

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037289.D
 Acq On : 12 Oct 2018 12:58
 Operator : JU/SJ
 Sample : PB113678BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Quant Time: Oct 12 14:20:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53173	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	224524	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	149328	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	411201	20.00	ng	0.00
76) Chrysene-d12	21.78	240	418051	20.00	ng	-0.01
87) Perylene-d12	25.14	264	414475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	382326	126.54	ng	0.00
7) Phenol-d6	7.26	99	530466	115.67	ng	0.00
23) Nitrobenzene-d5	9.29	82	286877	84.00	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	197833	135.09	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	756206	76.05	ng	0.00
79) Terphenyl-d14	20.10	244	1408829	70.76	ng	0.00

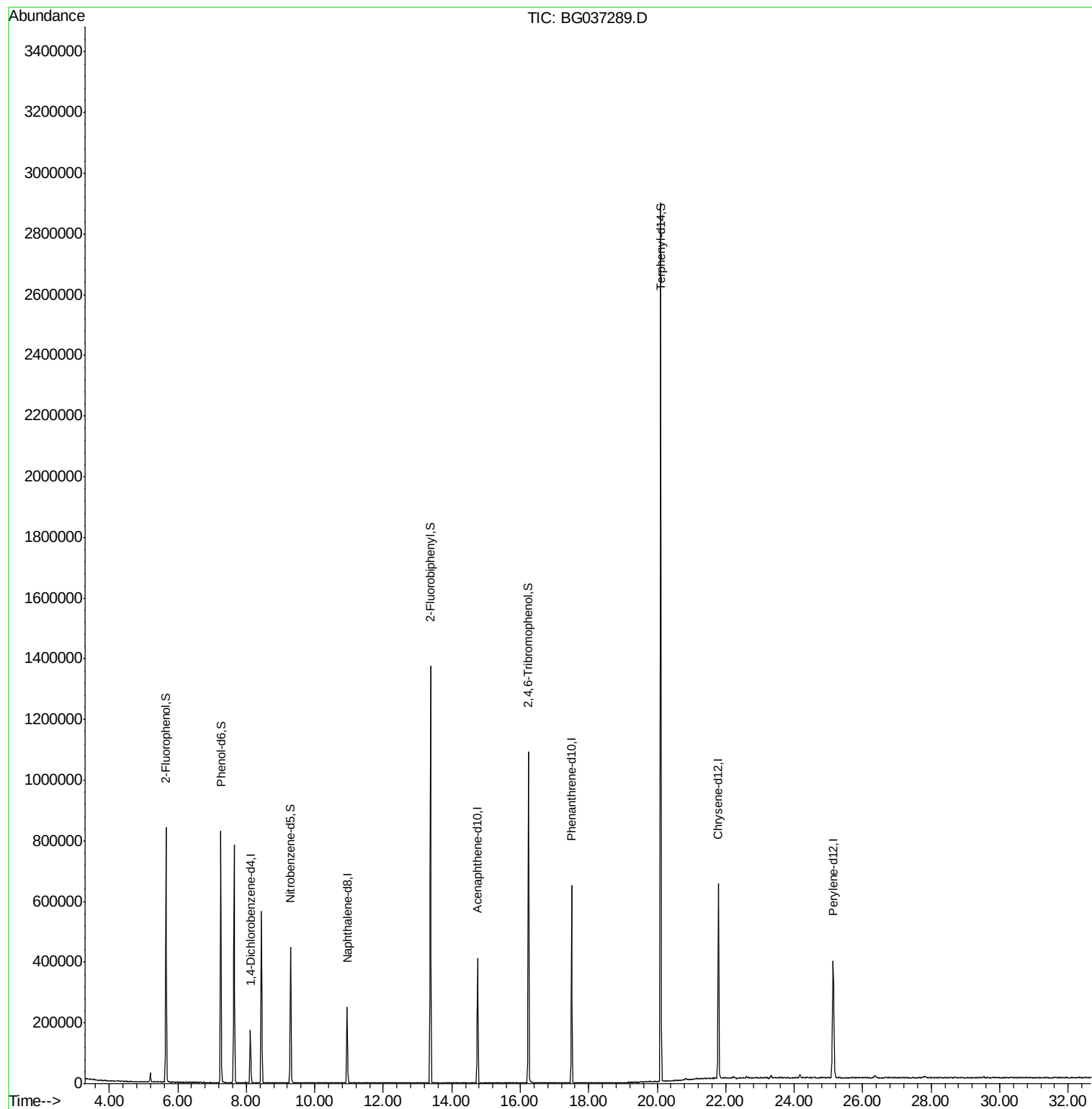
Target Compounds Qvalue

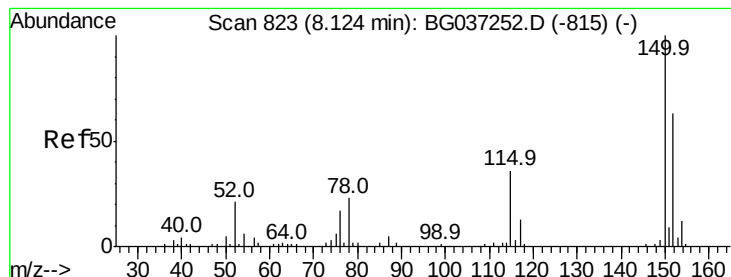
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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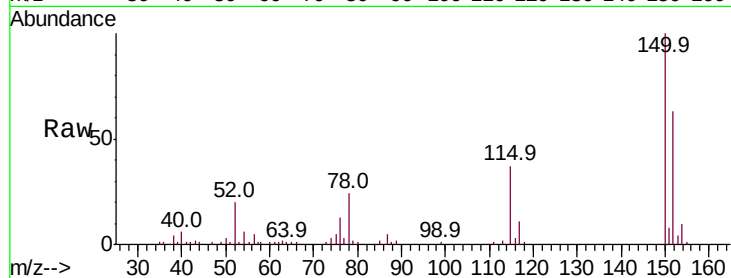


#1

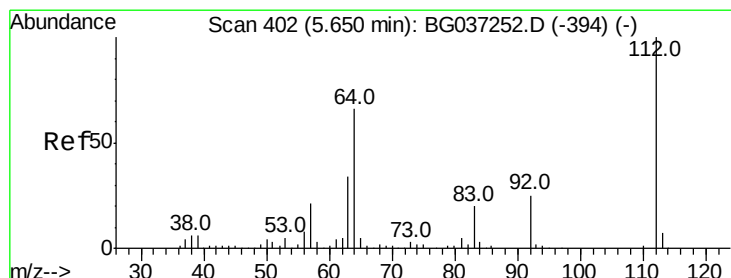
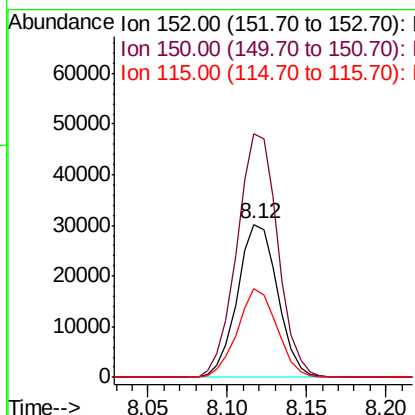
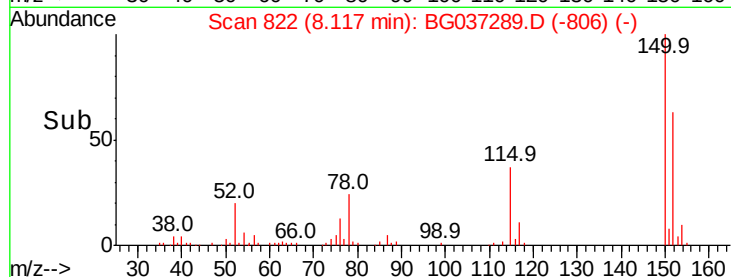
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB113678BL

Tot Ion:152 Resp: 53173
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 58.3 45.5 68.3



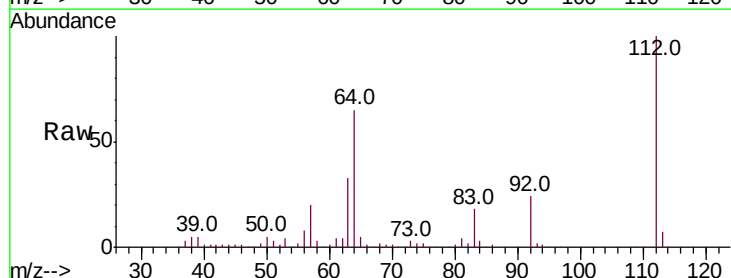
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



