

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037959.D
 Acq On : 13 Nov 2018 00:42
 Operator : JU/SJ
 Sample : PB114721BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114721BL

Quant Time: Nov 13 06:26:45 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	48805	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	218633	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	143939	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	313857	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	274115	20.00	ng	-0.02
87) Perylene-d12	25.09	264	192160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	367973	126.05	ng	-0.02
7) Phenol-d6	7.24	99	535645	121.35	ng	-0.02
23) Nitrobenzene-d5	9.27	82	324067	83.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	163647	104.24	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	805660	84.40	ng	-0.02
79) Terphenyl-d14	20.07	244	1136068	88.56	ng	-0.02

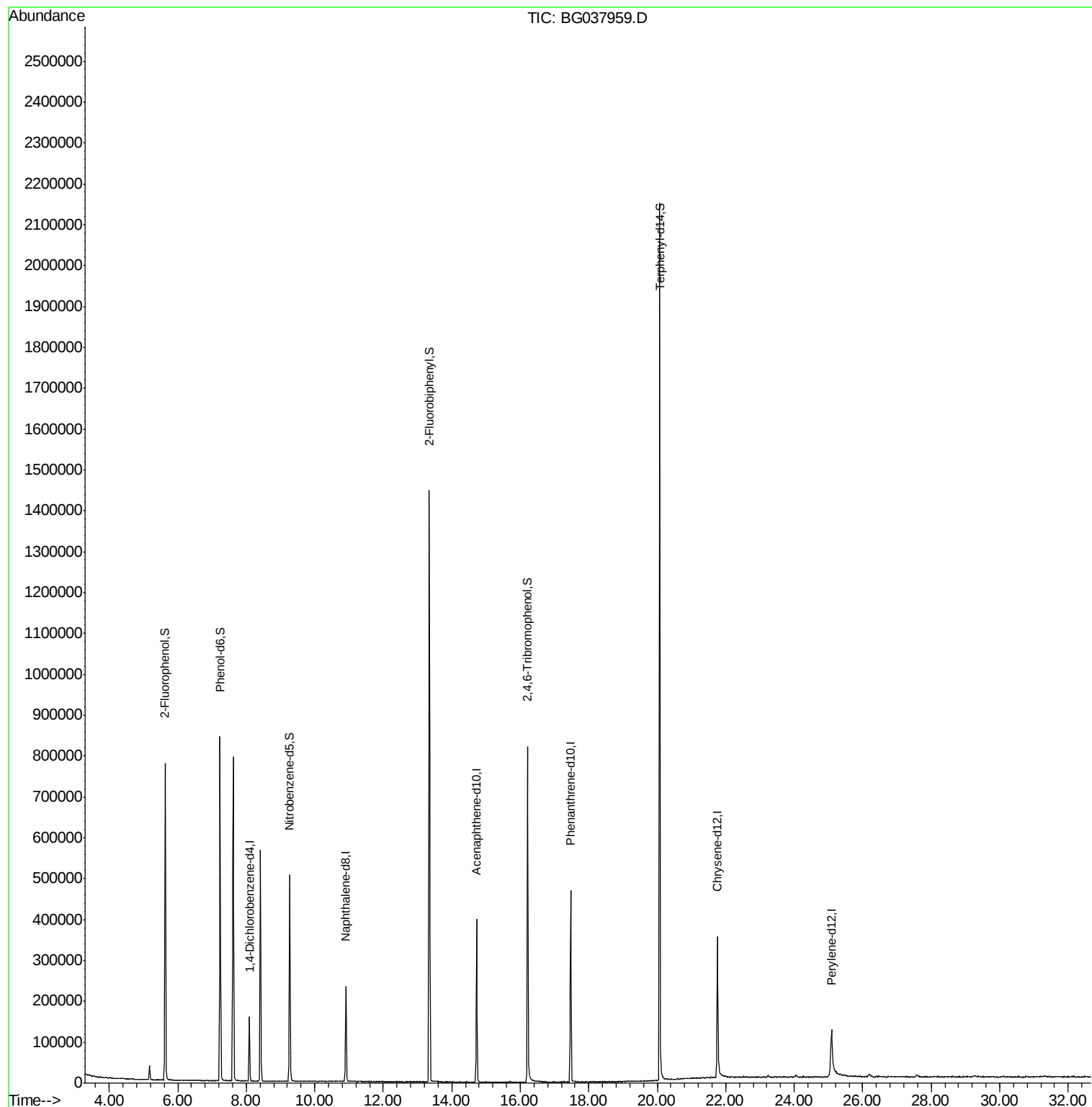
Target Compounds Qvalue

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

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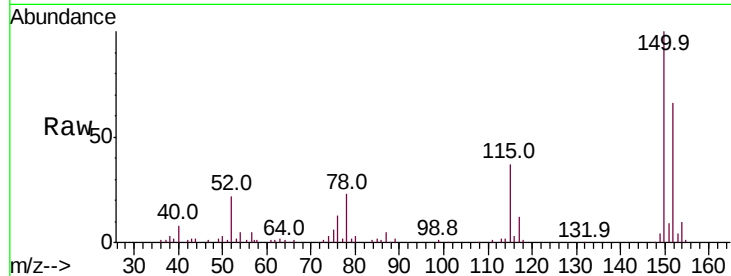


#1

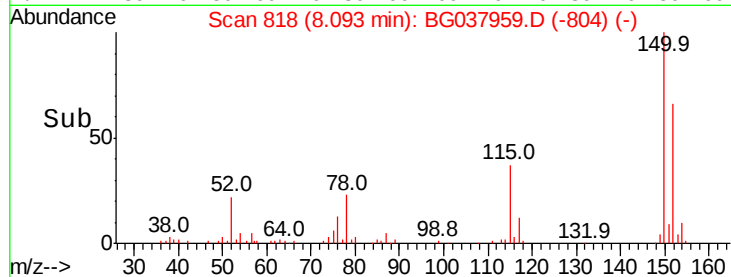
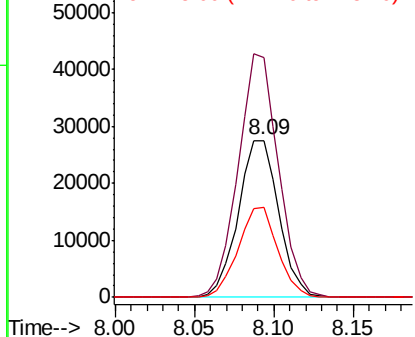
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Instrument :
BNA_G
ClientSampleId :
PB114721BL

Tot Ion:152 Resp: 48805
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 57.0 45.5 68.3



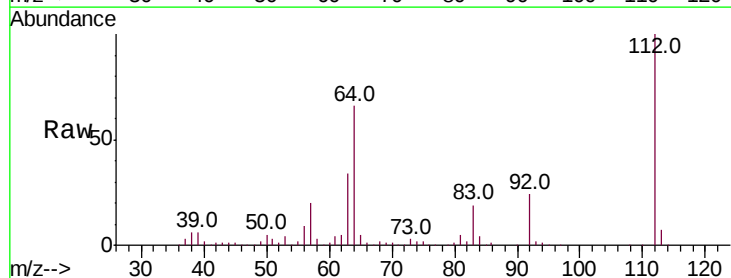
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



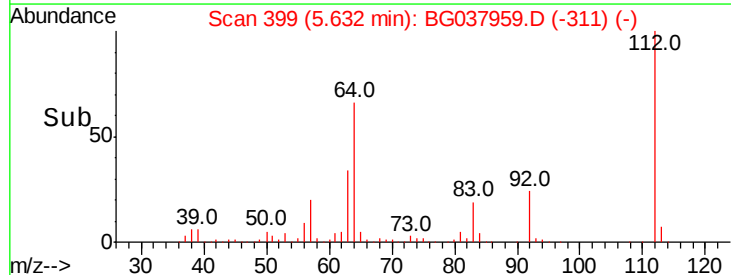
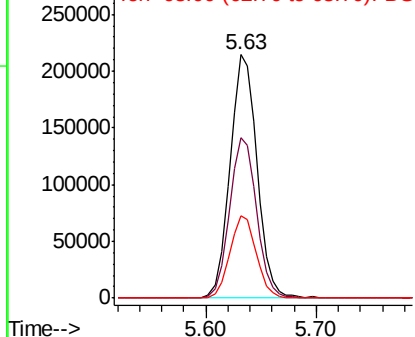
#5

