

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037827.D
 Acq On : 6 Nov 2018 7:02
 Operator : JU/SJ
 Sample : J5750-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7C

Quant Time: Nov 06 08:26:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

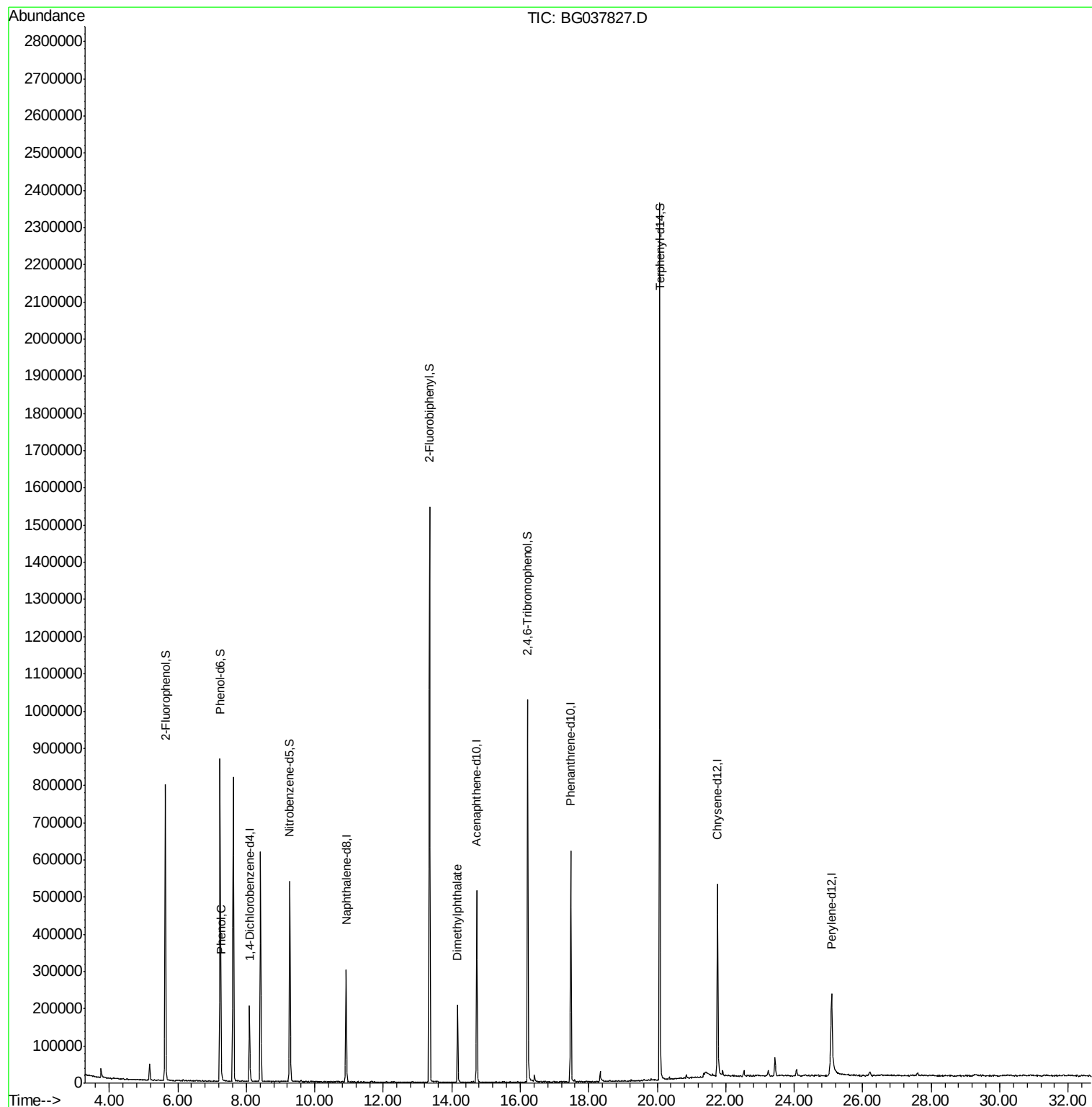
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61753	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	282906	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	186015	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	404943	20.00	ng	0.00
76) Chrysene-d12	21.76	240	364320	20.00	ng	-0.01
87) Perylene-d12	25.09	264	326924	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382243	103.49	ng	0.00
7) Phenol-d6	7.24	99	571003	102.23	ng	-0.01
23) Nitrobenzene-d5	9.27	82	351039	69.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	194829	96.03	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	860837	69.78	ng	-0.01
79) Terphenyl-d14	20.07	244	1163036	68.21	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	35686	6.056	ng	94
50) Dimethylphthalate	14.18	163	152483	10.596	ng	99

