

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038398.D
 Acq On : 7 Dec 2018 1:45
 Operator : JU/SJ
 Sample : J6254-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120418-TIPC-F-U-M

Quant Time: Dec 07 04:34:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

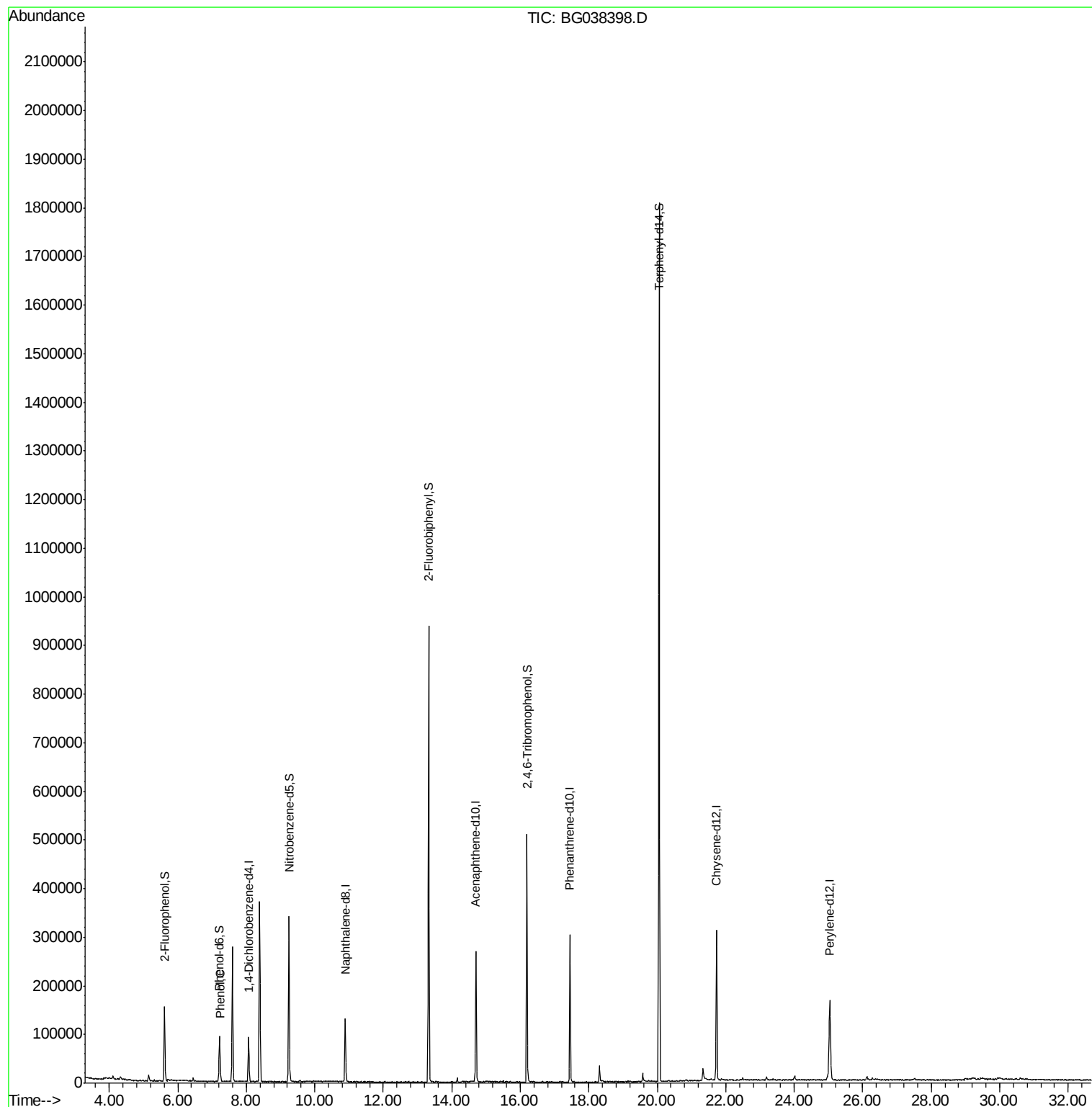
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26690	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	118873	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	96568	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	195907	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187032	20.00	ng	-0.01
87) Perylene-d12	25.04	264	198003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	68010	45.09	ng	0.00
7) Phenol-d6	7.21	99	56980	26.14	ng	-0.01
23) Nitrobenzene-d5	9.25	82	209509	87.50	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	100311	84.62	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	514913	75.98	ng	0.00
79) Terphenyl-d14	20.06	244	881512	100.97	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10969	4.763	ng	Qvalue 94

