

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037366.D
 Acq On : 16 Oct 2018 19:27
 Operator : JU/SJ
 Sample : J5524-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 17 02:07:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

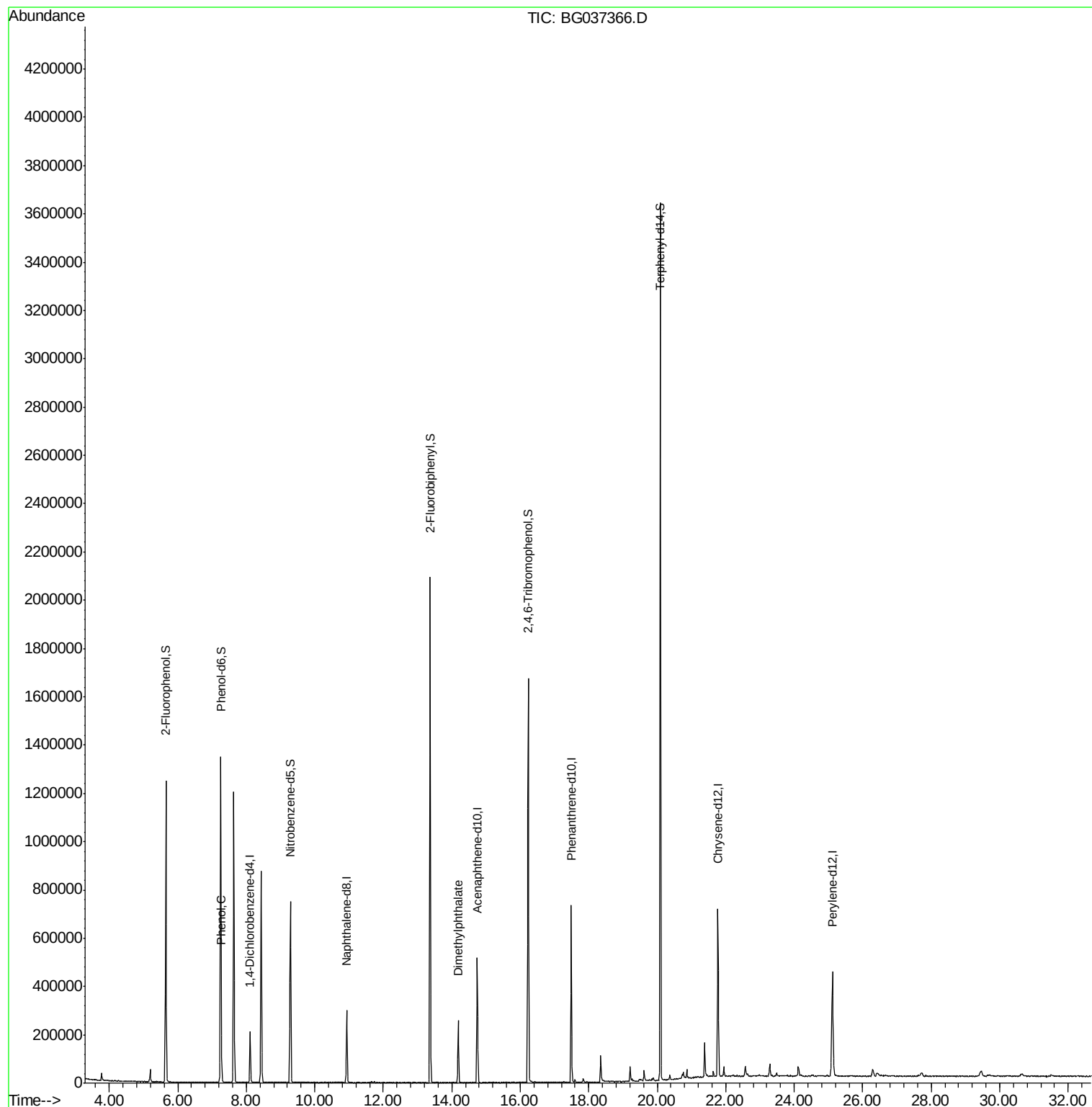
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63592	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	276300	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	182694	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	462507	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421252	20.00	ng	-0.02
87) Perylene-d12	25.12	264	434445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	570485	157.88	ng	0.00
7) Phenol-d6	7.25	99	829924	151.32	ng	0.00
23) Nitrobenzene-d5	9.29	82	475786	113.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	314599	175.59	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1128032	92.73	ng	-0.01
79) Terphenyl-d14	20.09	244	1682399	83.86	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	41122	7.119	ng	95
50) Dimethylphthalate	14.19	163	180054	12.541	ng	99

