

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038209.D
 Acq On : 28 Nov 2018 21:12
 Operator : JU/SJ
 Sample : J6069-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 29 04:47:16 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

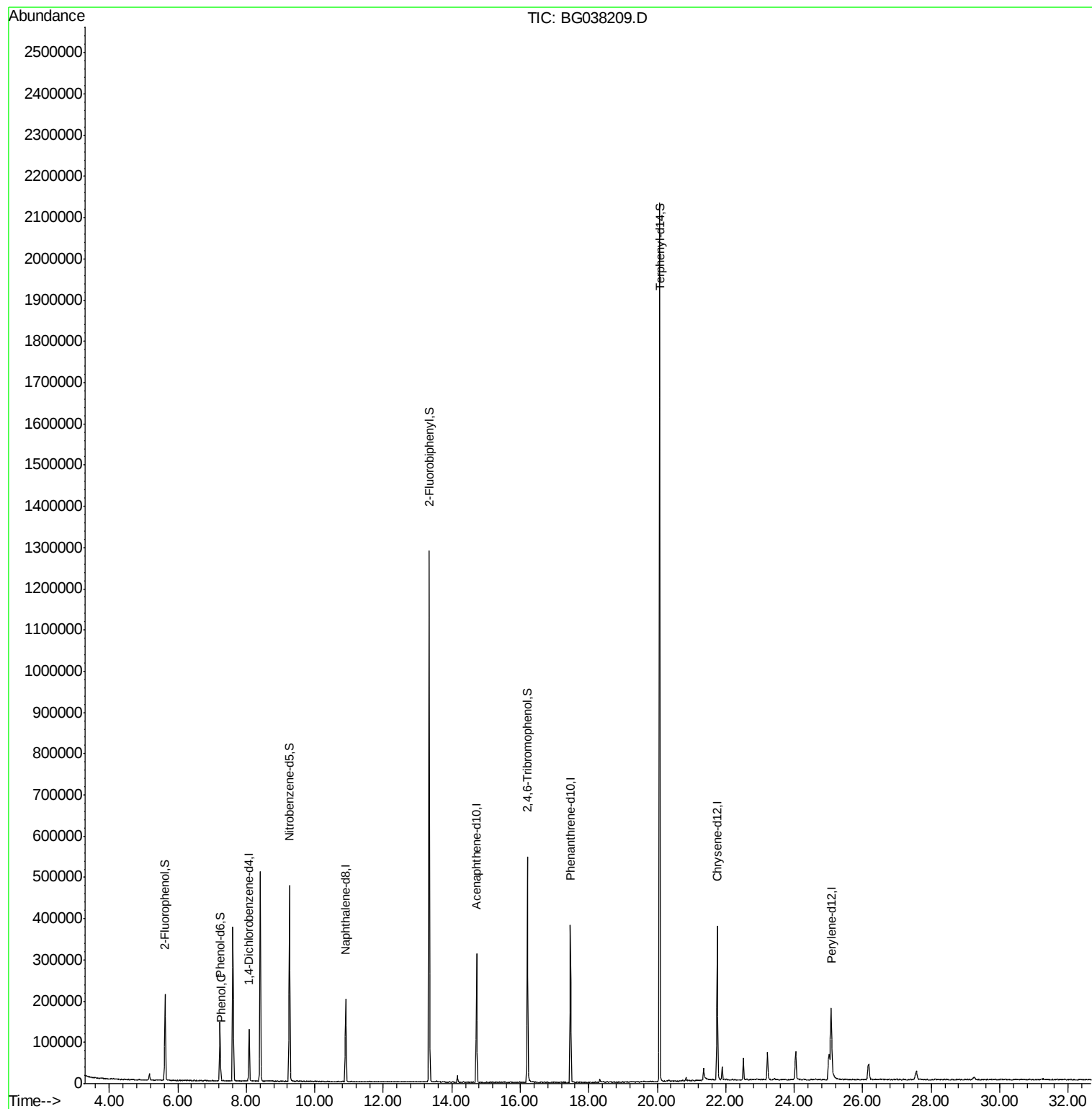
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36732	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172102	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110258	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	246753	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237918	20.00	ng	0.00
87) Perylene-d12	25.07	264	225404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	94635	44.48	ng	0.00
7) Phenol-d6	7.23	99	85274	28.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	300704	93.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	101667	80.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	671119	88.68	ng	0.00
79) Terphenyl-d14	20.07	244	980377	96.96	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7244	2.252	ng	Qvalue 92

