

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038892.D
 Acq On : 29 Dec 2018 3:01
 Operator : JU/SJ
 Sample : PB116049BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BL

Quant Time: Dec 29 04:40:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19383	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	85176	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70620	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	179351	20.00	ng	0.00
76) Chrysene-d12	21.72	240	187056	20.00	ng	0.00
87) Perylene-d12	25.02	264	197246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	147363	134.85	ng	0.00
7) Phenol-d6	7.22	99	221540	147.67	ng	0.01
23) Nitrobenzene-d5	9.24	82	115538	69.30	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	83501	85.79	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	364906	70.89	ng	0.00
79) Terphenyl-d14	20.04	244	723703	84.20	ng	0.00

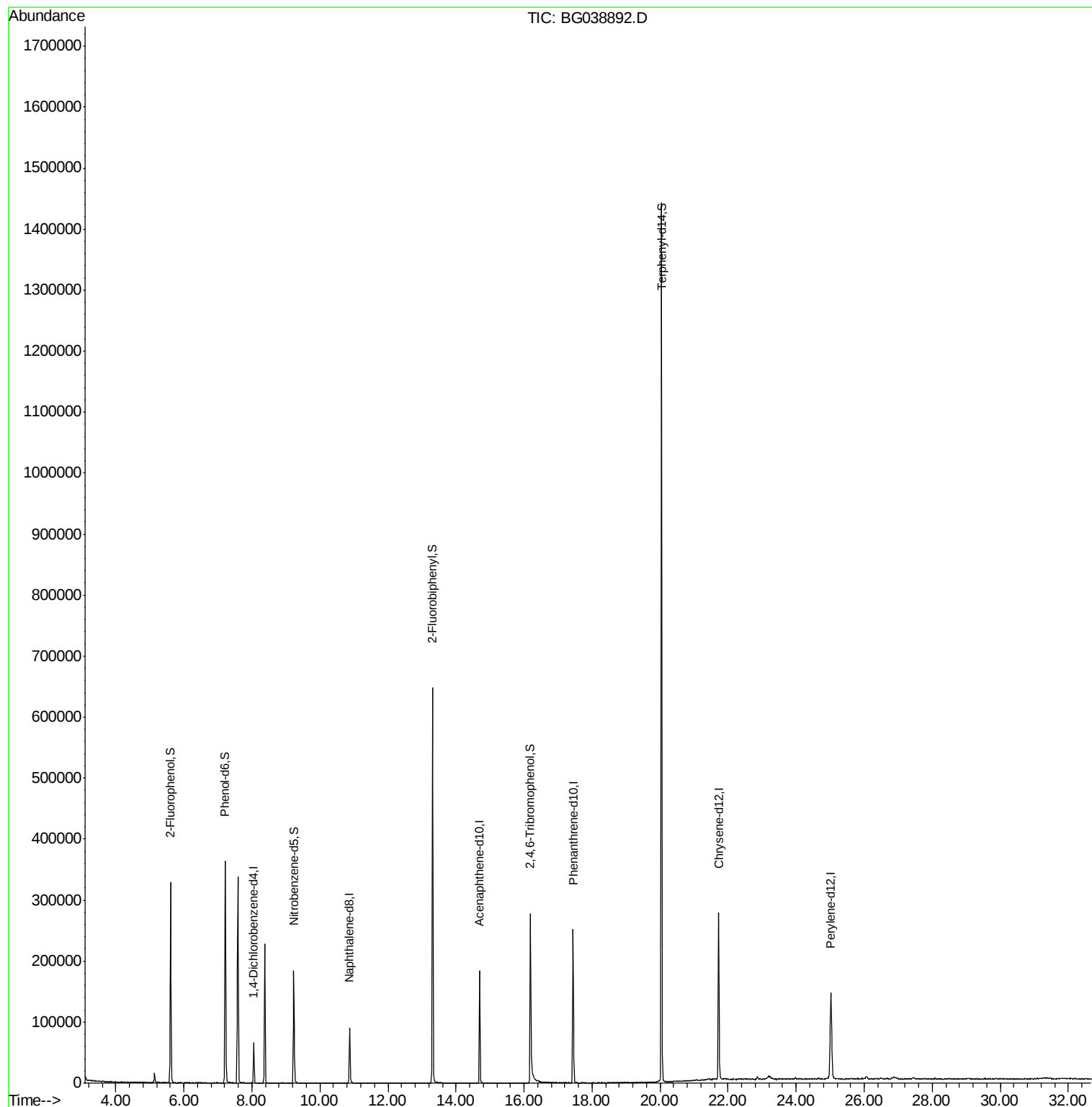
Target Compounds Qvalue

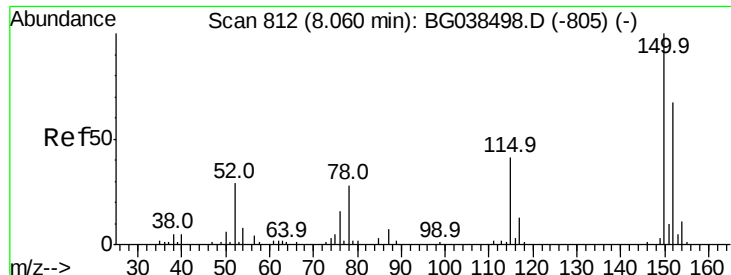
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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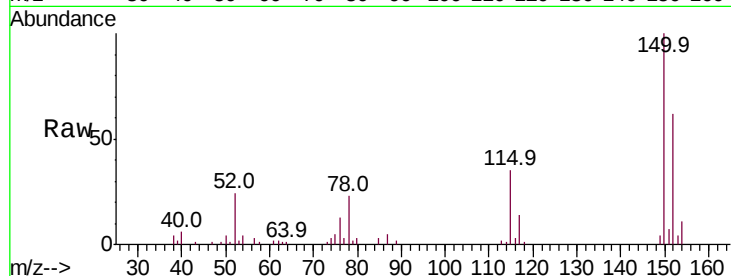


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038892.D
Acq: 29 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB116049BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	119.5	179.3
115	56.4	49.6	74.4

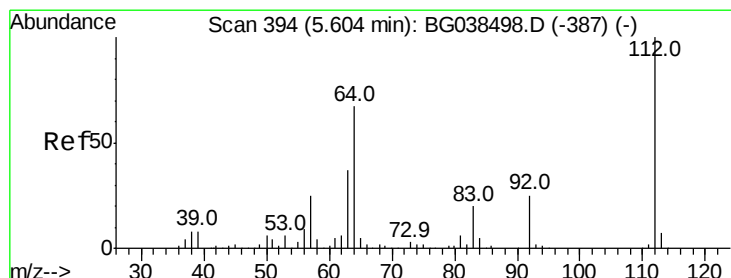
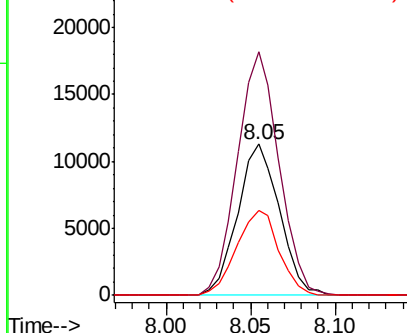
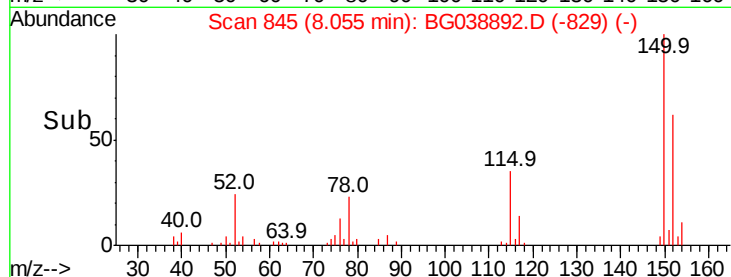


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

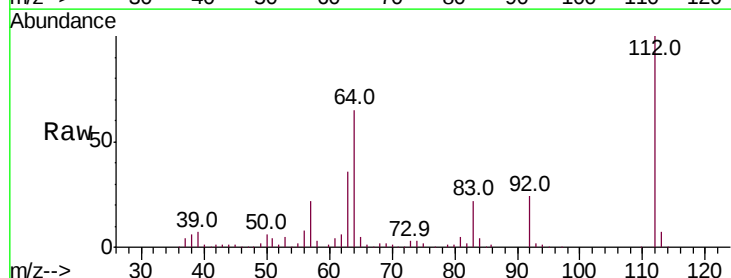
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.845 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038892.D
Acq: 29 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.4	80.2
63	35.9	29.3	43.9

