

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089613.D
 Acq On : 5 Aug 2016 5:15
 Operator : UM/SJ
 Sample : H4288-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-63-7.5-15.0

Quant Time: Aug 05 05:58:35 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

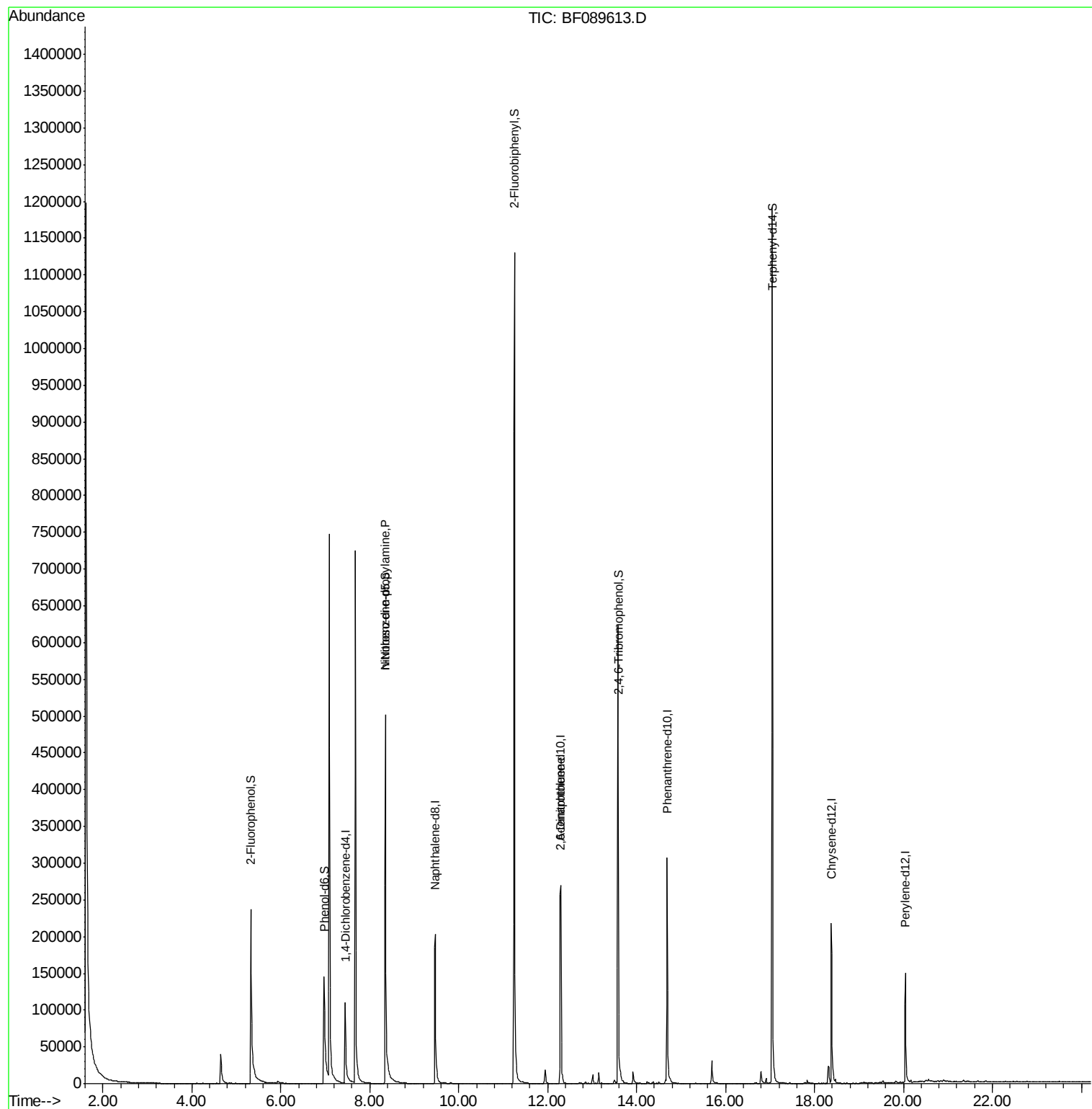
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	44792	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	193807	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	93899	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	187067	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	129939	20.00	ng	-0.01
86) Perylene-d12	20.05	264	89327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	153724	57.52	ng	0.01
7) Phenol-d6	6.97	99	139600	38.51	ng	-0.01
23) Nitrobenzene-d5	8.35	82	303129	86.51	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	110744	142.92	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	604772	83.70	ng	0.00
78) Terphenyl-d14	17.05	244	505591	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	36103	13.79	ng	# 80
50) 2,6-Dinitrotoluene	12.29	165	10638	7.27	ng	# 24

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

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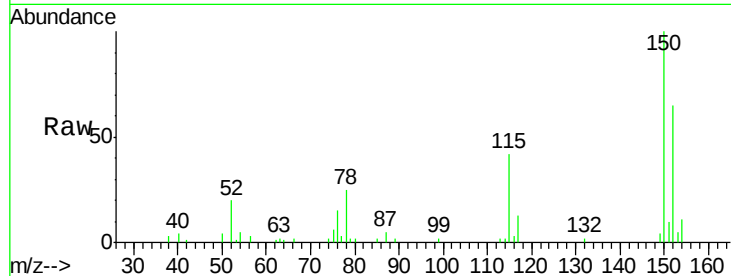




