

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030633.D
 Acq On : 1 Nov 2017 13:40
 Operator : SJ/JU
 Sample : I6200-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 17:36:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

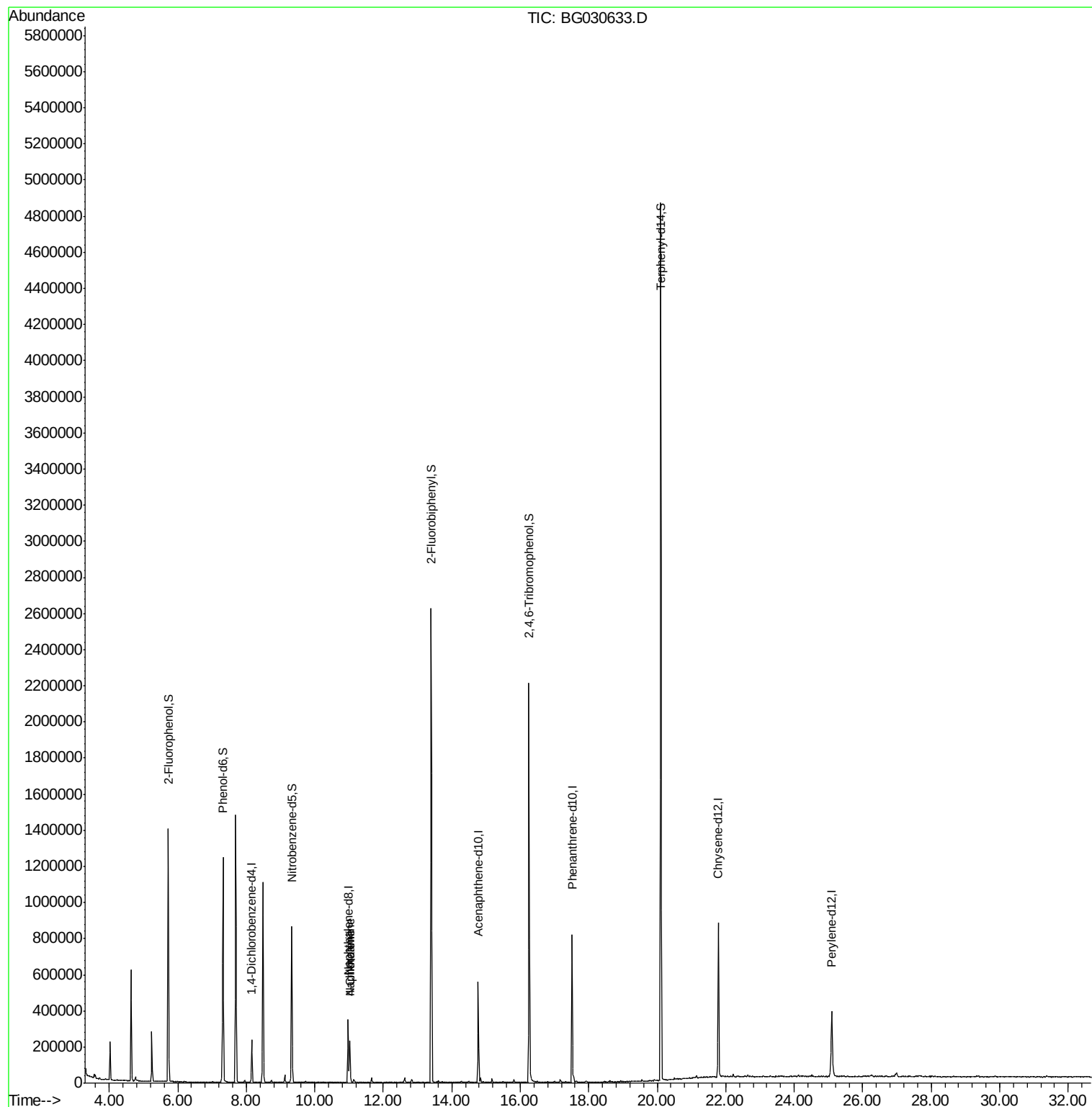
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69512	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	315325	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	200630	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	500207	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	533493	20.00	ng	-0.02
86) Perylene-d12	25.10	264	354054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	642417	154.39	ng	0.00
7) Phenol-d6	7.32	99	766175	131.18	ng	0.00
23) Nitrobenzene-d5	9.33	82	541129	109.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	458542	177.02	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1458510	106.62	ng	-0.02
78) Terphenyl-d14	20.10	244	2283882	97.39	ng	-0.02
Target Compounds						
31) Naphthalene	11.02	128	204698	13.026	ng	97
33) 4-Chloroaniline	11.02	127	27408	4.146	ng	# 26

