

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022339.D
 Acq On : 14 Jun 2016 17:45
 Operator : UM/SJ
 Sample : H3427-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-52

Quant Time: Jun 15 02:24:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

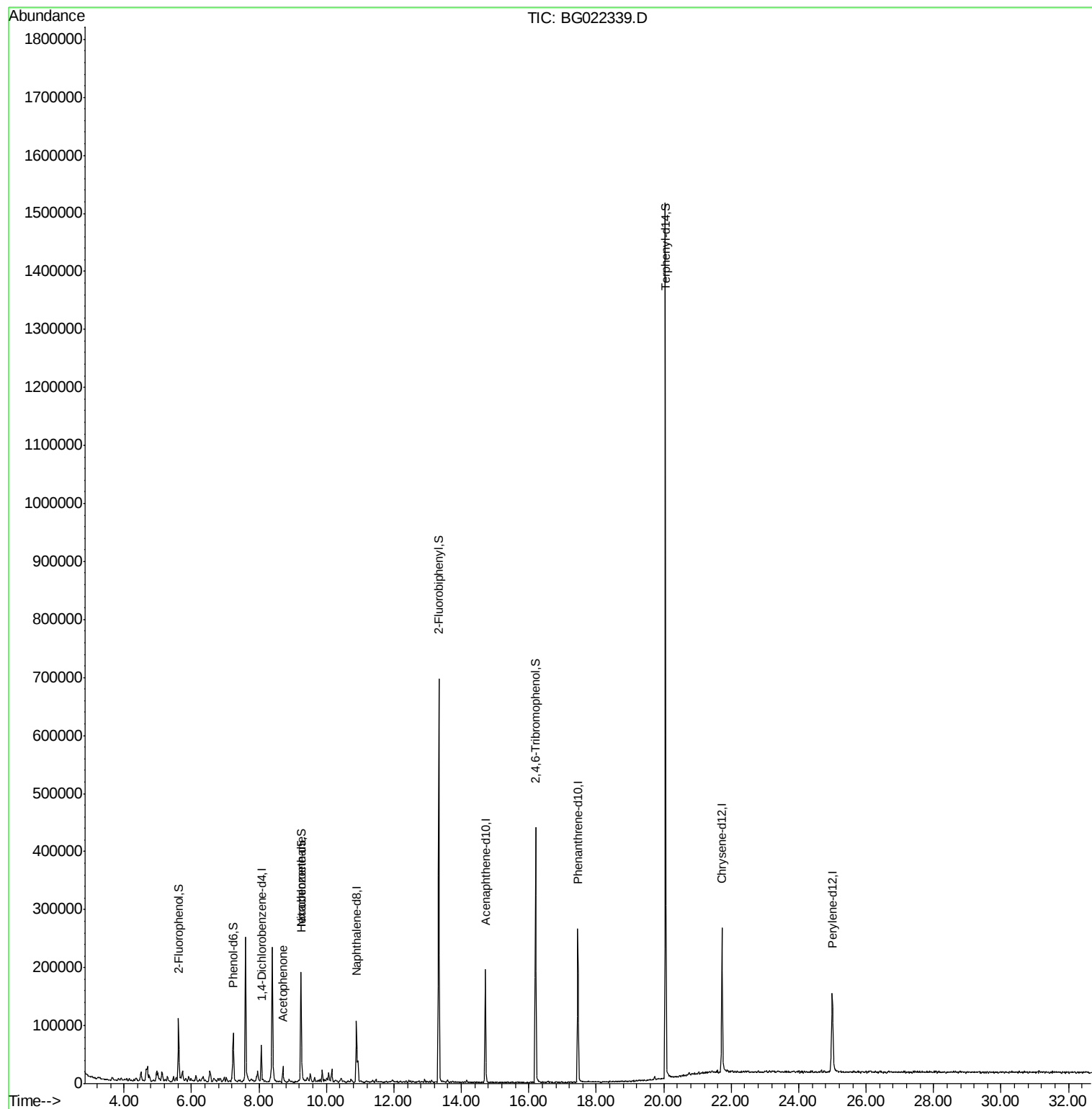
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	22148	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	113738	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	74081	20.00	ng	-0.01
63) Phenanthrene-d10	17.45	188	185388	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	167684	20.00	ng	-0.01
86) Perylene-d12	25.00	264	151933	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	72148	62.98	ng	-0.01
7) Phenol-d6	7.24	99	73424	40.77	ng	-0.01
23) Nitrobenzene-d5	9.25	82	144586	88.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	100656	120.25	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	407979	83.93	ng	-0.01
78) Terphenyl-d14	20.05	244	702043	99.40	ng	0.00
Target Compounds						
18) Hexachloroethane	9.26	117	16542	26.79	ng	# 10
22) Acetophenone	8.71	105	10317	4.21	ng	# 65