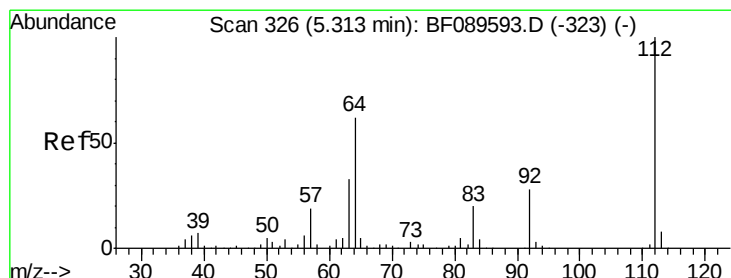
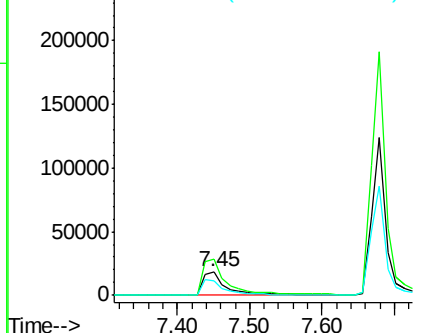
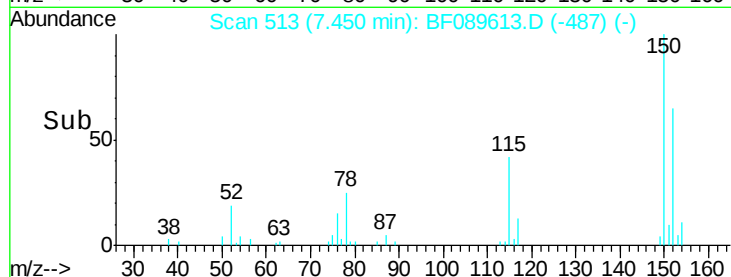
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Instrument :
 BNA_F
 ClientSampleId :
 GW-63-7.5-15.0

Tgt Ion:152 Resp: 44792
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.5 188.3
 115 63.7 52.0 78.0

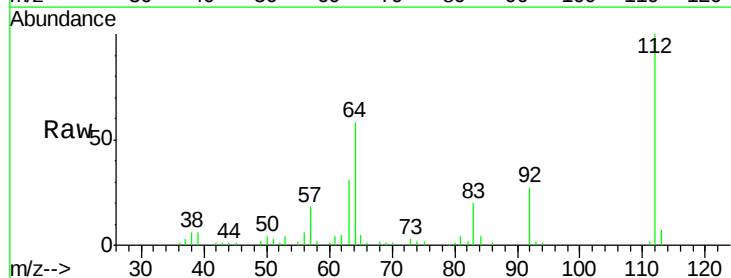


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

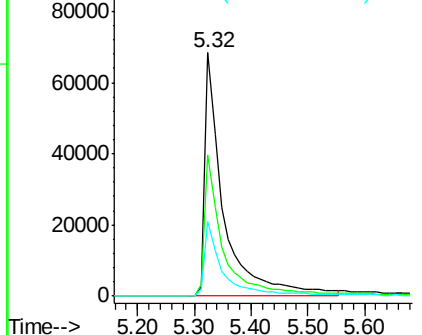
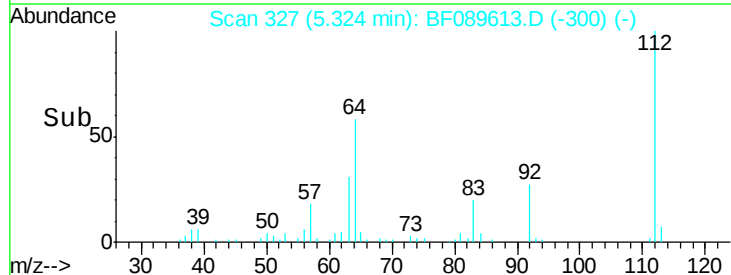


#5
 2-Fluorophenol
 Concen: 57.52 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Tgt Ion:112 Resp: 153724
 Ion Ratio Lower Upper
 112 100
 64 57.9 49.9 74.9
 63 30.5 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: 38.51 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089613.D

Acq: 5 Aug 2016 5:15

Instrument :

BNA_F

ClientSampleId :

