

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038322.D
 Acq On : 4 Dec 2018 5:32
 Operator : JU/SJ
 Sample : J5764-26
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-C

Quant Time: Dec 04 06:41:06 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	8.07	152	11014	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	54887	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	43346	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	153948	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	172556	20.00	ng	-0.01
87) Perylene-d12	25.06	264	176569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	74719	117.13	ng	0.00
7) Phenol-d6	7.22	99	100133	109.97	ng	-0.01
23) Nitrobenzene-d5	9.25	82	106056	103.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	88869	179.77	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	217173	72.99	ng	-0.02
79) Terphenyl-d14	20.06	244	868165	118.38	ng	0.00

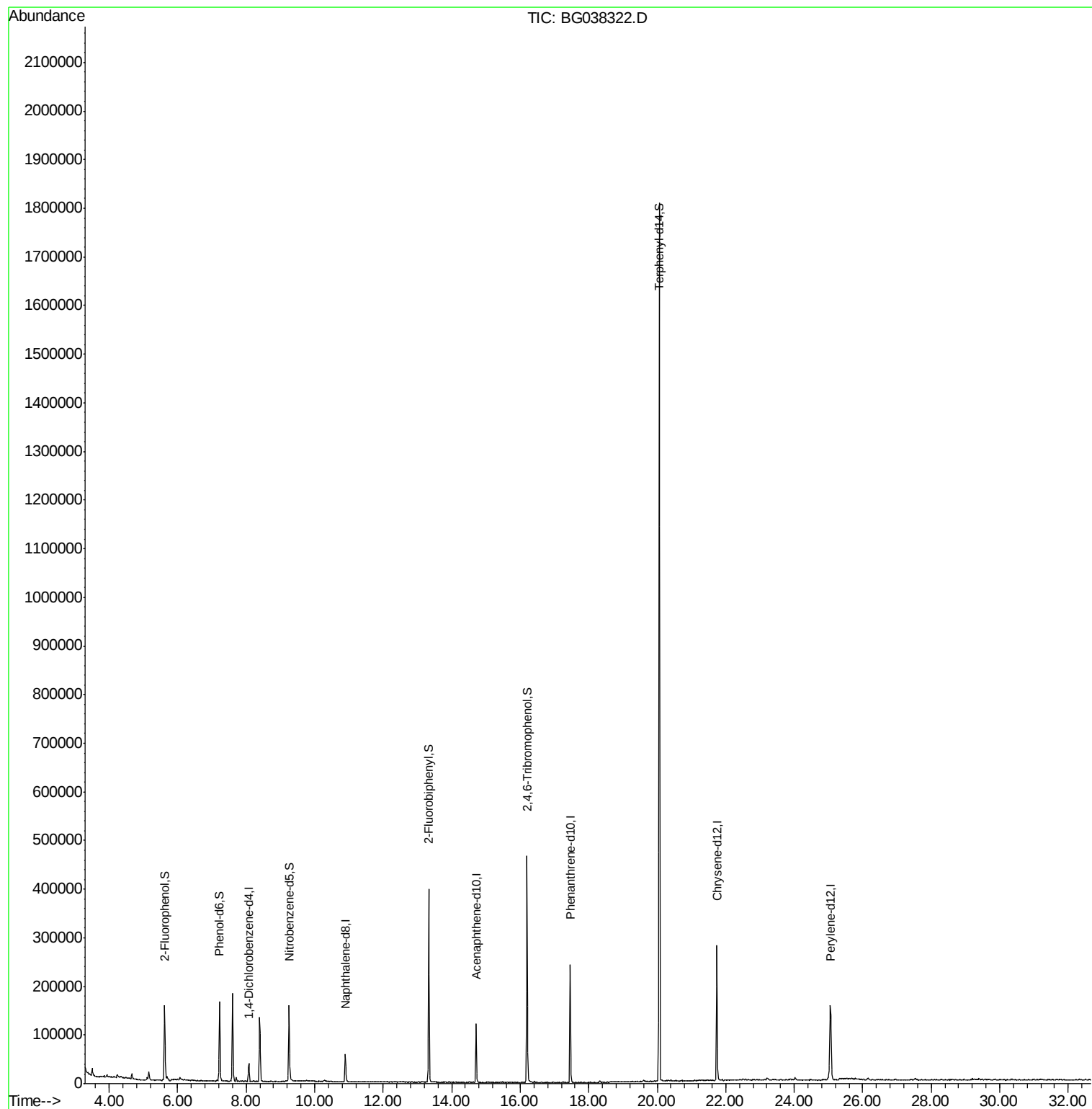
Target Compounds Qvalue

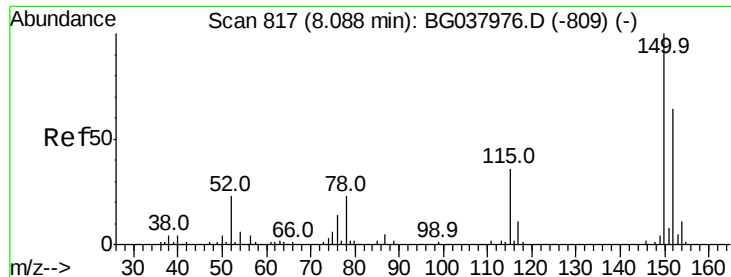
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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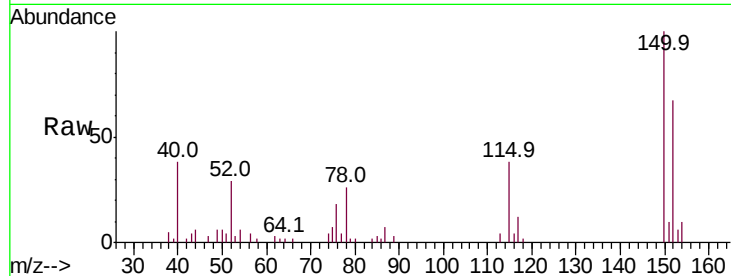


#1

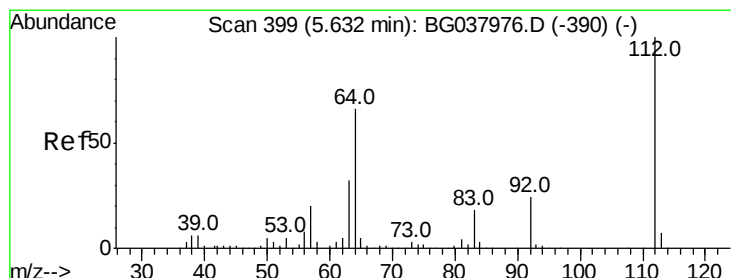
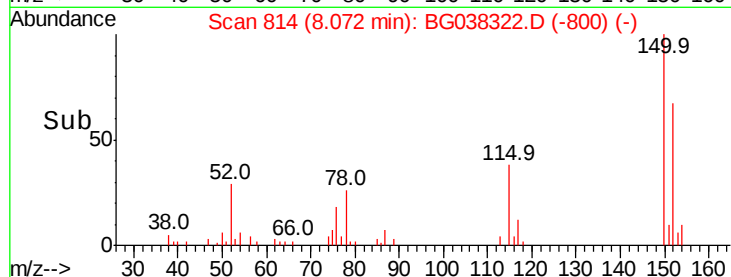
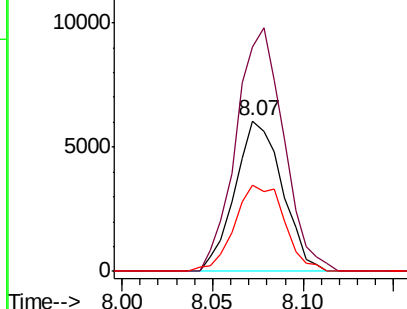
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BG038322.D
 Acq: 4 Dec 2018 5:32

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-C

Tot Ion:152 Resp: 11014
 Ion Ratio Lower Upper
 152 100
 150 148.8 126.0 189.0
 115 57.0 45.5 68.3



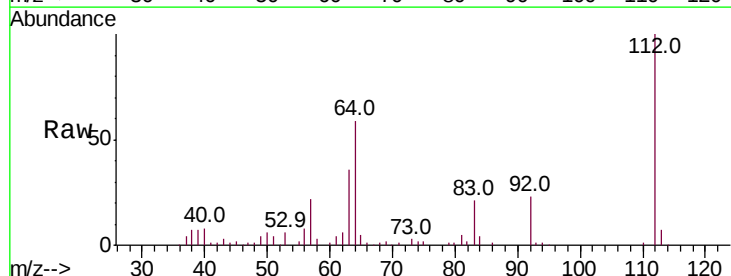
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



