

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037519.D
 Acq On : 24 Oct 2018 20:06
 Operator : JU/SJ
 Sample : J5198-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102318-A

Quant Time: Oct 25 08:16:26 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	8.11	152	57813	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	255007	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	173564	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	418591	20.00	ng	0.00
76) Chrysene-d12	21.77	240	385126	20.00	ng	0.00
87) Perylene-d12	25.10	264	373287	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	401351	116.06	ng	0.00
7) Phenol-d6	7.25	99	531902	101.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	386871	84.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	231315	122.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	914172	79.42	ng	0.00
79) Terphenyl-d14	20.08	244	1429959	79.34	ng	0.00

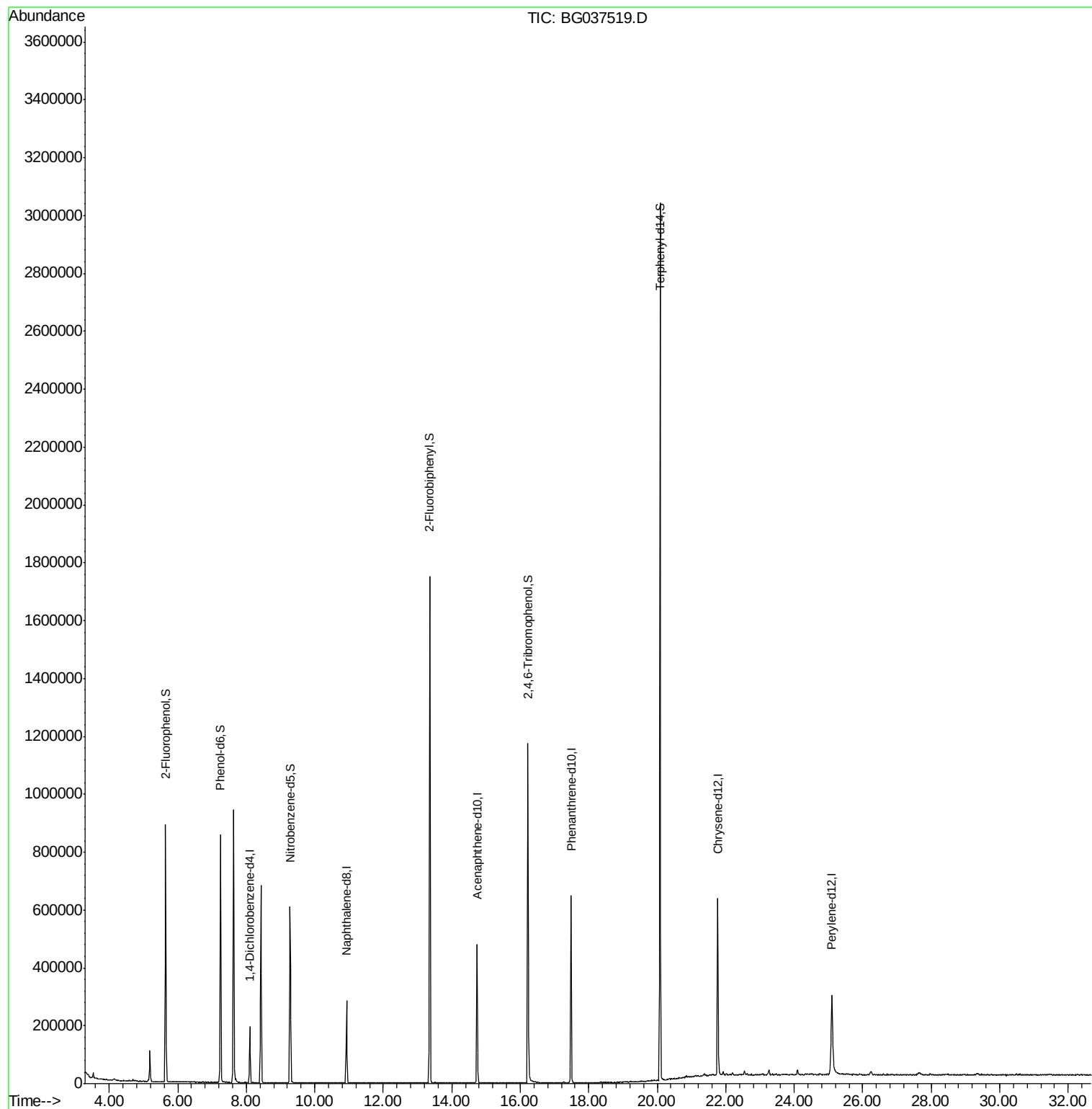
Target Compounds	Qvalue
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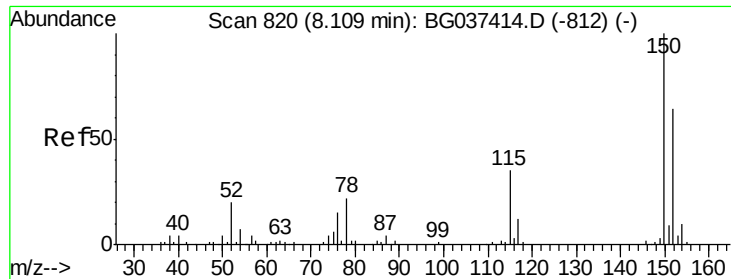
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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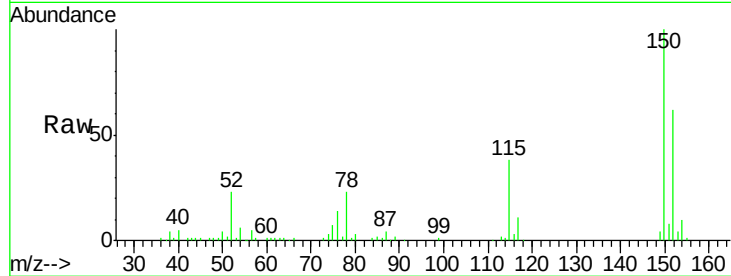


