

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037588.D
 Acq On : 26 Oct 2018 19:49
 Operator : JU/SJ
 Sample : J5649-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-02A

Quant Time: Oct 27 03:56:53 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

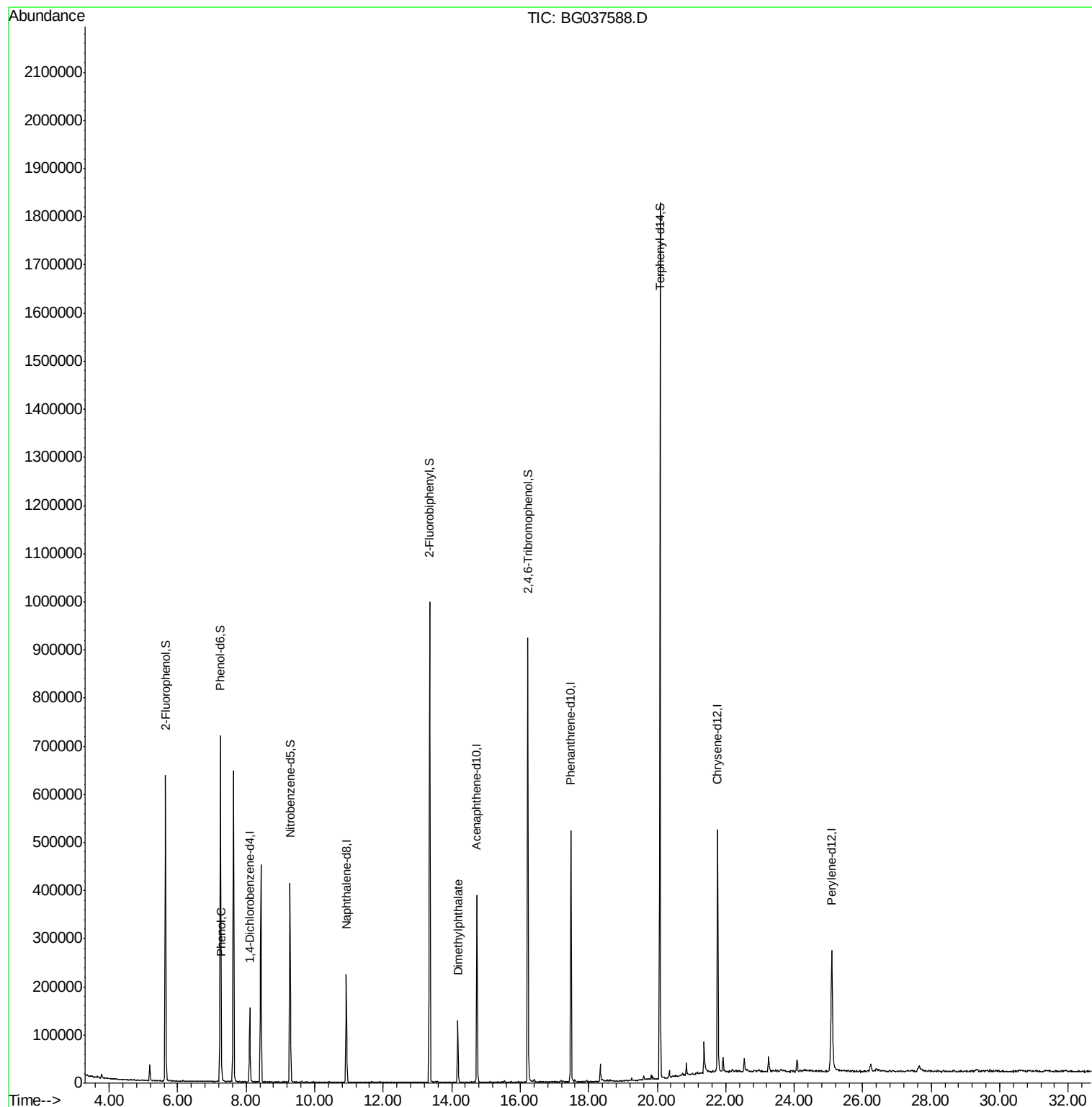
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	46838	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	203482	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	137708	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	342157	20.00	ng	0.00
76) Chrysene-d12	21.76	240	316960	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302715	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	300925	107.41	ng	0.00
7) Phenol-d6	7.24	99	448571	105.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	256904	70.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	162186	107.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	570307	62.45	ng	0.00
79) Terphenyl-d14	20.08	244	899777	60.66	ng	0.00
Target Compounds						
10) Phenol	7.27	94	41575	9.301	ng	99
50) Dimethylphthalate	14.18	163	92409	8.674	ng	98

