

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038748.D
 Acq On : 20 Dec 2018 4:59
 Operator : JU/SJ
 Sample : J6464-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 290-RT4008-RBR251686

Quant Time: Dec 20 07:51:30 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	26224	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	103189	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	71974	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190453	20.00	ng	0.00
76) Chrysene-d12	21.72	240	189753	20.00	ng	0.00
87) Perylene-d12	25.02	264	202595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	166803	112.82	ng	0.00
7) Phenol-d6	7.21	99	202880	99.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	161938	80.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	129105	130.16	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	427927	81.56	ng	0.00
79) Terphenyl-d14	20.04	244	800520	91.81	ng	0.00

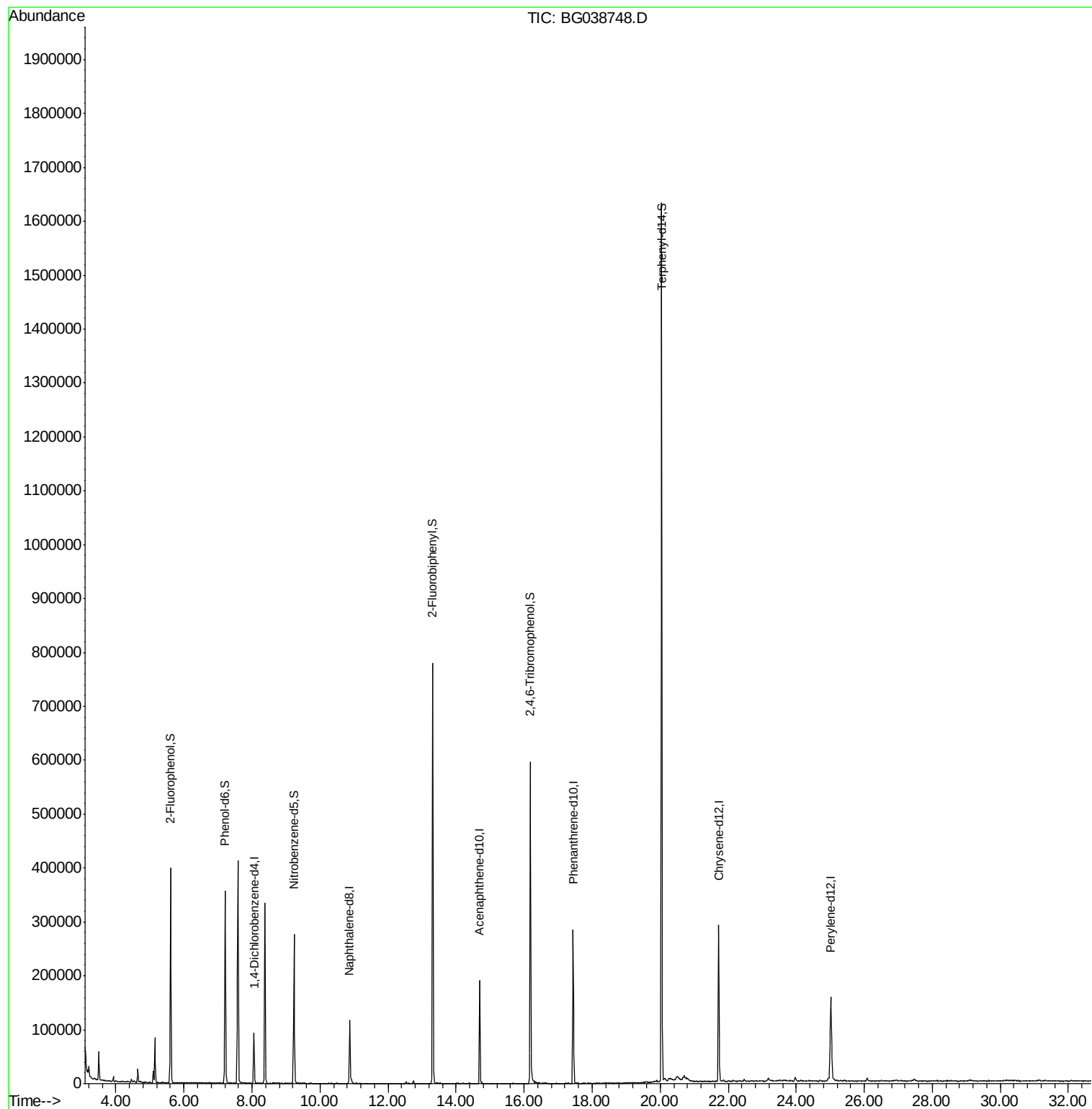
Target Compounds Qvalue

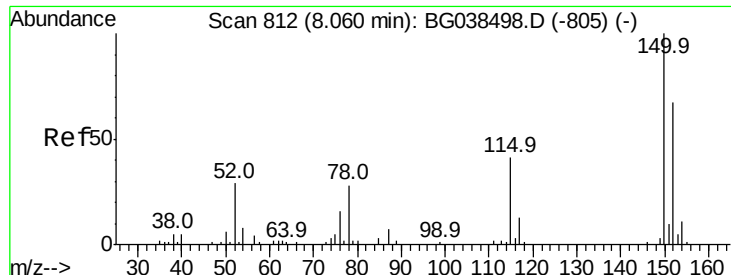
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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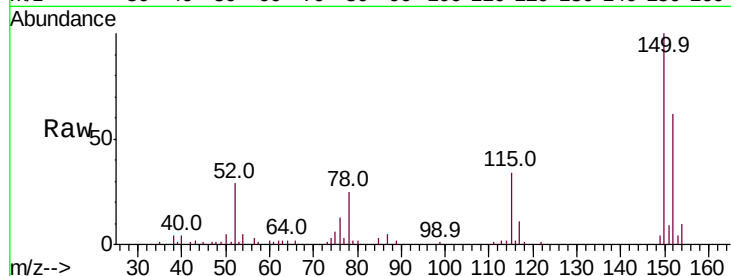


#1

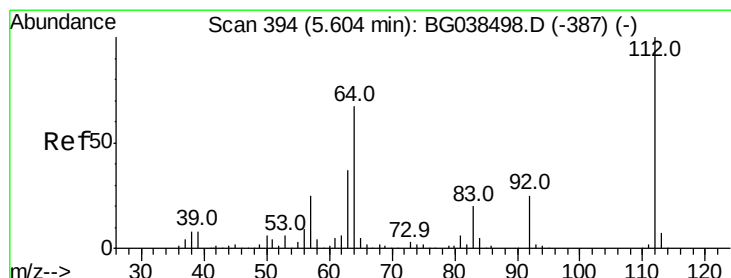
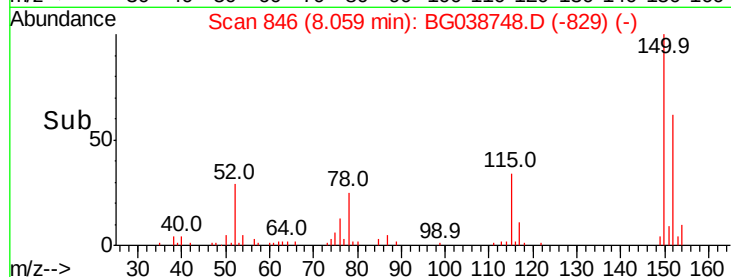
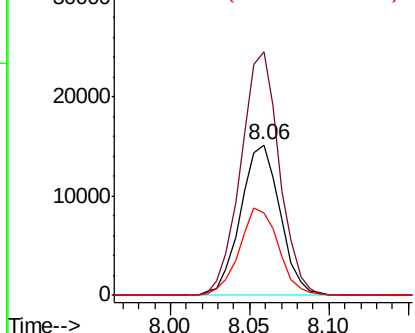
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

Instrument :
BNA_G
ClientSampleId :
290-RT4008-RBR251686

Tot Ion:152 Resp: 26224
Ion Ratio Lower Upper
152 100
150 161.7 119.5 179.3
115 54.3 49.6 74.4



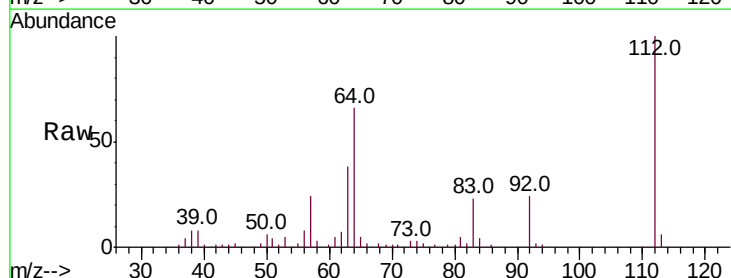
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



