

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088841.D
 Acq On : 8 Jul 2016 23:20
 Operator : UM/SJ
 Sample : H3813-11 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:12:34 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

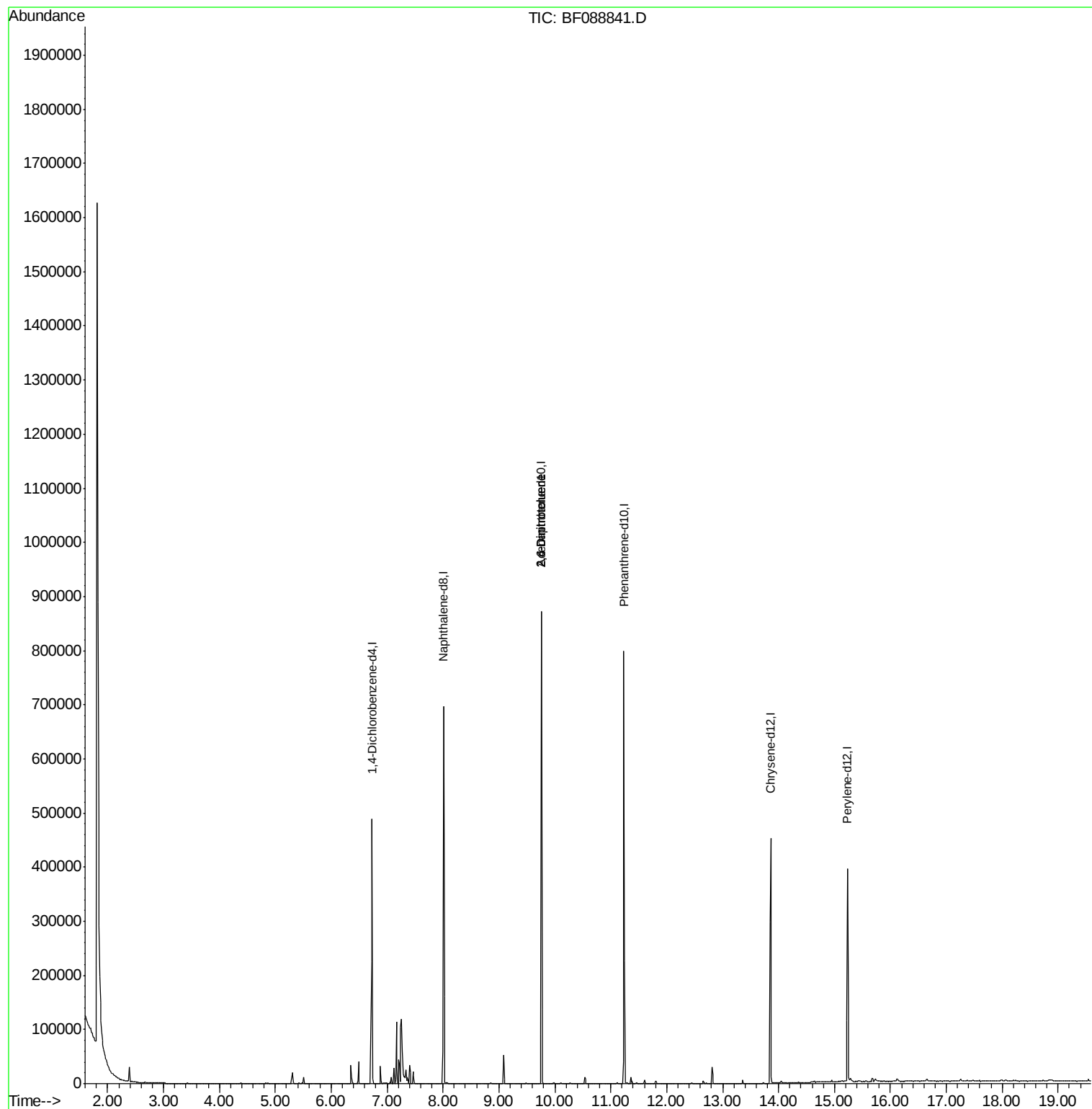
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84440	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	313444	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	159366	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	286461	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	192517	20.00	ng	-0.01
86) Perylene-d12	15.23	264	168216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	9726	1.73	ng	-0.01
7) Phenol-d6	6.35	99	13924	1.91	ng	-0.02
23) Nitrobenzene-d5	7.29	82	9048	1.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2643	1.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	17882	1.77	ng	-0.01
78) Terphenyl-d14	12.81	244	13421	1.55	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	20262	8.05	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	20262	6.16	ng	# 38

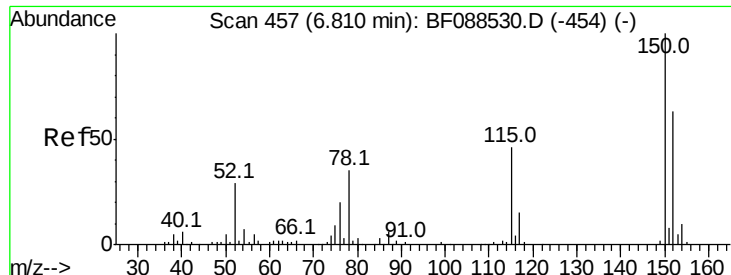
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088841.D