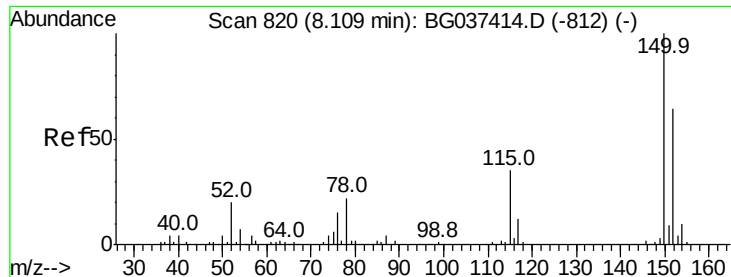
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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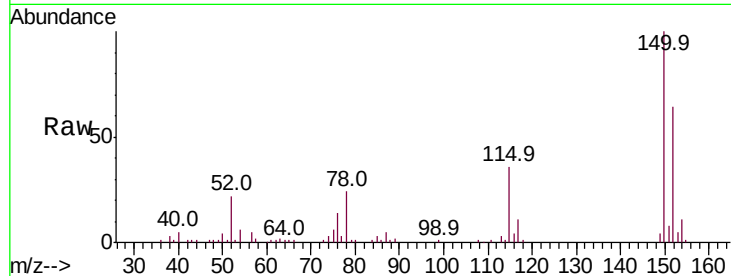


#1

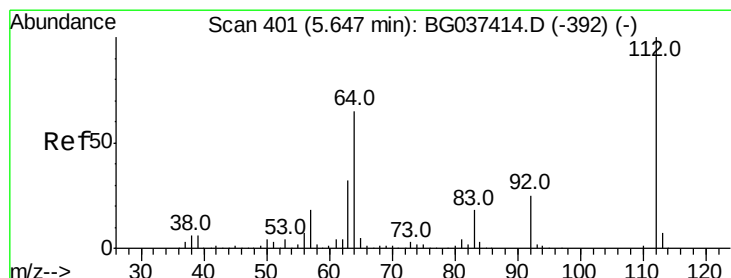
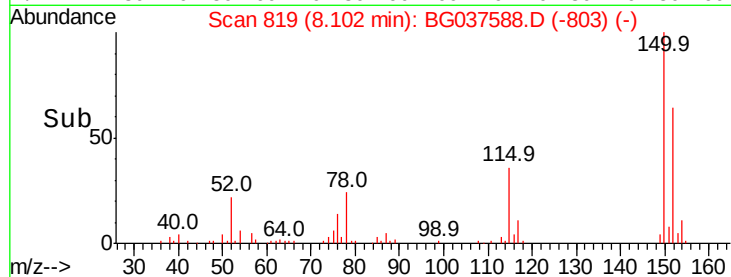
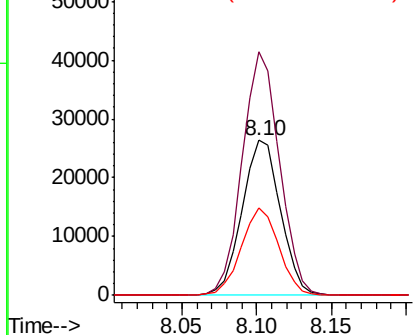
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Instrument :
BNA_G
ClientSampled :
DL-02A

Tot Ion:152 Resp: 46838
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 56.6 45.5 68.3



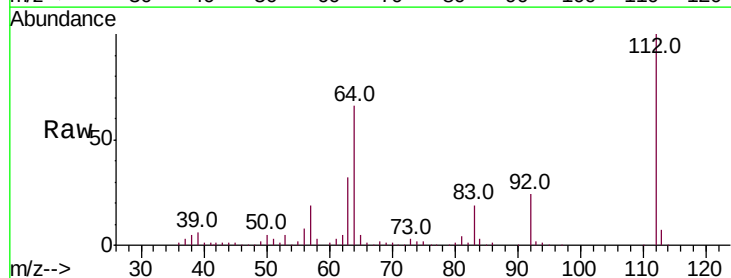
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



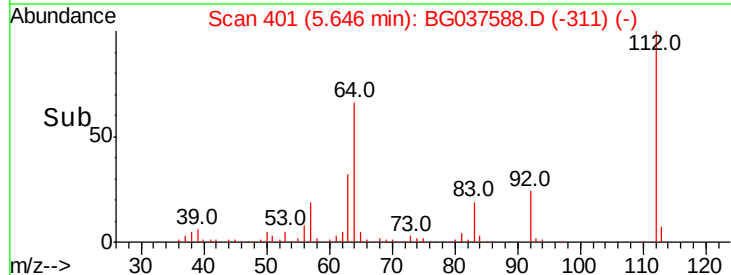
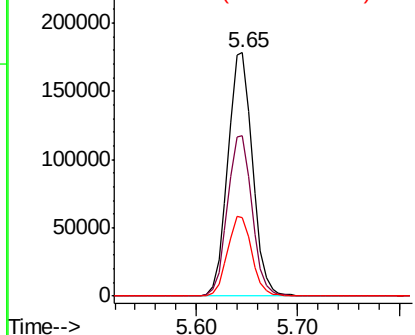
#5

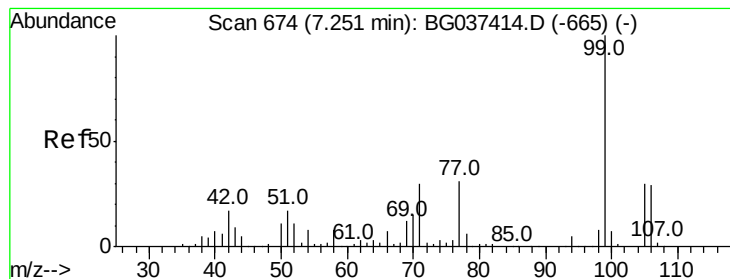
2-Fluorophenol
Concen: 107.413 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Tgt Ion:112 Resp: 300925
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 32.4 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: 105.887 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

