

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG021012.D
 Acq On : 20 Feb 2016 17:12
 Operator : SJ/UM
 Sample : H1453-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-3

Quant Time: Feb 22 00:20:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

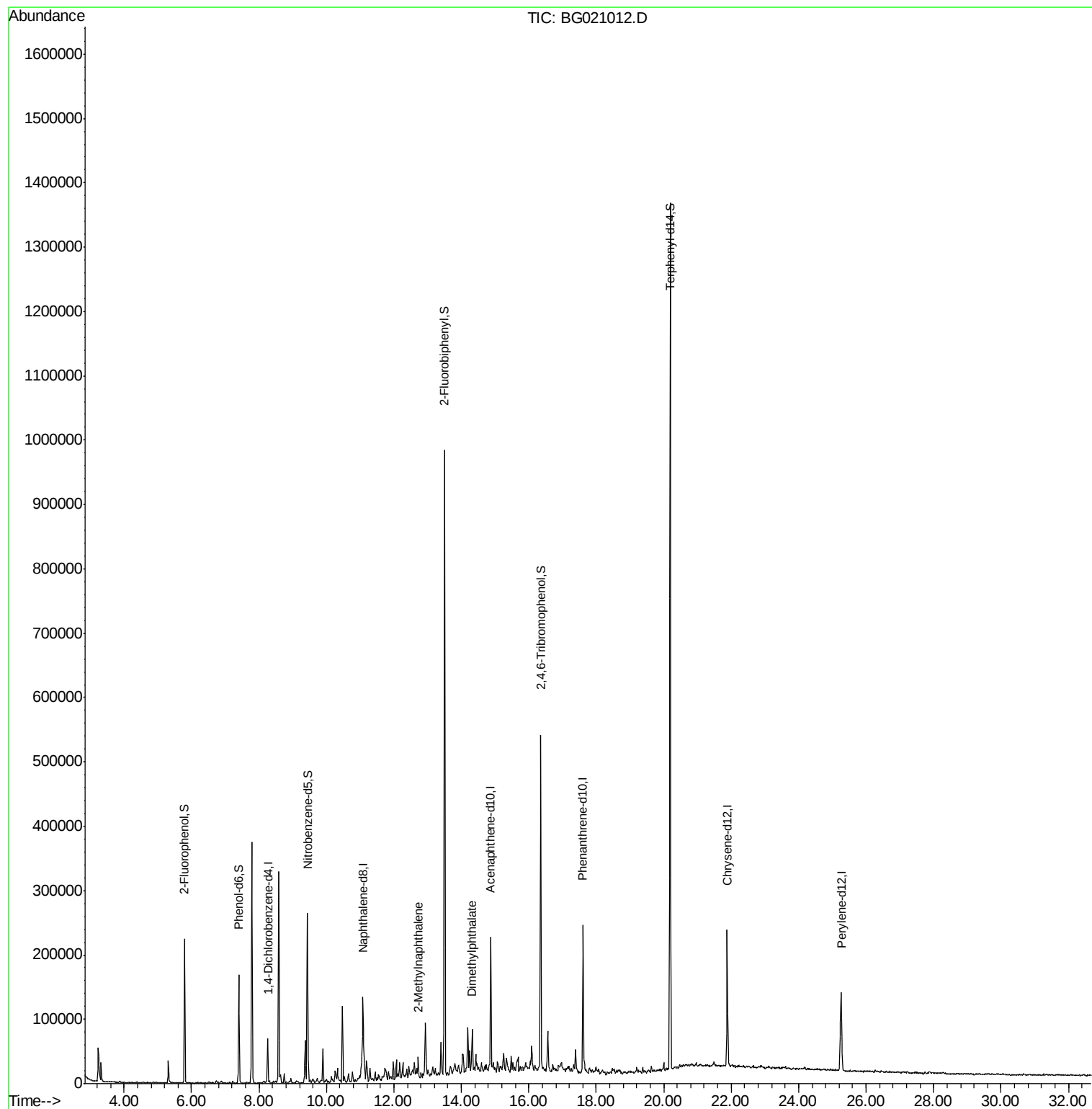
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22616	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	119240	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	70680	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134836	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124074	20.00	ng	-0.02
86) Perylene-d12	25.26	264	119216	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	125979	93.81	ng	0.00
7) Phenol-d6	7.40	99	128074	65.25	ng	0.00
23) Nitrobenzene-d5	9.43	82	178682	98.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	107409	154.53	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	514022	102.16	ng	-0.01
78) Terphenyl-d14	20.19	244	565540	106.33	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.72	142	17846	4.12	ng	98
49) Dimethylphthalate	14.31	163	16123	2.92	ng	# 96

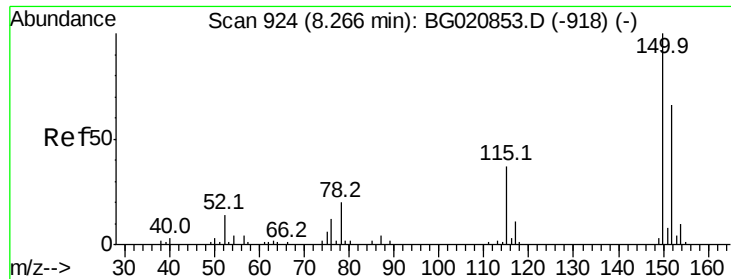
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

