

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037790.D
 Acq On : 3 Nov 2018 14:18
 Operator : JU/SJ
 Sample : J5759-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Nov 05 05:23:52 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	58558	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	260184	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	172213	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	391268	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	343320	20.00	ng	-0.01
87) Perylene-d12	25.10	264	273924	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	379503	108.35	ng	0.00
7) Phenol-d6	7.24	99	494064	93.28	ng	-0.01
23) Nitrobenzene-d5	9.27	82	384487	82.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	180771	96.24	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	946552	82.88	ng	-0.02
79) Terphenyl-d14	20.08	244	1359598	84.62	ng	-0.01

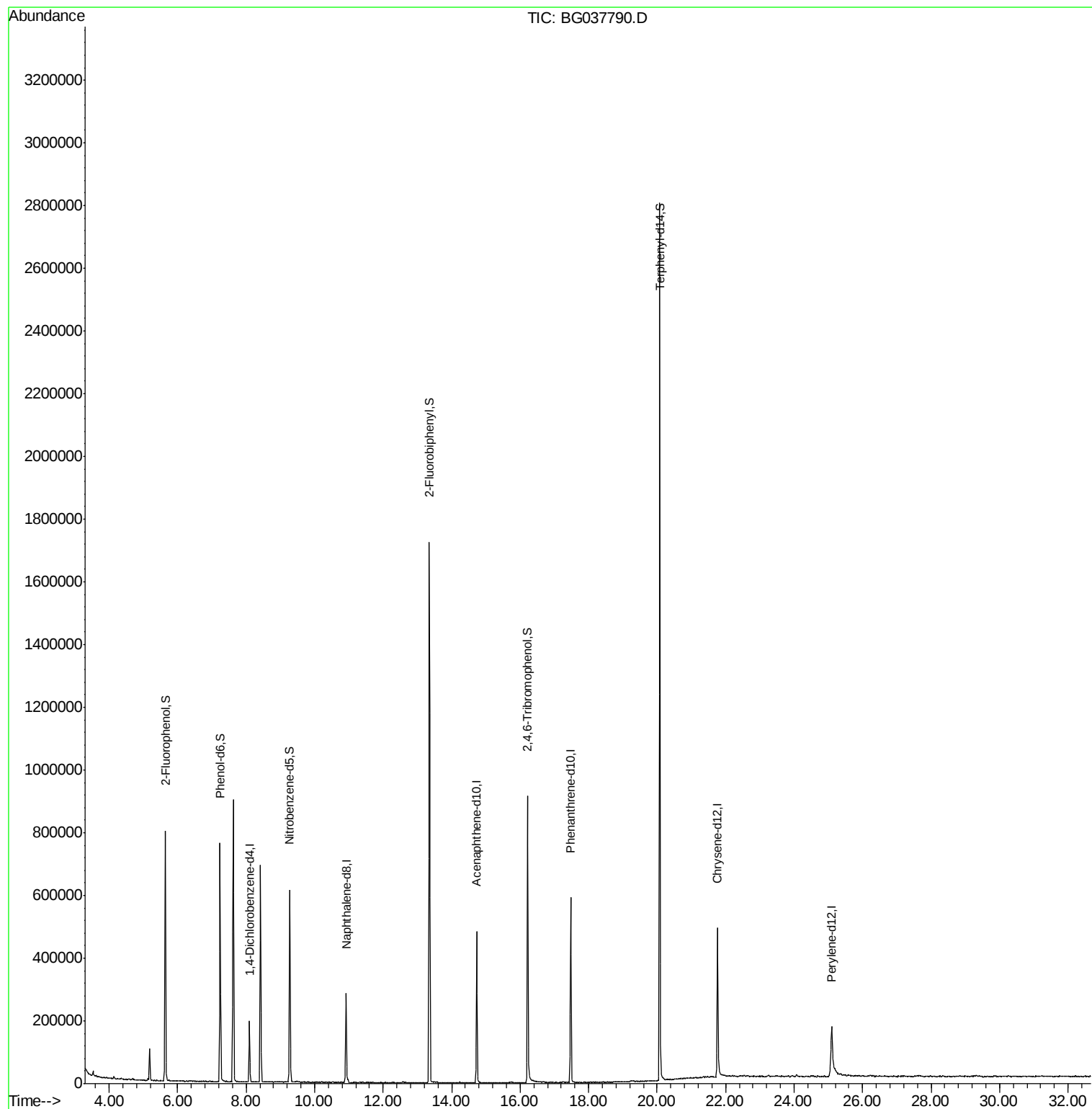
Target Compounds Qvalue

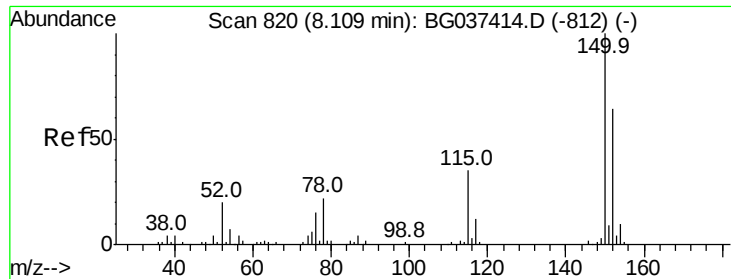
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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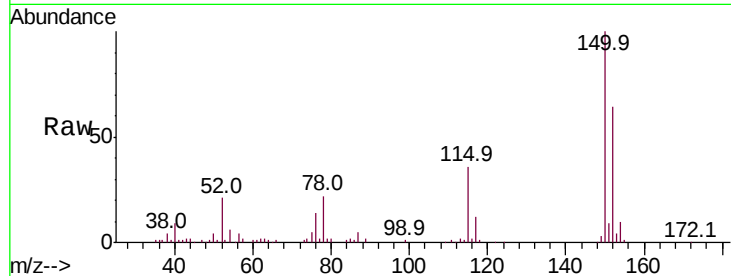


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.0	189.0
115	57.4	45.5	68.3

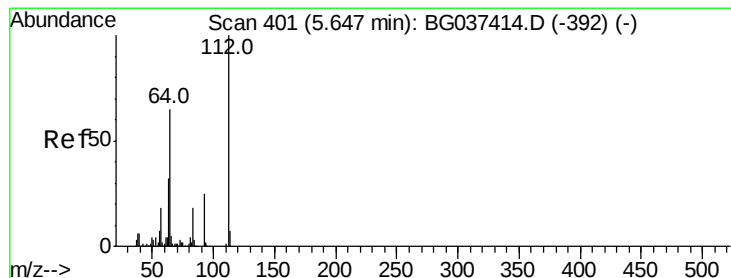
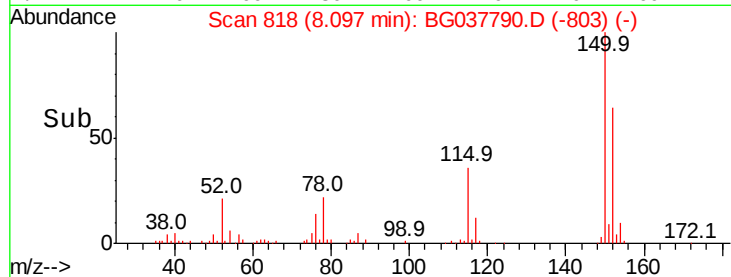
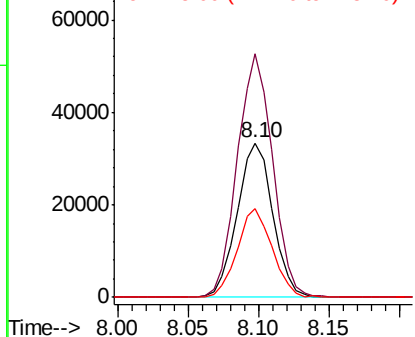


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

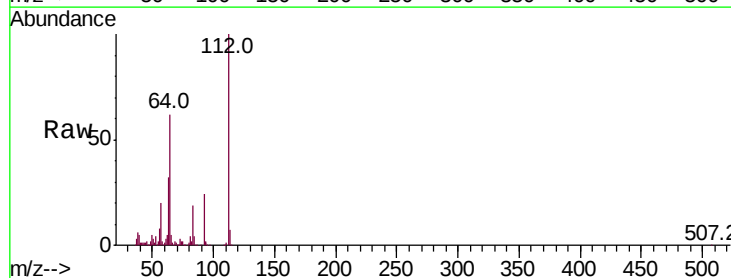
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.350 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	53.1	79.7
63	32.2	27.3	40.9

