

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032810.D
 Acq On : 24 Feb 2018 4:23
 Operator : SJ/JU
 Sample : J1660-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3025

Quant Time: Feb 24 06:01:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

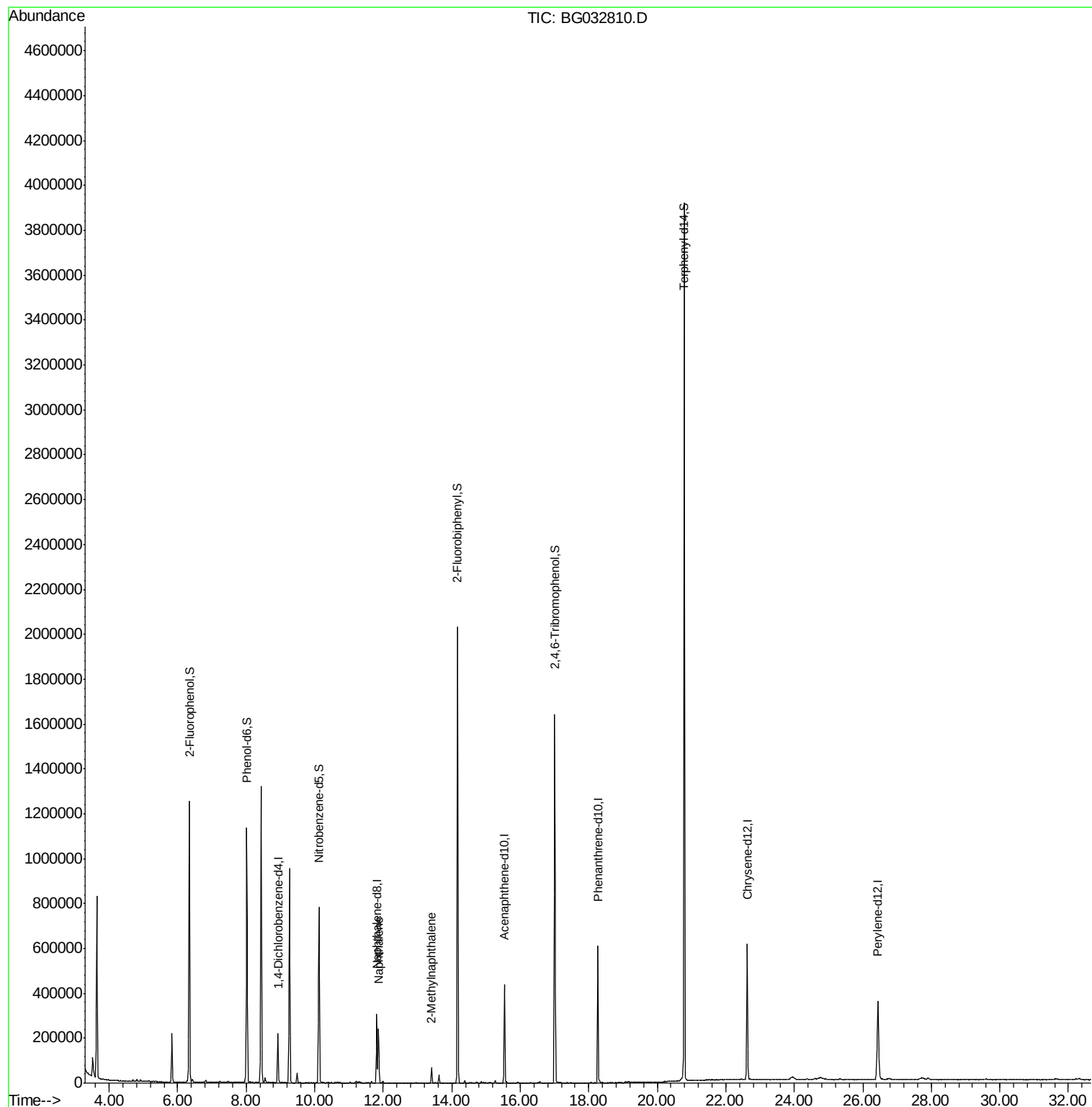
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	65999	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	279803	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	150567	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	371097	20.00	ng	0.00
75) Chrysene-d12	22.62	240	389580	20.00	ng	0.00
86) Perylene-d12	26.44	264	413801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	611972	148.35	ng	0.00
7) Phenol-d6	8.02	99	743431	129.29	ng	0.00
23) Nitrobenzene-d5	10.12	82	495944	118.57	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	292476	184.74	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1043602	99.96	ng	0.00
78) Terphenyl-d14	20.79	244	1807296	104.23	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	223075	15.26	ng	99
37) 2-Methylnaphthalene	13.41	142	33149	3.13	ng	91

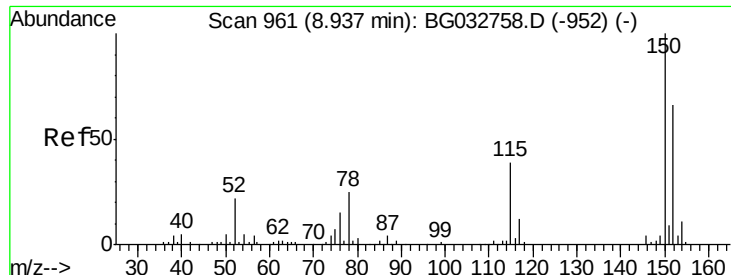
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration