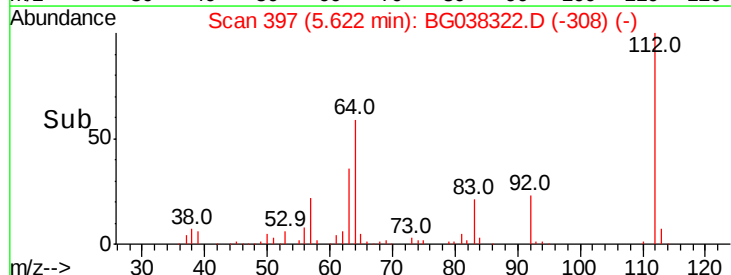
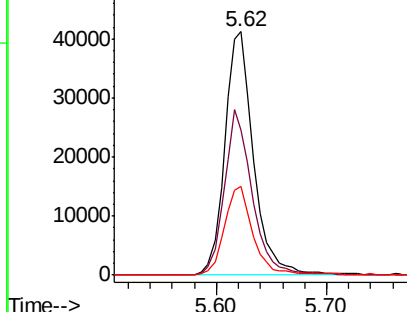
#5

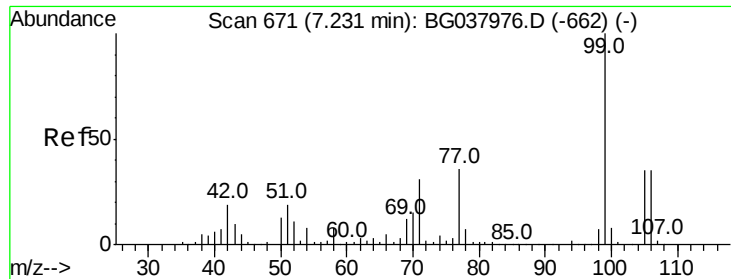
2-Fluorophenol
 Concen: 117.130 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038322.D
 Acq: 4 Dec 2018 5:32

Tgt Ion:112 Resp: 74719
 Ion Ratio Lower Upper
 112 100
 64 59.3 53.1 79.7
 63 36.2 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: 109.966 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

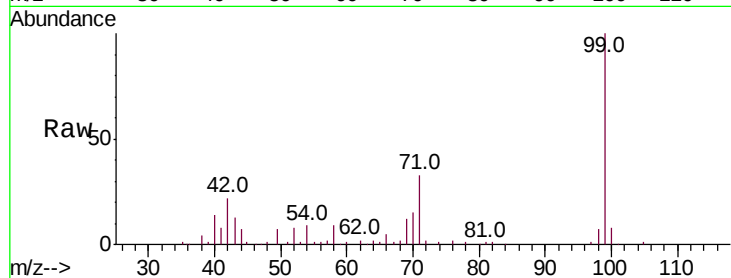
Tot Ion: 99 Resp: 100133

Ion Ratio Lower Upper

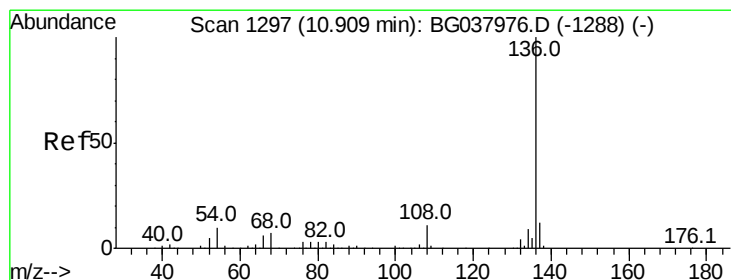
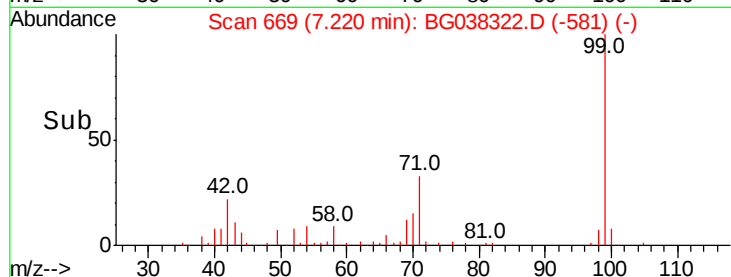
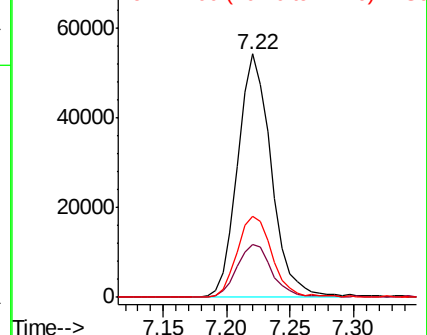
99 100

