

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037791.D
 Acq On : 3 Nov 2018 14:57
 Operator : JU/SJ
 Sample : PB114440BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BL

Quant Time: Nov 05 05:25:58 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	57759	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	261792	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	173693	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	381892	20.00	ng	0.00
76) Chrysene-d12	21.76	240	348449	20.00	ng	-0.01
87) Perylene-d12	25.09	264	268373	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412619	119.43	ng	0.00
7) Phenol-d6	7.24	99	600462	114.94	ng	-0.01
23) Nitrobenzene-d5	9.27	82	353175	75.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	153990	81.28	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	899055	78.05	ng	-0.01
79) Terphenyl-d14	20.08	244	1258838	77.19	ng	-0.01

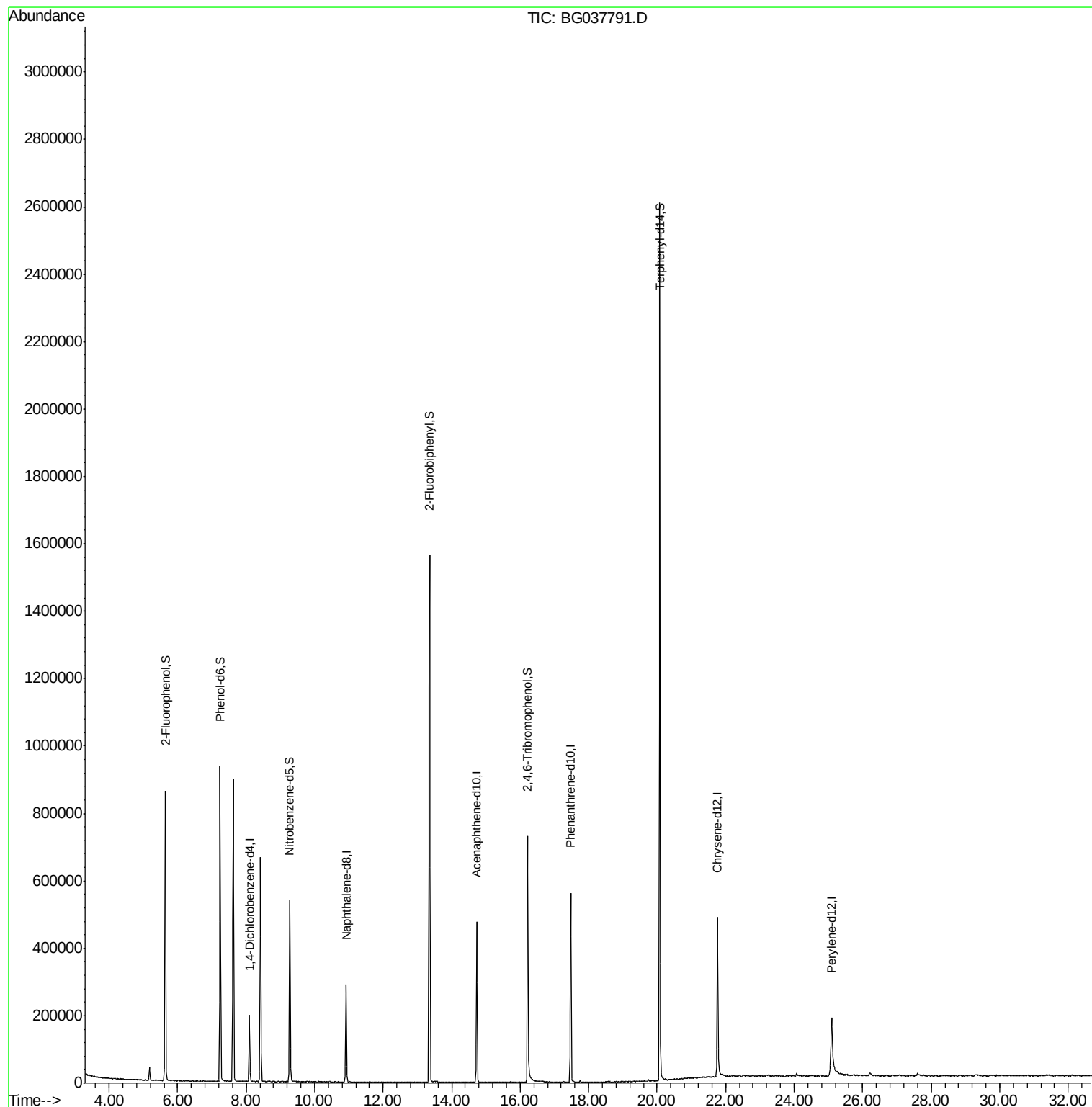
Target Compounds Qvalue

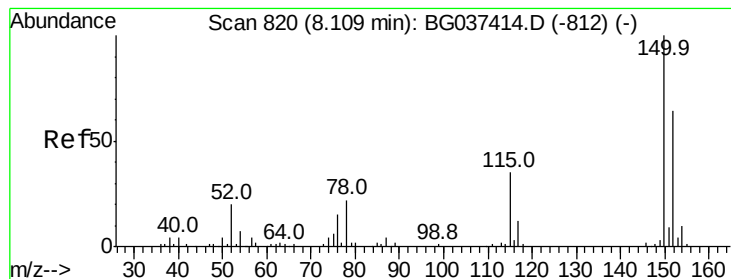
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

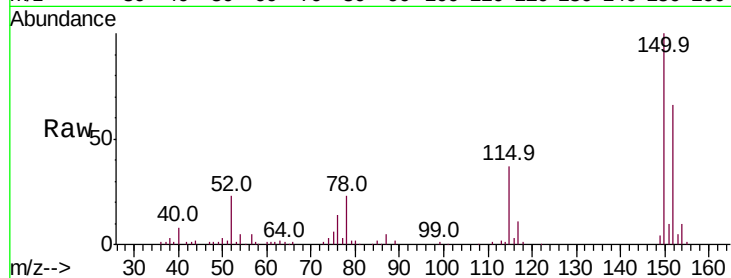
Tot Ion:152 Resp: 57759

Ion Ratio Lower Upper

152 100

150 151.7 126.0 189.0

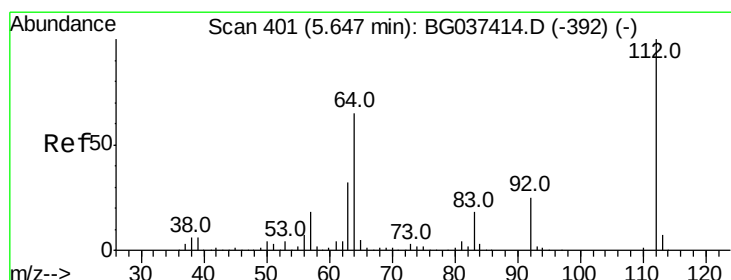
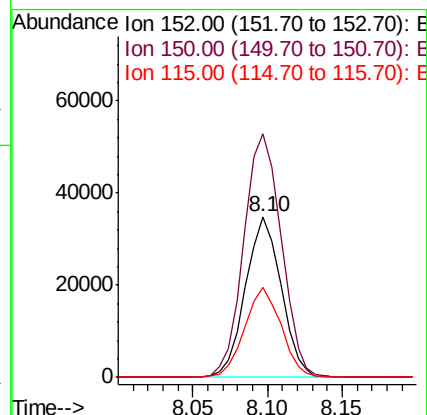
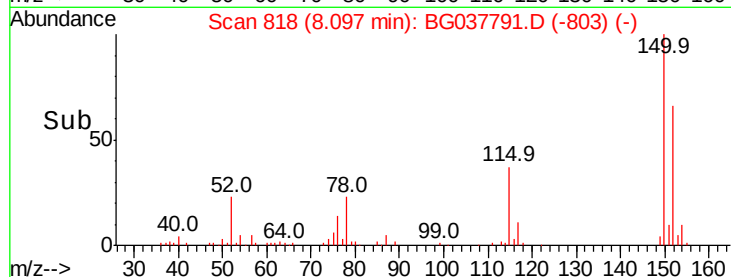
115 56.2 45.5 68.3



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: 119.434 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

