

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032240.D
 Acq On : 23 Jan 2018 20:25
 Operator : SJ/JU
 Sample : J1240-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-1

Quant Time: Jan 24 04:43:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

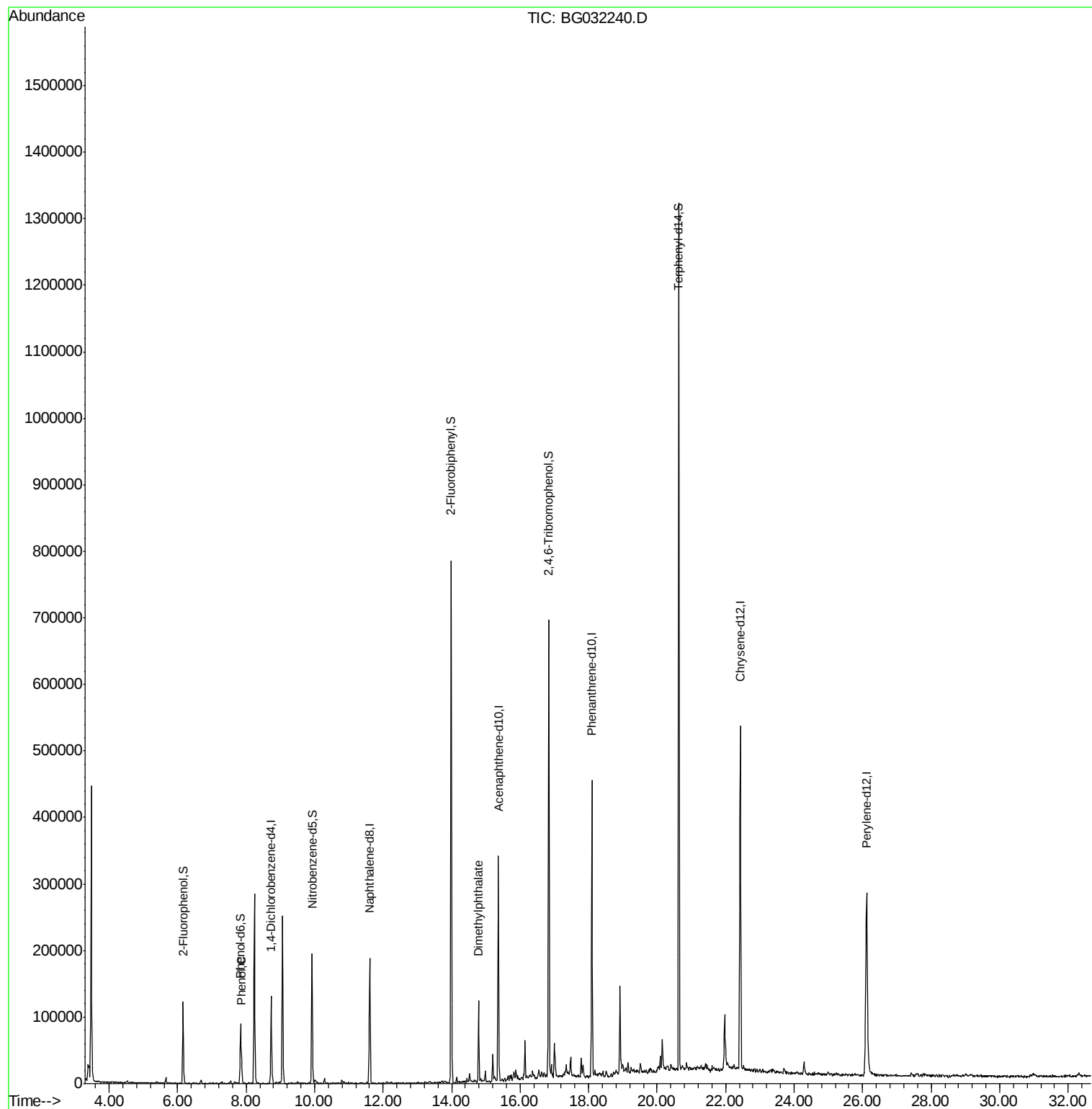
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	42114	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	183646	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	130059	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	308764	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	393769	20.00	ng	-0.02
86) Perylene-d12	26.11	264	429066	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	62247	27.03	ng	-0.01
7) Phenol-d6	7.83	99	52986	18.27	ng	-0.02
23) Nitrobenzene-d5	9.92	82	123008	45.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.83	330	155843	72.41	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	466016	44.43	ng	-0.02
78) Terphenyl-d14	20.63	244	711077	39.87	ng	-0.02
Target Compounds						
10) Phenol	7.86	94	21966	7.689	ng	87
49) Dimethylphthalate	14.78	163	85833	7.542	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

Instrument :

BNA_G

ClientSampled :