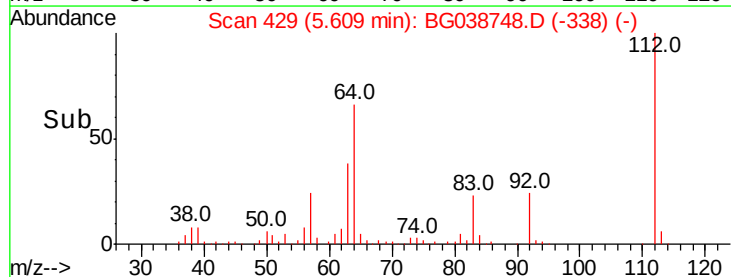
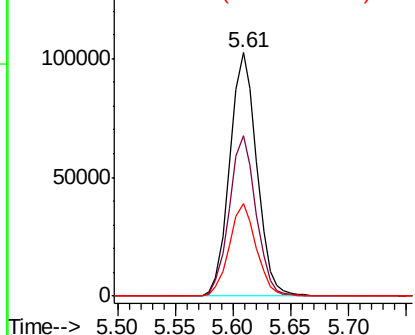
#5

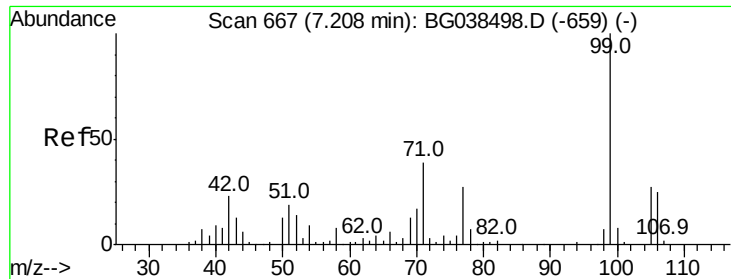
2-Fluorophenol
Concen: 112.817 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

Tgt Ion:112 Resp: 166803
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 38.1 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: 99.954 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038748.D

Acq: 20 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

290-RT4008-RBR251686

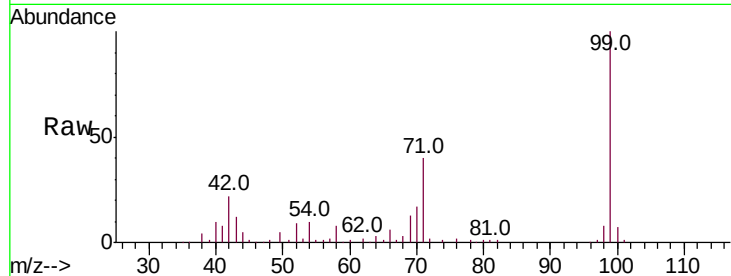
Tot Ion: 99 Resp: 202880

Ion Ratio Lower Upper

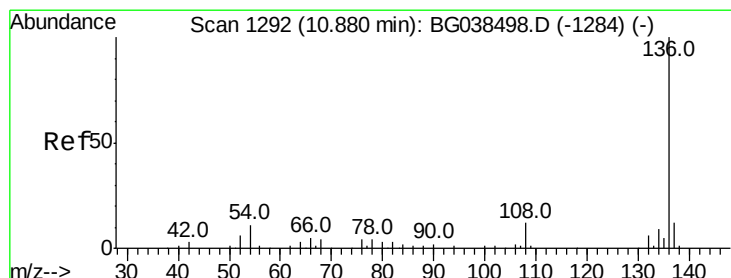
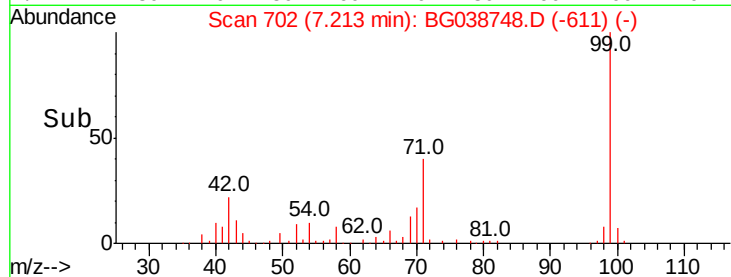
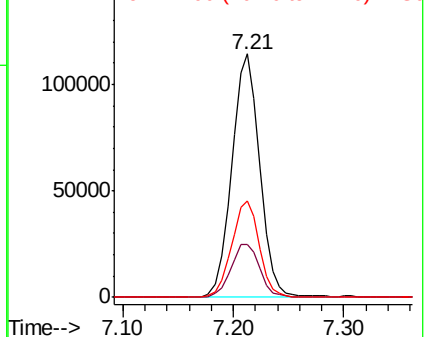
99 100