GW-63-7.5-15.0

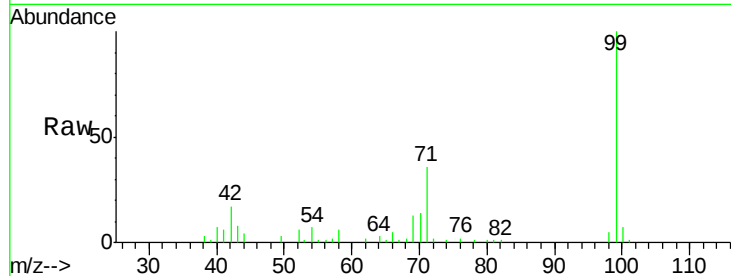
Tgt Ion: 99 Resp: 139600

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

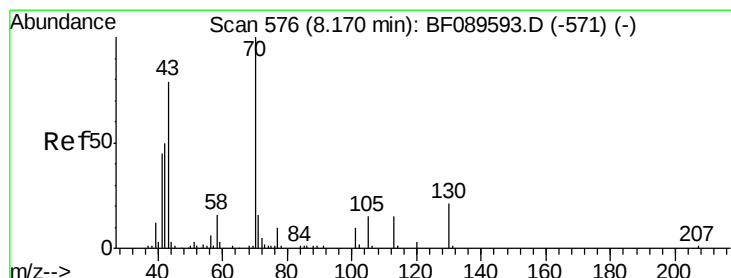
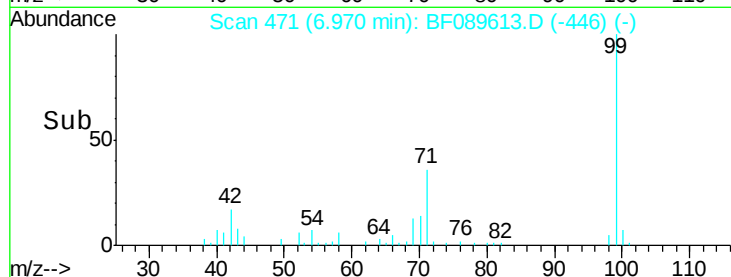
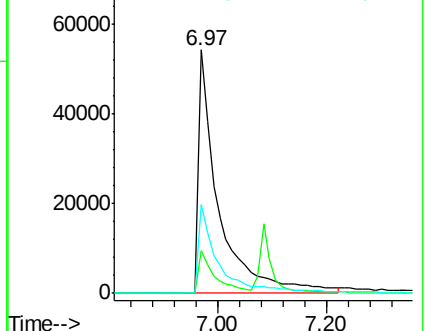
71 36.5 29.0 43.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.79 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089613.D

Acq: 5 Aug 2016 5:15

Tgt Ion: 70 Resp: 36103

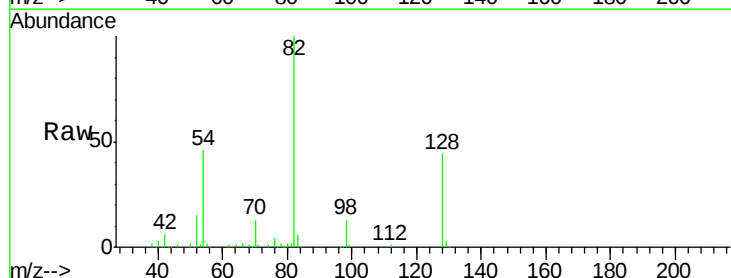
Ion Ratio Lower Upper

70 100

42 43.3 40.2 60.2

101 0.0 7.8 11.6#

130 2.0 16.4 24.6#

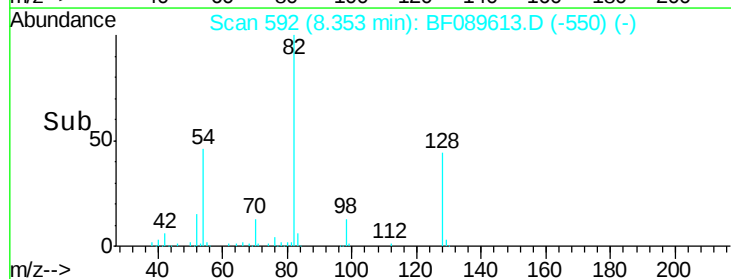
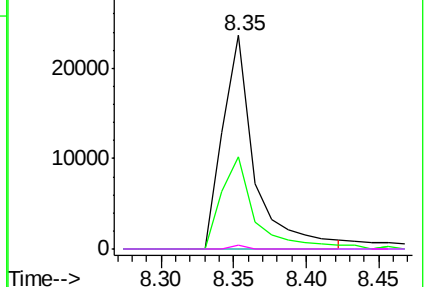


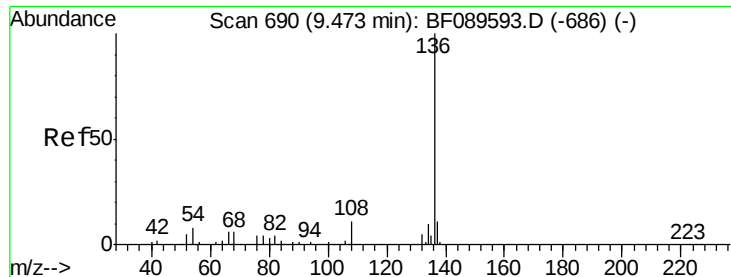
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089613.D

Acq: 5 Aug 2016 5:15

Instrument :

BNA_F

ClientSampleId :