DL-02A

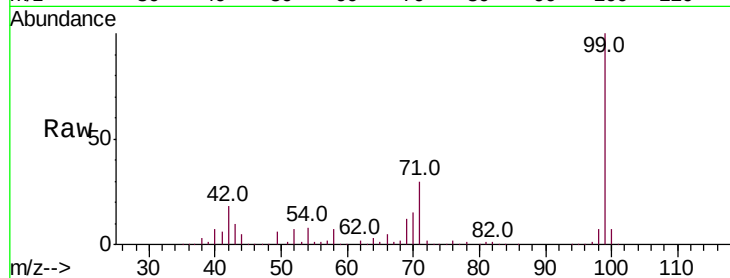
Tot Ion: 99 Resp: 448571

Ion Ratio Lower Upper

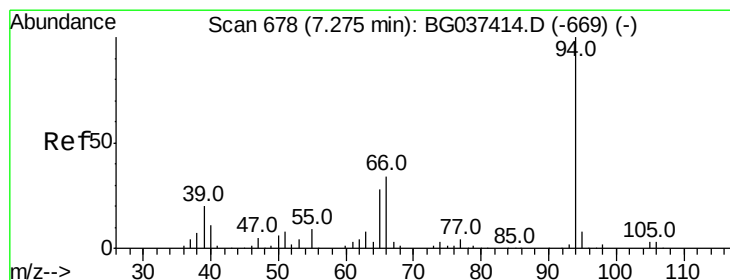
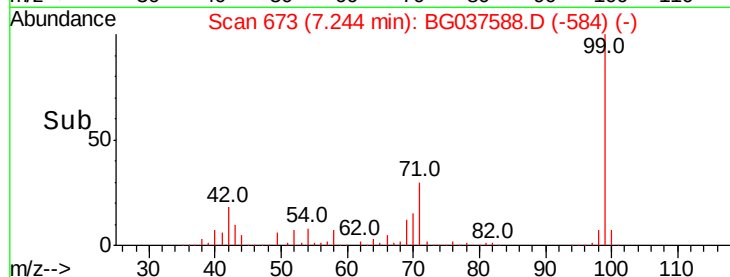
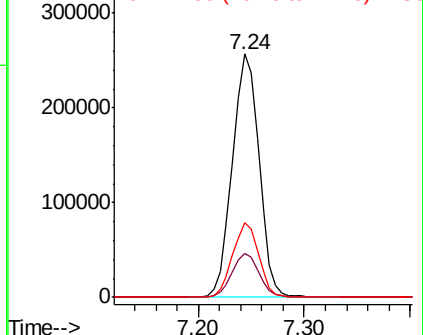
99 100

42 17.8 15.0 22.4

71 30.5 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: 9.301 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

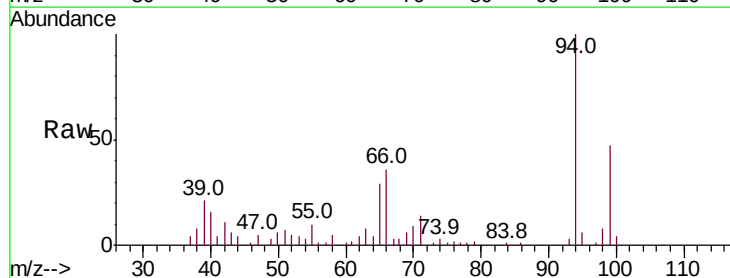
Tgt Ion: 94 Resp: 41575

Ion Ratio Lower Upper

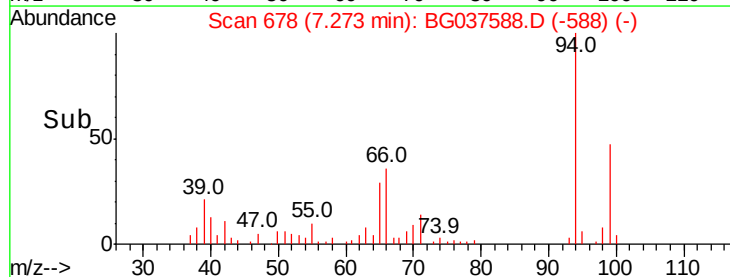
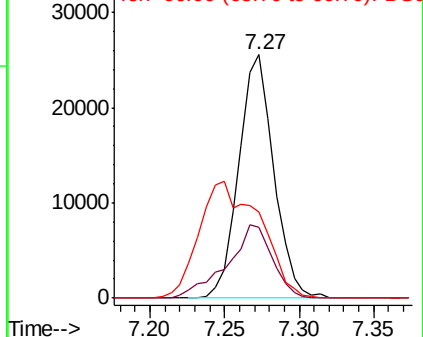
94 100

