

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037793.D
 Acq On : 3 Nov 2018 16:15
 Operator : JU/SJ
 Sample : PB114415BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Quant Time: Nov 05 05:32:03 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	59958	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	269516	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178190	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	389995	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343978	20.00	ng	-0.02
87) Perylene-d12	25.10	264	278200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	445039	124.09	ng	0.00
7) Phenol-d6	7.24	99	646202	119.16	ng	0.00
23) Nitrobenzene-d5	9.27	82	383032	79.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189056	97.28	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	975743	82.57	ng	-0.02
79) Terphenyl-d14	20.08	244	1354199	84.12	ng	0.00

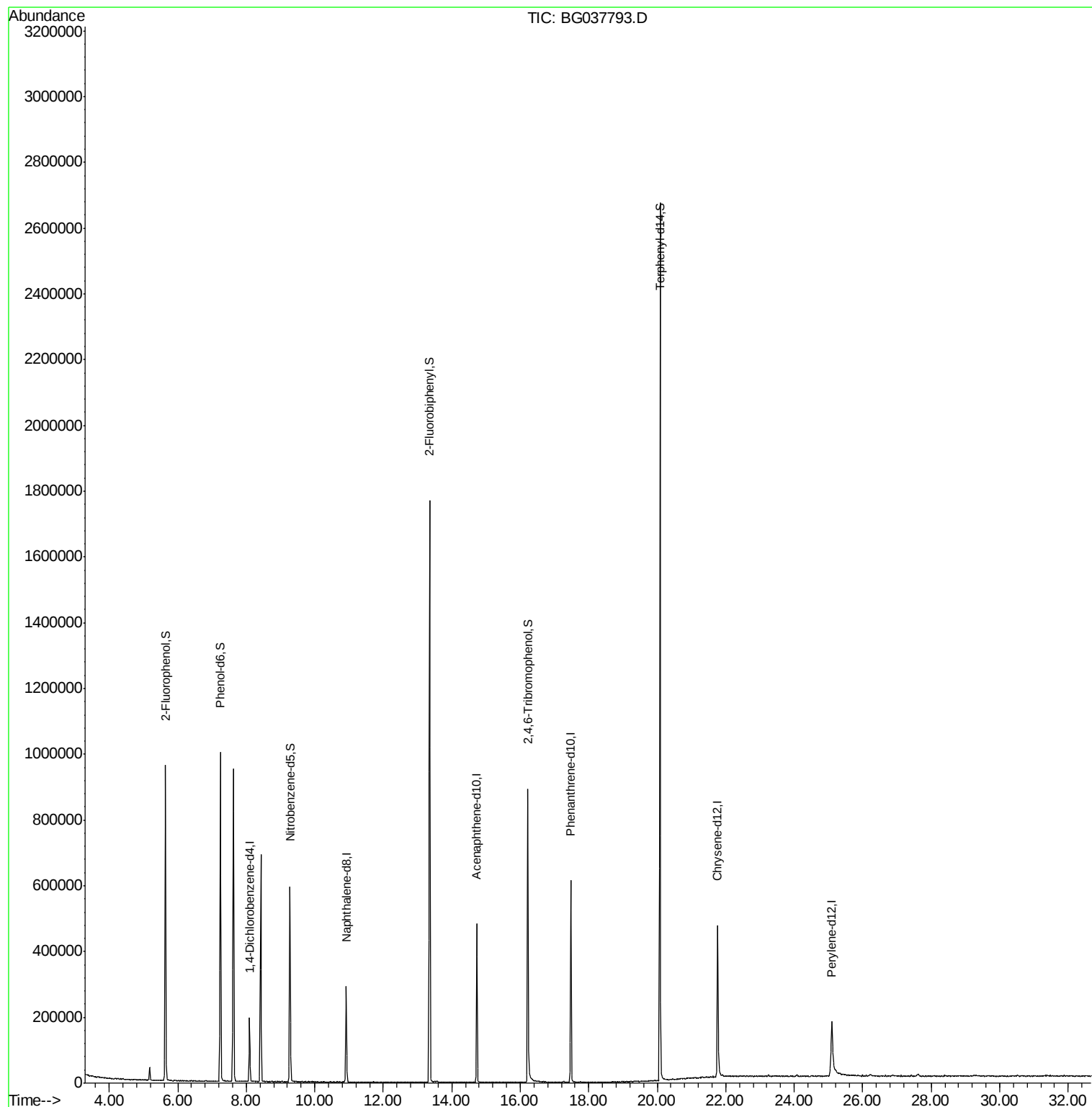
Target Compounds Qvalue

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

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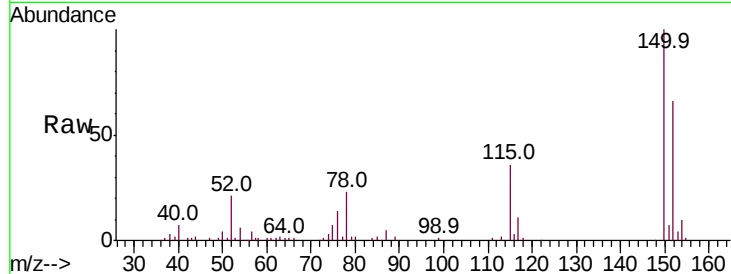


#1

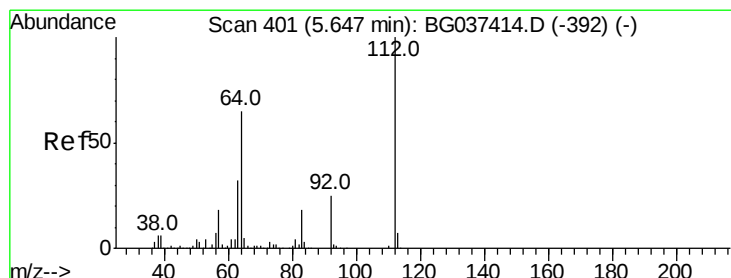
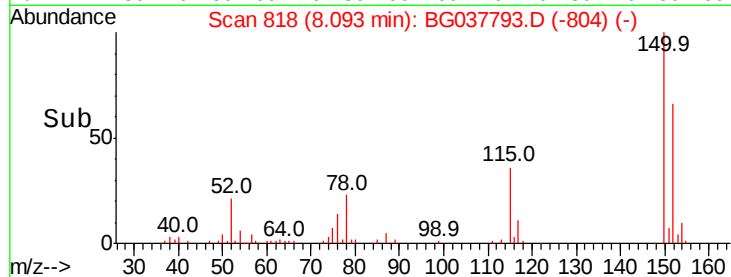
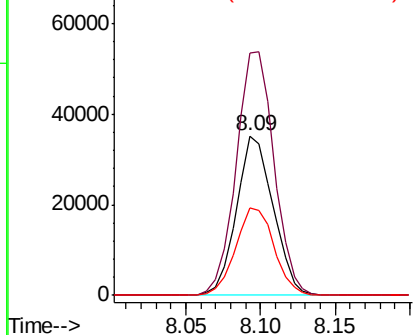
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tot Ion:152 Resp: 59958
Ion Ratio Lower Upper
152 100
150 152.1 126.0 189.0
115 54.7 45.5 68.3



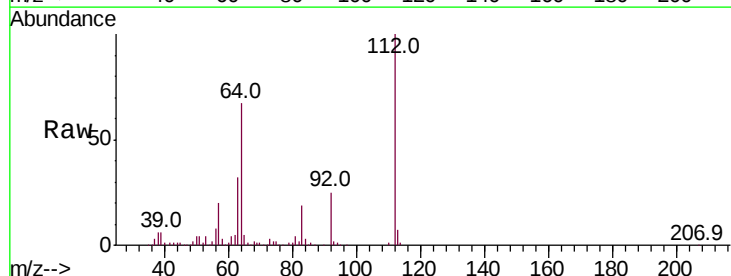
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