GW-63-7.5-15.0

Tgt Ion:136 Resp: 193807

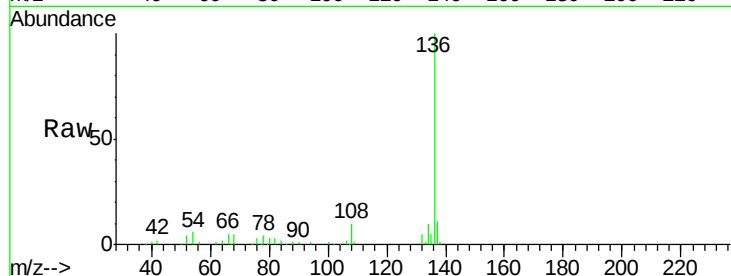
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.3 6.0 9.0

68 5.3 4.6 6.8

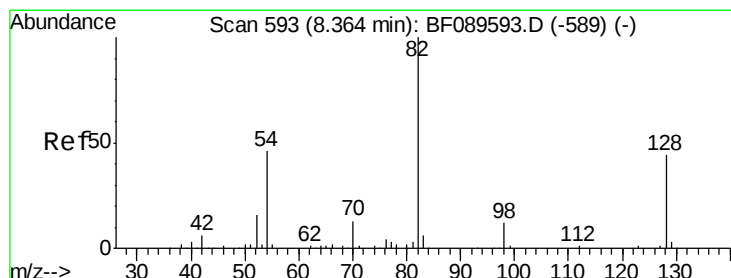
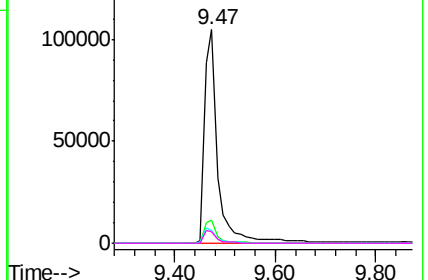
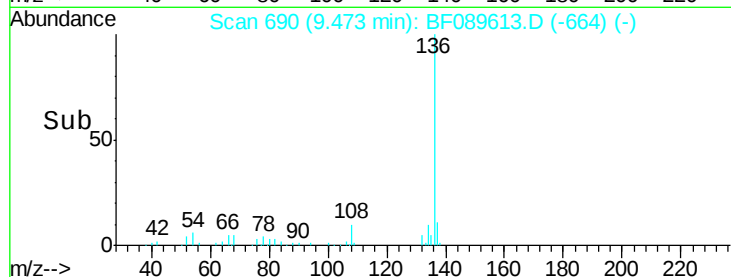


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.51 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089613.D

Acq: 5 Aug 2016 5:15

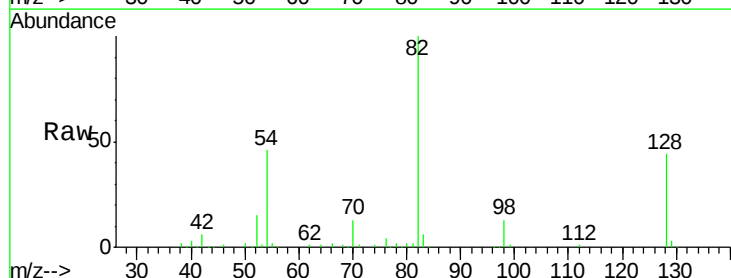
Tgt Ion: 82 Resp: 303129

Ion Ratio Lower Upper

82 100

128 43.9 35.4 53.0

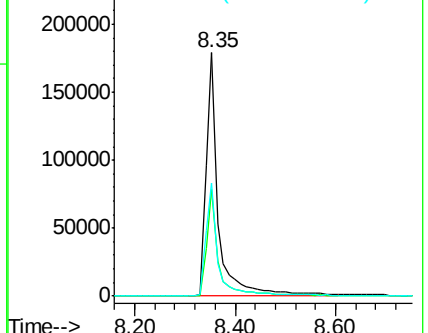
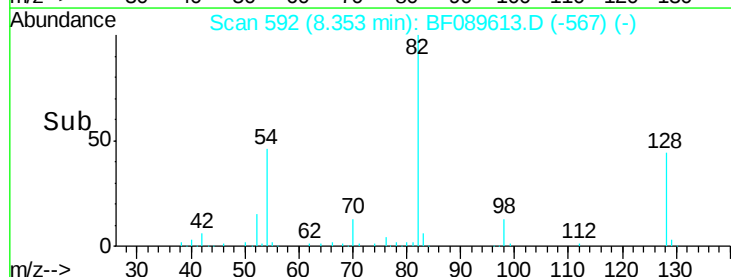
54 46.4 36.4 54.6

