

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084496.D
 Acq On : 15 Jan 2016 17:42
 Operator : SJ/UM
 Sample : H1140-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-011416

Quant Time: Jan 16 02:40:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

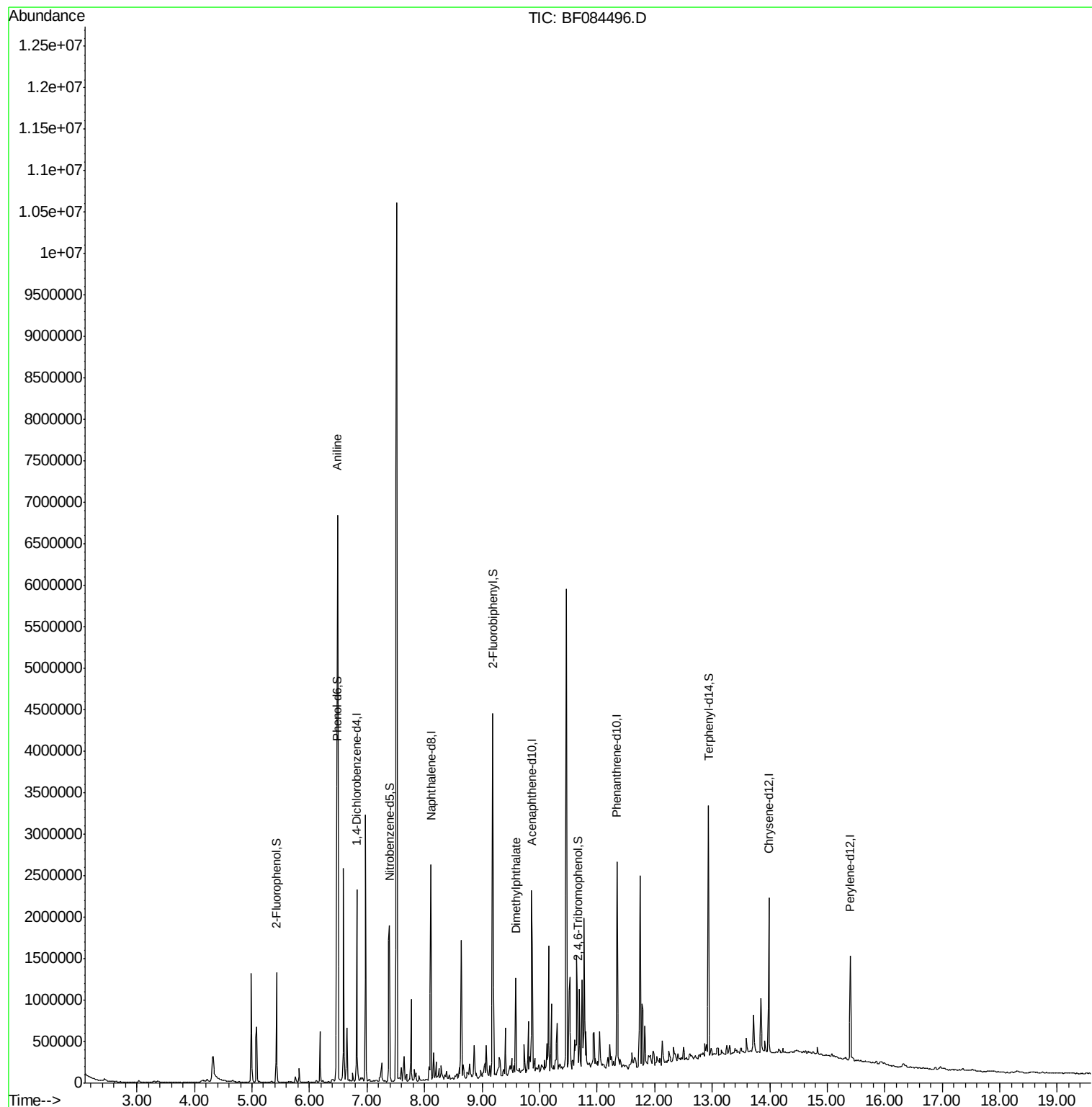
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	304010	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1241776	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	524604	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	886036	20.00	ng	0.00
75) Chrysene-d12	13.99	240	644102	20.00	ng	0.00
86) Perylene-d12	15.40	264	560077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	356279	18.96	ng	0.00
7) Phenol-d6	6.48	99	310604	13.16	ng	0.01
23) Nitrobenzene-d5	7.39	82	870896	39.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	192737	36.39	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1344662	41.88	ng	-0.01
78) Terphenyl-d14	12.93	244	891559	30.90	ng	0.00
Target Compounds						
6) Aniline	6.49	93	2830397	81.96	ng	# 85
49) Dimethylphthalate	9.58	163	389927	10.40	ng	# 91

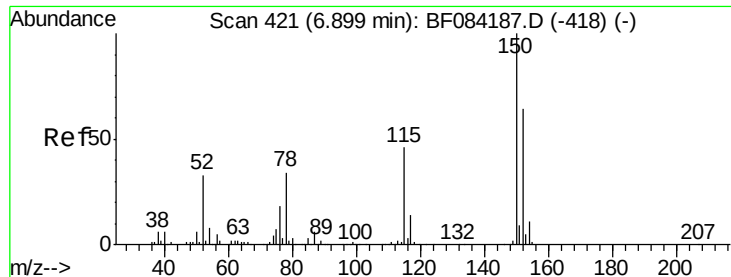
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 02:40:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

