

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038208.D
 Acq On : 28 Nov 2018 20:32
 Operator : JU/SJ
 Sample : J6069-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-B

Quant Time: Nov 29 04:46:37 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

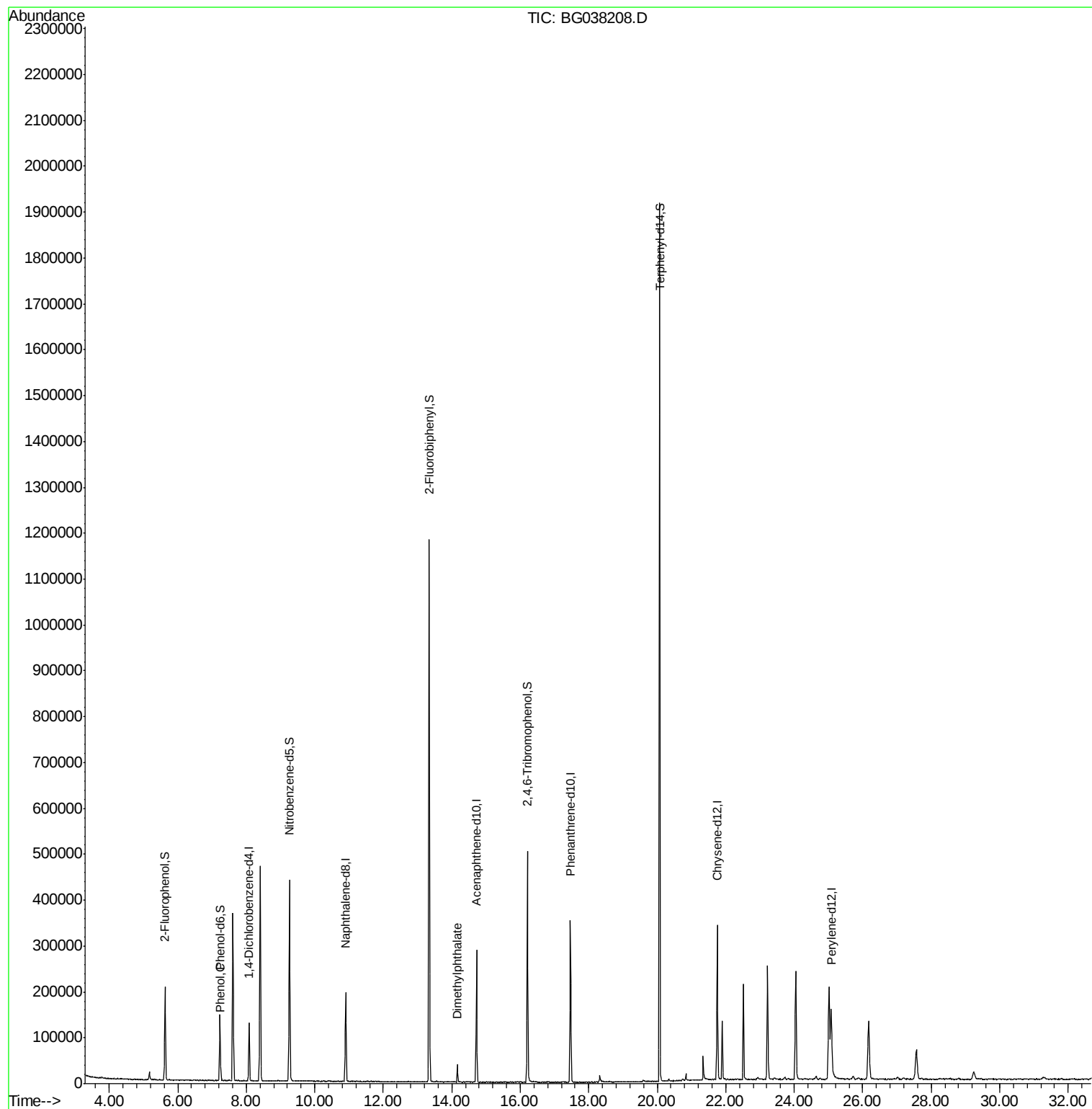
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35935	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	164826	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102872	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	225892	20.00	ng	0.00
76) Chrysene-d12	21.75	240	214074	20.00	ng	0.00
87) Perylene-d12	25.07	264	205954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92456	44.42	ng	0.00
7) Phenol-d6	7.23	99	85899	28.91	ng	0.00
23) Nitrobenzene-d5	9.26	82	274968	89.30	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	94276	80.36	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	617325	87.42	ng	0.00
79) Terphenyl-d14	20.07	244	911641	100.20	ng	0.00
Target Compounds						
10) Phenol	7.25	94	6531	2.075	ng	95
50) Dimethylphthalate	14.16	163	29058	3.563	ng	# 94