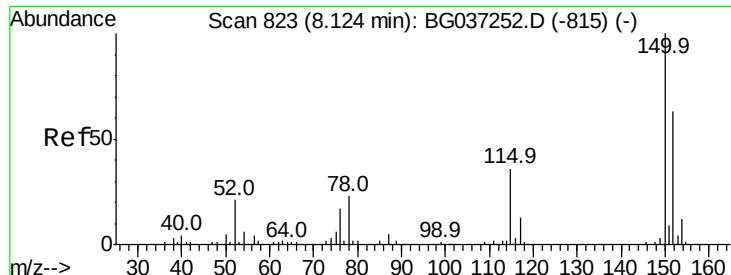
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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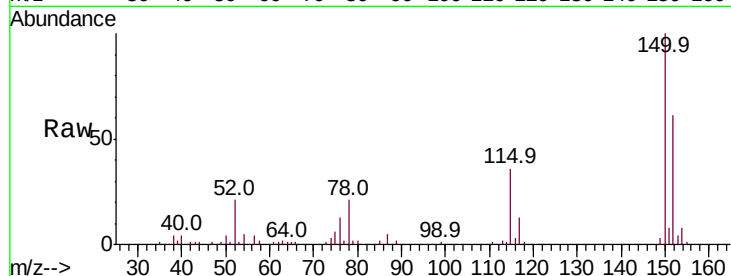


#1

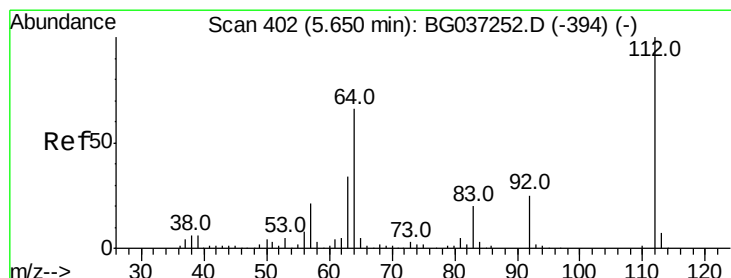
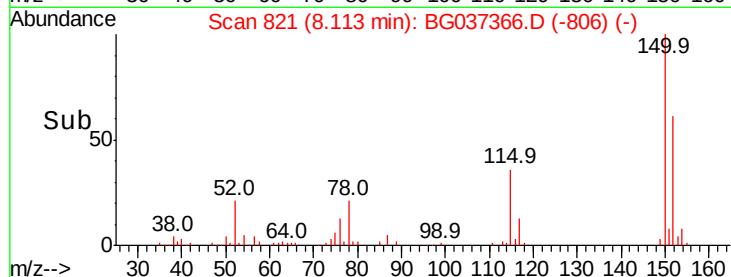
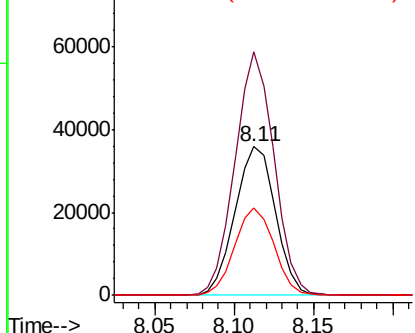
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037366.D
Acq: 16 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Tot Ion:152 Resp: 63592
Ion Ratio Lower Upper
152 100
150 163.9 126.0 189.0
115 58.5 45.5 68.3



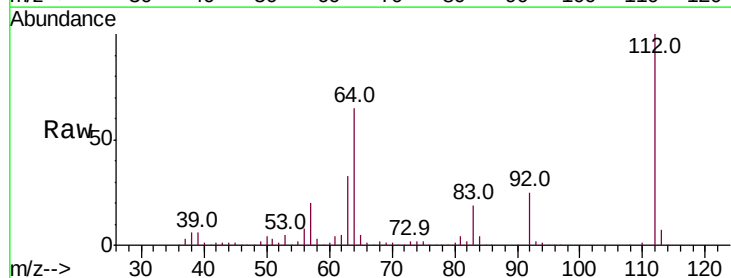
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



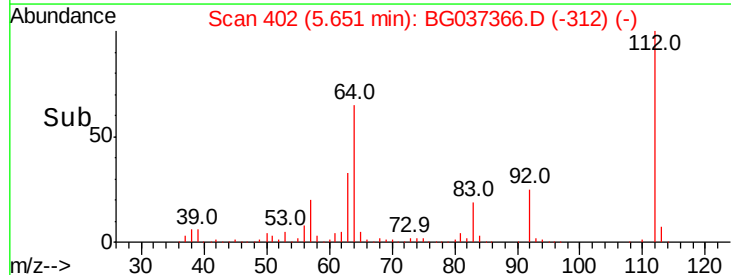
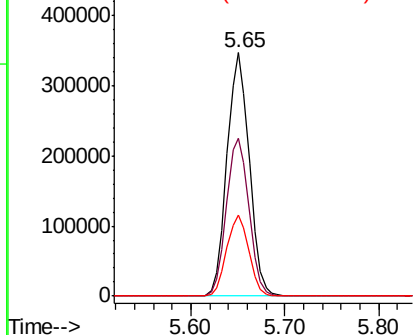
#5

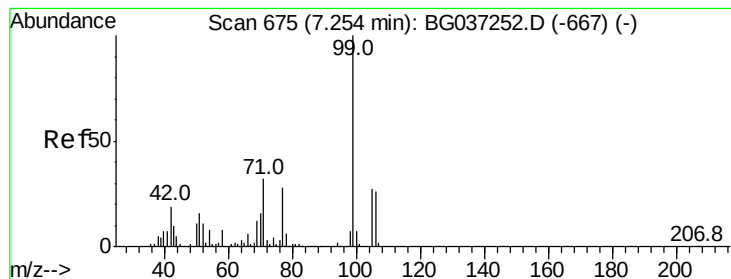
2-Fluorophenol
Concen: 157.881 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037366.D
Acq: 16 Oct 2018 19:27