#1

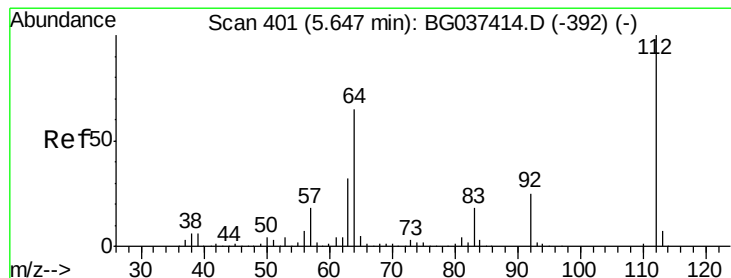
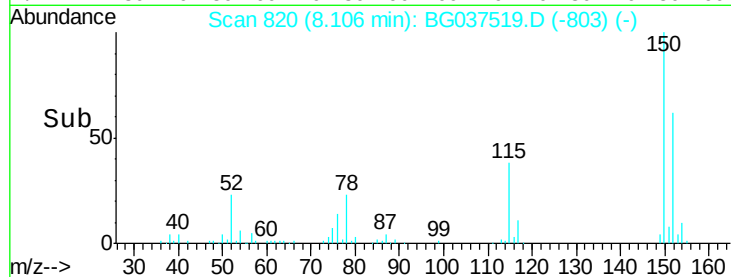
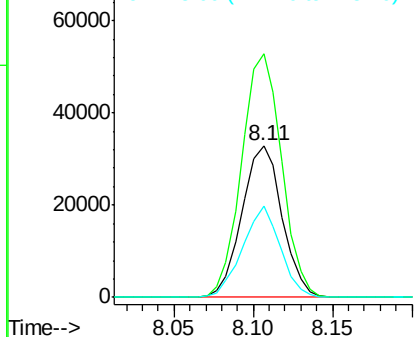
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037519.D
Acq: 24 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :
CL-01-102318-A

Tgt Ion:152 Resp: 57813
Ion Ratio Lower Upper
152 100
150 160.1 126.0 189.0
115 60.4 45.5 68.3



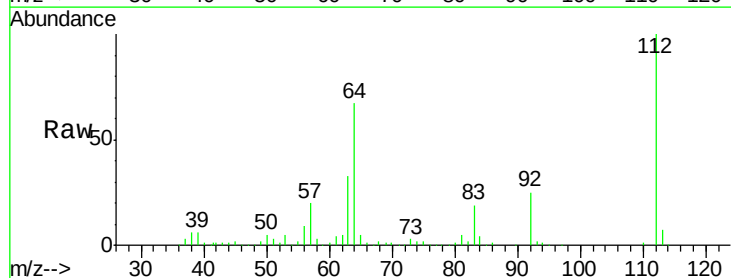
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



