

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037713.D
 Acq On : 1 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5731-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-U-M

Quant Time: Nov 01 14:23:09 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

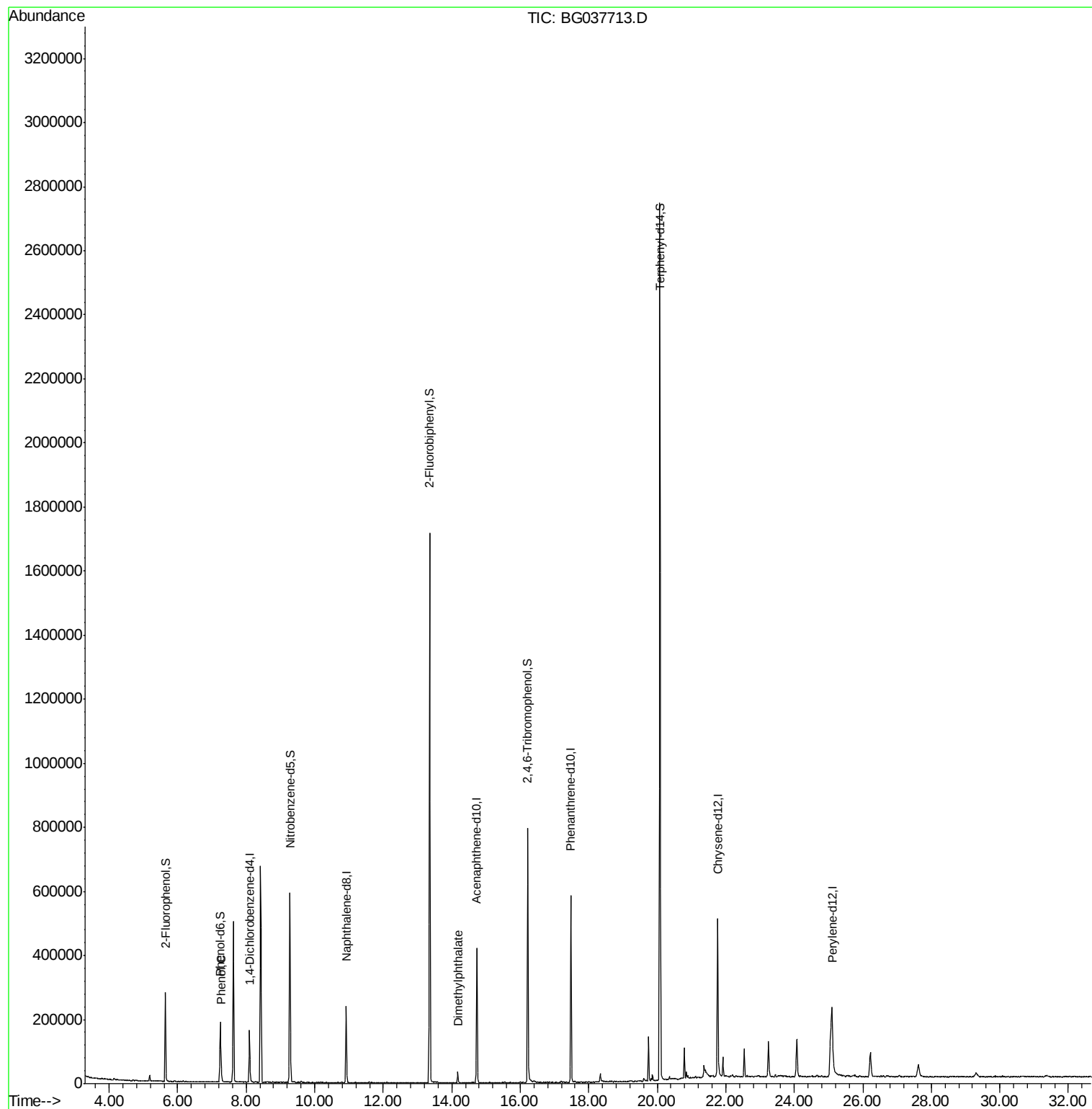
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49560	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	220896	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	157451	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	374371	20.00	ng	0.00
76) Chrysene-d12	21.76	240	332389	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	129644	43.73	ng	0.00
7) Phenol-d6	7.24	99	121377	27.08	ng	-0.01
23) Nitrobenzene-d5	9.28	82	386262	97.96	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	156489	91.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	940873	90.11	ng	-0.01
79) Terphenyl-d14	20.08	244	1363142	87.63	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	48558	10.267	ng	94
50) Dimethylphthalate	14.18	163	26860	2.205	ng	97