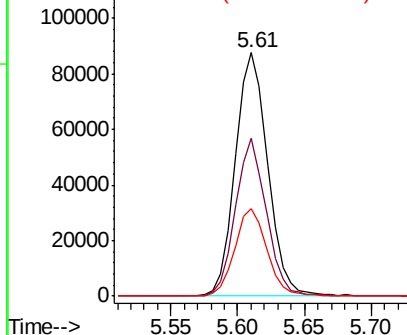
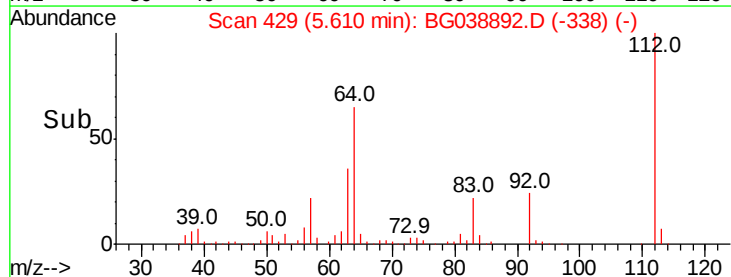


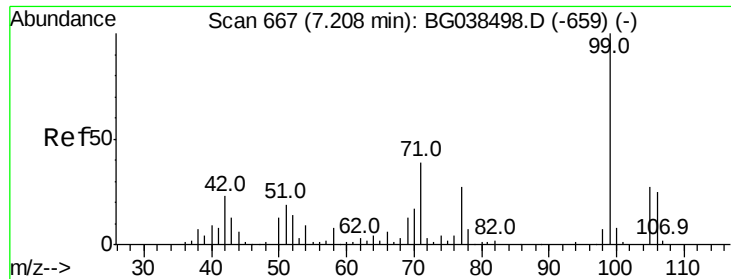
Abundance

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: 147.669 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB116049BL

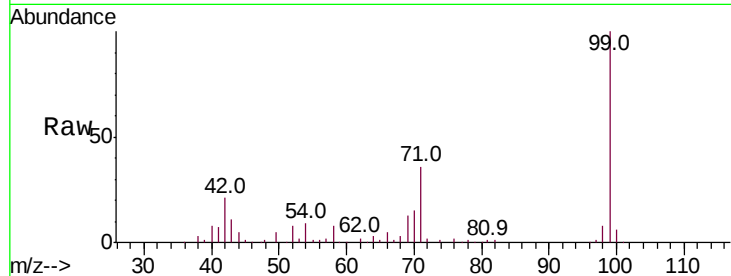
Tot Ion: 99 Resp: 221540

Ion Ratio Lower Upper

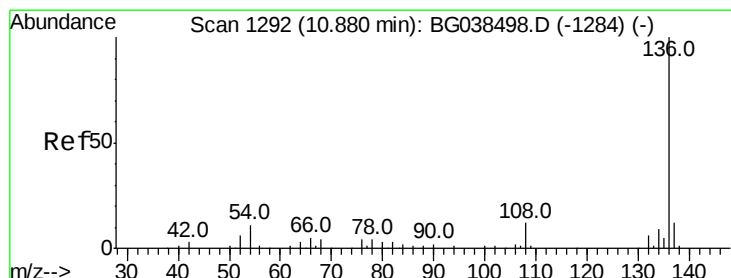
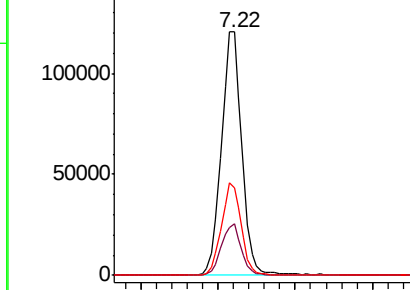
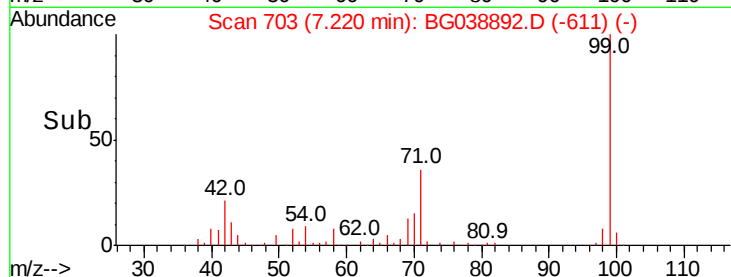
99 100