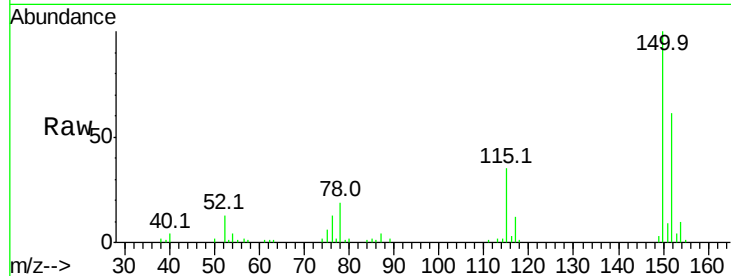
Tot Ion:152 Resp: 22616

Ion Ratio Lower Upper

152 100

150 164.5 122.0 183.0

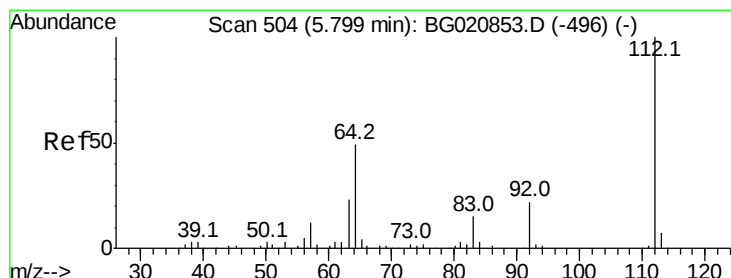
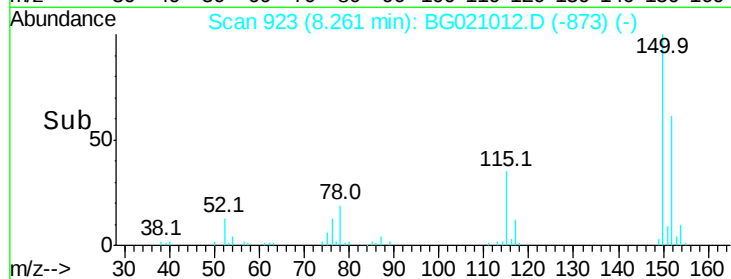
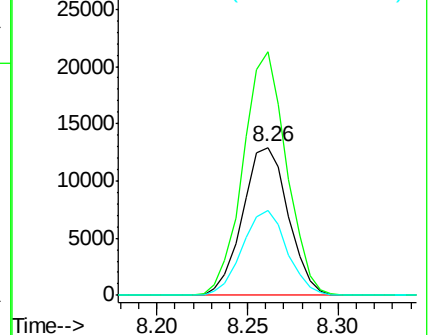
115 57.1 45.2 67.8



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: 93.81 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

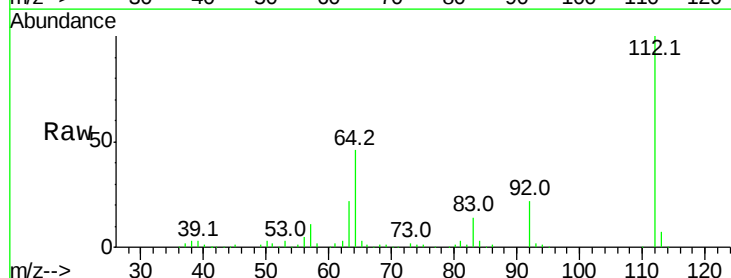
Tgt Ion:112 Resp: 125979

Ion Ratio Lower Upper

112 100

64 45.8 39.3 58.9

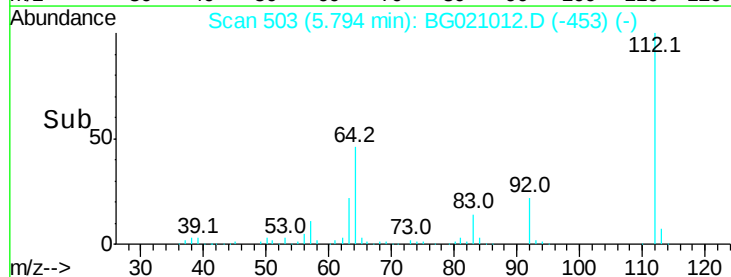
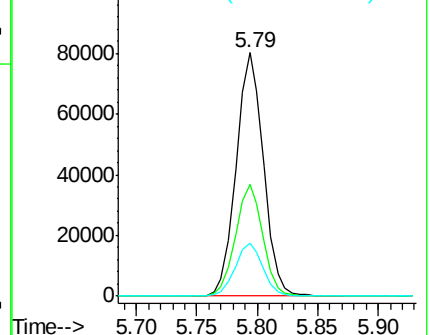
63 22.0 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.25 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

