

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037699.D
 Acq On : 1 Nov 2018 00:49
 Operator : JU/SJ
 Sample : PB114346TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114346TB

Quant Time: Nov 01 07:23:11 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	51811	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229670	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	162279	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	397295	20.00	ng	0.00
76) Chrysene-d12	21.76	240	354148	20.00	ng	-0.01
87) Perylene-d12	25.10	264	296015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	468635	151.22	ng	0.00
7) Phenol-d6	7.24	99	680457	145.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	392304	95.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	216464	122.30	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	981624	91.22	ng	-0.01
79) Terphenyl-d14	20.08	244	1499063	90.45	ng	-0.01

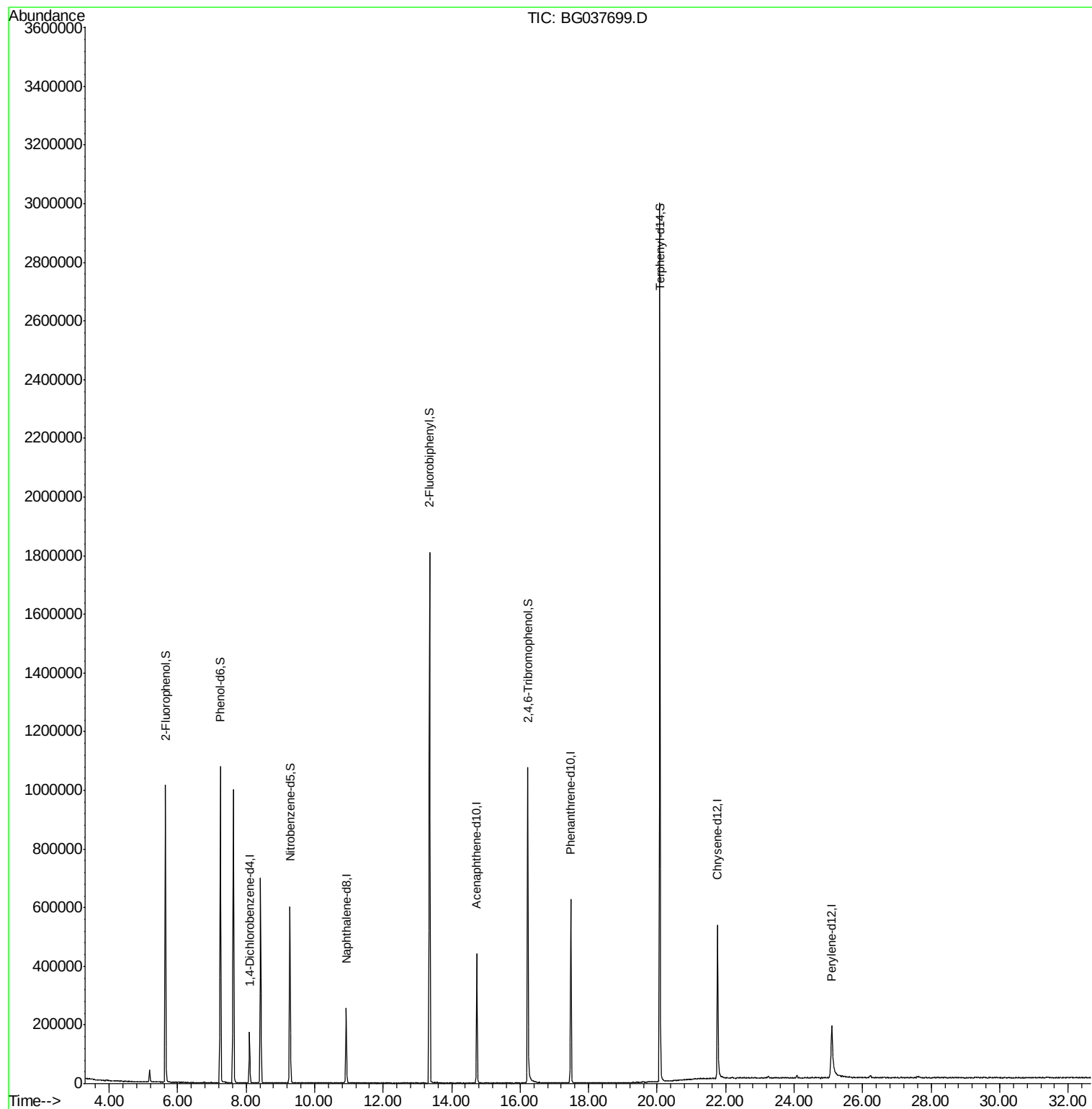
Target Compounds Qvalue

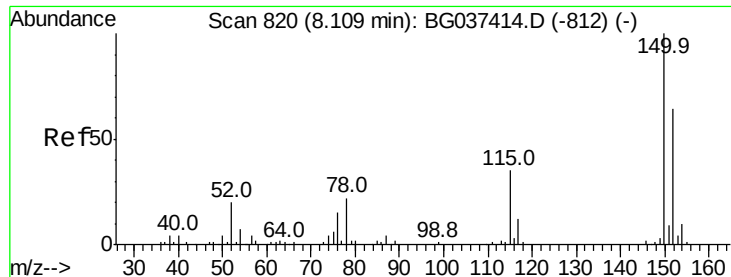
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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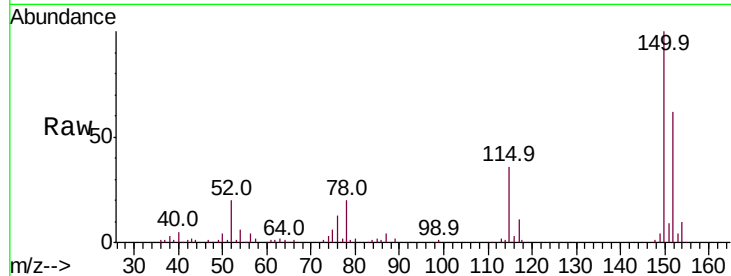


#1

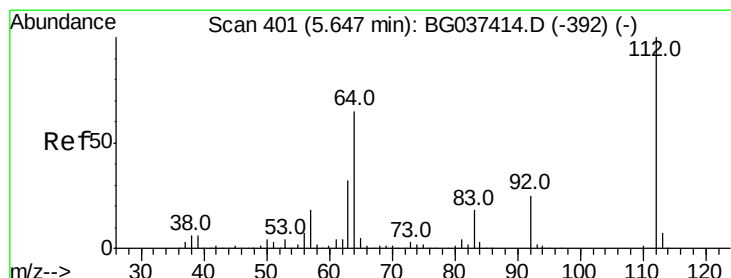
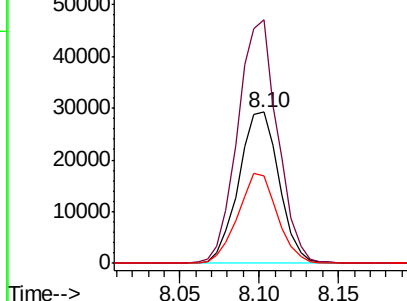
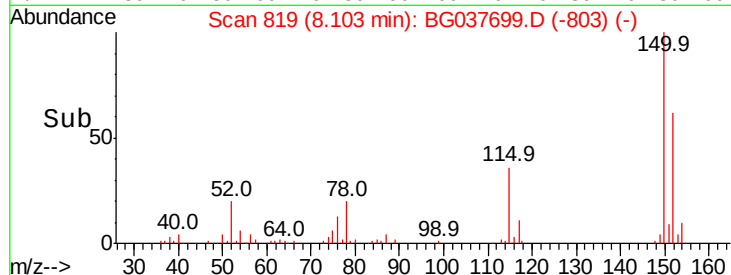
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampleId :
PB114346TB

Tot Ion:152 Resp: 51811
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.4 45.5 68.3



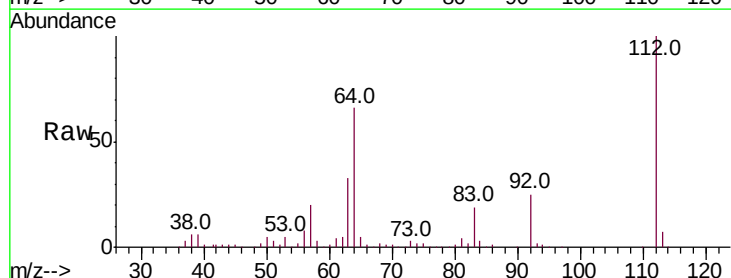
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