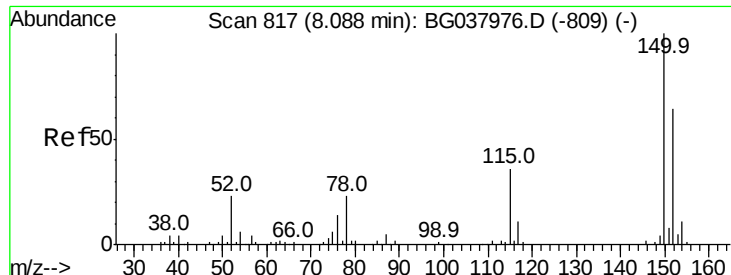
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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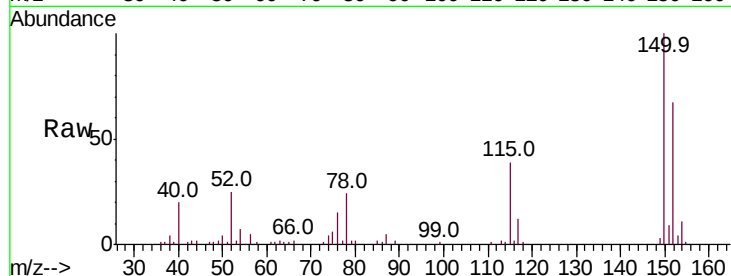


#1

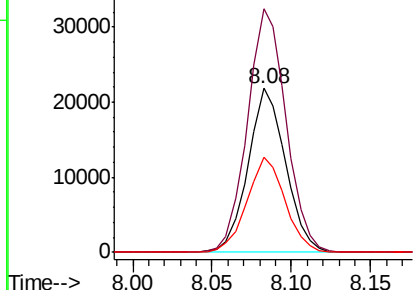
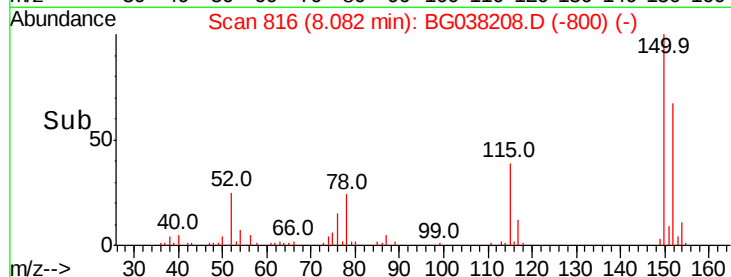
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-B

Tot Ion:152 Resp: 35935
 Ion Ratio Lower Upper
 152 100
 150 148.4 126.0 189.0
 115 57.9 45.5 68.3



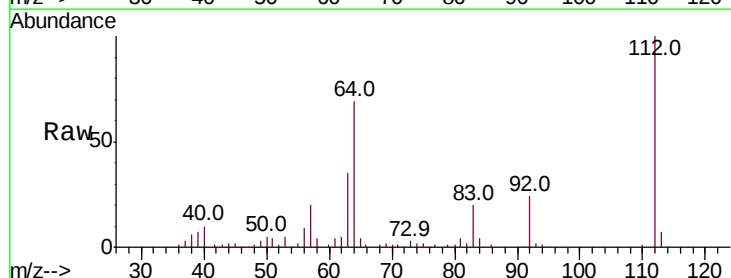
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



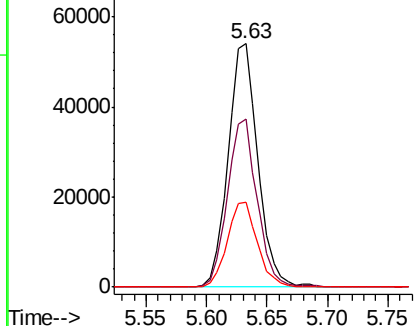
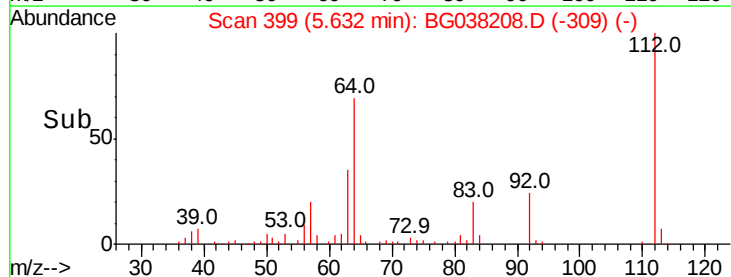
#5

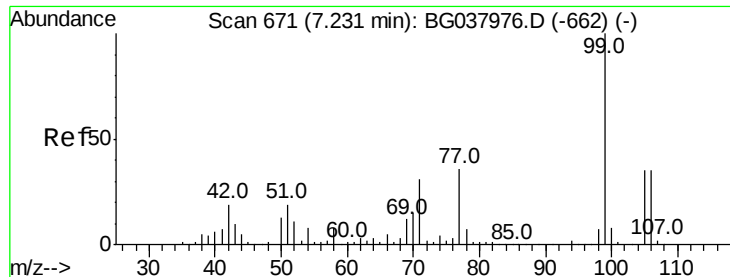
2-Fluorophenol
 Concen: 44.422 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038208.D
 Acq: 28 Nov 2018 20:32

