

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037516.D
 Acq On : 24 Oct 2018 18:08
 Operator : JU/SJ
 Sample : J4771-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318

Quant Time: Oct 25 08:12:35 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	66759	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	293645	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197262	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	468593	20.00	ng	0.00
76) Chrysene-d12	21.76	240	424597	20.00	ng	-0.01
87) Perylene-d12	25.10	264	410637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	443925	111.17	ng	0.00
7) Phenol-d6	7.25	99	594960	98.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	414843	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228517	106.21	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	964004	73.69	ng	0.00
79) Terphenyl-d14	20.08	244	1492823	75.13	ng	0.00

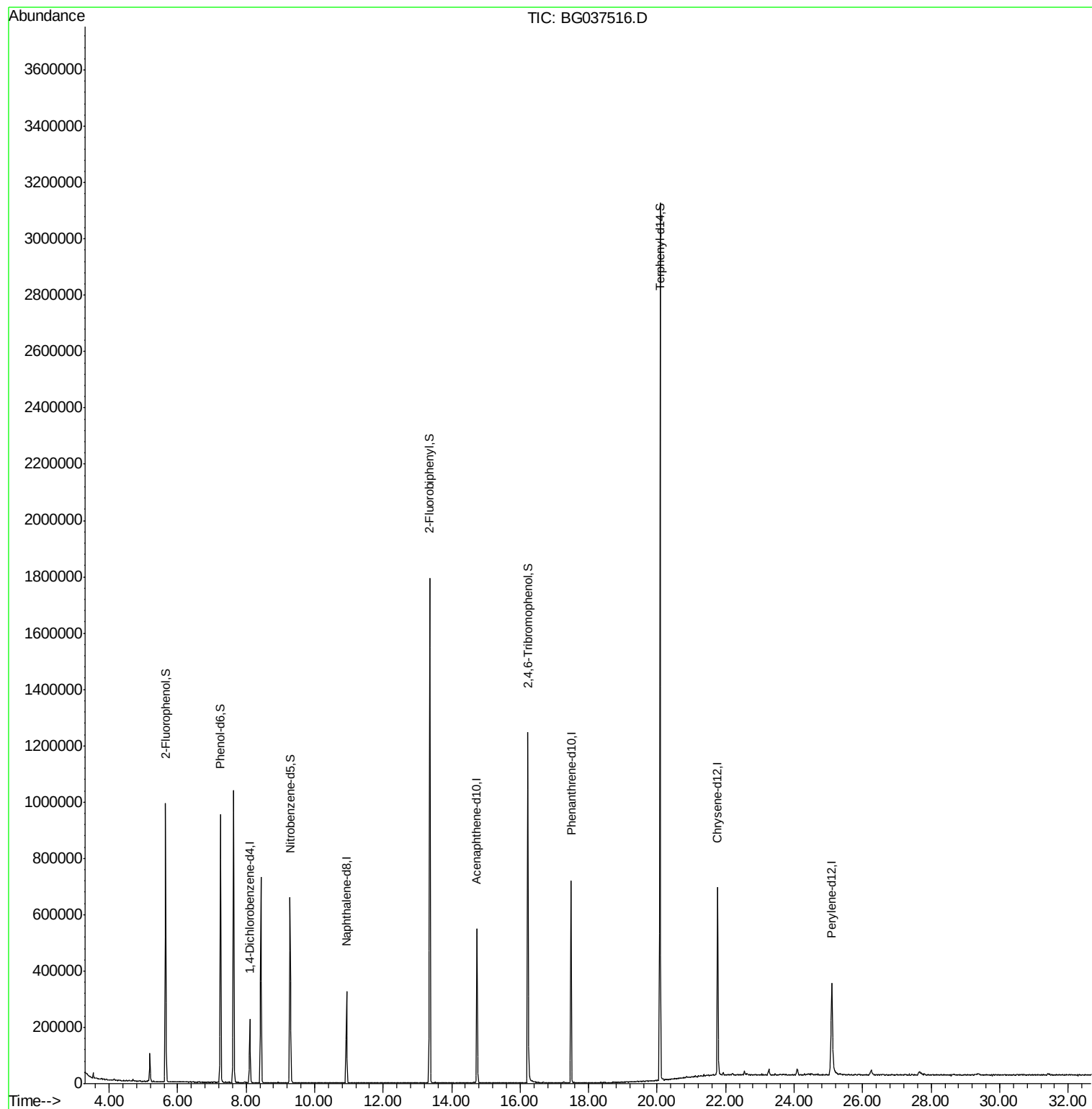
Target Compounds	Qvalue
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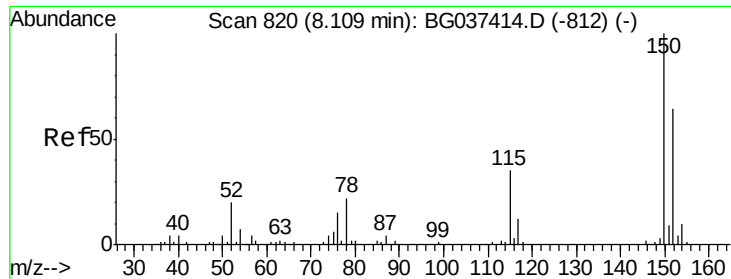
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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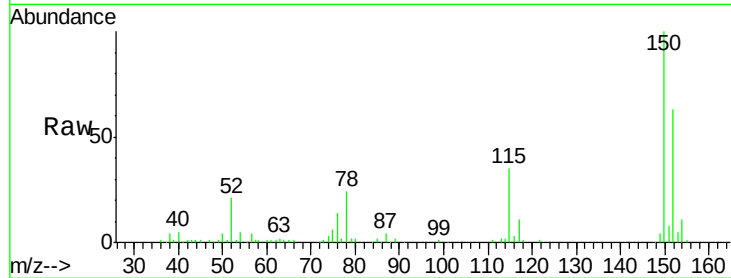