Tgt Ion:112 Resp: 570485
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 33.3 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: 151.321 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

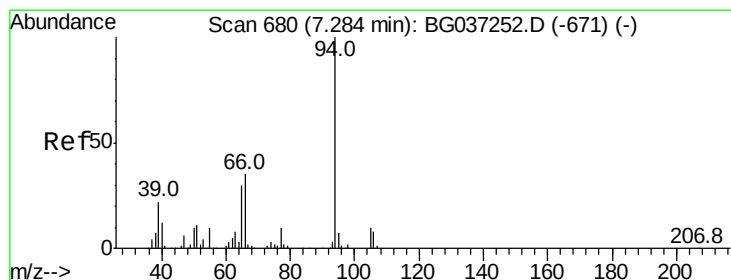
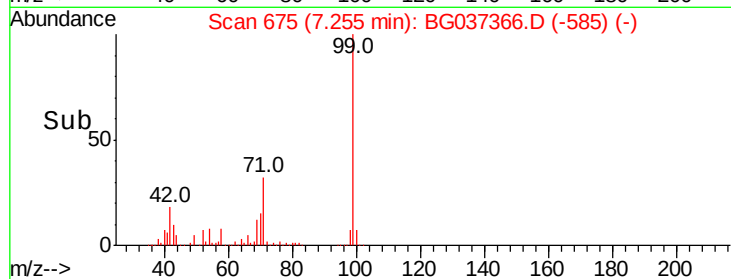
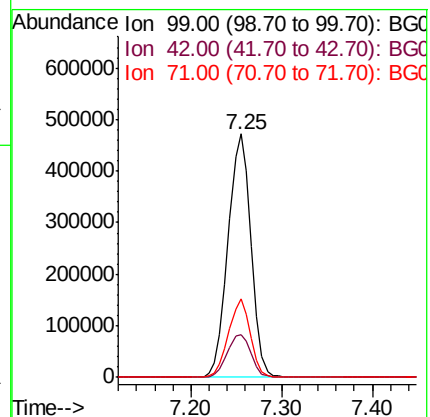
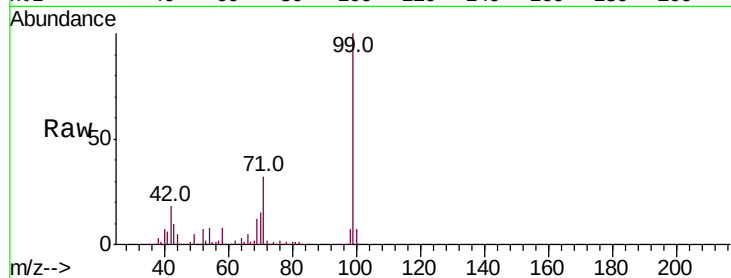
Tot Ion: 99 Resp: 829924

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 32.2 25.5 38.3



#10

Phenol

Concen: 7.119 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

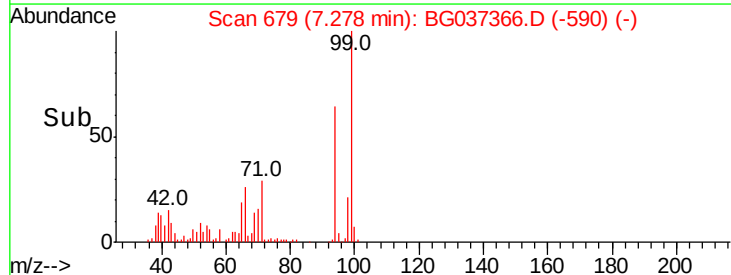
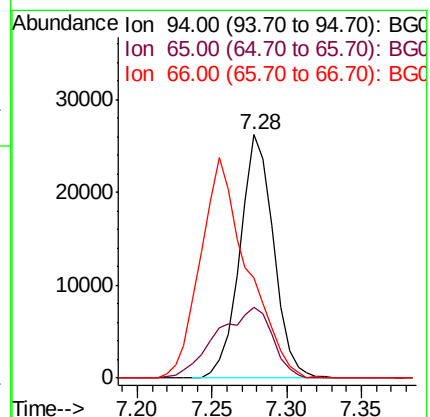
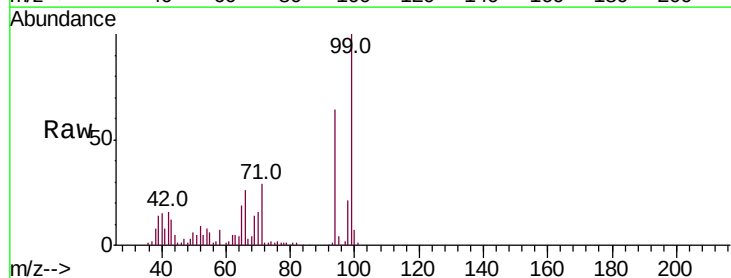
Tgt Ion: 94 Resp: 41122