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

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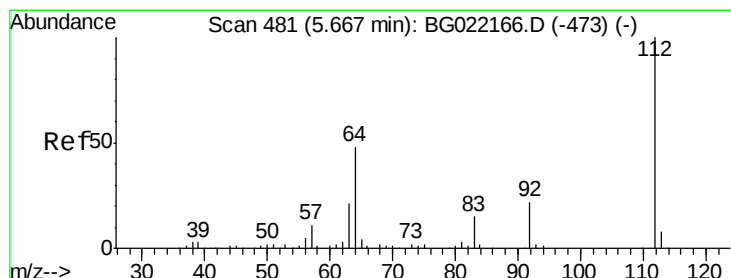
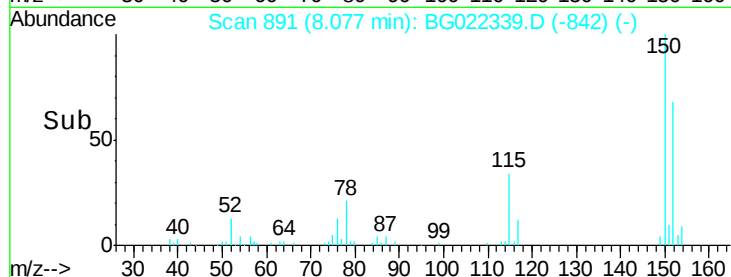
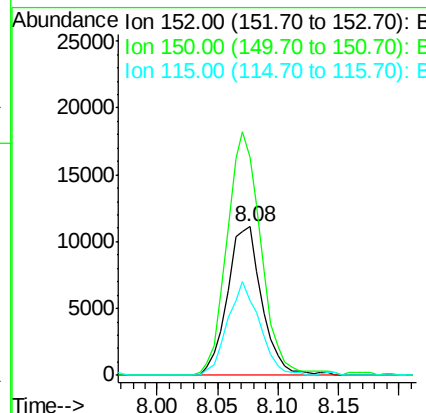
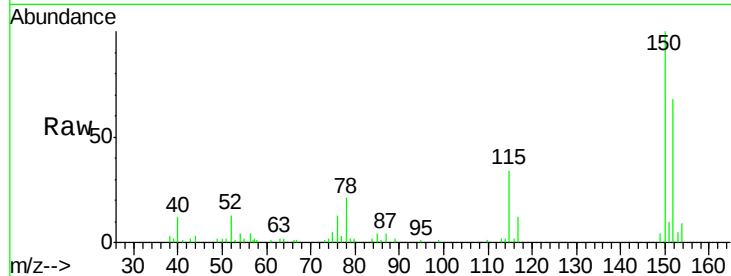


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG022339.D
Acq: 14 Jun 2016 17:45

Instrument :
BNA_G
ClientSampleId :
W-52

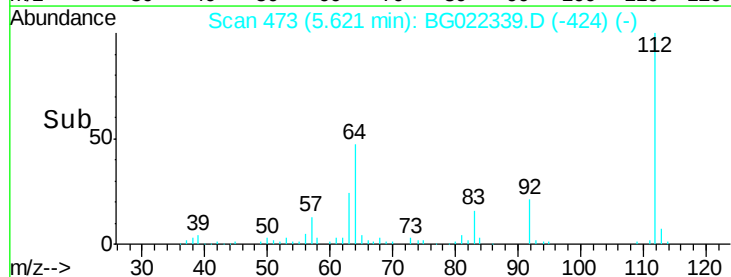
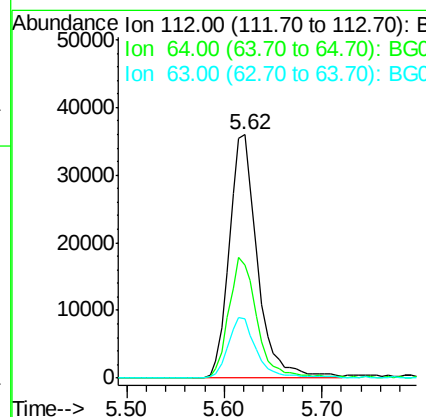
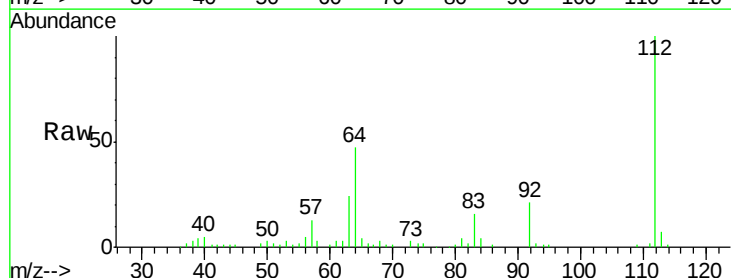
Tgt Ion:152 Resp: 22148
Ion Ratio Lower Upper
152 100
150 147.1 130.1 195.1
115 50.5 62.2 93.2#

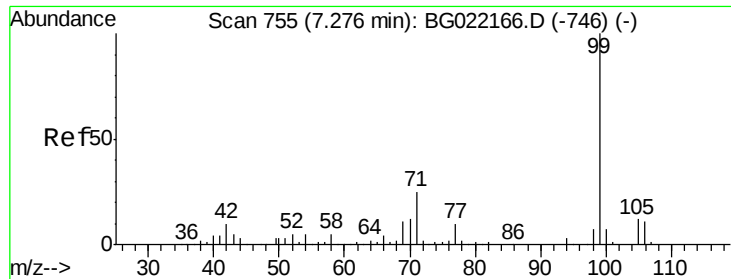


#5

2-Fluorophenol
Concen: 62.98 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.01 min
Lab File: BG022339.D
Acq: 14 Jun 2016 17:45