#1

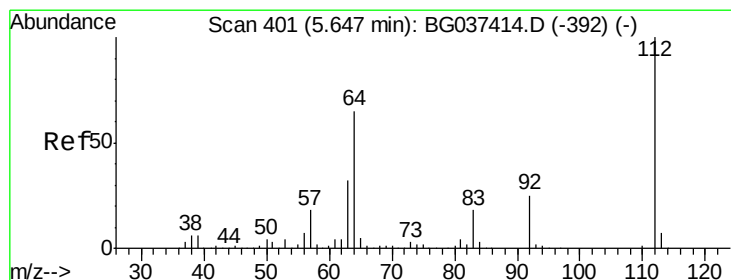
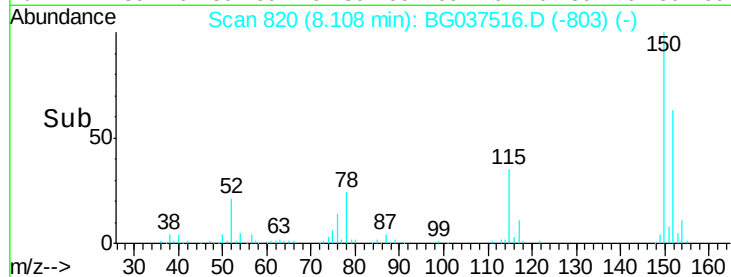
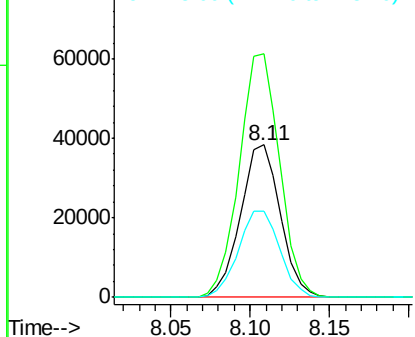
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-102318

Tgt Ion:152 Resp: 66759
Ion Ratio Lower Upper
152 100
150 159.8 126.0 189.0
115 56.5 45.5 68.3



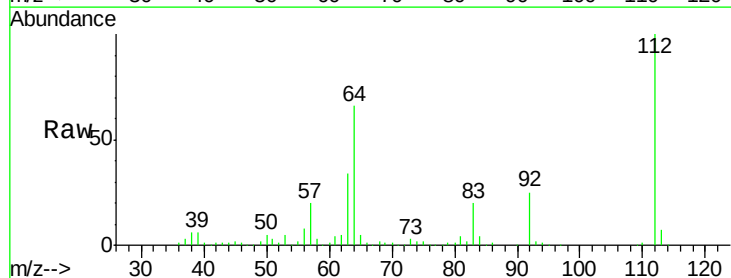
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