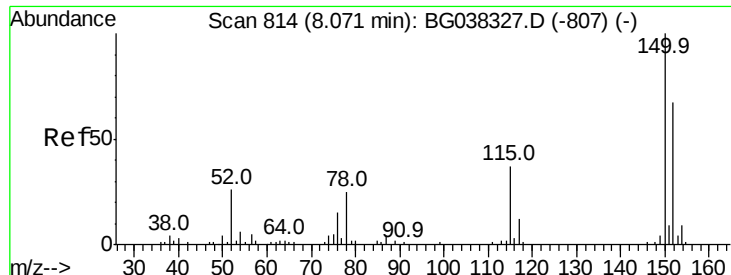
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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120418-TIPC-F-U-M

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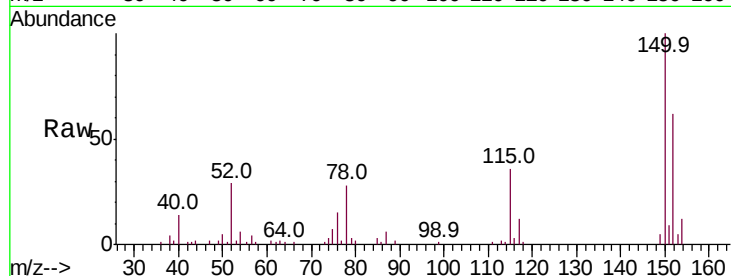


#1

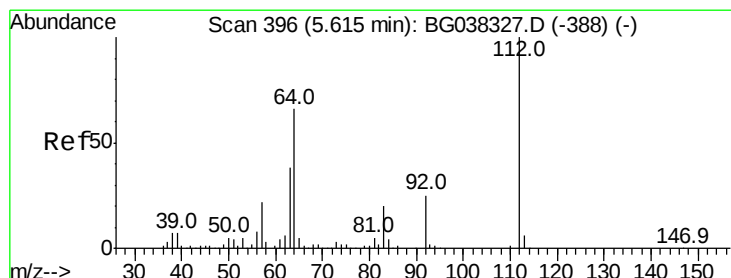
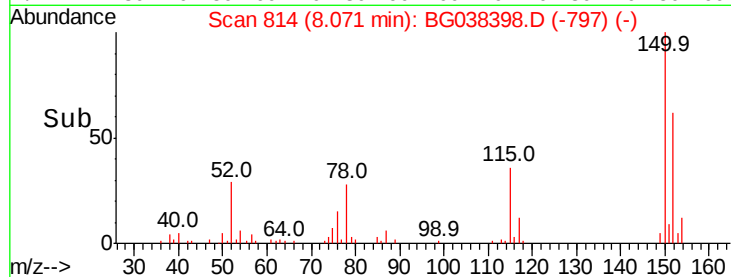
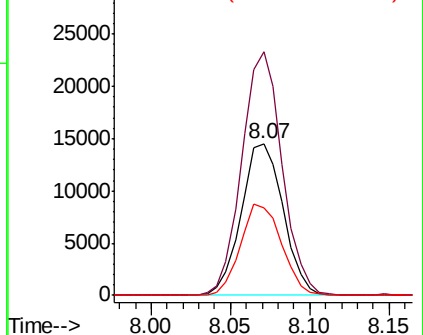
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038398.D
Acq: 7 Dec 2018 1:45

Instrument :
BNA_G
ClientSampleId :
120418-TIPC-F-U-M

Tot Ion:152 Resp: 26690
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 57.9 45.5 68.3



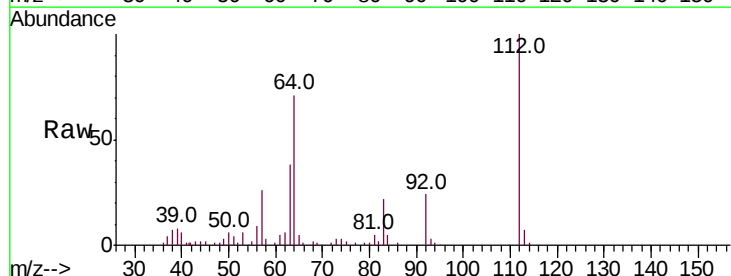
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



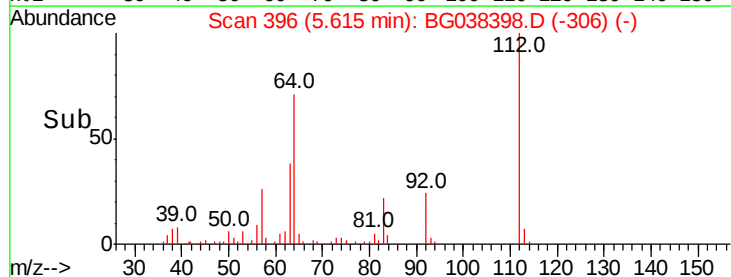
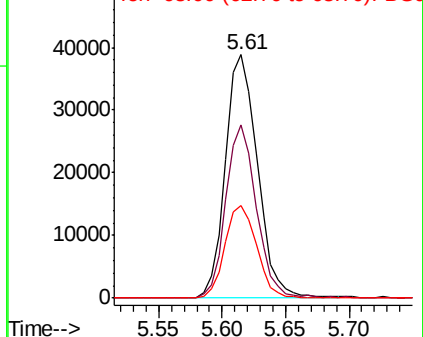
#5