PT-1

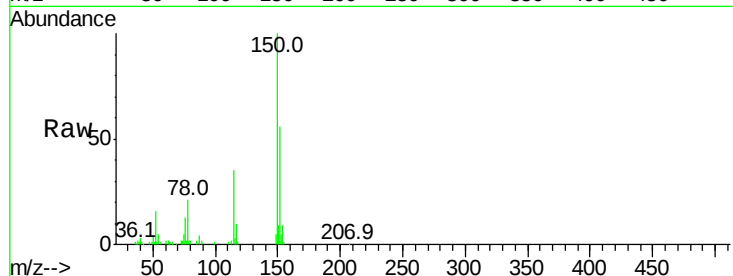
Tot Ion:152 Resp: 42114

Ion Ratio Lower Upper

152 100

150 178.2 126.6 189.8

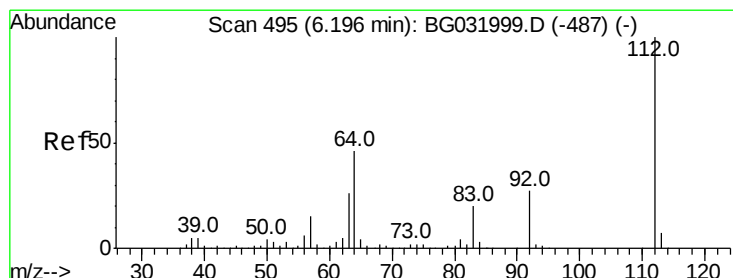
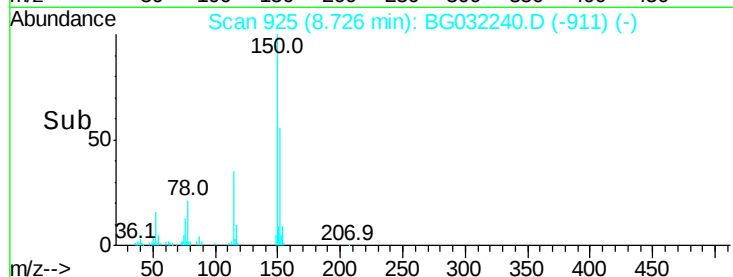
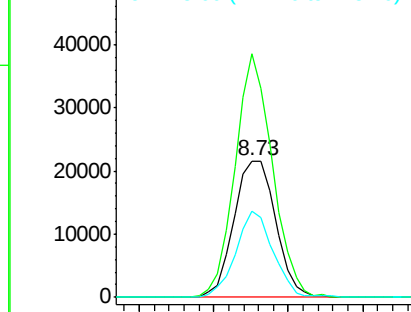
115 62.7 53.0 79.4



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: 27.033 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

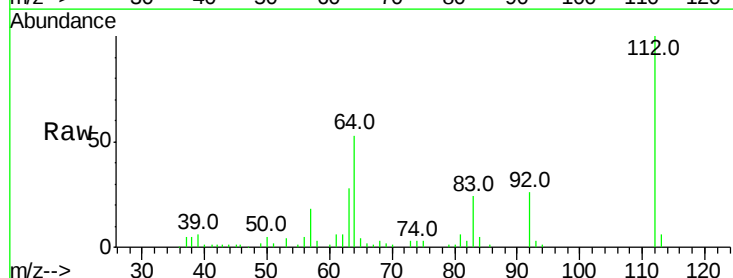
Tgt Ion:112 Resp: 62247

Ion Ratio Lower Upper

112 100

64 53.2 56.3 84.5#

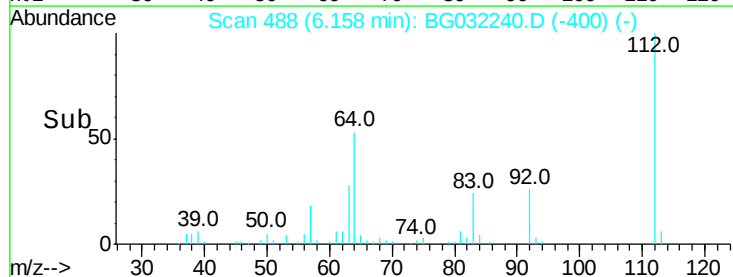
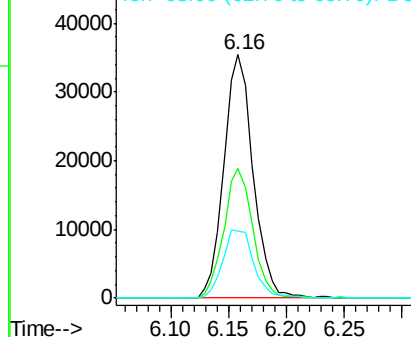
63 27.7 30.1 45.1#

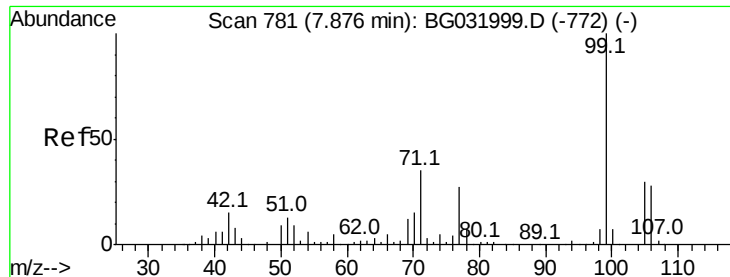


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 18.271 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

Instrument :

BNA_G

ClientSampleId :

