

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038163.D
 Acq On : 27 Nov 2018 10:13
 Operator : JU/SJ
 Sample : J6061-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Nov 27 11:11:22 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

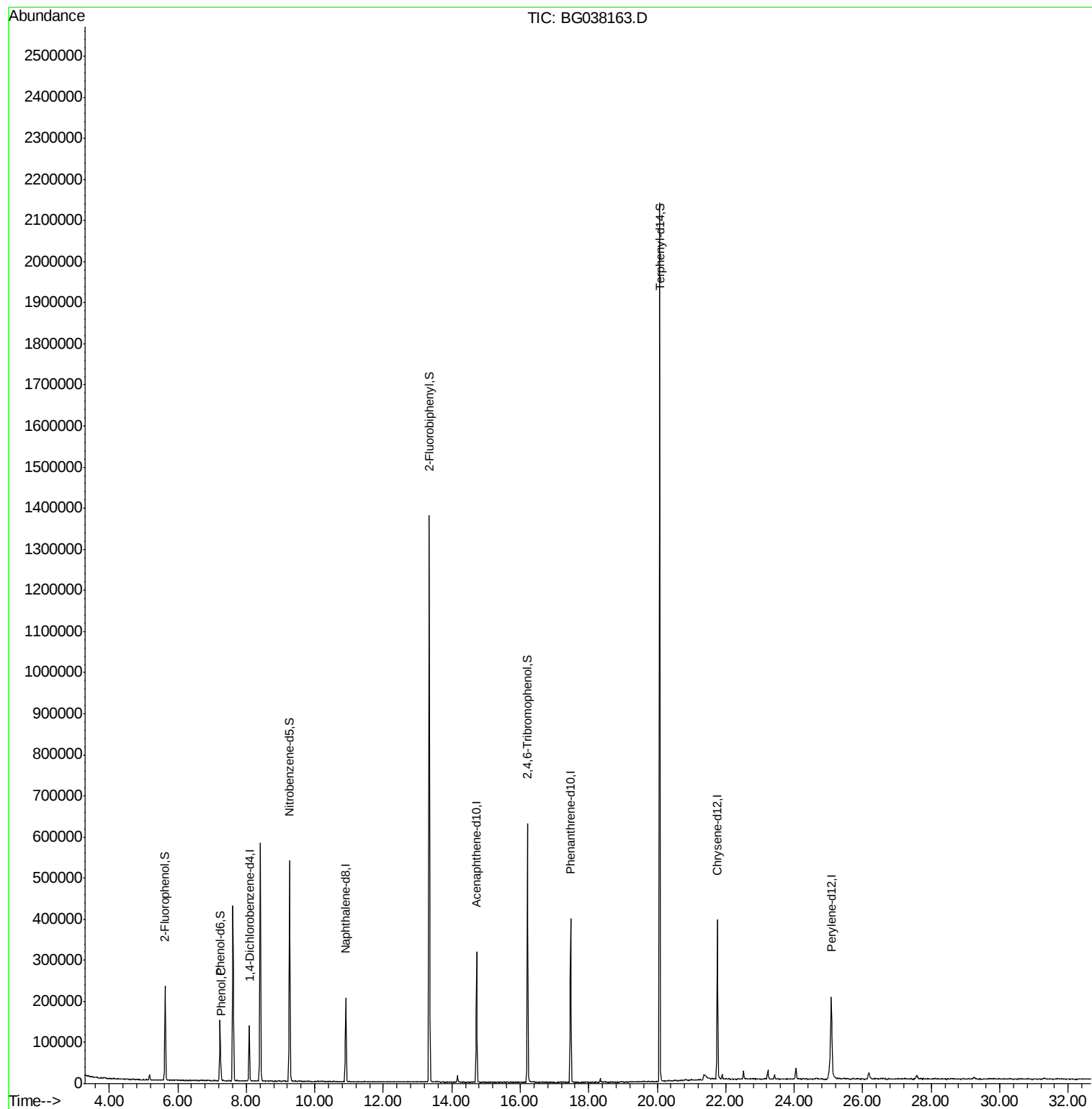
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39863	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180903	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113756	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253422	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237898	20.00	ng	0.00
87) Perylene-d12	25.08	264	240787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	102537	44.41	ng	0.00
7) Phenol-d6	7.23	99	89325	27.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	331132	97.98	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	115074	88.70	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	737220	94.41	ng	0.00
79) Terphenyl-d14	20.07	244	1039888	102.85	ng	0.00
Target Compounds						
10) Phenol	7.26	94	13556	3.883	ng	Qvalue 89