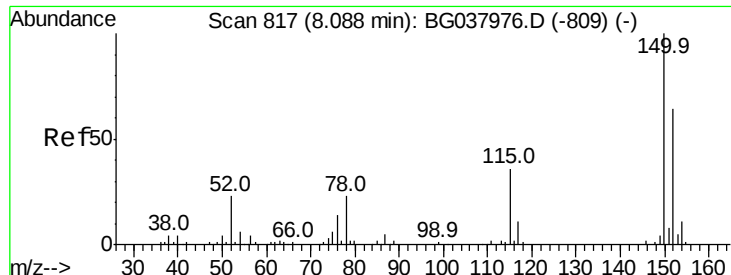
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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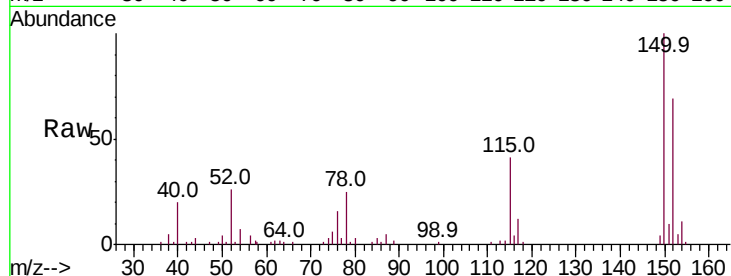


#1

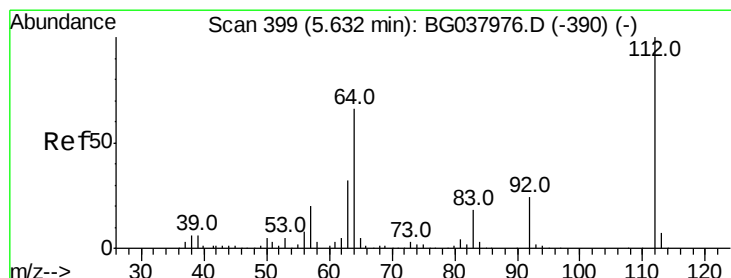
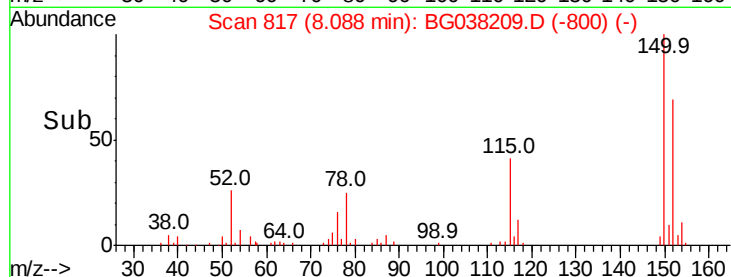
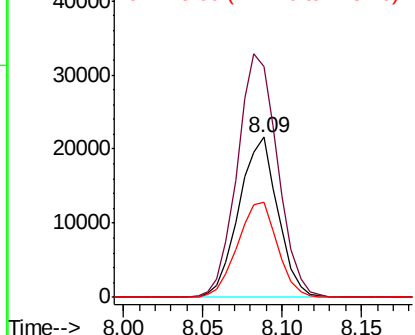
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

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

Tot Ion:152 Resp: 36732
 Ion Ratio Lower Upper
 152 100
 150 144.2 126.0 189.0
 115 59.1 45.5 68.3



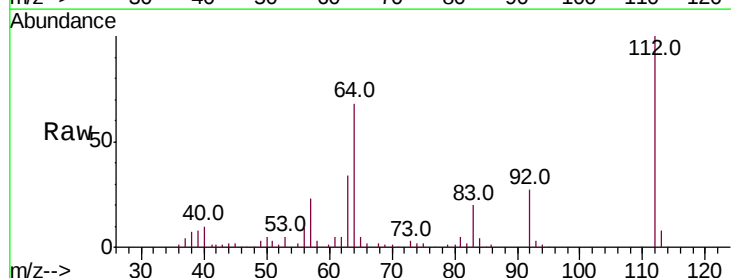
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



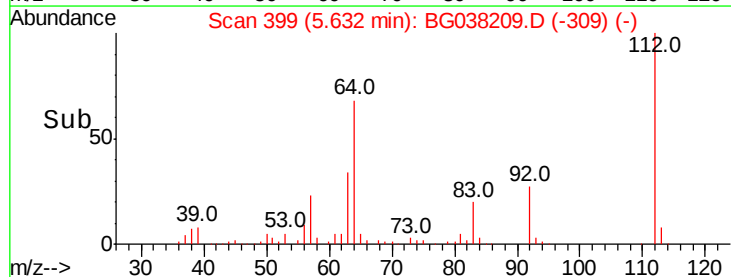
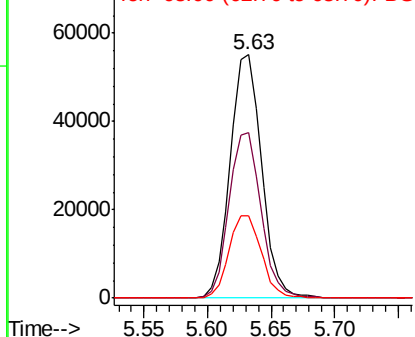
#5