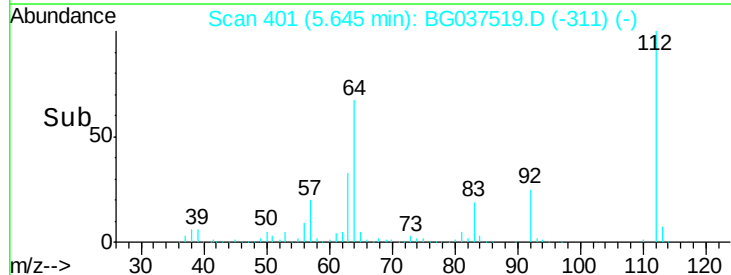
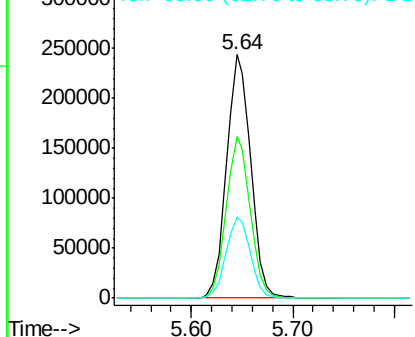
#5

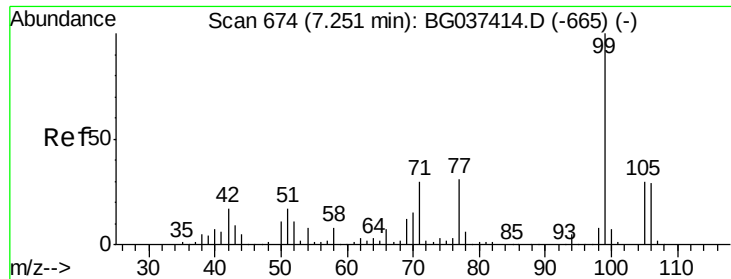
2-Fluorophenol
Concen: 116.064 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037519.D
Acq: 24 Oct 2018 20:06

Tgt Ion:112 Resp: 401351
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.722 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-A

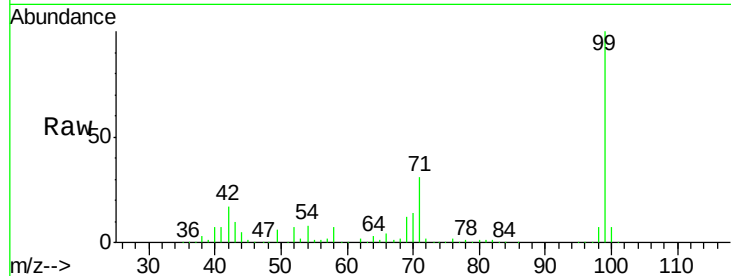
Tgt Ion: 99 Resp: 531902

Ion Ratio Lower Upper

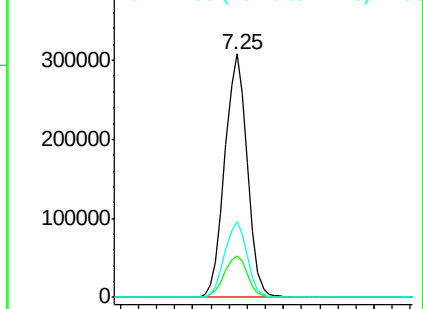
99 100

42 17.2 15.0 22.4

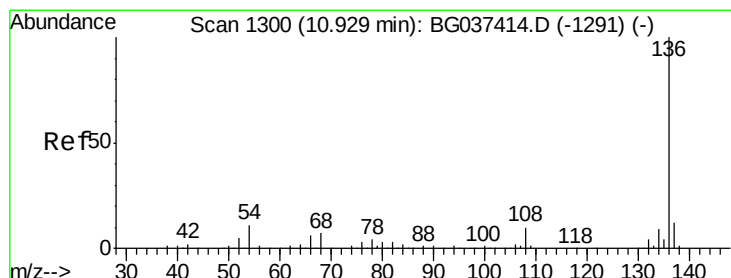
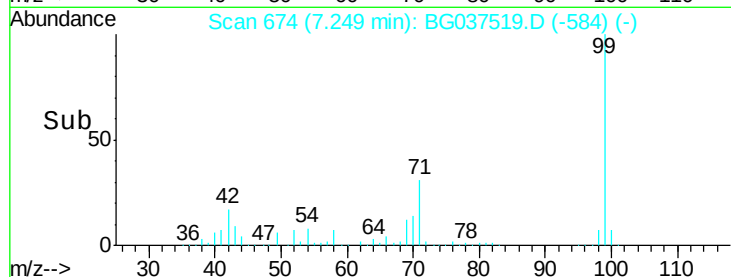
71 31.0 25.5 38.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