Tgt Ion:112 Resp: 72148
Ion Ratio Lower Upper
112 100
64 46.6 51.1 76.7#
63 24.1 24.6 37.0#





#7

Phenol-d6

Concen: 40.77 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

Instrument :

BNA_G

ClientSampleId :

W-52

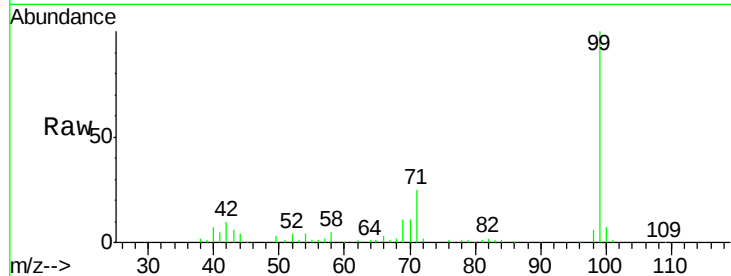
Tgt Ion: 99 Resp: 73424

Ion Ratio Lower Upper

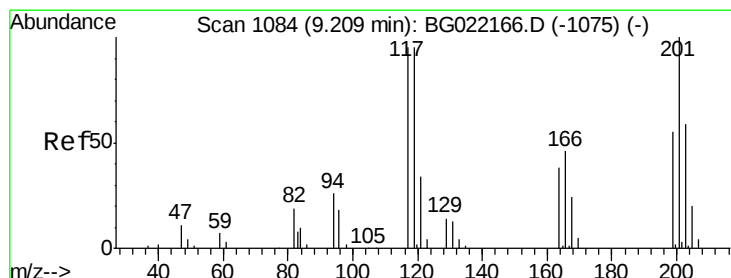
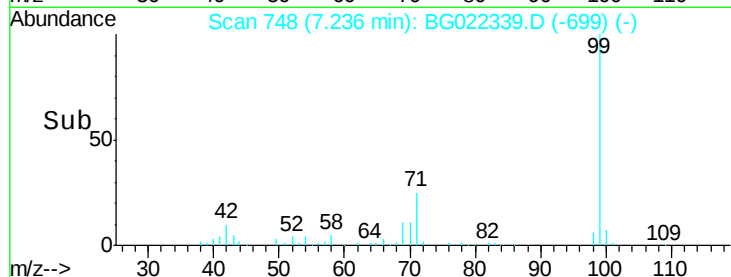
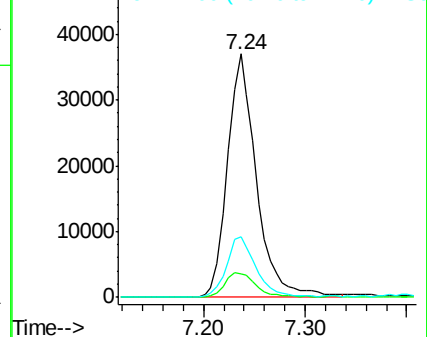
99 100

42 9.9 16.4 24.6#

71 24.8 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#18

Hexachloroethane

Concen: 26.79 ng

RT: 9.26 min Scan# 1092

Delta R.T. 0.09 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

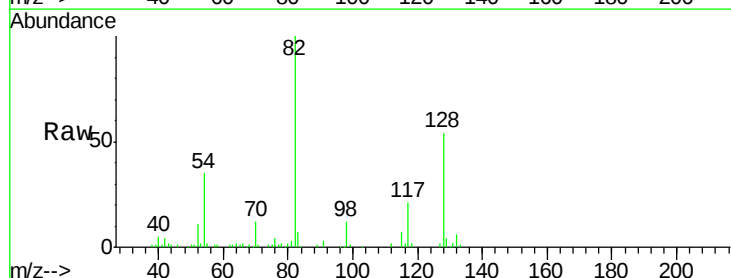
Tgt Ion: 117 Resp: 16542

Ion Ratio Lower Upper

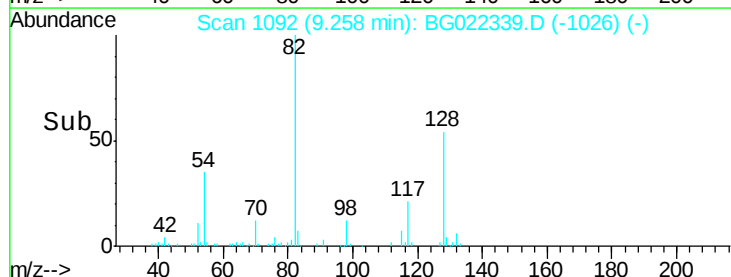
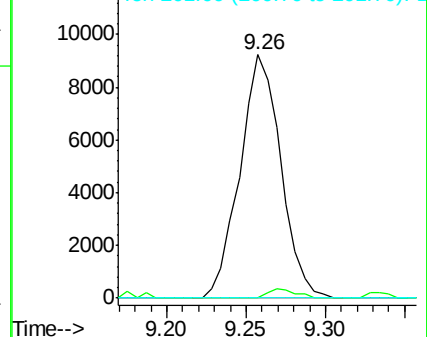
117 100

