

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037586.D
 Acq On : 26 Oct 2018 18:30
 Operator : JU/SJ
 Sample : J5649-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-02B

Quant Time: Oct 27 03:53:59 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

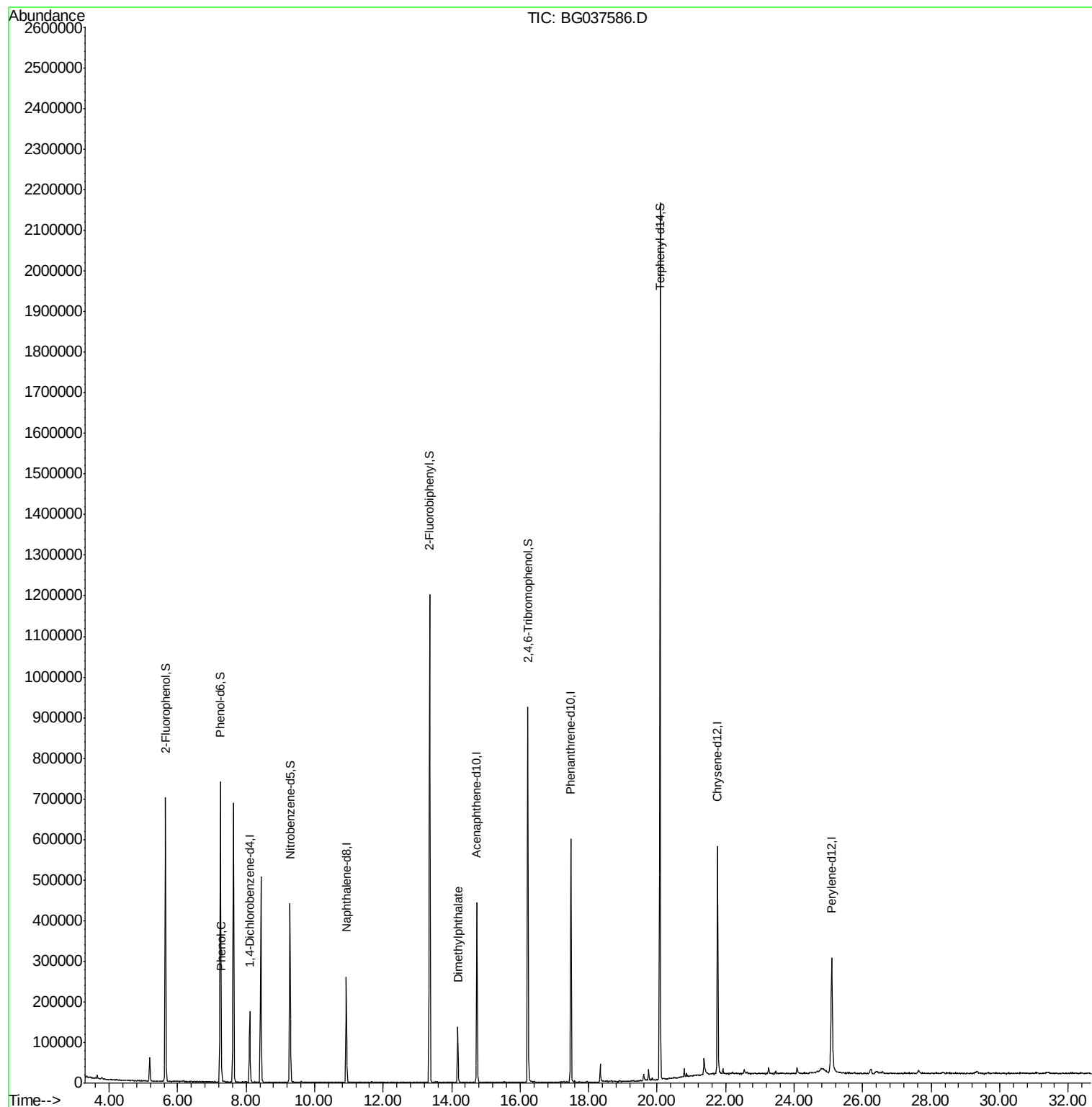
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52811	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228142	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	155873	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383080	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352743	20.00	ng	-0.01
87) Perylene-d12	25.09	264	346219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	319373	101.10	ng	0.00
7) Phenol-d6	7.24	99	471581	98.73	ng	0.00
23) Nitrobenzene-d5	9.28	82	272661	66.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	167325	98.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	664525	64.29	ng	-0.01
79) Terphenyl-d14	20.08	244	1027176	62.22	ng	0.00
Target Compounds						
10) Phenol	7.27	94	42743	8.481	ng	96
50) Dimethylphthalate	14.18	163	95890	7.952	ng	98