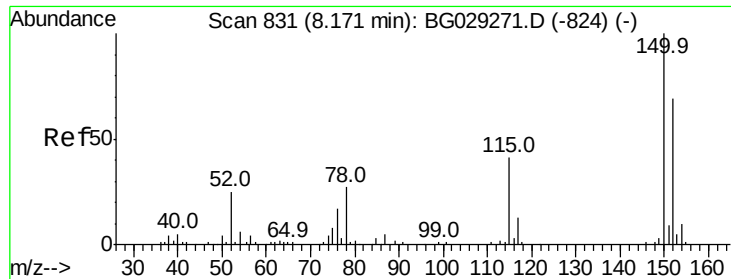
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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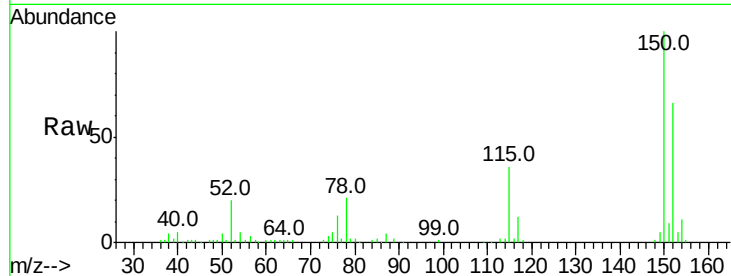


#1

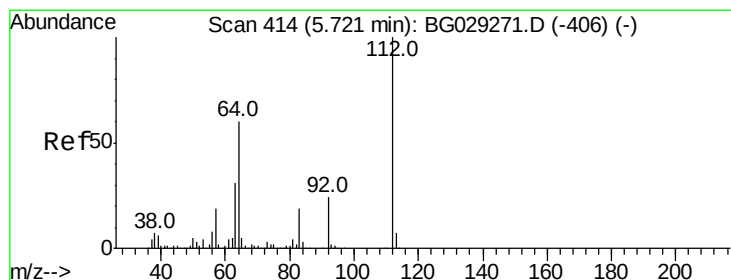
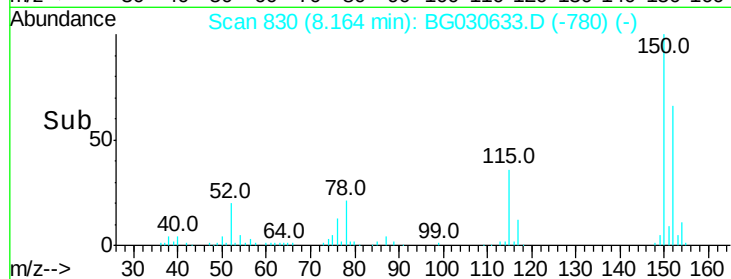
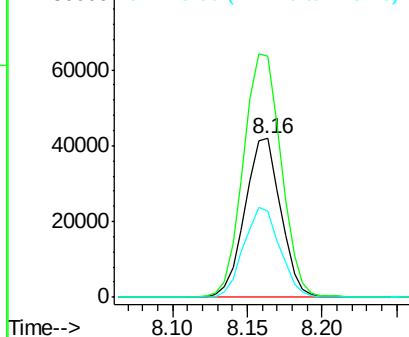
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69512
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 54.0 53.0 79.4



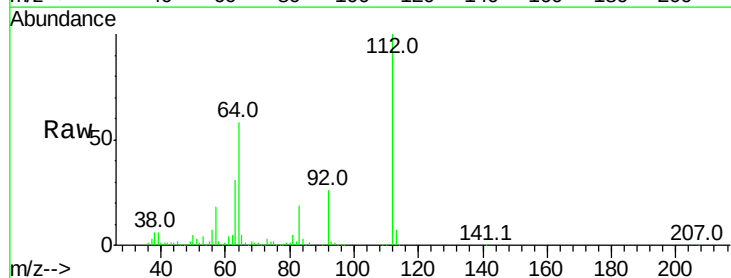
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



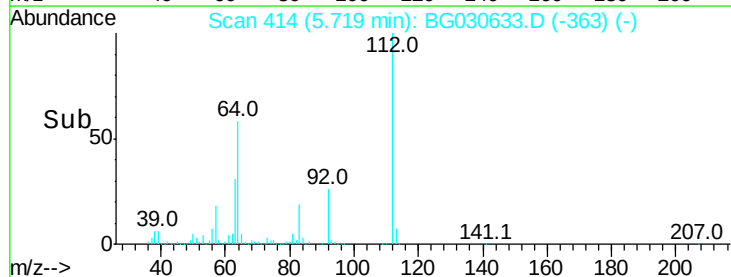
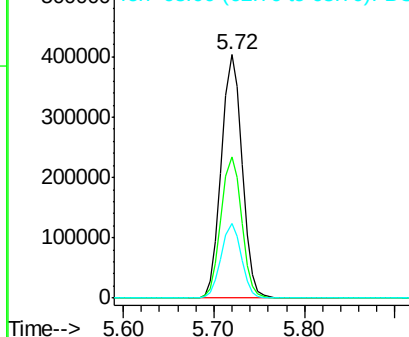
#5

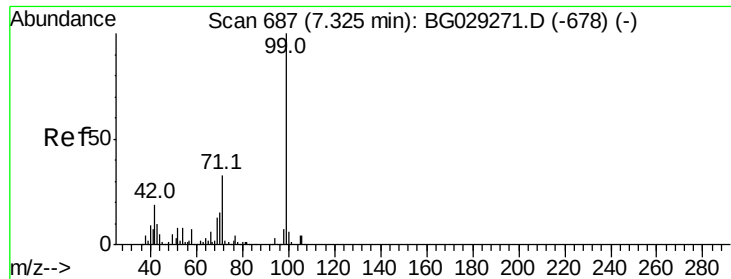
2-Fluorophenol
Concen: 154.389 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion:112 Resp: 642417
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 30.7 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: 131.180 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Instrument :

