

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088603.D
 Acq On : 2 Jul 2016 5:30
 Operator : UM/SJ
 Sample : H3831-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Jul 02 06:08:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

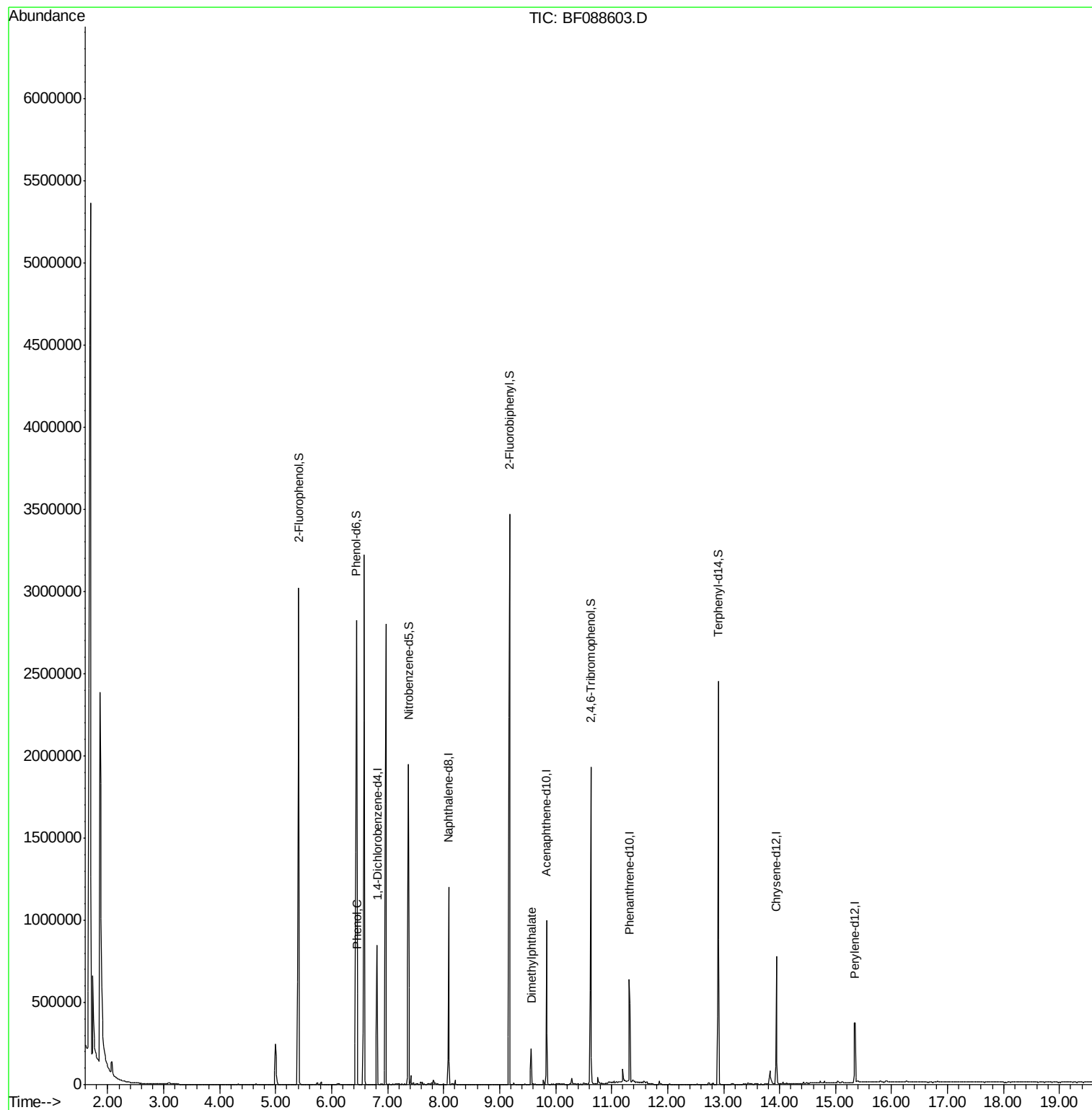
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132476	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	479617	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	190750	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	299175	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	237792	20.00	ng	-0.01
86) Perylene-d12	15.35	264	199607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1145599	129.60	ng	0.02
7) Phenol-d6	6.44	99	1225476	107.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	795664	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	200266	113.06	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1360360	112.65	ng	0.00
78) Terphenyl-d14	12.90	244	821270	76.93	ng	0.00
Target Compounds						
10) Phenol	6.46	94	35395	2.72	ng	81
49) Dimethylphthalate	9.56	163	100352	7.38	ng	98

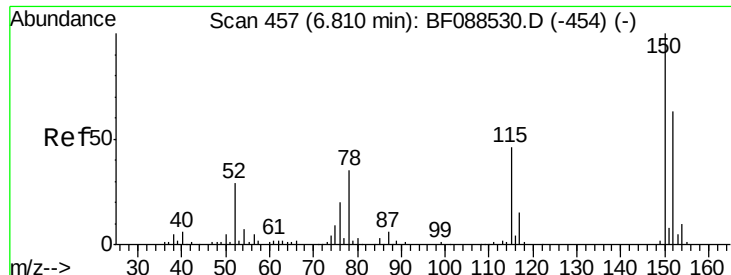
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

