

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038712.D
 Acq On : 19 Dec 2018 3:55
 Operator : JU/SJ
 Sample : J6403-56
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-B

Quant Time: Dec 19 07:34:24 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	8.06	152	24497	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97803	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67994	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	184939	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198178	20.00	ng	0.00
87) Perylene-d12	25.02	264	202901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185836	134.55	ng	0.00
7) Phenol-d6	7.21	99	231941	122.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	174762	91.29	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	142080	151.62	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	437129	88.20	ng	0.00
79) Terphenyl-d14	20.05	244	926780	101.78	ng	0.00

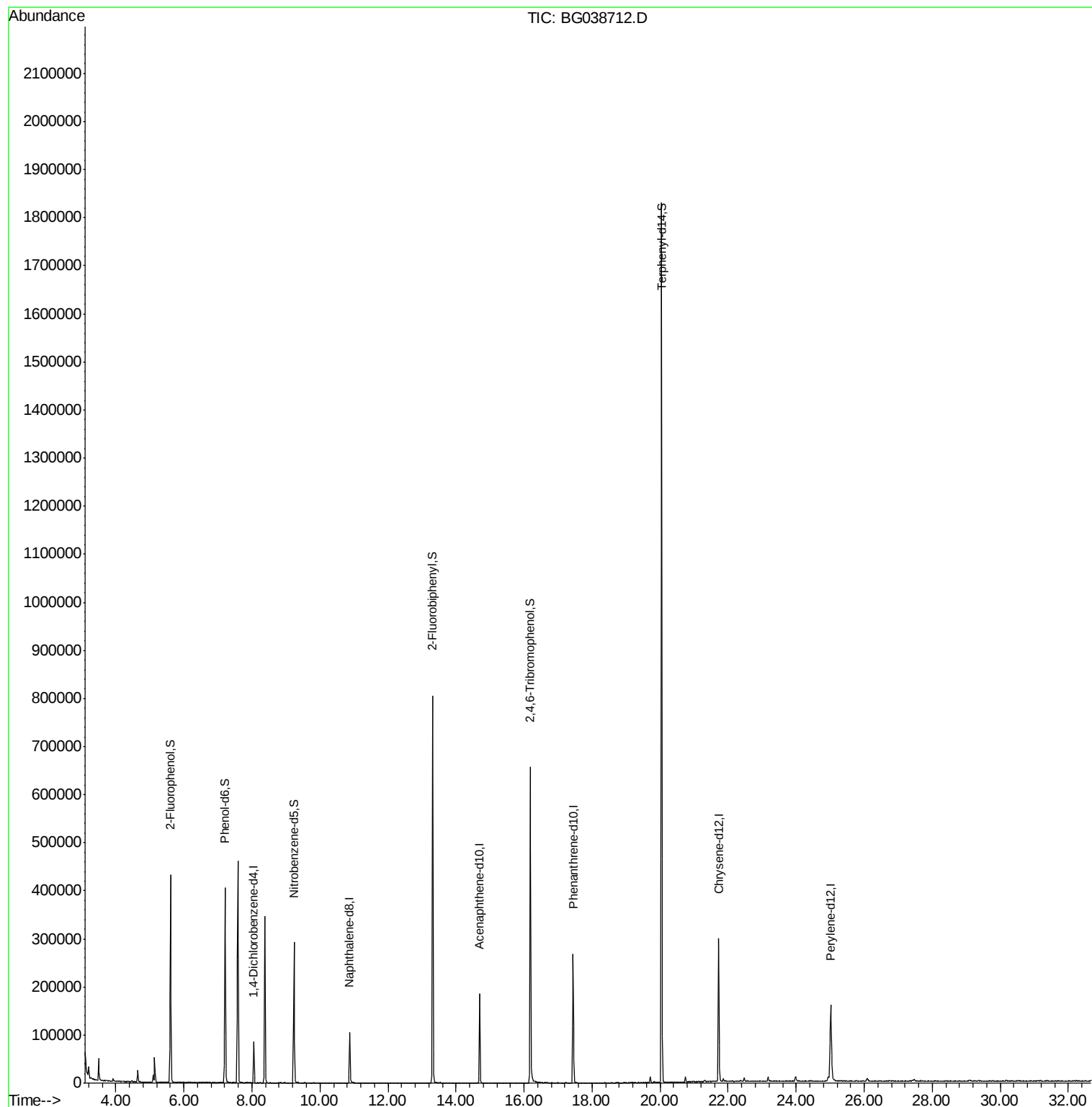
Target Compounds Qvalue

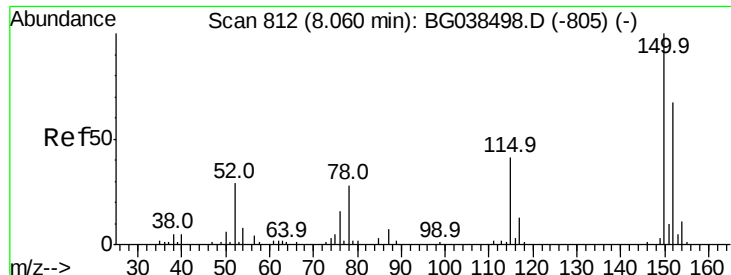
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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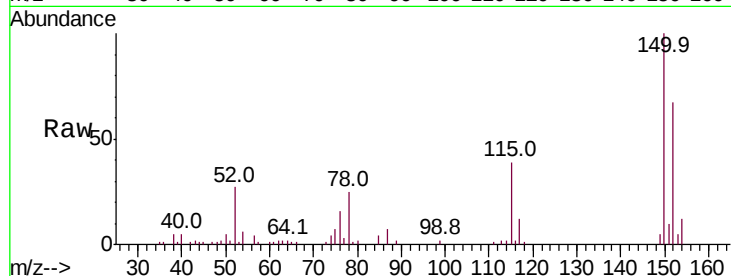


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038712.D
Acq: 19 Dec 2018 3:55

Instrument :
BNA_G
ClientSampleId :
TP-7-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	57.3	49.6	74.4

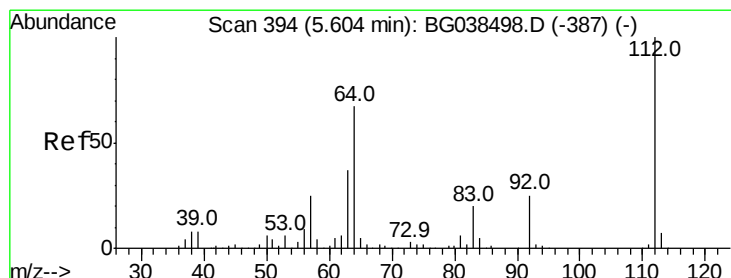
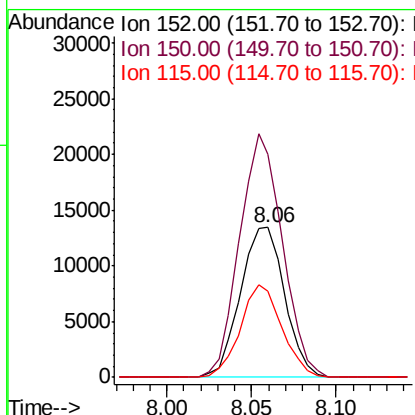
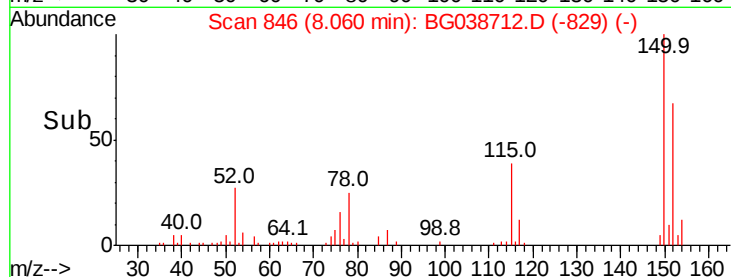


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

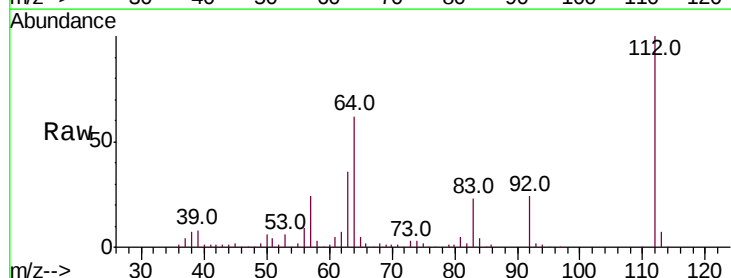
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.551 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038712.D
Acq: 19 Dec 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	53.4	80.2
63	36.5	29.3	43.9

