

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025387.D
 Acq On : 22 Dec 2016 13:28
 Operator : UM/SJ
 Sample : H6199-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-06RR

Quant Time: Dec 22 18:34:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

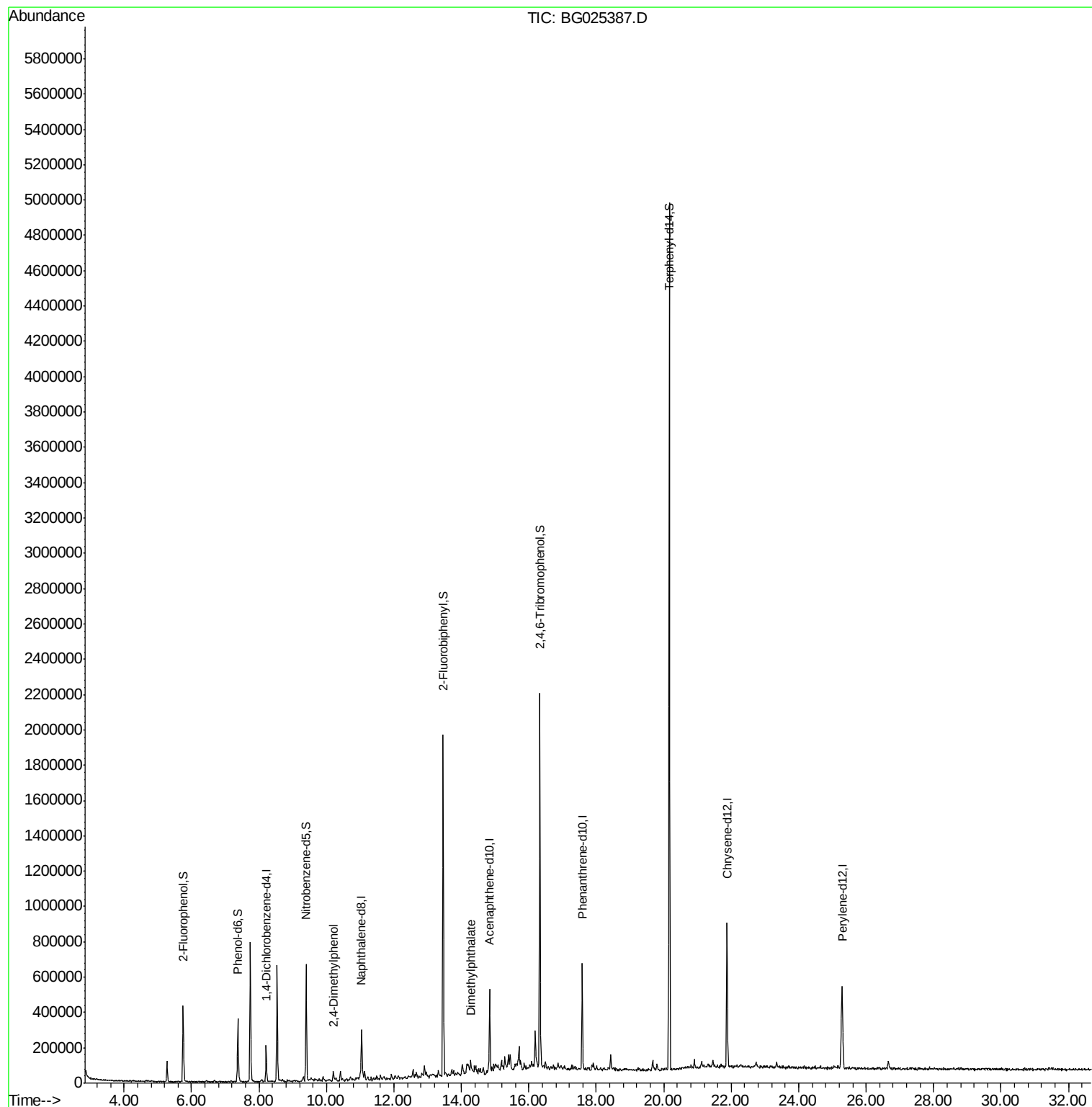
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50659	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	213000	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	175144	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	386554	20.00	ng	0.00
75) Chrysene-d12	21.87	240	566199	20.00	ng	0.00
86) Perylene-d12	25.28	264	575578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	170331	61.12	ng	0.00
7) Phenol-d6	7.37	99	196925	50.17	ng	0.00
23) Nitrobenzene-d5	9.39	82	392526	81.41	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	424977	150.72	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	939439	86.84	ng	0.00
78) Terphenyl-d14	20.16	244	1965887	92.06	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.21	122	9803m	2.95	ng	Qvalue
49) Dimethylphthalate	14.28	163	40696	3.19	ng	# 91

