

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037041.D
 Acq On : 28 Sep 2018 8:54
 Operator : JU/SJ
 Sample : J5076-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092418-DBRI-E-D-S

Quant Time: Sep 28 13:31:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

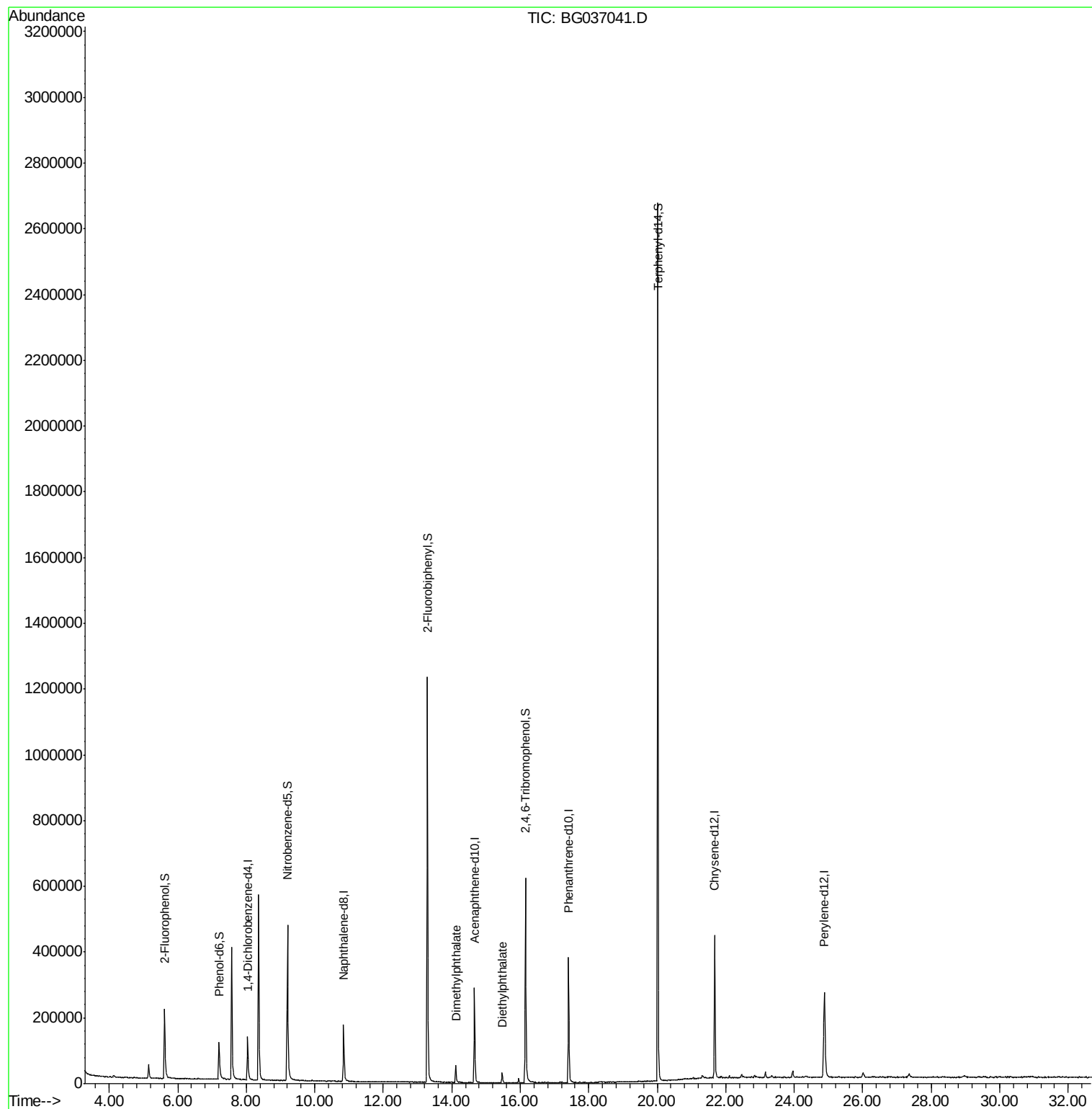
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42145	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169983	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	105960	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	274565	20.00	ng	0.00
75) Chrysene-d12	21.68	240	296024	20.00	ng	-0.01
86) Perylene-d12	24.87	264	295893	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	108661	49.45	ng	0.00
7) Phenol-d6	7.20	99	91030	26.77	ng	-0.01
23) Nitrobenzene-d5	9.20	82	354175	111.58	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	130606	103.02	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	699365	98.30	ng	-0.01
78) Terphenyl-d14	20.02	244	1304137	115.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	44238	5.187	ng	99
59) Diethylphthalate	15.47	149	20126	2.340	ng	99

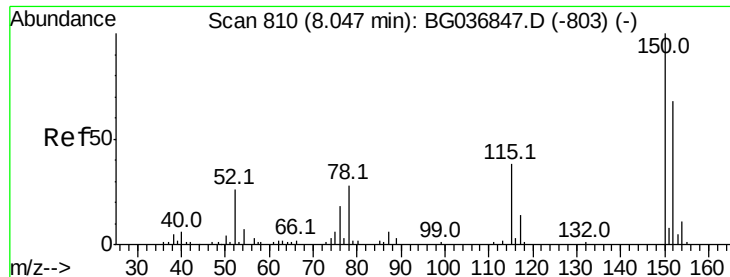
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-D-S

