

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038282.D
 Acq On : 1 Dec 2018 7:48
 Operator : JU/SJ
 Sample : J6129-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-B

Quant Time: Dec 03 00:12:33 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

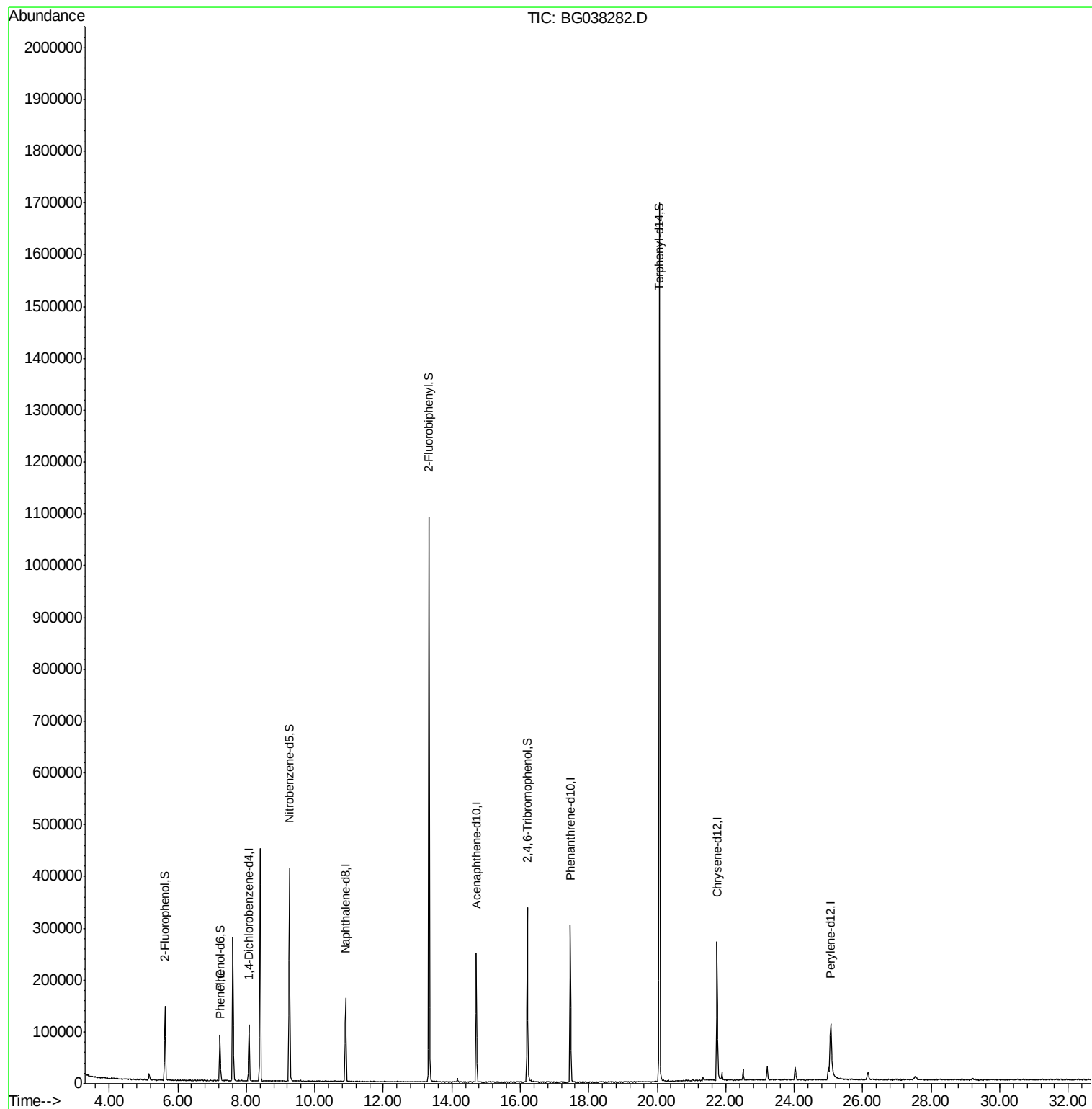
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30868	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	139936	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92843	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	204844	20.00	ng	0.00
76) Chrysene-d12	21.75	240	191074	20.00	ng	0.00
87) Perylene-d12	25.07	264	174343	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	64714	36.20	ng	0.00
7) Phenol-d6	7.23	99	54977	21.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	257353	98.45	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	66506	62.81	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	594785	93.33	ng	0.00
79) Terphenyl-d14	20.06	244	855416	105.34	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7055	2.610	ng	Qvalue 88

