

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082124.D
 Acq On : 8 Oct 2015 13:12
 Operator : UM/IZ
 Sample : G3927-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

Quant Time: Oct 09 05:17:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

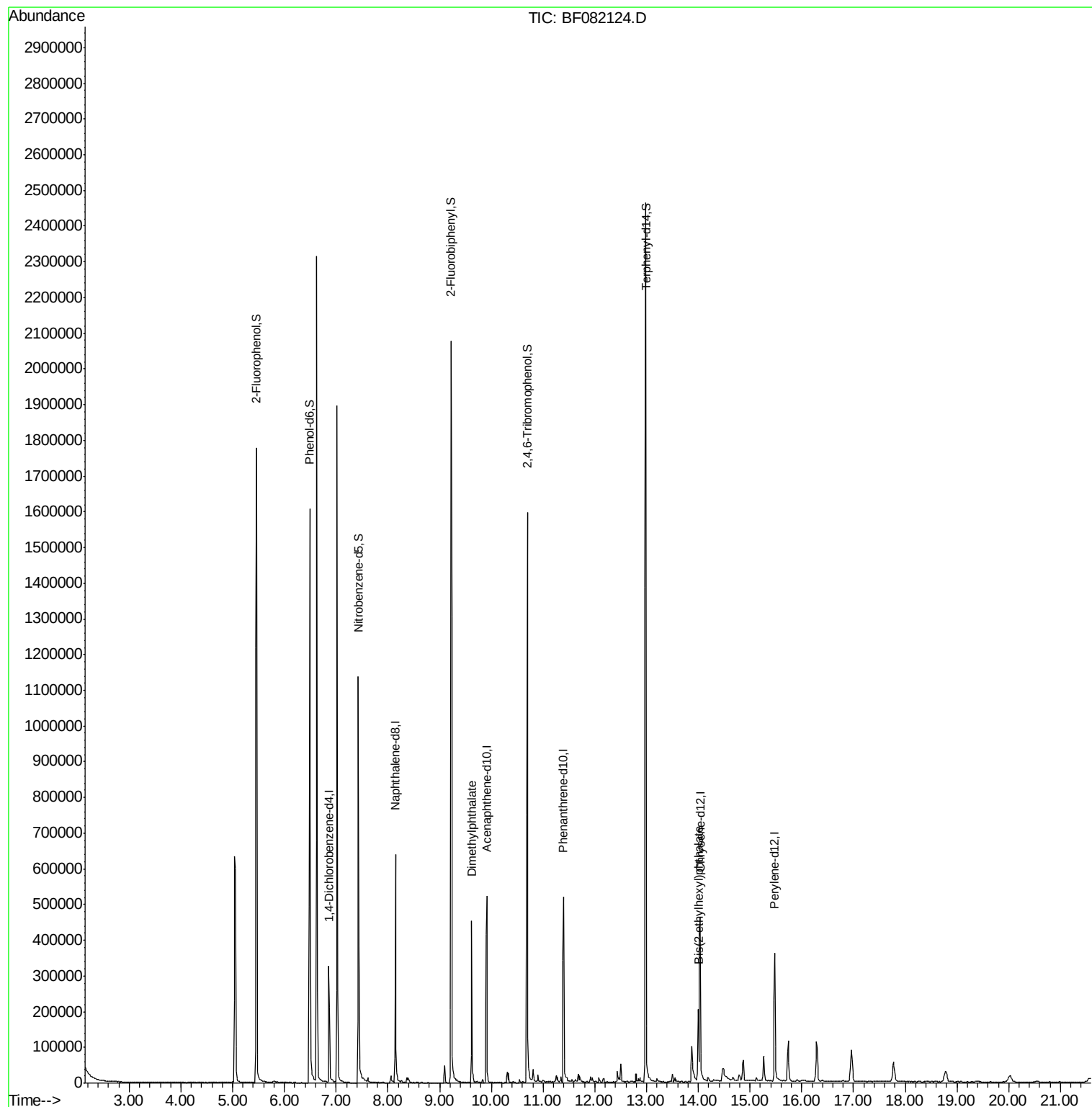
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74575	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	314602	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	153239	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	301030	20.00	ng	0.00
75) Chrysene-d12	14.04	240	287452	20.00	ng	-0.01
86) Perylene-d12	15.48	264	213580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	657588	160.07	ng	0.01
7) Phenol-d6	6.49	99	772412	149.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	466360	98.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	236739	152.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	922971	105.74	ng	-0.01
78) Terphenyl-d14	12.98	244	1012985	134.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	199855	18.89	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.00	149	132559	16.35	ng	# 93

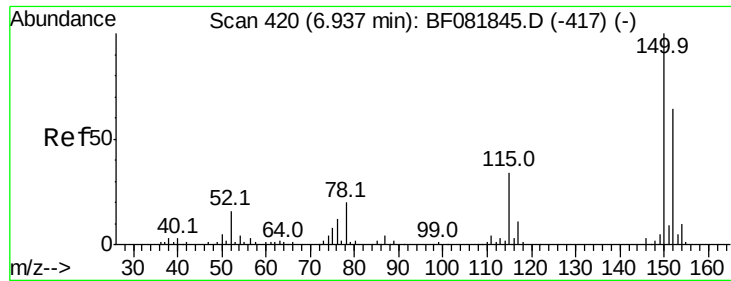
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