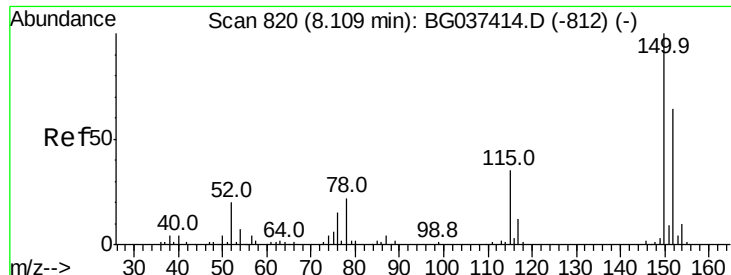
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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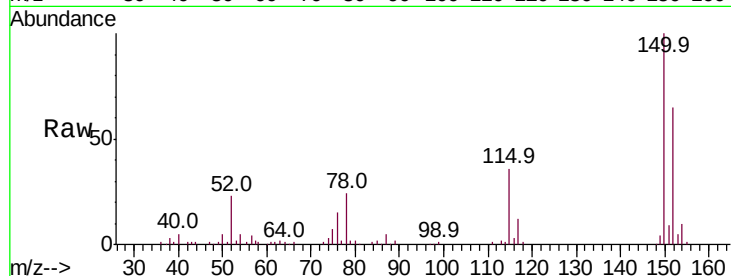


#1

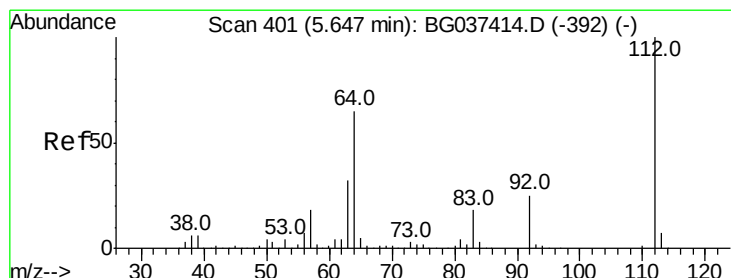
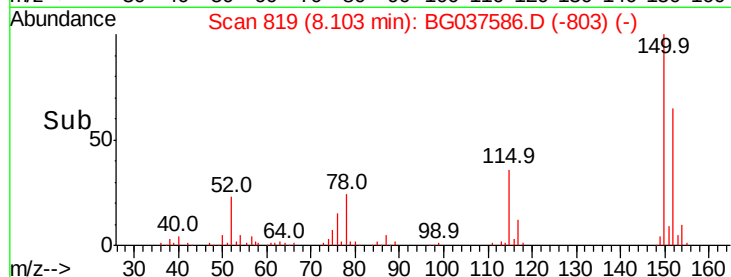
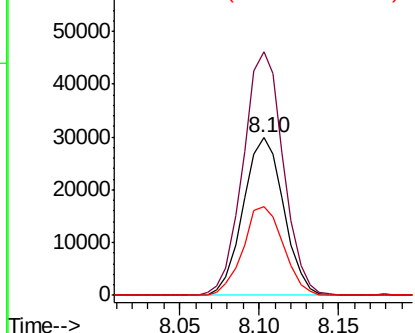
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Instrument :
BNA_G
ClientSampleId :
DL-02B

Tot Ion:152 Resp: 52811
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 56.1 45.5 68.3



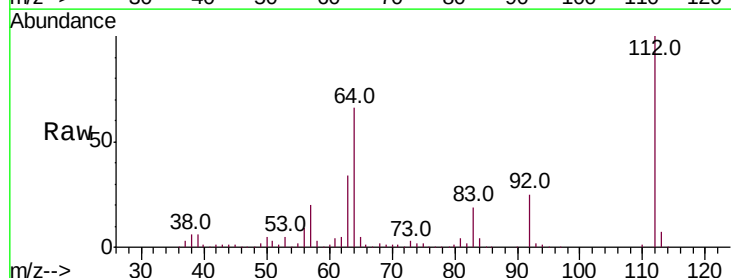
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



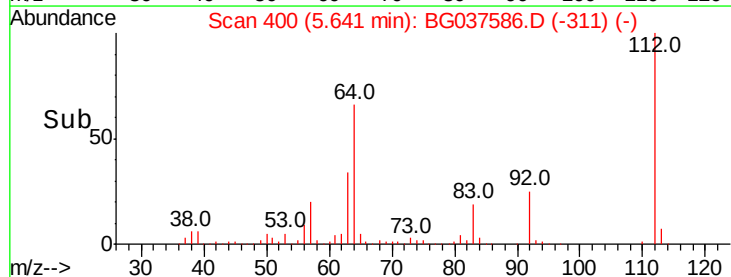
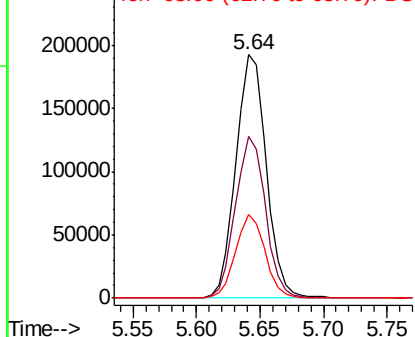
#5

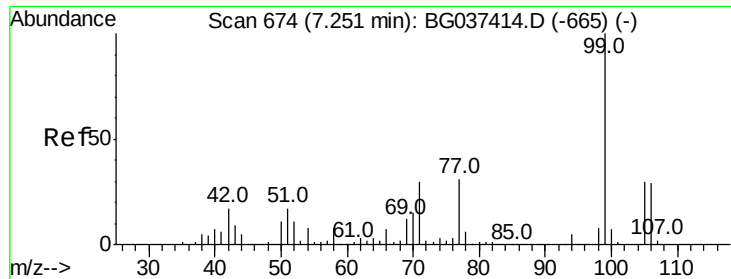
2-Fluorophenol
Concen: 101.105 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:112 Resp: 319373
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 34.4 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: 98.728 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

