

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089614.D
 Acq On : 5 Aug 2016 5:49
 Operator : UM/SJ
 Sample : H4288-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Quant Time: Aug 05 07:38:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

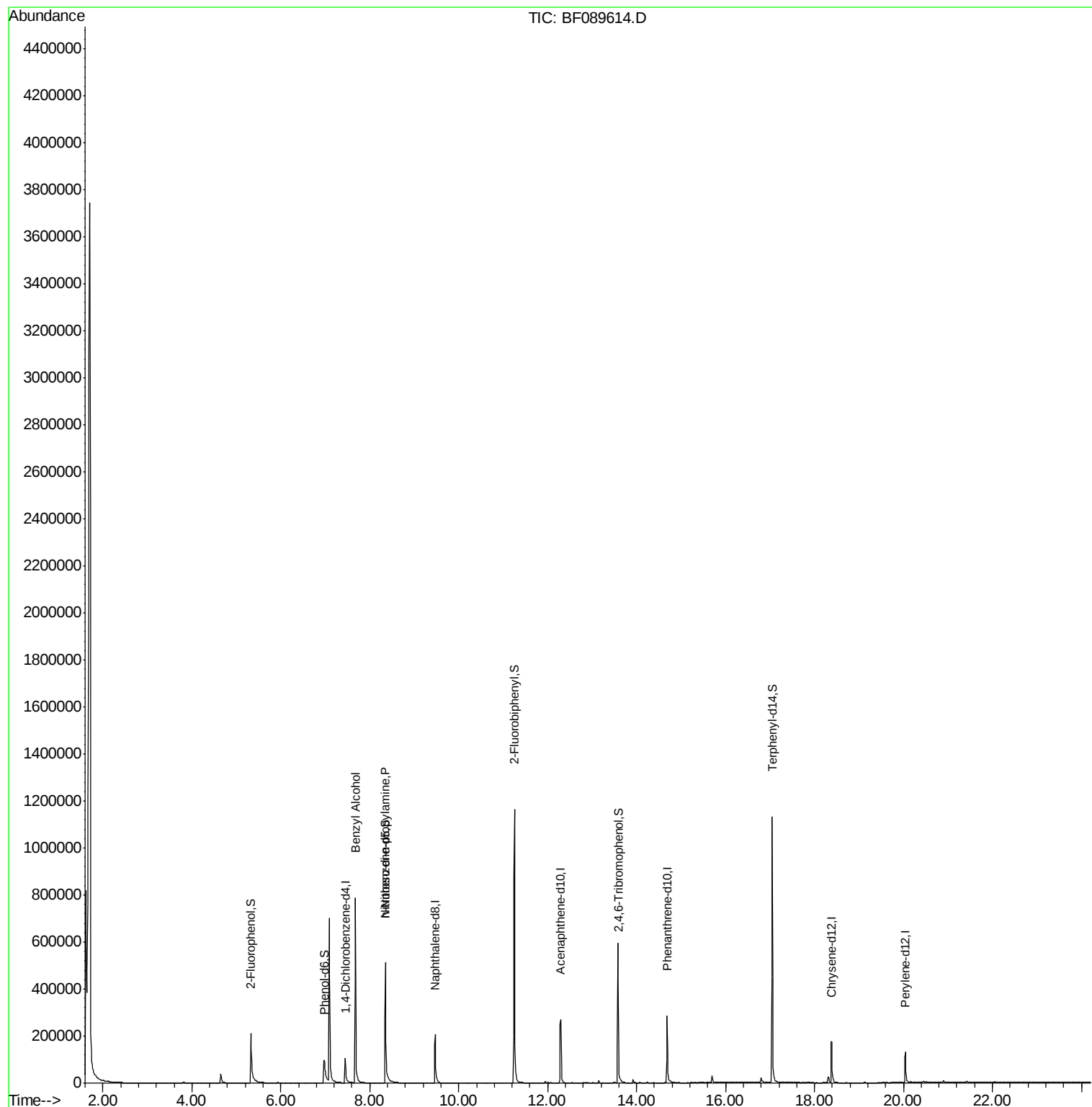
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43878	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	189777	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	94372	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	177311	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	114784	20.00	ng	0.00
86) Perylene-d12	20.05	264	83221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	146699	56.04	ng	0.01
7) Phenol-d6	6.97	99	123824	34.87	ng	-0.01
23) Nitrobenzene-d5	8.35	82	318026	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	104098	133.67	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	613812	84.53	ng	0.00
78) Terphenyl-d14	17.05	244	475530	81.78	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.68	79	4918	2.11	ng	# 49
19) n-Nitroso-di-n-propylamine	8.35	70	38241	14.91	ng	# 81