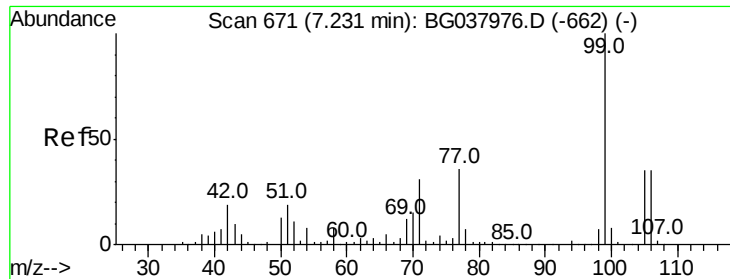
2-Fluorophenol
 Concen: 44.483 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion:112 Resp: 94635
 Ion Ratio Lower Upper
 112 100
 64 68.0 53.1 79.7
 63 33.7 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: 28.080 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

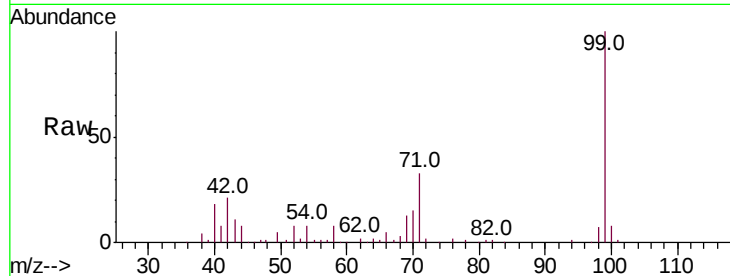
Tot Ion: 99 Resp: 85274

Ion Ratio Lower Upper

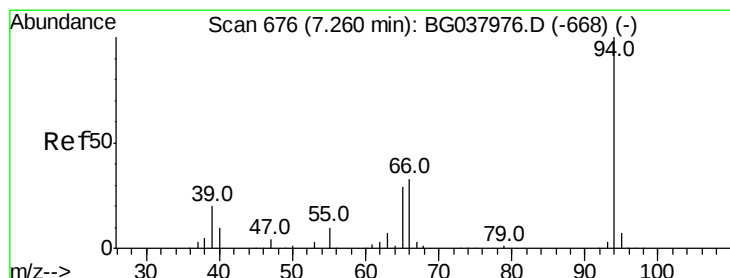
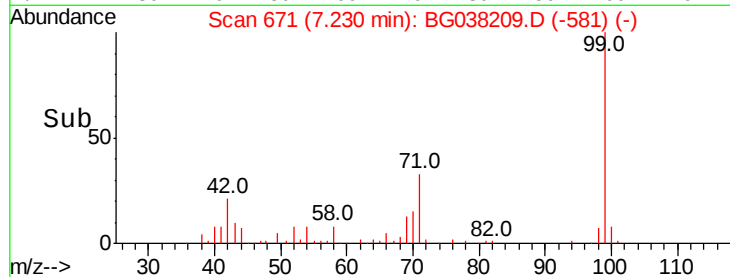
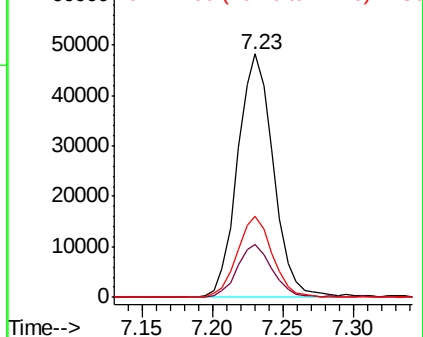
99 100

42 21.5 15.0 22.4

71 33.2 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: 2.252 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

