

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038162.D
 Acq On : 27 Nov 2018 9:33
 Operator : JU/SJ
 Sample : J6061-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112018-CHDE-E-U-B

Quant Time: Nov 27 11:10:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

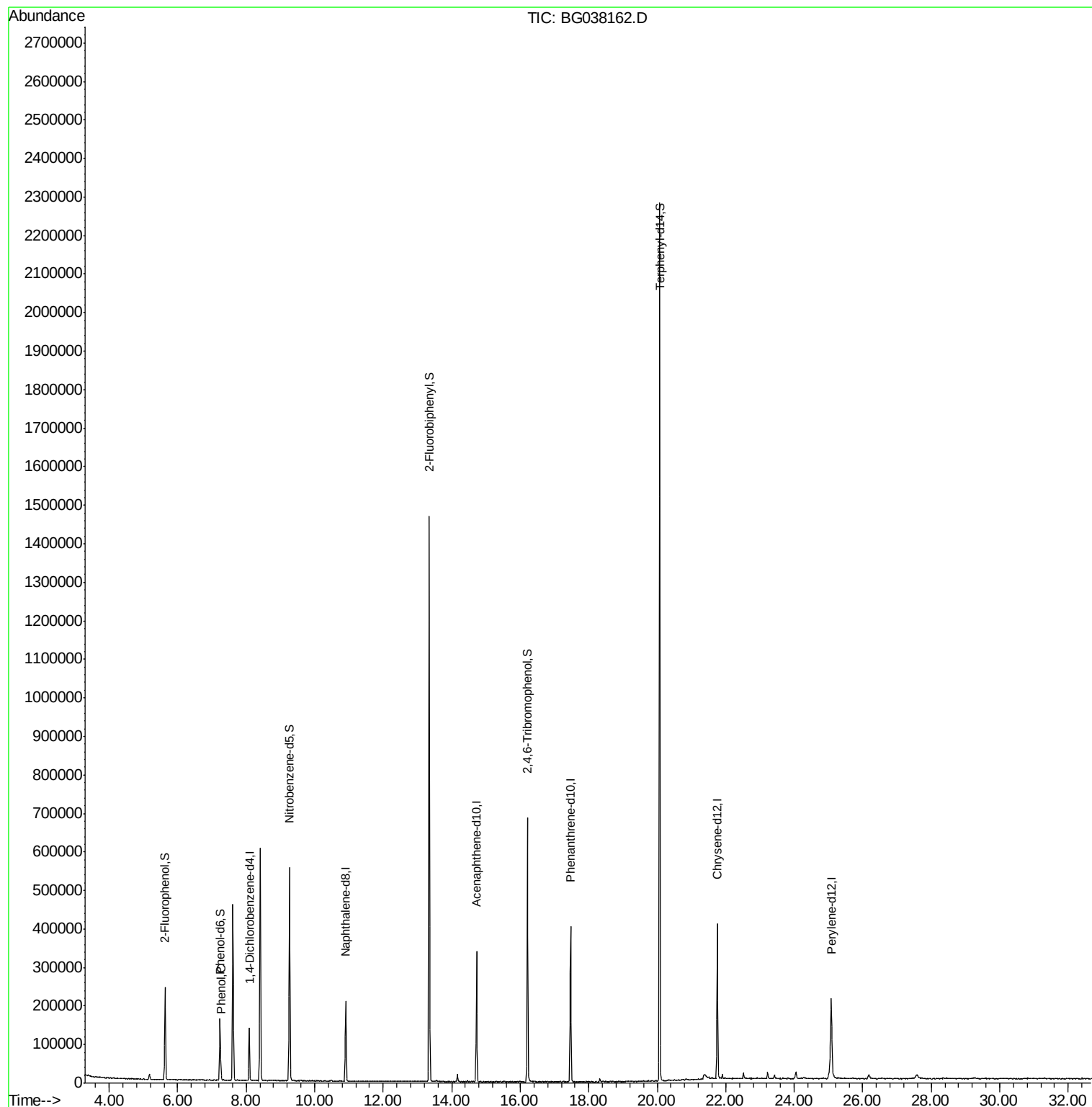
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41663	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	188586	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119517	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	264379	20.00	ng	0.00
76) Chrysene-d12	21.76	240	248011	20.00	ng	0.00
87) Perylene-d12	25.08	264	249552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	112130	46.47	ng	0.00
7) Phenol-d6	7.23	99	96622	28.05	ng	0.00
23) Nitrobenzene-d5	9.26	82	347775	98.72	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	125145	91.81	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	794879	96.89	ng	0.00
79) Terphenyl-d14	20.07	244	1081906	102.65	ng	0.00
Target Compounds						
10) Phenol	7.26	94	19070	5.227	ng	Qvalue 92