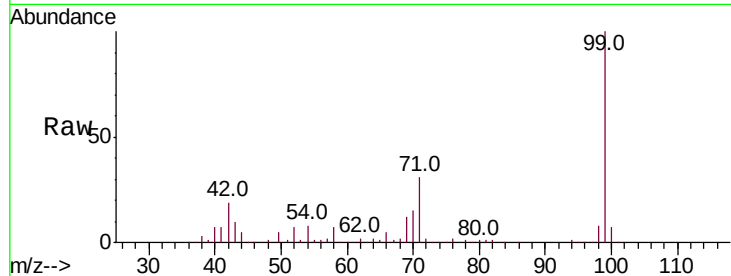
Tot Ion: 99 Resp: 471581

Ion Ratio Lower Upper

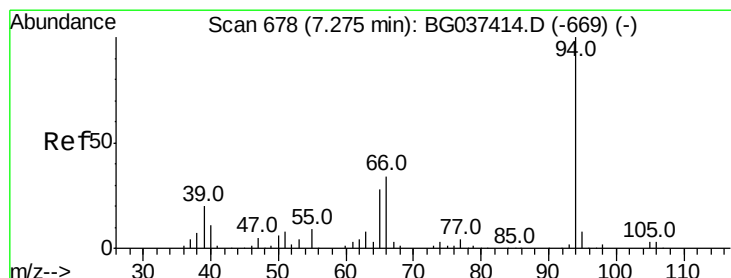
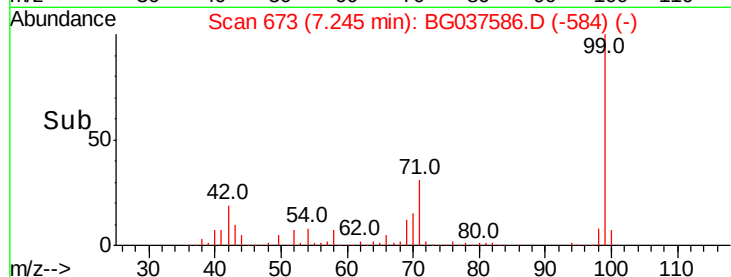
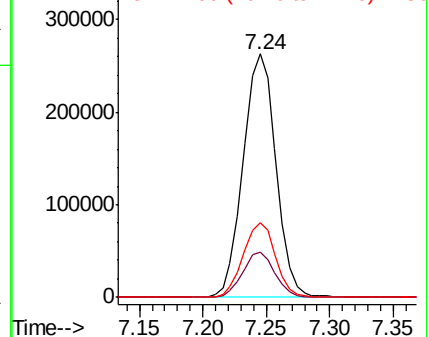
99 100

42 18.5 15.0 22.4

71 30.7 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: 8.481 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

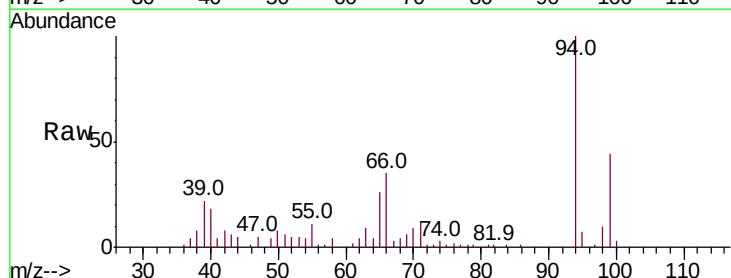
Tgt Ion: 94 Resp: 42743

Ion Ratio Lower Upper

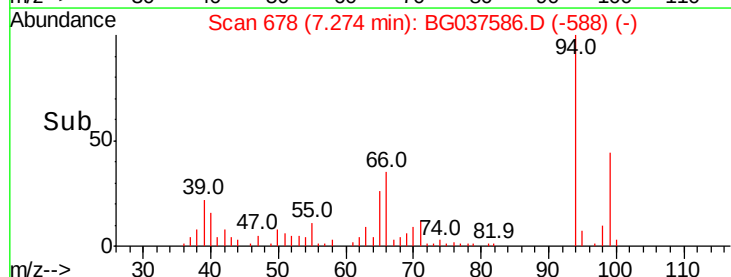
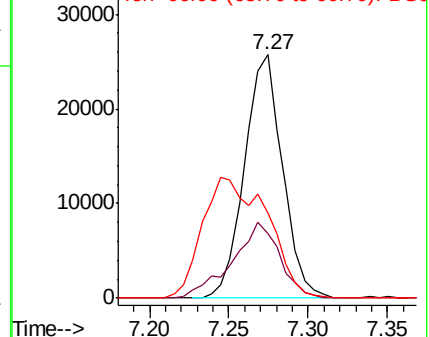
94 100