Tgt Ion:112 Resp: 92456
 Ion Ratio Lower Upper
 112 100
 64 68.8 53.1 79.7
 63 34.7 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: 28.913 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

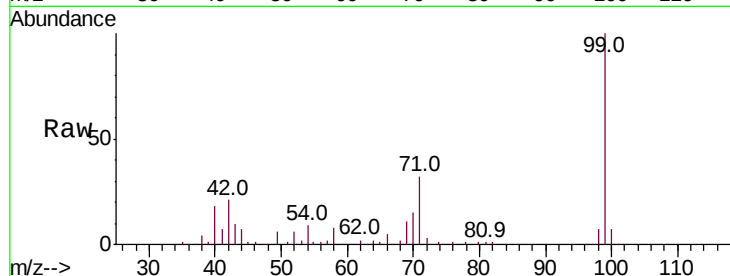
Tot Ion: 99 Resp: 85899

Ion Ratio Lower Upper

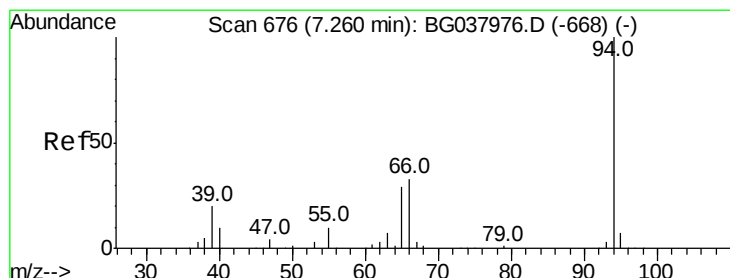
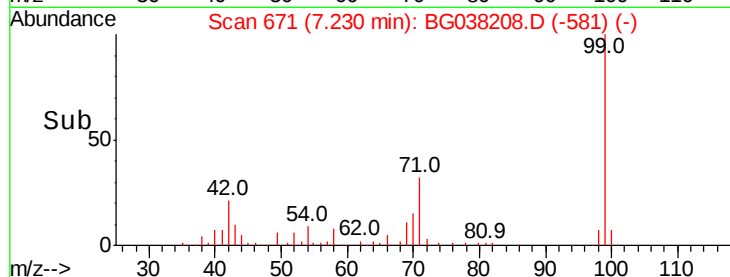
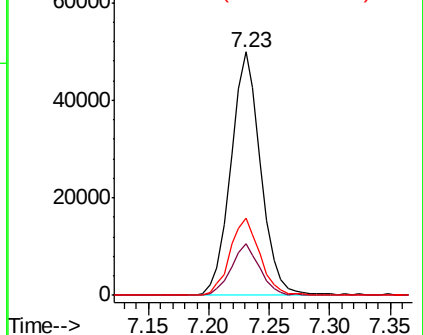
99 100

42 21.1 15.0 22.4

71 31.7 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: 2.075 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

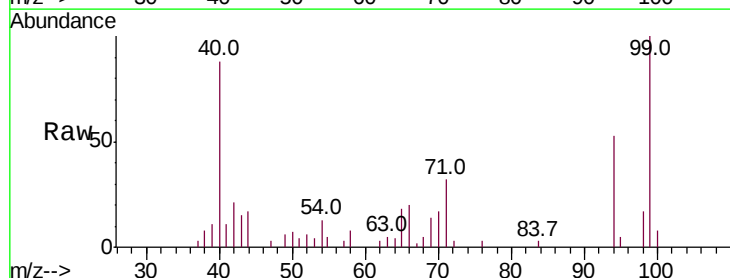
Tgt Ion: 94 Resp: 6531

Ion Ratio Lower Upper

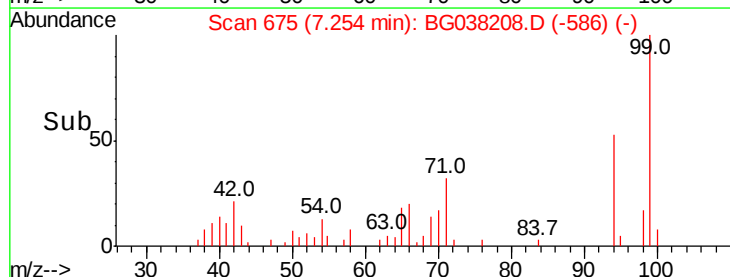
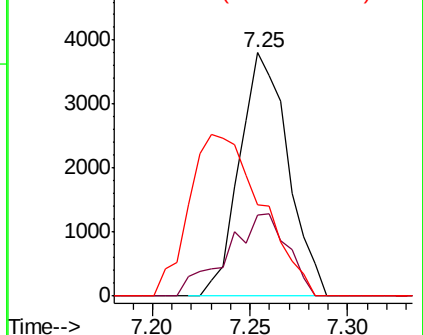
94 100

