

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088845.D
 Acq On : 9 Jul 2016 1:16
 Operator : UM/SJ
 Sample : H3813-15MSD 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 02:07:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

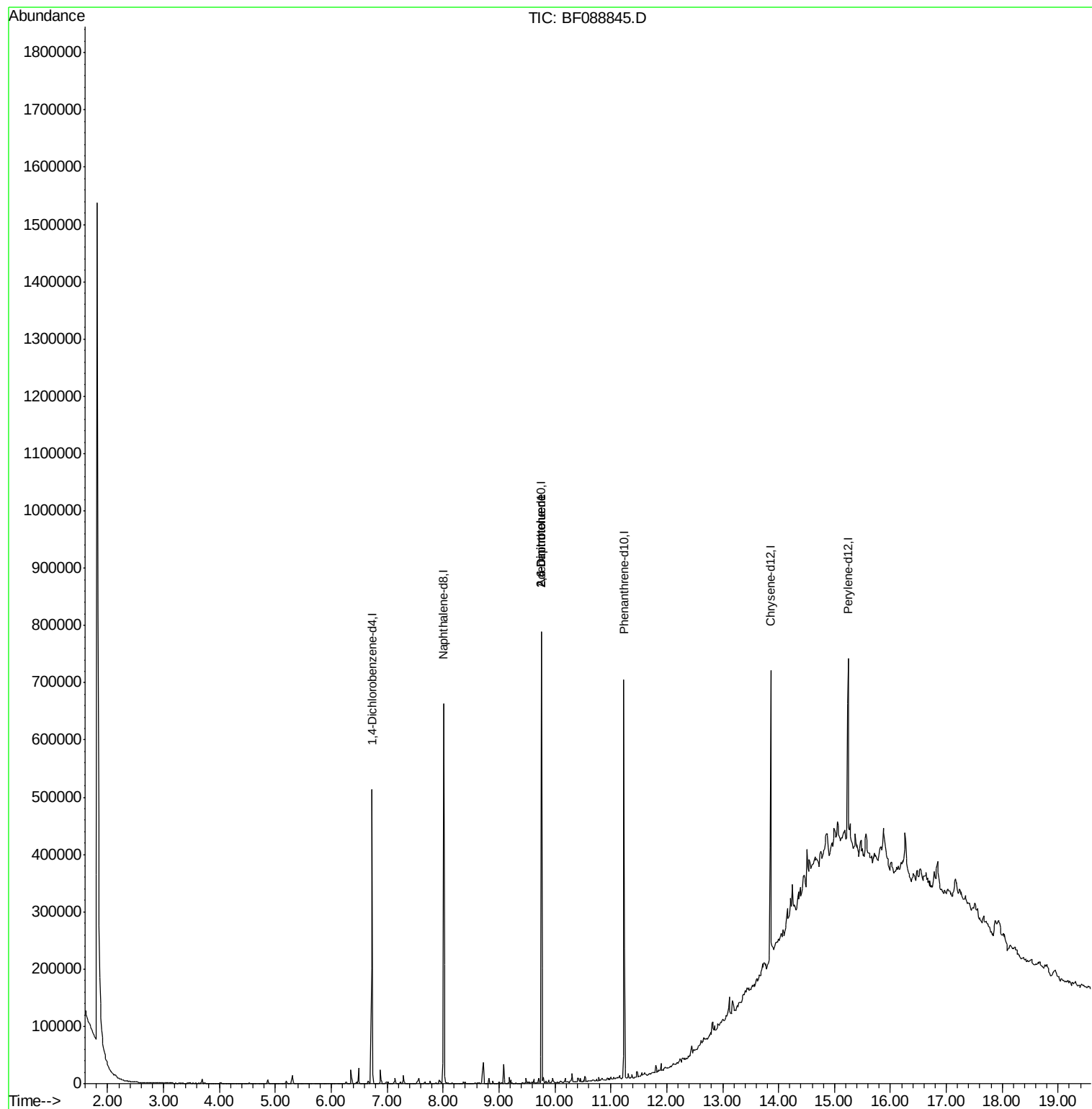
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84177	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	307528	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	147152	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	255374	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	167969	20.00	ng	-0.01
86) Perylene-d12	15.25	264	168110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	6510	1.16	ng	-0.01
7) Phenol-d6	6.35	99	9812	1.35	ng	-0.02
23) Nitrobenzene-d5	7.29	82	5790	0.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	1878	1.37	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	11945	1.28	ng	-0.01
78) Terphenyl-d14	12.81	244	8442	1.12	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	19214	8.27	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	19214	6.32	ng	# 38

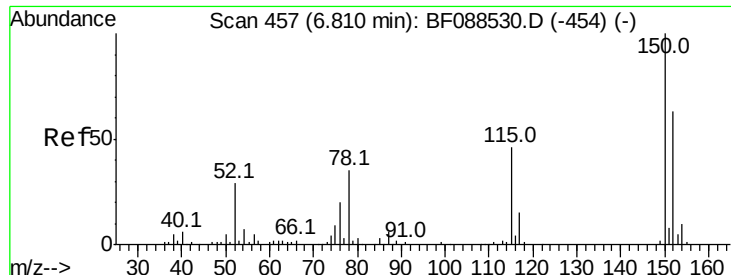
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