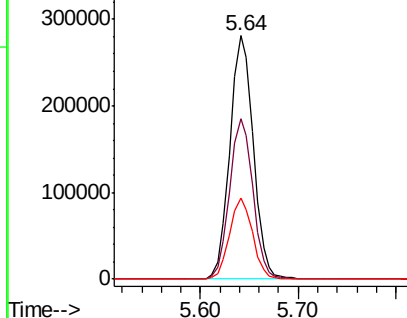
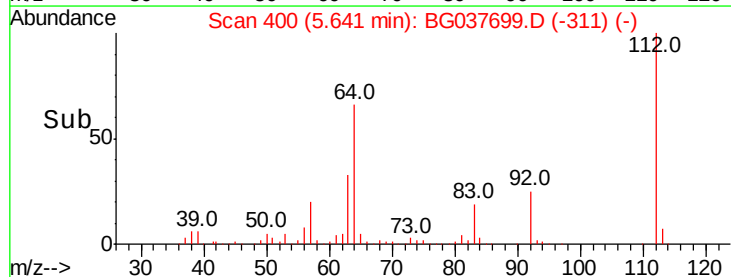
#5

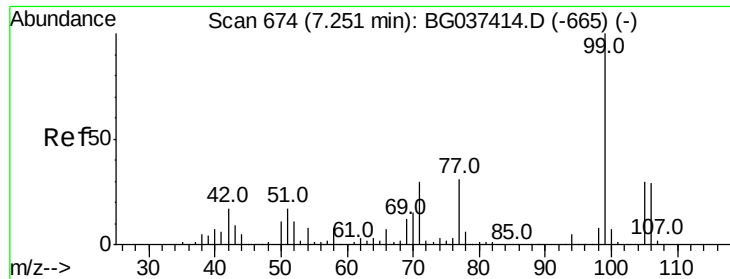
2-Fluorophenol
Concen: 151.221 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:112 Resp: 468635
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.2 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: 145.208 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Instrument :

BNA_G

ClientSampleId :

PB114346TB

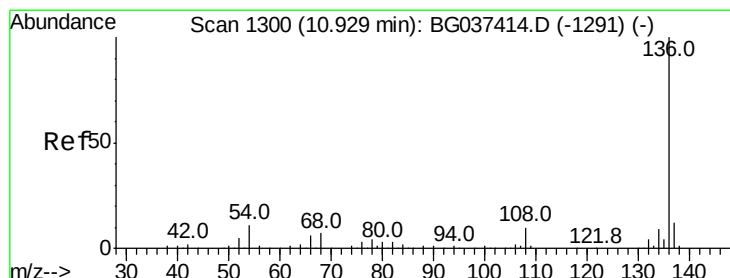
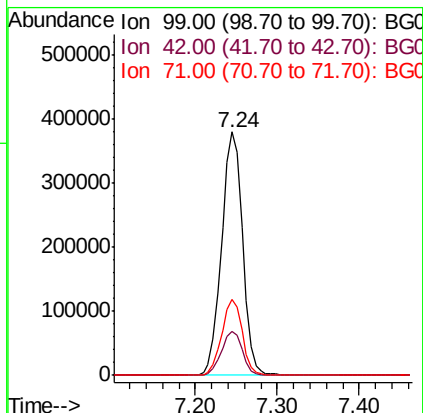
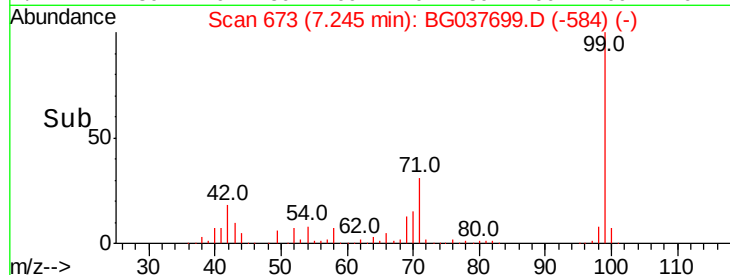
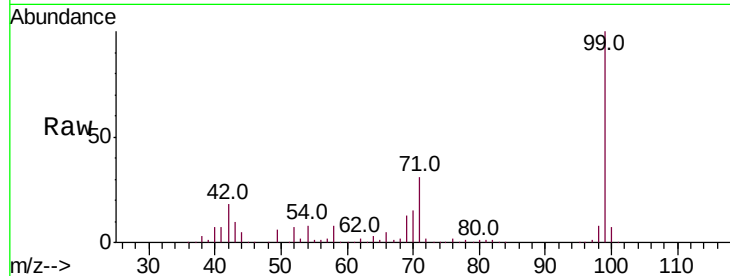
Tot Ion: 99 Resp: 680457