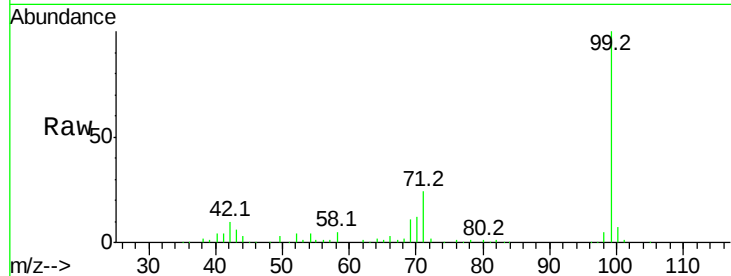
Tot Ion: 99 Resp: 128074

Ion Ratio Lower Upper

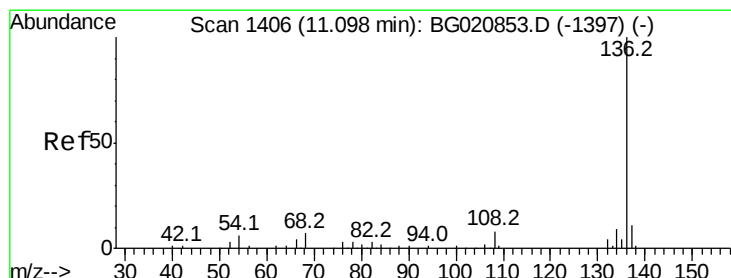
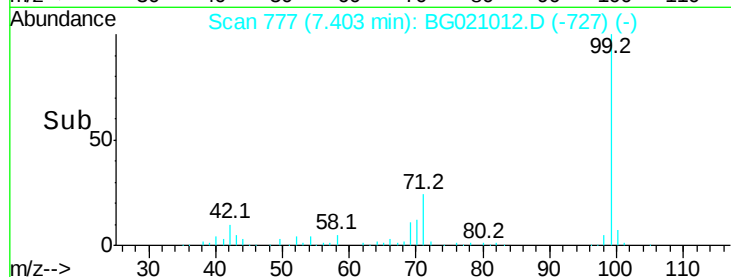
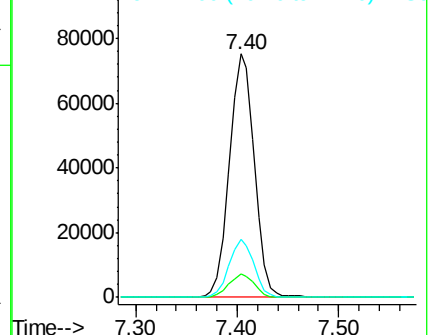
99 100

42 9.6 8.4 12.6

71 23.9 19.4 29.0



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Tgt Ion: 136 Resp: 119240

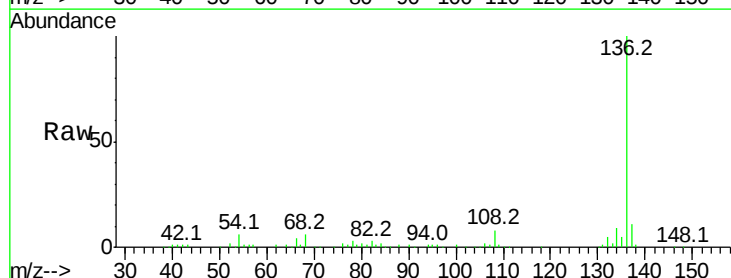
Ion Ratio Lower Upper

136 100

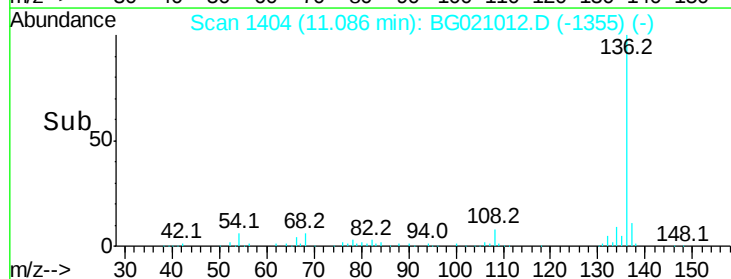
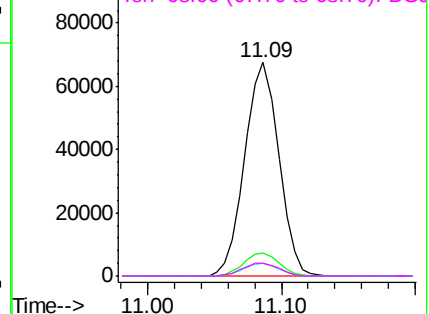
137 10.8 8.8 13.2