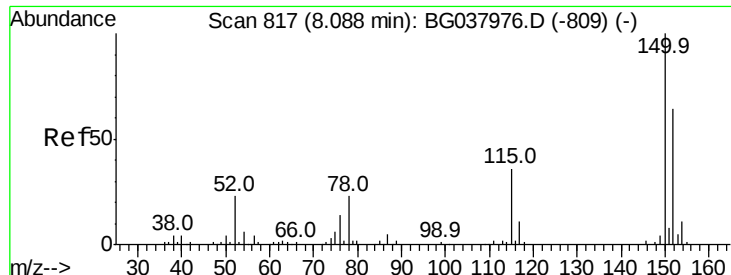
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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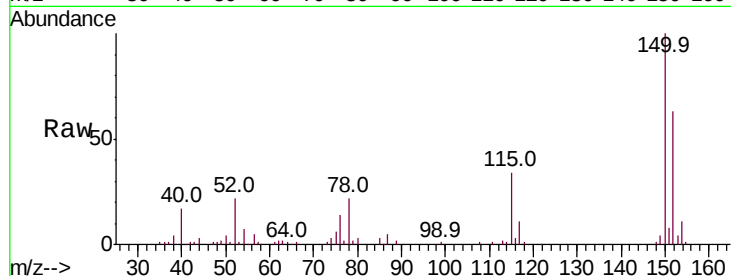


#1

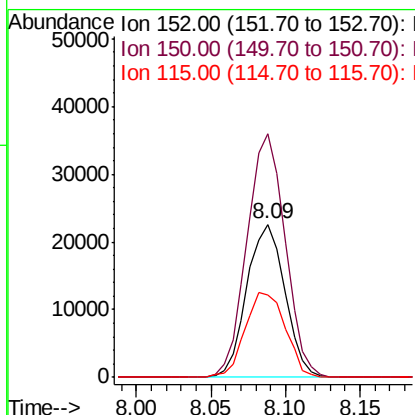
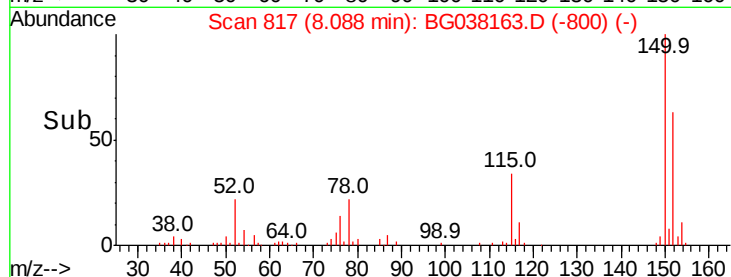
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

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

Tot Ion:152 Resp: 39863
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 54.0 45.5 68.3



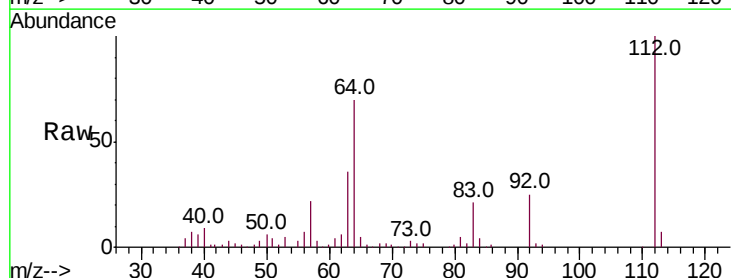
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



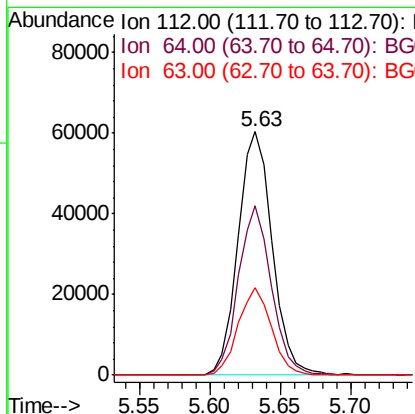
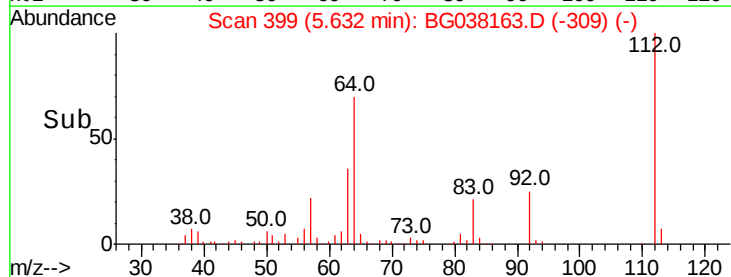
#5

