

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038917.D
 Acq On : 3 Jan 2019 23:57
 Operator : JU/SJ
 Sample : K1017-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jan 04 04:51:11 2019
 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

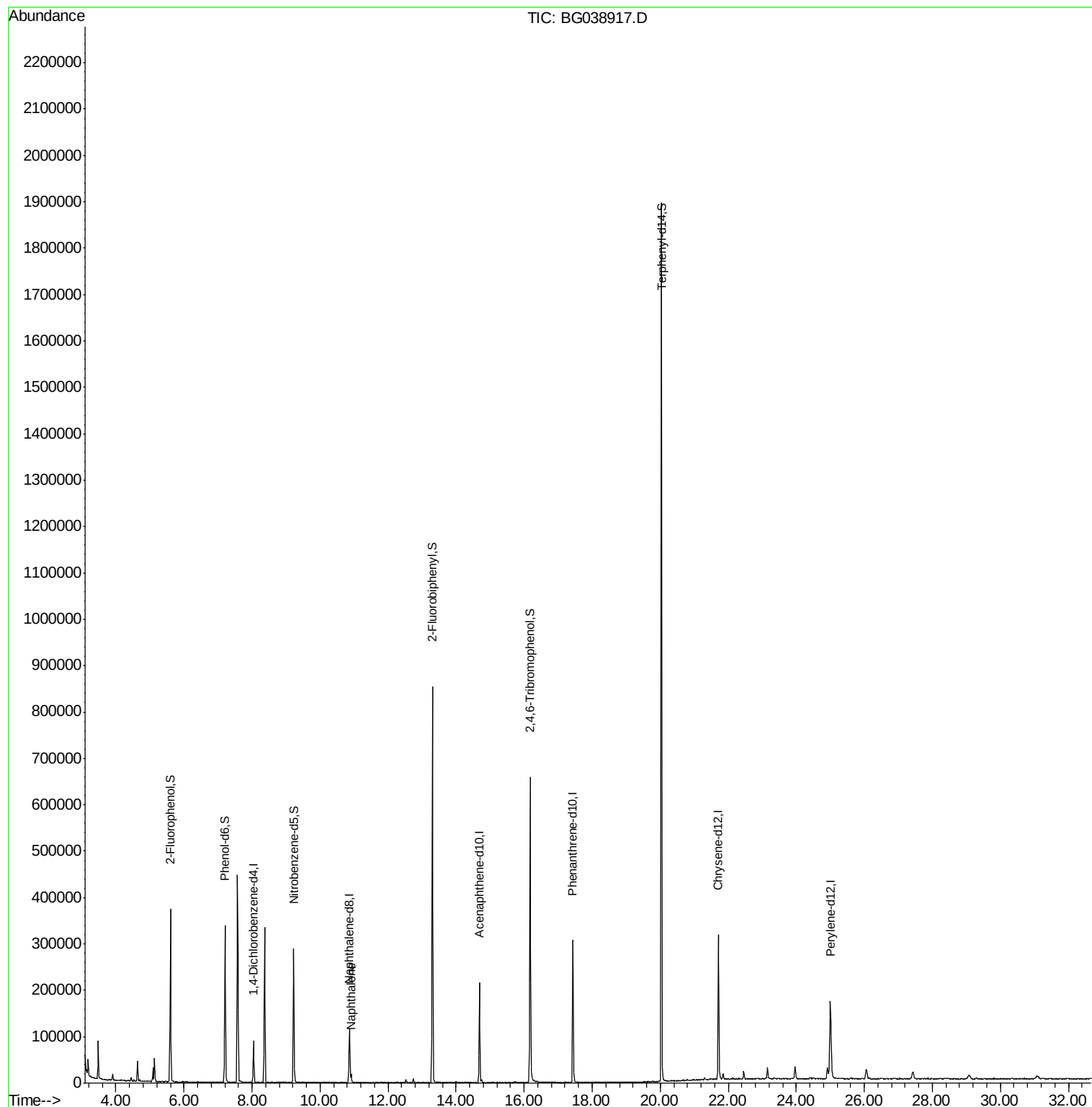
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26941	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	106945	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	79469	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	212668	20.00	ng	0.00
76) Chrysene-d12	21.71	240	215779	20.00	ng	-0.01
87) Perylene-d12	25.00	264	220261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	166728	109.76	ng	0.00
7) Phenol-d6	7.21	99	200114	95.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	172695	82.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	153891	140.51	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	472465	81.56	ng	-0.01
79) Terphenyl-d14	20.04	244	966245	97.45	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	16495	3.130	ng	Qvalue # 94

