

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038562.D
 Acq On : 14 Dec 2018 10:26
 Operator : JU/SJ
 Sample : J6344-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Quant Time: Dec 14 11:32:40 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	21594	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87724	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57316	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	147214	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155434	20.00	ng	0.00
87) Perylene-d12	25.01	264	173835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	174281	143.15	ng	0.00
7) Phenol-d6	7.21	99	212280	127.01	ng	0.00
23) Nitrobenzene-d5	9.24	82	174636	101.70	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	132417	167.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	406366	97.26	ng	0.00
79) Terphenyl-d14	20.04	244	783095	109.65	ng	0.00

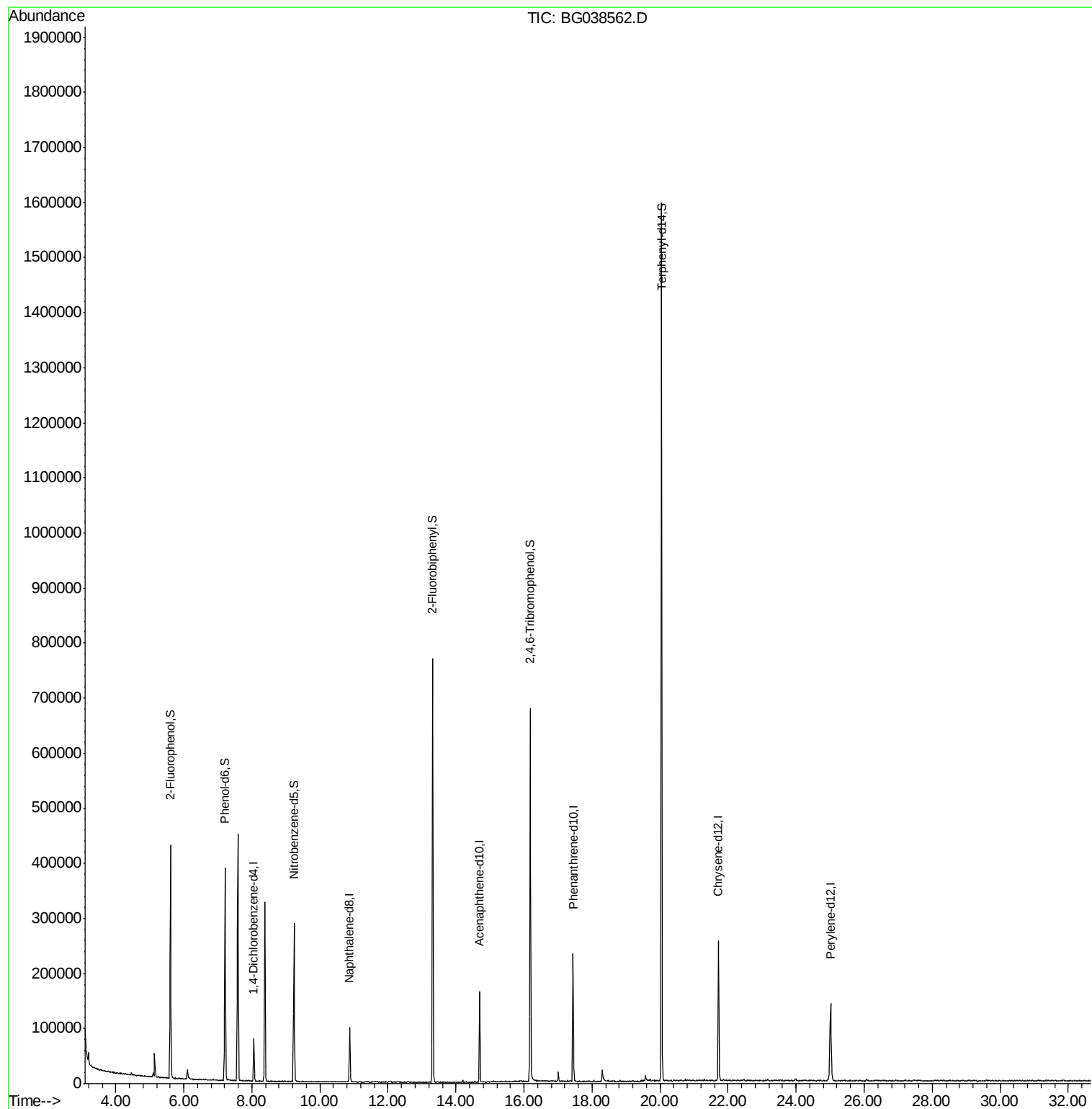
Target Compounds Qvalue

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

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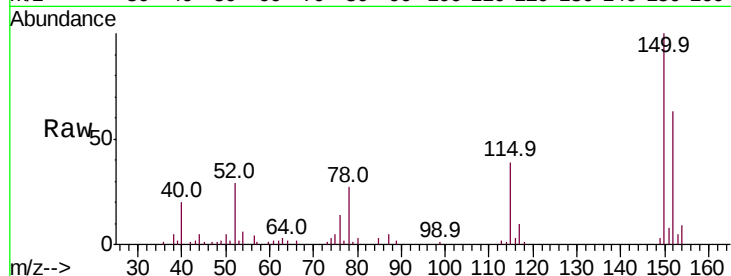


#1

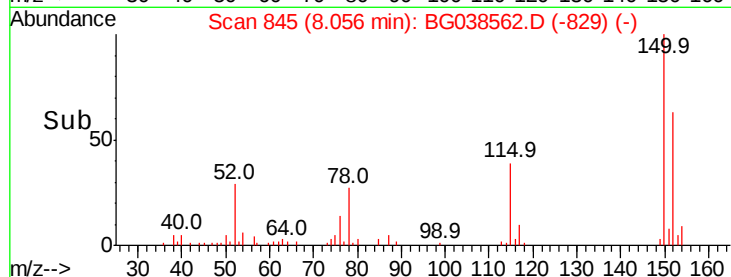
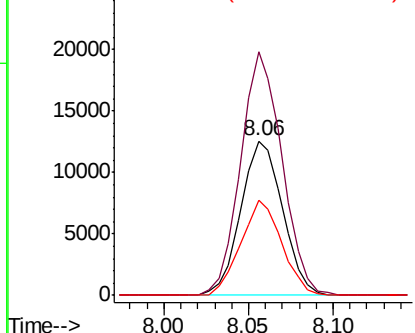
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Instrument :
BNA_G
ClientSampleId :
RBR-200031

Tot Ion:152 Resp: 21594
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 61.4 49.6 74.4



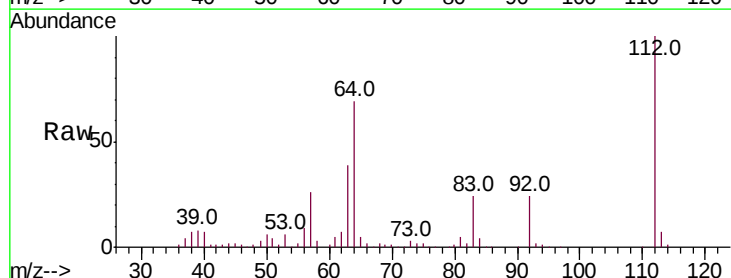
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



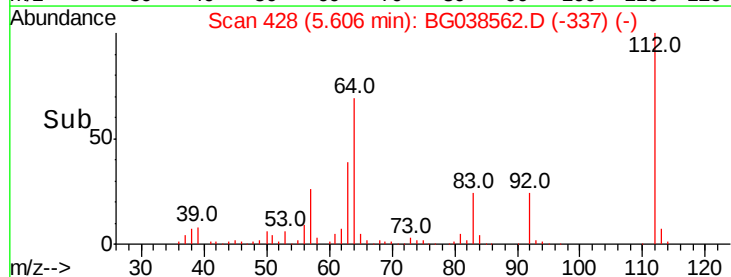
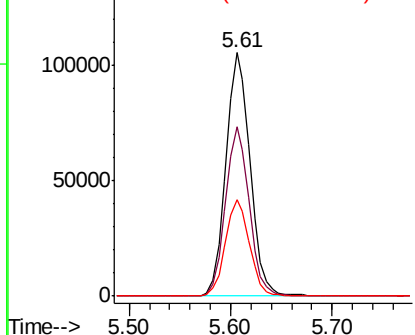
#5