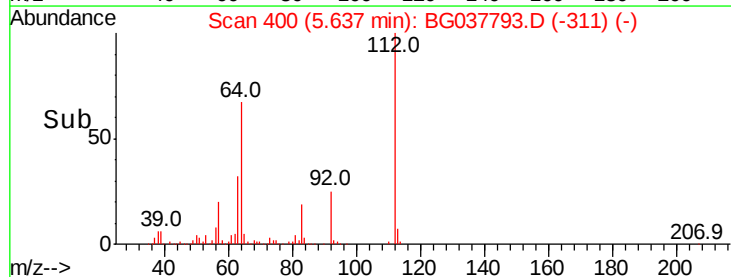
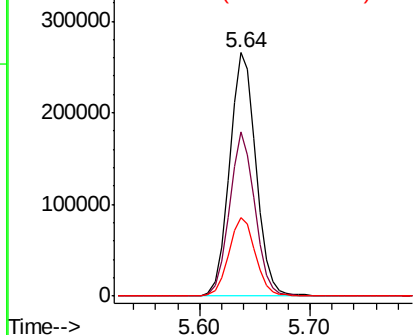
#5

2-Fluorophenol
Concen: 124.094 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Tgt Ion:112 Resp: 445039
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 32.3 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: 119.160 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

BNA_G

ClientSampleId :

PB114415BL

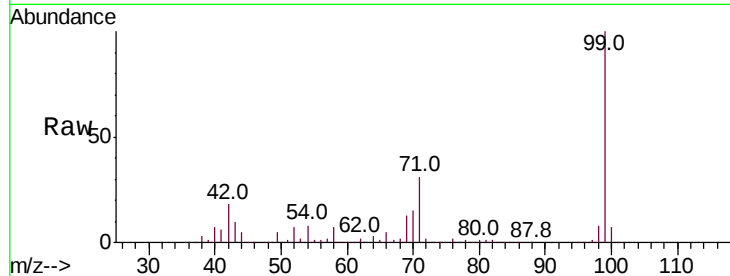
Tot Ion: 99 Resp: 646202

Ion Ratio Lower Upper

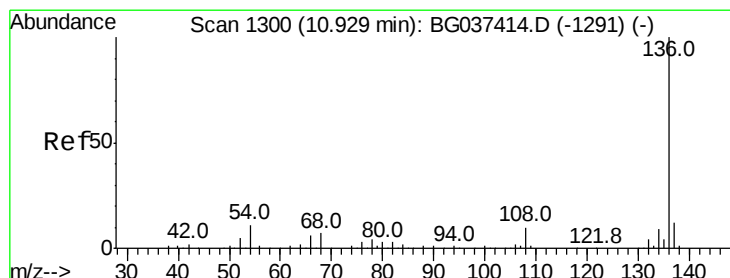
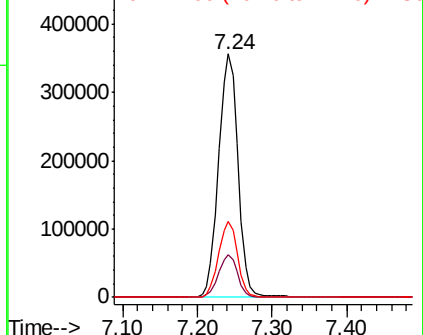
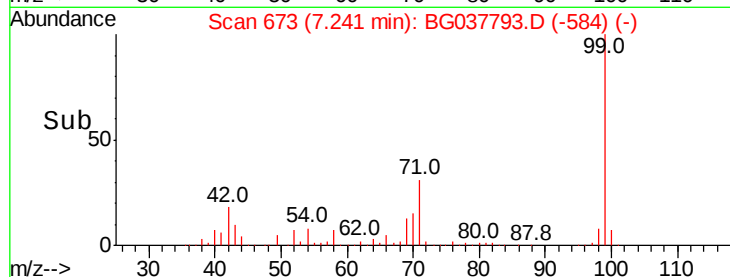
99 100