Acq: 8 Jul 2016 23:20

Instrument :

BNA_F

ClientSampleId :

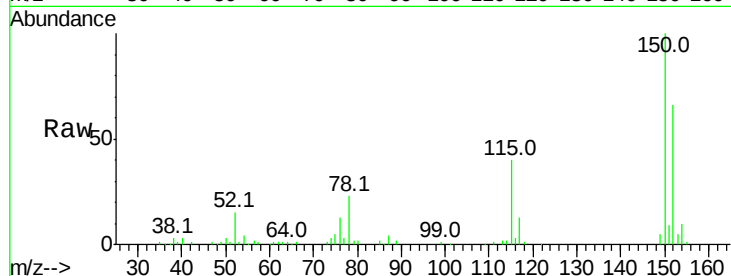
Tot Ion:152 Resp: 84440

Ion Ratio Lower Upper

152 100

150 150.9 123.8 185.6

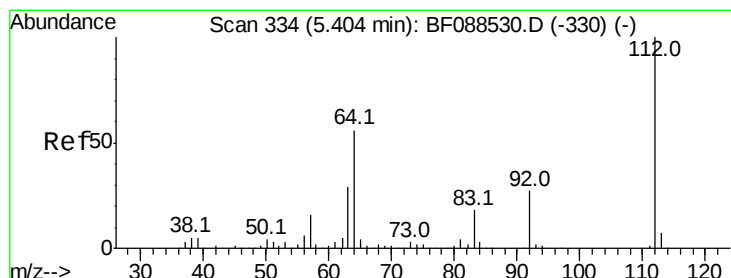
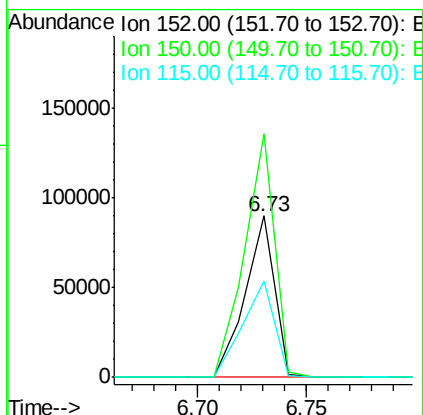
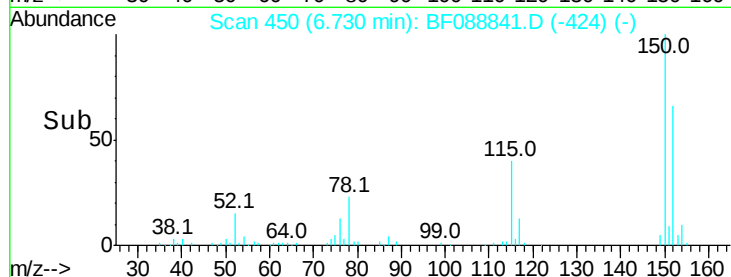
115 59.8 39.6 59.4#



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: 1.73 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088841.D

Acq: 8 Jul 2016 23:20

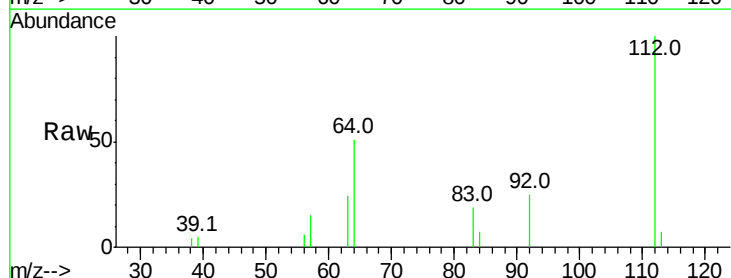
Tgt Ion:112 Resp: 9726

Ion Ratio Lower Upper

112 100

64 50.7 42.2 63.2

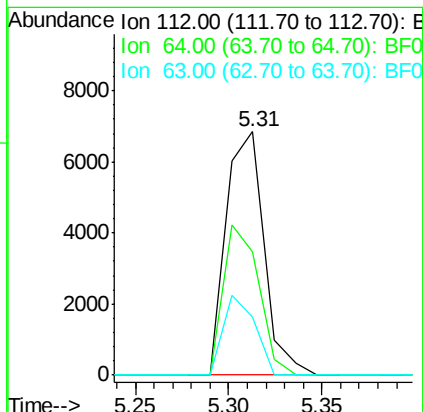
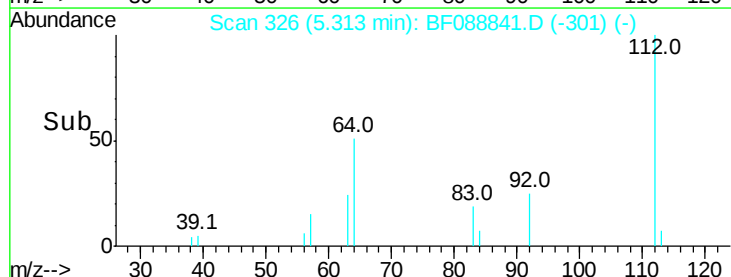
63 23.6 21.8 32.8