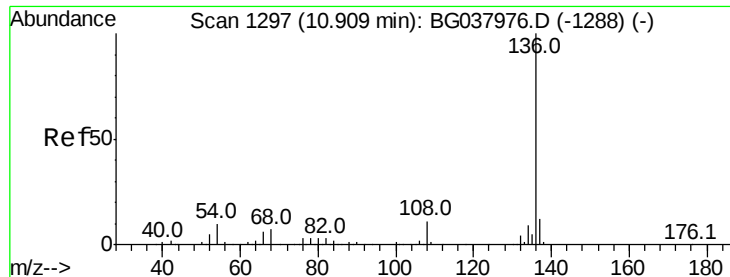
65 33.5 9.7 49.7

66 37.4 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

Tot Ion:136 Resp: 164826

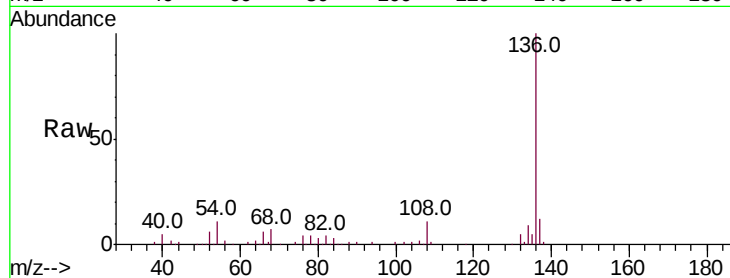
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 11.0 7.9 11.9

68 7.4 4.8 7.2#

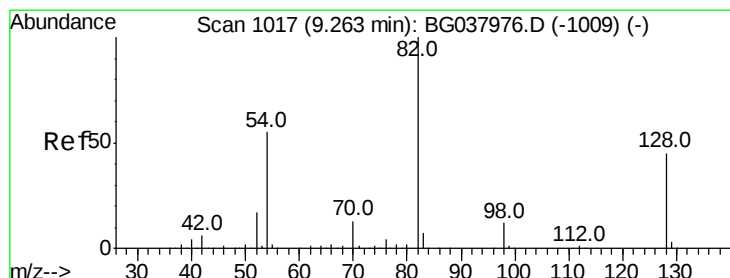
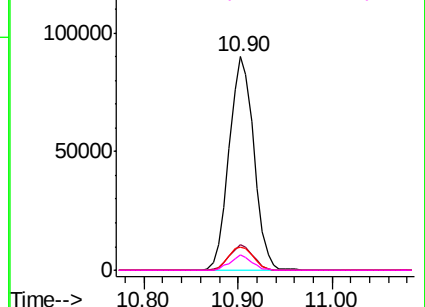
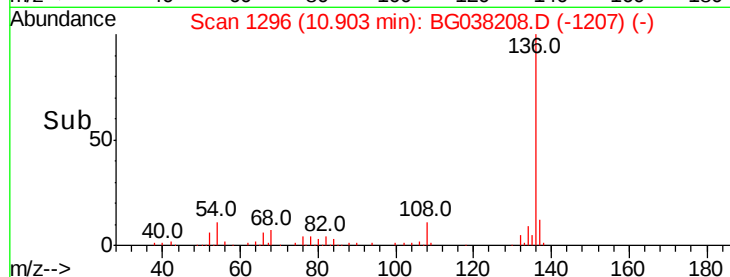


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.301 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

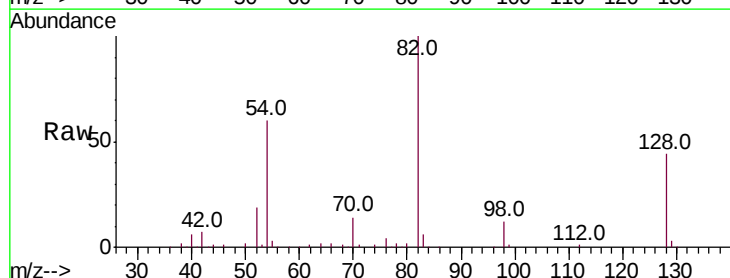
Tgt Ion: 82 Resp: 274968

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

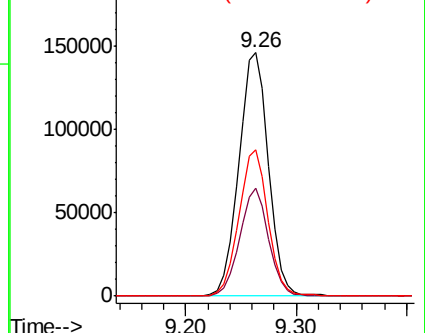
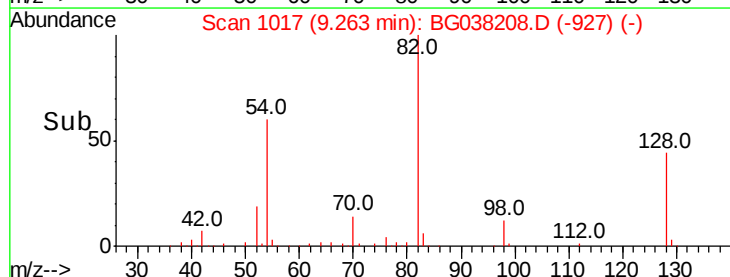
54 60.3 45.3 67.9