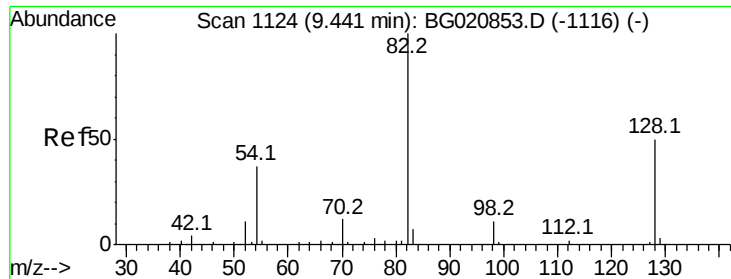
54 5.9 5.0 7.4

68 6.1 5.2 7.8



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

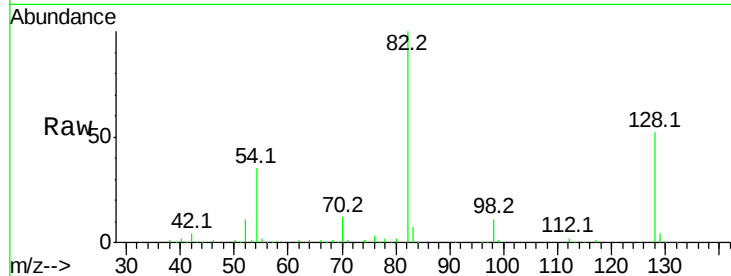




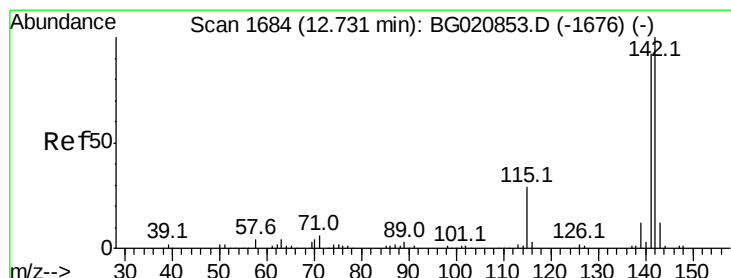
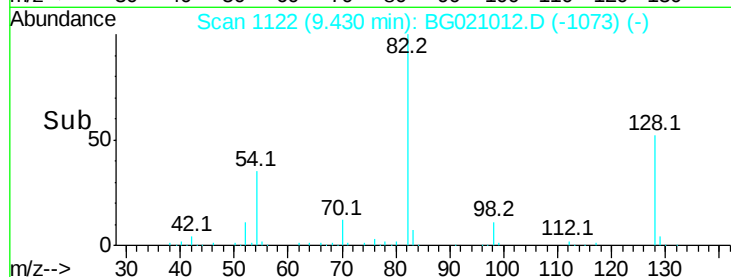
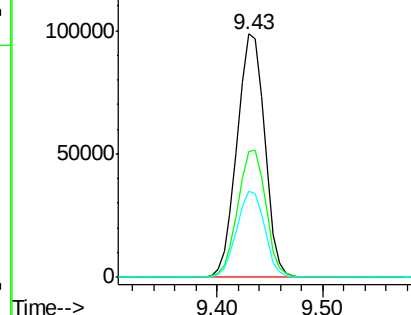
#23
Nitrobenzene-d5
Concen: 98.53 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tot Ion: 82 Resp: 178682
Ion Ratio Lower Upper
82 100
128 51.6 40.1 60.1
54 35.2 29.5 44.3

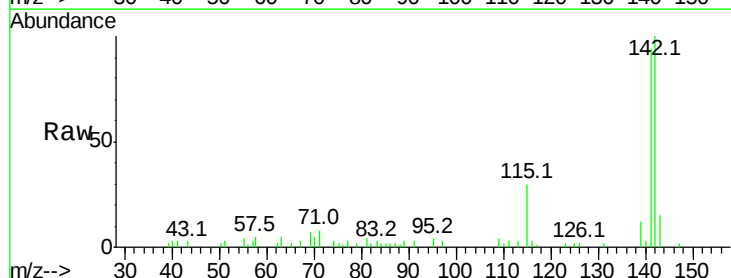


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

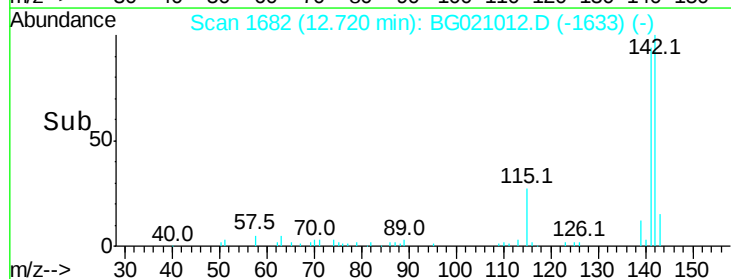
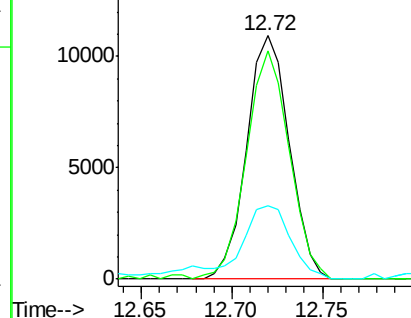


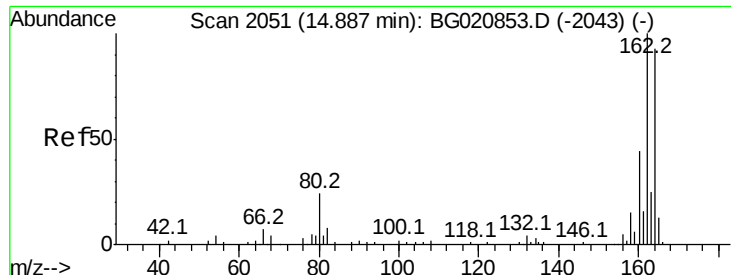
#37
2-Methylnaphthalene
Concen: 4.12 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:142 Resp: 17846
Ion Ratio Lower Upper
142 100
141 93.8 73.4 110.2
115 30.1 23.0 34.6



