

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037294.D
 Acq On : 12 Oct 2018 17:01
 Operator : JU/SJ
 Sample : PB113784BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113784BL

Quant Time: Oct 12 18:44:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49254	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	203002	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	138815	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	378564	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	380734	20.00	ng	-0.01
87) Perylene-d12	25.13	264	375547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	361334	129.11	ng	0.00
7) Phenol-d6	7.25	99	510516	120.18	ng	0.00
23) Nitrobenzene-d5	9.29	82	278910	90.33	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	188160	138.21	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	722050	78.11	ng	0.00
79) Terphenyl-d14	20.10	244	1341614	73.99	ng	0.00

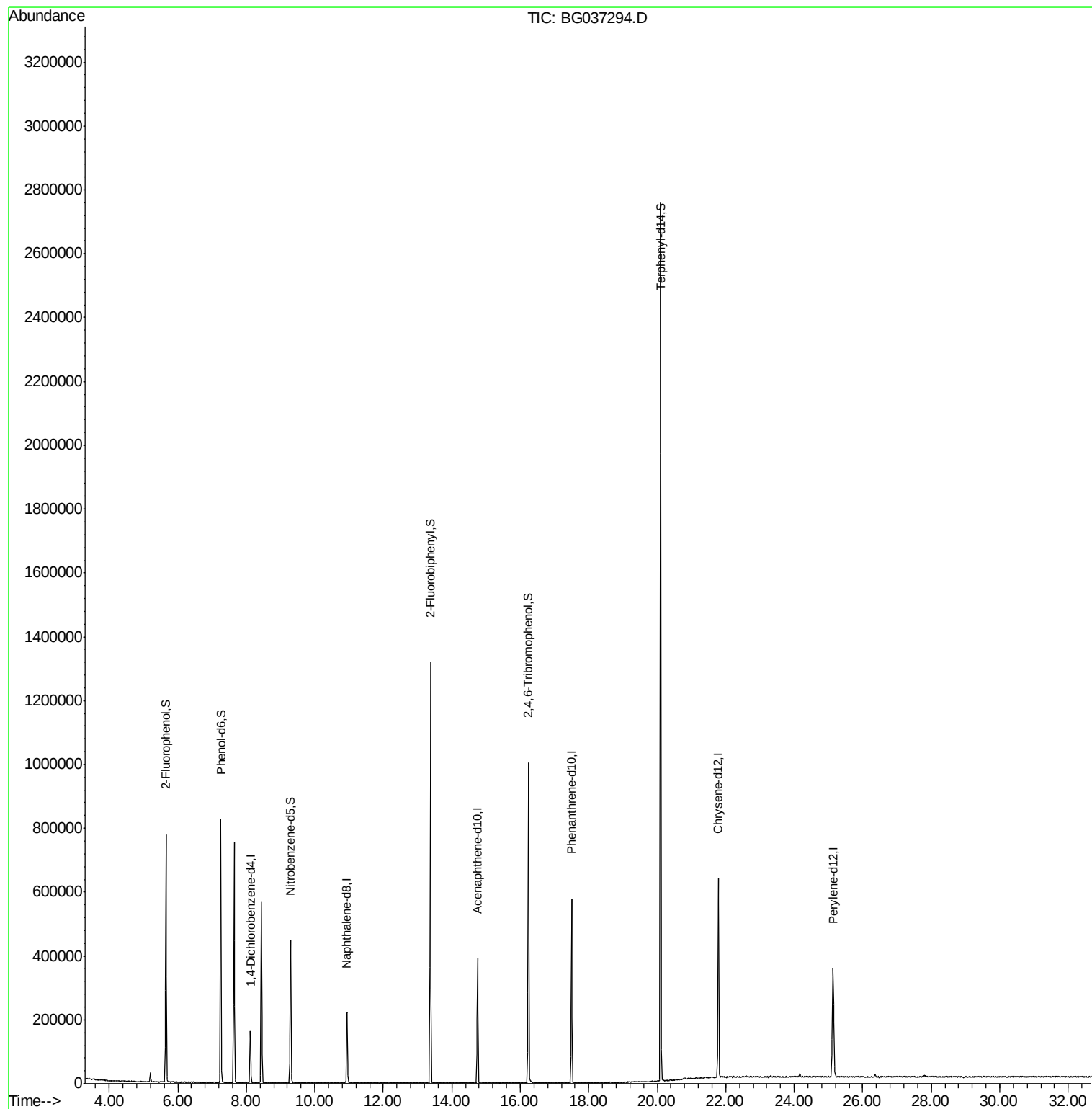
Target Compounds Qvalue

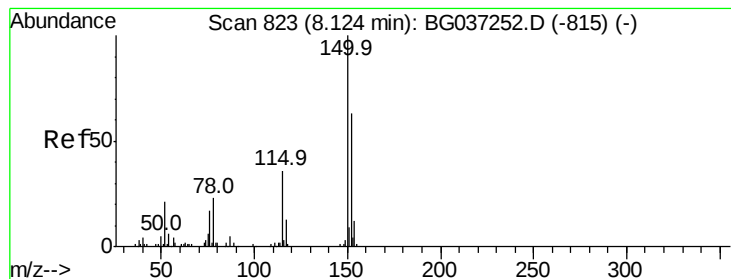
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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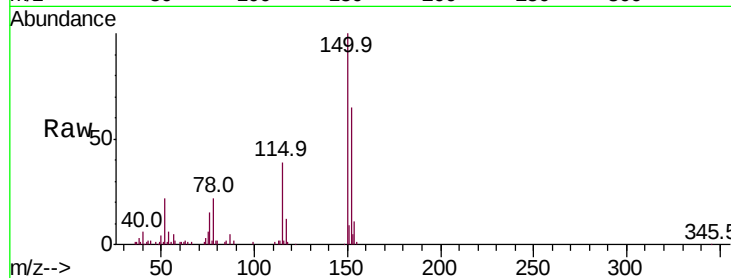


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037294.D
Acq: 12 Oct 2018 17:01

Instrument :
BNA_G
ClientSampleId :
PB113784BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.0	189.0
115	59.8	45.5	68.3

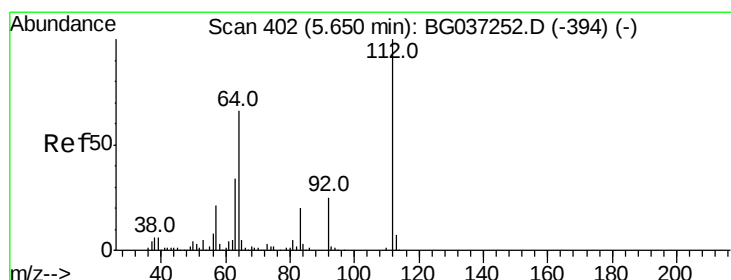
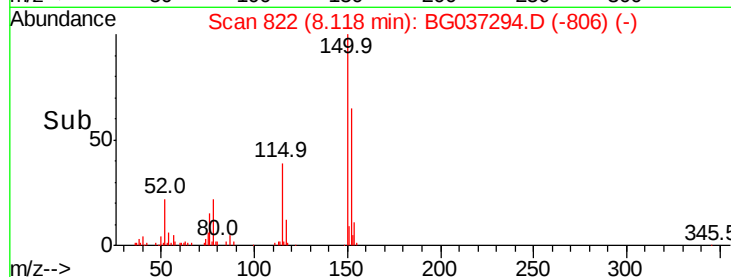
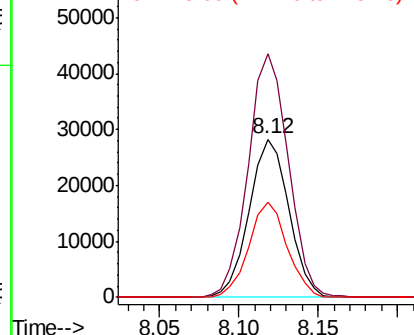


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

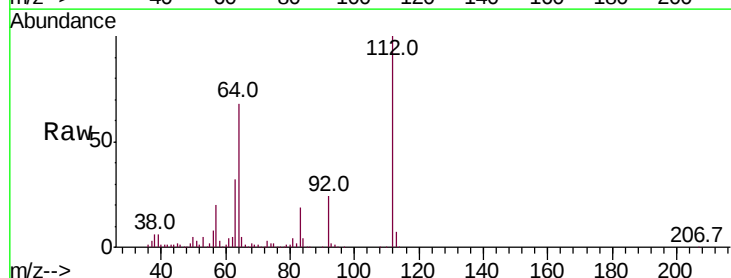
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.109 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037294.D
Acq: 12 Oct 2018 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	32.4	27.3	40.9