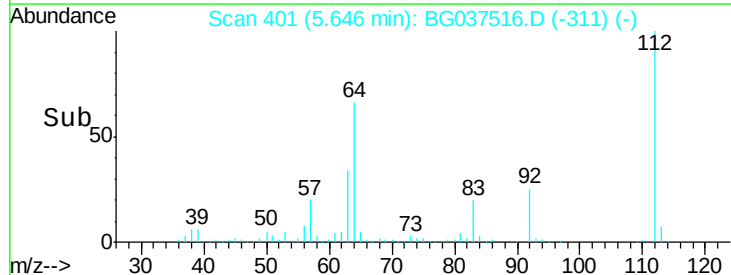
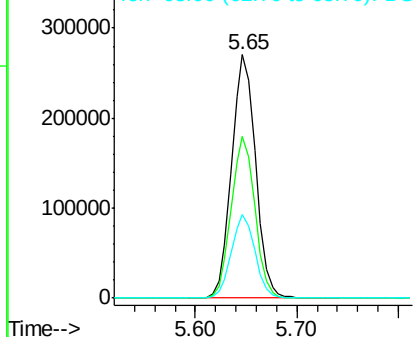
#5

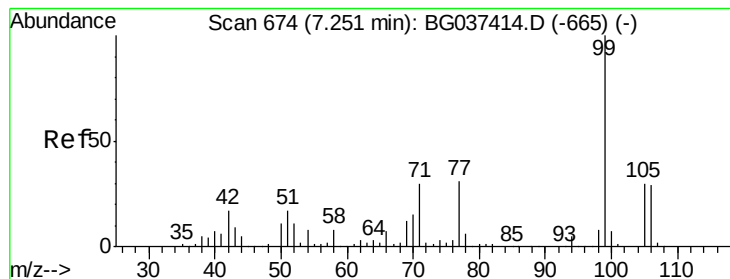
2-Fluorophenol
Concen: 111.173 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Tgt Ion:112 Resp: 443925
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.1 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: 98.535 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-102318

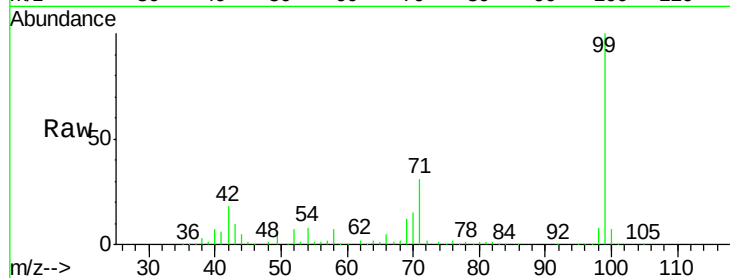
Tgt Ion: 99 Resp: 594960

Ion Ratio Lower Upper

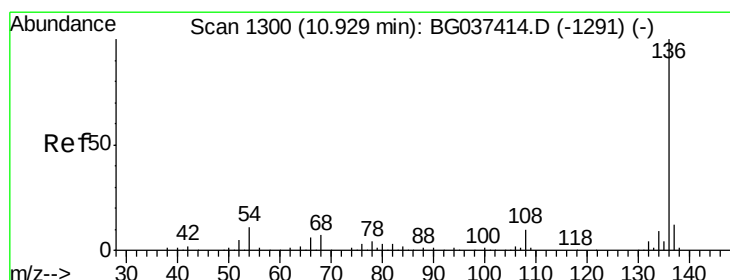
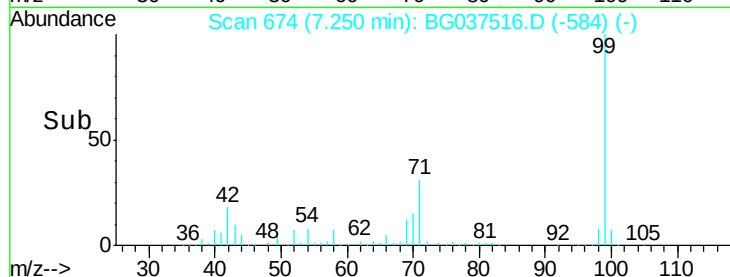
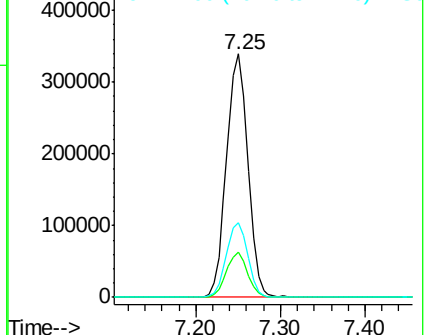
99 100