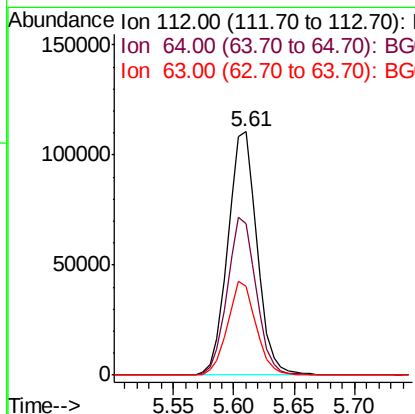
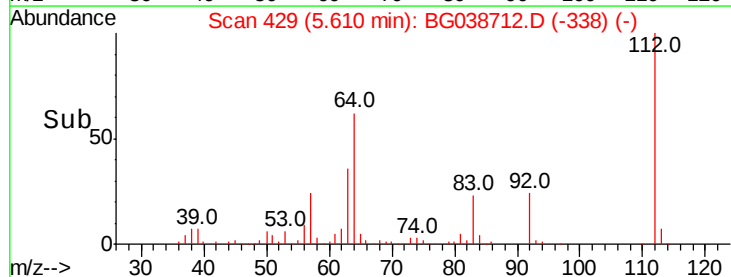


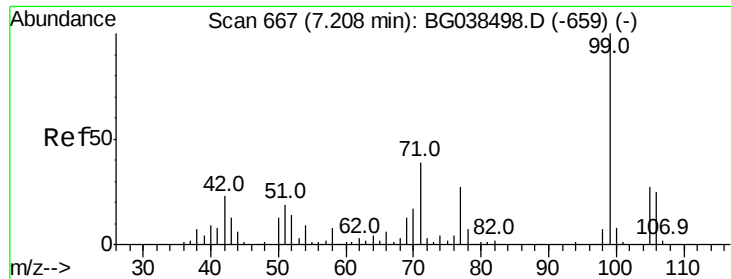
Abundance

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: 122.327 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038712.D

Acq: 19 Dec 2018 3:55

Instrument :

BNA_G

ClientSampleId :

TP-7-B

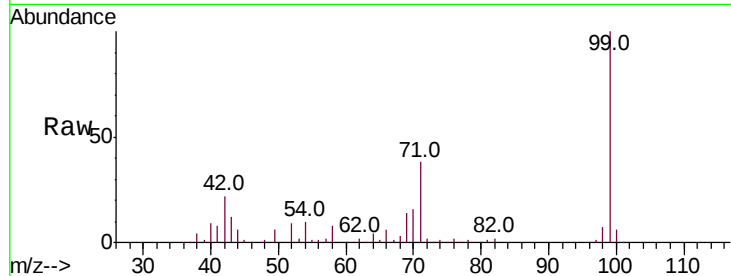
Tot Ion: 99 Resp: 231941

Ion Ratio Lower Upper

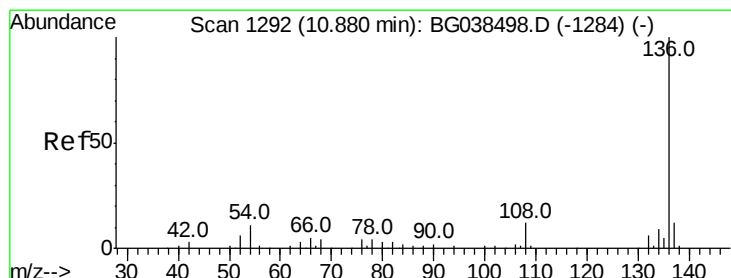
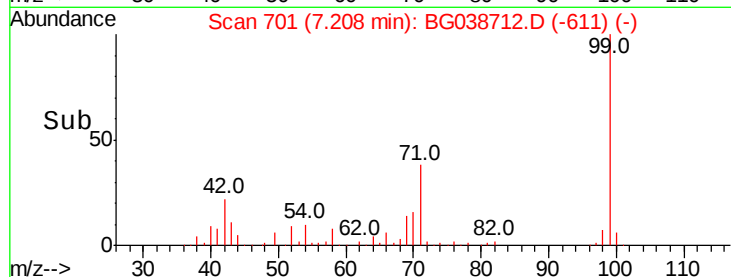
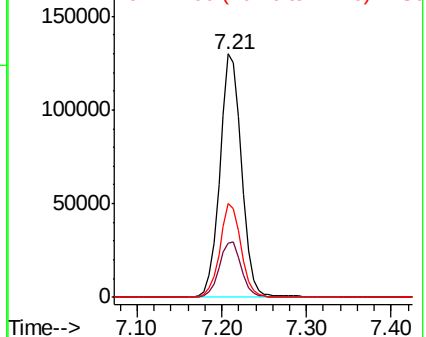
99 100