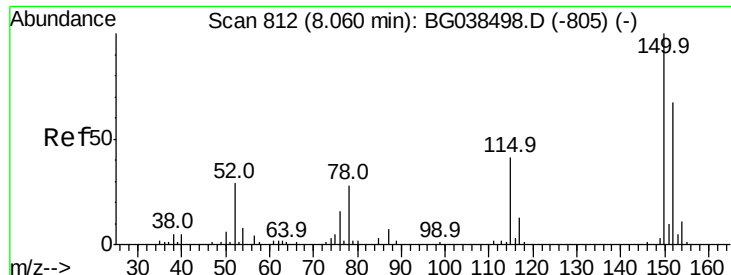
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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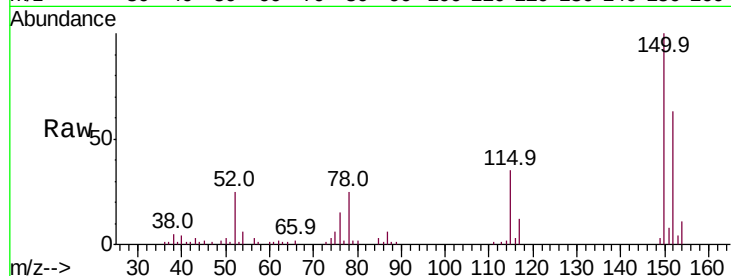


#1

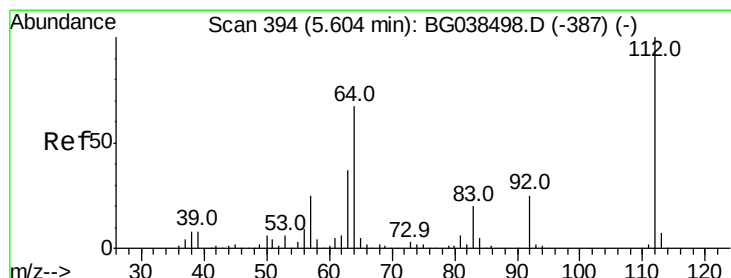
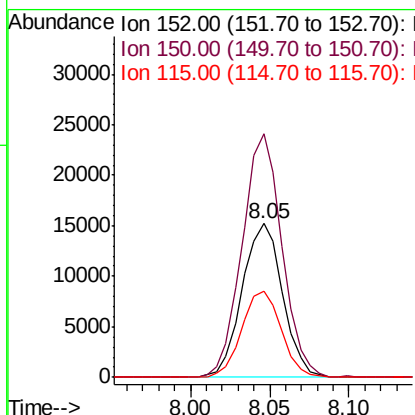
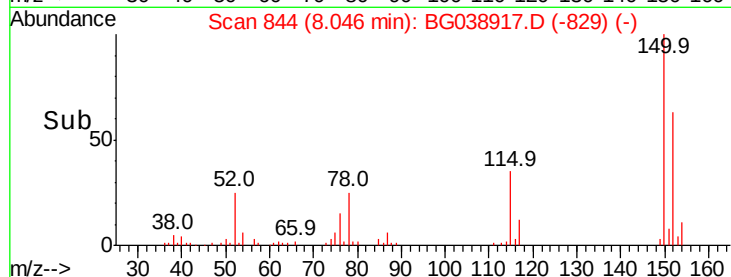
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038917.D
Acq: 3 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:152 Resp: 26941
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 56.2 49.6 74.4



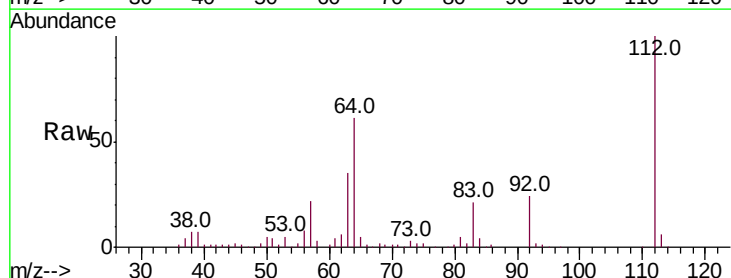
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



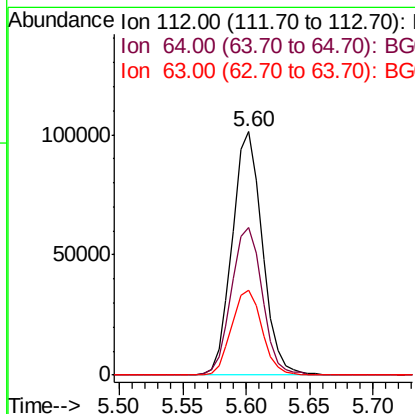
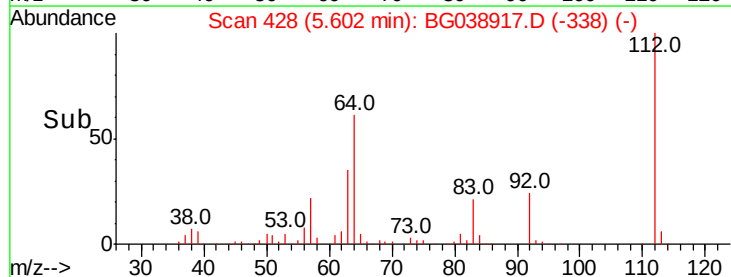
#5

