

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037405.D
 Acq On : 18 Oct 2018 00:40
 Operator : JU/SJ
 Sample : J5541-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-B

Quant Time: Oct 18 12:05:12 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

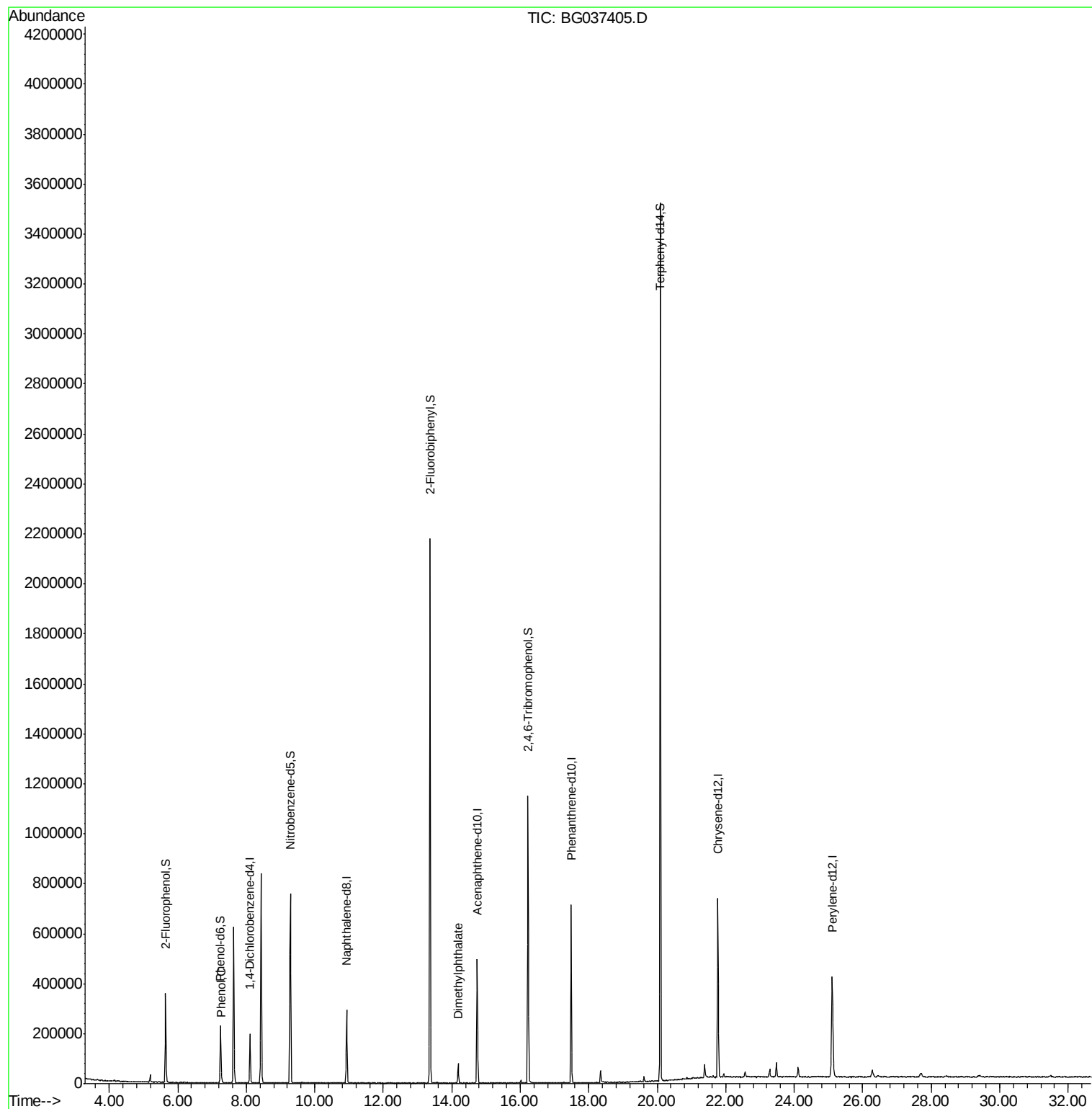
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57971	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	268092	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	179645	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	453289	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	425981	20.00	ng	-0.02
87) Perylene-d12	25.12	264	422981	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	164439	49.92	ng	0.00
7) Phenol-d6	7.24	99	146322	29.27	ng	-0.01
23) Nitrobenzene-d5	9.29	82	477098	117.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	201607	114.43	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1159992	96.97	ng	-0.02
79) Terphenyl-d14	20.09	244	1709782	84.28	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	23435	4.450	ng	94
50) Dimethylphthalate	14.19	163	54398	3.853	ng	98