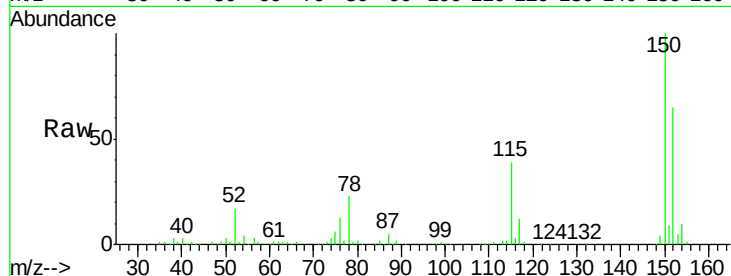
Tgt Ion:152 Resp: 132476

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

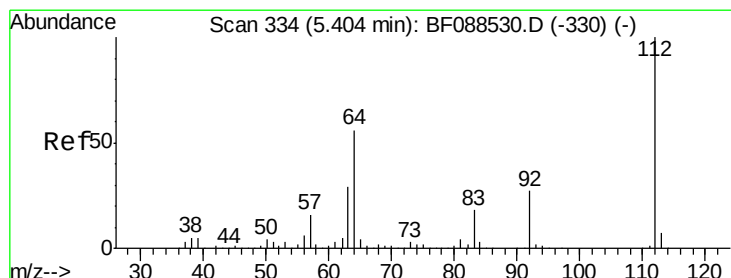
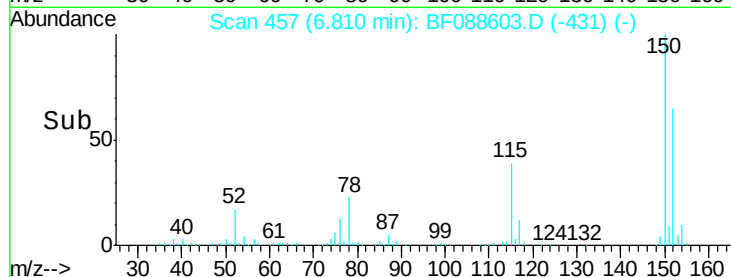
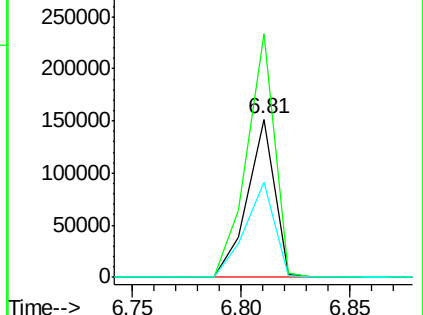
115 59.9 39.6 59.4#



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: 129.60 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

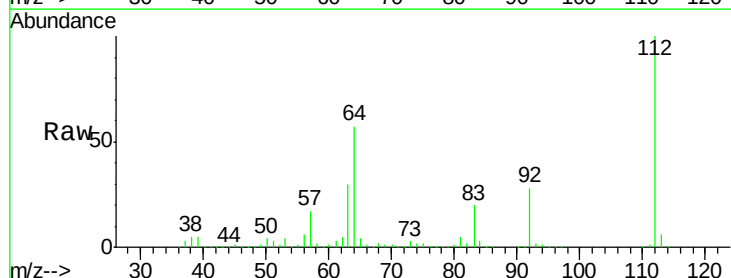
Tgt Ion:112 Resp: 1145599

Ion Ratio Lower Upper

112 100

64 56.7 42.2 63.2

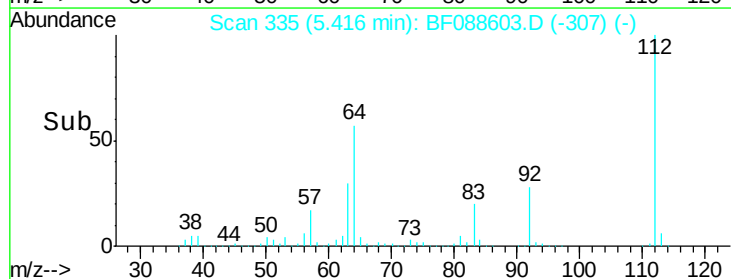
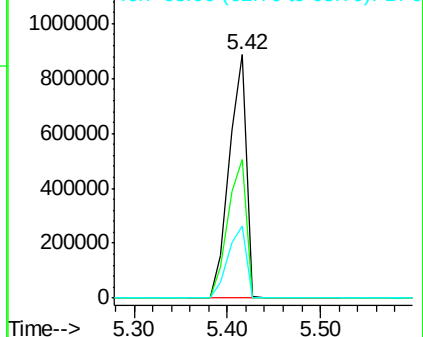
63 29.7 21.8 32.8