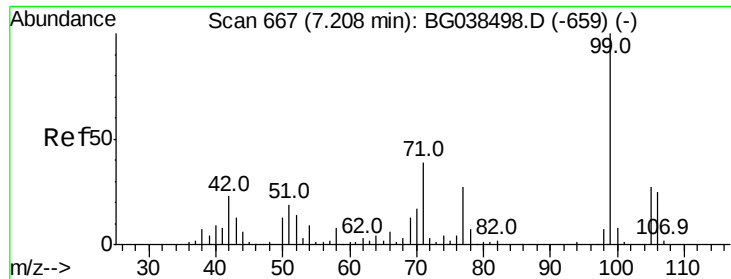
2-Fluorophenol
Concen: 143.148 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion:112 Resp: 174281
Ion Ratio Lower Upper
112 100
64 69.4 53.4 80.2
63 39.4 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: 127.009 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

RBR-200031

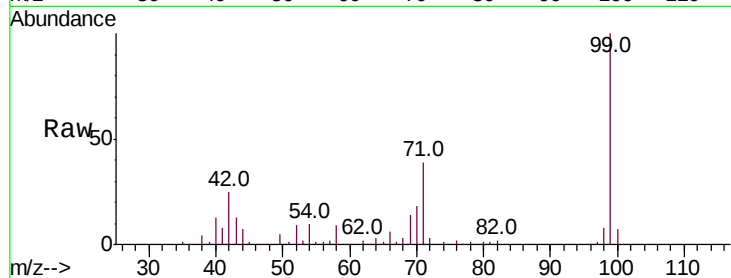
Tot Ion: 99 Resp: 212280

Ion Ratio Lower Upper

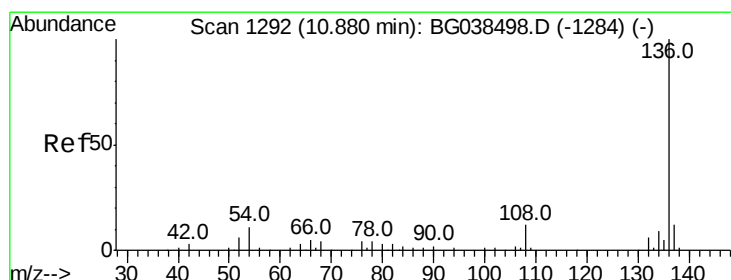
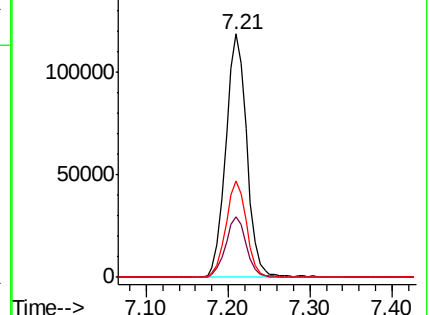
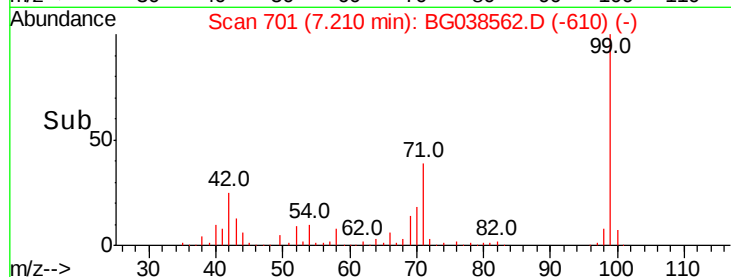
99 100

42 25.0 18.5 27.7

71 39.4 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: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Tgt Ion: 136 Resp: 87724