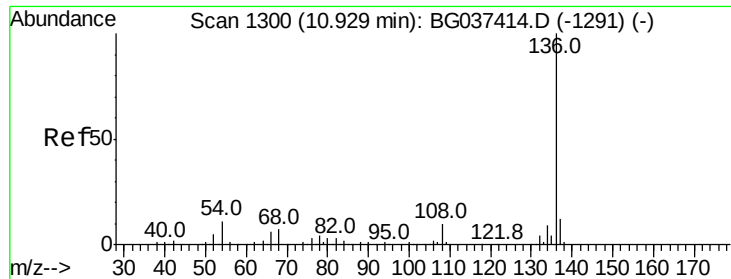
65 26.4 9.7 49.7

66 35.1 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

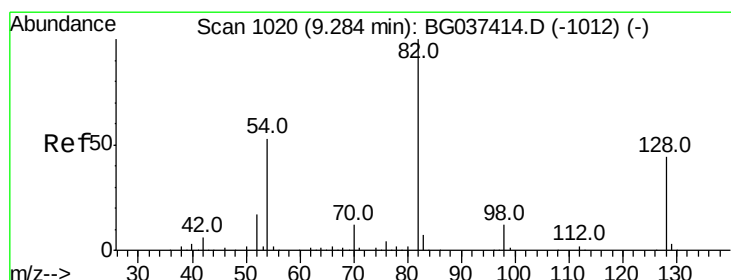
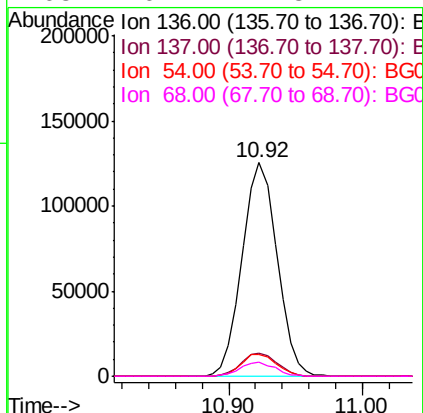
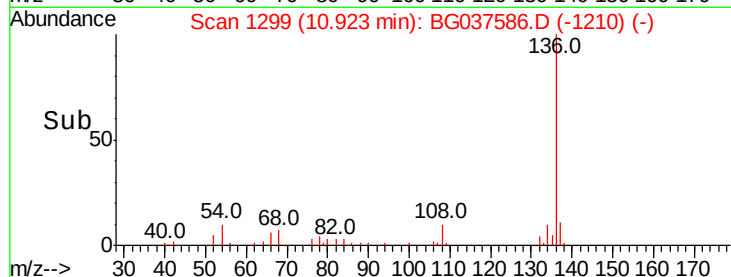
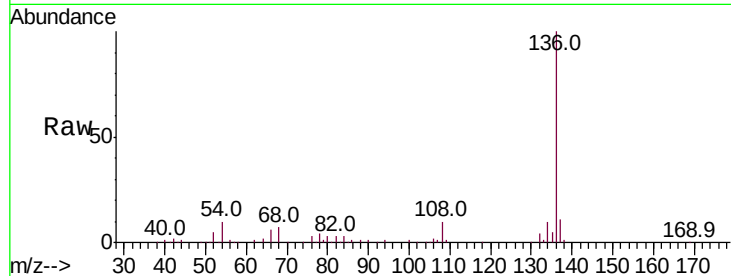




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

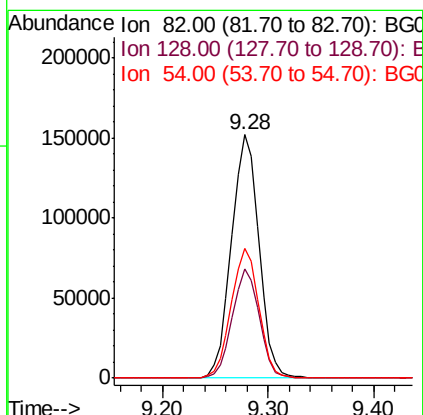
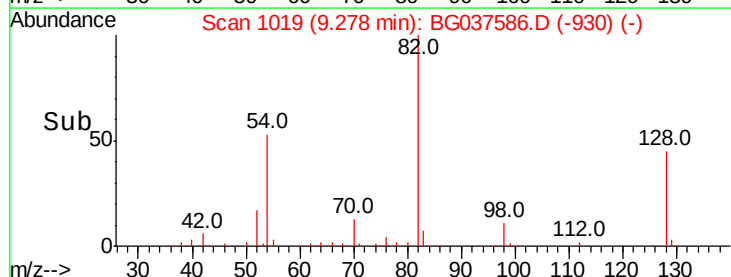
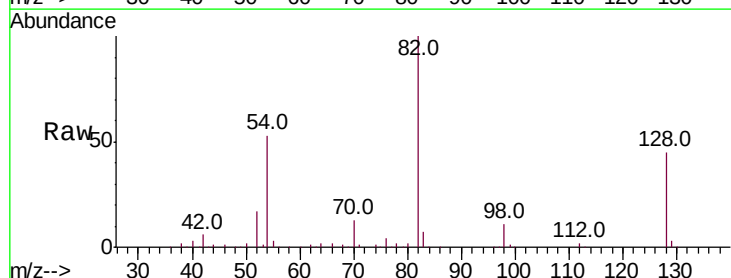
Instrument :
BNA_G
ClientSampleId :
DL-02B