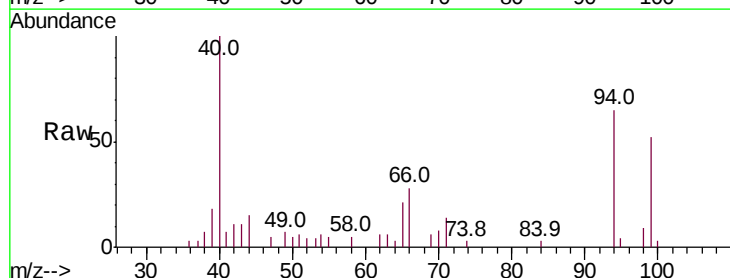
Tgt Ion: 94 Resp: 7244

Ion Ratio Lower Upper

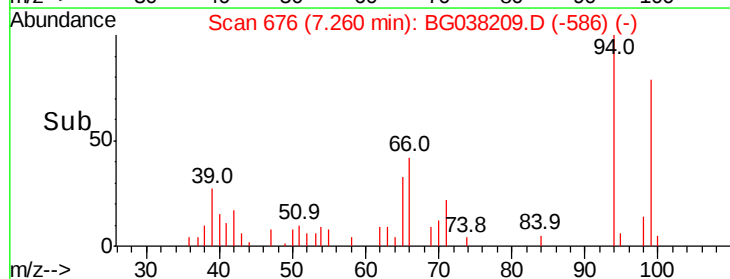
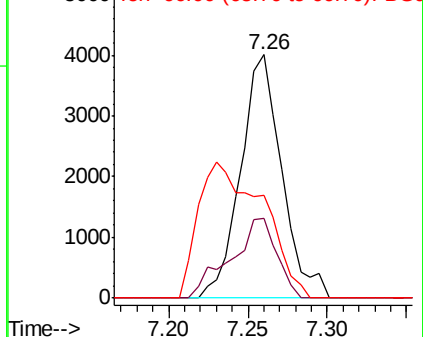
94 100

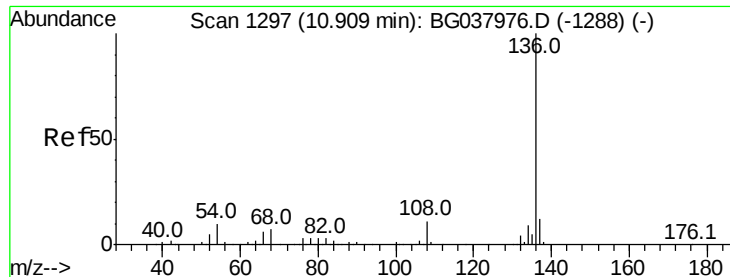
65 32.8 9.7 49.7

66 42.2 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

Tot Ion:136 Resp: 172102

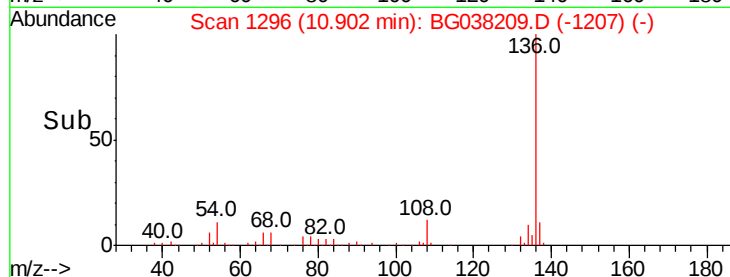
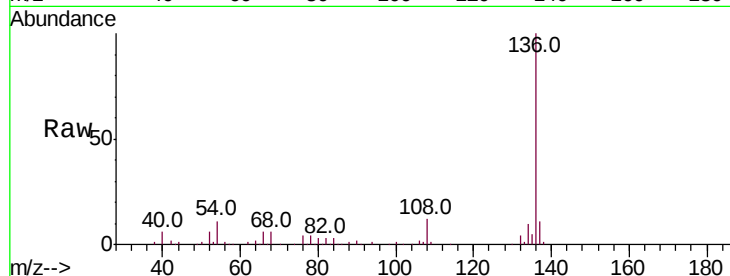
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 11.1 7.9 11.9

68 5.8 4.8 7.2

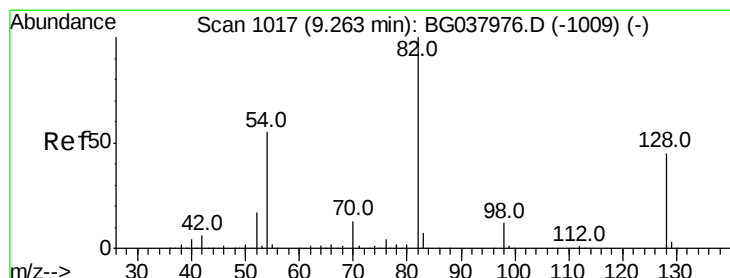
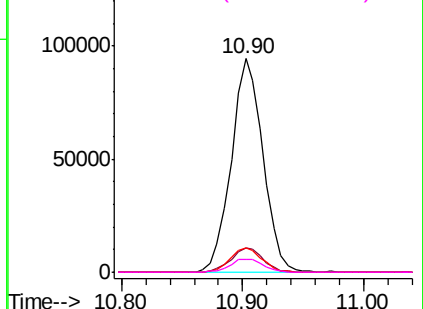