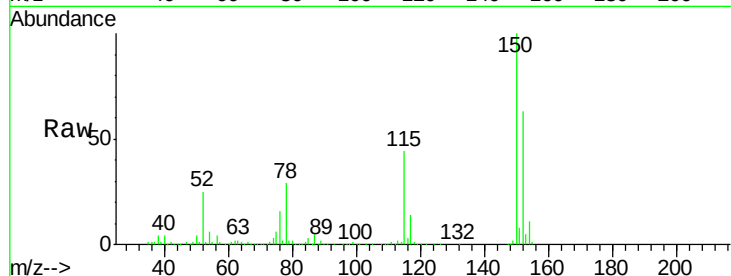
Tot Ion:152 Resp: 304010

Ion Ratio Lower Upper

152 100

150 158.7 123.0 184.4

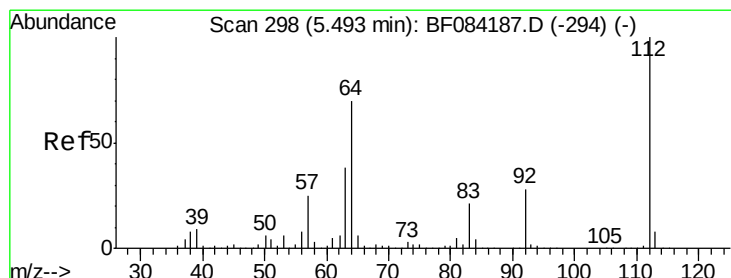
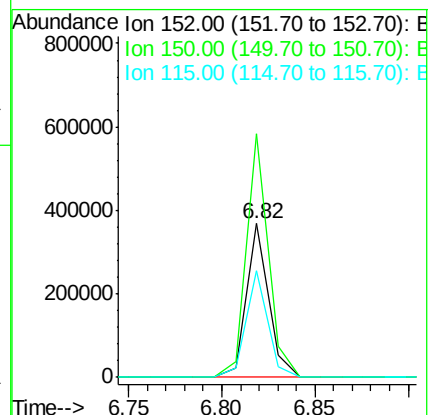
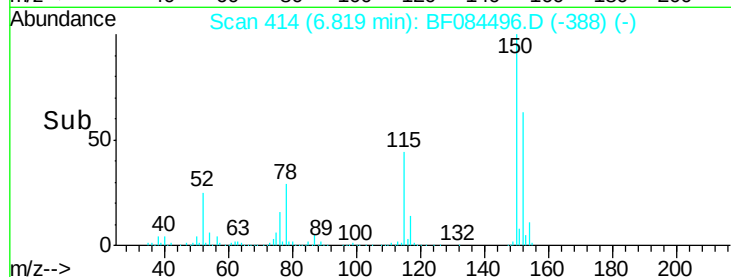
115 69.8 51.4 77.2



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: 18.96 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

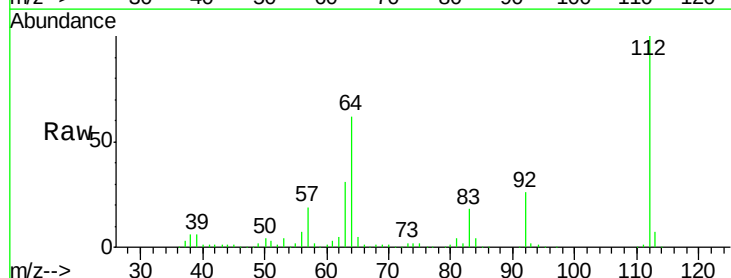
Tgt Ion:112 Resp: 356279

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

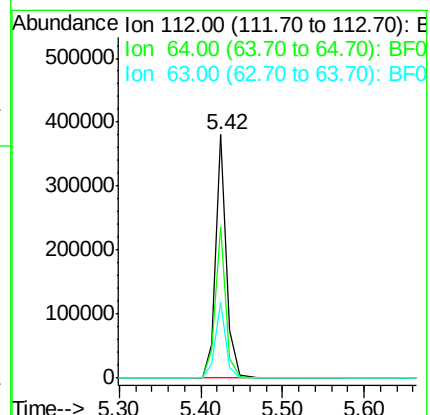
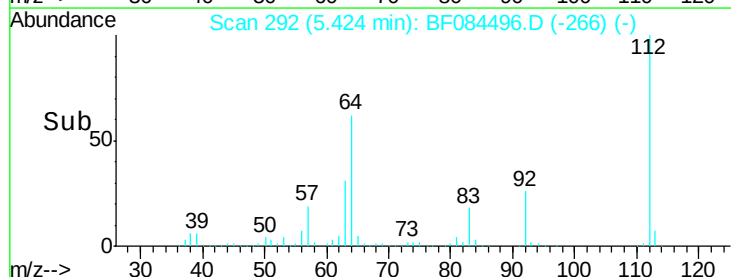
63 31.3 19.4 29.0#