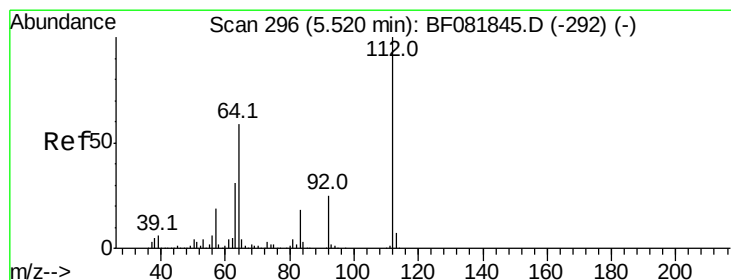
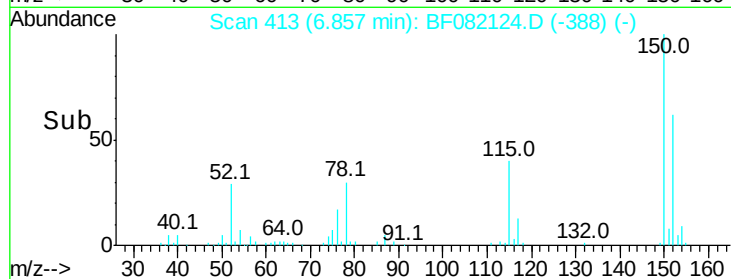
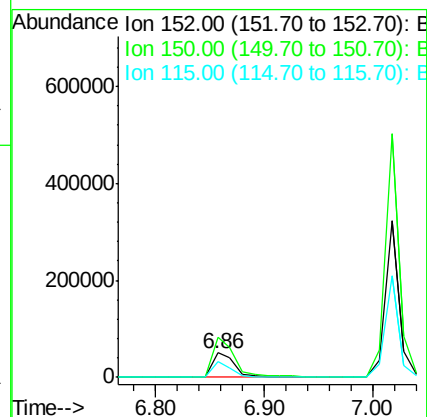
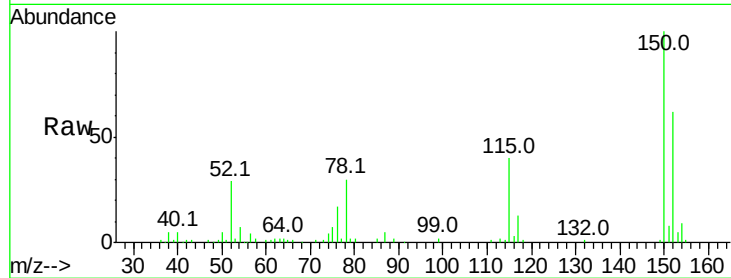
Tot Ion:152 Resp: 74575

Ion Ratio Lower Upper

152 100

150 161.7 124.7 187.1

115 64.5 39.0 58.4#



#5

2-Fluorophenol

Concen: 160.07 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

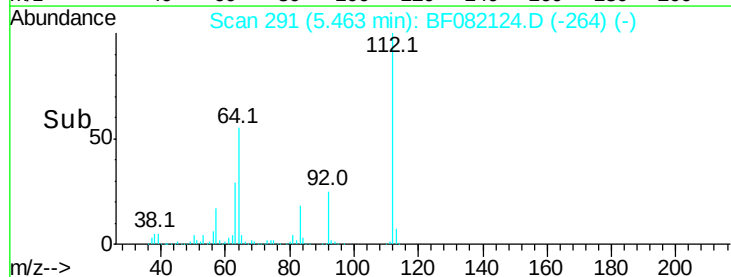
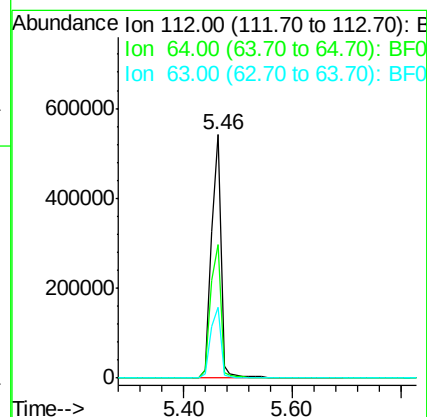
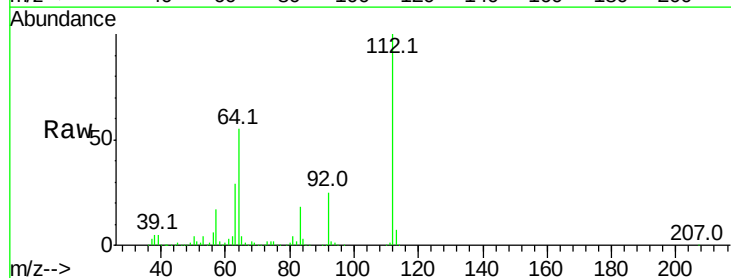
Tgt Ion:112 Resp: 657588