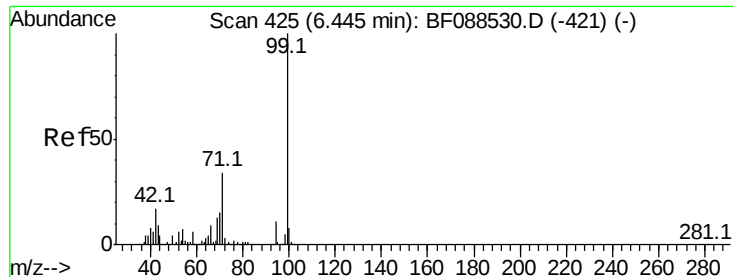


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.91 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088841.D

Acq: 8 Jul 2016 23:20

Instrument :

BNA_F

ClientSampleId :

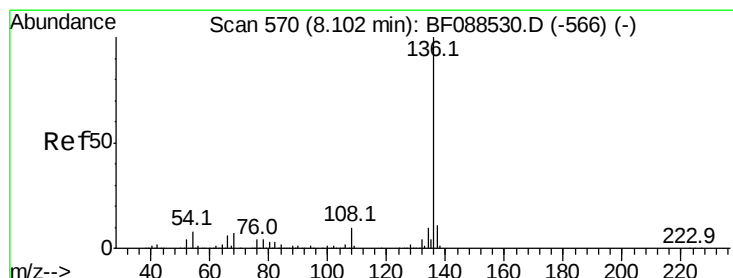
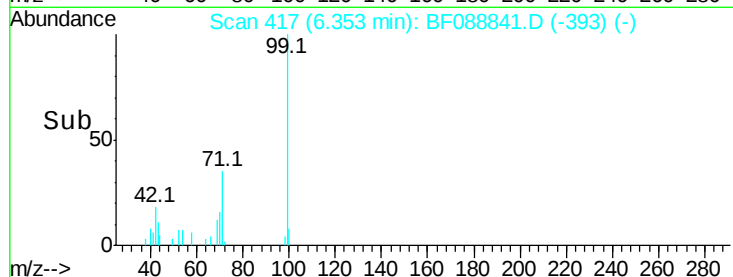
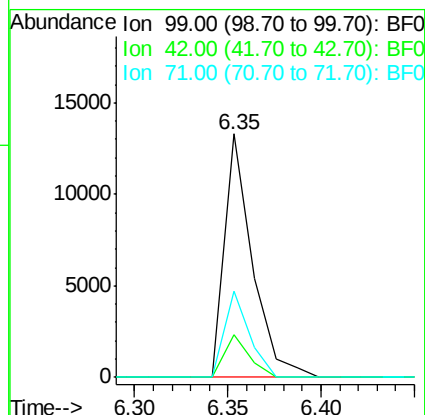
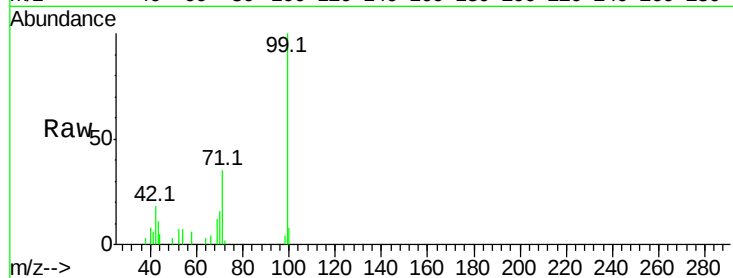
Tot Ion: 99 Resp: 13924

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

71 35.3 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: BF088841.D

Acq: 8 Jul 2016 23:20

Tgt Ion: 136 Resp: 313444

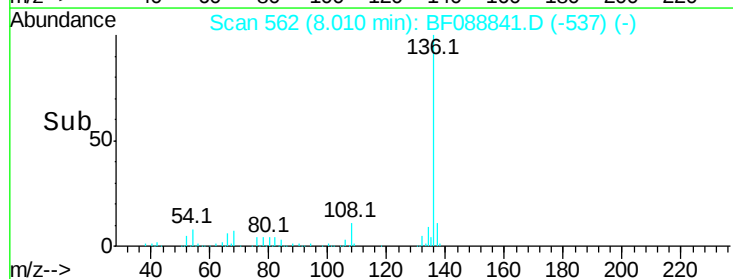
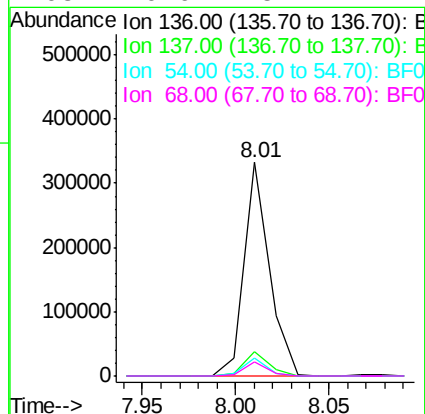
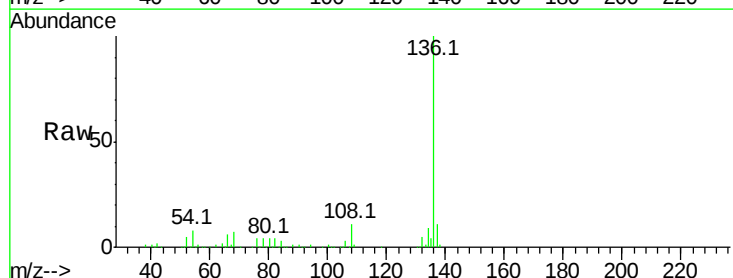
Ion Ratio Lower Upper

