

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038718.D
 Acq On : 19 Dec 2018 7:50
 Operator : JU/SJ
 Sample : PB115763TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115763TB

Quant Time: Dec 19 10:15:58 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	23016	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	93166	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	65812	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	176040	20.00	ng	0.00
76) Chrysene-d12	21.72	240	193320	20.00	ng	0.00
87) Perylene-d12	25.02	264	197095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	158070	121.81	ng	0.00
7) Phenol-d6	7.21	99	215153	120.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	129763	71.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	96002	105.84	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	348177	72.58	ng	0.00
79) Terphenyl-d14	20.04	244	747584	84.16	ng	0.00

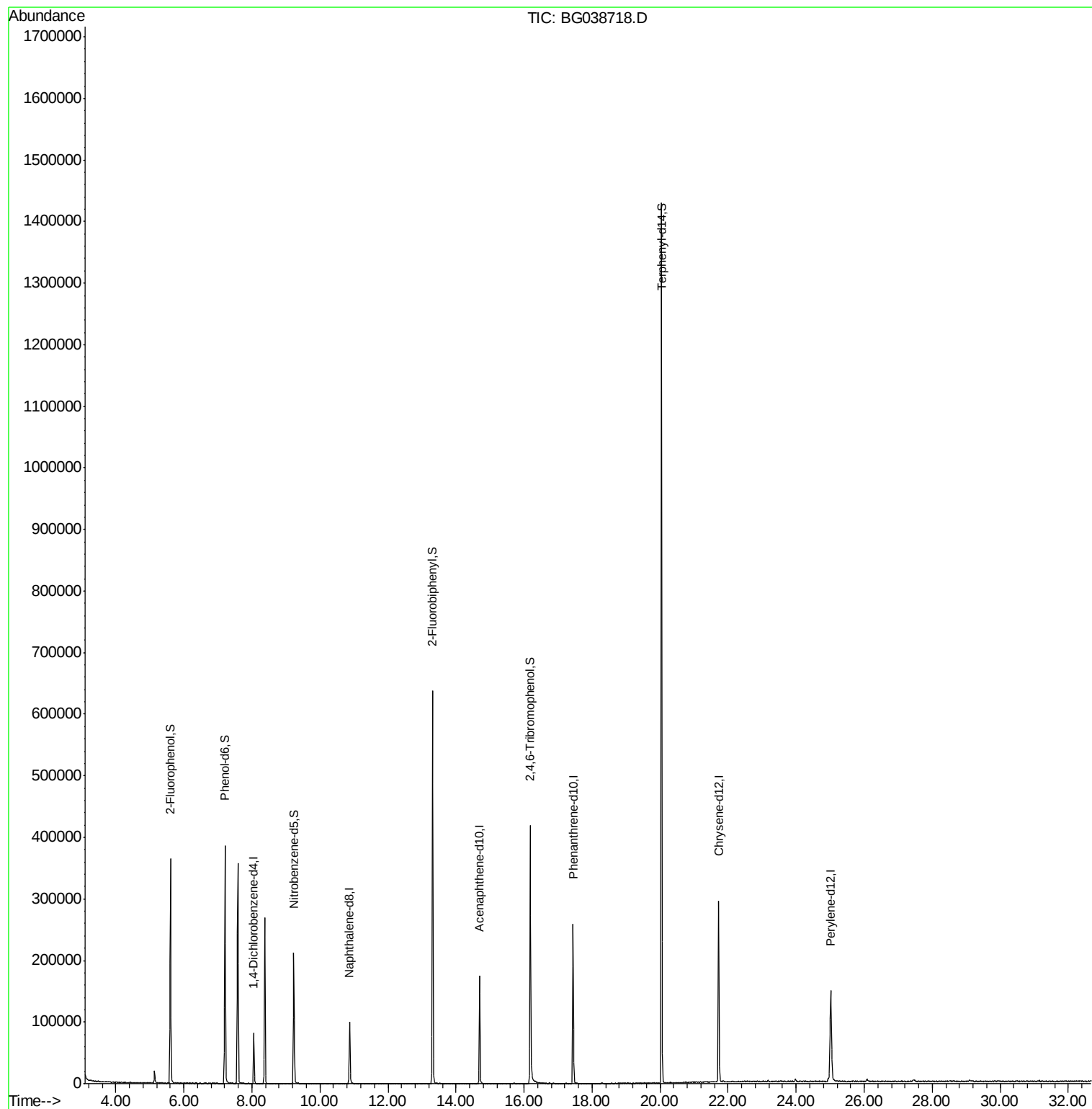
Target Compounds Qvalue

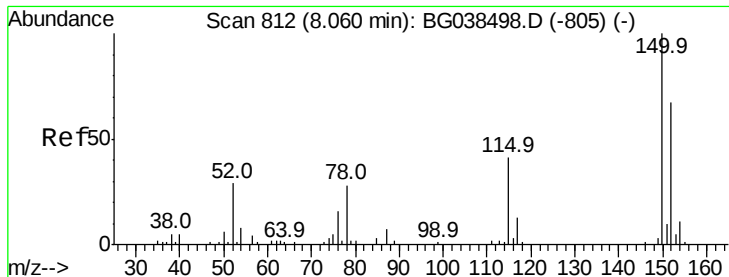
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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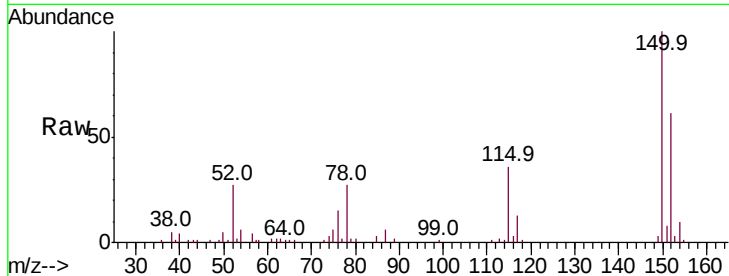


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038718.D
Acq: 19 Dec 2018 7:50

Instrument :
BNA_G
ClientSampleId :
PB115763TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	119.5	179.3
115	59.0	49.6	74.4

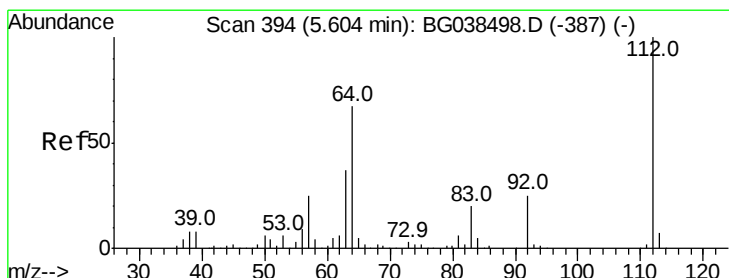
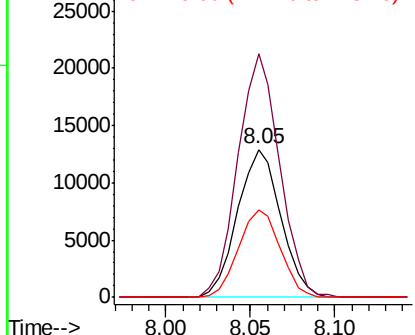
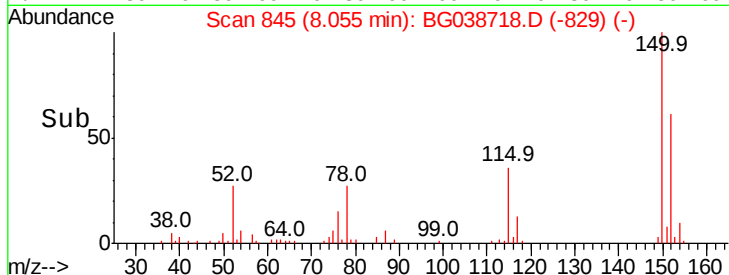


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

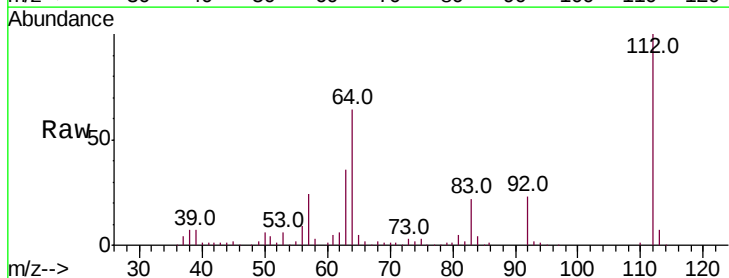
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.811 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038718.D
Acq: 19 Dec 2018 7:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.4	80.2
63	35.7	29.3	43.9