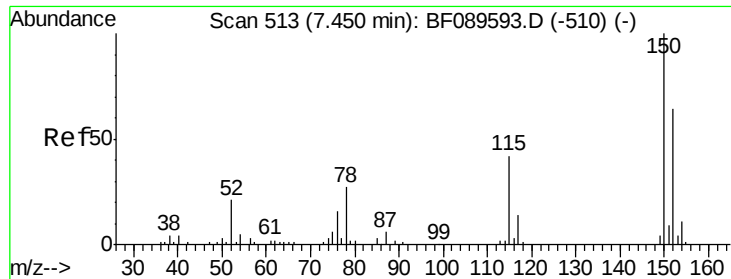
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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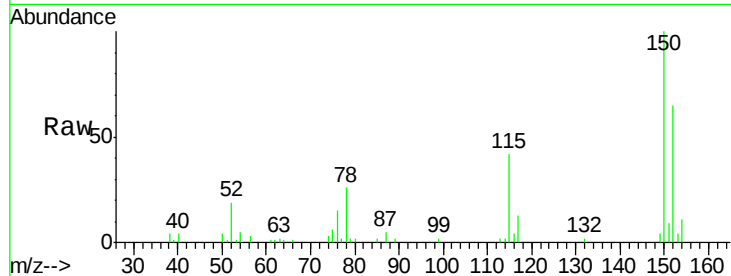




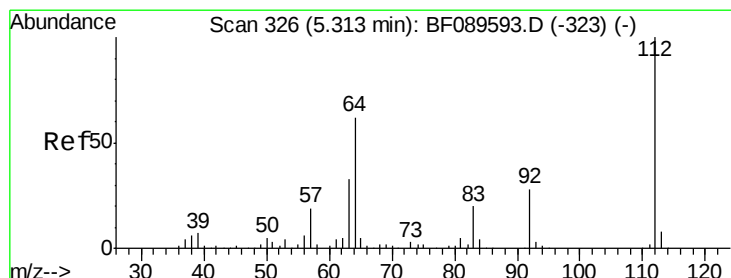
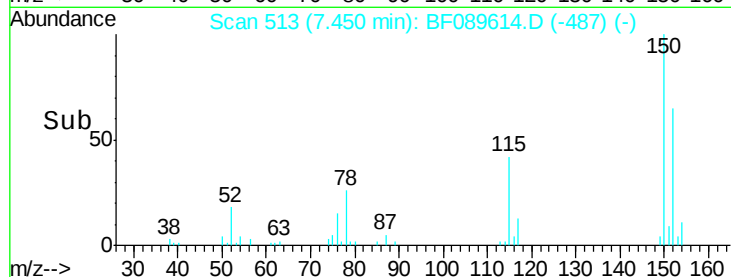
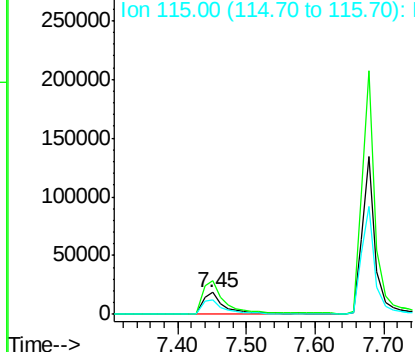
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Tgt Ion:152 Resp: 43878
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.5 188.3
 115 64.2 52.0 78.0

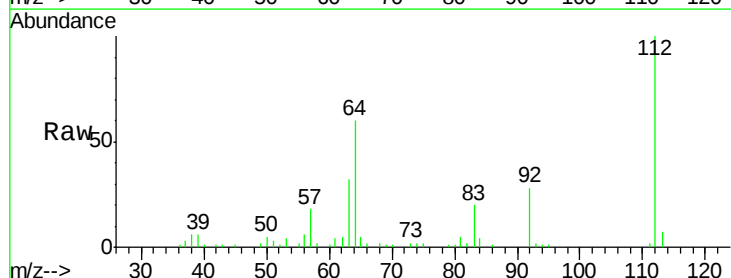


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

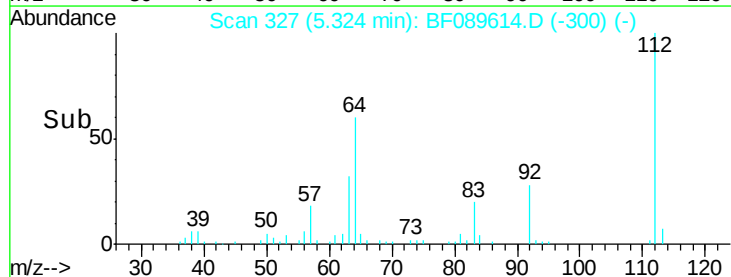
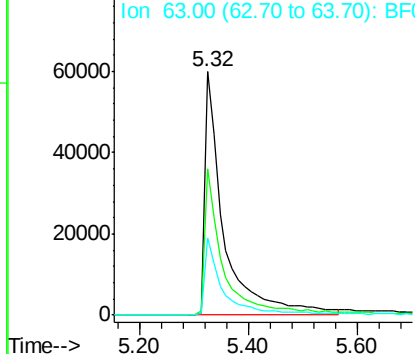


#5
 2-Fluorophenol
 Concen: 56.04 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Tgt Ion:112 Resp: 146699
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.9 74.9
 63 31.6 26.1 39.1



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: 34.87 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0