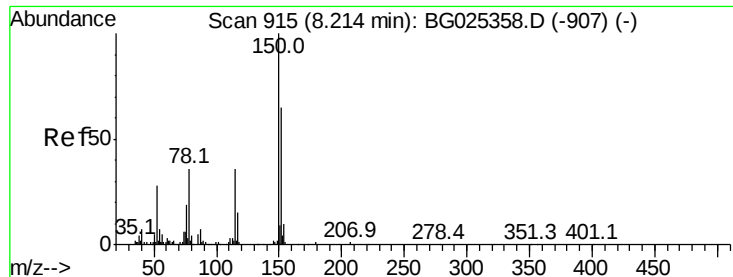
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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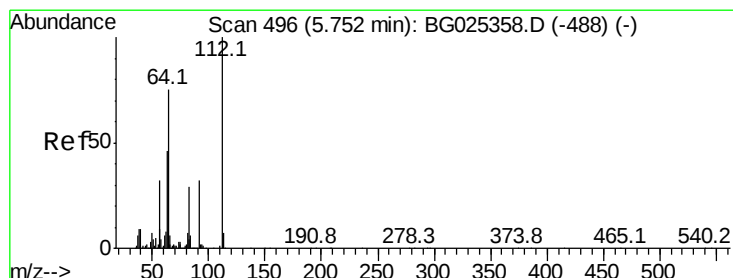
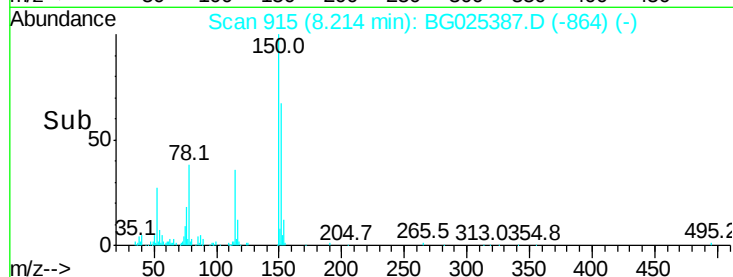
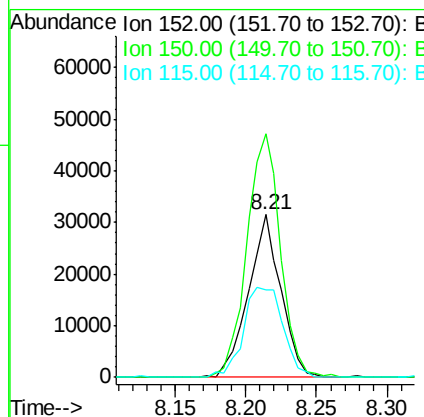
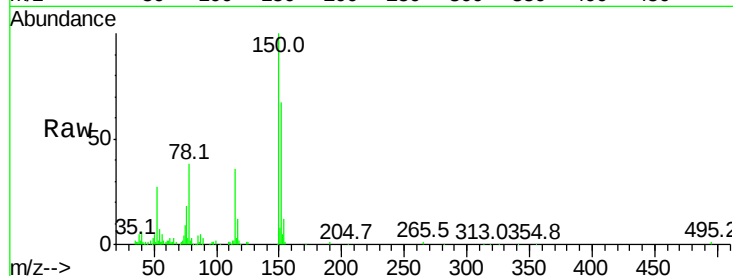


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG025387.D
 Acq: 22 Dec 2016 13:28

Instrument :
 BNA_G
 ClientSampleId :
 W-06RR

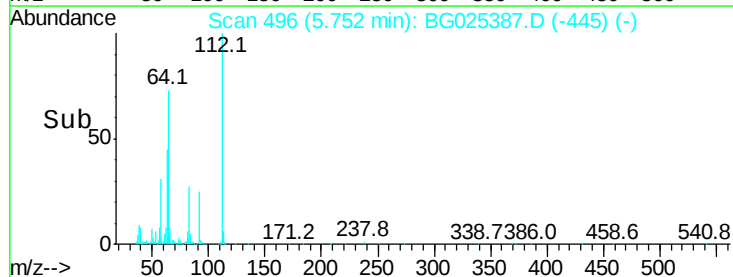
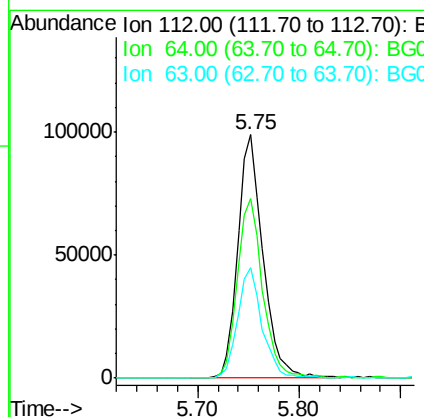
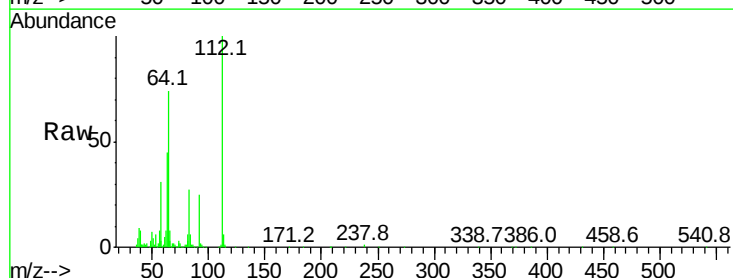
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	114.0	171.0
115	53.3	48.1	72.1