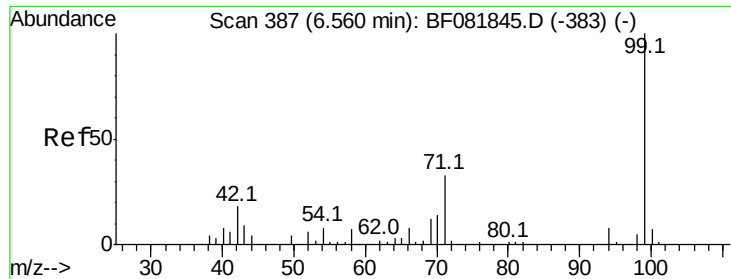
Ion Ratio Lower Upper

112 100

64 55.0 39.7 59.5

63 29.3 17.4 26.0#





#7

Phenol-d6

Concen: 149.42 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

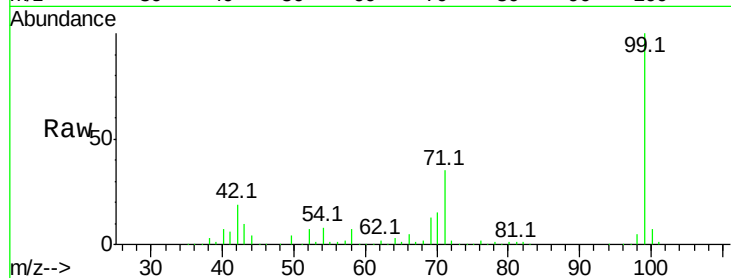
Tot Ion: 99 Resp: 772412

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

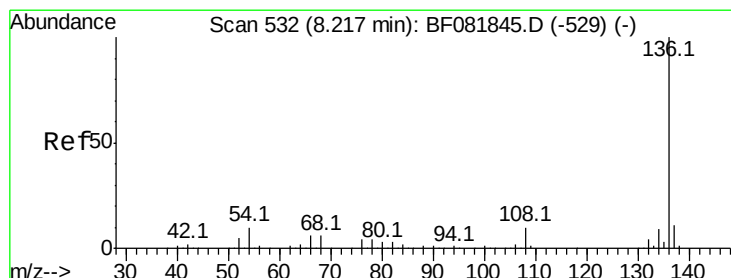
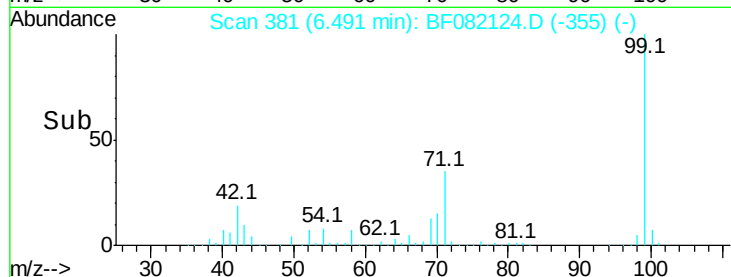
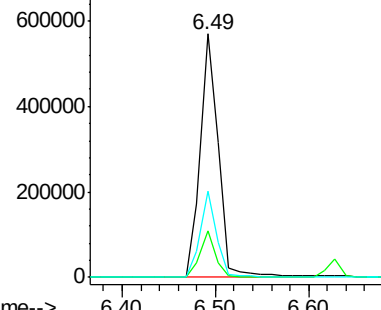
71 35.4 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Tgt Ion:136 Resp: 314602

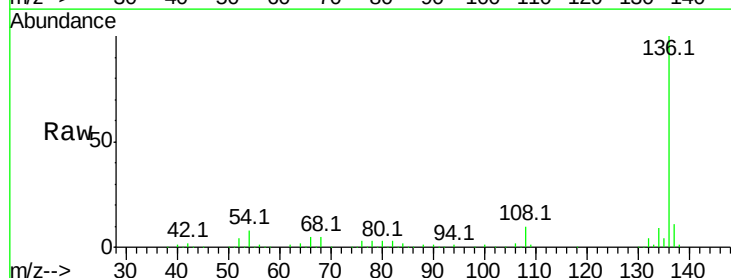
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.7 8.2 12.2#

68 5.0 5.8 8.6#

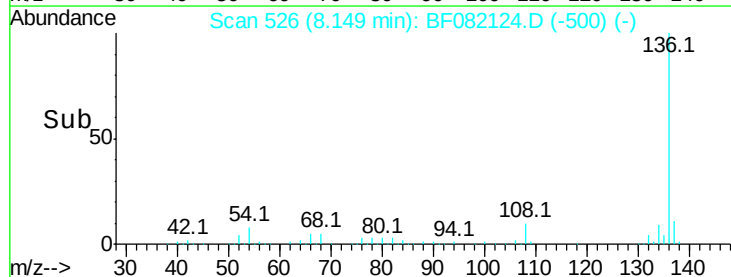
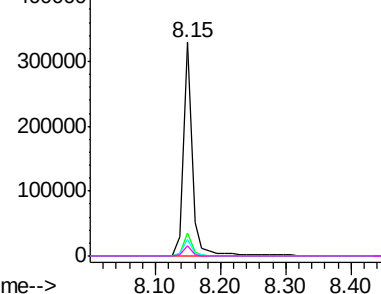