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Tgt Ion: 136 Resp: 229670

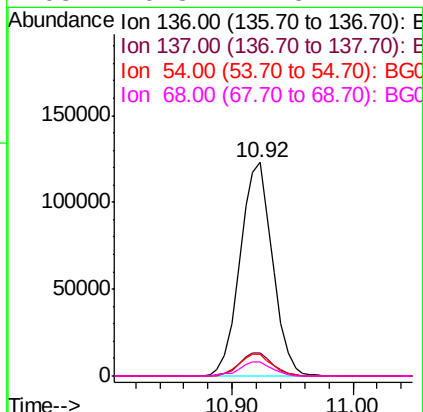
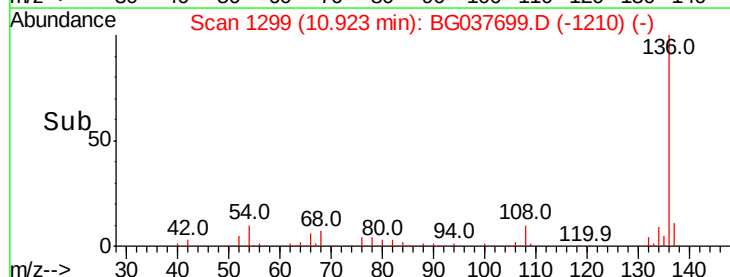
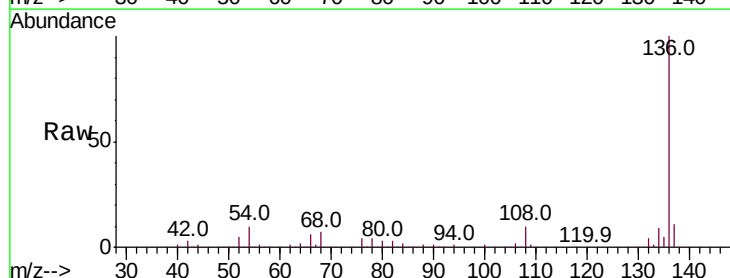
Ion Ratio Lower Upper

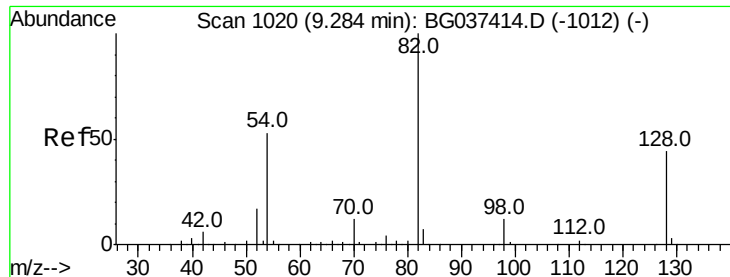
136 100

137 11.1 9.6 14.4

54 10.4 7.9 11.9

68 6.8 4.8 7.2

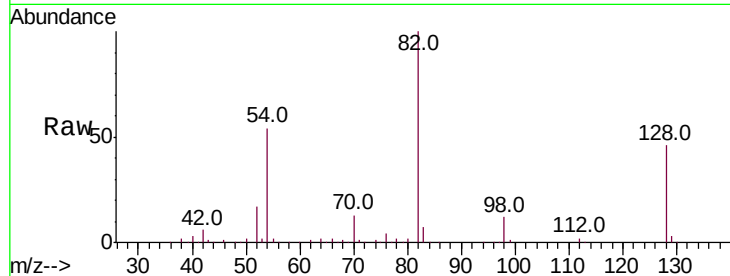




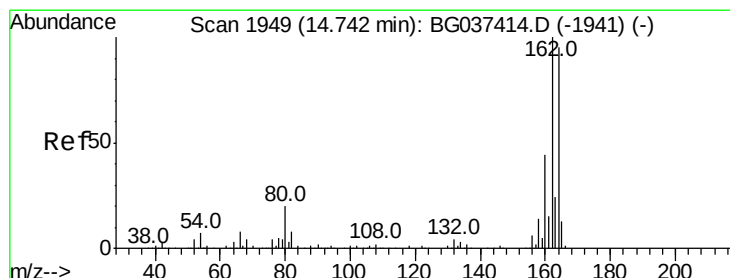
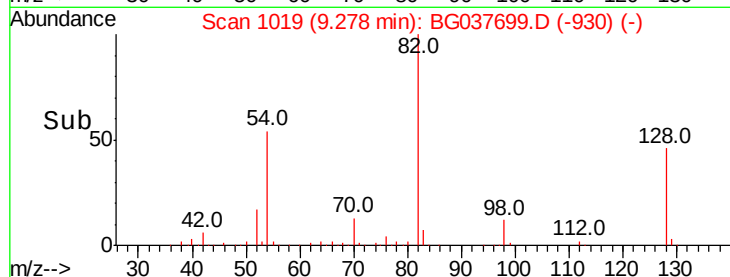
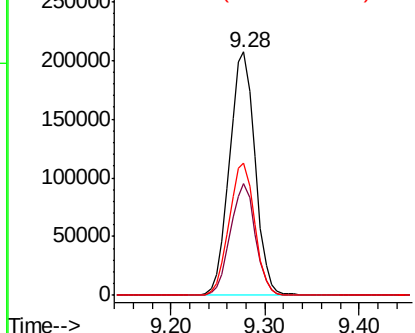
#23
Nitrobenzene-d5
Concen: 95.687 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Instrument :
BNA_G
ClientSampleId :
PB114346TB