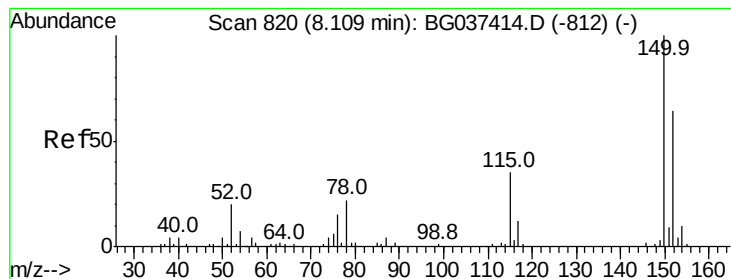
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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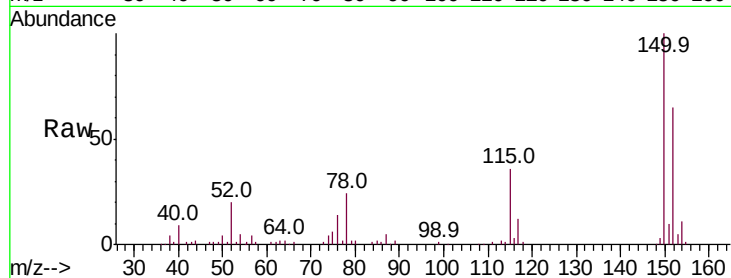


#1

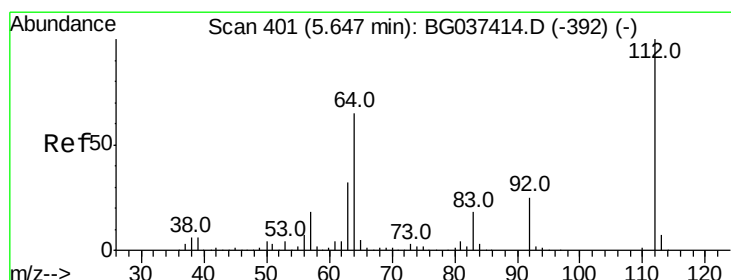
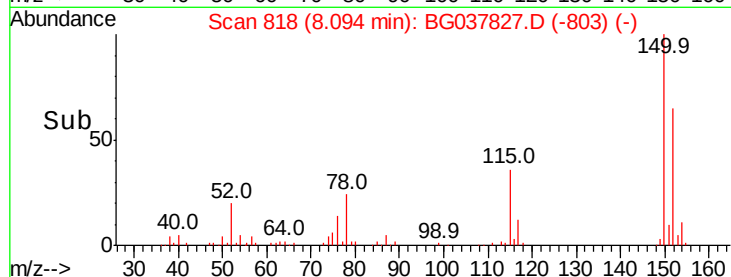
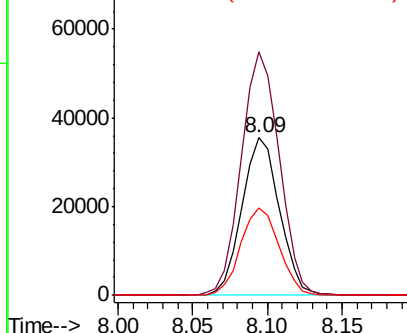
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

Instrument :
BNA_G
ClientSampleId :
7C

Tot Ion:152 Resp: 61753
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 55.6 45.5 68.3



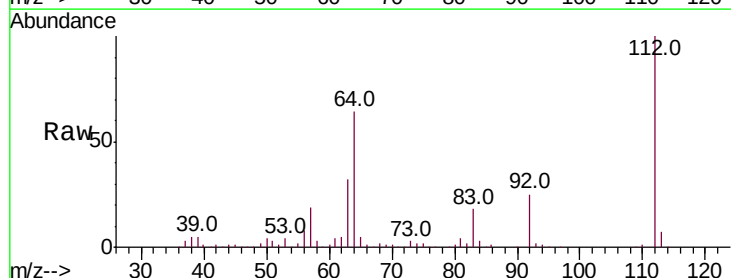
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



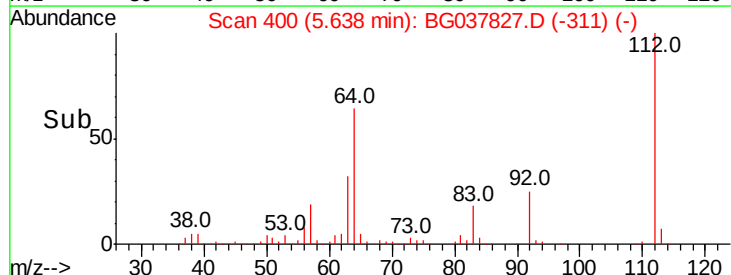
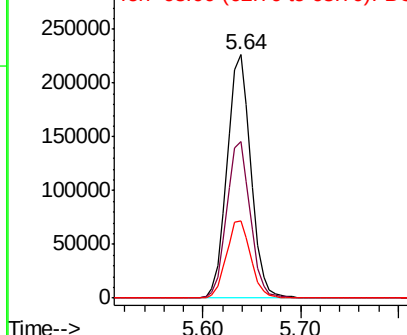
#5

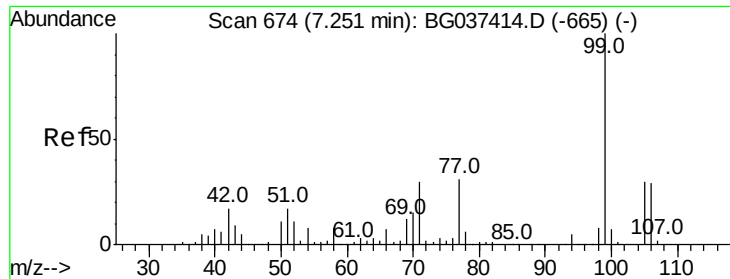
2-Fluorophenol
Concen: 103.486 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