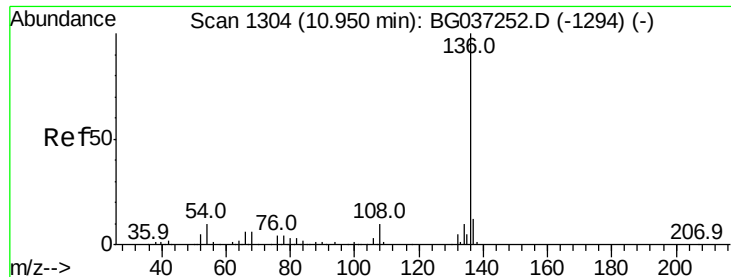
Ion Ratio Lower Upper

94 100

65 29.1 9.7 49.7

66 41.2 15.9 55.9

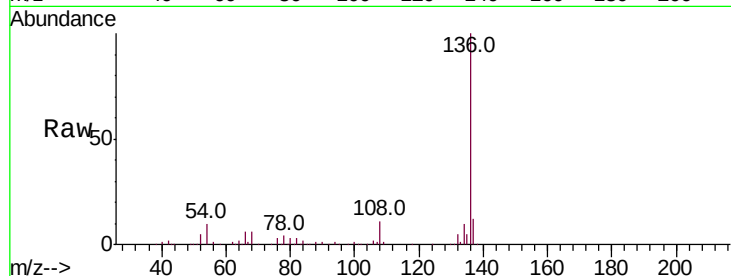




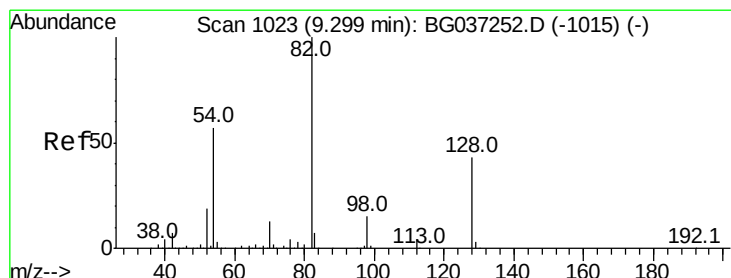
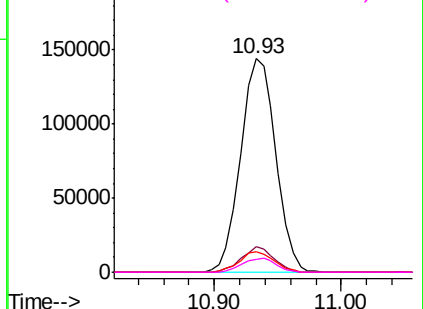
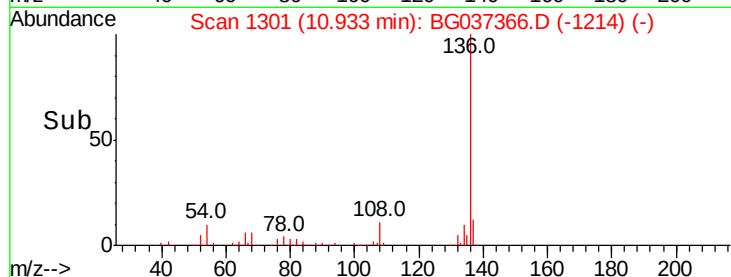
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037366.D
Acq: 16 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Tot Ion:136	Resp:	276300	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.6	14.4	
54 9.8	7.9	11.9	
68 5.8	4.8	7.2	

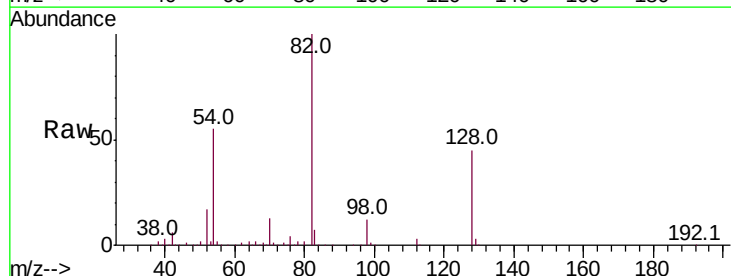


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

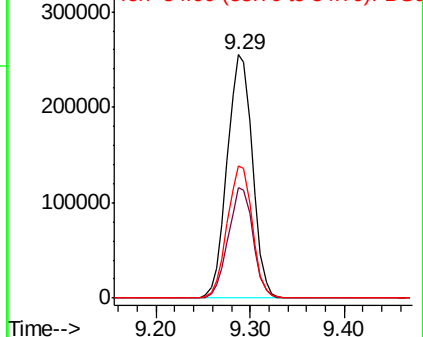
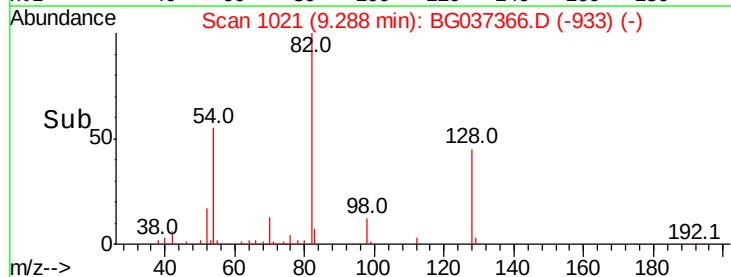