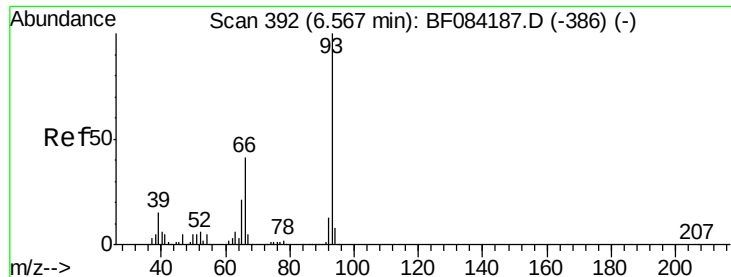


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 81.96 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

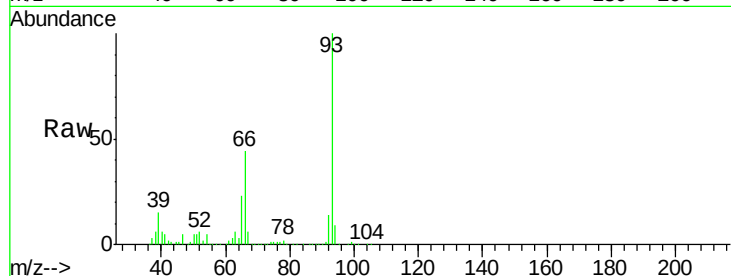
Tot Ion: 93 Resp: 2830397

Ion Ratio Lower Upper

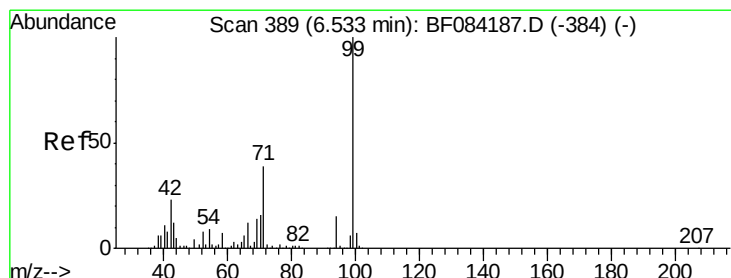
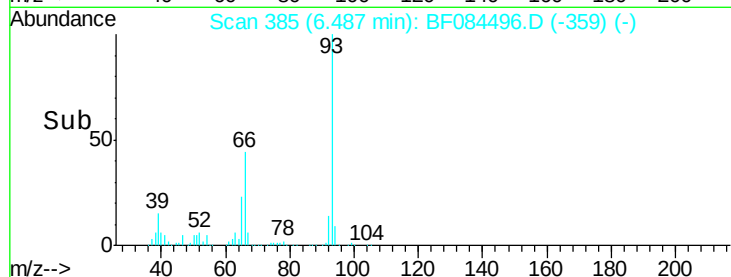
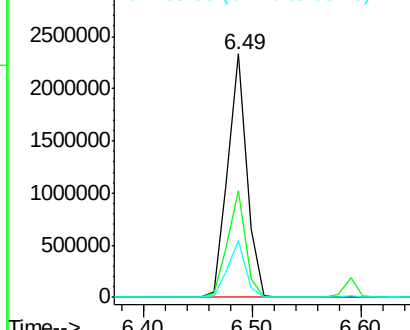
93 100

66 43.9 44.9 67.3#

65 23.3 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 13.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

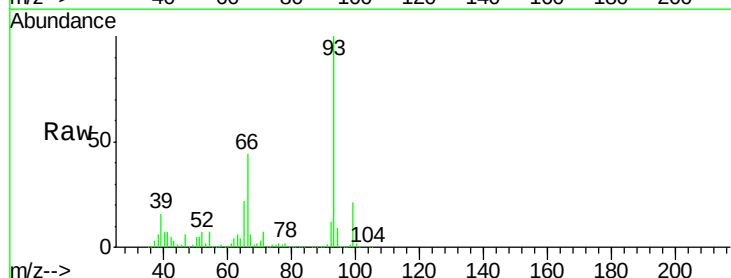
Tgt Ion: 99 Resp: 310604

Ion Ratio Lower Upper

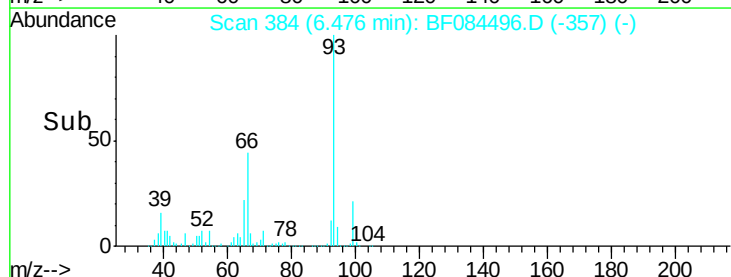
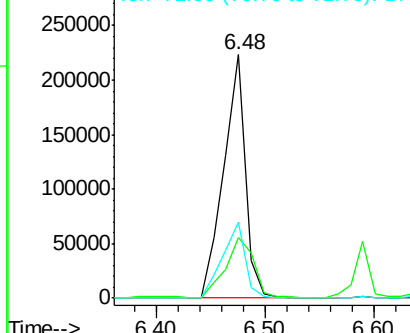
99 100