42 21.8 15.0 22.4

71 33.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

Tgt Ion: 136 Resp: 54887

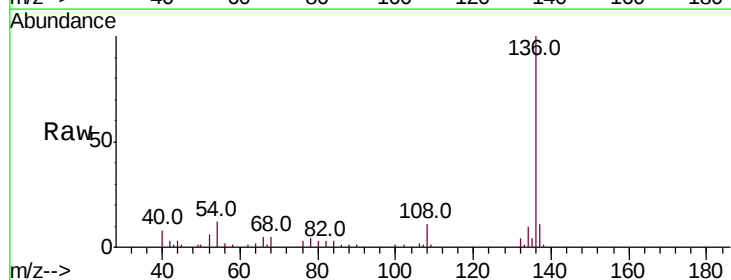
Ion Ratio Lower Upper

136 100

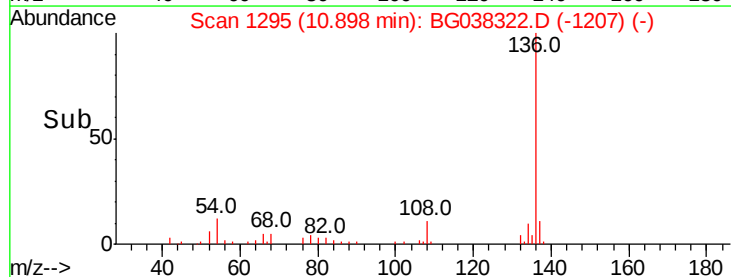
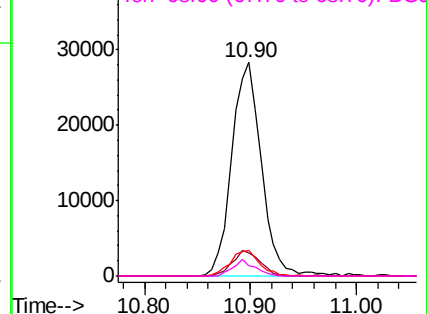
137 10.8 9.6 14.4