42 18.3 15.0 22.4

71 30.5 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: BG037516.D

Acq: 24 Oct 2018 18:08

Tgt Ion: 136 Resp: 293645

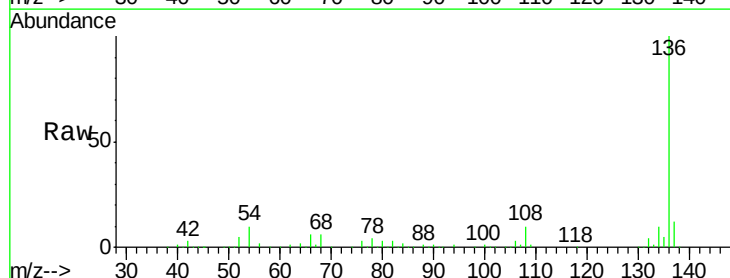
Ion Ratio Lower Upper

136 100

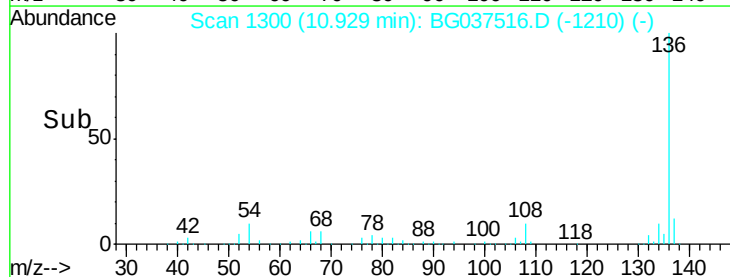
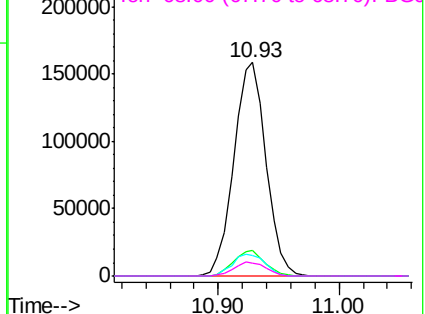
137 12.1 9.6 14.4

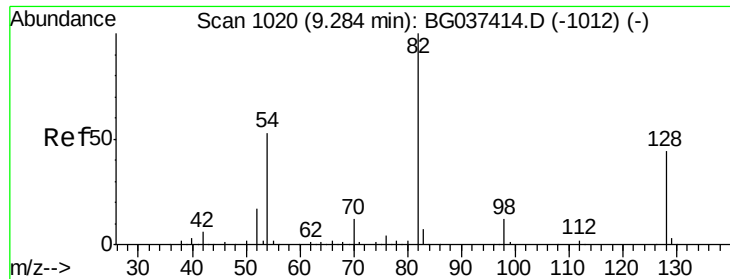
54 9.5 7.9 11.9

68 6.2 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

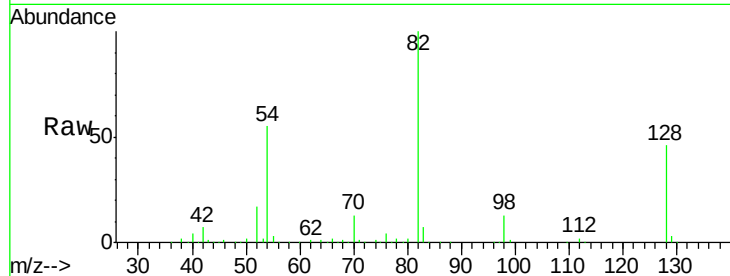




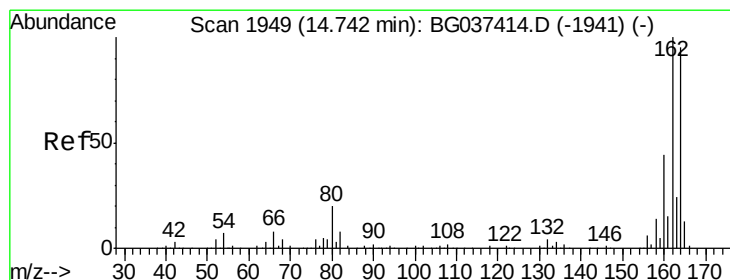
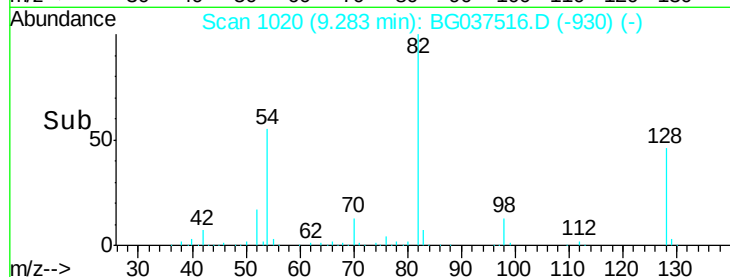
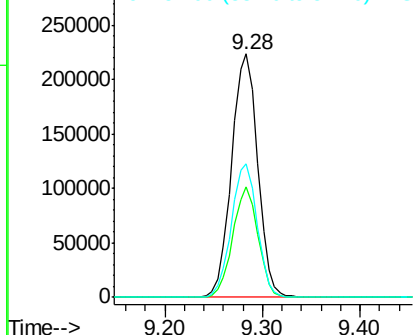
#23
 Nitrobenzene-d5
 Concen: 79.140 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318