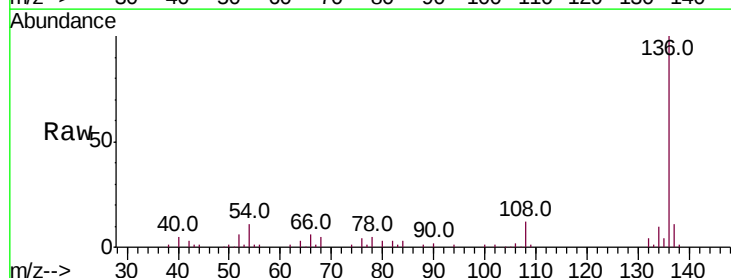
Ion Ratio Lower Upper

136 100

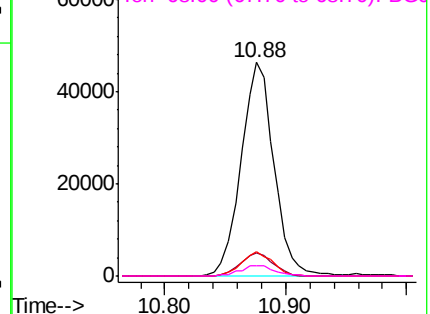
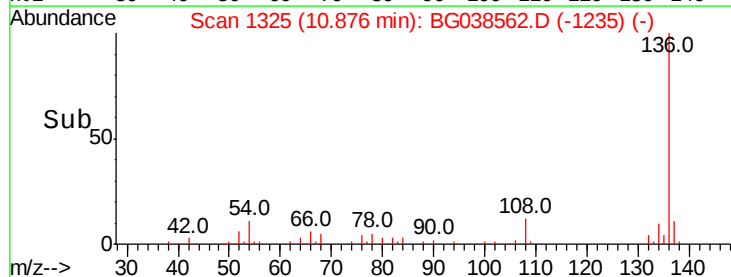
137 11.0 9.3 13.9

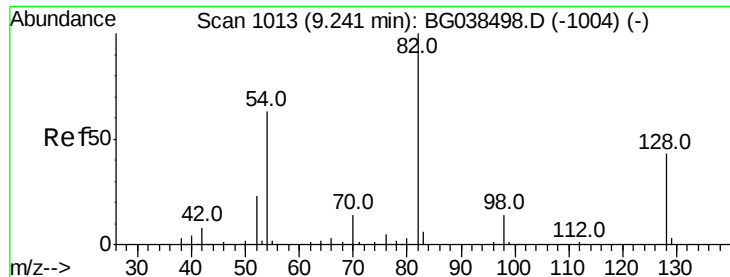
54 11.1 8.5 12.7

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: 101.701 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

RBR-200031

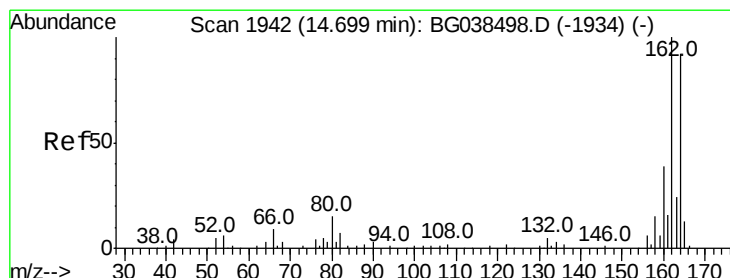
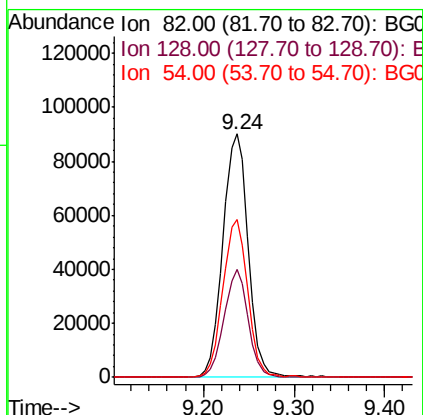
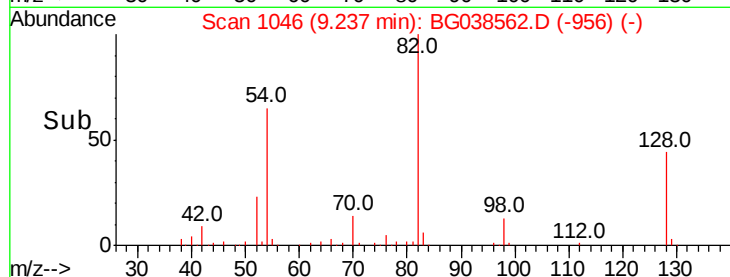
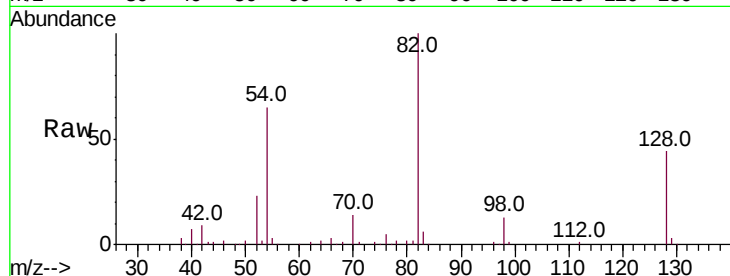
Tot Ion: 82 Resp: 174636