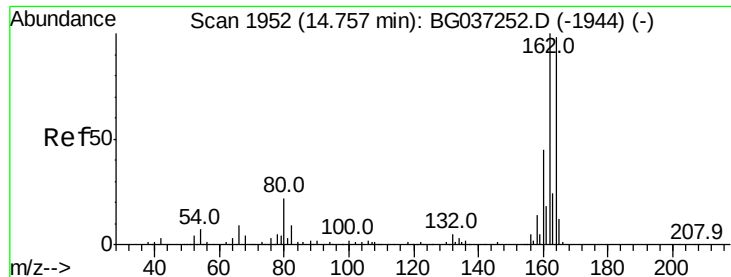
#23
Nitrobenzene-d5
Concen: 113.212 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037366.D
Acq: 16 Oct 2018 19:27

Tgt	Ion: 82	Resp:	475786
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	54.5	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

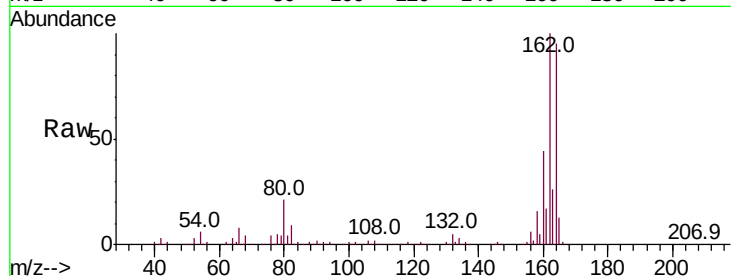
Tot Ion:164 Resp: 182694

Ion Ratio Lower Upper

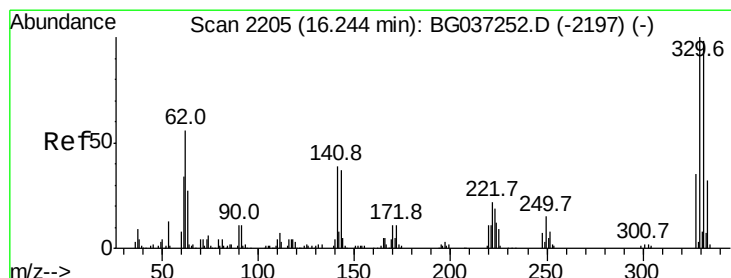
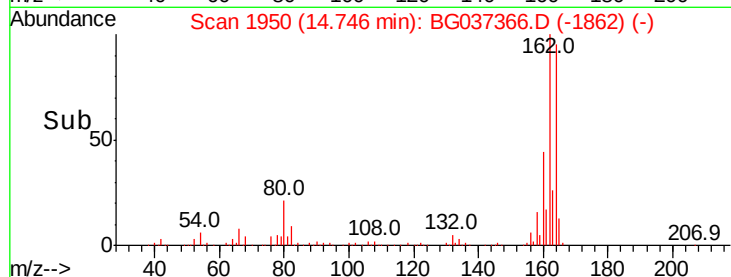
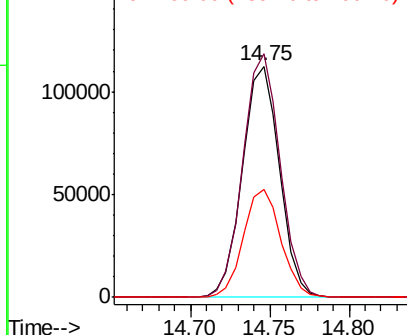
164 100

162 105.4 81.3 121.9

160 46.7 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: 175.585 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

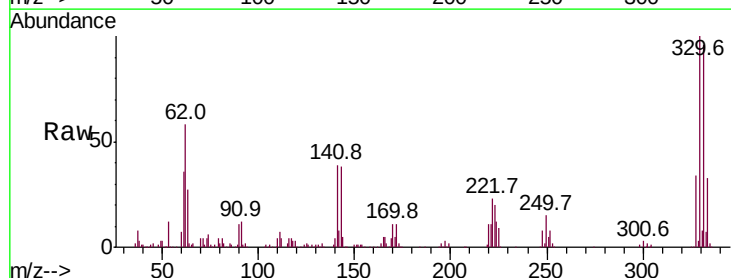
Tgt Ion:330 Resp: 314599

Ion Ratio Lower Upper

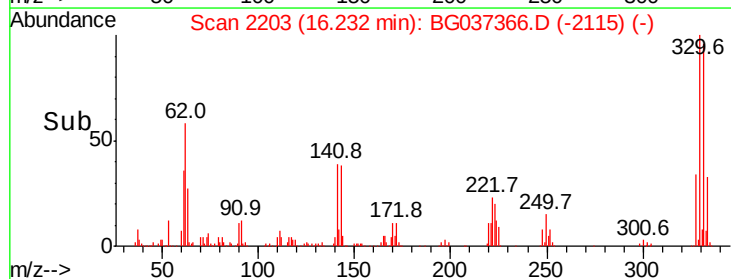
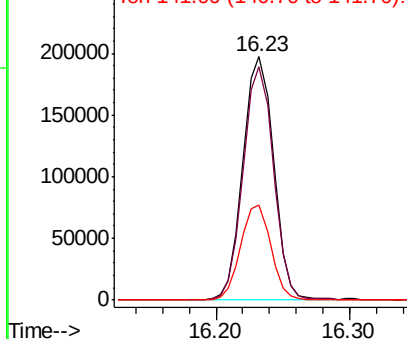
330 100