42 21.0 18.5 27.7

71 35.8 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

Tgt Ion: 136 Resp: 85176

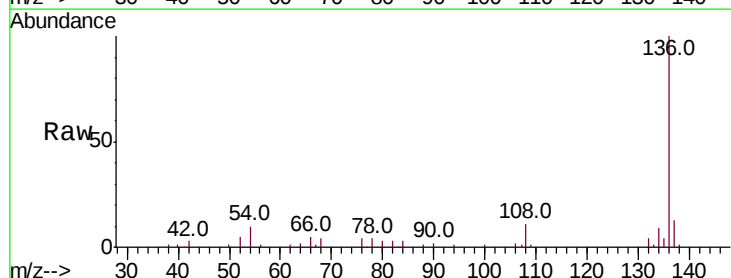
Ion Ratio Lower Upper

136 100

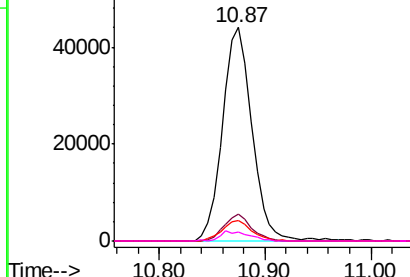
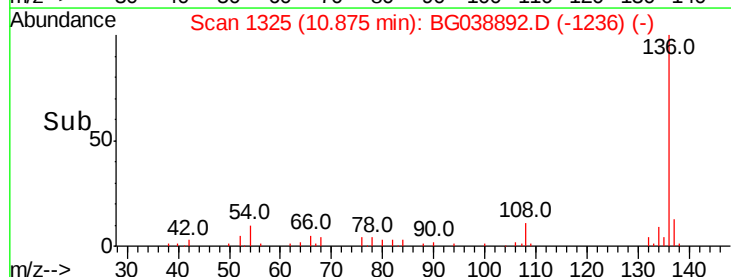
137 12.9 9.3 13.9

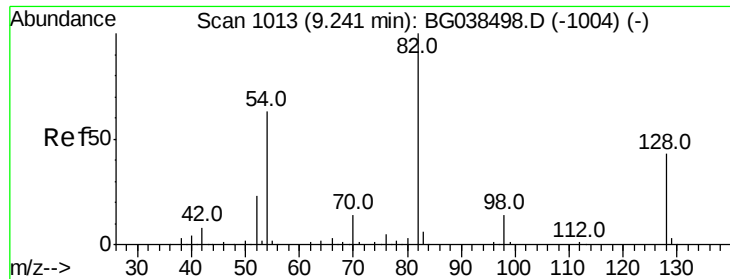
54 9.6 8.5 12.7

68 4.4 3.5 5.3



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: 69.298 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB116049BL

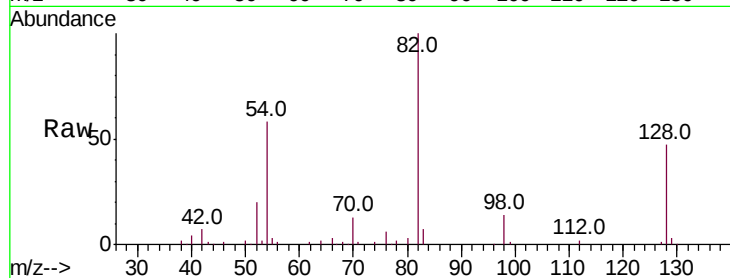
Tot Ion: 82 Resp: 115538

Ion Ratio Lower Upper

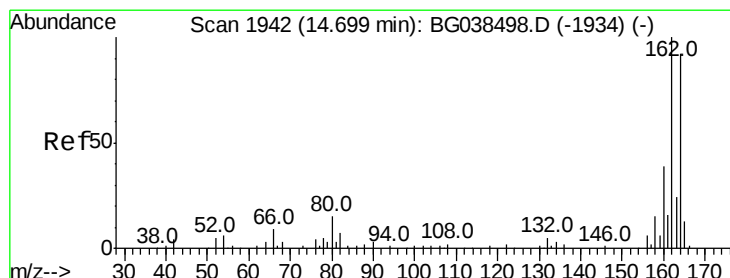
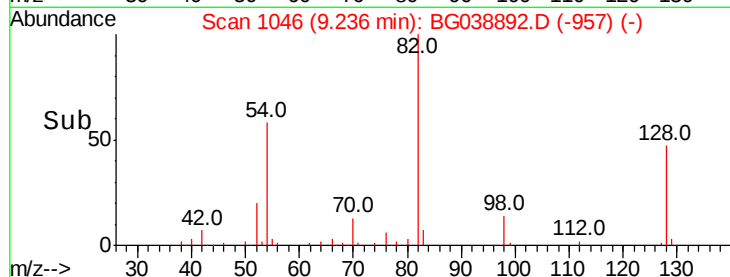
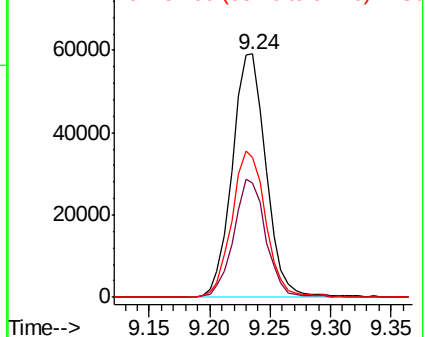
82 100

