

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038701.D
 Acq On : 18 Dec 2018 19:19
 Operator : JU/SJ
 Sample : PB115799BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BL

Quant Time: Dec 19 07:22:09 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	21733	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	88328	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	59863	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	158356	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165023	20.00	ng	0.00
87) Perylene-d12	25.01	264	169350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	136130	111.10	ng	0.00
7) Phenol-d6	7.21	99	187811	111.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	116699	67.50	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89455	108.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	306997	70.35	ng	0.00
79) Terphenyl-d14	20.04	244	610048	80.45	ng	0.00

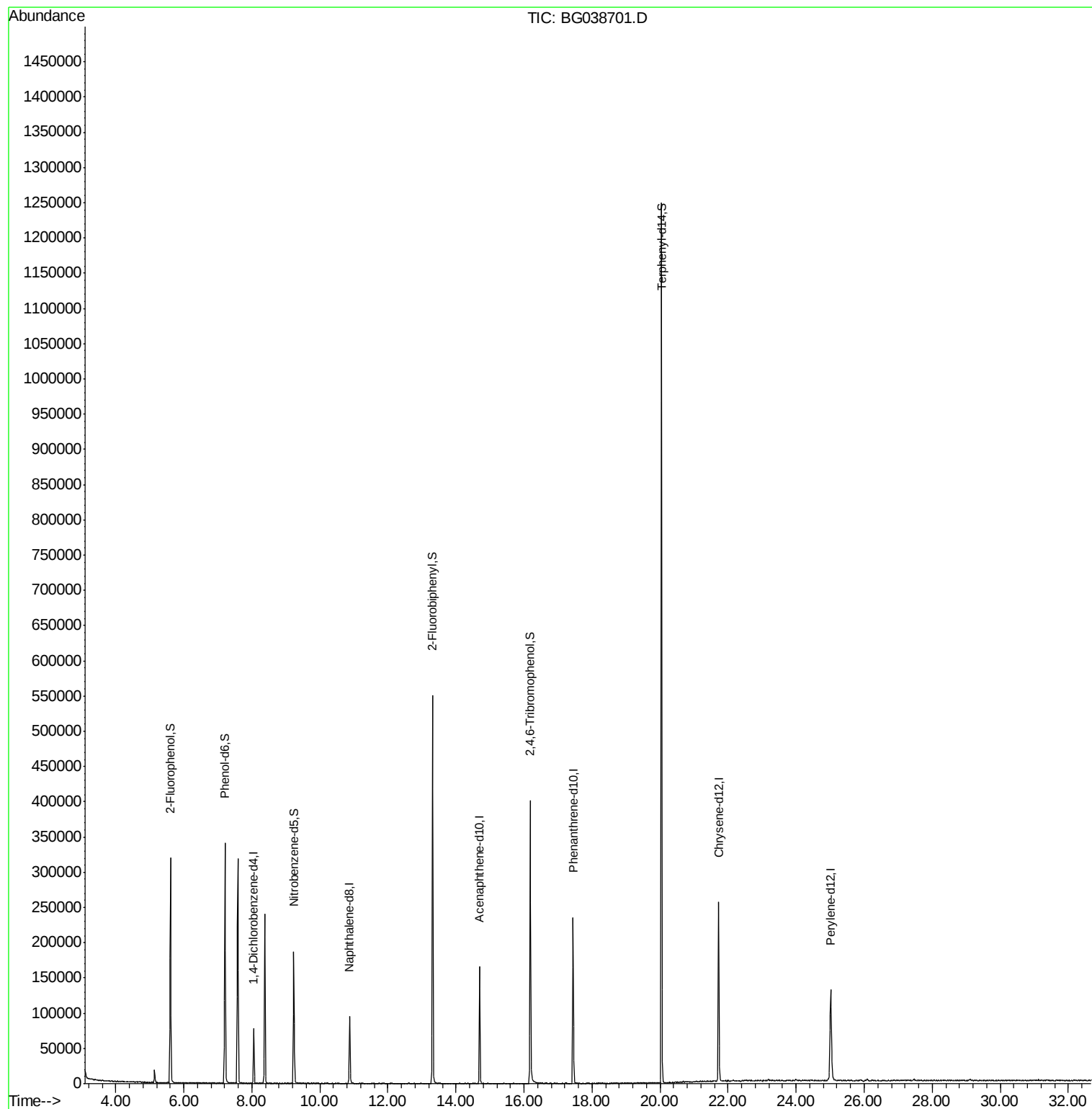
Target Compounds Qvalue

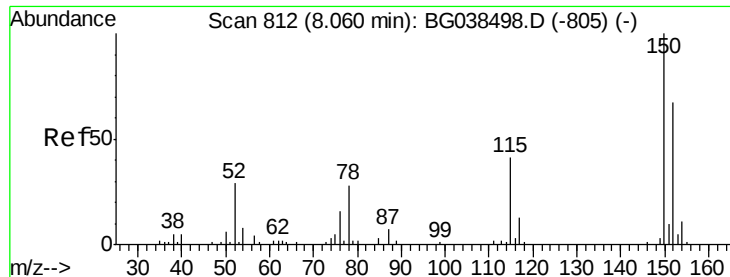
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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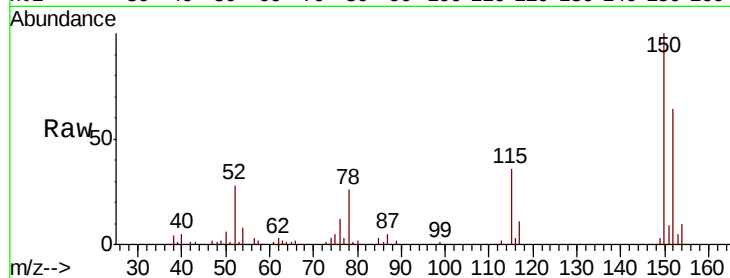


#1

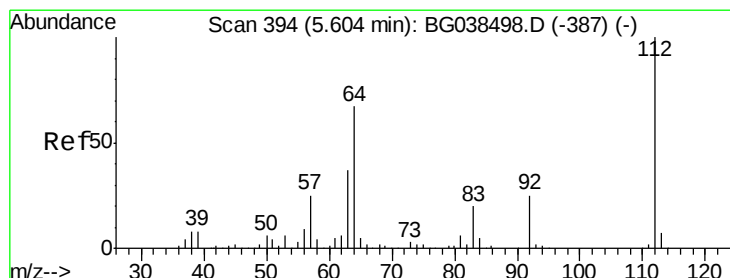
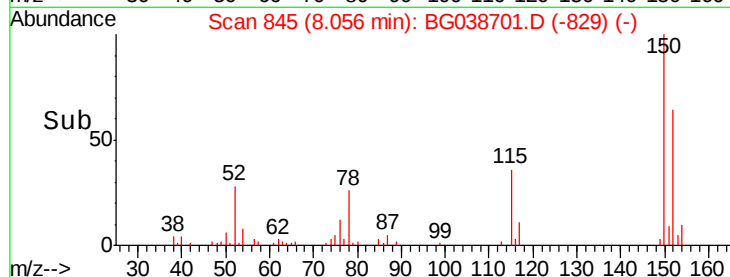
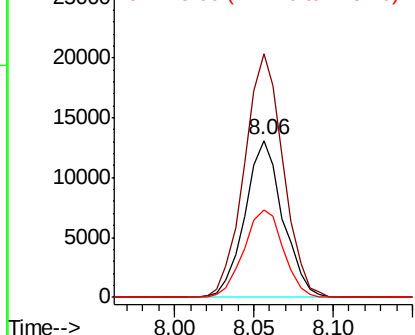
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038701.D
Acq: 18 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB115799BL

Tot Ion:152 Resp: 21733
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 56.0 49.6 74.4



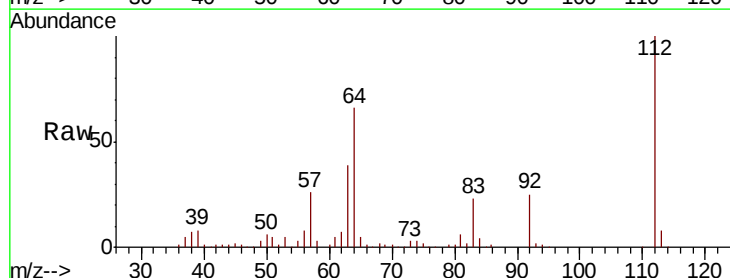
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