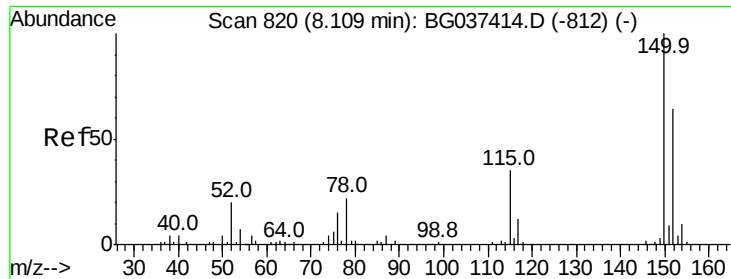
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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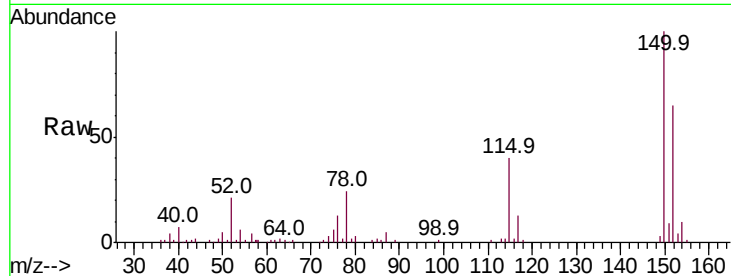


#1

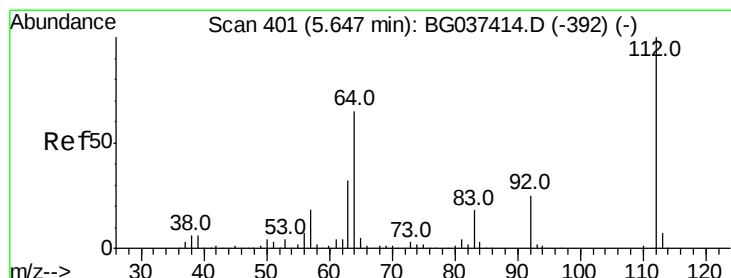
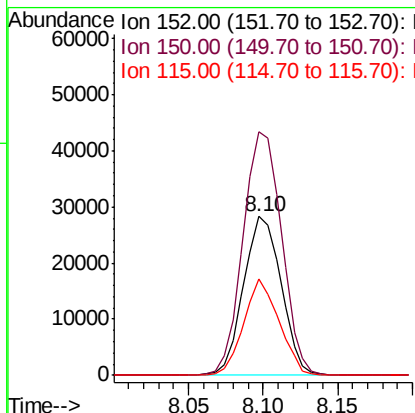
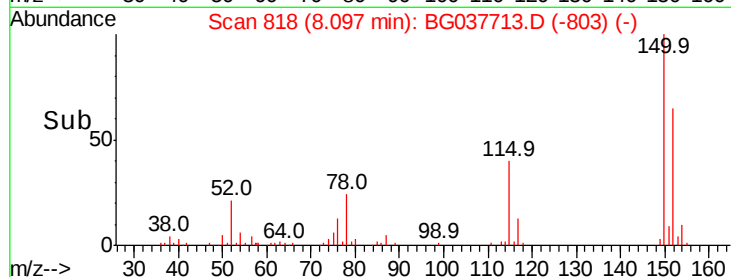
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-U-M

Tot Ion:152 Resp: 49560
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 60.8 45.5 68.3



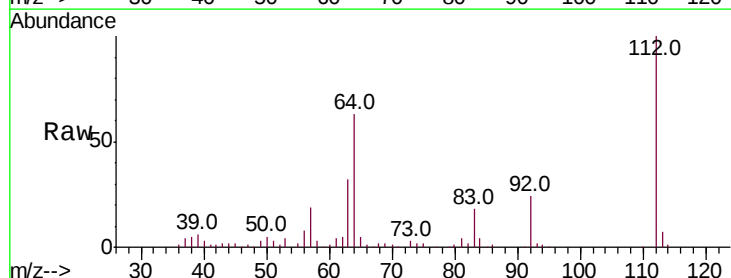
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



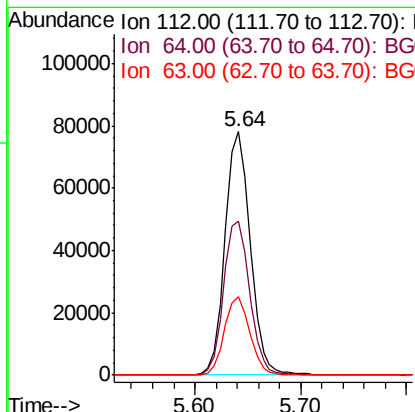
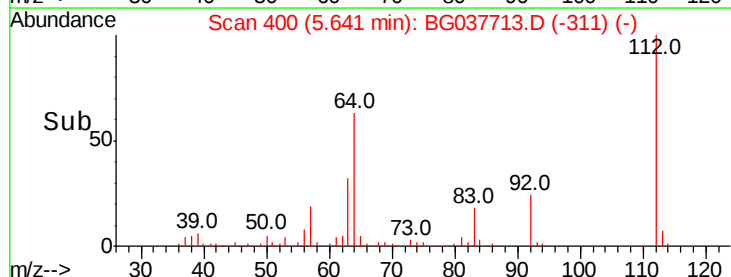
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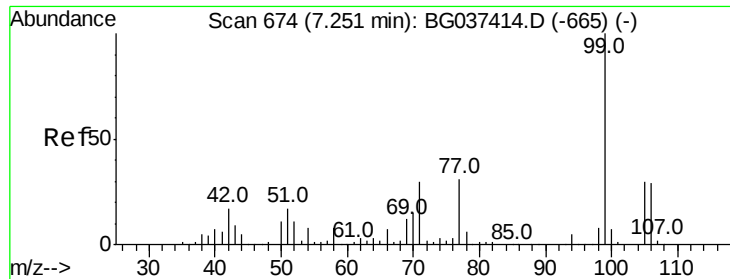
2-Fluorophenol
Concen: 43.734 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion:112 Resp: 129644
Ion Ratio Lower Upper
112 100
64 63.1 53.1 79.7
63 32.1 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: 27.078 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-U-M