42 17.6 15.0 22.4

71 31.1 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# 1299

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Tgt Ion:136 Resp: 269516

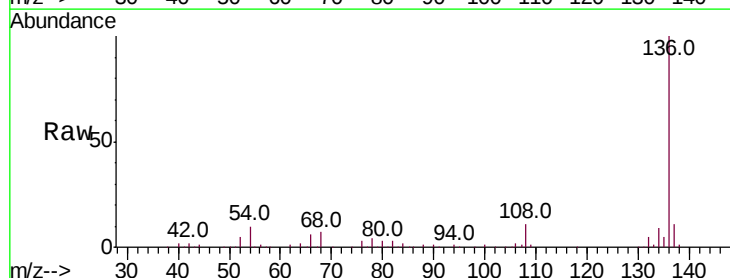
Ion Ratio Lower Upper

136 100

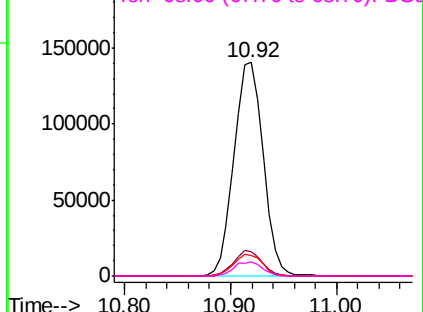
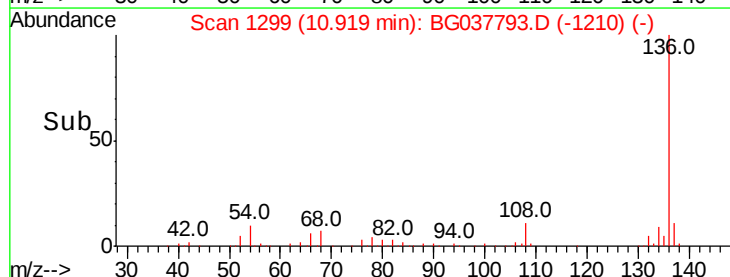
137 11.1 9.6 14.4

54 9.7 7.9 11.9

68 6.8 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

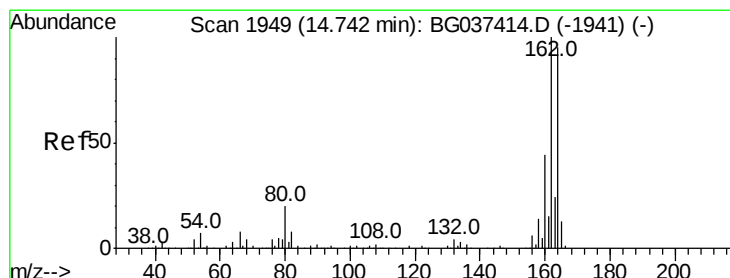
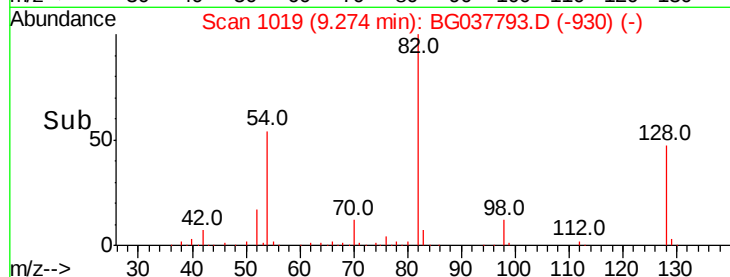
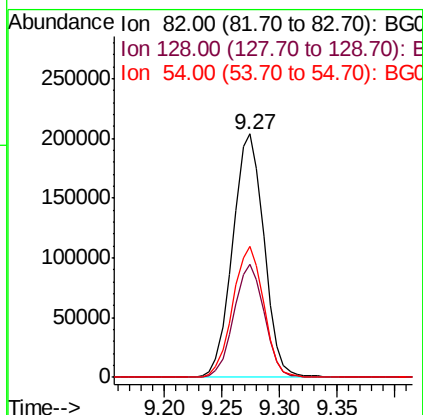
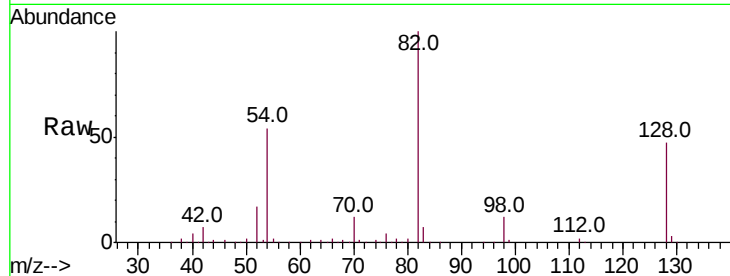