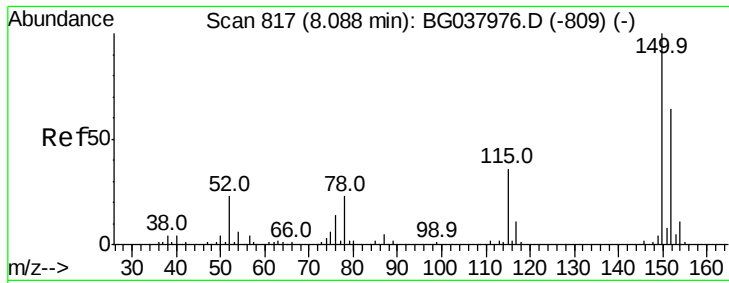
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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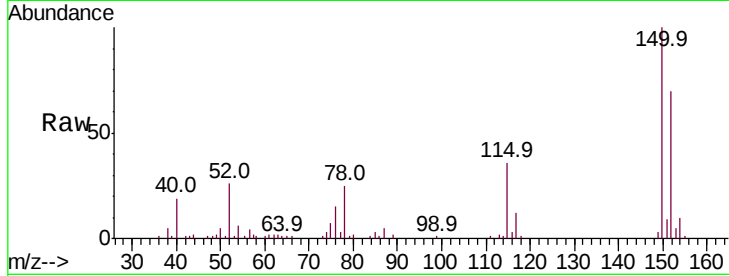


#1

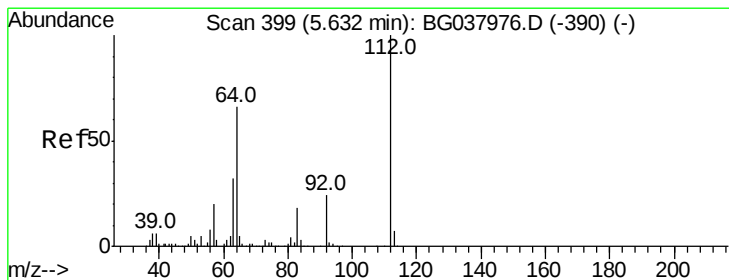
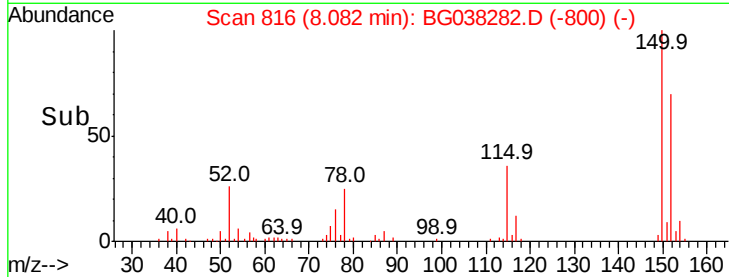
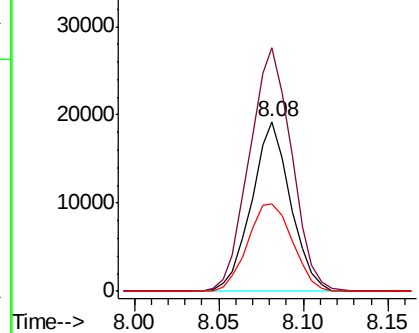
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.0	189.0
115	51.5	45.5	68.3



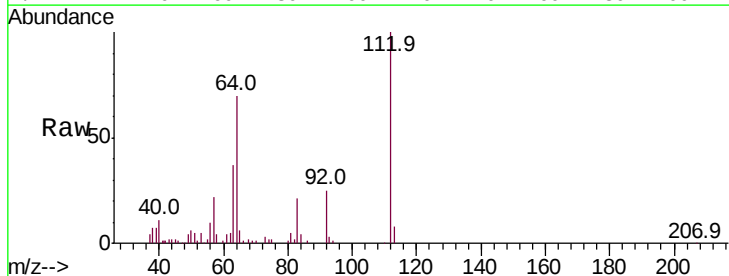
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