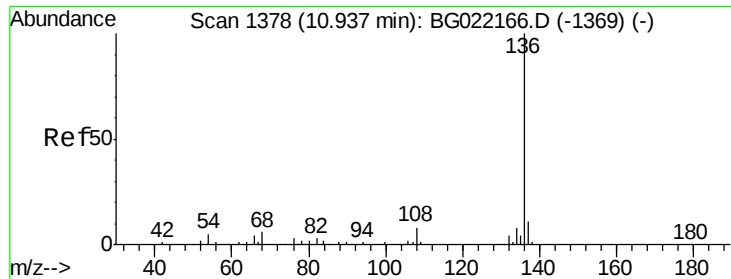
119 0.0 63.9 95.9#

201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

Instrument :

BNA_G

ClientSampleId :

W-52

Tgt Ion:136 Resp: 113738

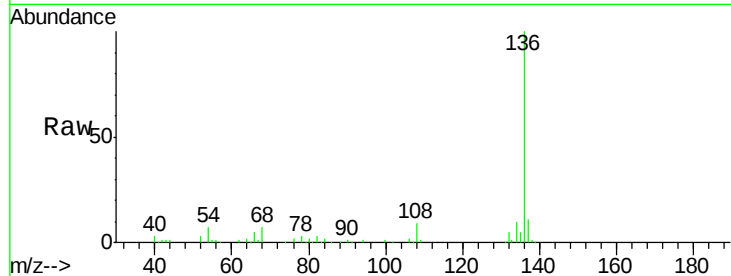
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.1 9.6 14.4#

68 6.6 6.4 9.6

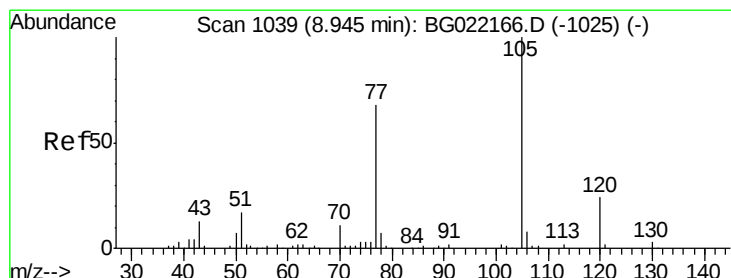
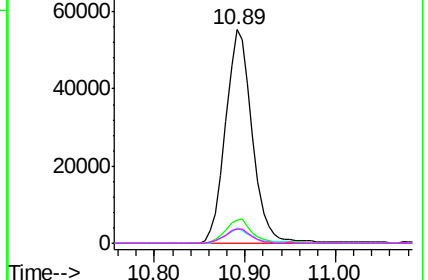
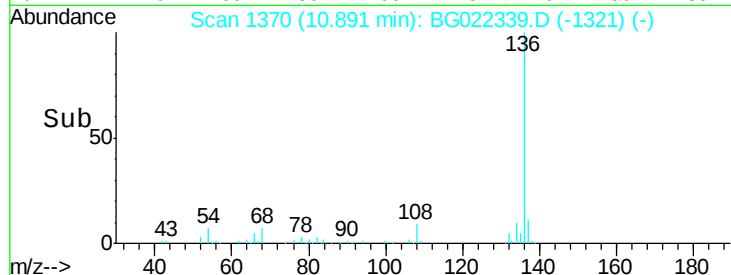


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 4.21 ng

RT: 8.71 min Scan# 998

Delta R.T. -0.21 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

Tgt Ion:105 Resp: 10317

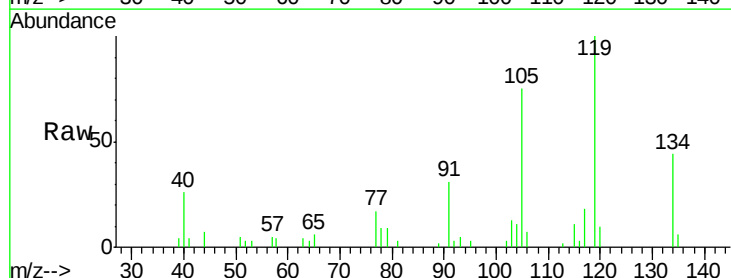
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 6.5 25.7 38.5#

120 13.0 17.0 25.6#

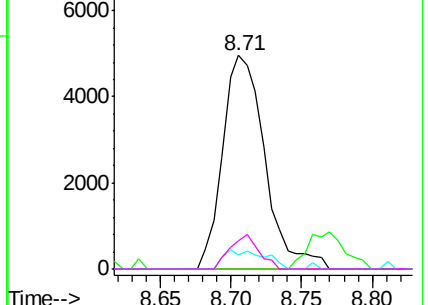
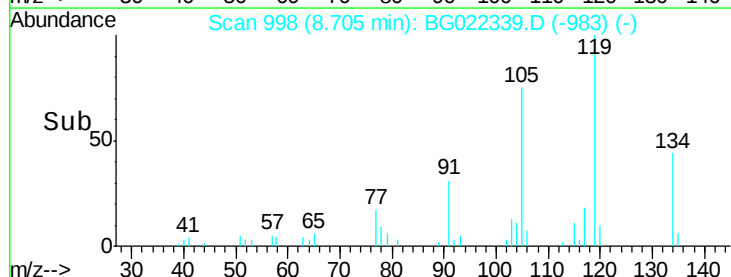