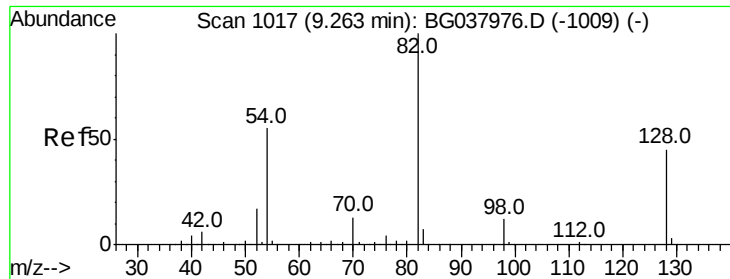
54 11.9 7.9 11.9#

68 4.9 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

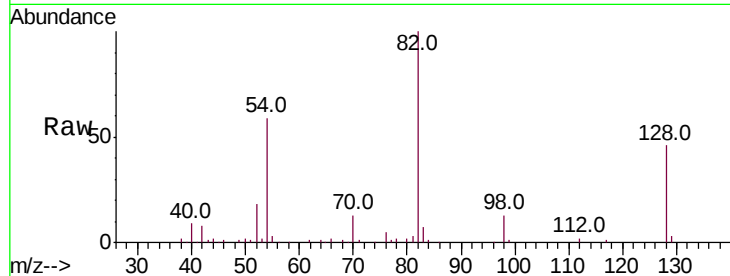




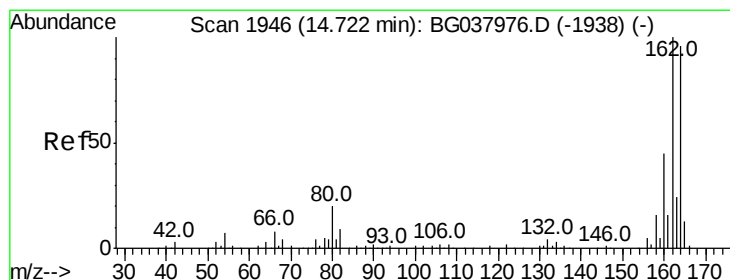
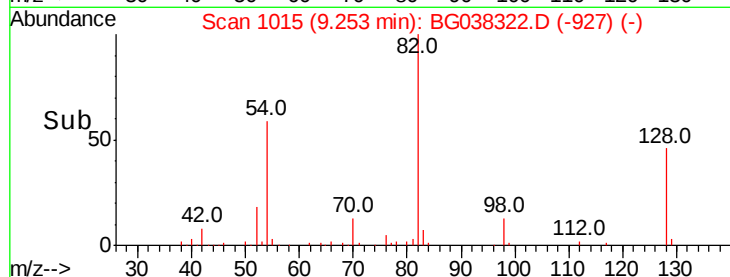
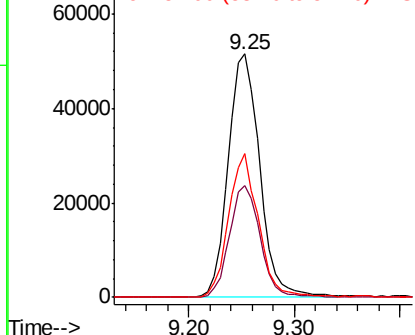
#23
Nitrobenzene-d5
Concen: 103.435 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038322.D
Acq: 4 Dec 2018 5:32

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-C

Tot Ion: 82 Resp: 106056
Ion Ratio Lower Upper
82 100
128 45.8 34.6 51.8
54 59.0 45.3 67.9

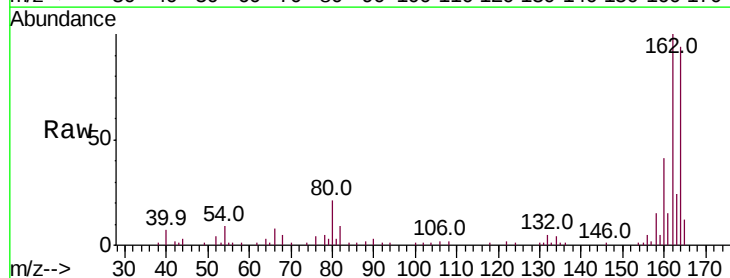


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

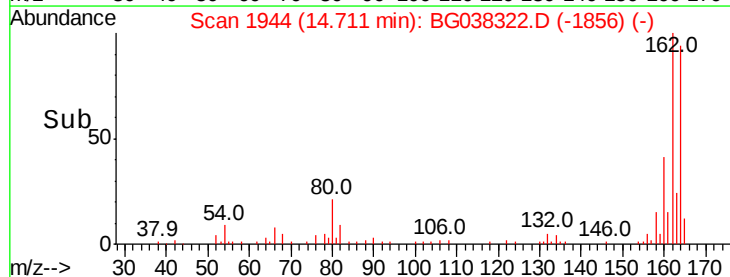
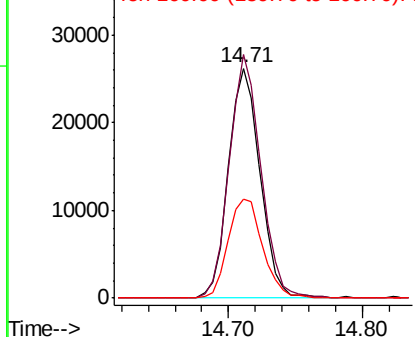


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038322.D
Acq: 4 Dec 2018 5:32

Tgt Ion: 164 Resp: 43346
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 43.2 36.3 54.5



