

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037403.D
 Acq On : 17 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5541-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Quant Time: Oct 18 12:03:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

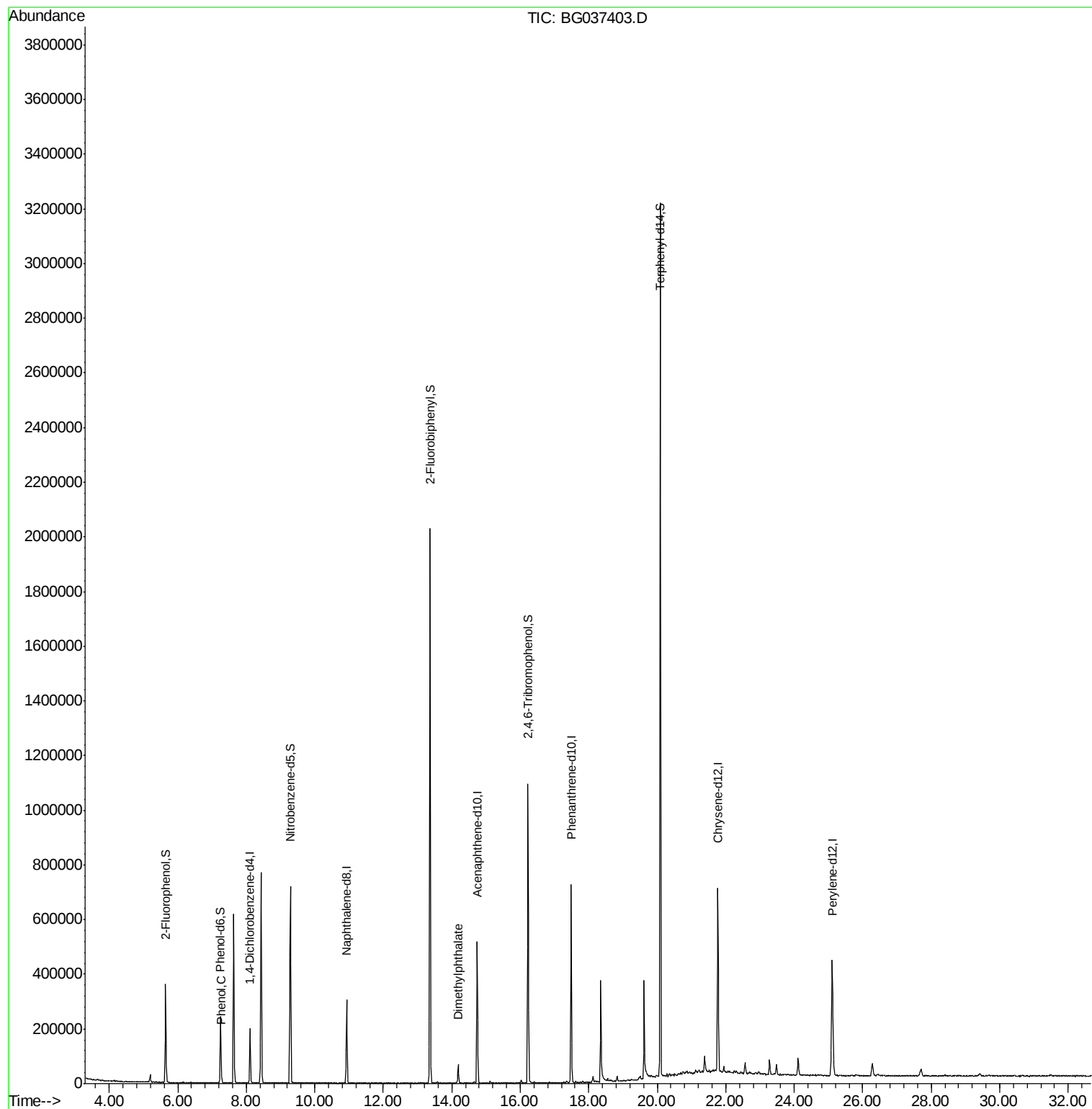
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58964	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	274135	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	187339	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	454466	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	407201	20.00	ng	-0.02
87) Perylene-d12	25.11	264	419982	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	172582	51.51	ng	0.00
7) Phenol-d6	7.25	99	154208	30.32	ng	0.00
23) Nitrobenzene-d5	9.29	82	444095	106.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	195363	106.33	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1098377	88.05	ng	-0.02
79) Terphenyl-d14	20.09	244	1565253	80.71	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	15456	2.886	ng	93
50) Dimethylphthalate	14.19	163	49001	3.328	ng	100

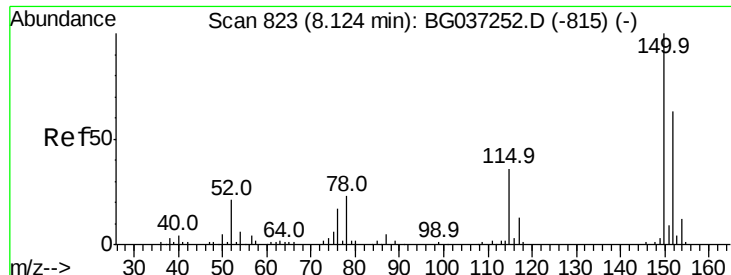
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 12:03:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration