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.531 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

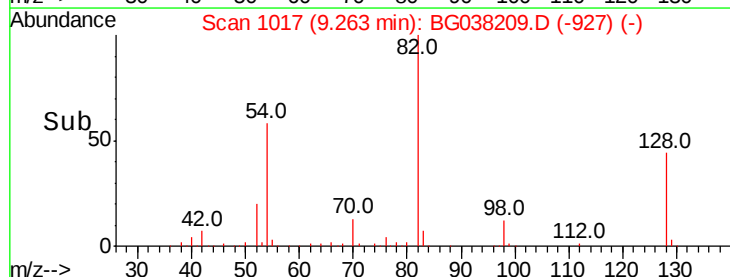
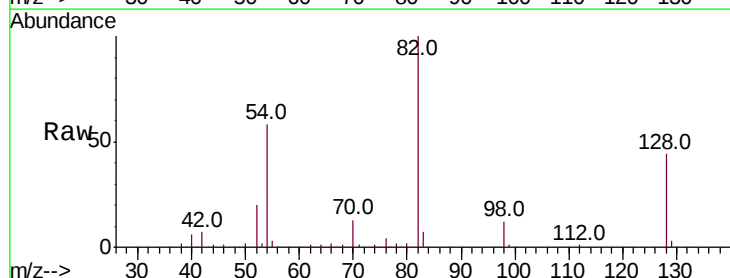
Tgt Ion: 82 Resp: 300704

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

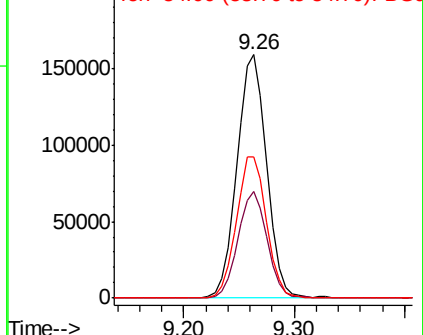
54 57.8 45.3 67.9

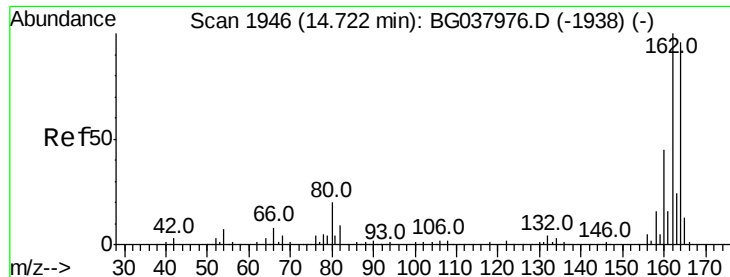


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

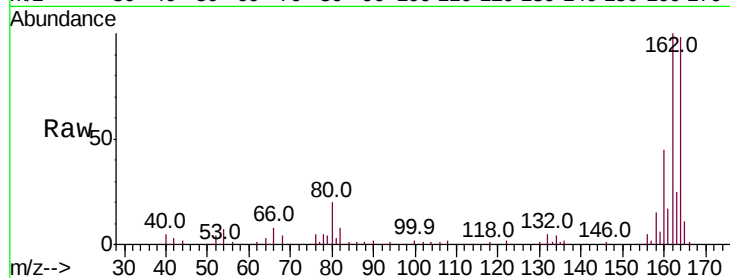
Tot Ion:164 Resp: 110258

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

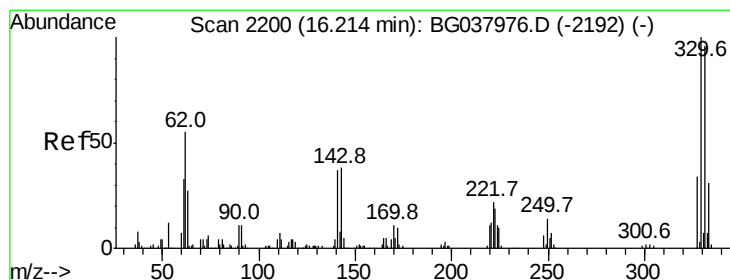
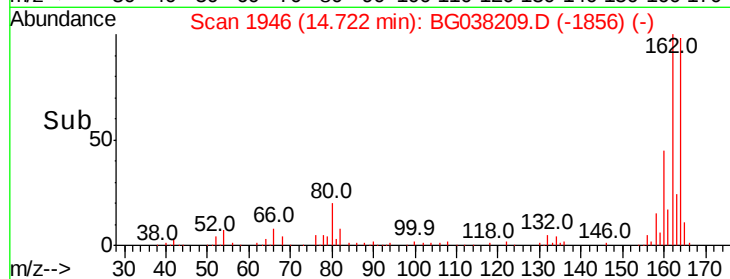
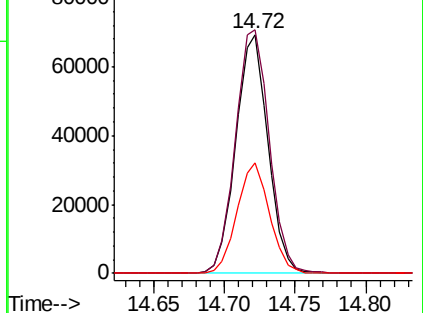
160 46.0 36.3 54.5