BNA_G

ClientSampled :

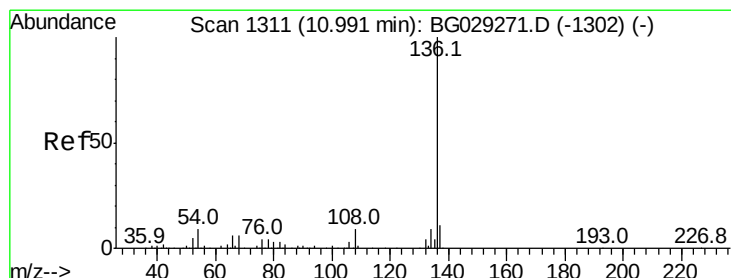
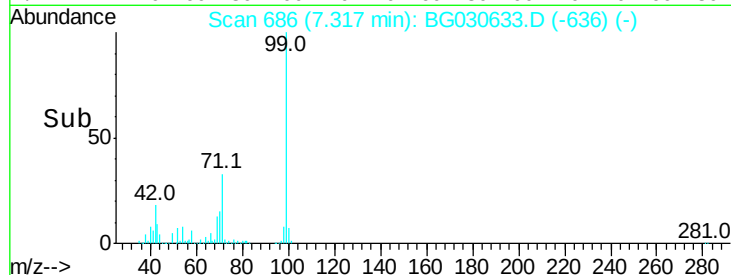
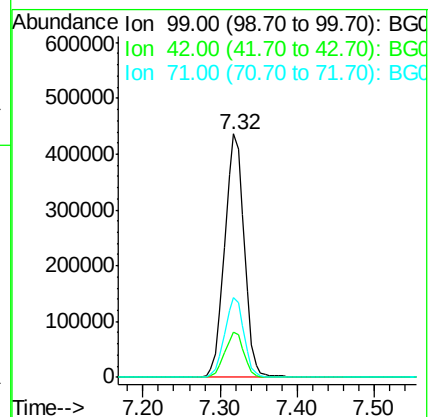
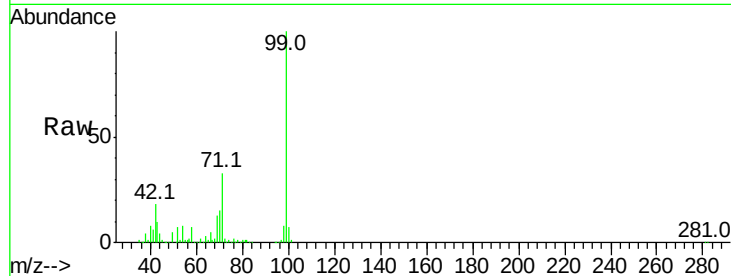
Tot Ion: 99 Resp: 766175

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

71 32.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Tgt Ion: 136 Resp: 315325

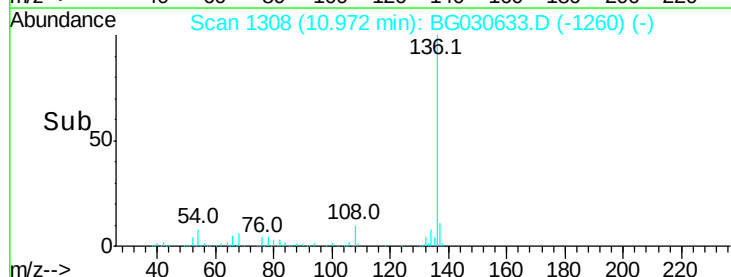
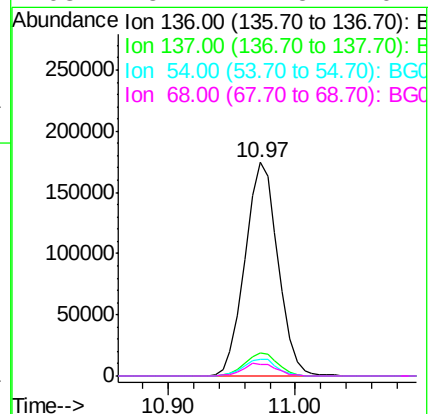
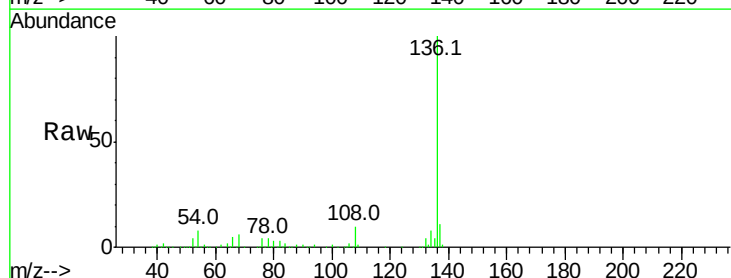
Ion Ratio Lower Upper