128 47.0 34.6 52.0

54 57.6 50.6 76.0



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: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

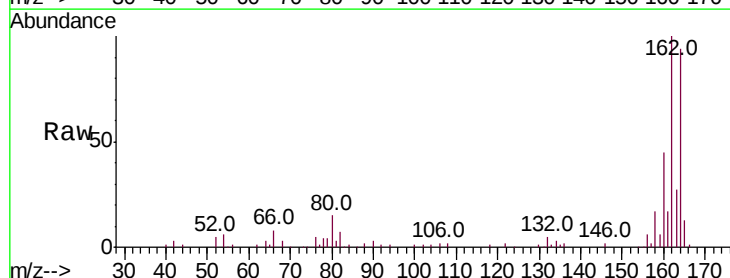
Tgt Ion:164 Resp: 70620

Ion Ratio Lower Upper

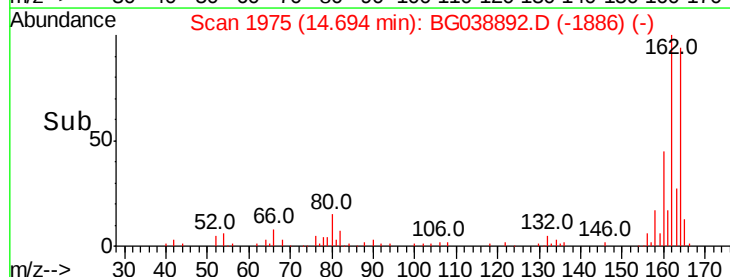
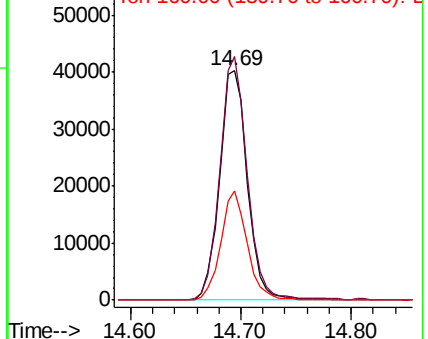
164 100

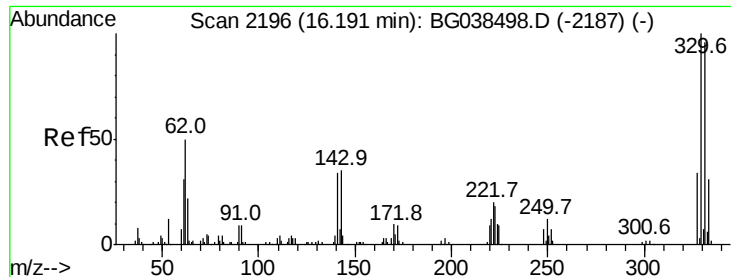
162 106.2 86.6 130.0

160 47.8 34.2 51.2



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

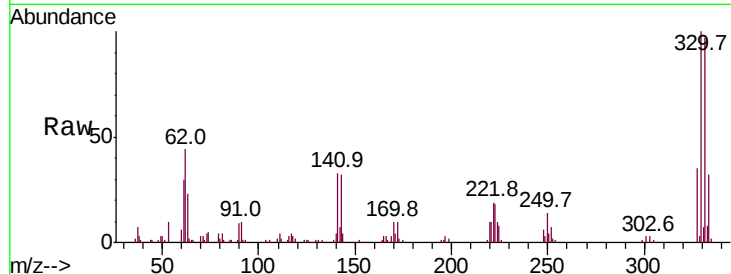




#42
 2,4,6-Tribromophenol
 Concen: 85.794 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038892.D
 Acq: 29 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	31.7	28.8	43.2