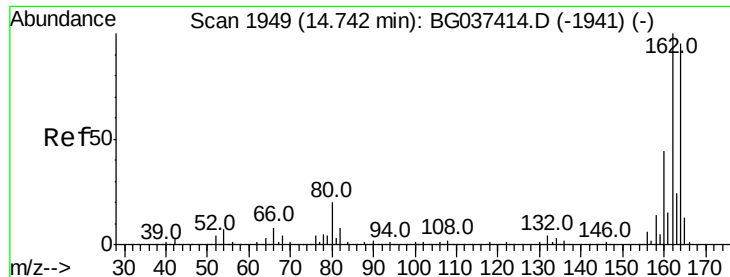
Tot Ion:	136	Resp:	228142
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.3	7.9	11.9
68	6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.950 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:	82	Resp:	272661
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	53.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

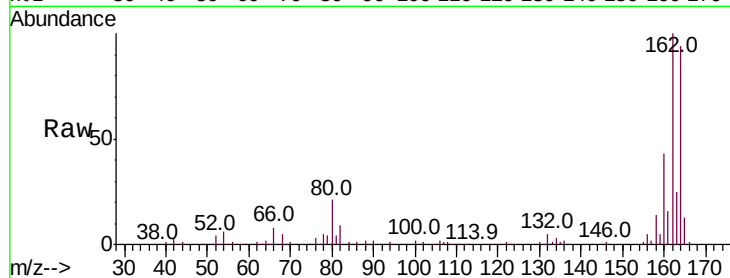
Tot Ion:164 Resp: 155873

Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

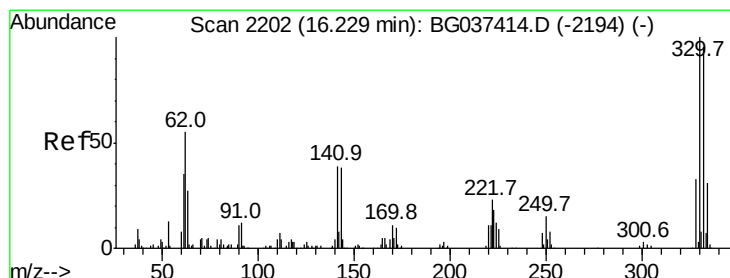
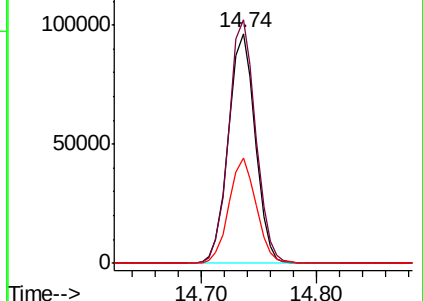
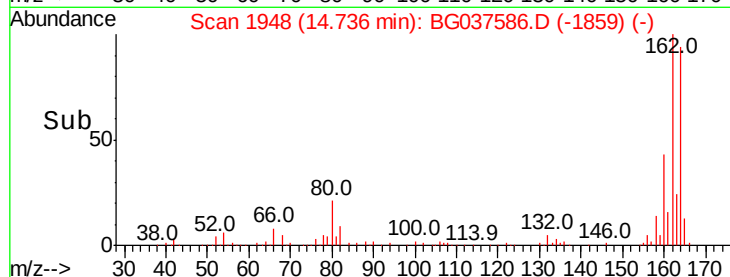
160 45.8 36.3 54.5



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: 98.421 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

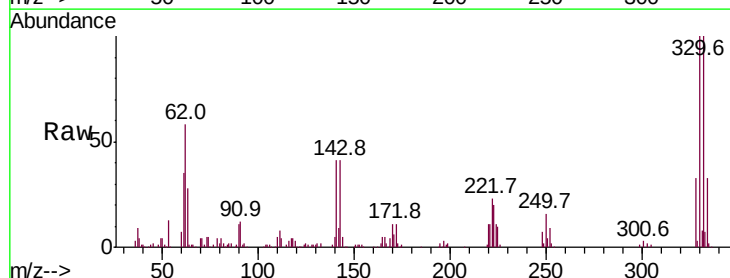
Tgt Ion:330 Resp: 167325

Ion Ratio Lower Upper

330 100

332 97.7 78.4 117.6

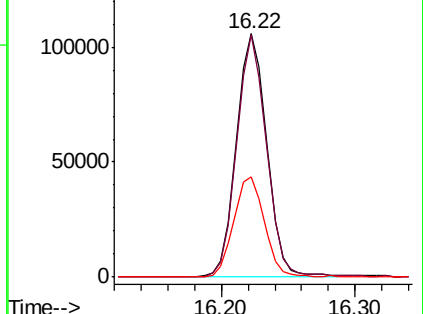
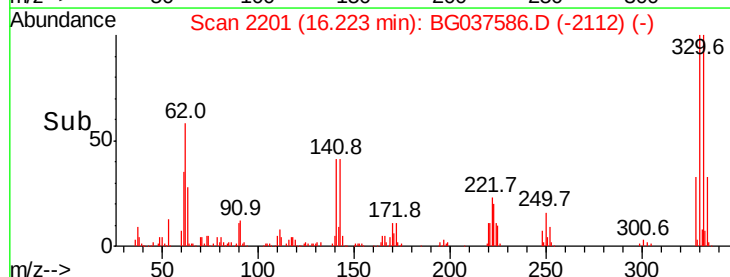
141 41.6 32.2 48.2

