

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037859.D
 Acq On : 7 Nov 2018 10:54
 Operator : JU/SJ
 Sample : PB114539BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114539BL

Quant Time: Nov 07 13:07:28 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	8.09	152	55828	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	264065	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	176207	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	396946	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	352386	20.00	ng	-0.02
87) Perylene-d12	25.09	264	276015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	418074	125.20	ng	-0.01
7) Phenol-d6	7.24	99	615625	121.92	ng	-0.01
23) Nitrobenzene-d5	9.27	82	366230	77.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	203849	106.07	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	923619	79.04	ng	-0.02
79) Terphenyl-d14	20.08	244	1324677	80.32	ng	-0.01

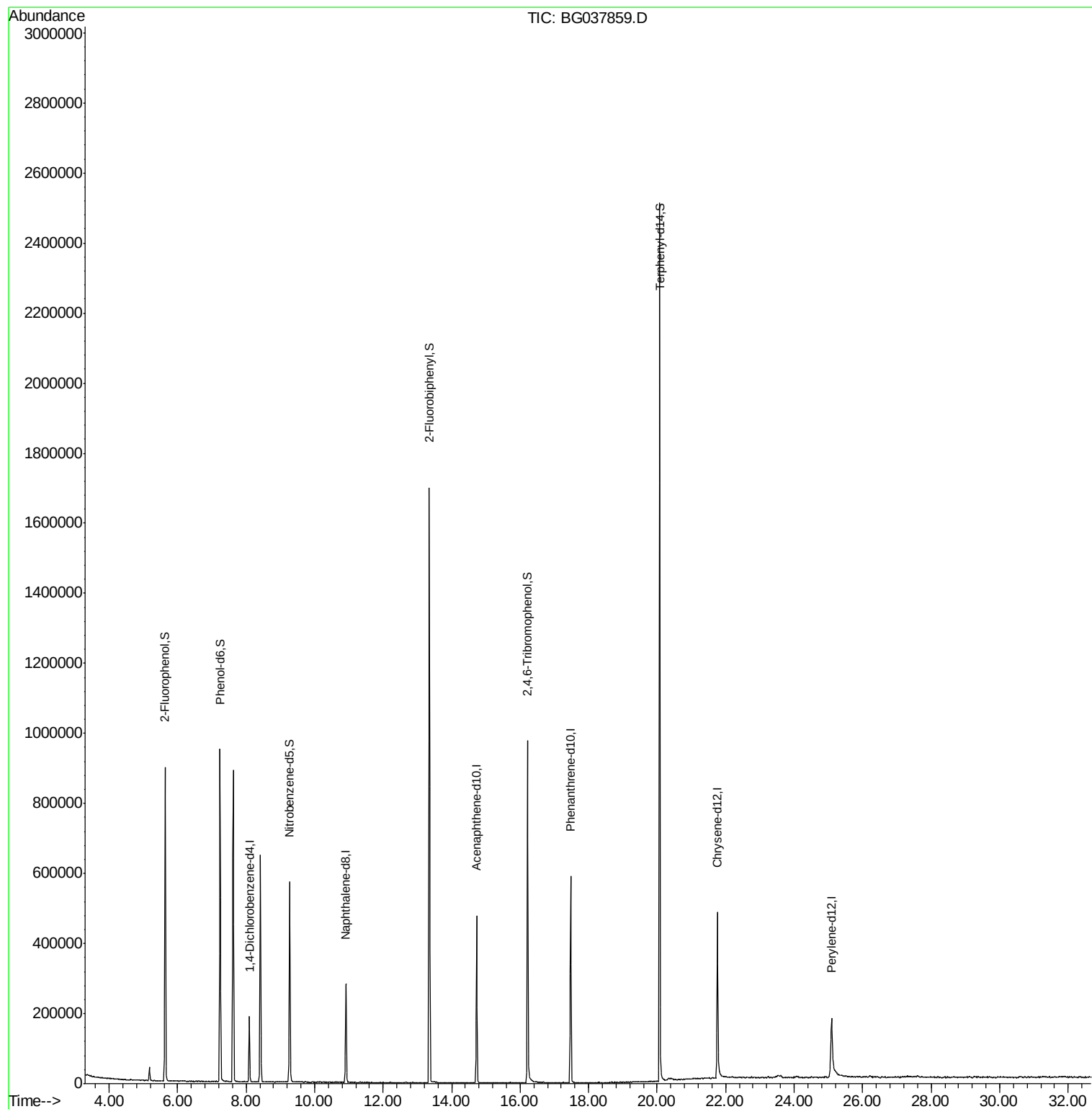
Target Compounds Qvalue

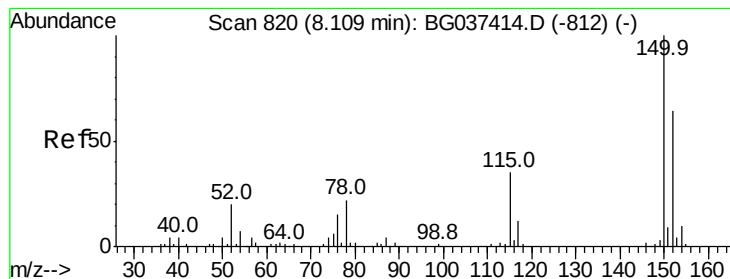
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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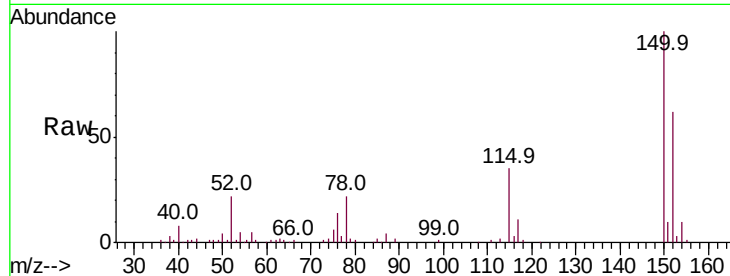


#1

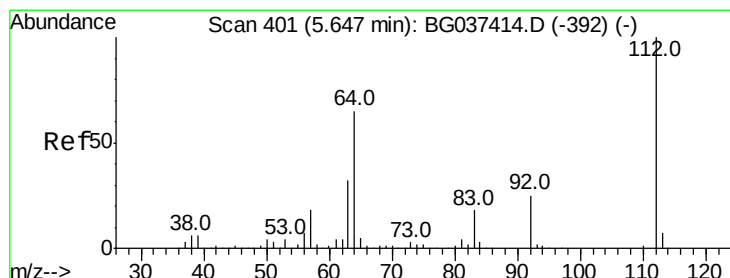
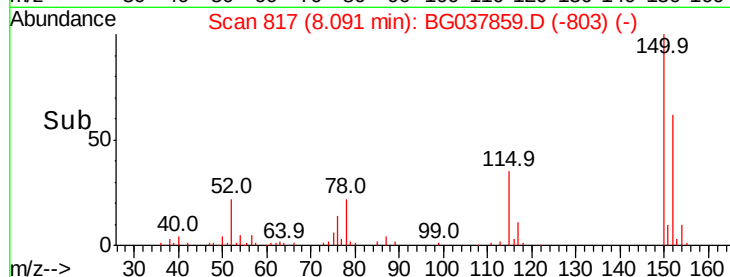
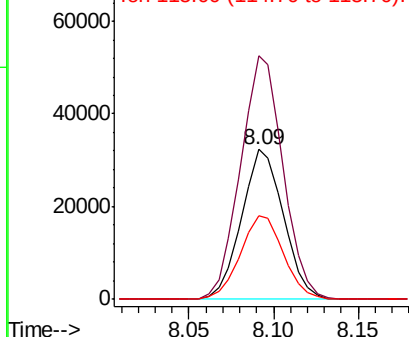
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Instrument :
BNA_G
ClientSampleId :
PB114539BL

Tot Ion:152 Resp: 55828
Ion Ratio Lower Upper
152 100
150 162.5 126.0 189.0
115 56.1 45.5 68.3



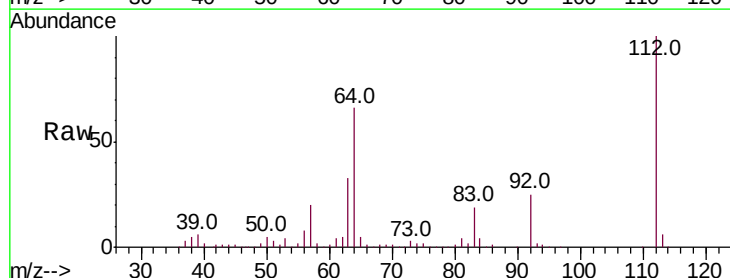
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