Tot Ion: 82 Resp: 392304
Ion Ratio Lower Upper
82 100
128 46.0 34.6 51.8
54 54.4 45.3 67.9

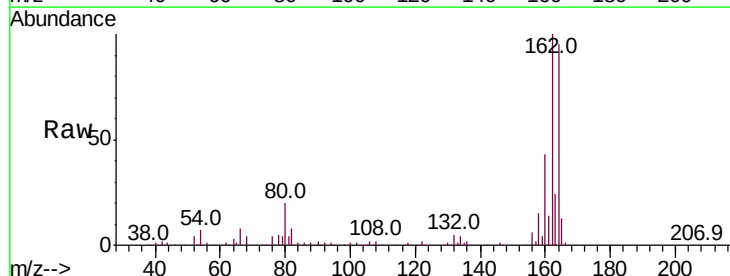


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

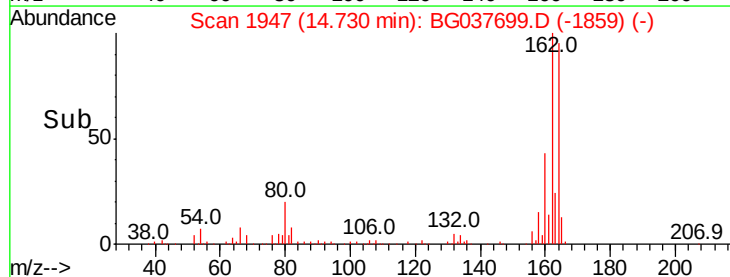
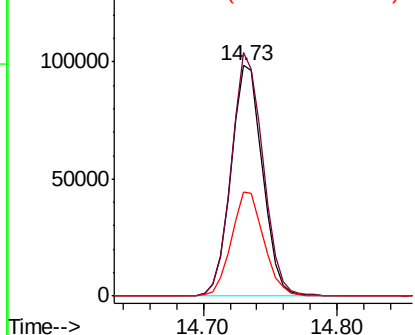


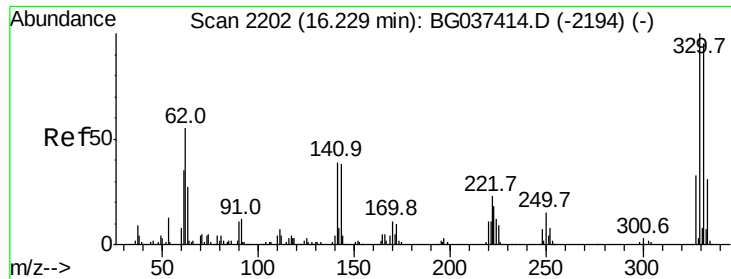
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:164 Resp: 162279
Ion Ratio Lower Upper
164 100
162 105.6 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: 122.299 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Instrument :

BNA_G

ClientSampleId :