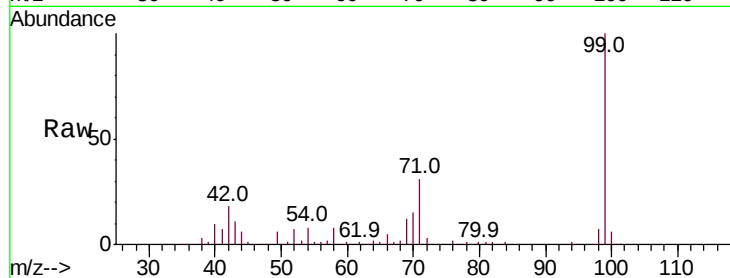
Tot Ion: 99 Resp: 121377

Ion Ratio Lower Upper

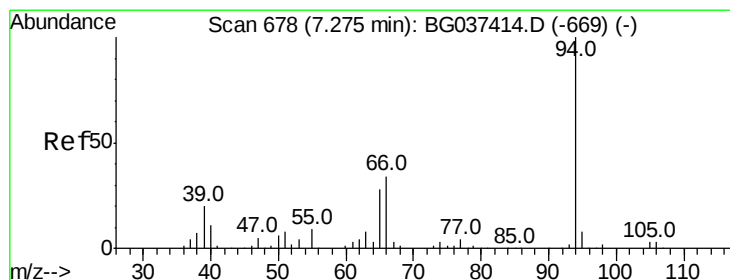
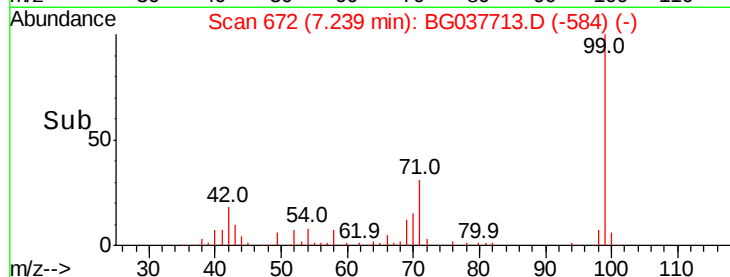
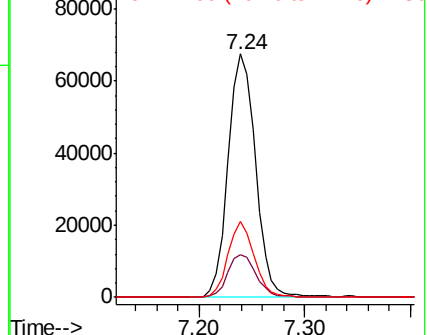
99 100

42 17.7 15.0 22.4

71 31.1 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: 10.267 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

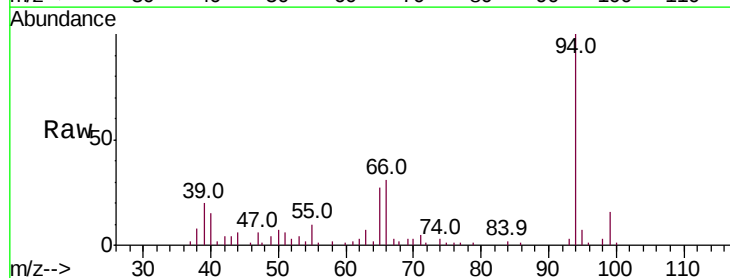
Tgt Ion: 94 Resp: 48558

Ion Ratio Lower Upper

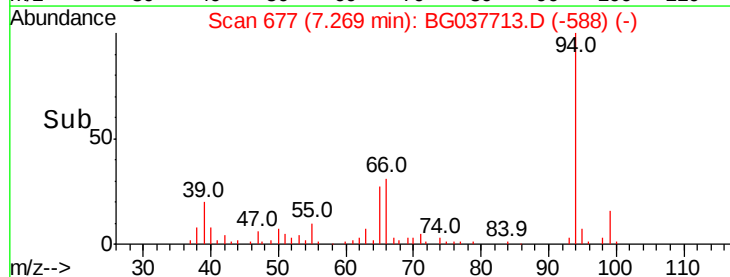
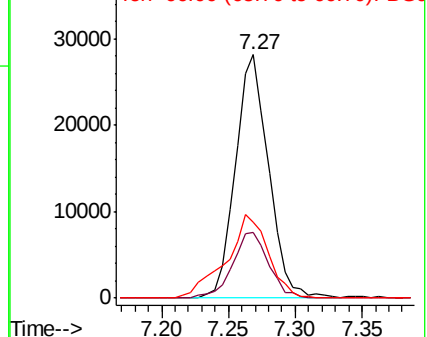
94 100