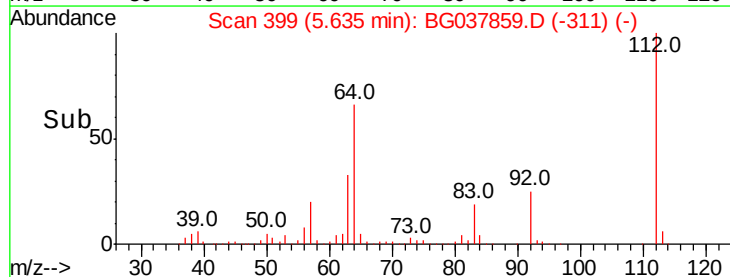
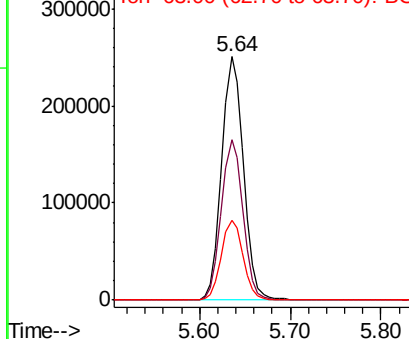
#5

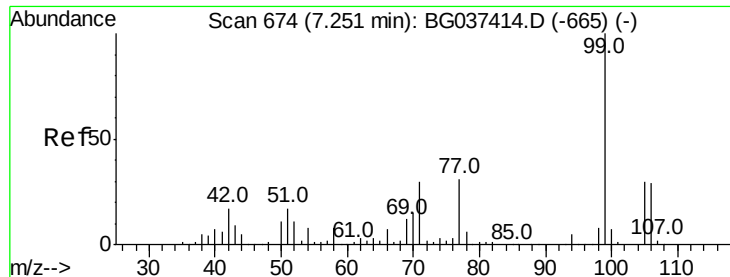
2-Fluorophenol
Concen: 125.199 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037859.D
Acq: 7 Nov 2018 10:54

Tgt Ion:112 Resp: 418074
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 32.6 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: 121.920 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Instrument :

BNA_G

ClientSampleId :

PB114539BL

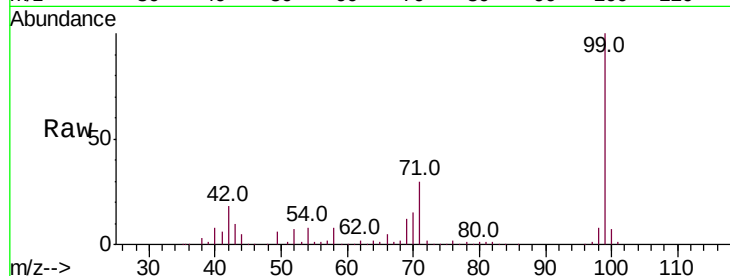
Tot Ion: 99 Resp: 615625

Ion Ratio Lower Upper

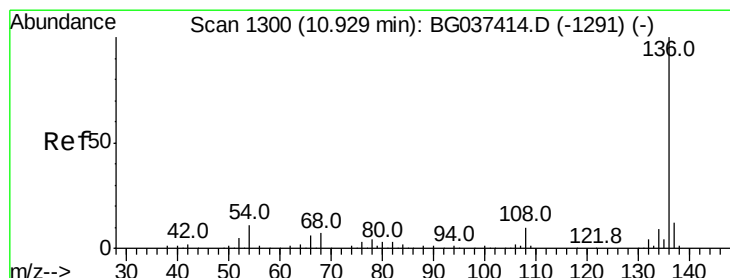
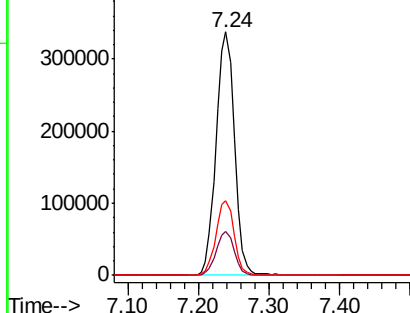
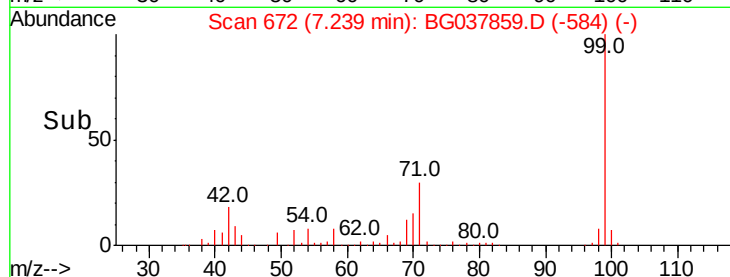
99 100