Tgt Ion: 82 Resp: 414843
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.6 51.8
 54 55.0 45.3 67.9

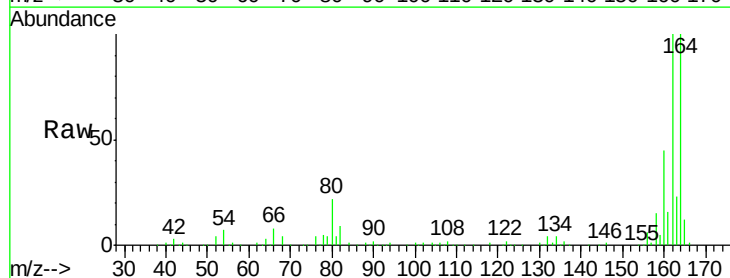


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

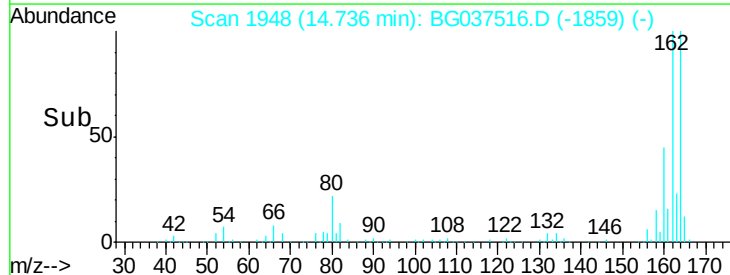
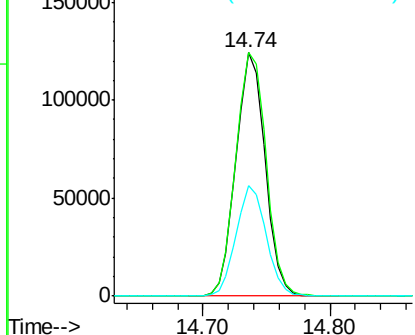


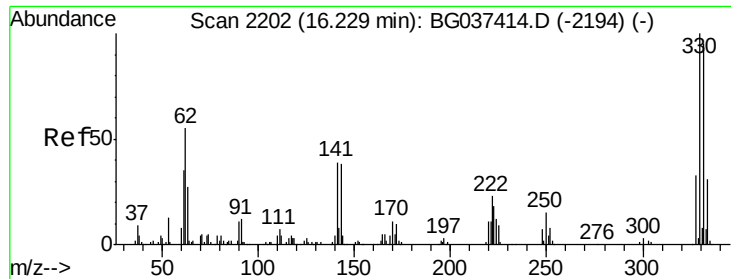
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Tgt Ion: 164 Resp: 197262
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.3 121.9
 160 45.3 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: 106.212 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-102318