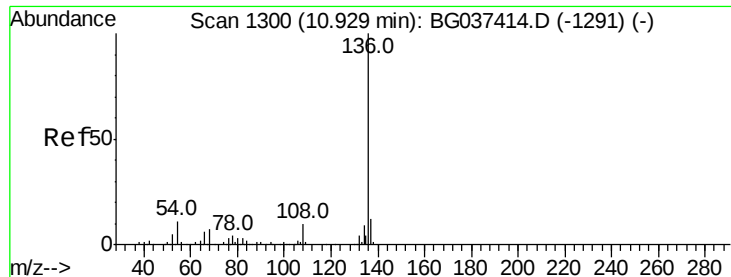
65 27.0 9.7 49.7

66 31.4 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

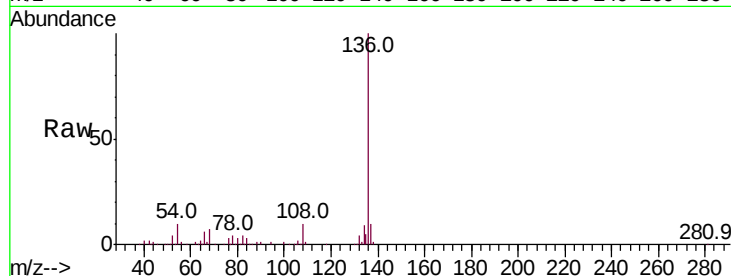




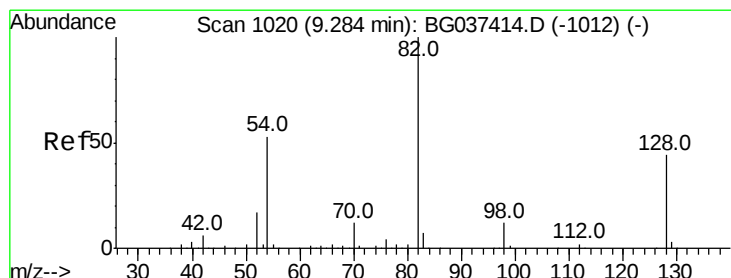
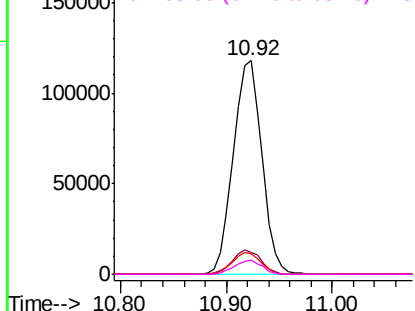
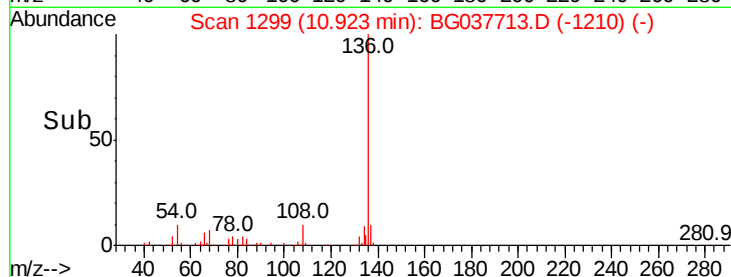
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-U-M

Tot Ion:136	Resp:	220896
Ion Ratio	Lower	Upper
136 100		
137 10.2	9.6	14.4
54 9.8	7.9	11.9
68 6.6	4.8	7.2

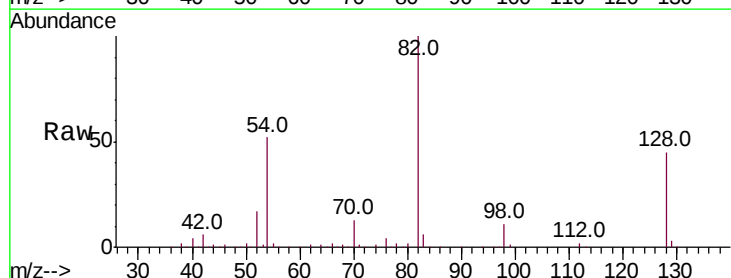


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

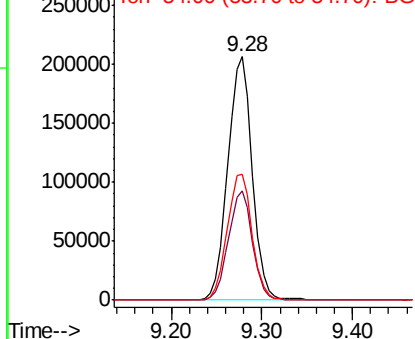
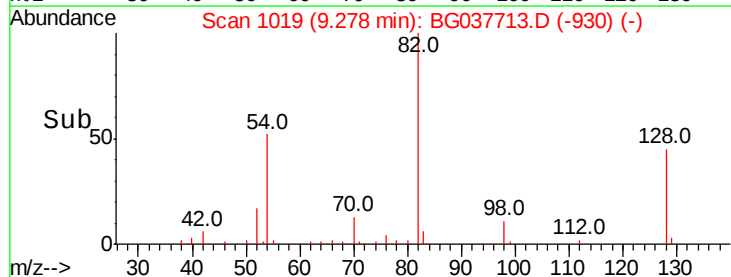