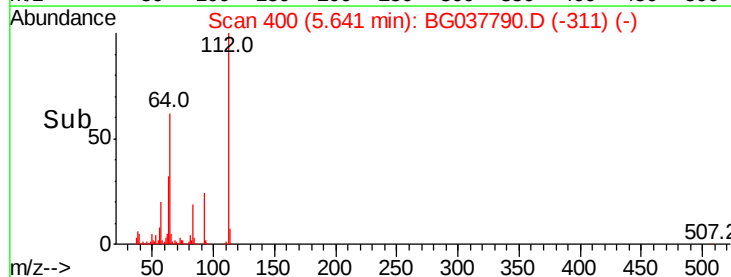
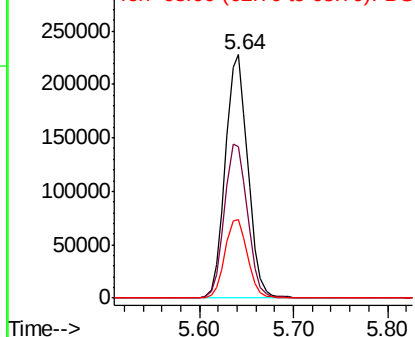


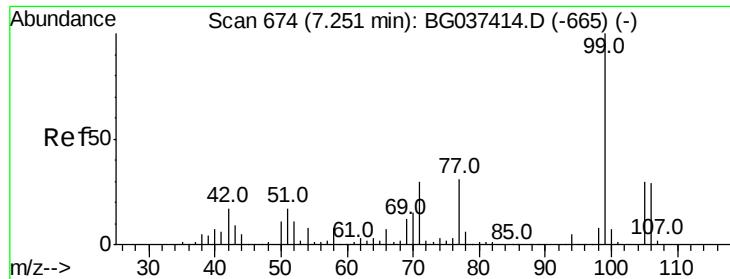
Abundance

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: 93.284 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

Instrument :

BNA_G

ClientSampled :

TP-3

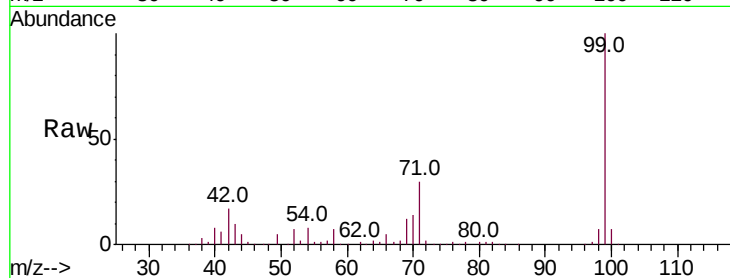
Tot Ion: 99 Resp: 494064

Ion Ratio Lower Upper

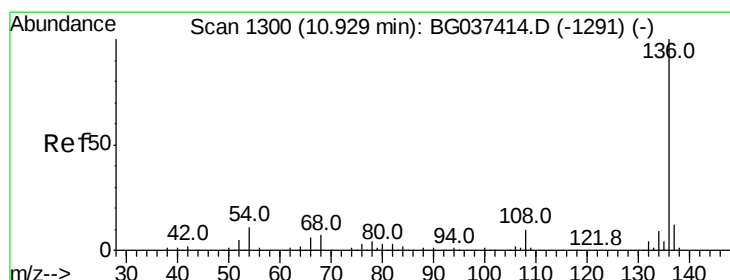
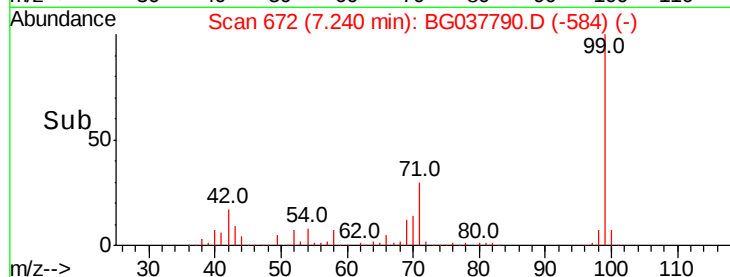
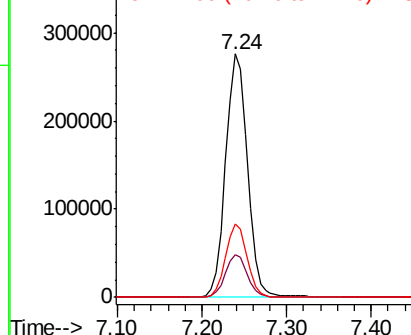
99 100

