

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037520.D
 Acq On : 24 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5198-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 25 08:17:48 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	60016	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262452	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175610	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	416476	20.00	ng	0.00
76) Chrysene-d12	21.77	240	377784	20.00	ng	0.00
87) Perylene-d12	25.10	264	350995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	426776	118.89	ng	0.00
7) Phenol-d6	7.25	99	558664	102.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	398702	85.10	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	213658	111.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	936638	80.43	ng	0.00
79) Terphenyl-d14	20.08	244	1412493	79.89	ng	0.00

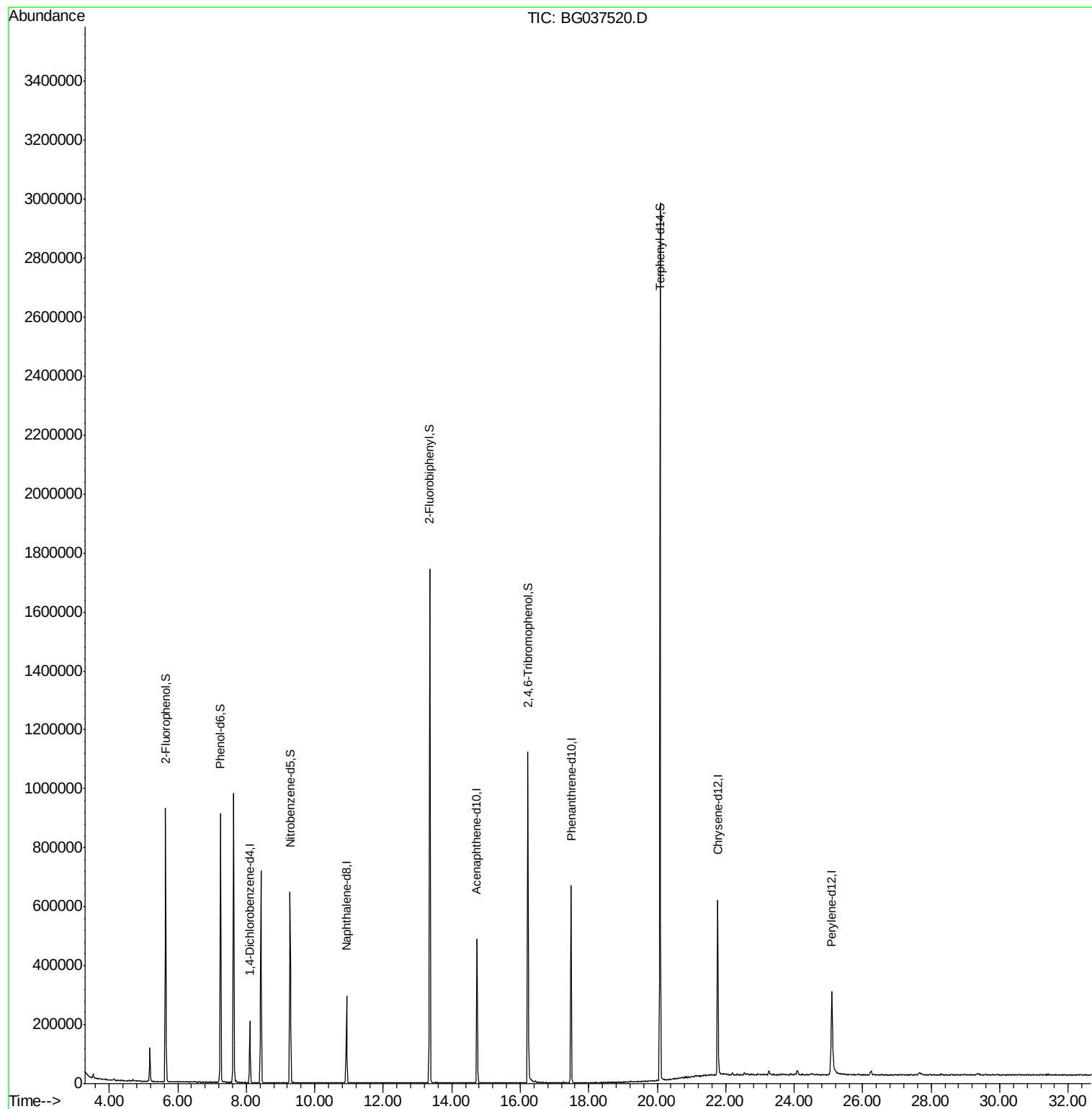
Target Compounds	Qvalue
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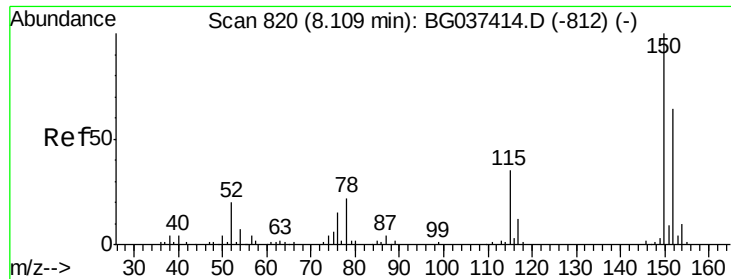
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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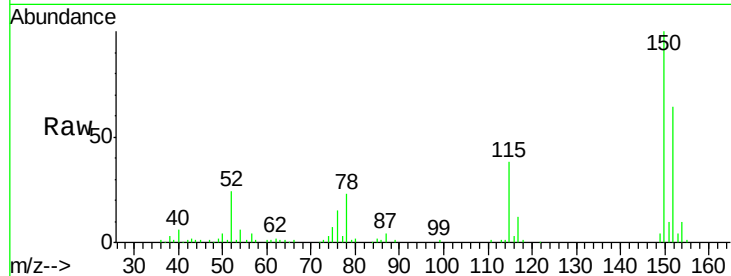