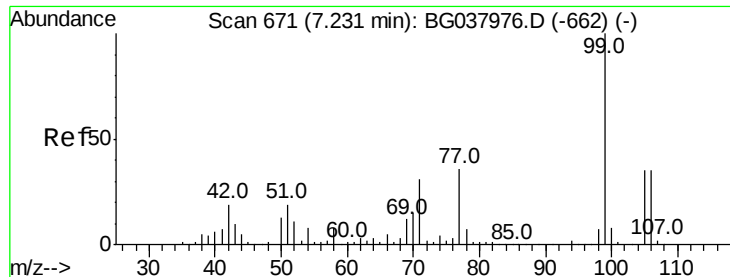
2-Fluorophenol
Concen: 44.411 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:112 Resp: 102537
Ion Ratio Lower Upper
112 100
64 69.7 53.1 79.7
63 36.1 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: 27.104 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-S

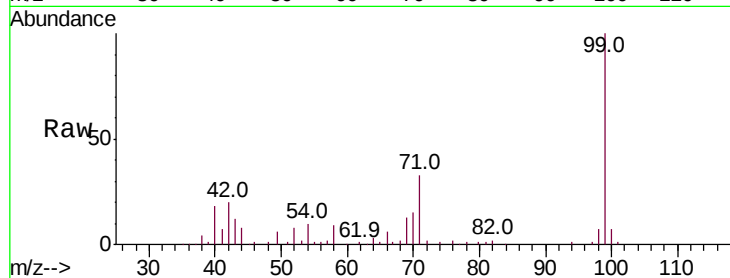
Tot Ion: 99 Resp: 89325

Ion Ratio Lower Upper

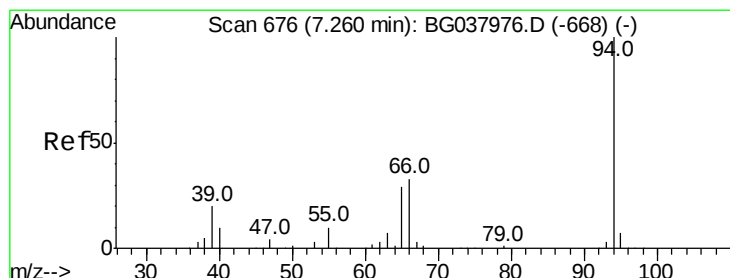
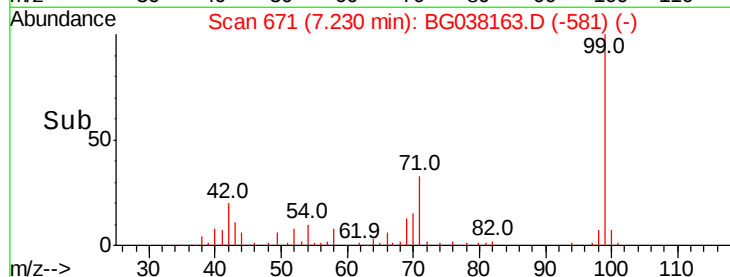
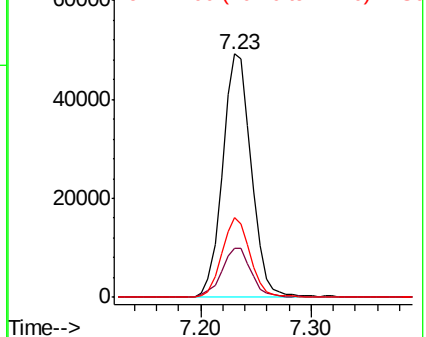
99 100

42 20.2 15.0 22.4

71 32.7 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: 3.883 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