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: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

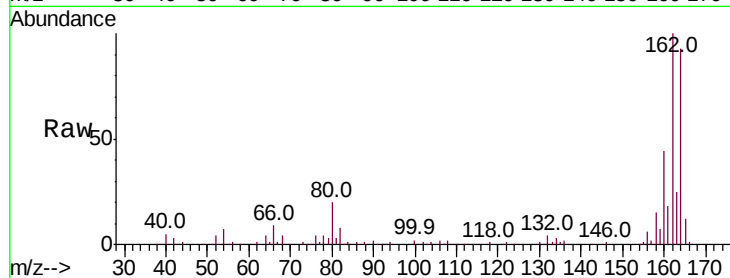
Tot Ion:164 Resp: 102872

Ion Ratio Lower Upper

164 100

162 107.9 81.3 121.9

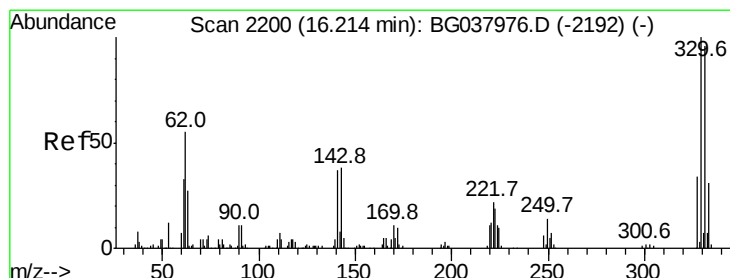
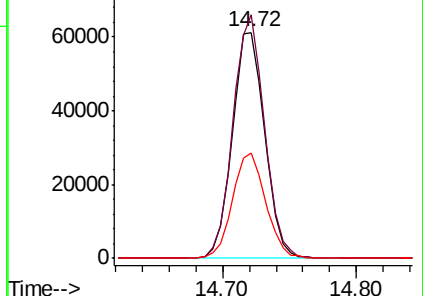
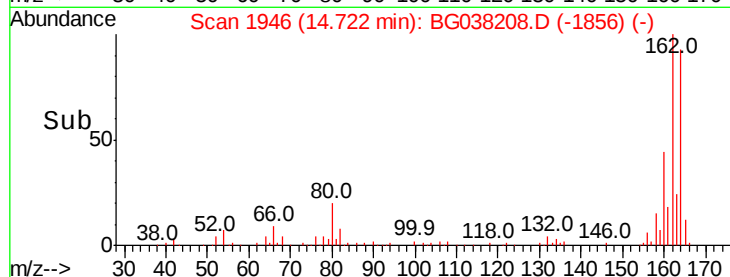
160 46.9 36.3 54.5



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: 80.356 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

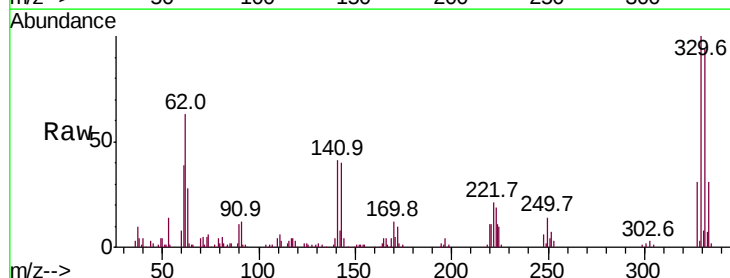
Tgt Ion:330 Resp: 94276

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

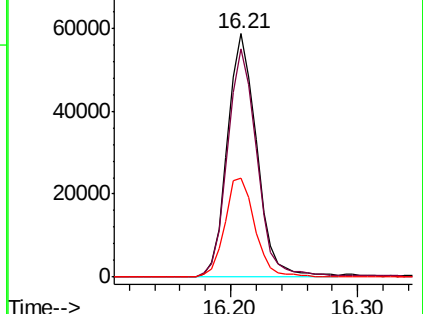
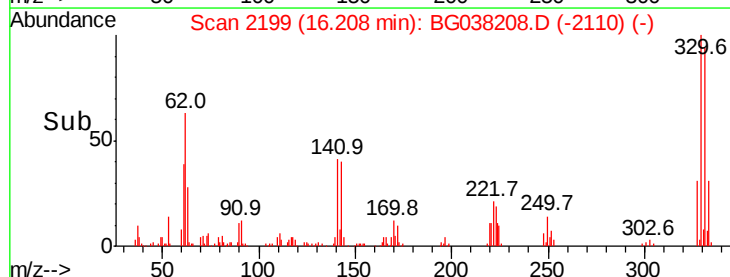
141 41.9 32.2 48.2