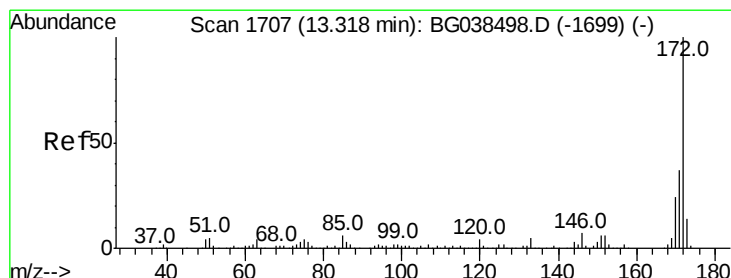
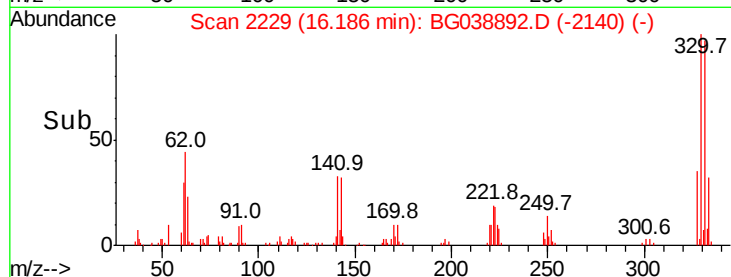
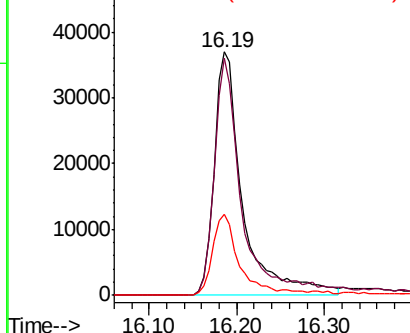


Abundance

Ion 329.80 (329.50 to 330.50): E

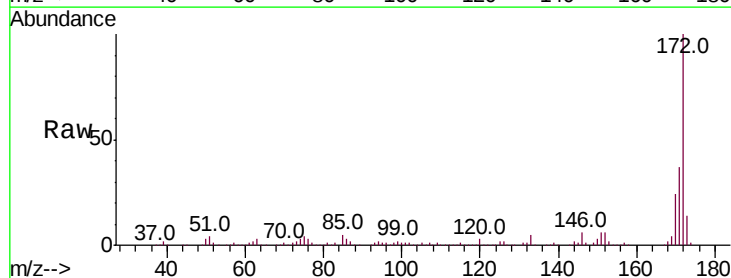
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.886 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038892.D
 Acq: 29 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.5	19.5	29.3

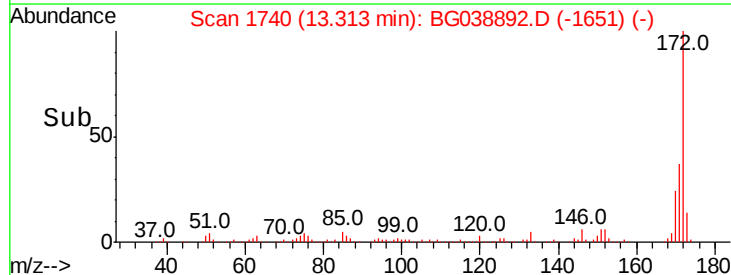
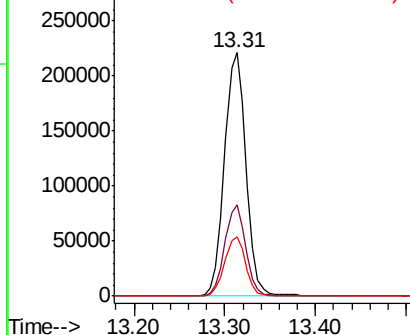