Instrument :

BNA_F

ClientSampleId :

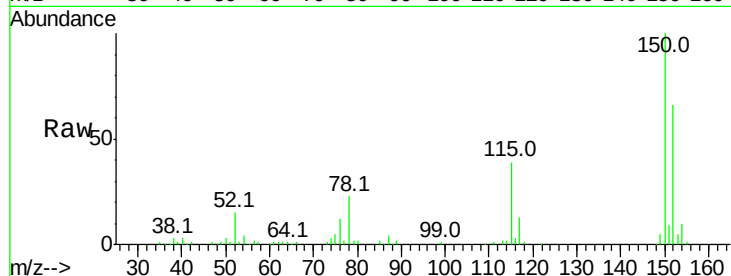
Tot Ion:152 Resp: 84177

Ion Ratio Lower Upper

152 100

150 152.1 123.8 185.6

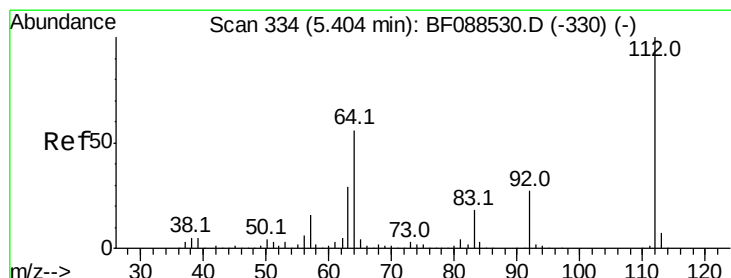
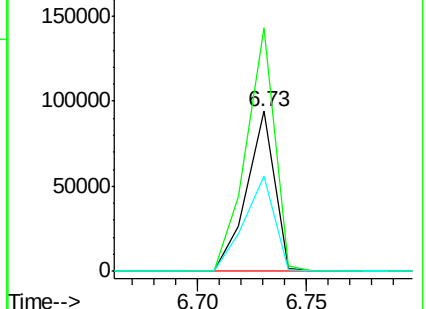
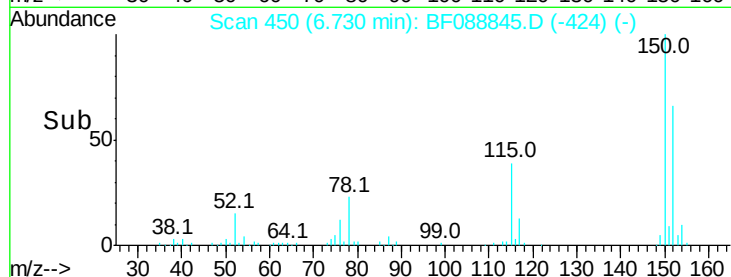
115 59.2 39.6 59.4



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



#5

2-Fluorophenol

Concen: 1.16 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

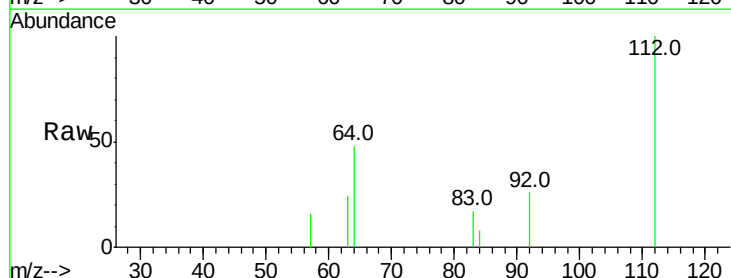
Tgt Ion:112 Resp: 6510

Ion Ratio Lower Upper

112 100

64 47.7 42.2 63.2

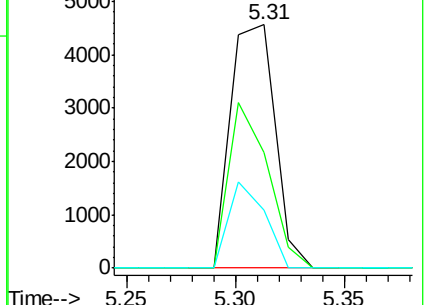
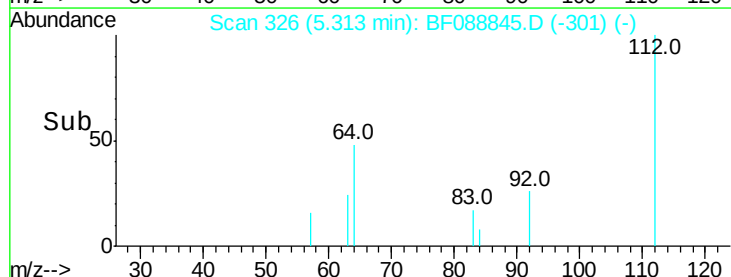
63 24.0 21.8 32.8