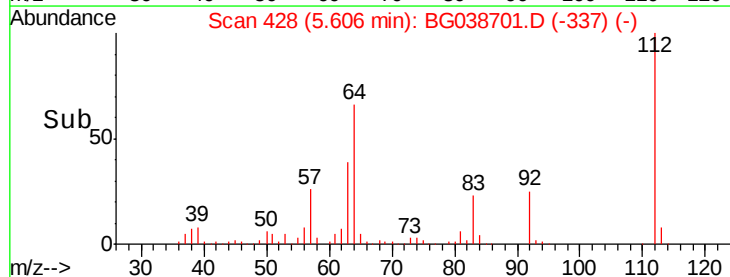
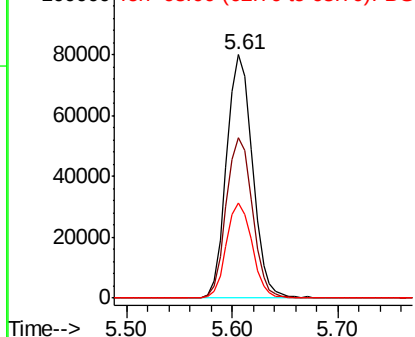
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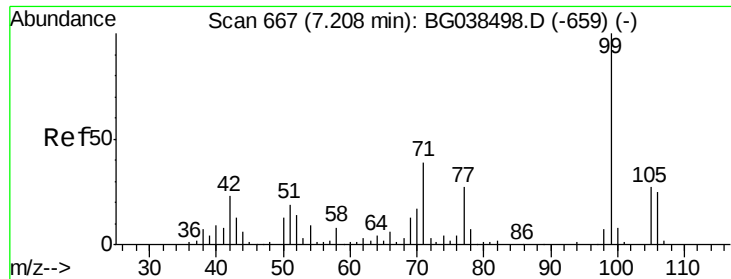
2-Fluorophenol
Concen: 111.097 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038701.D
Acq: 18 Dec 2018 19:19

Tgt Ion:112 Resp: 136130
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 39.1 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: 111.650 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038701.D

Acq: 18 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB115799BL

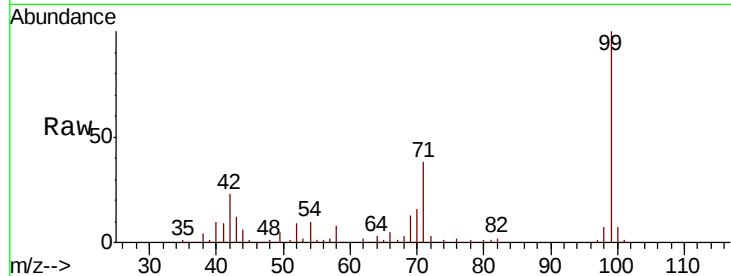
Tot Ion: 99 Resp: 187811

Ion Ratio Lower Upper

99 100

42 23.1 18.5 27.7

71 38.3 31.1 46.7

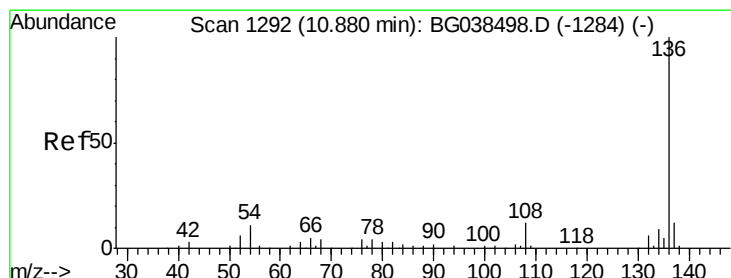
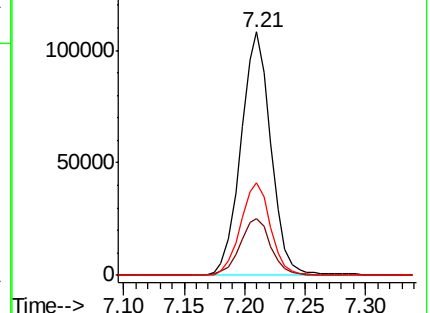
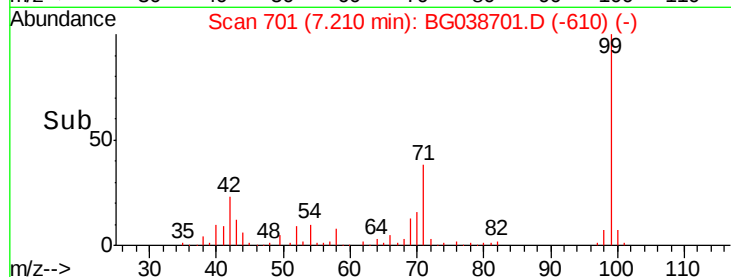


Abundance

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: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038701.D