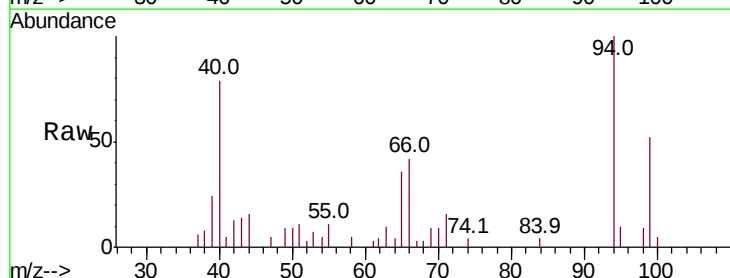
Tgt Ion: 94 Resp: 13556

Ion Ratio Lower Upper

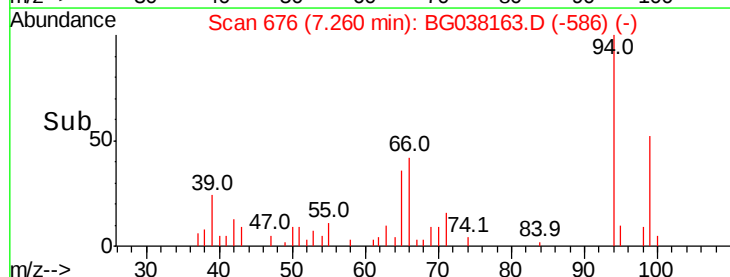
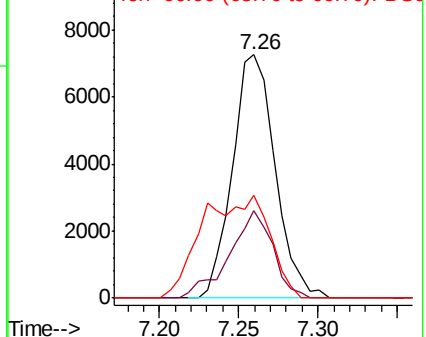
94 100

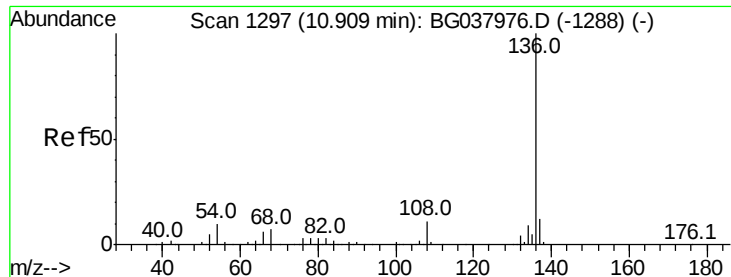
65 36.0 9.7 49.7

66 42.3 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: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-S

Tot Ion:136 Resp: 180903

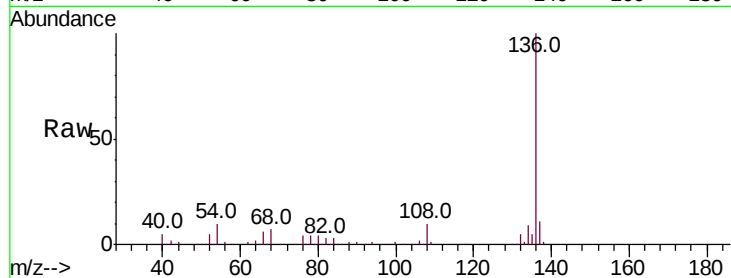
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 10.2 7.9 11.9

68 6.8 4.8 7.2

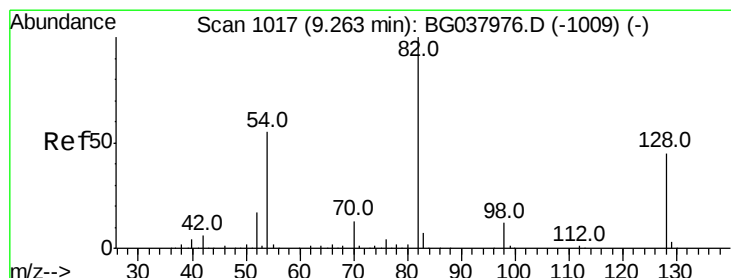
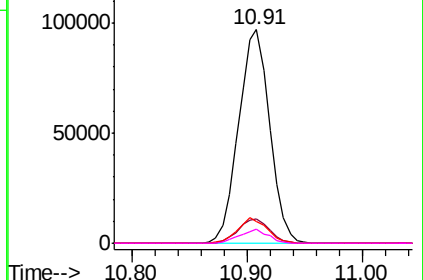
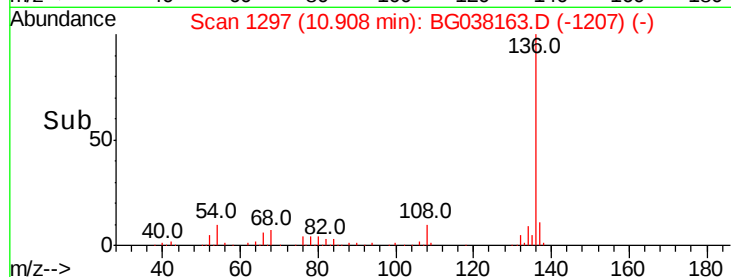


Abundance Ion 136.00 (135.70 to 136.70): E

150000 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: 97.984 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