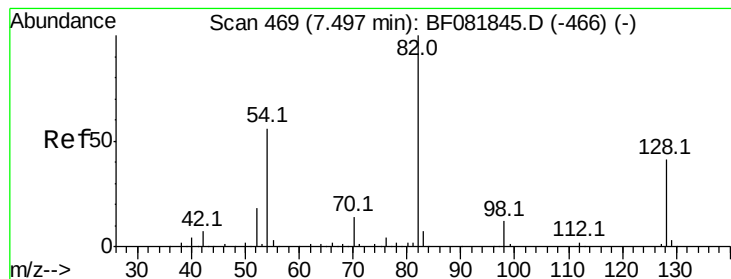
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.82 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

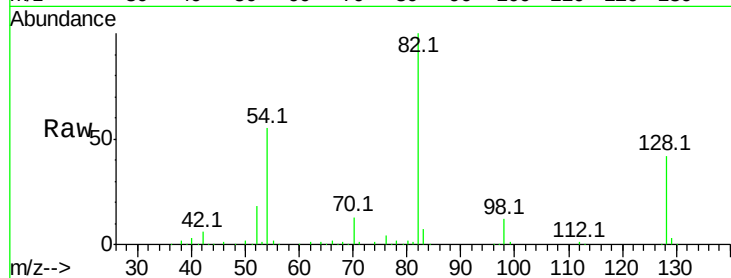
Tot Ion: 82 Resp: 466360

Ion Ratio Lower Upper

82 100

128 41.6 51.0 76.6#

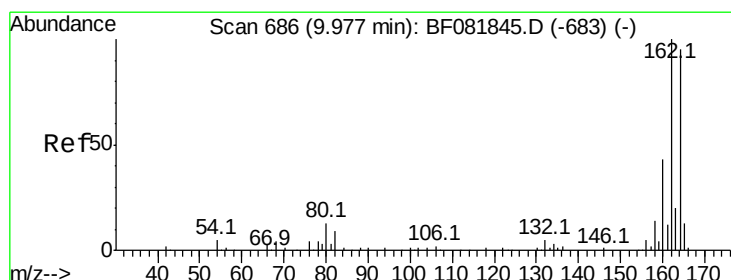
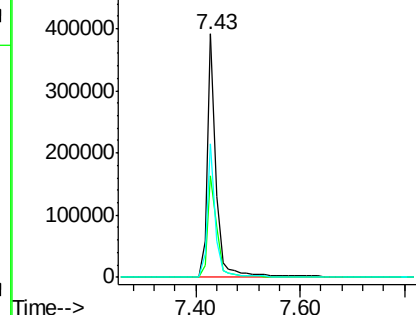
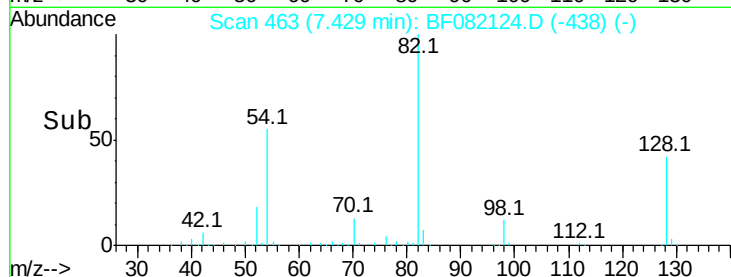
54 55.1 47.5 71.3



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: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

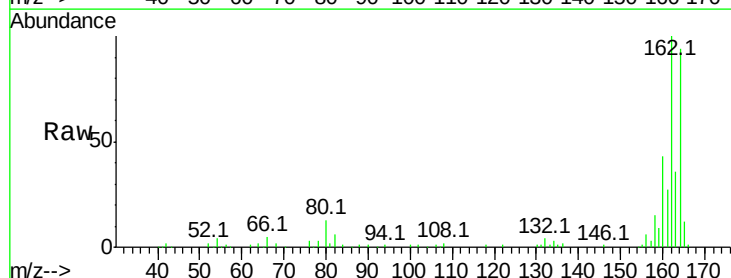
Tgt Ion:164 Resp: 153239

Ion Ratio Lower Upper

164 100

162 106.4 75.2 112.8

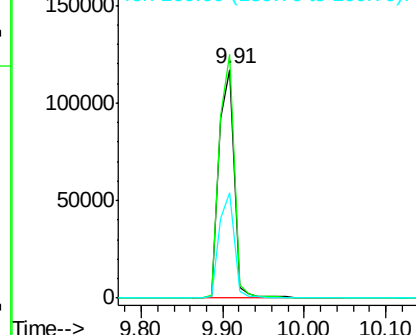
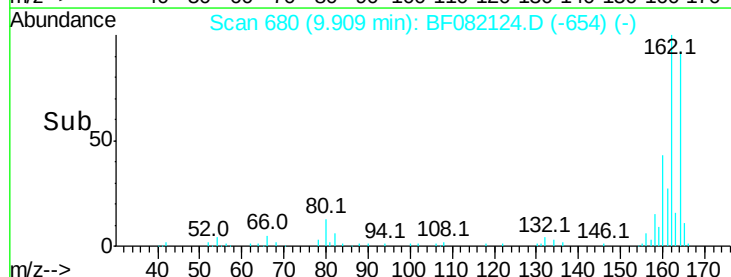
160 46.3 31.5 47.3