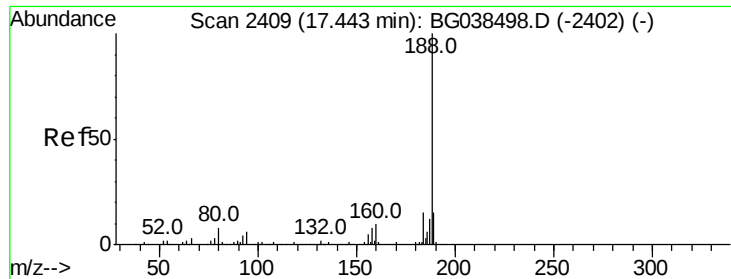
Abundance

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB116049BL

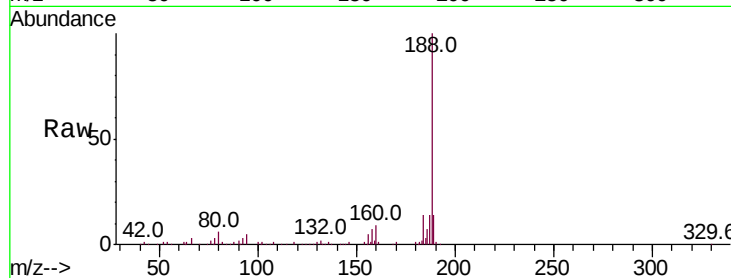
Tot Ion:188 Resp: 179351

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

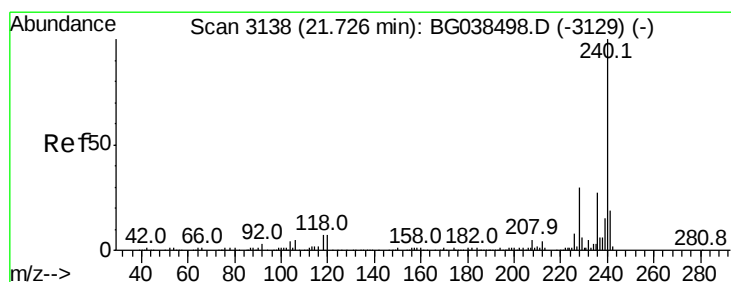
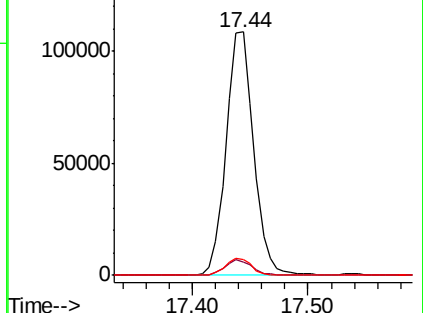
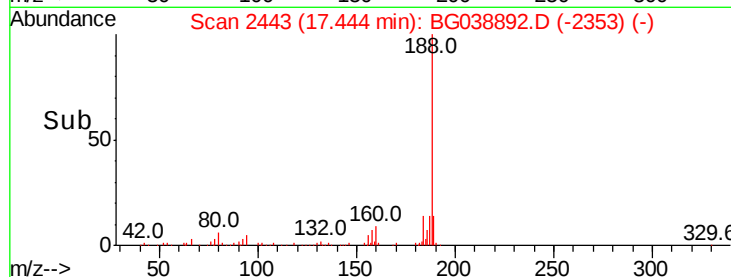
80 6.5 6.1 9.1



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

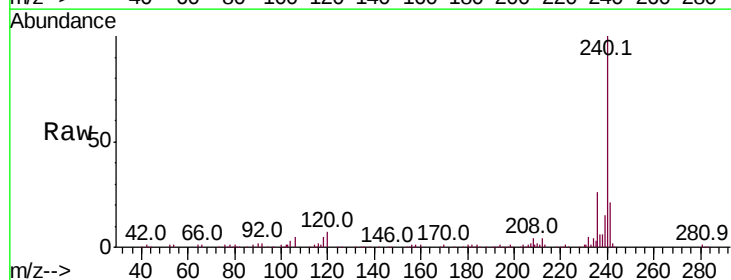
Tgt Ion:240 Resp: 187056

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

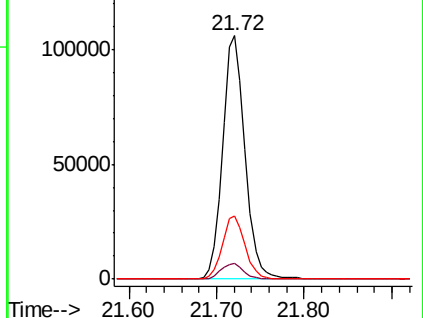
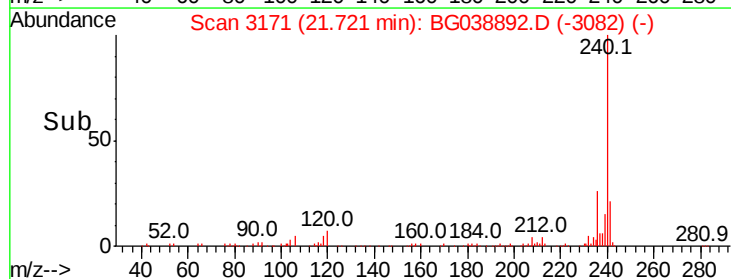
236 25.9 21.4 32.2