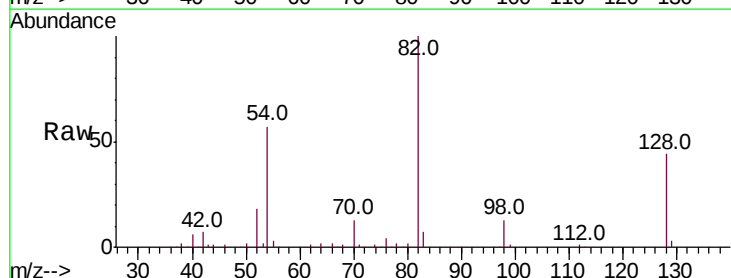
Tgt Ion: 82 Resp: 331132

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

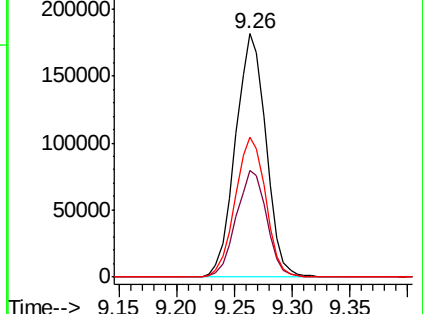
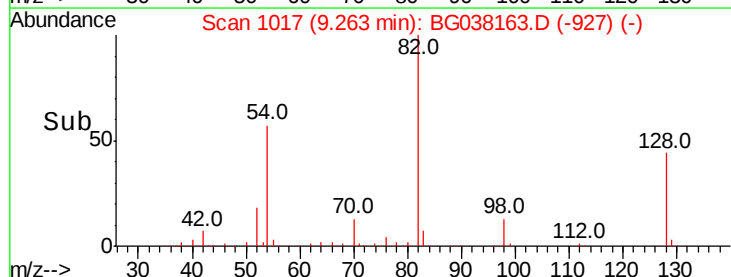
54 57.4 45.3 67.9

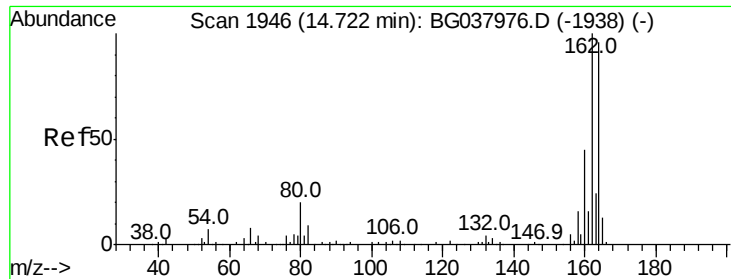


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

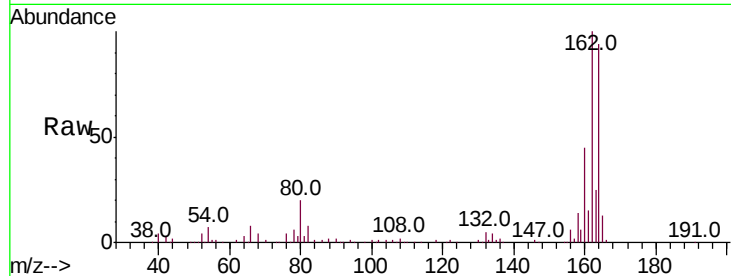




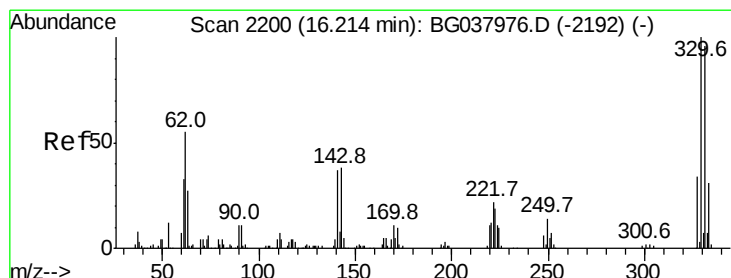
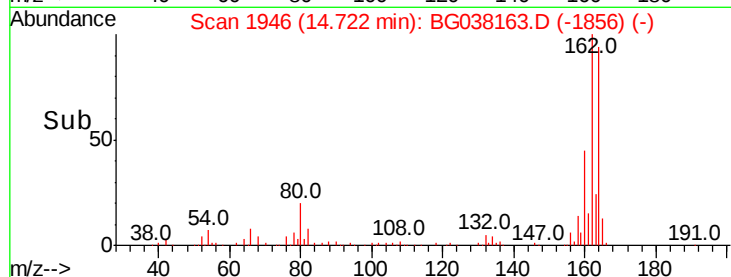
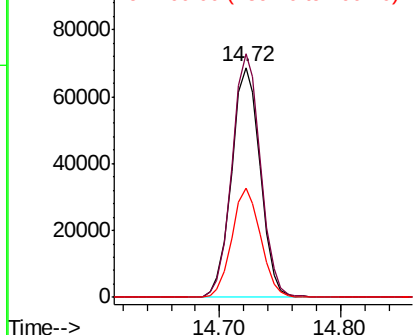
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