42 22.4 18.5 27.7

71 38.4 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: BG038712.D

Acq: 19 Dec 2018 3:55

Tgt Ion: 136 Resp: 97803

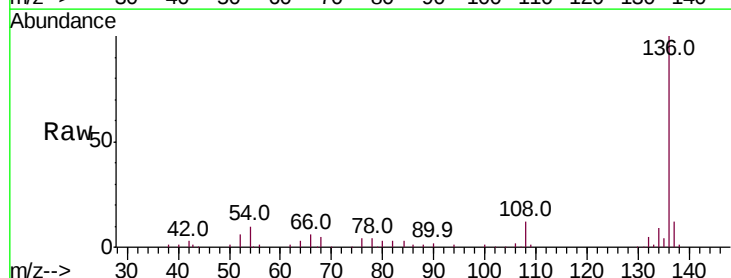
Ion Ratio Lower Upper

136 100

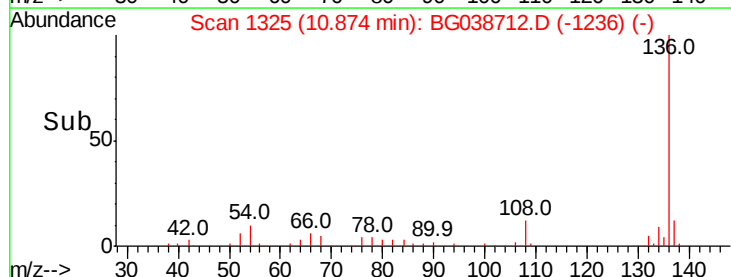
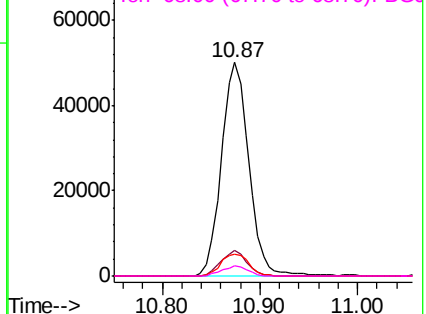
137 11.8 9.3 13.9