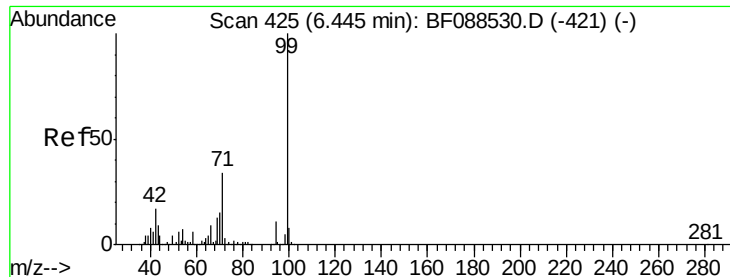


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.29 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

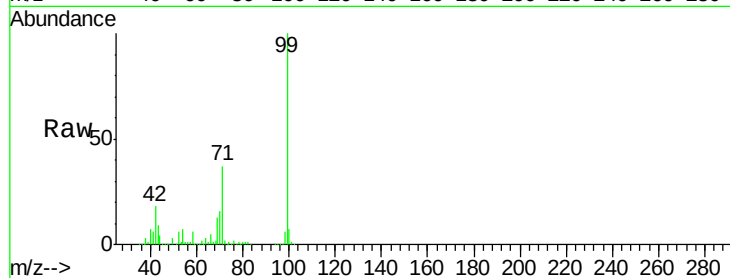
Tgt Ion: 99 Resp: 1225476

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

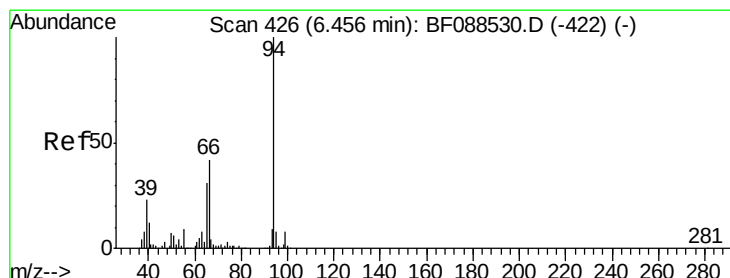
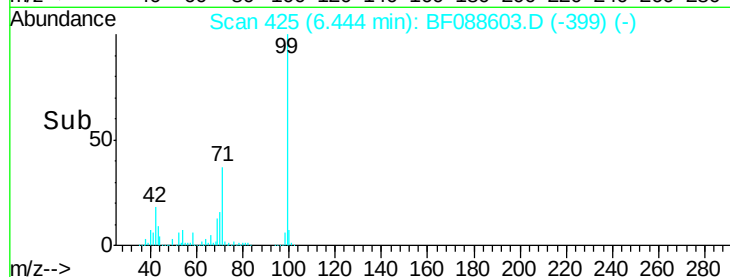
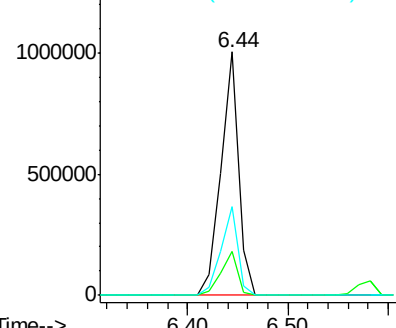
71 36.7 23.4 35.0#



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



#10

Phenol

Concen: 2.72 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

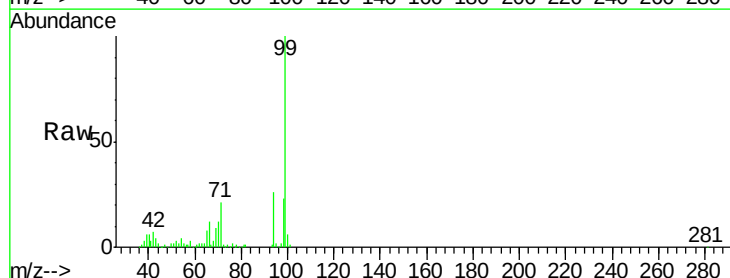
Tgt Ion: 94 Resp: 35395

Ion Ratio Lower Upper

94 100

65 31.6 5.9 45.9

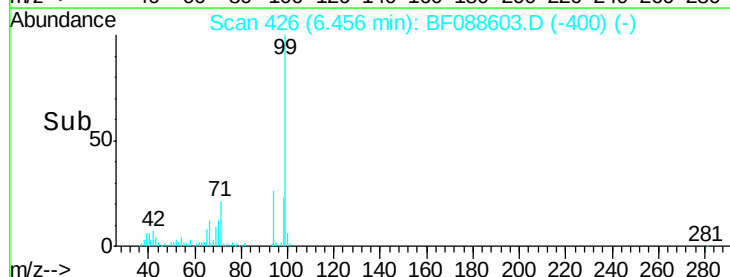
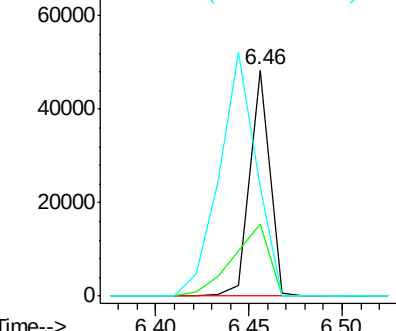
66 48.1 14.0 54.0