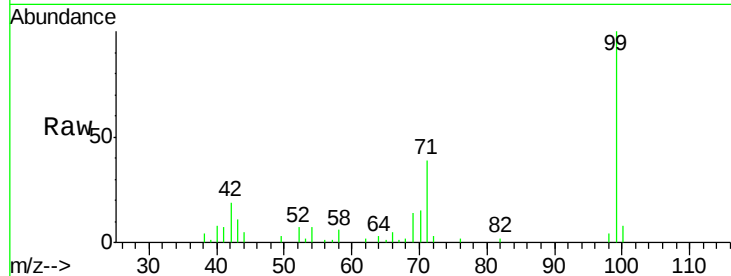
Tgt Ion: 99 Resp: 123824

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

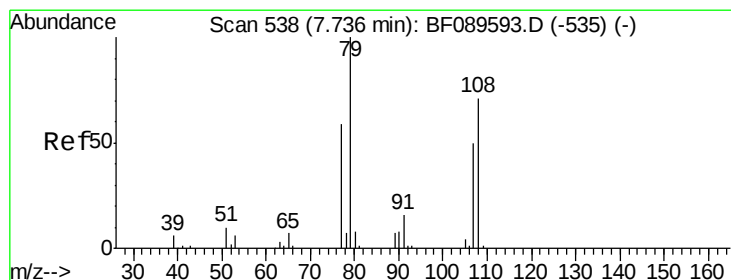
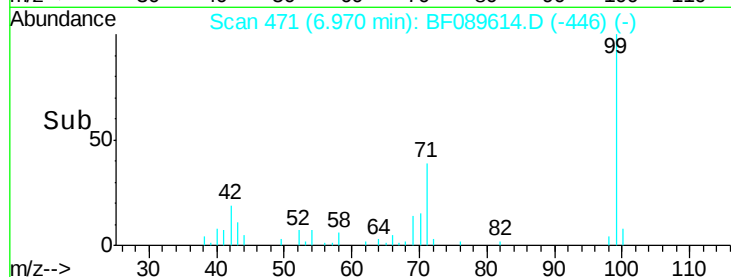
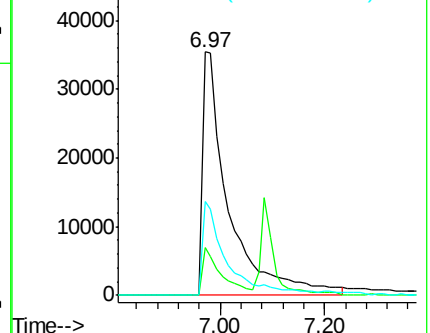
71 38.6 29.0 43.4



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

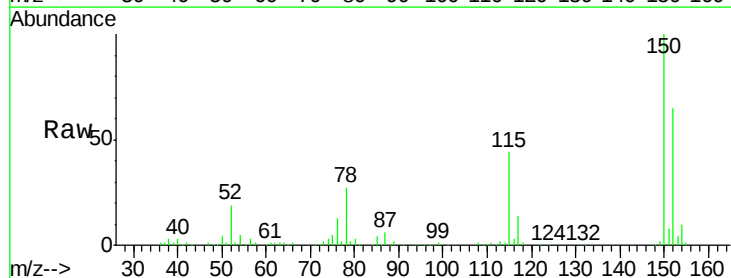
Tgt Ion: 79 Resp: 4918

Ion Ratio Lower Upper

79 100

108 31.1 58.3 87.5#

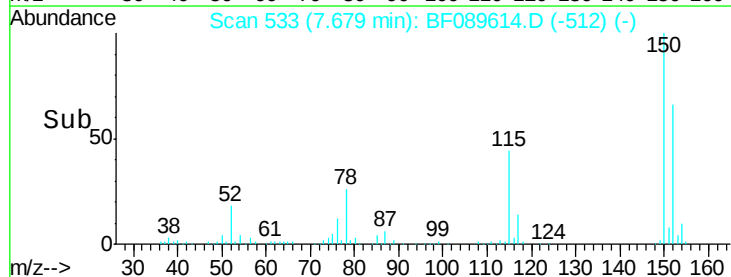
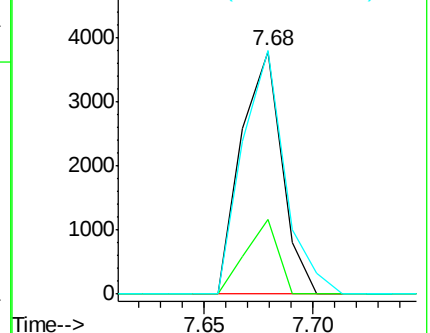
77 100.4 48.7 73.1#