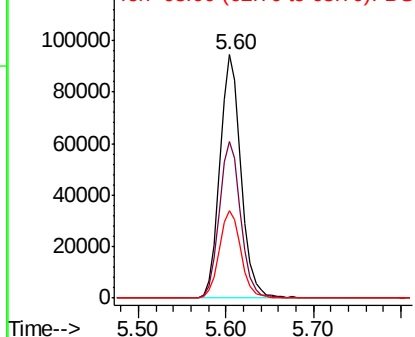
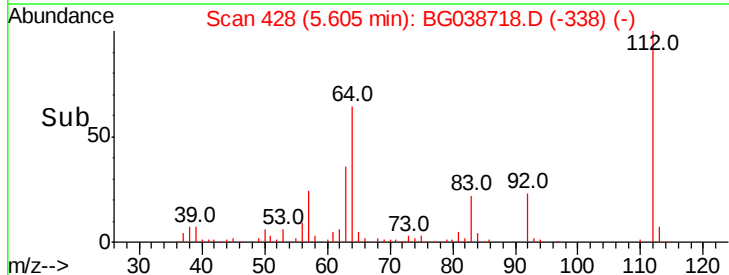


Abundance

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: 120.775 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038718.D

Acq: 19 Dec 2018 7:50

Instrument :

BNA_G

ClientSampleId :

PB115763TB

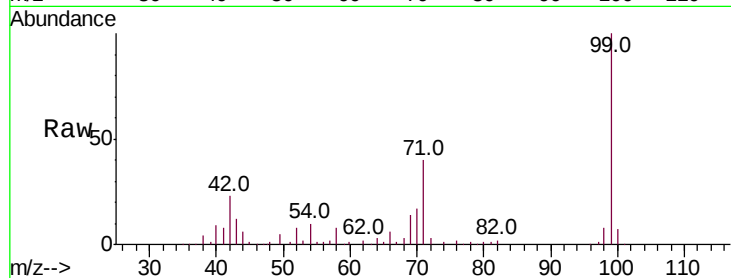
Tot Ion: 99 Resp: 215153

Ion Ratio Lower Upper

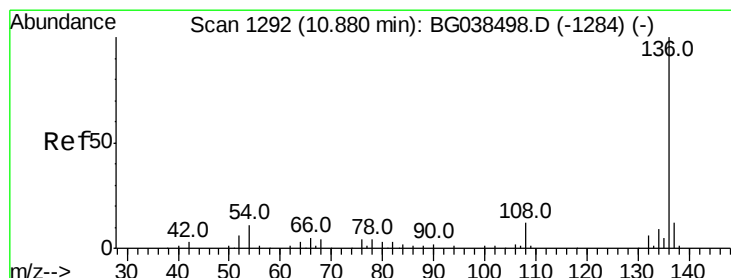
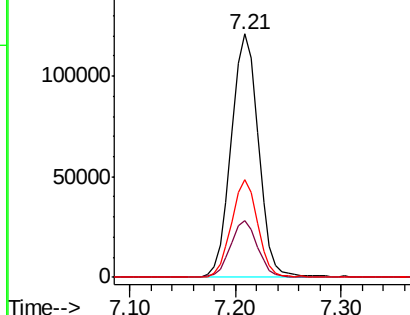
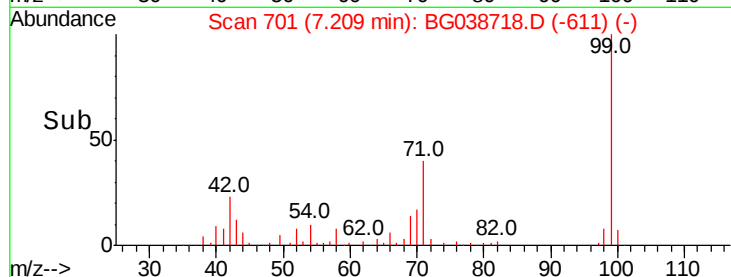
99 100