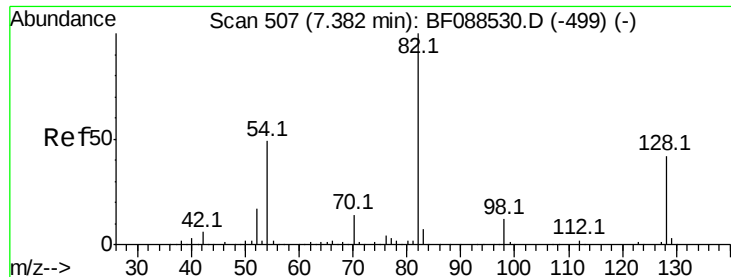
136 100

137 11.3 9.1 13.7

54 8.4 6.6 10.0

68 6.6 5.1 7.7

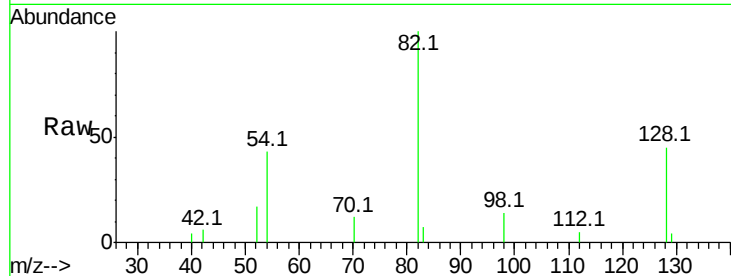




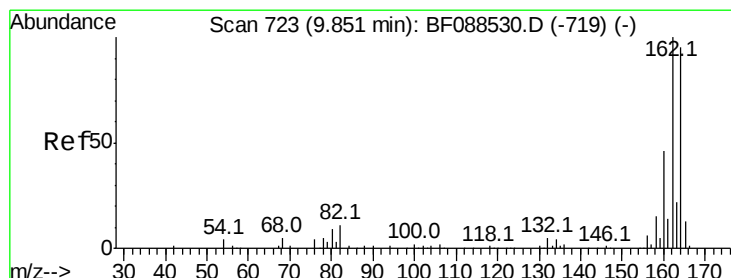
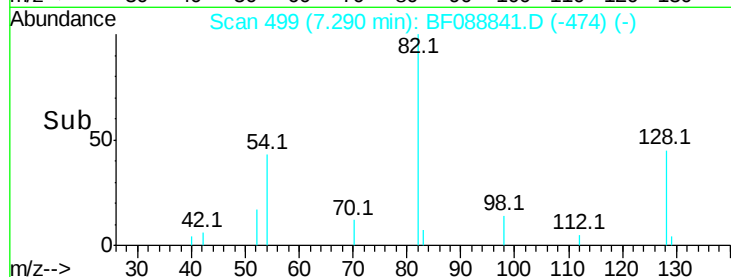
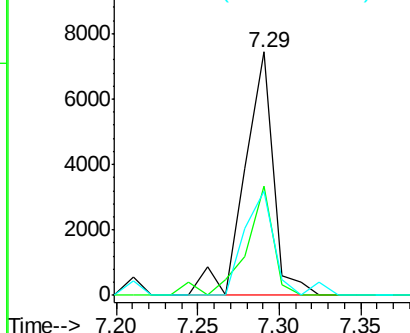
#23
Nitrobenzene-d5
Concen: 1.51 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 9048
Ion Ratio Lower Upper
82 100
128 44.8 35.9 53.9
54 42.8 40.9 61.3

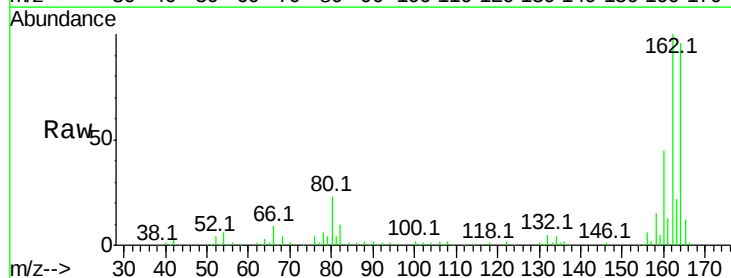


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

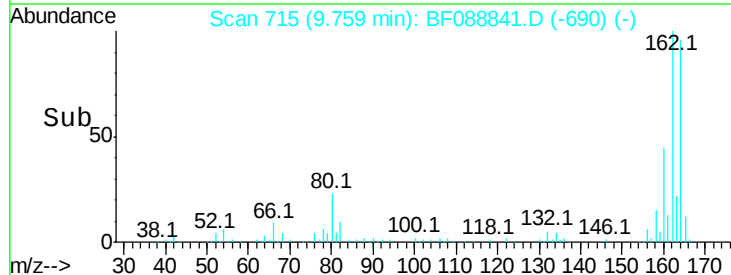
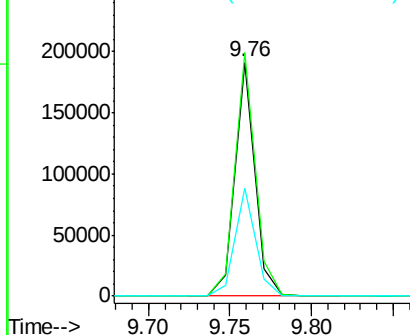