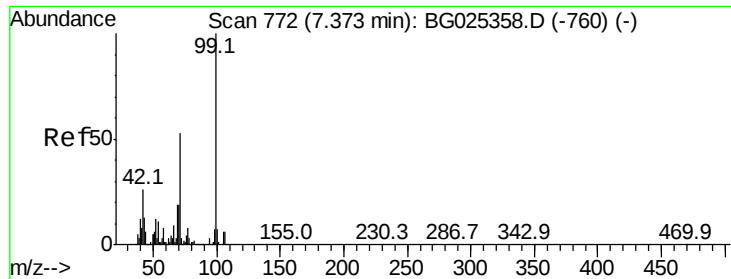


#5

2-Fluorophenol
 Concen: 61.12 ng
 RT: 5.75 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BG025387.D
 Acq: 22 Dec 2016 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.8	92.6
63	45.2	37.2	55.8





#7

Phenol-d6

Concen: 50.17 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

Instrument :

BNA_G

ClientSampleId :

W-06RR

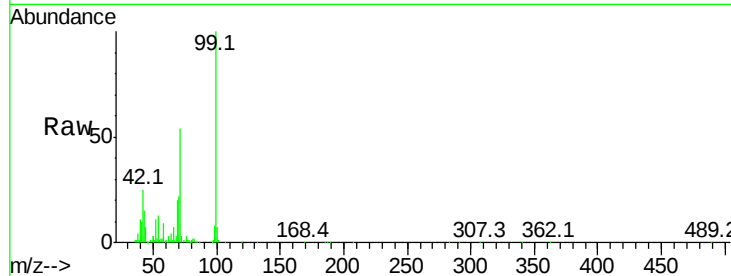
Tot Ion: 99 Resp: 196925

Ion Ratio Lower Upper

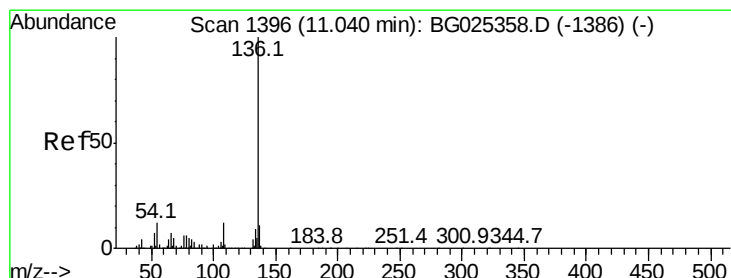
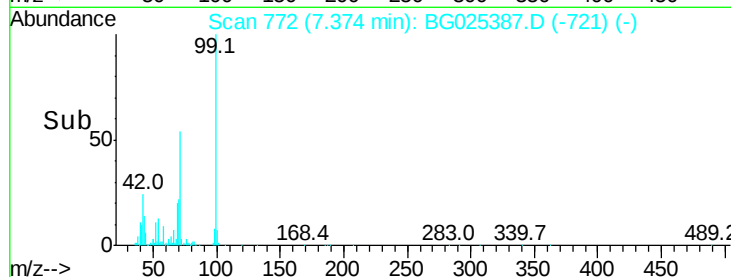
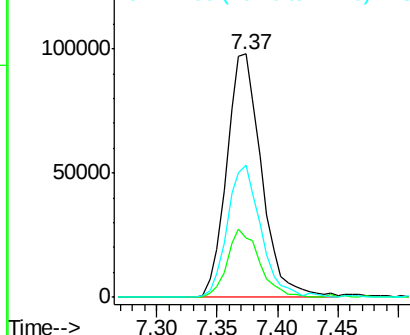
99 100

42 24.6 20.5 30.7

71 54.1 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

Tgt Ion: 136 Resp: 213000

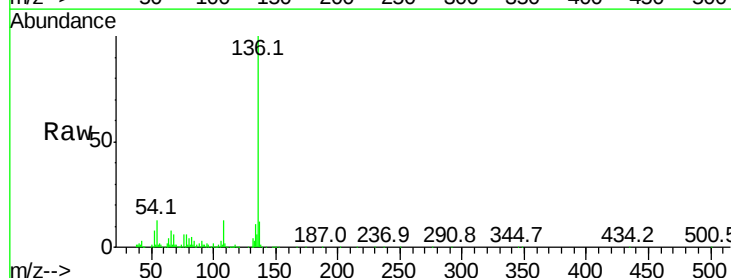
Ion Ratio Lower Upper

136 100

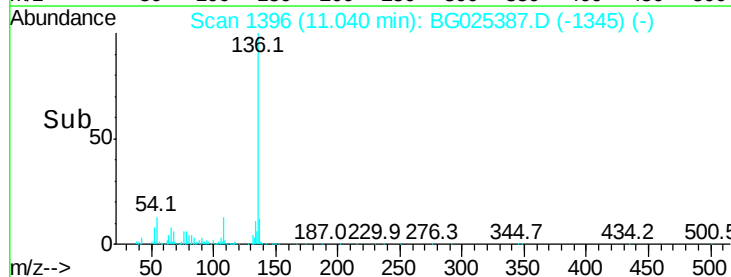
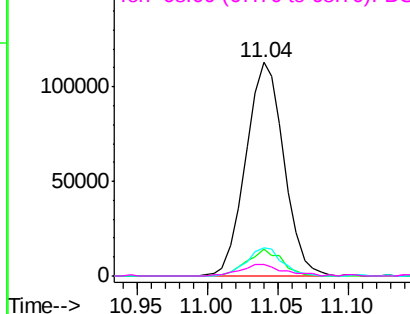
137 12.4 8.9 13.3