#23
Nitrobenzene-d5
Concen: 79.613 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

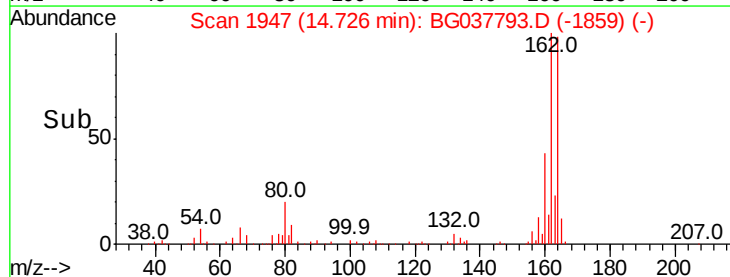
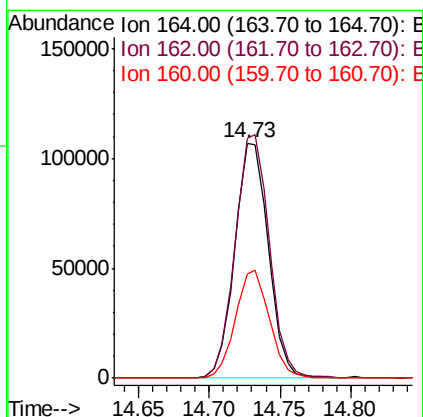
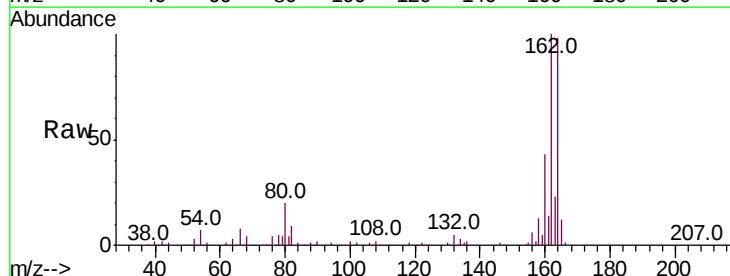
Instrument :
BNA_G
ClientSampleId :
PB114415BL

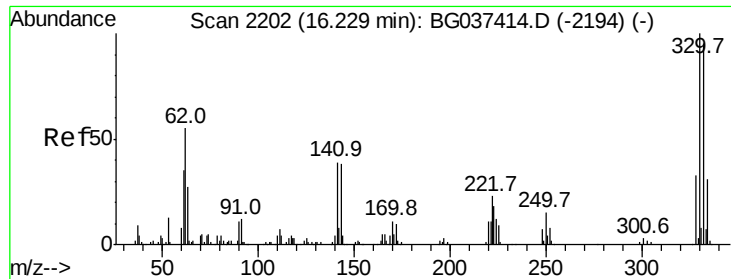
Tot Ion: 82 Resp: 383032
Ion Ratio Lower Upper
82 100
128 46.7 34.6 51.8
54 54.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Tgt Ion:164 Resp: 178190
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.3 36.3 54.5