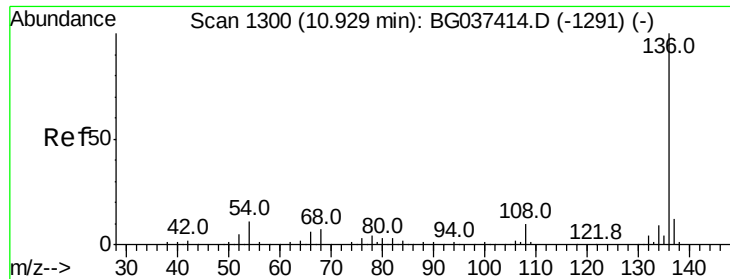
65 29.2 9.7 49.7

66 35.6 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

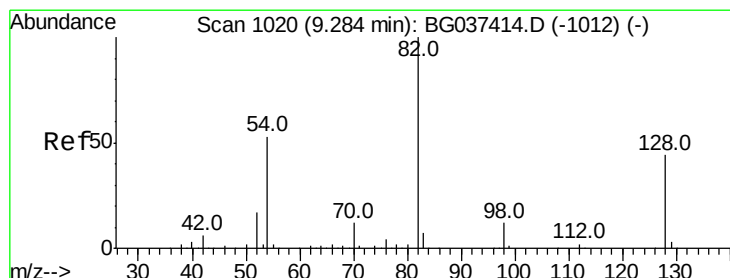
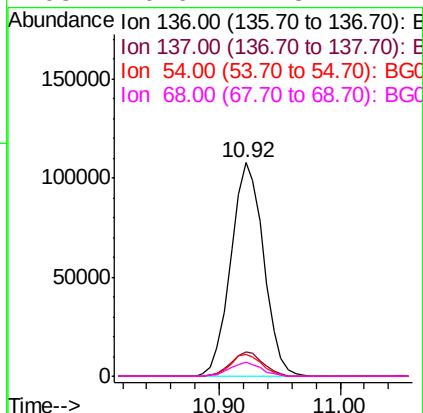
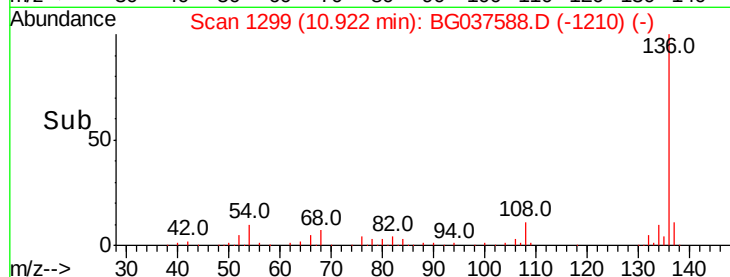
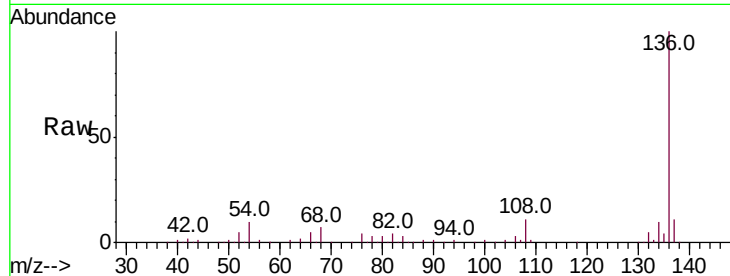




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

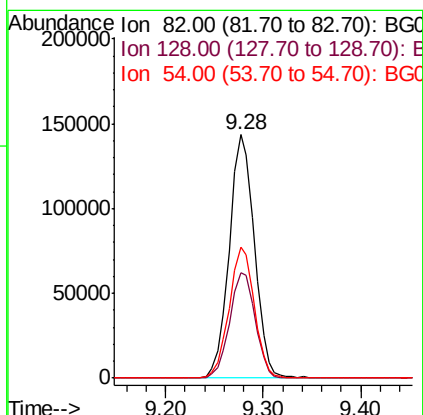
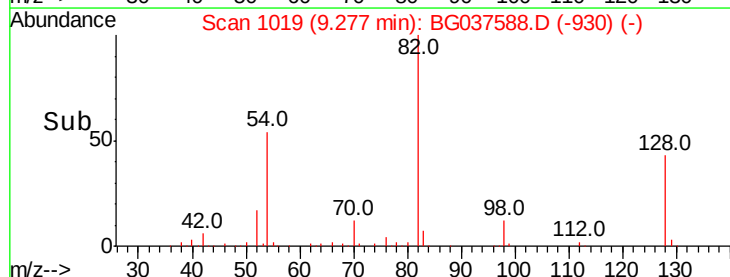
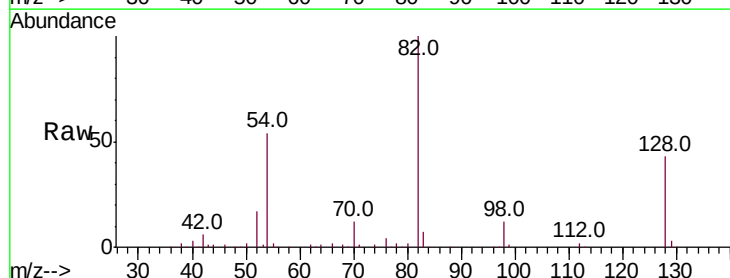
Instrument :
BNA_G
ClientSampleId :
DL-02A