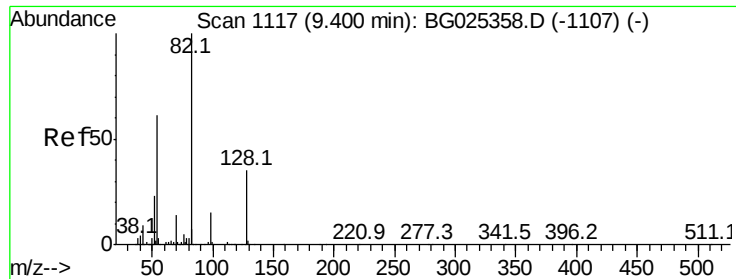
54 12.9 9.3 13.9

68 5.6 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

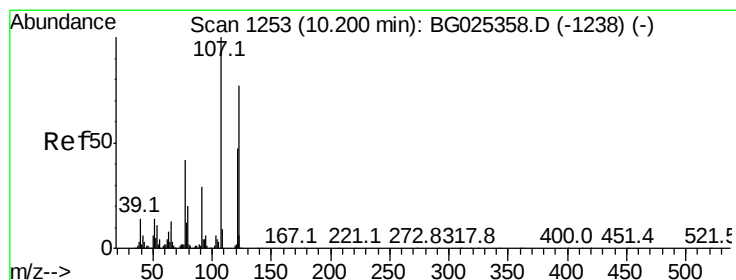
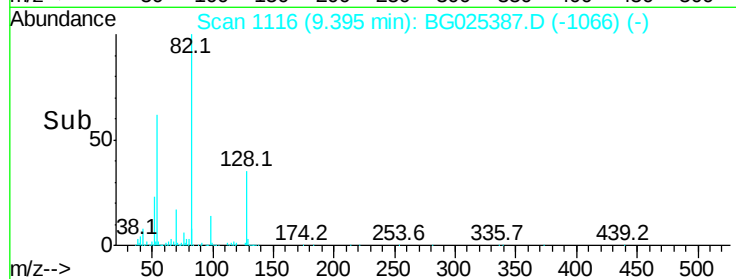
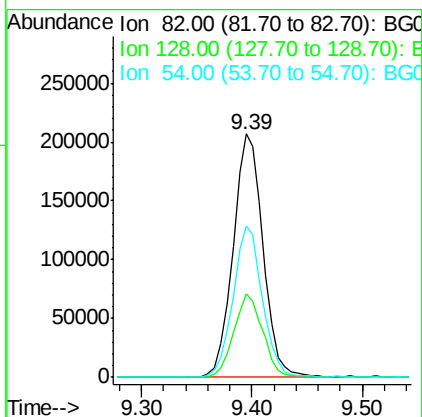
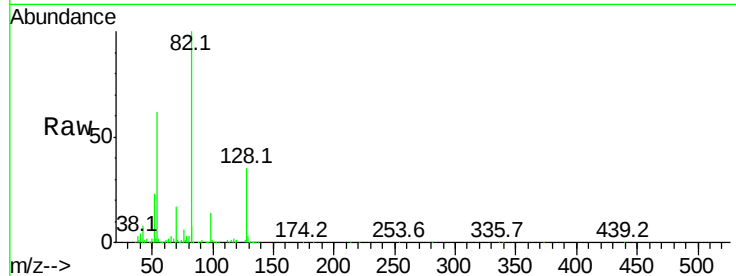




#23
 Nitrobenzene-d5
 Concen: 81.41 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025387.D
 Acq: 22 Dec 2016 13:28

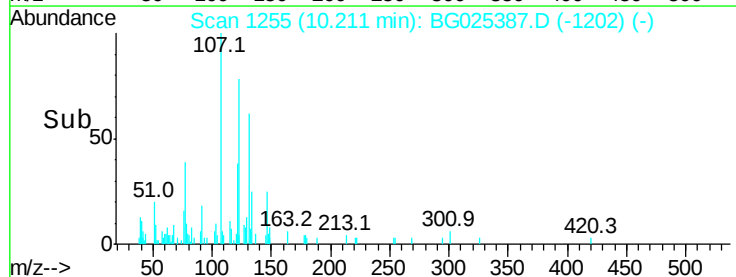
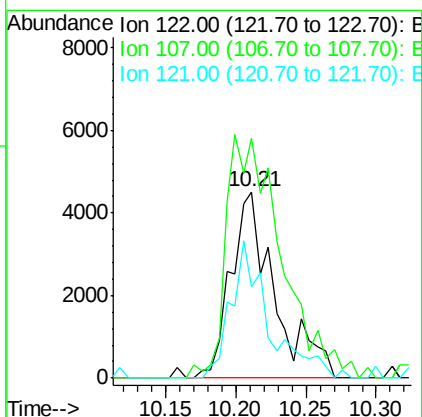
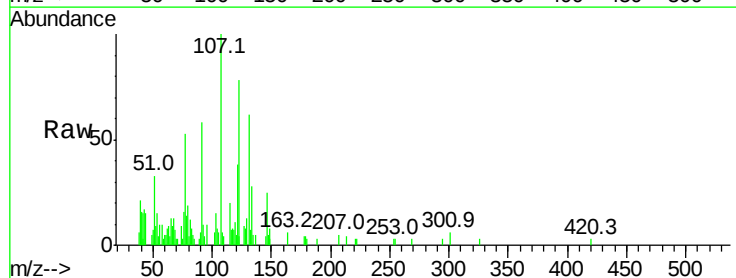
Instrument :
 BNA_G
 ClientSampleId :
 W-06RR