42 17.9 15.0 22.4

71 30.4 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: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Tgt Ion: 136 Resp: 264065

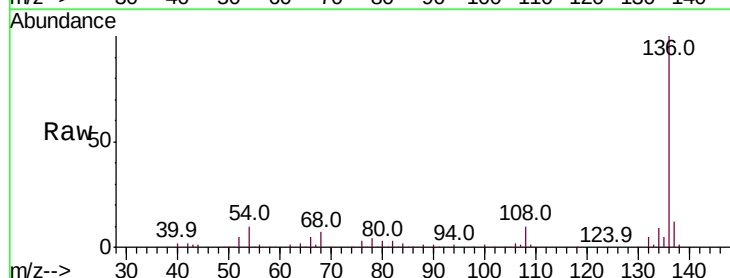
Ion Ratio Lower Upper

136 100

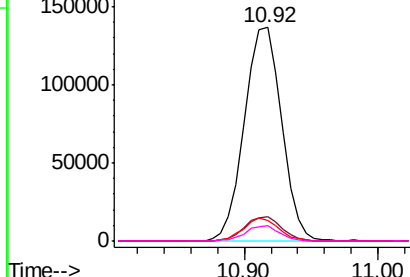
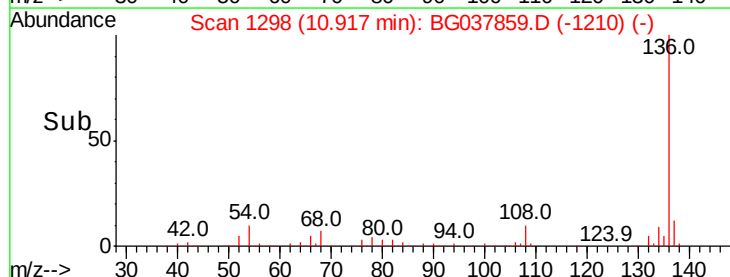
137 11.7 9.6 14.4

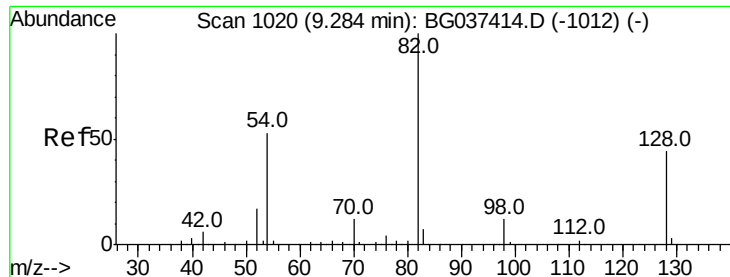
54 9.9 7.9 11.9

68 7.3 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

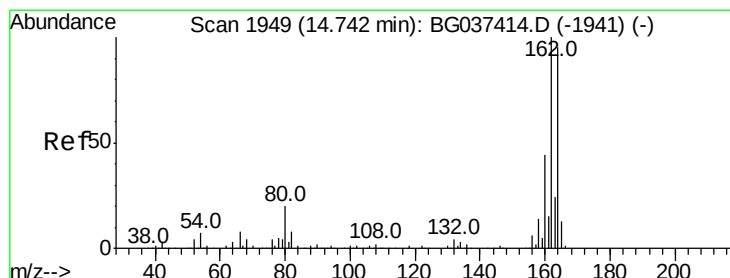
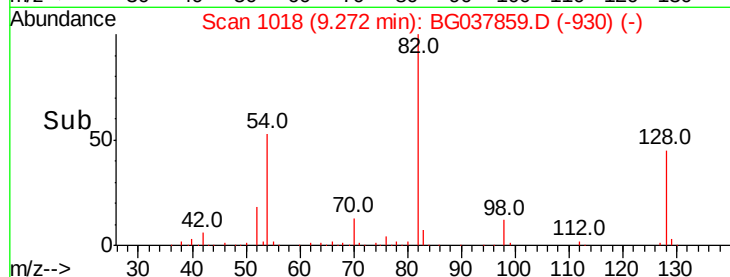
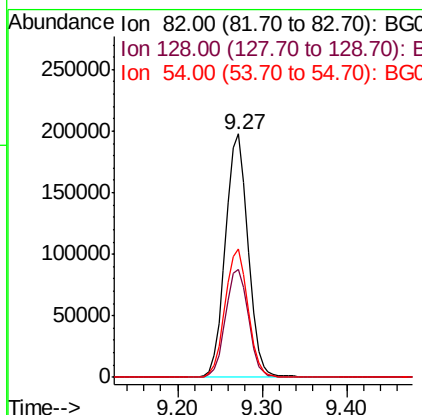
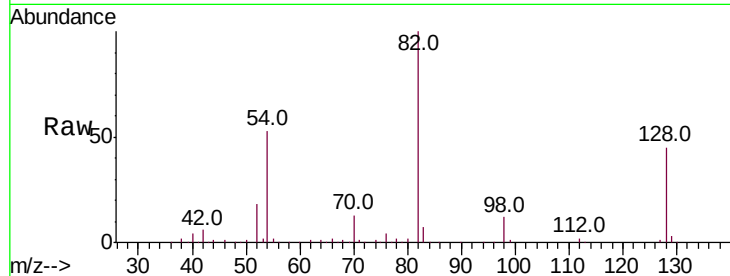