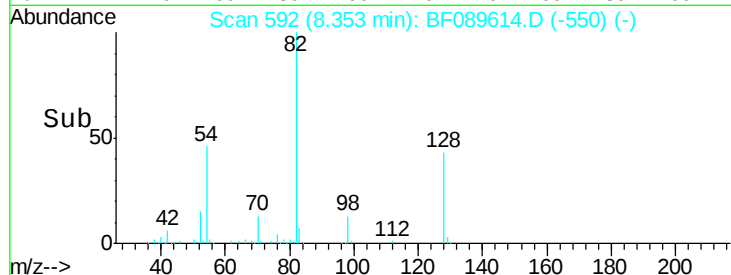
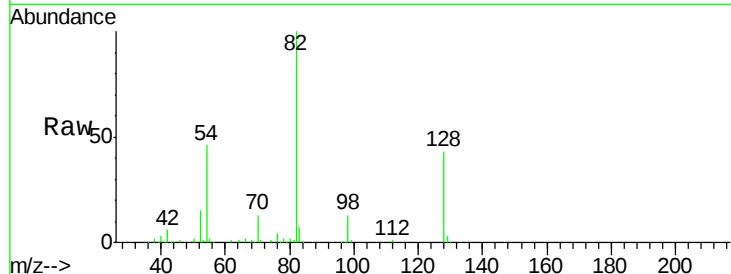
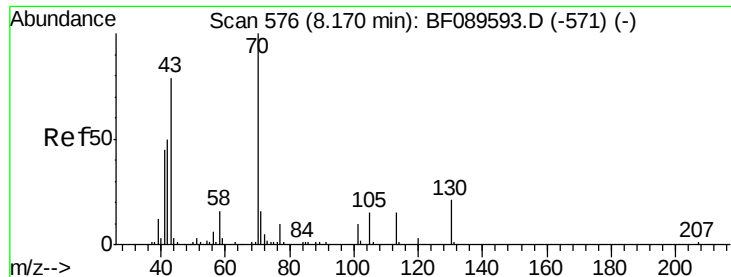


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

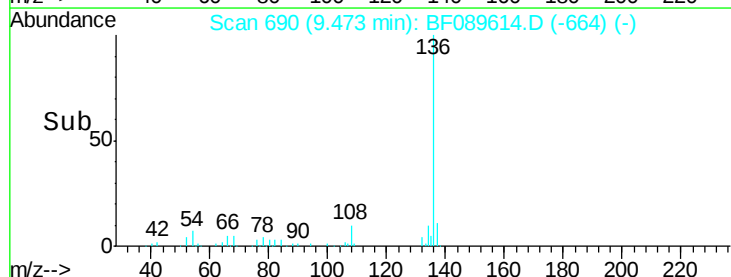
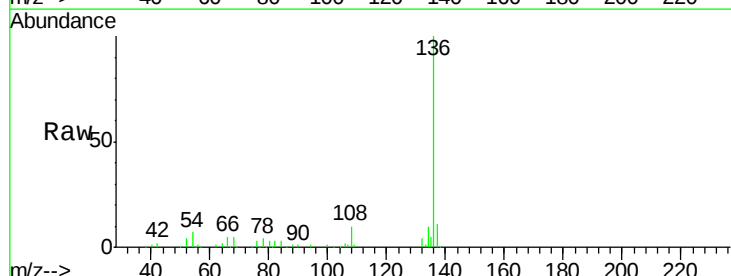
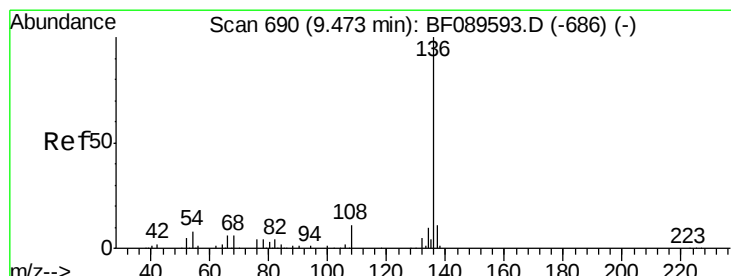
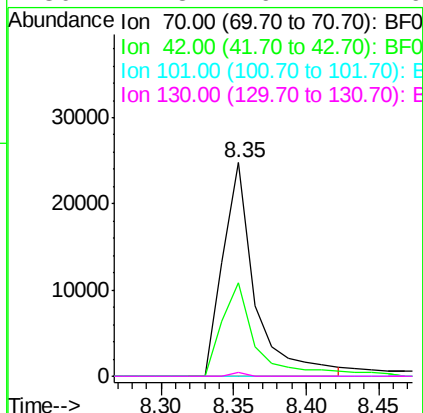




#19
n-Nitroso-di-n-propylamine
Concen: 14.91 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

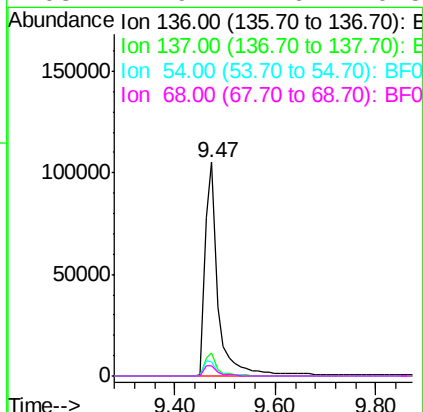
Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