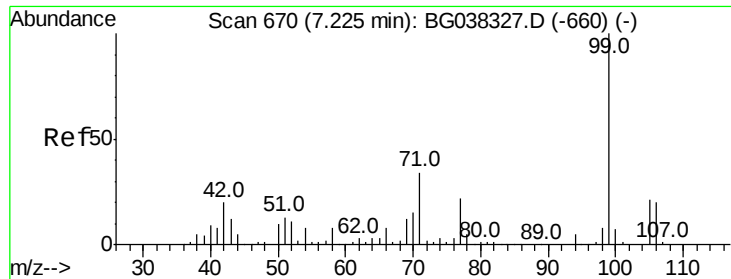
2-Fluorophenol
Concen: 45.093 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038398.D
Acq: 7 Dec 2018 1:45

Tgt Ion:112 Resp: 68010
Ion Ratio Lower Upper
112 100
64 71.0 53.1 79.7
63 38.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 26.139 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

Instrument :

BNA_G

ClientSampleId :

120418-TIPC-F-U-M

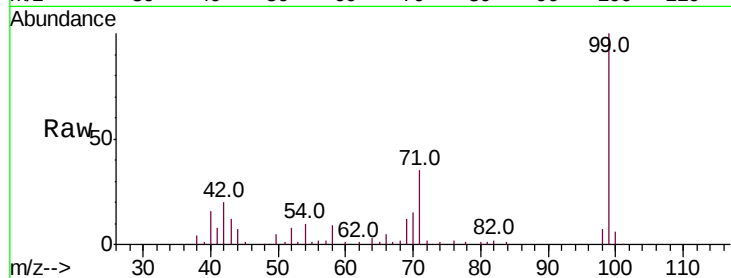
Tot Ion: 99 Resp: 56980

Ion Ratio Lower Upper

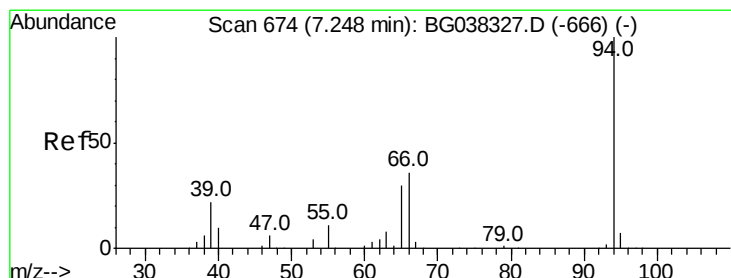
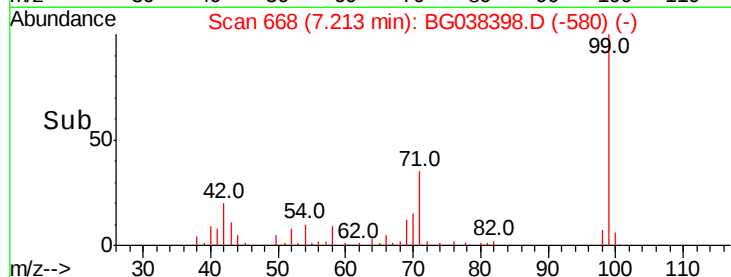
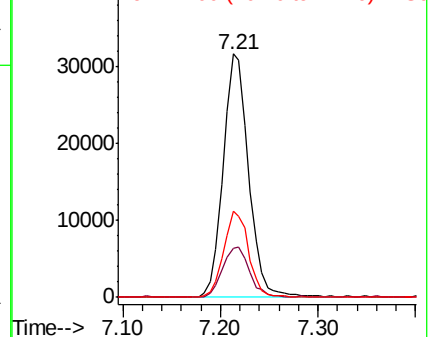
99 100