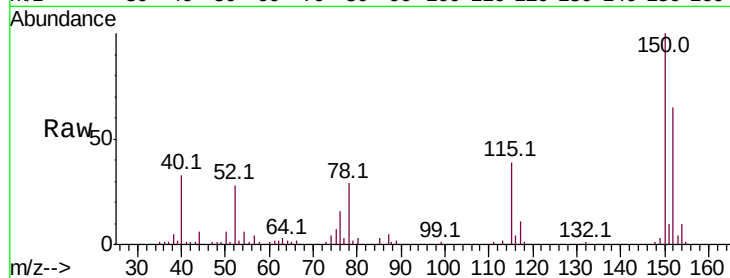
Tot Ion:152 Resp: 42145

Ion Ratio Lower Upper

152 100

150 154.0 119.5 179.3

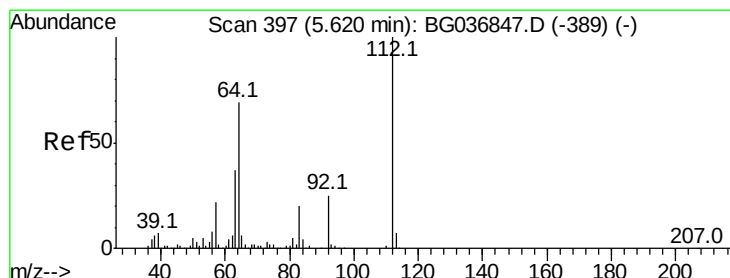
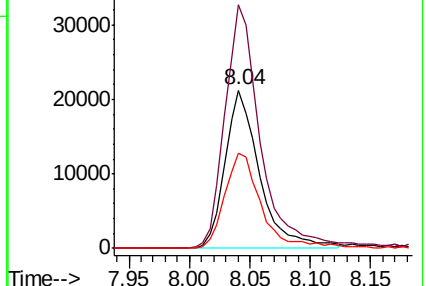
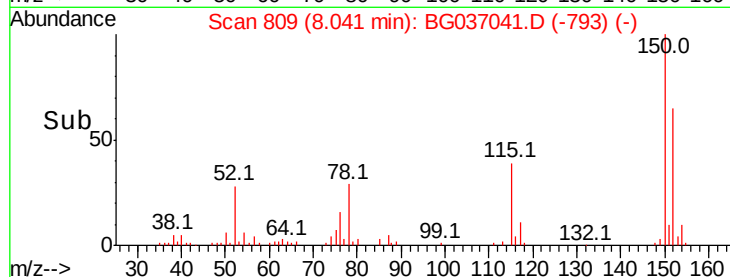
115 60.2 44.5 66.7



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: 49.446 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

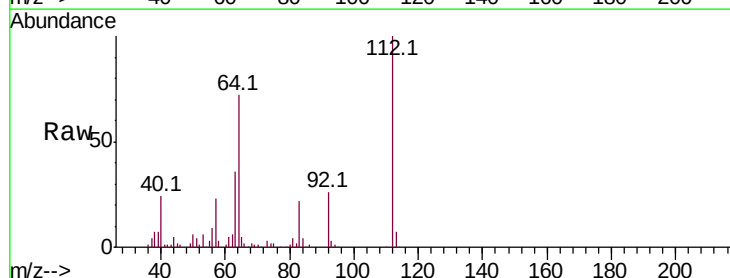
Tgt Ion:112 Resp: 108661

Ion Ratio Lower Upper

112 100

64 71.9 57.2 85.8

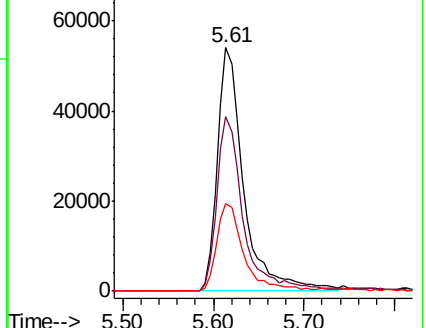
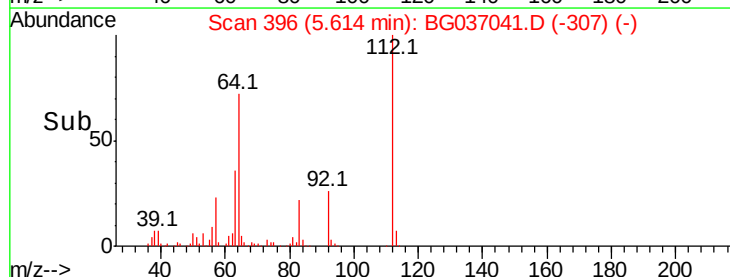
63 35.9 30.8 46.2

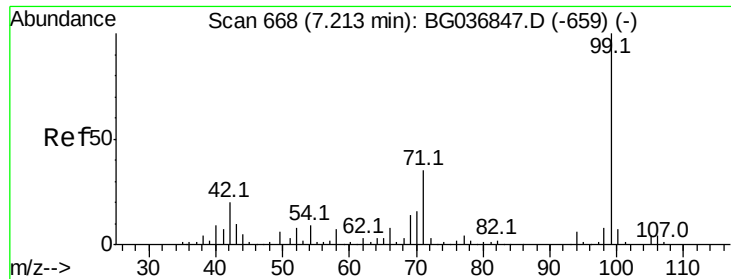


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.773 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-D-S