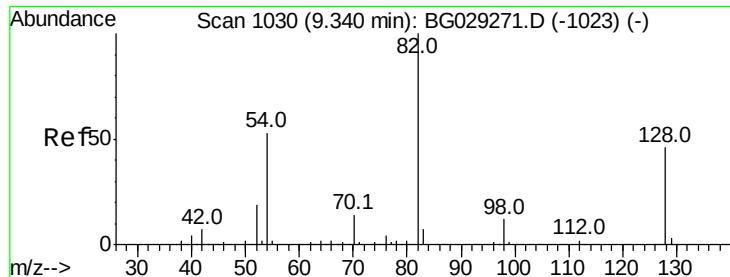
136 100

137 11.1 9.2 13.8

54 8.0 10.3 15.5#

68 5.7 4.5 6.7

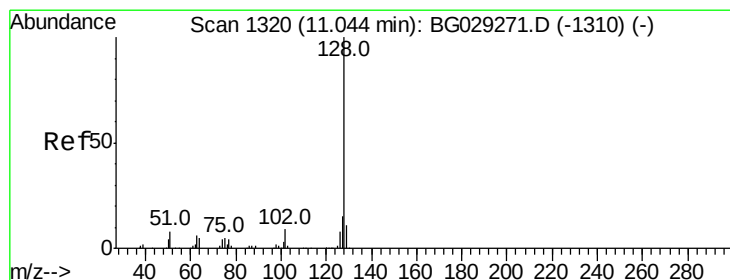
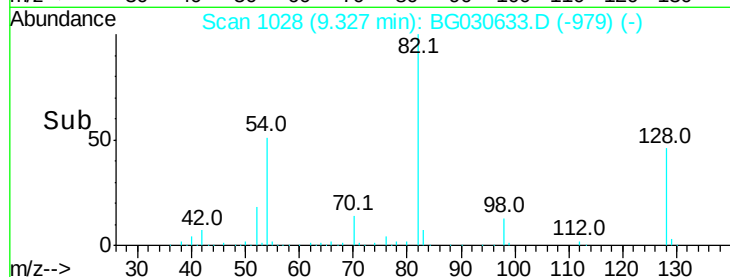
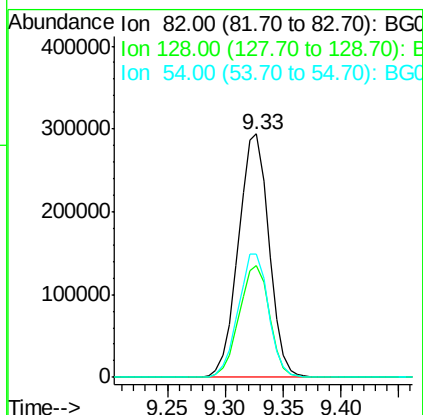
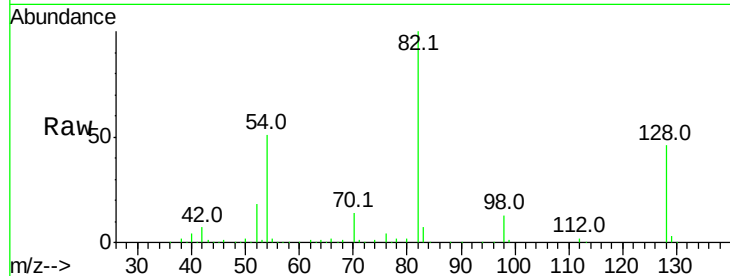




#23
Nitrobenzene-d5
Concen: 109.053 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

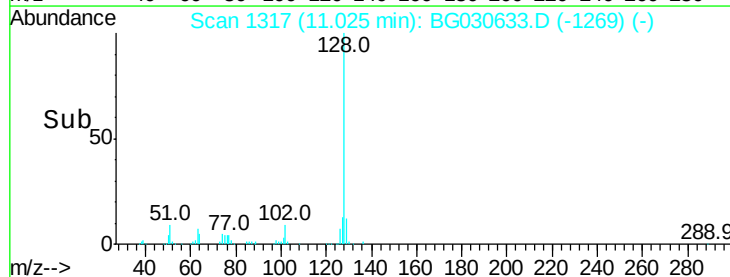
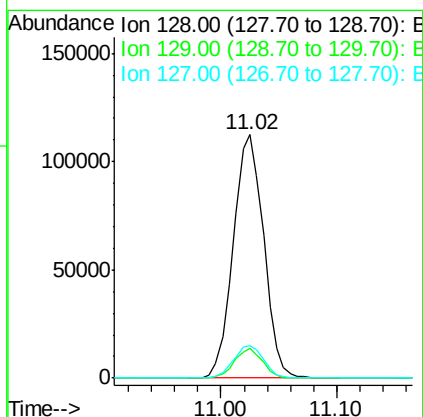
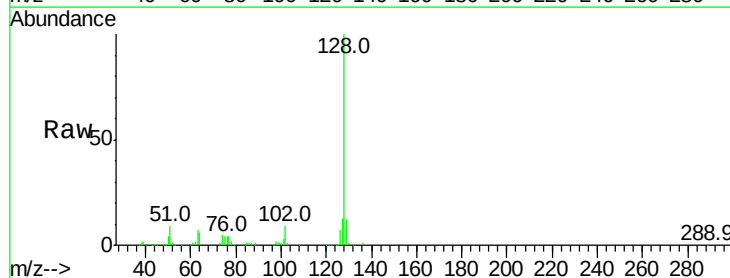
Instrument :
BNA_G
ClientSampleId :