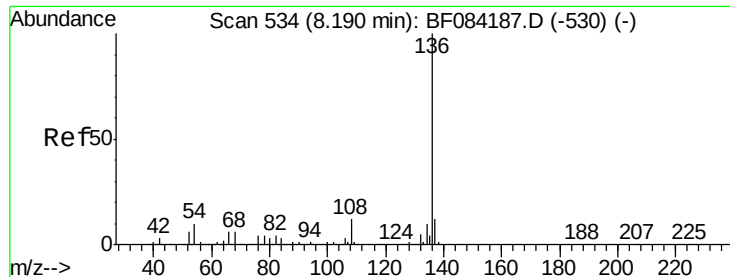
42 24.8 12.8 19.2#

71 31.2 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

Tot Ion:136 Resp: 1241776

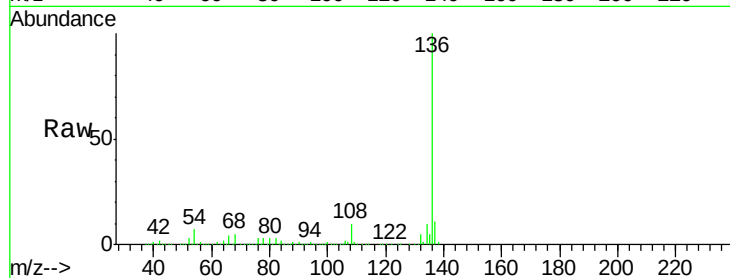
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	5.8	8.8
68	4.9	4.2	6.2

136 100

137 11.2 8.7 13.1

54 7.3 5.8 8.8

68 4.9 4.2 6.2

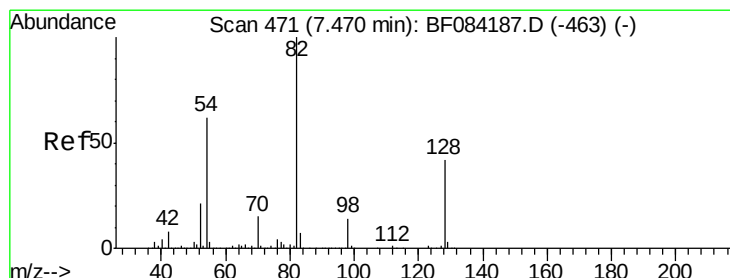
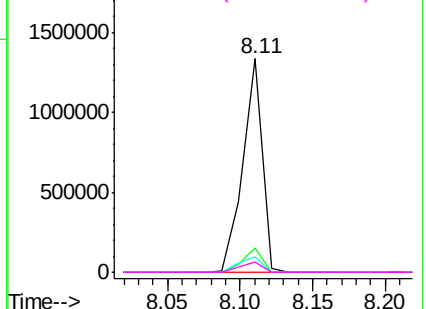
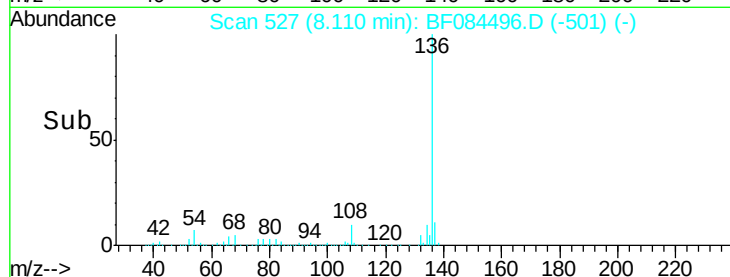


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.03 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

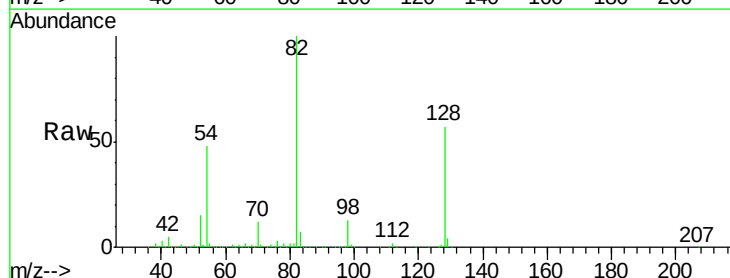
Tgt Ion: 82 Resp: 870896

Ion	Ratio	Lower	Upper
82	100		
128	56.9	34.6	51.8#
54	47.7	38.4	57.6

82 100

128 56.9 34.6 51.8#

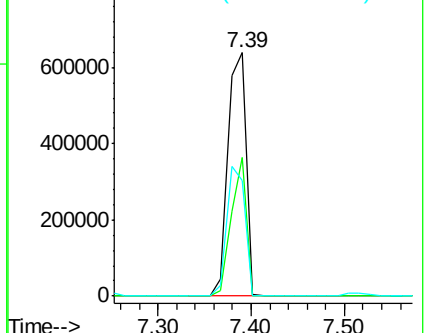
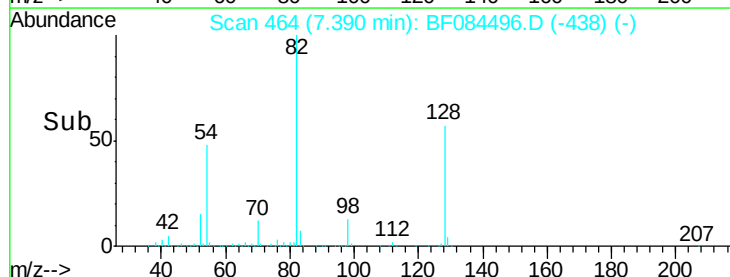
54 47.7 38.4 57.6