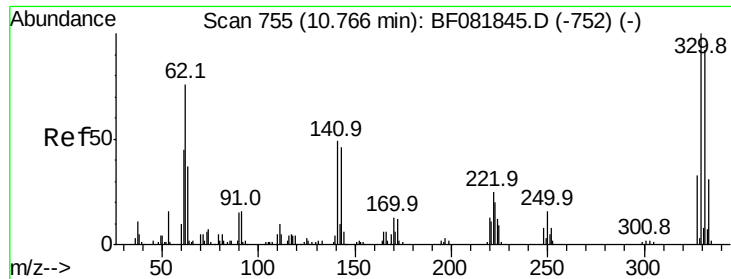


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

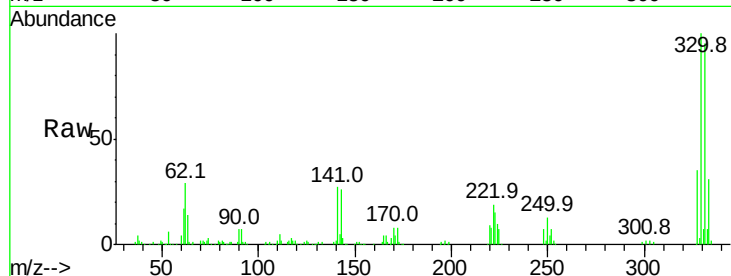




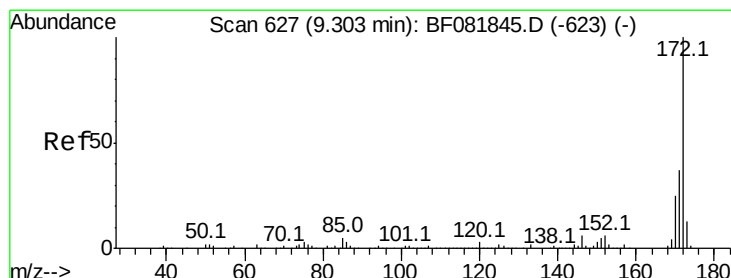
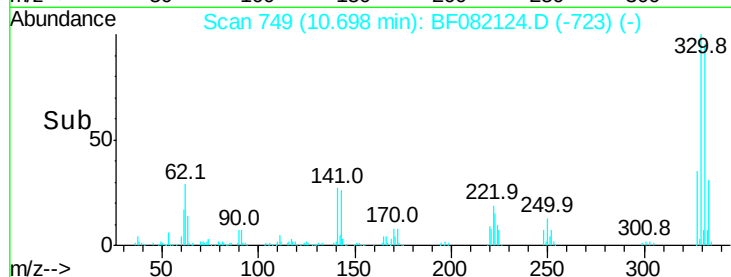
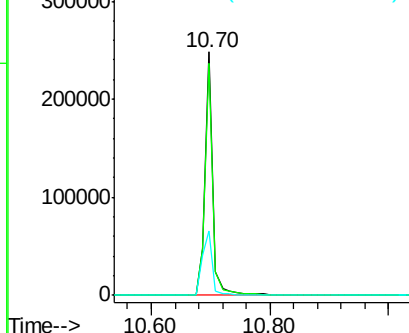
#41
 2,4,6-Tribromophenol
 Concen: 152.54 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.5	29.7	44.5

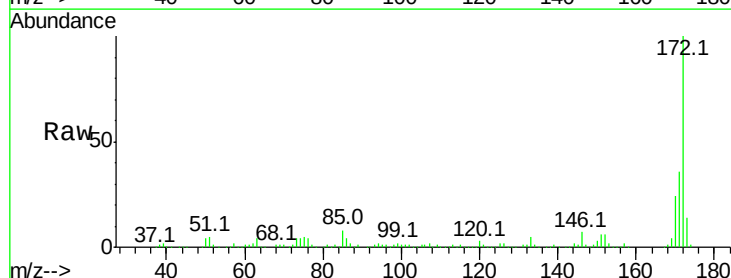


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

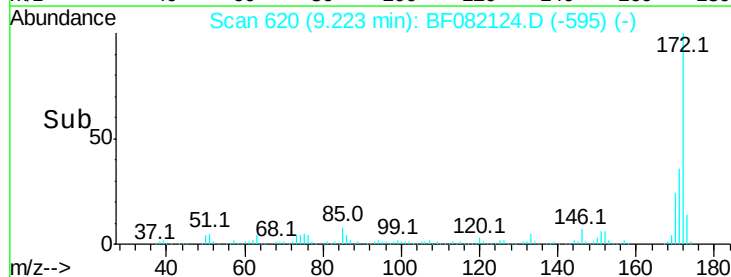
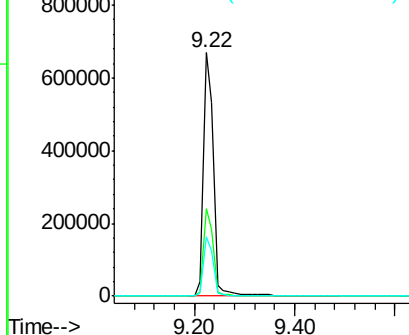