Tgt Ion:112 Resp: 382243
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 31.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.233 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

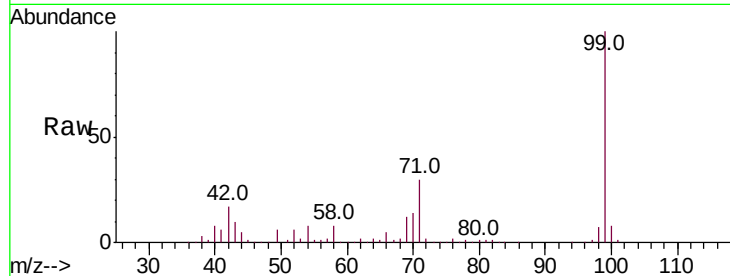
Tot Ion: 99 Resp: 571003

Ion Ratio Lower Upper

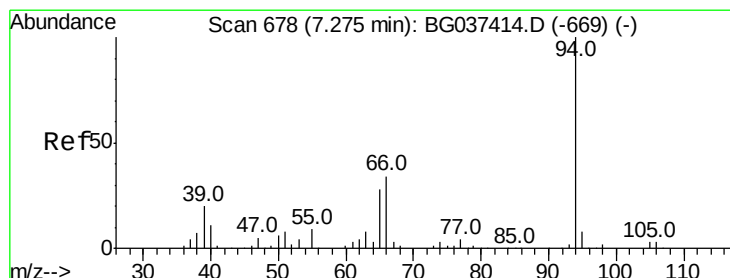
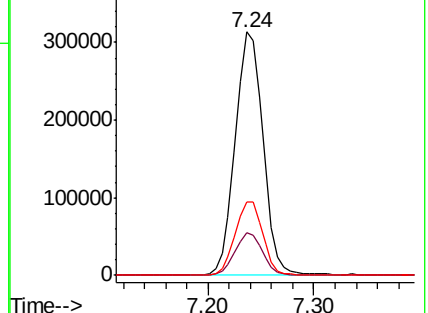
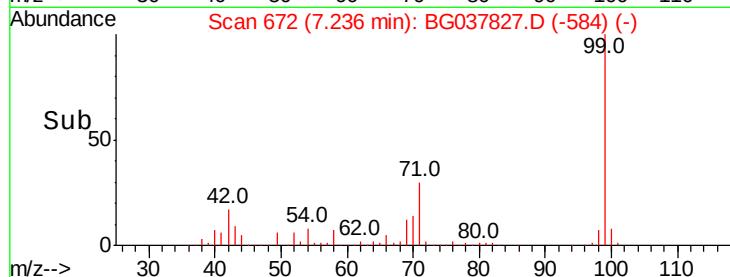
99 100

42 17.4 15.0 22.4

71 30.2 25.5 38.3



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: 6.056 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

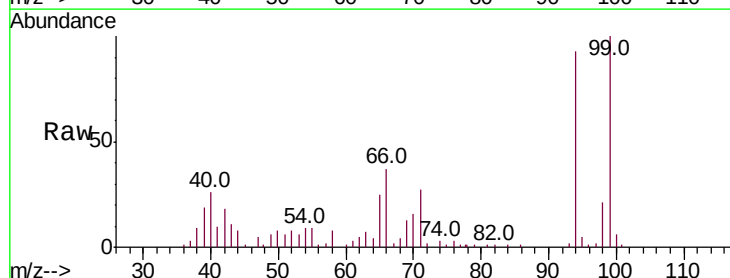
Tgt Ion: 94 Resp: 35686

Ion Ratio Lower Upper

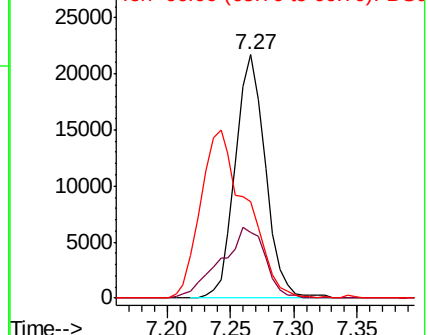
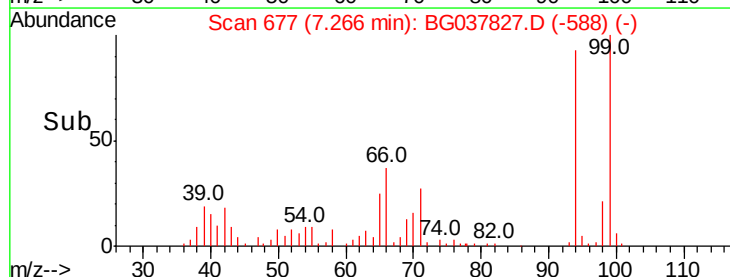
94 100