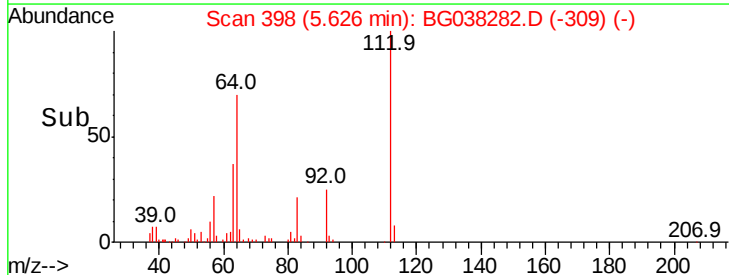
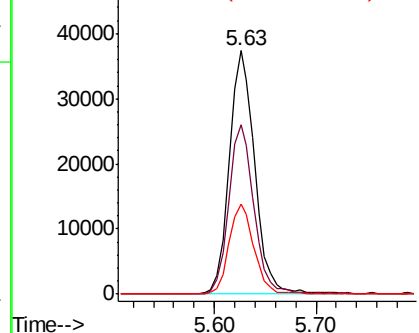
#5

2-Fluorophenol
Concen: 36.197 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.1	79.7
63	36.7	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: 21.543 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

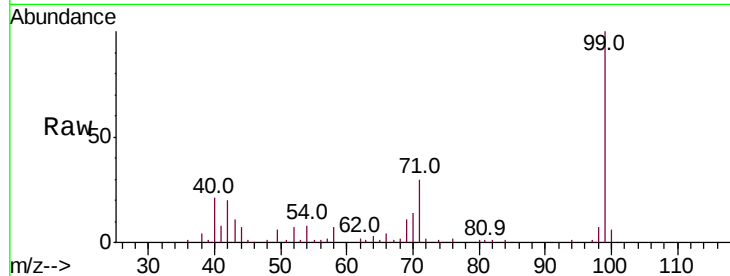
Tot Ion: 99 Resp: 54977

Ion Ratio Lower Upper

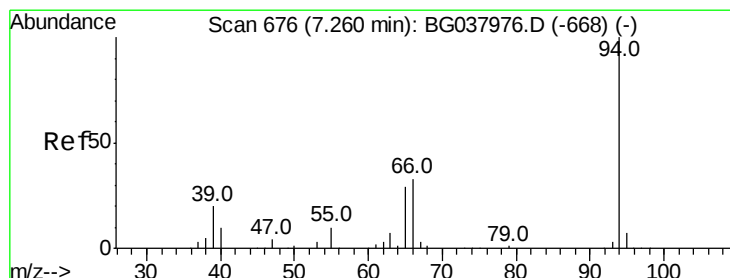
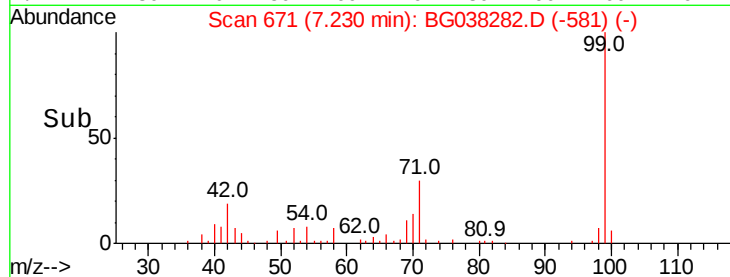
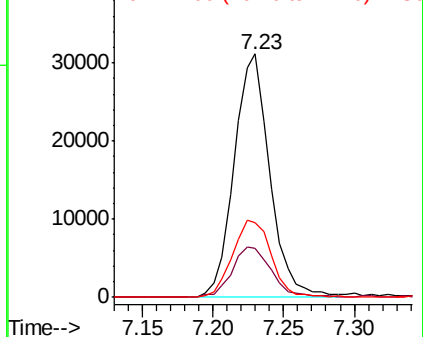
99 100

42 20.0 15.0 22.4

71 30.4 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: 2.610 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