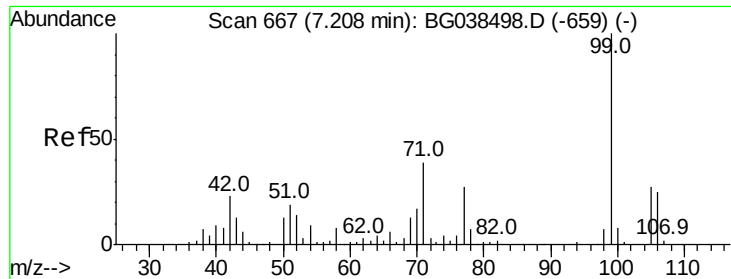
2-Fluorophenol
Concen: 109.765 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038917.D
Acq: 3 Jan 2019 23:57

Tgt Ion:112 Resp: 166728
Ion Ratio Lower Upper
112 100
64 60.6 53.4 80.2
63 34.9 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: 95.967 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

Instrument :

BNA_G

ClientSampled :

TP-3

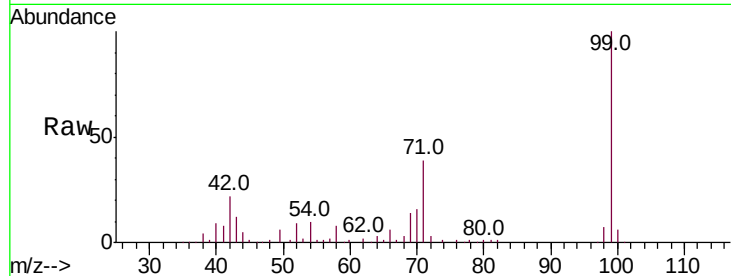
Tot Ion: 99 Resp: 200114

Ion Ratio Lower Upper

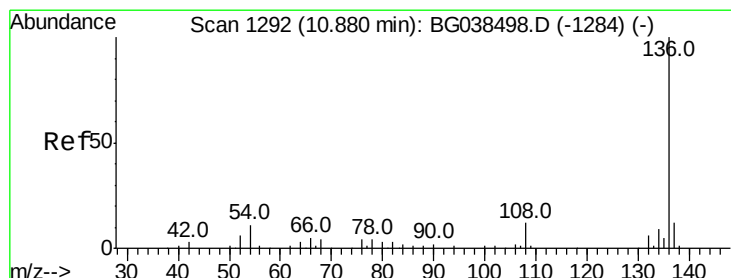
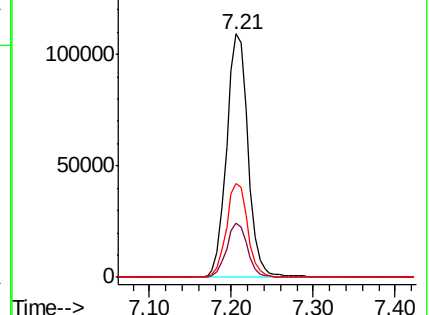
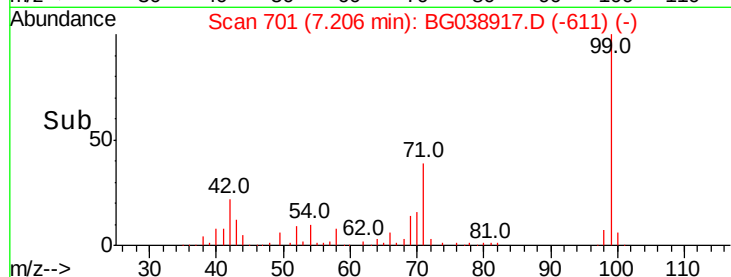
99 100