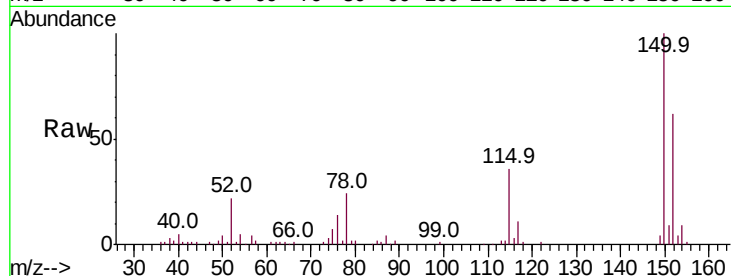


#1

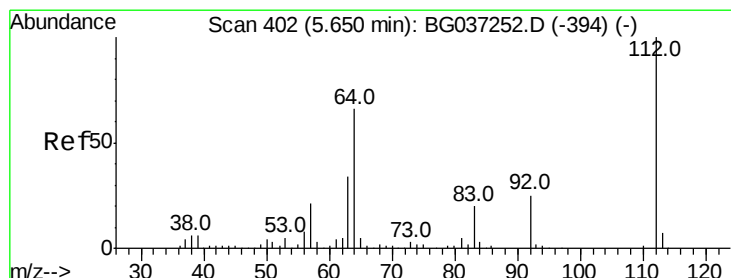
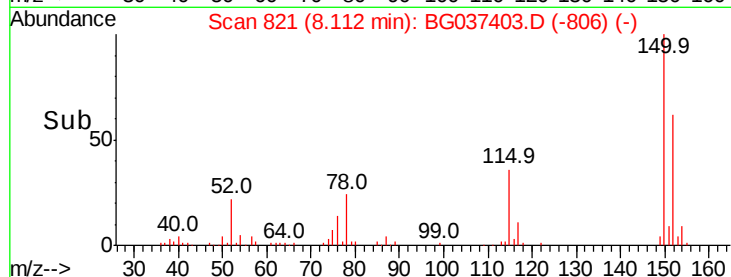
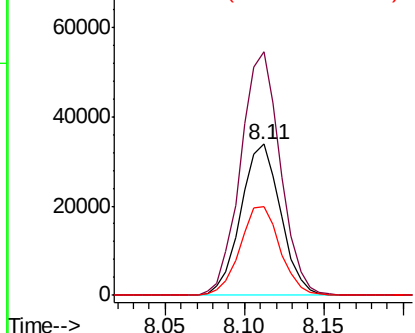
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-M

Tot Ion:152 Resp: 58964
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 58.8 45.5 68.3



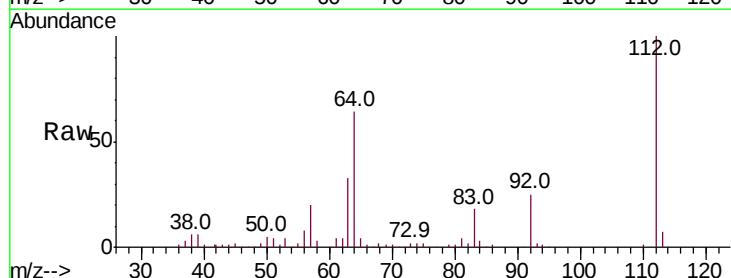
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



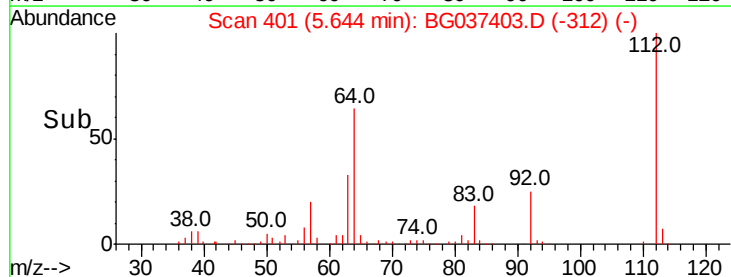
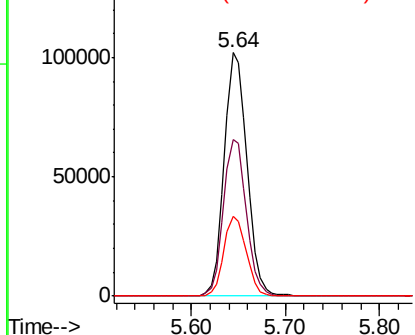
#5

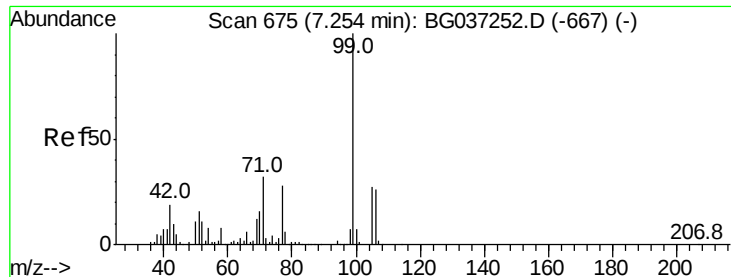
2-Fluorophenol
Concen: 51.511 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