42 17.4 15.0 22.4

71 30.0 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: BG037790.D

Acq: 3 Nov 2018 14:18

Tgt Ion: 136 Resp: 260184

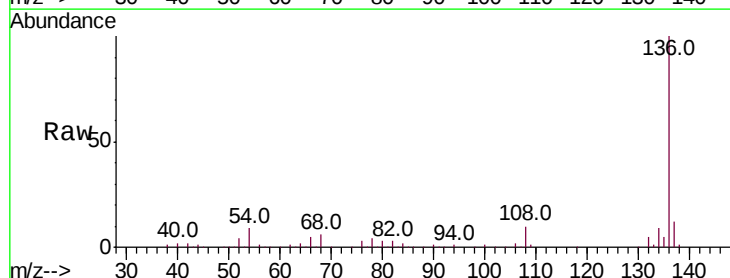
Ion Ratio Lower Upper

136 100

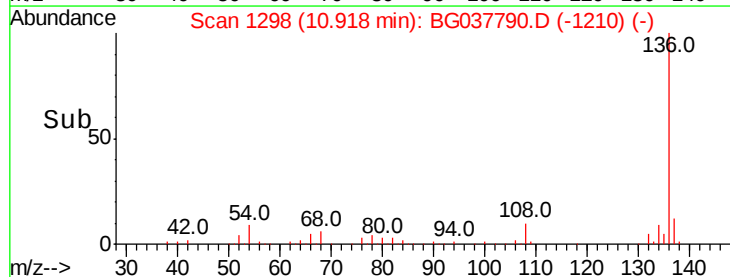
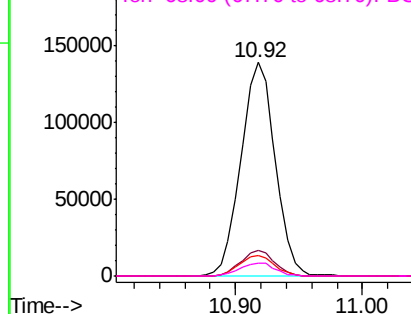
137 11.9 9.6 14.4

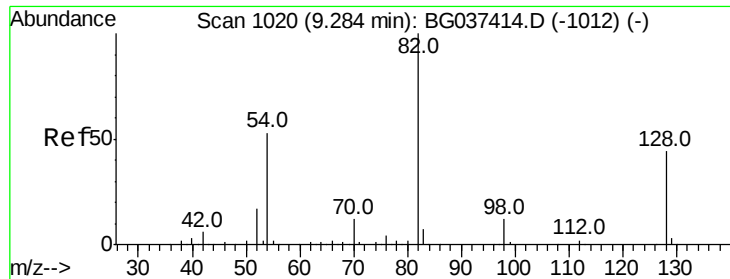
54 9.4 7.9 11.9

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

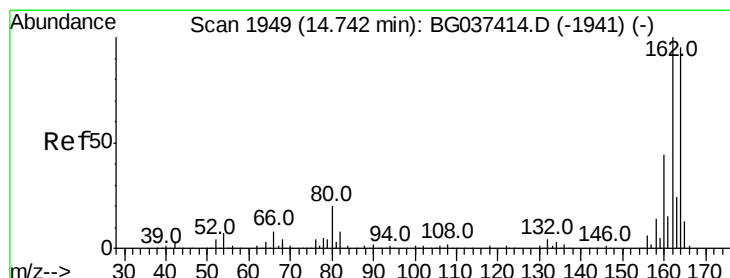
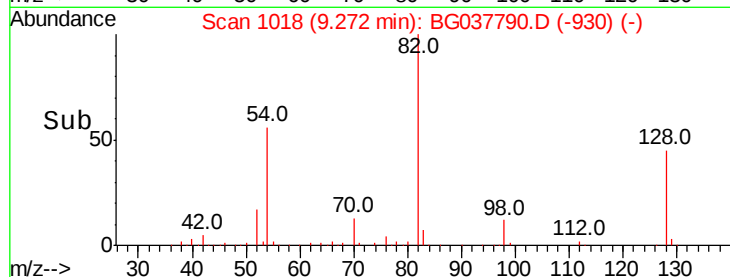
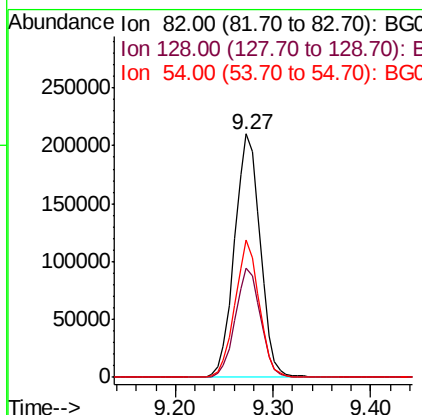
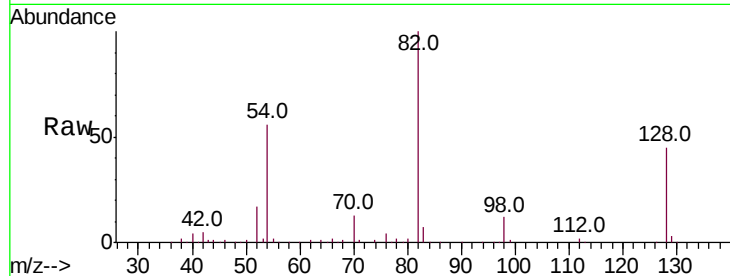