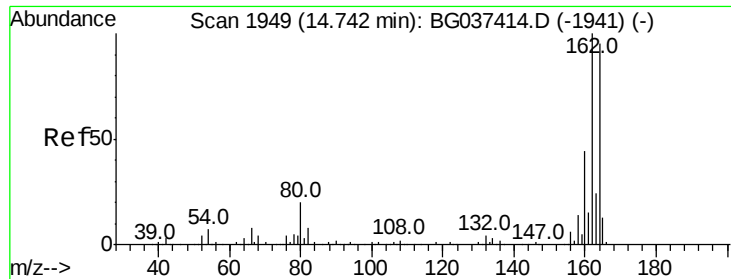
#23
Nitrobenzene-d5
Concen: 97.956 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion: 82	Resp: 386262
Ion Ratio	Lower Upper
82 100	
128 44.8	34.6 51.8
54 51.9	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: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-U-M

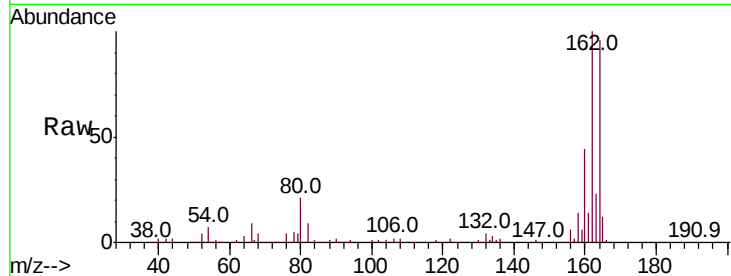
Tot Ion:164 Resp: 157451

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

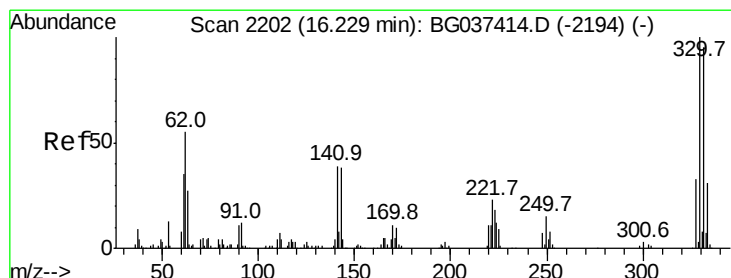
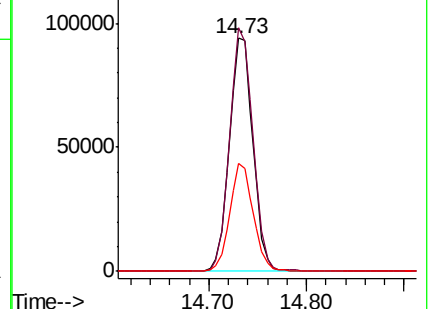
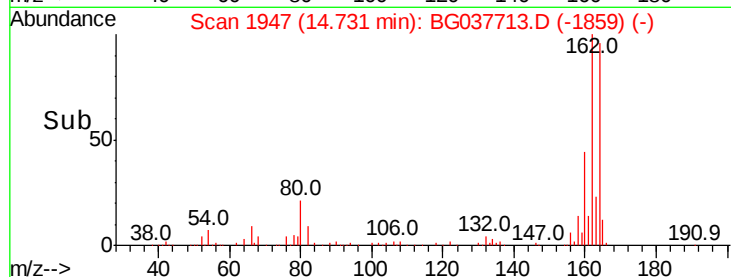
160 46.2 36.3 54.5



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: 91.125 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