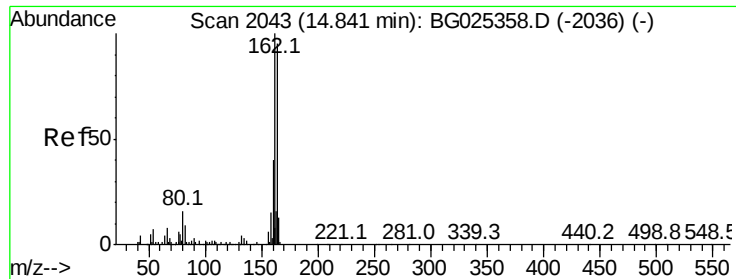
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.4	39.6
54	62.1	49.4	74.2



#27
 2,4-Dimethylphenol
 Concen: 2.95 ng m
 RT: 10.21 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BG025387.D
 Acq: 22 Dec 2016 13:28

Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.5	104.2	156.4
121	48.6	46.0	69.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

Instrument :

BNA_G

ClientSampleId :

W-06RR

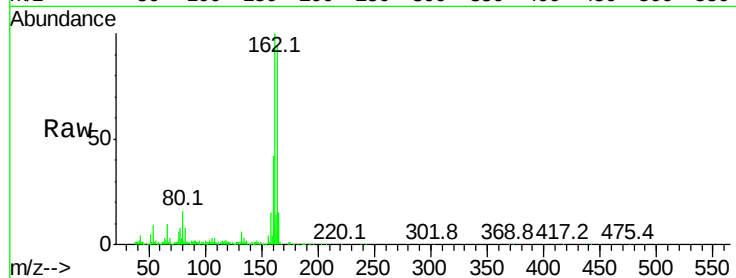
Tot Ion:164 Resp: 175144

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

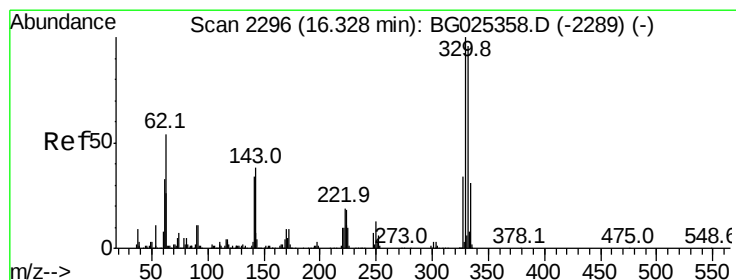
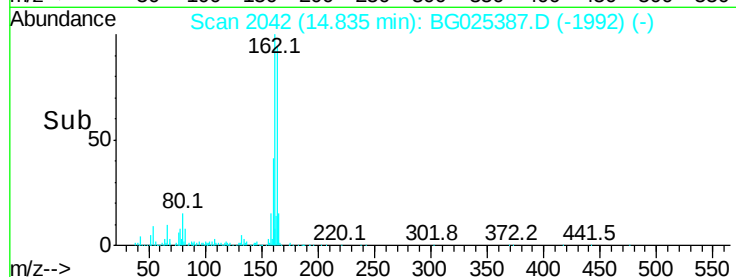
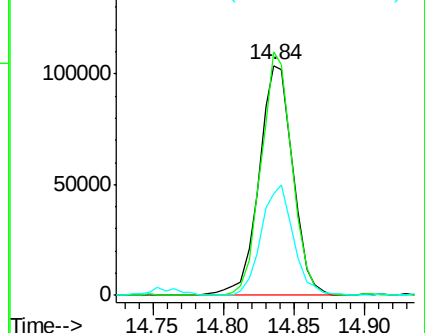
160 44.1 34.7 52.1



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: 150.72 ng

RT: 16.33 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

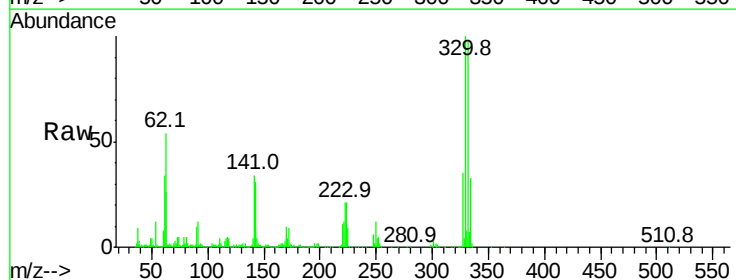
Tgt Ion:330 Resp: 424977

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

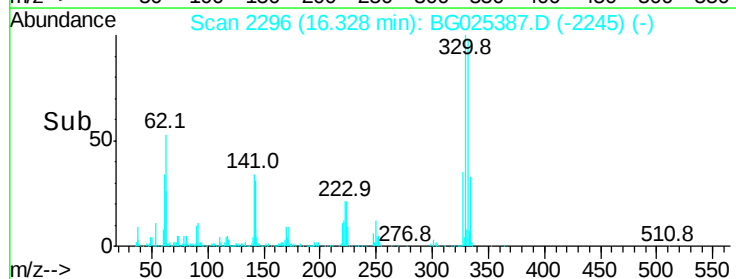
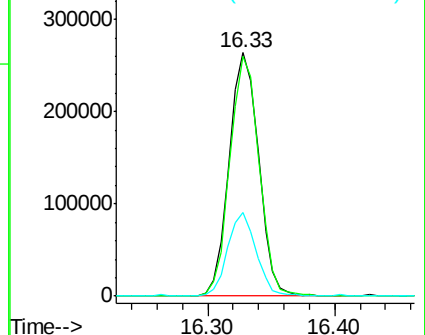
141 32.7 32.1 48.1