Tgt Ion:112 Resp: 172582
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 32.8 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: 30.324 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

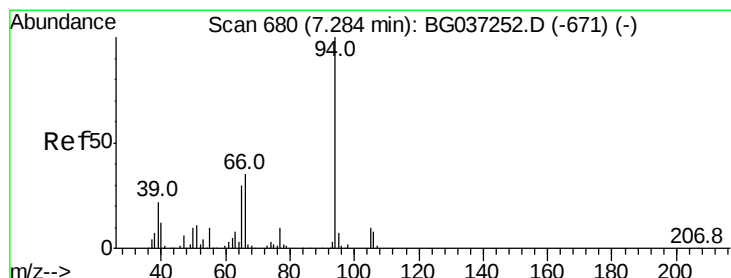
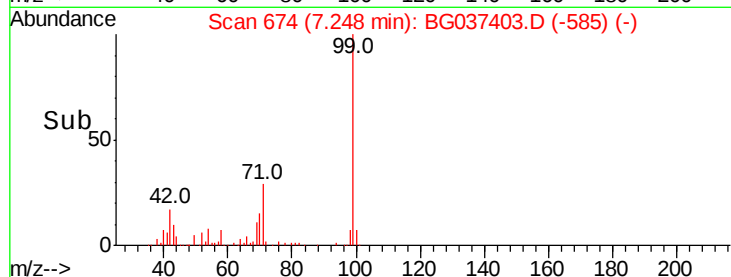
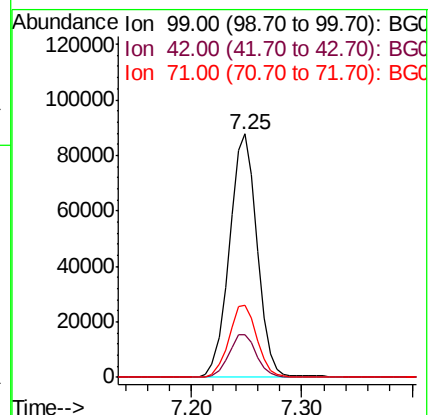
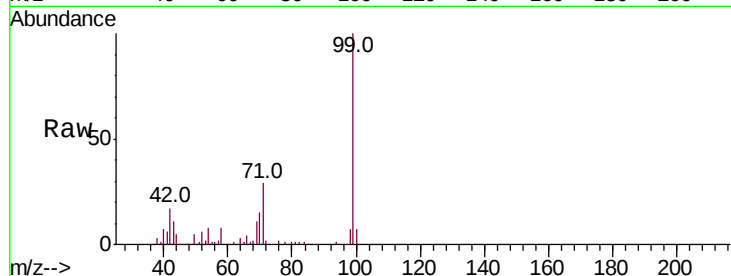
Tot Ion: 99 Resp: 154208

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 29.5 25.5 38.3



#10

Phenol

Concen: 2.886 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

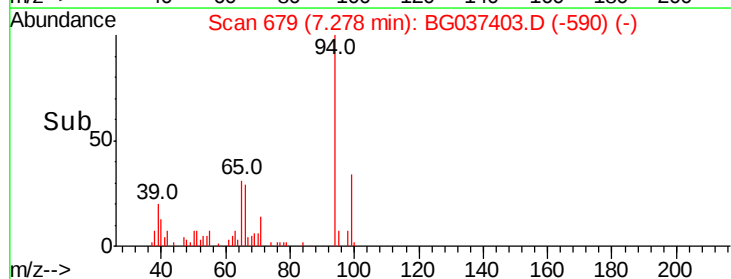
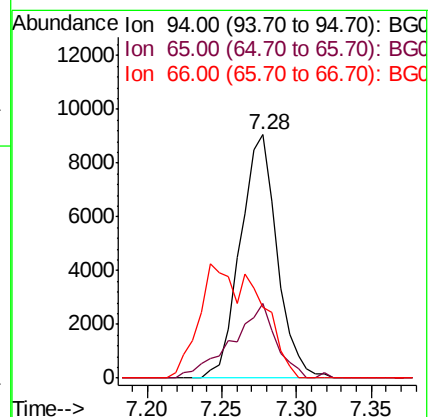
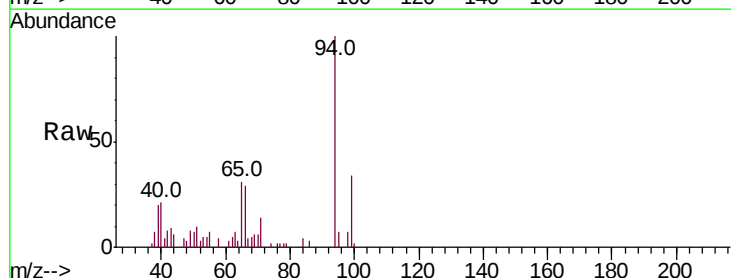
Tgt Ion: 94 Resp: 15456