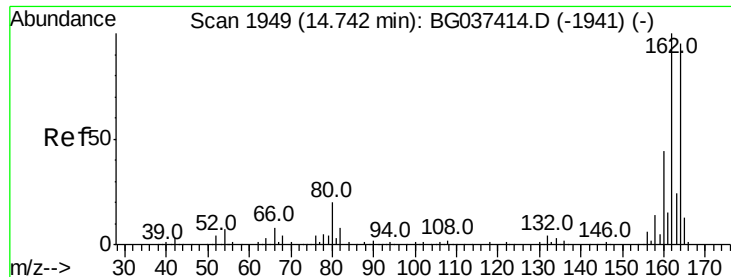
Tot Ion:	136	Resp:	203482
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.5	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 70.726 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Tgt Ion:	82	Resp:	256904
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	53.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

DL-02A

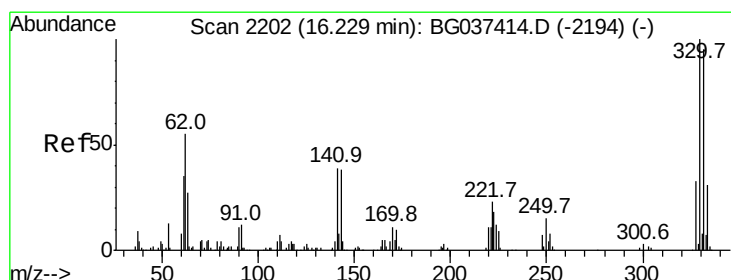
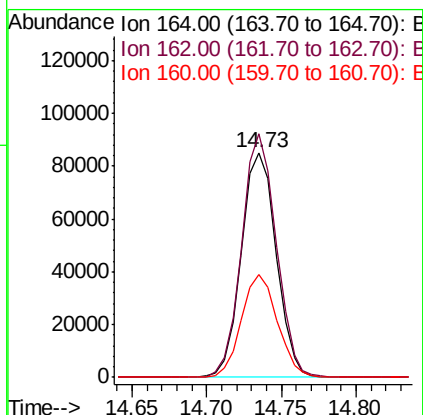
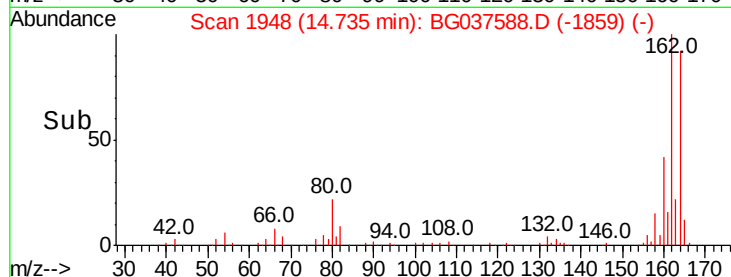
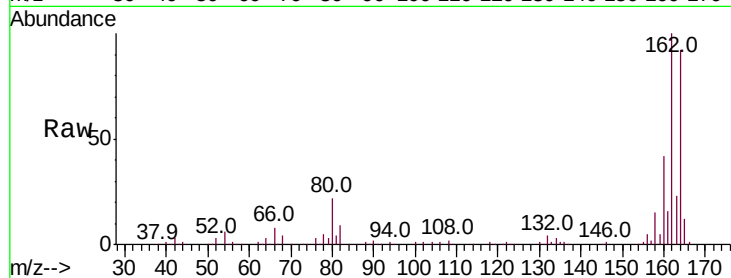
Tot Ion:164 Resp: 137708

Ion Ratio Lower Upper

164 100

162 108.4 81.3 121.9

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 107.982 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

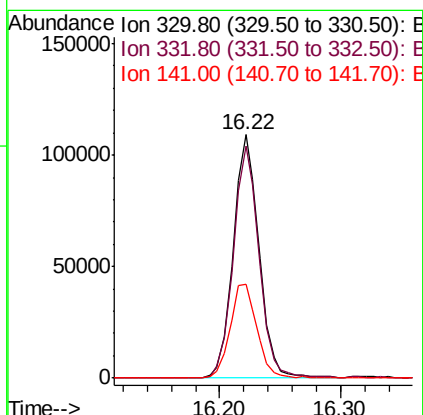
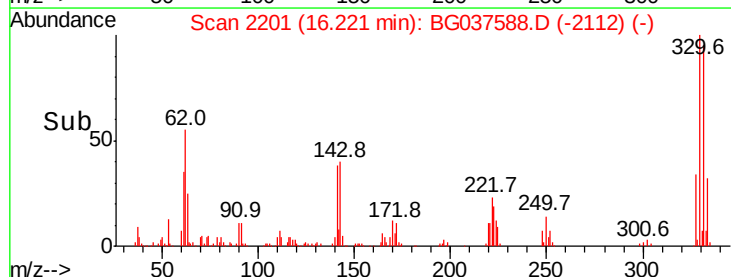
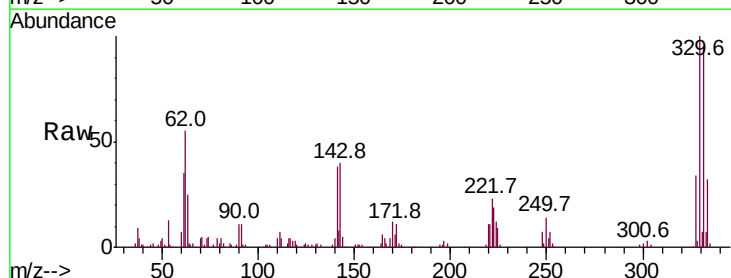
Tgt Ion:330 Resp: 162186