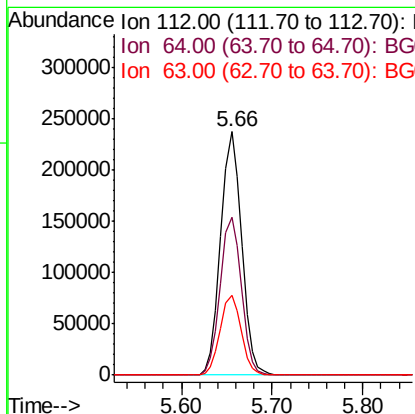
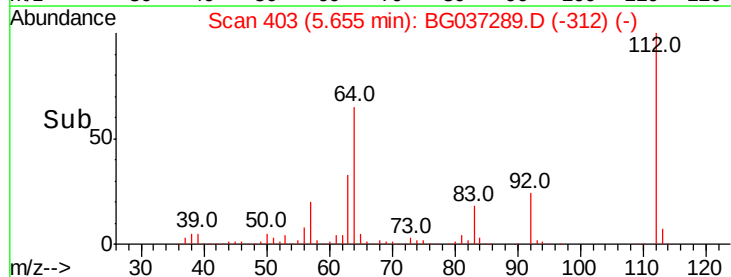
#5

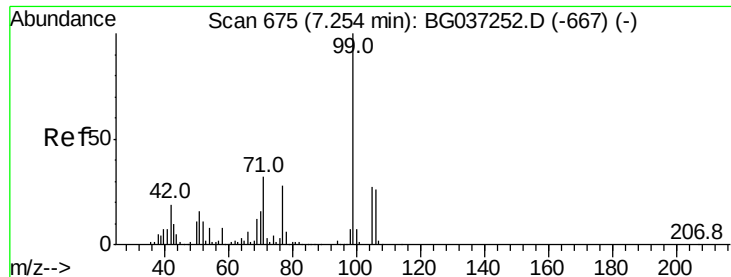
2-Fluorophenol
Concen: 126.541 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037289.D
Acq: 12 Oct 2018 12:58

Tgt Ion:112 Resp: 382326
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 32.8 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: 115.673 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampleId :

PB113678BL

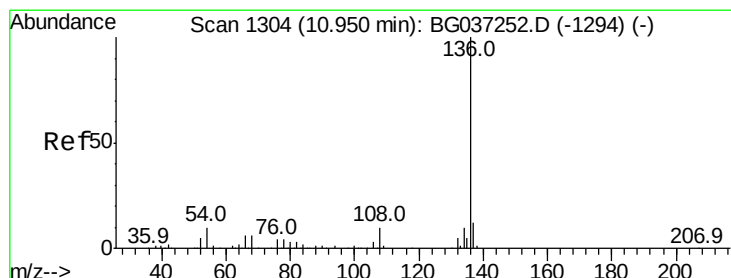
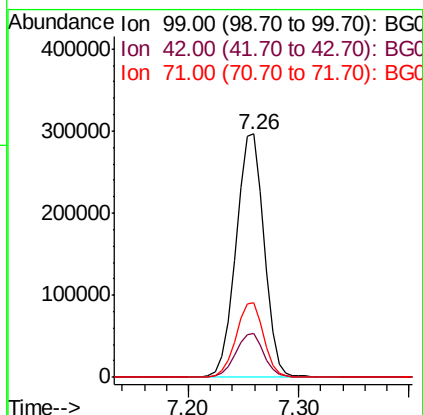
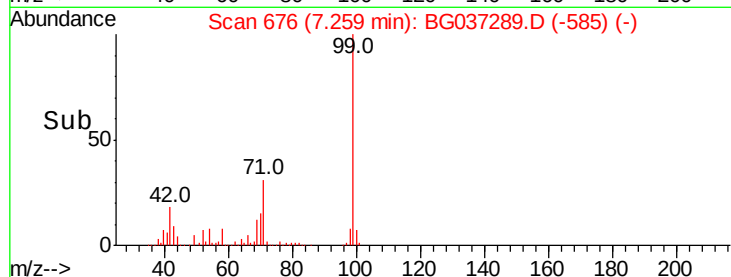
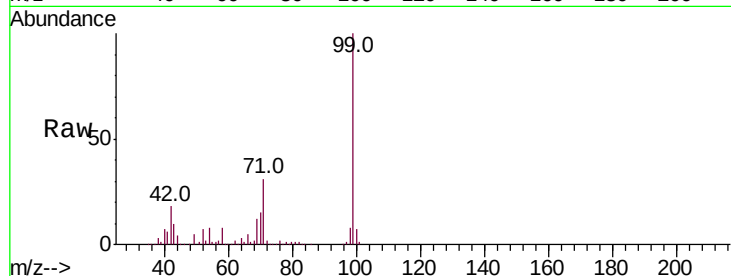
Tot Ion: 99 Resp: 530466