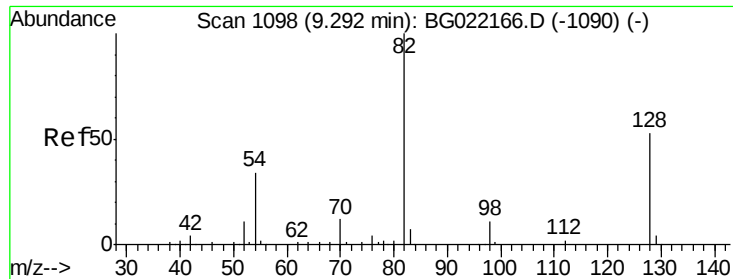
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

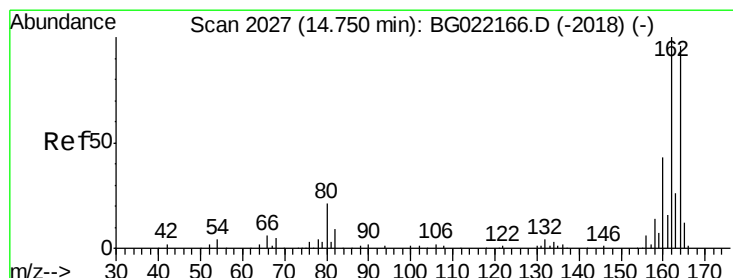
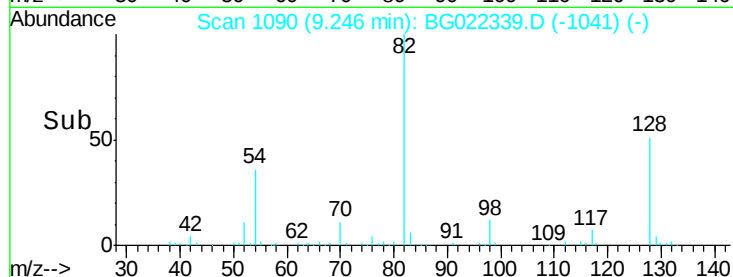
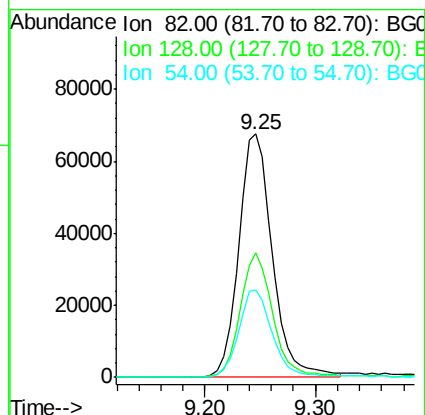
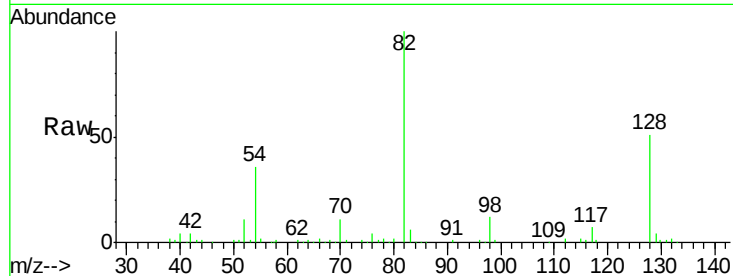




#23
 Nitrobenzene-d5
 Concen: 88.63 ng
 RT: 9.25 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BG022339.D
 Acq: 14 Jun 2016 17:45

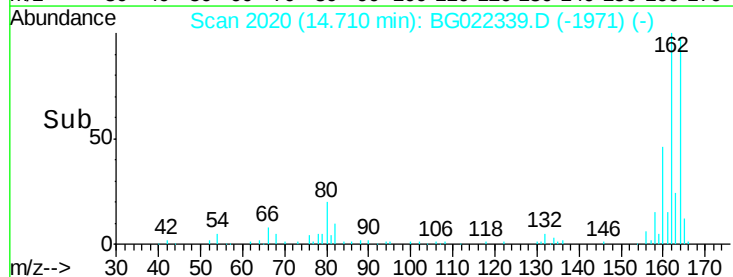
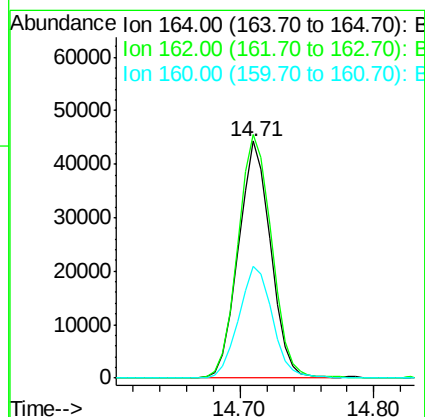
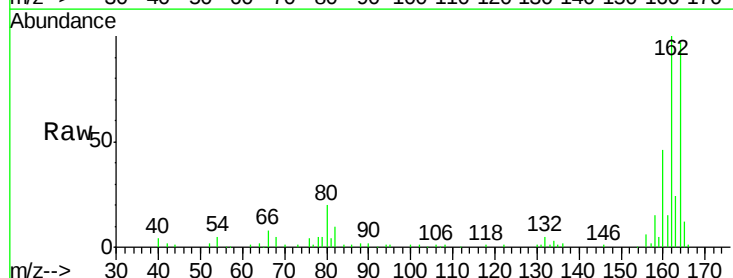
Instrument :
 BNA_G
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 W-52