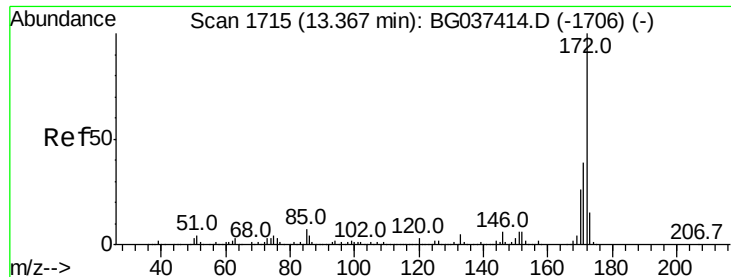


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

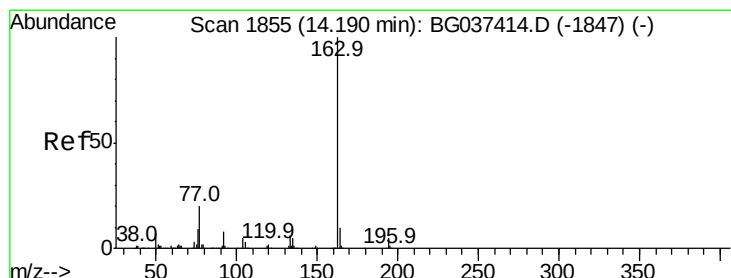
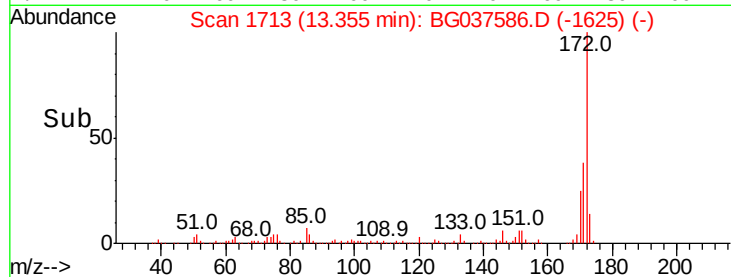
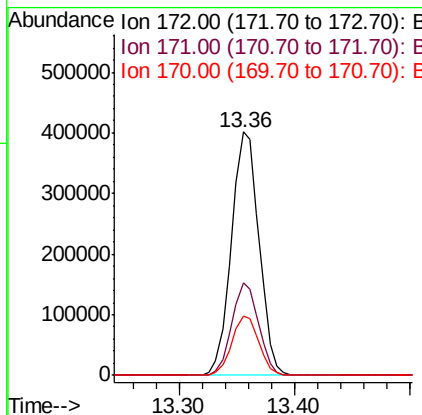
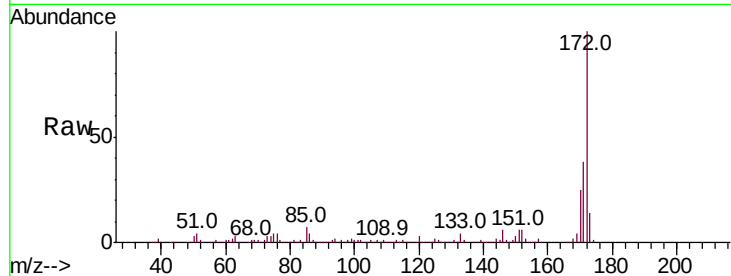




#45
2-Fluorobiphenyl
Concen: 64.287 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

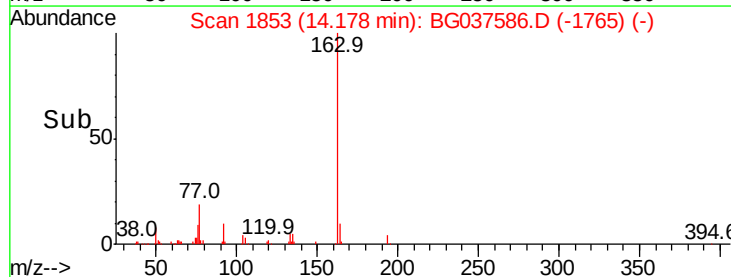
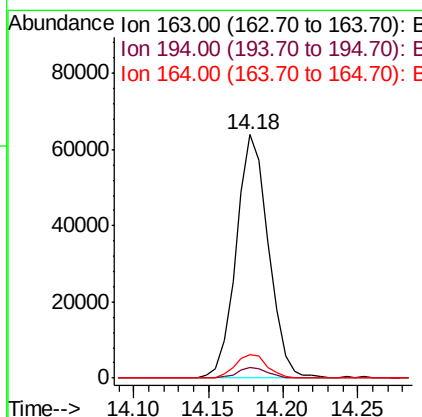
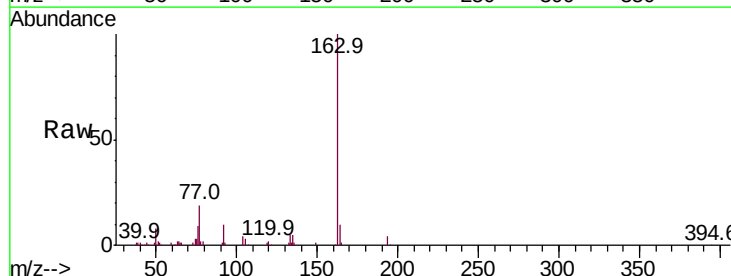
Instrument :
BNA_G
ClientSampleId :
DL-02B

