

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037494.D
 Acq On : 24 Oct 2018 3:46
 Operator : JU/SJ
 Sample : J5603-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT102

Quant Time: Oct 24 08:48:23 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	8.11	152	67959	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	303157	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	203847	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	477822	20.00	ng	0.00
76) Chrysene-d12	21.77	240	420652	20.00	ng	0.00
87) Perylene-d12	25.11	264	419755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	231194	56.88	ng	0.00
7) Phenol-d6	7.24	99	216889	35.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	433129	80.04	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	261182	117.47	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1028615	76.09	ng	0.00
79) Terphenyl-d14	20.09	244	1530521	77.75	ng	0.00

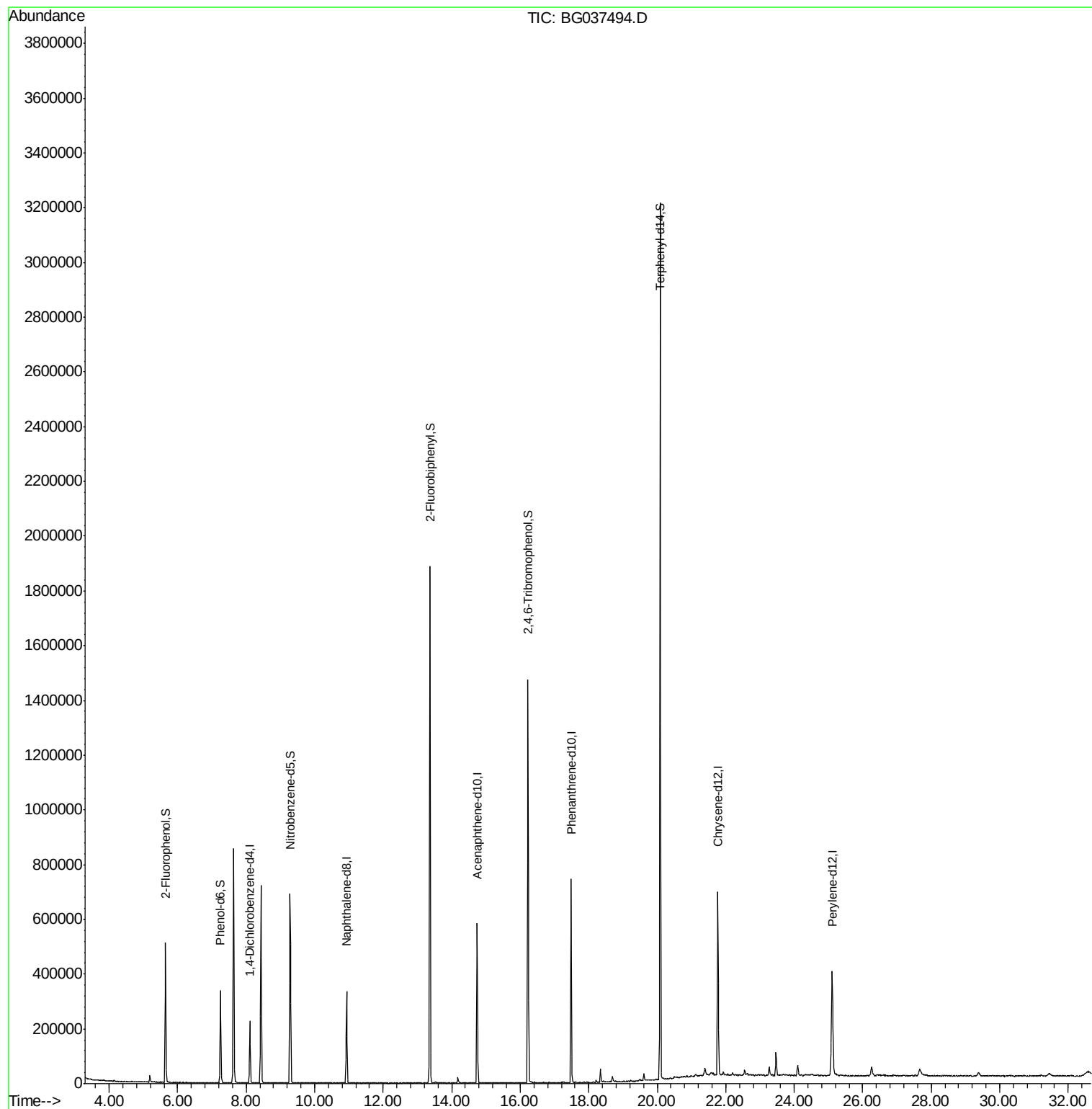
Target Compounds Qvalue

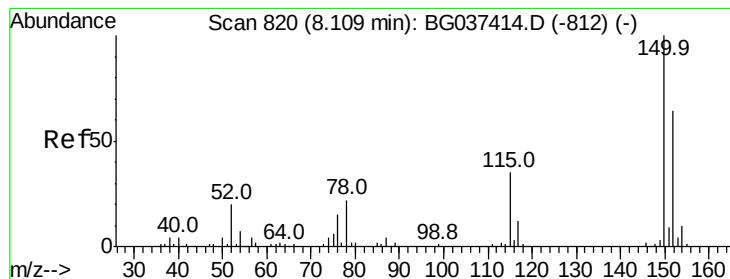
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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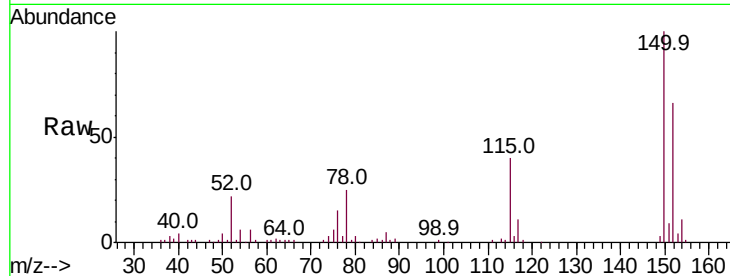


#1

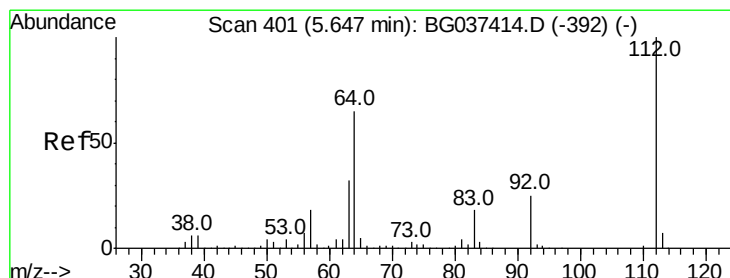
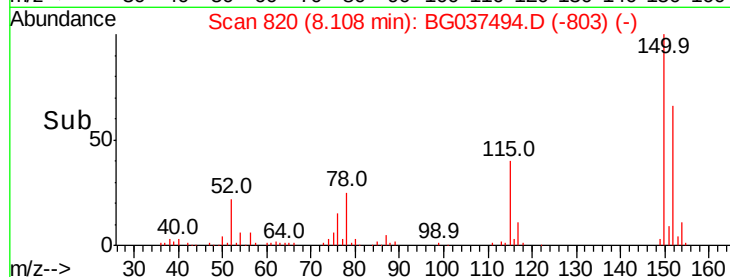
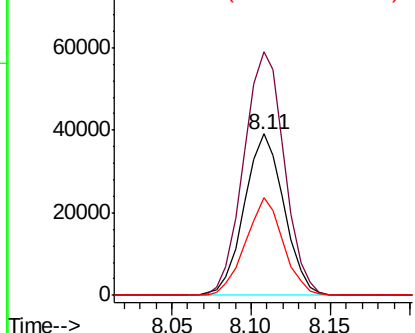
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037494.D
Acq: 24 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
RAV-GT102

Tot Ion:152 Resp: 67959
Ion Ratio Lower Upper
152 100
150 151.0 126.0 189.0
115 60.6 45.5 68.3



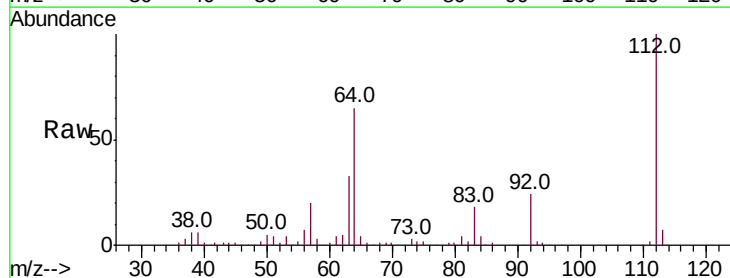
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