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 115.00 (114.70 to 115.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

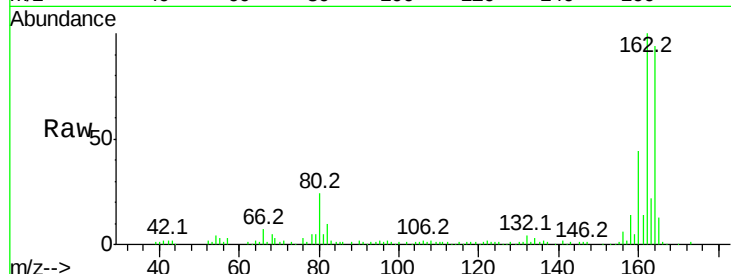
Tot Ion:164 Resp: 70680

Ion Ratio Lower Upper

164 100

162 106.1 85.7 128.5

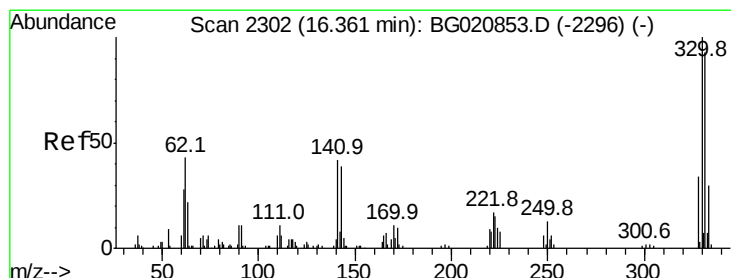
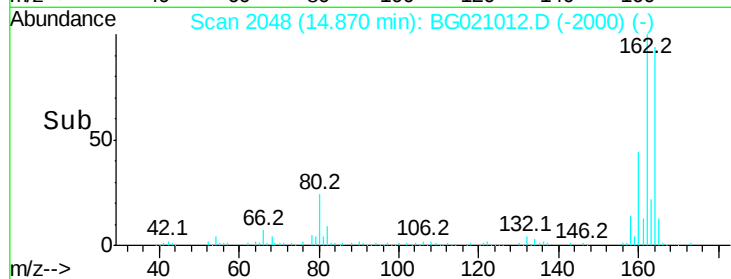
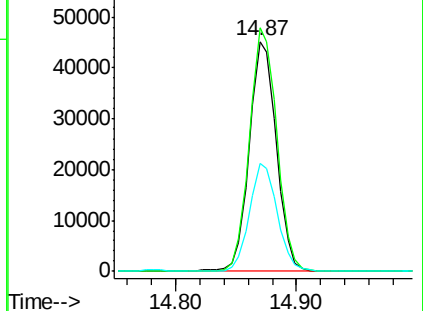
160 46.9 37.4 56.0



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: 154.53 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

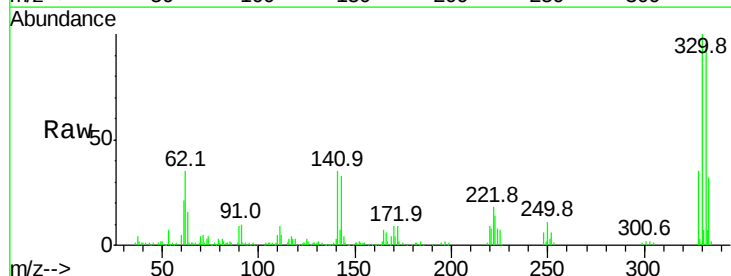
Tgt Ion:330 Resp: 107409

Ion Ratio Lower Upper

330 100

332 95.1 76.1 114.1

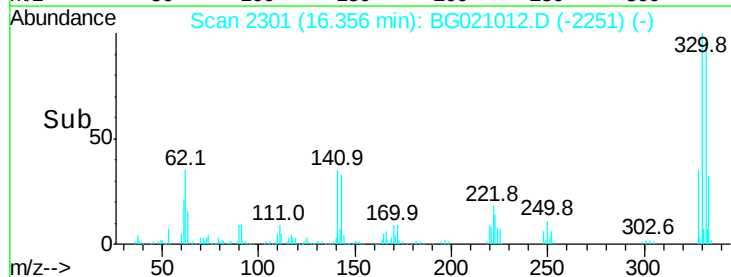
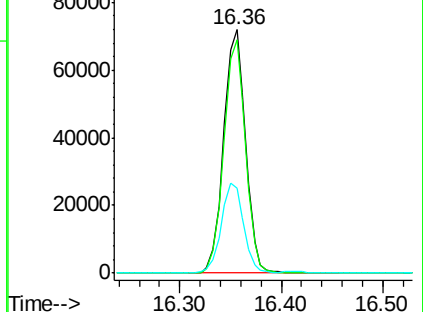
141 37.1 32.0 48.0