PT-1

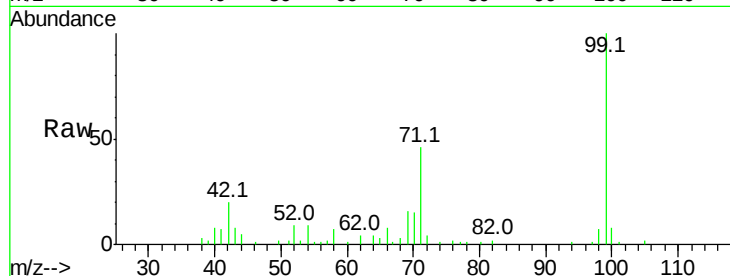
Tot Ion: 99 Resp: 52986

Ion Ratio Lower Upper

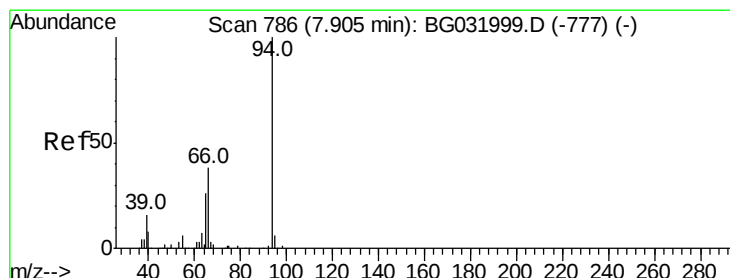
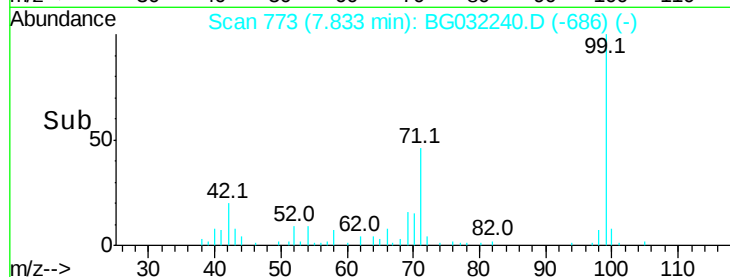
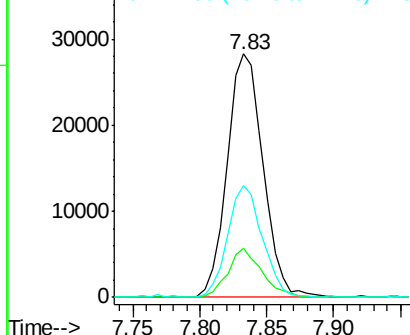
99 100

42 19.9 14.1 21.1

71 46.1 26.1 39.1#



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



#10

Phenol

Concen: 7.689 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

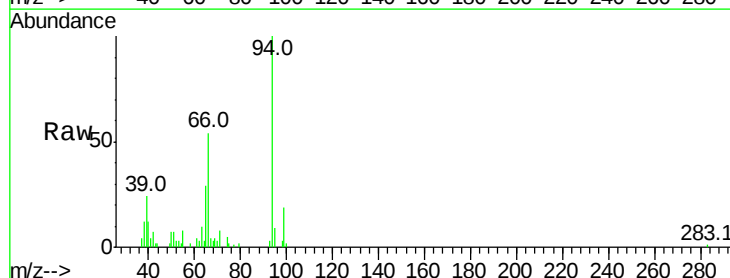
Tgt Ion: 94 Resp: 21966

Ion Ratio Lower Upper

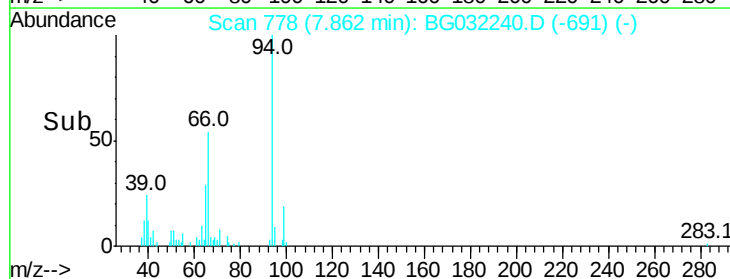
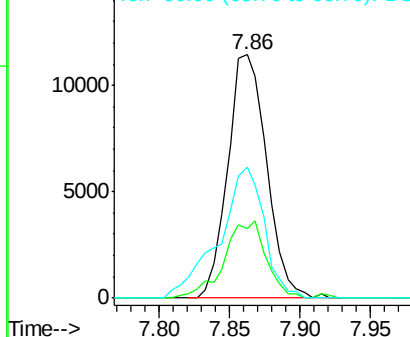
94 100