Acq: 18 Dec 2018 19:19

Tgt Ion: 136 Resp: 88328

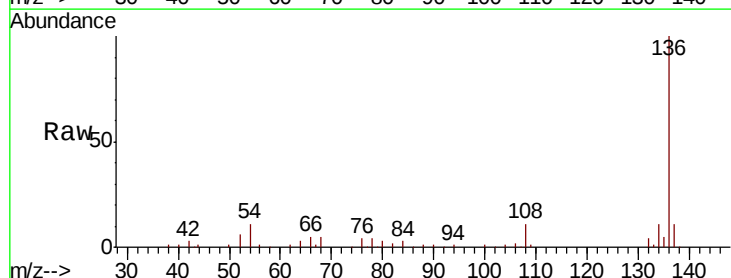
Ion Ratio Lower Upper

136 100

137 10.5 9.3 13.9

54 10.5 8.5 12.7

68 5.1 3.5 5.3



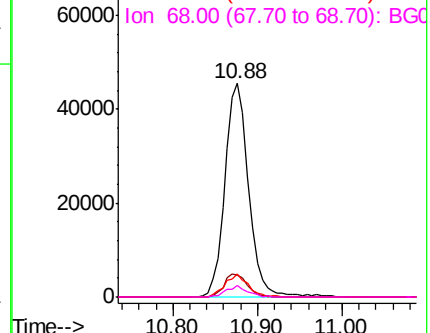
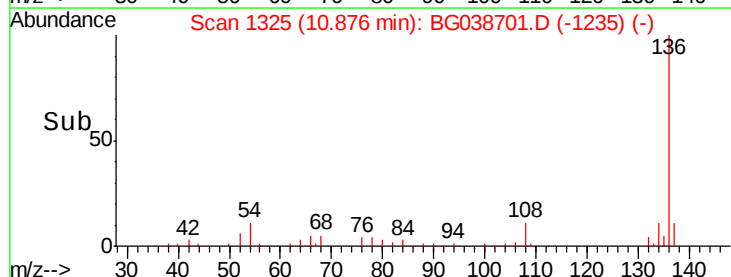
Abundance

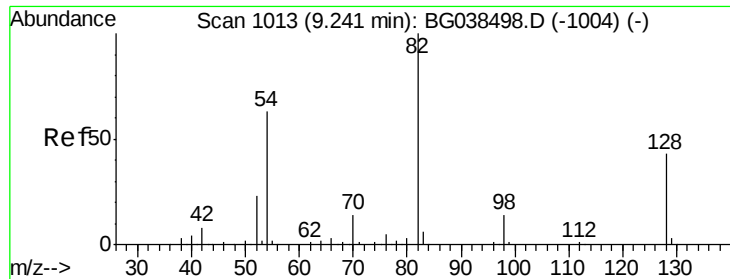
Ion 136.00 (135.70 to 136.70): BGC

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

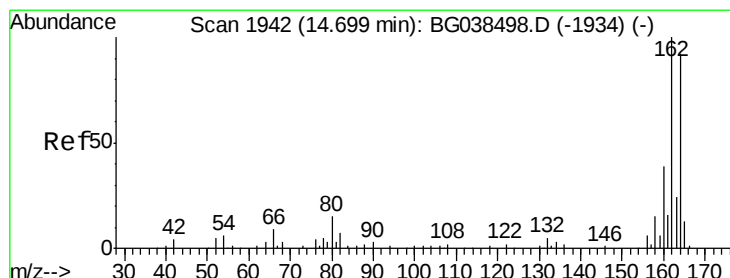
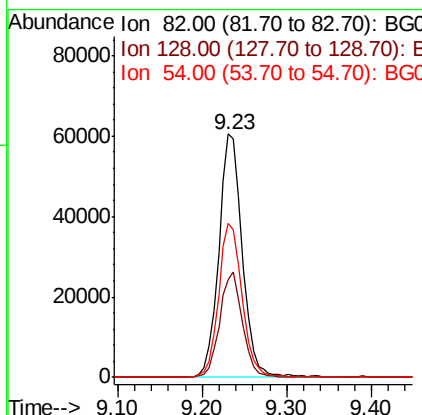
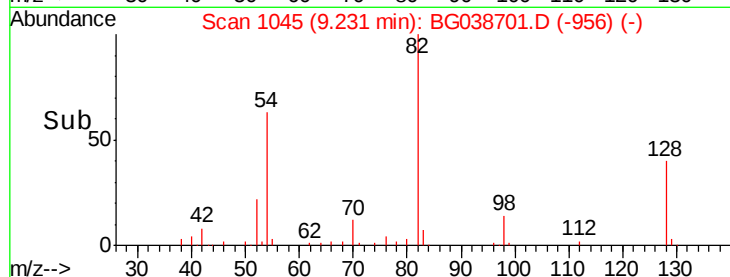
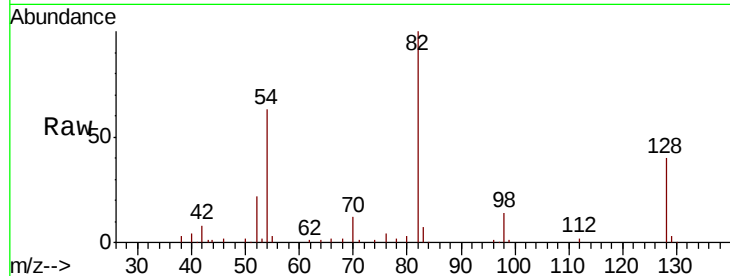