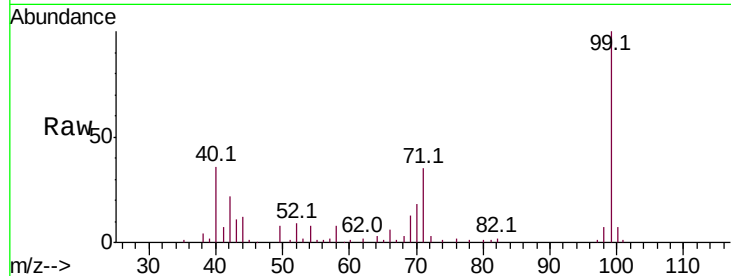
Tot Ion: 99 Resp: 91030

Ion Ratio Lower Upper

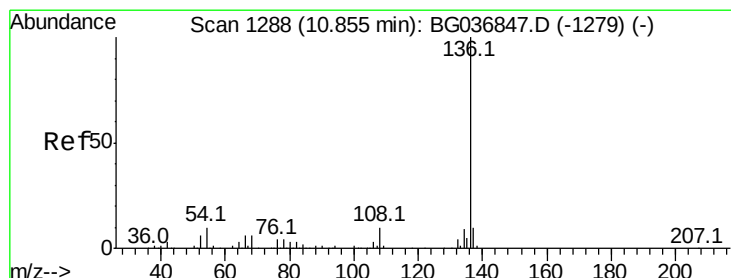
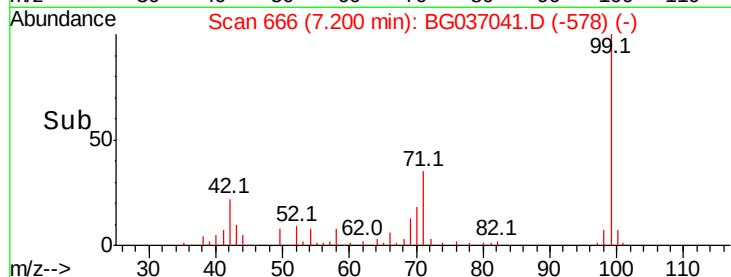
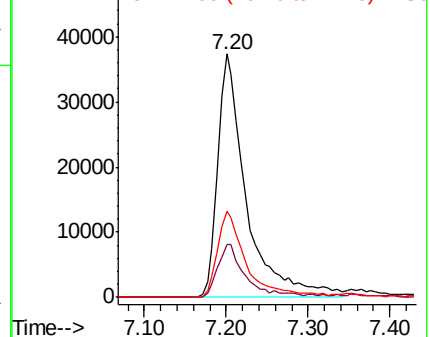
99 100

42 21.6 16.5 24.7

71 35.3 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

Tgt Ion: 136 Resp: 169983

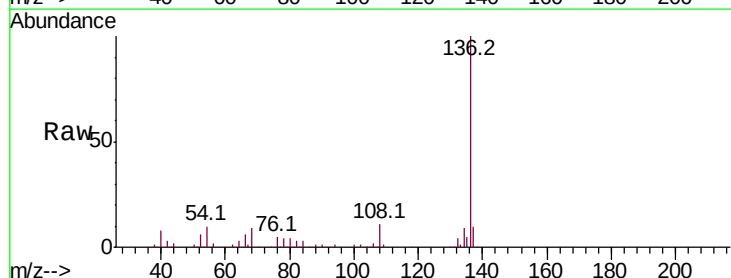
Ion Ratio Lower Upper

136 100

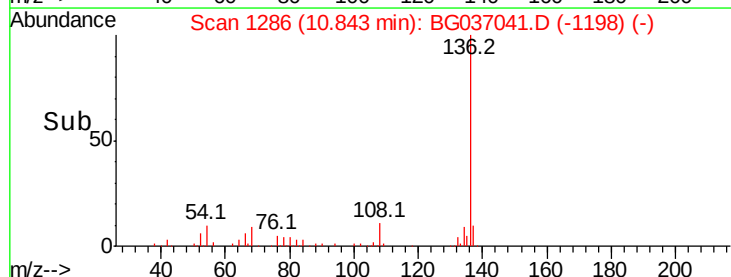
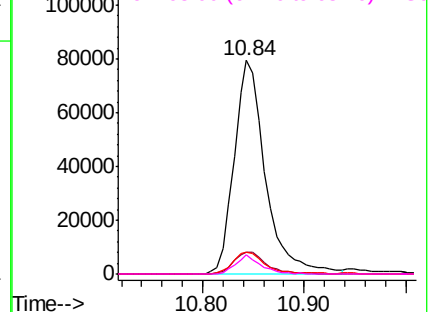
137 10.4 8.8 13.2