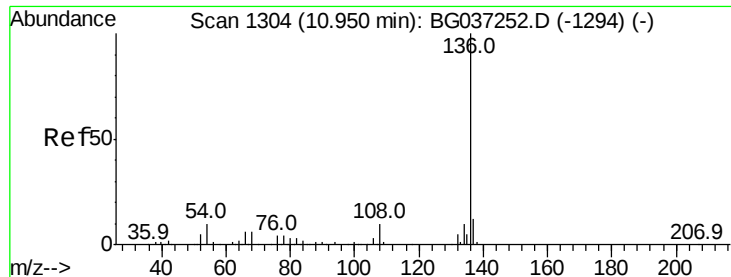
Ion Ratio Lower Upper

94 100

65 30.7 9.7 49.7

66 28.9 15.9 55.9

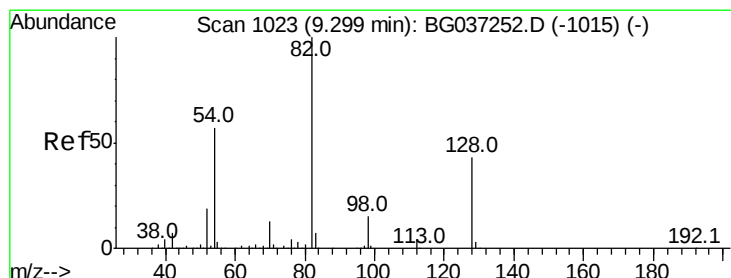
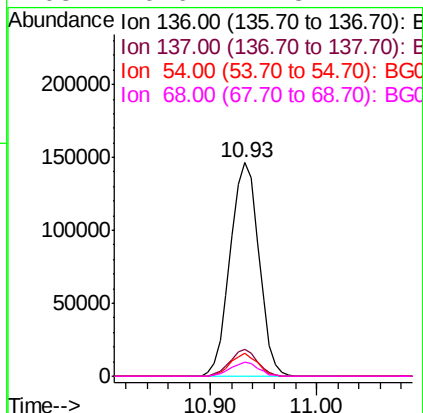
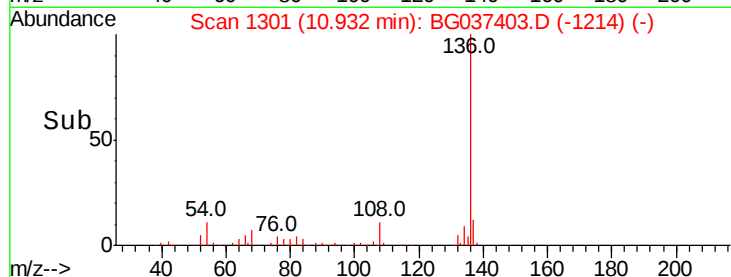
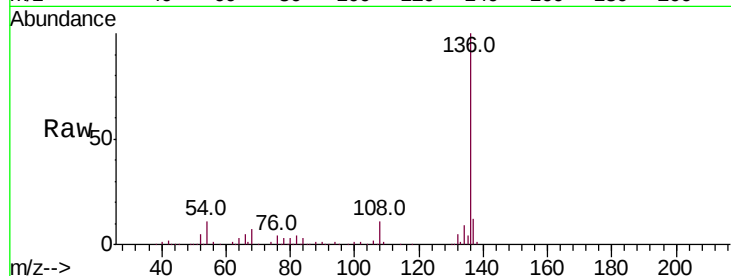




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

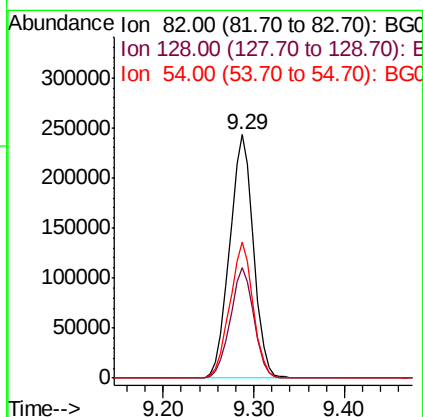
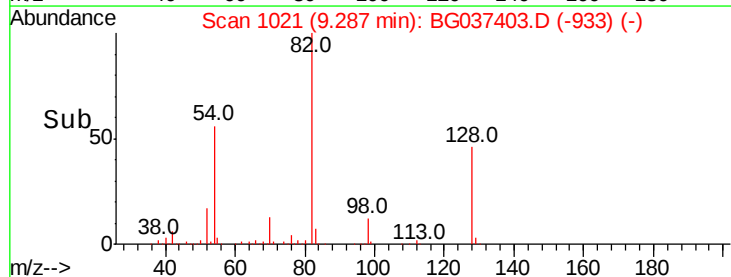
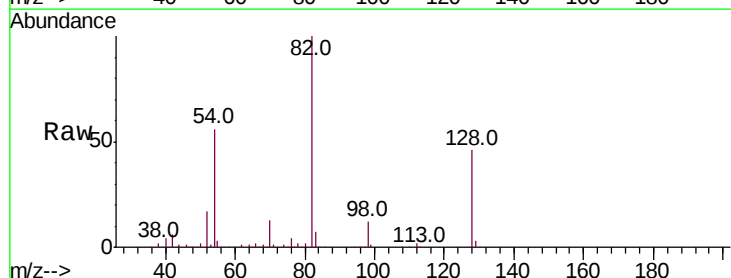
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-M