42 20.1 15.0 22.4

71 35.3 25.5 38.3



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



#10

Phenol

Concen: 4.763 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

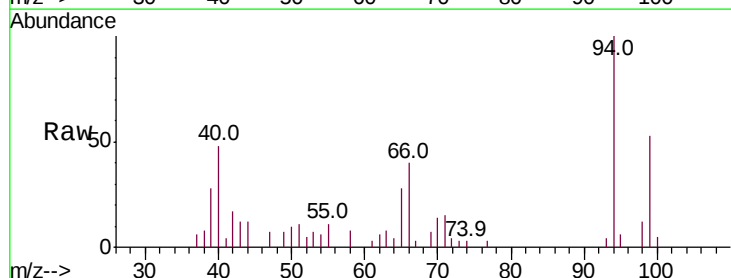
Tgt Ion: 94 Resp: 10969

Ion Ratio Lower Upper

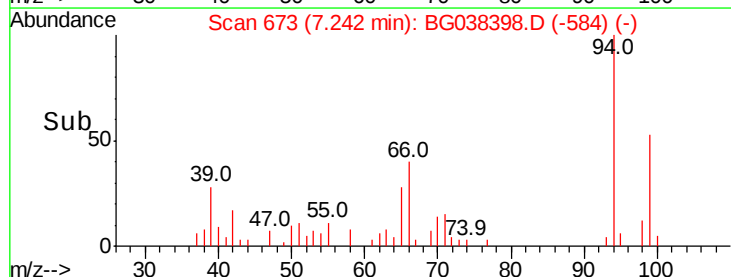
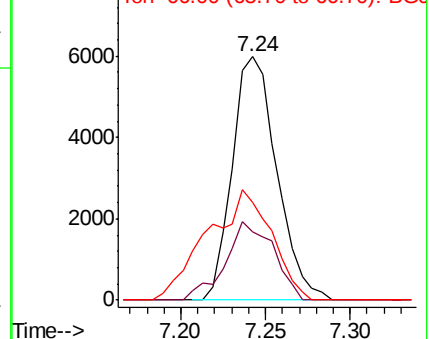
94 100

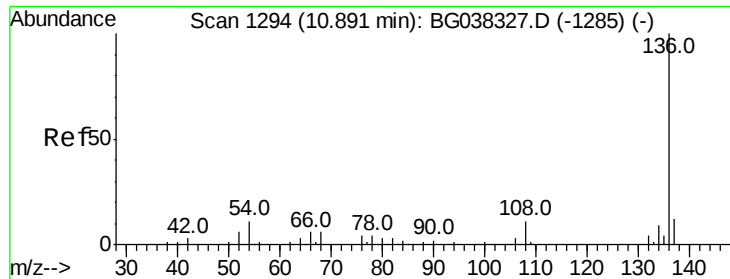
65 27.8 9.7 49.7

66 40.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

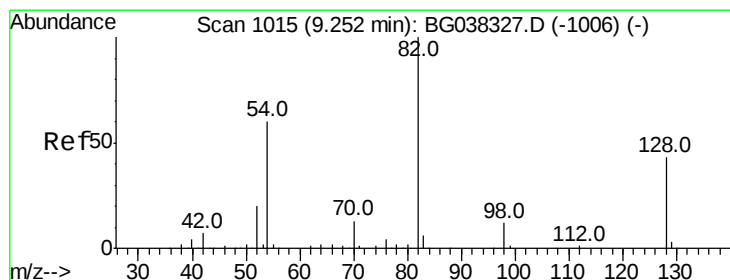
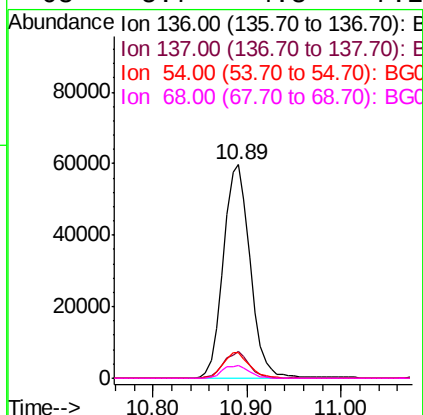
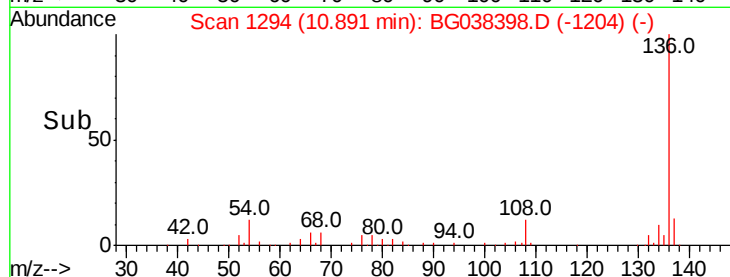
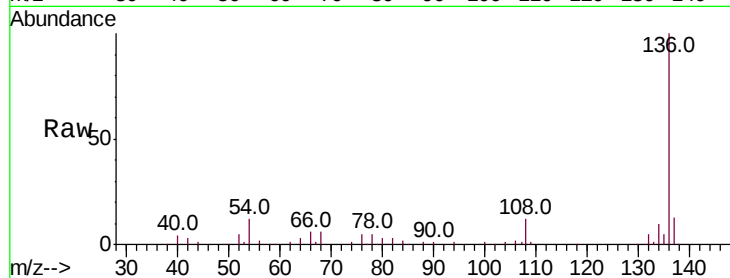




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038398.D
Acq: 7 Dec 2018 1:45