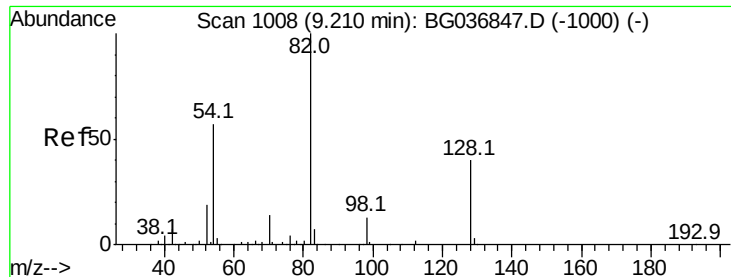
54 10.5 9.2 13.8

68 8.9 5.8 8.6#



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

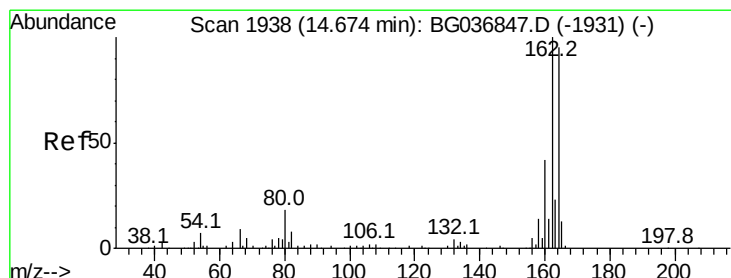
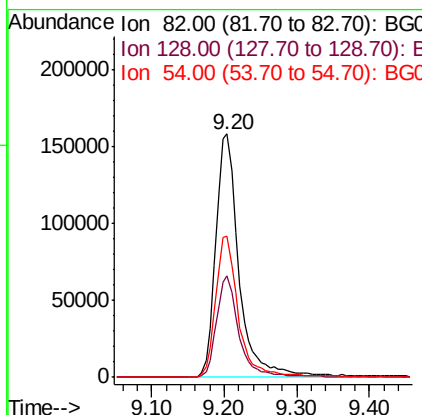
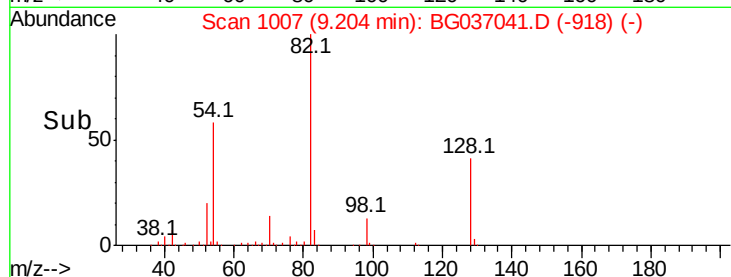
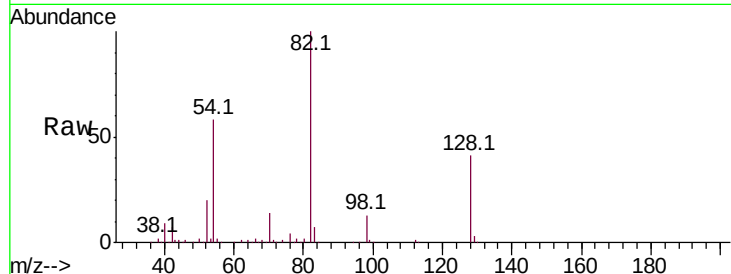




#23
Nitrobenzene-d5
Concen: 111.578 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037041.D
Acq: 28 Sep 2018 8:54

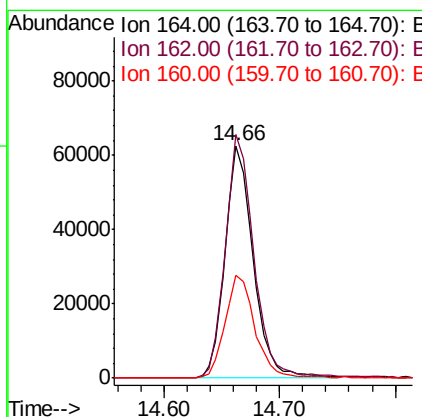
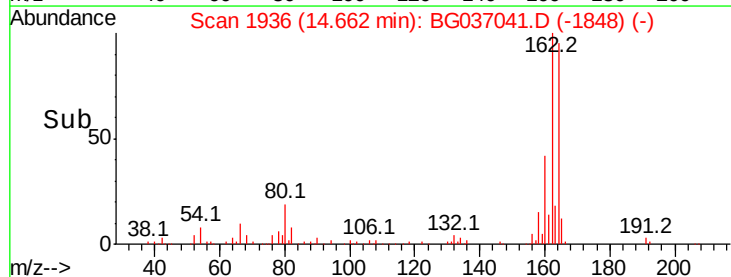
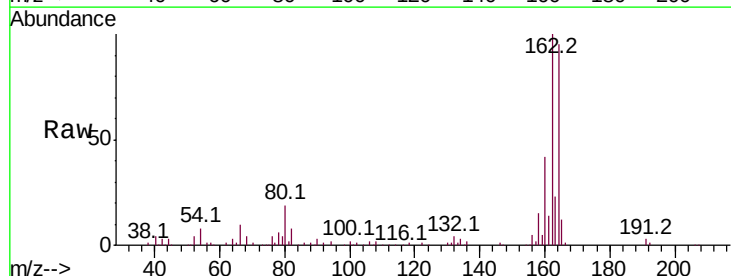
Instrument :
BNA_G
ClientSampleId :
092418-DBRI-E-D-S