Tgt Ion: 136 Resp: 255007

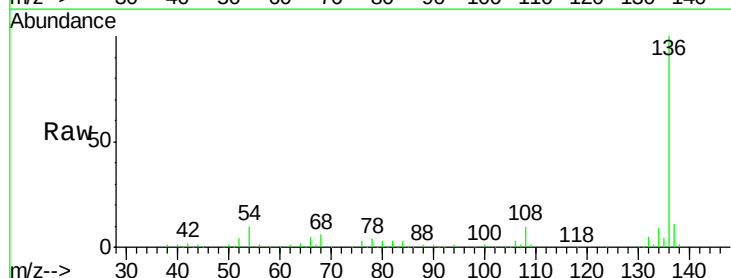
Ion Ratio Lower Upper

136 100

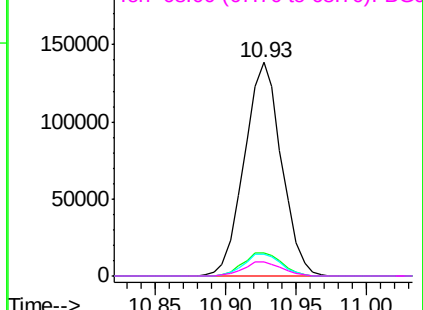
137 11.1 9.6 14.4

54 10.3 7.9 11.9

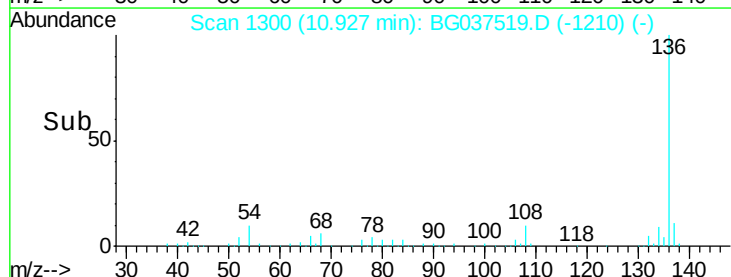
68 6.4 4.8 7.2

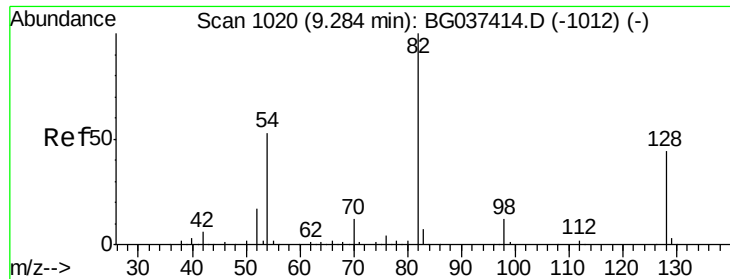


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 84.986 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-A

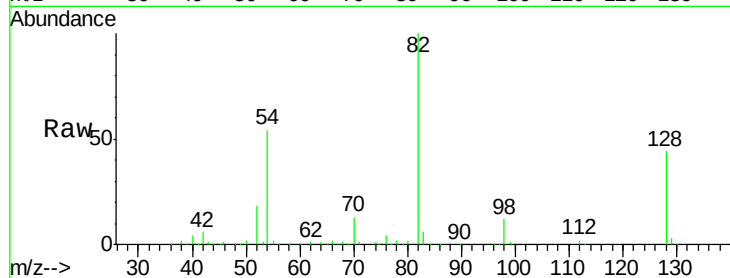
Tgt Ion: 82 Resp: 386871

Ion Ratio Lower Upper

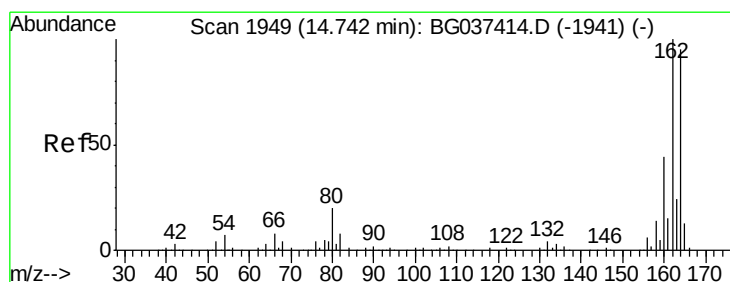
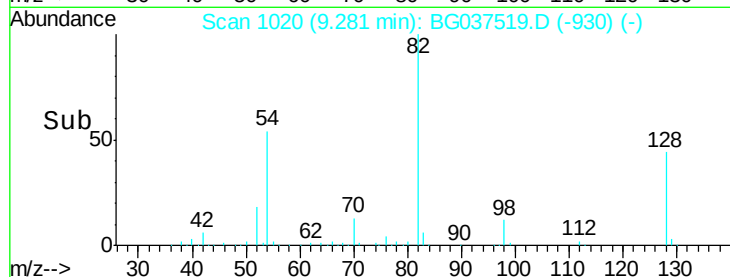
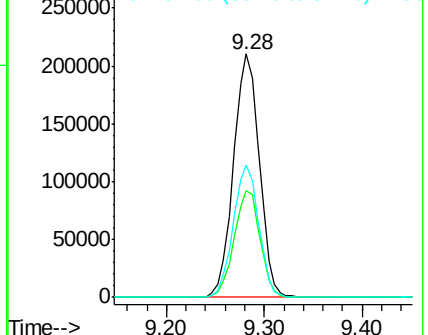
82 100