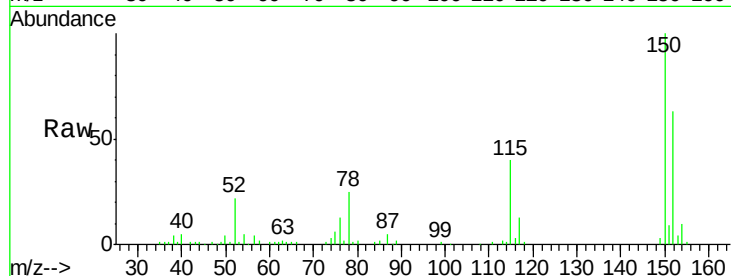


#1

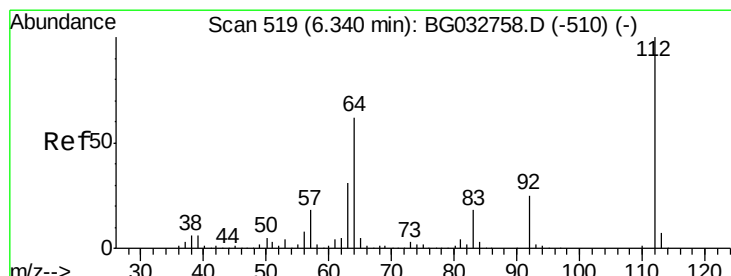
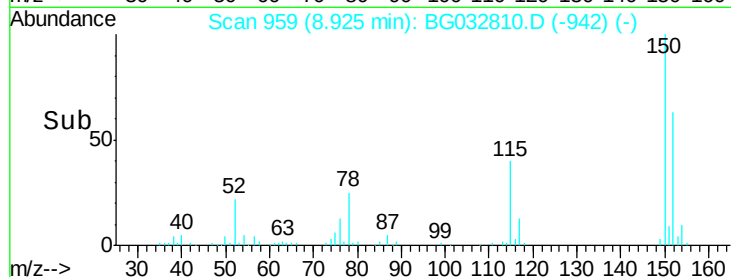
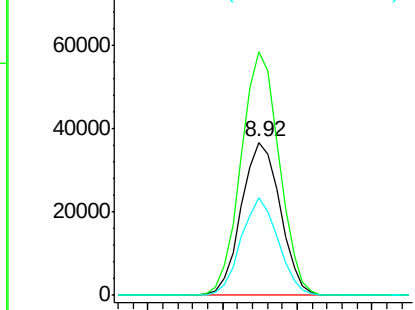
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032810.D
Acq: 24 Feb 2018 4:23

Instrument :
BNA_G
ClientSampleId :
RT-3025

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	64.2	53.0	79.4



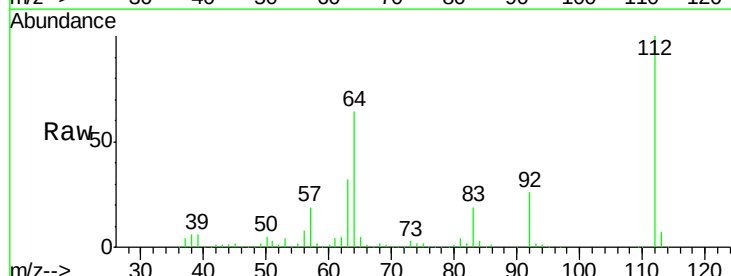
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



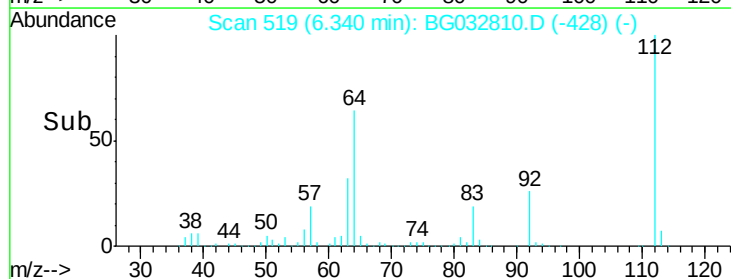
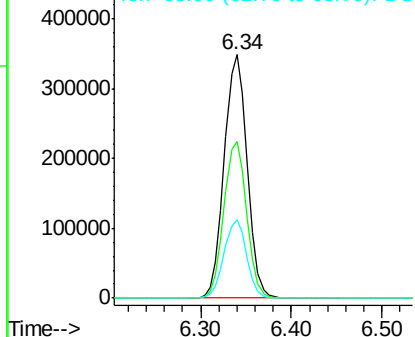
#5

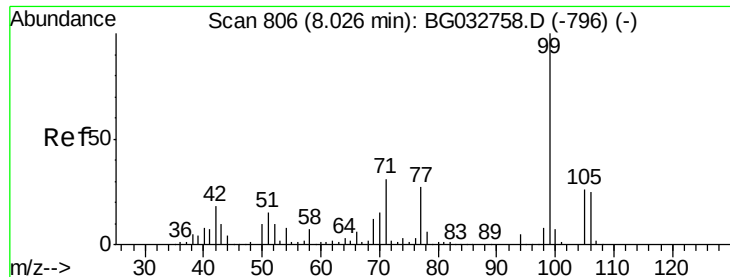
2-Fluorophenol
Concen: 148.35 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG032810.D
Acq: 24 Feb 2018 4:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	32.3	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: 129.29 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