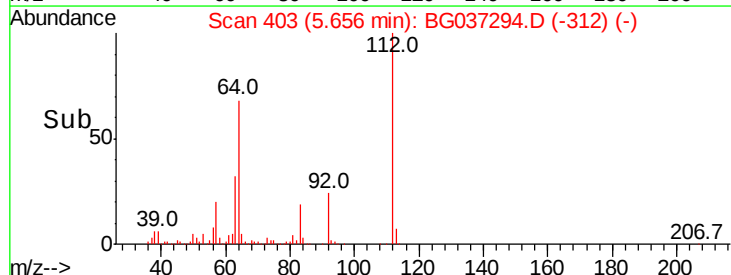
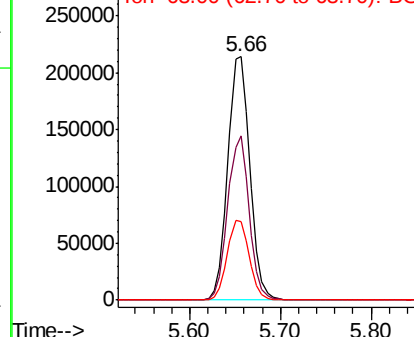


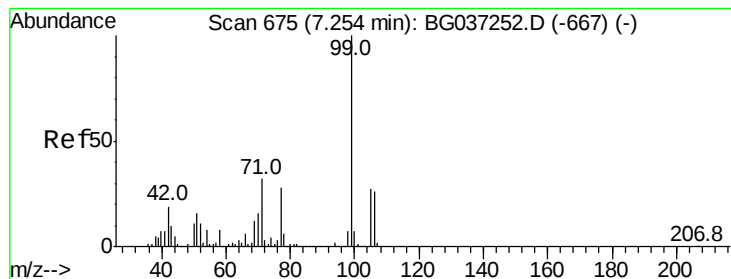
Abundance

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: 120.180 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

Instrument :

BNA_G

ClientSampleId :

PB113784BL

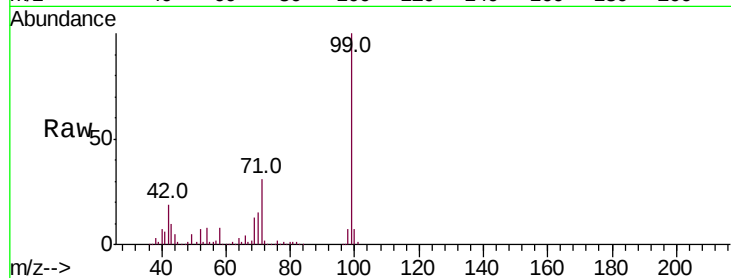
Tot Ion: 99 Resp: 510516

Ion Ratio Lower Upper

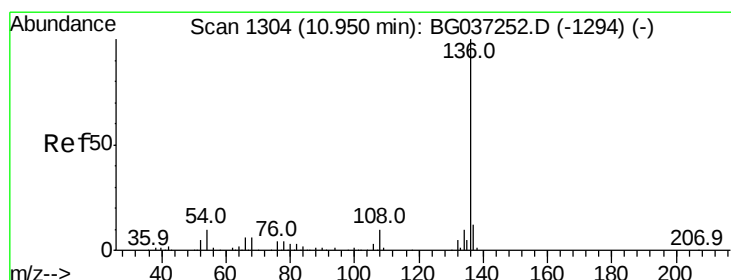
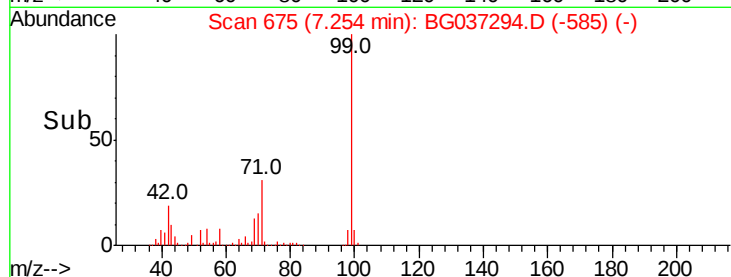
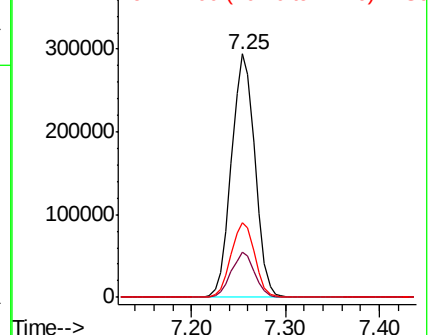
99 100

42 18.7 15.0 22.4

71 30.7 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: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