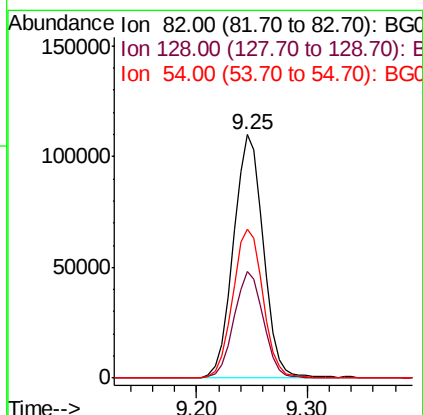
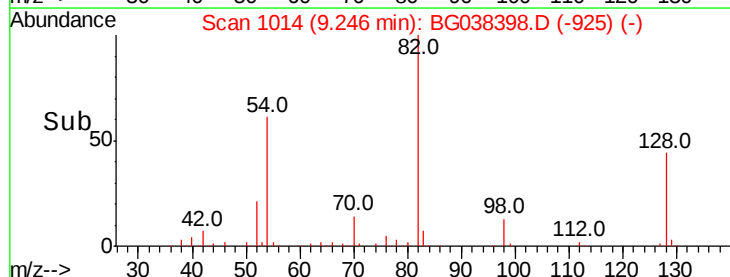
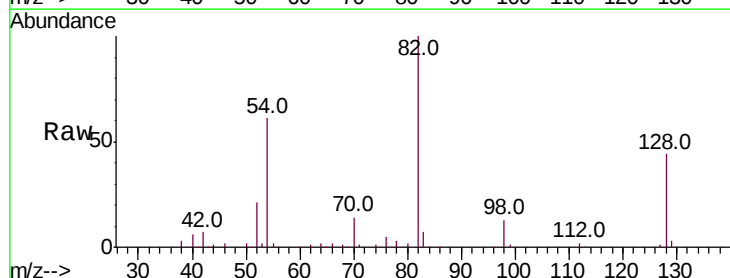
Instrument :
BNA_G
ClientSampleId :
120418-TIPC-F-U-M

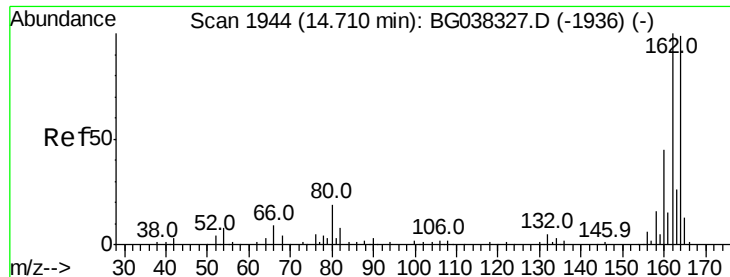
Tot Ion:	136	Resp:	118873
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	11.8	7.9	11.9
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.502 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038398.D
Acq: 7 Dec 2018 1:45

Tgt Ion:	82	Resp:	209509
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	61.4	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

Instrument :

BNA_G

ClientSampleId :

120418-TIPC-F-U-M

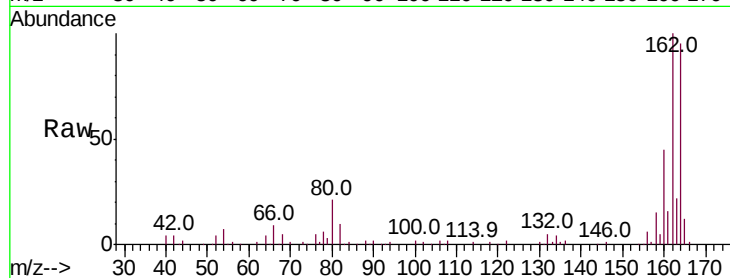
Tot Ion:164 Resp: 96568

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

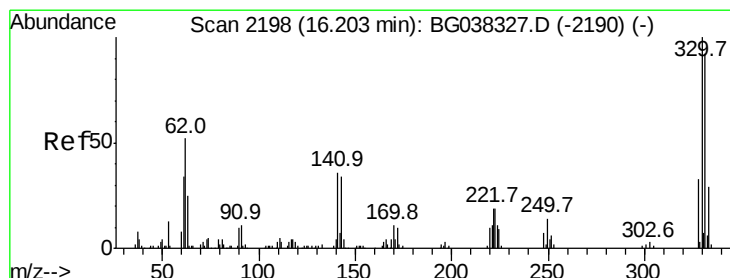
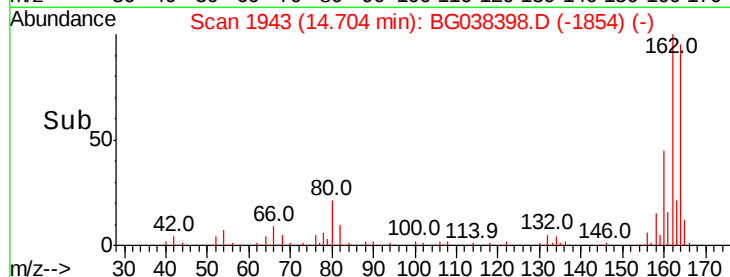
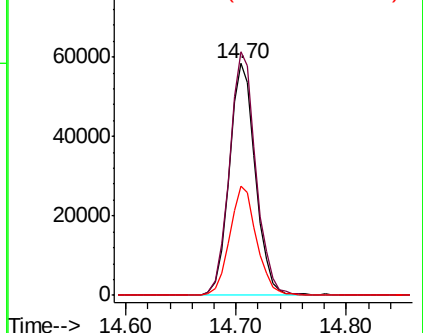
160 47.1 36.3 54.5