#23
Nitrobenzene-d5
Concen: 82.782 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

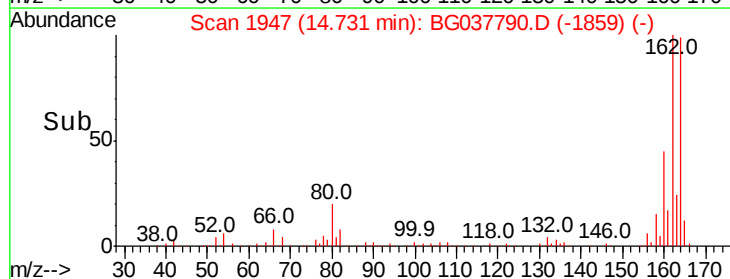
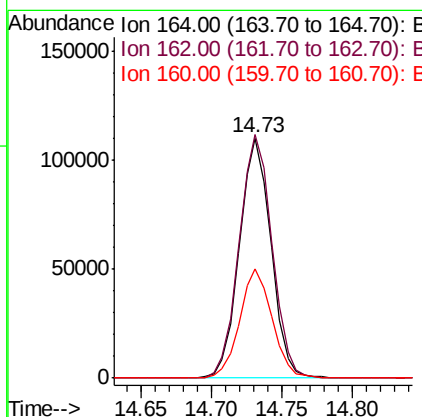
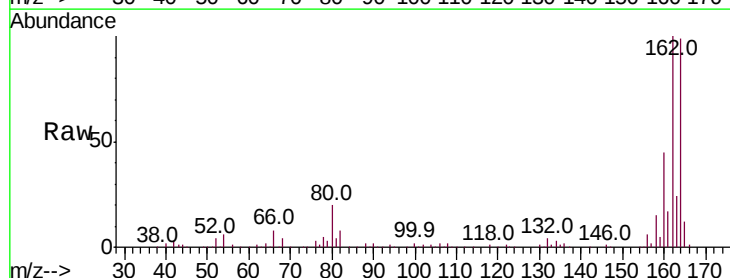
Instrument :
BNA_G
ClientSampled :
TP-3

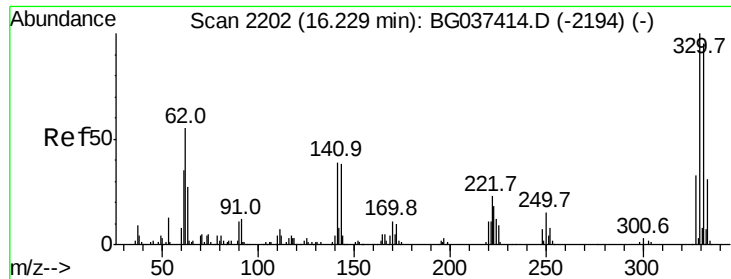
Tot Ion	82	Resp	384487
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	56.4	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Tgt Ion	164	Resp	172213
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.7	36.3	54.5