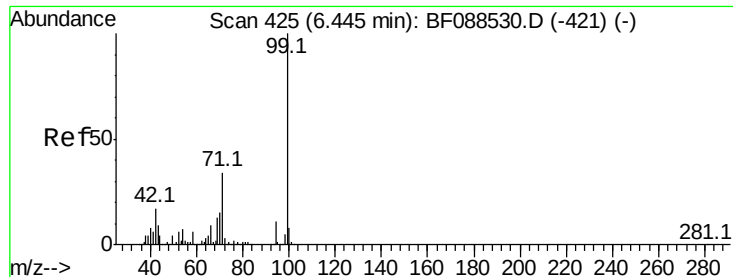


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.35 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

Instrument :

BNA_F

ClientSampleId :

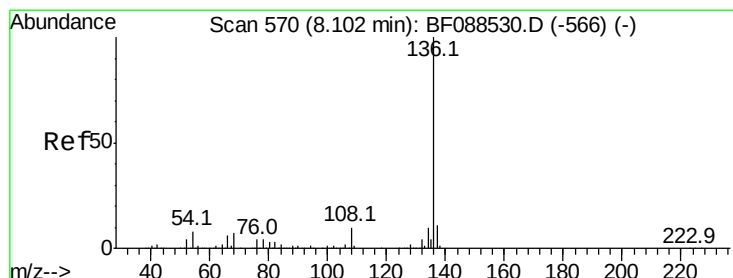
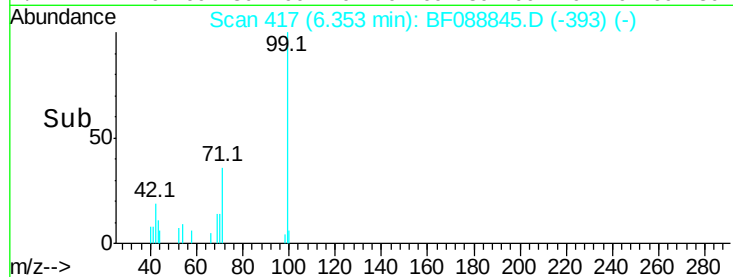
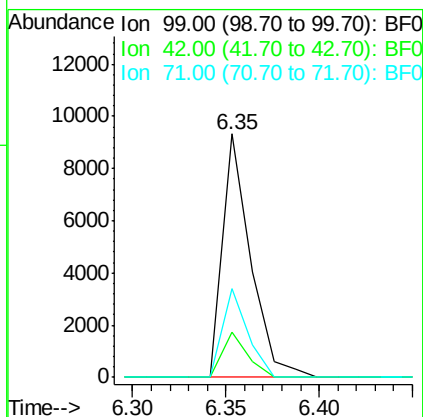
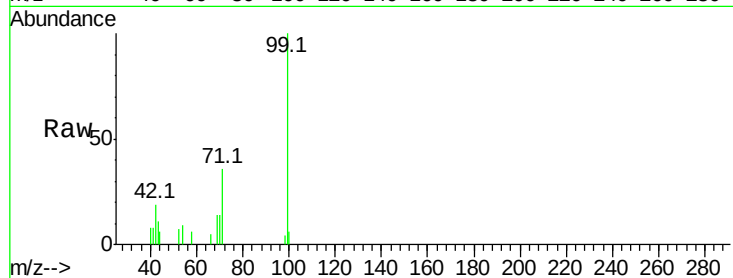
Tot Ion: 99 Resp: 9812

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

71 36.5 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

Tgt Ion: 136 Resp: 307528

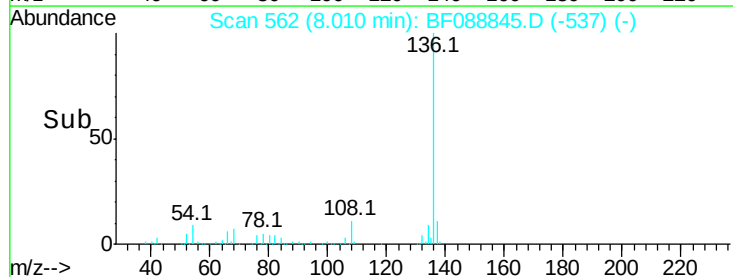
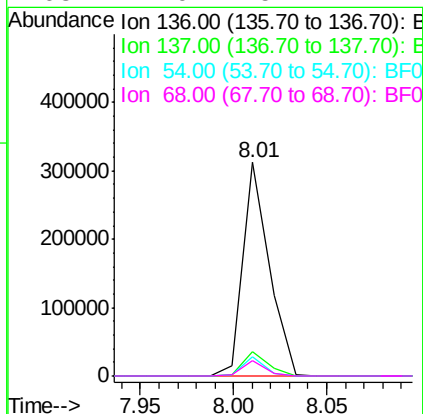
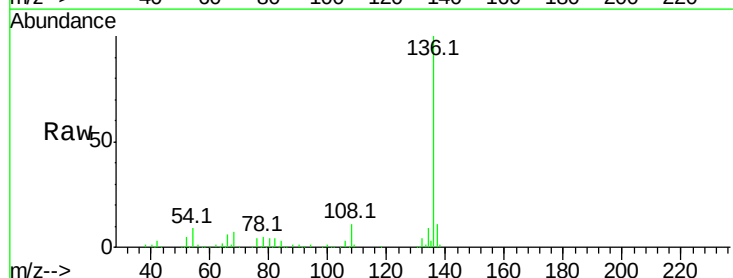
Ion Ratio Lower Upper