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: 84.616 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

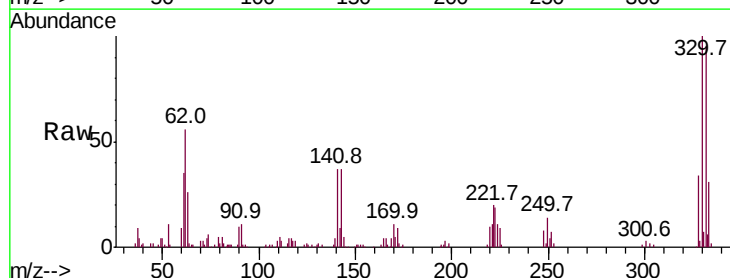
Tgt Ion:330 Resp: 100311

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

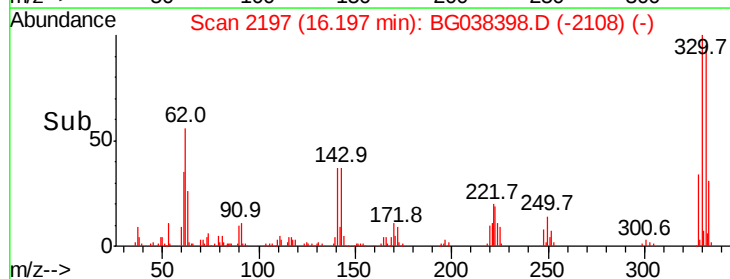
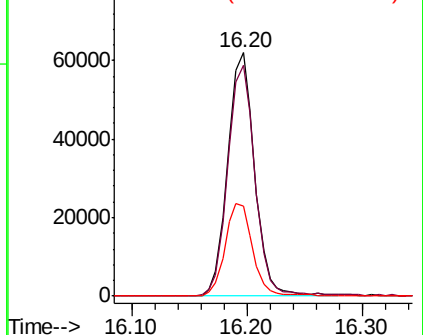
141 38.7 32.2 48.2

