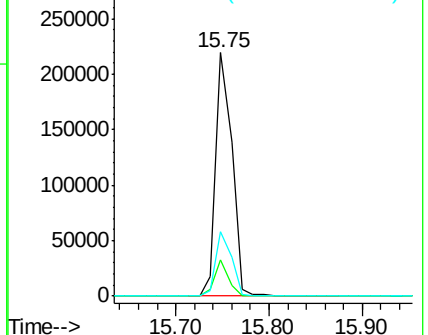
236 26.3 21.0 31.6

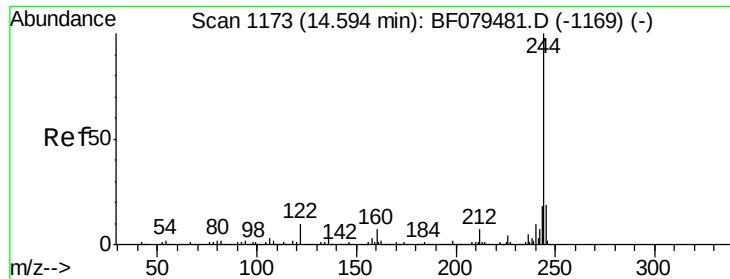


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 32.16 ng

RT: 14.48 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL4(0-2)

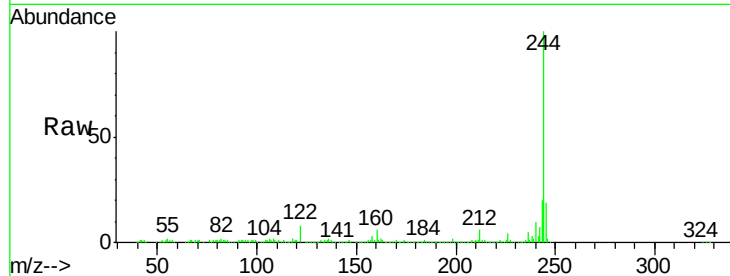
Tgt Ion:244 Resp: 365256

Ion Ratio Lower Upper

244 100

212 6.2 5.2 7.8

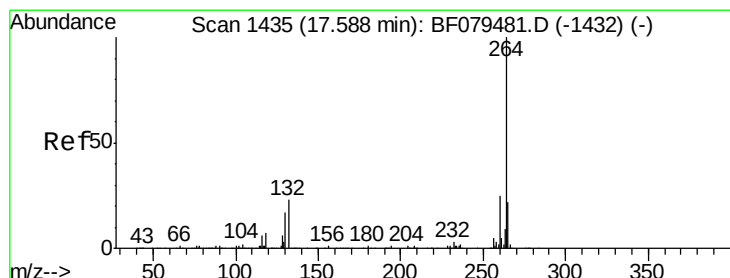
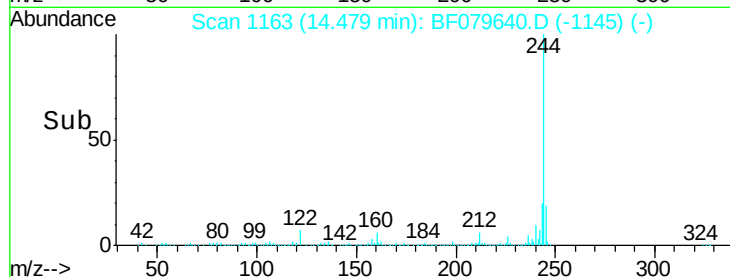
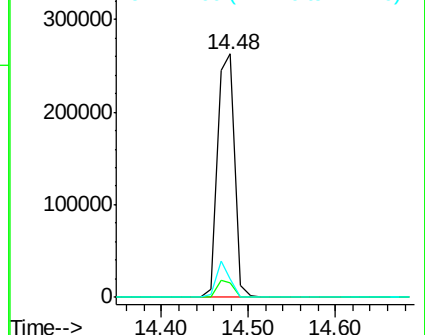
122 7.7 8.0 12.0#



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: 17.43 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF079640.D

Acq: 31 May 2015 18:38

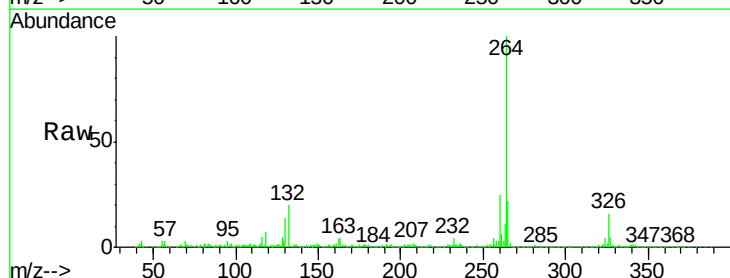
Tgt Ion:264 Resp: 269177

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.8 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