Tgt Ion: 136 Resp: 203002

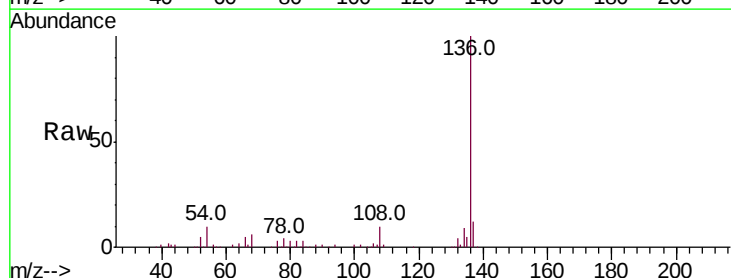
Ion Ratio Lower Upper

136 100

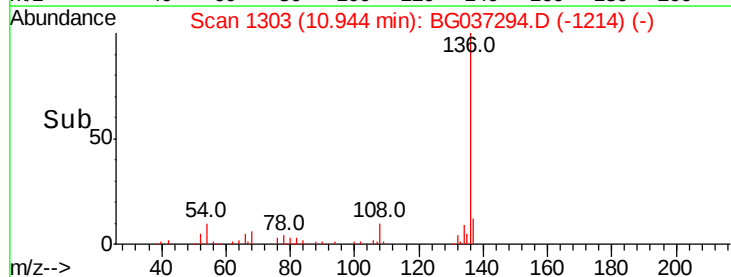
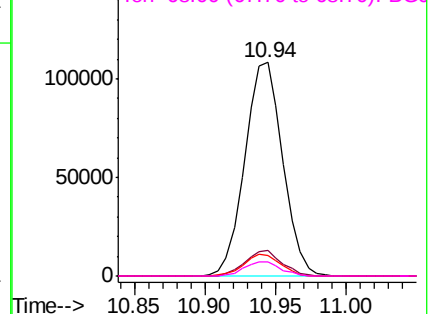
137 12.1 9.6 14.4

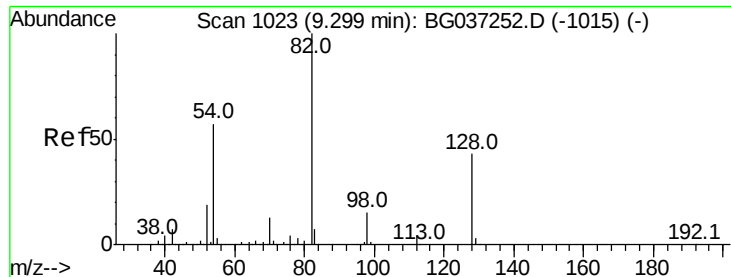
54 9.8 7.9 11.9

68 6.5 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

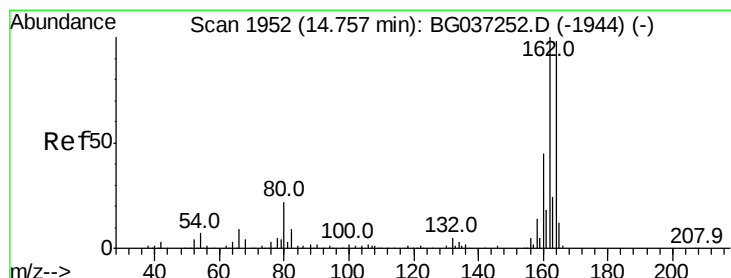
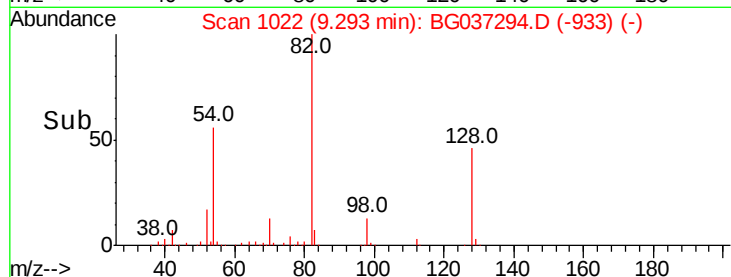
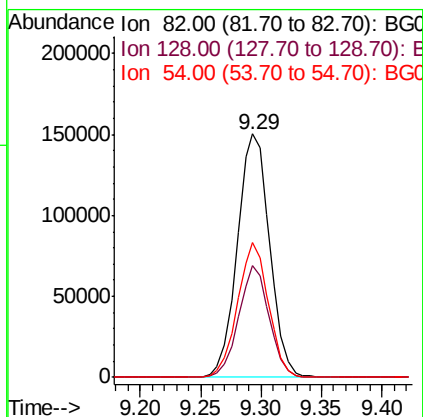
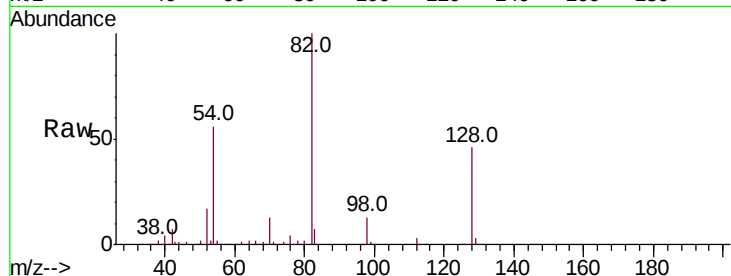