42 22.3 18.5 27.7

71 38.8 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# 1324

Delta R.T. -0.01 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

Tgt Ion: 136 Resp: 106945

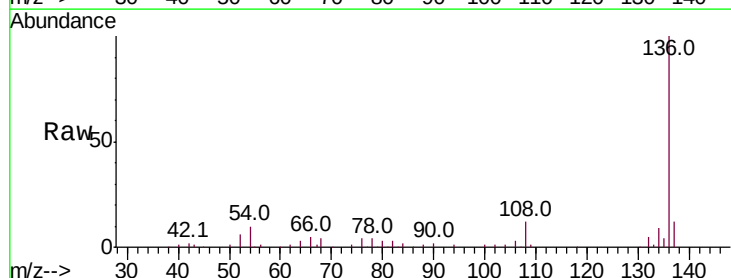
Ion Ratio Lower Upper

136 100

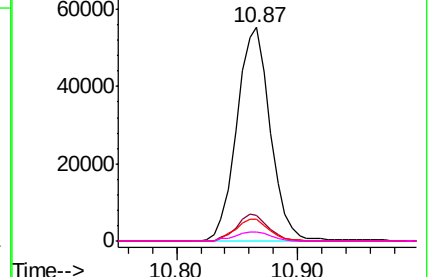
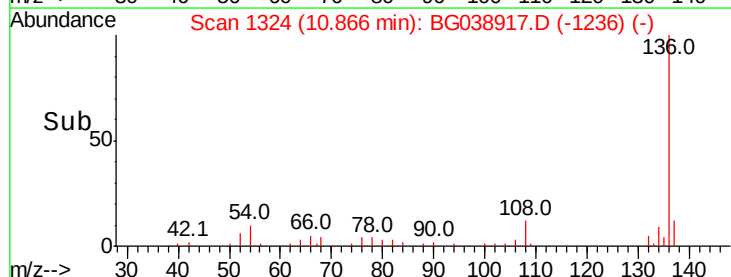
137 11.7 9.3 13.9

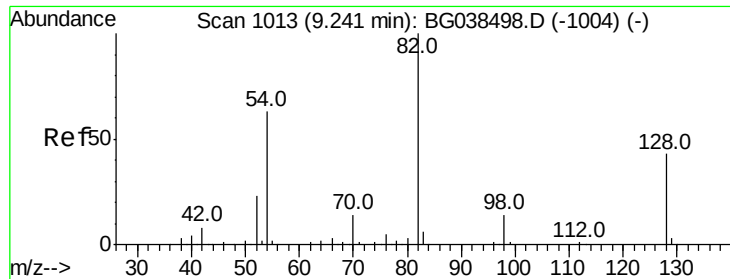
54 10.0 8.5 12.7

68 4.0 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

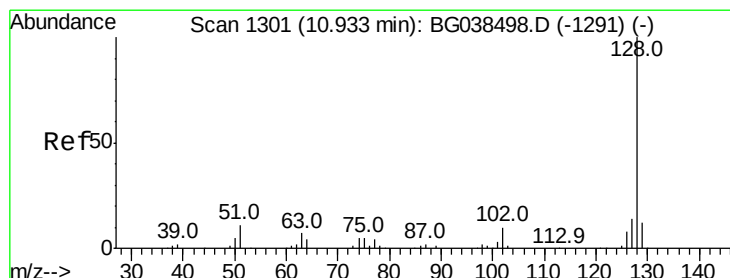
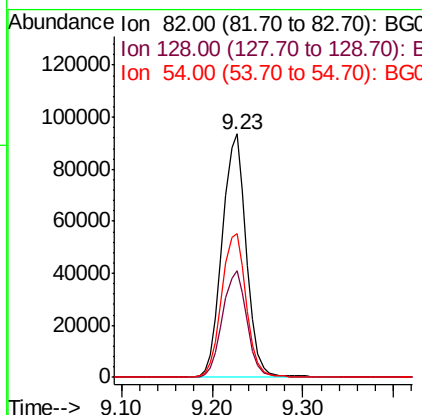
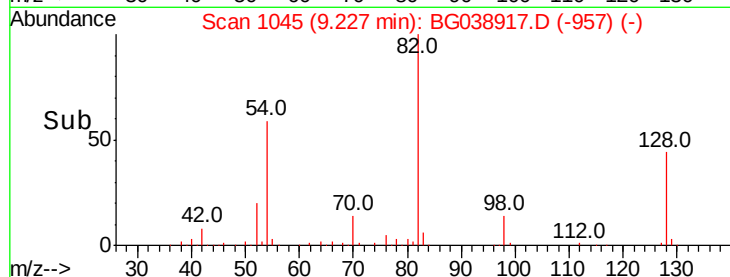
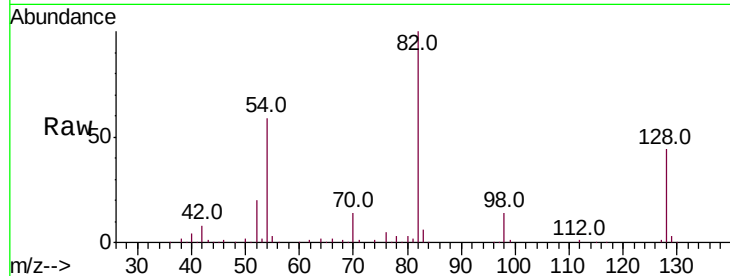




#23
 Nitrobenzene-d5
 Concen: 82.496 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038917.D
 Acq: 3 Jan 2019 23:57