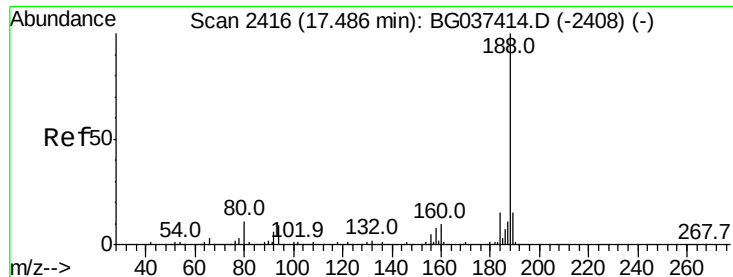
Tot Ion:172 Resp: 664525
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 24.6 20.2 30.2



#50
Dimethylphthalate
Concen: 7.952 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:163 Resp: 95890
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.5 12.7

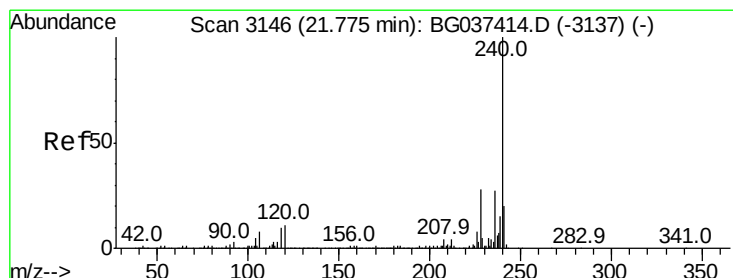
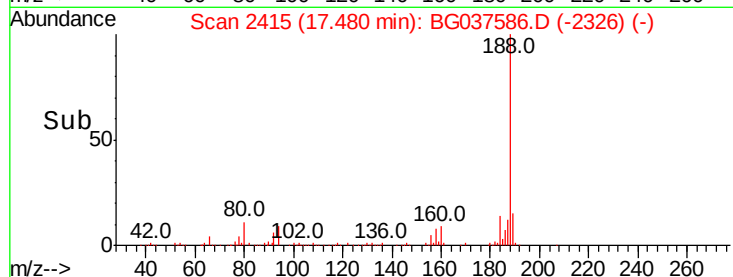
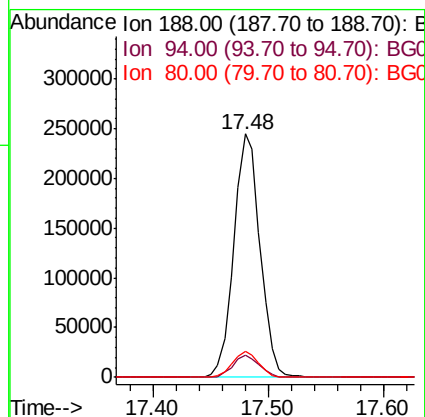
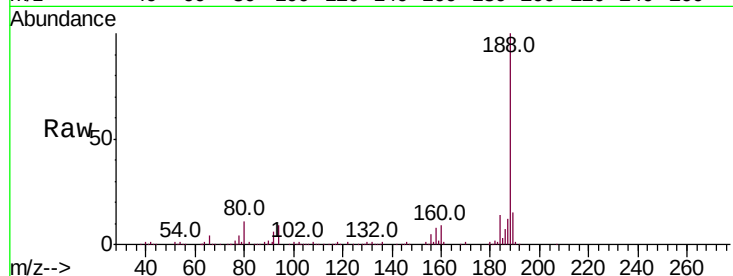




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

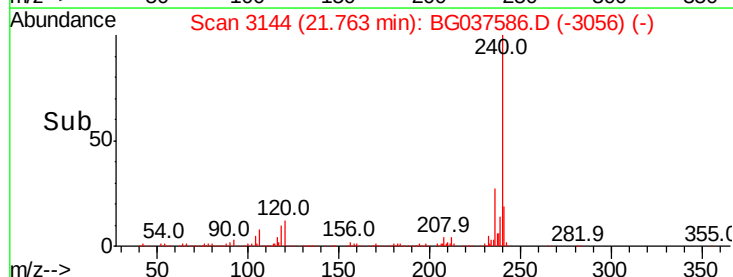
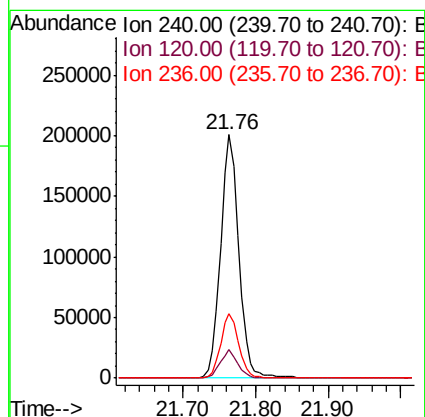
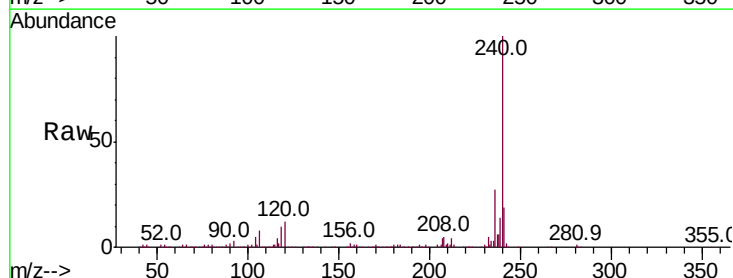
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BNA_G
ClientSampleId :
DL-02B