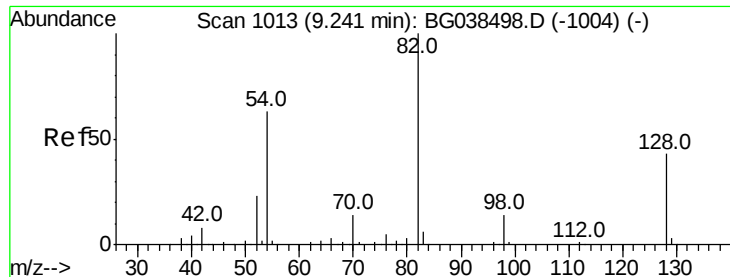
54 10.6 8.5 12.7

68 4.7 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

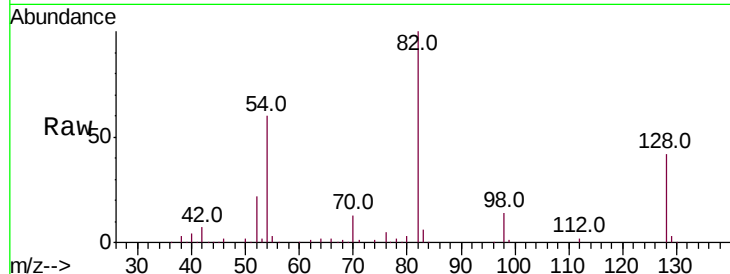




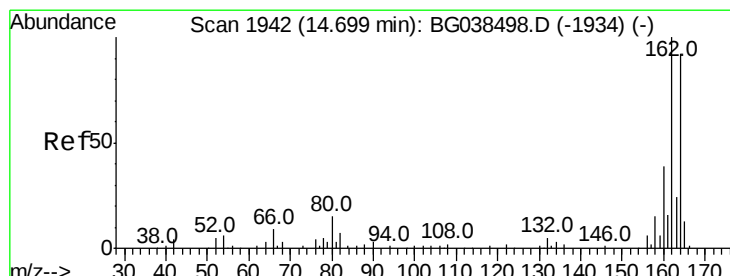
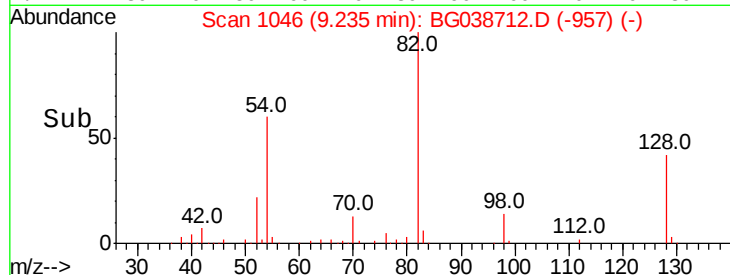
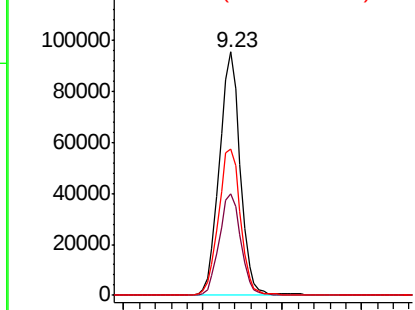
#23
 Nitrobenzene-d5
 Concen: 91.286 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Instrument :
 BNA_G
 ClientSampleID :
 TP-7-B

Tot Ion: 82 Resp: 174762
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 60.2 50.6 76.0

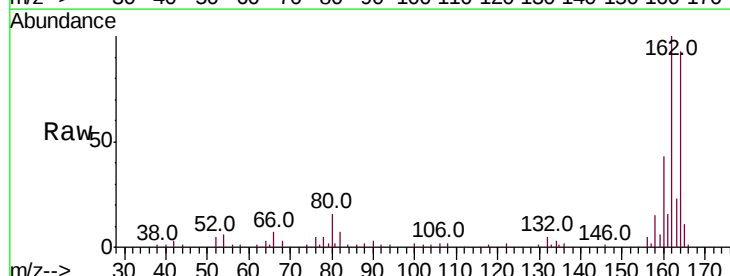


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

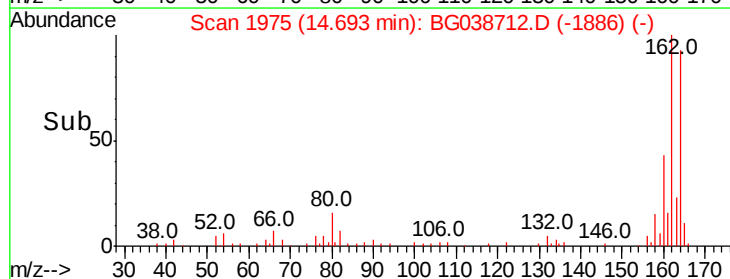
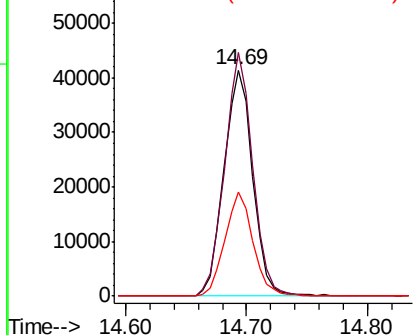


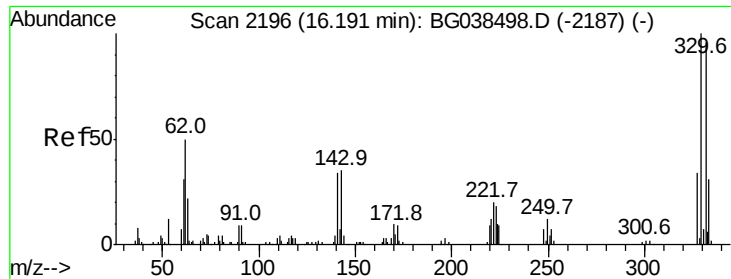
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Tgt Ion: 164 Resp: 67994
 Ion Ratio Lower Upper
 164 100
 162 107.6 86.6 130.0
 160 46.1 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