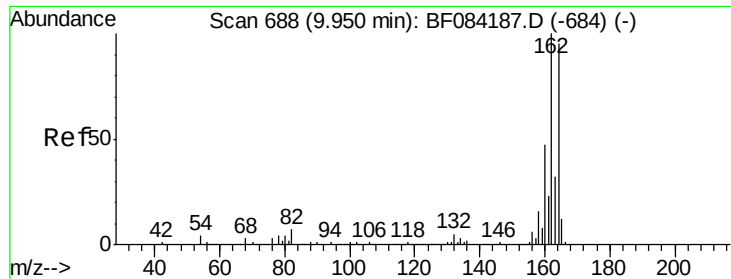


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

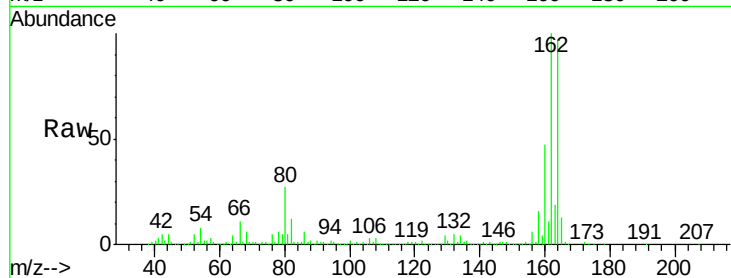
Tot Ion:164 Resp: 524604

Ion Ratio Lower Upper

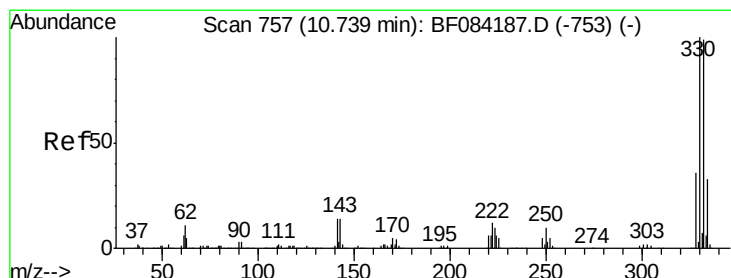
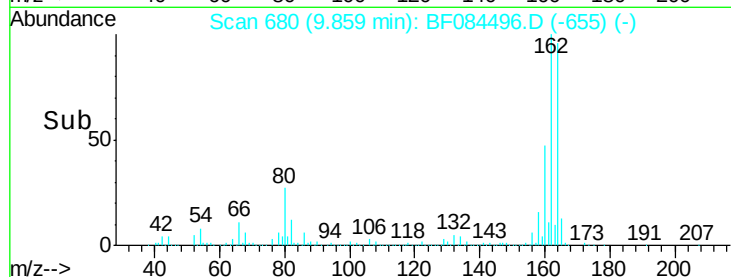
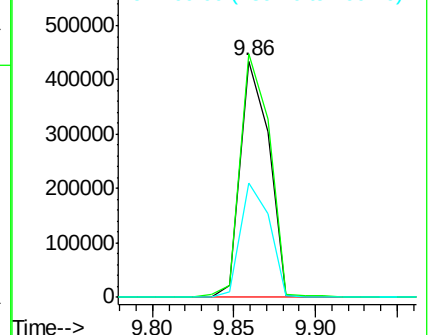
164 100

162 103.0 85.1 127.7

160 48.6 37.5 56.3



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: 36.39 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

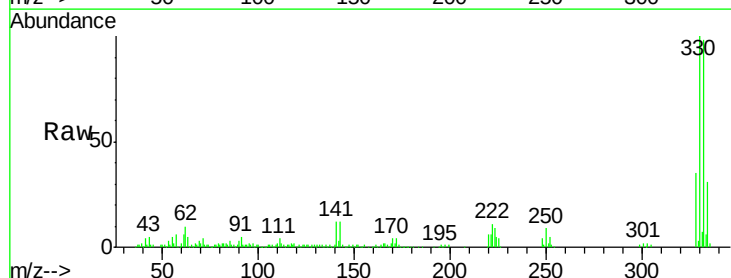
Tgt Ion:330 Resp: 192737

Ion Ratio Lower Upper

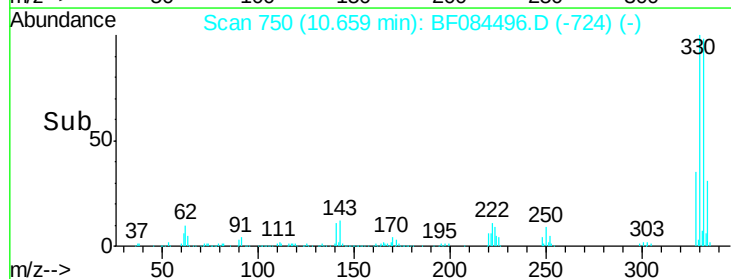
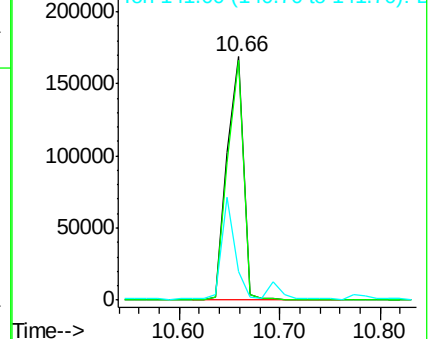
330 100