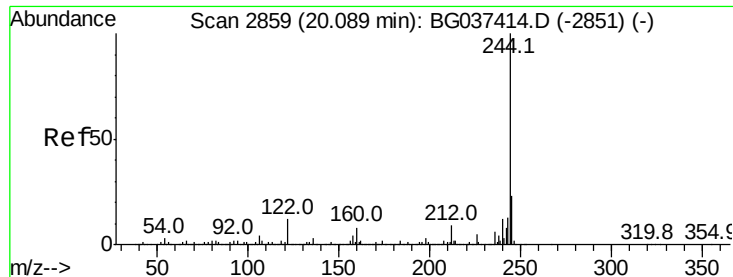
Tot Ion:188 Resp: 383080
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037586.D
Acq: 26 Oct 2018 18:30

Tgt Ion:240 Resp: 352743
Ion Ratio Lower Upper
240 100
120 11.8 8.1 12.1
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 62.222 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

DL-02B

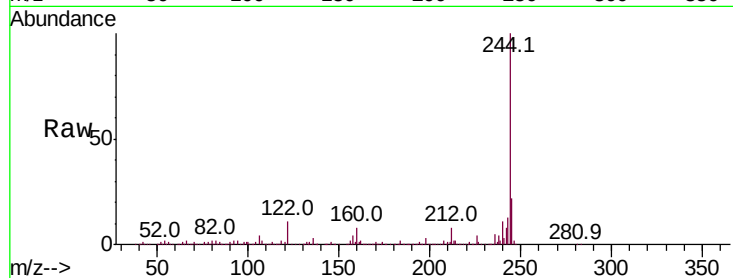
Tot Ion:244 Resp: 1027176

Ion Ratio Lower Upper

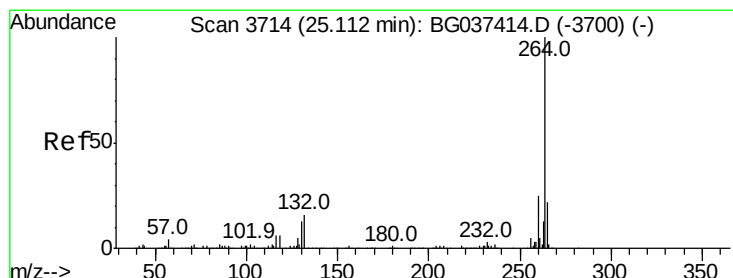
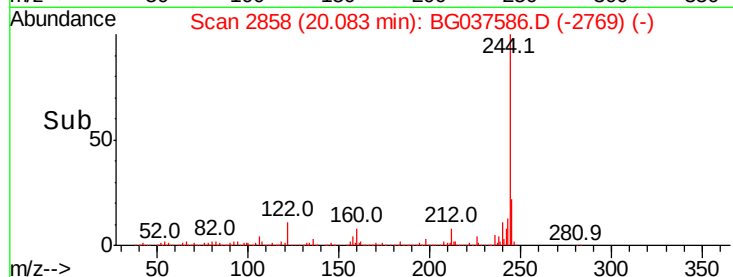
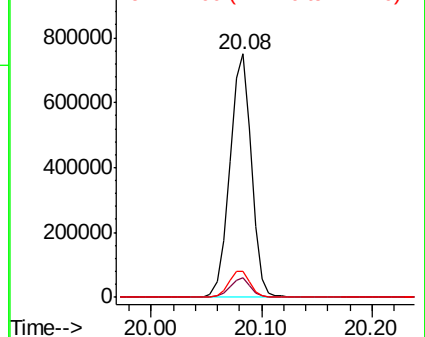
244 100

212 8.1 6.5 9.7

122 10.8 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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037586.D

Acq: 26 Oct 2018 18:30

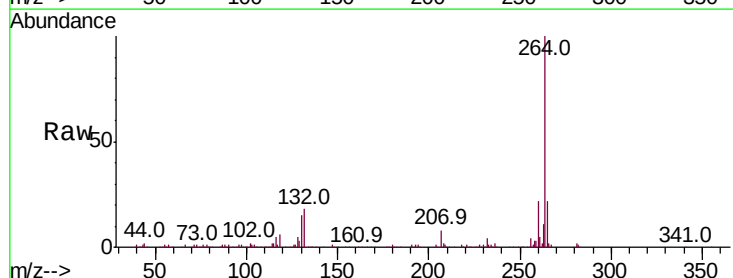
Tgt Ion:264 Resp: 346219

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 21.5 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