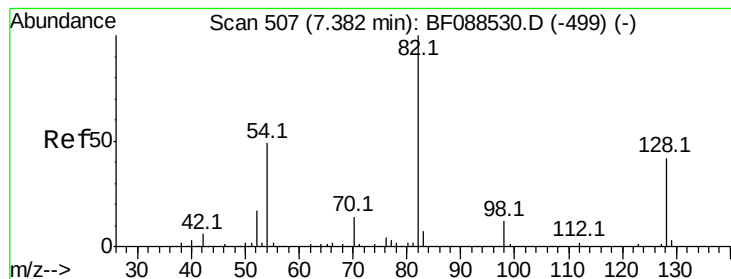
136 100

137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 7.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 0.99 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

Instrument :

BNA_F

ClientSampleId :

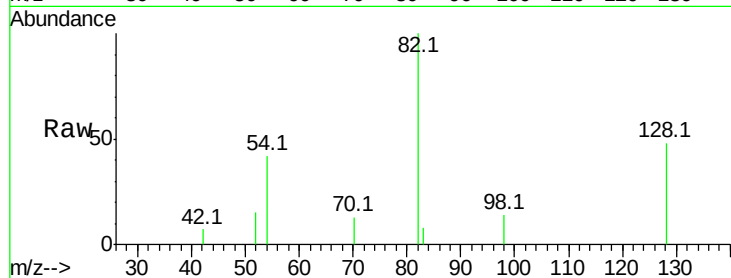
Tot Ion: 82 Resp: 5790

Ion Ratio Lower Upper

82 100

128 47.9 35.9 53.9

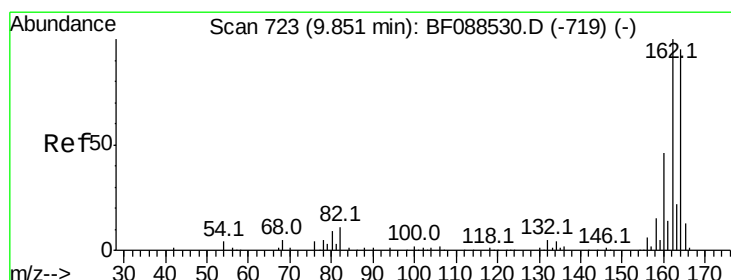
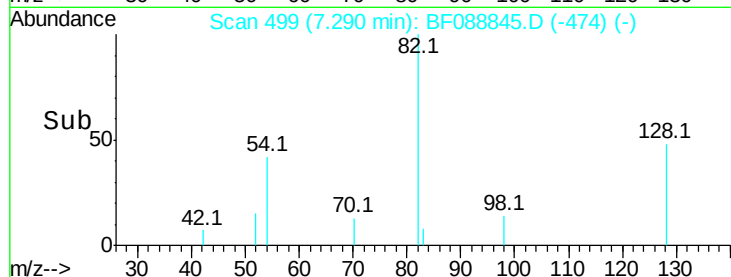
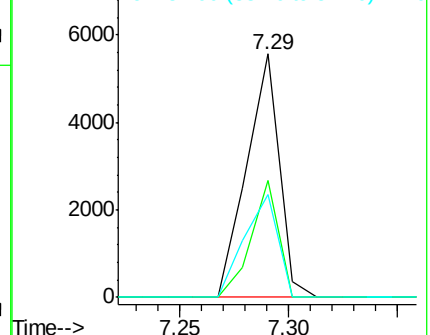
54 42.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088845.D

Acq: 9 Jul 2016 1:16

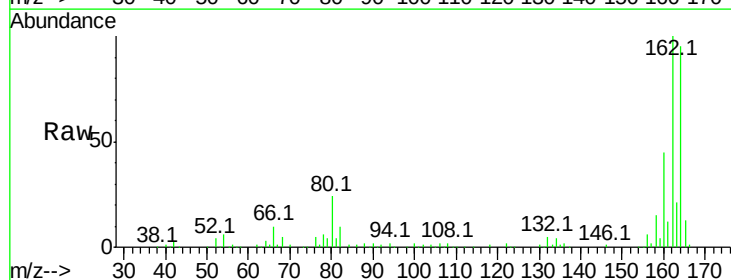
Tgt Ion:164 Resp: 147152

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

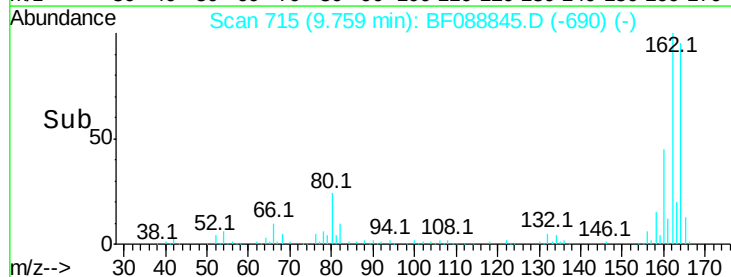
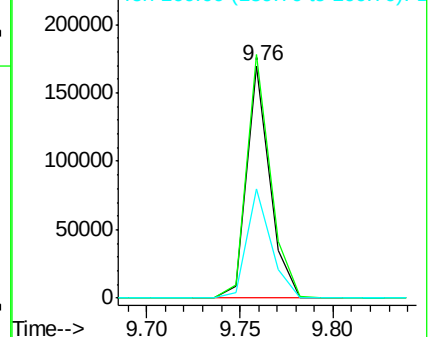
160 46.9 39.5 59.3