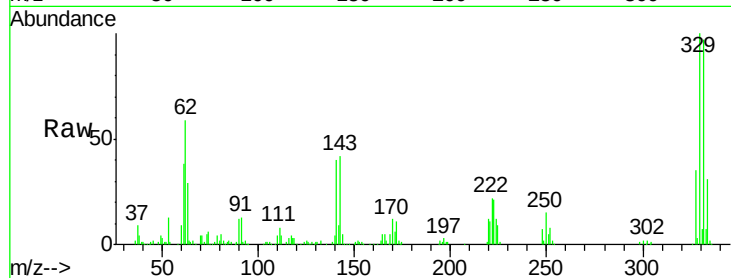
Tgt Ion:330 Resp: 228517

Ion Ratio Lower Upper

330 100

332 97.6 78.4 117.6

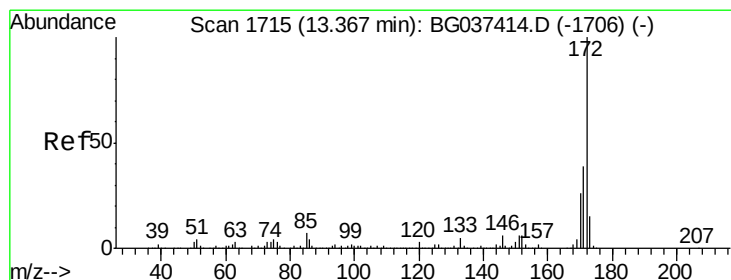
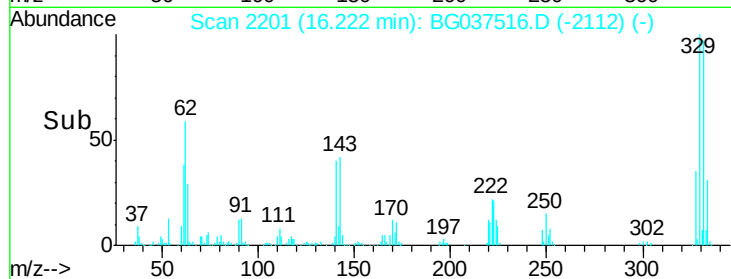
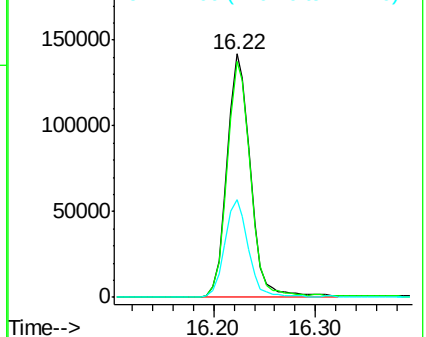
141 40.1 32.2 48.2



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: 73.692 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

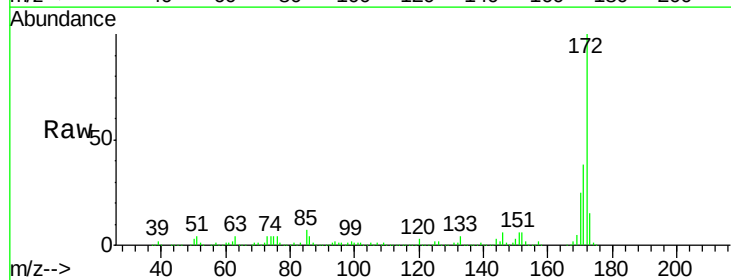
Tgt Ion:172 Resp: 964004

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

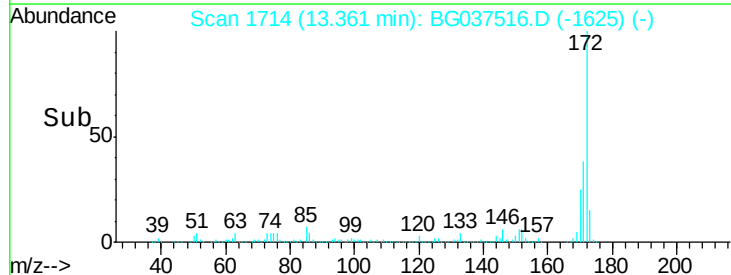
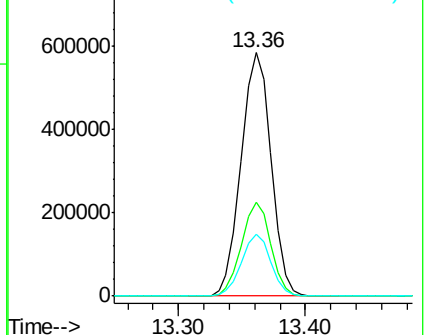
170 25.2 20.2 30.2