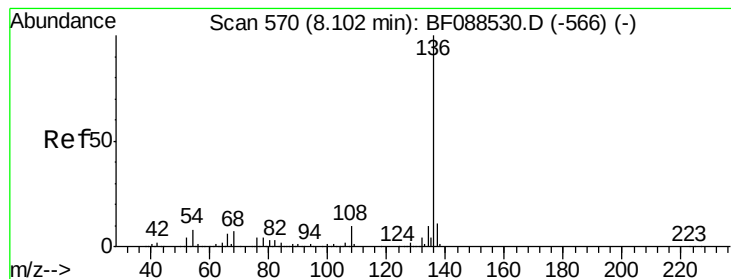


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

Tgt Ion:136 Resp: 479617

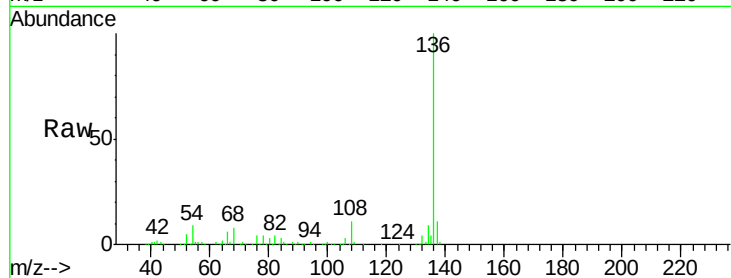
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

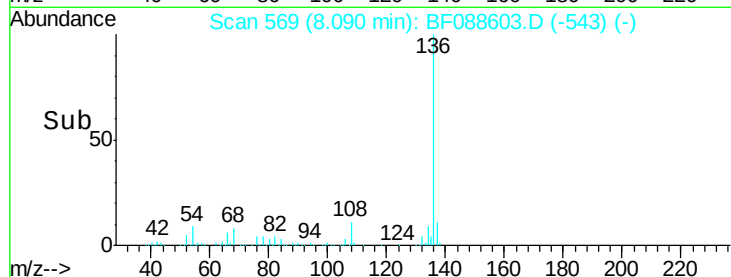


Abundance Ion 136.00 (135.70 to 136.70): E

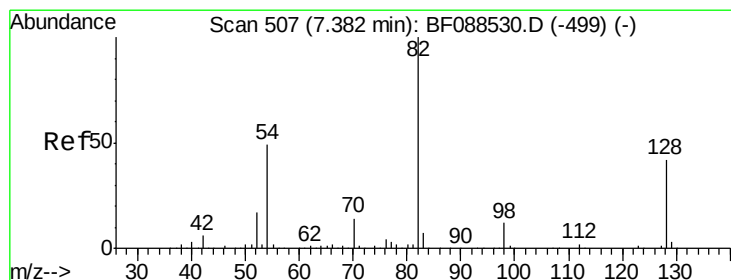
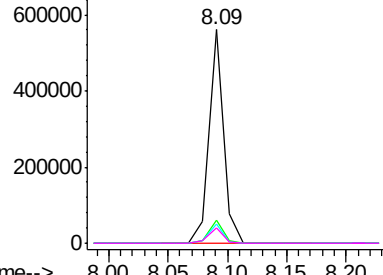
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 86.94 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

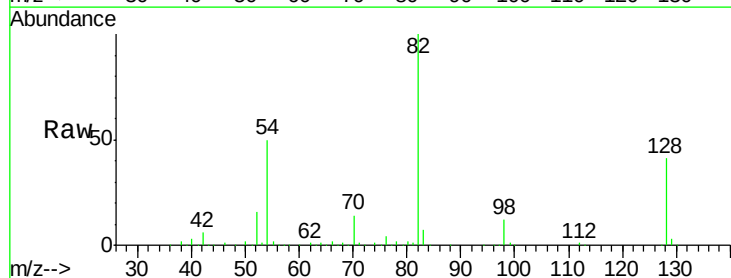
Tgt Ion: 82 Resp: 795664

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

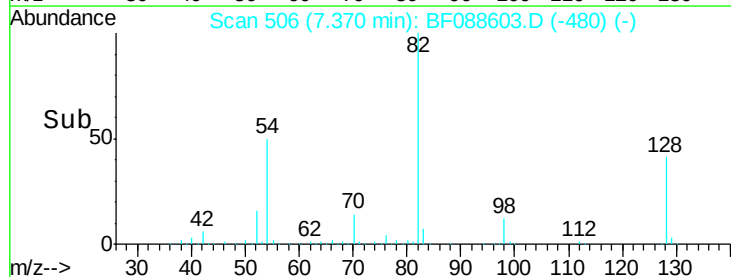
54 49.5 40.9 61.3



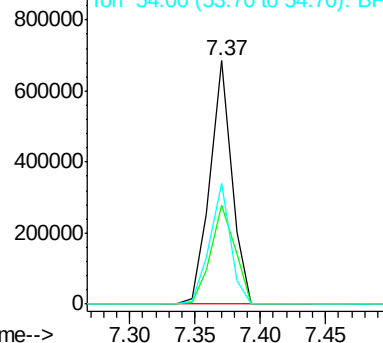
Abundance Ion 82.00 (81.70 to 82.70): BF0