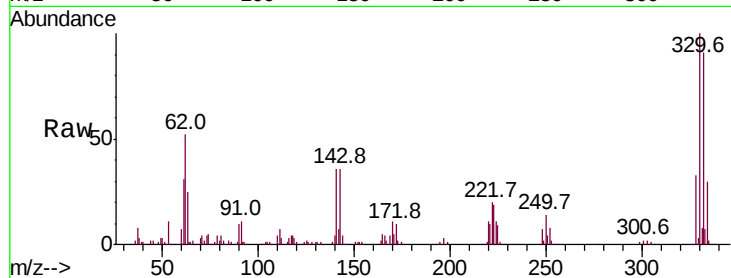




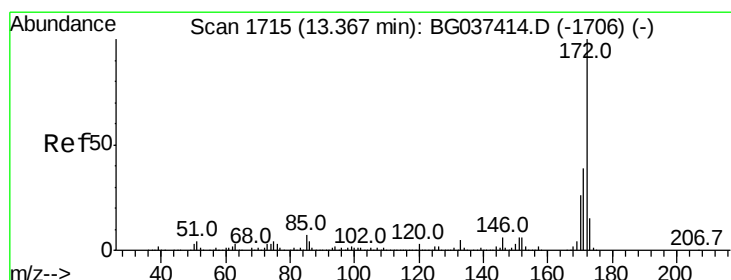
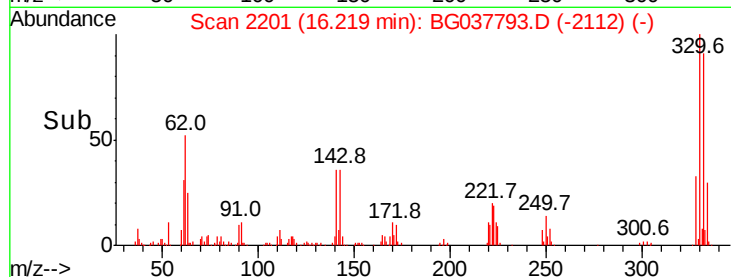
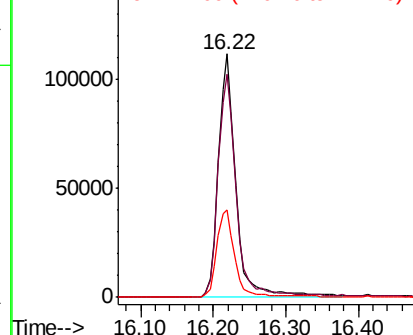
#42
 2,4,6-Tribromophenol
 Concen: 97.276 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	36.7	32.2	48.2

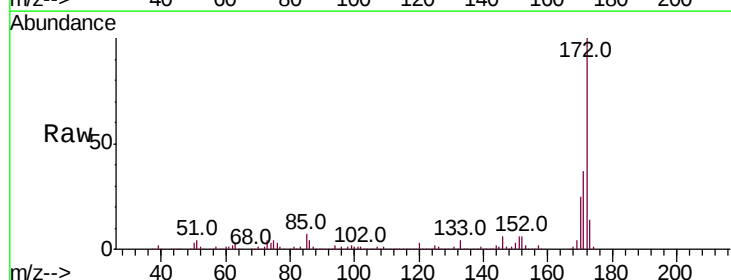


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

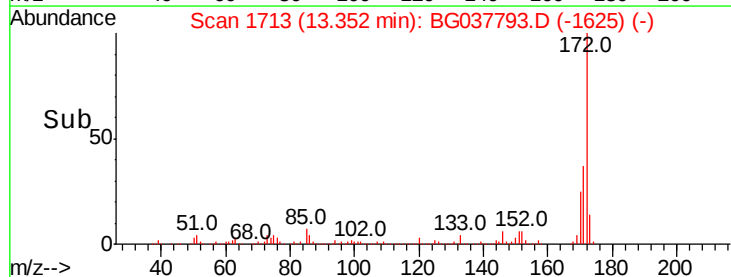
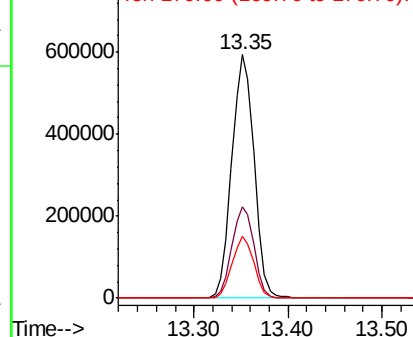


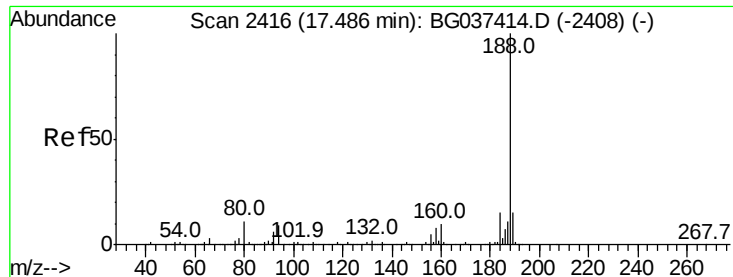
#45
 2-Fluorobiphenyl
 Concen: 82.573 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