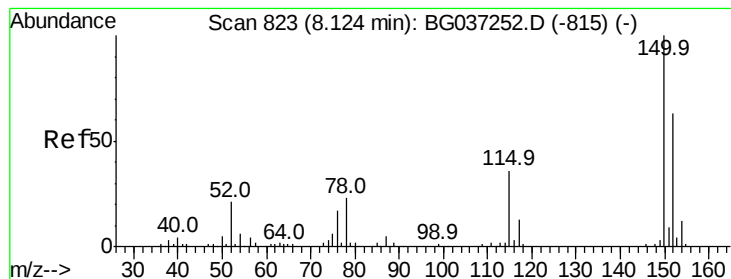
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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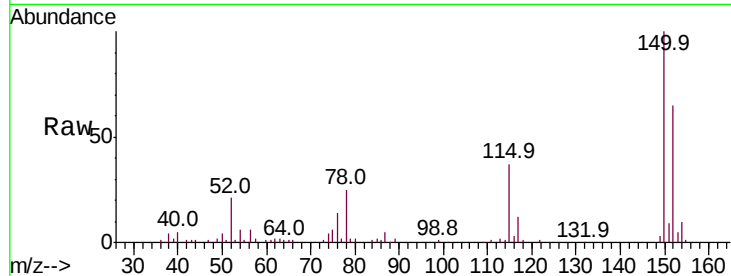


#1

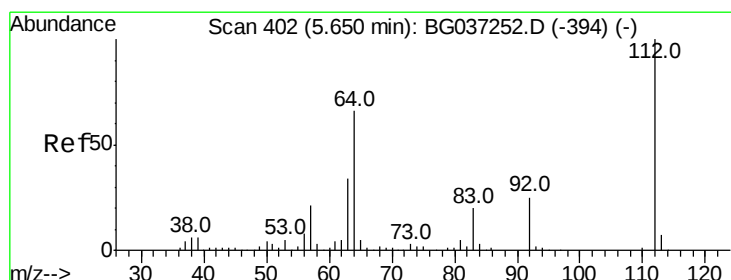
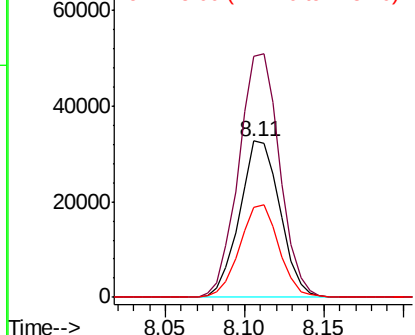
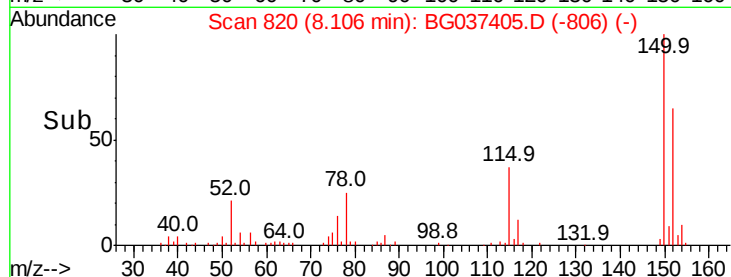
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

Tot Ion:152 Resp: 57971
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 57.5 45.5 68.3



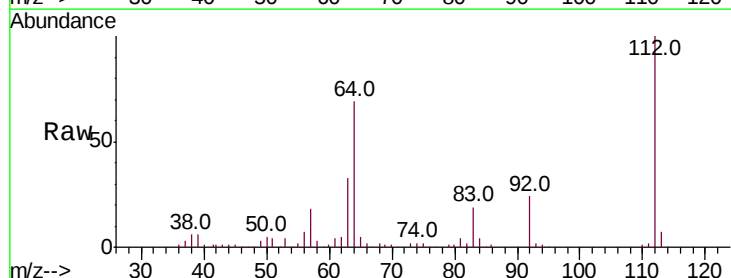
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



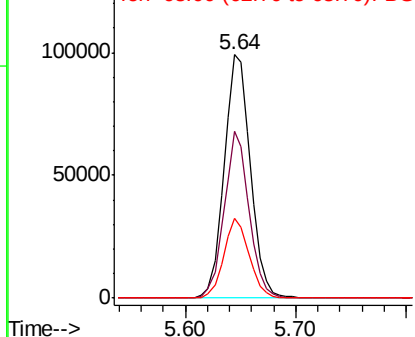
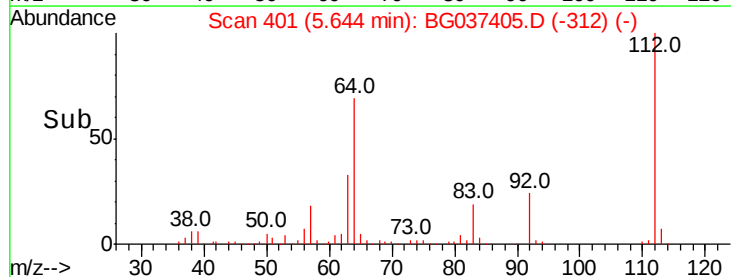
#5