#23
 Nitrobenzene-d5
 Concen: 67.496 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038701.D
 Acq: 18 Dec 2018 19:19

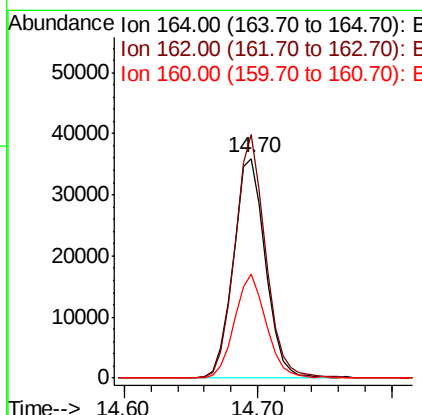
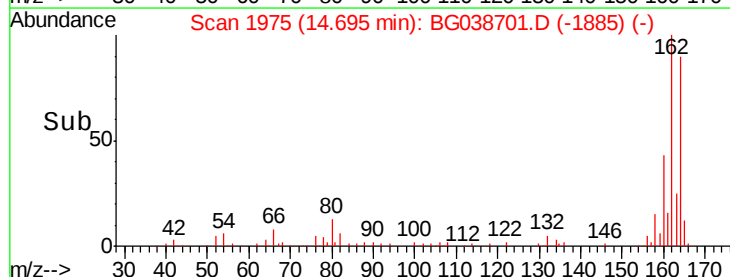
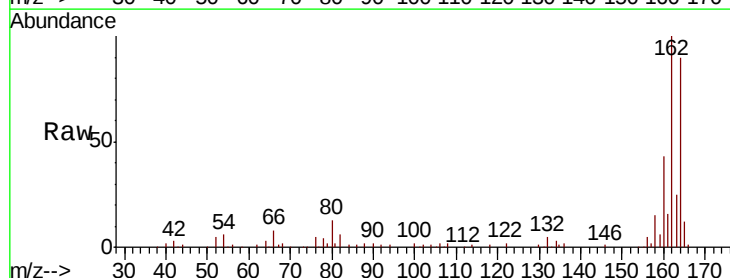
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BL

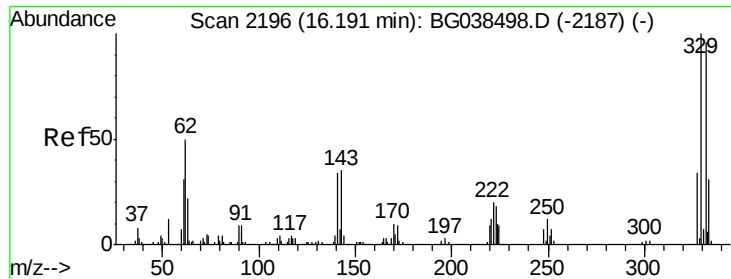
Tot Ion: 82 Resp: 116699
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.6 52.0
 54 63.5 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038701.D
 Acq: 18 Dec 2018 19:19

Tgt Ion: 164 Resp: 59863
 Ion Ratio Lower Upper
 164 100
 162 111.0 86.6 130.0
 160 47.3 34.2 51.2