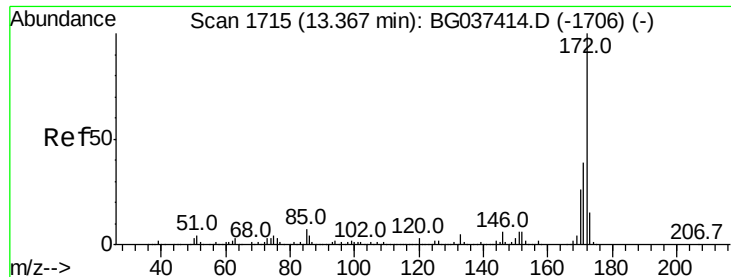
Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

141 40.3 32.2 48.2

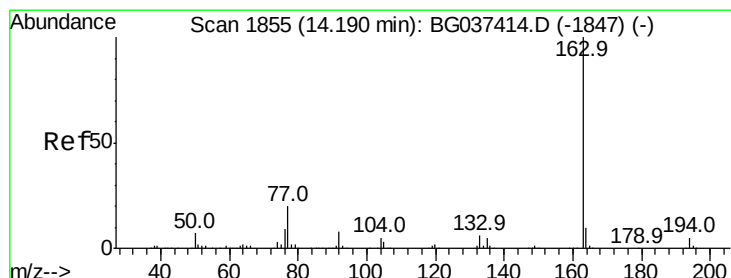
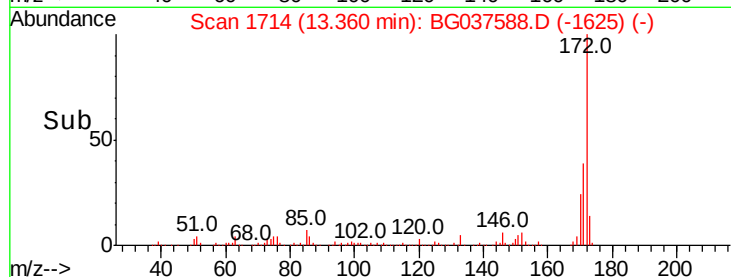
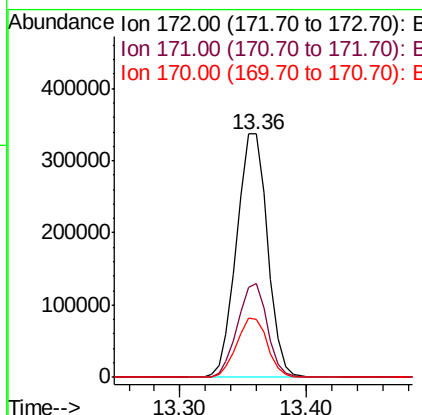
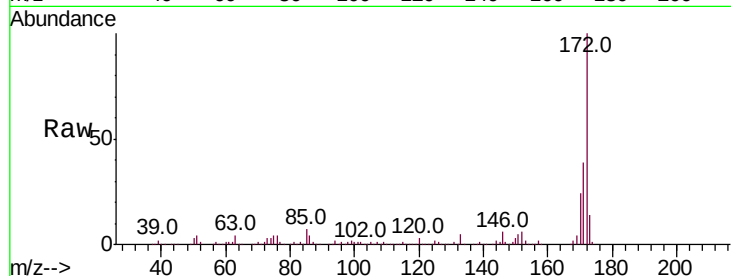




#45
2-Fluorobiphenyl
Concen: 62.450 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

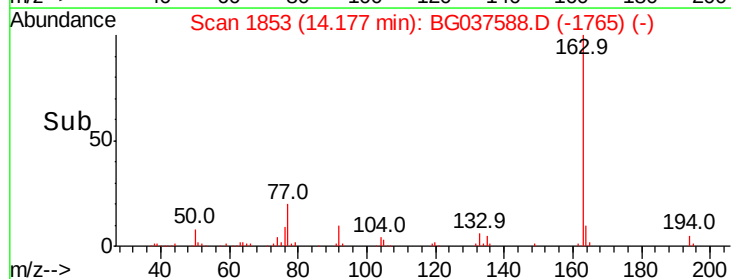
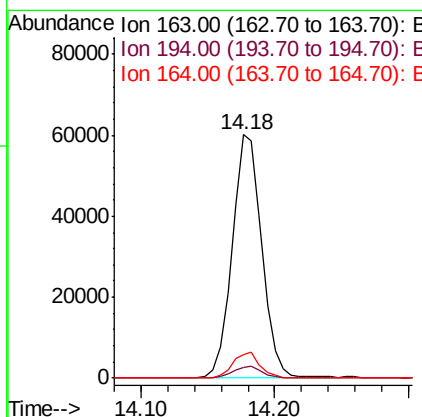
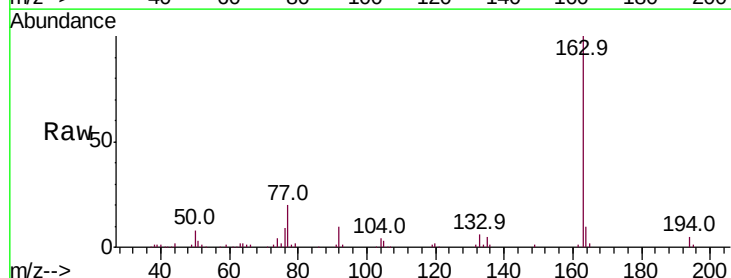
Instrument :
BNA_G
ClientSampleId :
DL-02A