128 44.0 34.6 51.8

54 54.4 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

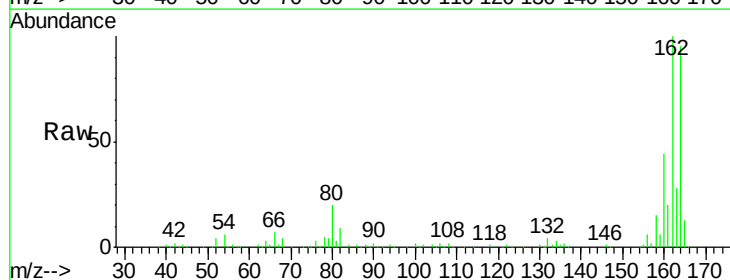
Tgt Ion: 164 Resp: 173564

Ion Ratio Lower Upper

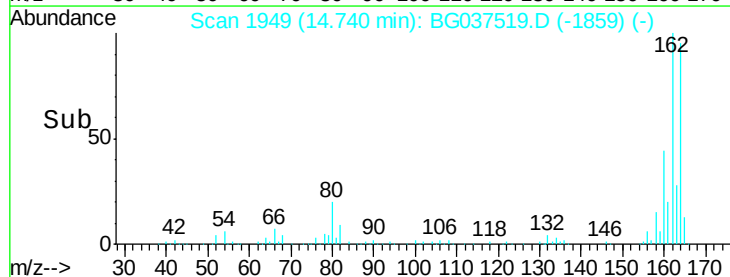
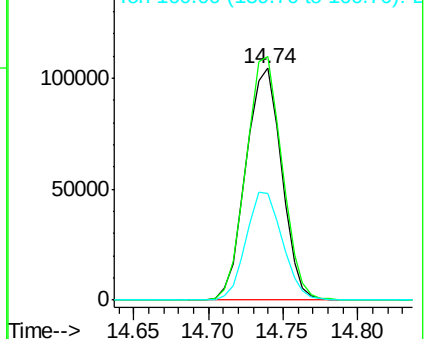
164 100

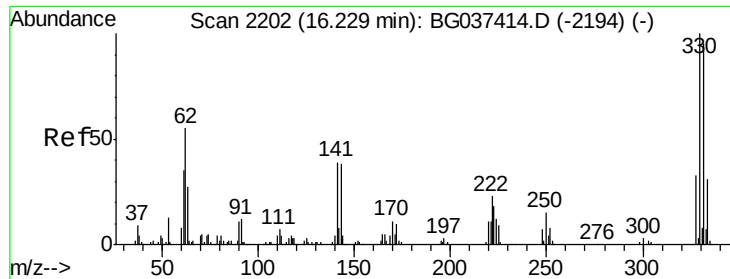
162 105.1 81.3 121.9

160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 122.192 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-A