Instrument :

BNA_G

ClientSampled :

RT-3025

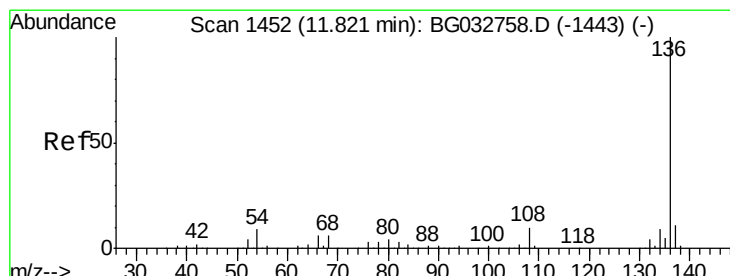
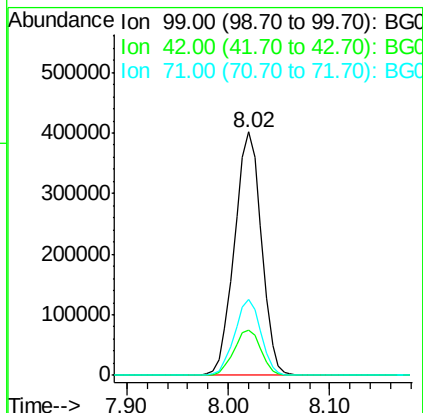
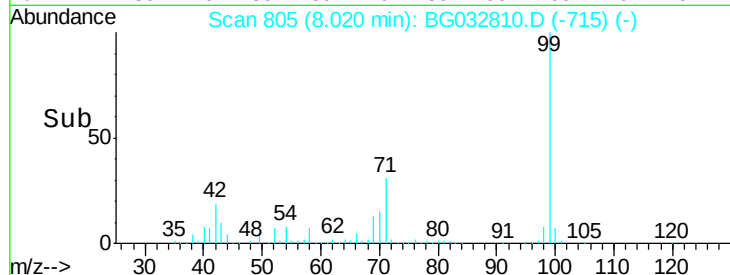
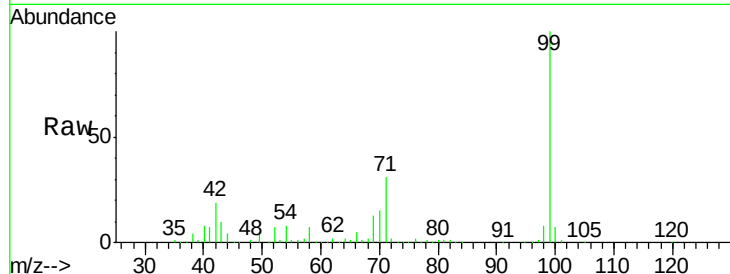
Tot Ion: 99 Resp: 743431

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

71 31.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

Tgt Ion: 136 Resp: 279803

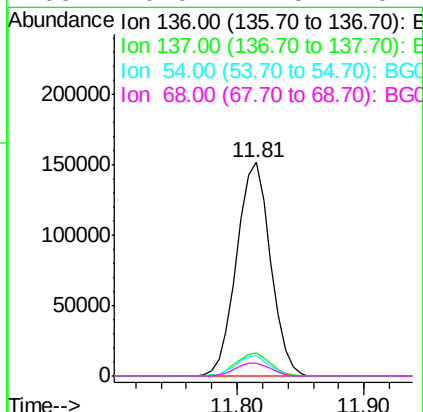
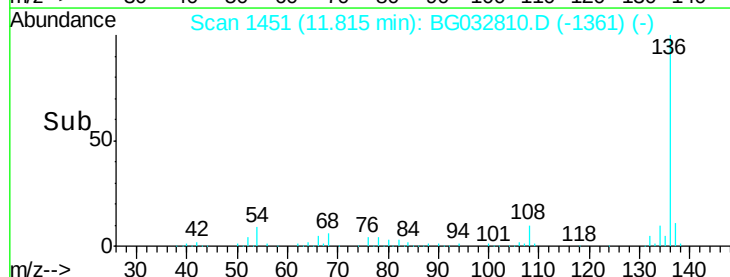
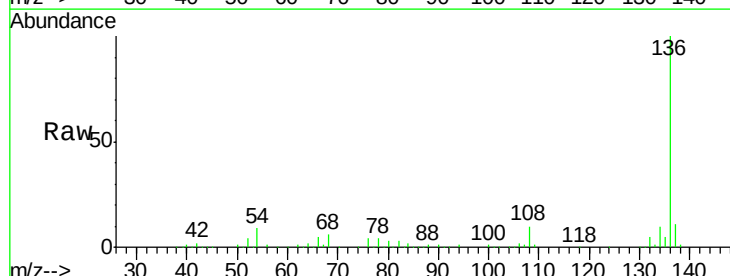
Ion Ratio Lower Upper