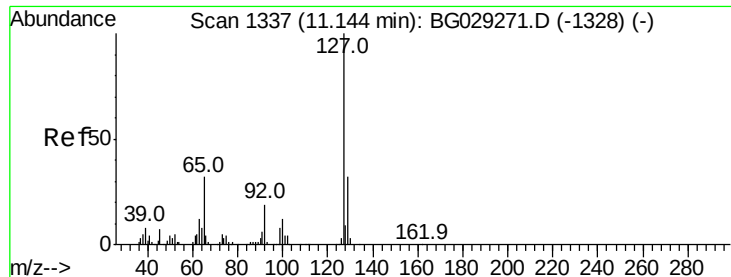
Tot Ion: 82 Resp: 541129
Ion Ratio Lower Upper
82 100
128 46.1 29.7 44.5#
54 50.8 43.1 64.7



#31
Naphthalene
Concen: 13.026 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion: 128 Resp: 204698
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 13.4 11.6 17.4

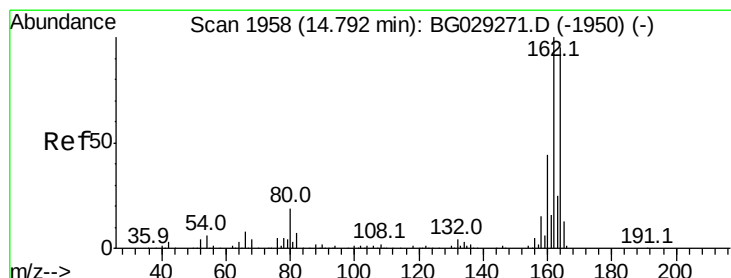
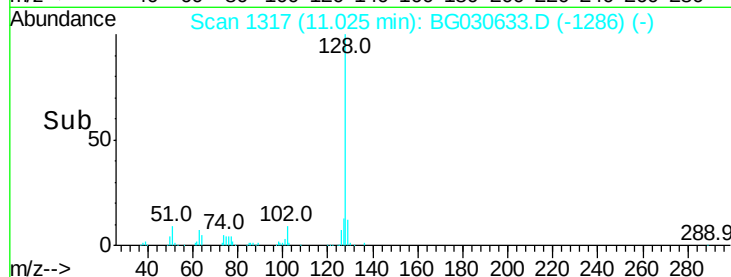
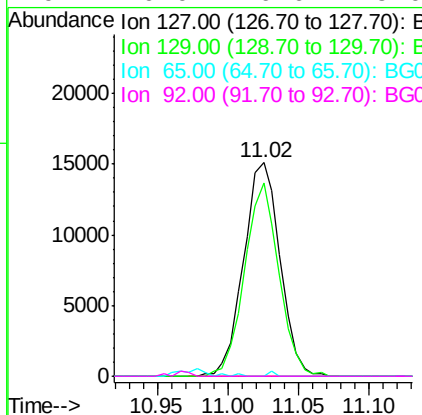
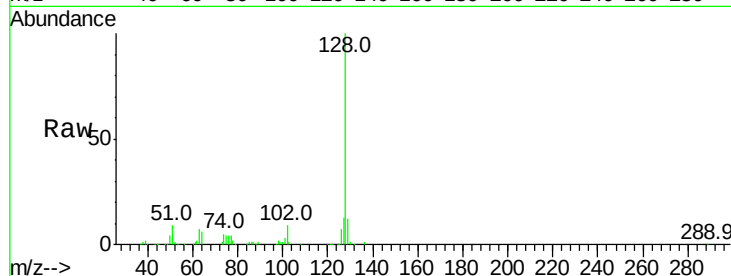




#33
4-Chloroaniline
Concen: 4.146 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.12 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

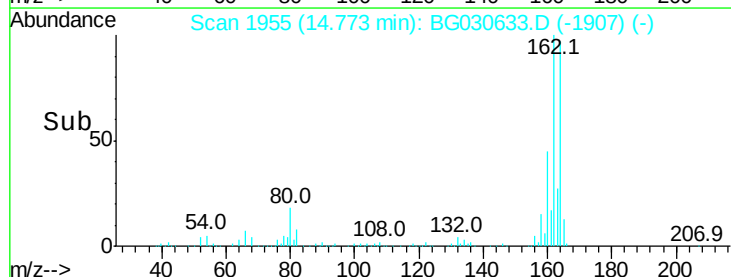
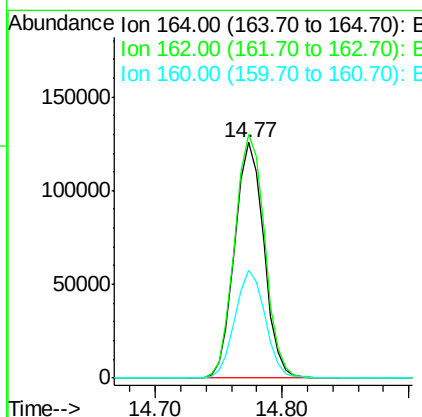
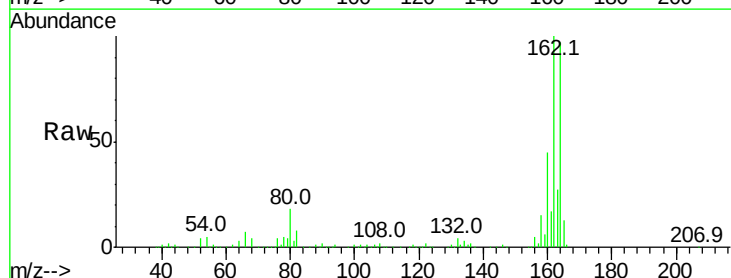
Instrument :
BNA_G
ClientSampleId :