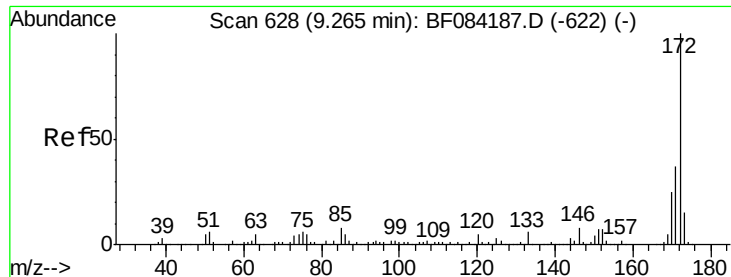
332 96.5 76.6 114.8

141 34.5 27.8 41.6



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

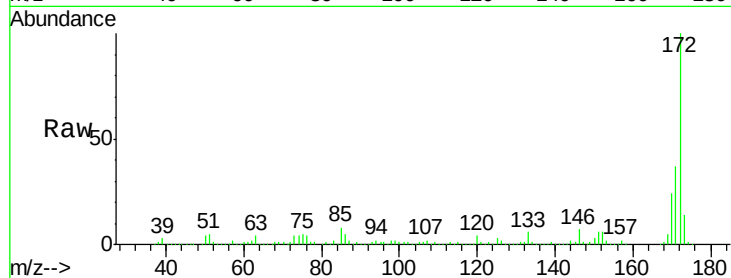




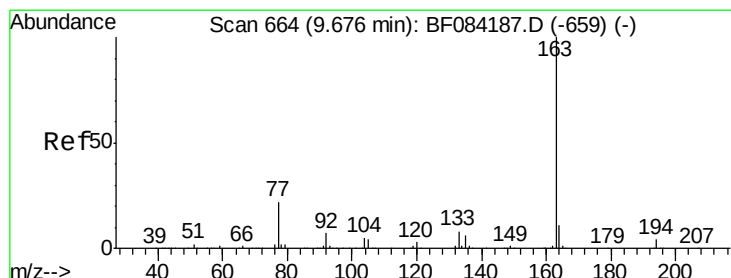
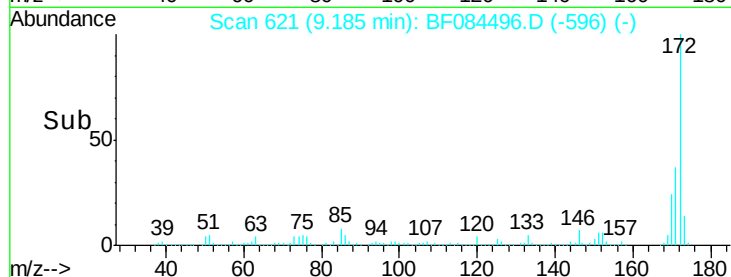
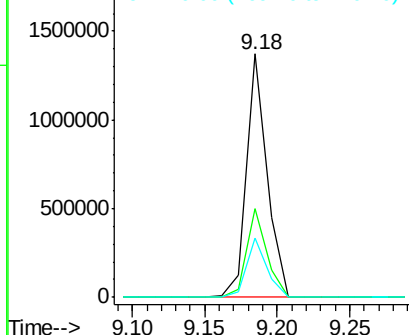
#44
2-Fluorobiphenyl
Concen: 41.88 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084496.D
Acq: 15 Jan 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416

Tot Ion:172 Resp: 1344662
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.5 18.6 27.8