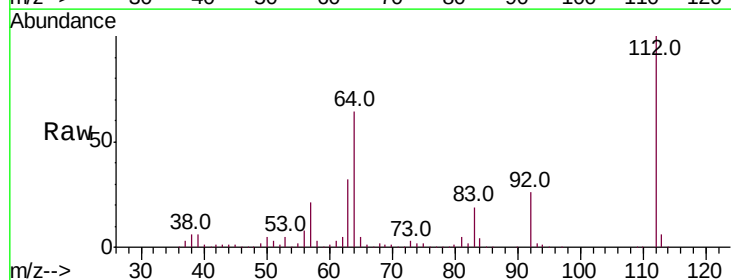
Tgt Ion:112 Resp: 412619

Ion Ratio Lower Upper

112 100

64 64.3 53.1 79.7

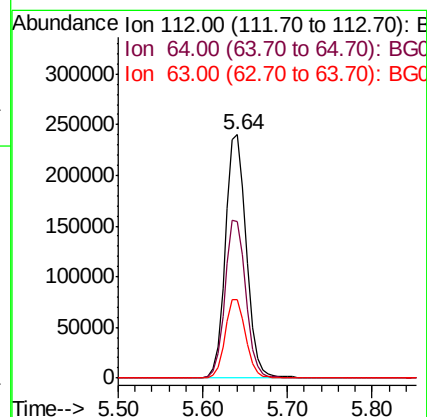
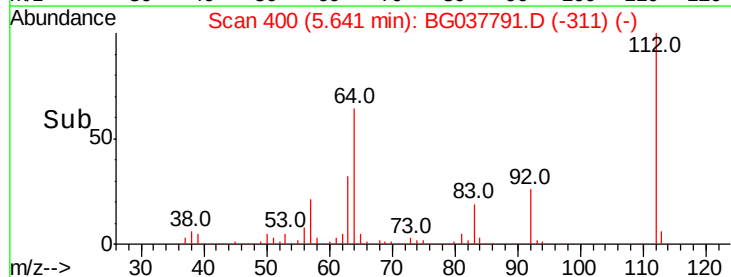
63 32.3 27.3 40.9

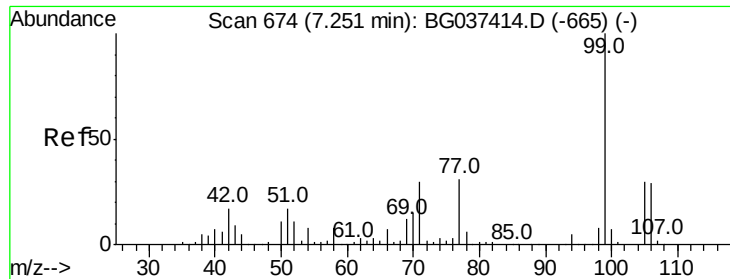


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.941 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

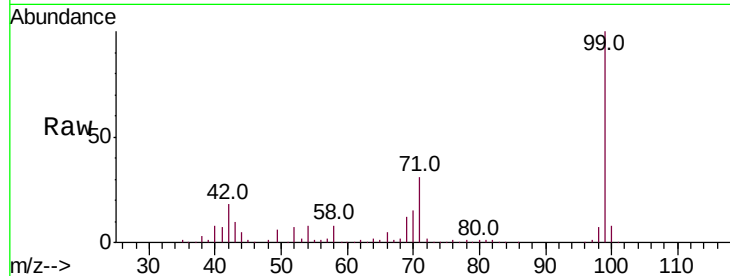
Tot Ion: 99 Resp: 600462

Ion Ratio Lower Upper

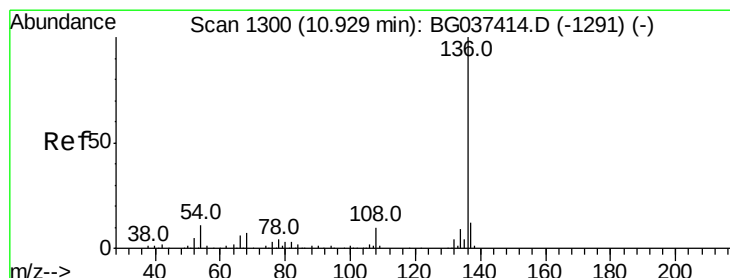
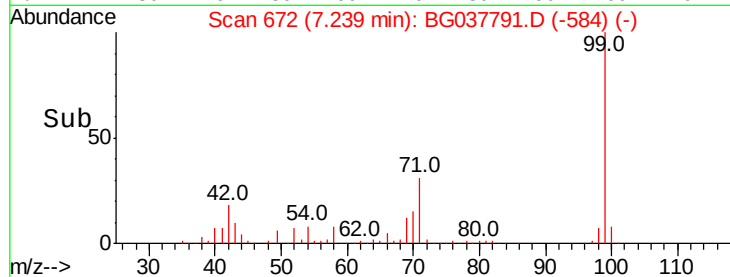
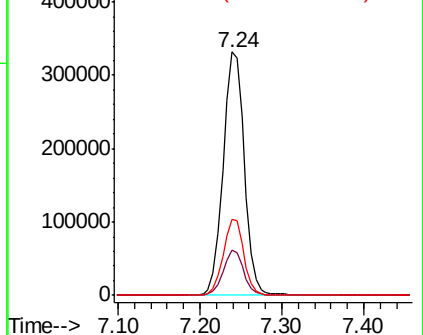
99 100