42 21.5 18.5 27.7

71 39.6 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: BG038748.D

Acq: 20 Dec 2018 4:59

Tgt Ion: 136 Resp: 103189

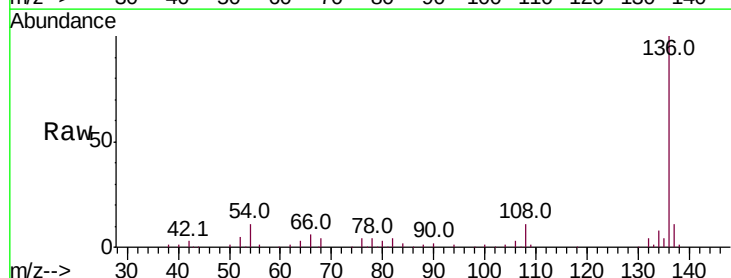
Ion Ratio Lower Upper

136 100

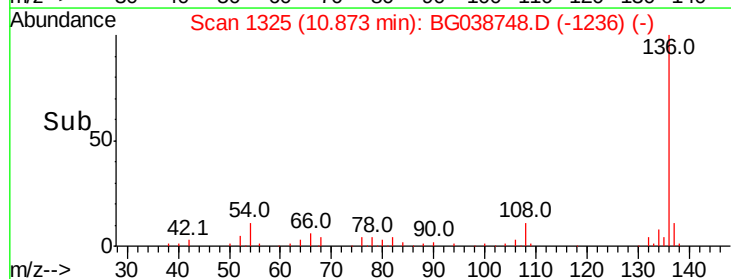
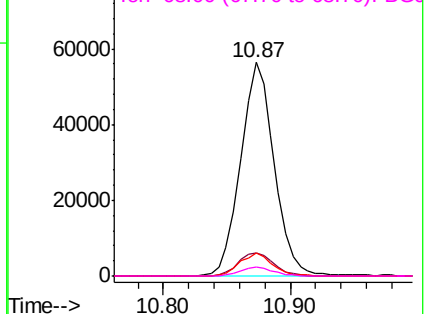
137 10.6 9.3 13.9

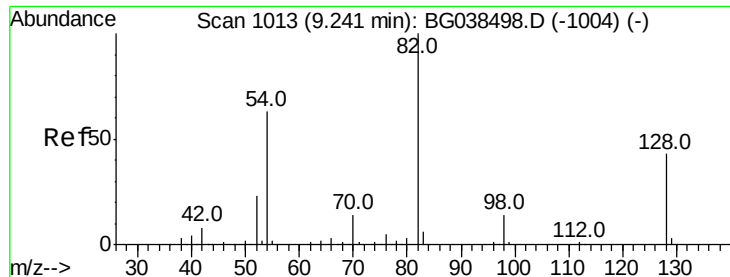
54 11.0 8.5 12.7

68 4.2 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

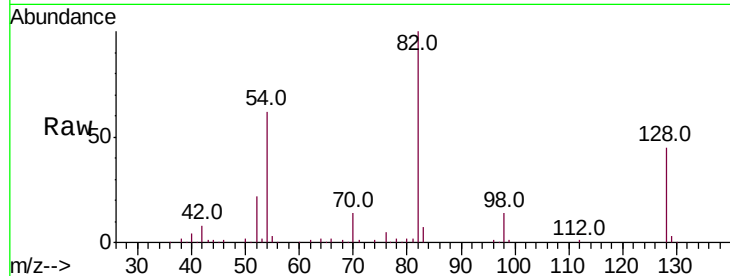




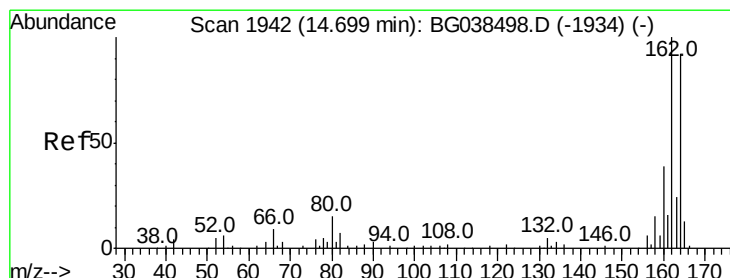
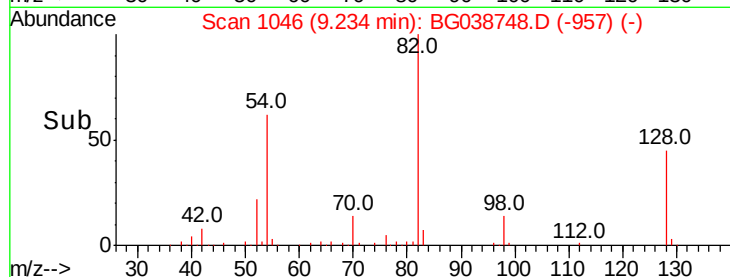
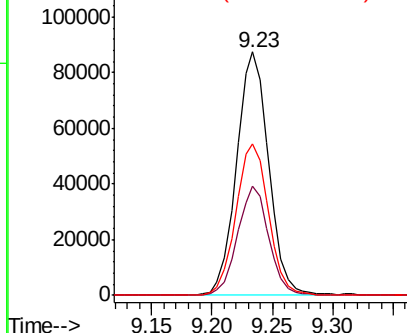
#23
Nitrobenzene-d5
Concen: 80.173 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