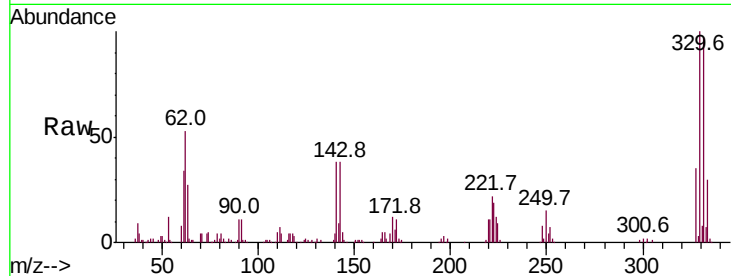




#42
 2,4,6-Tribromophenol
 Concen: 96.241 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Instrument :
 BNA_G
 ClientSampleID :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	78.4	117.6
141	38.5	32.2	48.2

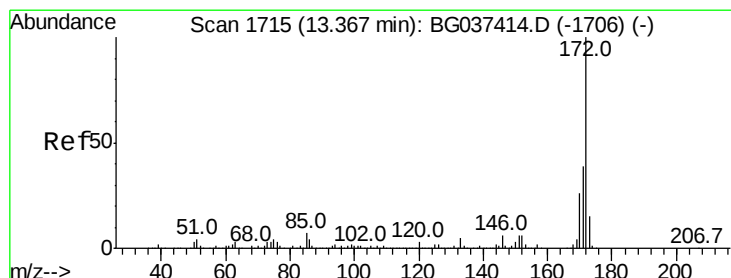
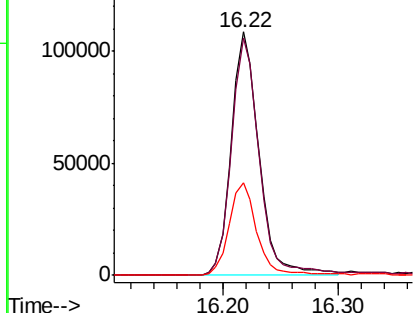
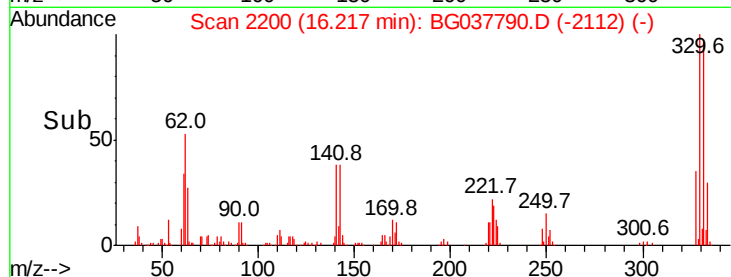


Abundance

Ion 329.80 (329.50 to 330.50): E

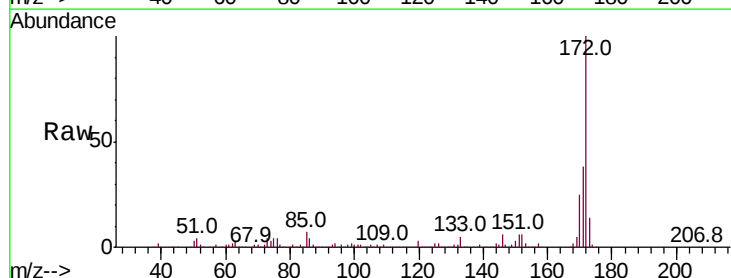
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.883 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2

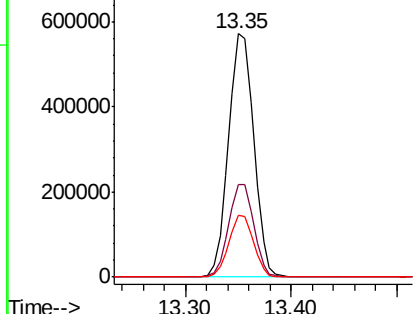
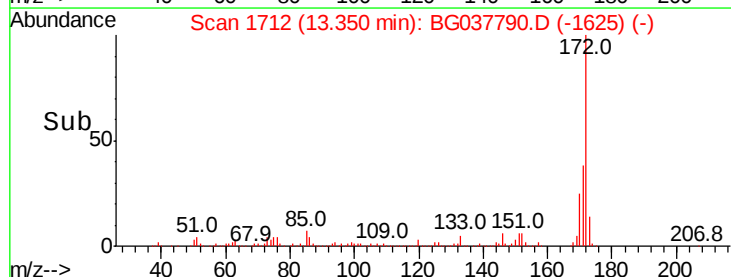