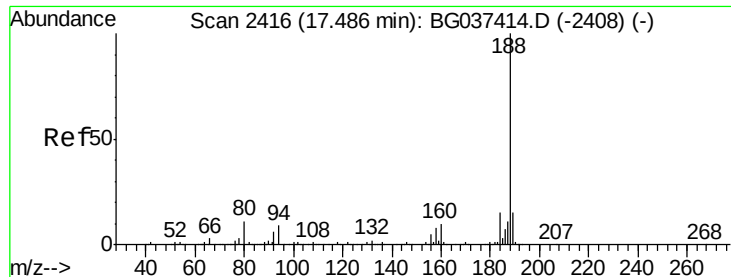


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

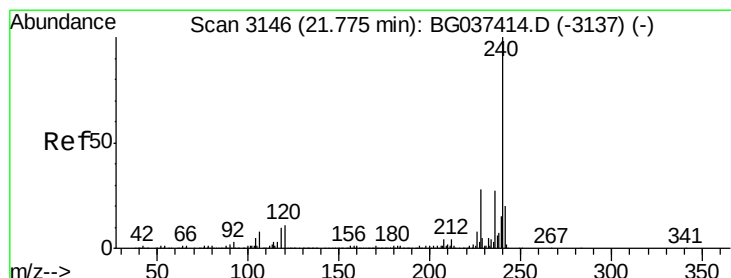
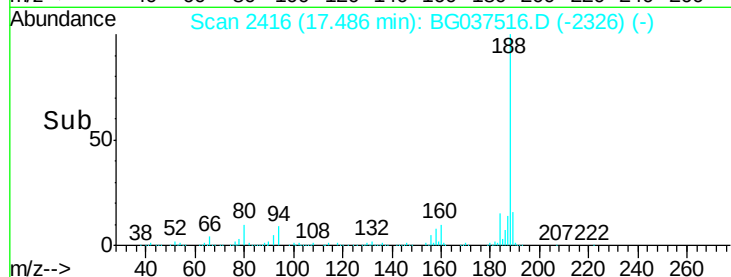
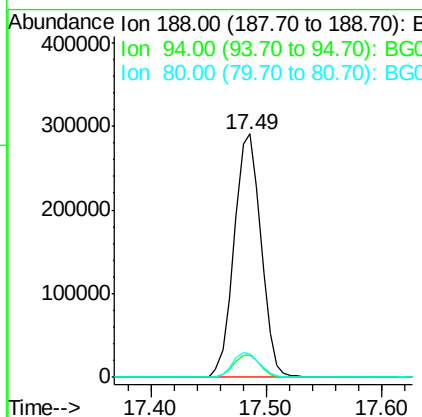
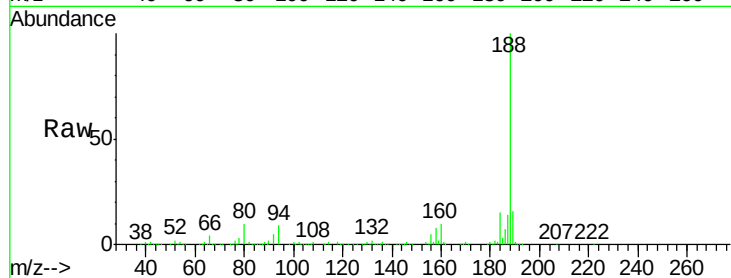




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

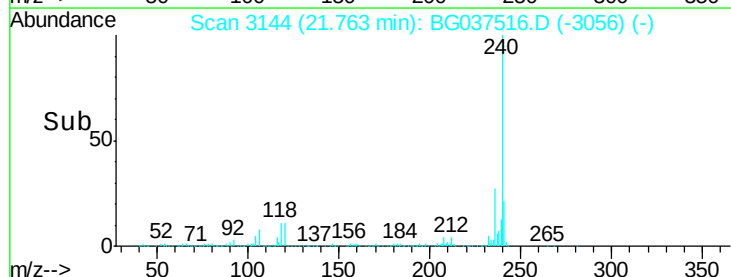
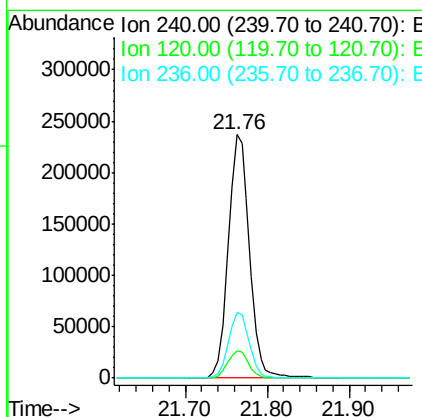
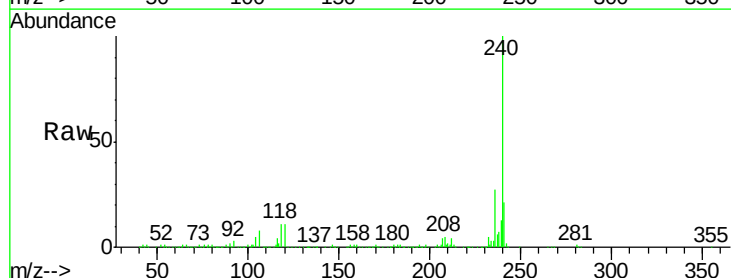
Instrument :
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NB-08-102318