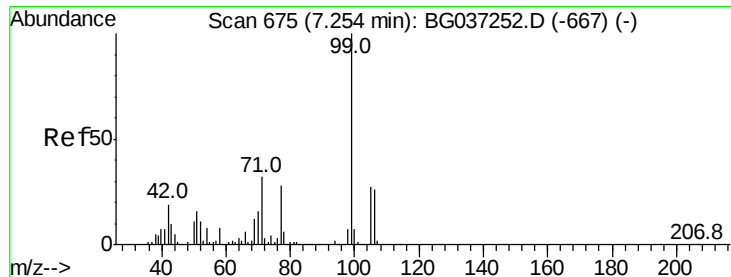
2-Fluorophenol
Concen: 49.921 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt Ion:112 Resp: 164439
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 32.9 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: 29.266 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

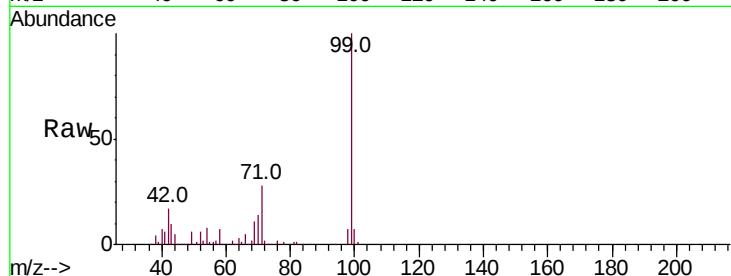
Tot Ion: 99 Resp: 146322

Ion Ratio Lower Upper

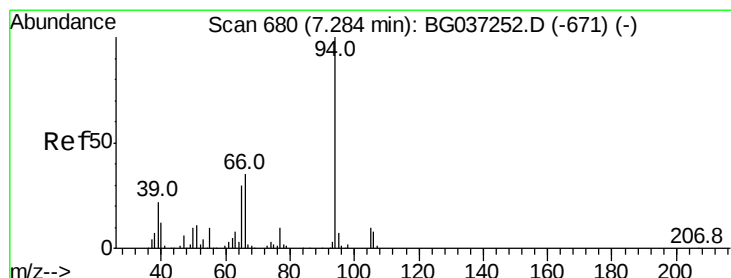
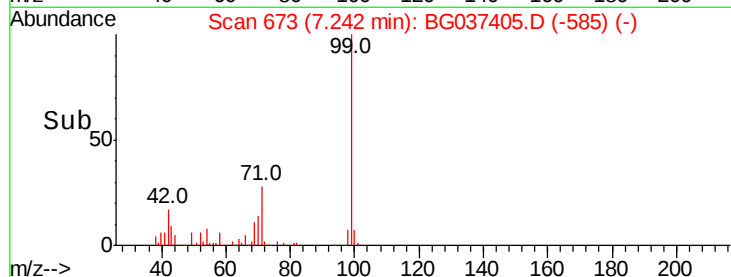
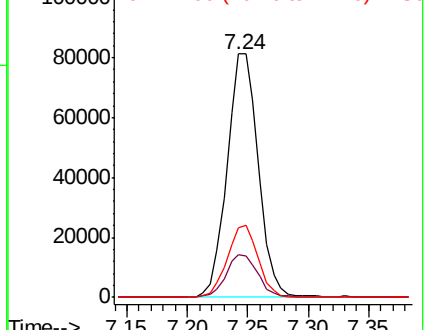
99 100

42 17.3 15.0 22.4

71 28.4 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: 4.450 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

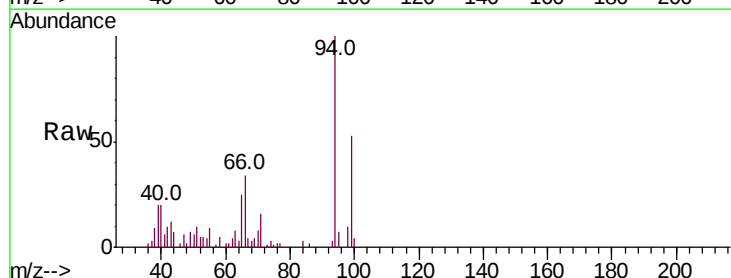
Tgt Ion: 94 Resp: 23435

Ion Ratio Lower Upper

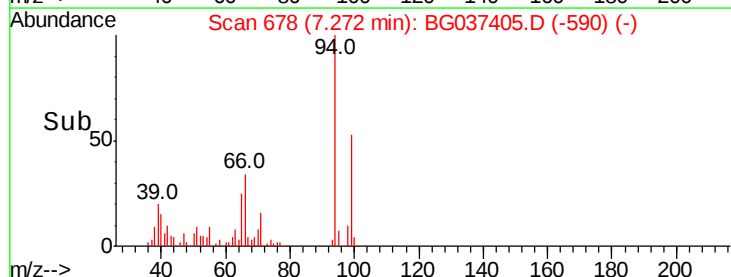
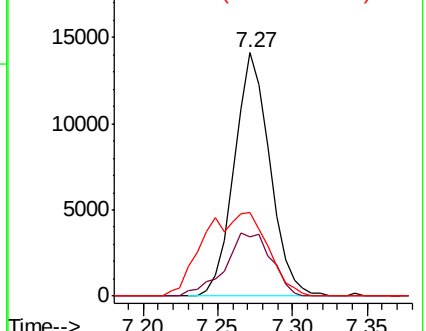
94 100