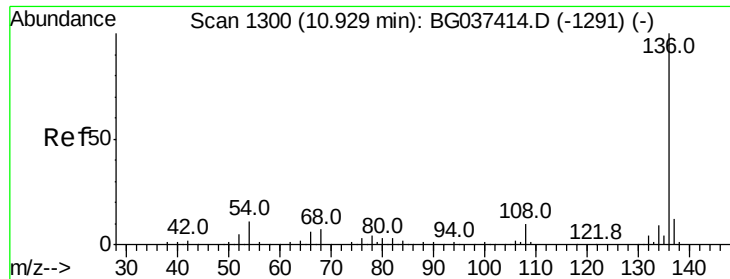
65 26.9 9.7 49.7

66 39.4 15.9 55.9



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

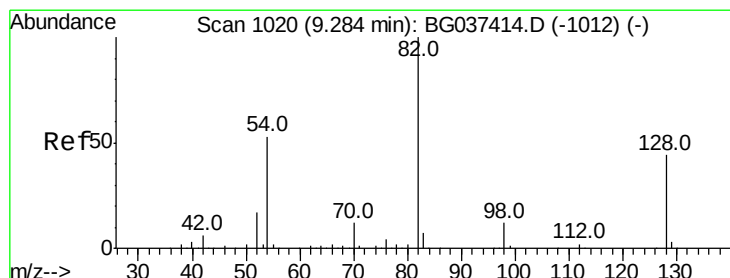
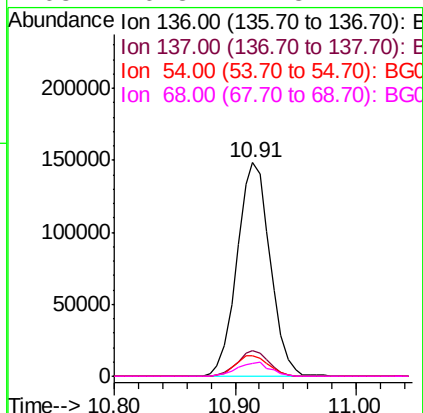
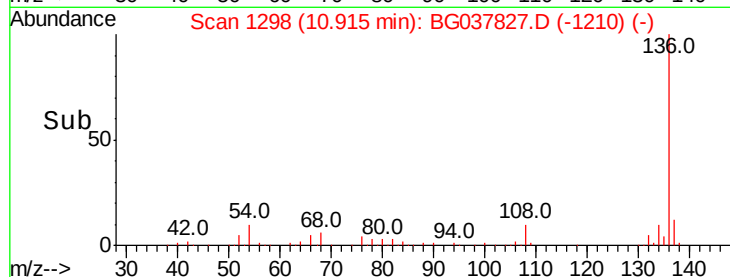
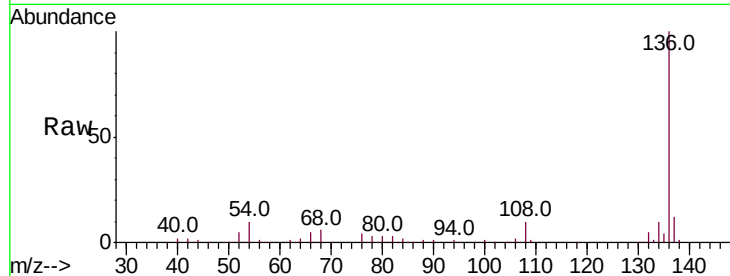




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

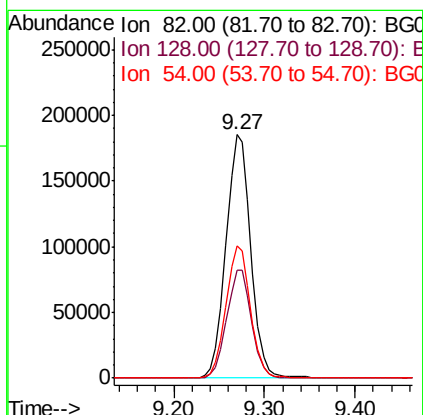
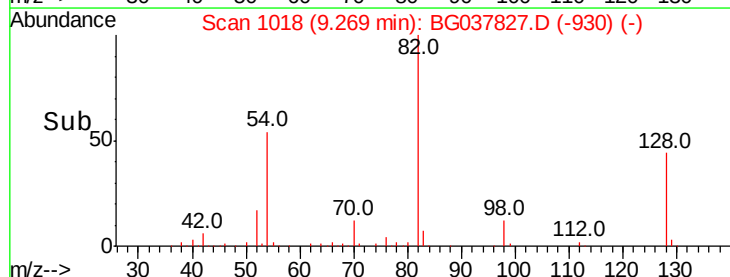
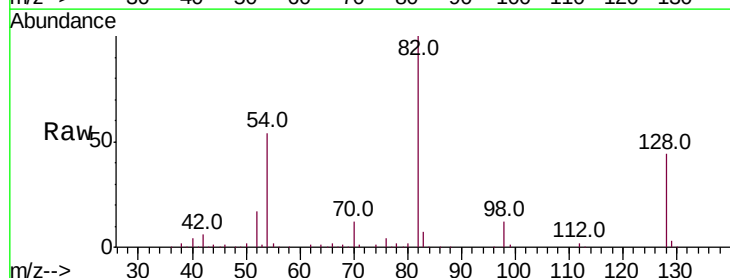
Instrument :
BNA_G
ClientSampleId :
7C