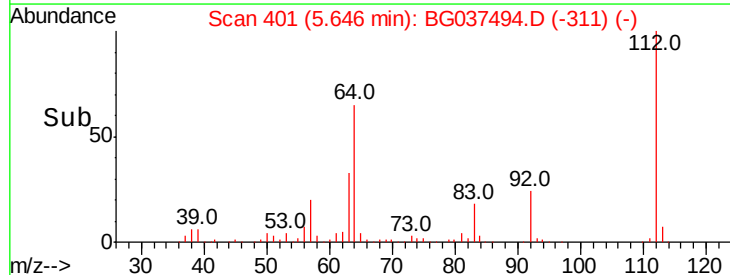
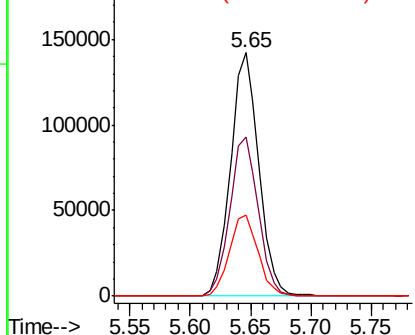
#5

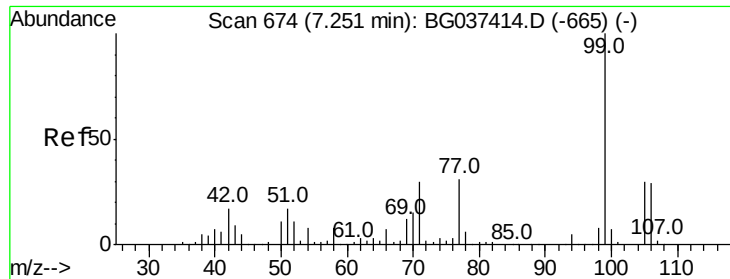
2-Fluorophenol
Concen: 56.876 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037494.D
Acq: 24 Oct 2018 3:46

Tgt Ion:112 Resp: 231194
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.1 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: 35.286 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

Instrument :

BNA_G

ClientSampleId :

RAV-GT102

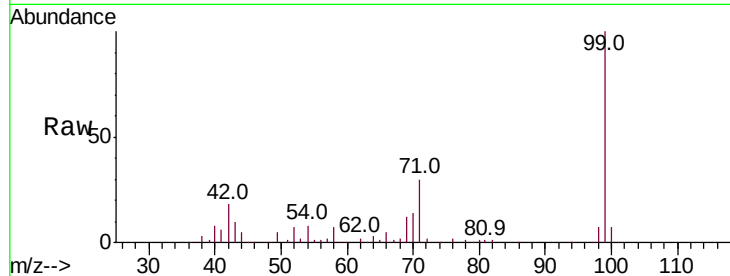
Tot Ion: 99 Resp: 216889

Ion Ratio Lower Upper

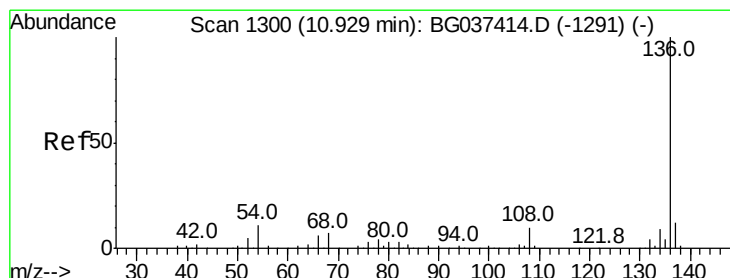
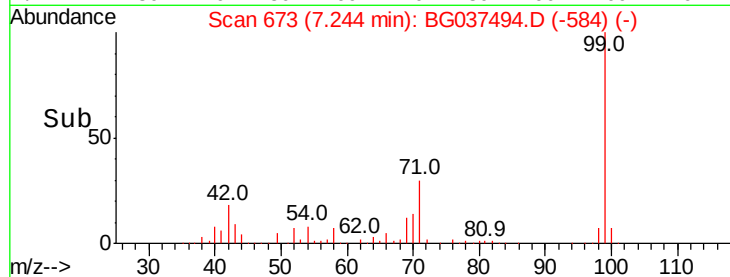
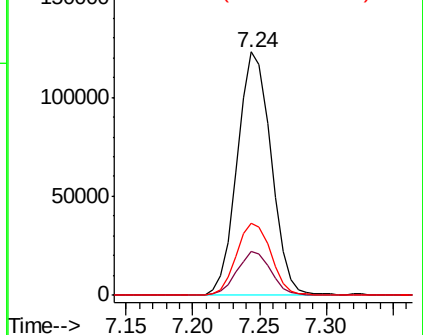
99 100