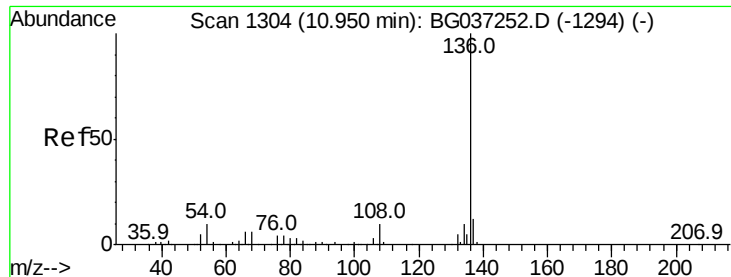
65 24.6 9.7 49.7

66 34.4 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

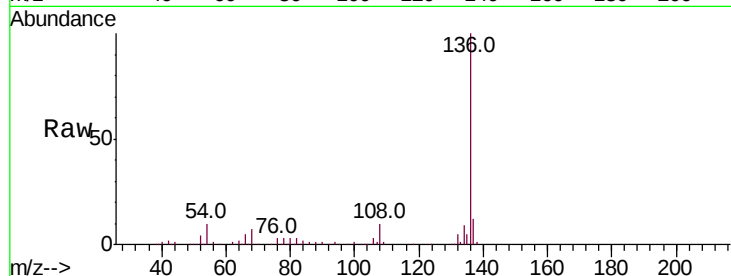




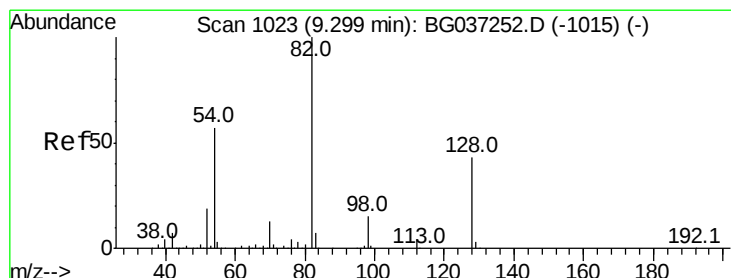
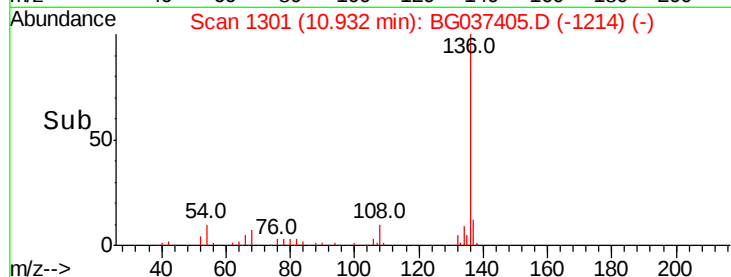
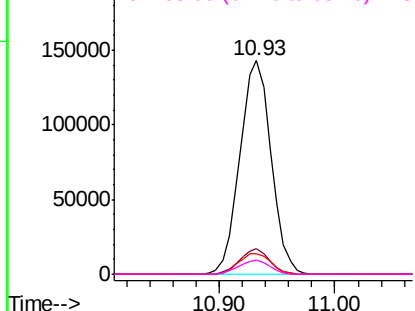
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

Tot Ion:136	Resp:	268092	
Ion Ratio	Lower	Upper	
136 100			
137 12.2	9.6	14.4	
54 9.8	7.9	11.9	
68 6.8	4.8	7.2	

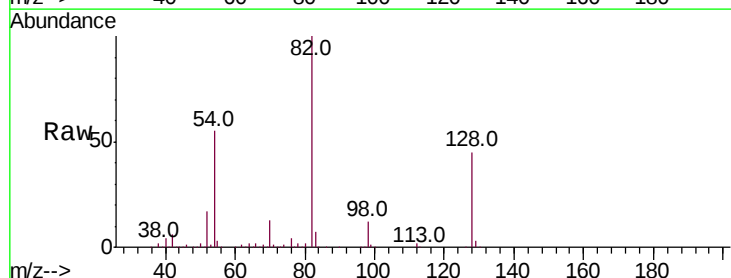


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

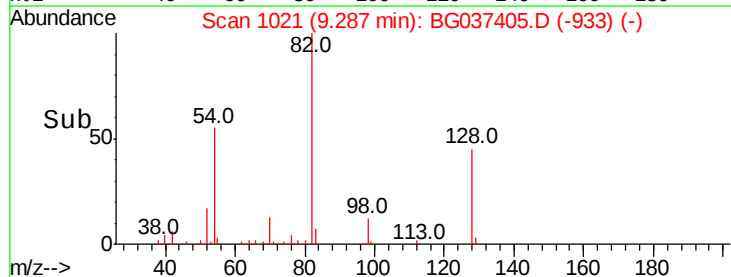
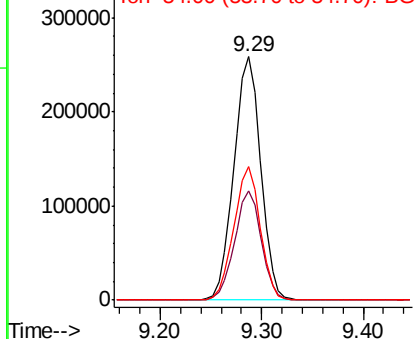