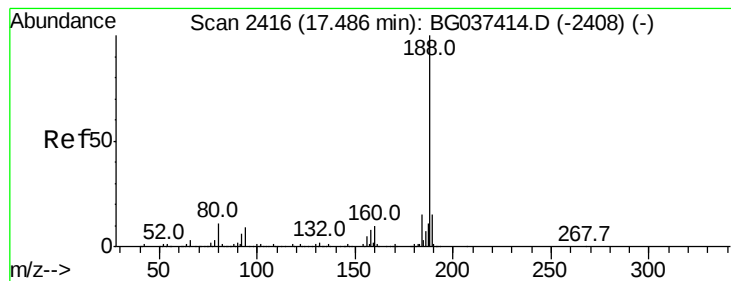
Abundance

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: BG037790.D

Acq: 3 Nov 2018 14:18

Instrument :

BNA_G

ClientSampleId :

TP-3

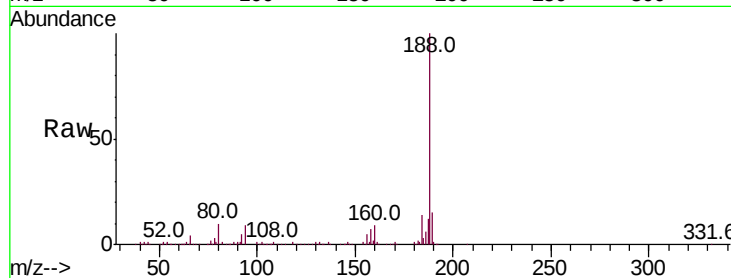
Tot Ion:188 Resp: 391268

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

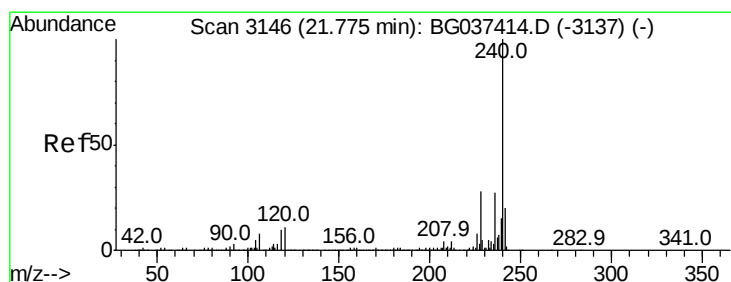
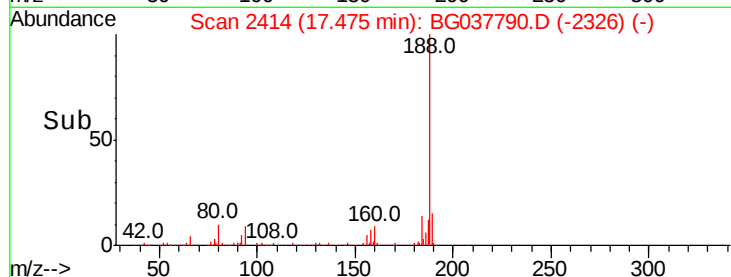
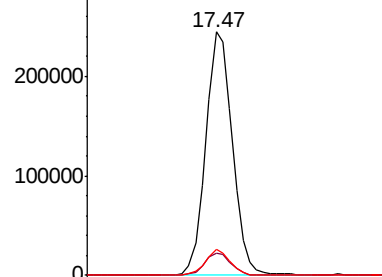
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG037790.D