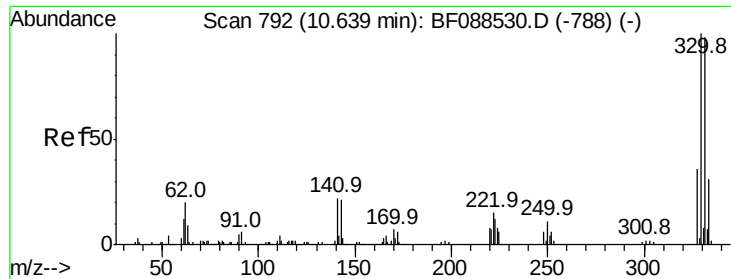


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

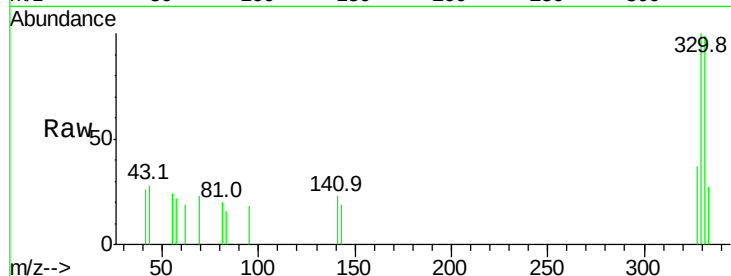




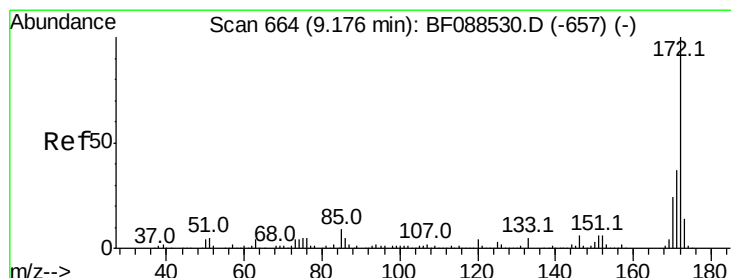
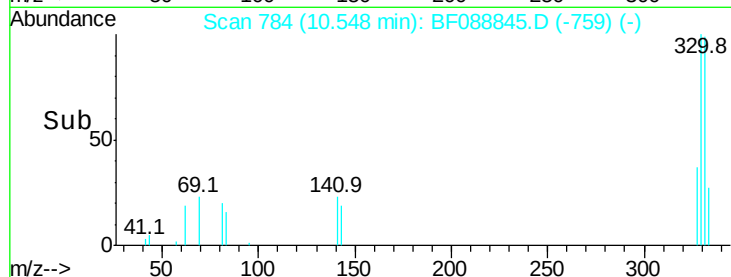
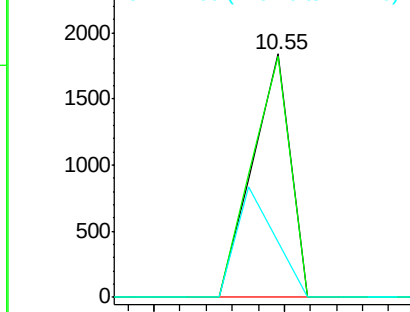
#41
 2,4,6-Tribromophenol
 Concen: 1.37 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1878
 Ion Ratio Lower Upper
 330 100
 332 101.0 0.0 0.0#
 141 45.7 0.0 0.0#

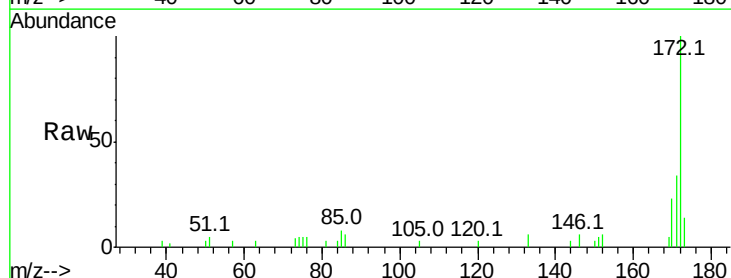


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

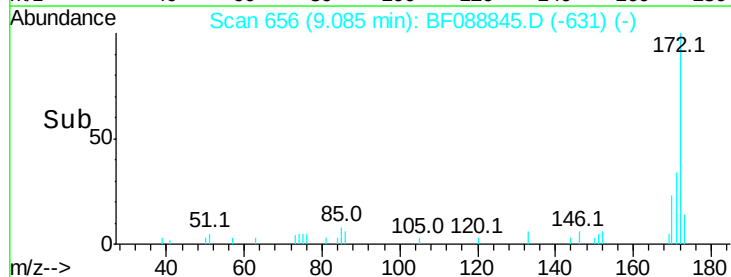
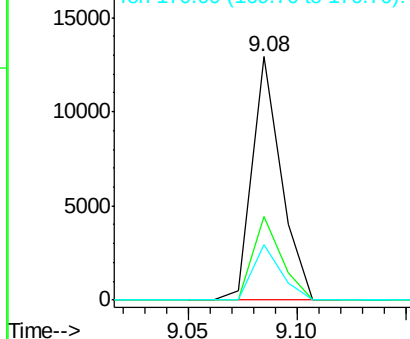