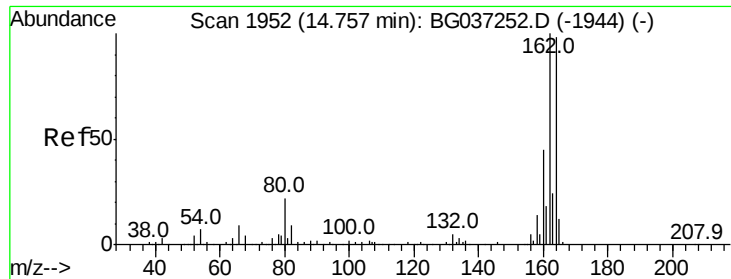
#23
Nitrobenzene-d5
Concen: 117.000 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt	Ion: 82	Resp:	477098
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	54.7	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: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

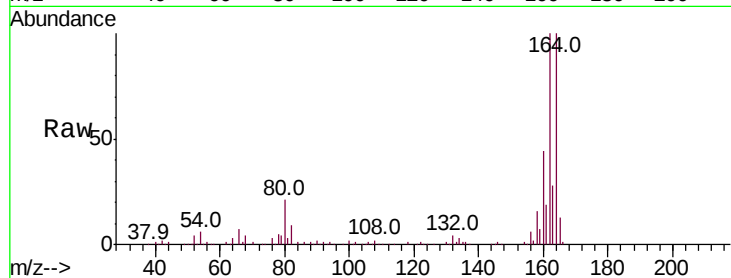
Tot Ion:164 Resp: 179645

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

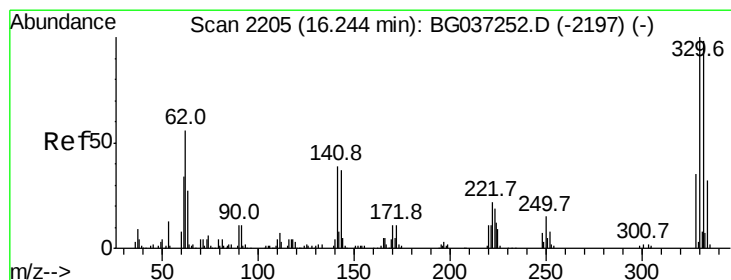
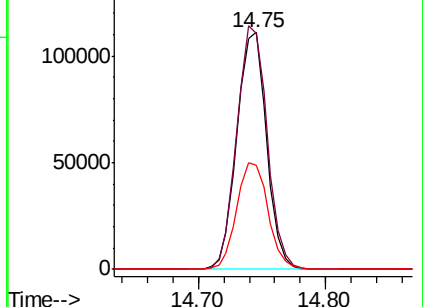
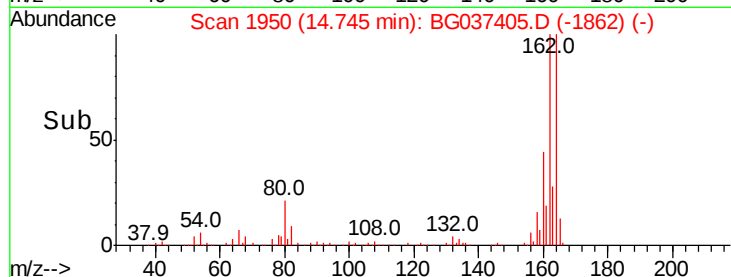
160 43.8 36.3 54.5



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: 114.431 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

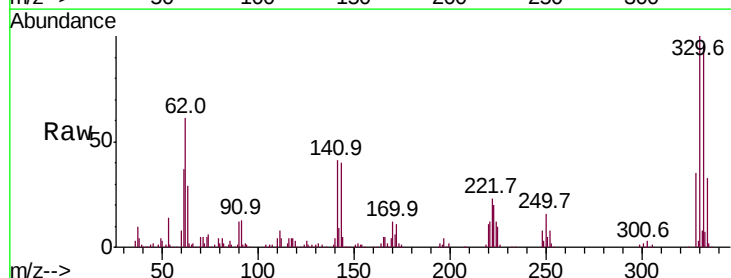
Tgt Ion:330 Resp: 201607

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

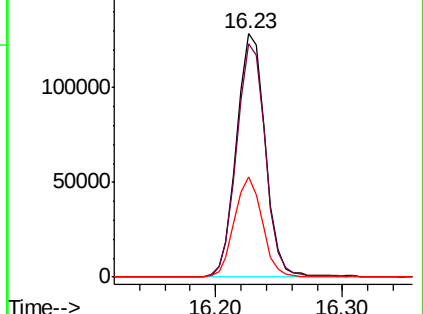
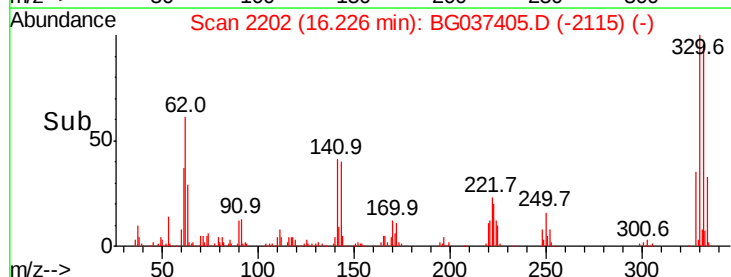
141 40.0 32.2 48.2