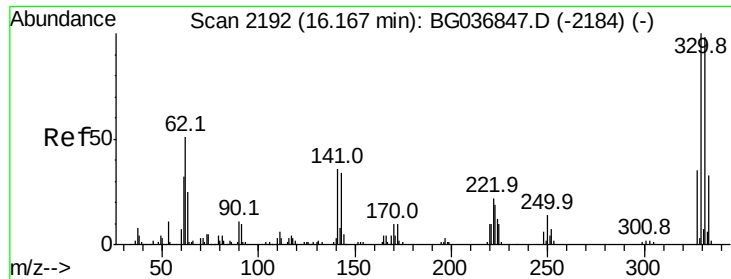
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	58.1	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037041.D
Acq: 28 Sep 2018 8:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.7	121.1
160	44.4	35.3	52.9

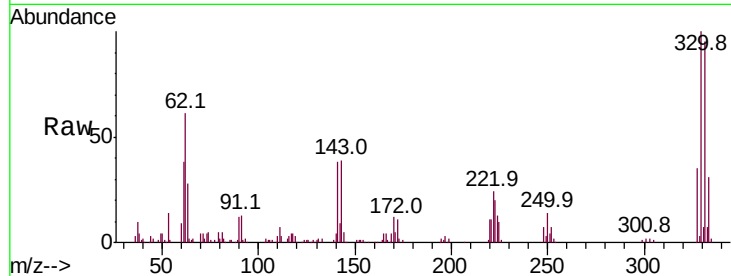




#41
 2,4,6-Tribromophenol
 Concen: 103.022 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037041.D
 Acq: 28 Sep 2018 8:54

Instrument :
 BNA_G
 ClientSampleId :
 092418-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	40.8	30.7	46.1

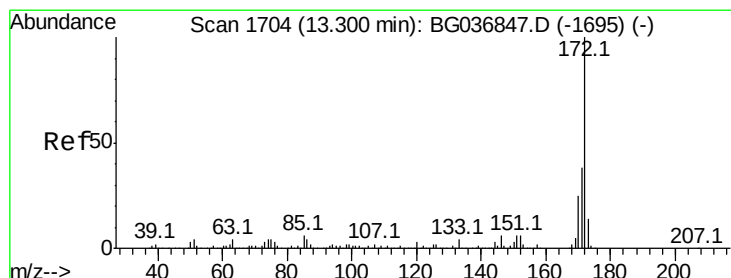
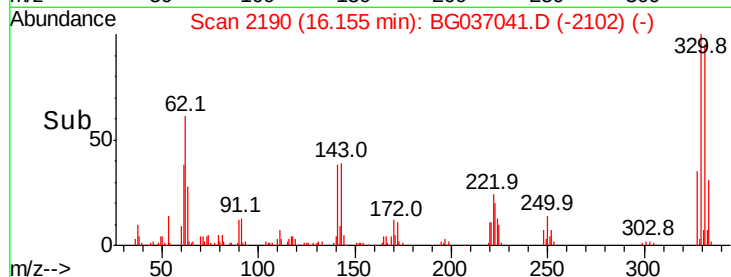
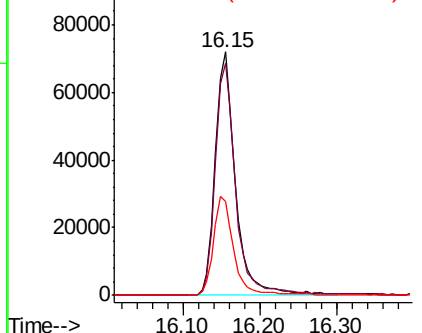


Abundance

Ion 329.80 (329.50 to 330.50): E

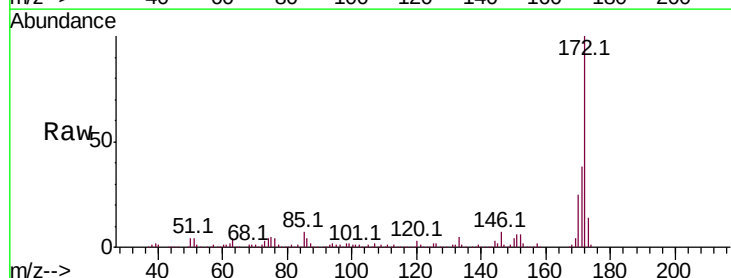
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.304 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037041.D
 Acq: 28 Sep 2018 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.1	21.0	31.6

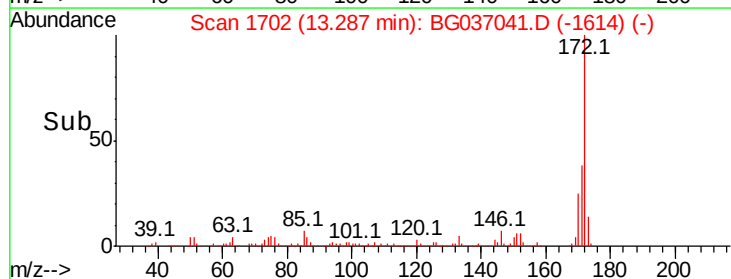
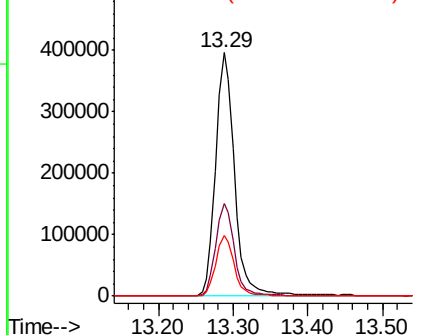