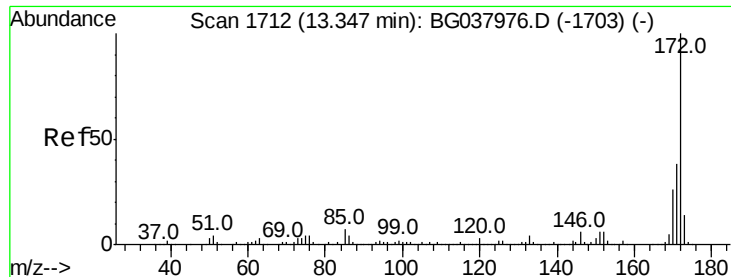


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 87.424 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

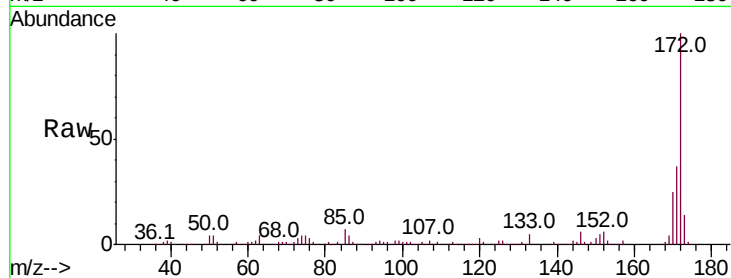
BNA_G

ClientSampleId :

112318-DBRI-F-D-B

Tot Ion:172 Resp: 617325

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.8	20.2	30.2

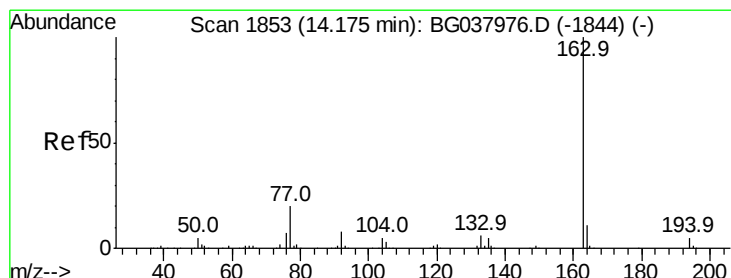
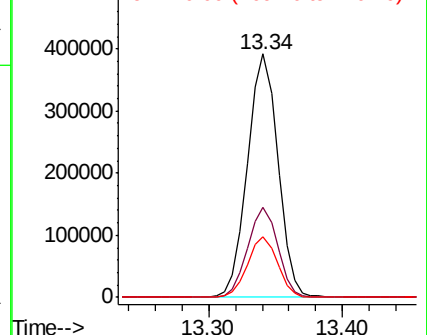
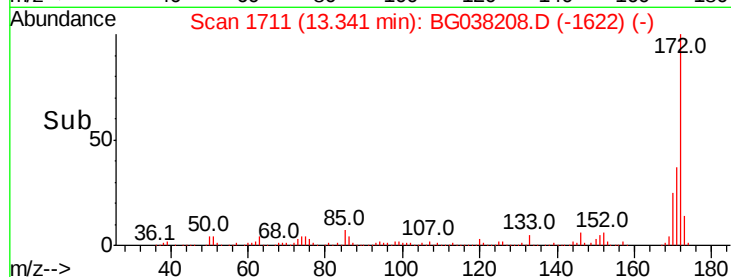


Abundance

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



#50

Dimethylphthalate

Concen: 3.563 ng

RT: 14.16 min Scan# 1851

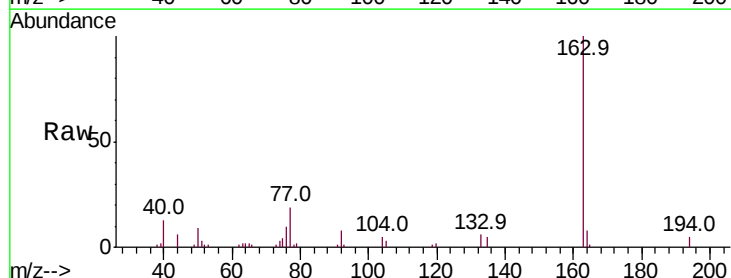
Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Tgt Ion:163 Resp: 29058

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	7.9	8.5	12.7#

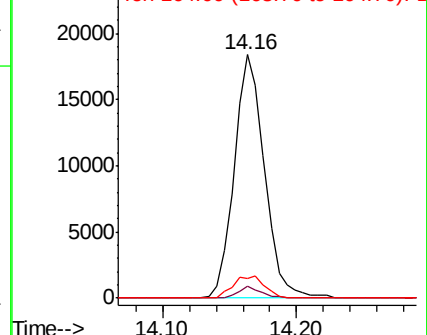
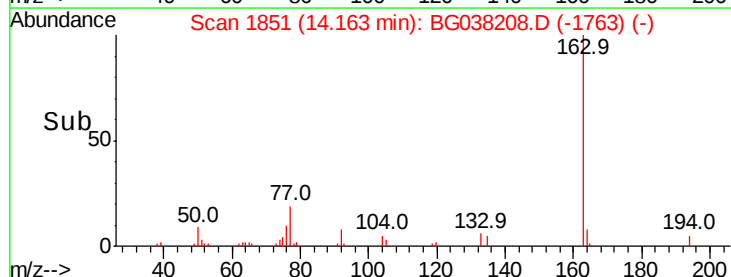