42 23.4 18.5 27.7

71 39.9 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. -0.00 min

Lab File: BG038718.D

Acq: 19 Dec 2018 7:50

Tgt Ion: 136 Resp: 93166

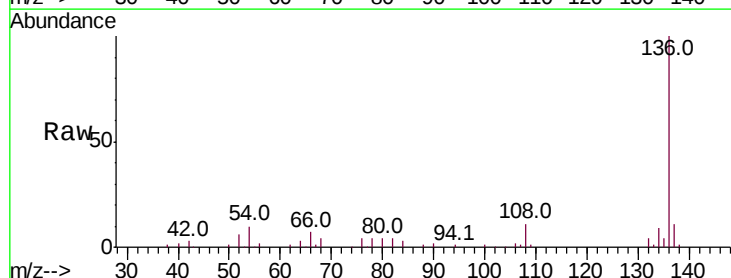
Ion Ratio Lower Upper

136 100

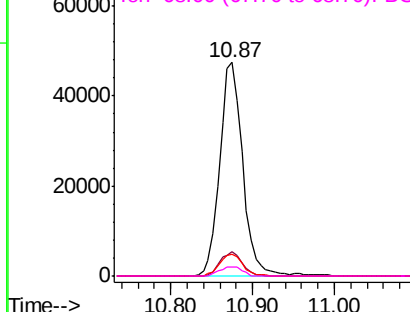
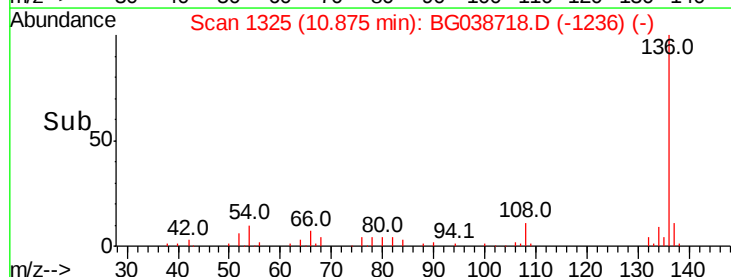
137 11.4 9.3 13.9

54 10.0 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

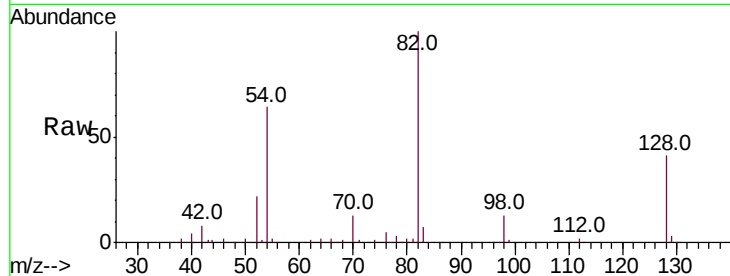




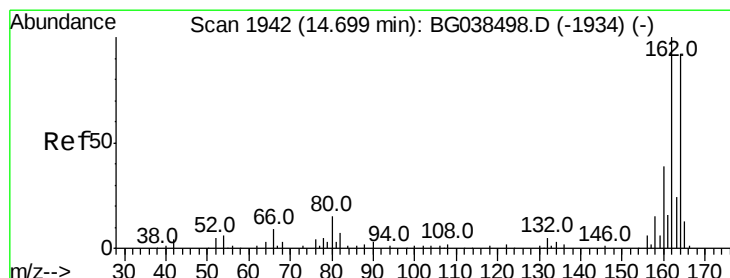
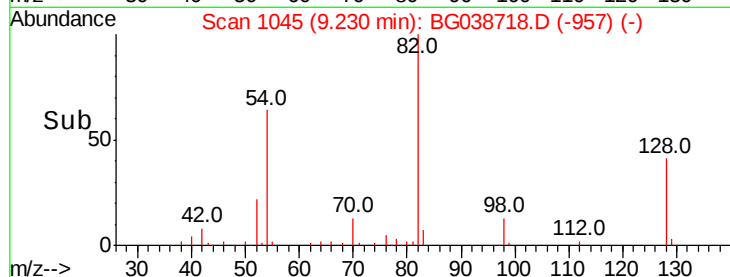
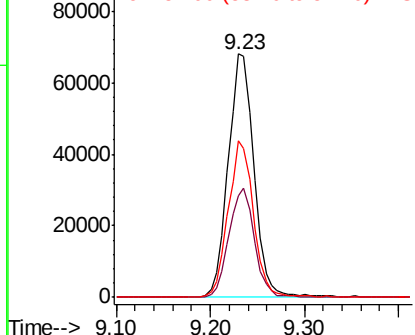
#23
 Nitrobenzene-d5
 Concen: 71.155 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115763TB