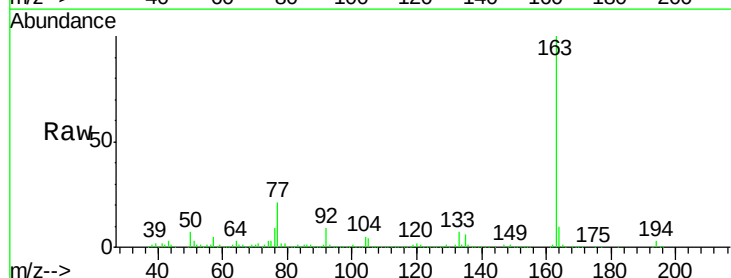


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

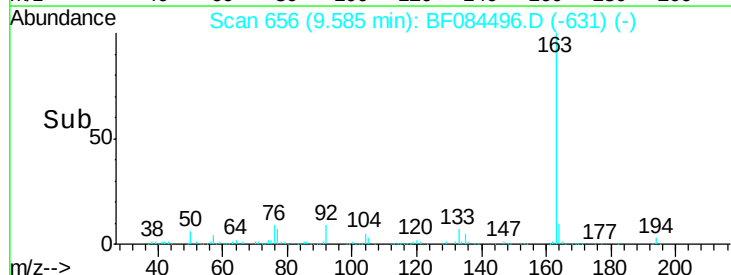
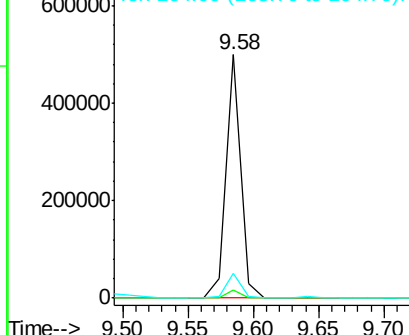


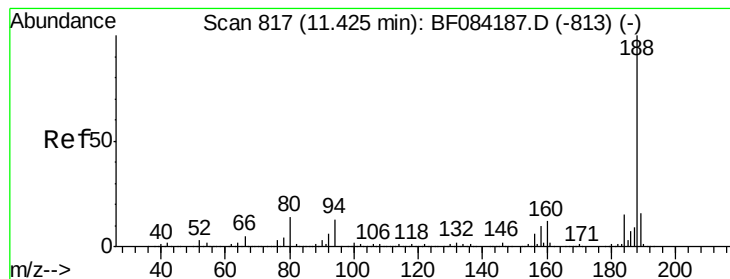
#49
Dimethylphthalate
Concen: 10.40 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084496.D
Acq: 15 Jan 2016 17:42

Tgt Ion:163 Resp: 389927
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

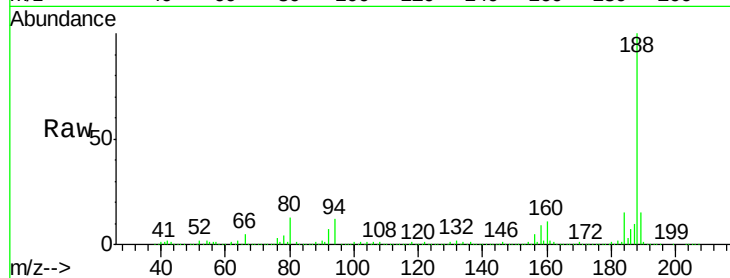
Tot Ion:188 Resp: 886036

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.4

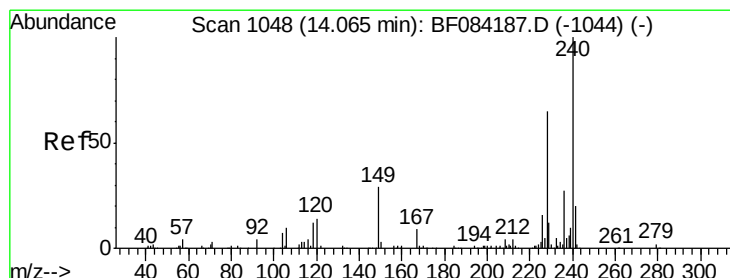
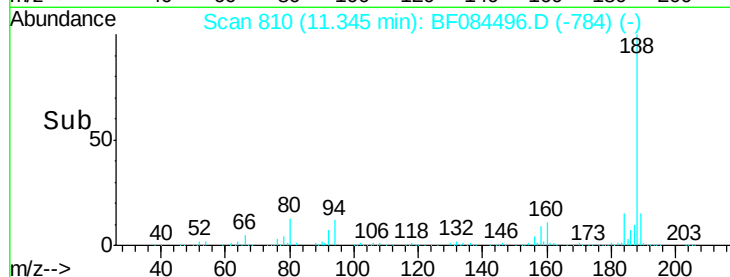
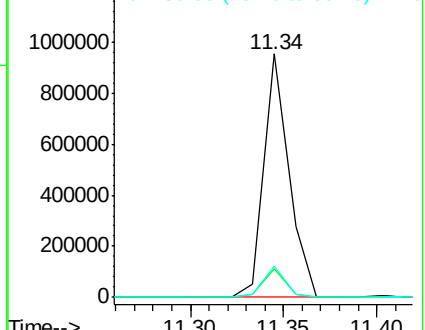
80 13.0 9.6 14.4



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: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