Ion Ratio Lower Upper

82 100

128 44.2 34.6 52.0

54 64.7 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: BG038562.D

Acq: 14 Dec 2018 10:26

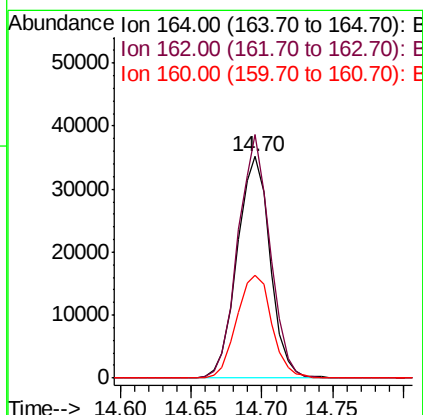
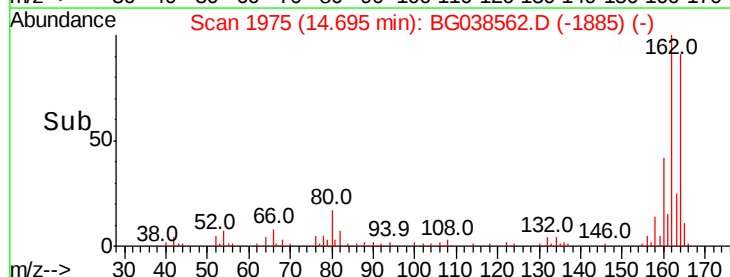
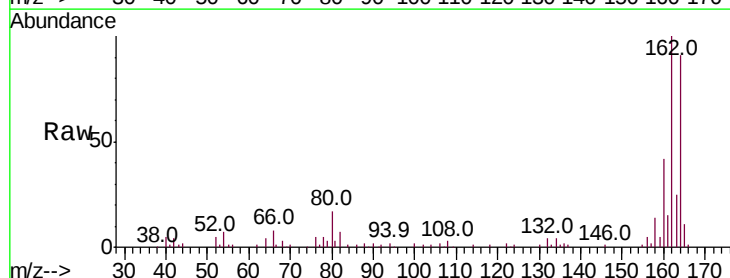
Tgt Ion:164 Resp: 57316