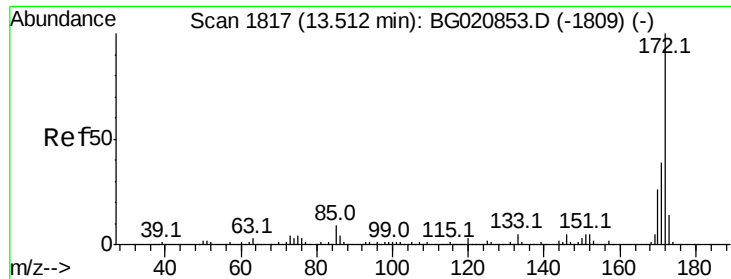


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

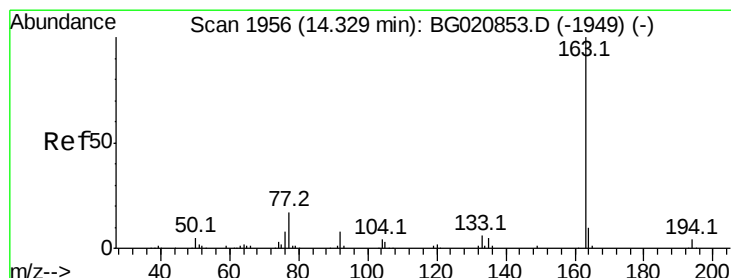
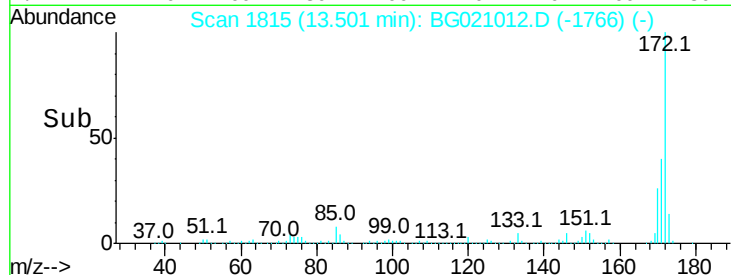
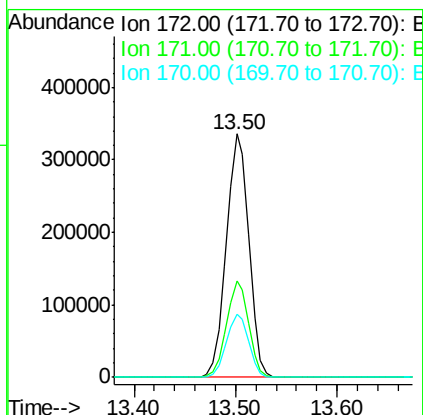
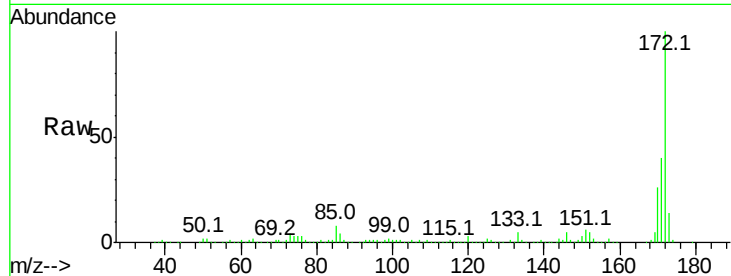




#44
2-Fluorobiphenyl
Concen: 102.16 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

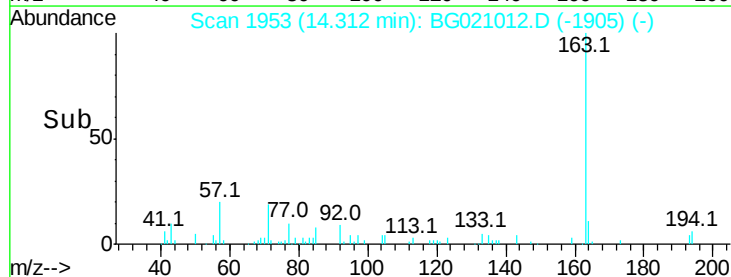
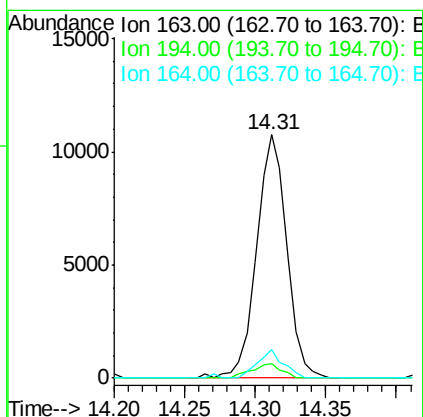
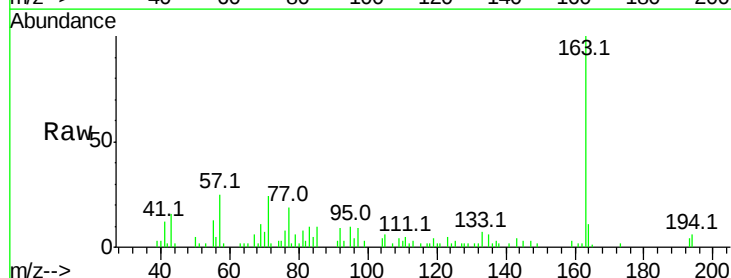
Instrument :
BNA_G
ClientSampleId :
EGR-B-3