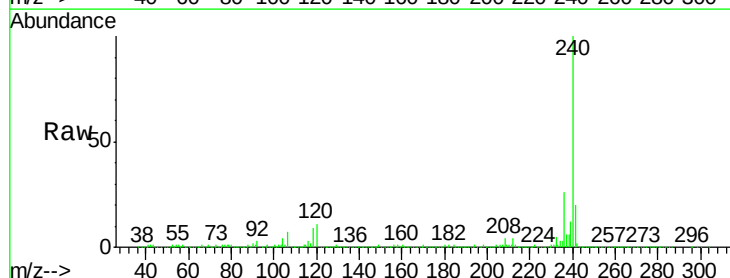
Tgt Ion:240 Resp: 644102

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

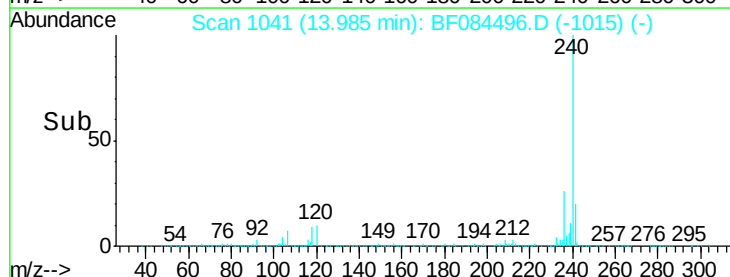
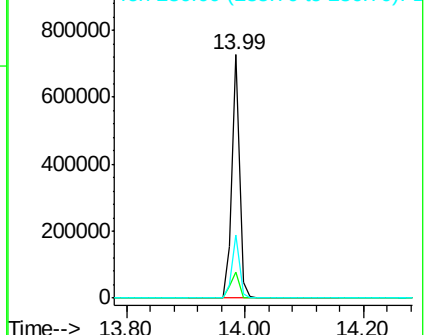
236 25.9 20.6 31.0

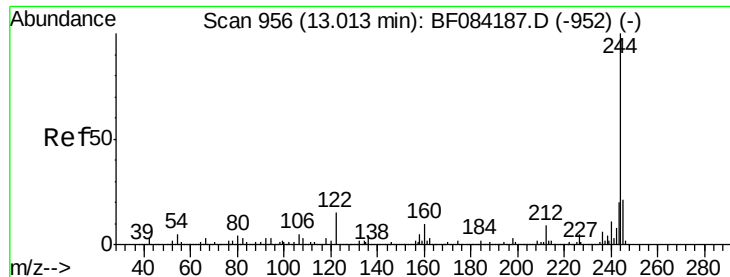


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.90 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

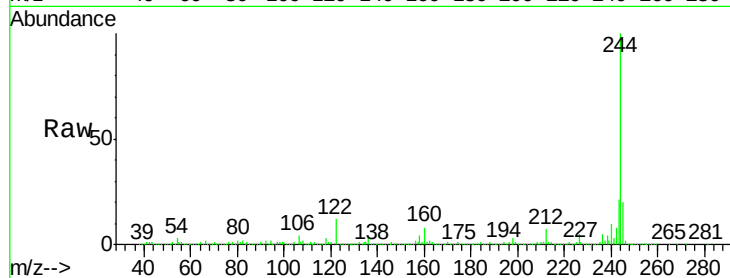
Tot Ion:244 Resp: 891559

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

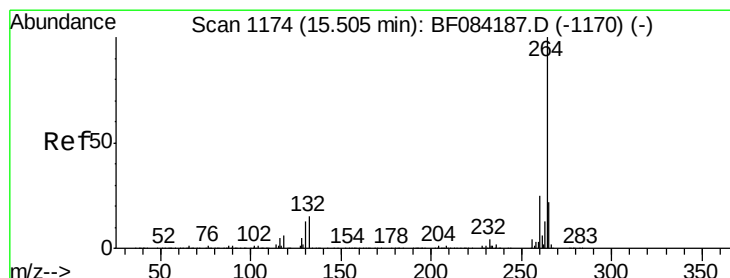
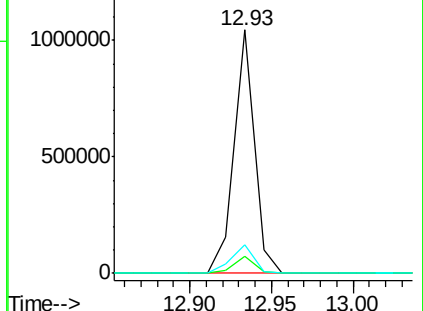
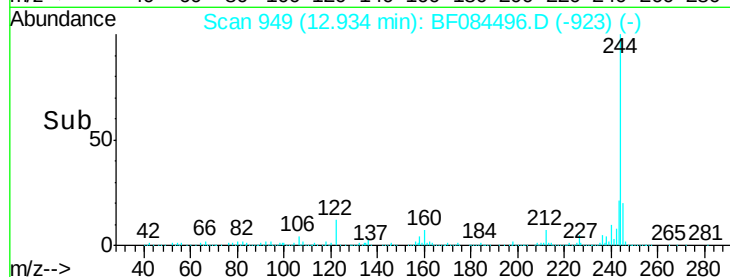
122 11.8 7.4 11.0#



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: 15.40 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF084496.D

Acq: 15 Jan 2016 17:42

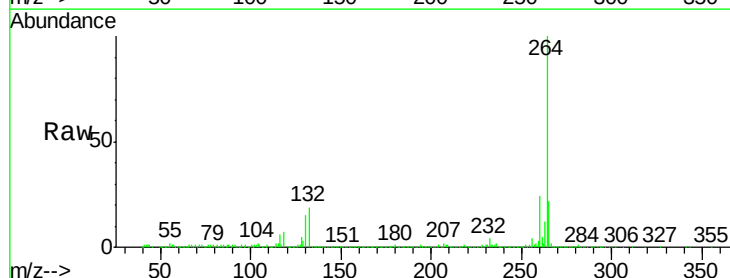
Tgt Ion:264 Resp: 560077

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

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