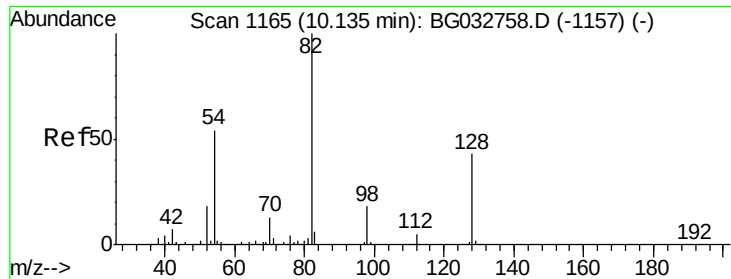
136 100

137 11.0 9.2 13.8

54 9.4 10.3 15.5#

68 6.0 4.5 6.7

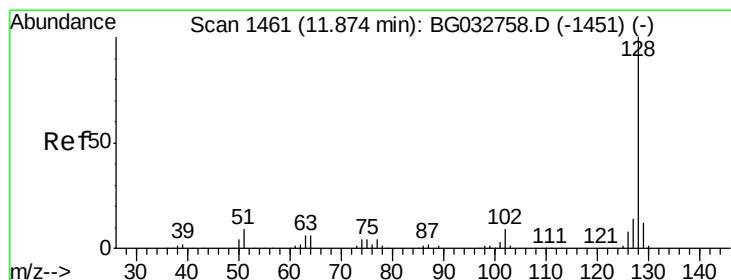
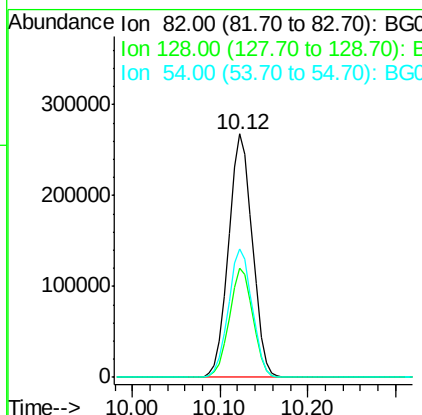
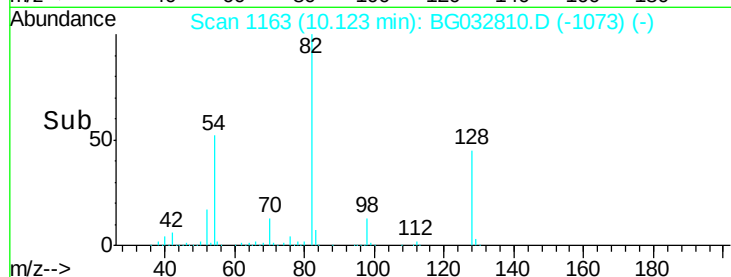
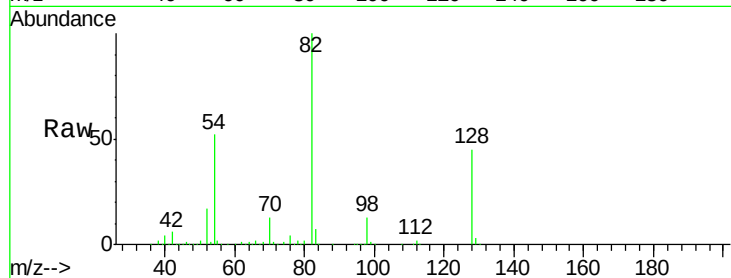




#23
 Nitrobenzene-d5
 Concen: 118.57 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032810.D
 Acq: 24 Feb 2018 4:23

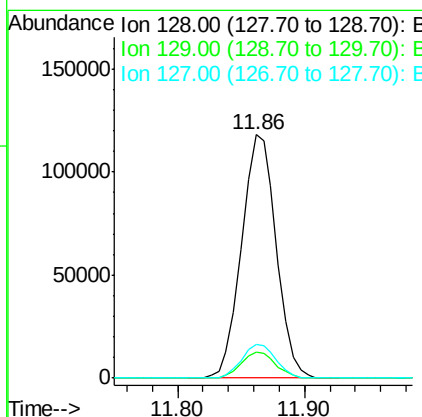
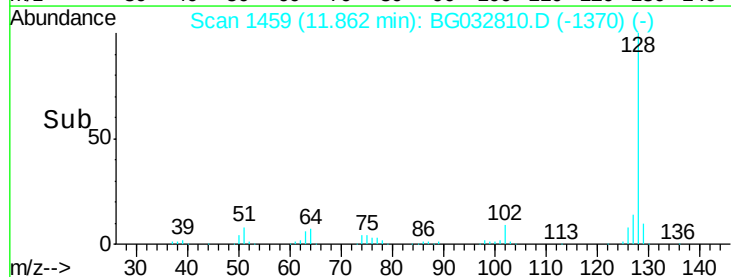
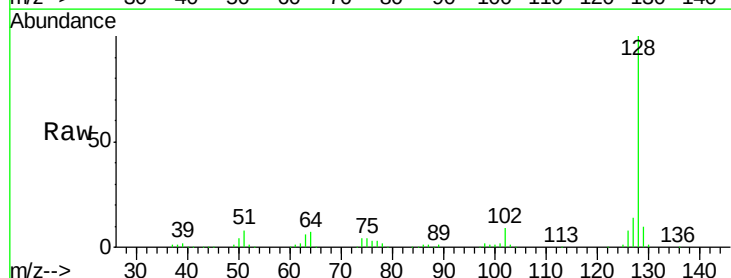
Instrument :
 BNA_G
 ClientSampleId :
 RT-3025