#1

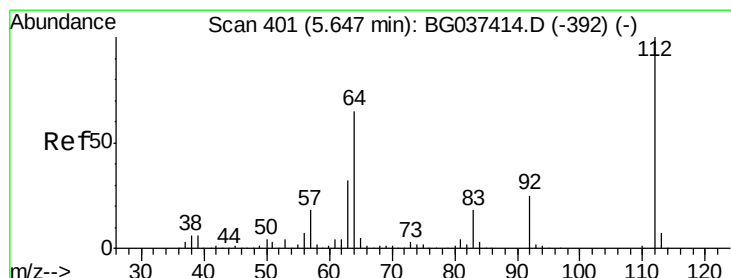
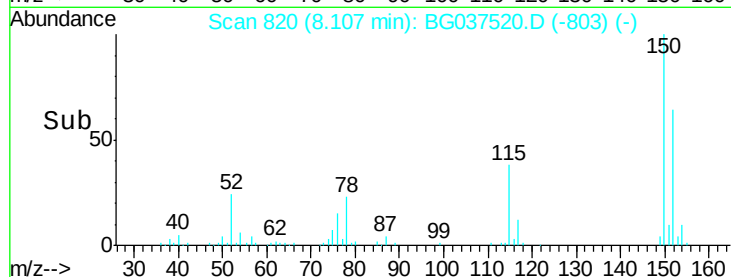
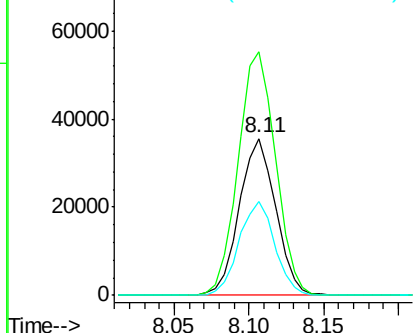
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

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

Tgt Ion:152 Resp: 60016
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 59.7 45.5 68.3



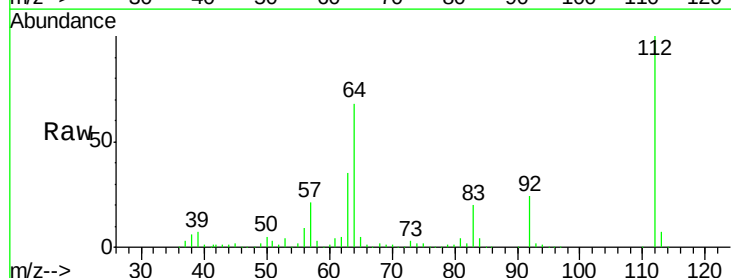
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