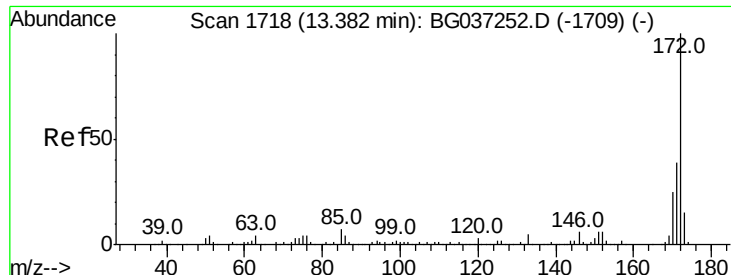
332 94.9 78.4 117.6

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



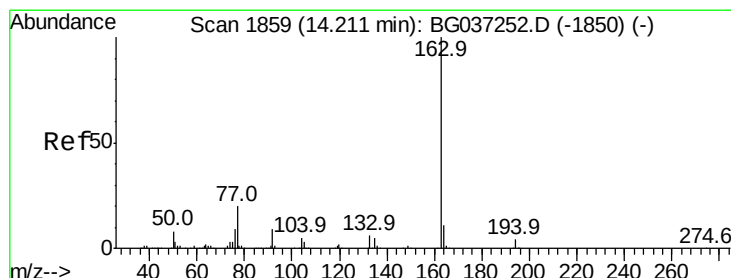
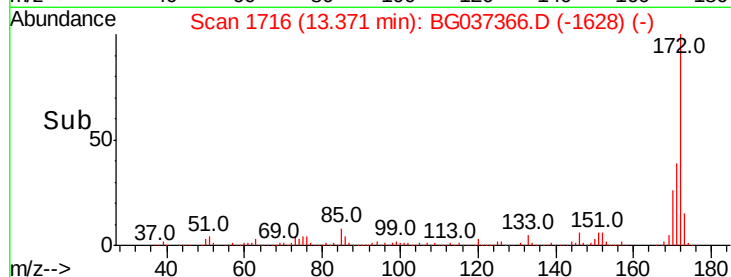
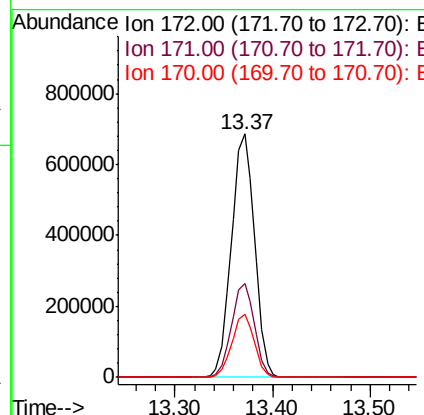
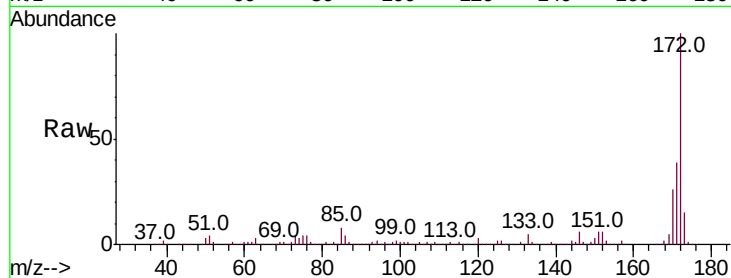


#45
 2-Fluorobiphenyl
 Concen: 92.725 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037366.D
 Acq: 16 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

Tot Ion:172 Resp: 1128032

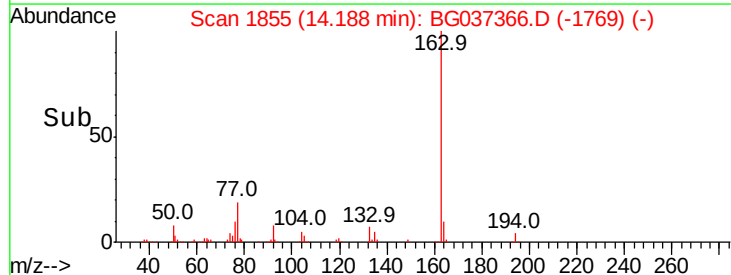
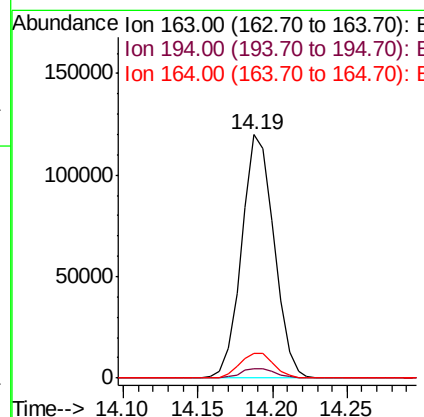
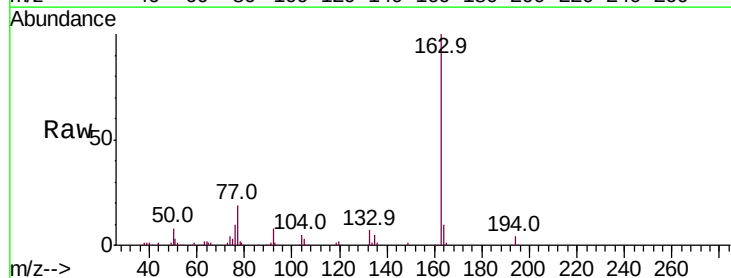
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.8	20.2	30.2