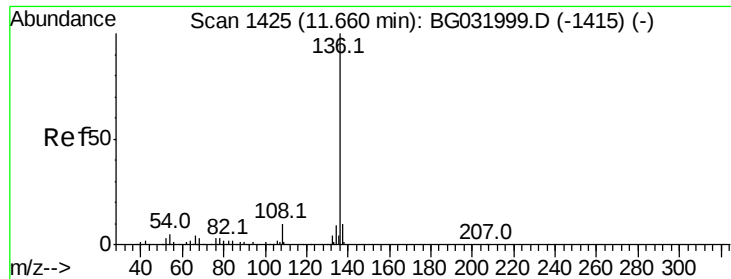
65 28.6 11.9 51.9

66 53.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

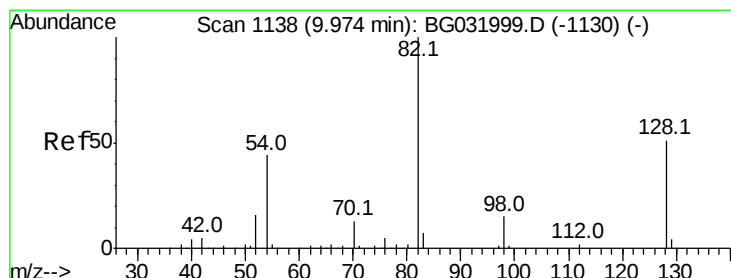
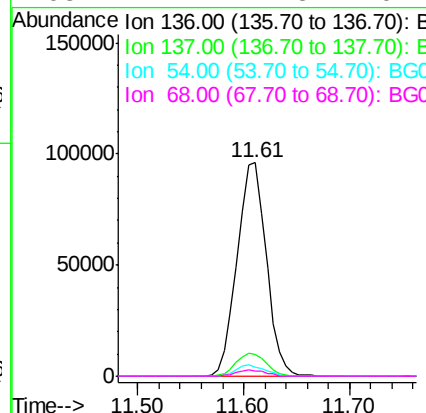
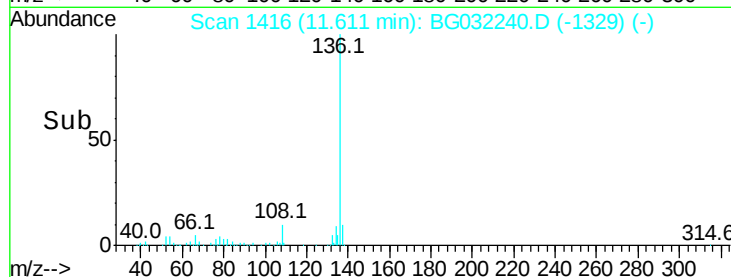
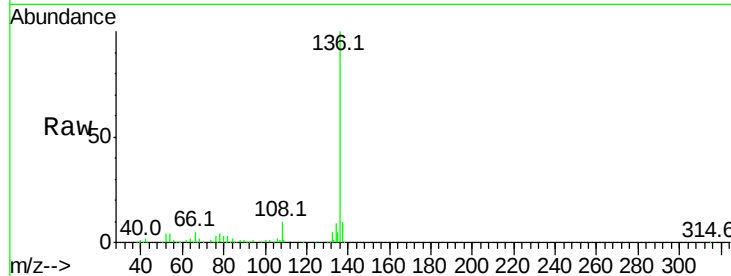




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

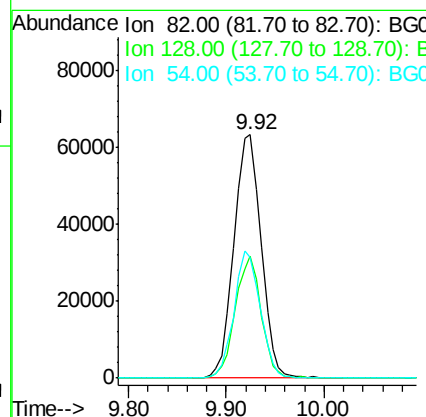
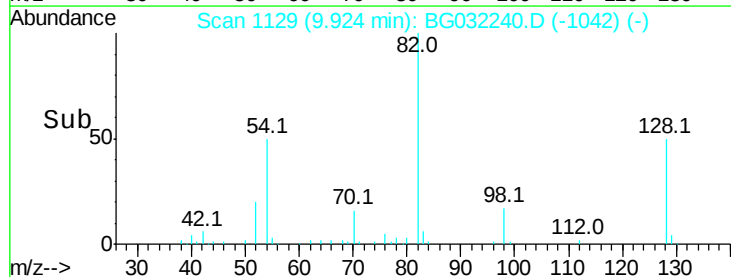
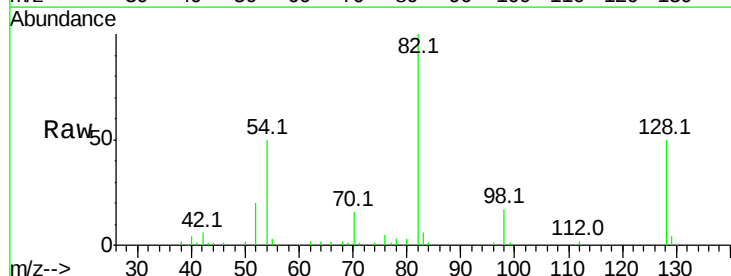
Instrument :
BNA_G
ClientSampled :
PT-1

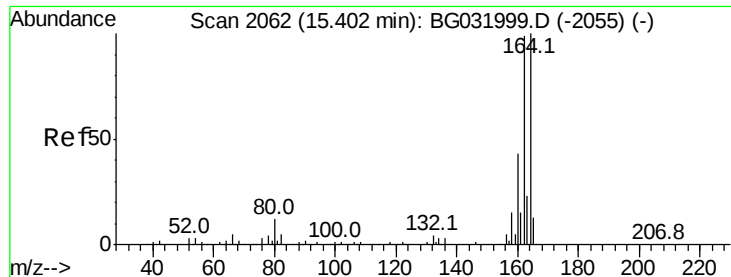
Tot Ion:	136	Resp:	183646
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	4.2	10.3	15.5#
68	2.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 45.316 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