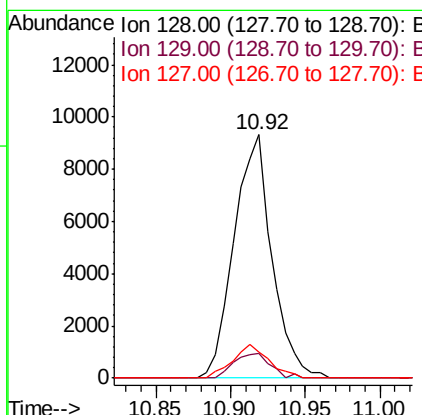
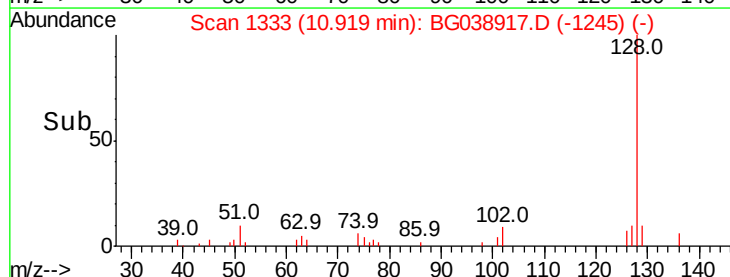
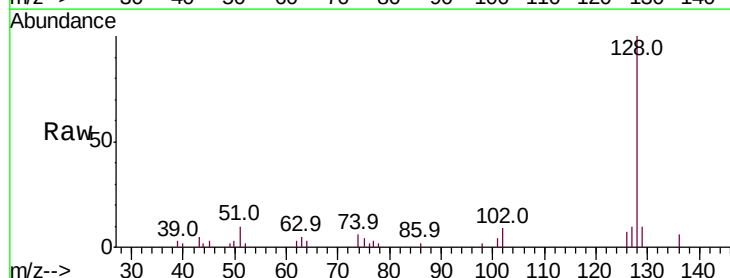
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

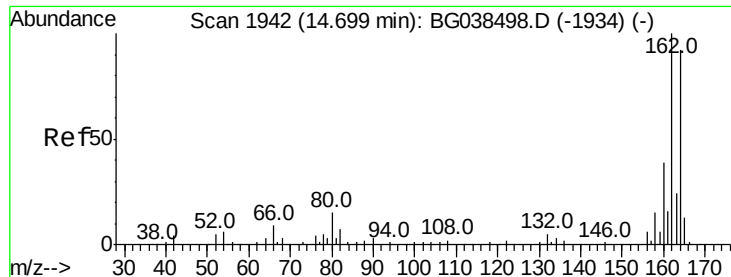
Tot Ion: 82 Resp: 172695
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 52.0
 54 59.1 50.6 76.0



#31
 Naphthalene
 Concen: 3.130 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BG038917.D
 Acq: 3 Jan 2019 23:57

Tgt Ion: 128 Resp: 16495
 Ion Ratio Lower Upper
 128 100
 129 10.2 9.5 14.3
 127 10.4 10.9 16.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

Instrument :

BNA_G

ClientSampleId :

TP-3

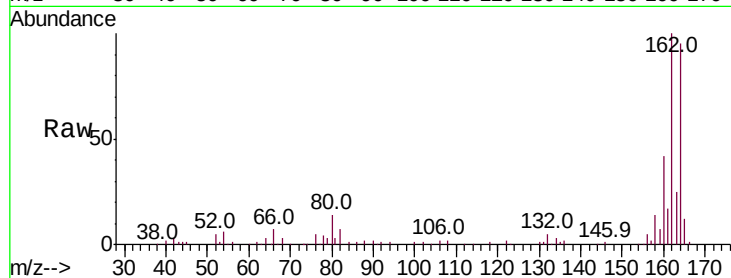
Tot Ion:164 Resp: 79469

Ion Ratio Lower Upper

164 100

162 105.2 86.6 130.0

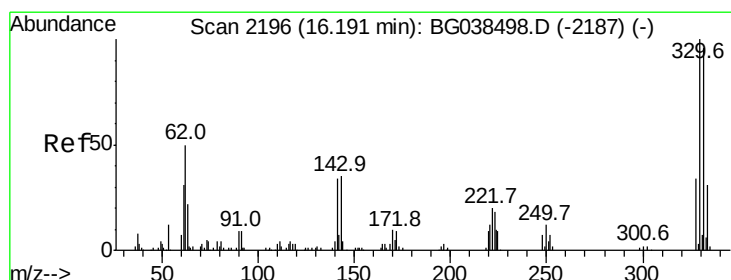
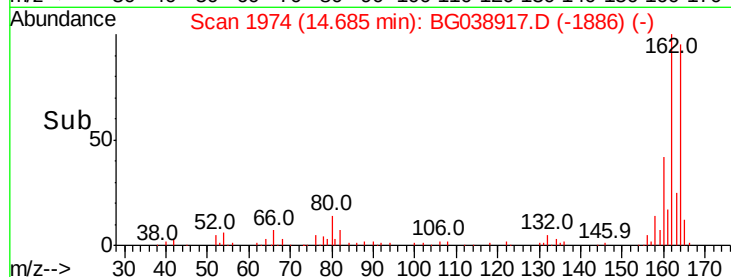
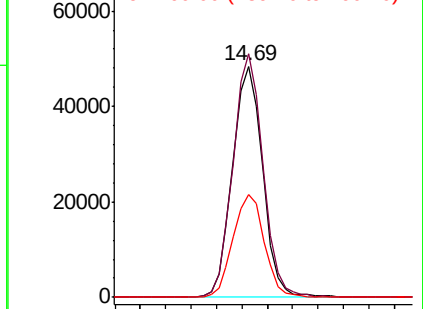
160 44.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 140.511 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