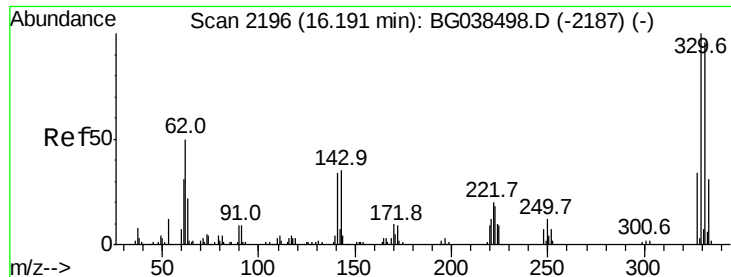
Ion Ratio Lower Upper

164 100

162 109.8 86.6 130.0

160 46.6 34.2 51.2

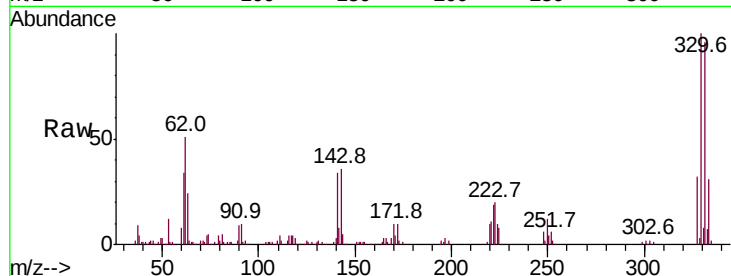




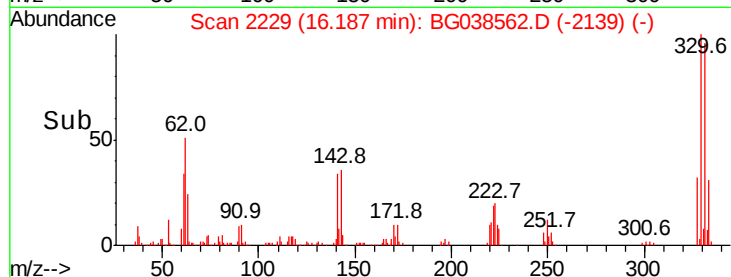
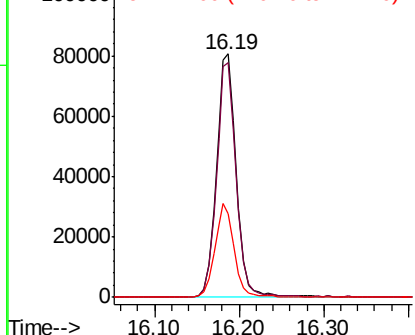
#42
 2,4,6-Tribromophenol
 Concen: 167.634 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	37.3	28.8	43.2

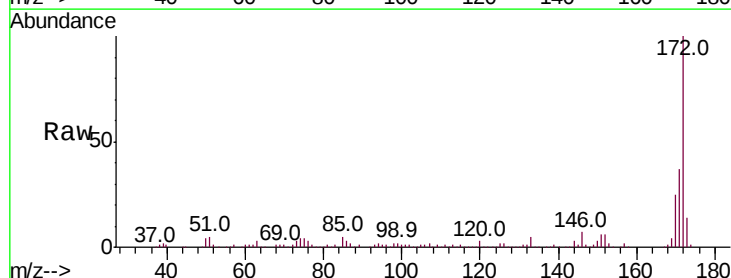


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

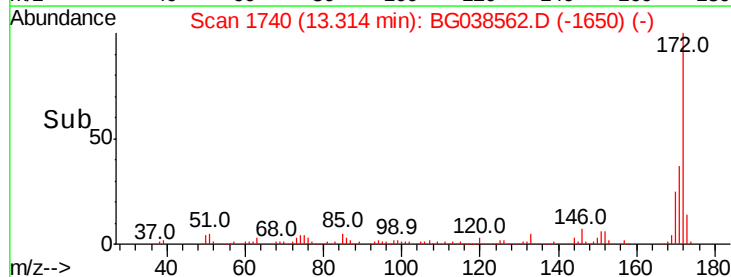
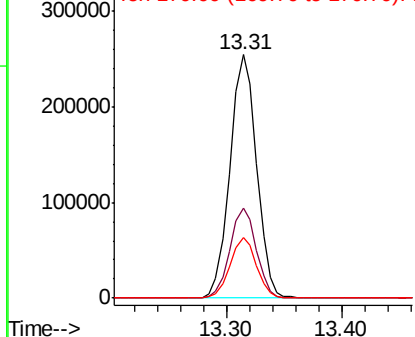


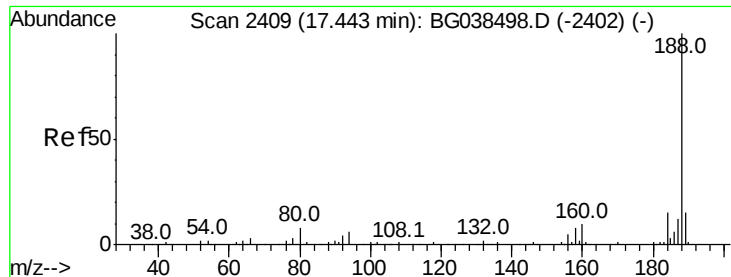
#45
 2-Fluorobiphenyl
 Concen: 97.263 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