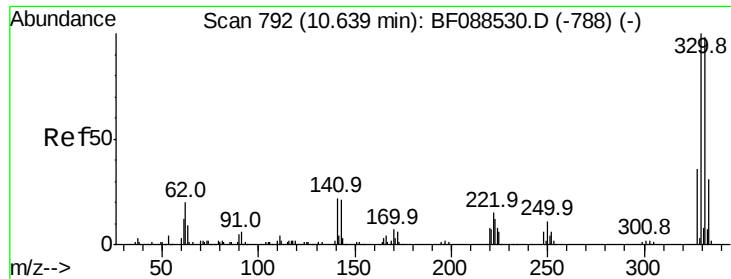
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:164 Resp: 159366
Ion Ratio Lower Upper
164 100
162 104.3 85.4 128.2
160 46.5 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

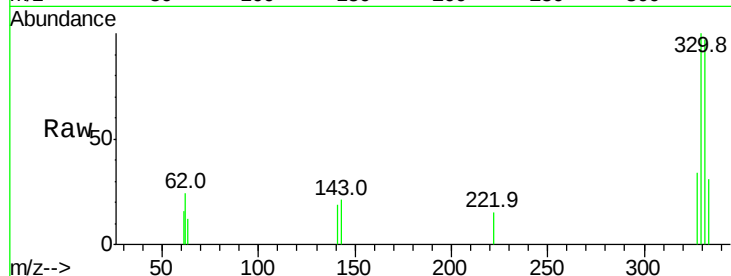




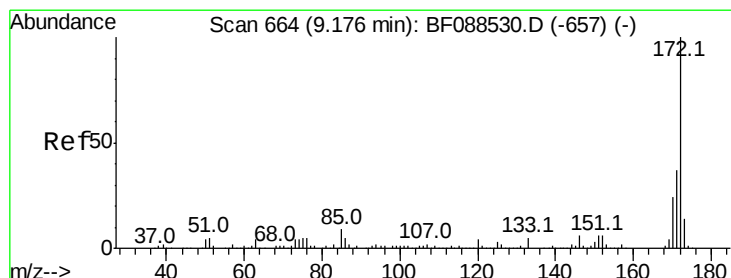
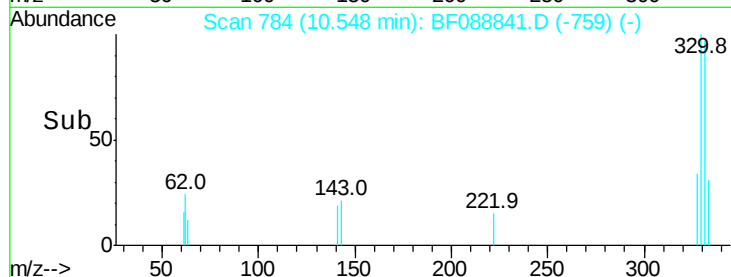
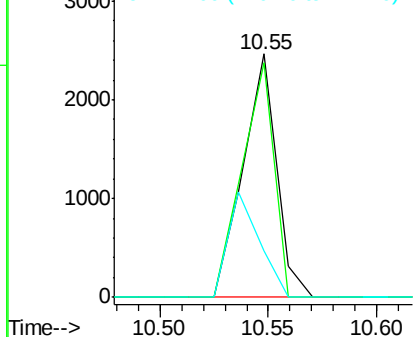
#41
 2,4,6-Tribromophenol
 Concen: 1.79 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088841.D
 Acq: 8 Jul 2016 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2643
 Ion Ratio Lower Upper
 330 100
 332 91.3 0.0 0.0#
 141 39.8 0.0 0.0#

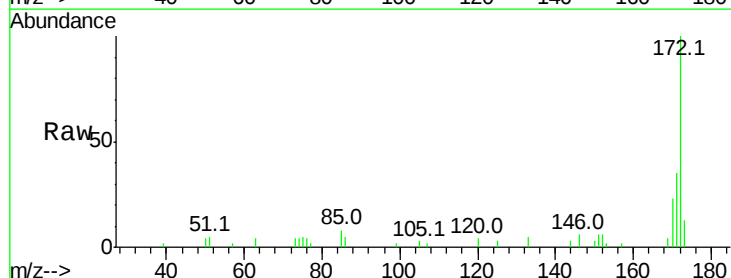


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

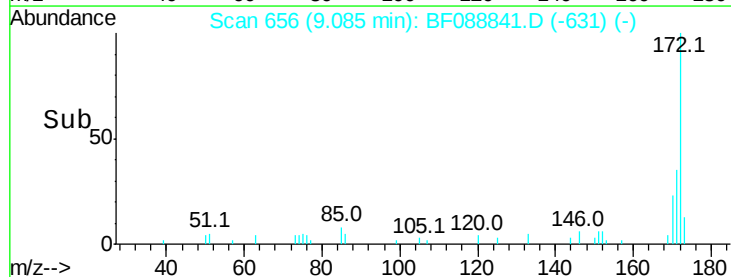
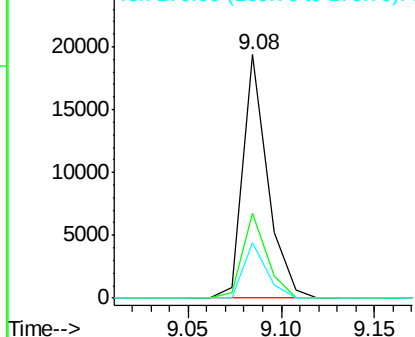