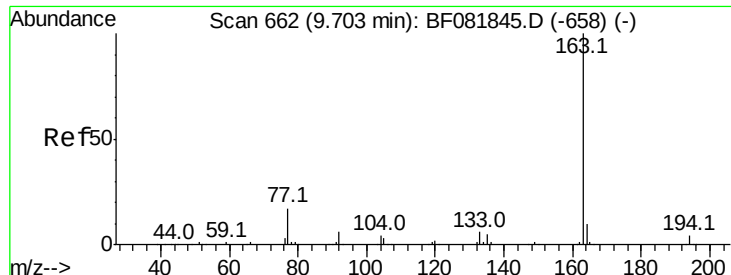
#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.4	17.4	26.2



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: 18.89 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

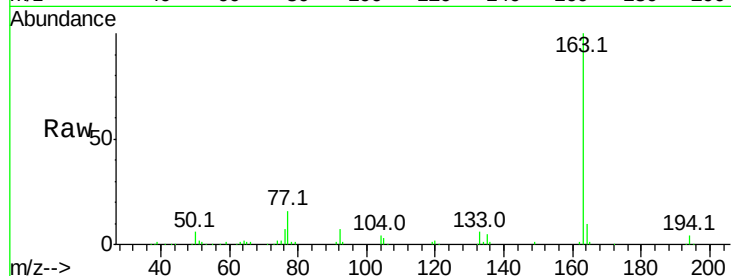
Tot Ion:163 Resp: 199855

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

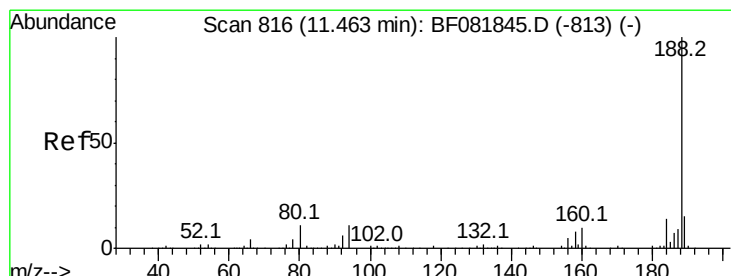
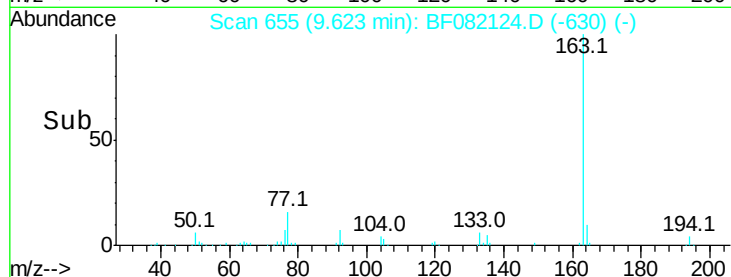
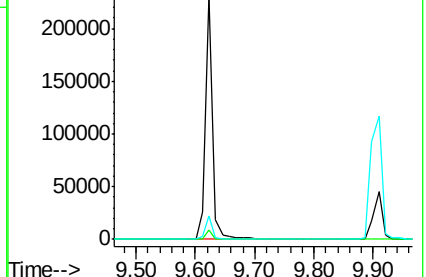
164 9.9 8.3 12.5



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: 11.39 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

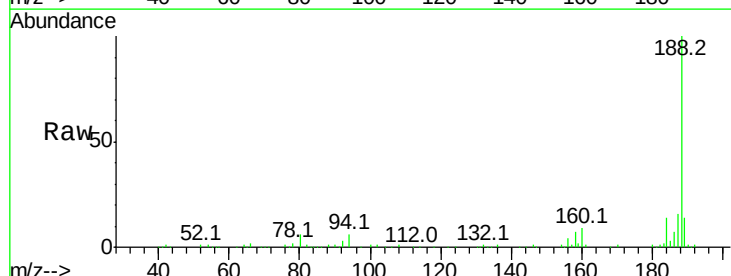
Tgt Ion:188 Resp: 301030

Ion Ratio Lower Upper

188 100

94 6.2 11.1 16.7#

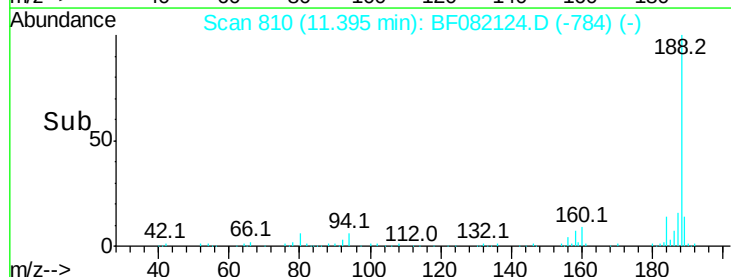
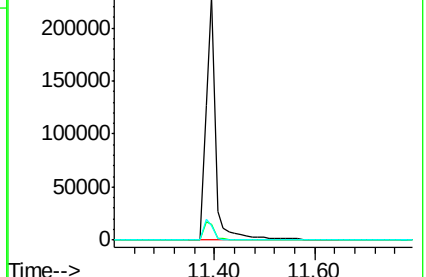
80 6.1 11.0 16.4#