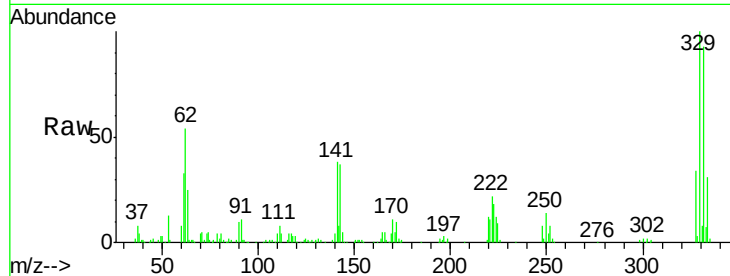
Tgt Ion:330 Resp: 231315

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

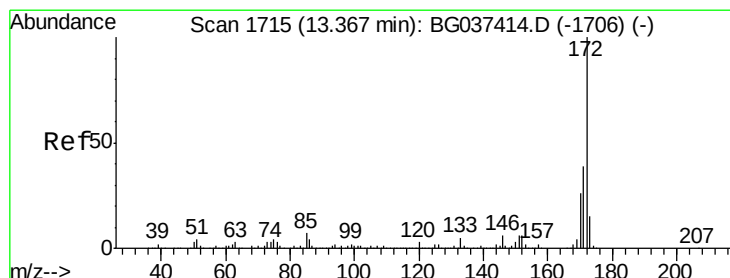
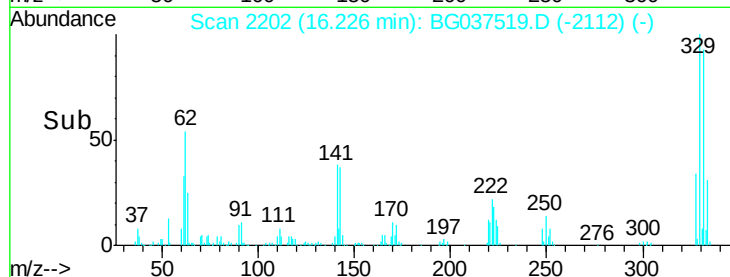
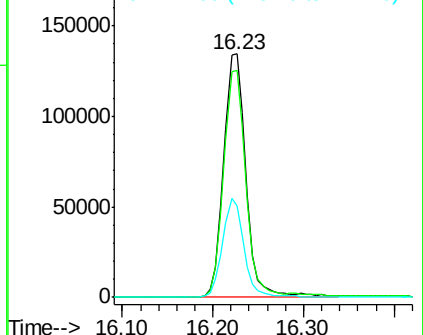
141 39.1 32.2 48.2



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: 79.424 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

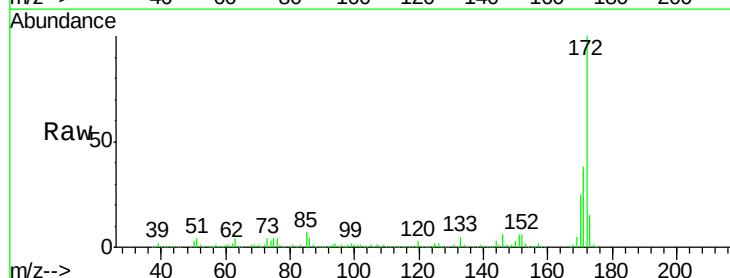
Tgt Ion:172 Resp: 914172

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

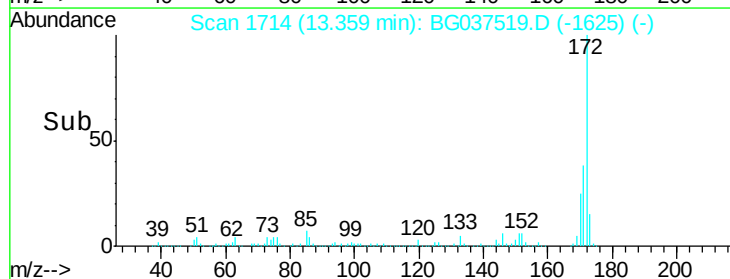
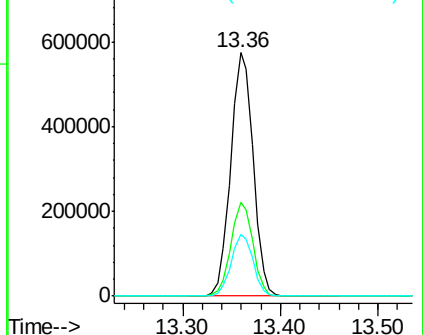
170 25.4 20.2 30.2