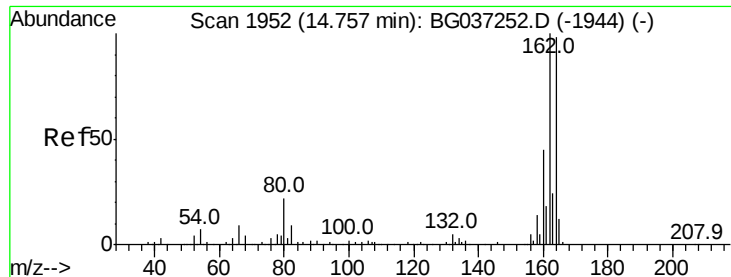
Tot Ion:136	Resp:	274135
Ion Ratio	Lower	Upper
136 100		
137 12.3	9.6	14.4
54 10.8	7.9	11.9
68 6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.506 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037403.D
Acq: 17 Oct 2018 23:22

Tgt Ion: 82	Resp: 444095
Ion Ratio	Lower Upper
82 100	
128 45.6	34.6 51.8
54 55.9	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

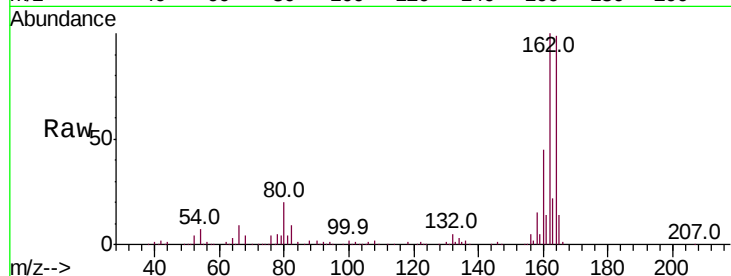
Tot Ion:164 Resp: 187339

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

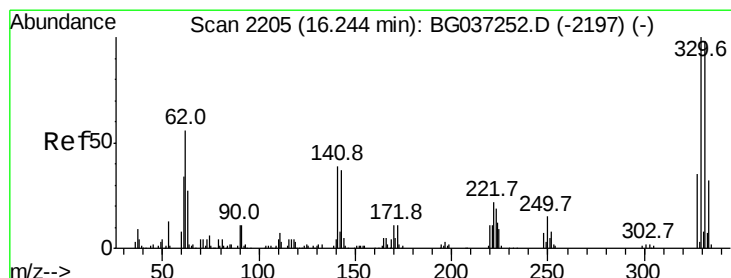
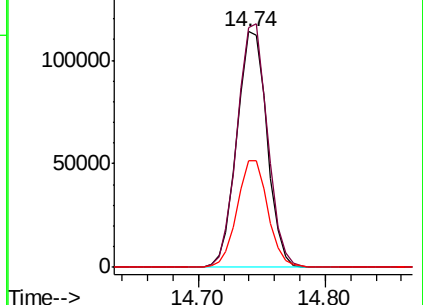
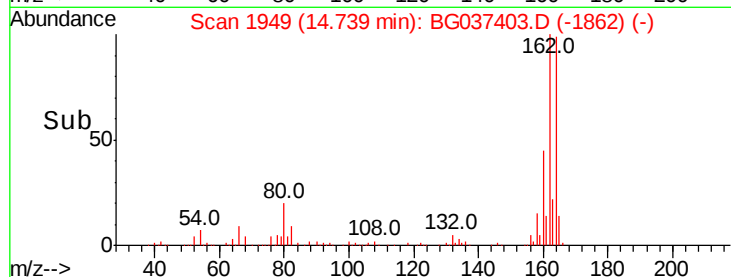
160 45.4 36.3 54.5



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: 106.333 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

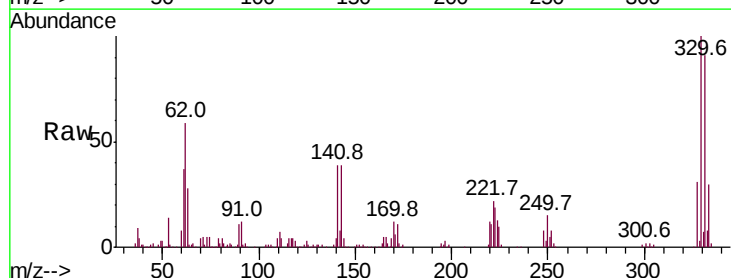
Tgt Ion:330 Resp: 195363

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

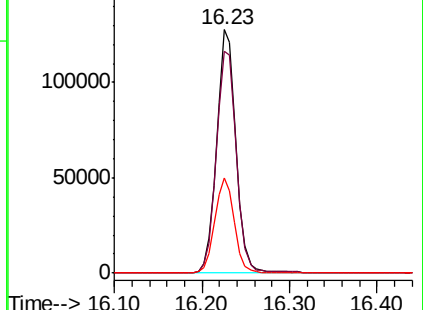
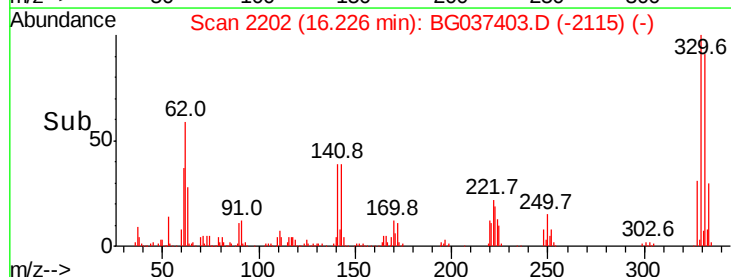
141 39.1 32.2 48.2