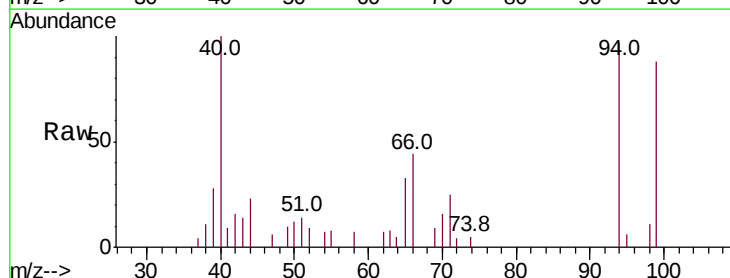
Tgt Ion: 94 Resp: 7055

Ion Ratio Lower Upper

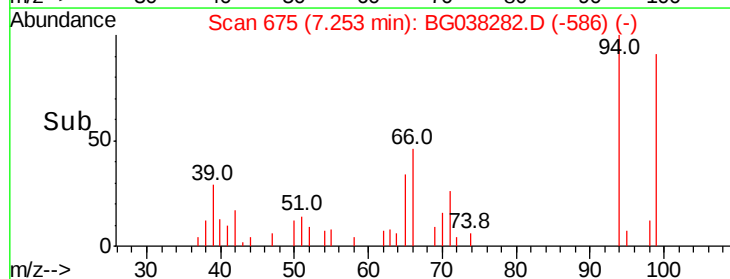
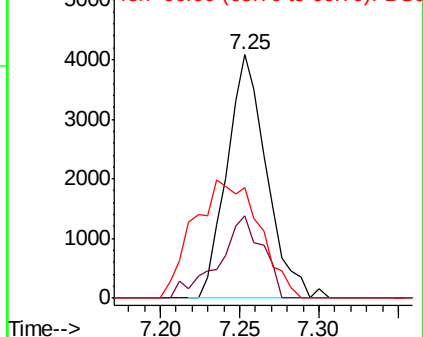
94 100

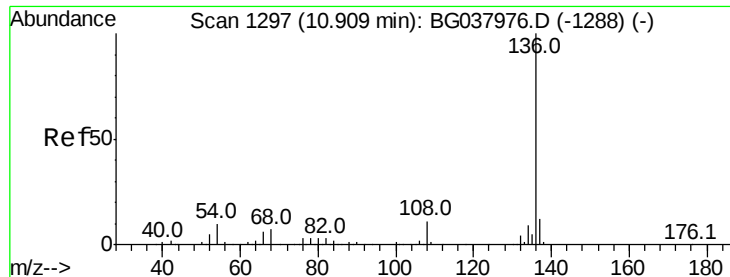
65 33.7 9.7 49.7

66 45.5 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: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

Tot Ion:136 Resp: 139936

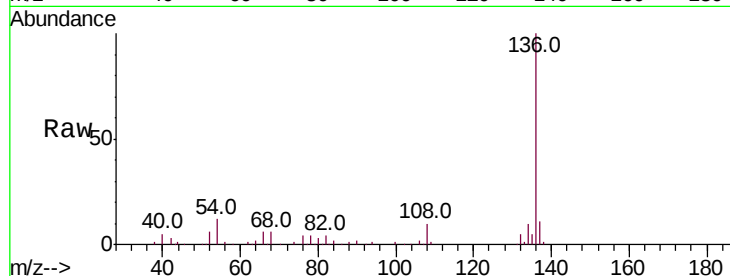
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 11.6 7.9 11.9

68 6.0 4.8 7.2

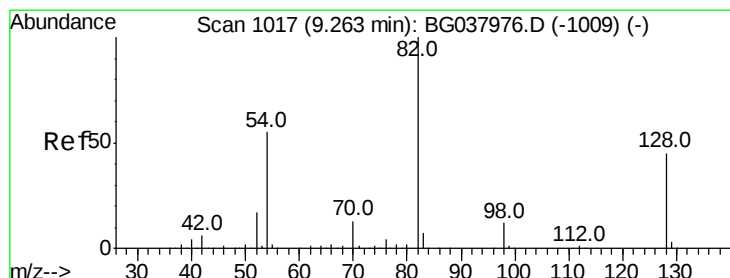
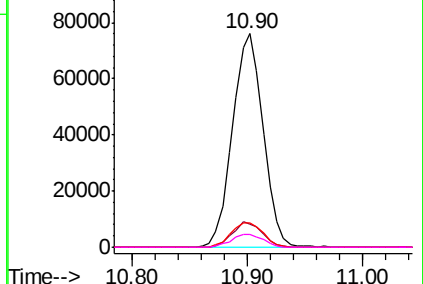
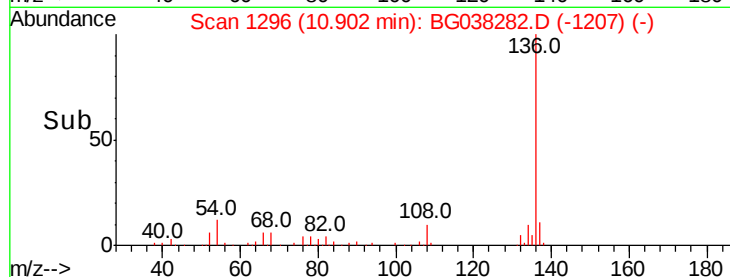