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

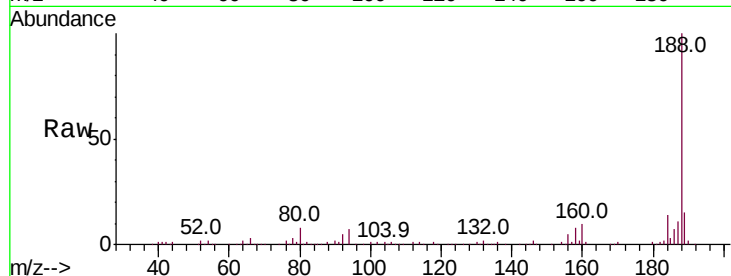




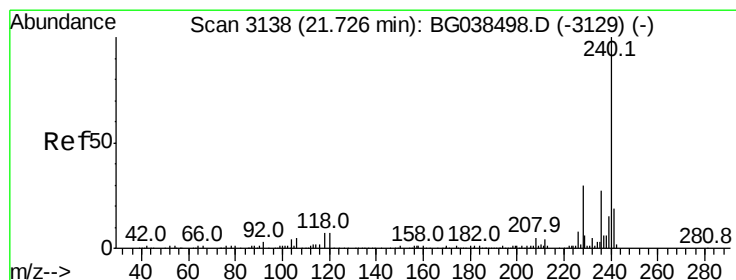
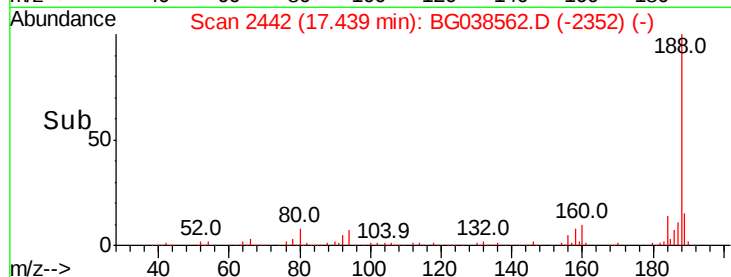
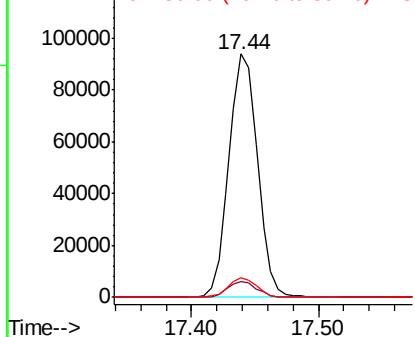
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Instrument :
BNA_G
ClientSampleId :
RBR-200031

Tot Ion:188 Resp: 147214
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 8.2 6.1 9.1

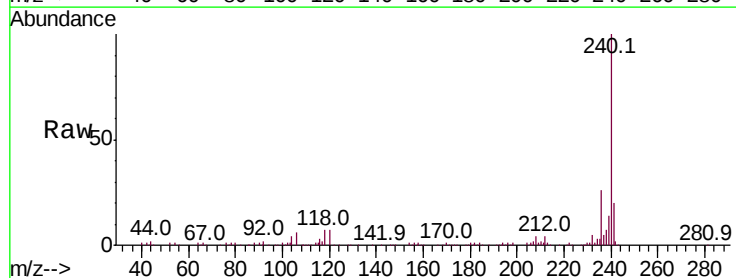


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

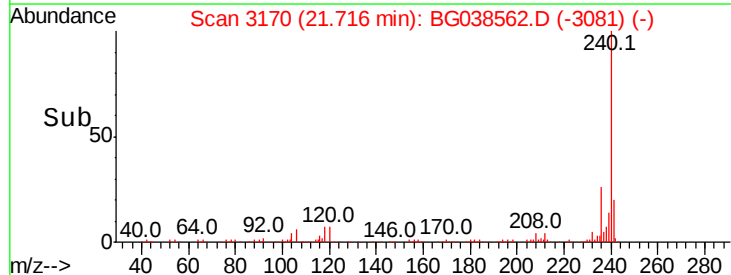
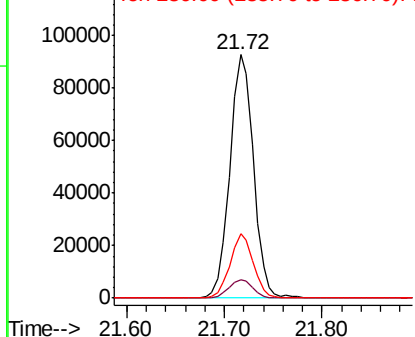