#23
 Nitrobenzene-d5
 Concen: 90.329 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037294.D
 Acq: 12 Oct 2018 17:01

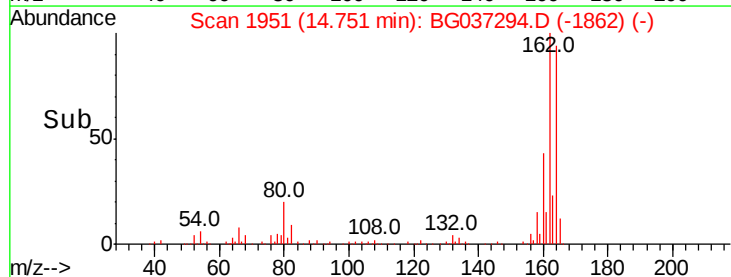
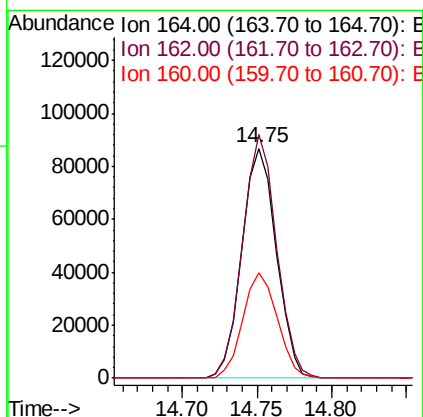
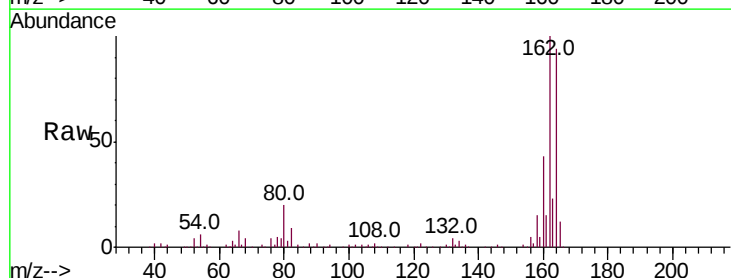
Instrument :
 BNA_G
 ClientSampleID :
 PB113784BL

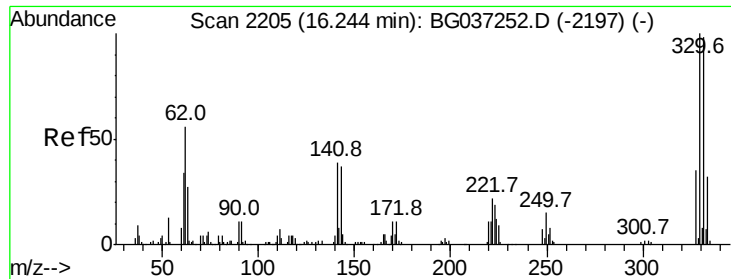
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	55.5	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG037294.D
 Acq: 12 Oct 2018 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.3	121.9
160	45.8	36.3	54.5

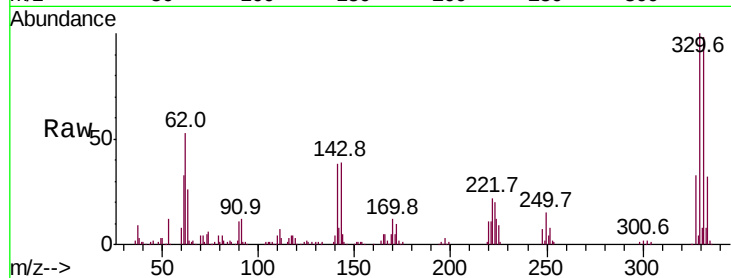




#42
 2,4,6-Tribromophenol
 Concen: 138.212 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037294.D
 Acq: 12 Oct 2018 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB113784BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	38.5	32.2	48.2