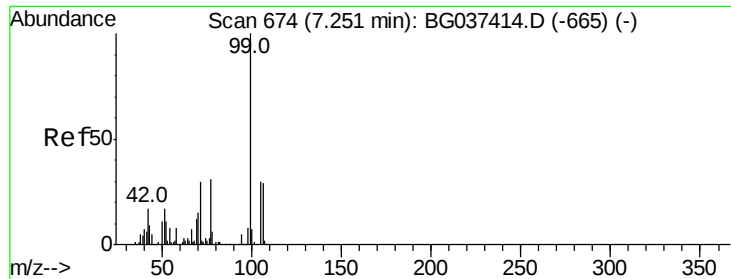
2-Fluorophenol
Concen: 126.052 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Tgt Ion:112 Resp: 367973
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 33.8 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: 121.345 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Instrument :

BNA_G

ClientSampleId :

PB114721BL

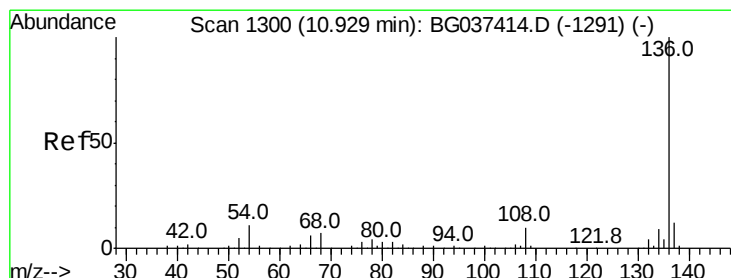
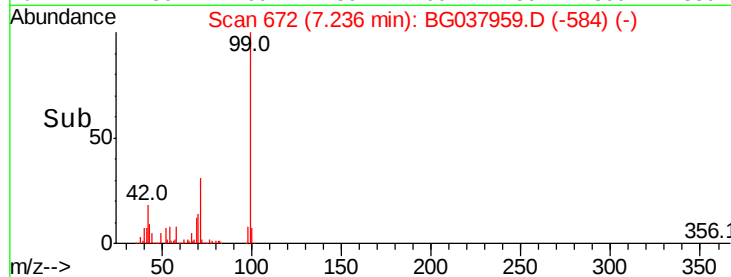
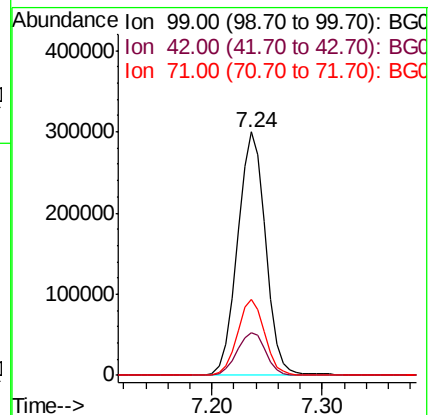
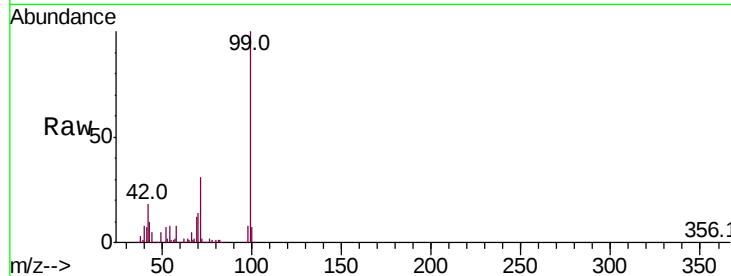
Tot Ion: 99 Resp: 535645