Tgt Ion:	82	Resp:	123008
Ion	Ratio	Lower	Upper
82	100		
128	49.9	29.7	44.5#
54	49.8	43.1	64.7

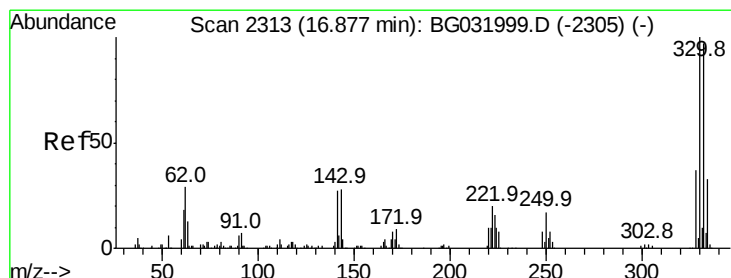
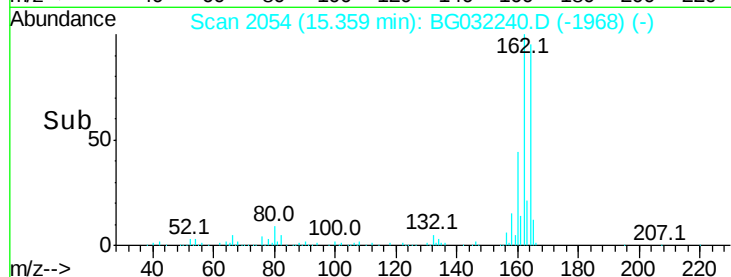
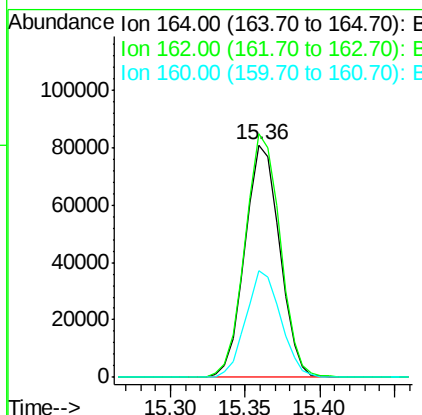
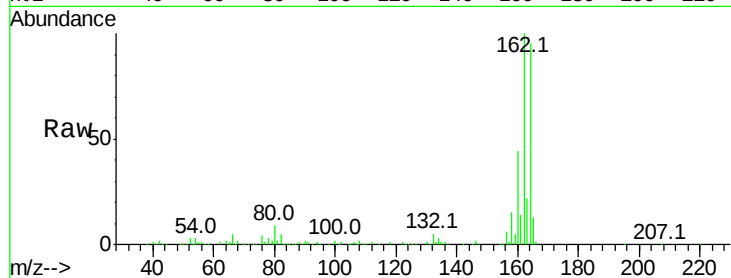




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG032240.D
 Acq: 23 Jan 2018 20:25

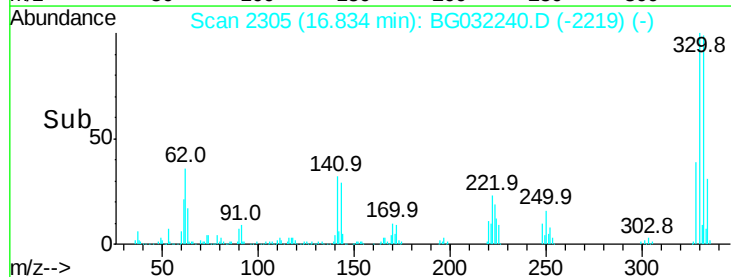
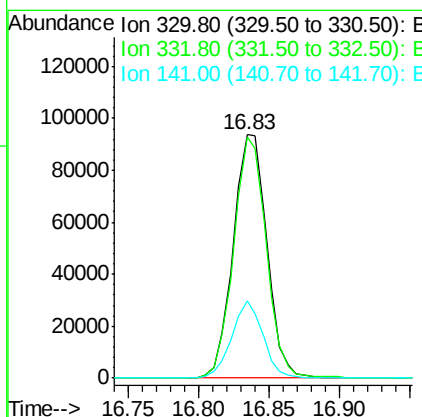
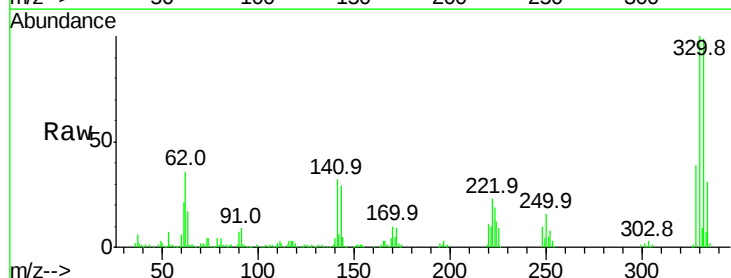
Instrument :
 BNA_G
 ClientSampleId :
 PT-1