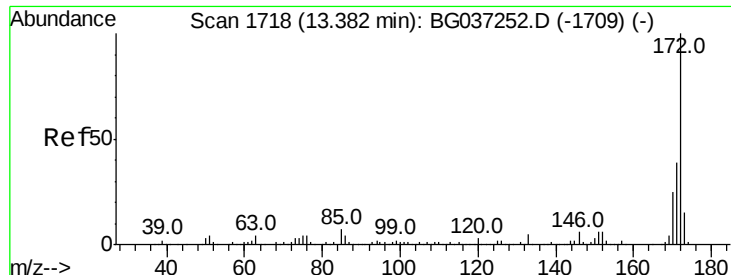


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



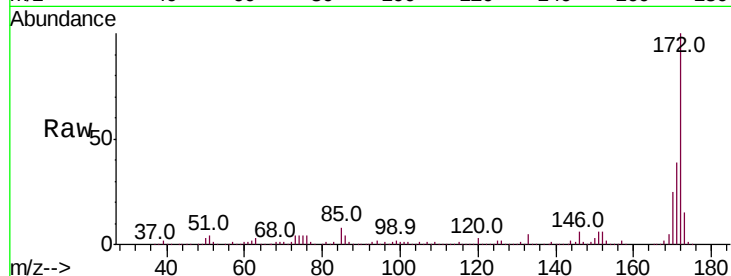


#45
 2-Fluorobiphenyl
 Concen: 96.971 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

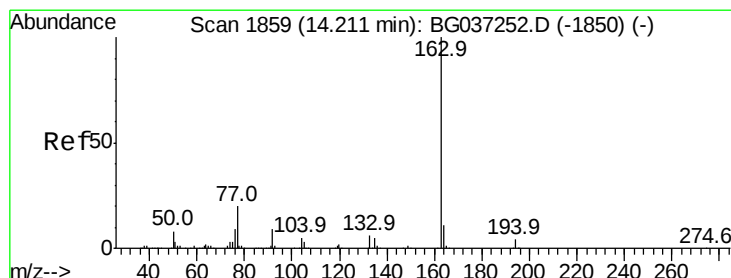
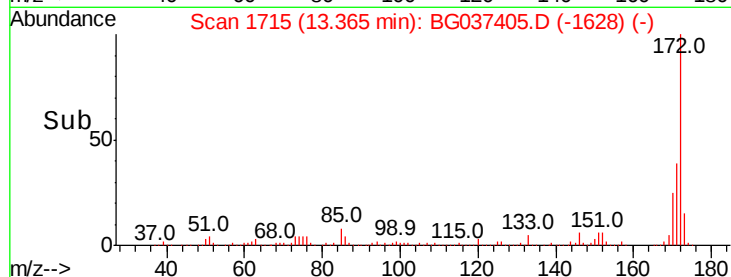
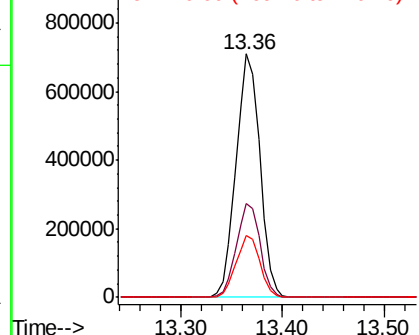
Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-B

Tot Ion:172 Resp: 1159992

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.3	20.2	30.2



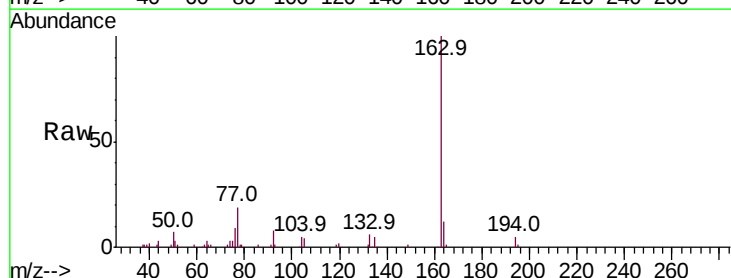
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