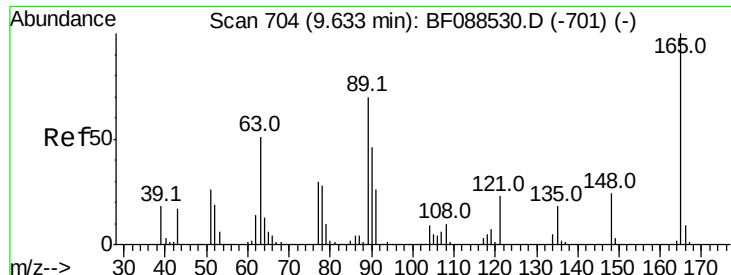
#44
 2-Fluorobiphenyl
 Concen: 1.28 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

Tgt Ion:172 Resp: 11945
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 22.8 19.2 28.8



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

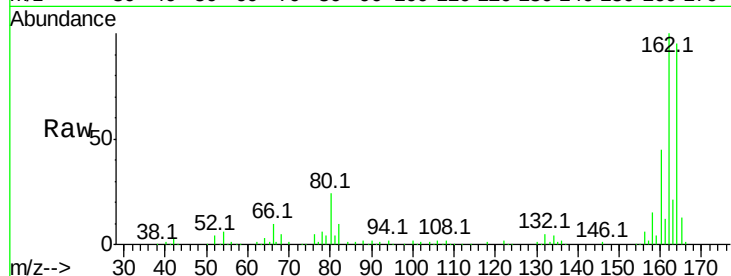




#50
 2,6-Dinitrotoluene
 Concen: 8.27 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :

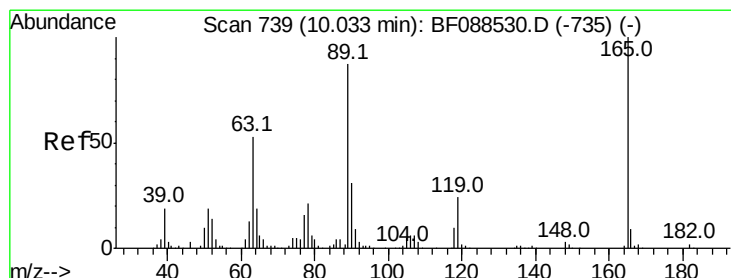
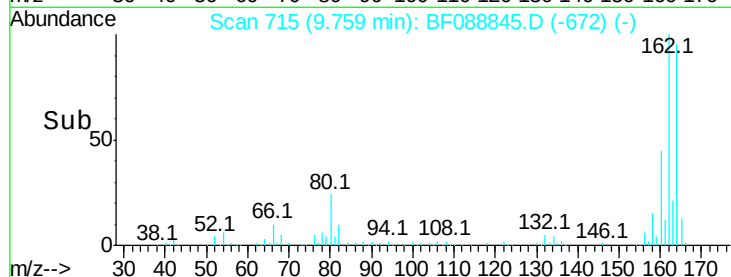
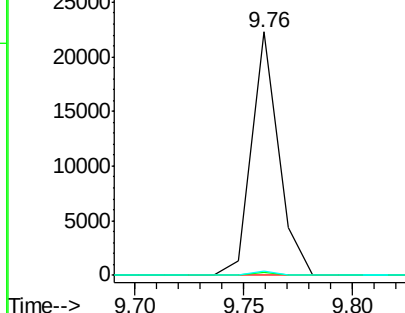
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

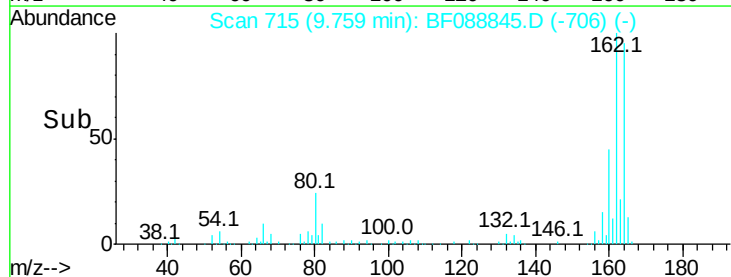
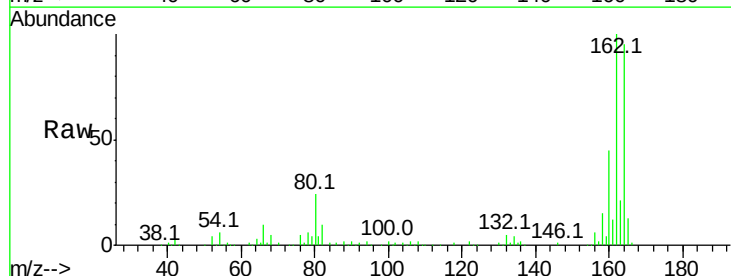
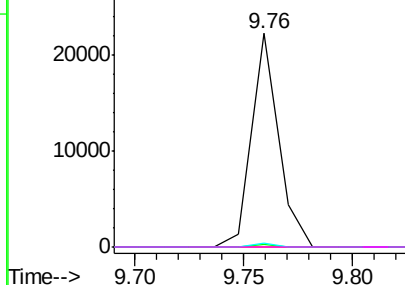
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