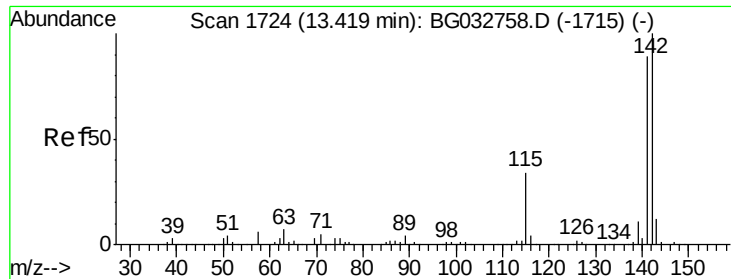
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5
54	52.5	43.1	64.7



#31
 Naphthalene
 Concen: 15.26 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG032810.D
 Acq: 24 Feb 2018 4:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.9	11.6	17.4

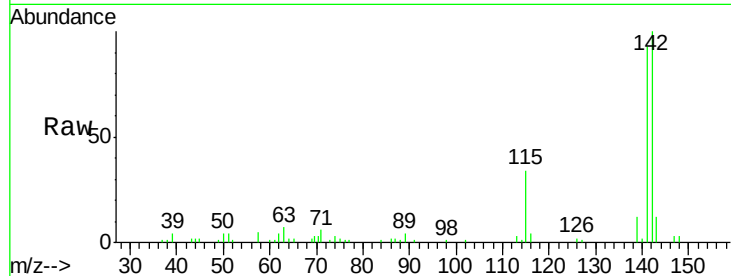




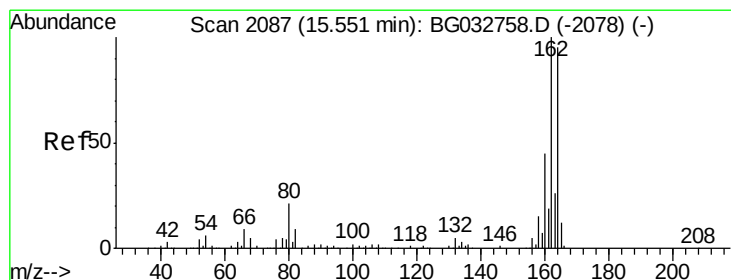
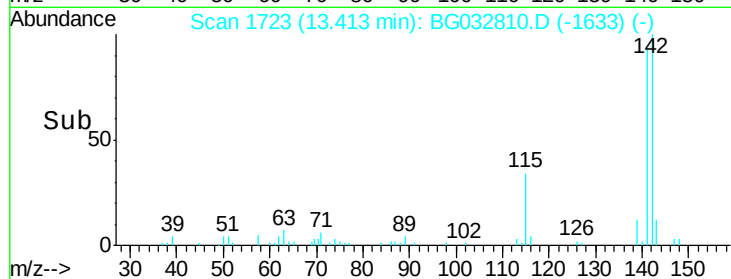
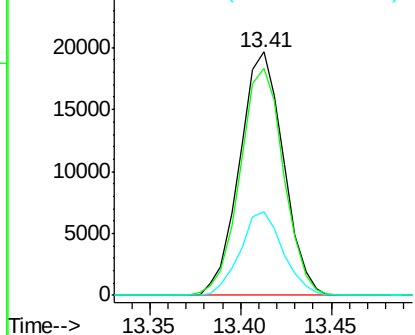
#37
2-Methylnaphthalene
Concen: 3.13 ng
RT: 13.41 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG032810.D
Acq: 24 Feb 2018 4:23

Instrument :
BNA_G
ClientSampled :
RT-3025

Tot Ion:142 Resp: 33149
Ion Ratio Lower Upper
142 100
141 93.0 67.1 100.7
115 34.1 30.7 46.1

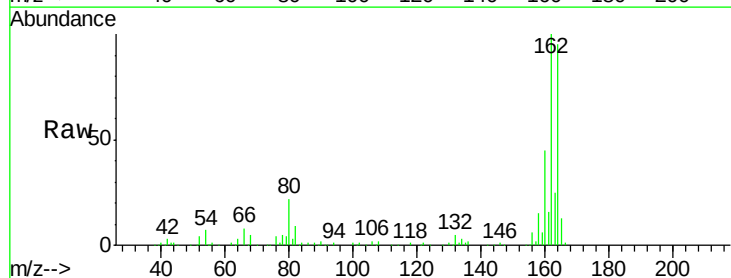


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

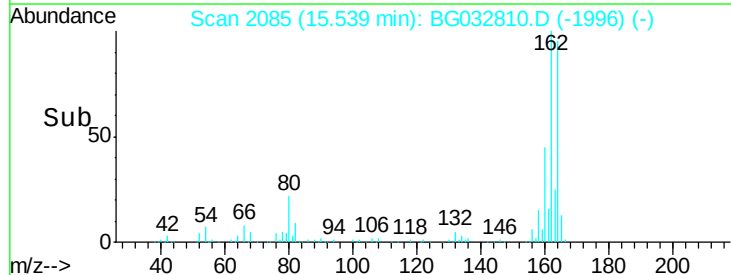
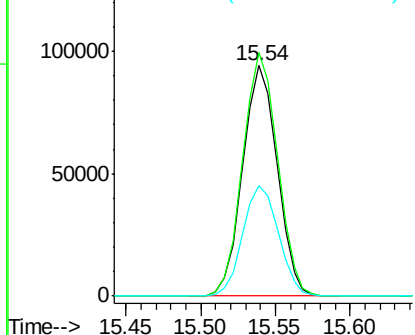