Instrument :
BNA_G
ClientSampleId :
290-RT4008-RBR251686

Tot Ion: 82 Resp: 161938
Ion Ratio Lower Upper
82 100
128 45.1 34.6 52.0
54 62.4 50.6 76.0

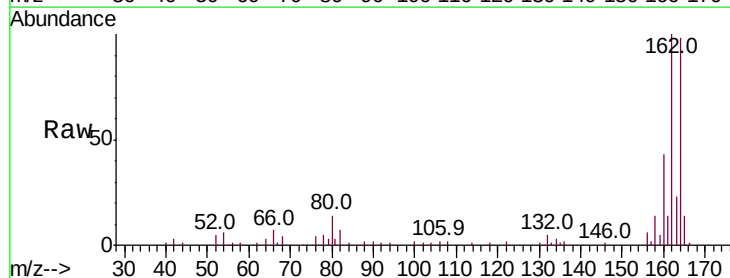


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

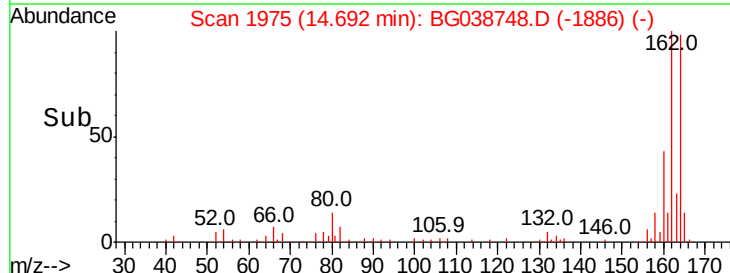
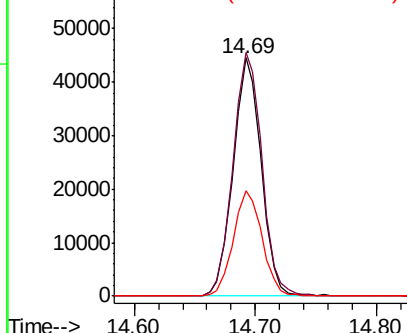


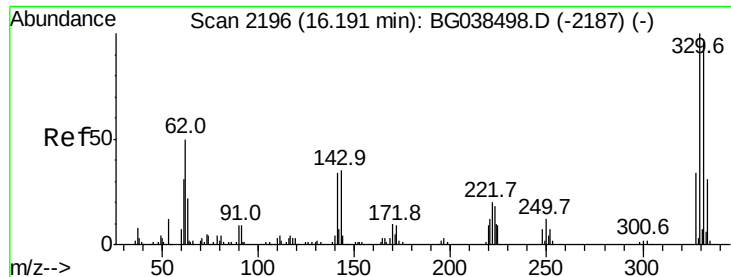
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

Tgt Ion: 164 Resp: 71974
Ion Ratio Lower Upper
164 100
162 102.1 86.6 130.0
160 44.2 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: 130.155 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038748.D