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

71 30.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Tgt Ion: 136 Resp: 224524

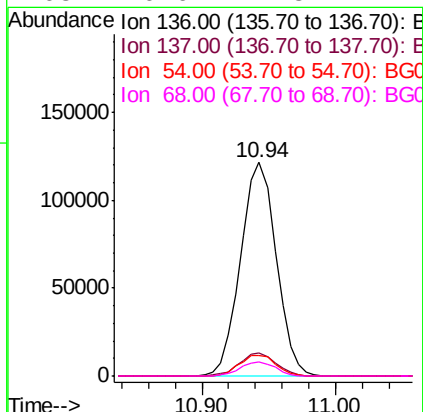
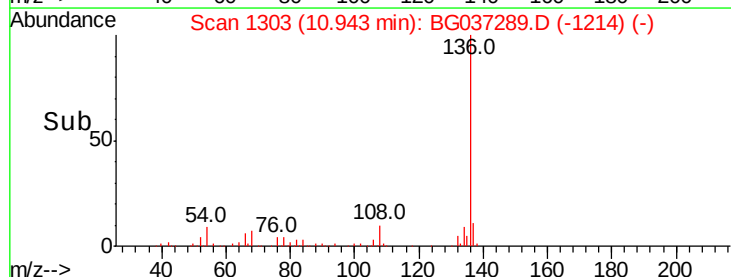
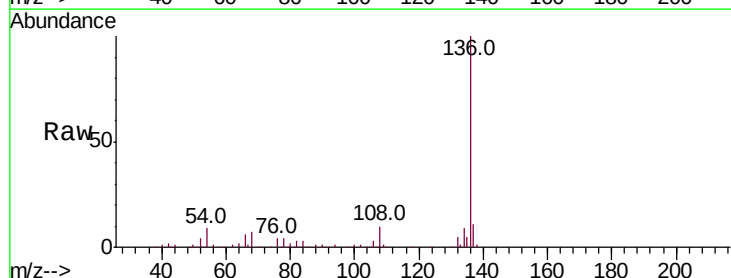
Ion Ratio Lower Upper

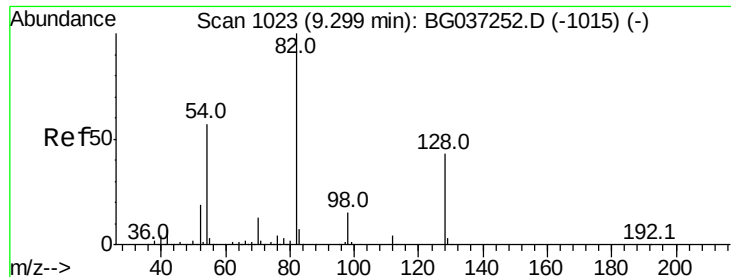
136 100

137 10.8 9.6 14.4

54 9.4 7.9 11.9

68 6.6 4.8 7.2

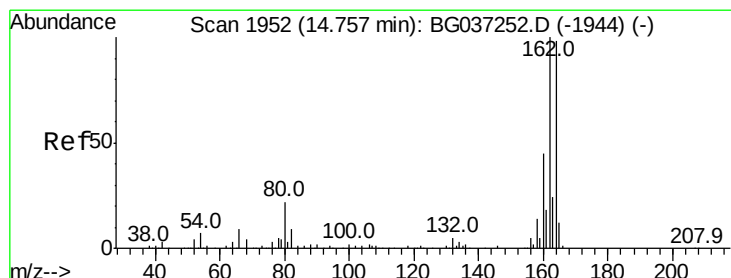
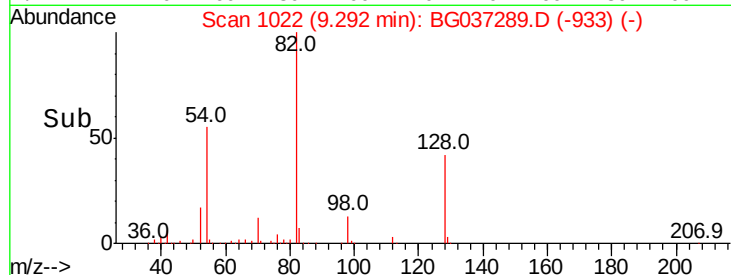
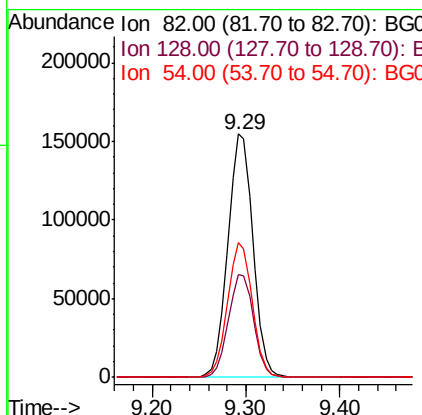
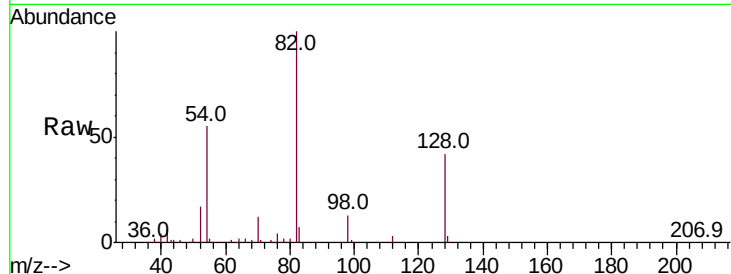