PB114346TB

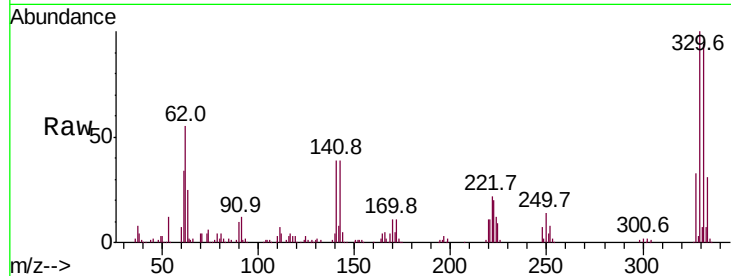
Tot Ion:330 Resp: 216464

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

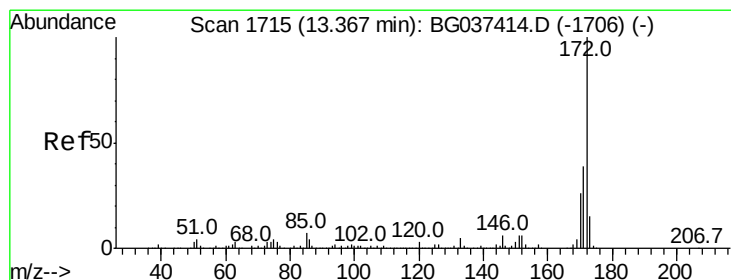
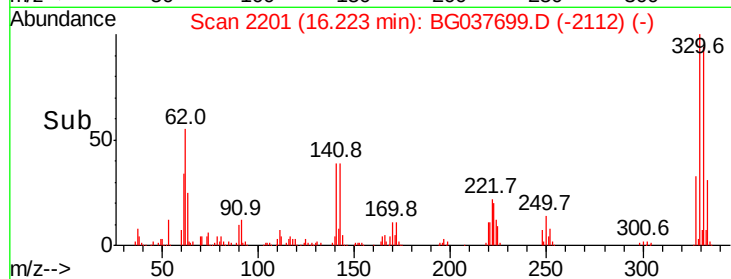
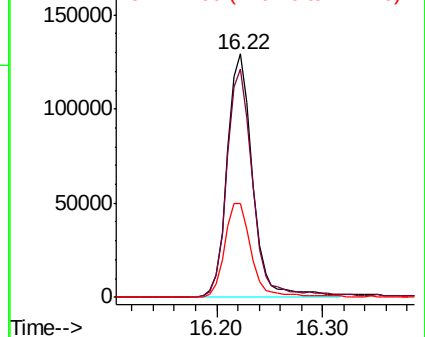
141 40.2 32.2 48.2



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: 91.215 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

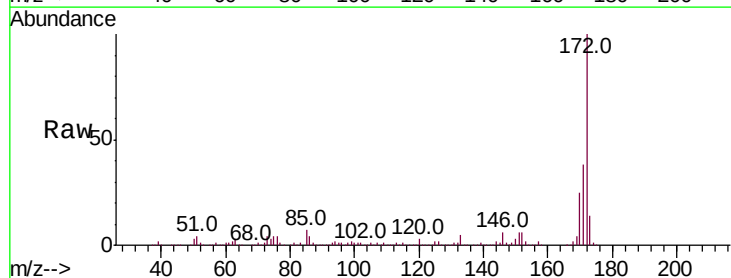
Tgt Ion:172 Resp: 981624

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

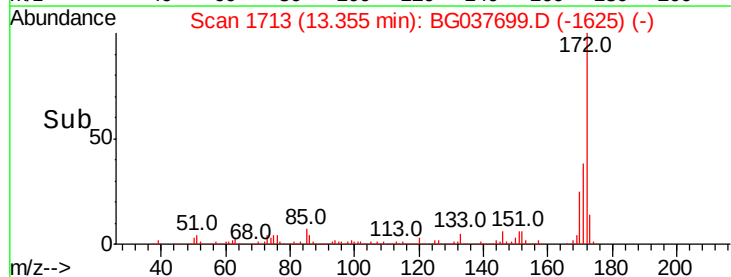
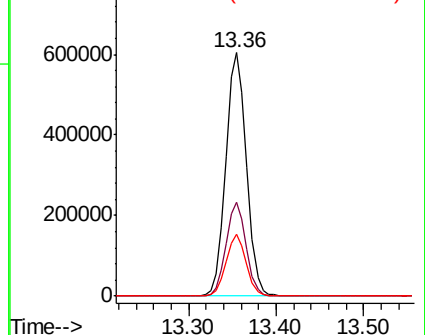
170 25.5 20.2 30.2