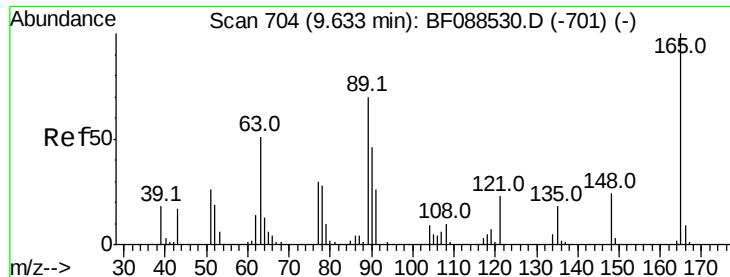
#44
 2-Fluorobiphenyl
 Concen: 1.77 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088841.D
 Acq: 8 Jul 2016 23:20

Tgt Ion:172 Resp: 17882
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

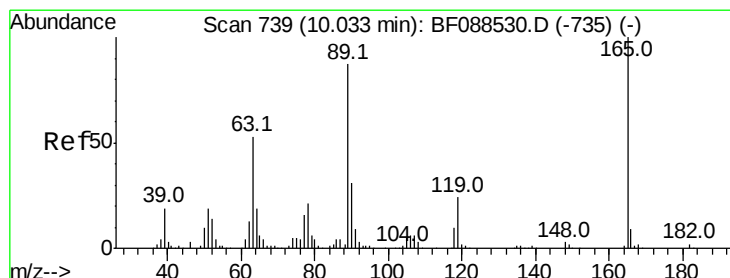
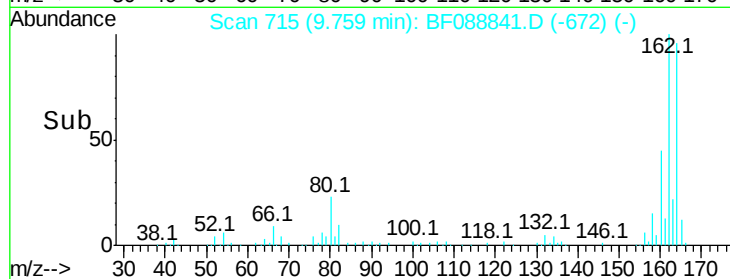
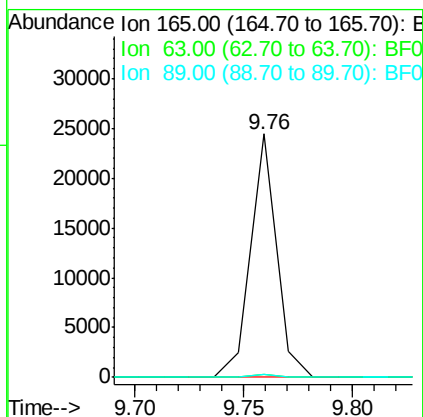
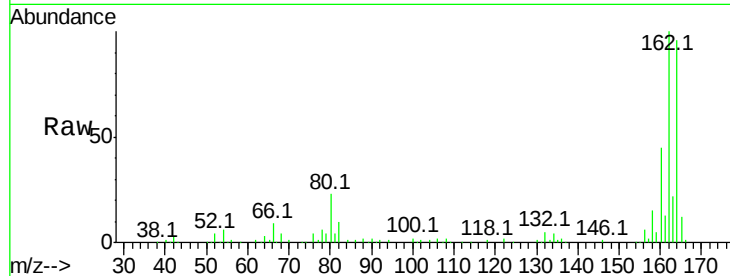




#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088841.D
 Acq: 8 Jul 2016 23:20

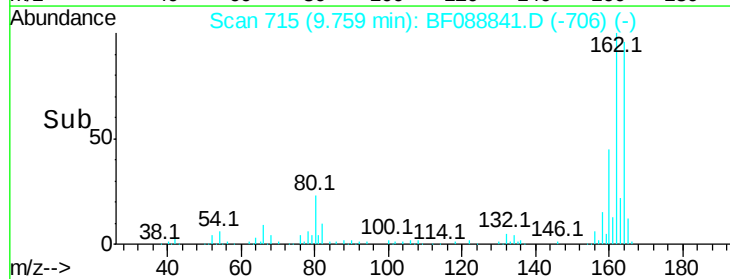
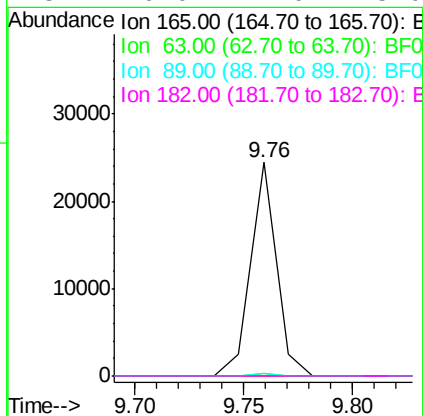
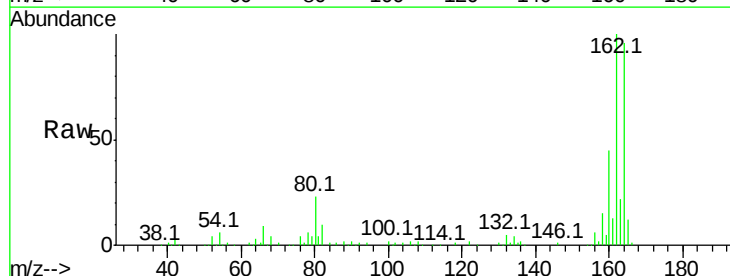
Instrument :
 BNA_F
 ClientSampleId :