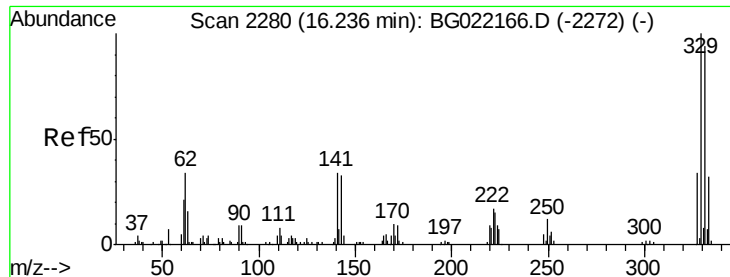
Tgt Ion: 82 Resp: 144586
 Ion Ratio Lower Upper
 82 100
 128 51.3 33.4 50.0#
 54 35.9 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG022339.D
 Acq: 14 Jun 2016 17:45

Tgt Ion: 164 Resp: 74081
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.0 117.0
 160 47.2 32.9 49.3

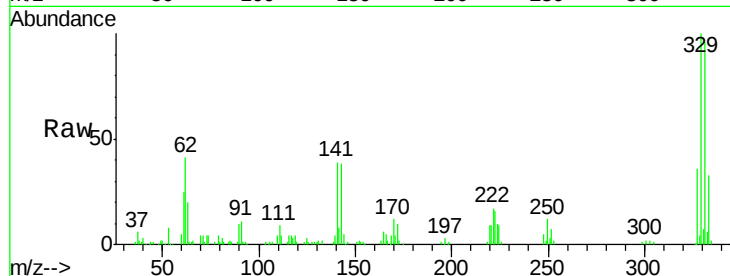




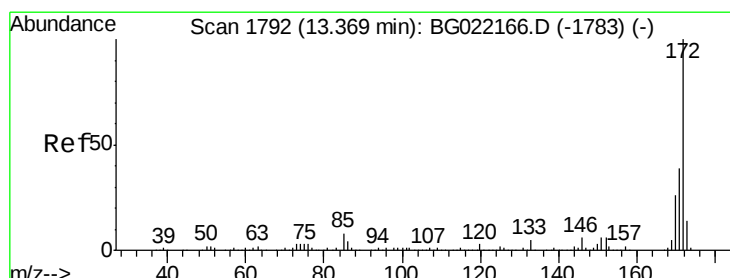
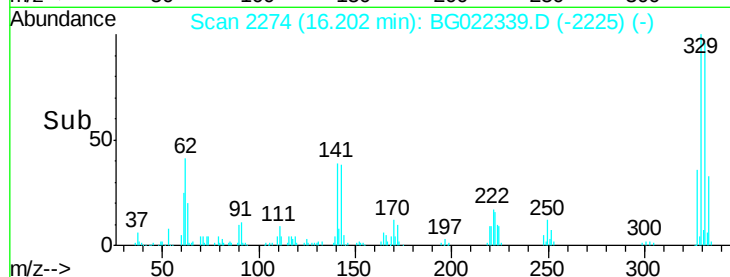
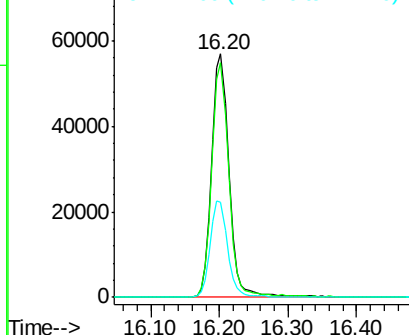
#41
 2,4,6-Tribromophenol
 Concen: 120.25 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG022339.D
 Acq: 14 Jun 2016 17:45

Instrument :
 BNA_G
 ClientSampleId :
 W-52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.4	78.0	117.0
141	39.3	33.8	50.8