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.446 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

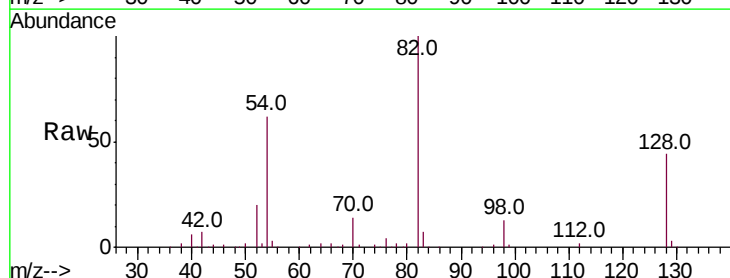
Tgt Ion: 82 Resp: 257353

Ion Ratio Lower Upper

82 100

128 44.0 34.6 51.8

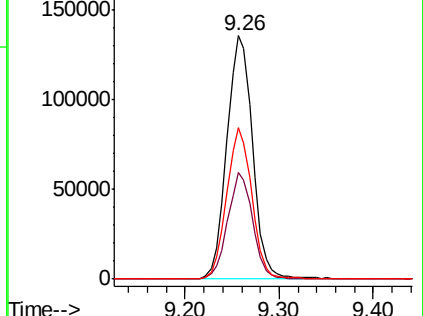
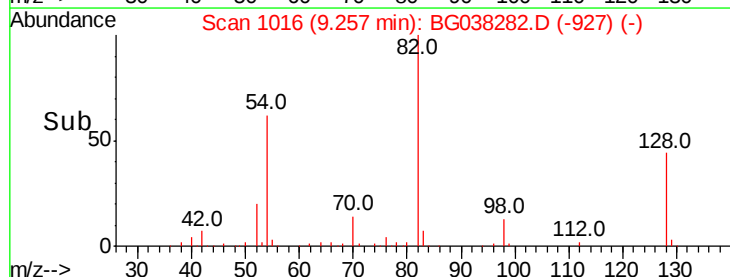
54 62.0 45.3 67.9

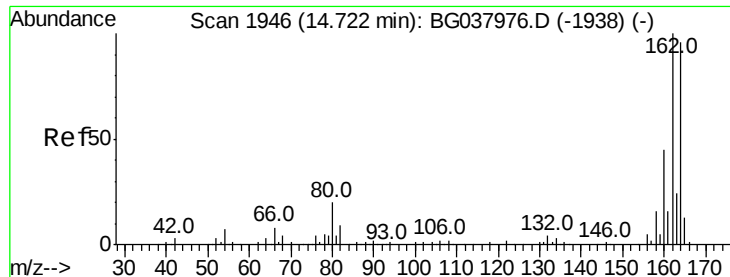


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1945

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

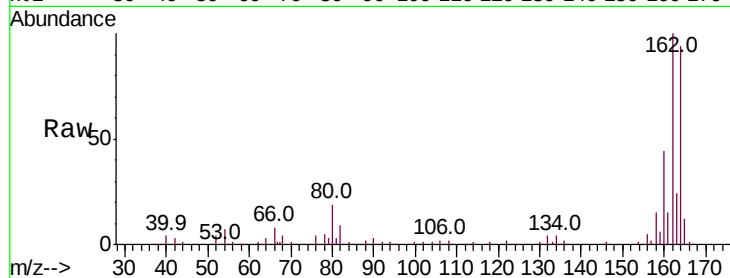
Tot Ion:164 Resp: 92843

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

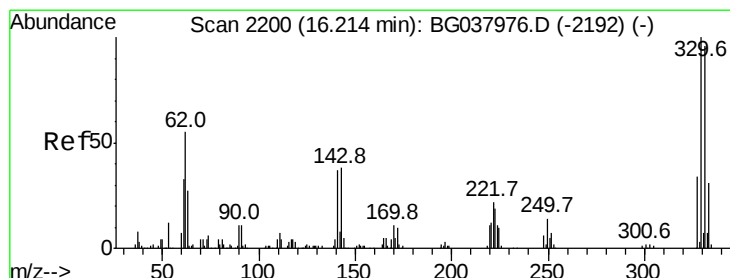
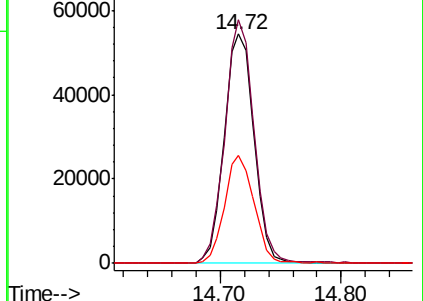
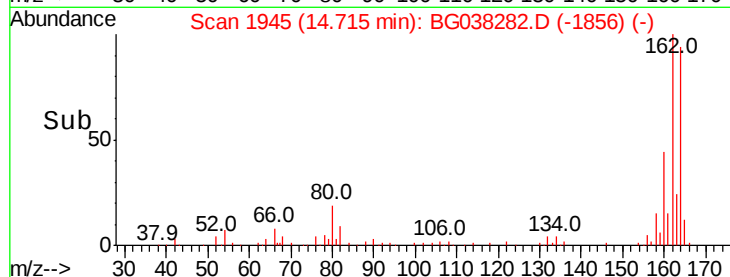
160 47.2 36.3 54.5