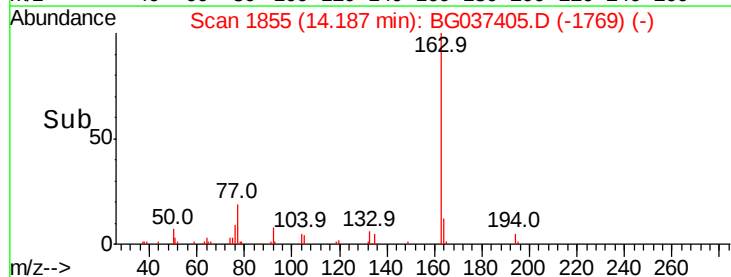
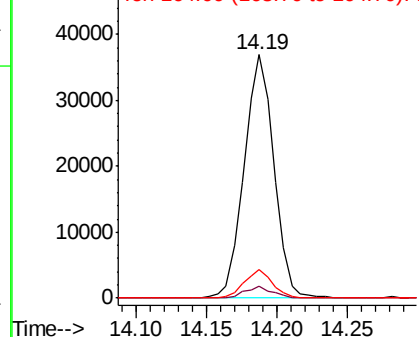
#50
 Dimethylphthalate
 Concen: 3.853 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037405.D
 Acq: 18 Oct 2018 00:40

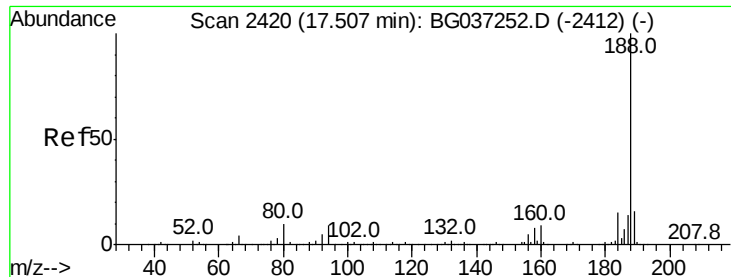
Tgt Ion:163 Resp: 54398

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.5	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

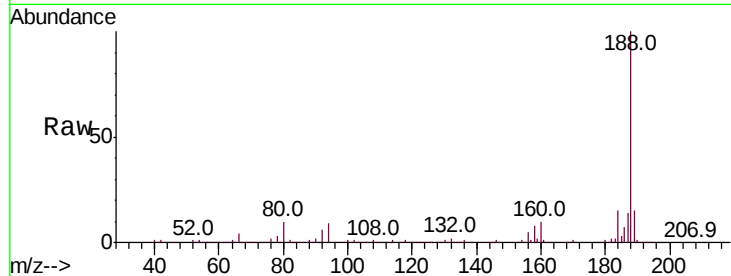




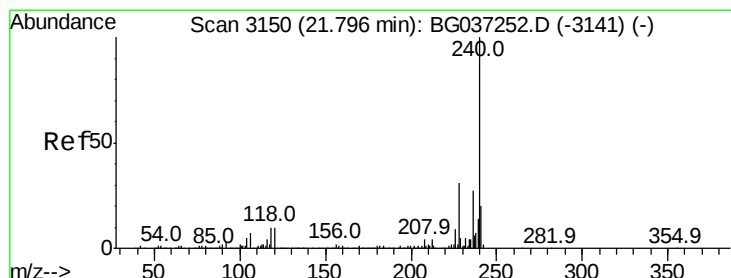
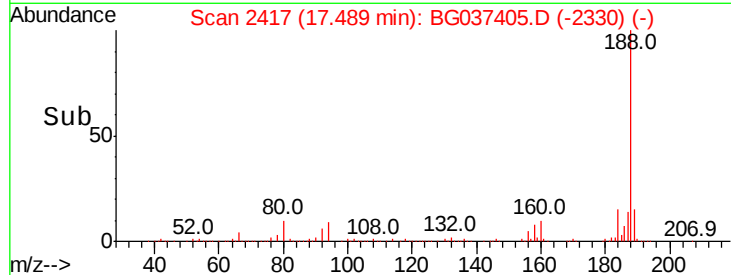
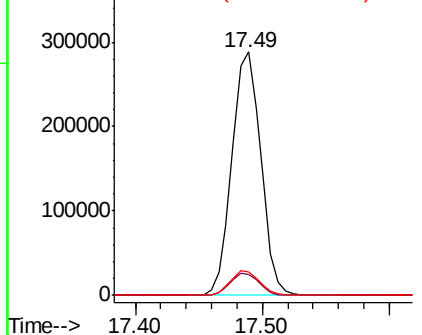
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-B

Tot Ion:188 Resp: 453289
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.7 11.5