#23
 Nitrobenzene-d5
 Concen: 84.003 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037289.D
 Acq: 12 Oct 2018 12:58

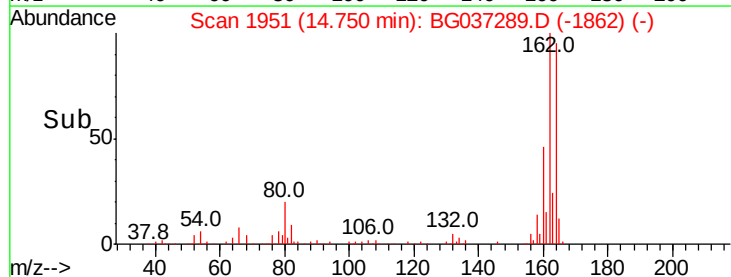
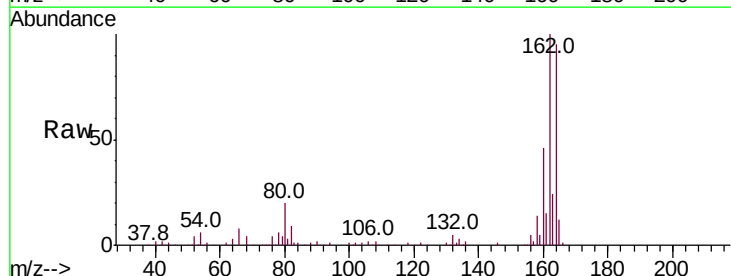
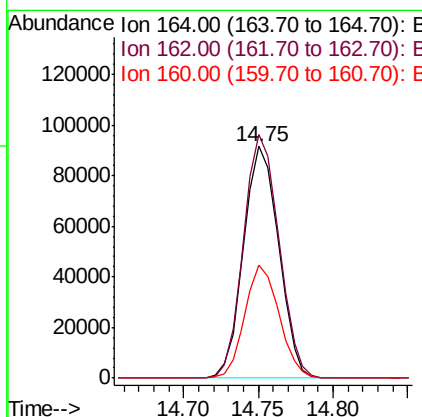
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

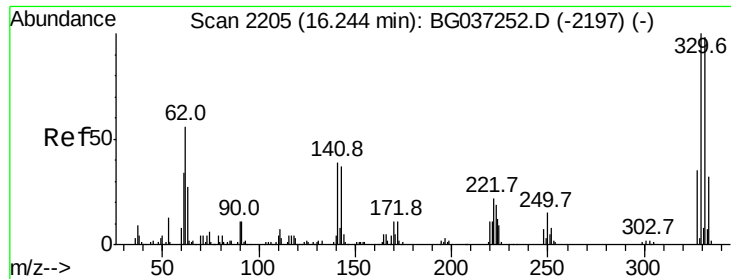
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	55.4	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG037289.D
 Acq: 12 Oct 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.3	121.9
160	48.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 135.087 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampleId :