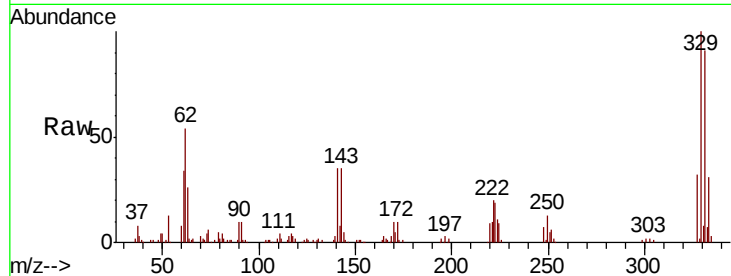




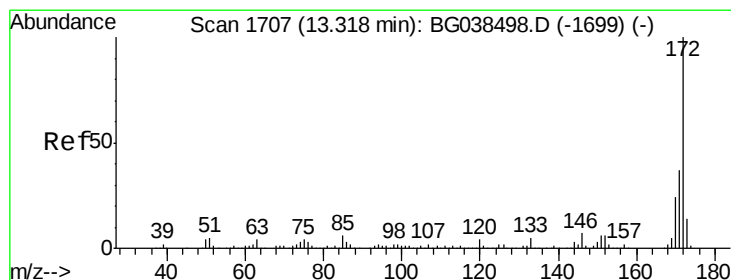
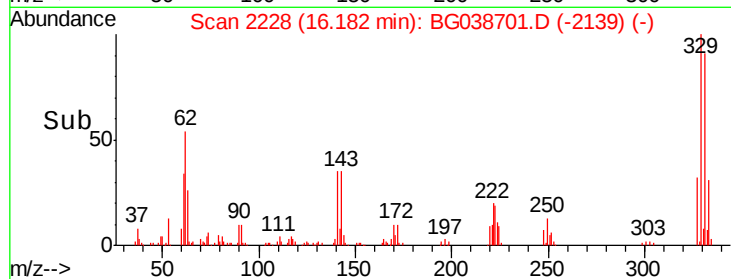
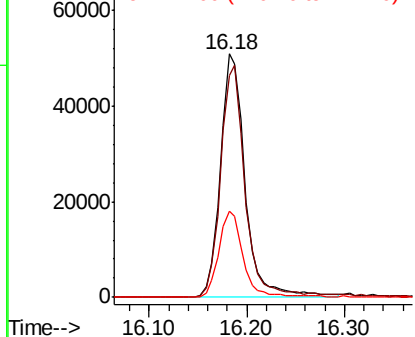
#42
 2,4,6-Tribromophenol
 Concen: 108.428 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038701.D
 Acq: 18 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	35.2	28.8	43.2

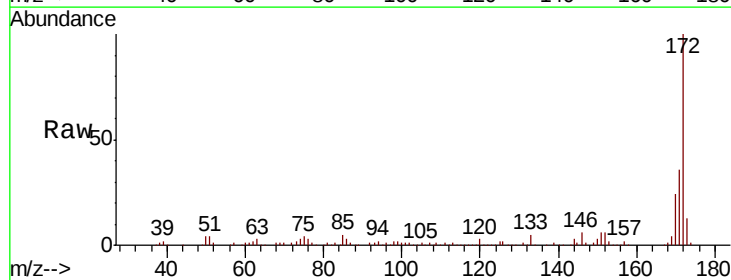


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

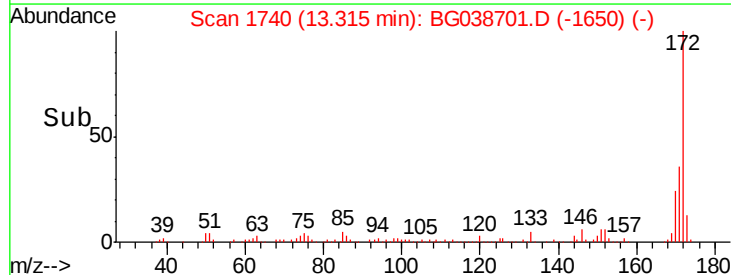
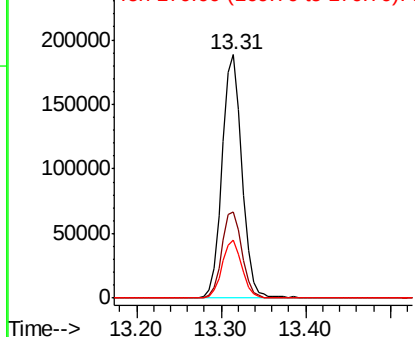


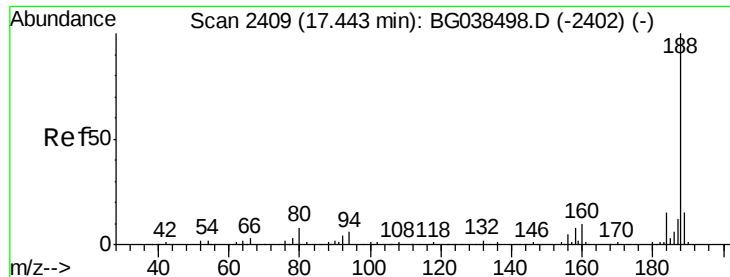
#45
 2-Fluorobiphenyl
 Concen: 70.353 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038701.D
 Acq: 18 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	24.0	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