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 31.4 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Tgt Ion: 136 Resp: 218633

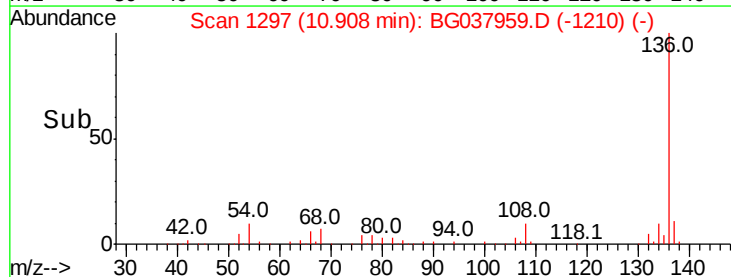
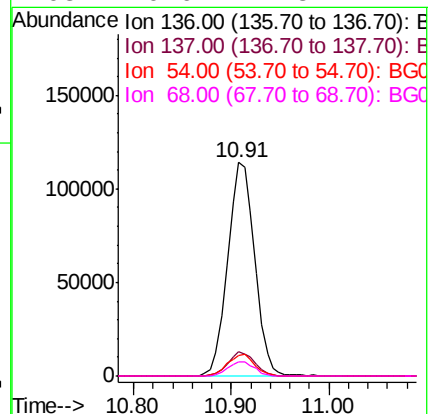
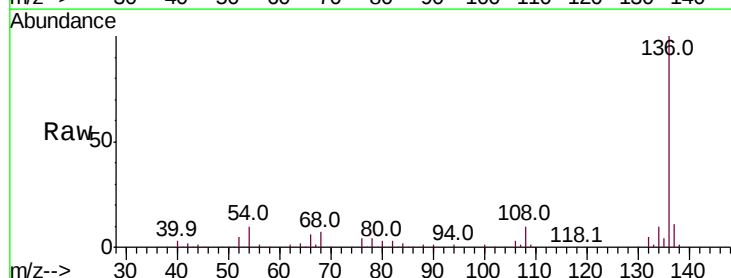
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.9 7.9 11.9

68 6.6 4.8 7.2

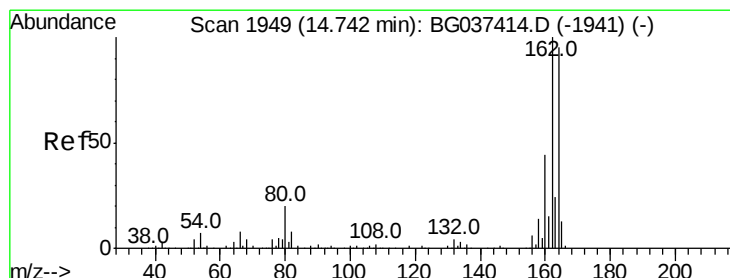
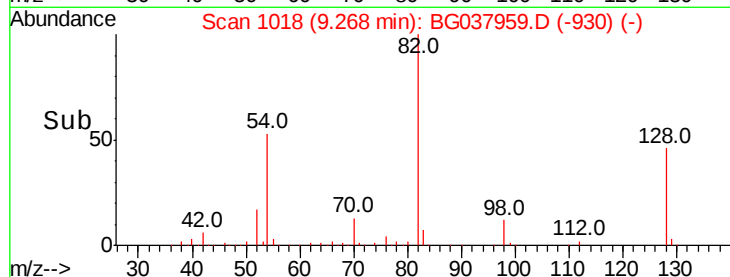
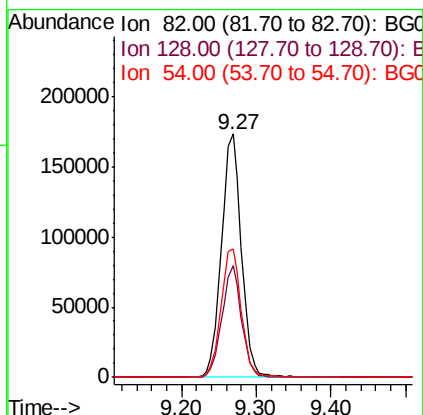
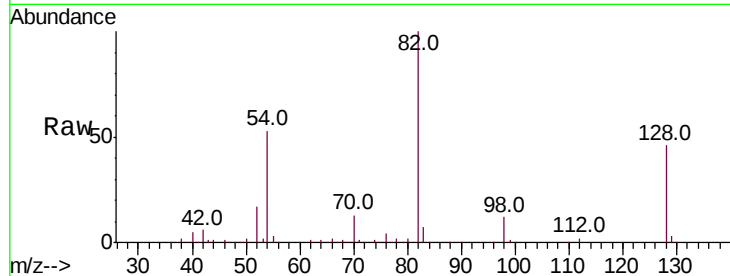