#23
 Nitrobenzene-d5
 Concen: 77.692 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

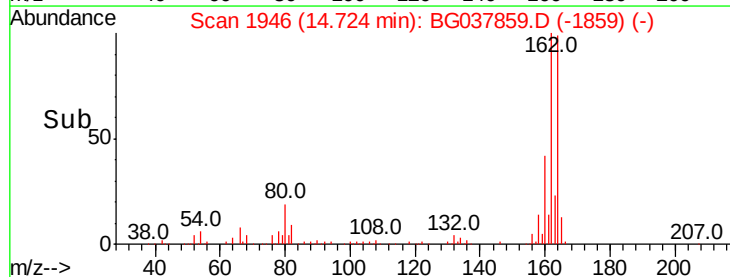
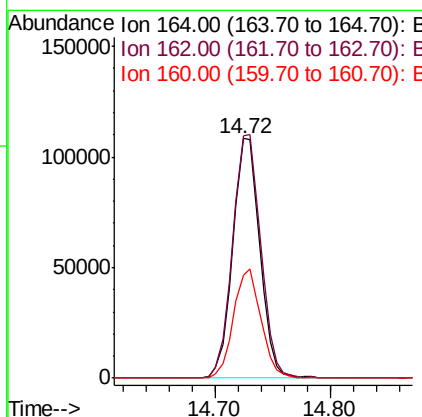
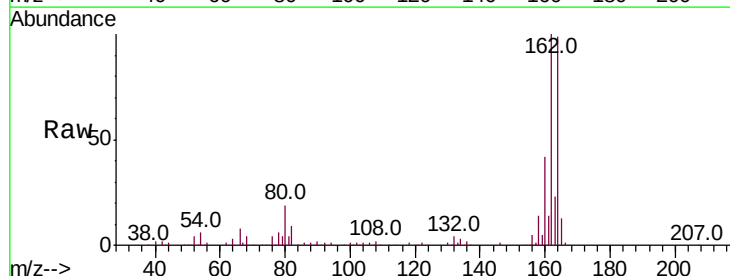
Instrument :
 BNA_G
 ClientSampleId :
 PB114539BL

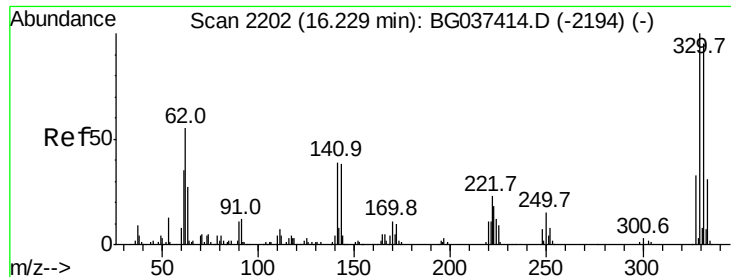
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	52.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037859.D
 Acq: 7 Nov 2018 10:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	42.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 106.068 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Instrument :

BNA_G

ClientSampleId :