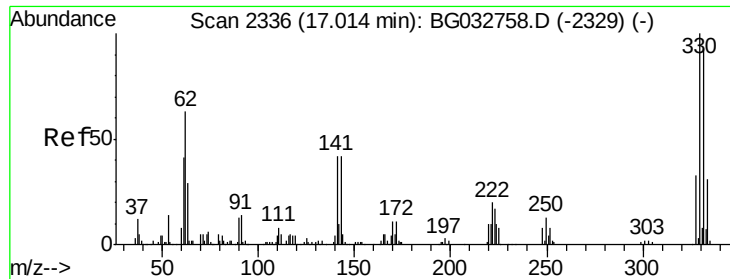
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032810.D
Acq: 24 Feb 2018 4:23

Tgt Ion:164 Resp: 150567
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 48.0 35.4 53.0



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: 184.74 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

Instrument :

BNA_G

ClientSampled :

RT-3025

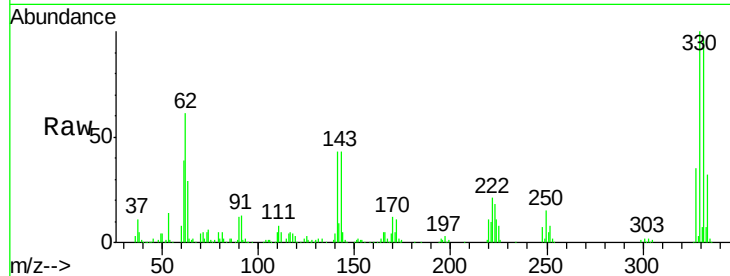
Tot Ion:330 Resp: 292476

Ion Ratio Lower Upper

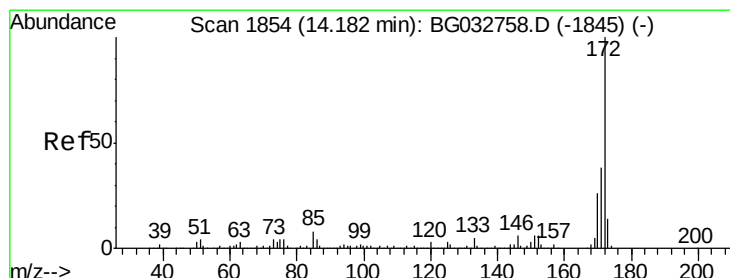
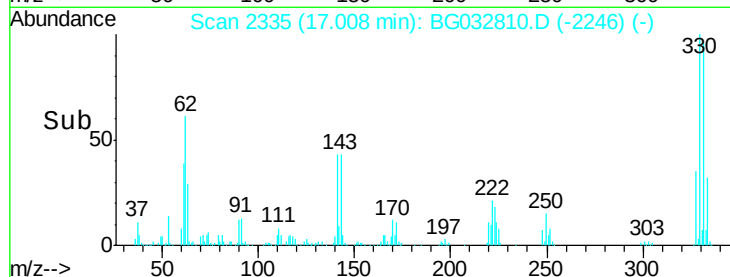
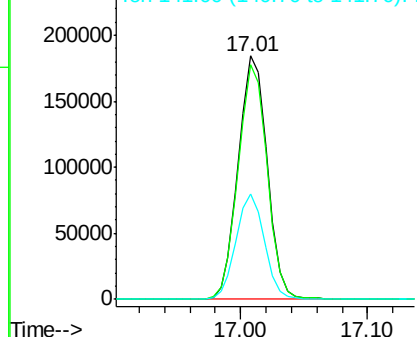
330 100

332 96.7 77.0 115.6

141 42.5 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: 99.96 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