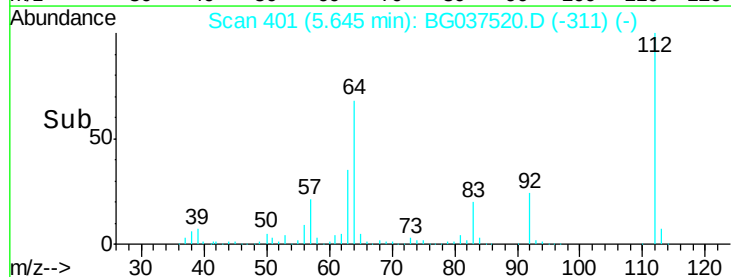
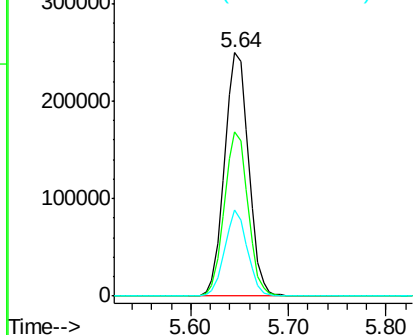
#5

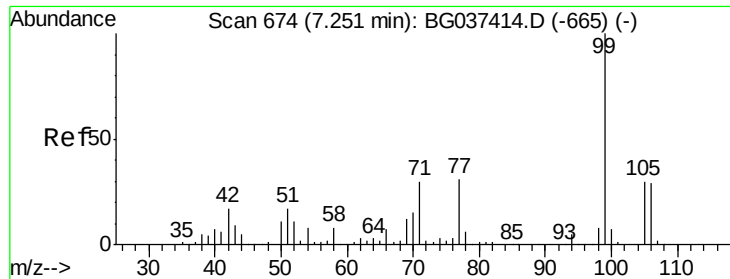
2-Fluorophenol
Concen: 118.886 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion:112 Resp: 426776
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 35.5 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: 102.919 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-B

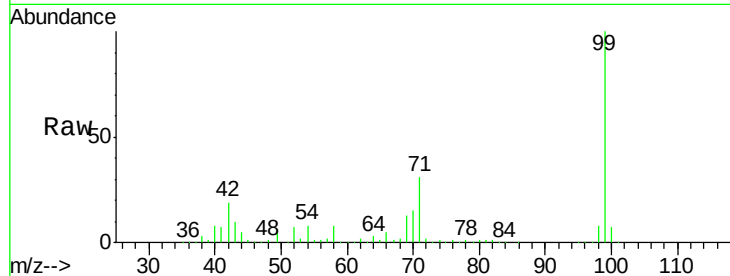
Tgt Ion: 99 Resp: 558664

Ion Ratio Lower Upper

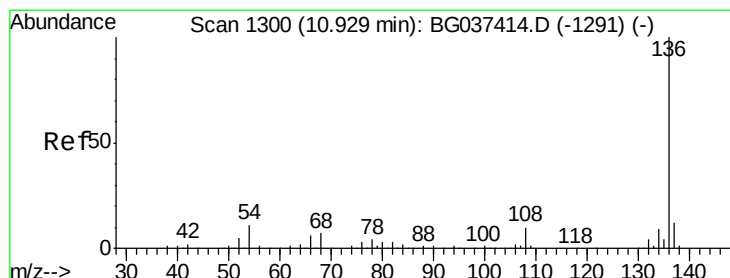
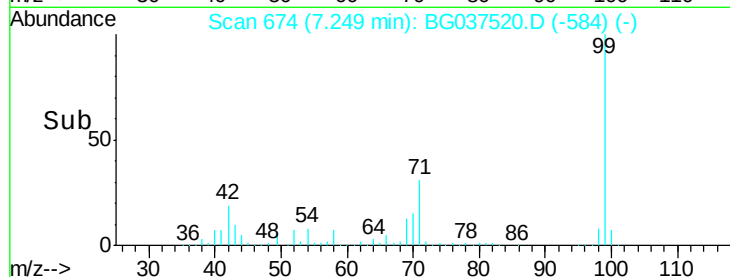
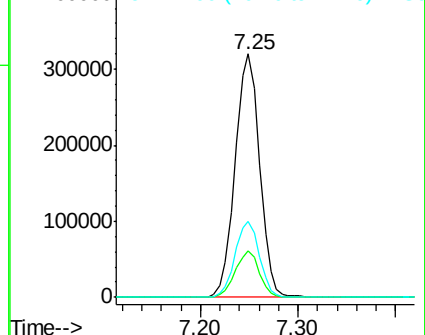
99 100