PB113678BL

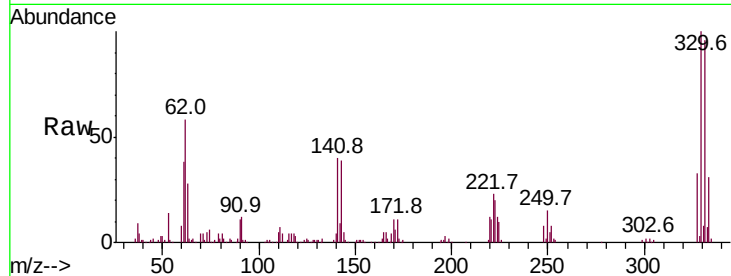
Tot Ion:330 Resp: 197833

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

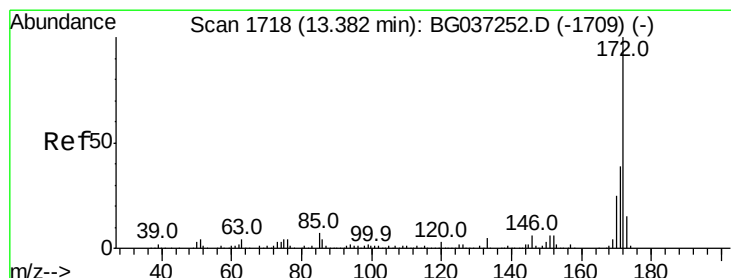
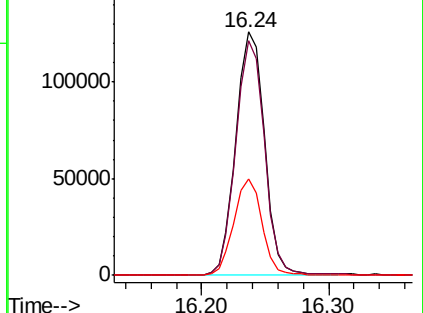
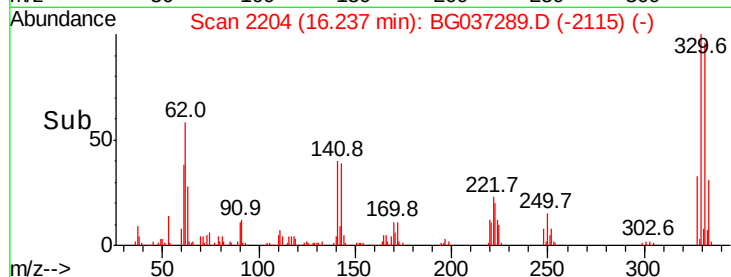
141 38.9 32.2 48.2



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: 76.050 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

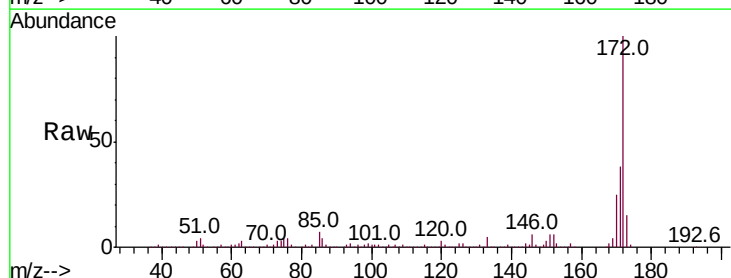
Tgt Ion:172 Resp: 756206

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

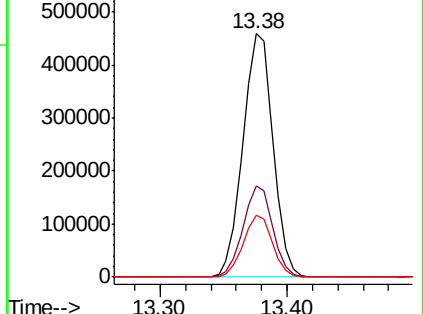
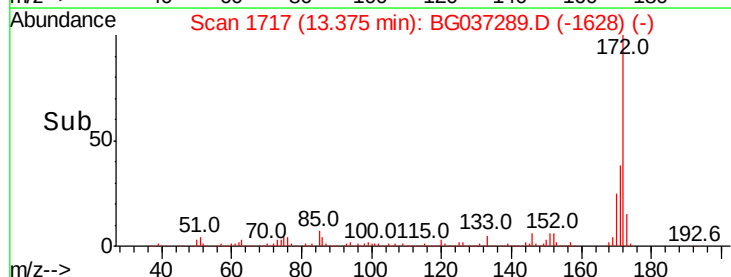
170 25.4 20.2 30.2

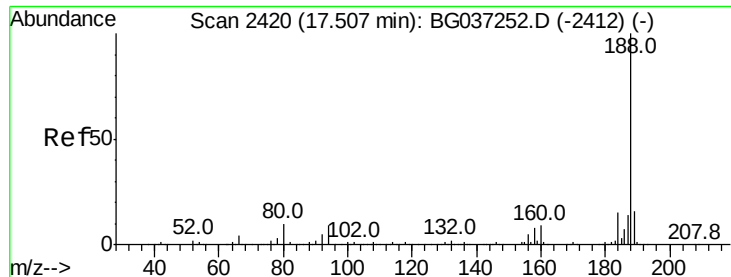


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampleId :