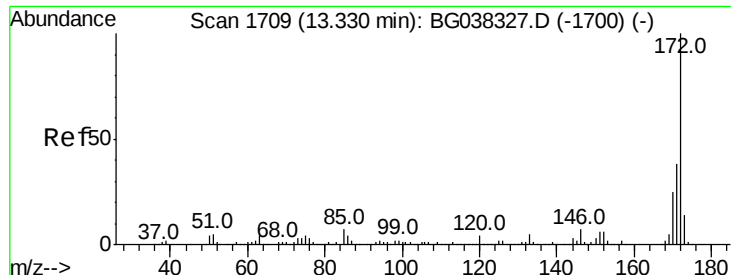


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

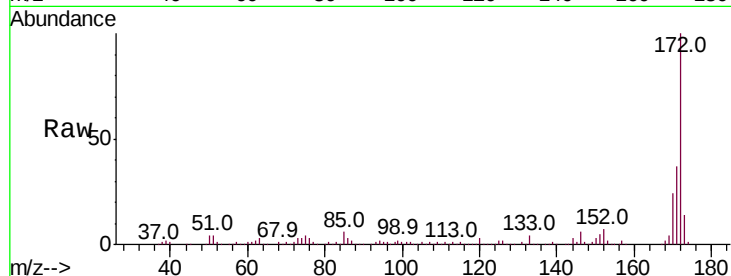




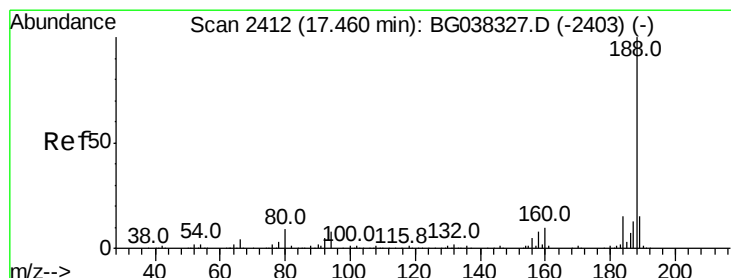
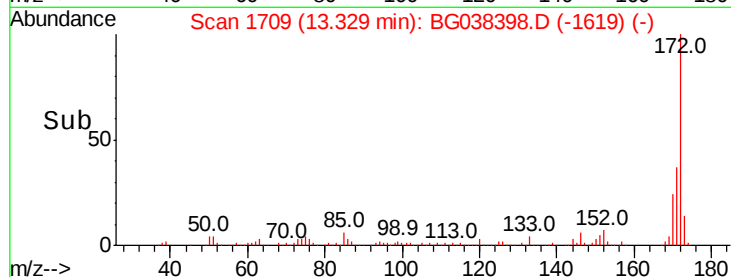
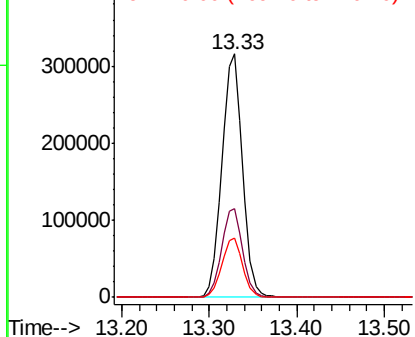
#45
 2-Fluorobiphenyl
 Concen: 75.978 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038398.D
 Acq: 7 Dec 2018 1:45

Instrument :
 BNA_G
 ClientSampleId :
 120418-TIPC-F-U-M

Tot Ion:172 Resp: 514913
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 24.1 20.2 30.2

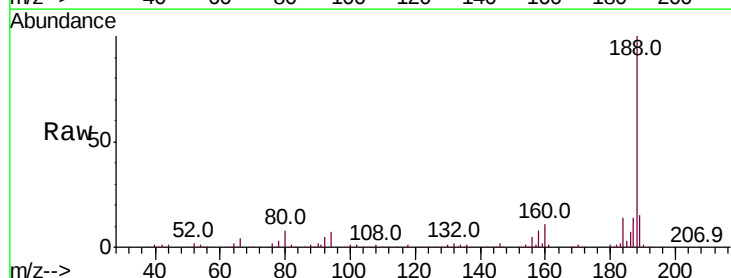


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

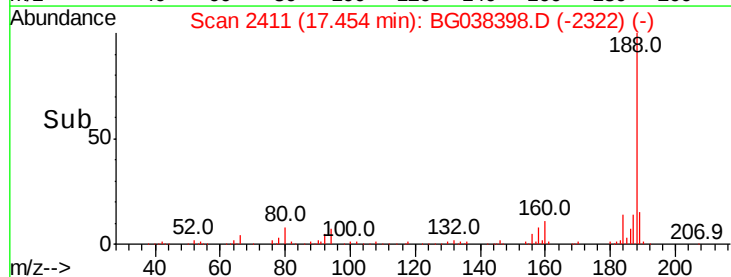
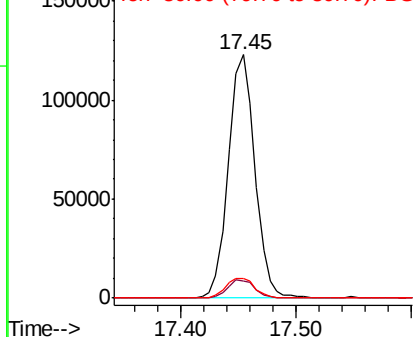


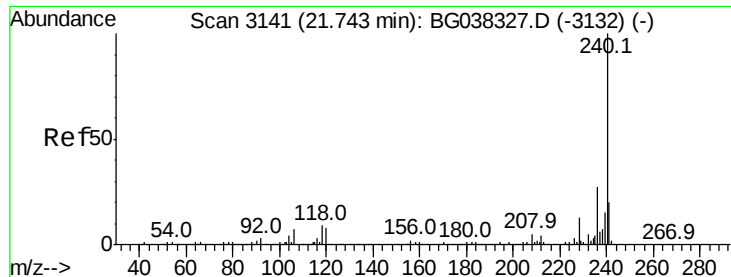
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038398.D
 Acq: 7 Dec 2018 1:45

Tgt Ion:188 Resp: 195907
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.2 10.8
 80 8.3 7.7 11.5



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

Instrument :

BNA_G

ClientSampleId :