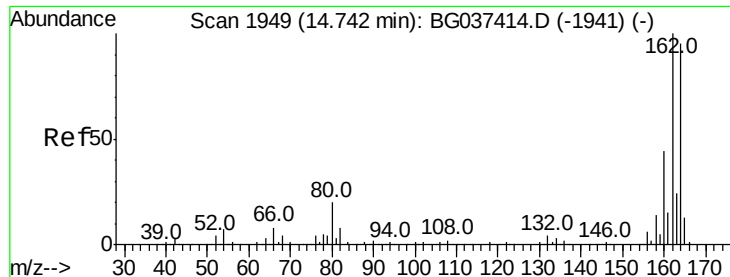
Tot Ion:	136	Resp:	282906
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.8	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 69.510 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

Tgt Ion:	82	Resp:	351039
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

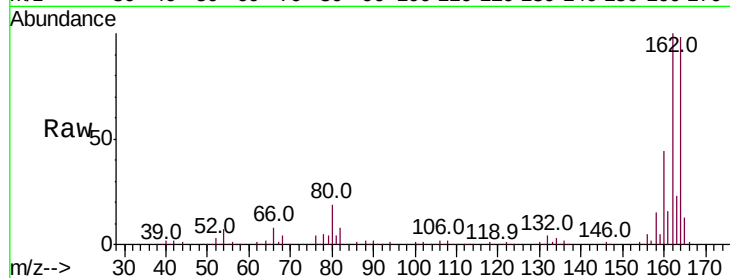
Tot Ion:164 Resp: 186015

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

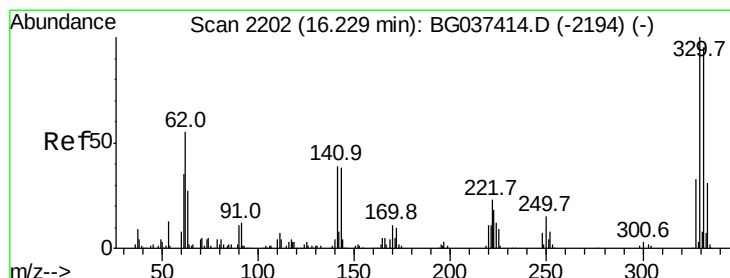
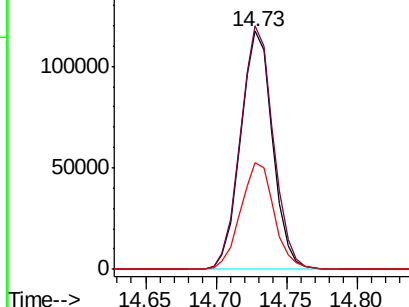
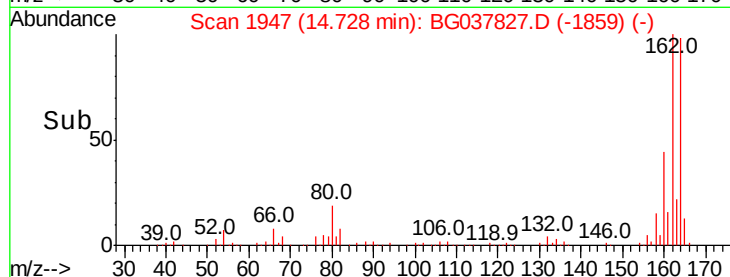
160 44.7 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 96.029 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

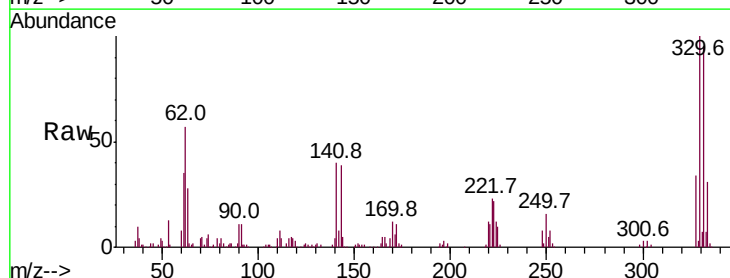
Tgt Ion:330 Resp: 194829

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

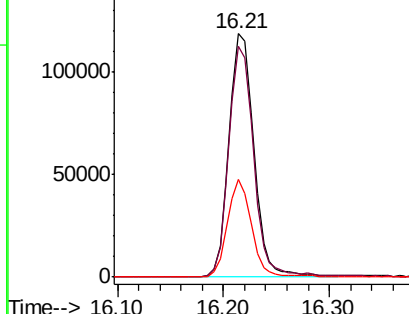
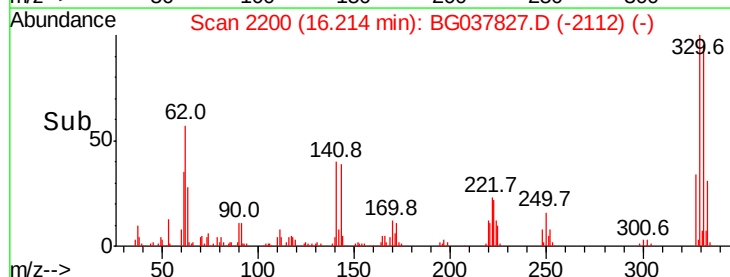
141 38.7 32.2 48.2