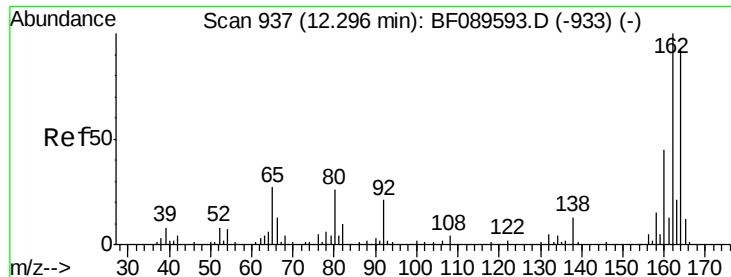


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

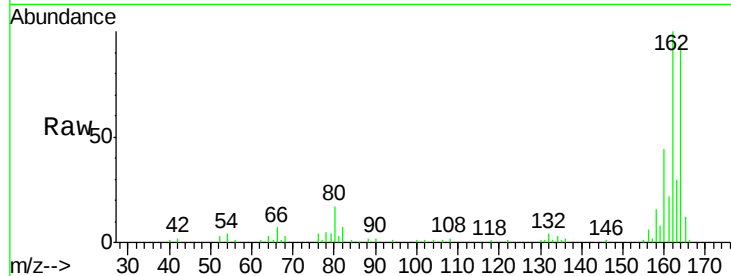




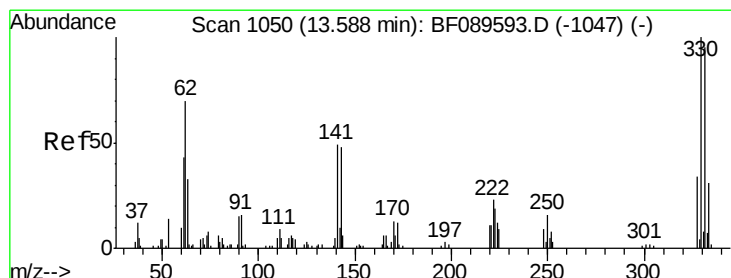
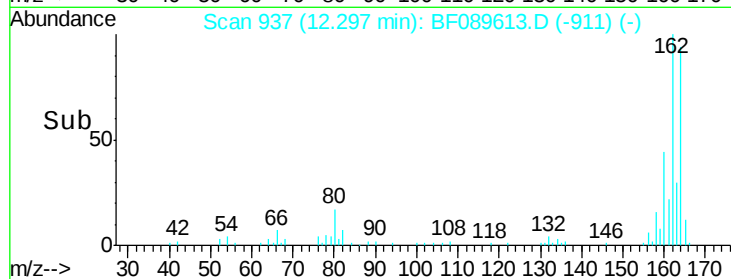
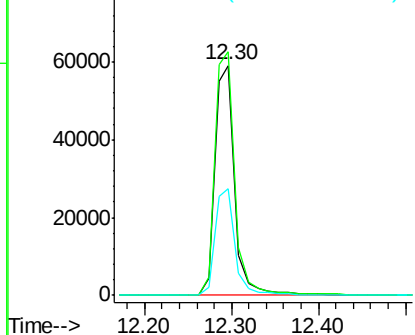
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Instrument :
 BNA_F
 ClientSampleId :
 GW-63-7.5-15.0

Tgt Ion:164 Resp: 93899
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.7 128.5
 160 46.5 38.2 57.4

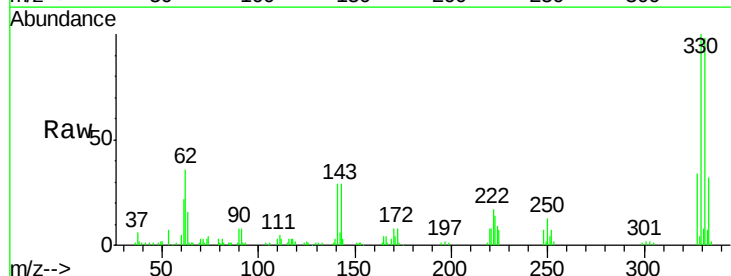


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

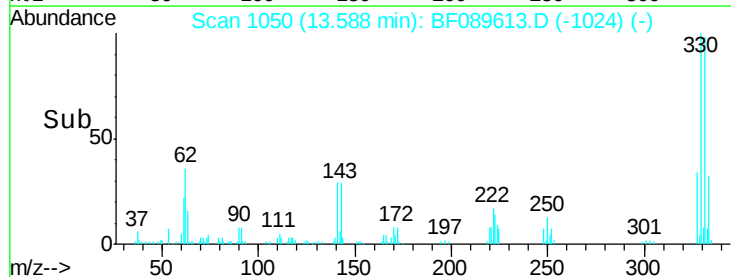
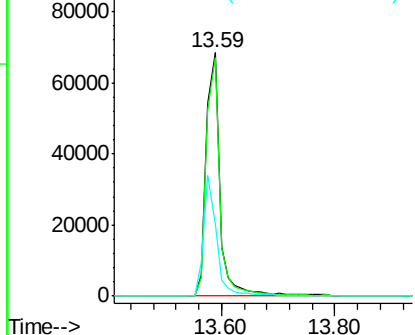


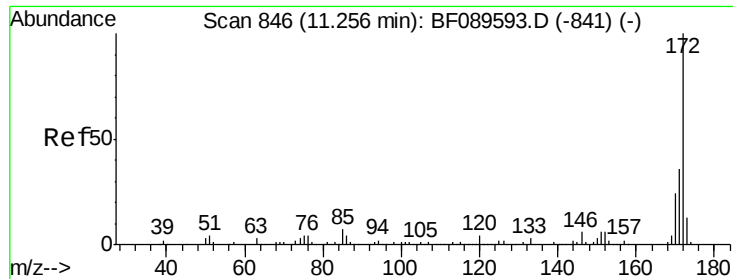
#41
 2,4,6-Tribromophenol
 Concen: 142.92 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Tgt Ion:330 Resp: 110744
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 46.5 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