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: 62.810 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

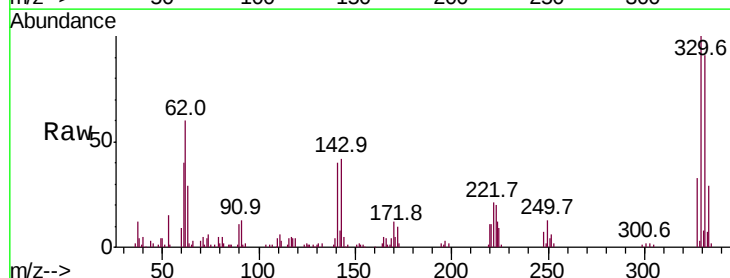
Tgt Ion:330 Resp: 66506

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

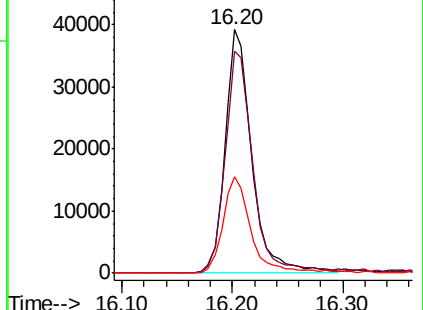
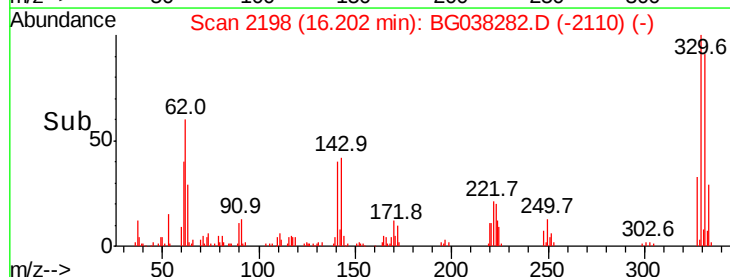
141 40.3 32.2 48.2