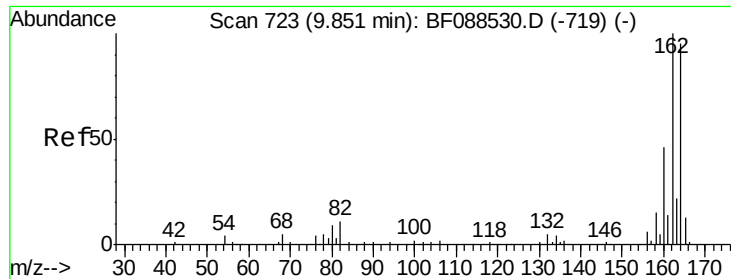
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

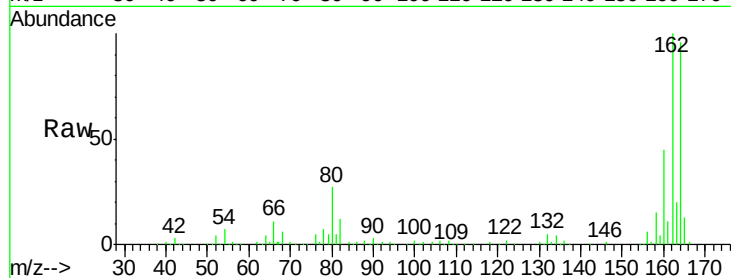
Tgt Ion:164 Resp: 190750

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

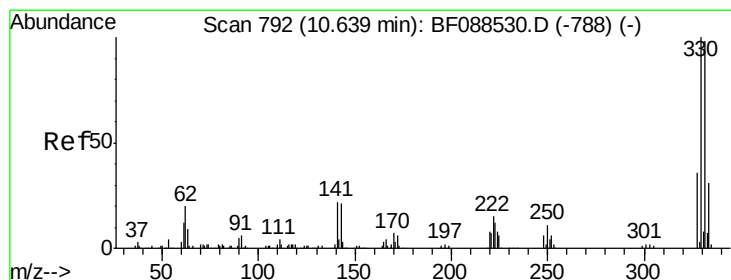
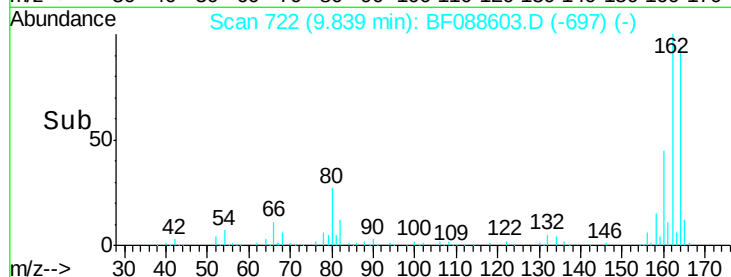
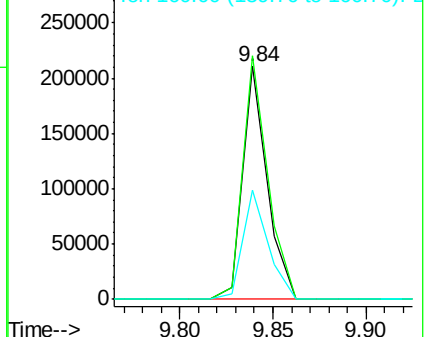
160 46.6 39.5 59.3



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: 113.06 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

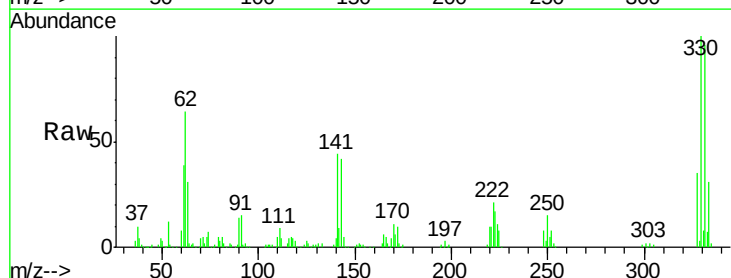
Tgt Ion:330 Resp: 200266

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

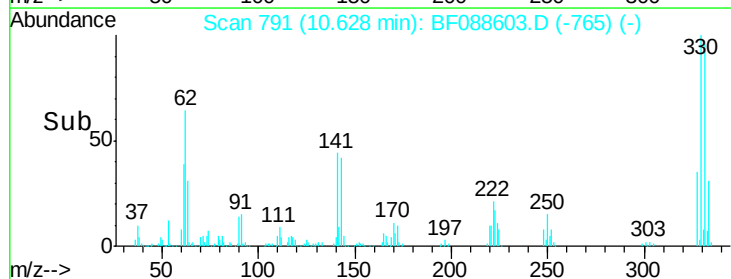
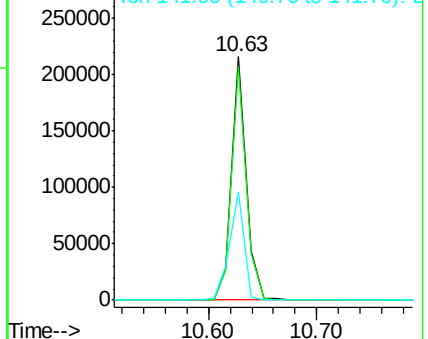
141 44.5 0.0 0.0#