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

Tot Ion:164 Resp: 113756
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 47.3 36.3 54.5

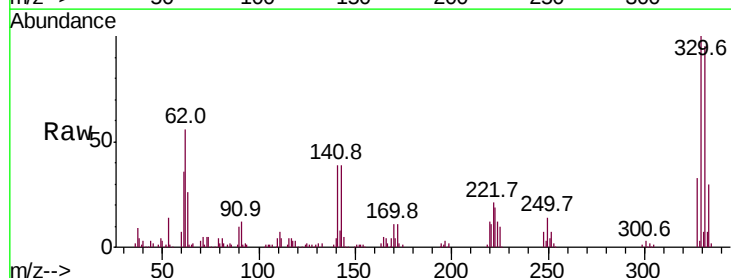


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

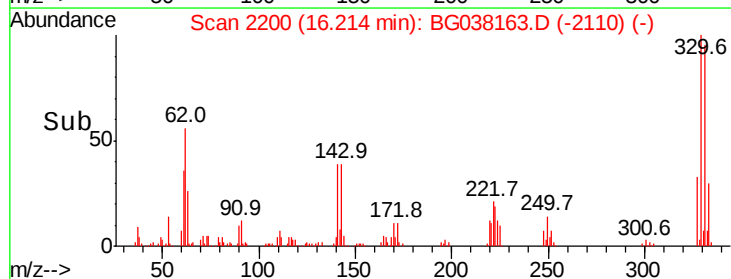
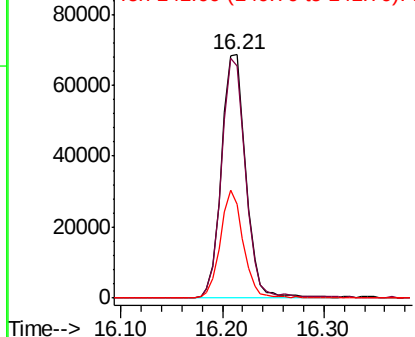


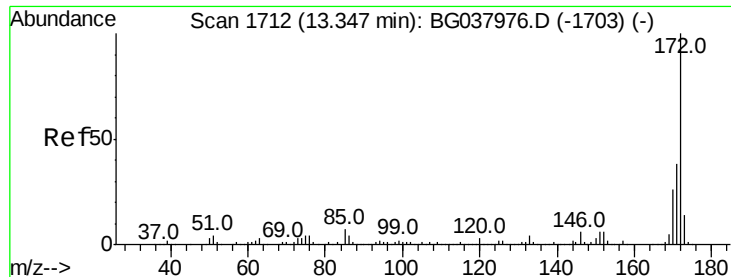
#42
2,4,6-Tribromophenol
Concen: 88.699 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:330 Resp: 115074
Ion Ratio Lower Upper
330 100
332 96.7 78.4 117.6
141 41.5 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



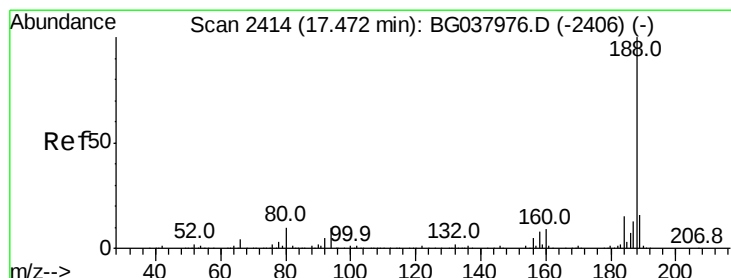
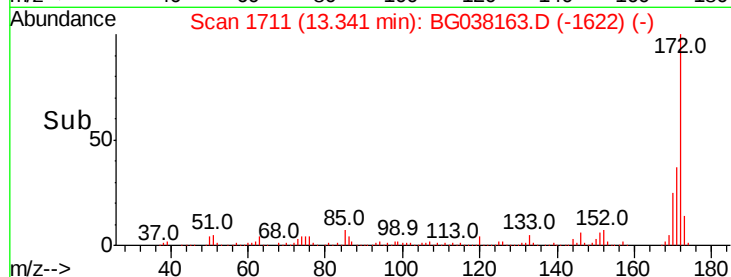
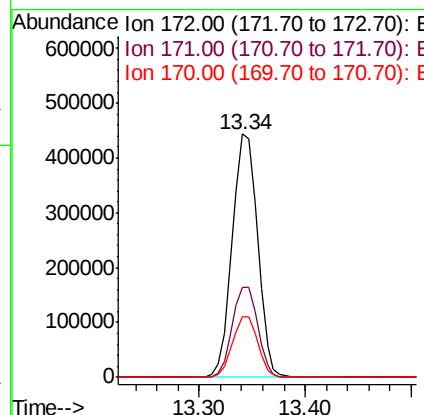
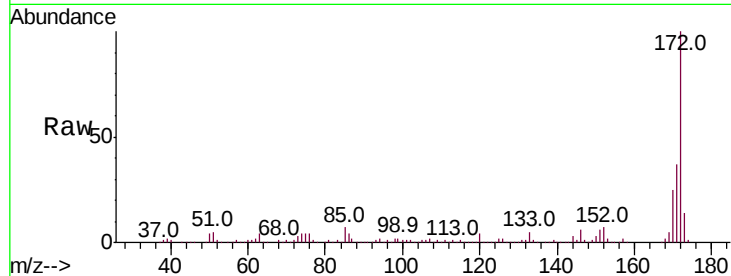