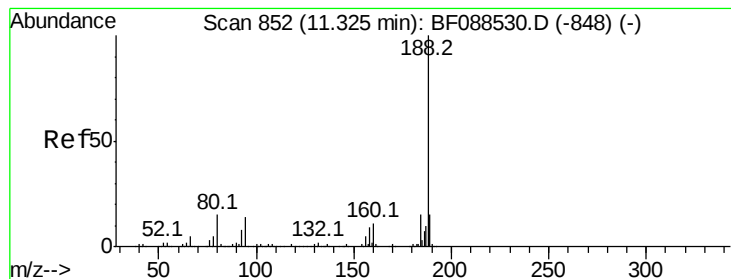
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.5	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088841.D
 Acq: 8 Jul 2016 23:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088841.D

Acq: 8 Jul 2016 23:20

Instrument :

BNA_F

ClientSampleId :

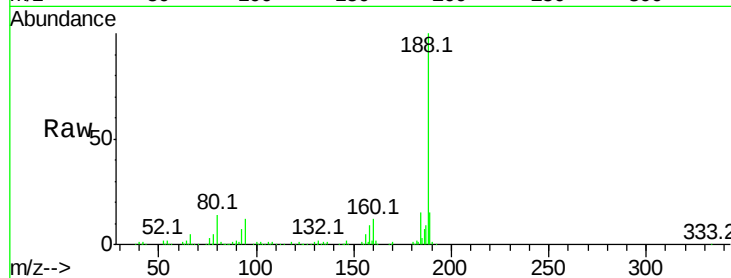
Tot Ion:188 Resp: 286461

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

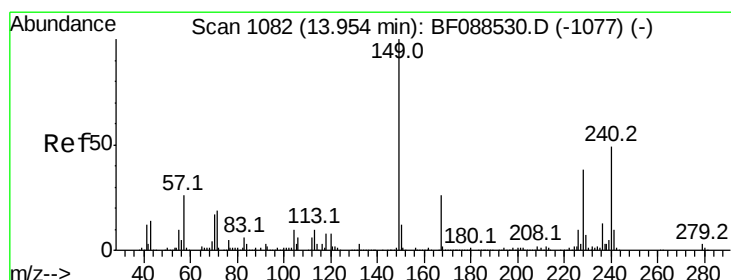
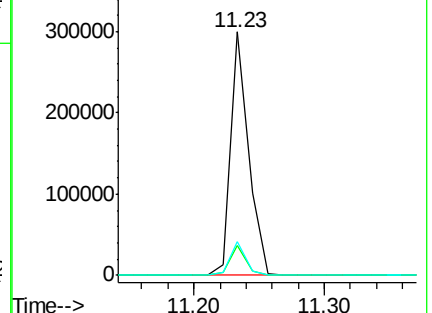
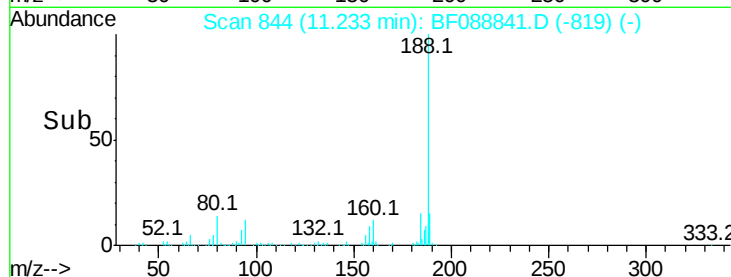
80 14.1 10.0 15.0