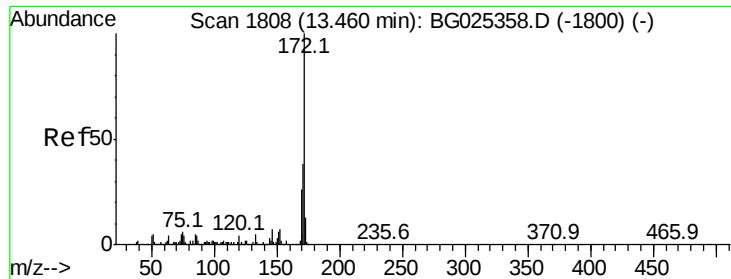


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

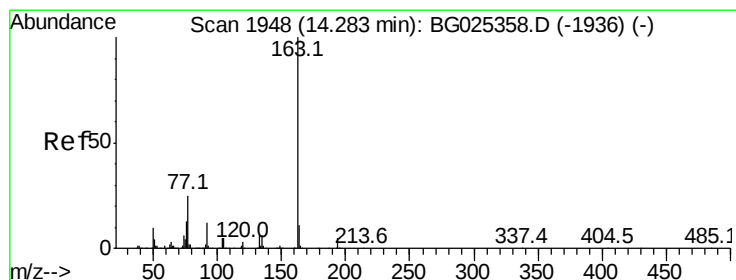
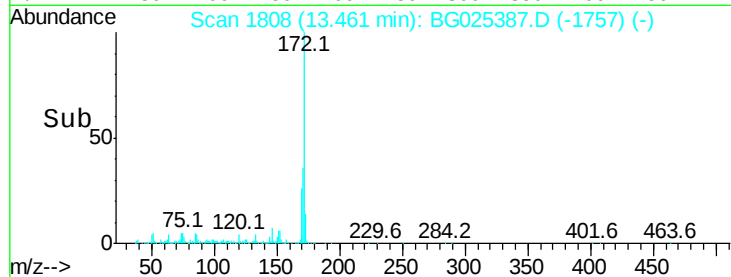
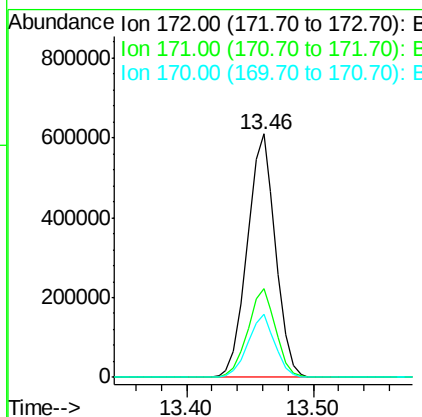
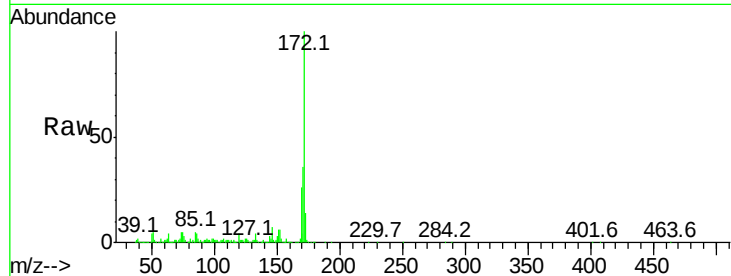




#44
2-Fluorobiphenyl
Concen: 86.84 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025387.D
Acq: 22 Dec 2016 13:28

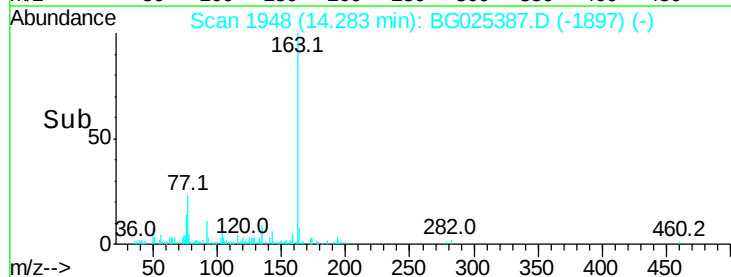
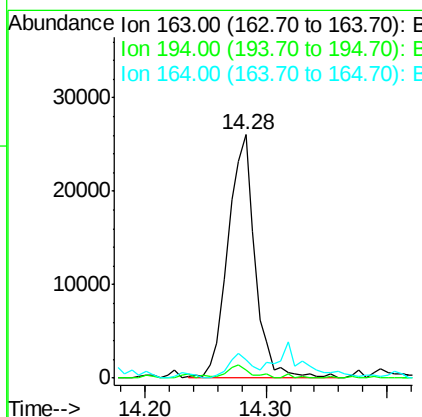
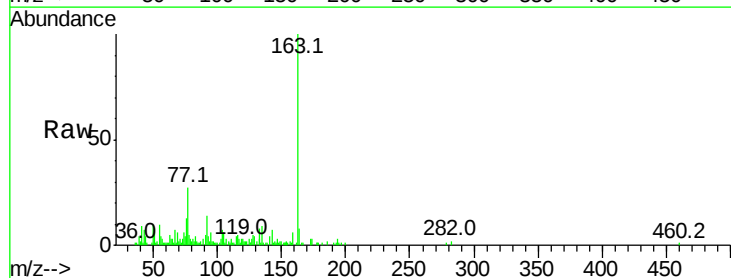
Instrument :
BNA_G
ClientSampleId :
W-06RR