42 19.0 15.0 22.4

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Tgt Ion: 136 Resp: 262452

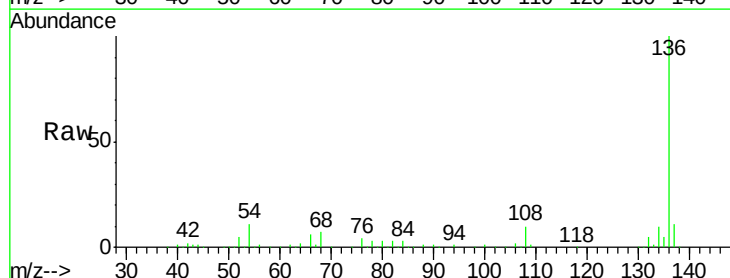
Ion Ratio Lower Upper

136 100

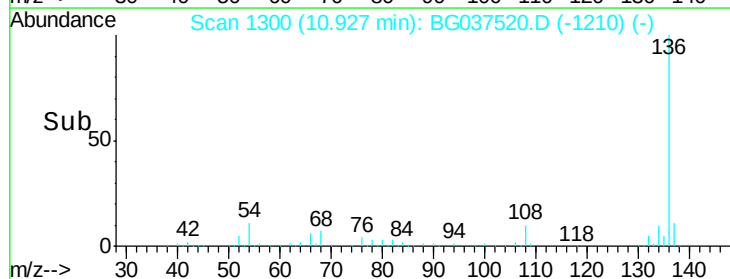
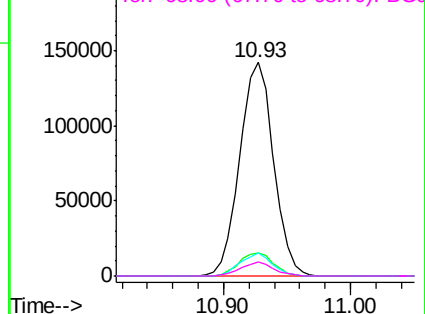
137 11.1 9.6 14.4

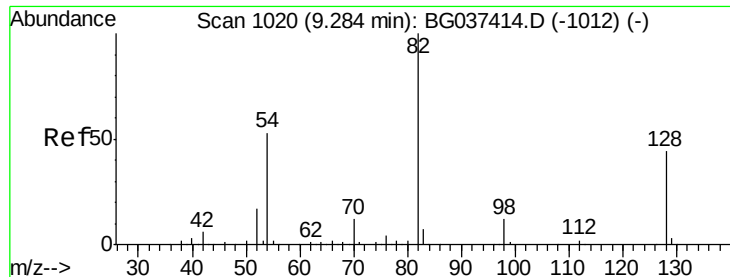
54 10.8 7.9 11.9

68 6.5 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

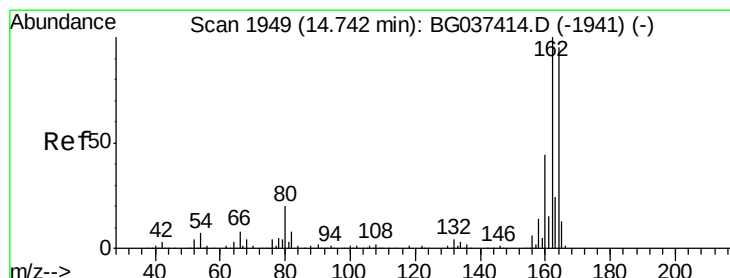
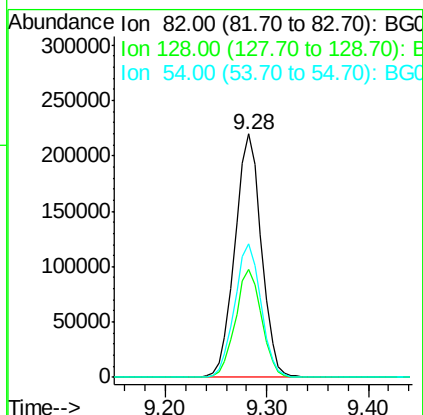
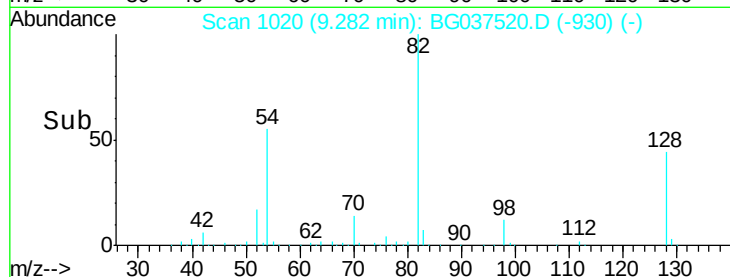
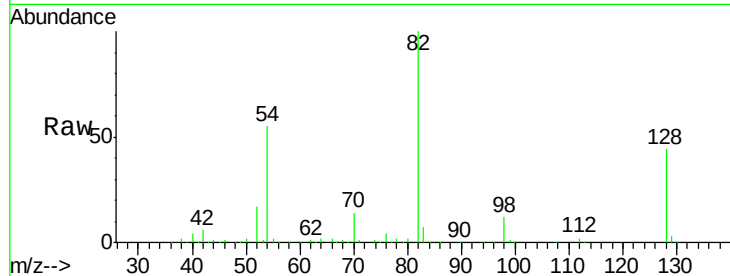