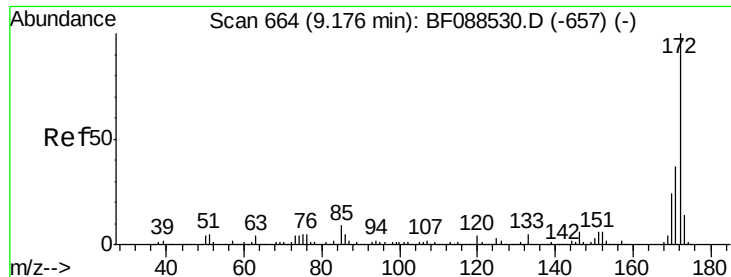


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

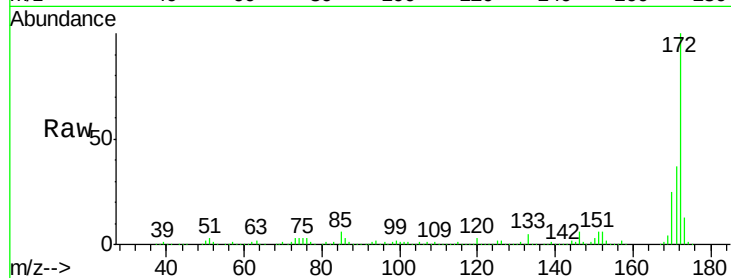




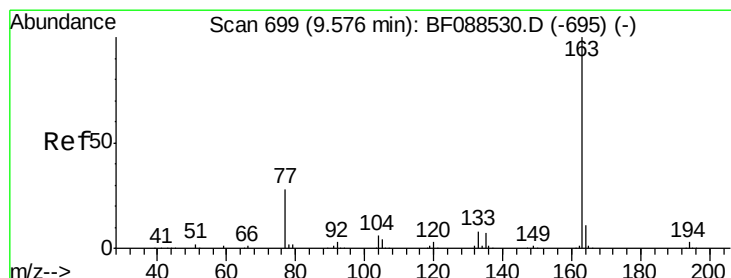
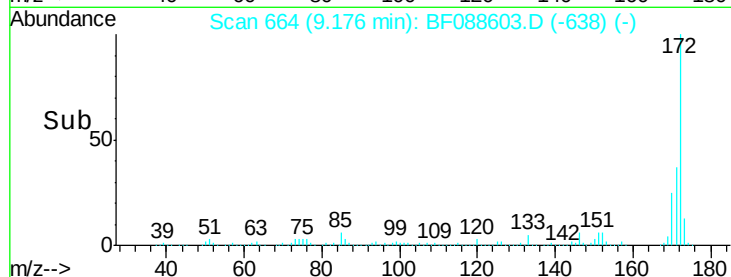
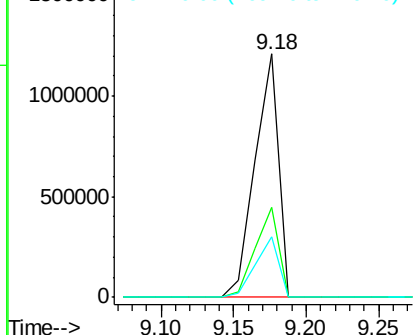
#44
2-Fluorobiphenyl
Concen: 112.65 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:172 Resp: 1360360
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 25.0 19.2 28.8

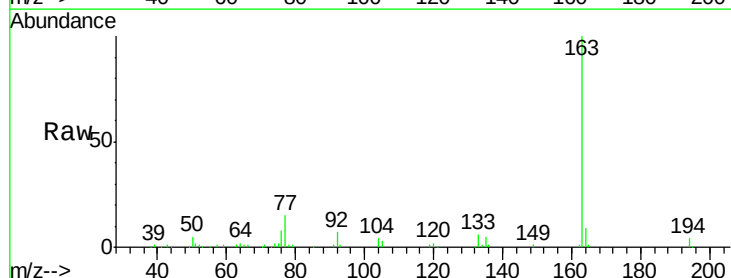


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

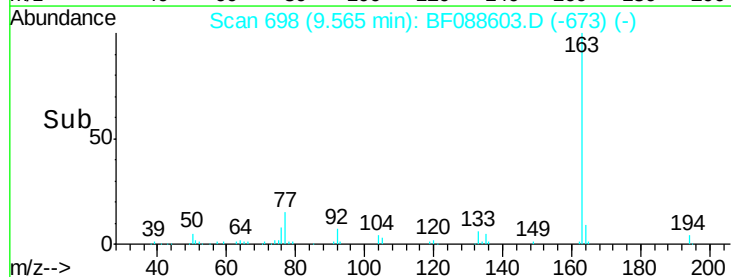
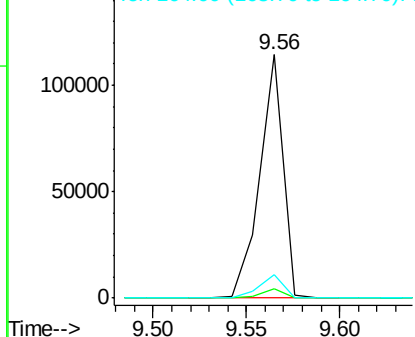