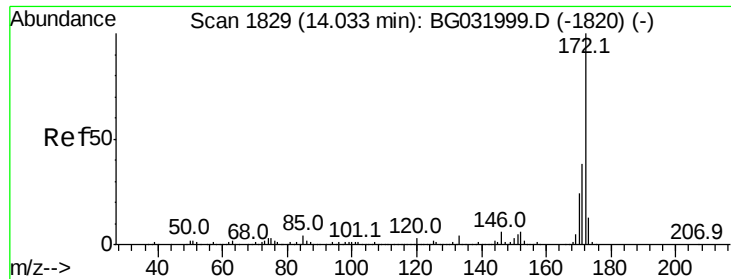
Tot Ion:164 Resp: 130059
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 45.8 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 72.412 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: BG032240.D
 Acq: 23 Jan 2018 20:25

Tgt Ion:330 Resp: 155843
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.4 25.2 37.8

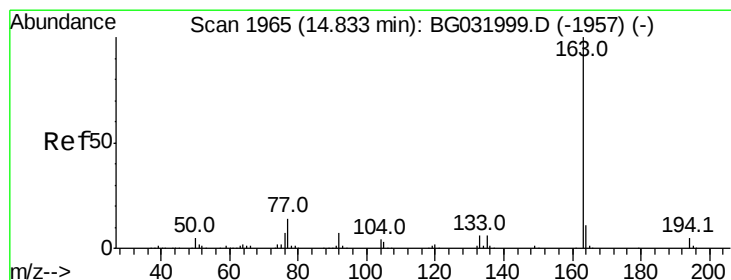
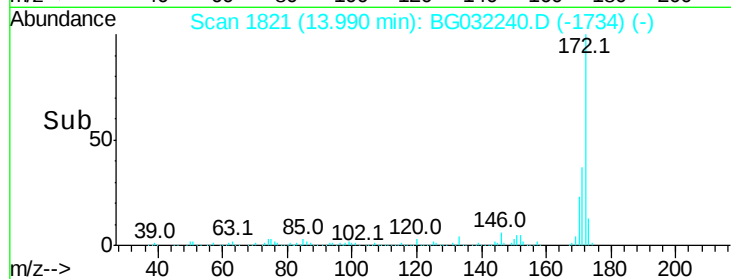
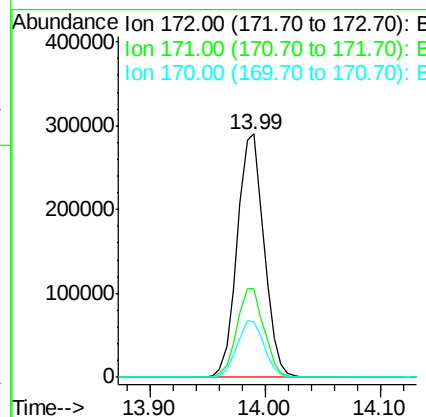
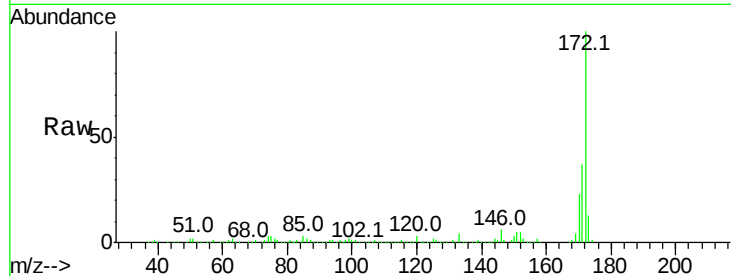




#44
2-Fluorobiphenyl
Concen: 44.429 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

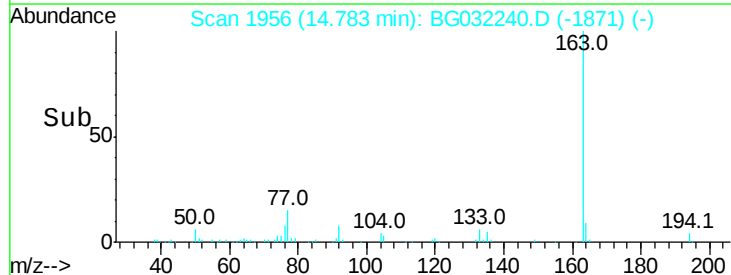
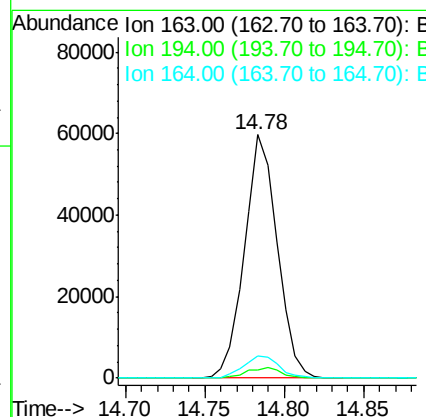
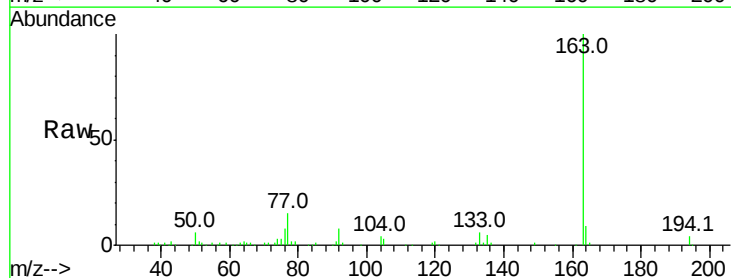
Instrument :
BNA_G
ClientSampleId :
PT-1