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

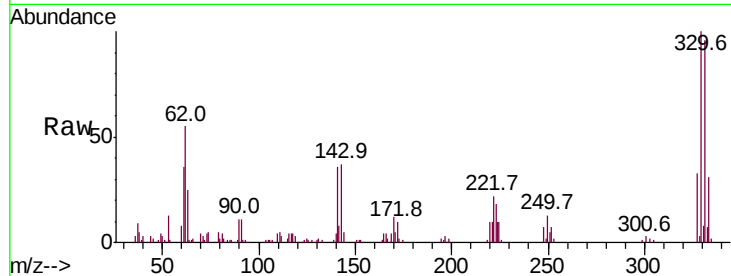




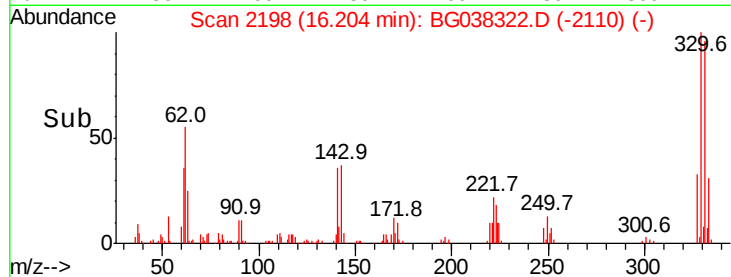
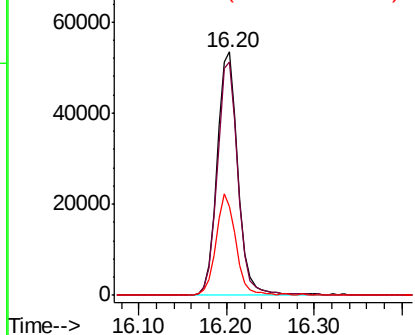
#42
 2,4,6-Tribromophenol
 Concen: 179.769 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038322.D
 Acq: 4 Dec 2018 5:32

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.7	32.2	48.2

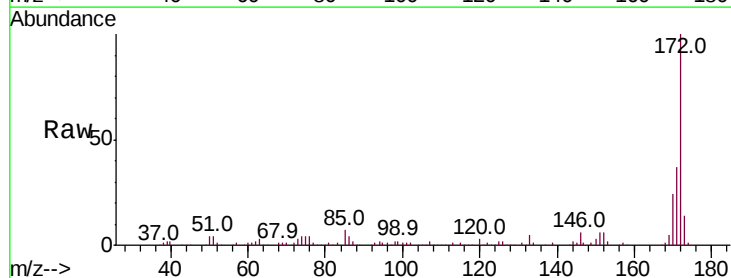


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

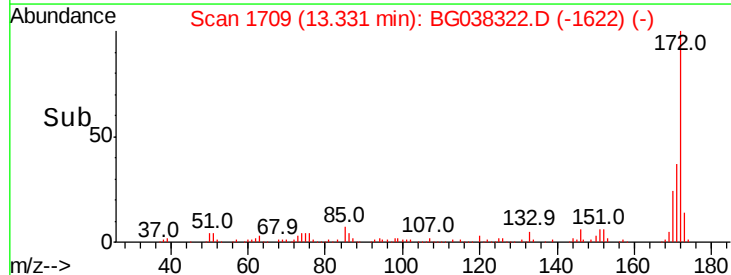
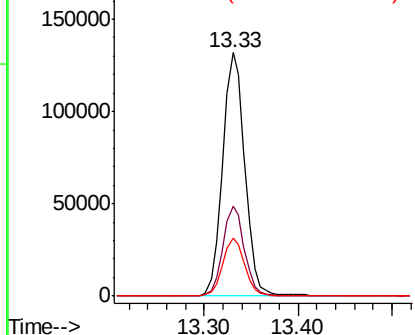