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

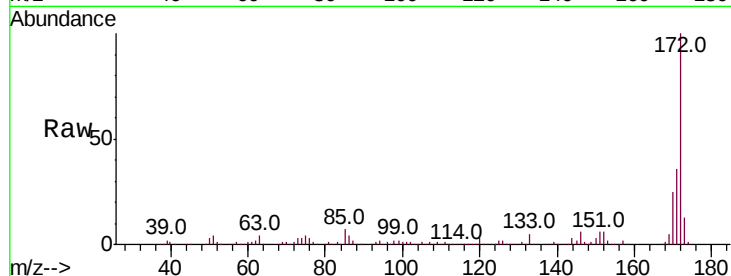




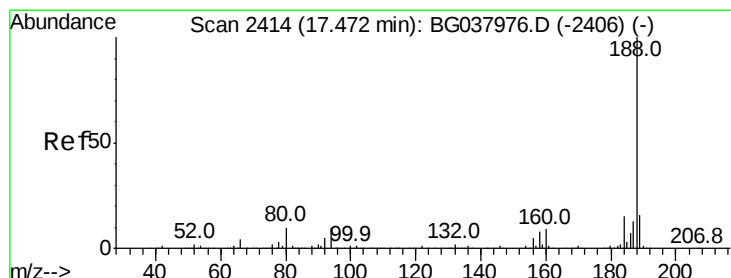
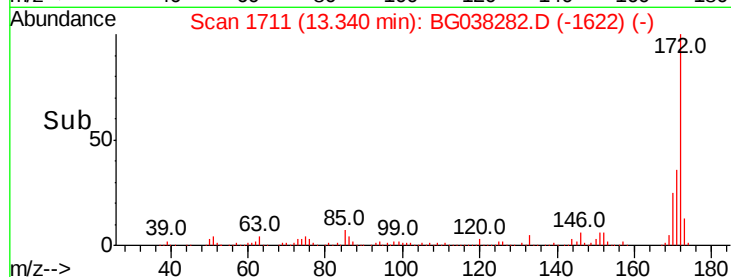
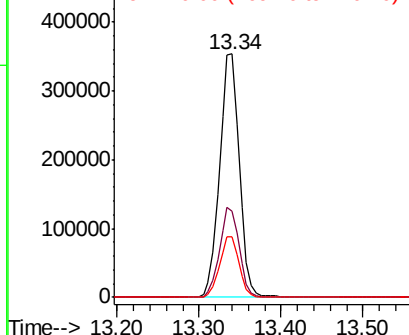
#45
 2-Fluorobiphenyl
 Concen: 93.331 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	31.0	46.4
170	24.7	20.2	30.2

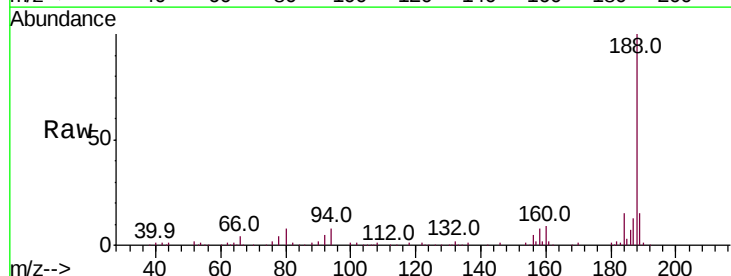


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

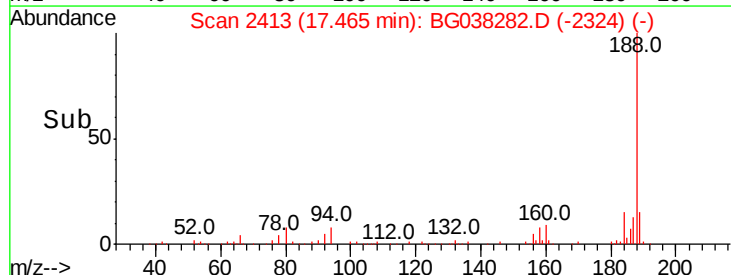
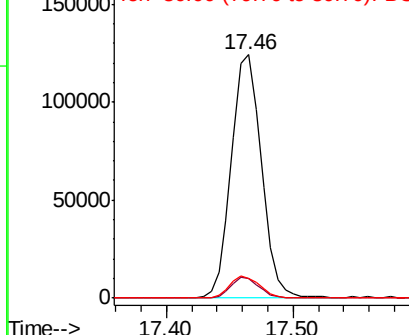


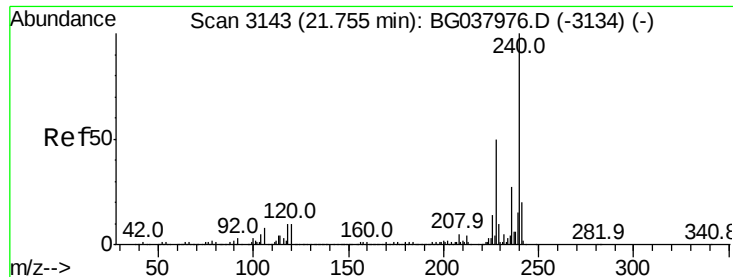
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.2	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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