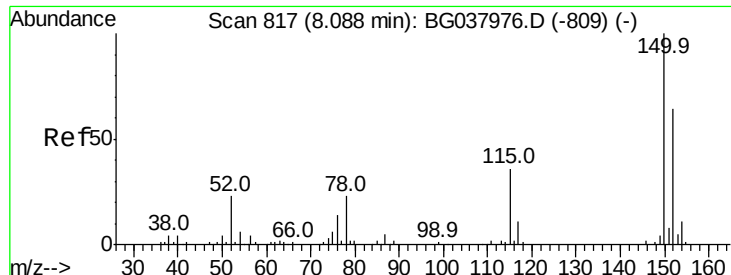
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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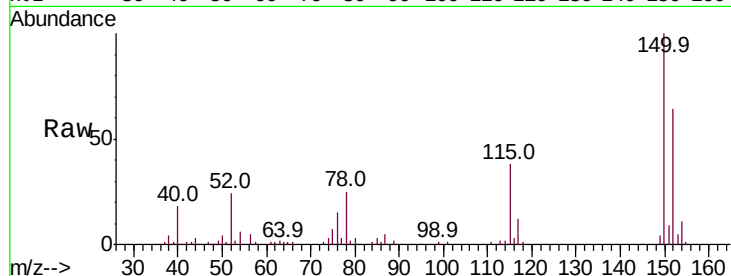


#1

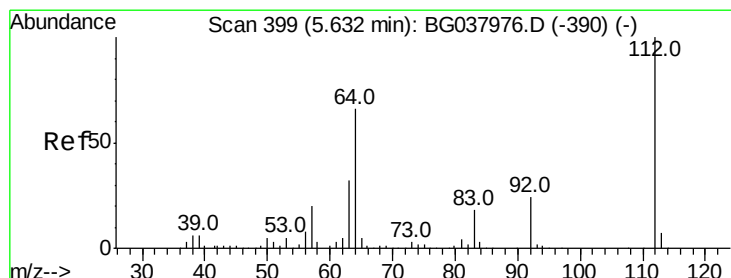
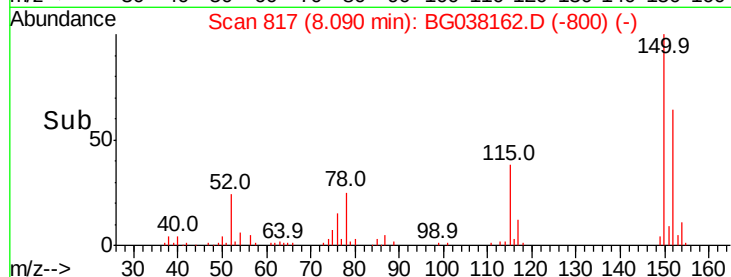
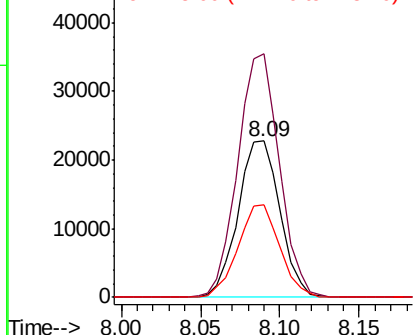
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038162.D
Acq: 27 Nov 2018 9:33

Instrument :
BNA_G
ClientSampleId :
112018-CHDE-E-U-B

Tot Ion:152 Resp: 41663
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 59.3 45.5 68.3



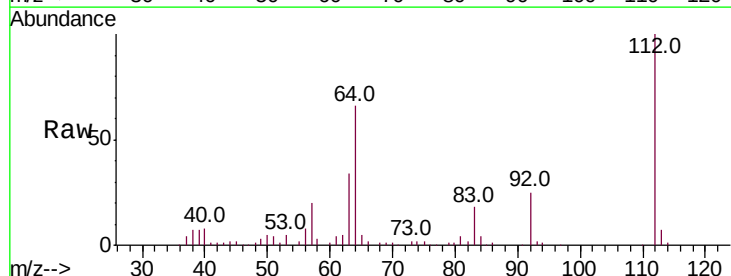
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



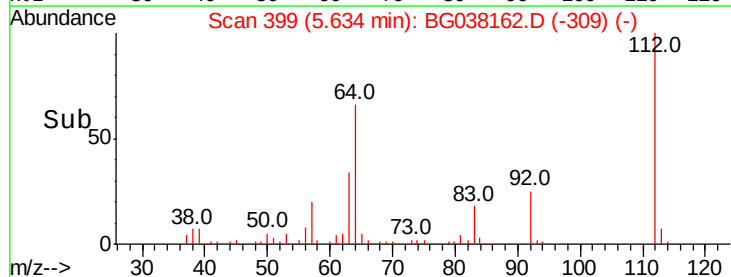
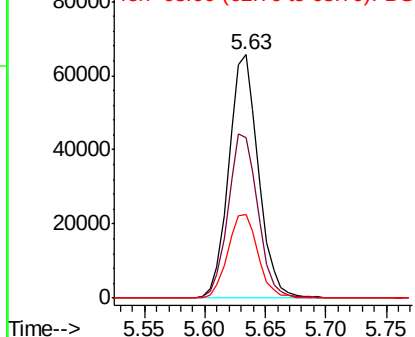
#5