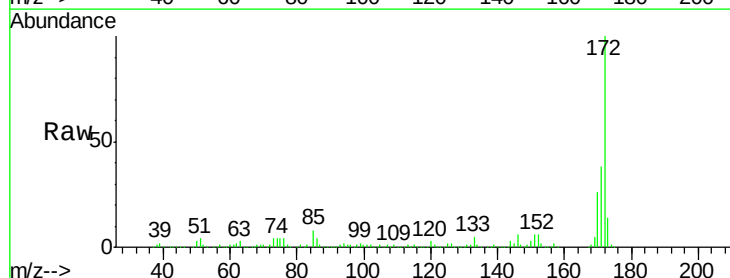
Tgt Ion:172 Resp: 1043602

Ion Ratio Lower Upper

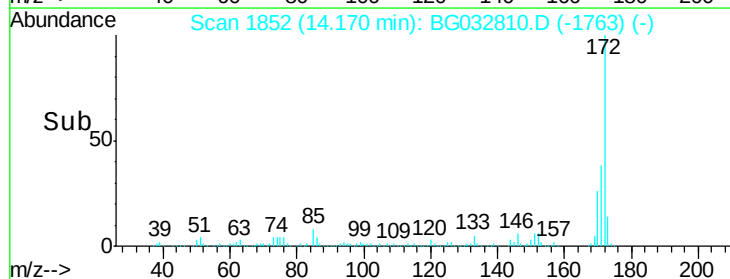
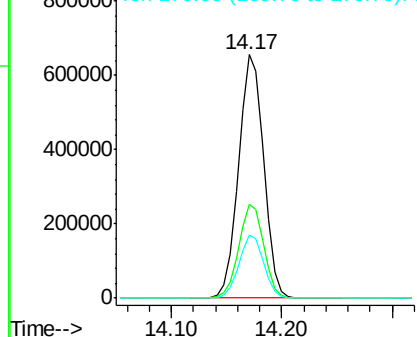
172 100

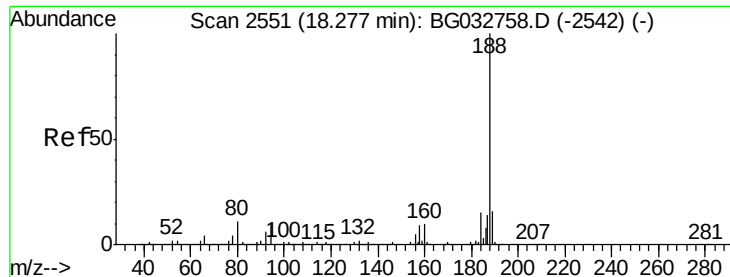
171 38.4 30.0 45.0

170 25.9 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: 20.00 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

Instrument :

BNA_G

ClientSampleId :

RT-3025

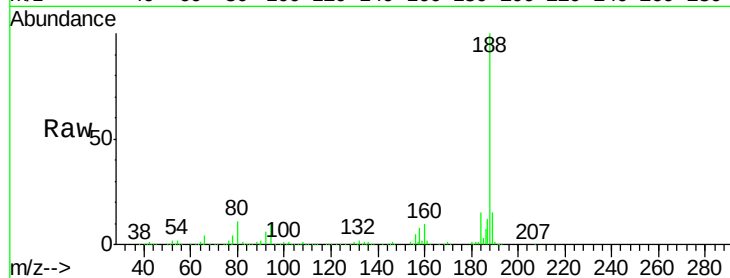
Tot Ion:188 Resp: 371097

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

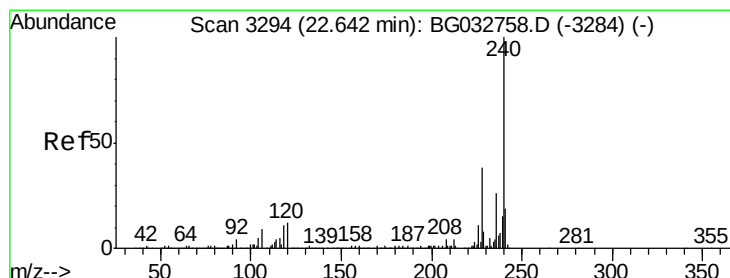
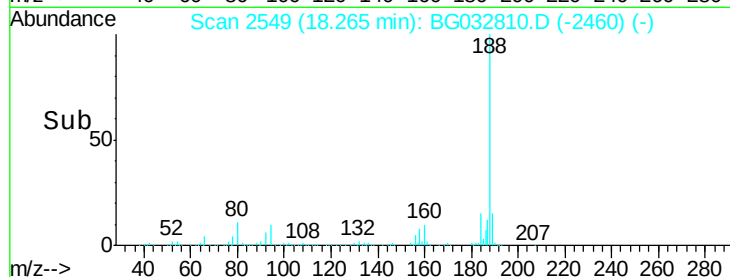
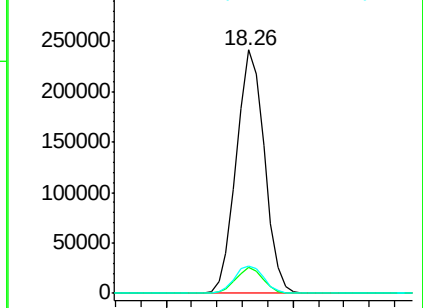
80 11.3 7.7 11.5



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: 20.00 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