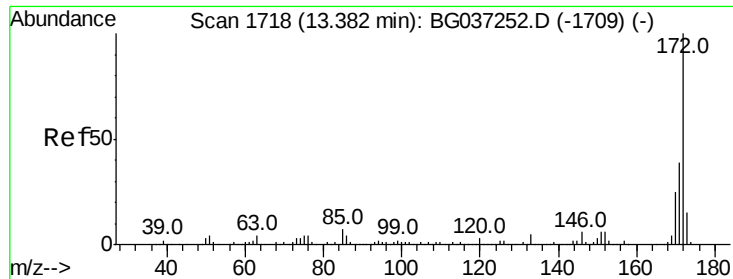


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



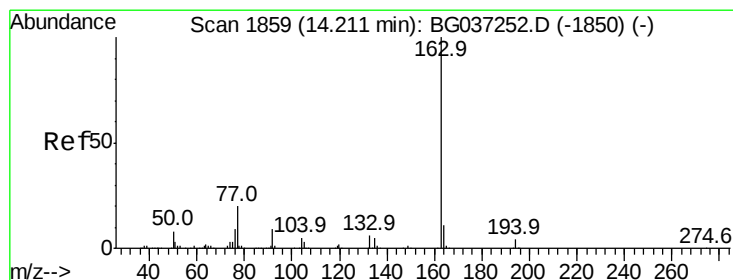
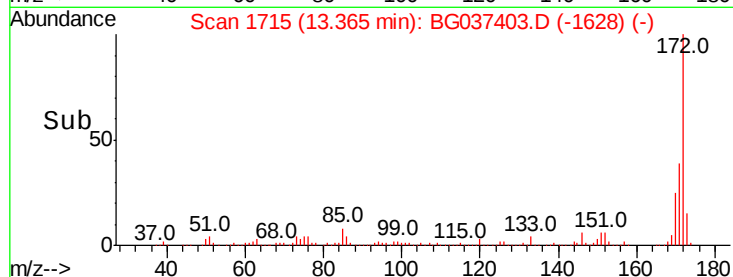
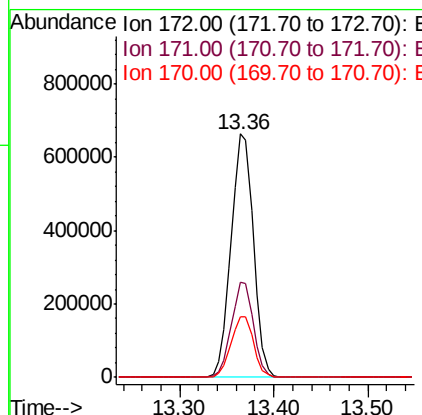
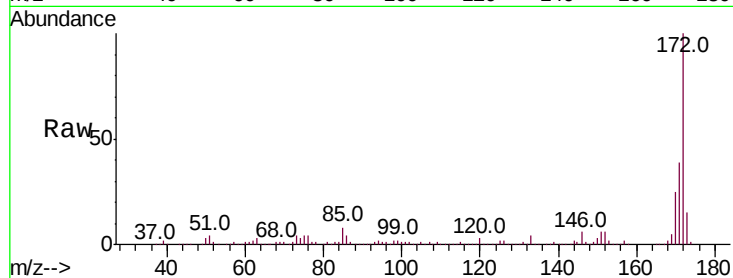


#45
 2-Fluorobiphenyl
 Concen: 88.049 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-M

Tot Ion:172 Resp: 1098377

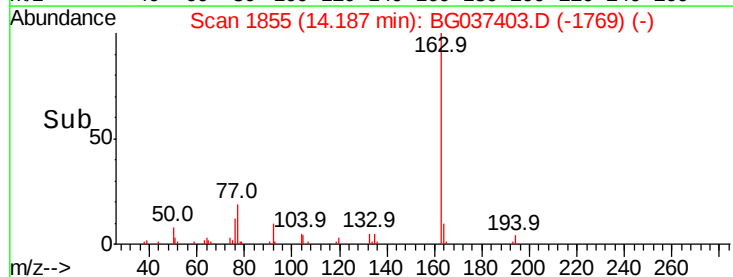
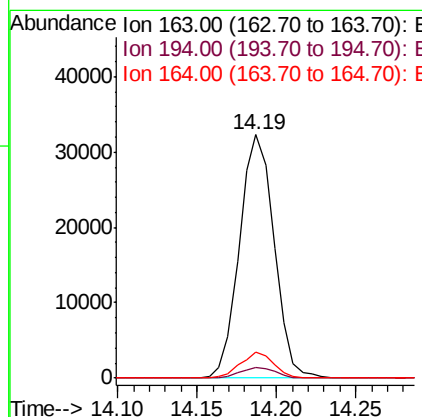
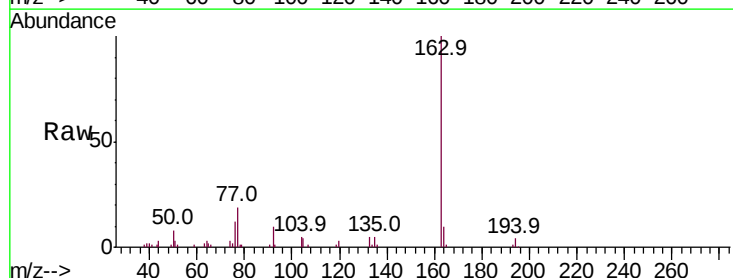
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.1	20.2	30.2