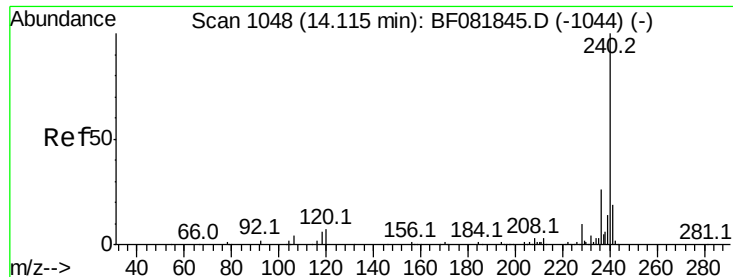


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

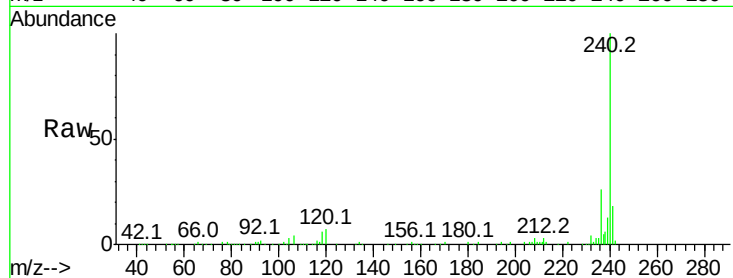
Tot Ion:240 Resp: 287452

Ion Ratio Lower Upper

240 100

120 7.0 16.2 24.2#

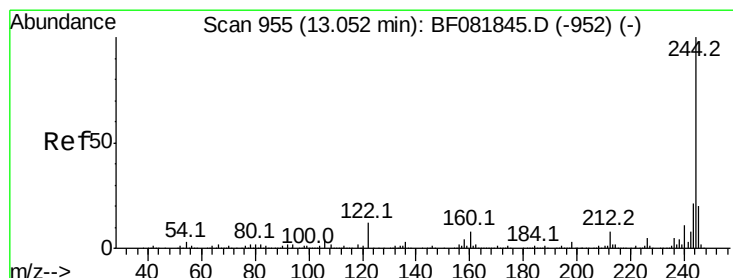
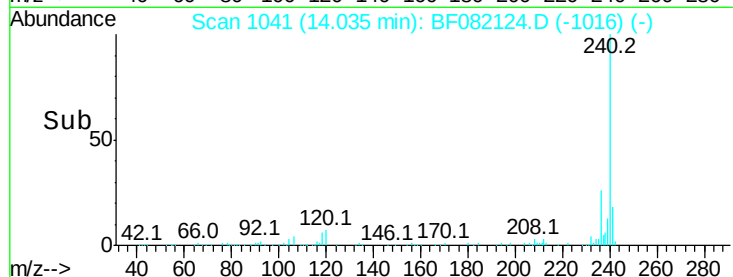
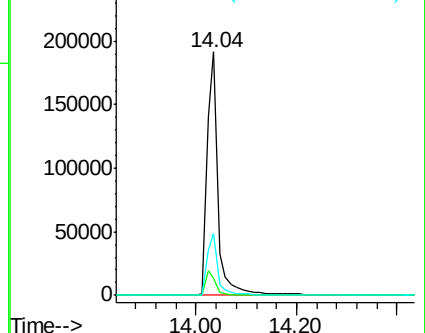
236 25.7 18.4 27.6



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: 134.95 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