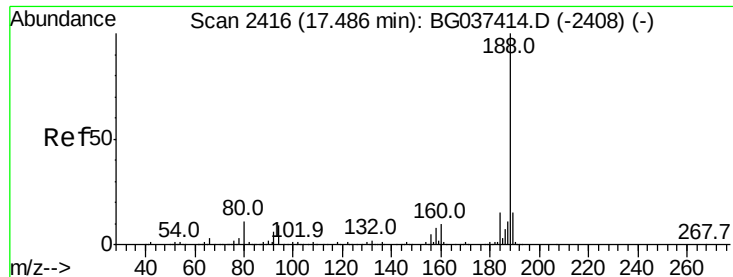
Tot Ion:172 Resp: 570307
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 23.9 20.2 30.2



#50
Dimethylphthalate
Concen: 8.674 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Tgt Ion:163 Resp: 92409
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.8 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: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampled :

DL-02A

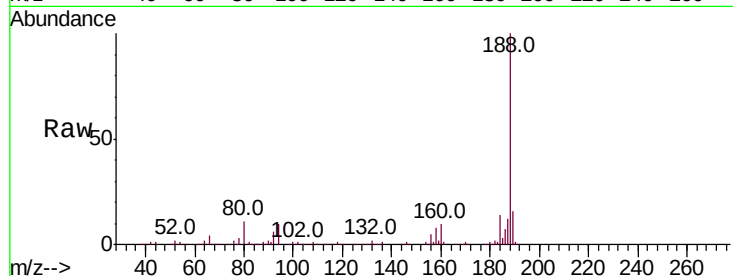
Tot Ion:188 Resp: 342157

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

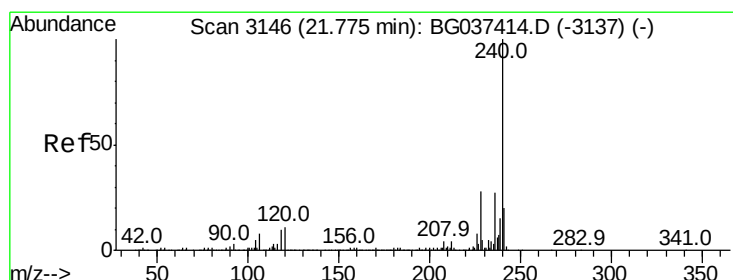
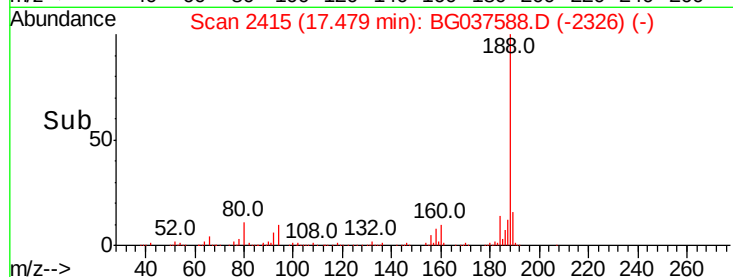
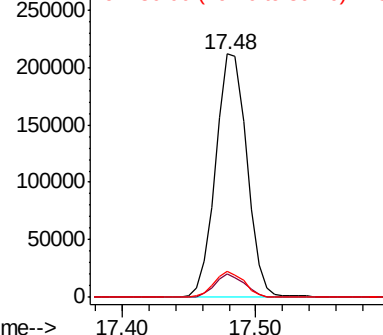
80 10.8 7.7 11.5