Tot Ion: 82 Resp: 129763
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 64.4 50.6 76.0

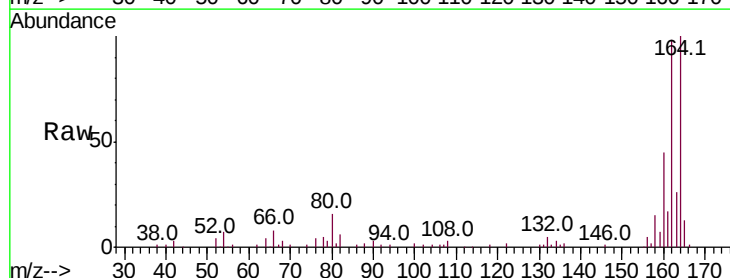


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

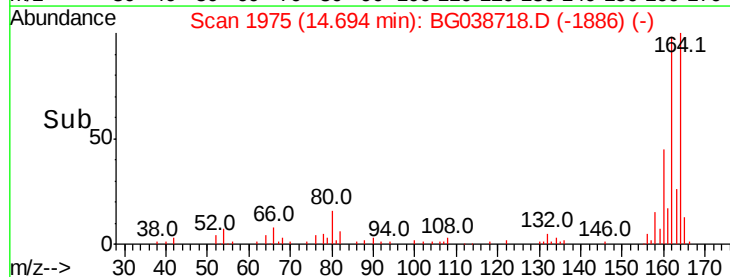
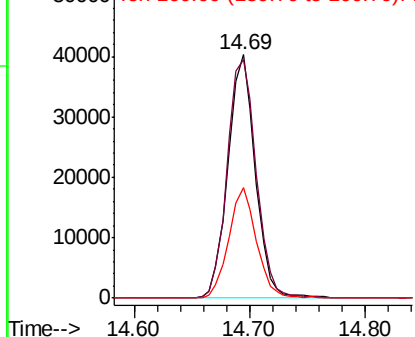


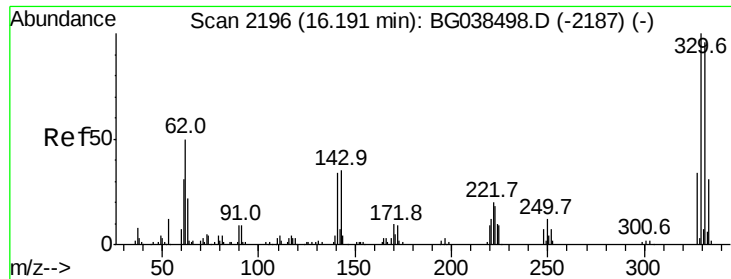
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Tgt Ion:164 Resp: 65812
 Ion Ratio Lower Upper
 164 100
 162 98.0 86.6 130.0
 160 45.2 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