42 18.4 15.0 22.4

71 31.3 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: BG037791.D

Acq: 3 Nov 2018 14:57

Tgt Ion: 136 Resp: 261792

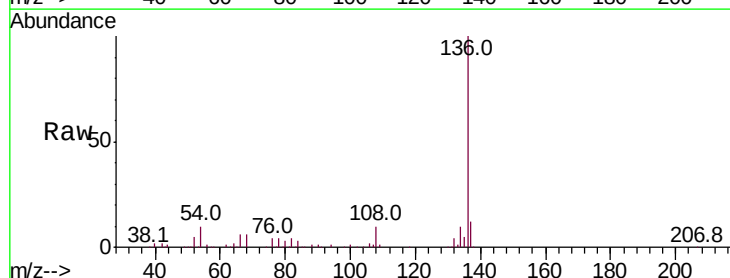
Ion Ratio Lower Upper

136 100

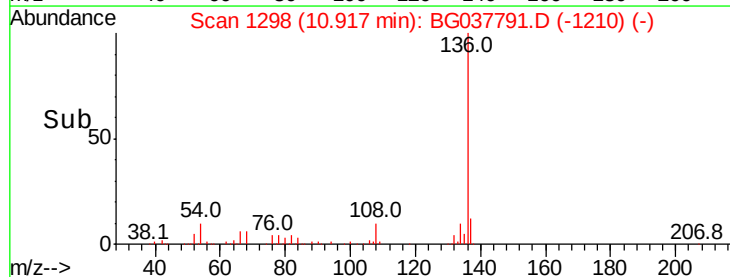
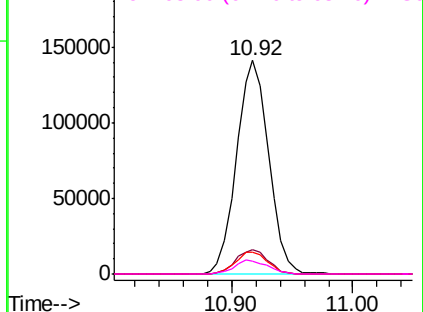
137 11.6 9.6 14.4

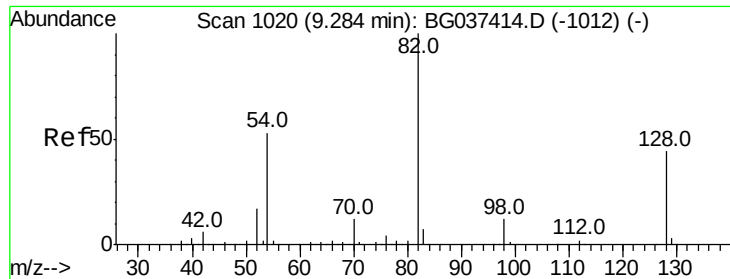
54 10.3 7.9 11.9

68 6.2 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

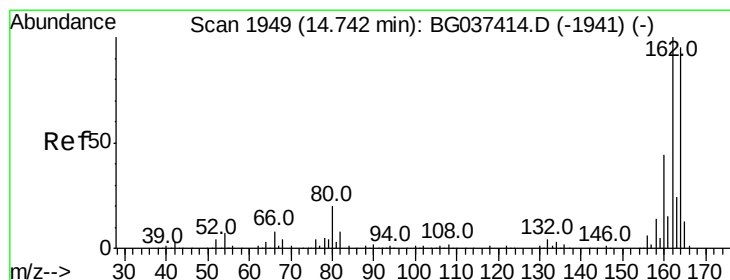
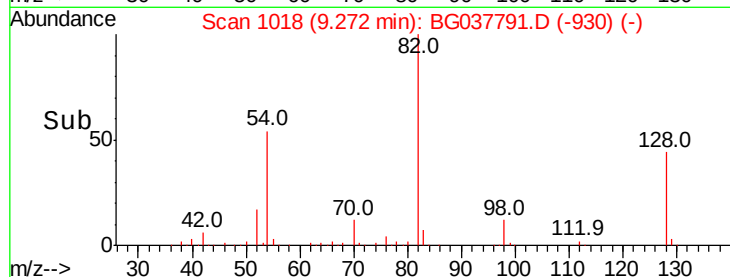
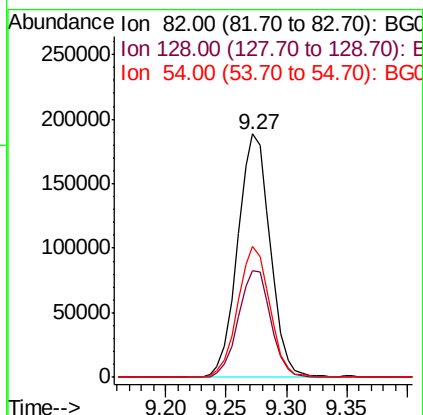
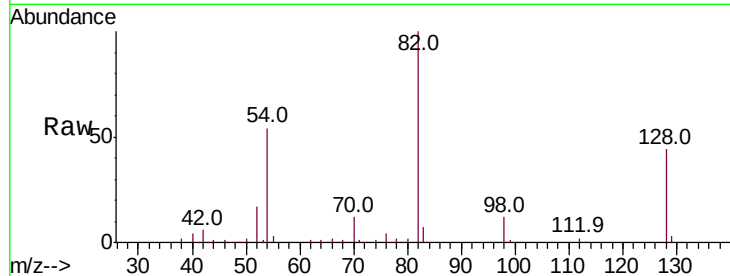