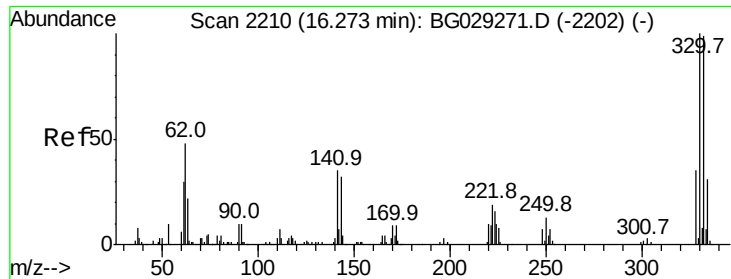
Tot Ion:	127	Resp:	27408
Ion	Ratio	Lower	Upper
127	100		
129	90.8	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion:	164	Resp:	200630
Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	46.0	35.4	53.0

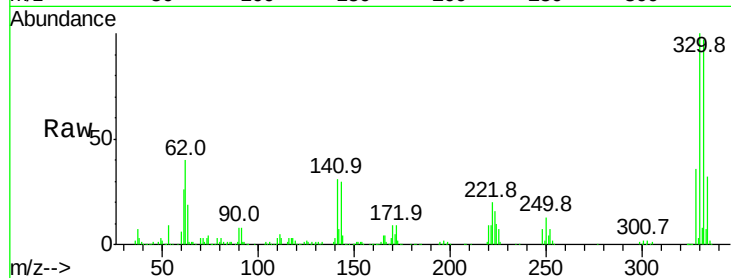




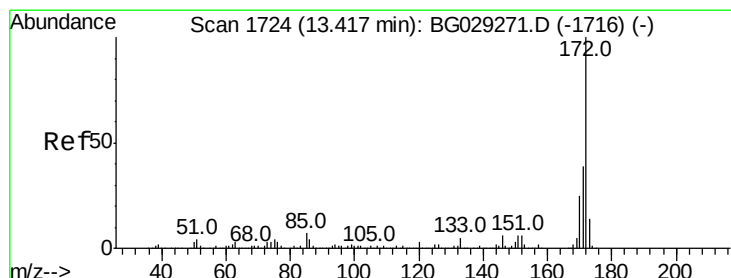
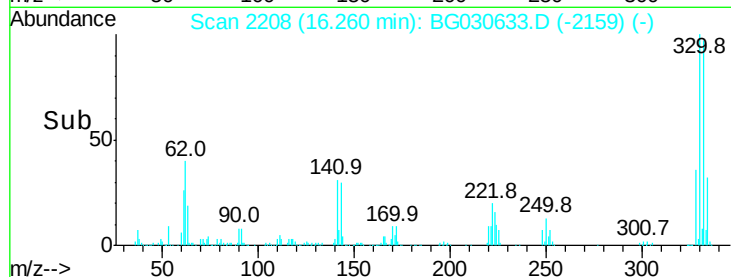
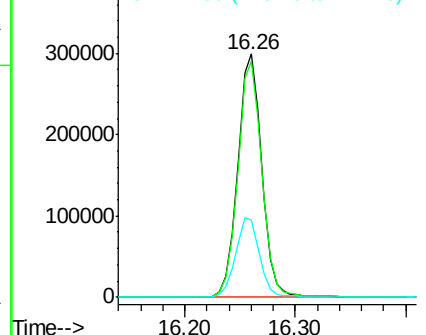
#41
 2,4,6-Tribromophenol
 Concen: 177.020 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030633.D
 Acq: 1 Nov 2017 13:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.8	25.2	37.8