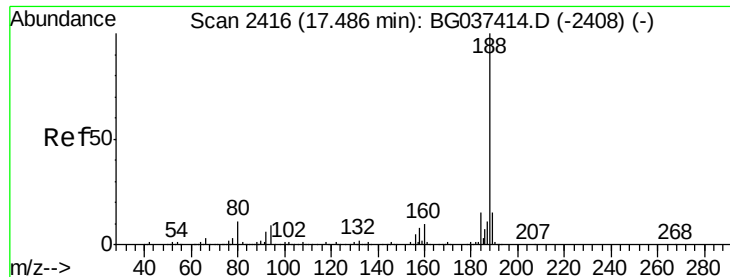


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

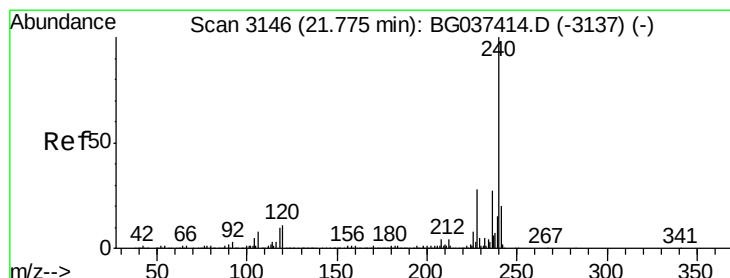
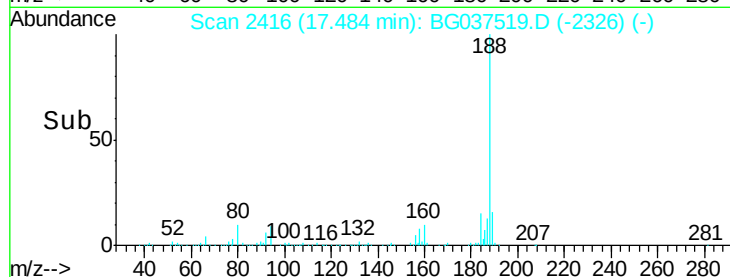
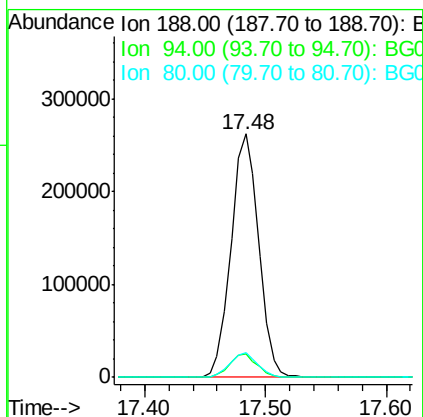
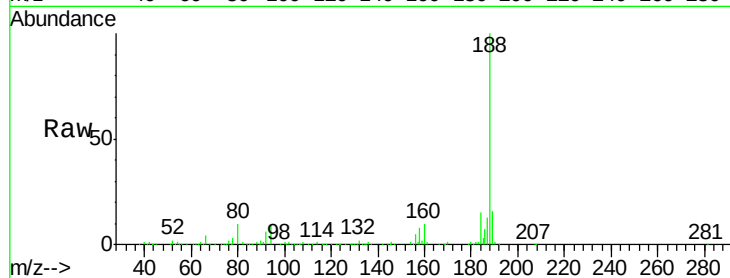




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037519.D
Acq: 24 Oct 2018 20:06

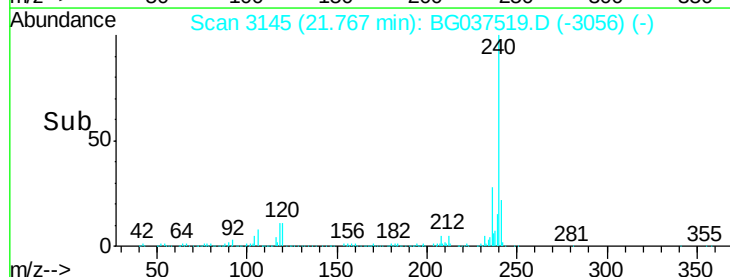
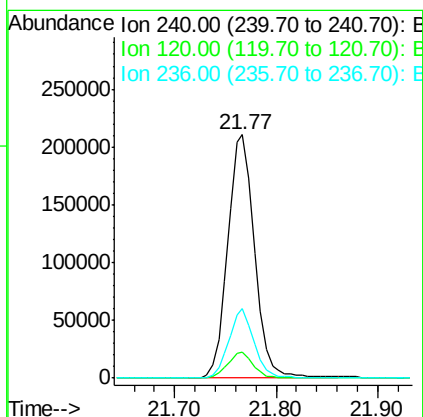
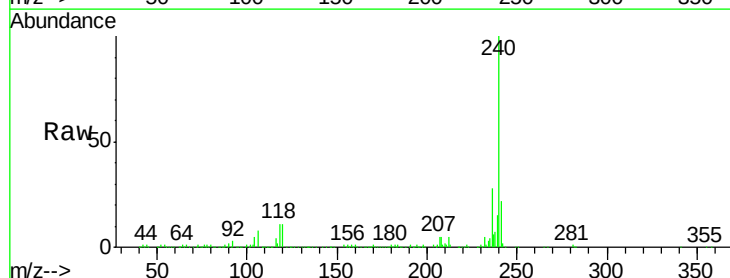
Instrument :
BNA_G
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CL-01-102318-A