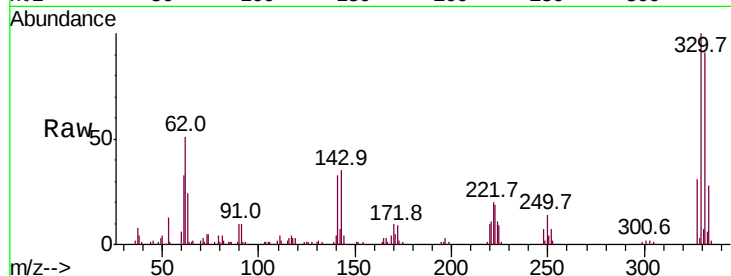




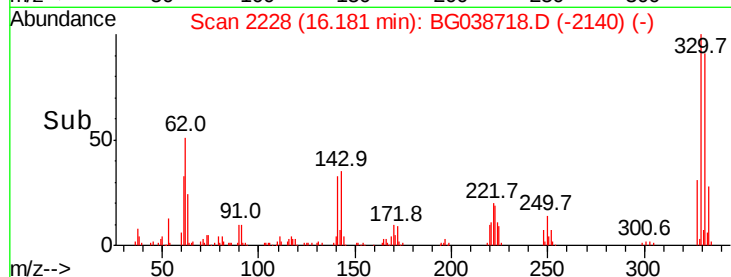
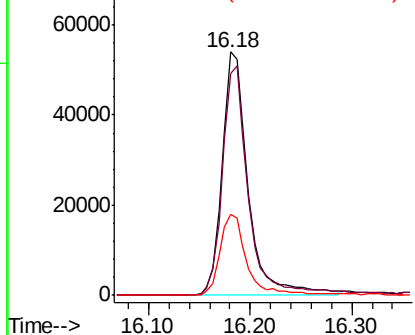
#42
 2,4,6-Tribromophenol
 Concen: 105.845 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115763TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	34.3	28.8	43.2

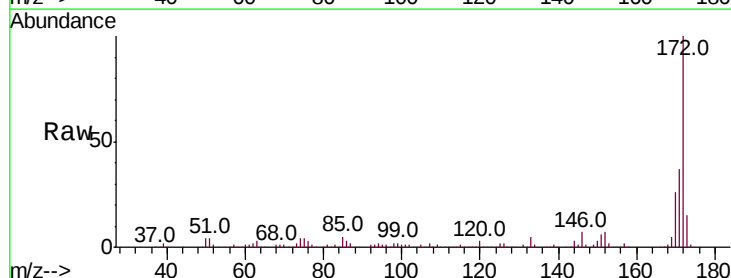


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

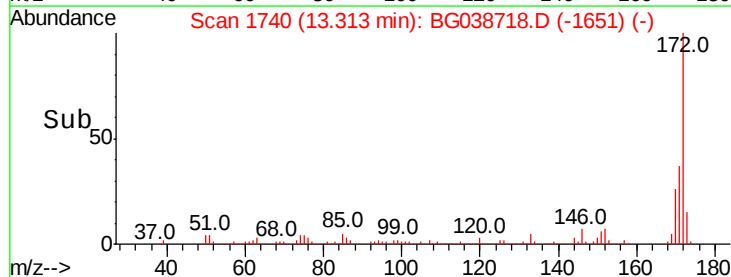
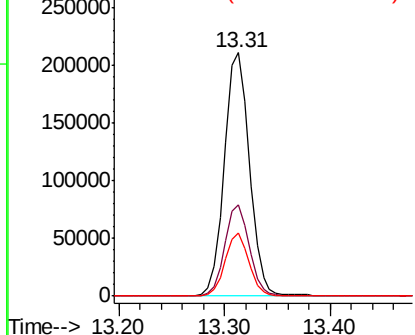


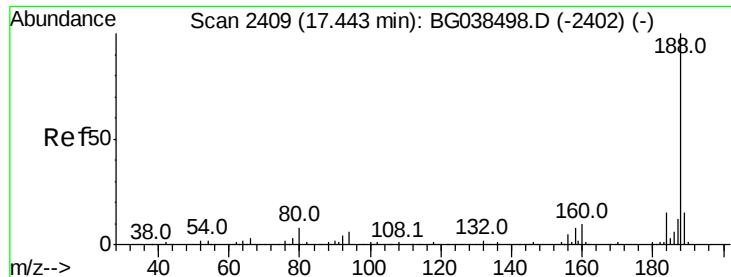
#45
 2-Fluorobiphenyl
 Concen: 72.577 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.7	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