42 17.8 15.0 22.4

71 29.7 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: 10.93 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

Tgt Ion: 136 Resp: 303157

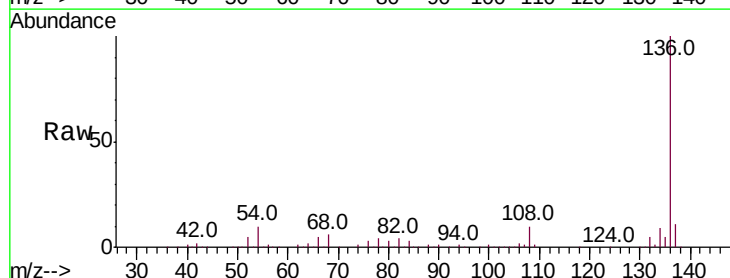
Ion Ratio Lower Upper

136 100

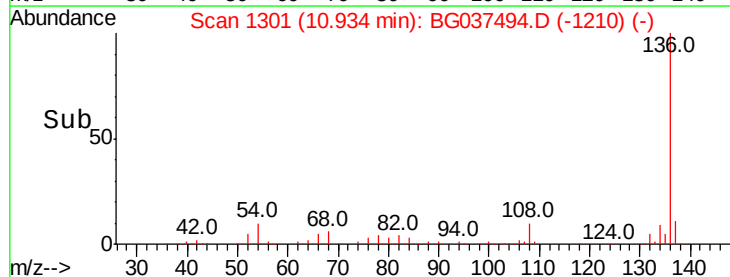
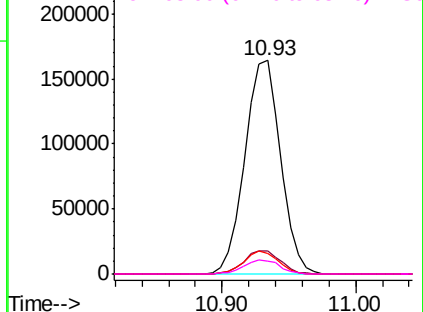
137 11.0 9.6 14.4

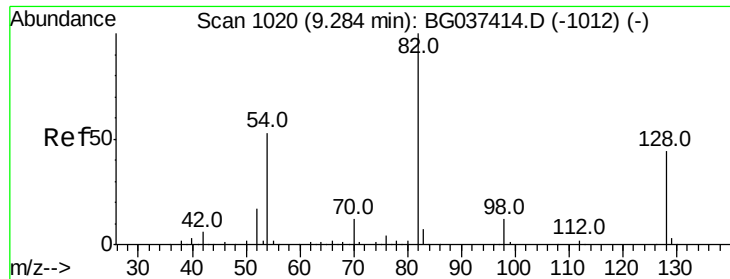
54 9.8 7.9 11.9

68 5.9 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

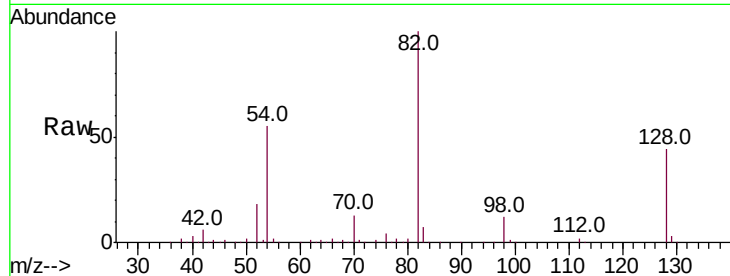




#23
Nitrobenzene-d5
Concen: 80.036 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037494.D
Acq: 24 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
RAV-GT102