Acq: 20 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

290-RT4008-RBR251686

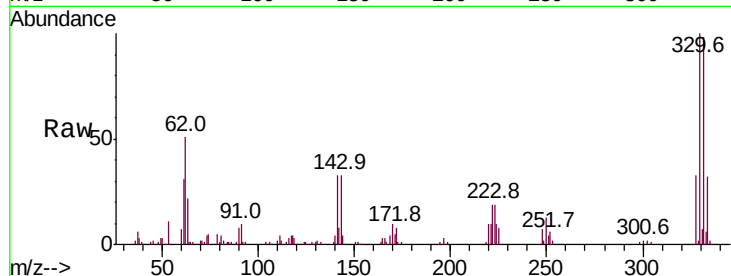
Tot Ion:330 Resp: 129105

Ion Ratio Lower Upper

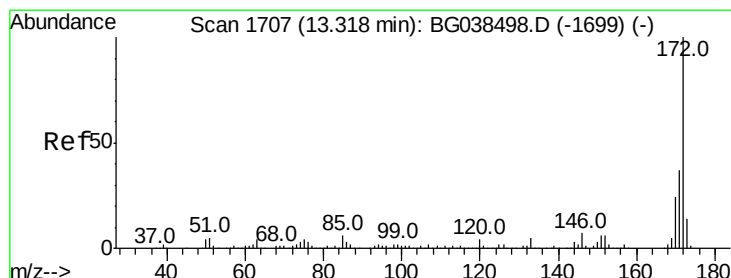
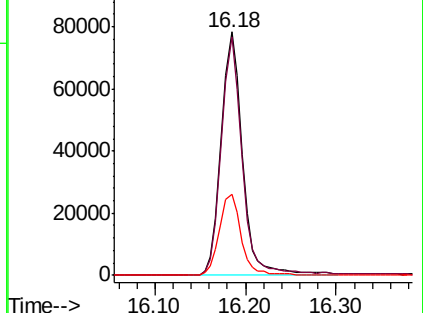
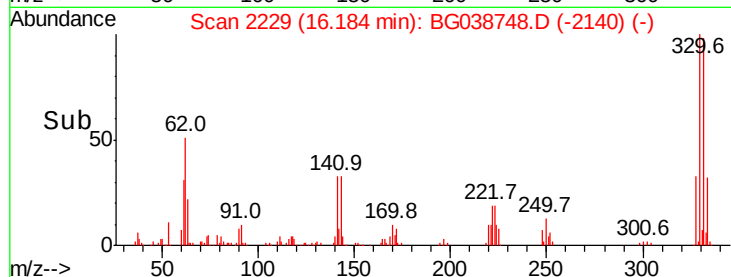
330 100

332 94.5 76.9 115.3

141 33.7 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: 81.564 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038748.D

Acq: 20 Dec 2018 4:59

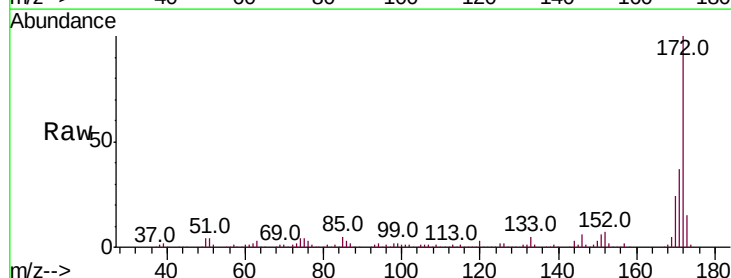
Tgt Ion:172 Resp: 427927

Ion Ratio Lower Upper

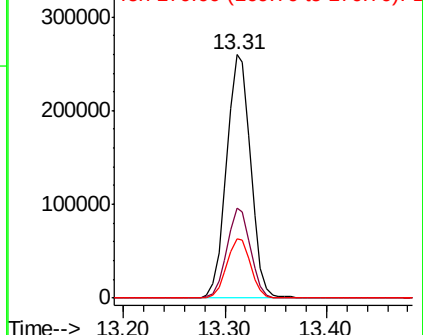
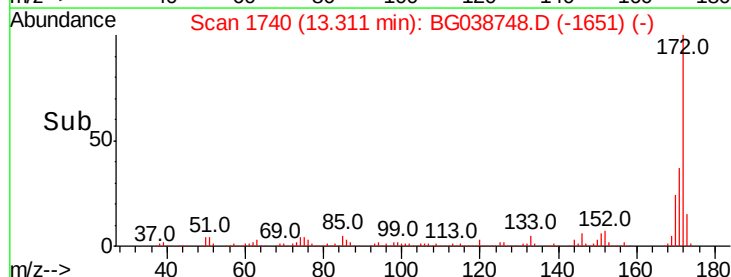
172 100