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: BG037588.D

Acq: 26 Oct 2018 19:49

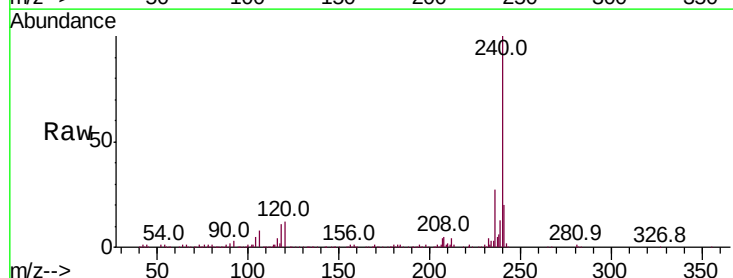
Tgt Ion:240 Resp: 316960

Ion Ratio Lower Upper

240 100

120 12.1 8.1 12.1

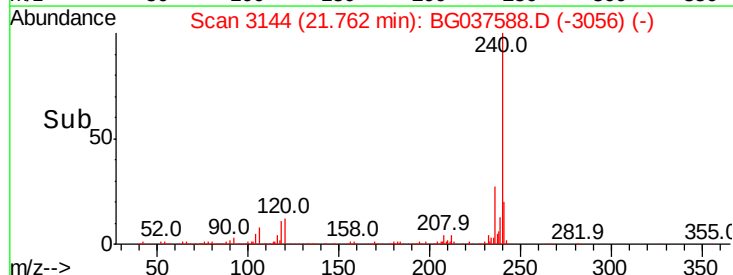
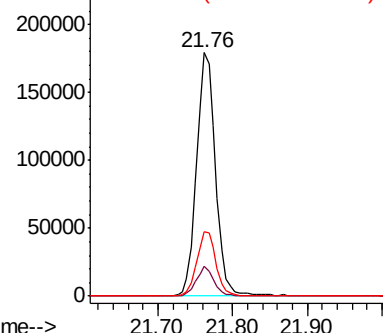
236 26.6 21.4 32.0

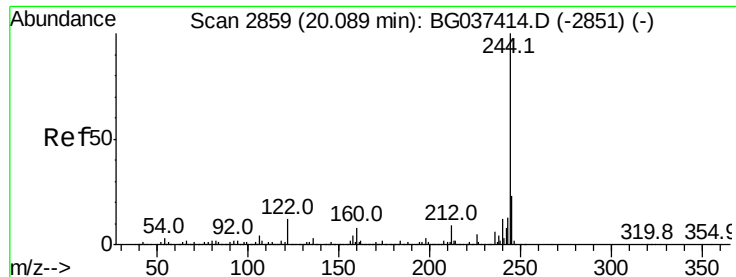


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.658 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

DL-02A

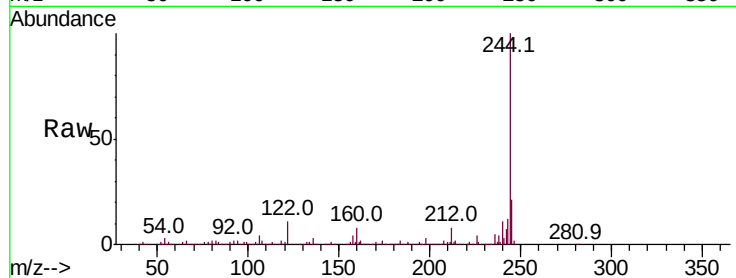
Tot Ion:244 Resp: 899777

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 11.0 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

800000

600000

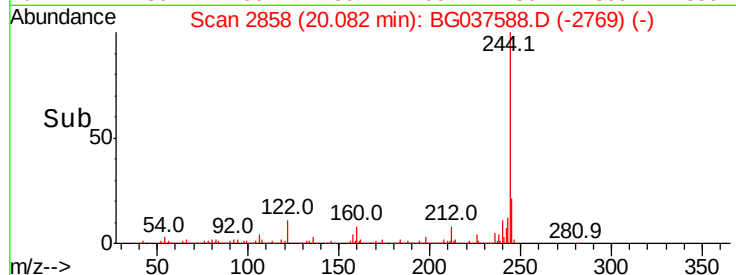
400000

200000

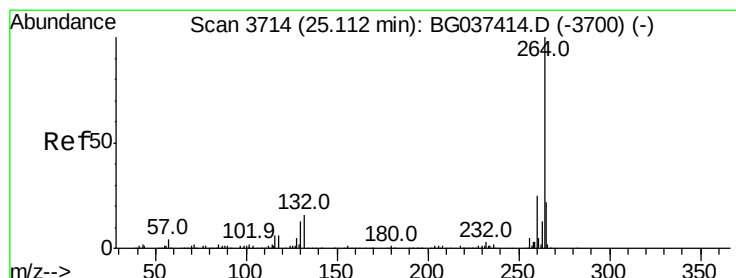
0

20.08

20.00 20.10 20.20



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

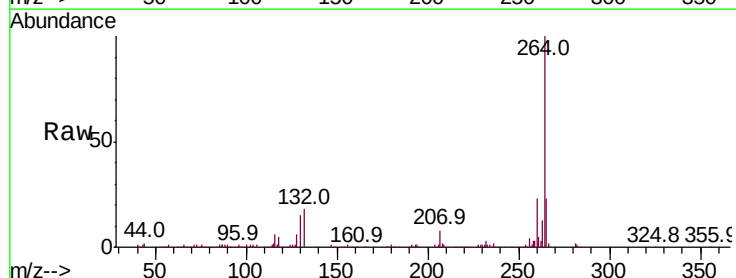
Tgt Ion:264 Resp: 302715

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 22.8 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

120000

100000

80000

60000

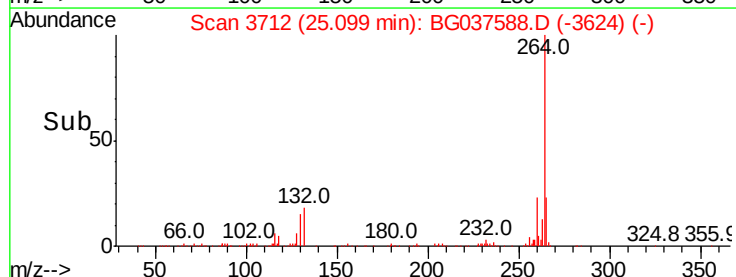
40000

20000

0

25.10

25.00 25.10 25.20



Time-->