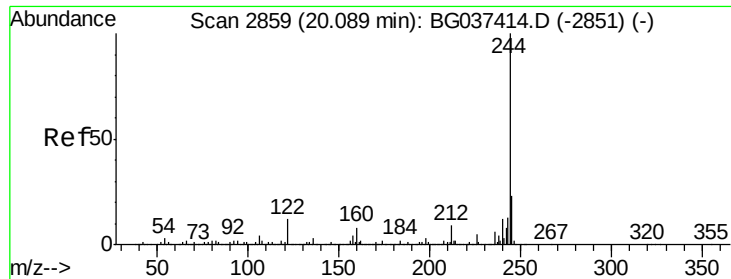
Tgt Ion:188 Resp: 418591
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037519.D
Acq: 24 Oct 2018 20:06

Tgt Ion:240 Resp: 385126
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 28.4 21.4 32.0





#79

Terphenyl-d14

Concen: 79.337 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-A

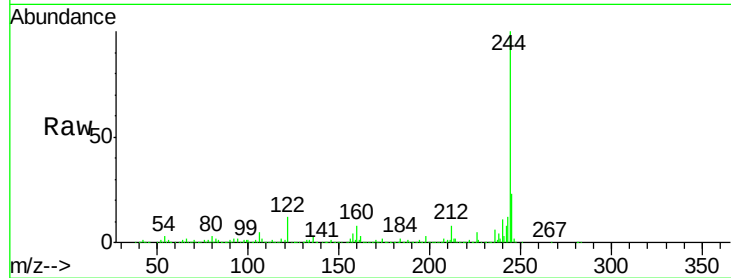
Tgt Ion:244 Resp: 1429959

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

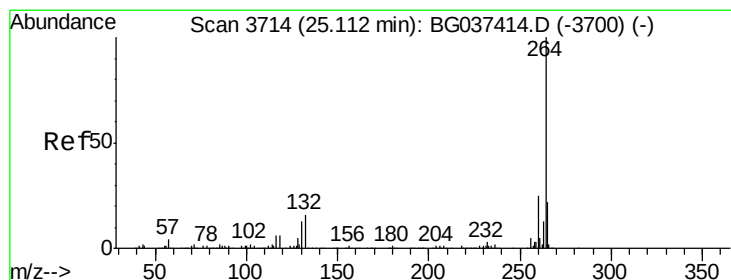
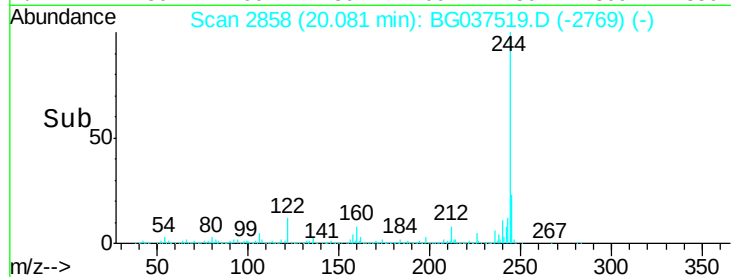
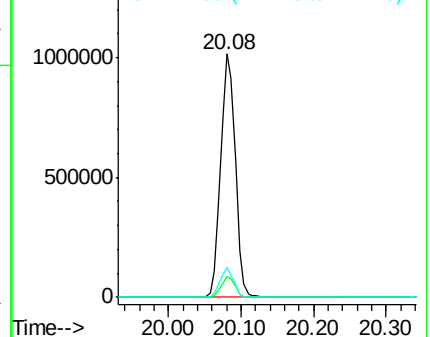
122 12.1 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037519.D

Acq: 24 Oct 2018 20:06

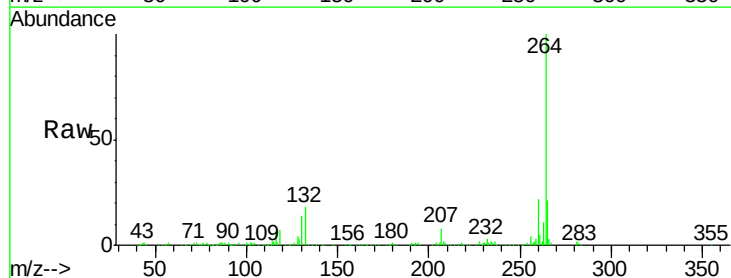
Tgt Ion:264 Resp: 373287

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 21.1 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