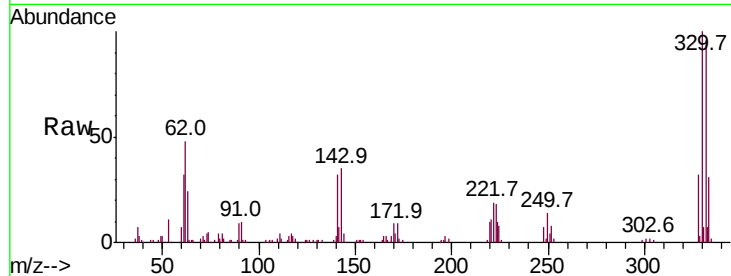




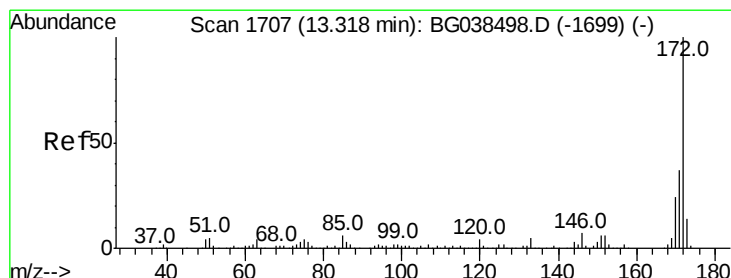
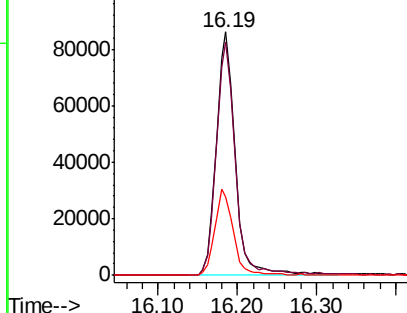
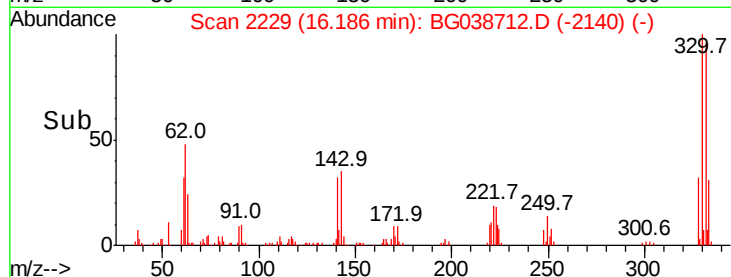
#42
 2,4,6-Tribromophenol
 Concen: 151.620 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	34.8	28.8	43.2

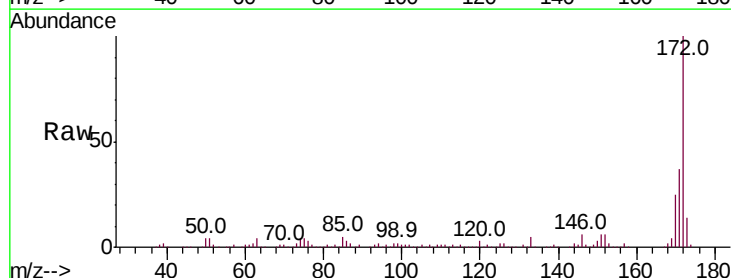


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

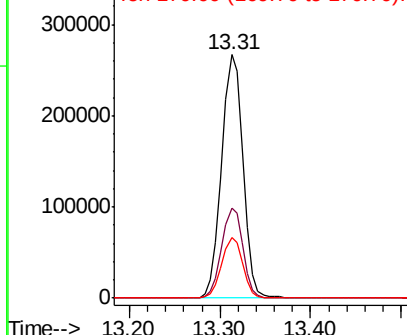
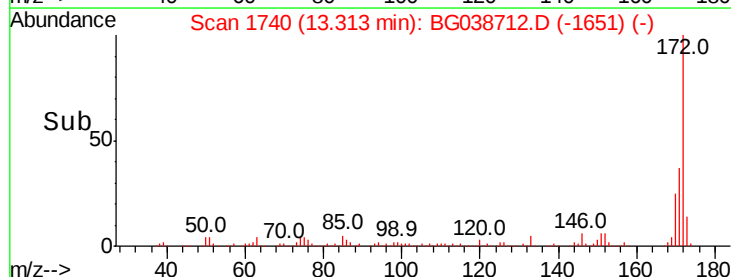