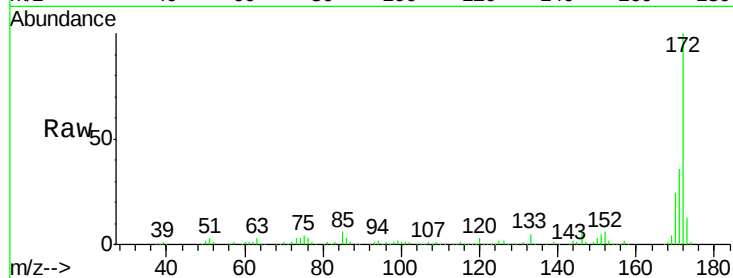




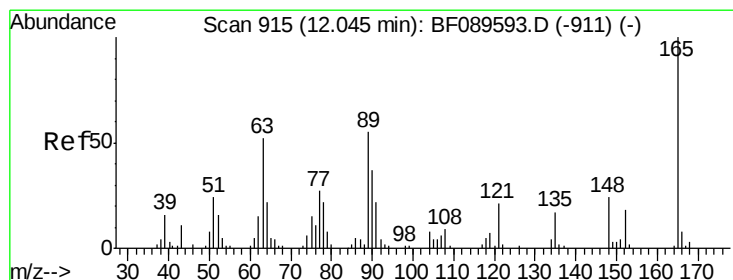
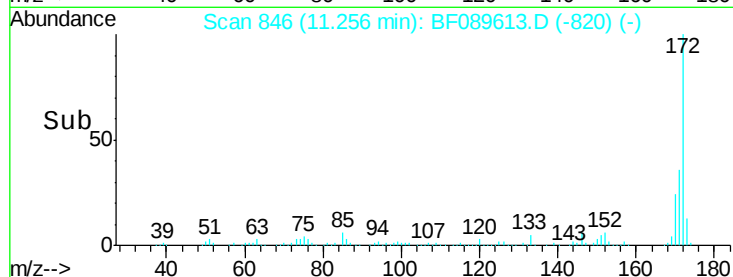
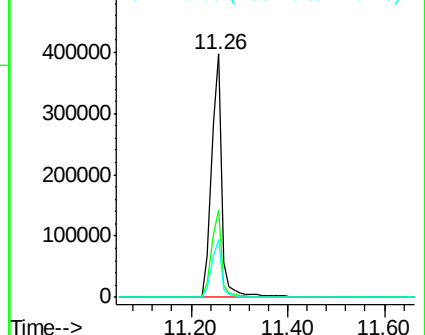
#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Instrument :
 BNA_F
 ClientSampleId :
 GW-63-7.5-15.0

Tgt Ion:172 Resp: 604772
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.7 19.0 28.6

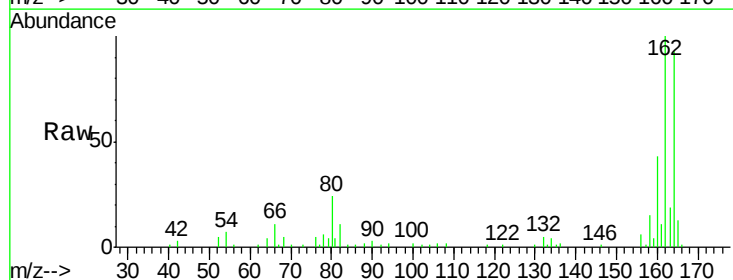


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

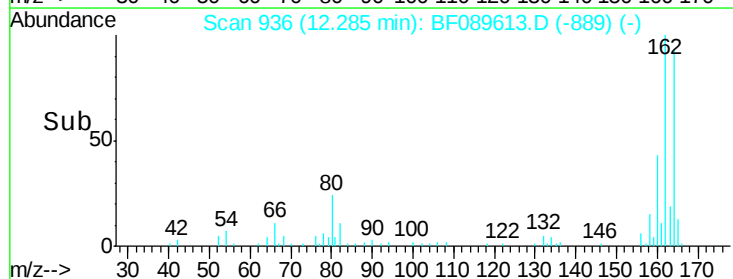
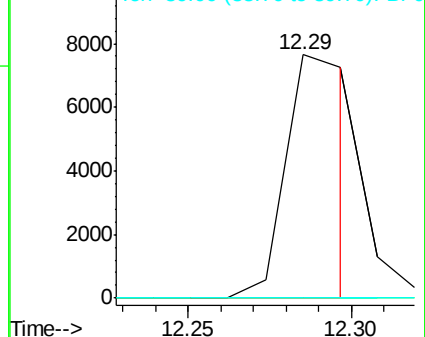