PB113678BL

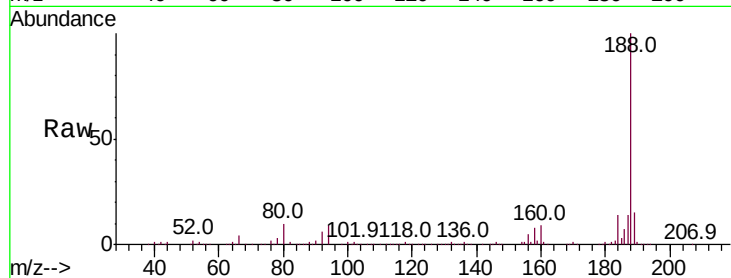
Tot Ion:188 Resp: 411201

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

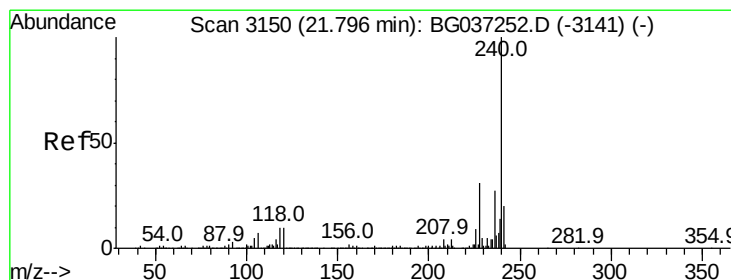
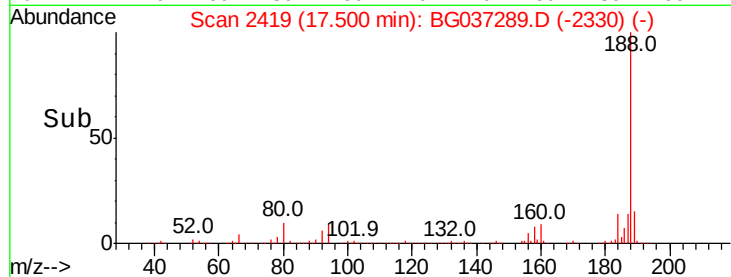
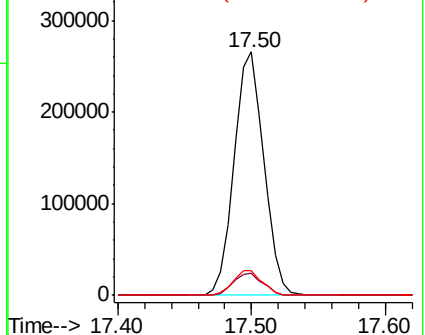
80 10.0 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

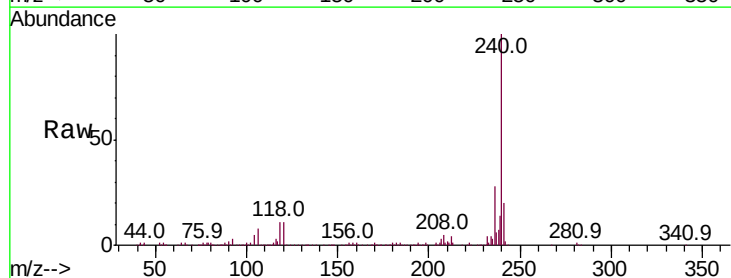
Tgt Ion:240 Resp: 418051

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

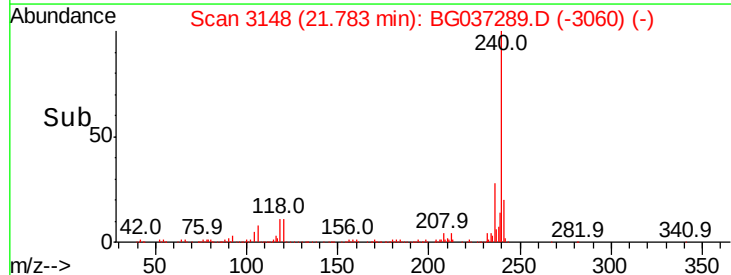
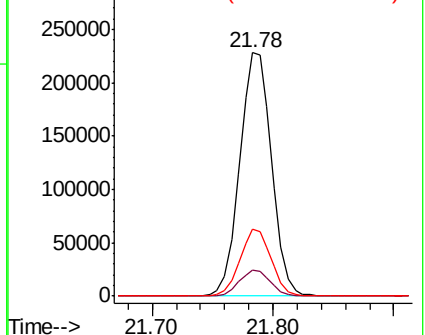
236 27.7 21.4 32.0