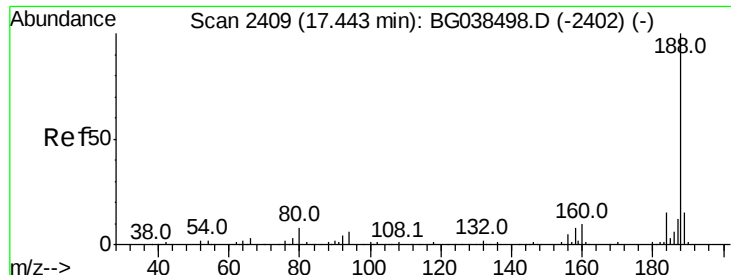
#45
 2-Fluorobiphenyl
 Concen: 88.195 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.0	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

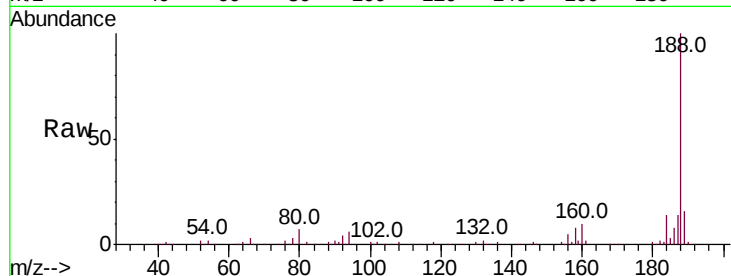




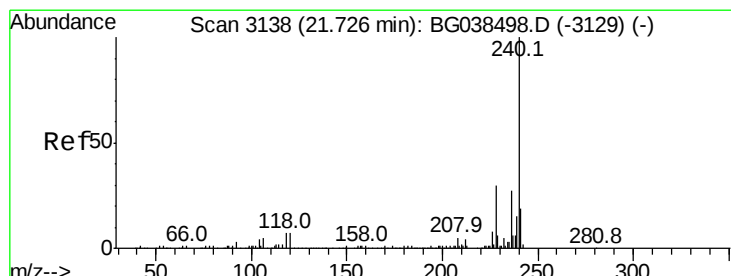
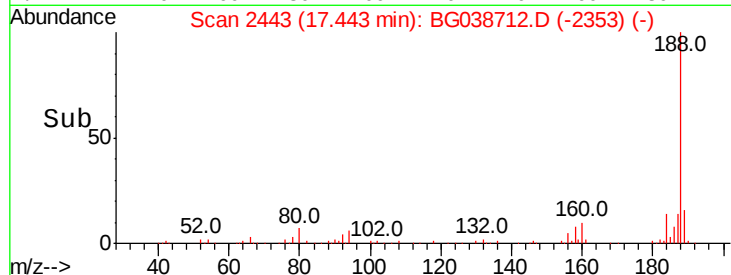
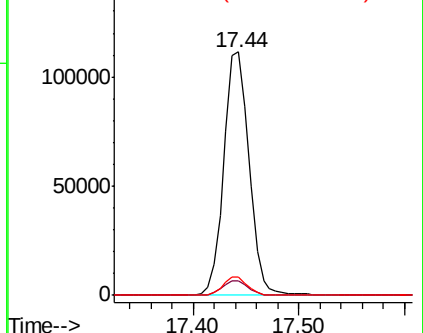
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.5	6.1	9.1

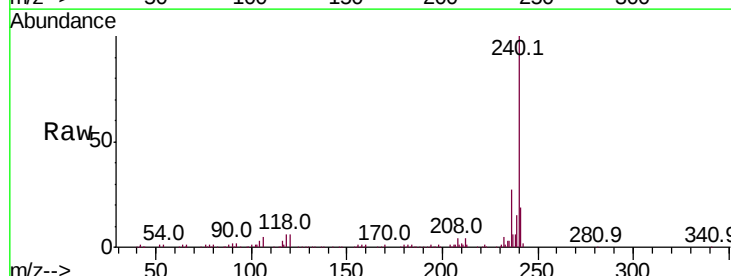


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

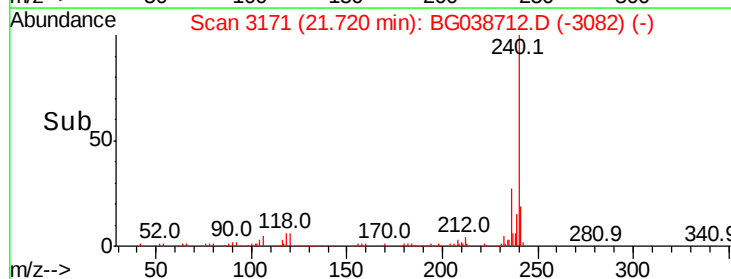
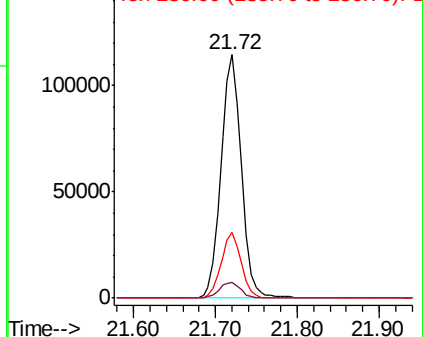