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: 80.851 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

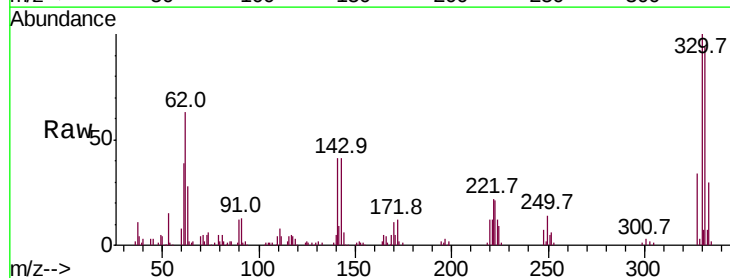
Tgt Ion:330 Resp: 101667

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

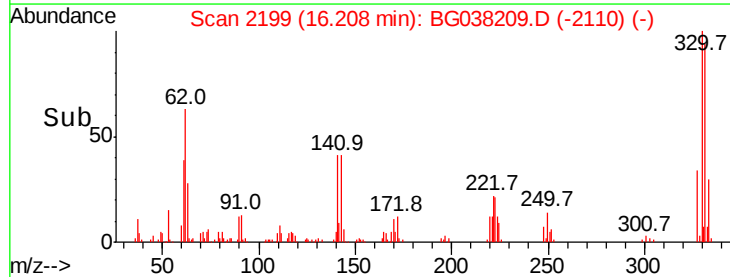
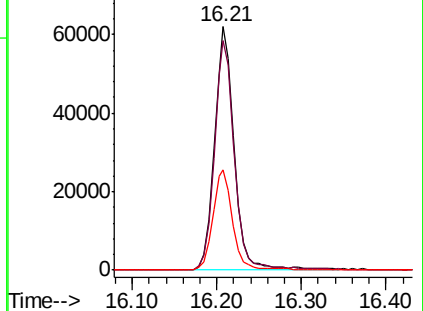
141 41.0 32.2 48.2

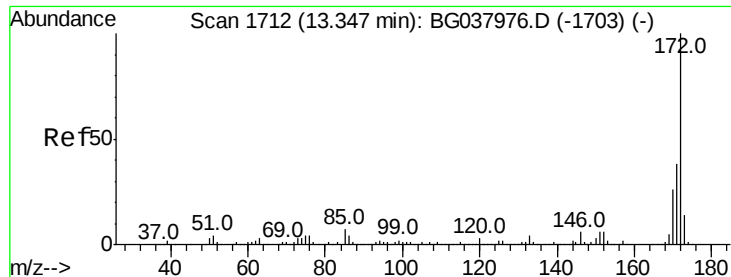


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

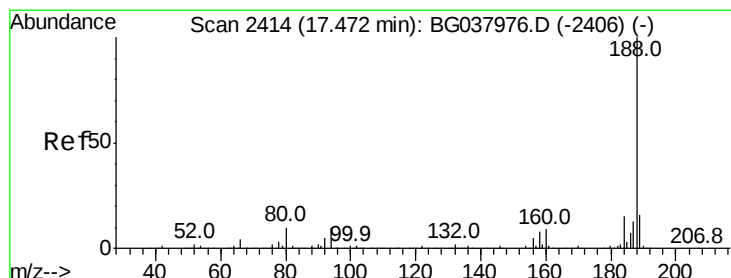
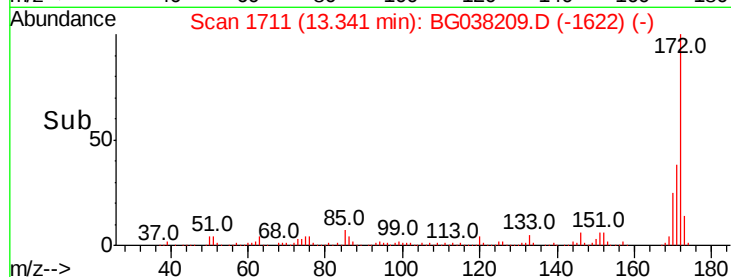
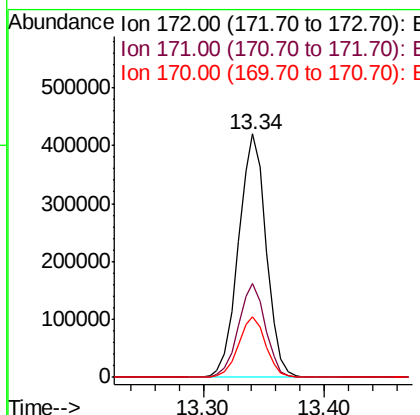
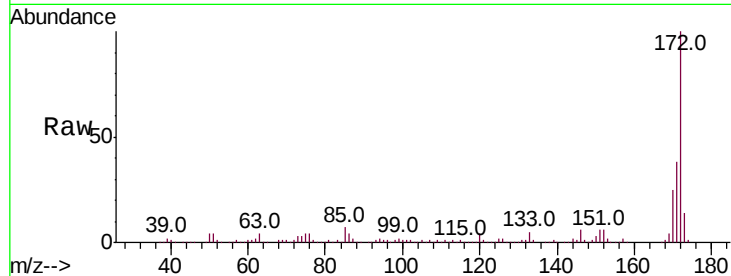