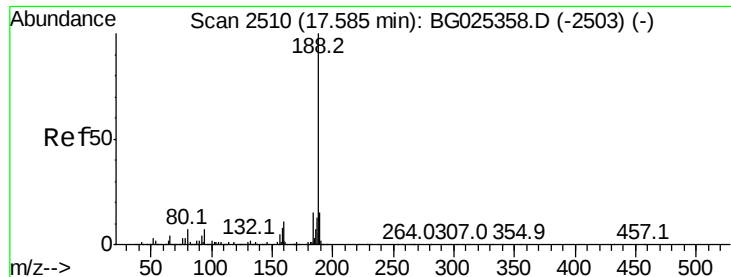
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	26.1	21.8	32.6



#49
Dimethylphthalate
Concen: 3.19 ng
RT: 14.28 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025387.D
Acq: 22 Dec 2016 13:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	7.5	9.3	13.9#

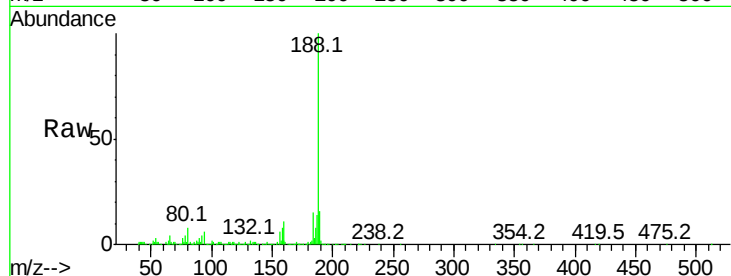




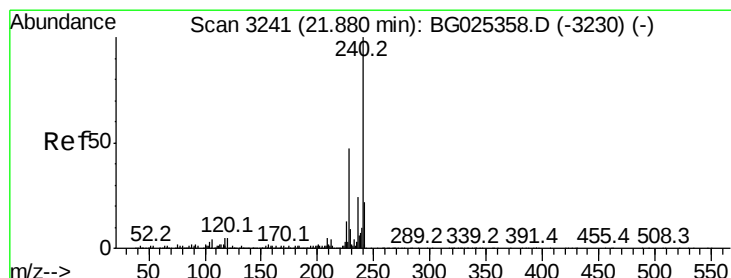
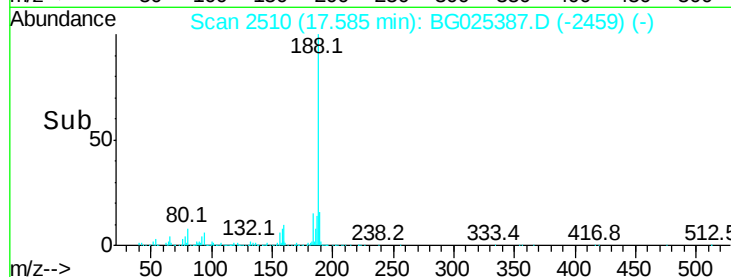
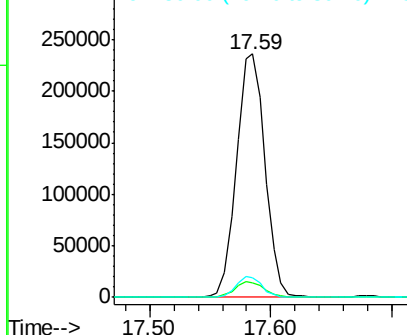
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG025387.D
Acq: 22 Dec 2016 13:28

Instrument :
BNA_G
ClientSampleId :
W-06RR

Tot Ion:188 Resp: 386554
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 8.2 7.5 11.3