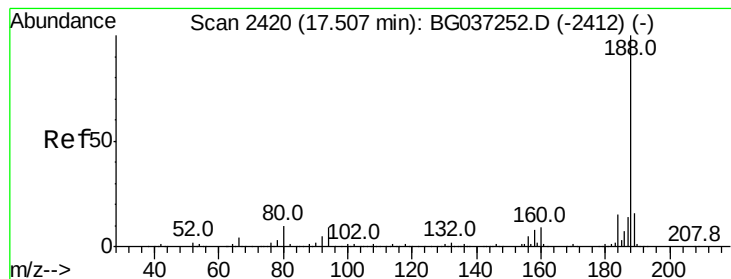


#50
 Dimethylphthalate
 Concen: 12.541 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037366.D
 Acq: 16 Oct 2018 19:27

Tgt Ion:163 Resp: 180054

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.4	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

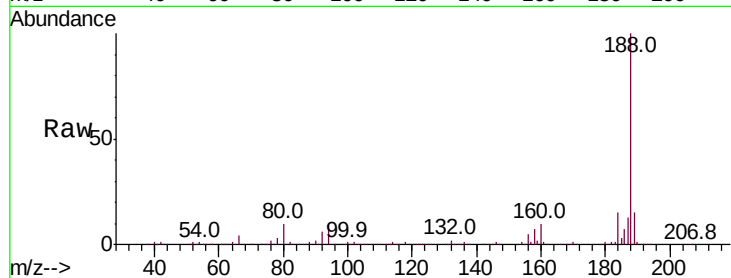
Tot Ion:188 Resp: 462507

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

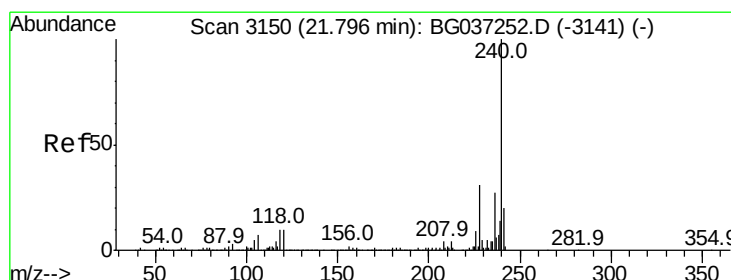
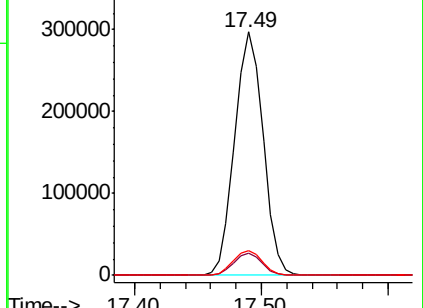
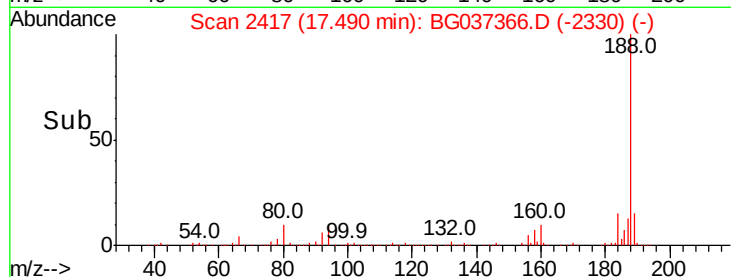
80 10.1 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