BNA_G

ClientSampleId :

PB114415BL

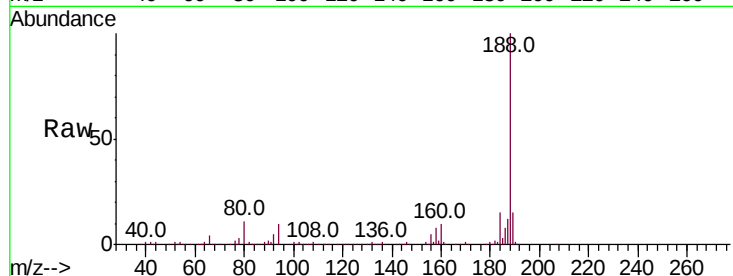
Tot Ion:188 Resp: 389995

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

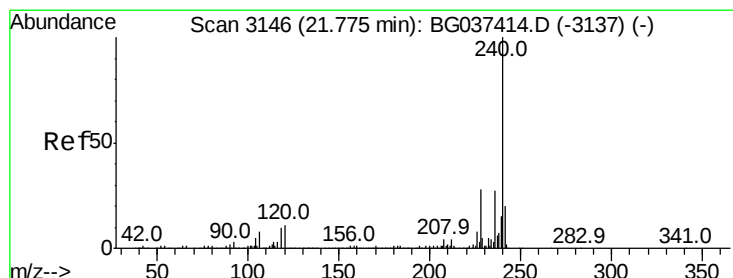
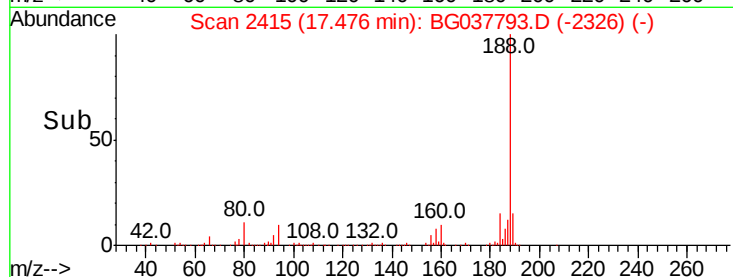
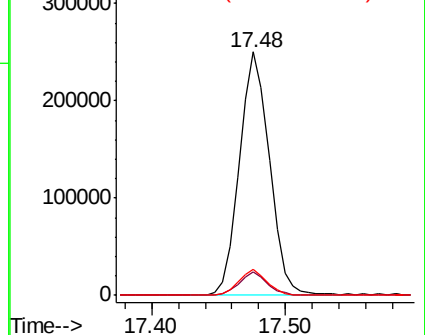
80 10.5 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

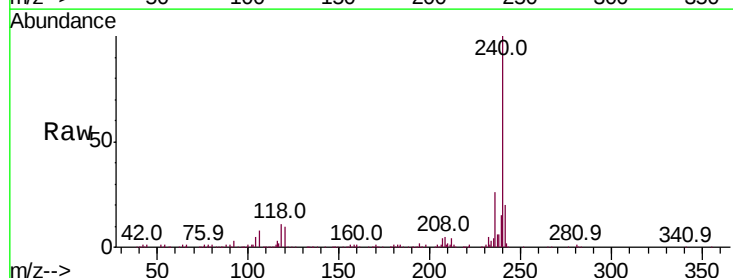
Tgt Ion:240 Resp: 343978

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

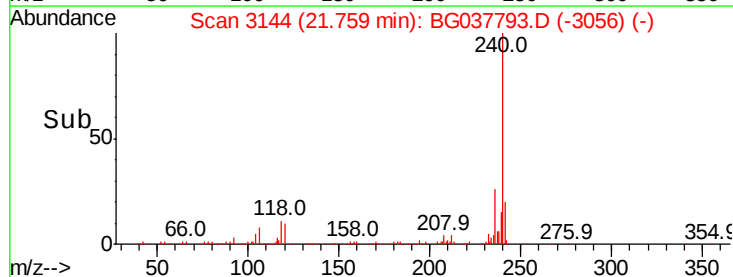
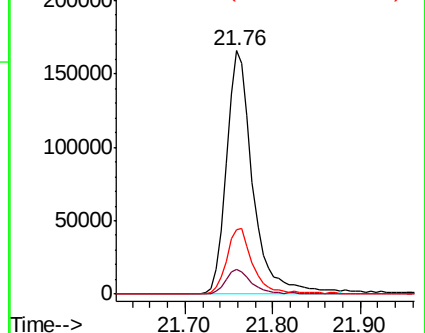
236 26.3 21.4 32.0