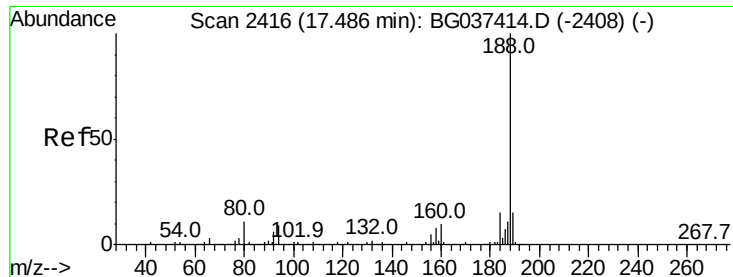


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

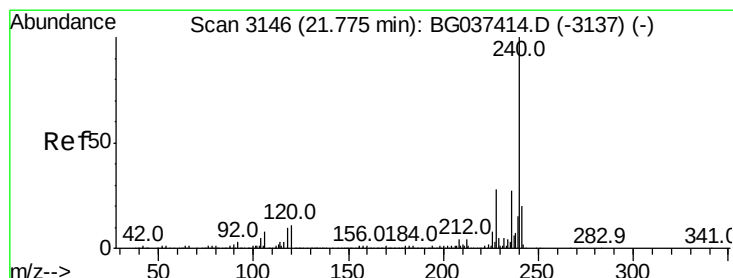
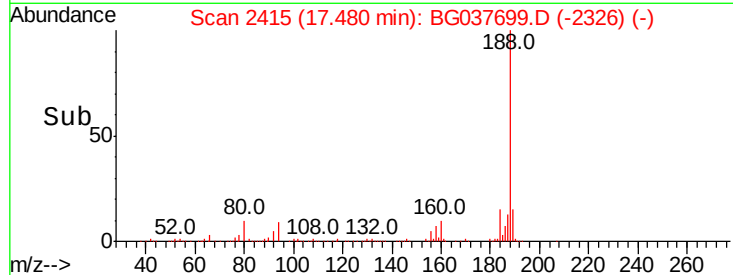
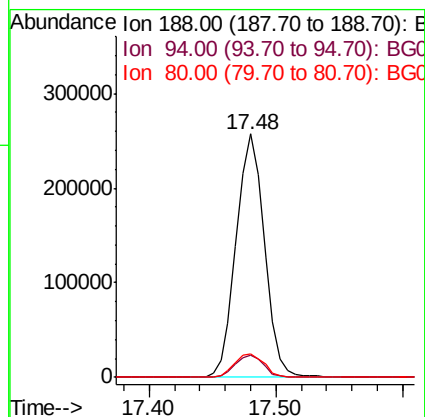
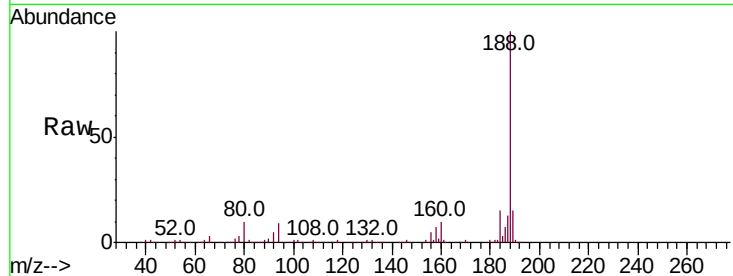




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

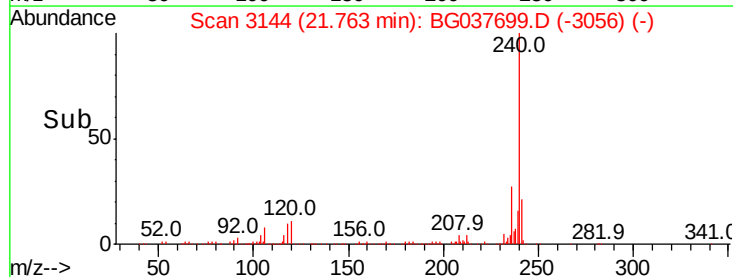
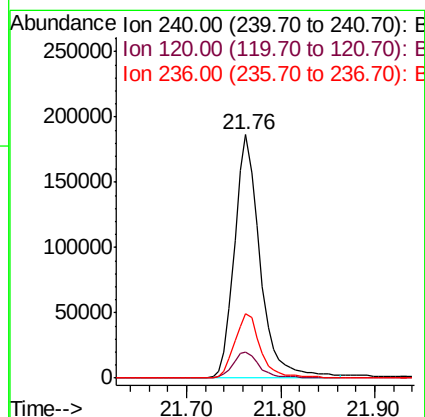
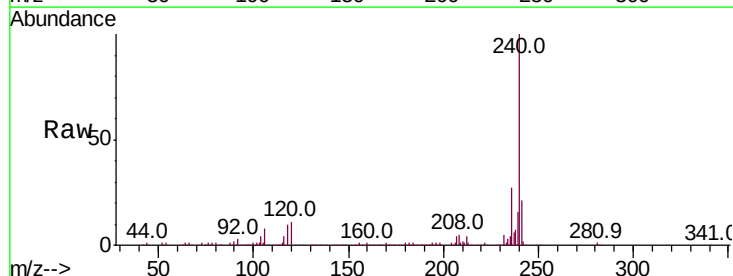
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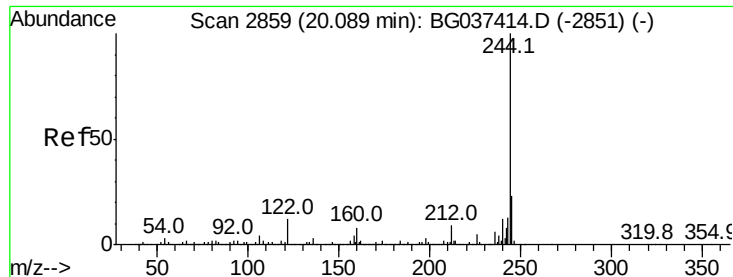
Tot Ion:188 Resp: 397295
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037699.D
Acq: 1 Nov 2018 00:49