#23
 Nitrobenzene-d5
 Concen: 85.101 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037520.D
 Acq: 24 Oct 2018 20:45

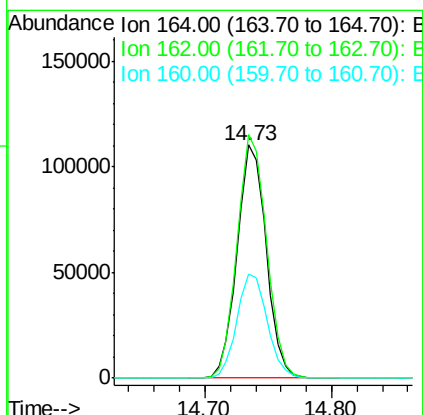
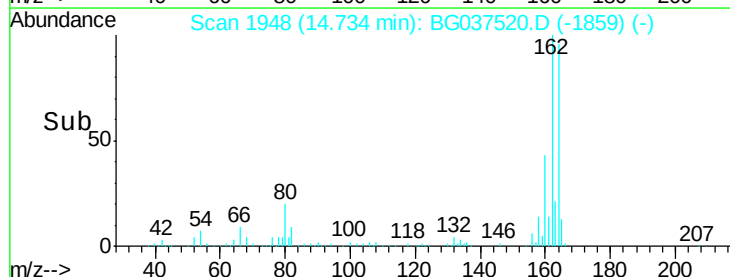
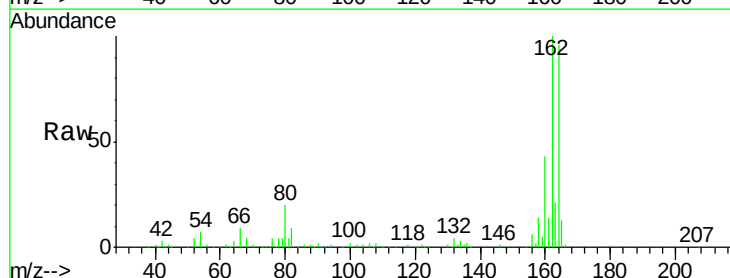
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102318-B

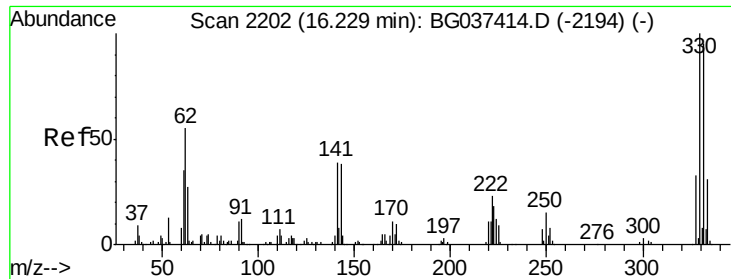
Tgt Ion: 82 Resp: 398702
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 55.0 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037520.D
 Acq: 24 Oct 2018 20:45

Tgt Ion: 164 Resp: 175610
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.3 121.9
 160 44.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 111.550 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-B