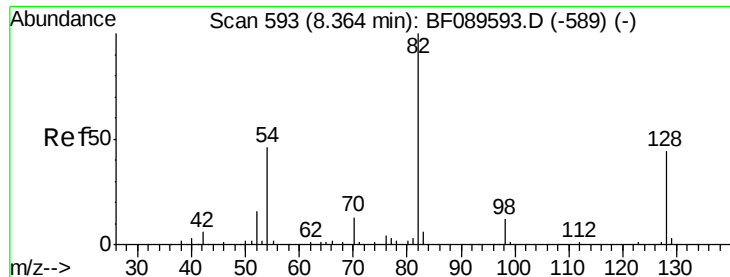
Tgt Ion: 70 Resp: 38241
Ion Ratio Lower Upper
70 100
42 43.7 40.2 60.2
101 0.0 7.8 11.6#
130 1.8 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion: 136 Resp: 189777
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 6.0 9.0
68 4.9 4.6 6.8

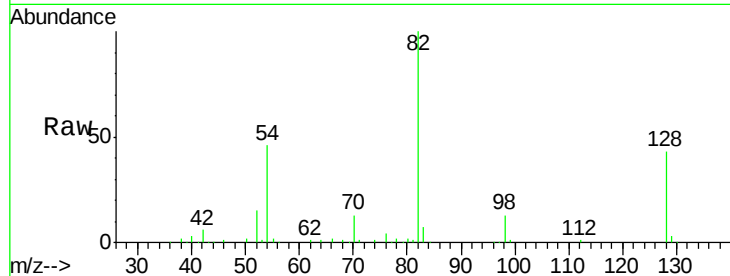




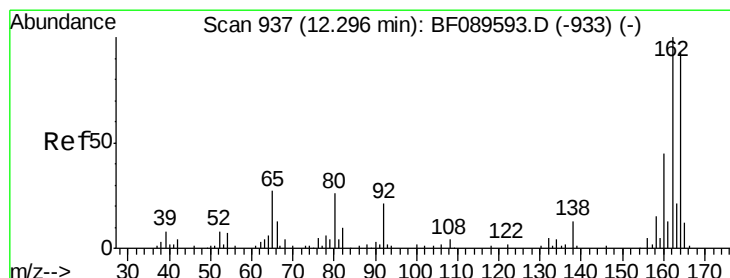
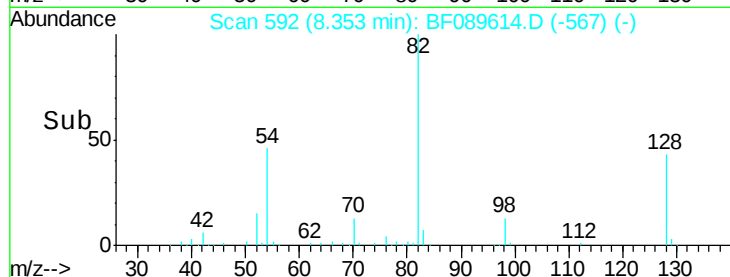
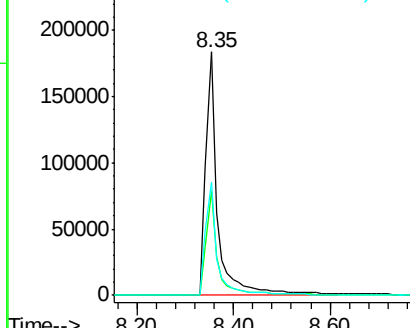
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion: 82 Resp: 318026
Ion Ratio Lower Upper
82 100
128 42.7 35.4 53.0
54 46.4 36.4 54.6

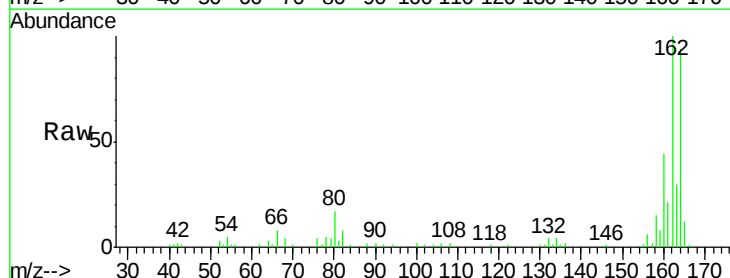


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

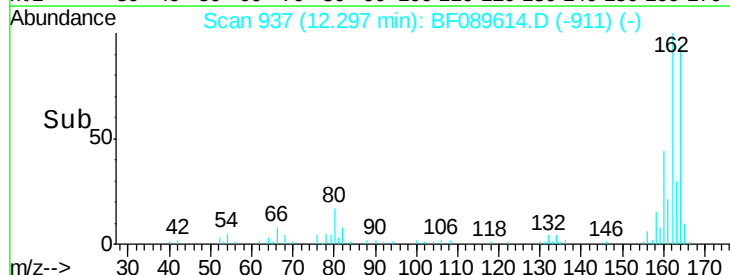
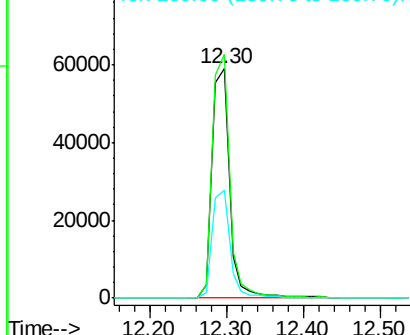