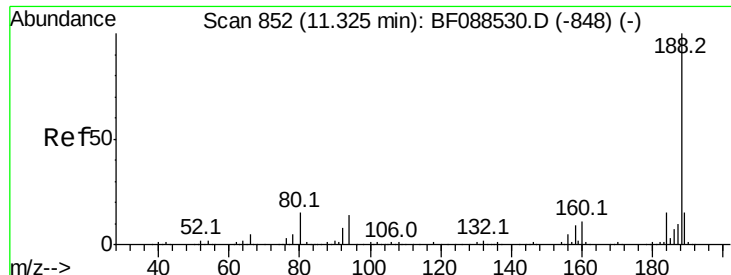
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

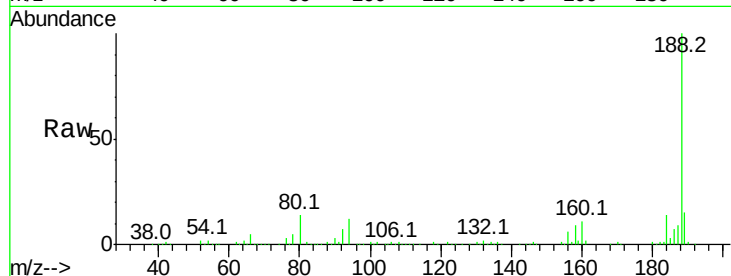




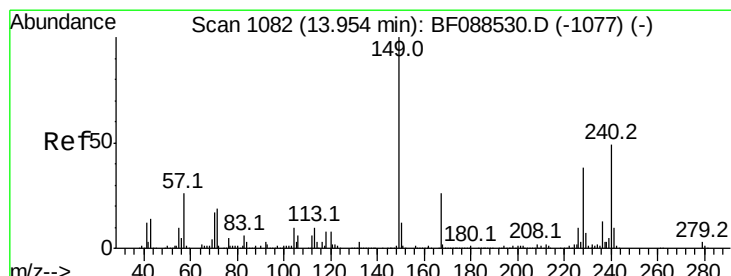
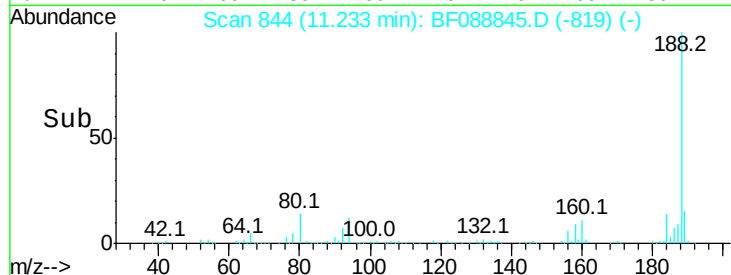
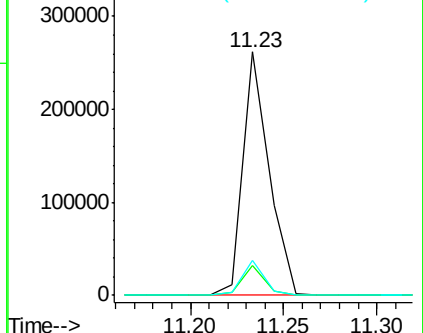
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088845.D
Acq: 9 Jul 2016 1:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 255374
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 14.2 10.0 15.0

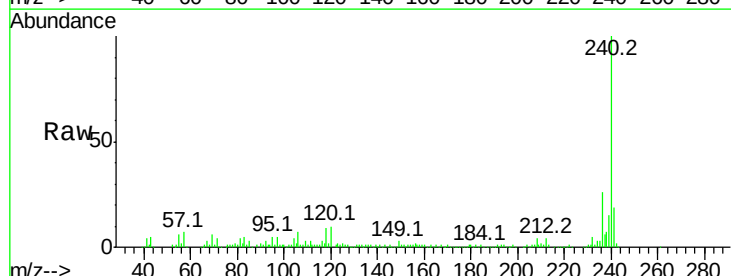


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

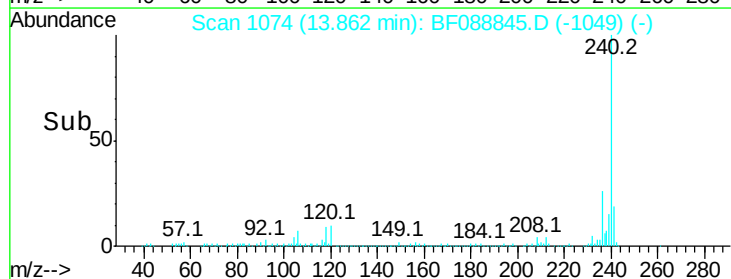
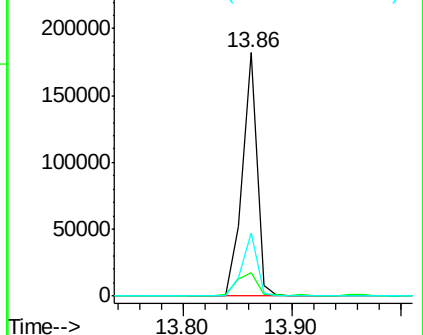