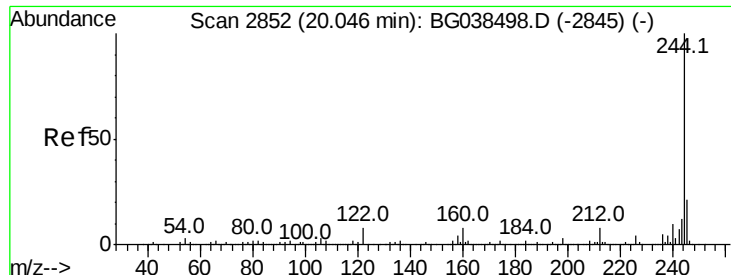
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038712.D
 Acq: 19 Dec 2018 3:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	26.8	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: 101.776 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038712.D

Acq: 19 Dec 2018 3:55

Instrument :

BNA_G

ClientSampleId :

TP-7-B

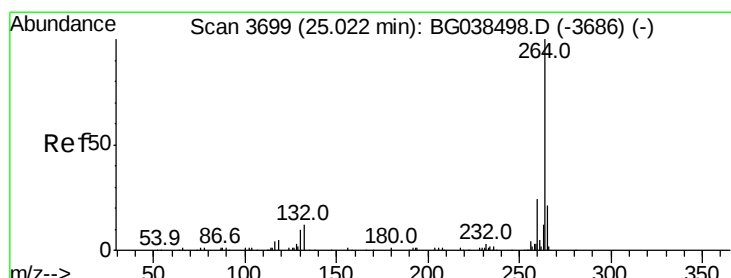
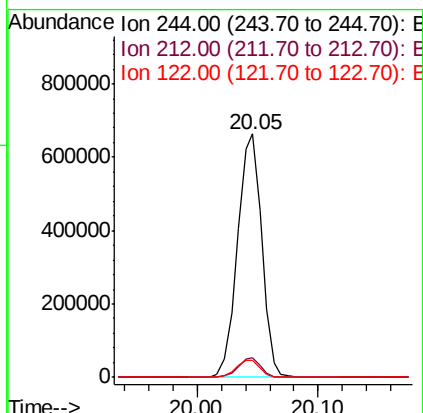
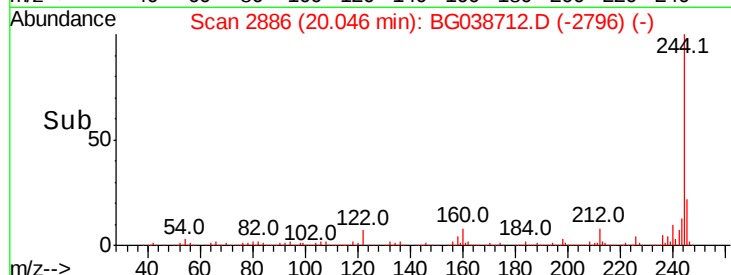
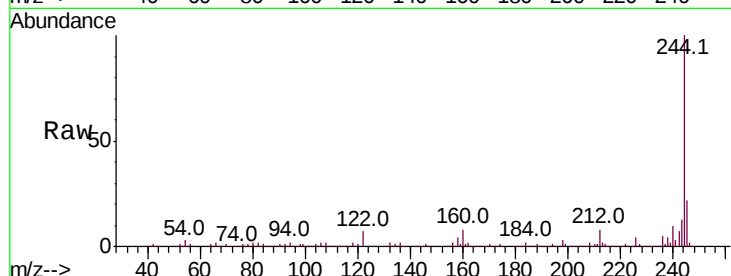
Tot Ion:244 Resp: 926780

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 7.3 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038712.D

Acq: 19 Dec 2018 3:55

Tgt Ion:264 Resp: 202901

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.6 17.0 25.4