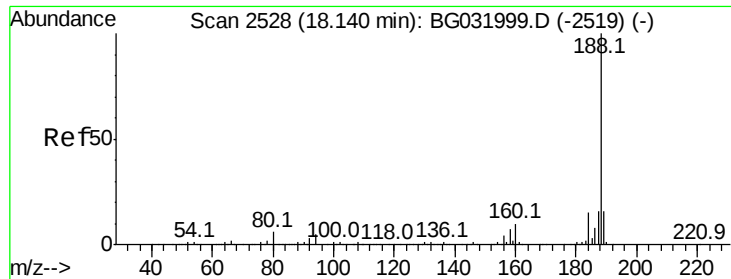
Tot Ion:172 Resp: 466016
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 22.6 19.5 29.3



#49
Dimethylphthalate
Concen: 7.542 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.03 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

Tgt Ion:163 Resp: 85833
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 9.3 8.2 12.4

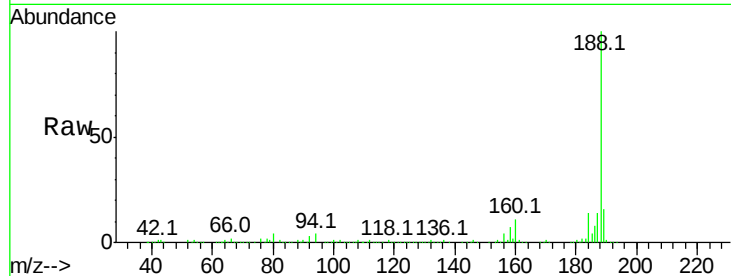




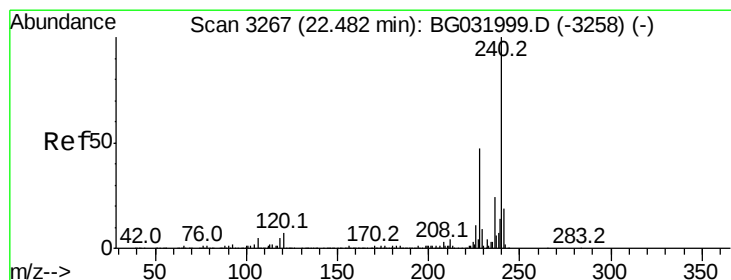
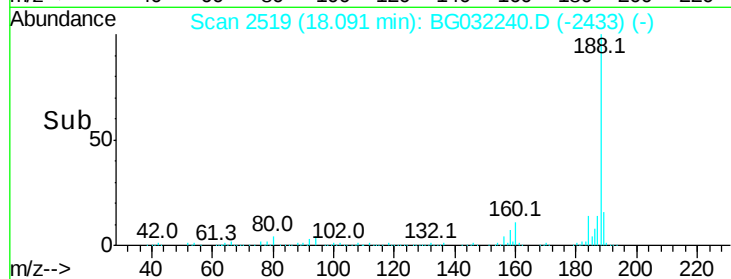
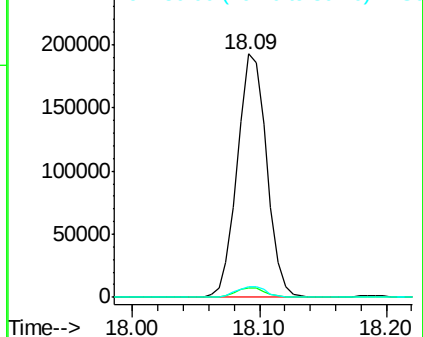
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

Instrument :
BNA_G
ClientSampled :
PT-1

Tot Ion:188 Resp: 308764
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.4 7.7 11.5#

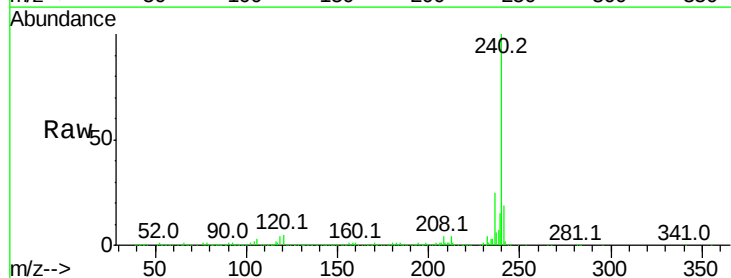


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

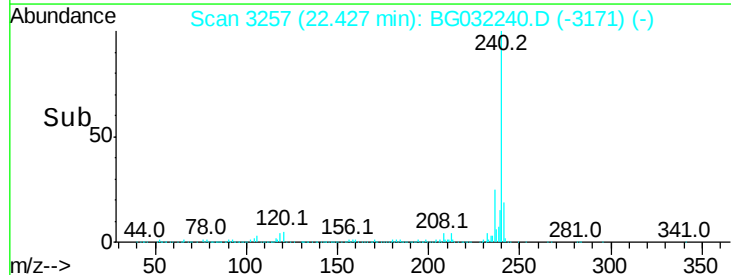
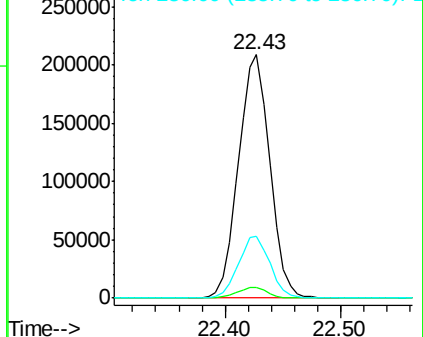