PB114539BL

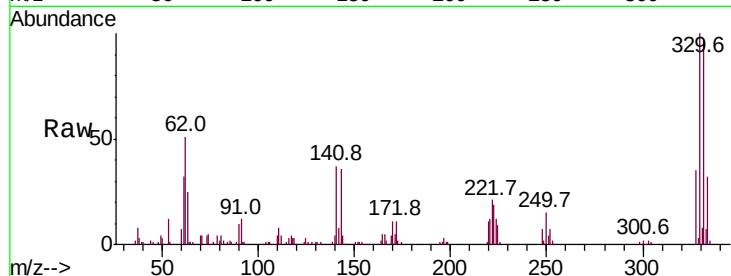
Tot Ion:330 Resp: 203849

Ion Ratio Lower Upper

330 100

332 93.0 78.4 117.6

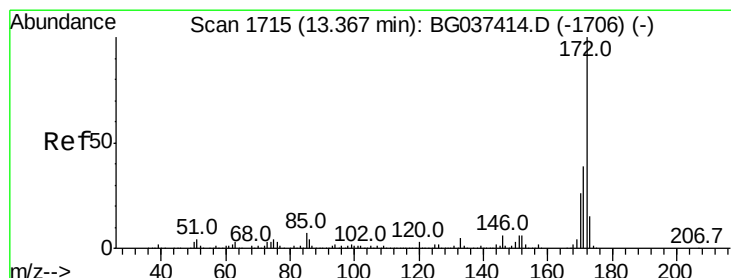
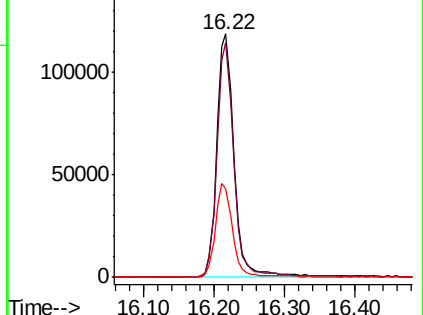
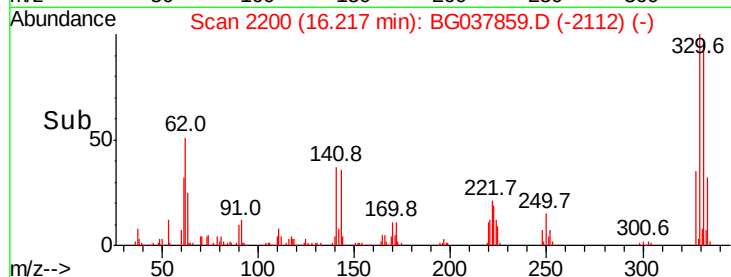
141 37.9 32.2 48.2



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: 79.041 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

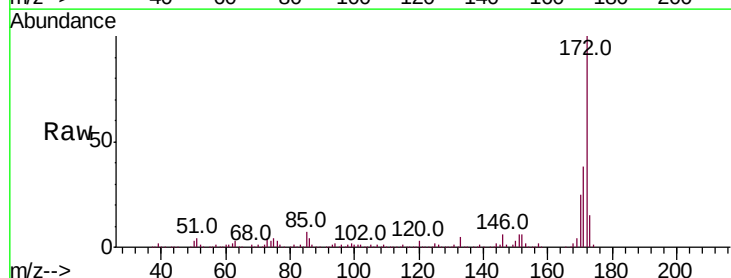
Tgt Ion:172 Resp: 923619

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

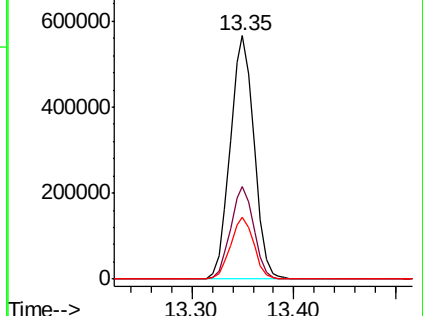
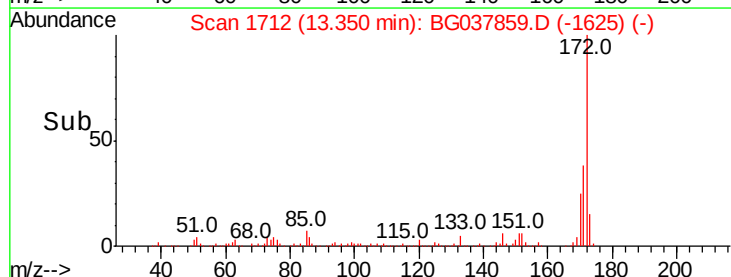
170 25.5 20.2 30.2

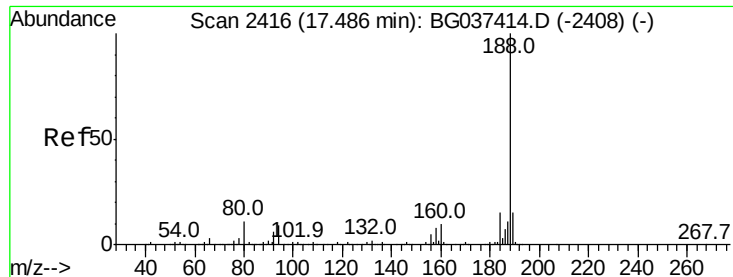


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Instrument :