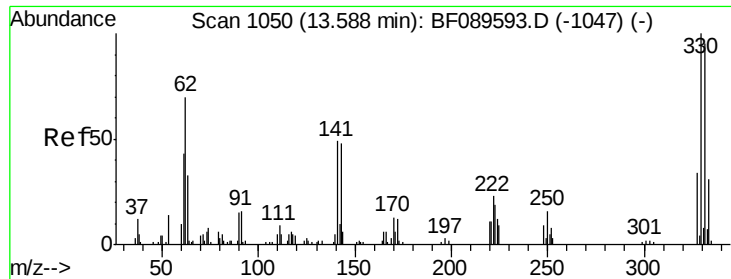
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion: 164 Resp: 94372
Ion Ratio Lower Upper
164 100
162 106.2 85.7 128.5
160 47.2 38.2 57.4



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

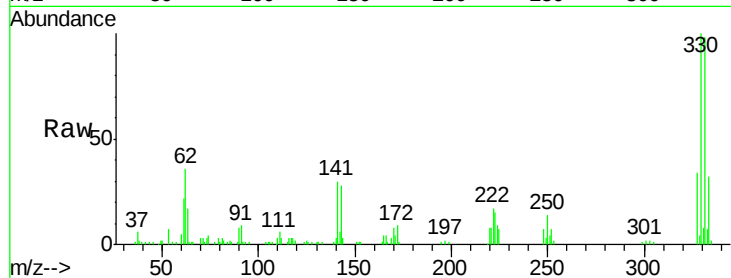




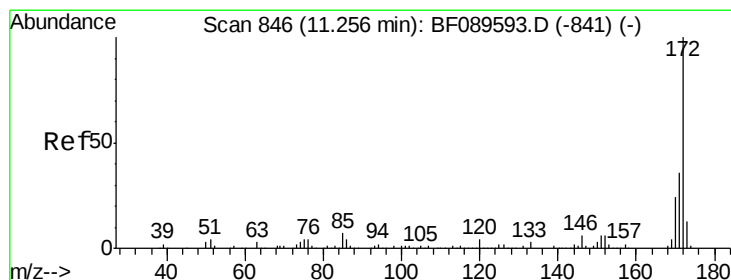
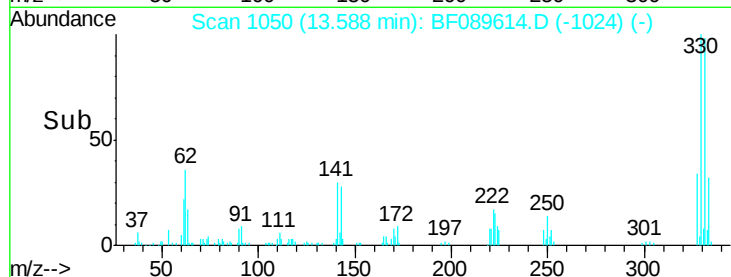
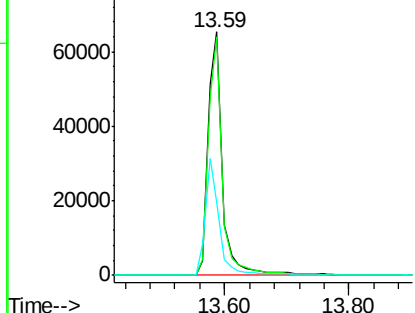
#41
 2,4,6-Tribromophenol
 Concen: 133.67 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Tgt Ion:330 Resp: 104098
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 46.7 38.6 57.8

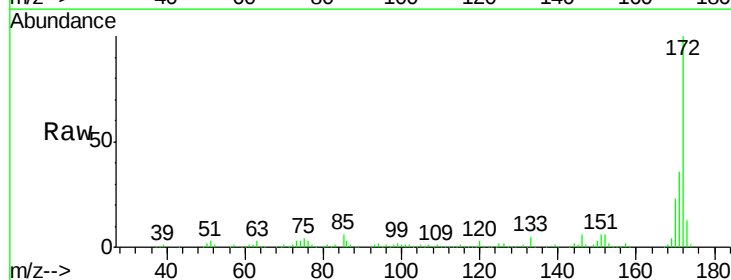


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

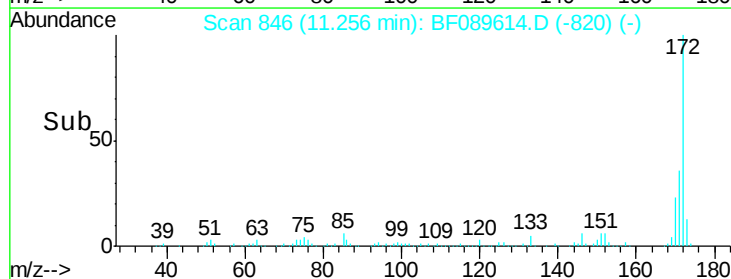
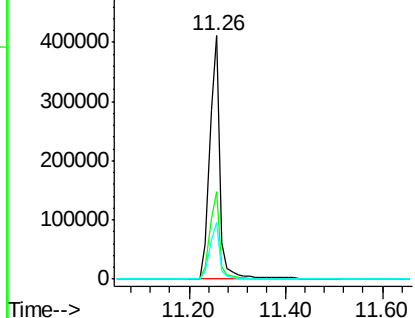