Tgt Ion:240 Resp: 354148
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 90.447 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037699.D

Acq: 1 Nov 2018 00:49

Instrument :

BNA_G

ClientSampleId :

PB114346TB

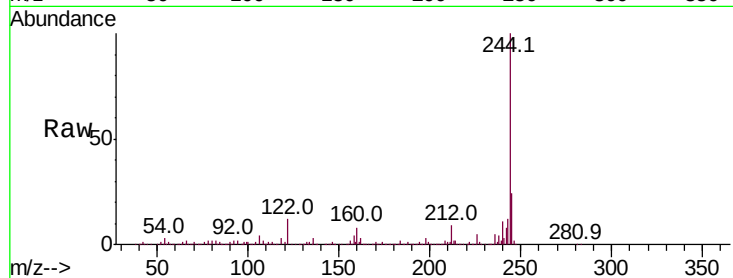
Tot Ion:244 Resp: 1499063

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

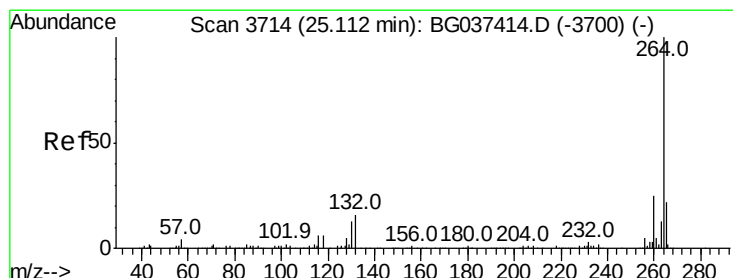
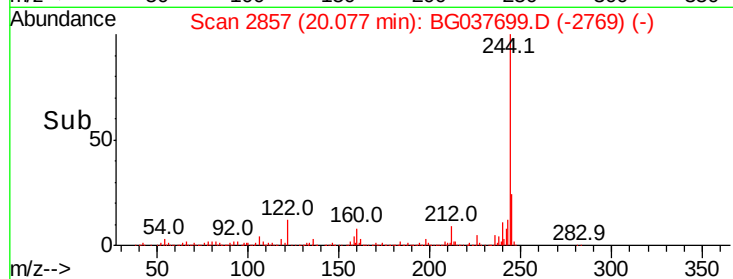
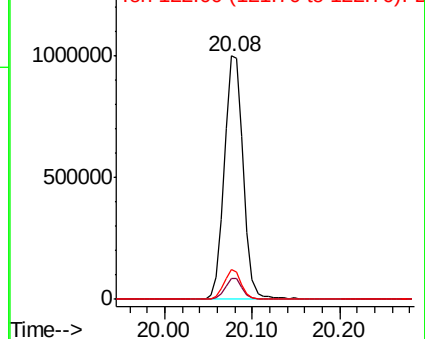
122 12.1 9.0 13.4



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: BG037699.D

Acq: 1 Nov 2018 00:49

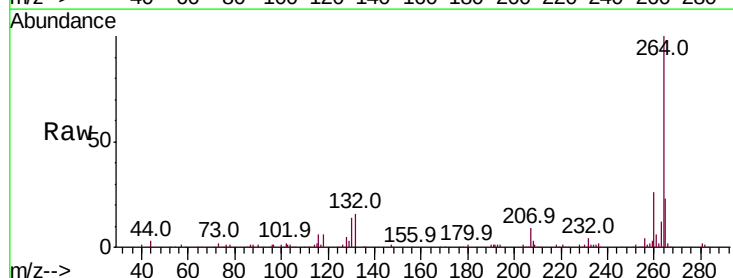
Tgt Ion:264 Resp: 296015

Ion Ratio Lower Upper

264 100

260 26.2 18.2 27.4

265 22.7 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