BNA_G

ClientSampleId :

PB114539BL

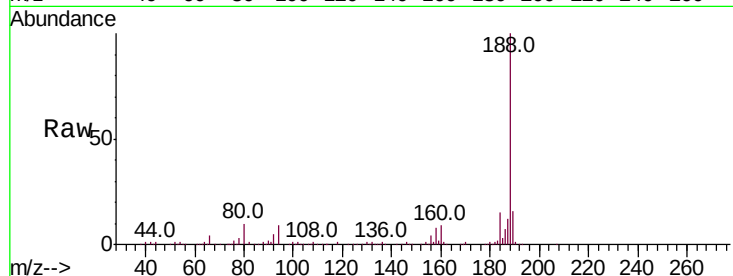
Tot Ion:188 Resp: 396946

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

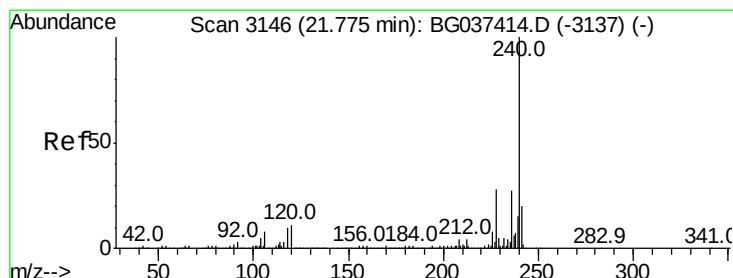
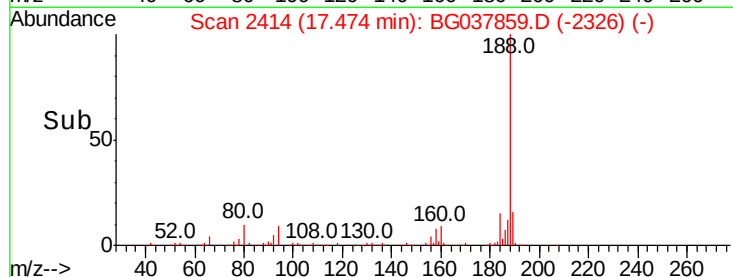
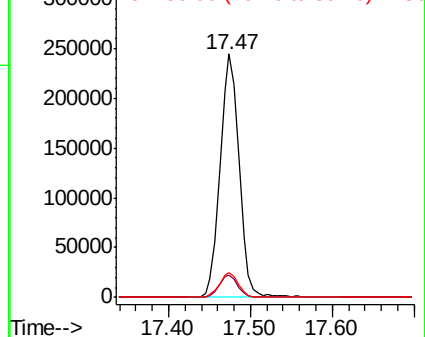
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

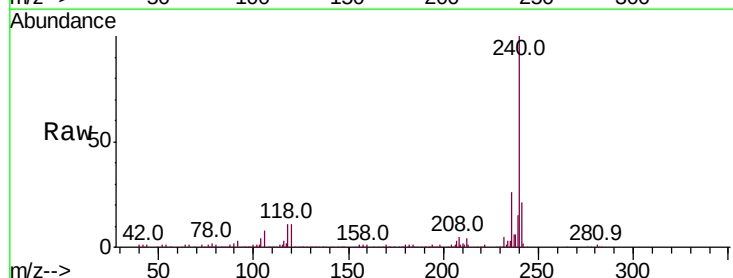
Tgt Ion:240 Resp: 352386

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

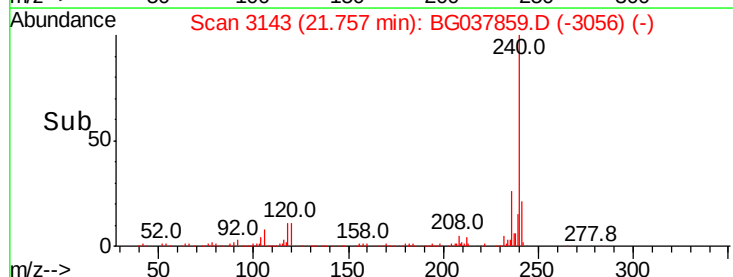
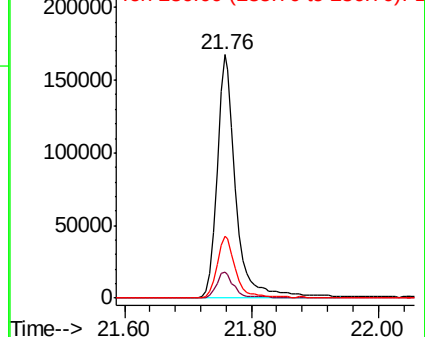
236 25.5 21.4 32.0