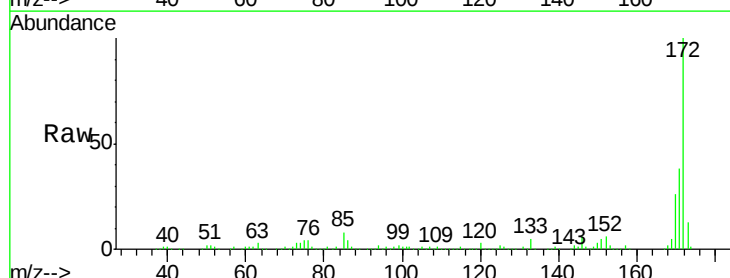


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

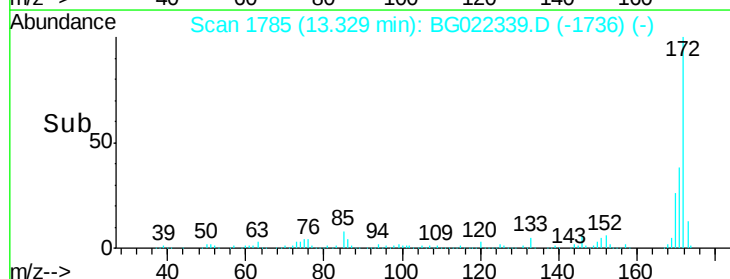
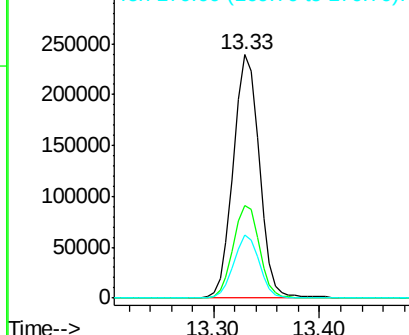


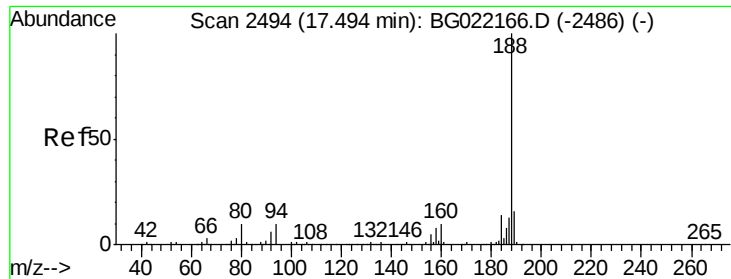
#44
 2-Fluorobiphenyl
 Concen: 83.93 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG022339.D
 Acq: 14 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.8	19.6	29.4



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

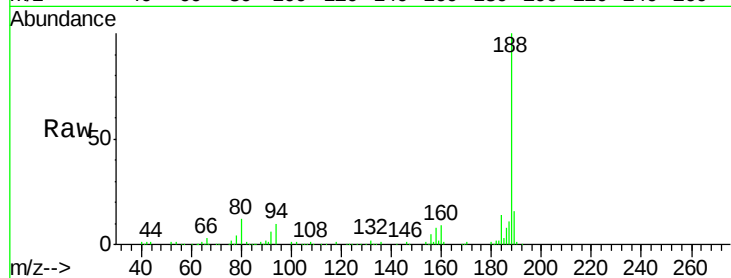




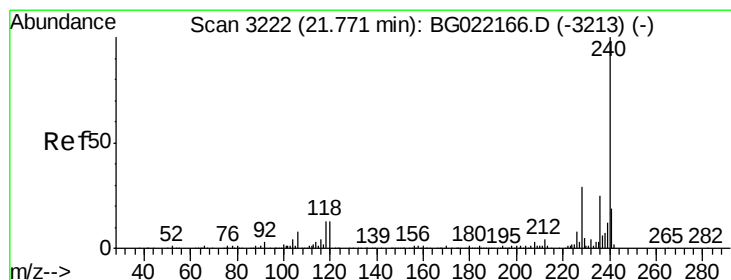
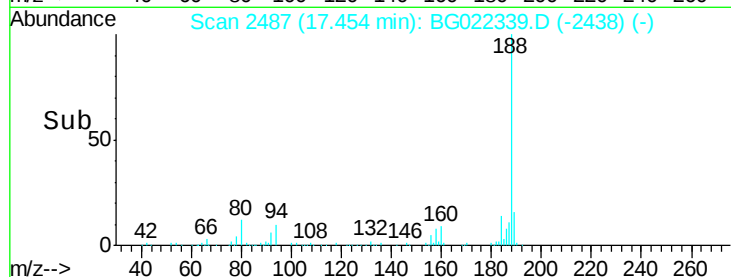
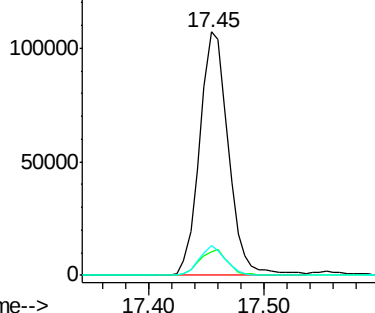
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BG022339.D
Acq: 14 Jun 2016 17:45

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 185388
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 12.3 8.6 13.0

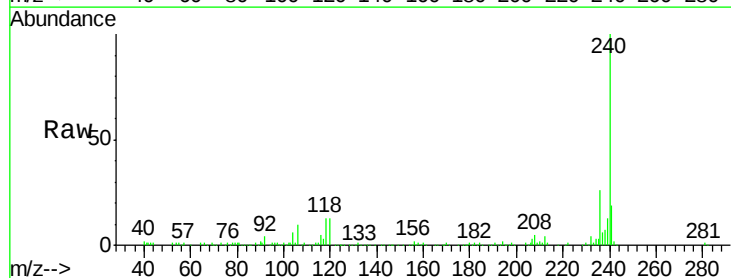


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

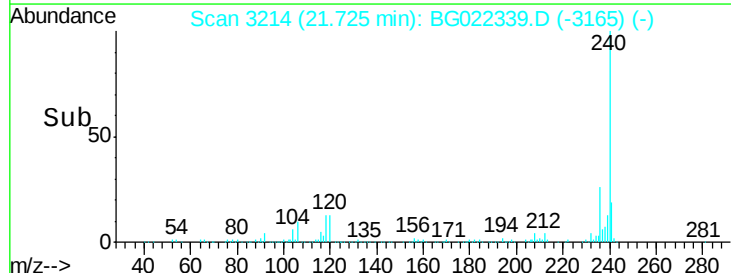
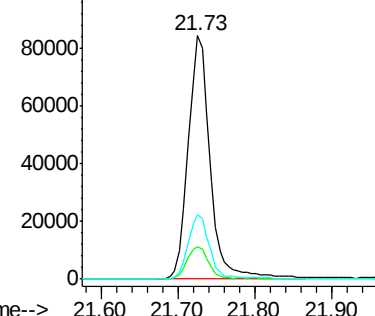