#45
 2-Fluorobiphenyl
 Concen: 94.414 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038163.D
 Acq: 27 Nov 2018 10:13

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

Tot Ion:172 Resp: 737220

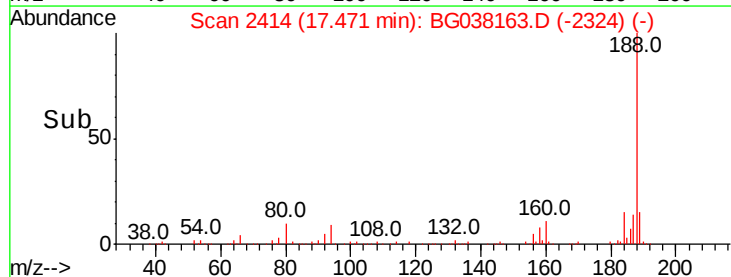
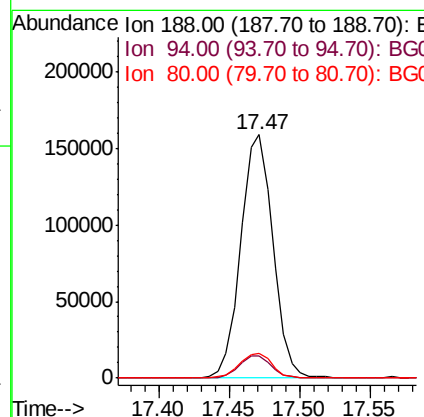
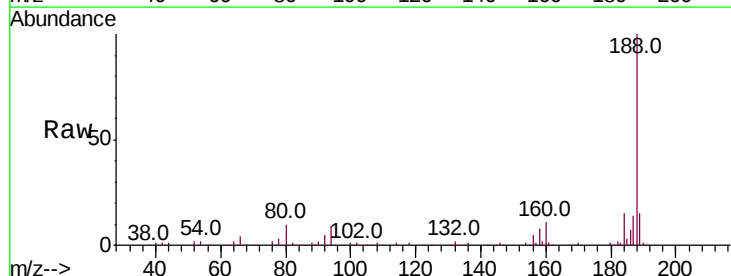
Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.7	20.2	30.2

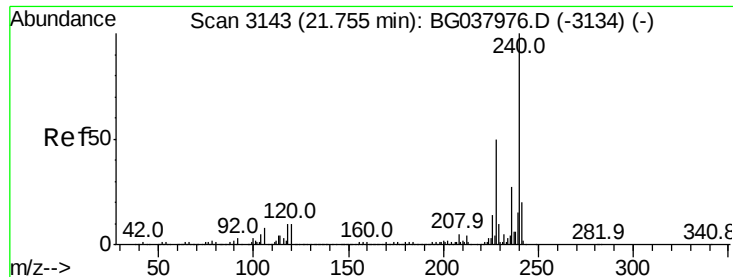


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038163.D
 Acq: 27 Nov 2018 10:13