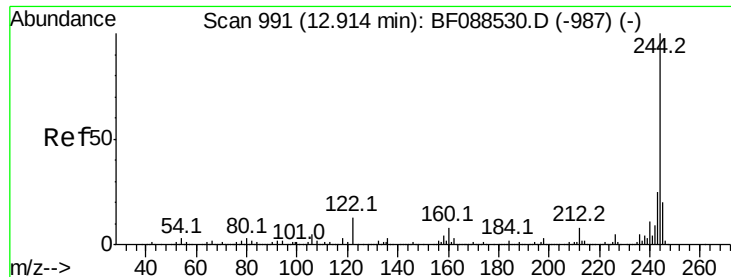
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088845.D
Acq: 9 Jul 2016 1:16

Tgt Ion:240 Resp: 167969
Ion Ratio Lower Upper
240 100
120 9.8 6.8 10.2
236 25.7 20.2 30.2



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

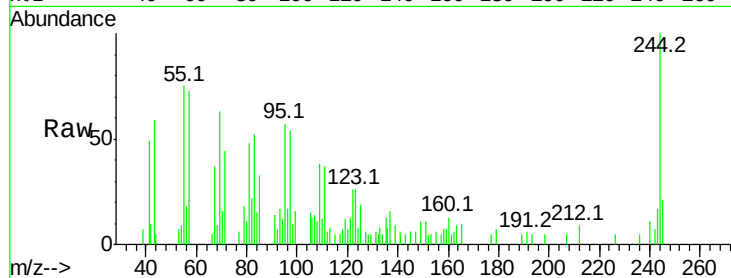




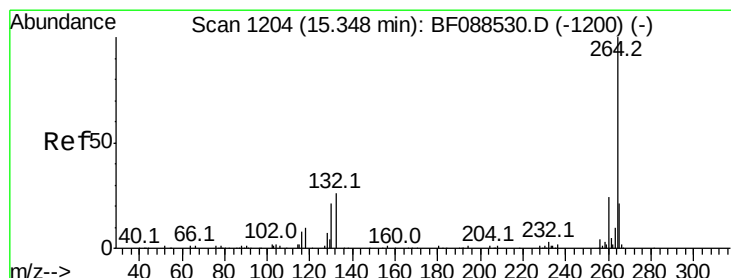
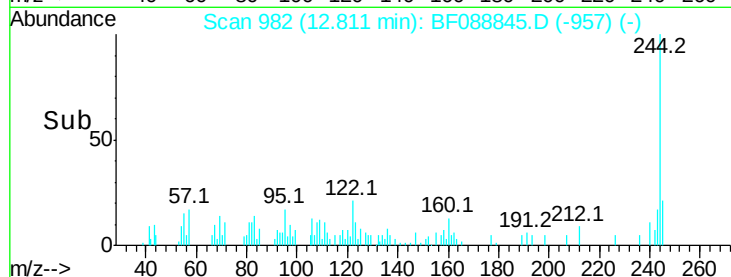
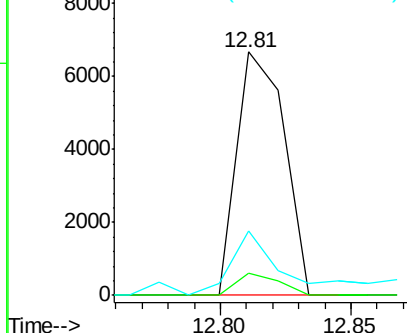
#78
 Terphenyl-d14
 Concen: 1.12 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 8442
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.0 9.0#
 122 26.3 11.2 16.8#

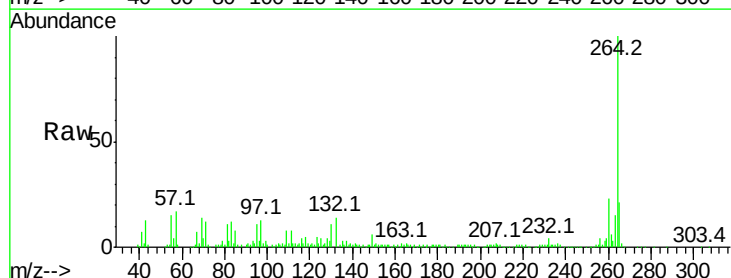


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088845.D
 Acq: 9 Jul 2016 1:16

Tgt Ion:264 Resp: 168110
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.3 16.9 25.3



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