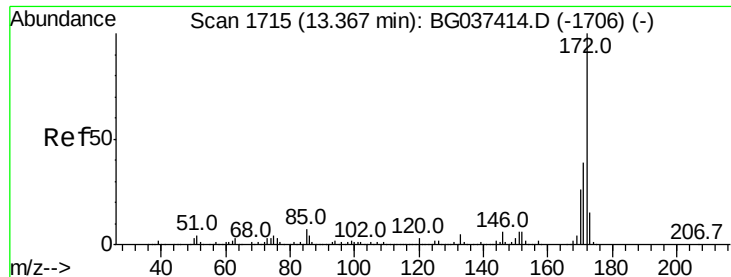


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

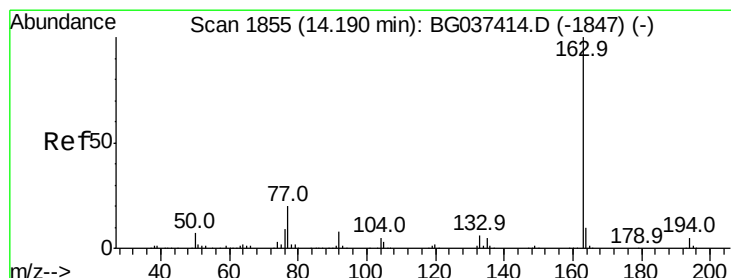
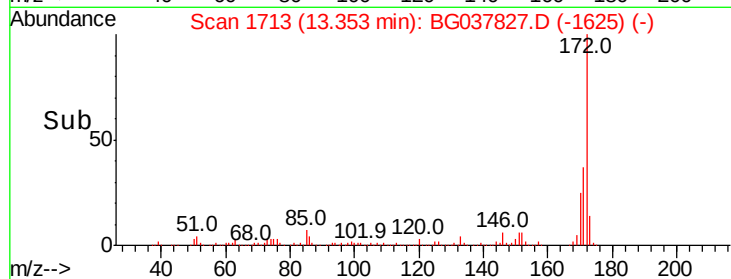
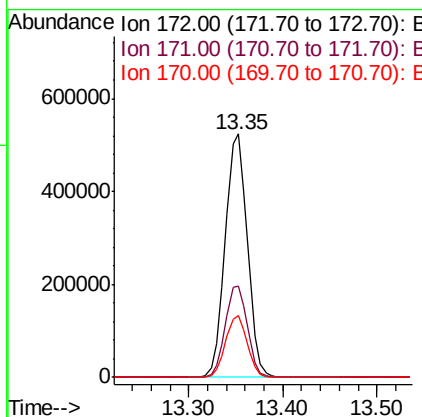
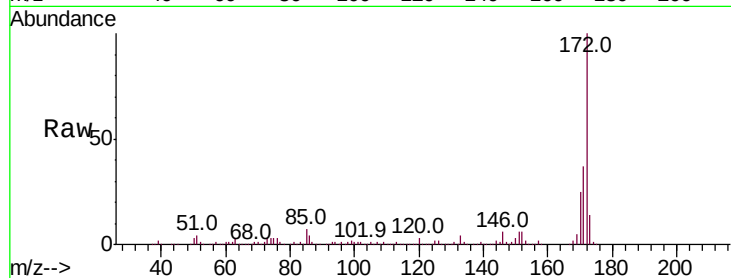




#45
 2-Fluorobiphenyl
 Concen: 69.784 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

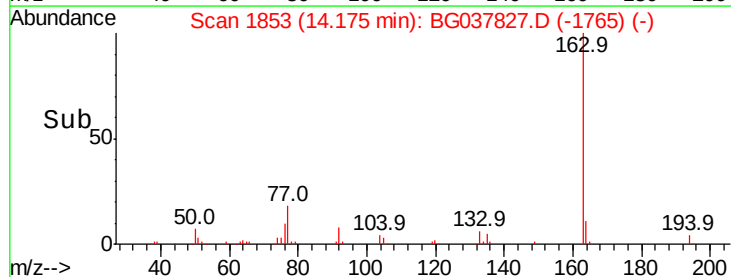
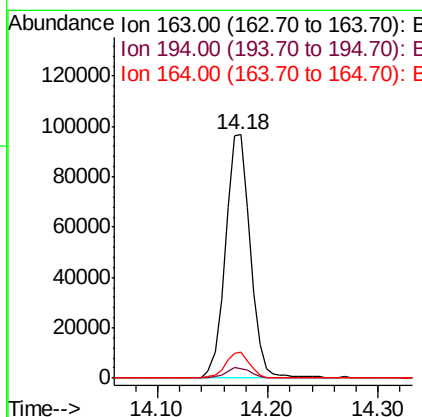
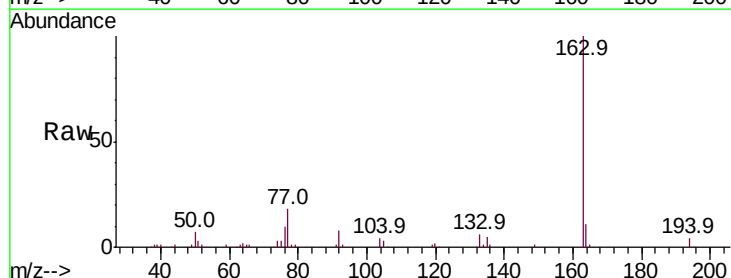
Instrument :
 BNA_G
 ClientSampleId :
 7C