Tgt Ion:188 Resp: 253422

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-S

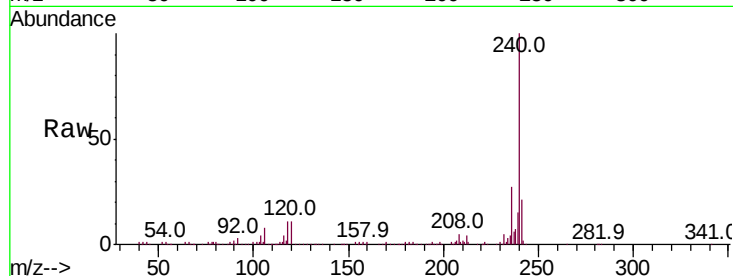
Tot Ion:240 Resp: 237898

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.6	21.4	32.0

240 100

120 11.1 8.1 12.1

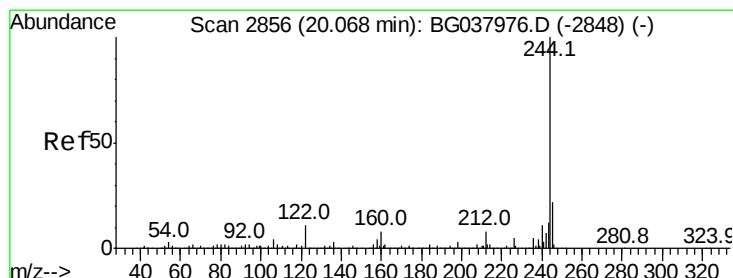
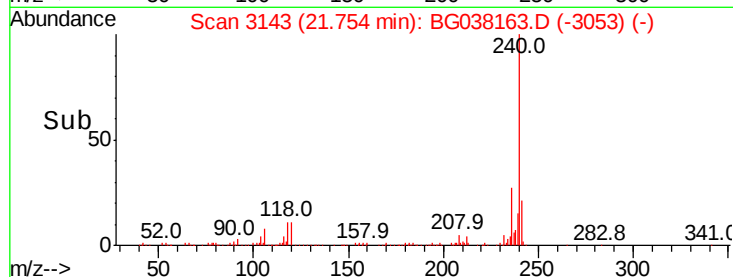
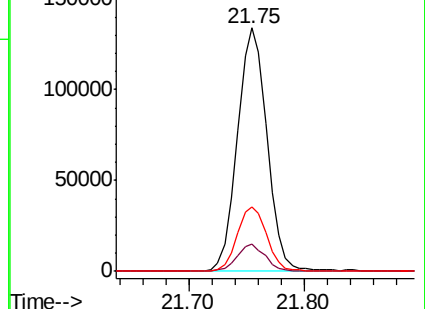
236 26.6 21.4 32.0



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: 102.854 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

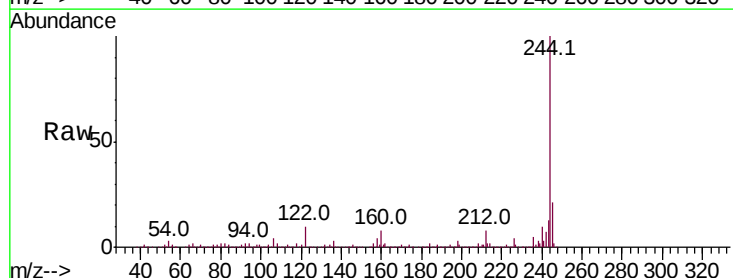
Tgt Ion:244 Resp: 1039888

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.0	9.0	13.4

244 100

212 8.1 6.5 9.7

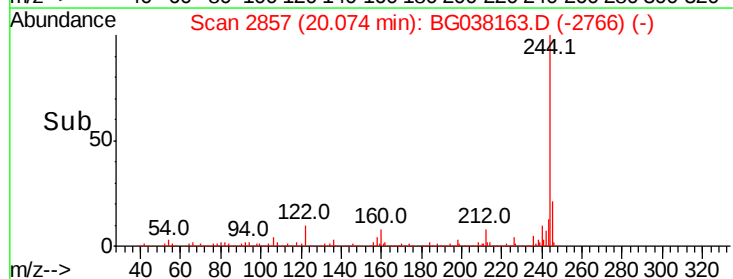
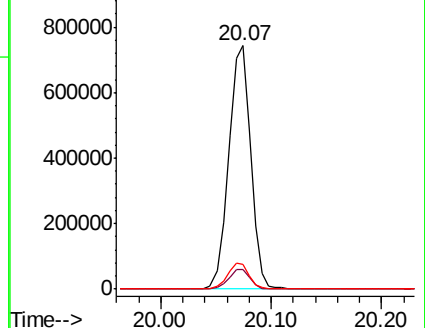
122 10.0 9.0 13.4

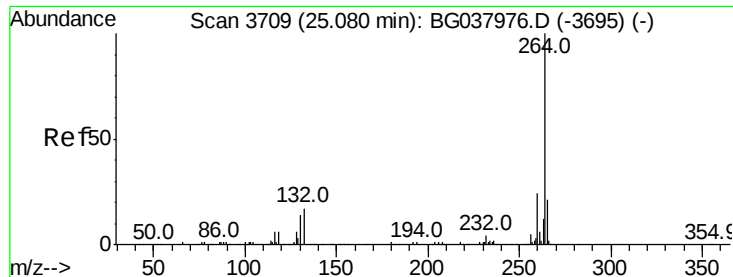


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-U-S

Tot Ion:264 Resp: 240787

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.2 17.9 26.9