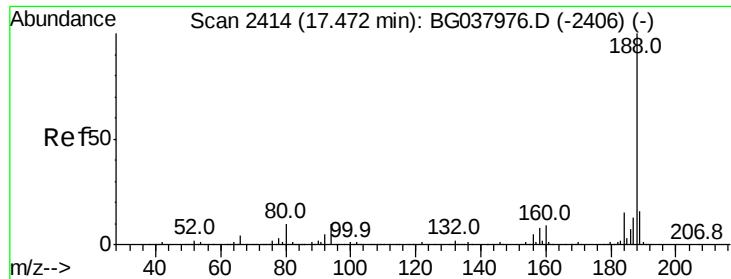
#45
 2-Fluorobiphenyl
 Concen: 72.991 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038322.D
 Acq: 4 Dec 2018 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	23.6	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# 2412

Delta R.T. -0.01 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

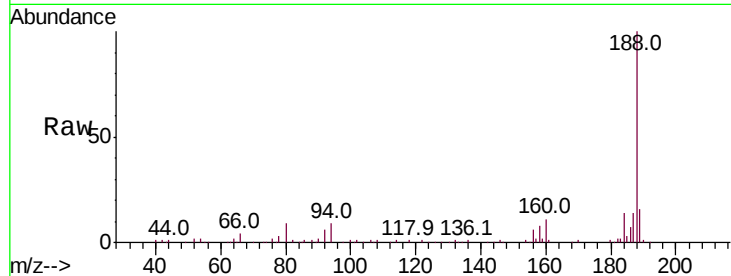
Tot Ion:188 Resp: 153948

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

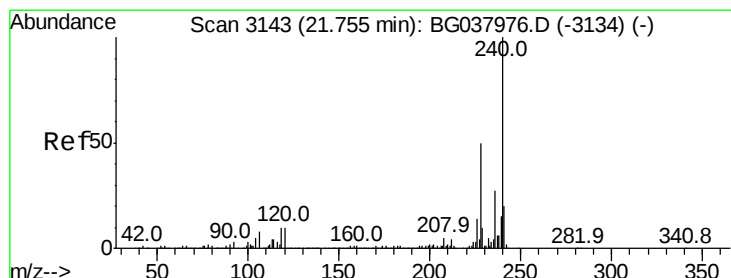
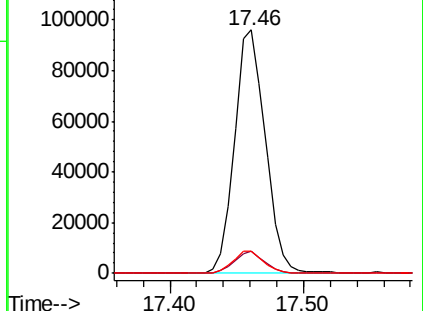
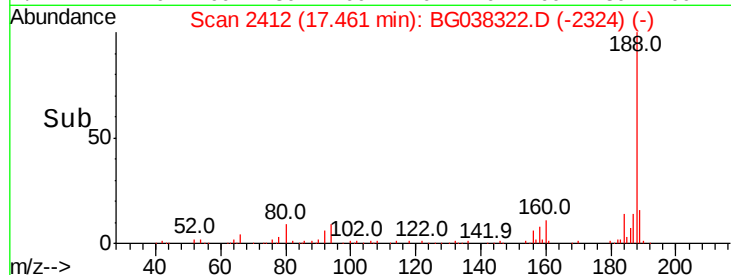
80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