#23
 Nitrobenzene-d5
 Concen: 75.573 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

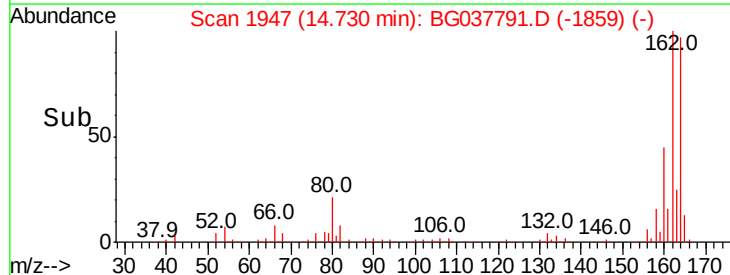
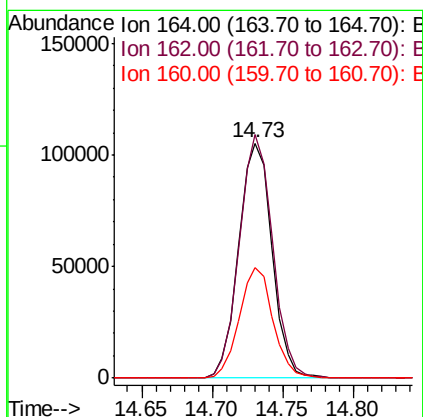
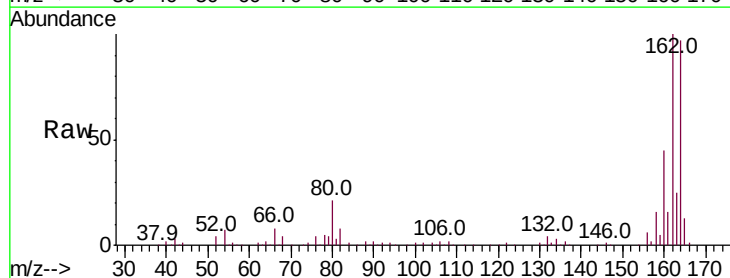
Instrument :
 BNA_G
 ClientSampleID :
 PB114440BL

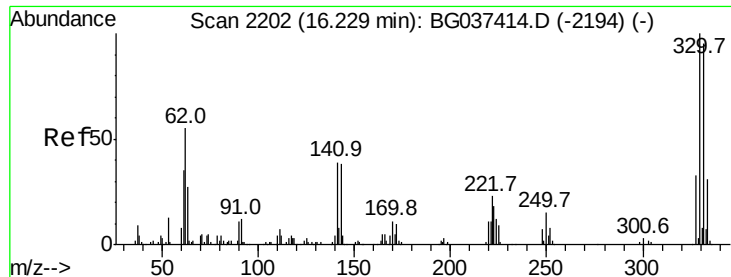
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	46.9	36.3	54.5