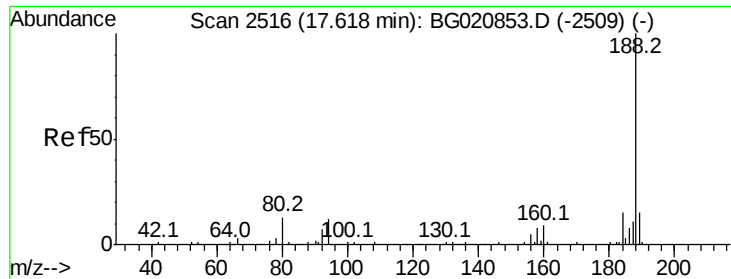
Tot Ion:172 Resp: 514022
Ion Ratio Lower Upper
172 100
171 39.8 31.2 46.8
170 26.0 20.6 30.8



#49
Dimethylphthalate
Concen: 2.92 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:163 Resp: 16123
Ion Ratio Lower Upper
163 100
194 6.0 3.1 4.7#
164 11.5 8.3 12.5

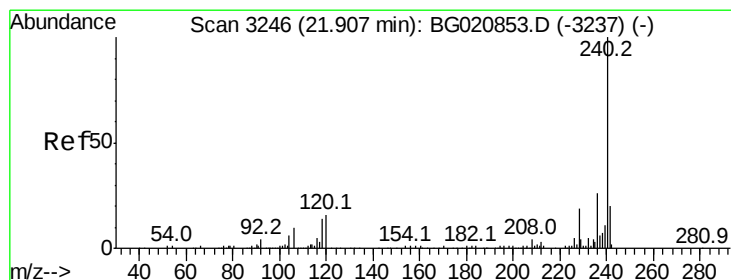
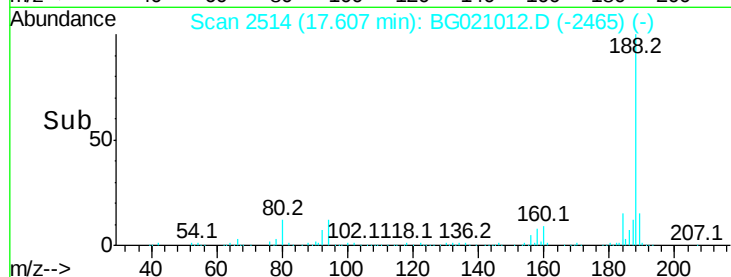
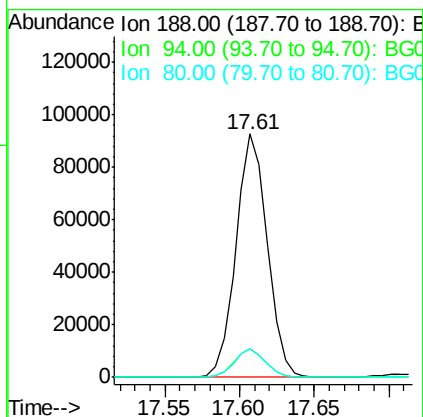
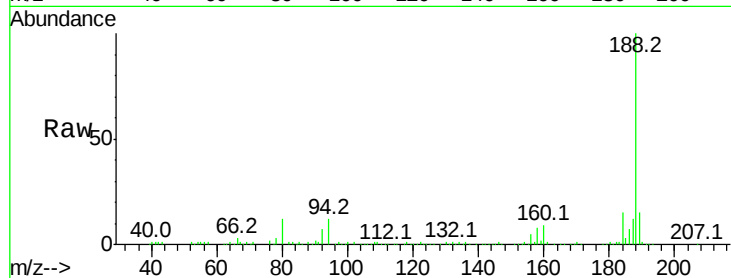




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

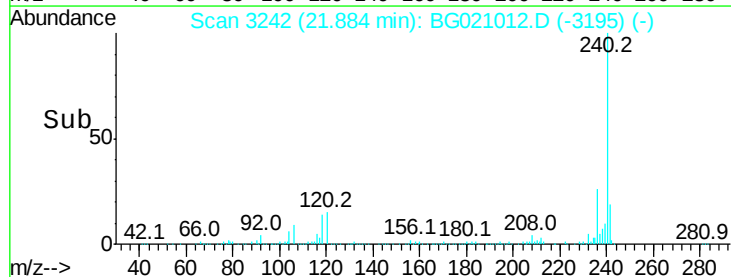
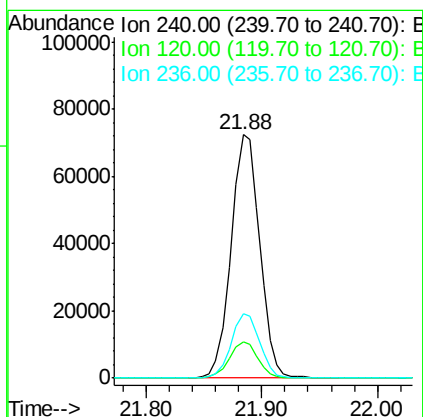
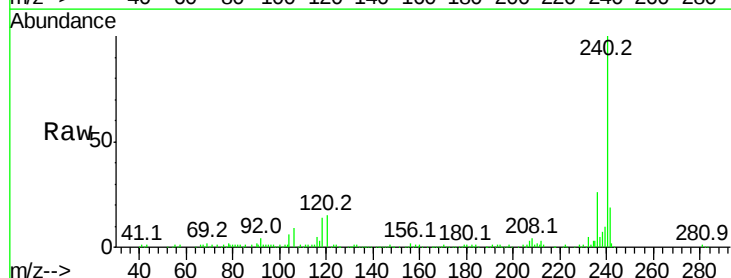
Instrument :
BNA_G
ClientSampleId :
EGR-B-3