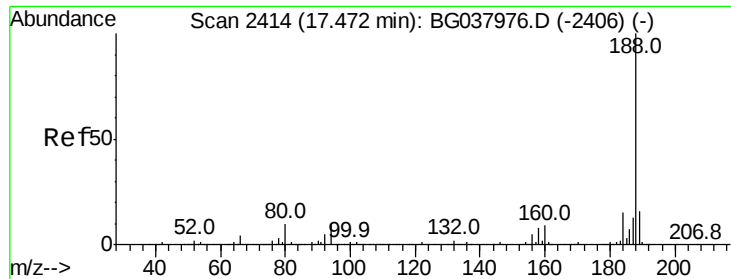
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

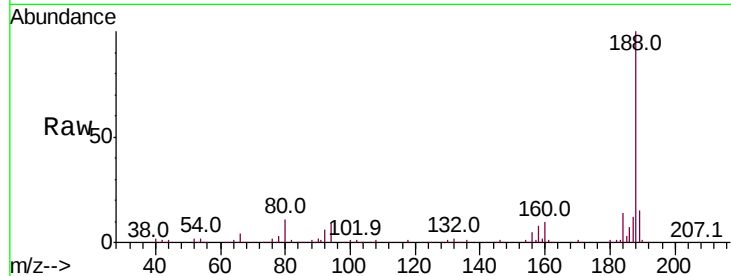




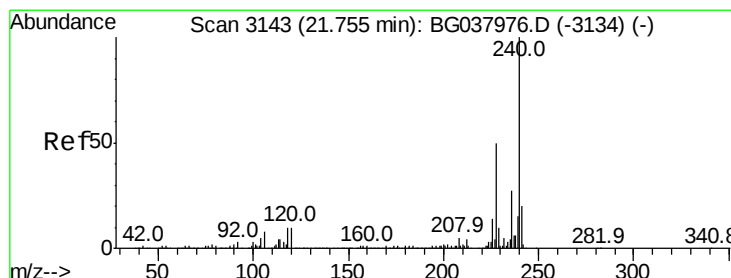
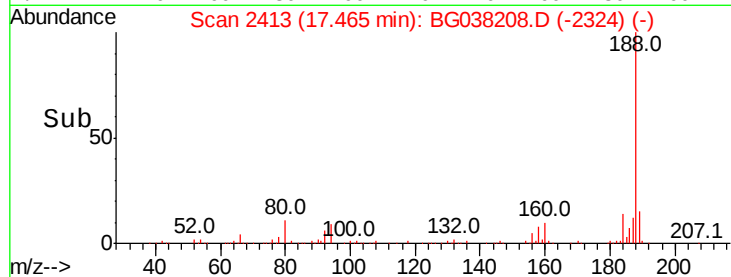
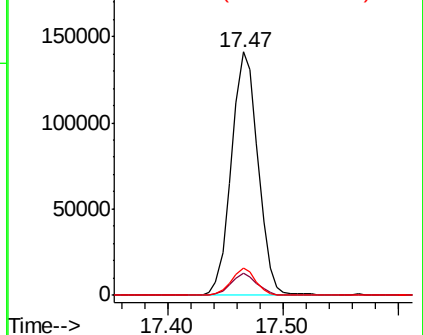
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

Instrument :
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112318-DBRI-F-D-B

Tot Ion:188 Resp: 225892
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 11.4 7.7 11.5

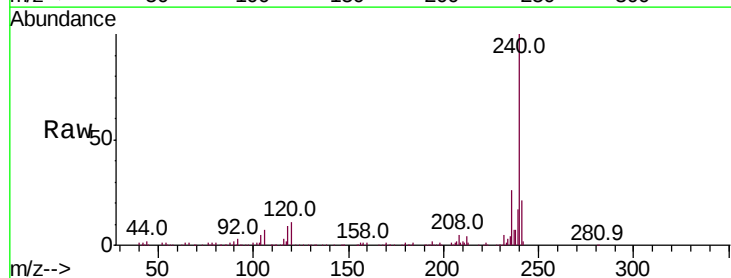


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

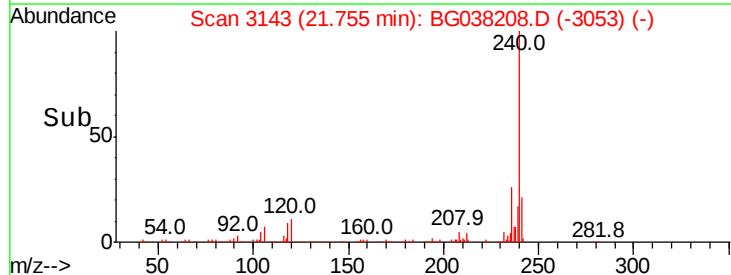
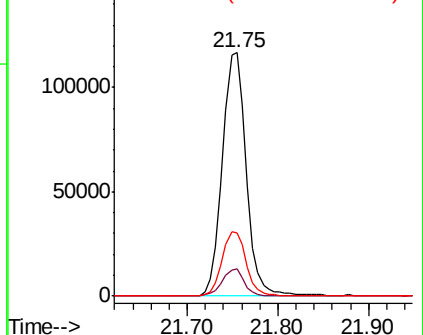