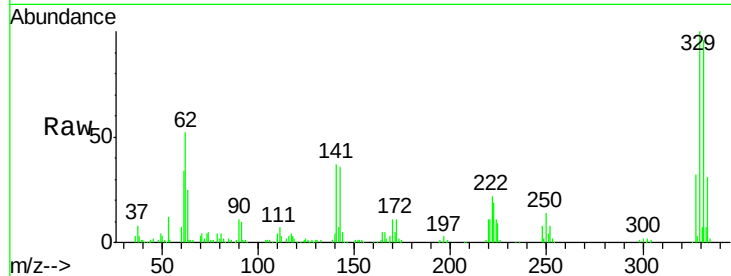
Tgt Ion:330 Resp: 213658

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

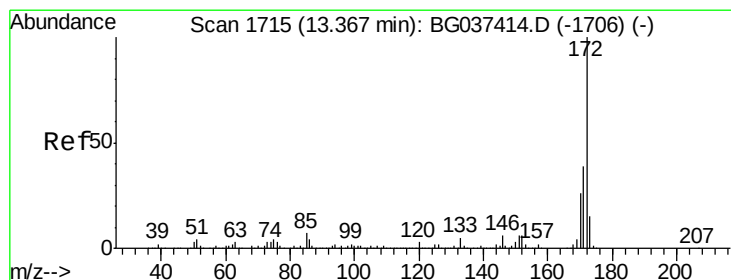
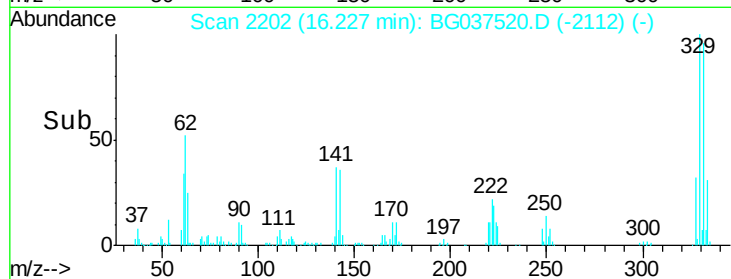
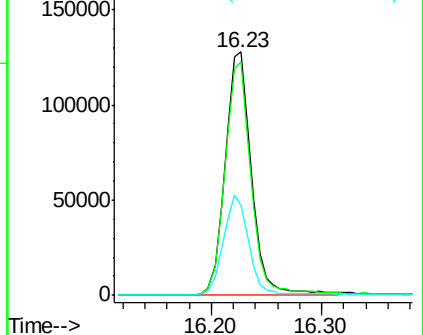
141 40.4 32.2 48.2



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: 80.428 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

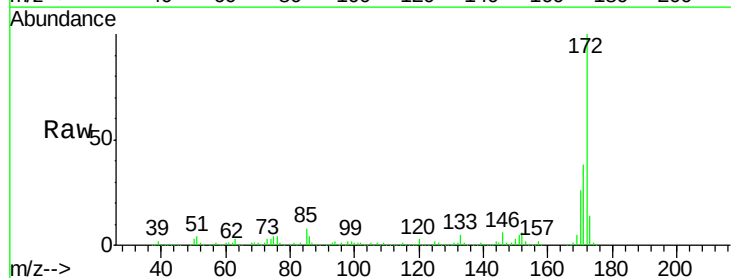
Tgt Ion:172 Resp: 936638

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

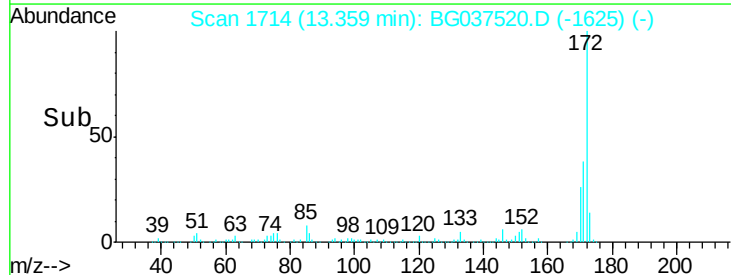
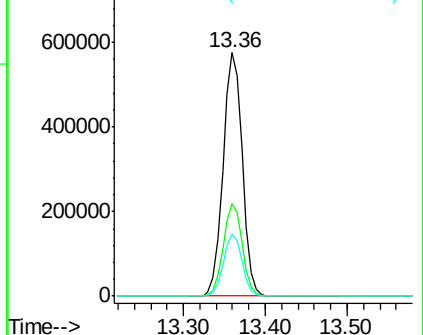
170 25.6 20.2 30.2