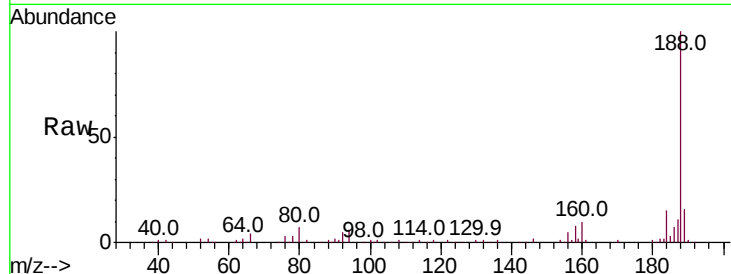




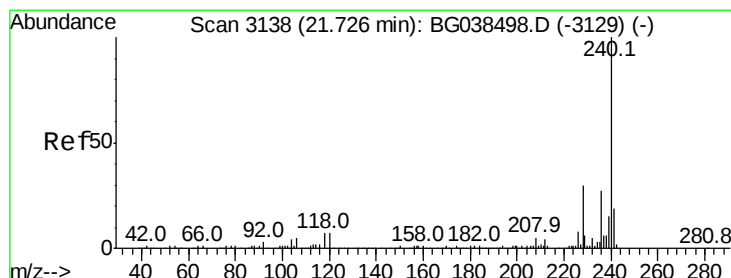
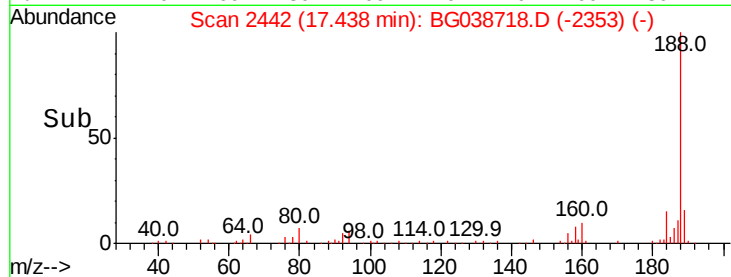
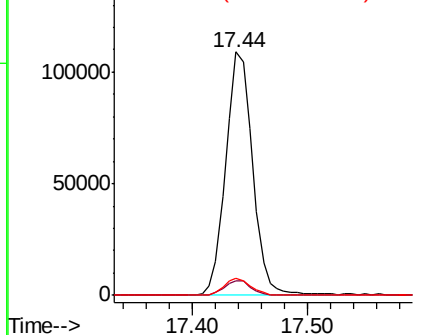
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115763TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	7.1	6.1	9.1

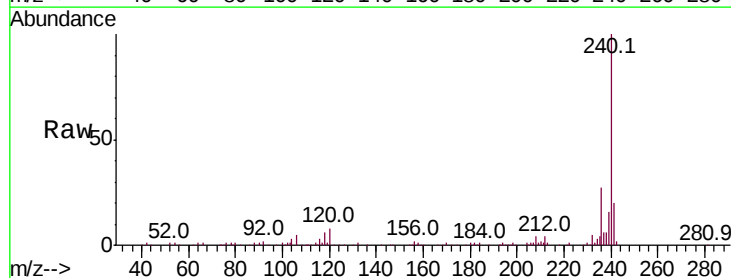


Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

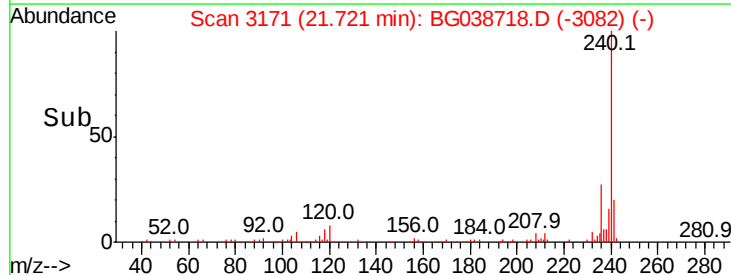
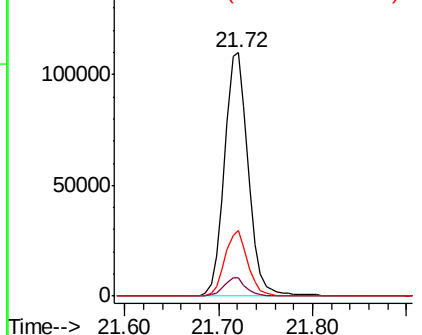