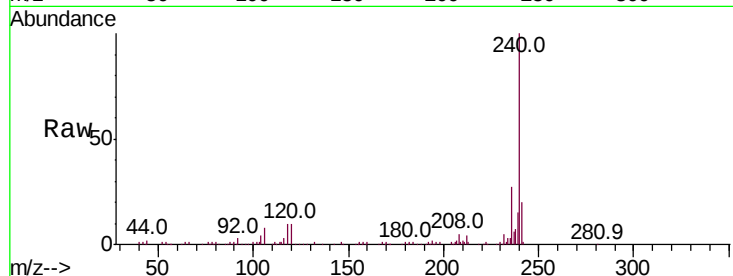
Tot Ion:240 Resp: 191074

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

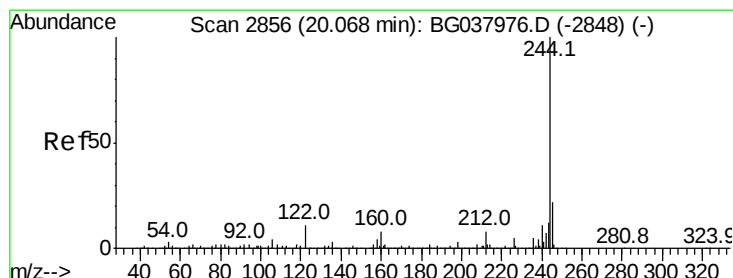
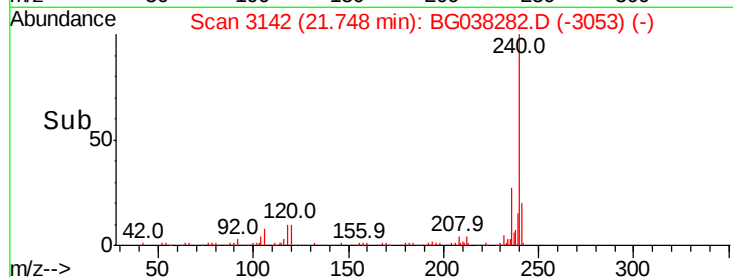
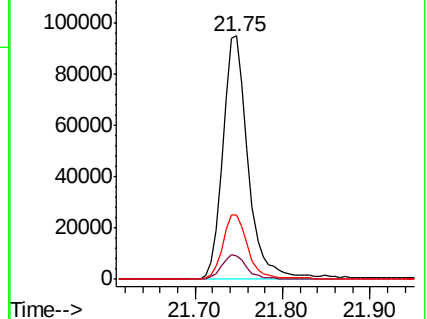
236 26.6 21.4 32.0



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: 105.341 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

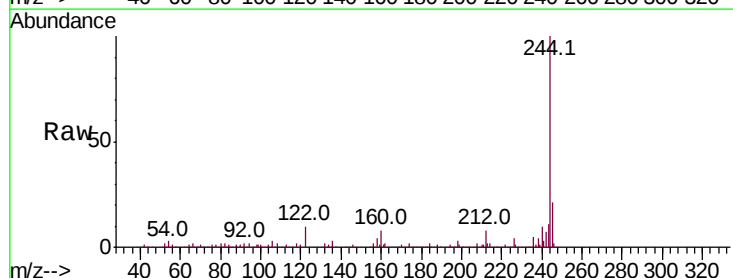
Tgt Ion:244 Resp: 855416

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

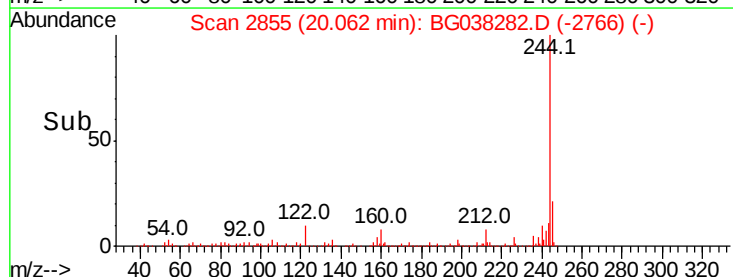
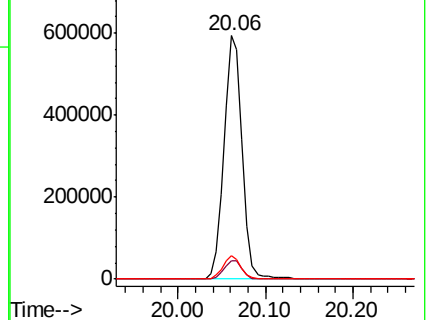
122 9.5 9.0 13.4

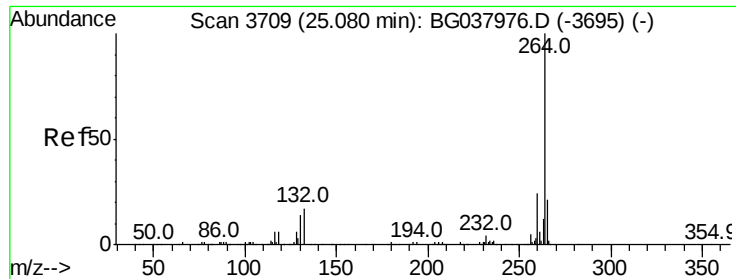


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3707
Delta R.T. -0.01 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.7	17.9	26.9