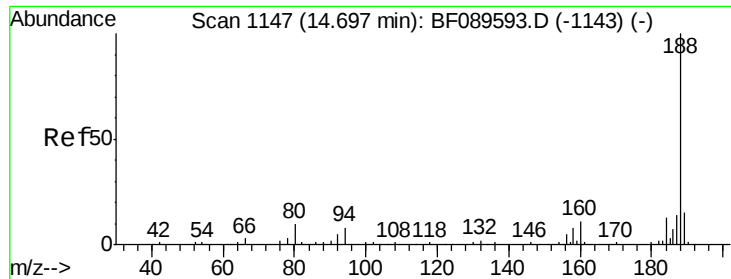
#50
 2,6-Dinitrotoluene
 Concen: 7.27 ng
 RT: 12.29 min Scan# 936
 Delta R.T. 0.24 min
 Lab File: BF089613.D
 Acq: 5 Aug 2016 5:15

Tgt Ion:165 Resp: 10638
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.6 67.0#
 89 0.0 44.2 66.2#



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

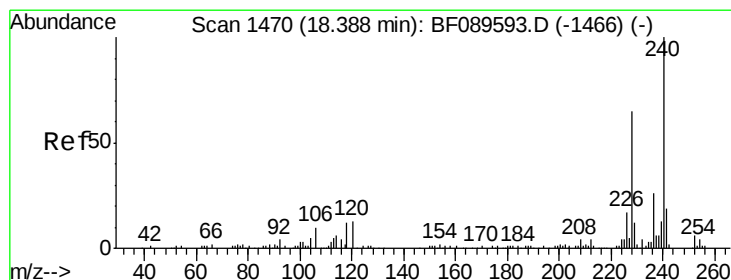
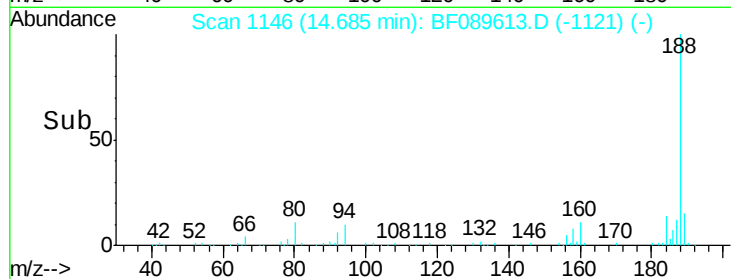
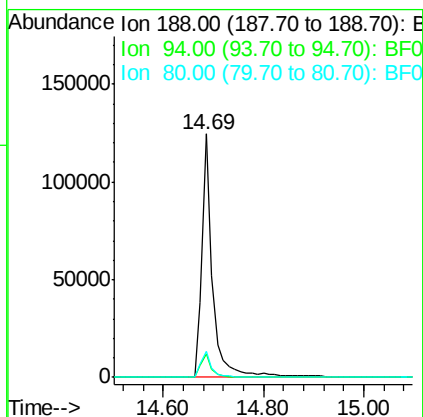
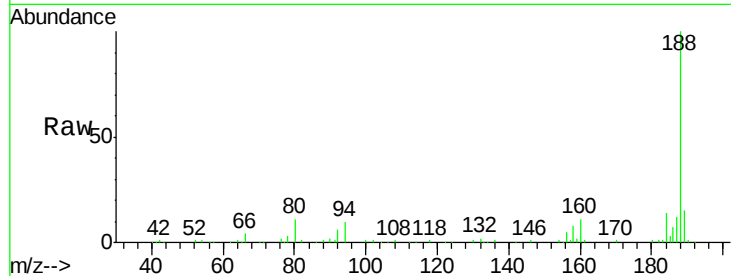




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089613.D
Acq: 5 Aug 2016 5:15

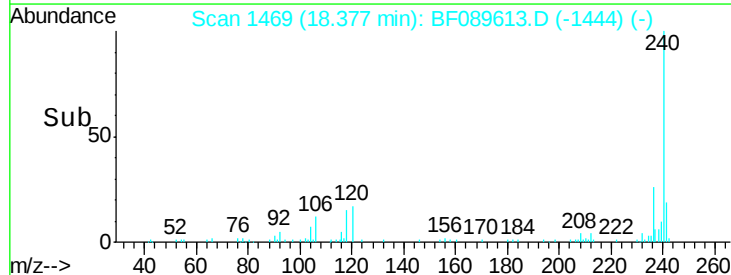
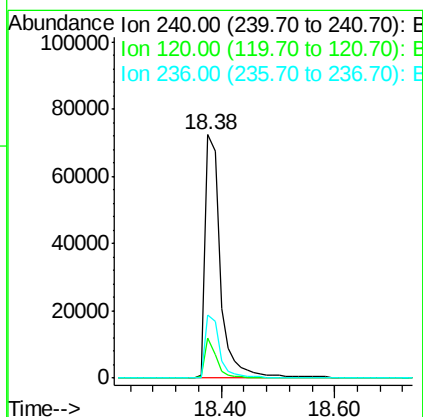
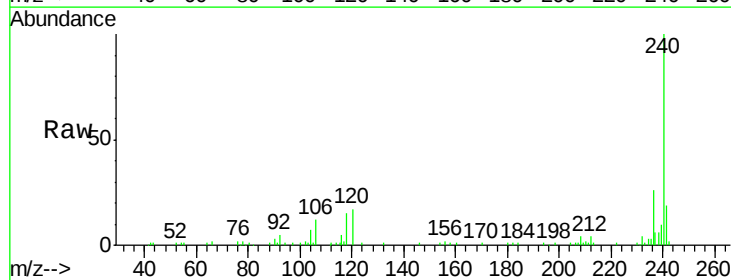
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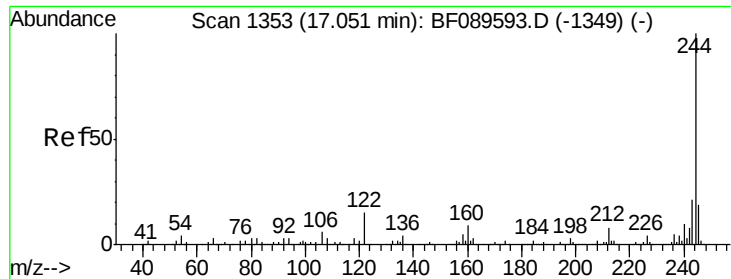
Tgt Ion:188 Resp: 187067
Ion Ratio Lower Upper
188 100
94 9.5 6.5 9.7
80 10.7 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089613.D
Acq: 5 Aug 2016 5:15