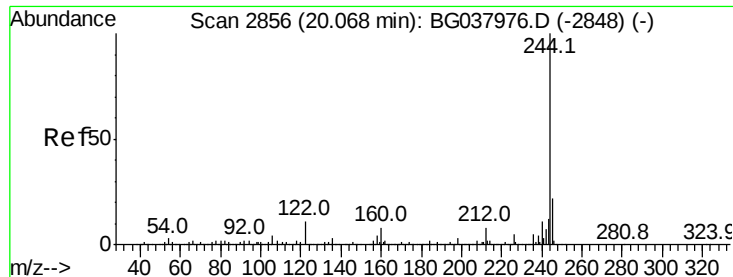
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038208.D
Acq: 28 Nov 2018 20:32

Tgt Ion:240 Resp: 214074
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.0 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: 100.204 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-B

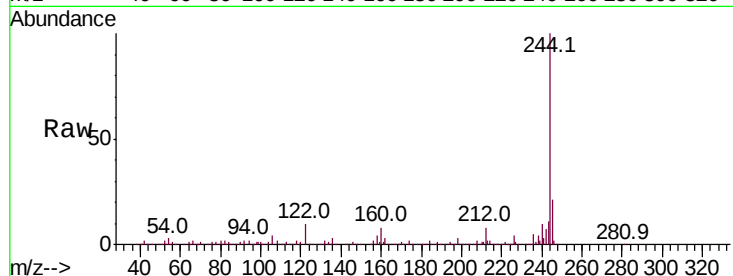
Tot Ion:244 Resp: 911641

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

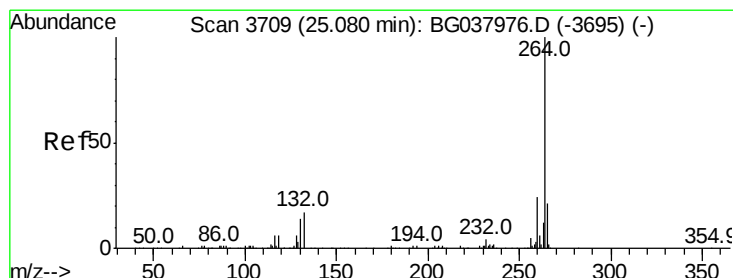
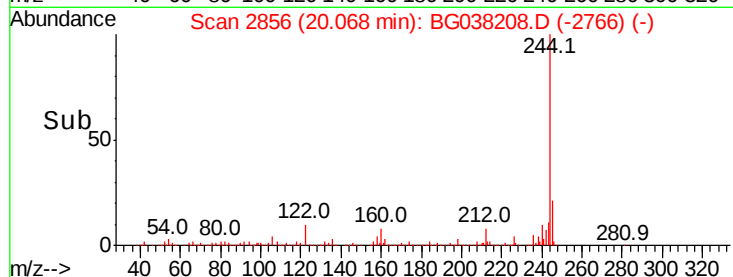
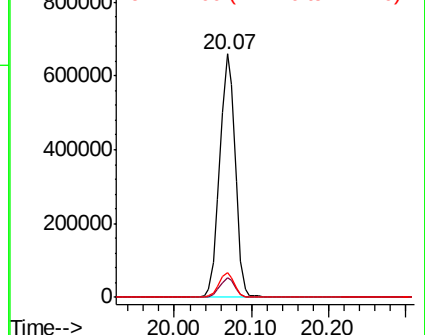
122 10.2 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038208.D

Acq: 28 Nov 2018 20:32

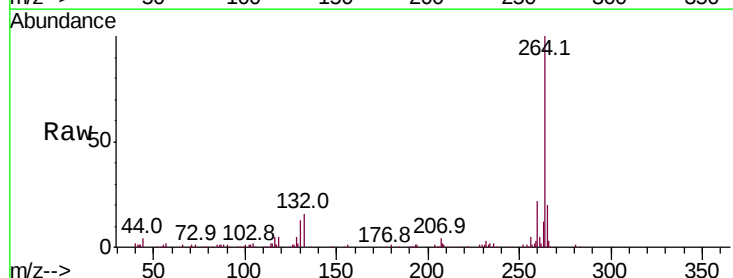
Tgt Ion:264 Resp: 205954

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 20.2 17.9 26.9



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