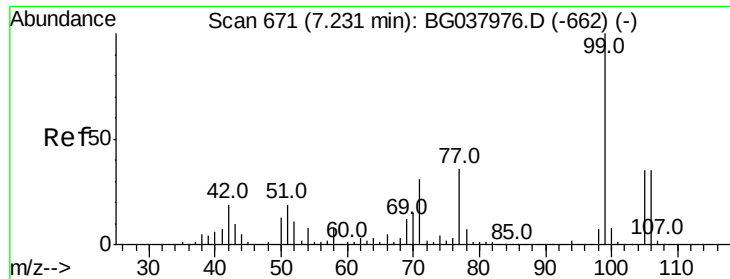
2-Fluorophenol
Concen: 46.468 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038162.D
Acq: 27 Nov 2018 9:33

Tgt Ion:112 Resp: 112130
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 34.2 27.3 40.9



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: 28.051 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-B

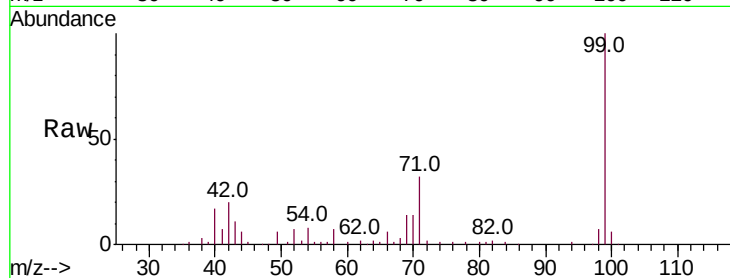
Tot Ion: 99 Resp: 96622

Ion Ratio Lower Upper

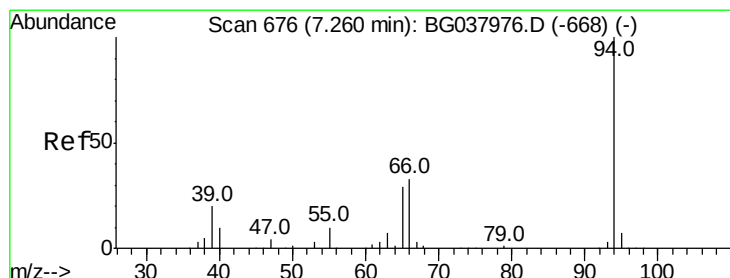
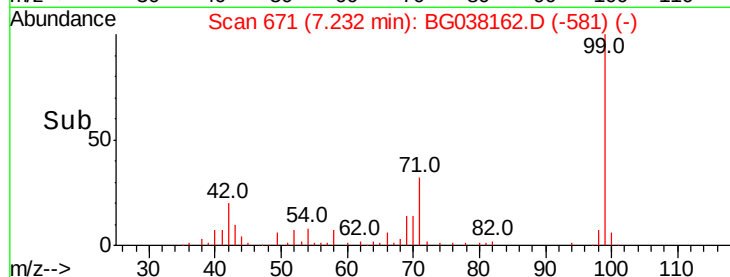
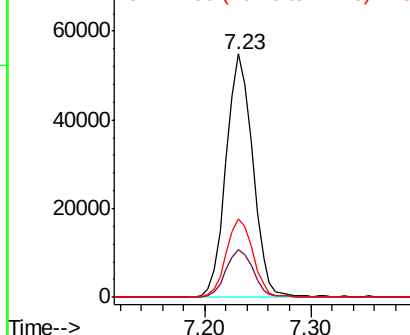
99 100

42 19.8 15.0 22.4

71 32.4 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: 5.227 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