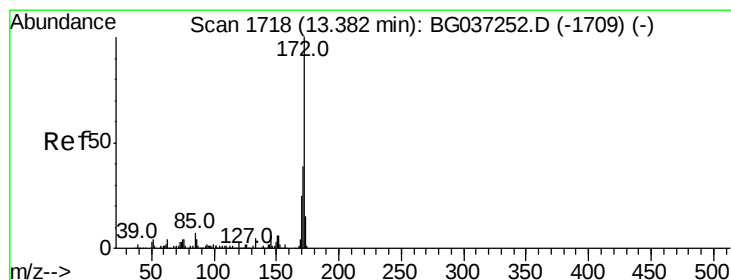
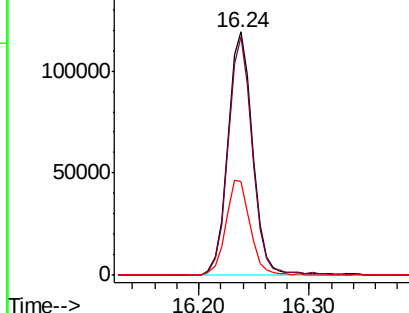
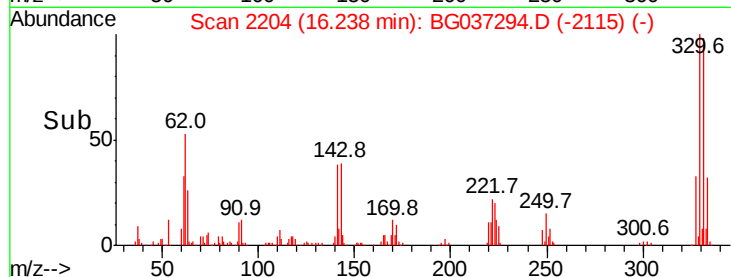


Abundance

Ion 329.80 (329.50 to 330.50): E

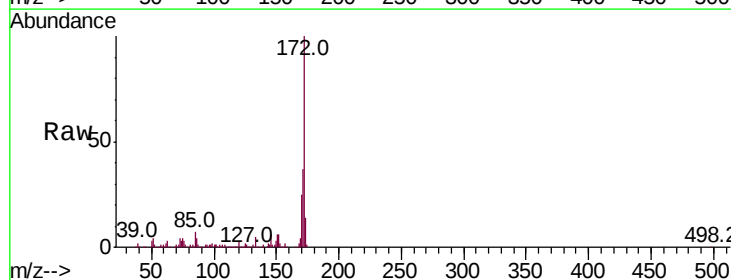
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.115 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037294.D
 Acq: 12 Oct 2018 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	25.3	20.2	30.2

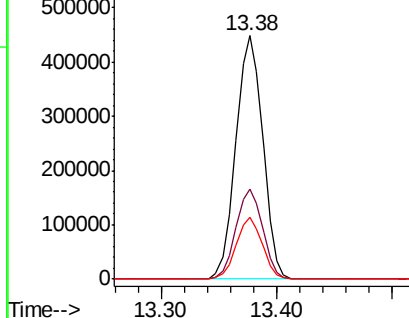
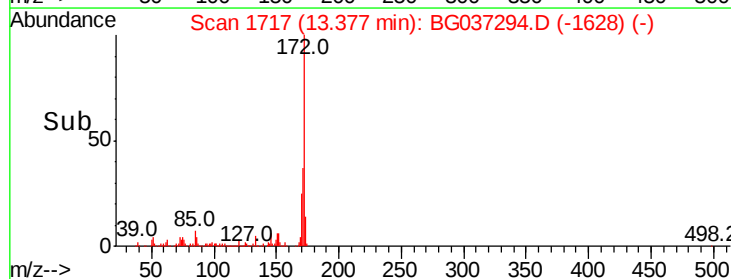


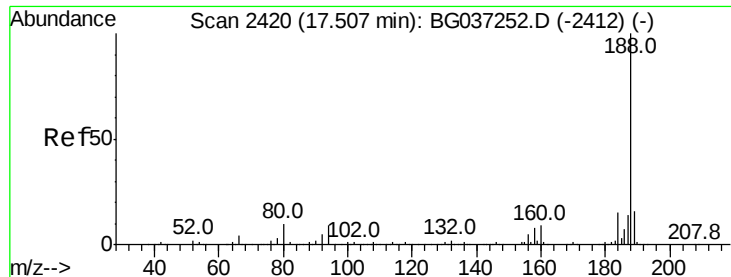
Abundance

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: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