120418-TIPC-F-U-M

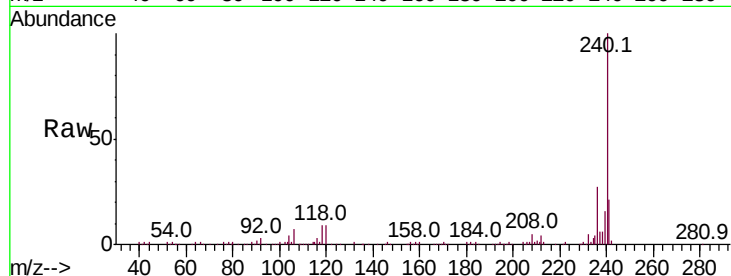
Tot Ion:240 Resp: 187032

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

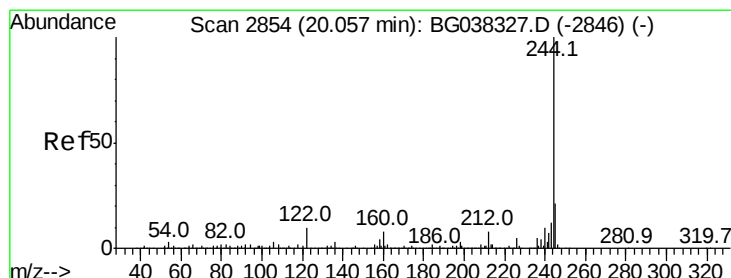
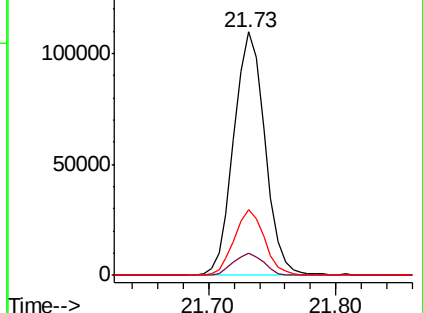
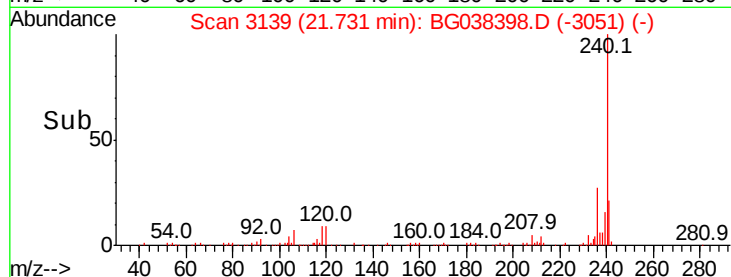
236 26.9 21.4 32.0



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: 100.968 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038398.D

Acq: 7 Dec 2018 1:45

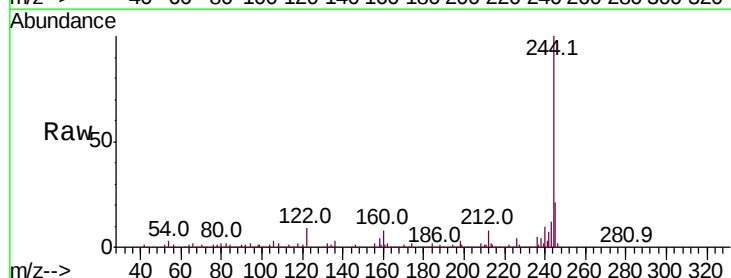
Tgt Ion:244 Resp: 881512

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

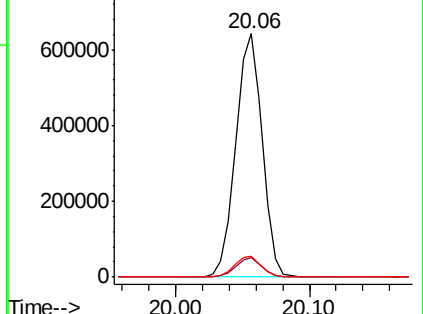
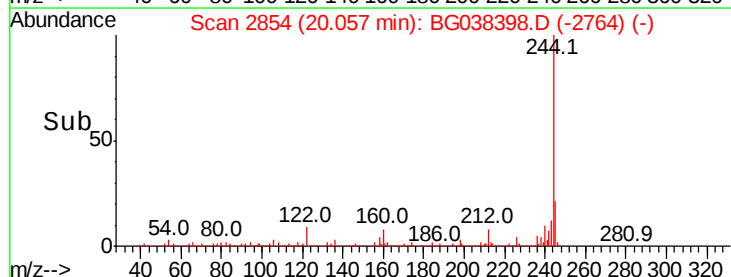
122 8.8 9.0 13.4#

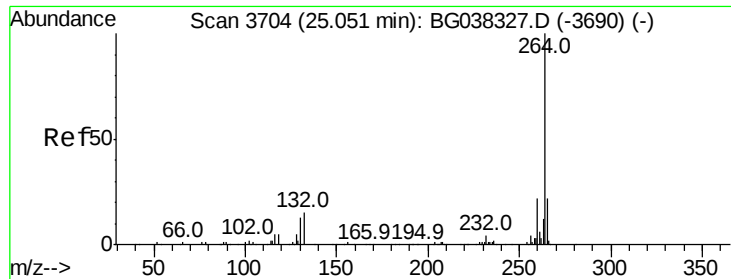


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038398.D
Acq: 7 Dec 2018 1:45

Instrument :
BNA_G
ClientSampleId :
120418-TIPC-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.7	17.9	26.9