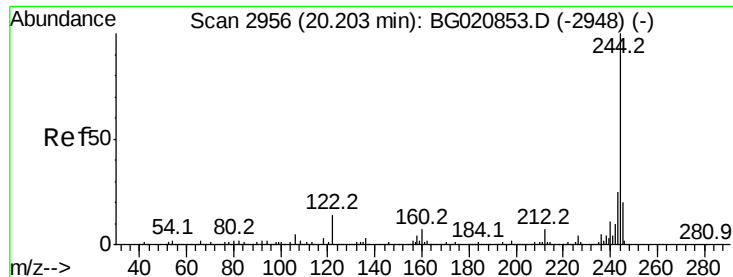
Tot Ion:188 Resp: 134836
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.0
80 11.7 10.2 15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:240 Resp: 124074
Ion Ratio Lower Upper
240 100
120 15.1 13.0 19.4
236 26.2 21.0 31.4





#78

Terphenyl-d14

Concen: 106.33 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

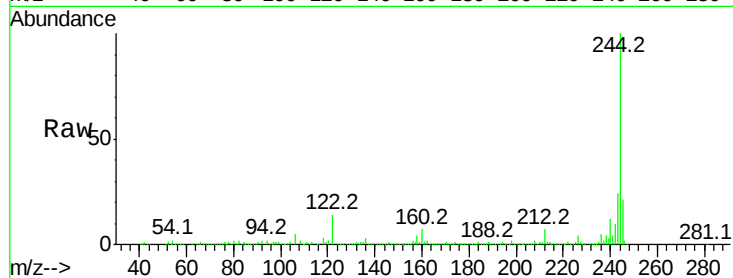
Tot Ion:244 Resp: 565540

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

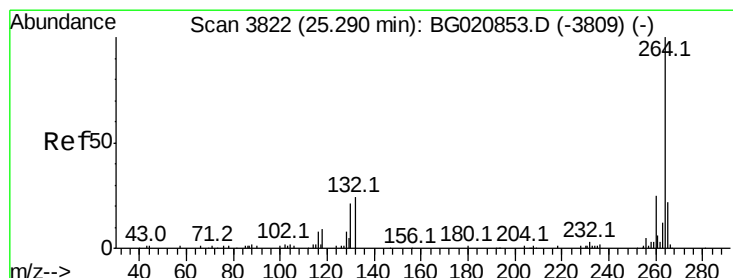
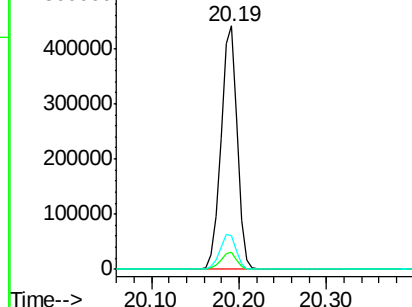
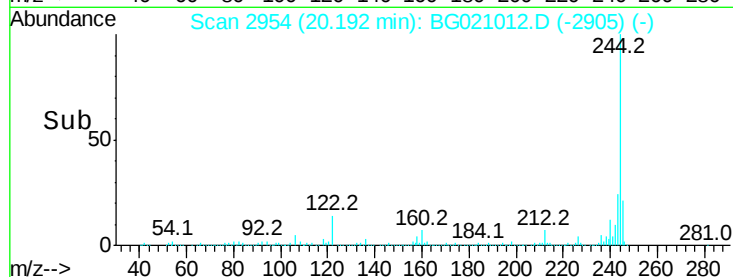
122 13.9 11.4 17.2



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: 25.26 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

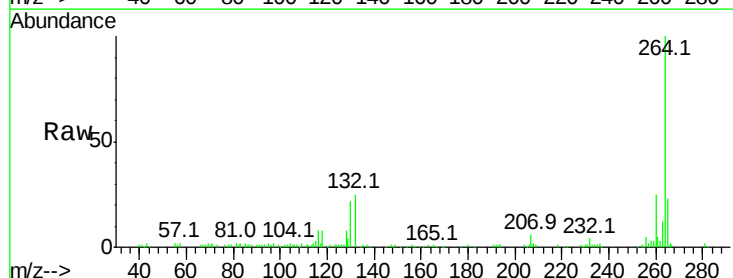
Tgt Ion:264 Resp: 119216

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 22.9 18.0 27.0



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