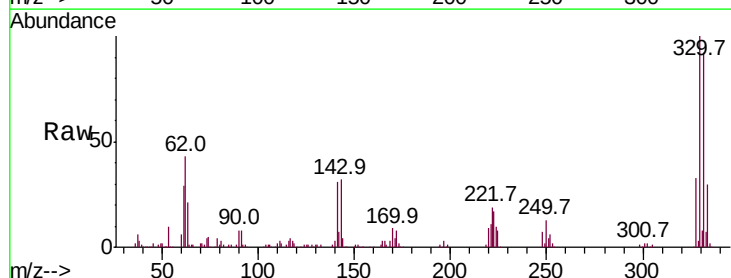
Tgt Ion:330 Resp: 153891

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

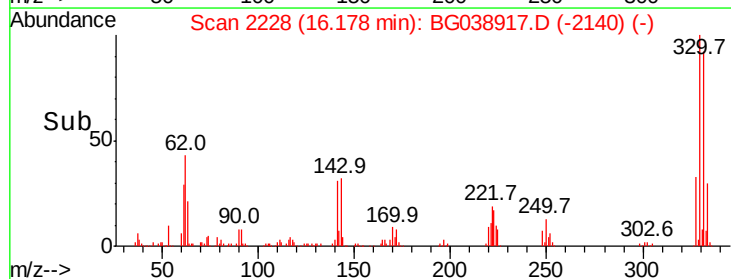
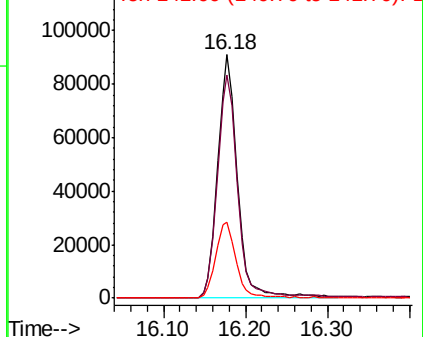
141 31.6 28.8 43.2

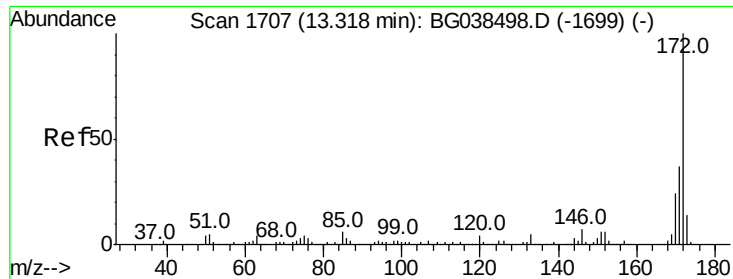


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

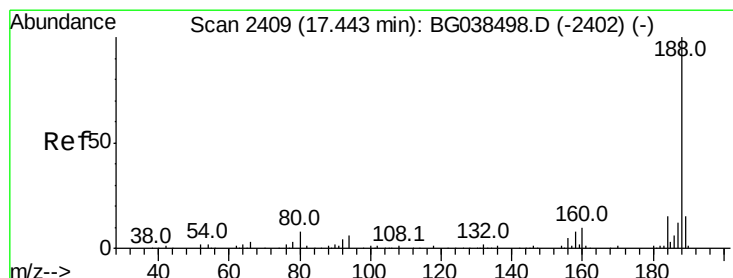
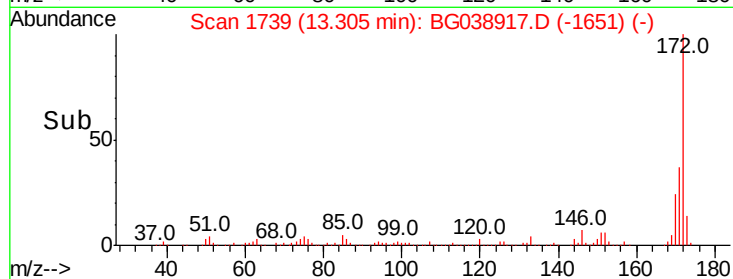
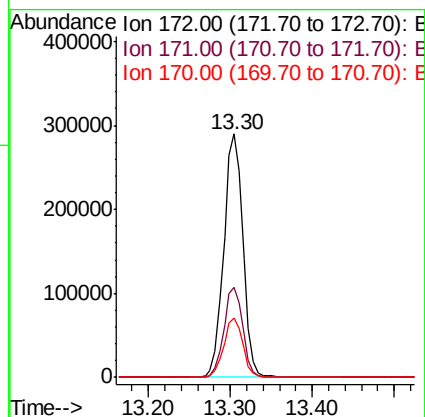
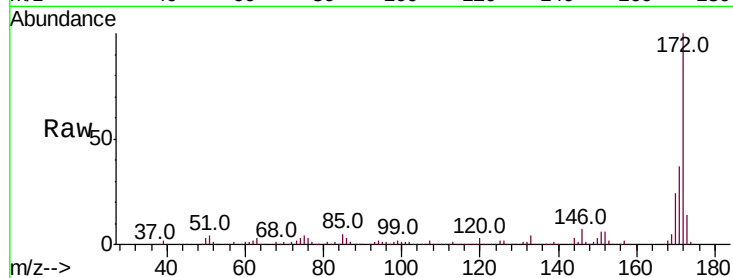