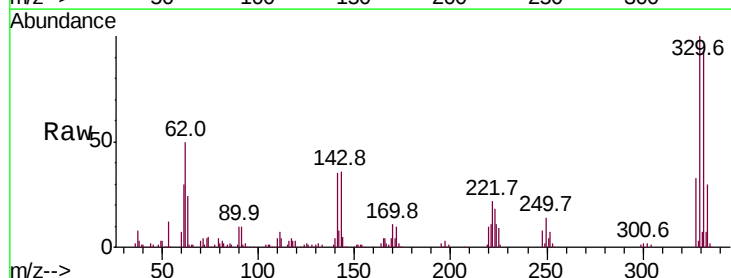
Tgt Ion:330 Resp: 156489

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

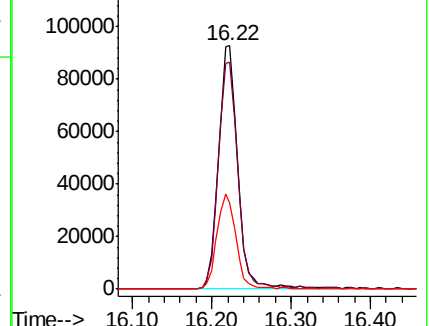
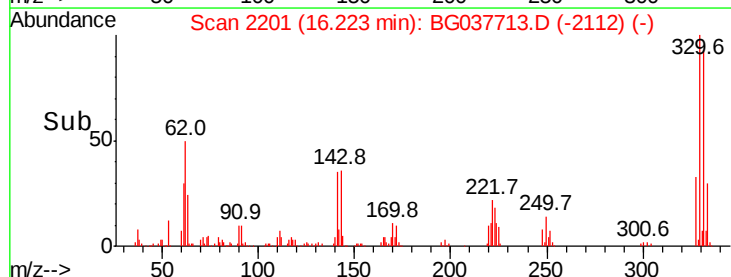
141 38.9 32.2 48.2

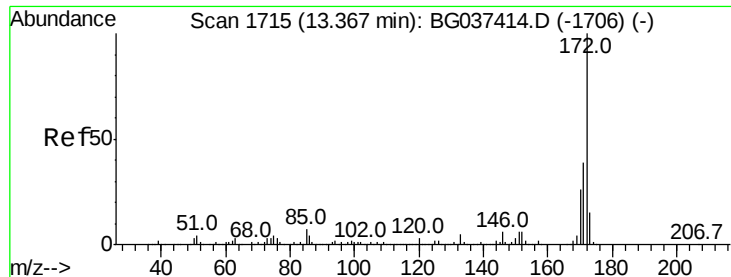


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

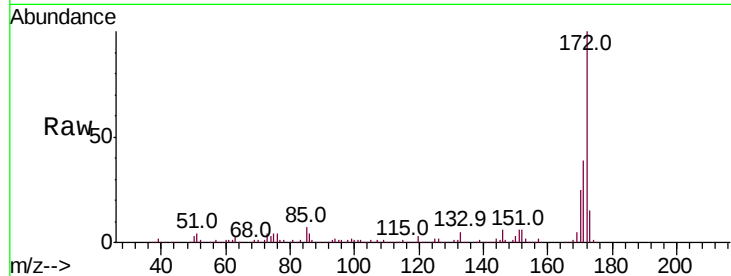




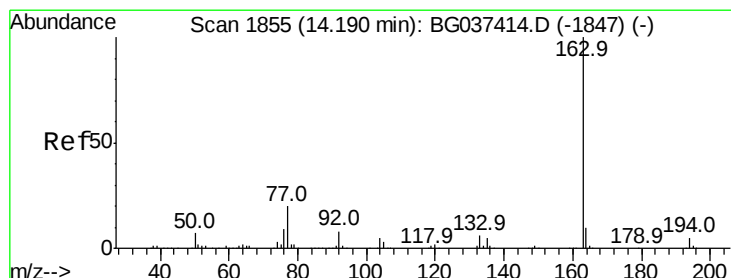
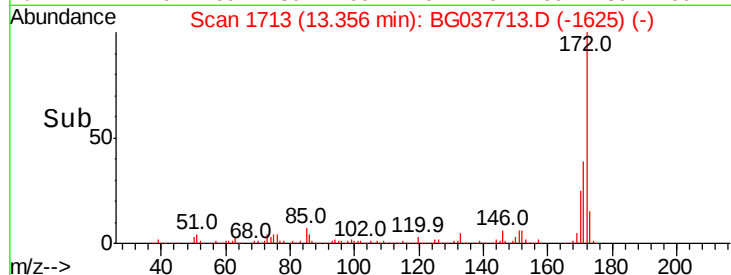
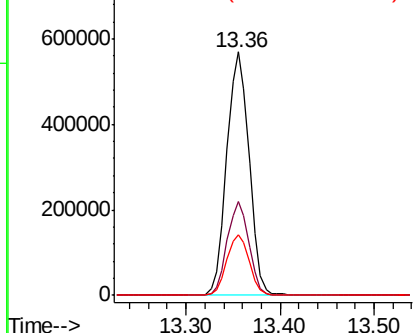
#45
2-Fluorobiphenyl
Concen: 90.110 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.9	20.2	30.2