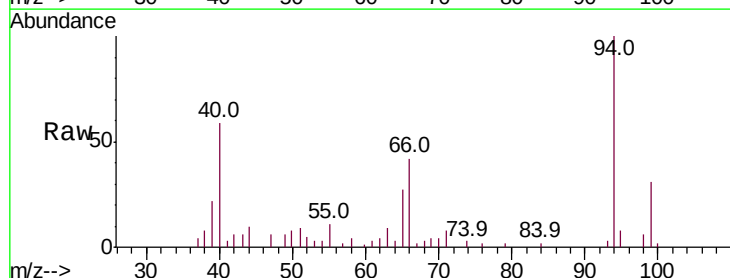
Tgt Ion: 94 Resp: 19070

Ion Ratio Lower Upper

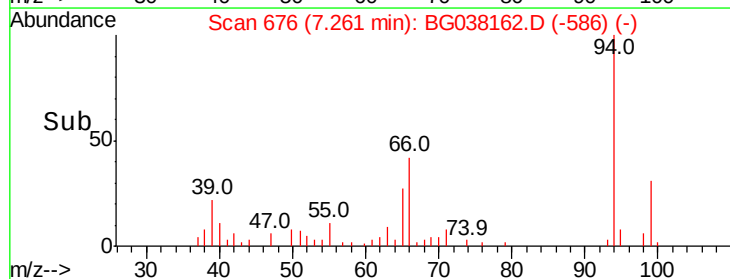
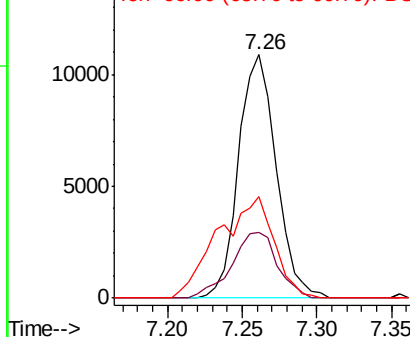
94 100

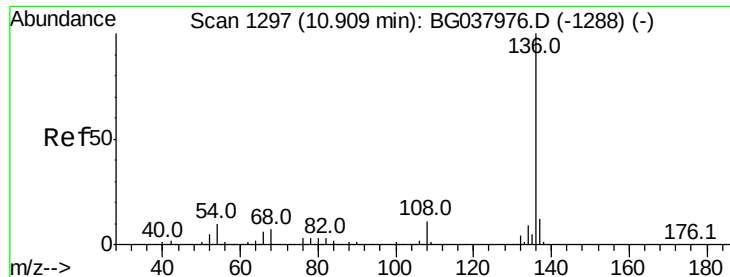
65 26.8 9.7 49.7

66 41.8 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: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-B

Tot Ion:136 Resp: 188586

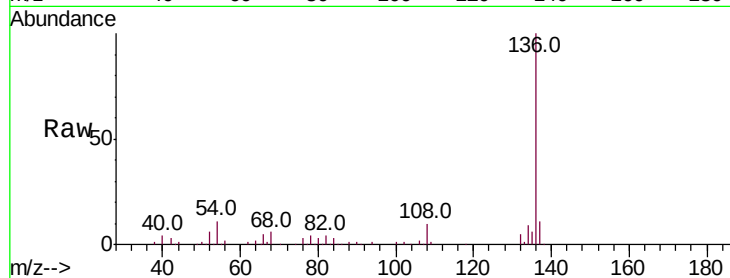
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 10.7 7.9 11.9

68 5.7 4.8 7.2

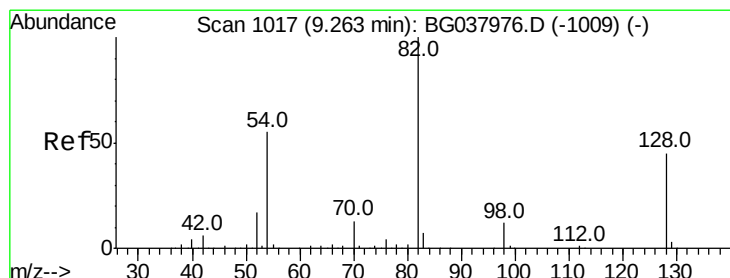
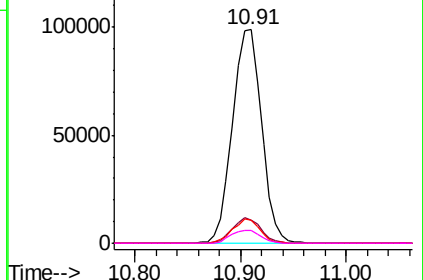
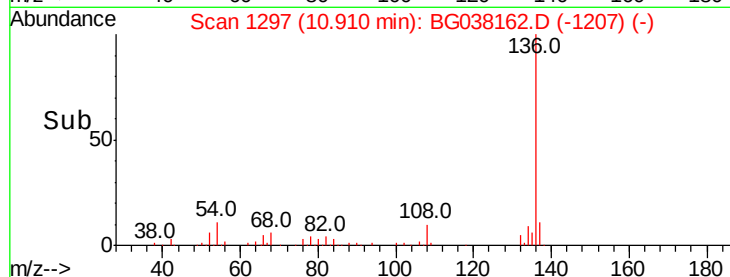


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 98.716 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