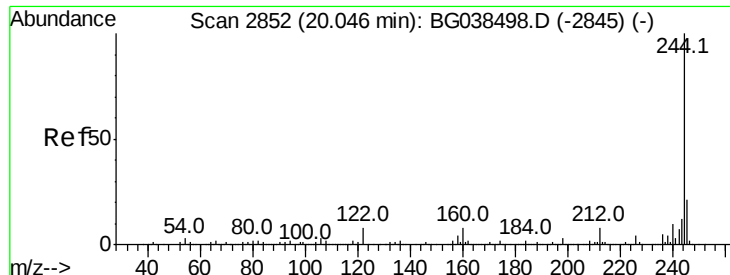
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion:240 Resp: 155434
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 26.4 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: 109.646 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

RBR-200031

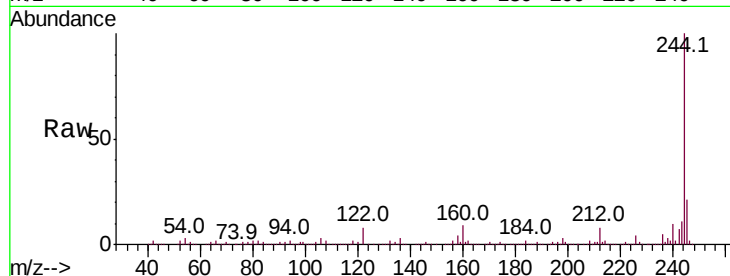
Tot Ion:244 Resp: 783095

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

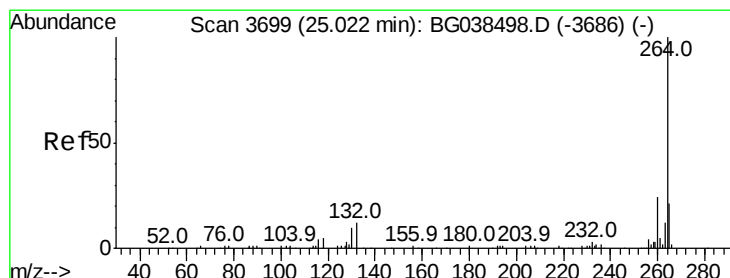
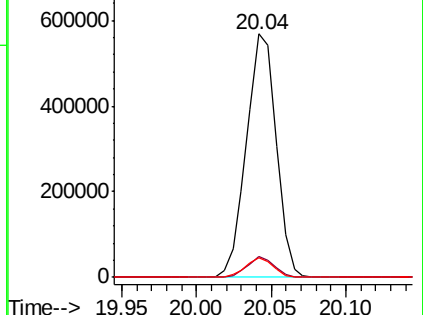
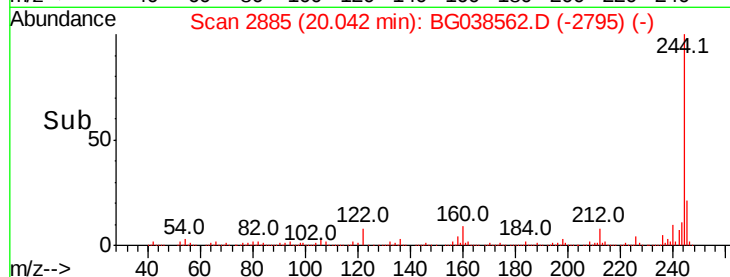
122 8.2 6.3 9.5



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: BG038562.D

Acq: 14 Dec 2018 10:26

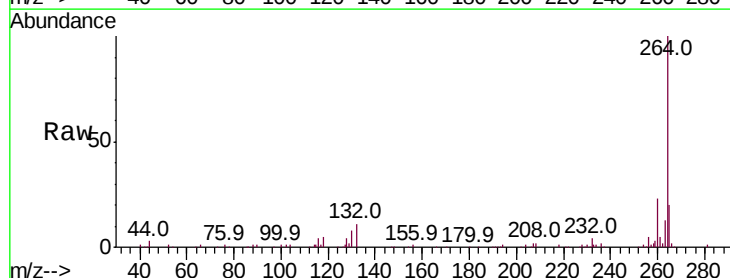
Tgt Ion:264 Resp: 173835

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 20.3 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