Acq: 3 Nov 2018 14:18

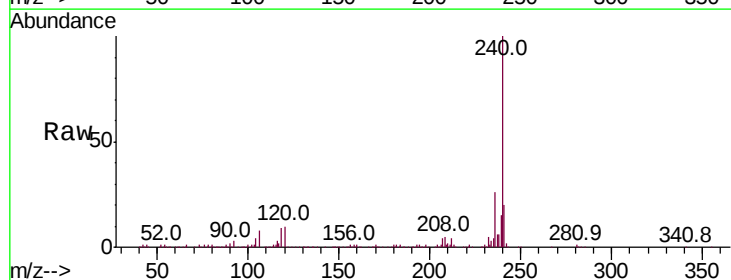
Tgt Ion:240 Resp: 343320

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

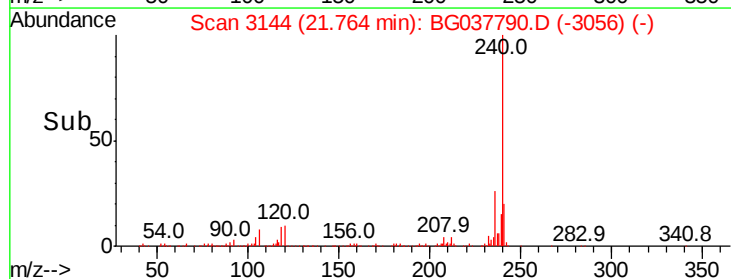
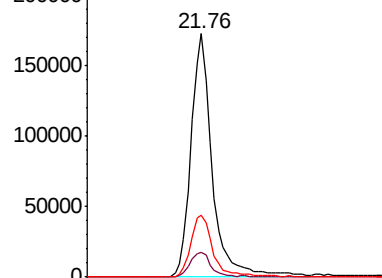
236 25.5 21.4 32.0

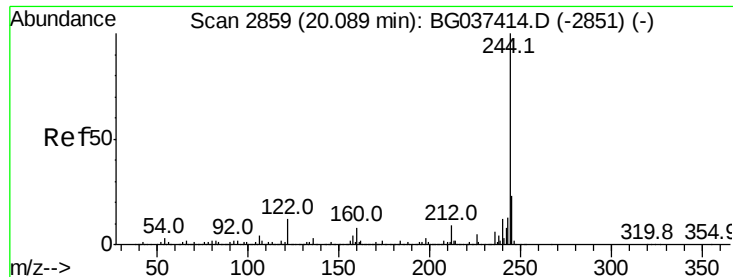


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.619 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

Instrument :

BNA_G

ClientSampleId :

TP-3

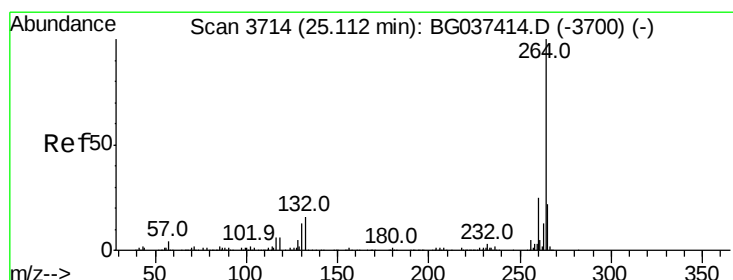
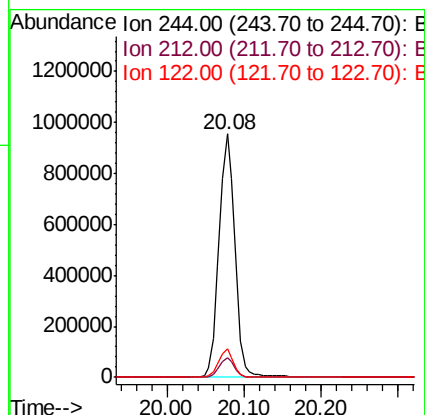
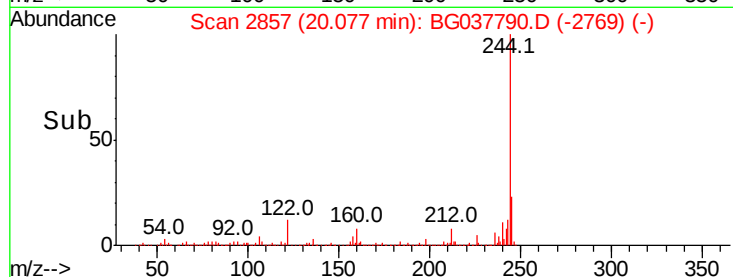
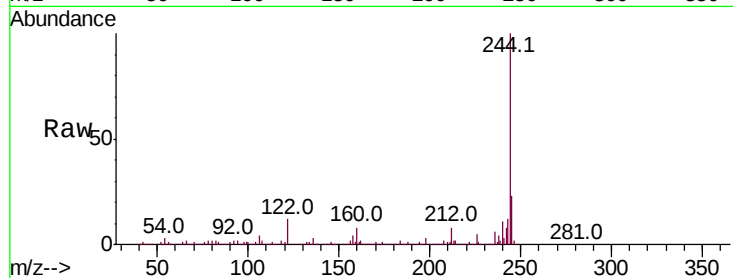
Tot Ion:244 Resp: 1359598

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.6 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

Tgt Ion:264 Resp: 273924

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.5 17.9 26.9