#45
 2-Fluorobiphenyl
 Concen: 81.560 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038917.D
 Acq: 3 Jan 2019 23:57

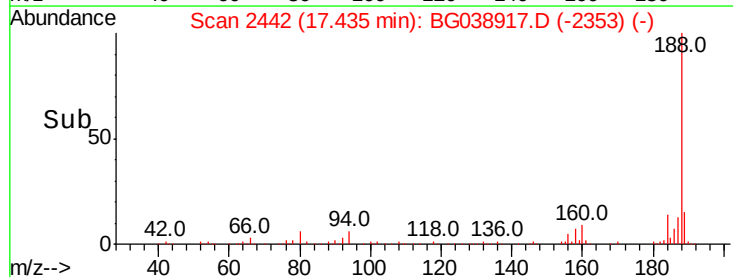
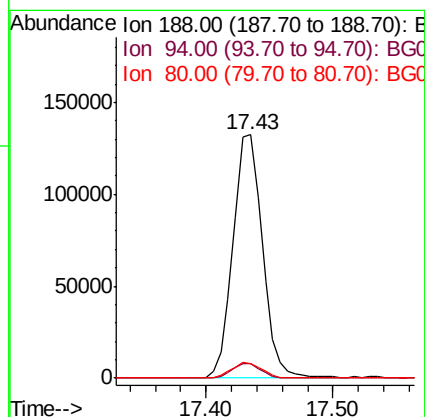
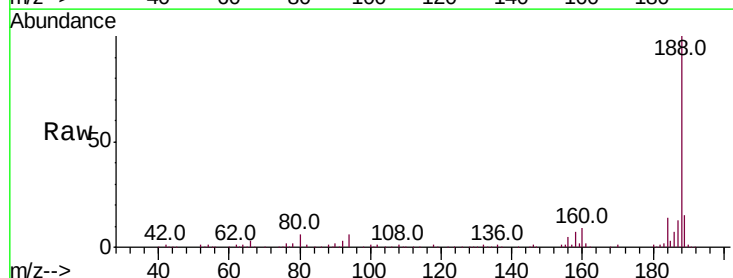
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 BNA_G
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 TP-3

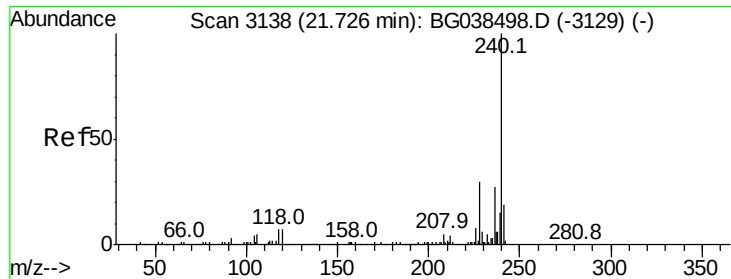
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.5	19.5	29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038917.D
 Acq: 3 Jan 2019 23:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.1	6.1	9.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

Instrument :

BNA_G

ClientSampleId :