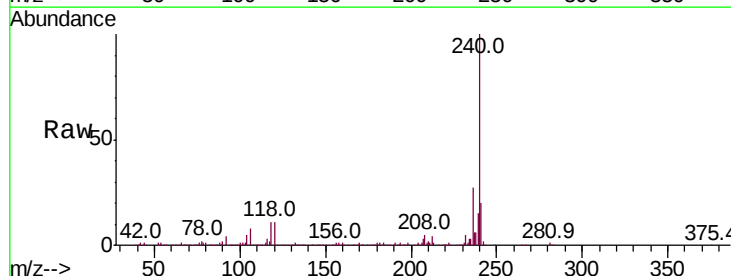


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

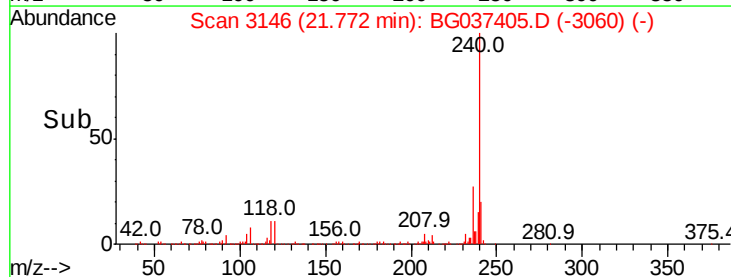
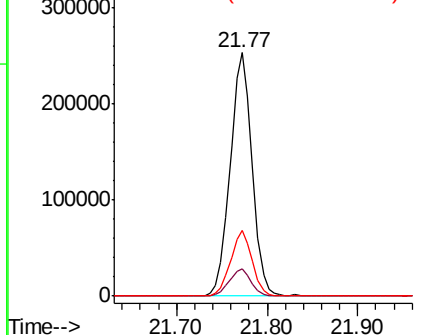


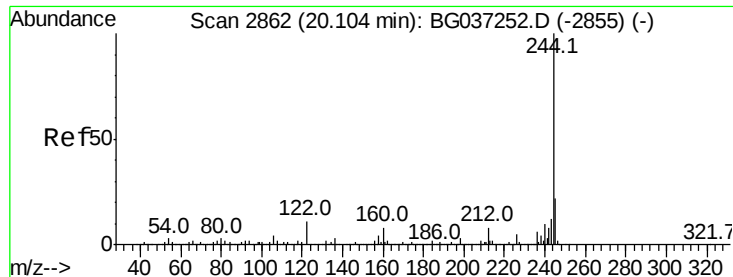
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037405.D
Acq: 18 Oct 2018 00:40

Tgt Ion:240 Resp: 425981
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.2 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: 84.279 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037405.D

Acq: 18 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-B

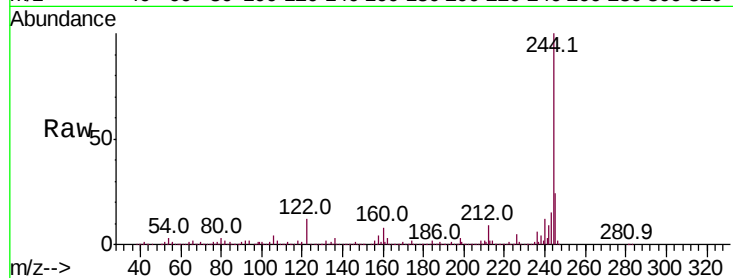
Tot Ion:244 Resp: 1709782

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

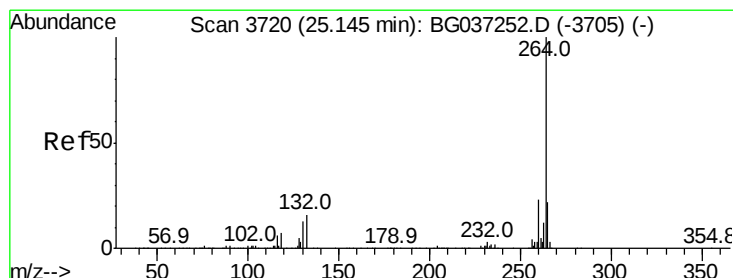
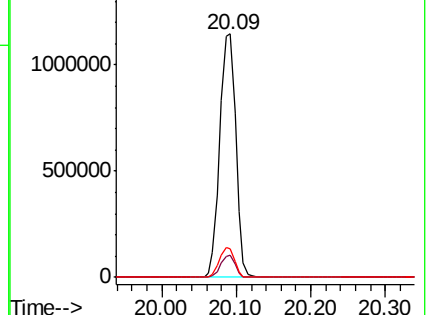
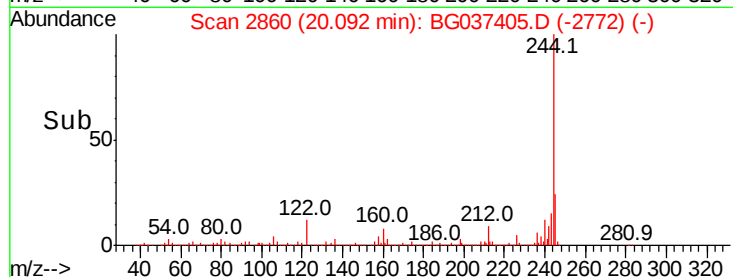
122 11.7 9.0 13.4



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: BG037405.D

Acq: 18 Oct 2018 00:40

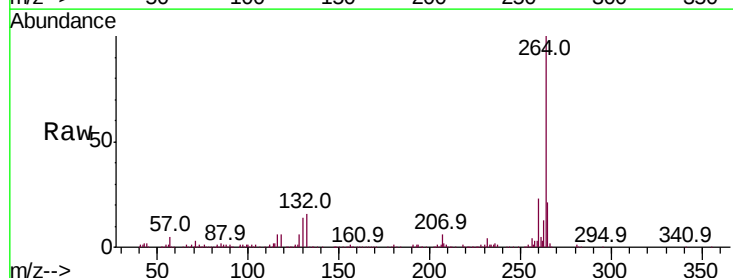
Tgt Ion:264 Resp: 422981

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.2 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