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: 84.122 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

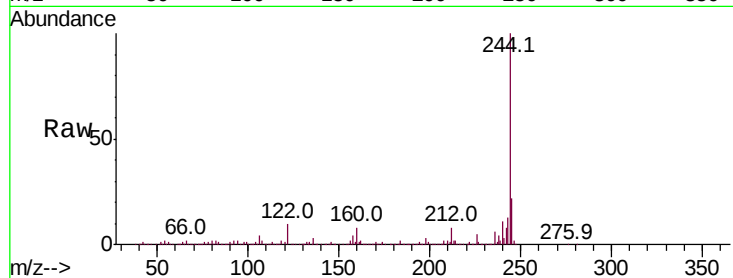
BNA_G

ClientSampleId :

PB114415BL

Tot Ion:244 Resp: 1354199

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.5	9.0	13.4

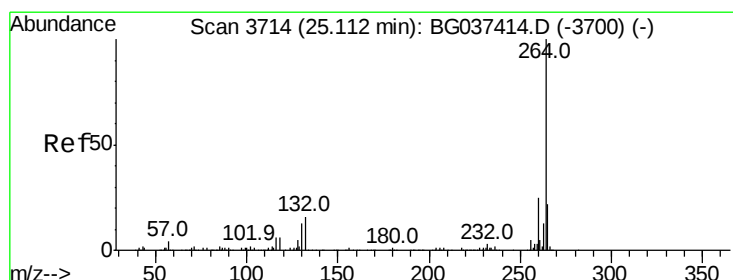
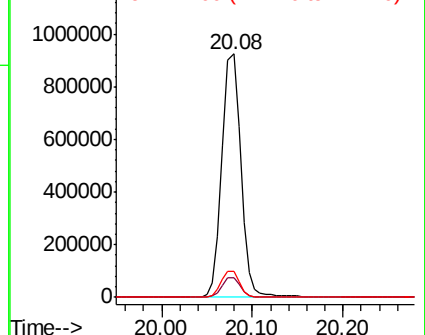
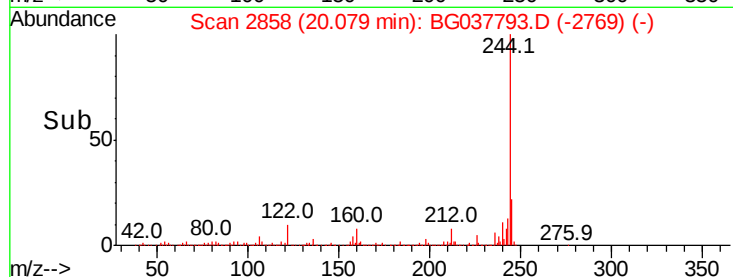


Abundance

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

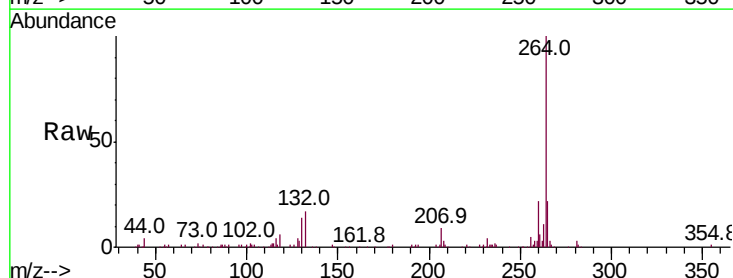
Delta R.T. -0.02 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Tgt Ion:264 Resp: 278200

Ion	Ratio	Lower	Upper
264	100		
260	21.9	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