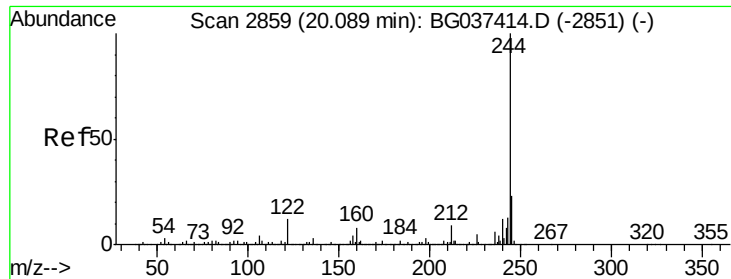
Tgt Ion:188 Resp: 468593
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Tgt Ion:240 Resp: 424597
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 75.126 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-102318

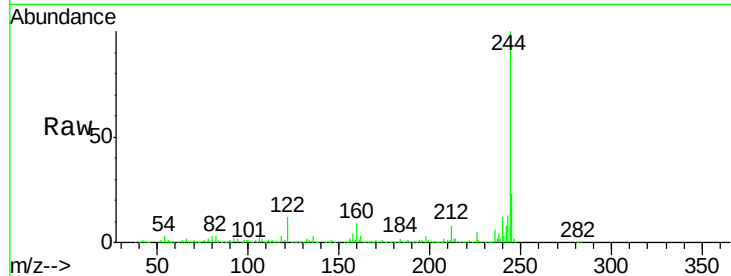
Tgt Ion:244 Resp: 1492823

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

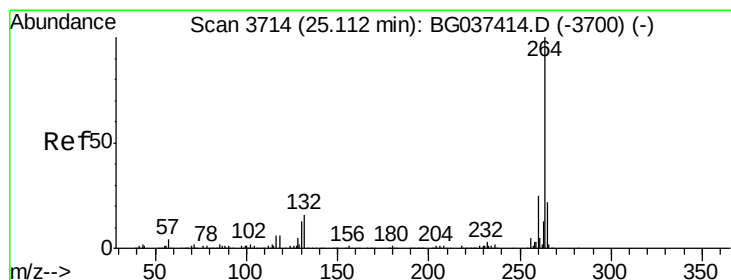
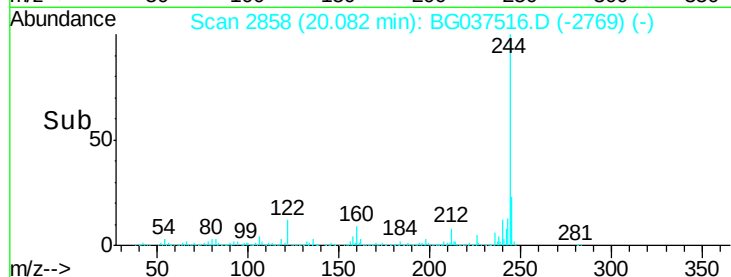
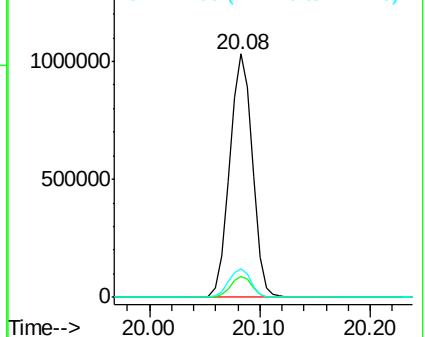
122 11.6 9.0 13.4



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: BG037516.D

Acq: 24 Oct 2018 18:08

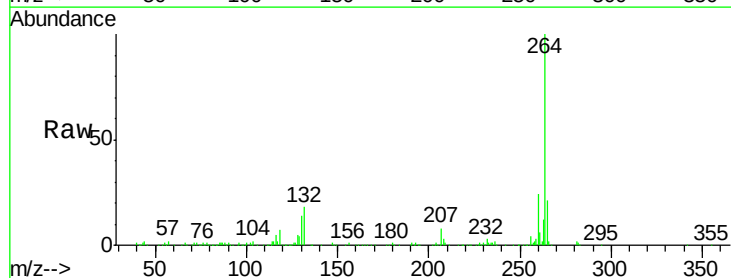
Tgt Ion:264 Resp: 410637

Ion Ratio Lower Upper

264 100

260 23.9 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