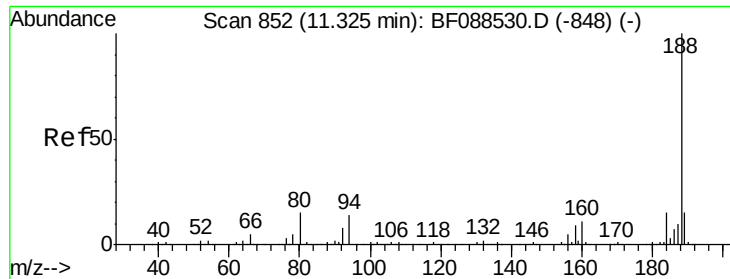
#49
Dimethylphthalate
Concen: 7.38 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Tgt Ion:163 Resp: 100352
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.4 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

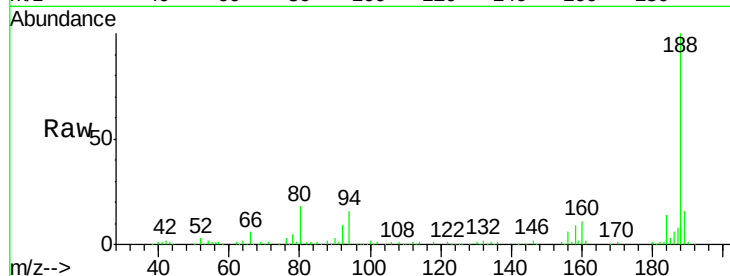




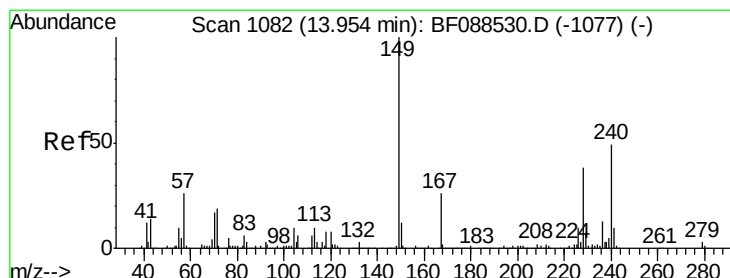
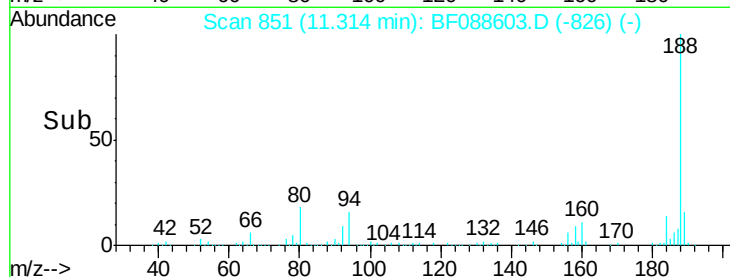
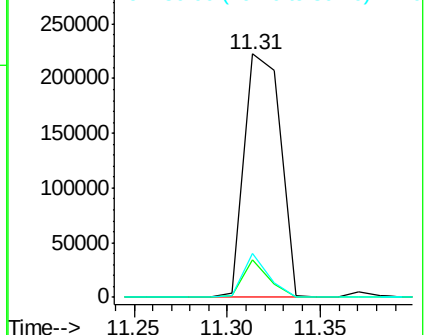
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion:188 Resp: 299175
Ion Ratio Lower Upper
188 100
94 15.6 9.0 13.6#
80 18.2 10.0 15.0#