Tgt Ion:240 Resp: 129939
Ion Ratio Lower Upper
240 100
120 16.6 10.6 15.8#
236 25.9 20.6 30.8





#78

Terphenyl-d14

Concen: 76.81 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089613.D

Acq: 5 Aug 2016 5:15

Instrument :

BNA_F

ClientSampleId :

GW-63-7.5-15.0

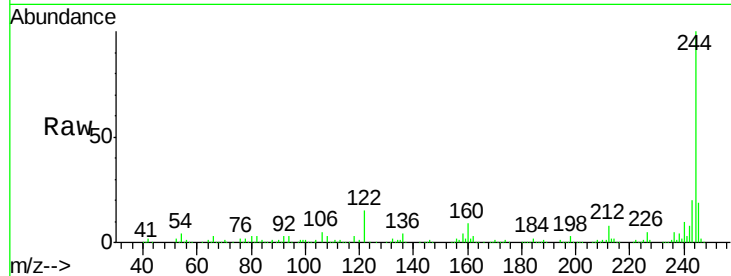
Tgt Ion:244 Resp: 505591

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

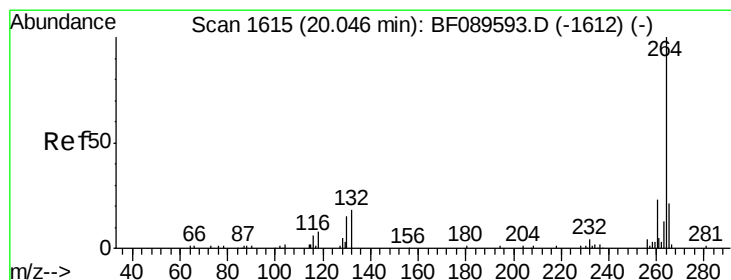
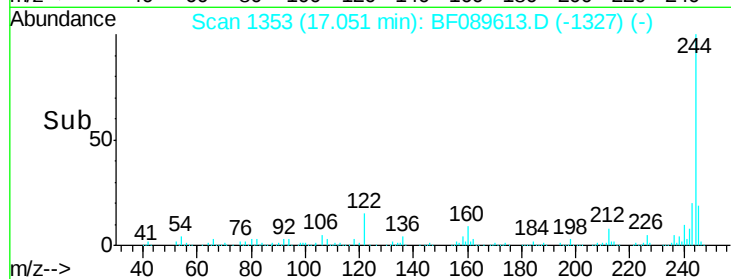
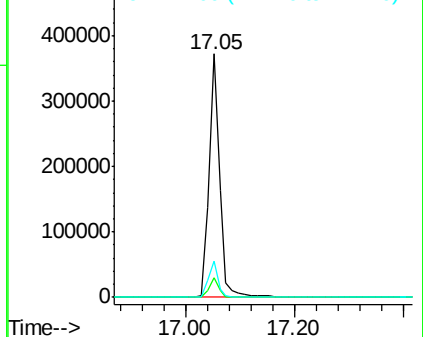
122 14.8 12.2 18.2



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: BF089613.D

Acq: 5 Aug 2016 5:15

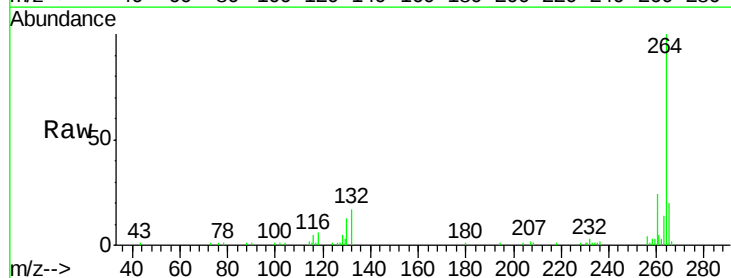
Tgt Ion:264 Resp: 89327

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 19.8 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