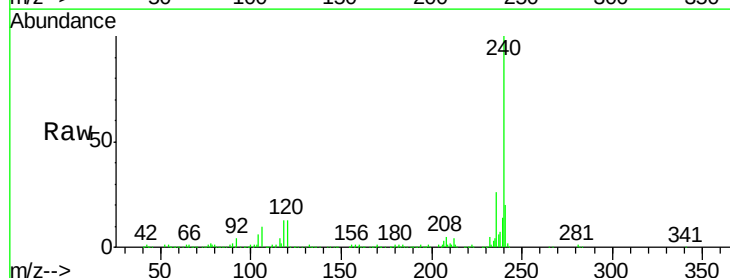
Tgt Ion:240 Resp: 389580

Ion Ratio Lower Upper

240 100

120 12.6 6.8 10.2#

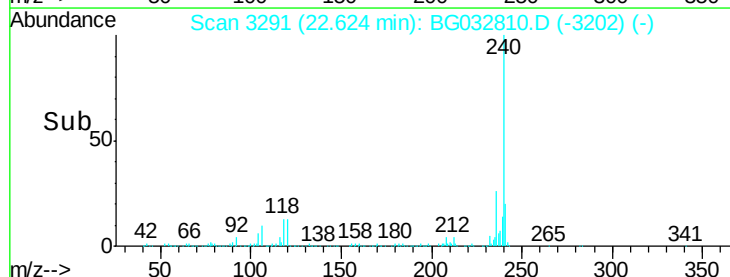
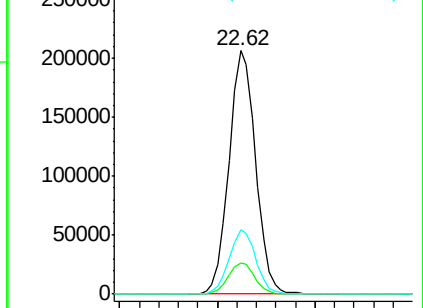
236 26.3 20.9 31.3

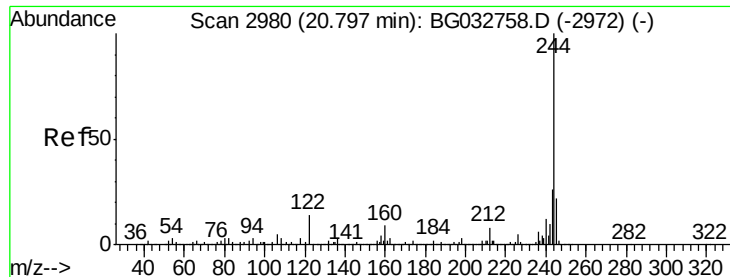


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.23 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

Instrument :

BNA_G

ClientSampleId :

RT-3025

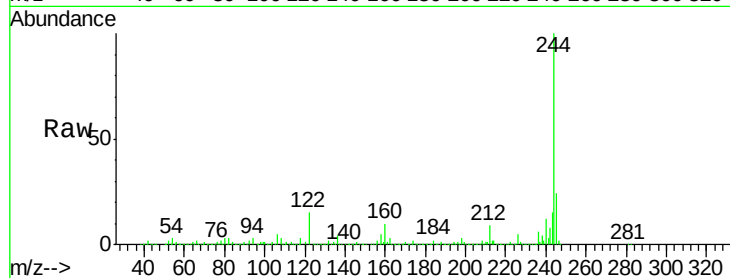
Tot Ion:244 Resp: 1807296

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

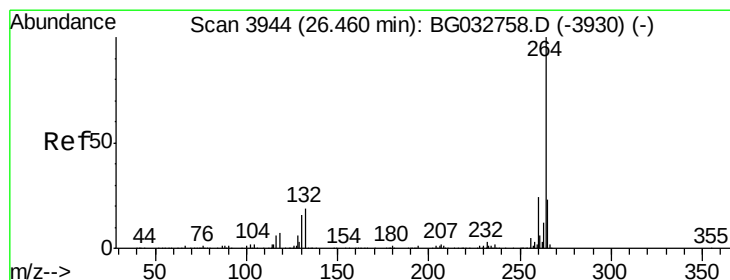
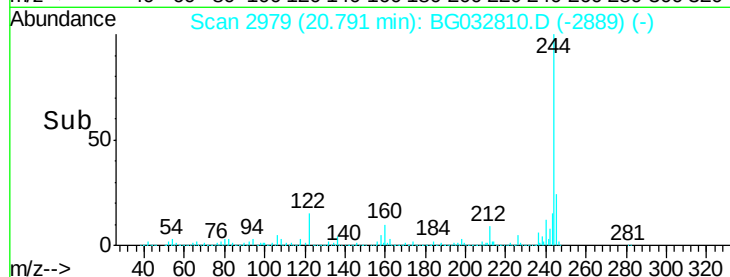
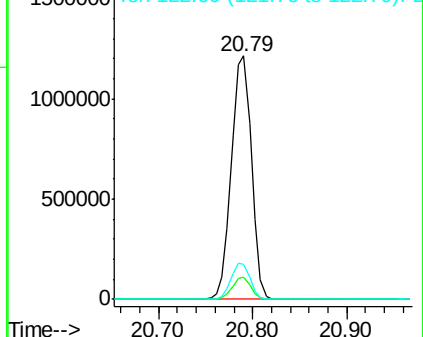
122 14.5 7.0 10.4#



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: 20.00 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.01 min

Lab File: BG032810.D

Acq: 24 Feb 2018 4:23

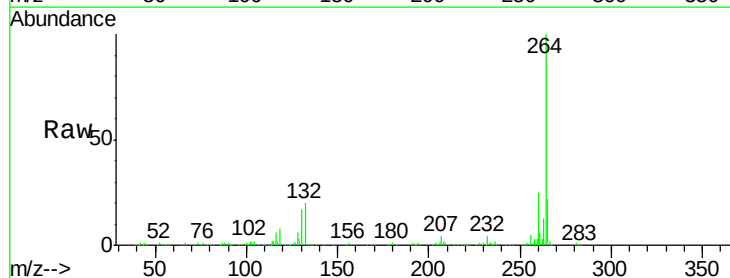
Tgt Ion:264 Resp: 413801

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.6 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