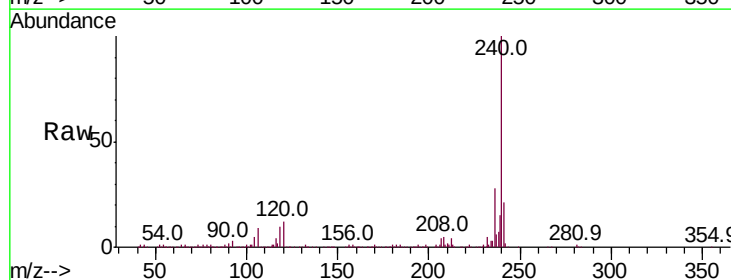
Tgt Ion:240 Resp: 421252

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

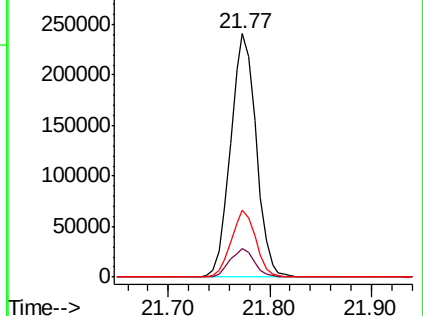
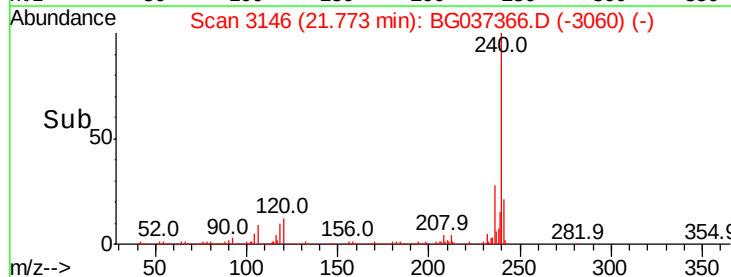
236 27.6 21.4 32.0

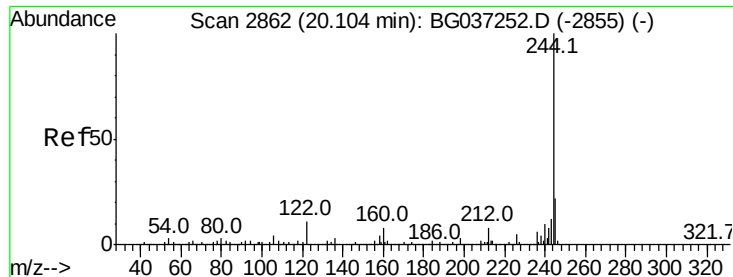


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.860 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

BS-SOIL-2

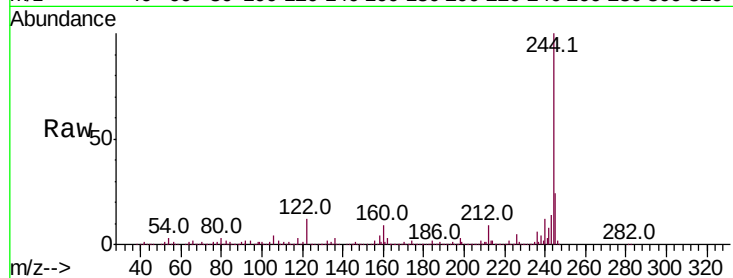
Tot Ion:244 Resp: 1682399

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.5	9.7
122	11.7	9.0	13.4

244 100

212 9.3 6.5 9.7

122 11.7 9.0 13.4

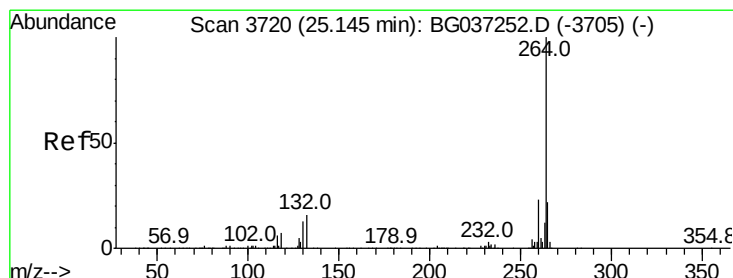
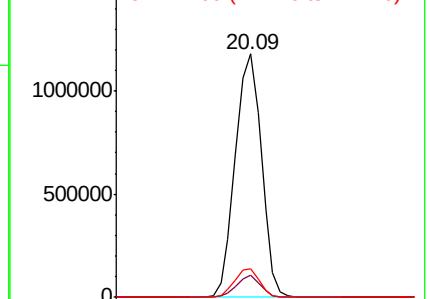
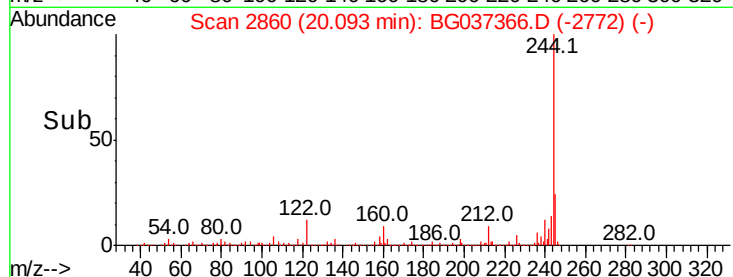


Abundance

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: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037366.D

Acq: 16 Oct 2018 19:27

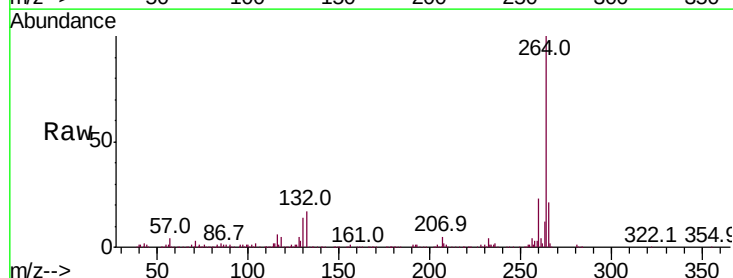
Tgt Ion:264 Resp: 434445

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.6	17.9	26.9

264 100

260 23.3 18.2 27.4

265 20.6 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