TP-3

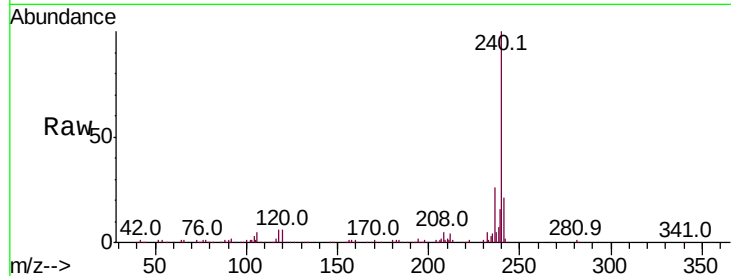
Tot Ion:240 Resp: 215779

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

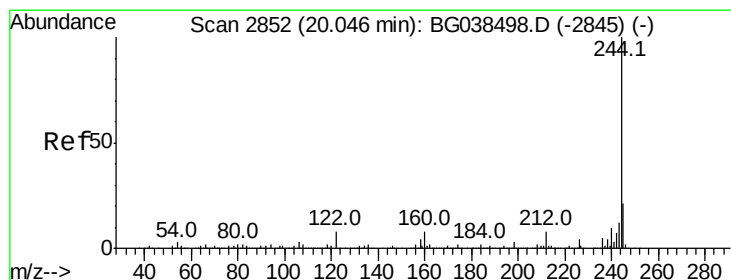
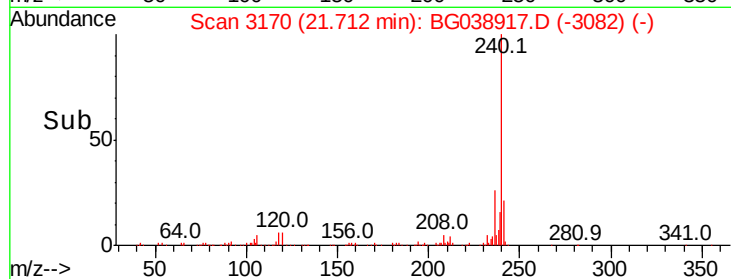
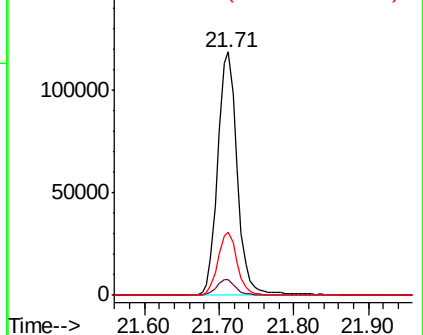
236 25.8 21.4 32.2



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: 97.455 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038917.D

Acq: 3 Jan 2019 23:57

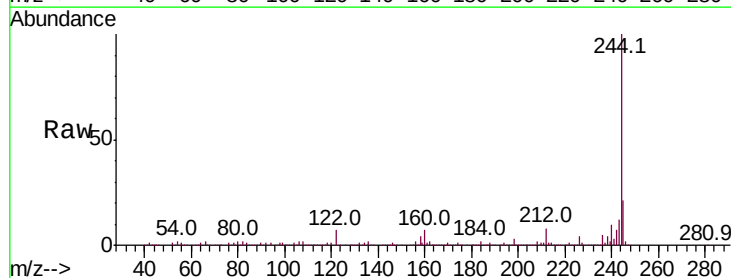
Tgt Ion:244 Resp: 966245

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

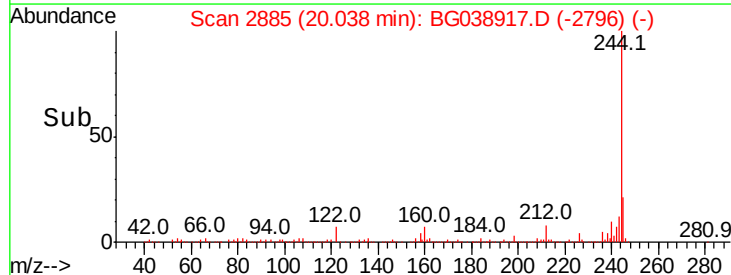
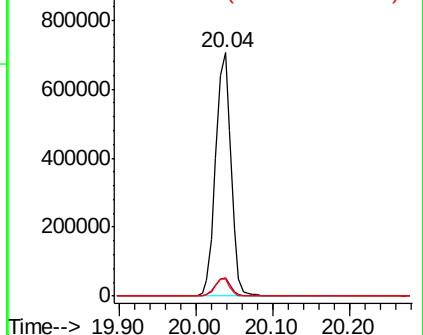
122 6.9 6.3 9.5

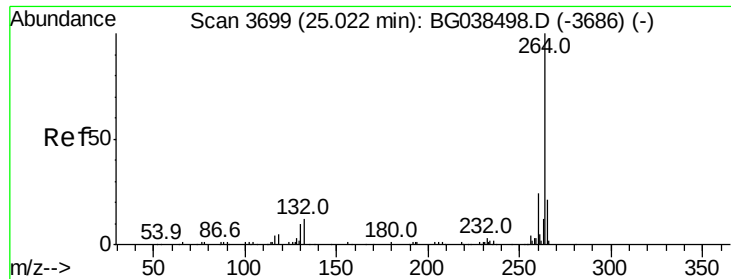


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.02 min
 Lab File: BG038917.D
 Acq: 3 Jan 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.9	28.3
265	20.2	17.0	25.4