#23
Nitrobenzene-d5
Concen: 83.034 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

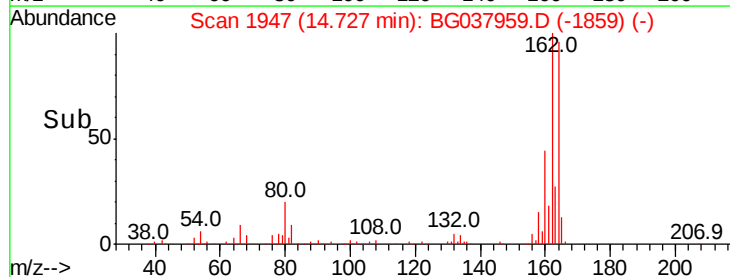
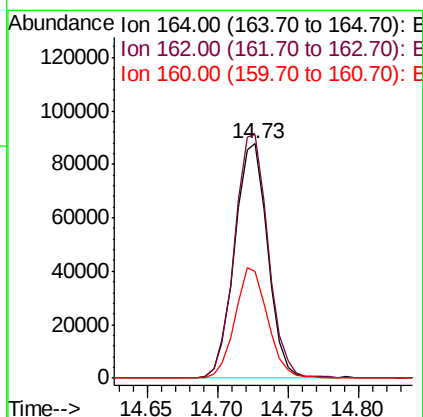
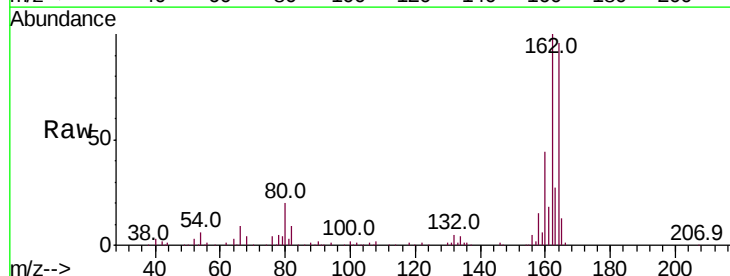
Instrument :
BNA_G
ClientSampleId :
PB114721BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	52.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037959.D
Acq: 13 Nov 2018 00:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	45.6	36.3	54.5