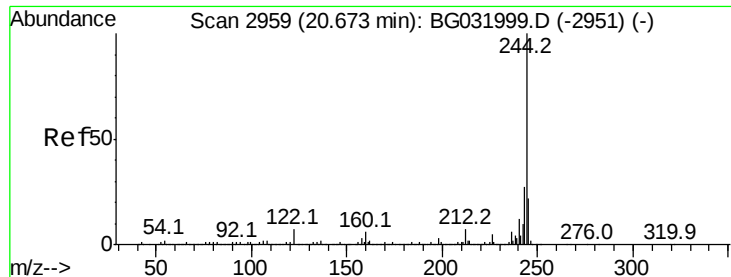
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032240.D
Acq: 23 Jan 2018 20:25

Tgt Ion:240 Resp: 393769
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 25.2 20.9 31.3



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: 39.873 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

Instrument :

BNA_G

ClientSampleId :

PT-1

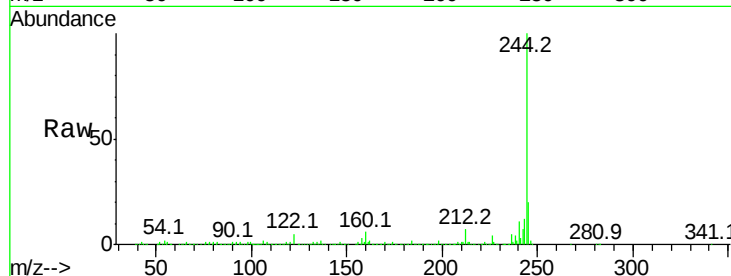
Tot Ion:244 Resp: 711077

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

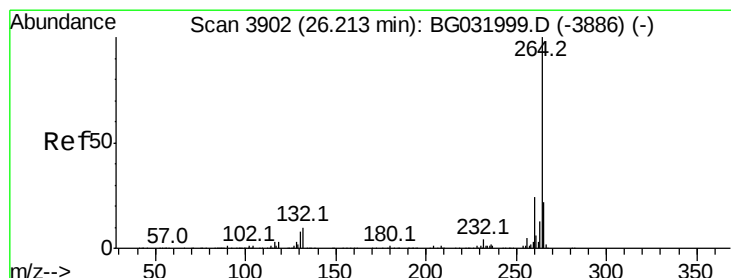
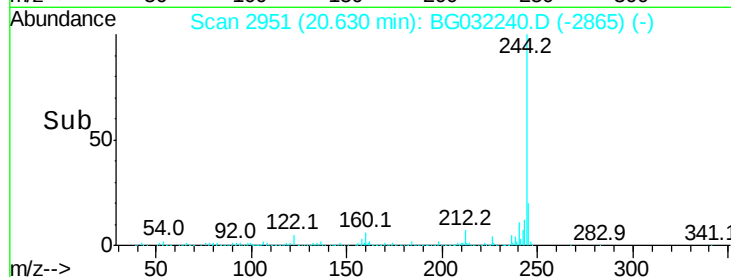
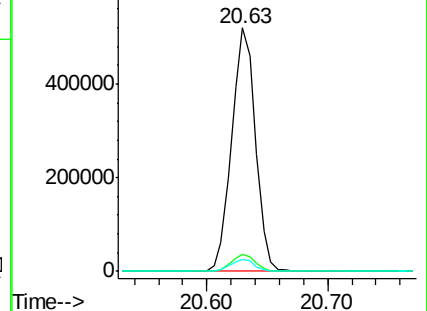
122 5.1 7.0 10.4#



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: 20.000 ng

RT: 26.11 min Scan# 3884

Delta R.T. -0.04 min

Lab File: BG032240.D

Acq: 23 Jan 2018 20:25

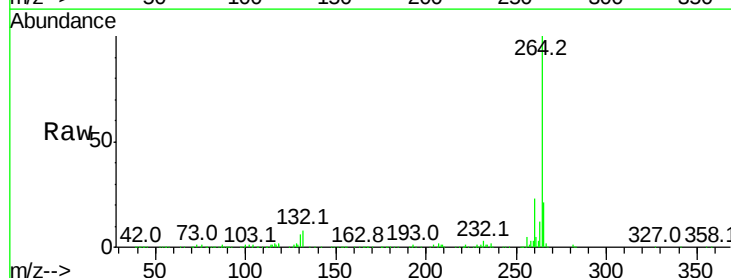
Tgt Ion:264 Resp: 429066

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.9 17.7 26.5



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