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	55.0	45.3	67.9

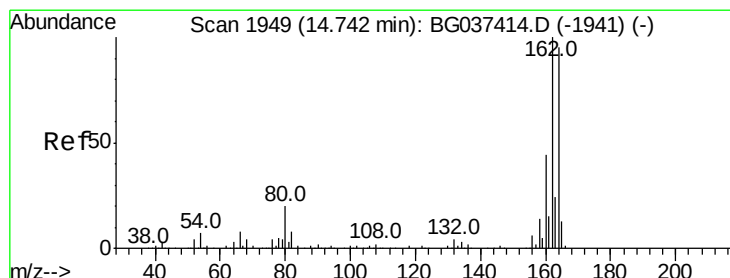
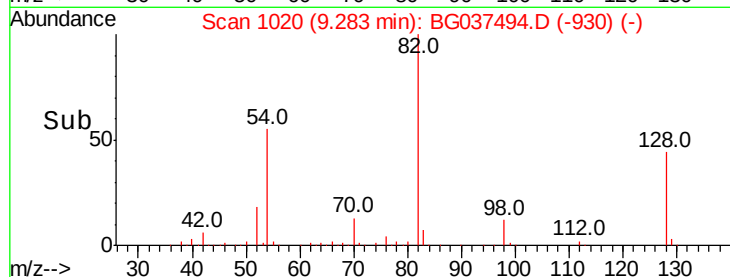
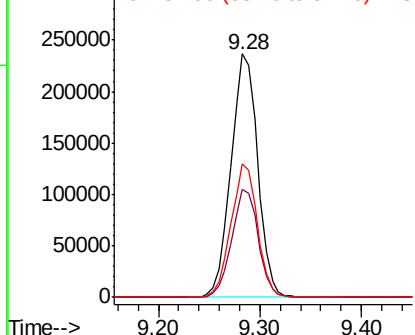


Abundance

Ion 82.00 (81.70 to 82.70): BGC

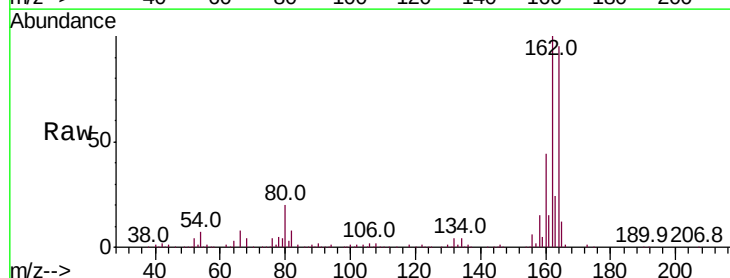
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037494.D
Acq: 24 Oct 2018 3:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	46.1	36.3	54.5

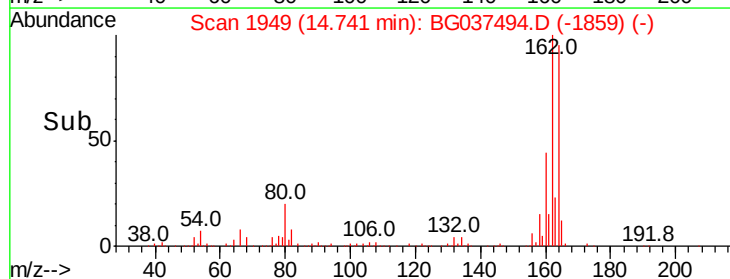
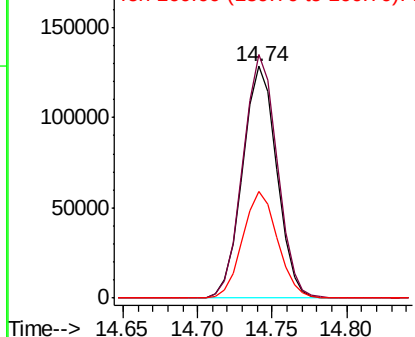


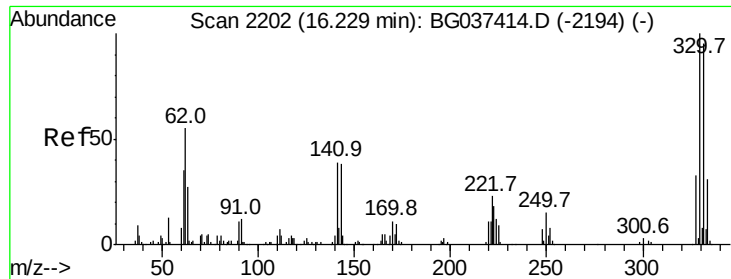
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