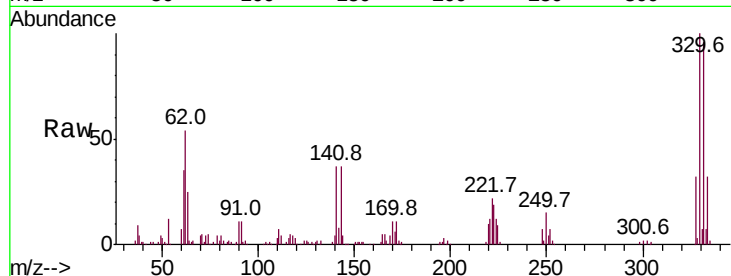




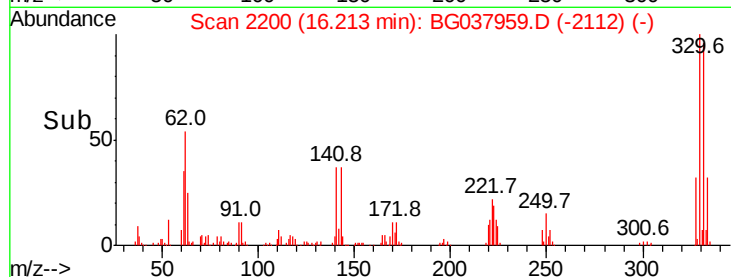
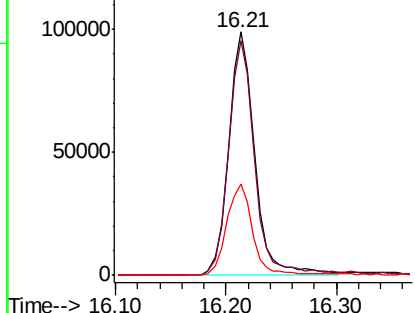
#42
 2,4,6-Tribromophenol
 Concen: 104.239 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 PB114721BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	38.3	32.2	48.2

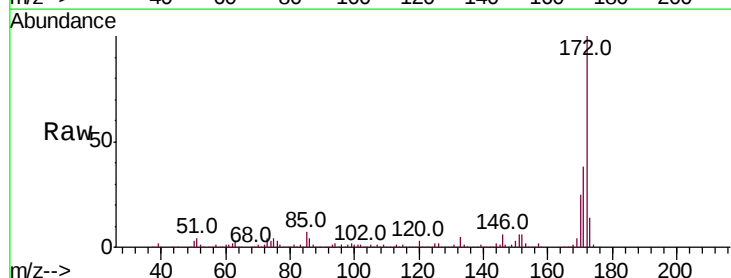


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

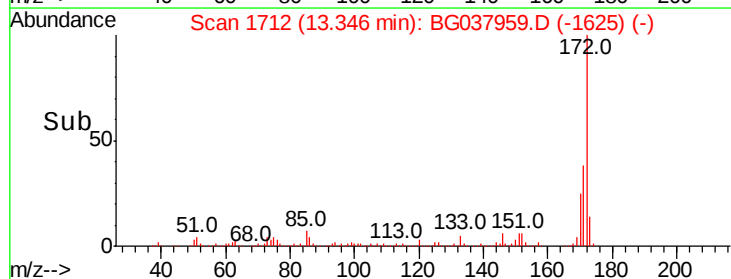
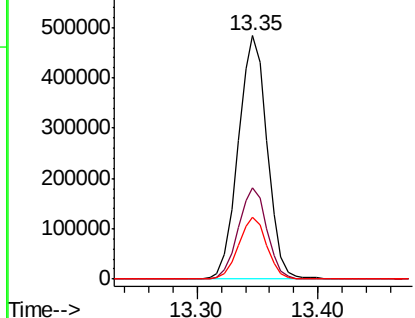


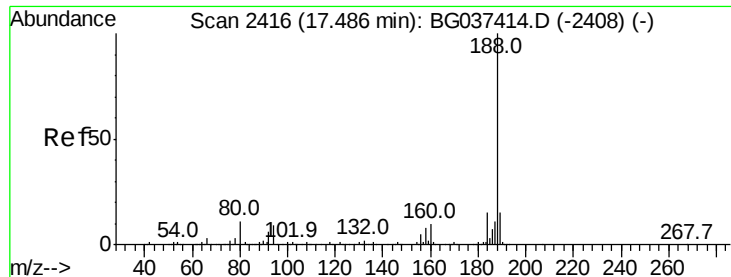
#45
 2-Fluorobiphenyl
 Concen: 84.403 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037959.D
 Acq: 13 Nov 2018 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Instrument :

BNA_G

ClientSampleId :