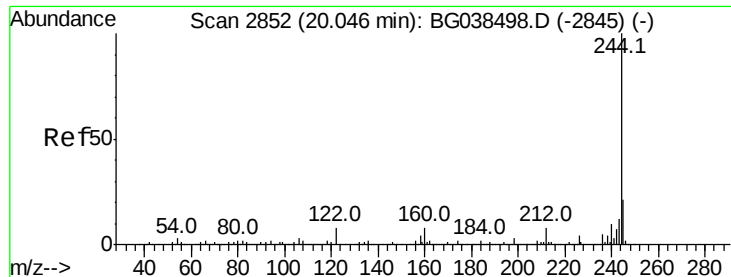


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.200 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB116049BL

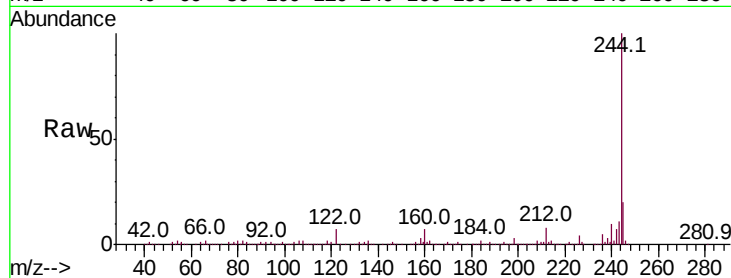
Tot Ion:244 Resp: 723703

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

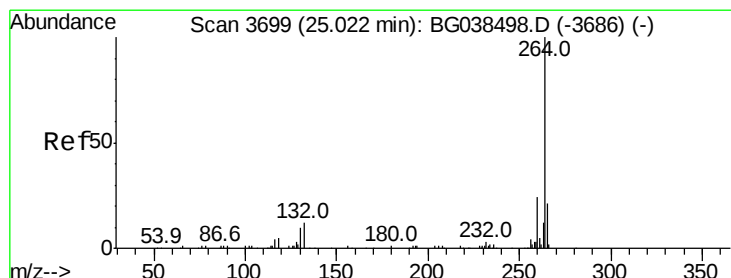
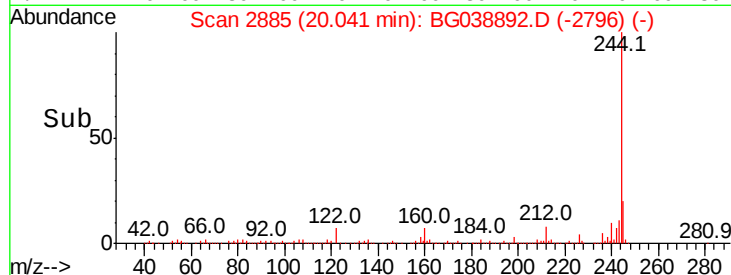
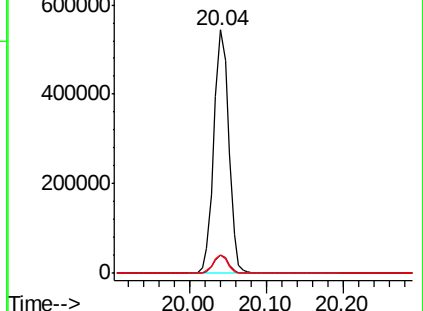
122 7.4 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038892.D

Acq: 29 Dec 2018 3:01

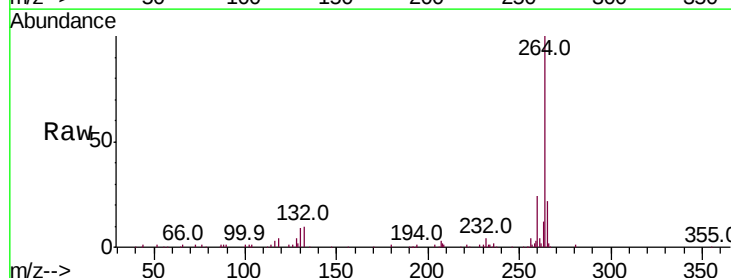
Tgt Ion:264 Resp: 197246

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.0 25.4



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