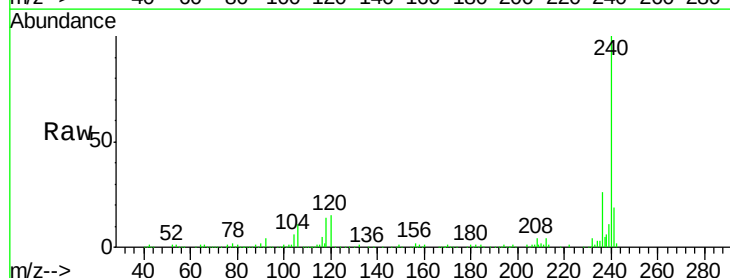


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

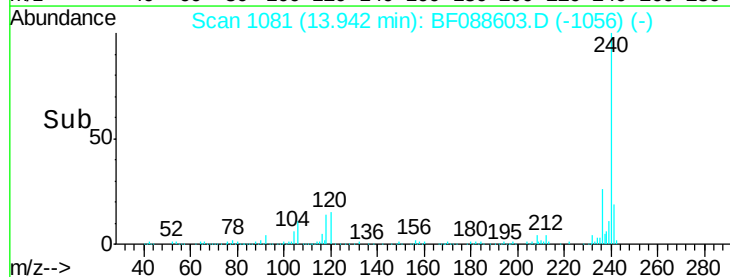
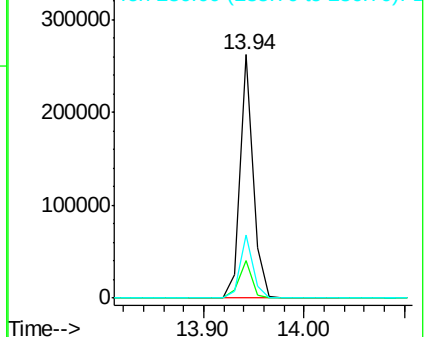


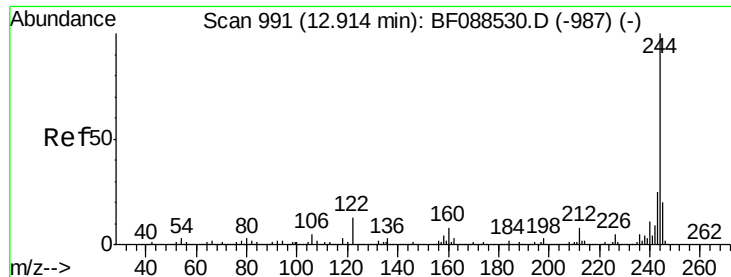
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088603.D
Acq: 2 Jul 2016 5:30

Tgt Ion:240 Resp: 237792
Ion Ratio Lower Upper
240 100
120 15.2 6.8 10.2#
236 26.1 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: 76.93 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

Instrument :

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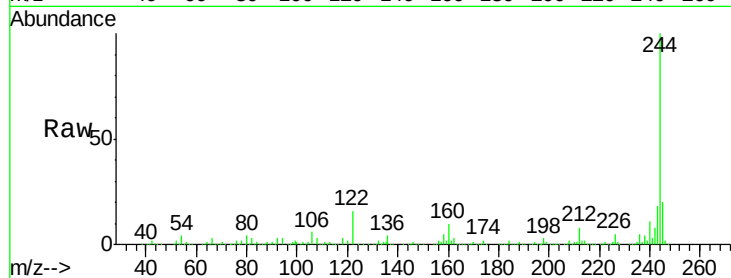
Tgt Ion:244 Resp: 821270

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

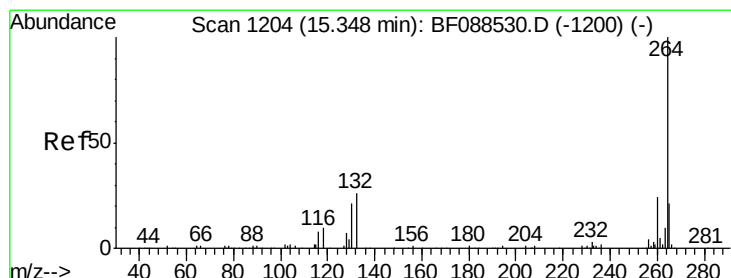
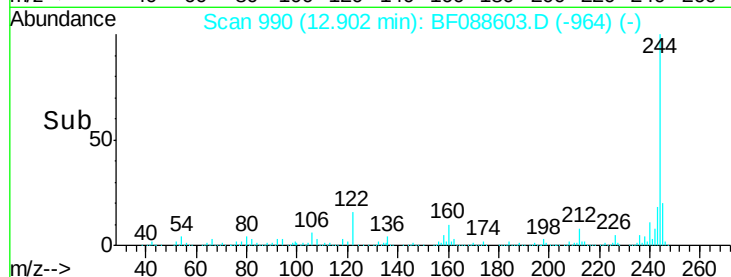
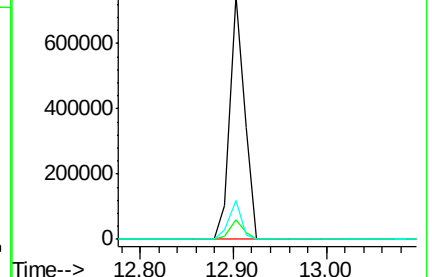
122 16.1 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF088603.D

Acq: 2 Jul 2016 5:30

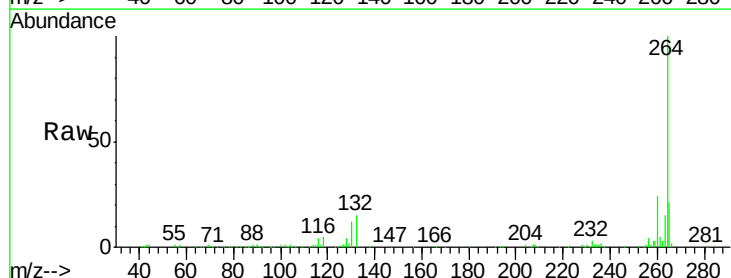
Tgt Ion:264 Resp: 199607

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.9 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