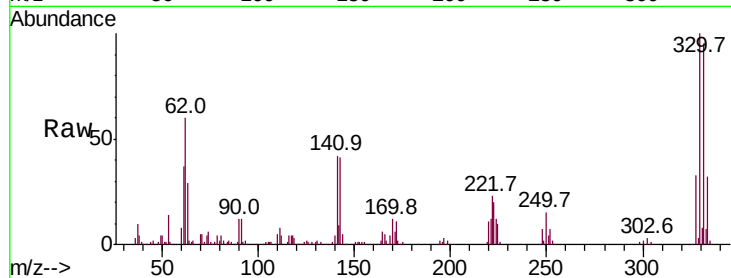




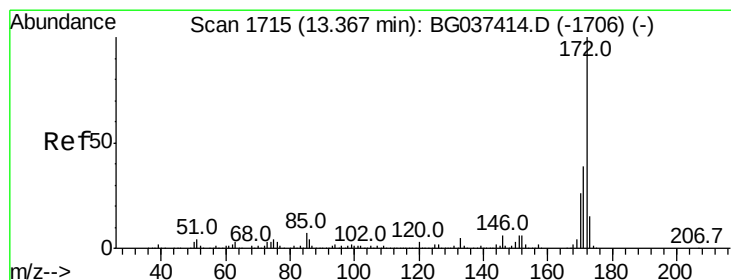
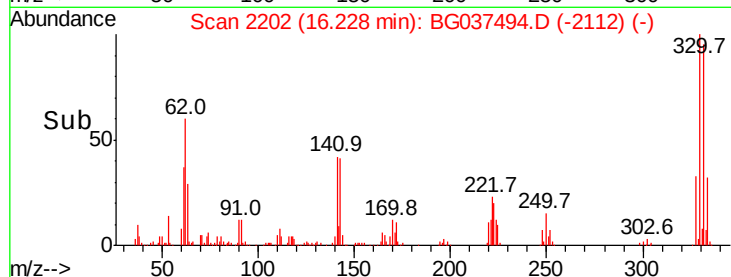
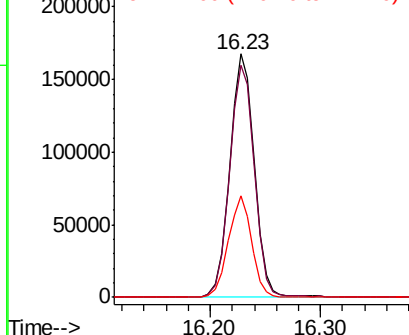
#42
 2,4,6-Tribromophenol
 Concen: 117.473 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037494.D
 Acq: 24 Oct 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT102

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	40.0	32.2	48.2

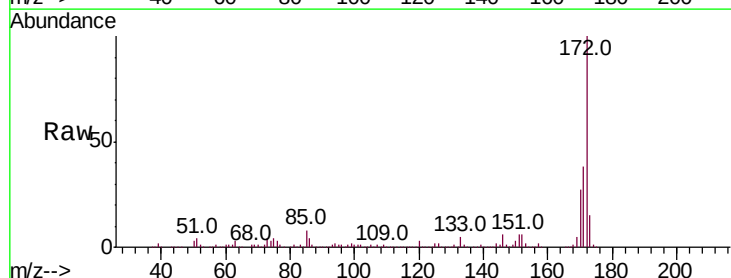


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

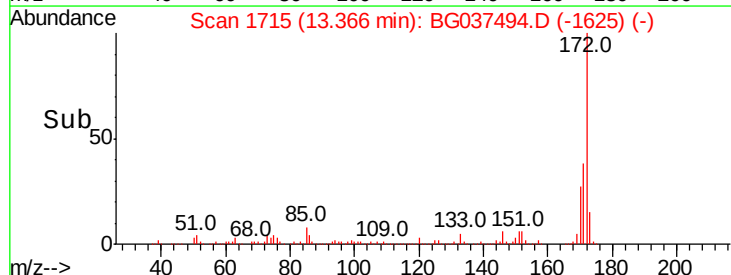
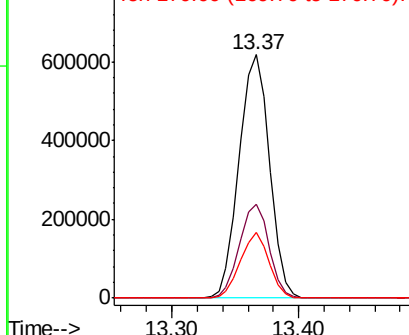


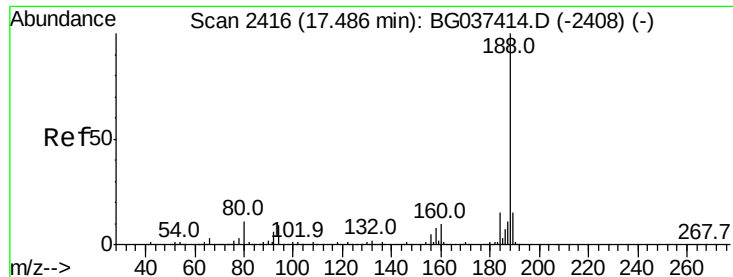
#45
 2-Fluorobiphenyl
 Concen: 76.091 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037494.D
 Acq: 24 Oct 2018 3:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	26.7	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# 2416