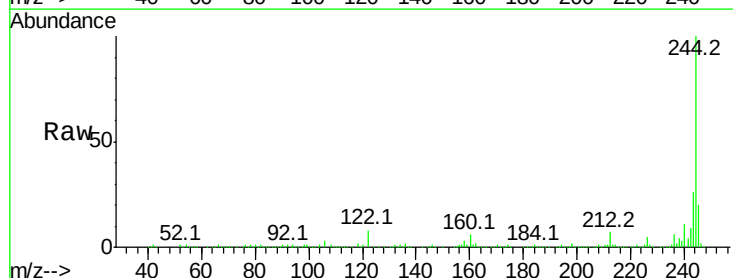
Tgt Ion:244 Resp: 1012985

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

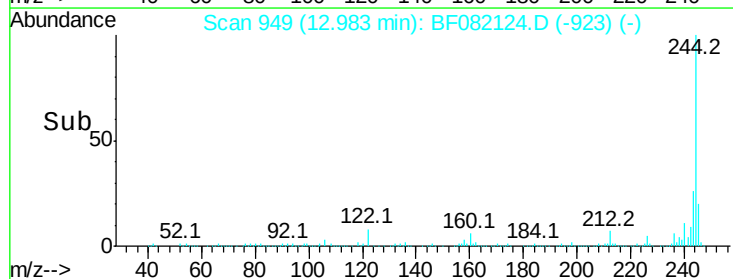
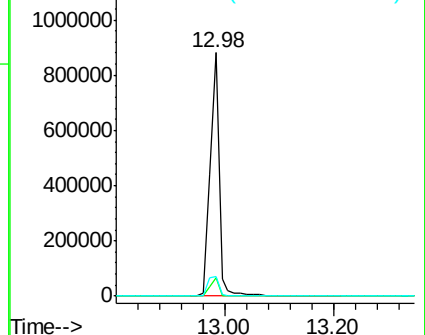
122 7.8 17.4 26.2#

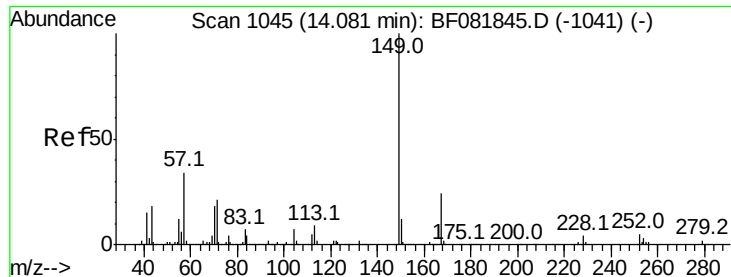


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.35 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

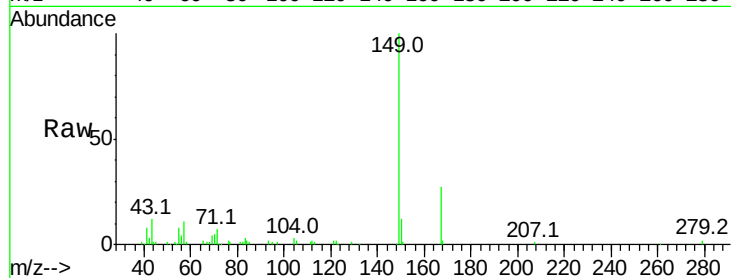
Tot Ion:149 Resp: 132559

Ion Ratio Lower Upper

149 100

167 26.6 24.2 36.2

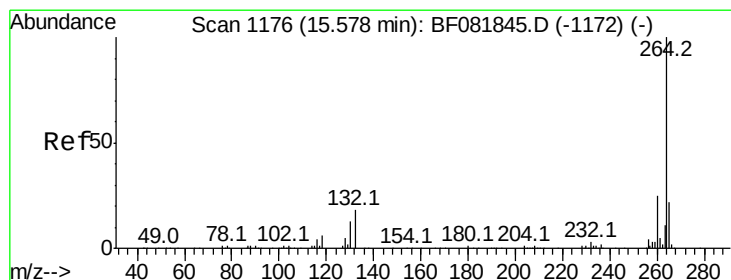
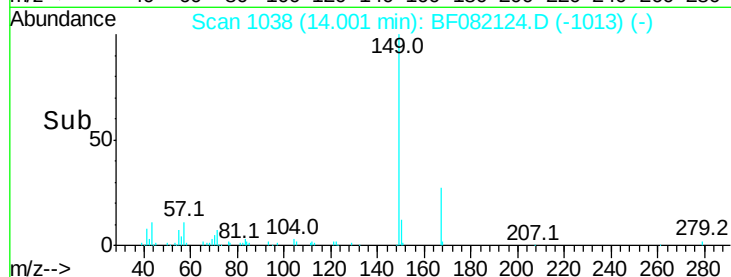
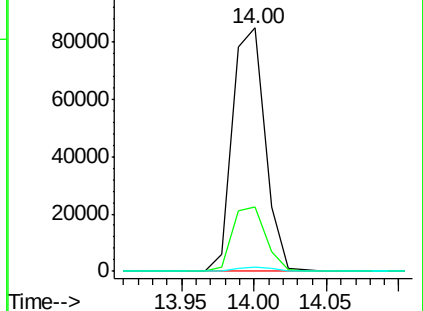
279 1.9 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

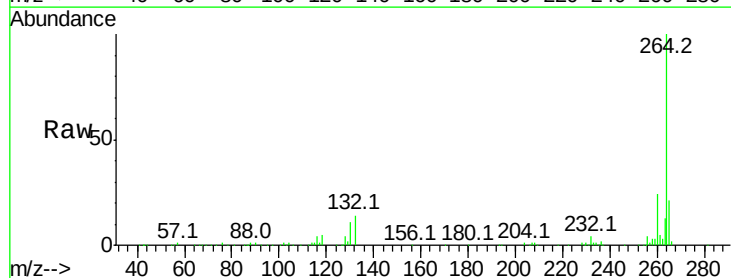
Tgt Ion:264 Resp: 213580

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 20.9 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