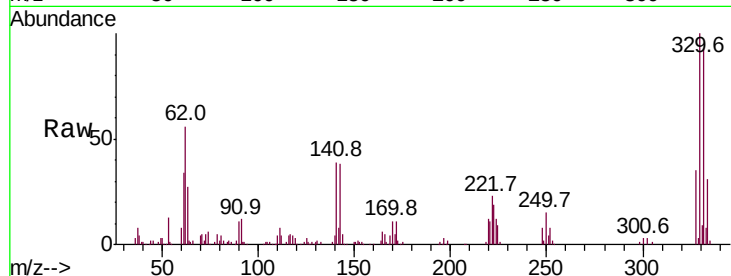




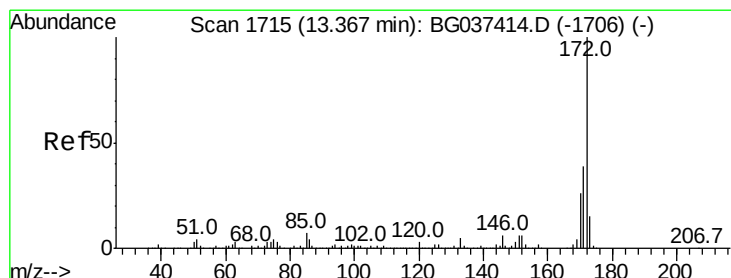
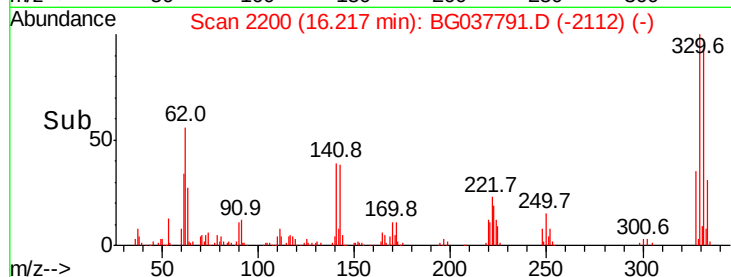
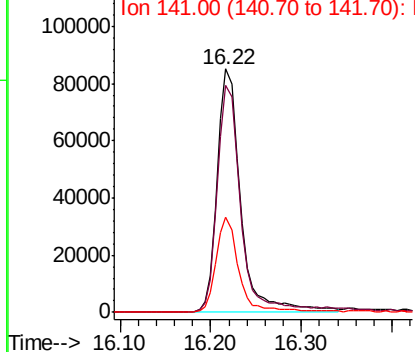
#42
 2,4,6-Tribromophenol
 Concen: 81.285 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Instrument :
 BNA_G
 ClientSampleID :
 PB114440BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	38.1	32.2	48.2

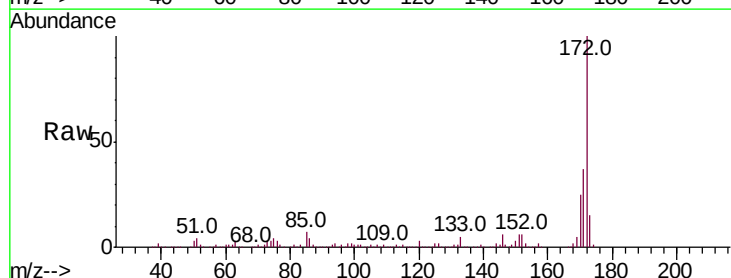


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

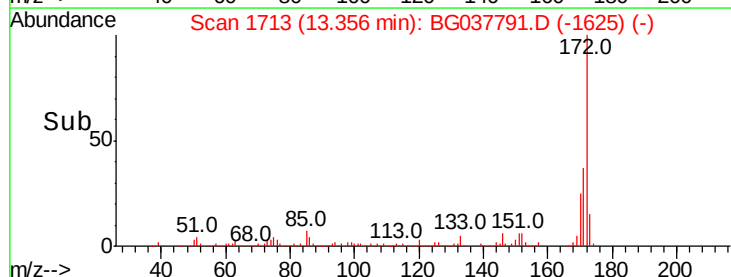
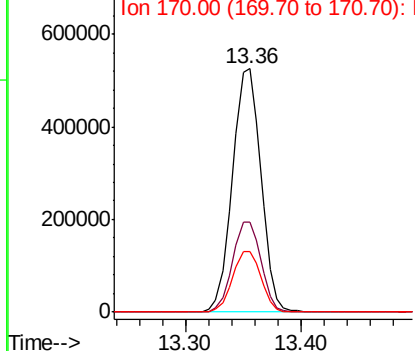