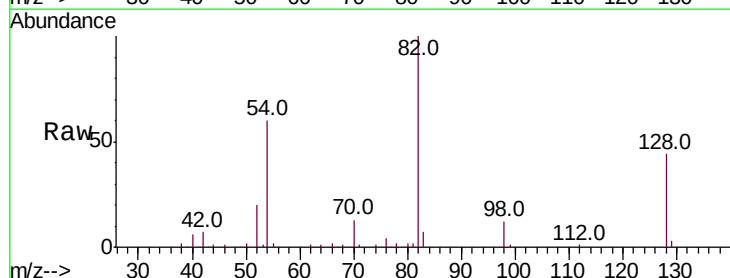
Tgt Ion: 82 Resp: 347775

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

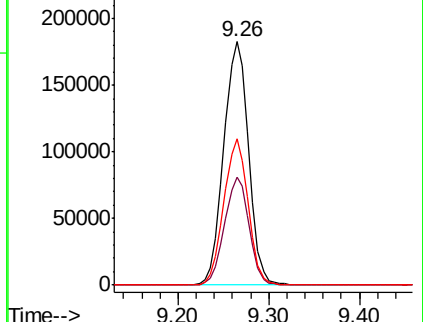
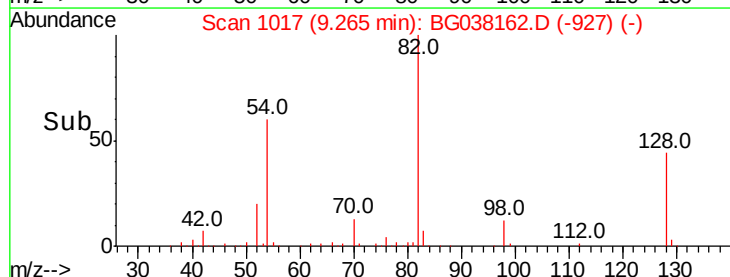
54 60.0 45.3 67.9

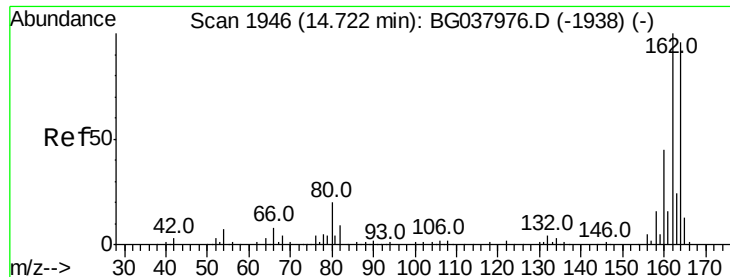


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-B

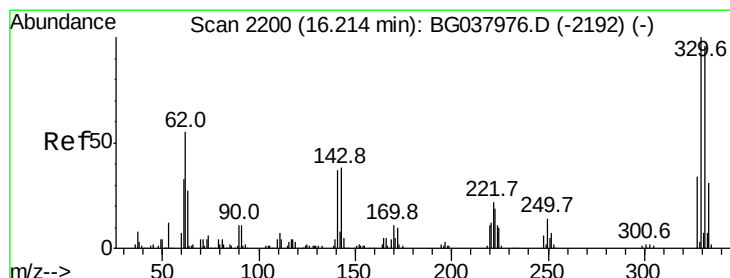
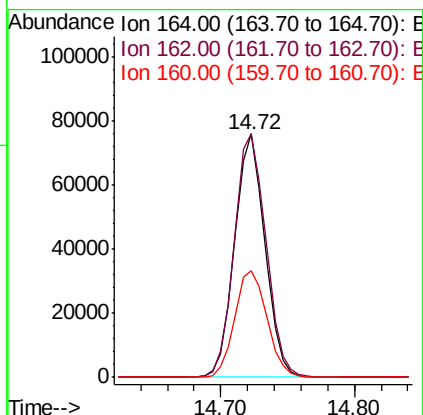
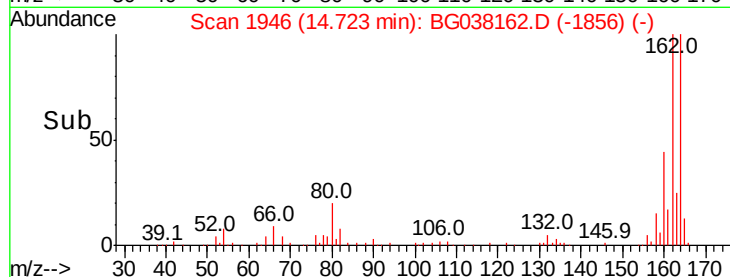
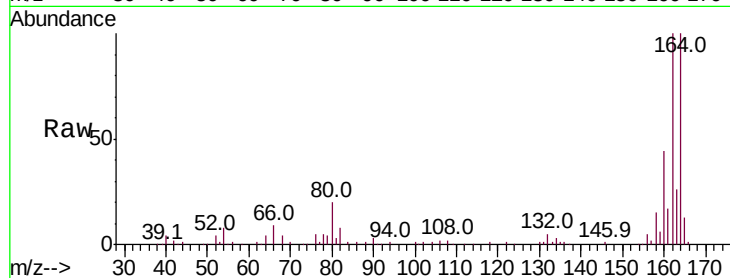
Tot Ion:164 Resp: 119517