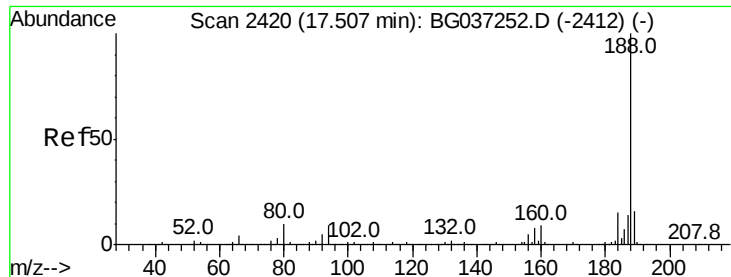


#50
 Dimethylphthalate
 Concen: 3.328 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037403.D
 Acq: 17 Oct 2018 23:22

Tgt Ion:163 Resp: 49001

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	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: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-M

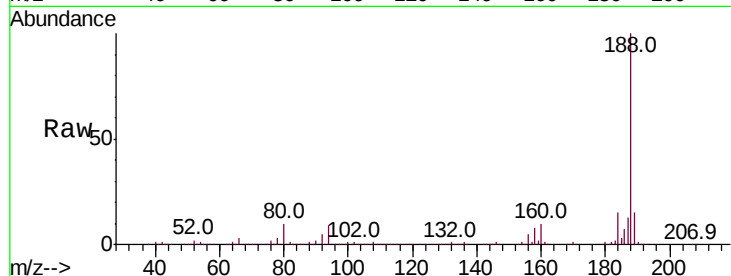
Tot Ion:188 Resp: 454466

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

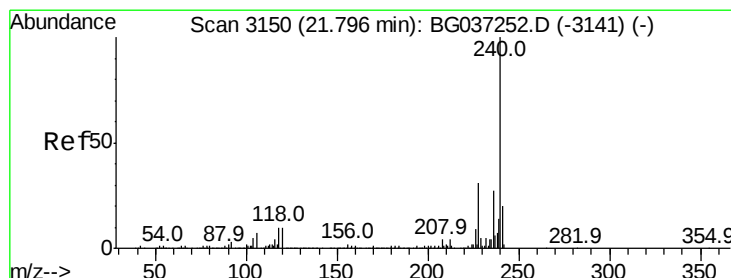
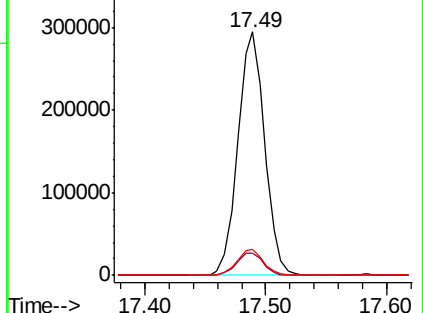
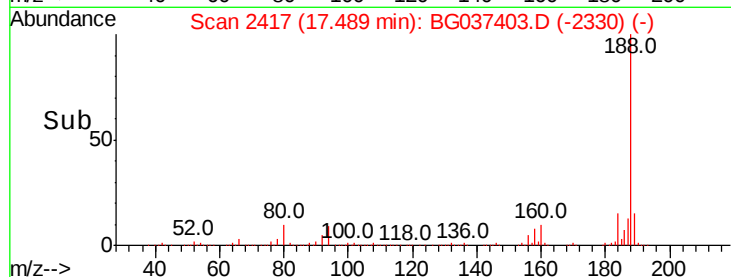
80 10.5 7.7 11.5