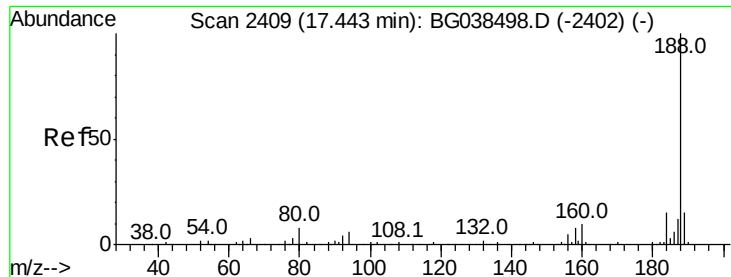
171 37.0 29.8 44.6

170 24.4 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

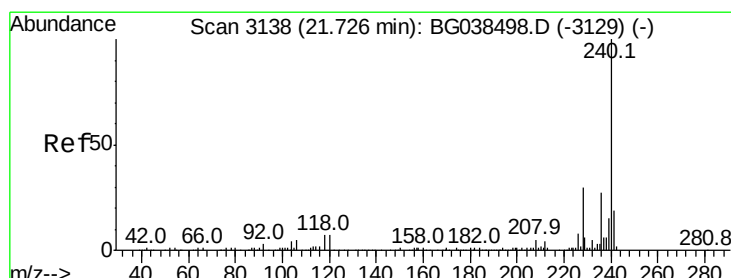
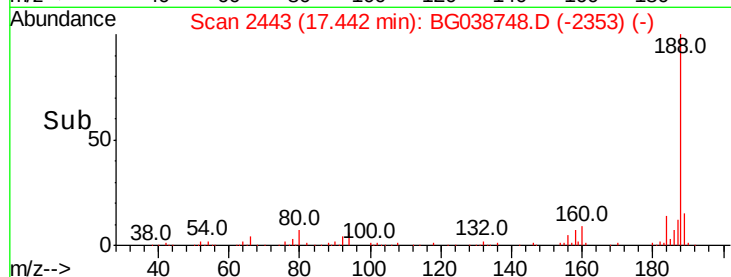
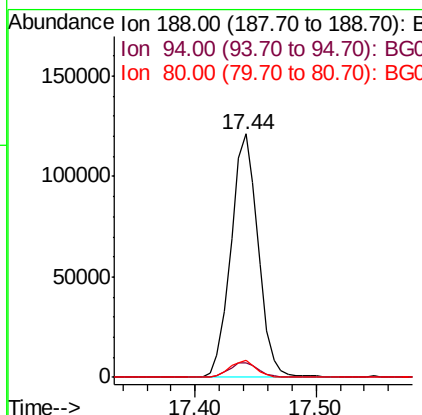
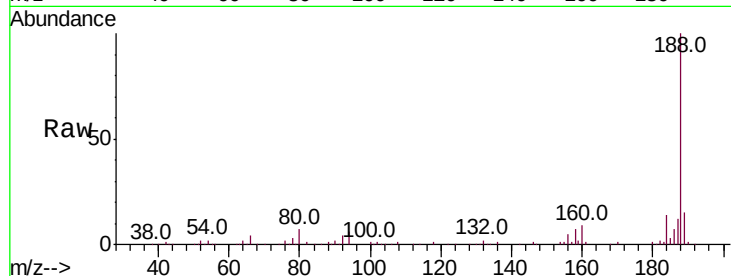




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

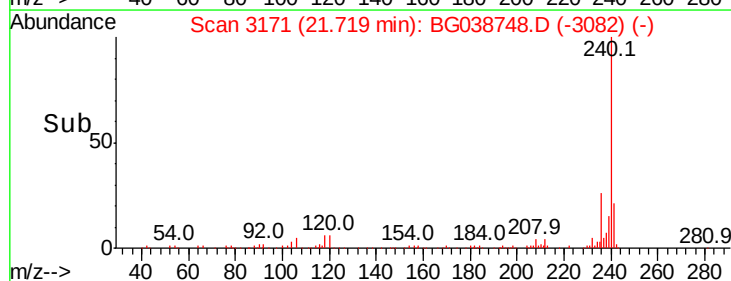
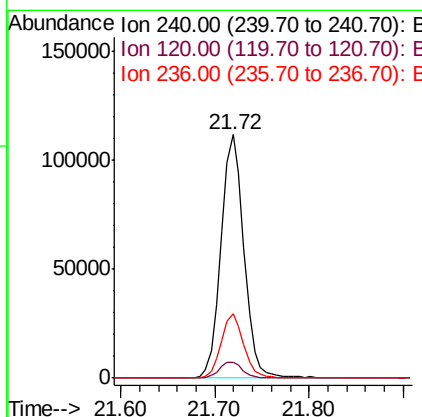
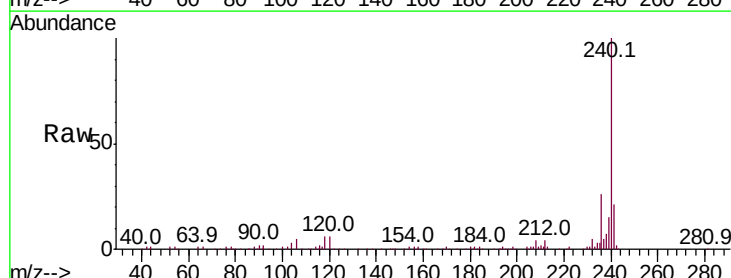
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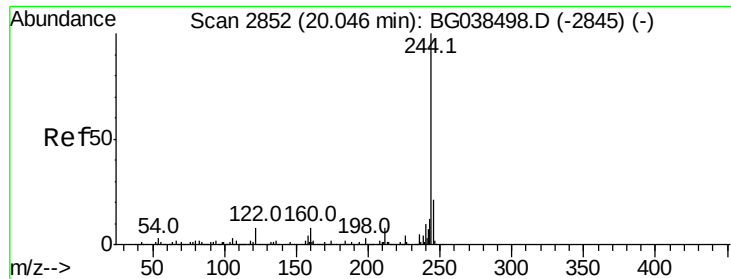
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	6.2	5.1	7.7	
80	6.8	6.1	9.1	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038748.D
Acq: 20 Dec 2018 4:59