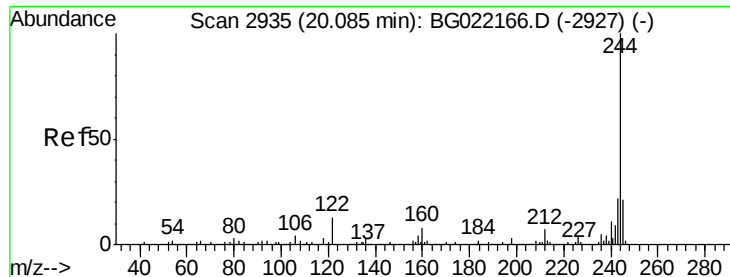
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG022339.D
Acq: 14 Jun 2016 17:45

Tgt Ion:240 Resp: 167684
Ion Ratio Lower Upper
240 100
120 13.2 8.4 12.6#
236 26.4 19.6 29.4



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: 99.40 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

Instrument :

BNA_G

ClientSampleId :

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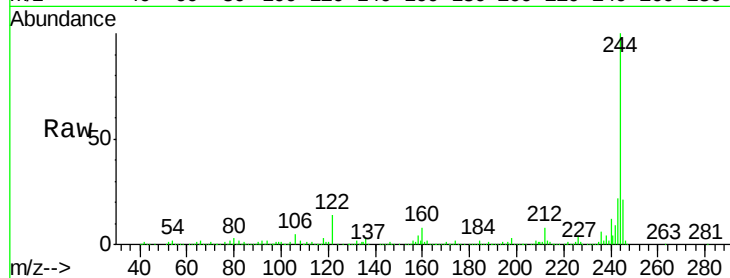
Tgt Ion:244 Resp: 702043

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

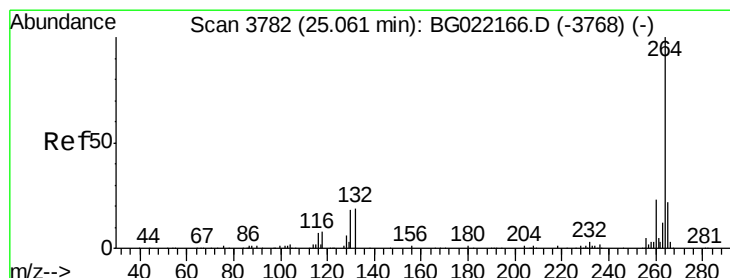
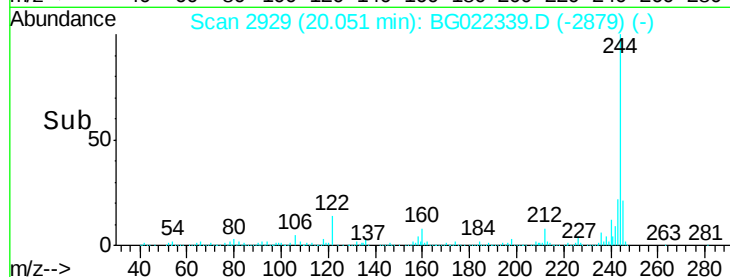
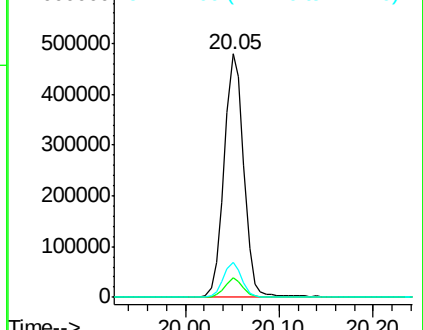
122 14.2 8.6 12.8#



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: 25.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BG022339.D

Acq: 14 Jun 2016 17:45

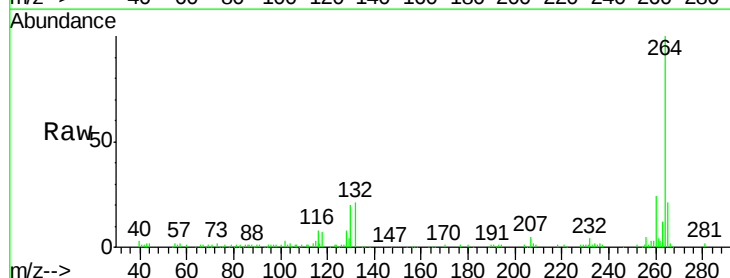
Tgt Ion:264 Resp: 151933

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.4

265 21.1 17.8 26.8



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