#45
 2-Fluorobiphenyl
 Concen: 88.676 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

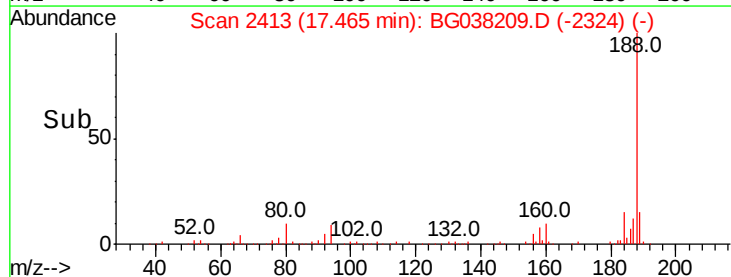
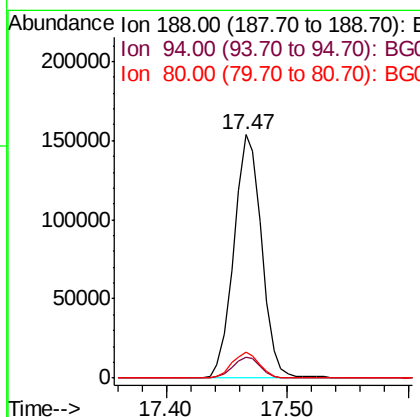
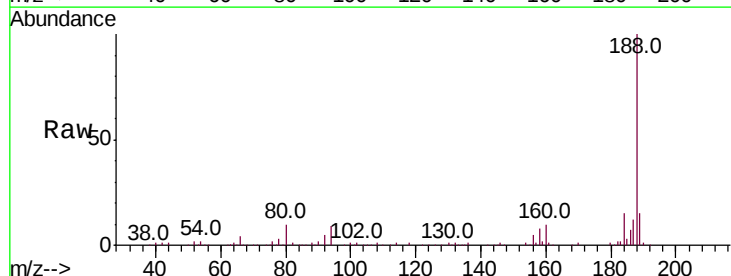
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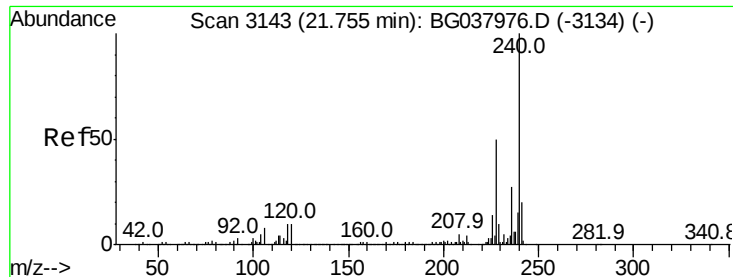
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038209.D
 Acq: 28 Nov 2018 21:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.5	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: BG038209.D