Ion Ratio Lower Upper

164 100

162 99.9 81.3 121.9

160 43.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 91.812 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

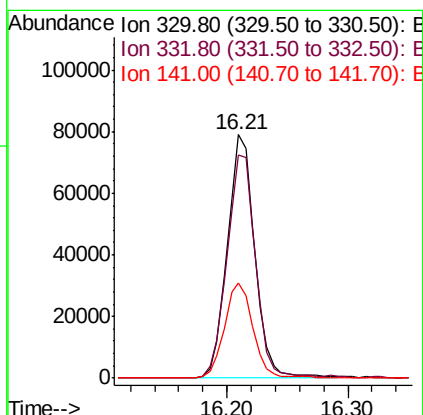
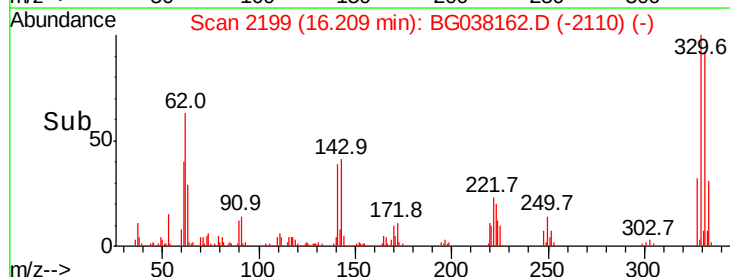
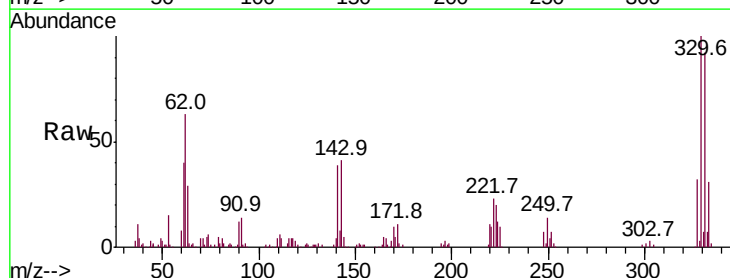
Tgt Ion:330 Resp: 125145

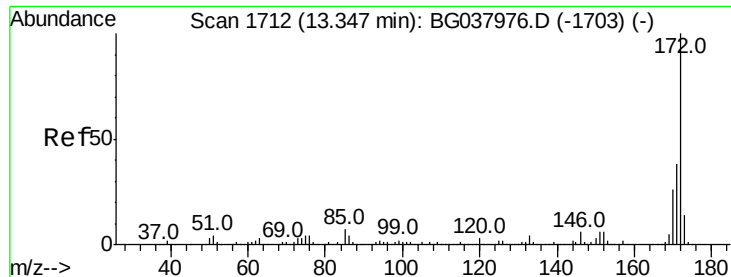
Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

141 40.5 32.2 48.2



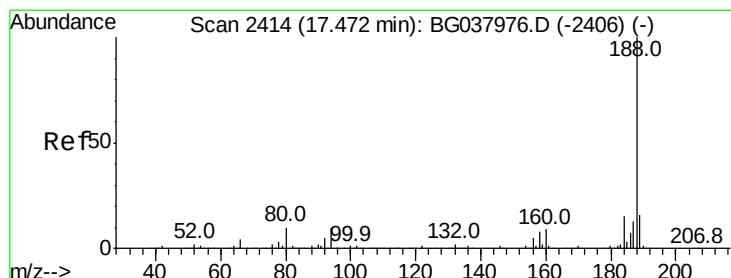
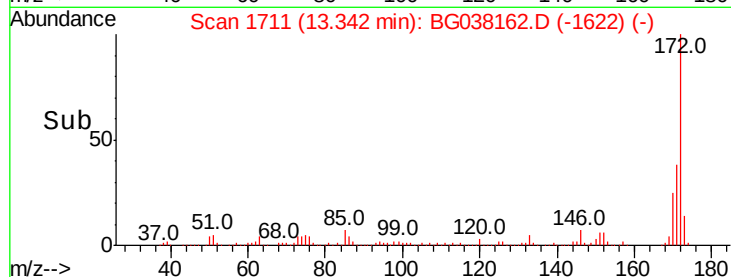
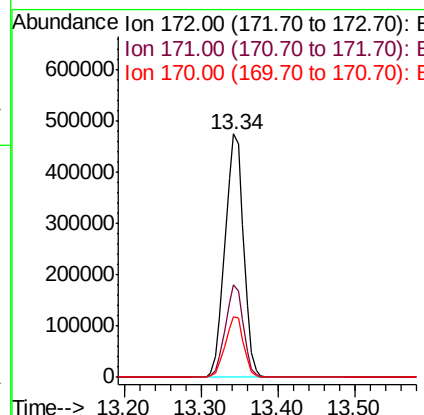
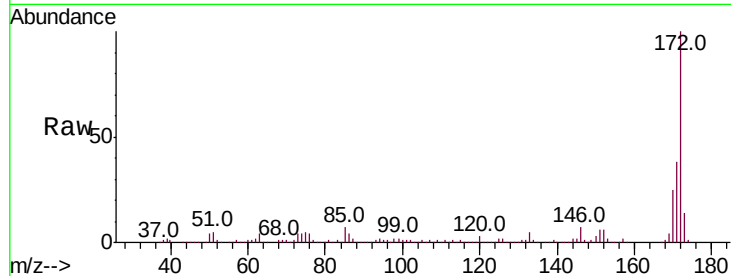