Instrument :

BNA_G

ClientSampleId :

PB113784BL

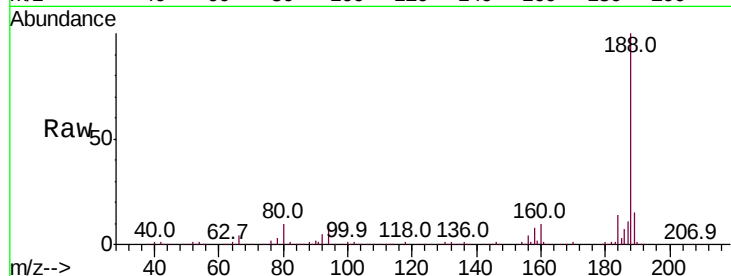
Tot Ion:188 Resp: 378564

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

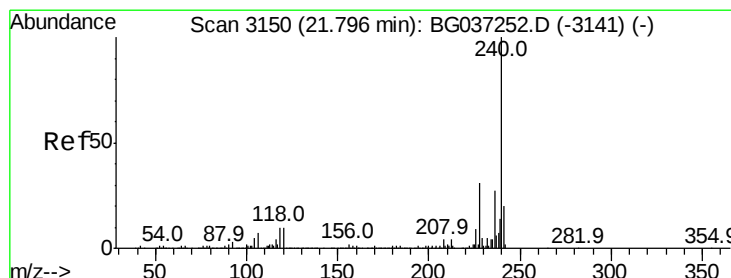
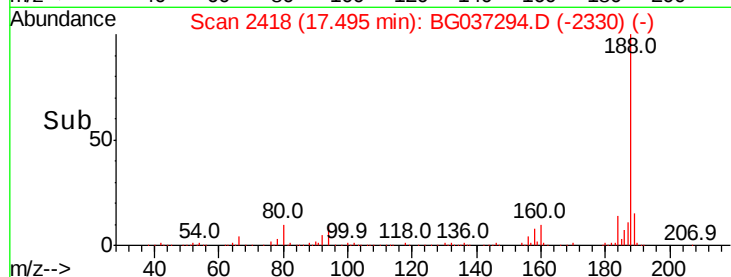
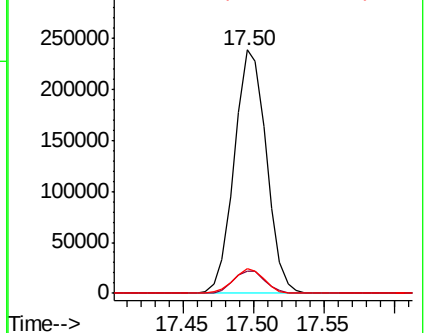
80 10.0 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

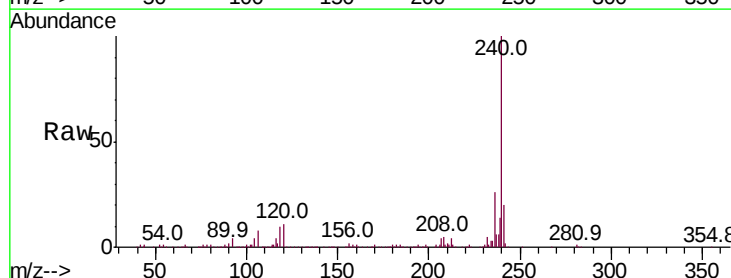
Tgt Ion:240 Resp: 380734

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

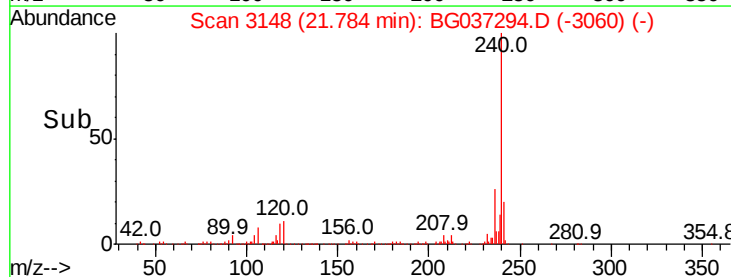
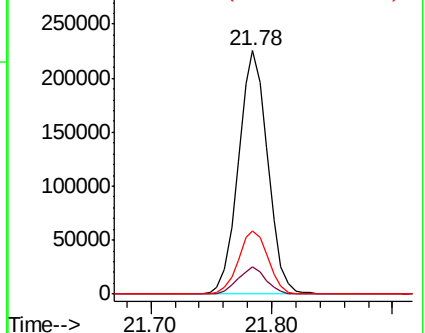
236 26.0 21.4 32.0