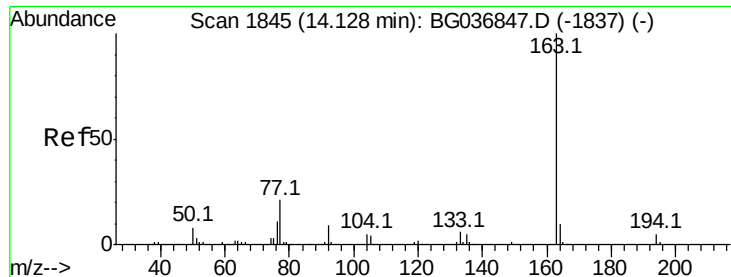
Abundance

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





#49

Dimethylphthalate

Concen: 5.187 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-D-S

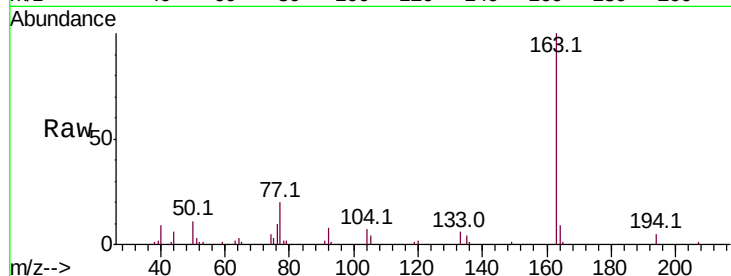
Tot Ion:163 Resp: 44238

Ion Ratio Lower Upper

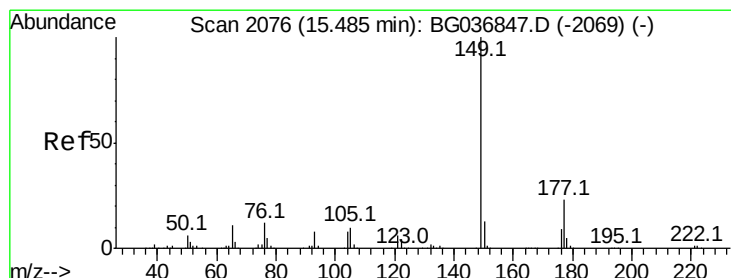
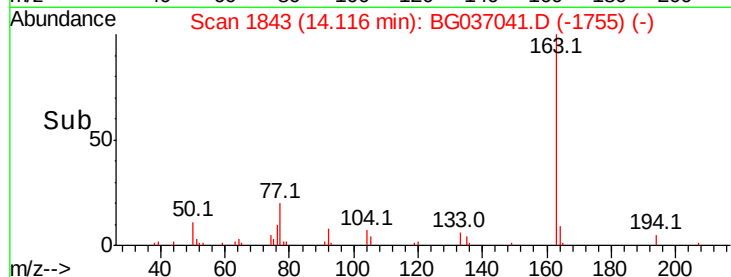
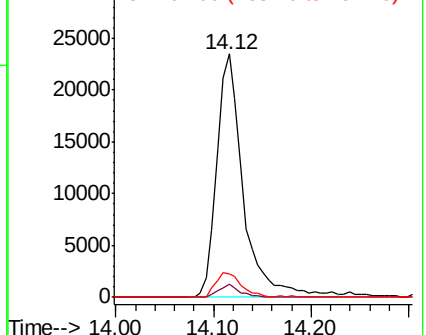
163 100

194 5.3 4.0 6.0

164 9.5 8.1 12.1



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



#59

Diethylphthalate

Concen: 2.340 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

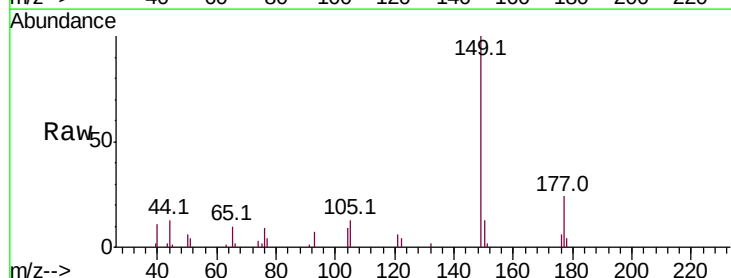
Tgt Ion:149 Resp: 20126

Ion Ratio Lower Upper

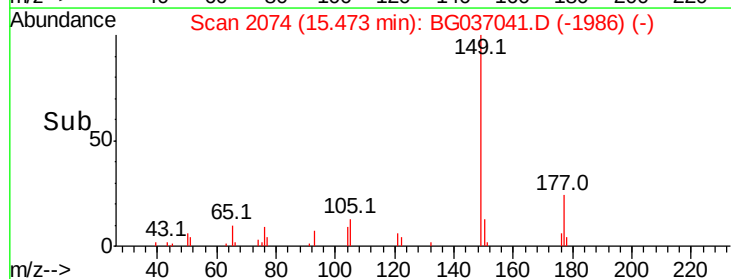
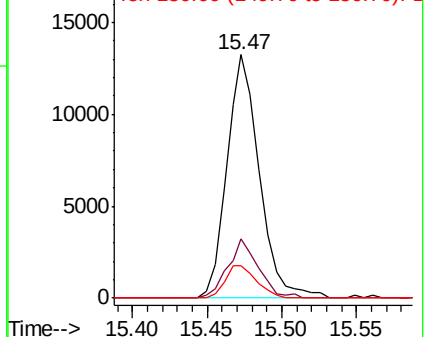
149 100