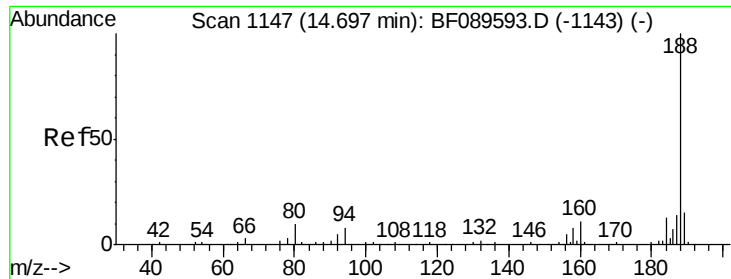
#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Tgt Ion:172 Resp: 613812
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.5 19.0 28.6



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

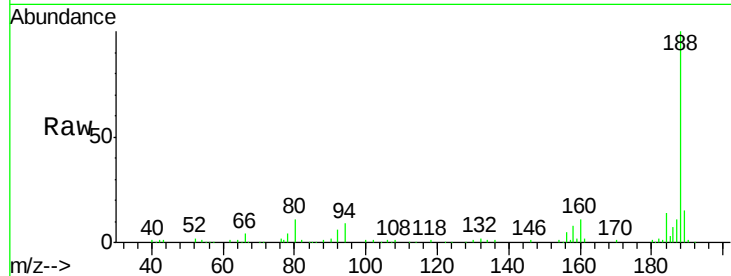




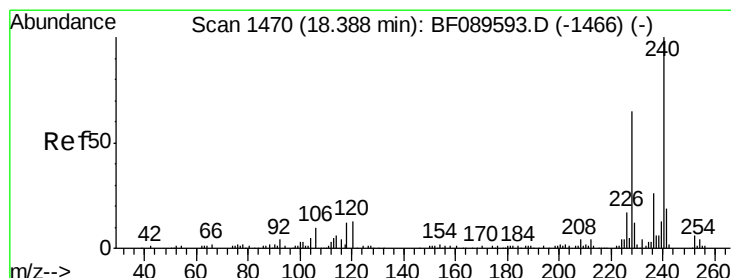
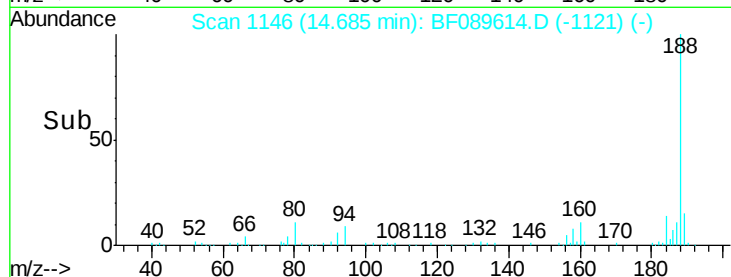
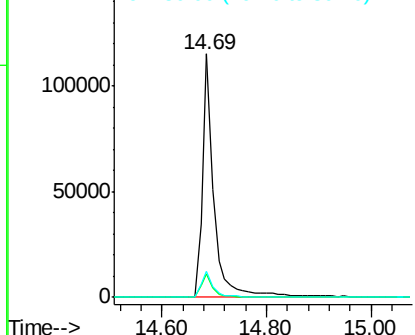
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Tgt Ion:188 Resp: 177311
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.5 9.7
 80 10.7 8.0 12.0