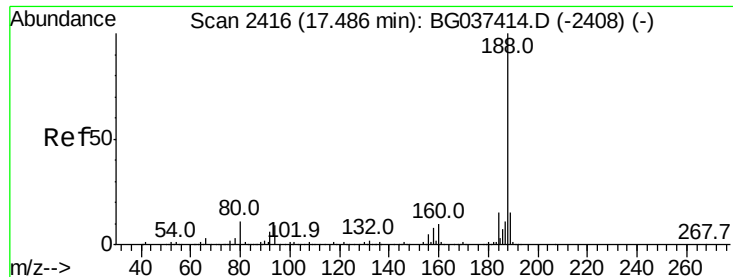
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	25.4	20.2	30.2



#50
 Dimethylphthalate
 Concen: 10.596 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.6	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

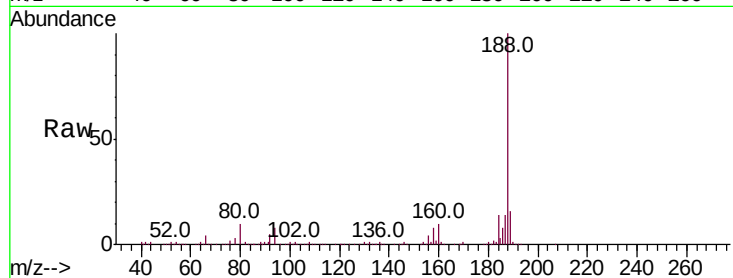
Tot Ion:188 Resp: 404943

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

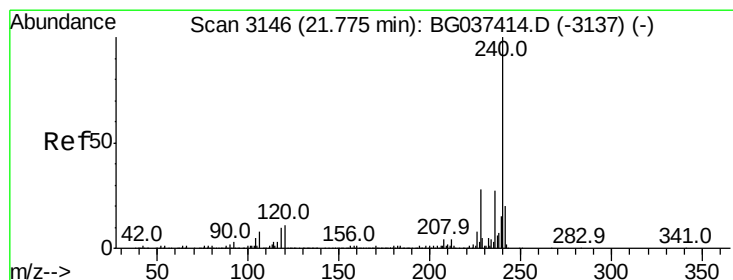
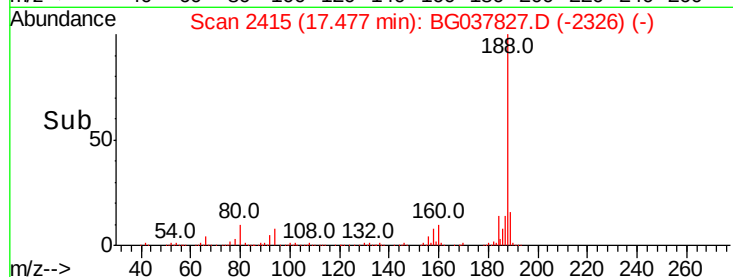
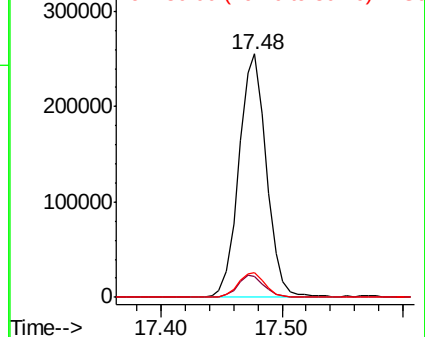
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