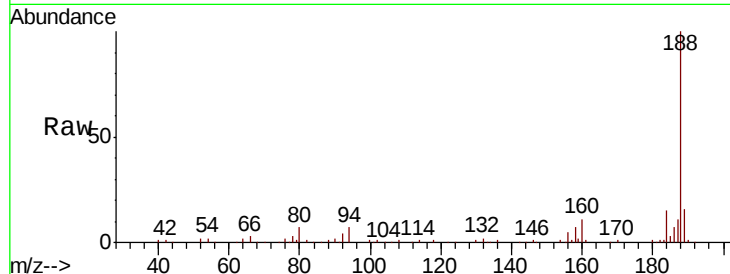




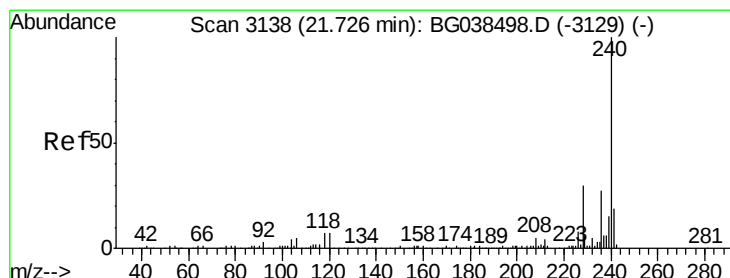
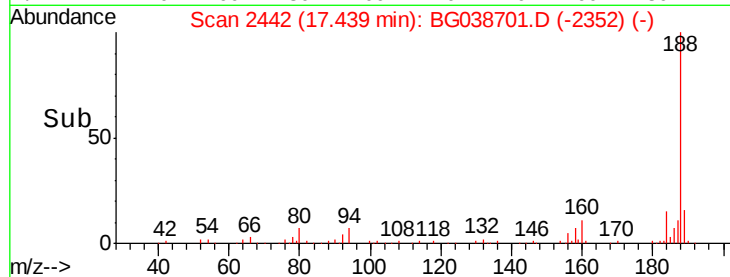
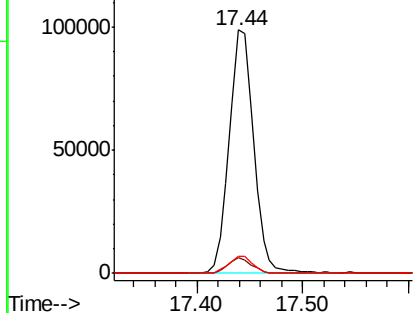
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038701.D
Acq: 18 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB115799BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.0	6.1	9.1

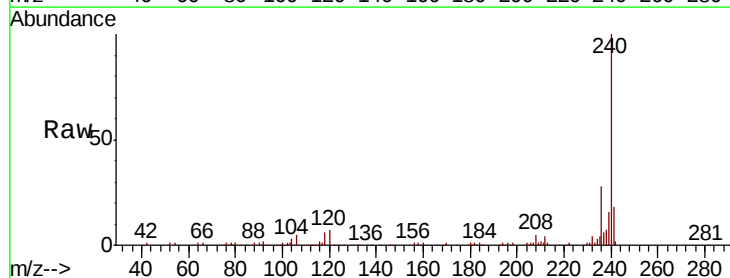


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

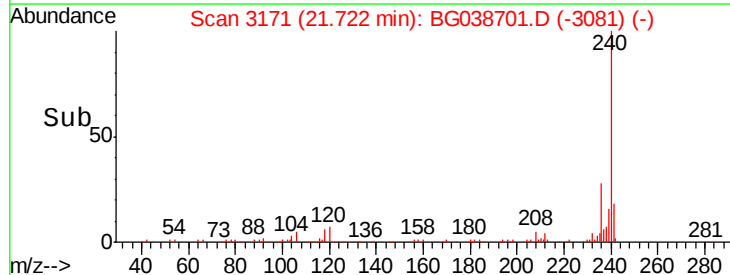
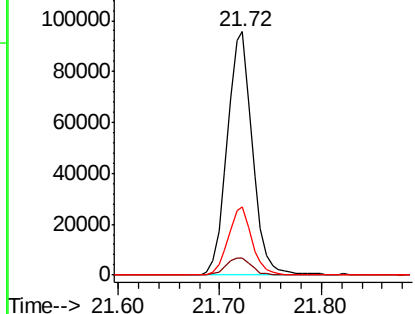