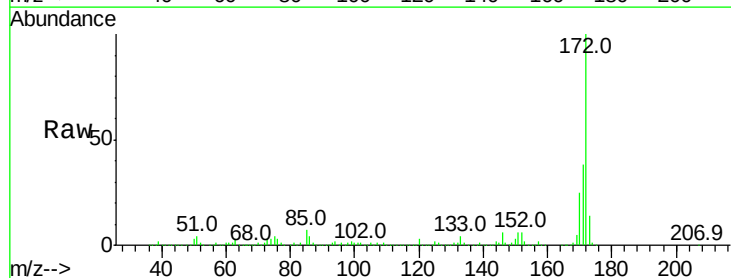


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

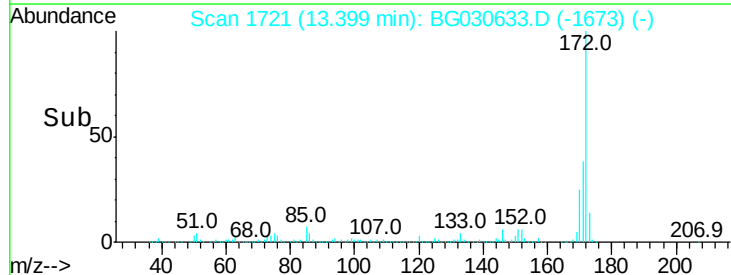
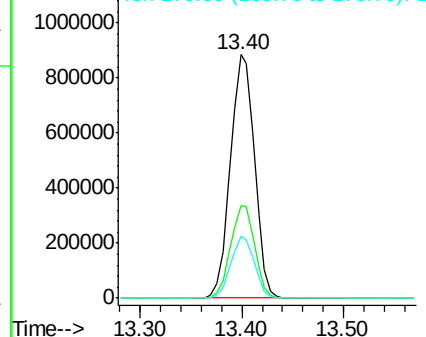


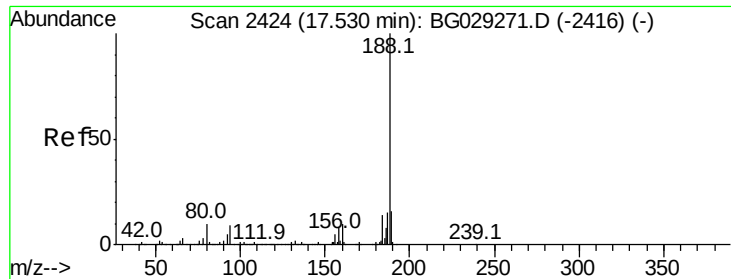
#44
 2-Fluorobiphenyl
 Concen: 106.621 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030633.D
 Acq: 1 Nov 2017 13:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.3	19.5	29.3



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

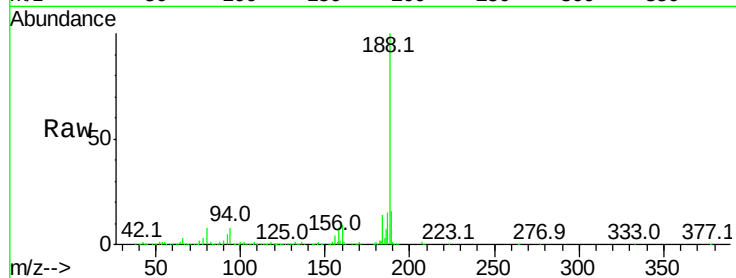




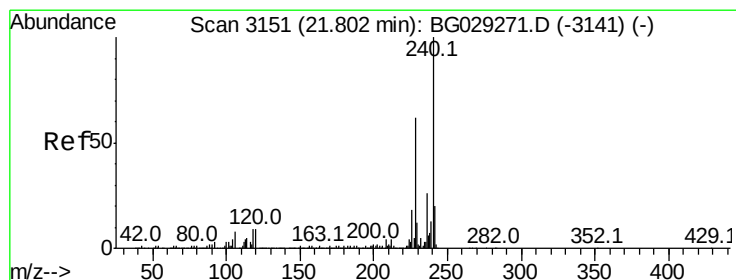
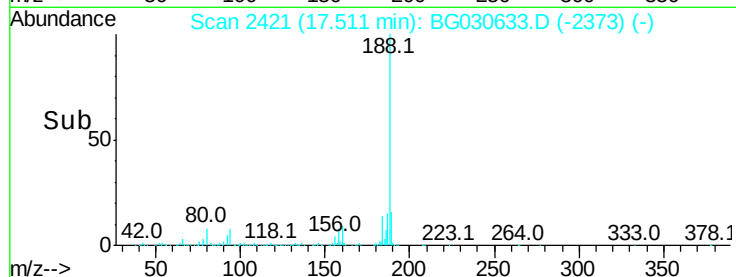
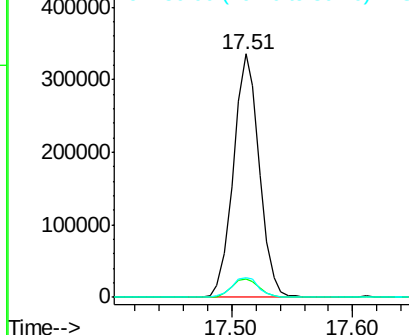
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 500207
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.2 7.7 11.5