Delta R.T. -0.00 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

Instrument :

BNA_G

ClientSampleId :

RAV-GT102

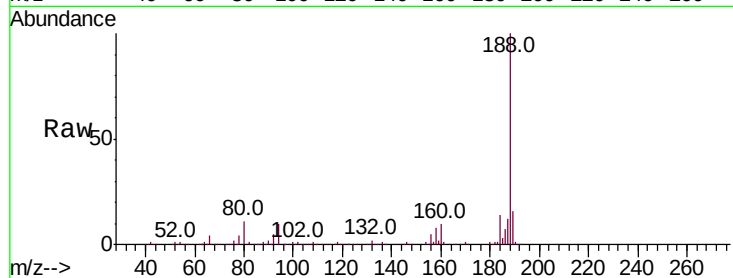
Tot Ion:188 Resp: 477822

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

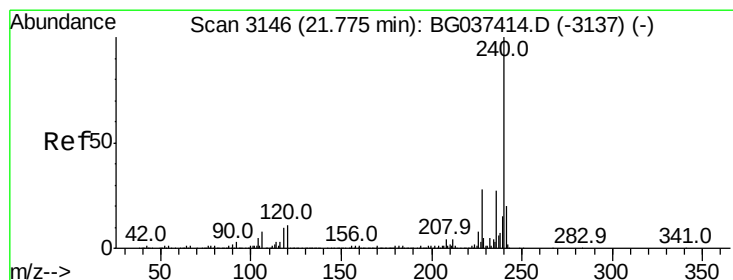
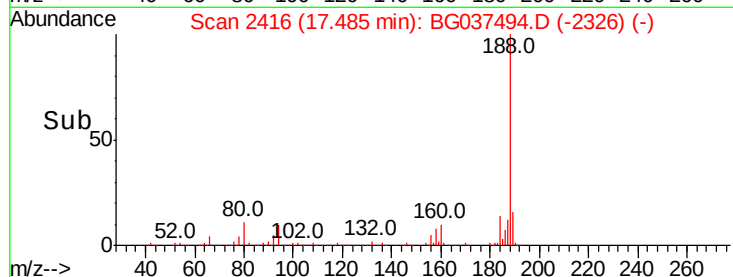
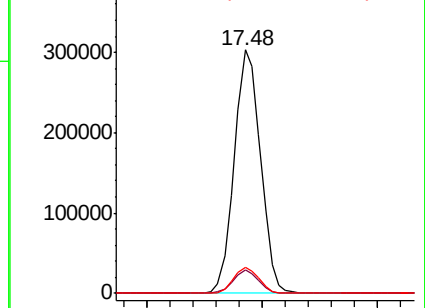
80 10.9 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

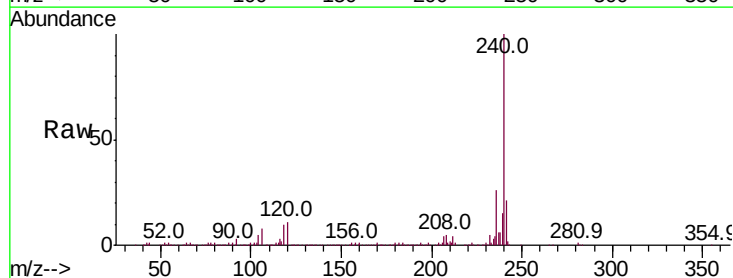
Tgt Ion:240 Resp: 420652

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

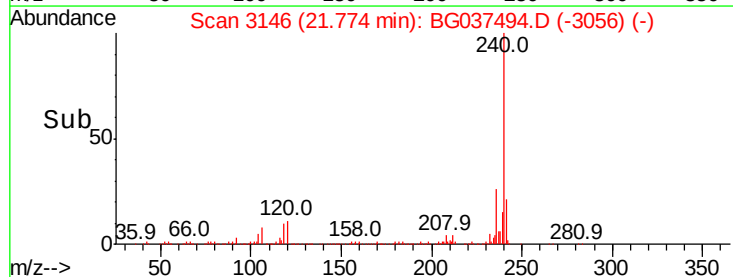
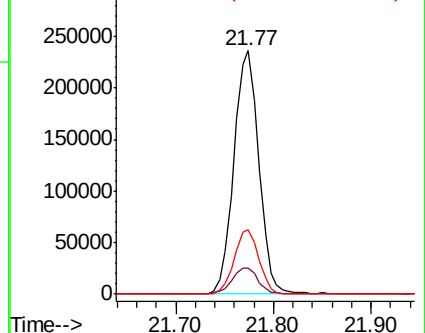
236 26.2 21.4 32.0