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: BF088841.D

Acq: 8 Jul 2016 23:20

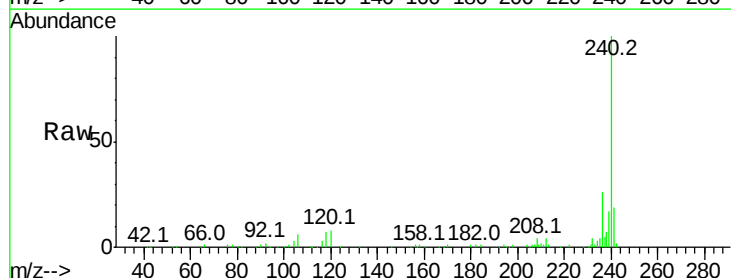
Tgt Ion:240 Resp: 192517

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

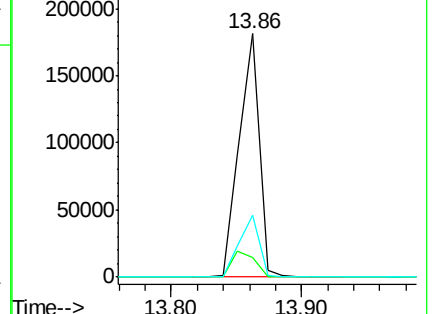
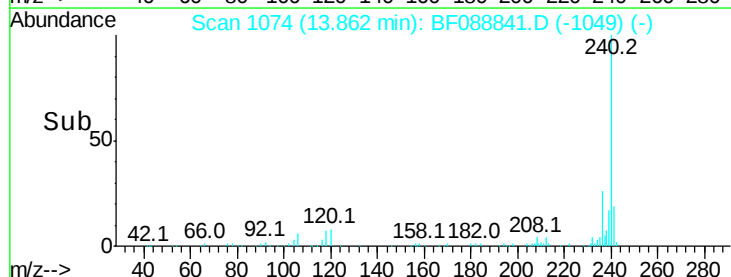
236 25.6 20.2 30.2

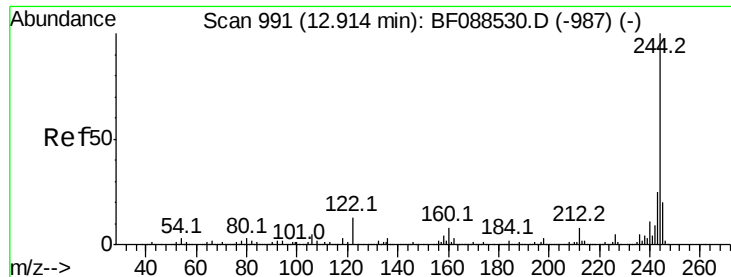


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.55 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088841.D

Acq: 8 Jul 2016 23:20

Instrument :

BNA_F

ClientSampleId :

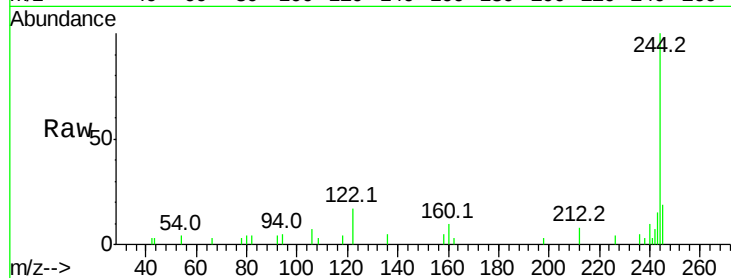
Tot Ion:244 Resp: 13421

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

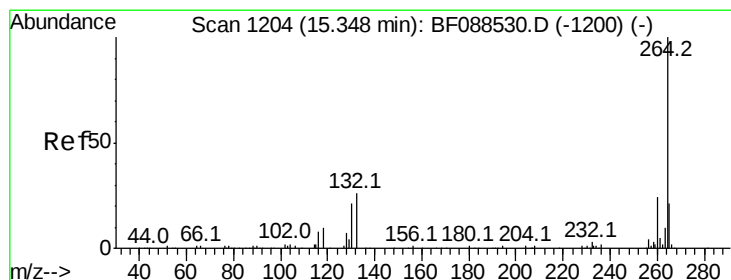
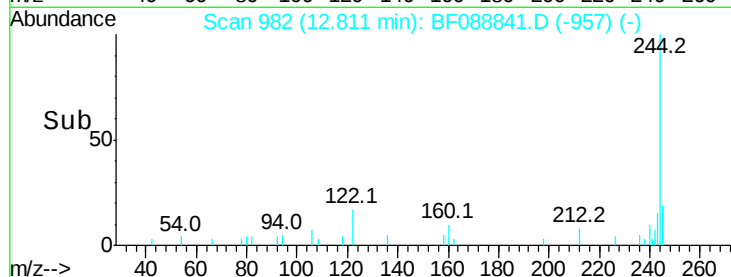
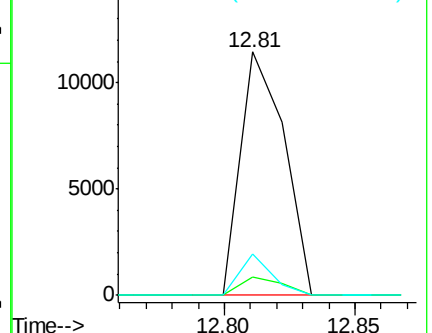
122 17.1 11.2 16.8#



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: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088841.D

Acq: 8 Jul 2016 23:20

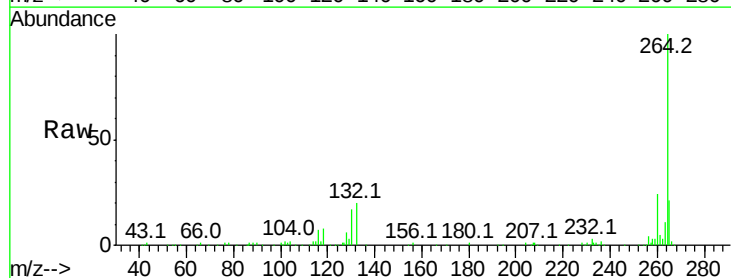
Tgt Ion:264 Resp: 168216

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 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