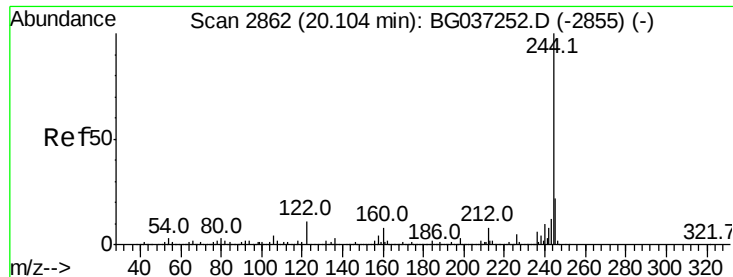


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.990 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

Instrument :

BNA_G

ClientSampleId :

PB113784BL

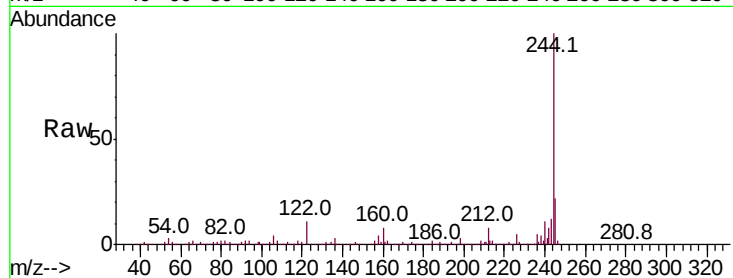
Tot Ion:244 Resp: 1341614

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

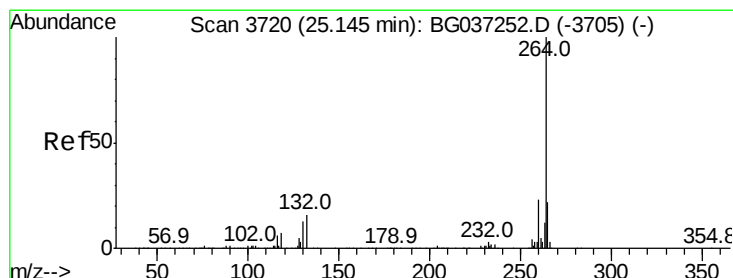
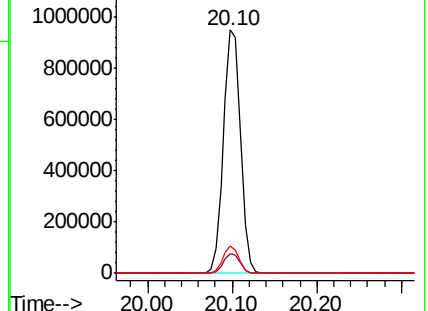
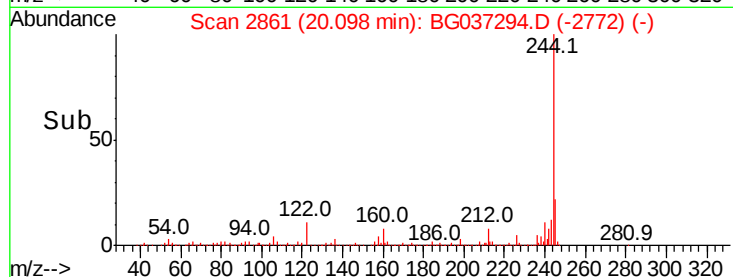
122 11.2 9.0 13.4



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: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037294.D

Acq: 12 Oct 2018 17:01

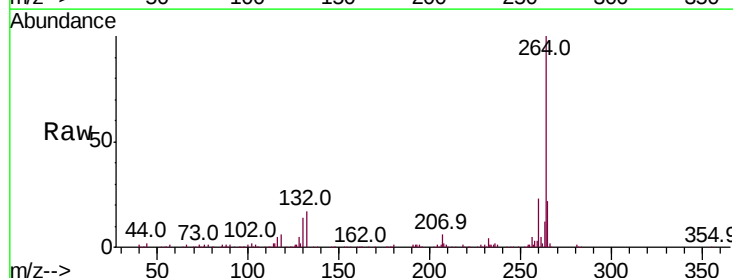
Tgt Ion:264 Resp: 375547

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.2 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