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: BG037403.D

Acq: 17 Oct 2018 23:22

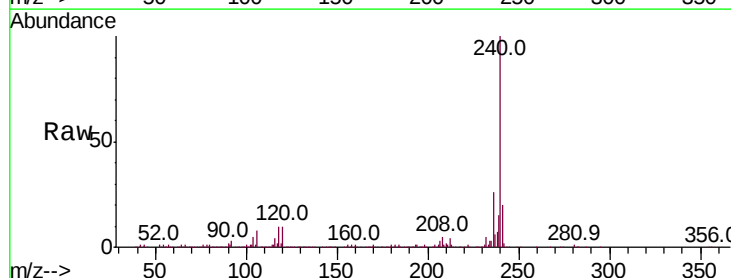
Tgt Ion:240 Resp: 407201

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

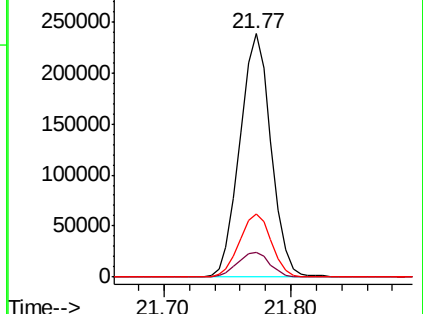
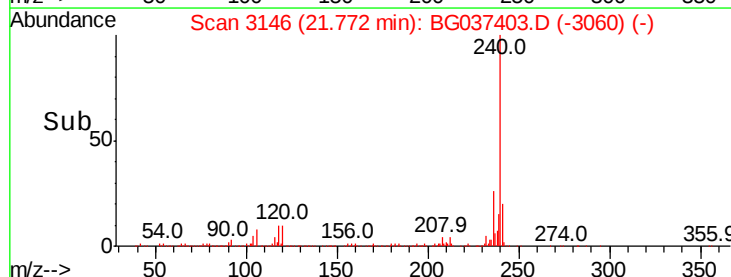
236 25.9 21.4 32.0

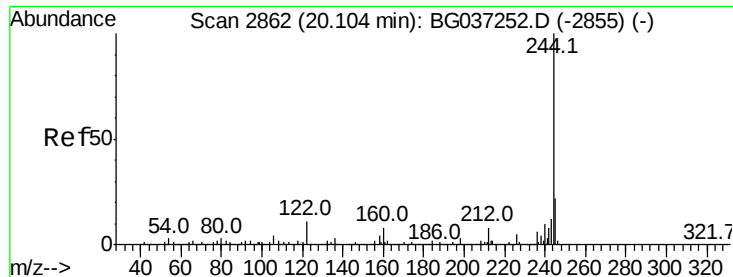


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.713 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

Instrument :

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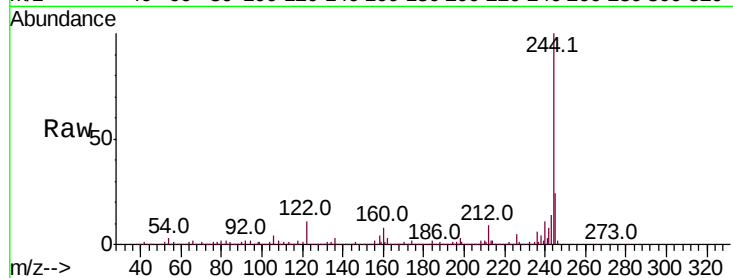
Tot Ion:244 Resp: 1565253

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

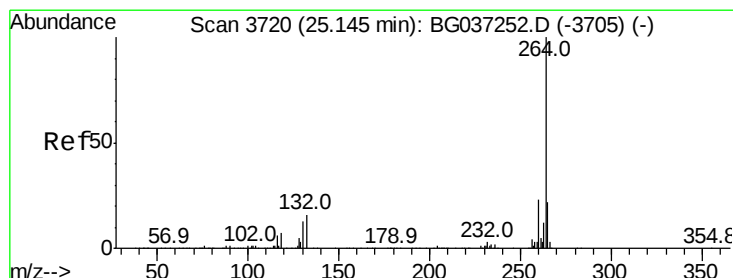
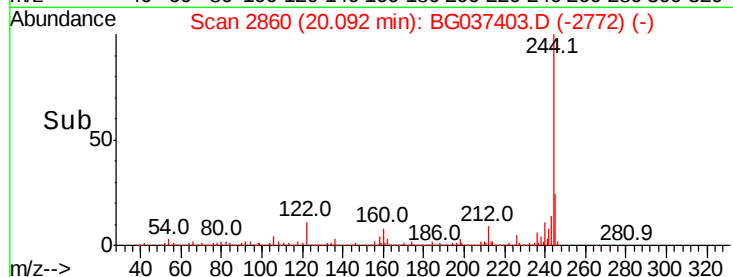
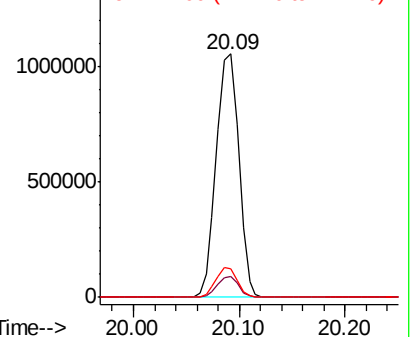
122 11.5 9.0 13.4



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: 25.11 min Scan# 3714

Delta R.T. -0.04 min

Lab File: BG037403.D

Acq: 17 Oct 2018 23:22

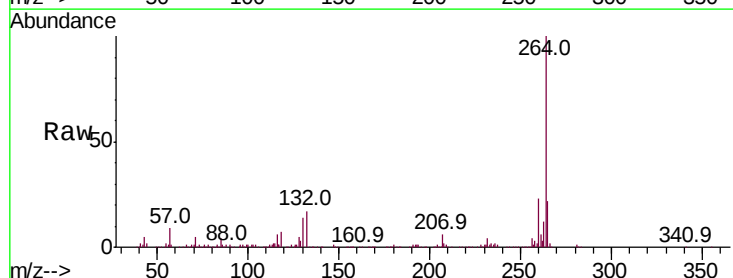
Tgt Ion:264 Resp: 419982

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.2 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