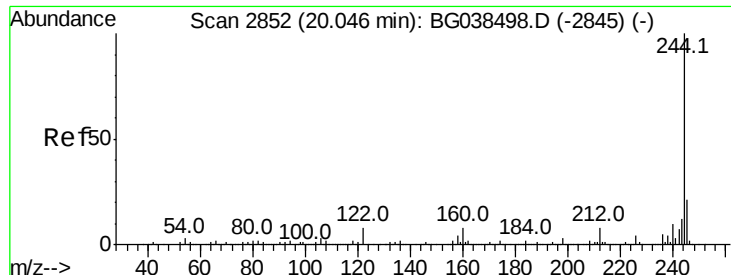
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038718.D
 Acq: 19 Dec 2018 7:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	27.0	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 150000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.161 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038718.D

Acq: 19 Dec 2018 7:50

Instrument :

BNA_G

ClientSampleId :

PB115763TB

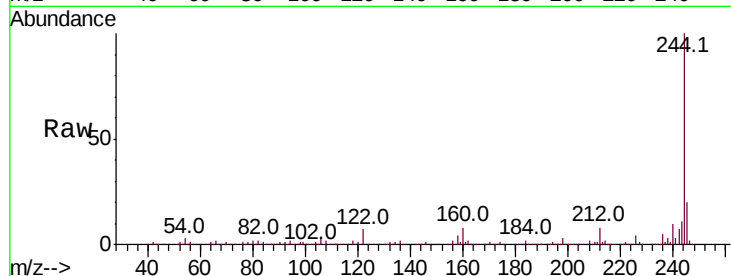
Tot Ion:244 Resp: 747584

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

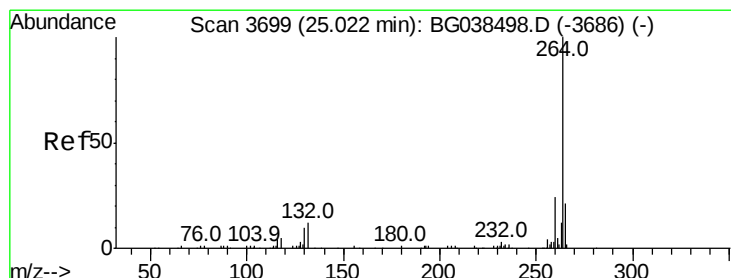
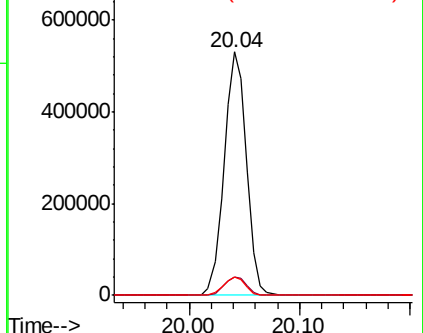
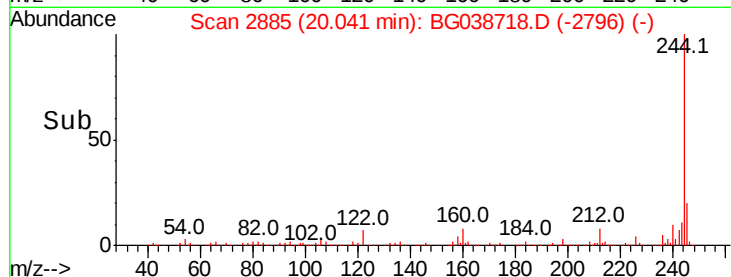
122 7.4 6.3 9.5



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# 3733

Delta R.T. 0.00 min

Lab File: BG038718.D

Acq: 19 Dec 2018 7:50

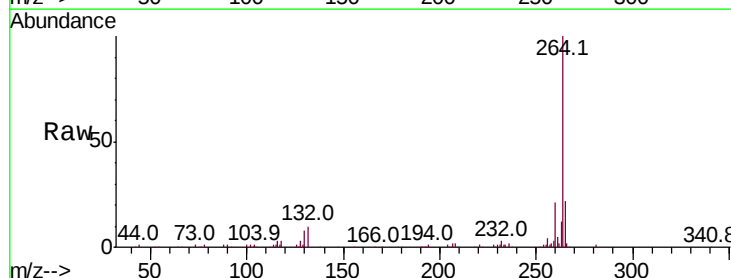
Tgt Ion:264 Resp: 197095

Ion Ratio Lower Upper

264 100

260 21.4 18.9 28.3

265 22.2 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