PB114721BL

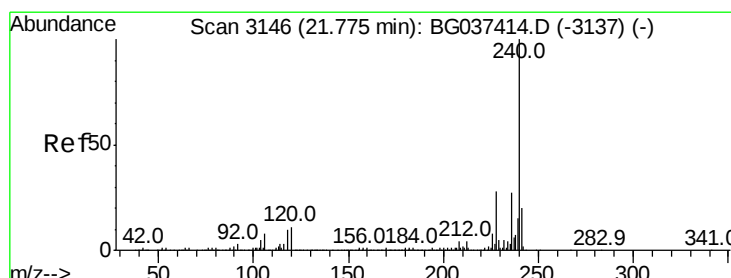
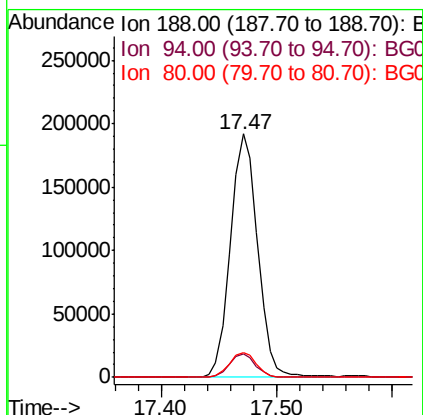
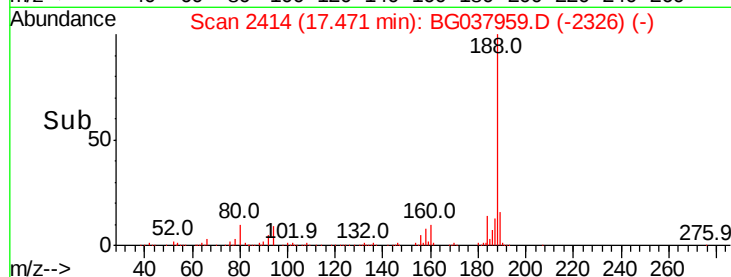
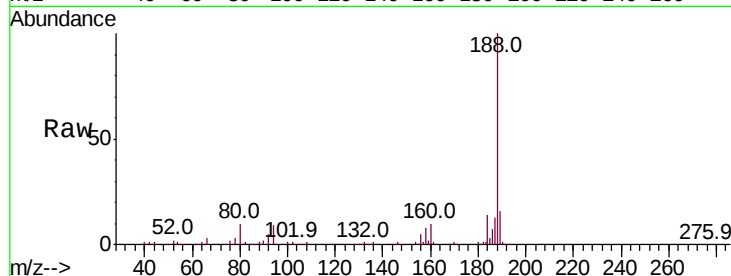
Tot Ion:188 Resp: 313857

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.1 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

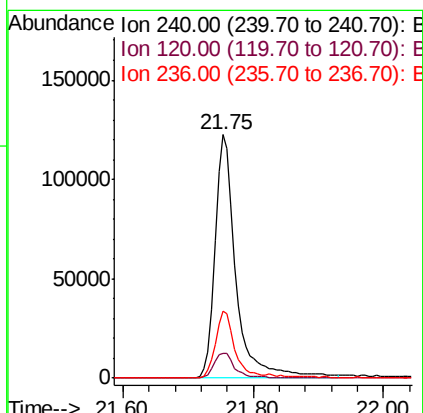
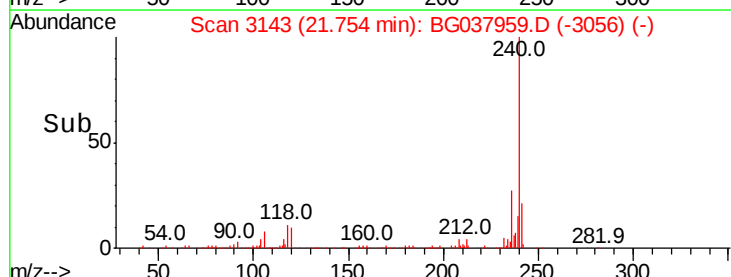
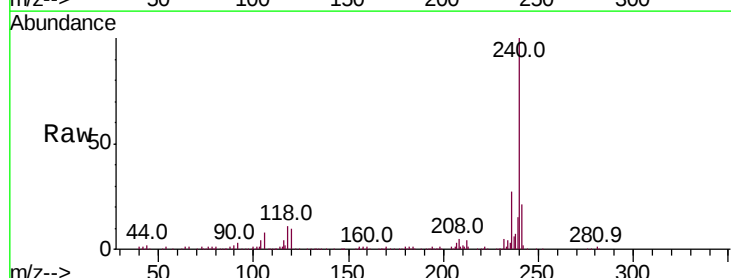
Tgt Ion:240 Resp: 274115