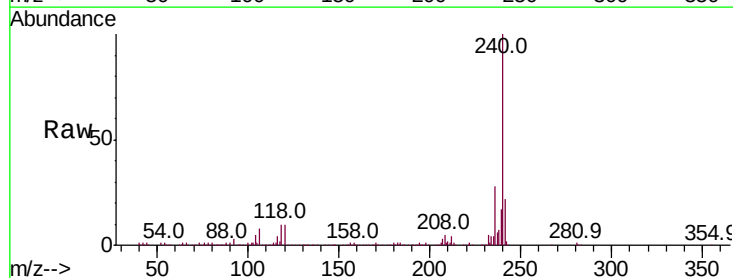
Tgt Ion:240 Resp: 364320

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

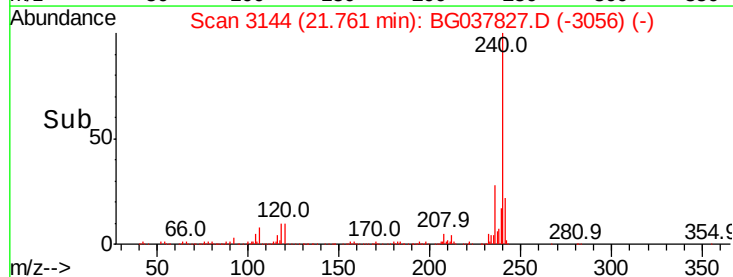
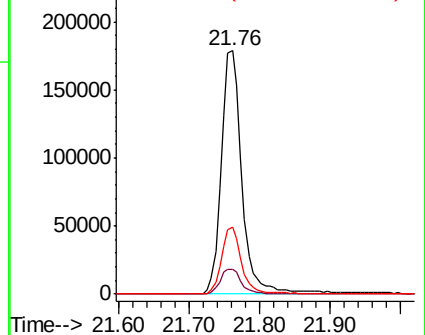
236 27.7 21.4 32.0

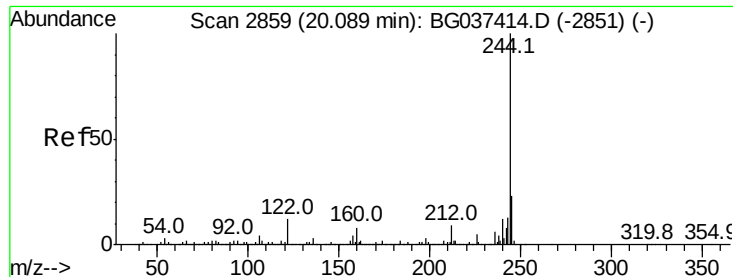


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.213 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

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ClientSampleId :

7C

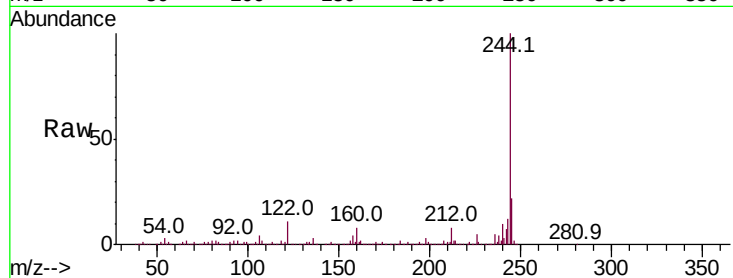
Tot Ion:244 Resp: 1163036

Ion Ratio Lower Upper

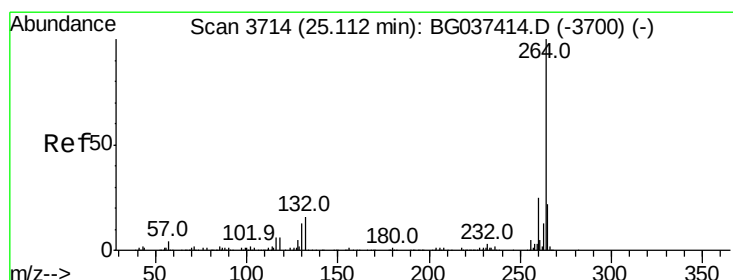
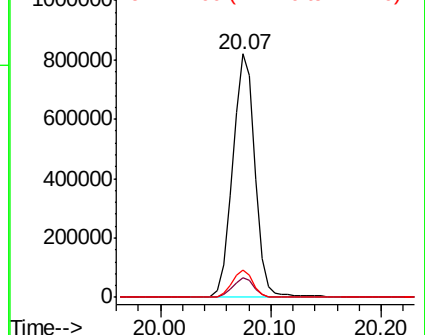
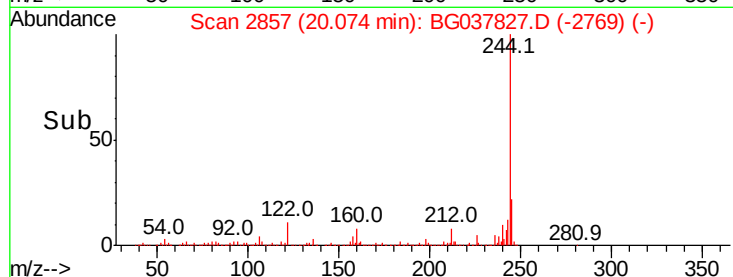
244 100

212 7.9 6.5 9.7

122 11.3 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

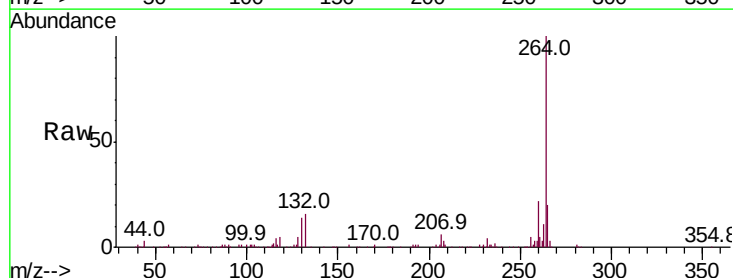
Tgt Ion:264 Resp: 326924

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 19.6 17.9 26.9



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