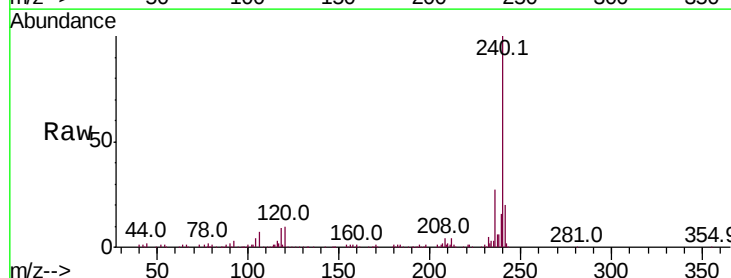
Tgt Ion:240 Resp: 172556

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

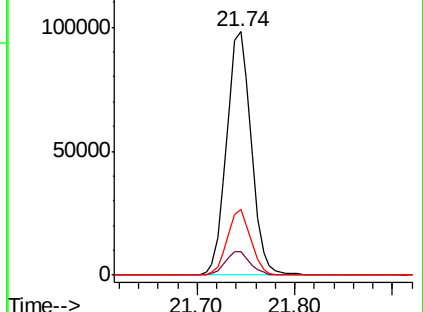
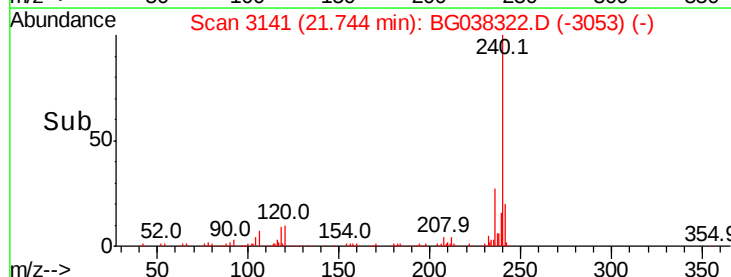
236 27.1 21.4 32.0



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: 118.385 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

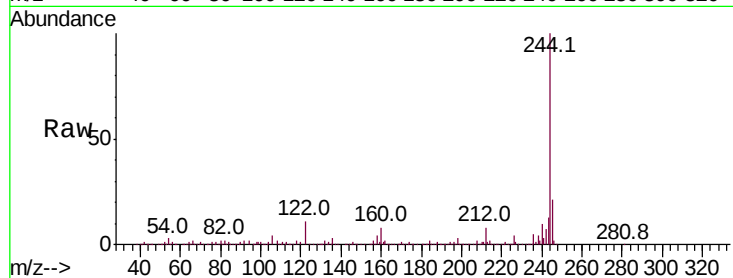
Tot Ion:244 Resp: 868165

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

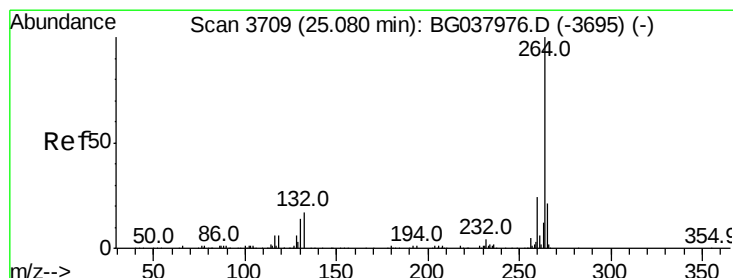
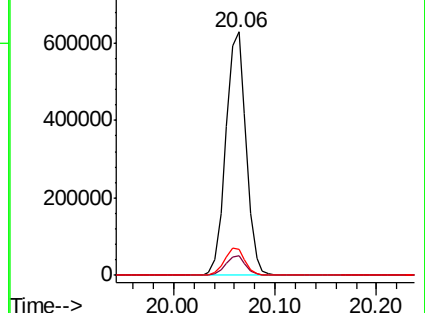
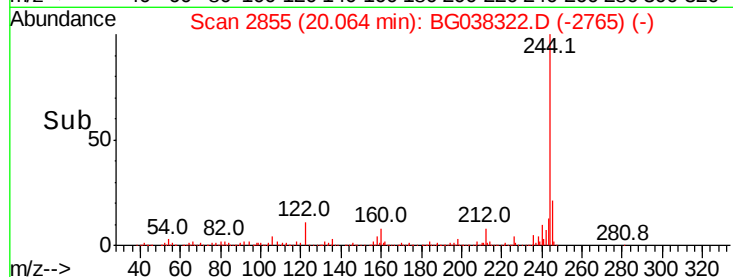
122 10.8 9.0 13.4



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038322.D

Acq: 4 Dec 2018 5:32

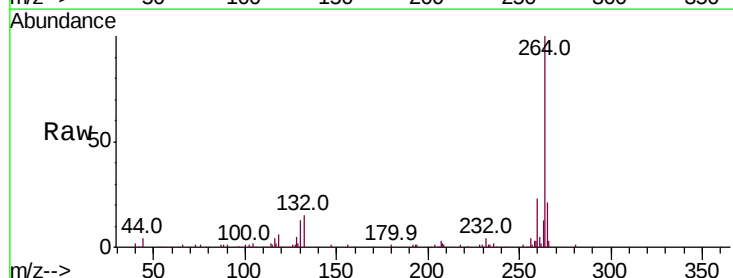
Tgt Ion:264 Resp: 176569

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.3 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