#45
 2-Fluorobiphenyl
 Concen: 96.892 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038162.D
 Acq: 27 Nov 2018 9:33

Instrument :
 BNA_G
 ClientSampleId :
 112018-CHDE-E-U-B

Tot Ion:172 Resp: 794879

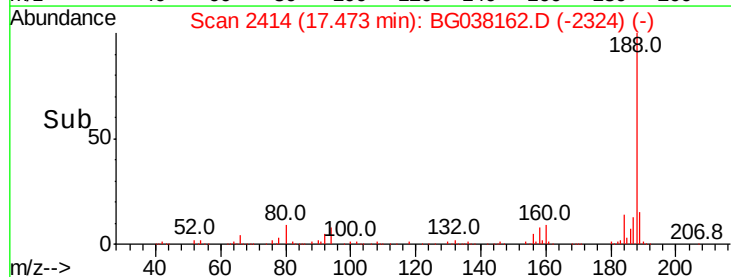
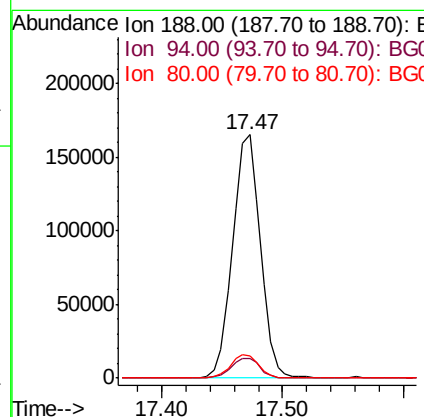
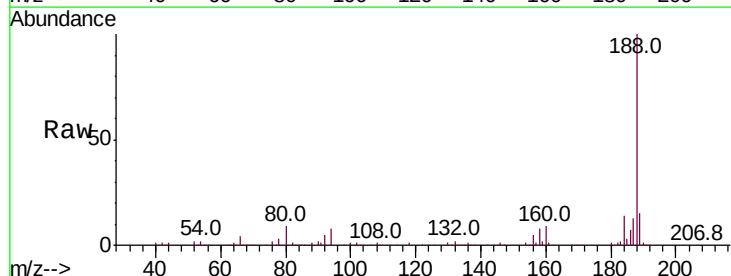
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.1	20.2	30.2

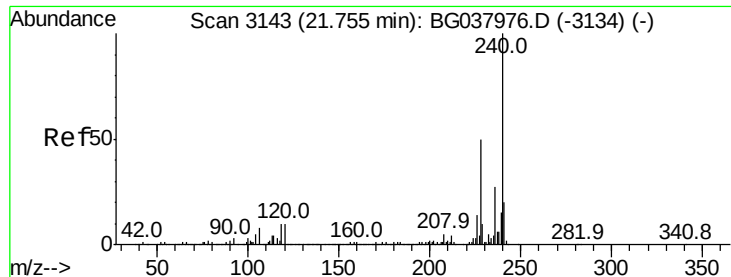


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG038162.D
 Acq: 27 Nov 2018 9:33

Tgt Ion:188 Resp: 264379

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.9	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-B