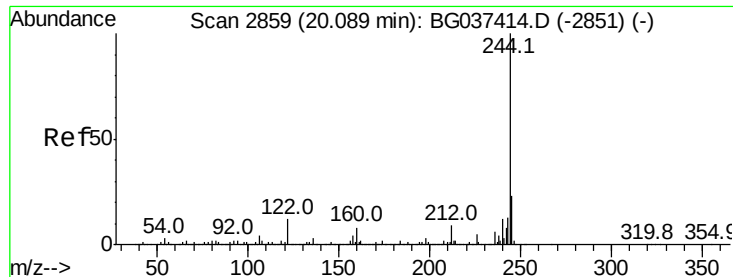


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.325 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

Instrument :

BNA_G

ClientSampleId :

PB114539BL

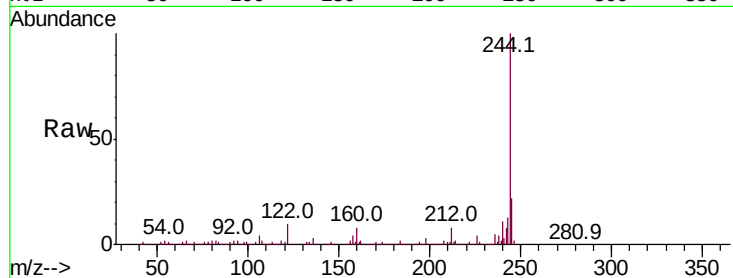
Tot Ion:244 Resp: 1324677

Ion Ratio Lower Upper

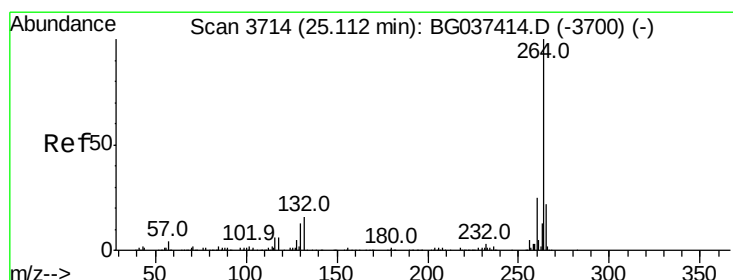
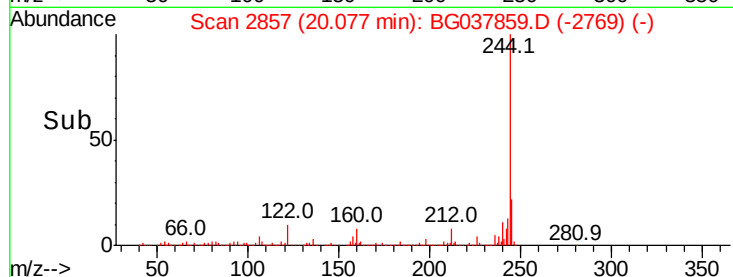
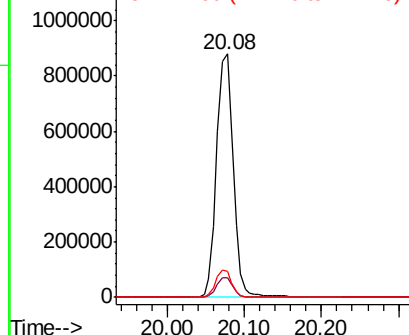
244 100

212 7.8 6.5 9.7

122 10.4 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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037859.D

Acq: 7 Nov 2018 10:54

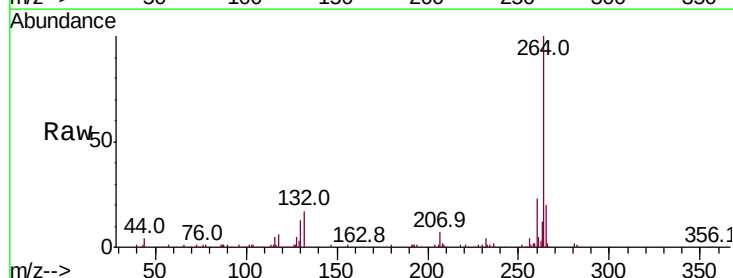
Tgt Ion:264 Resp: 276015

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 20.3 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