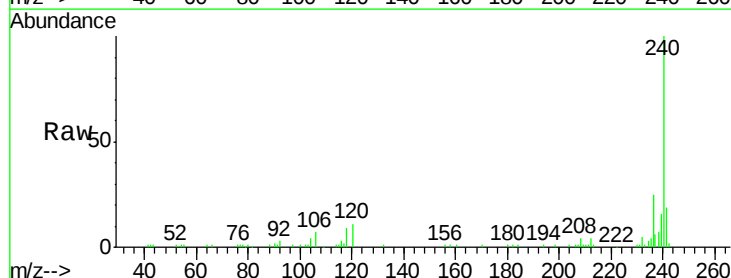


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

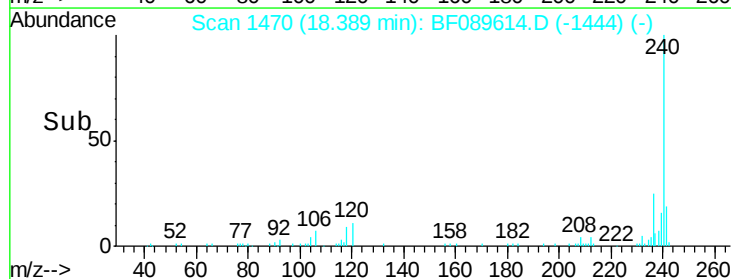
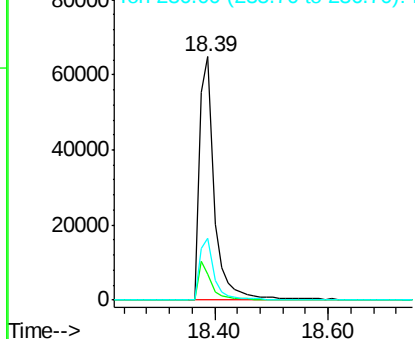


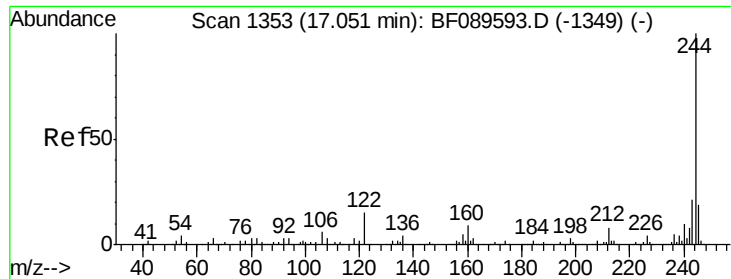
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Tgt Ion:240 Resp: 114784
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.6 15.8#
 236 25.5 20.6 30.8



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: 81.78 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0

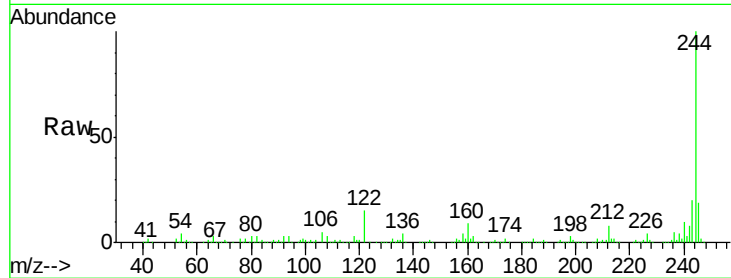
Tgt Ion:244 Resp: 475530

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

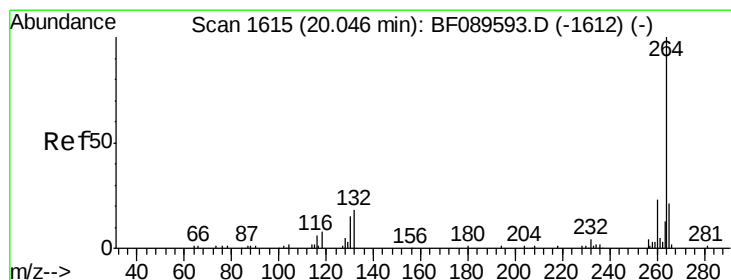
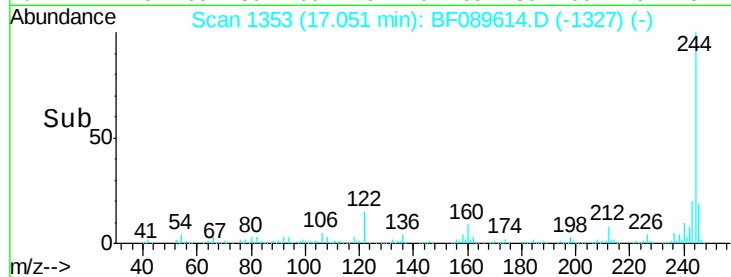
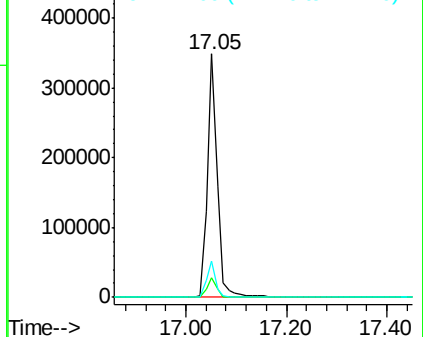
122 14.8 12.2 18.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

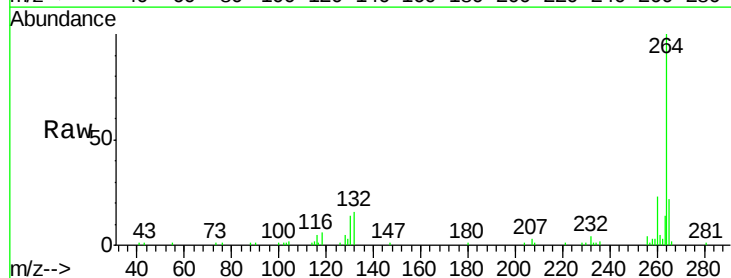
Tgt Ion:264 Resp: 83221

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.0 16.5 24.7



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