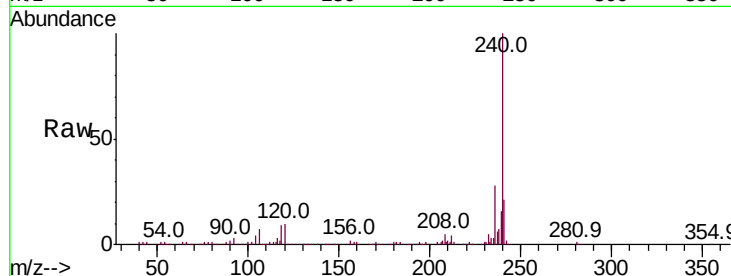
Tot Ion:240 Resp: 248011

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

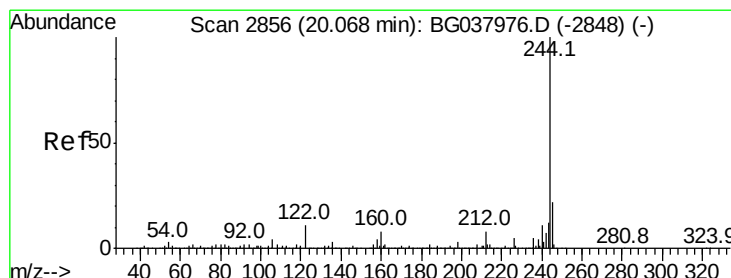
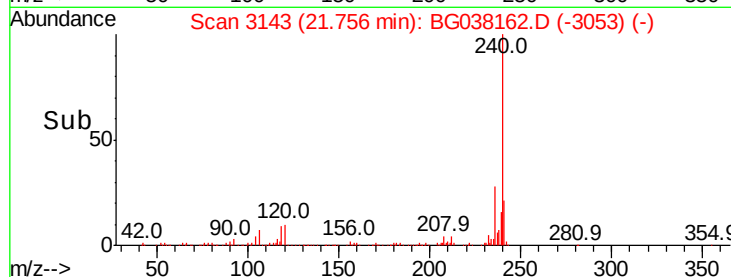
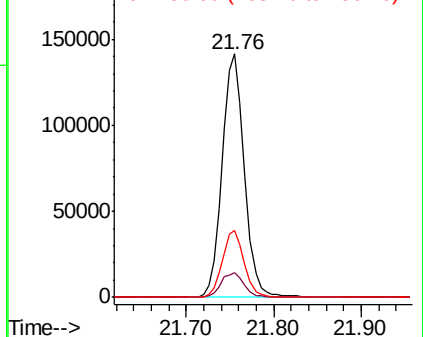
236 27.7 21.4 32.0



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: 102.646 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038162.D

Acq: 27 Nov 2018 9:33

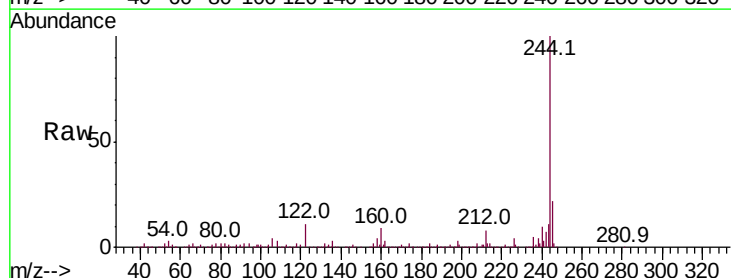
Tgt Ion:244 Resp: 1081906

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

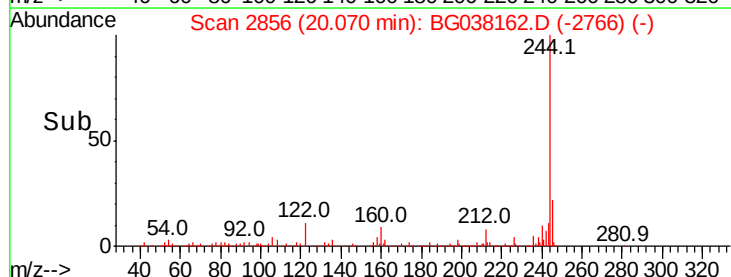
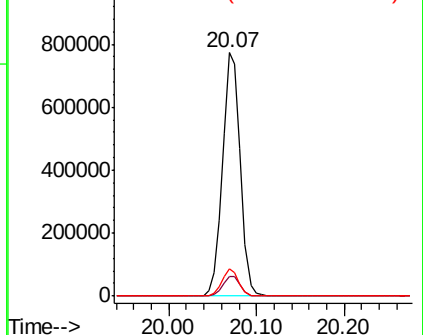
122 11.1 9.0 13.4

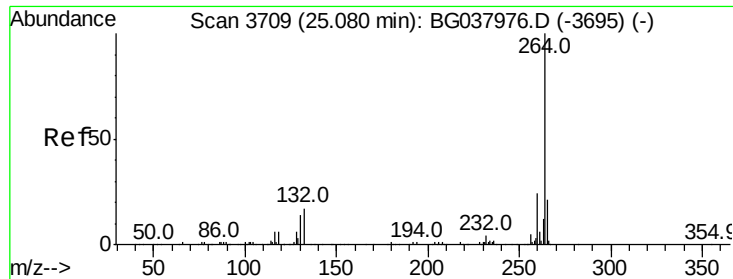


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038162.D
Acq: 27 Nov 2018 9:33

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.2	17.9	26.9