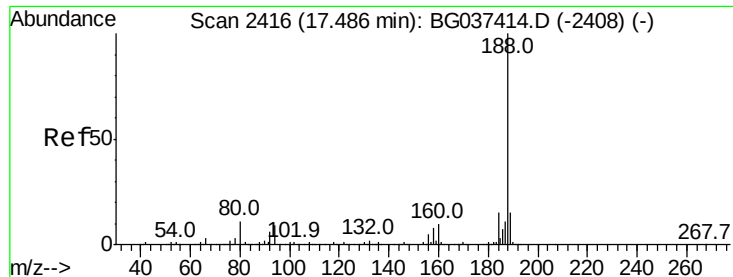
#45
 2-Fluorobiphenyl
 Concen: 78.053 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.9	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: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

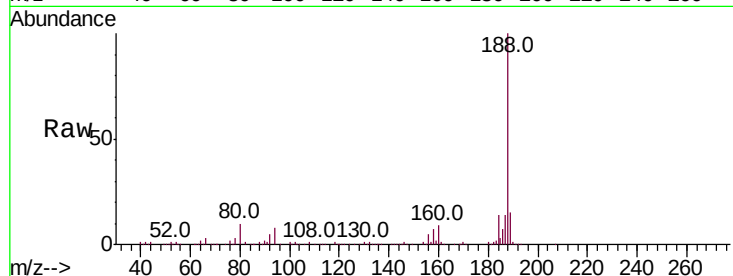
Tot Ion:188 Resp: 381892

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

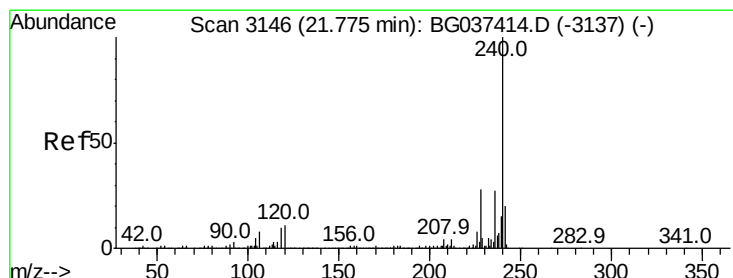
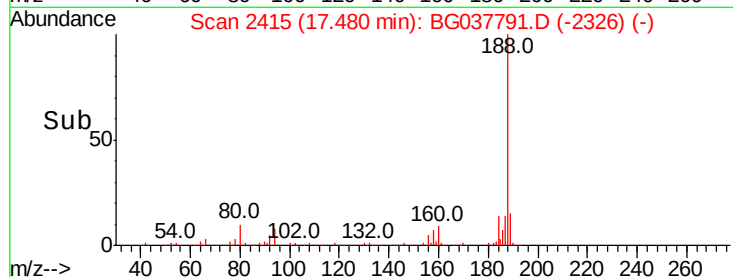
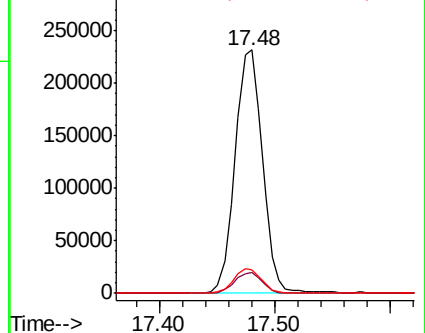
80 9.6 7.7 11.5



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# 3144

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

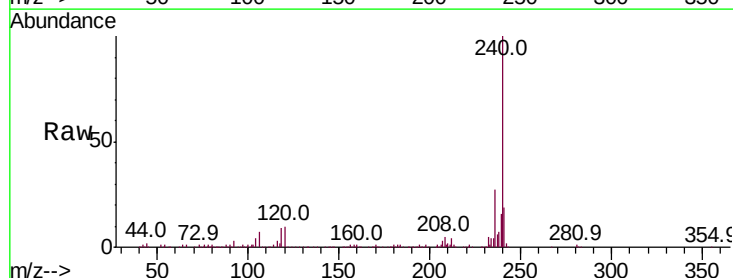
Tgt Ion:240 Resp: 348449

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

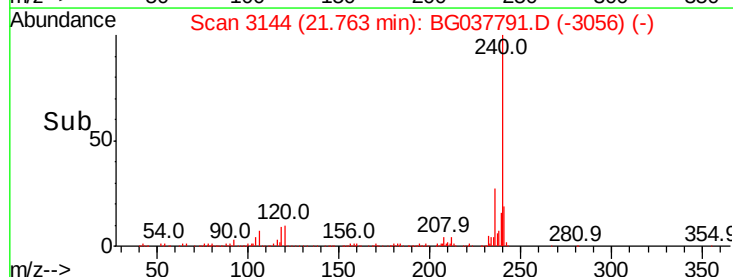
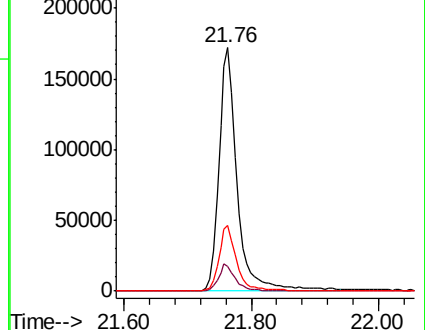
236 26.7 21.4 32.0