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	6.4	5.3	7.9	
236	26.5	21.4	32.2	





#79

Terphenyl-d14

Concen: 91.814 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038748.D

Acq: 20 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

290-RT4008-RBR251686

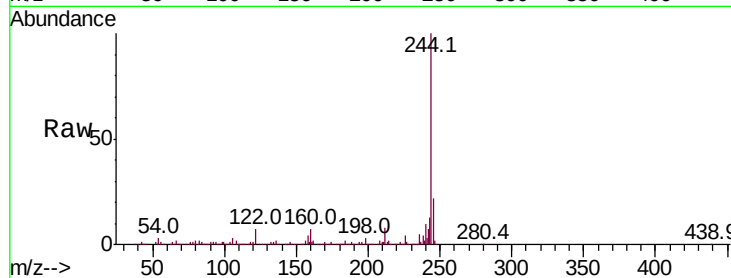
Tot Ion:244 Resp: 800520

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

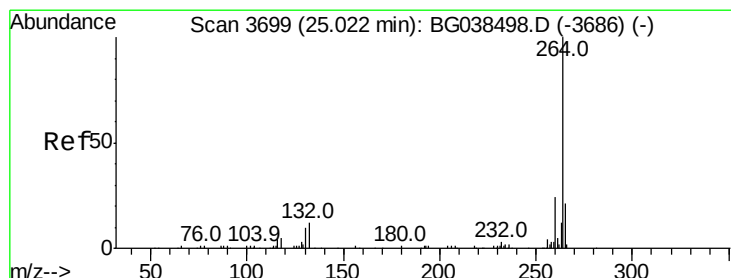
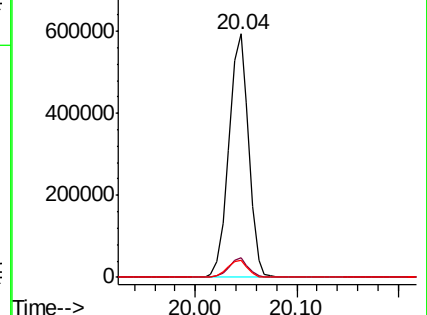
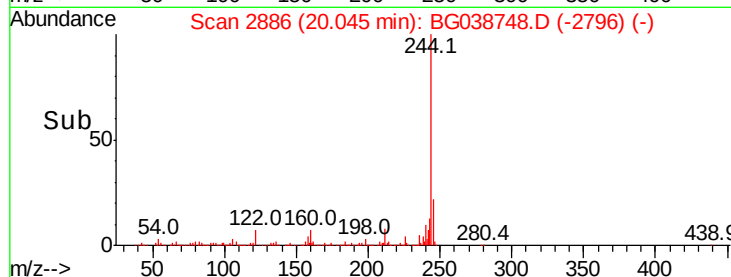
122 6.8 6.3 9.5



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: BG038748.D

Acq: 20 Dec 2018 4:59

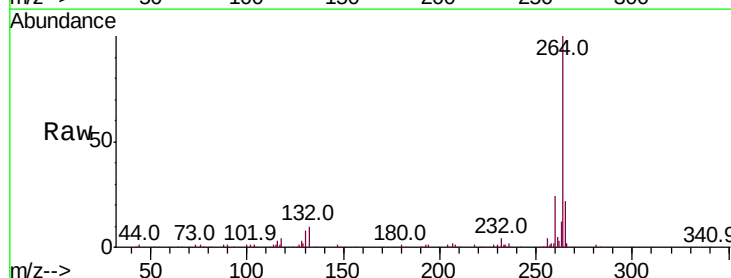
Tgt Ion:264 Resp: 202595

Ion Ratio Lower Upper

264 100

260 24.1 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