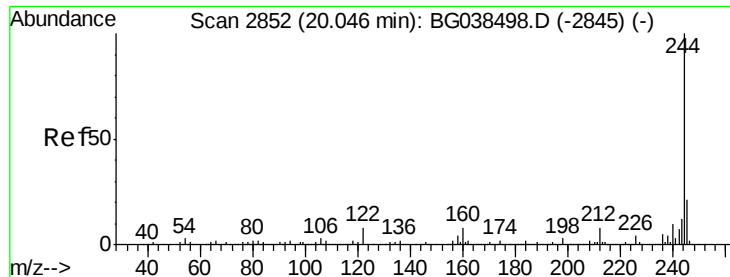
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038701.D
Acq: 18 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	28.1	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: 80.453 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038701.D

Acq: 18 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB115799BL

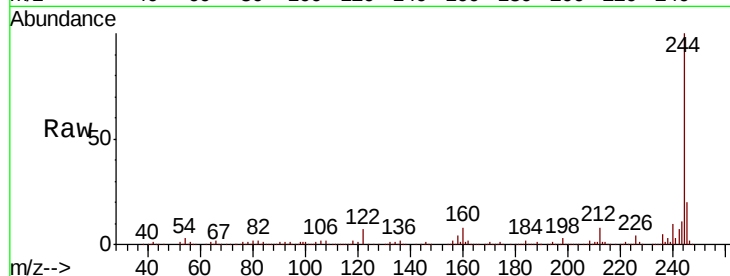
Tot Ion:244 Resp: 610048

Ion Ratio Lower Upper

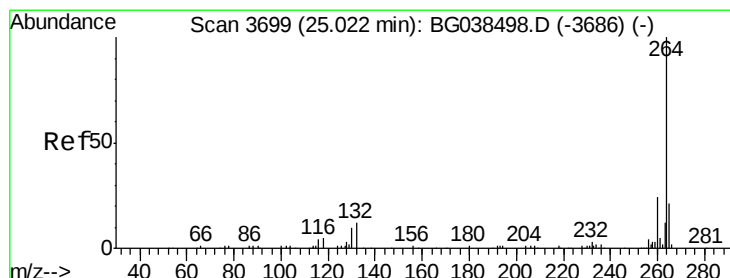
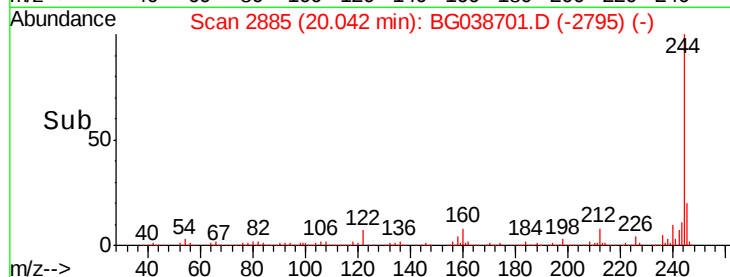
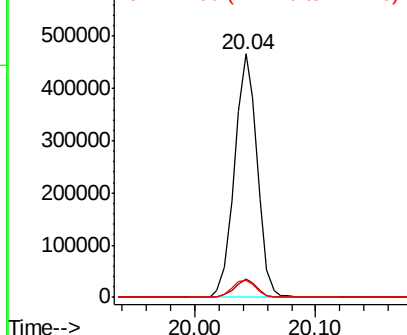
244 100

212 7.6 6.2 9.2

122 7.2 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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038701.D

Acq: 18 Dec 2018 19:19

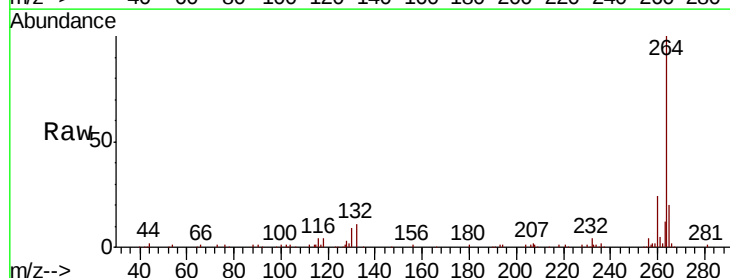
Tgt Ion:264 Resp: 169350

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 19.9 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