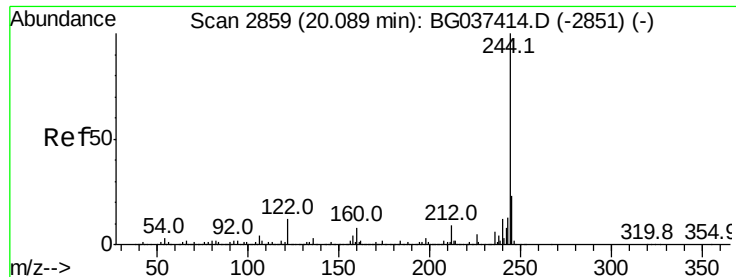


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.745 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

Instrument :

BNA_G

ClientSampleId :

RAV-GT102

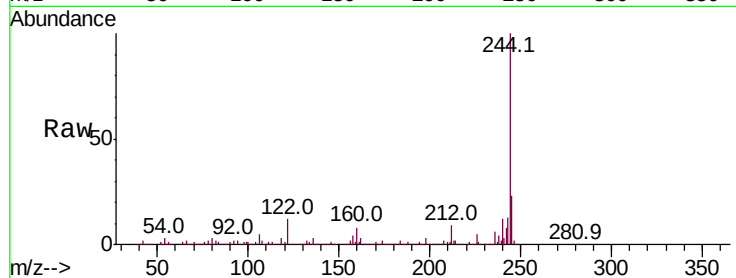
Tot Ion:244 Resp: 1530521

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

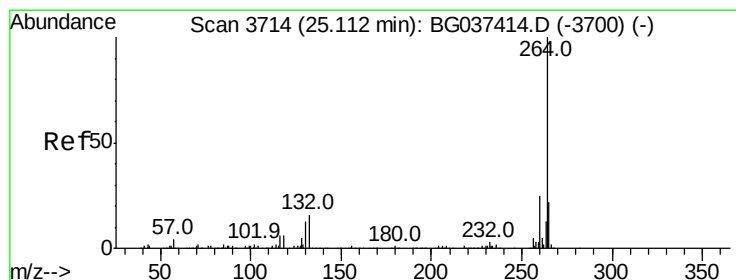
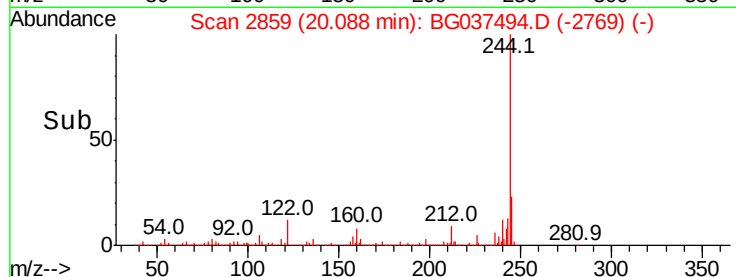
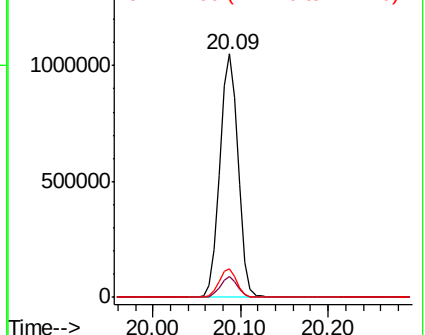
122 12.0 9.0 13.4



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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037494.D

Acq: 24 Oct 2018 3:46

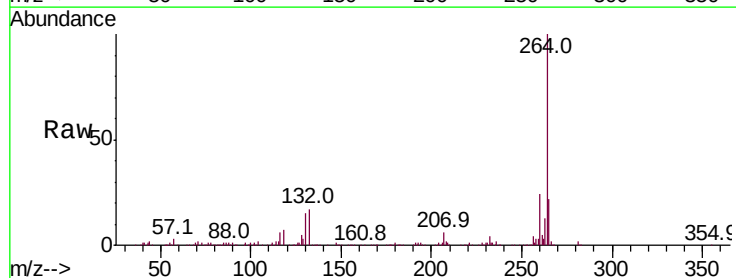
Tgt Ion:264 Resp: 419755

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.9 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