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 88.558 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Instrument :

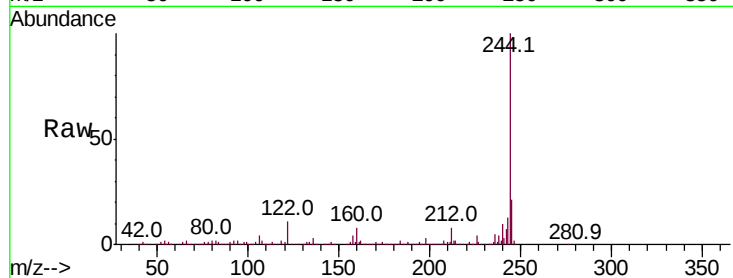
BNA_G

ClientSampleId :

PB114721BL

Tot Ion:244 Resp: 1136068

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.9	9.0	13.4

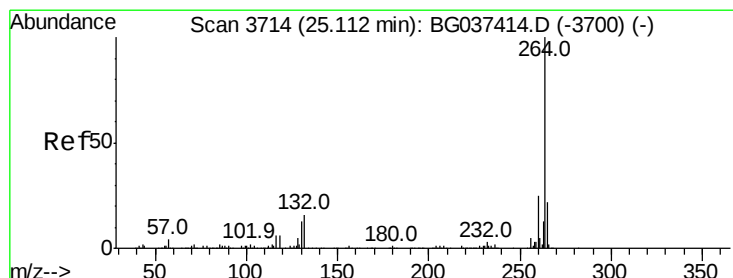
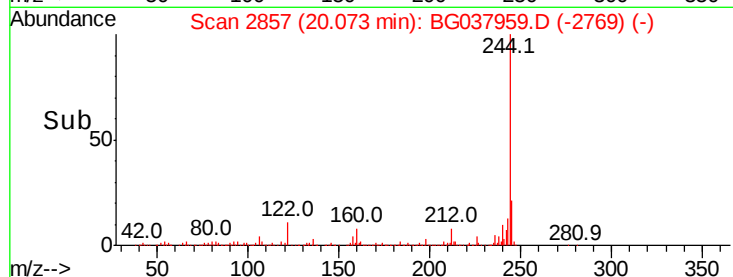
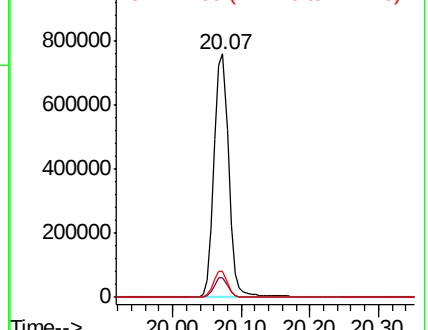


Abundance

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: 25.09 min Scan# 3710

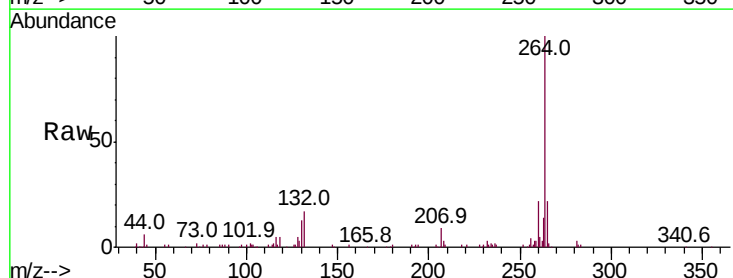
Delta R.T. -0.03 min

Lab File: BG037959.D

Acq: 13 Nov 2018 00:42

Tgt Ion:264 Resp: 192160

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.6	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