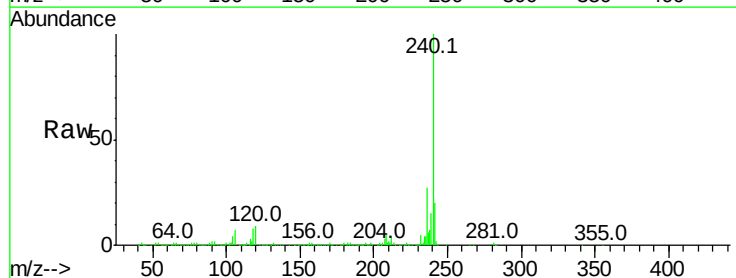


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

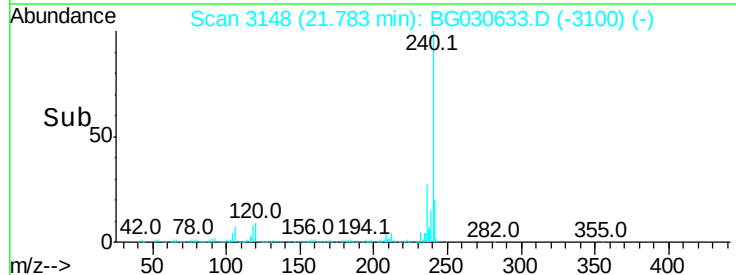
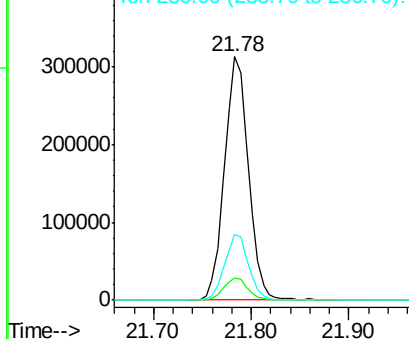


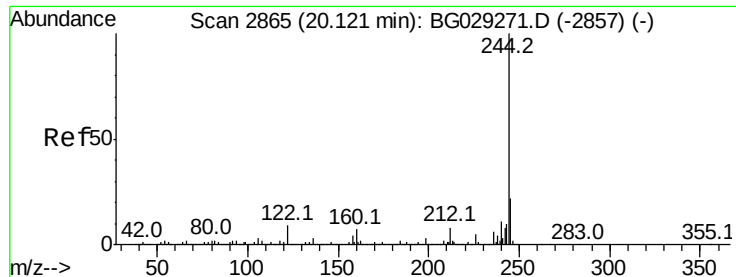
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion:240 Resp: 533493
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 27.1 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: 97.390 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Instrument :

BNA_G

ClientSampleId :

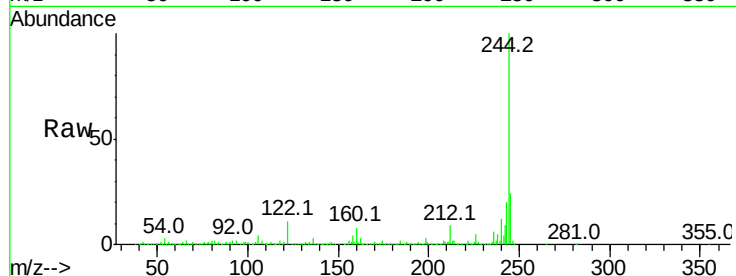
Tot Ion:244 Resp: 2283882

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

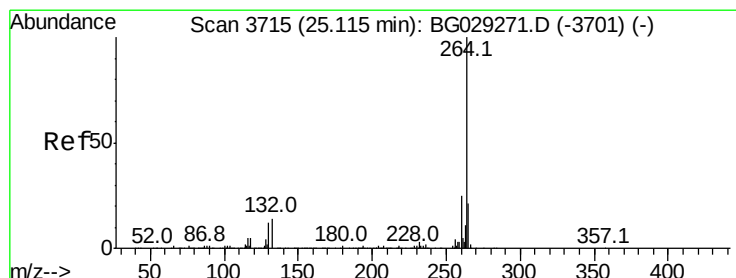
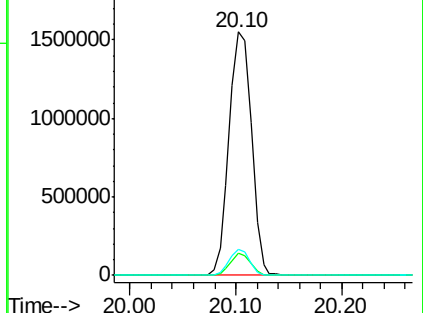
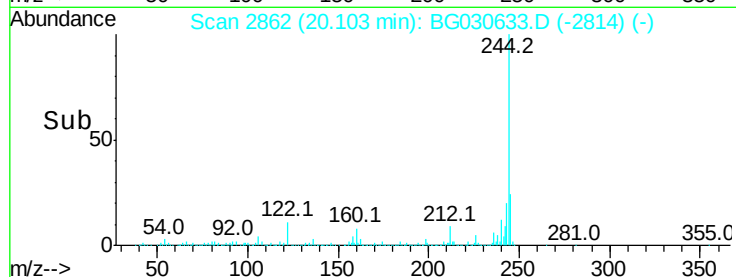
122 10.7 7.0 10.4#



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

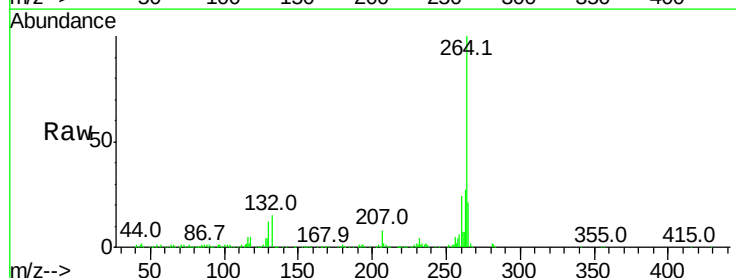
Tgt Ion:264 Resp: 354054

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.7 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