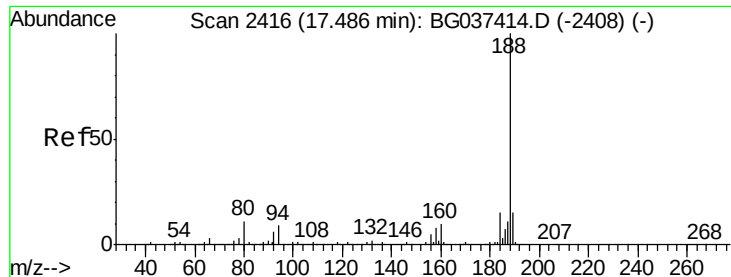


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-B

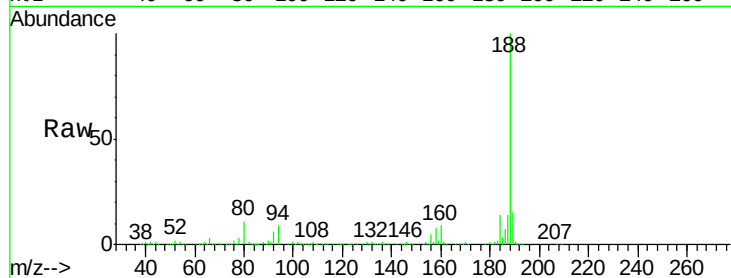
Tgt Ion:188 Resp: 416476

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

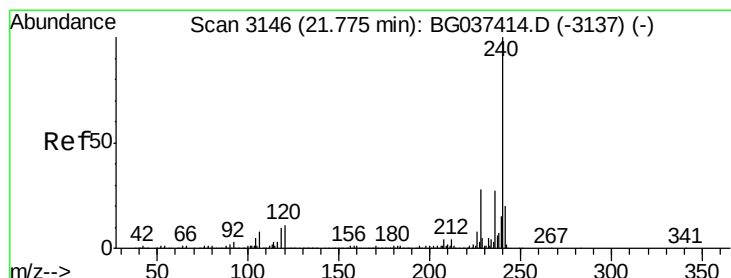
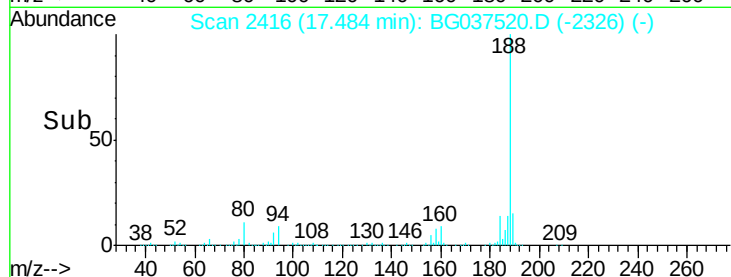
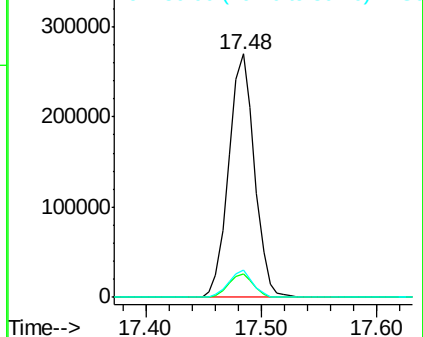
80 11.2 7.7 11.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

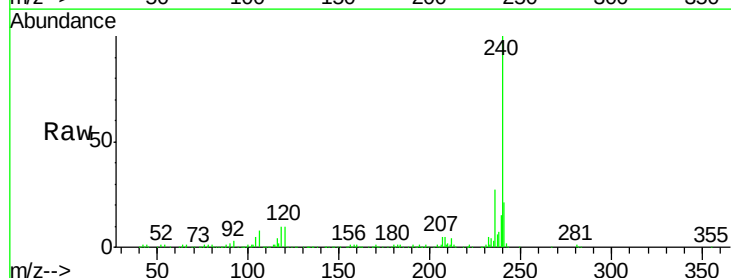
Tgt Ion:240 Resp: 377784

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

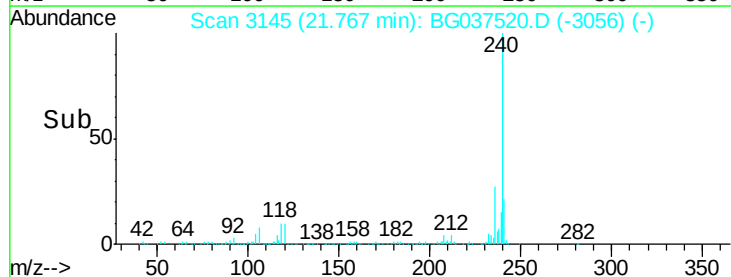
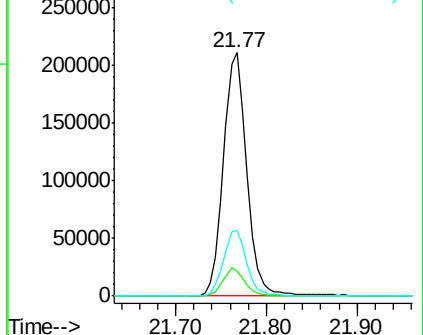
236 27.2 21.4 32.0