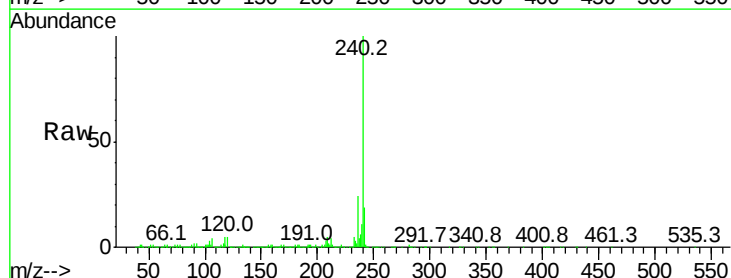


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

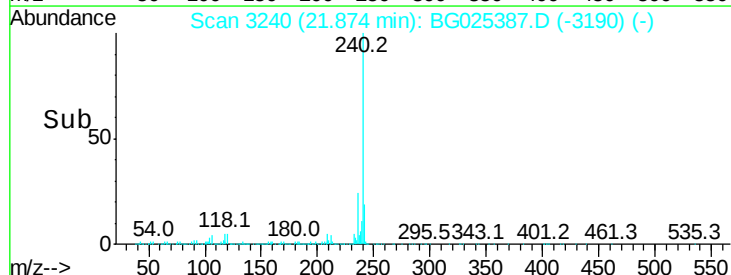
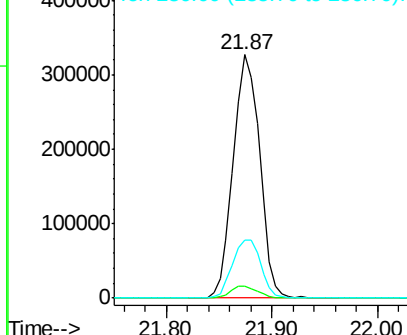


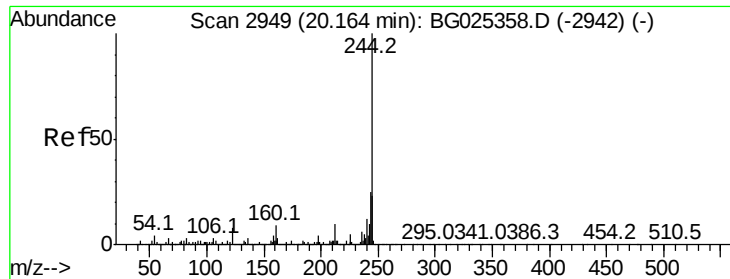
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025387.D
Acq: 22 Dec 2016 13:28

Tgt Ion:240 Resp: 566199
Ion Ratio Lower Upper
240 100
120 4.8 5.7 8.5#
236 23.9 22.2 33.4



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: 92.06 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

Instrument :

BNA_G

ClientSampleId :

W-06RR

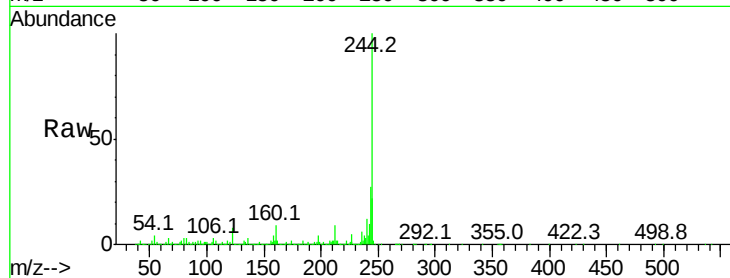
Tot Ion:244 Resp: 1965887

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

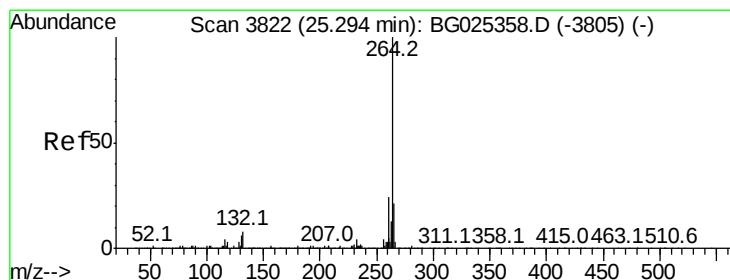
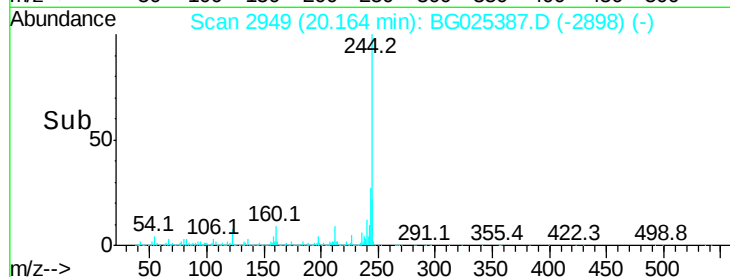
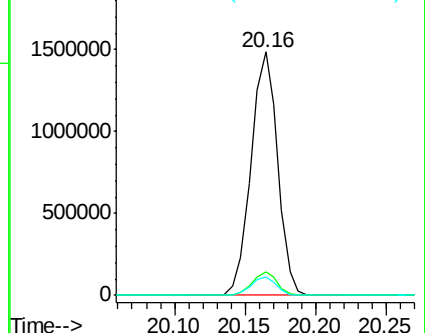
122 7.6 8.6 12.8#



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: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025387.D

Acq: 22 Dec 2016 13:28

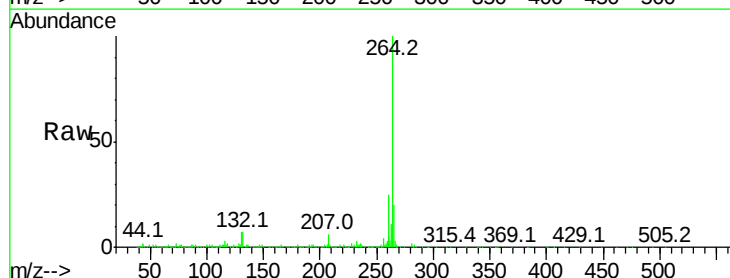
Tgt Ion:264 Resp: 575578

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

265 20.5 18.2 27.4



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