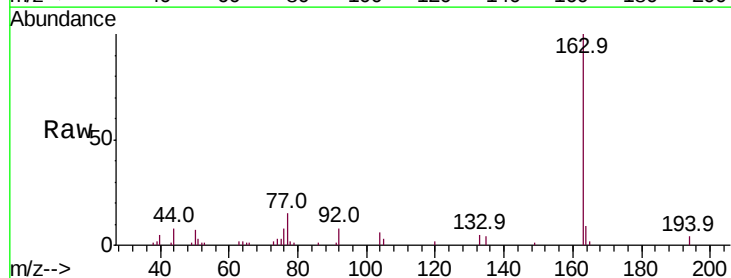


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

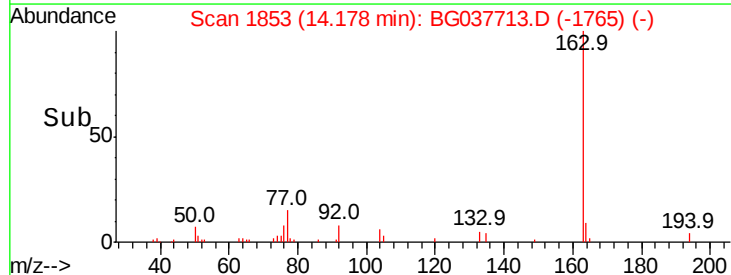
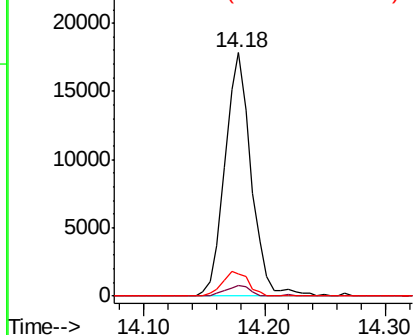


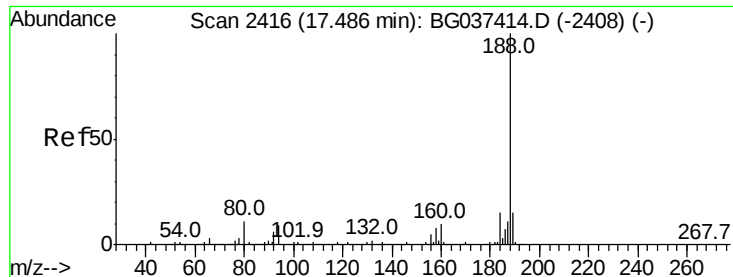
#50
Dimethylphthalate
Concen: 2.205 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.2	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

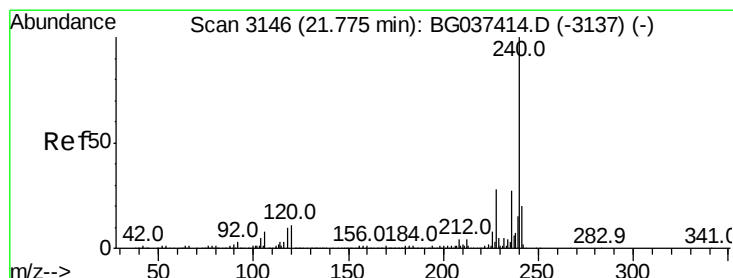
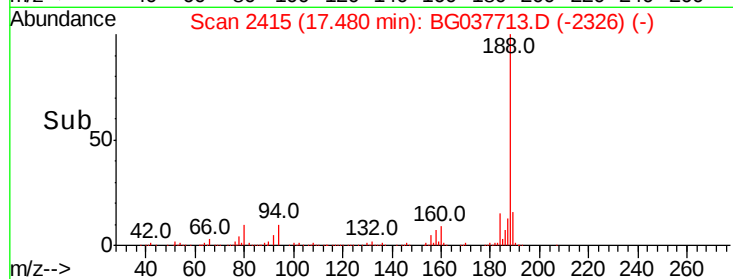
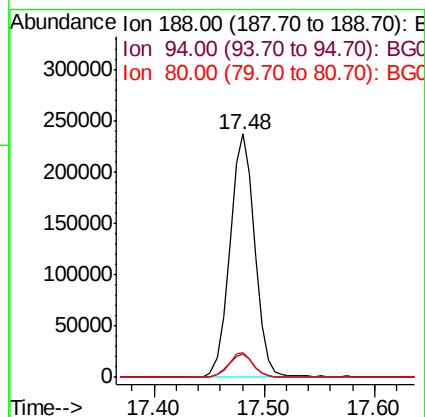
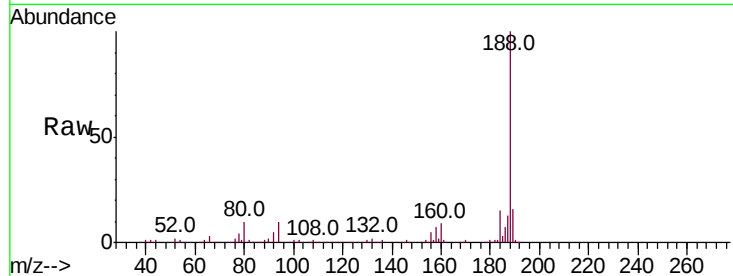