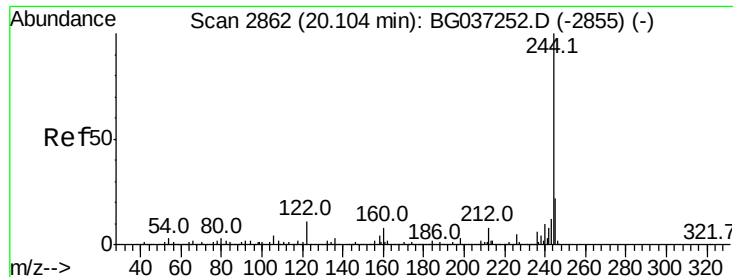


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.761 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

Instrument :

BNA_G

ClientSampleId :

PB113678BL

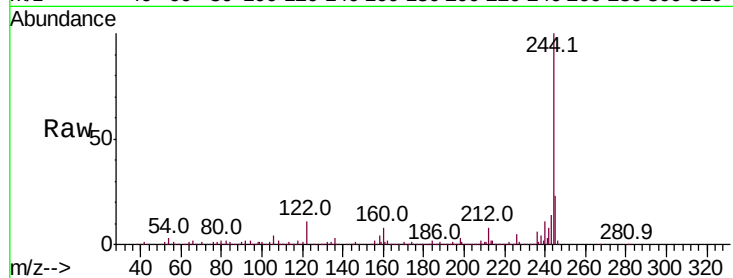
Tot Ion:244 Resp: 1408829

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

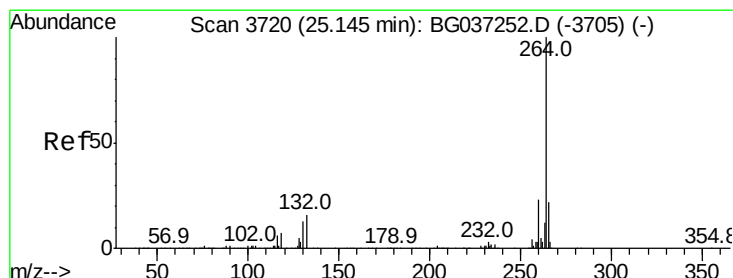
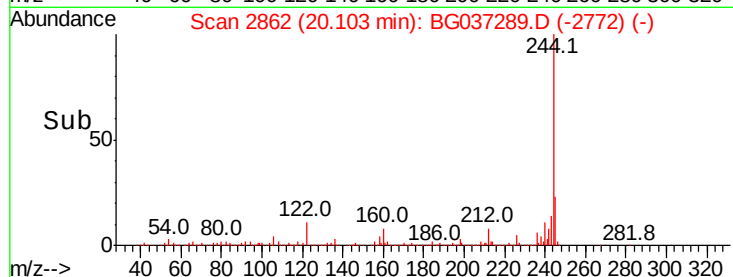
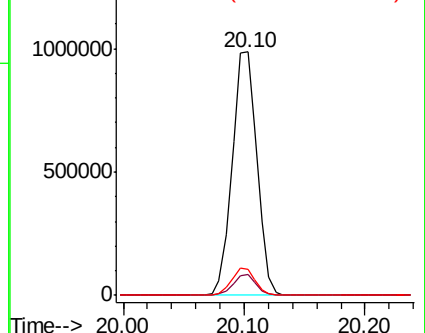
122 10.7 9.0 13.4



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: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037289.D

Acq: 12 Oct 2018 12:58

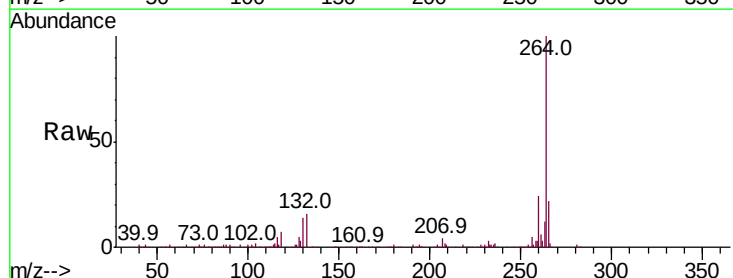
Tgt Ion:264 Resp: 414475

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.2 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