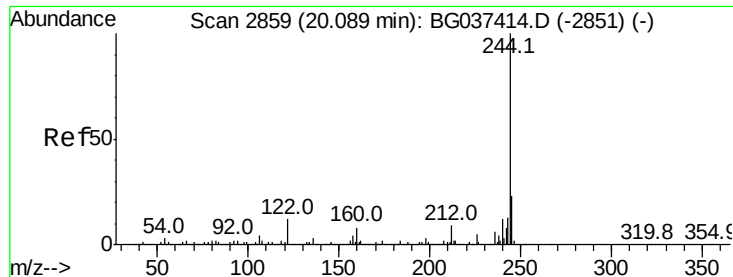


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.195 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

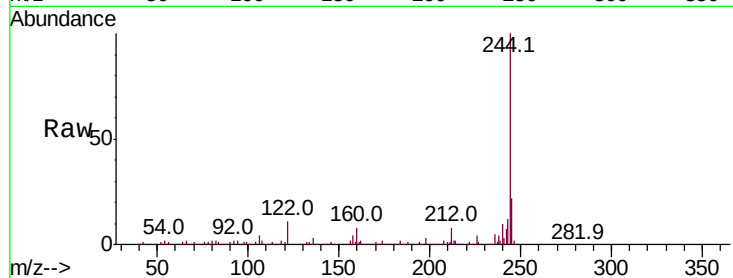
Tot Ion:244 Resp: 1258838

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

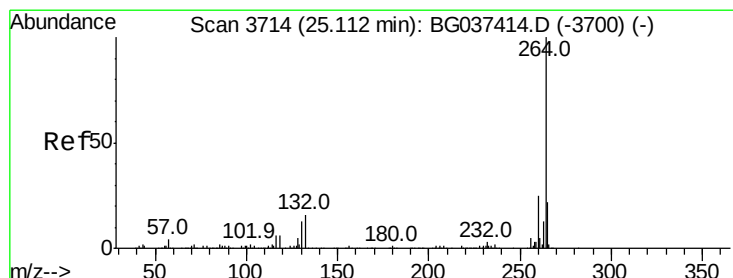
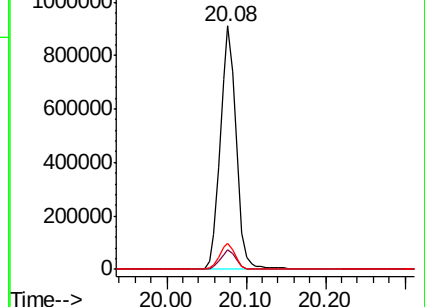
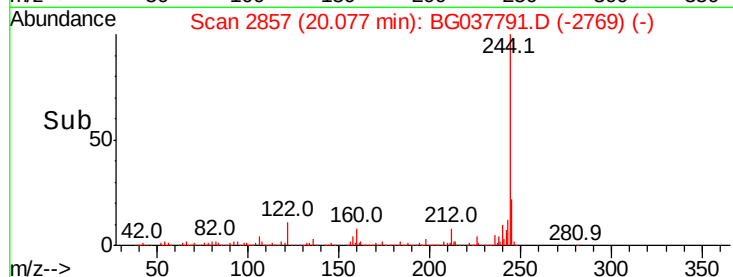
122 10.7 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

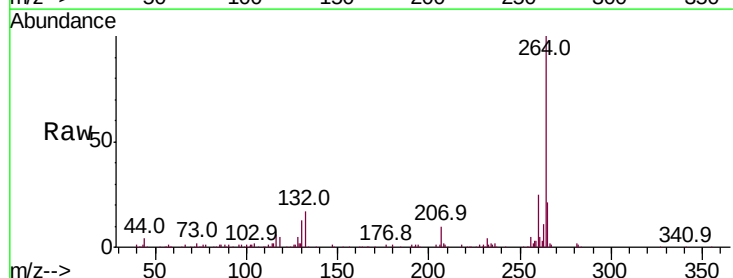
Tgt Ion:264 Resp: 268373

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 21.4 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