Acq: 28 Nov 2018 21:12

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-M

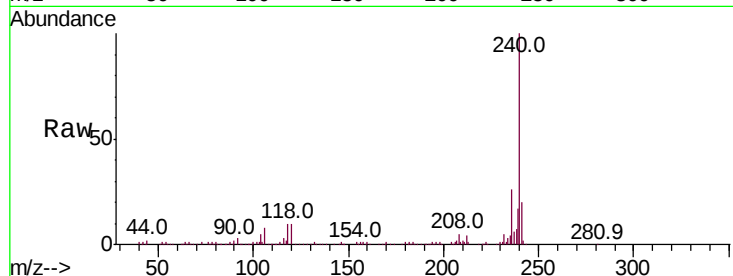
Tot Ion:240 Resp: 237918

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

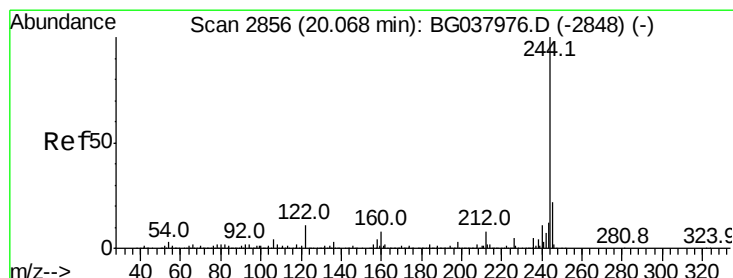
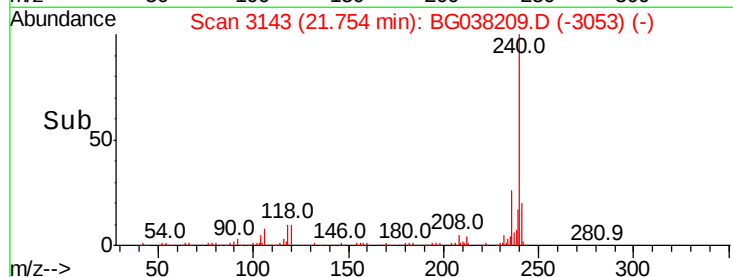
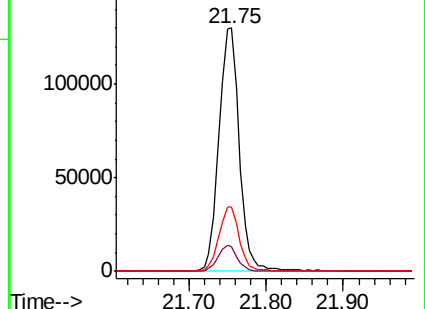
236 26.5 21.4 32.0



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: 96.959 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038209.D

Acq: 28 Nov 2018 21:12

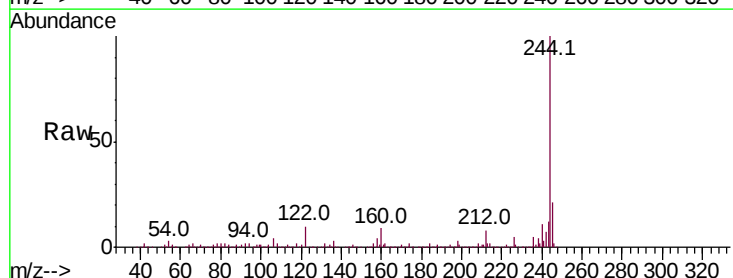
Tgt Ion:244 Resp: 980377

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

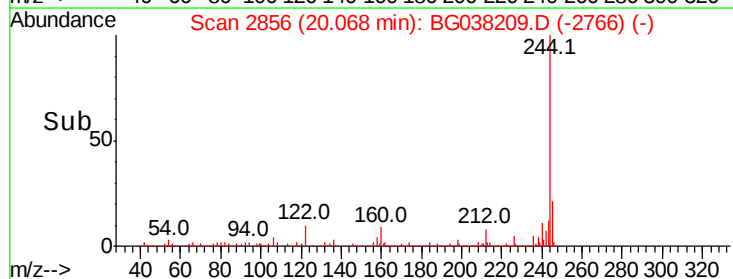
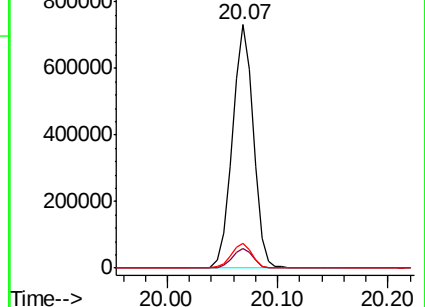
122 10.1 9.0 13.4

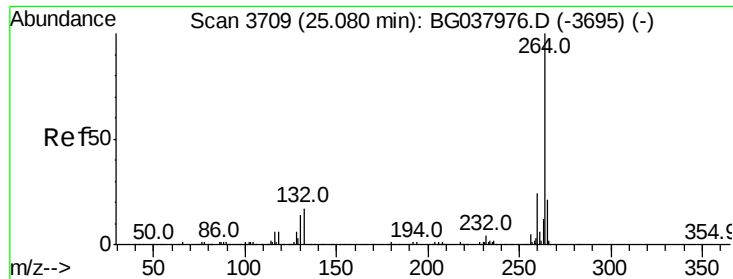


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038209.D
Acq: 28 Nov 2018 21:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.6	17.9	26.9