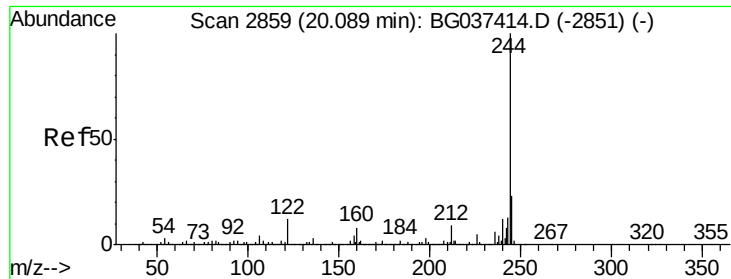


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.891 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-102318-B

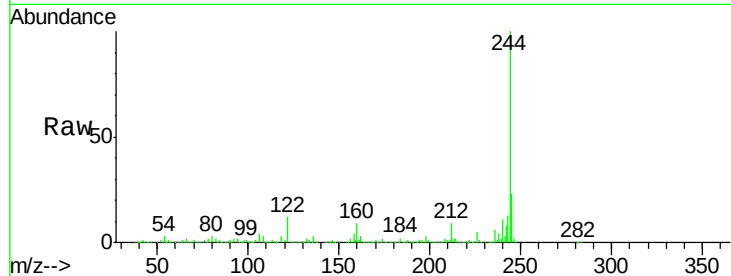
Tgt Ion:244 Resp: 1412493

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

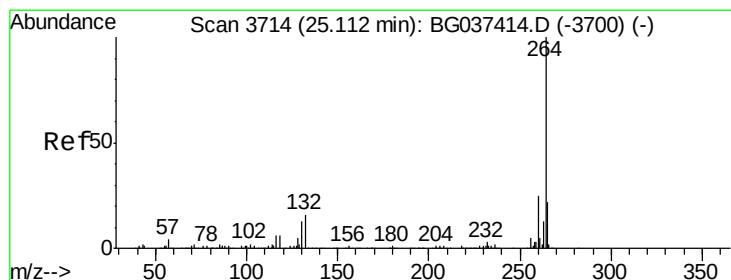
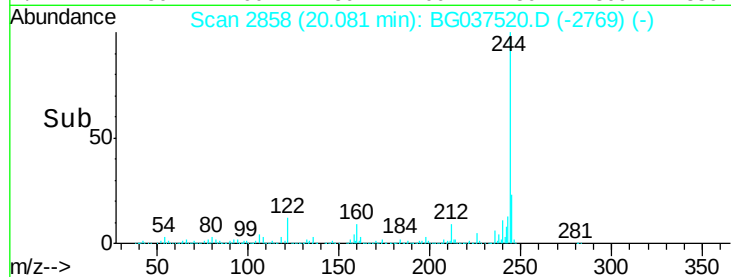
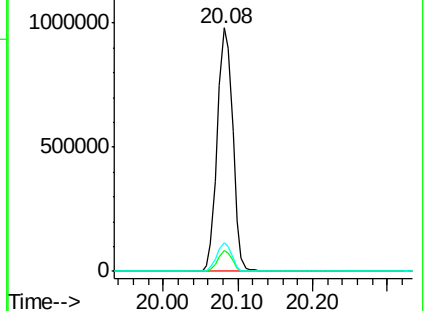
122 11.9 9.0 13.4



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: BG037520.D

Acq: 24 Oct 2018 20:45

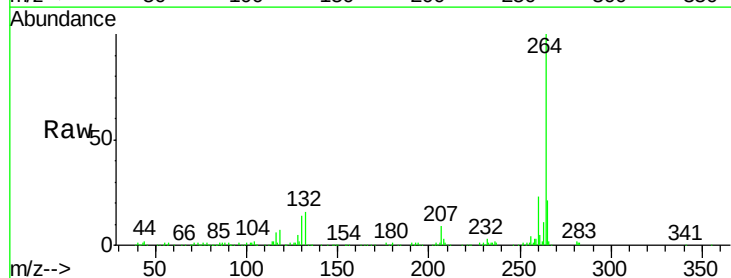
Tgt Ion:264 Resp: 350995

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.7 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