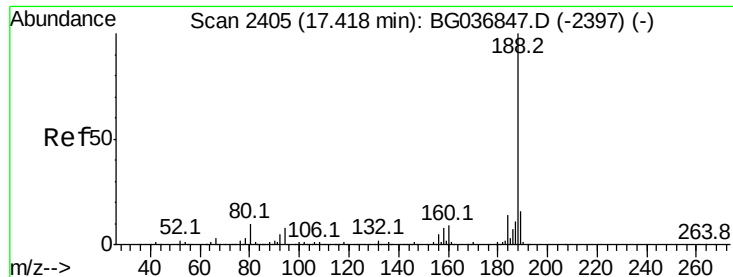
177 24.2 19.1 28.7

150 13.1 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

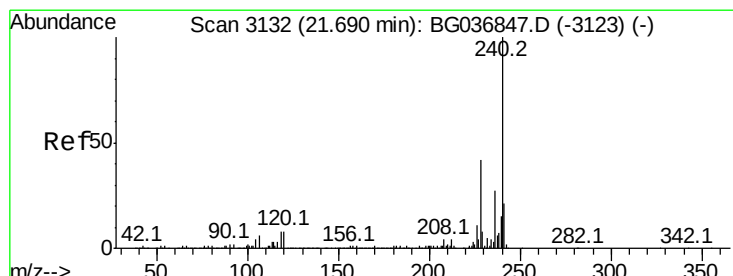
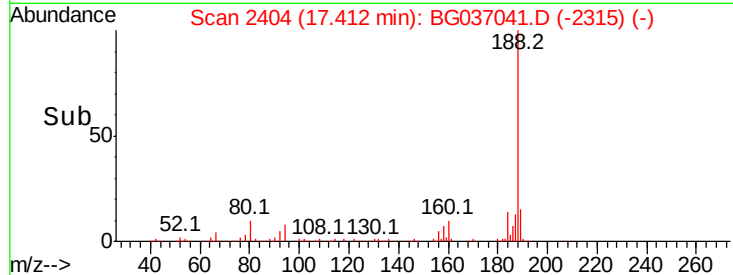
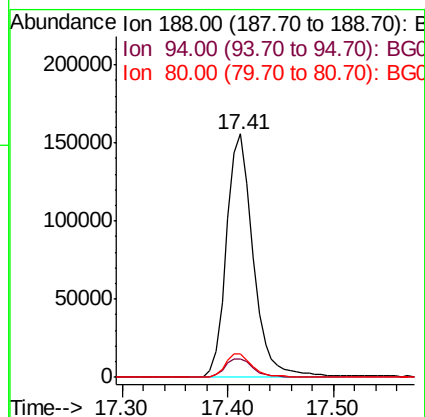
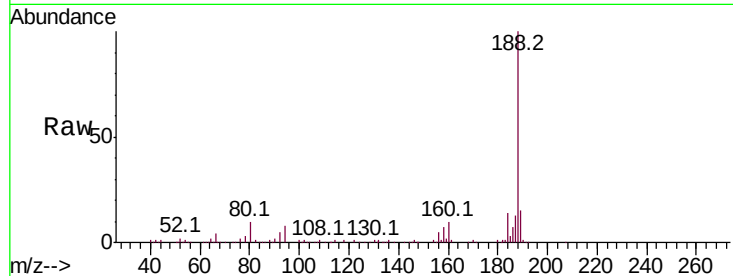




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037041.D
Acq: 28 Sep 2018 8:54