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

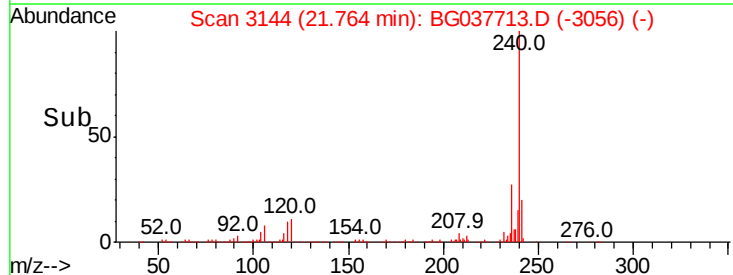
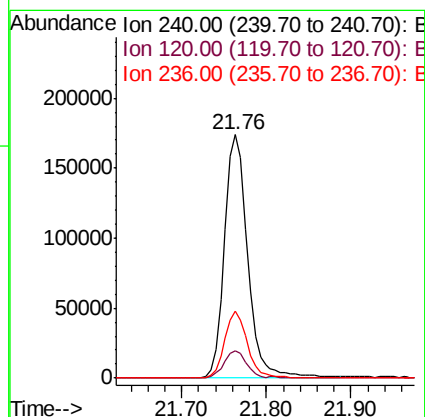
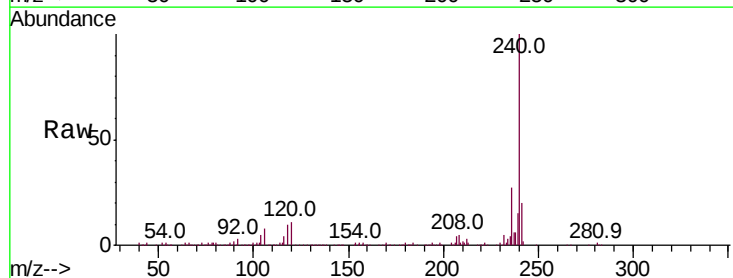
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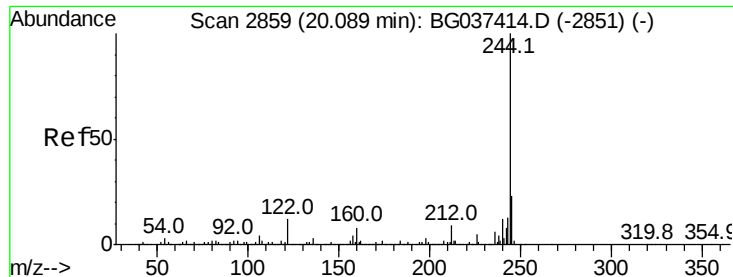
Tot Ion:188 Resp: 374371
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion:240 Resp: 332389
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 87.630 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-U-M

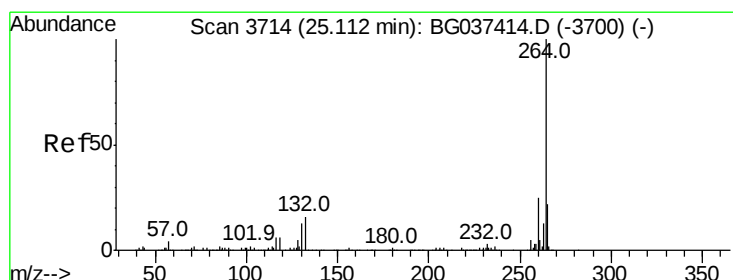
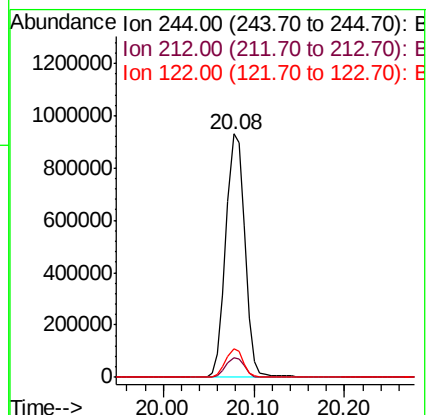
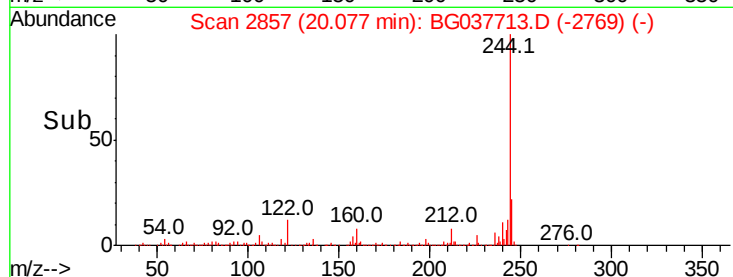
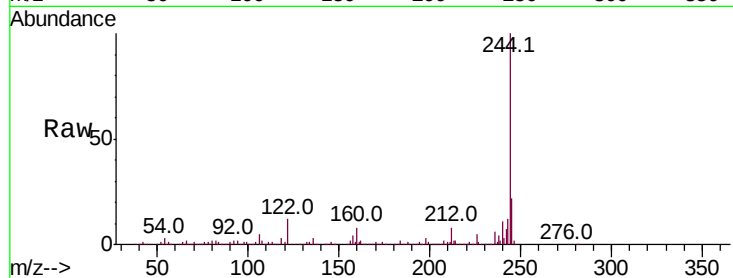
Tot Ion:244 Resp: 1363142

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.6 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Tgt Ion:264 Resp: 302323

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 23.0 17.9 26.9