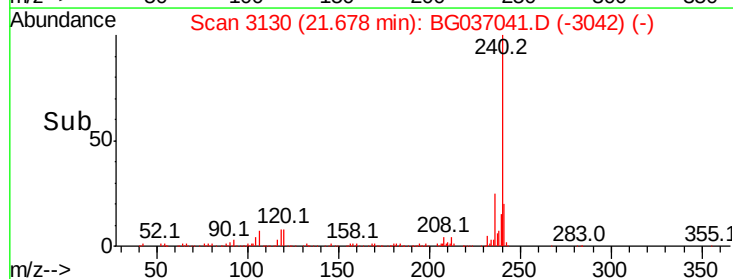
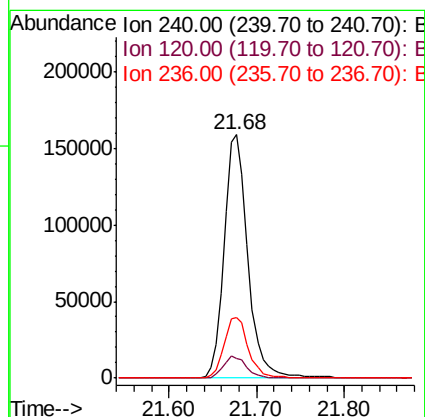
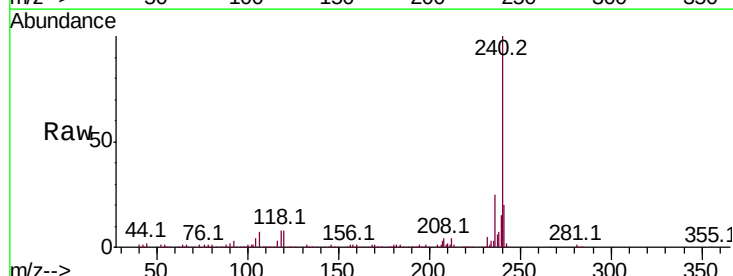
Instrument :
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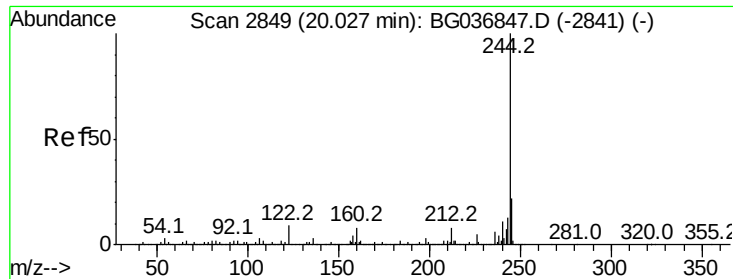
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.7	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037041.D
Acq: 28 Sep 2018 8:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	25.1	21.2	31.8





#78

Terphenyl-d14

Concen: 115.843 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-D-S

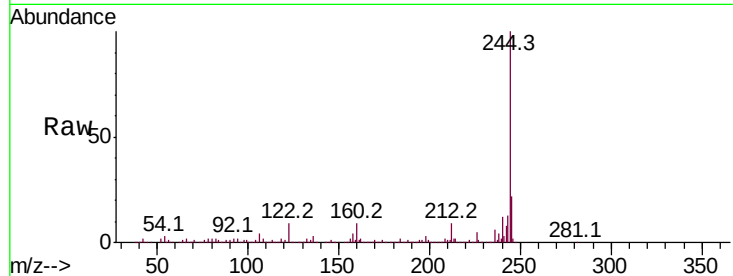
Tot Ion:244 Resp: 1304137

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.9 7.0 10.6

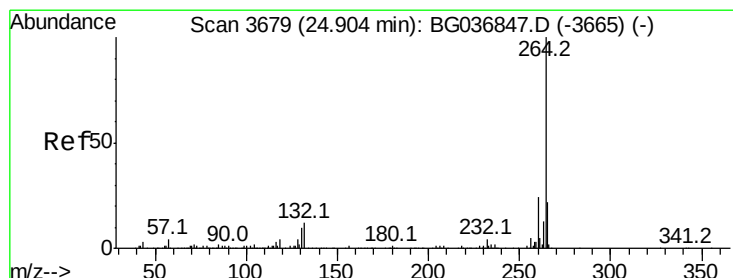
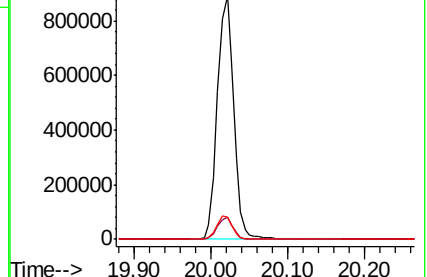
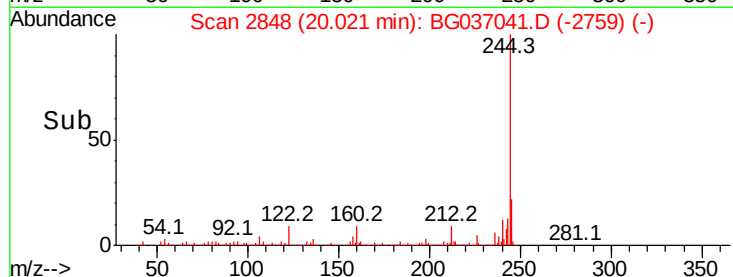
122 9.3 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037041.D

Acq: 28 Sep 2018 8:54

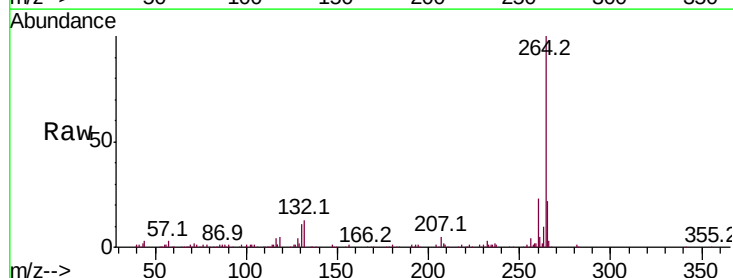
Tgt Ion:264 Resp: 295893

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.6	17.4	26.0

264 100

260 22.9 19.6 29.4

265 21.6 17.4 26.0



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

