

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038360.D
 Acq On : 5 Dec 2018 14:59
 Operator : JU/SJ
 Sample : J5764-26
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Dec 05 15:40:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	33971	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	109465	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	72364	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	189440	20.00	ng	0.00
76) Chrysene-d12	21.73	240	192156	20.00	ng	-0.01
87) Perylene-d12	25.05	264	199025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	197284	102.77	ng	0.00
7) Phenol-d6	7.22	99	212827	76.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	166477	75.51	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	118811	133.74	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	386862	76.18	ng	0.00
79) Terphenyl-d14	20.06	244	776261	86.54	ng	0.00

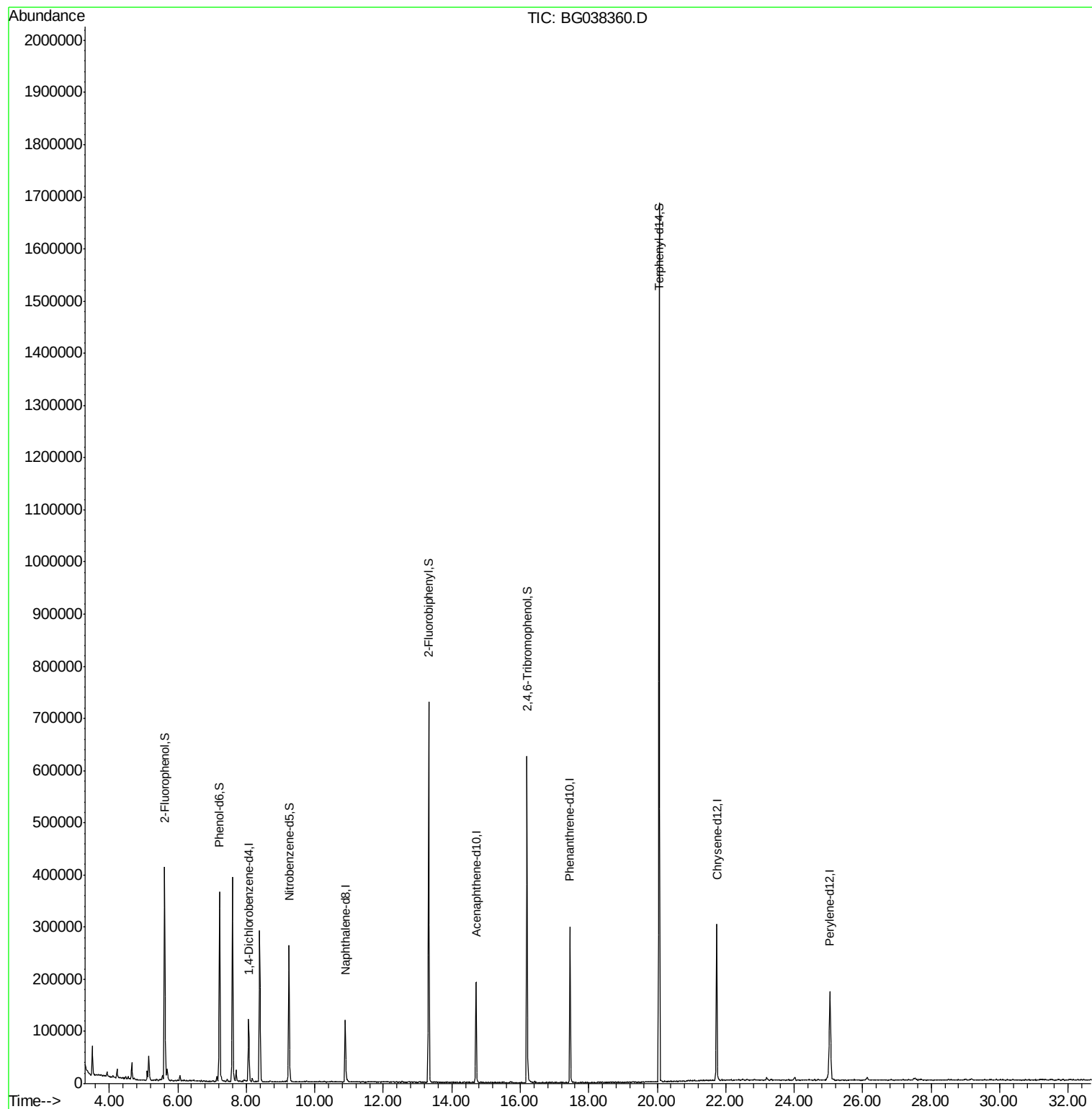
Target Compounds Qvalue

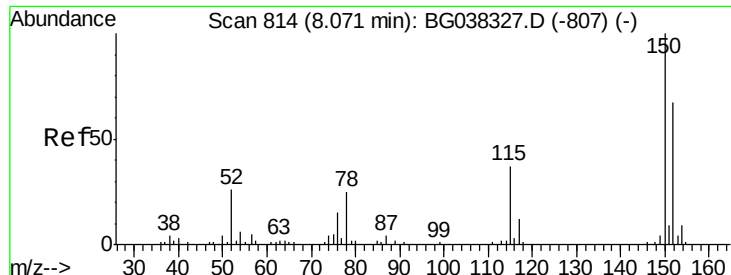
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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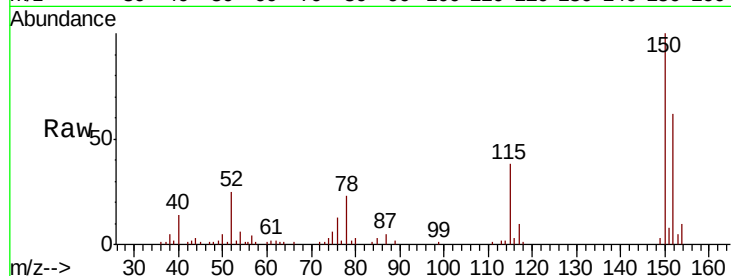


#1

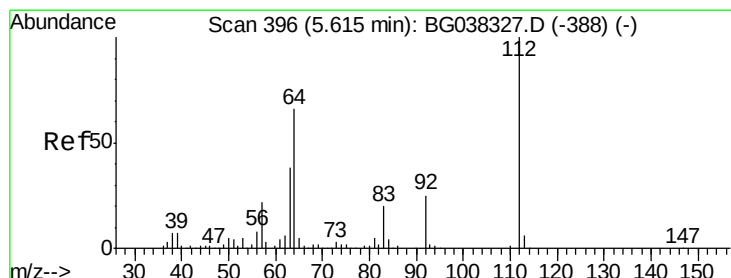
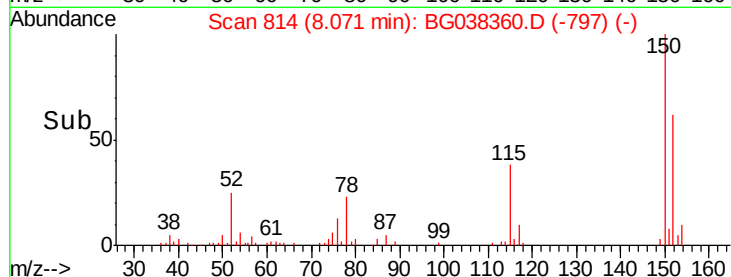
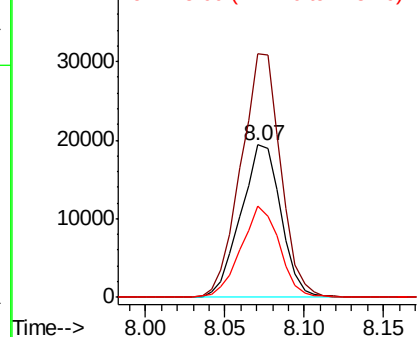
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038360.D
Acq: 5 Dec 2018 14:59

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

Tot Ion:152 Resp: 33971
Ion Ratio Lower Upper
152 100
150 160.1 126.0 189.0
115 60.3 45.5 68.3



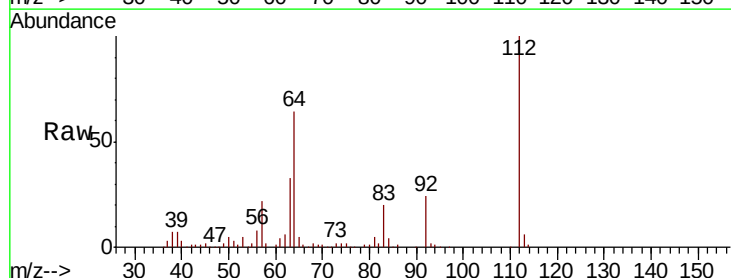
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



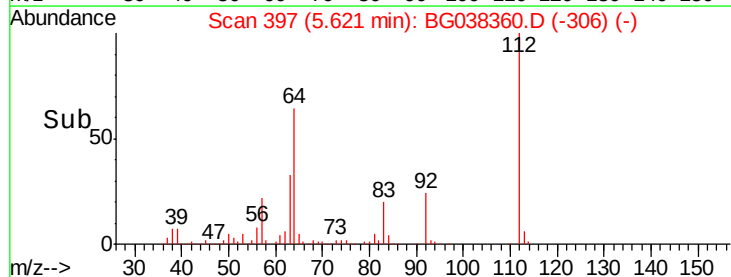
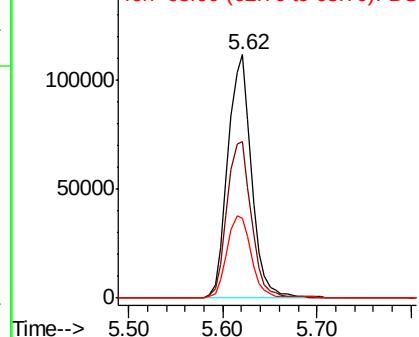
#5

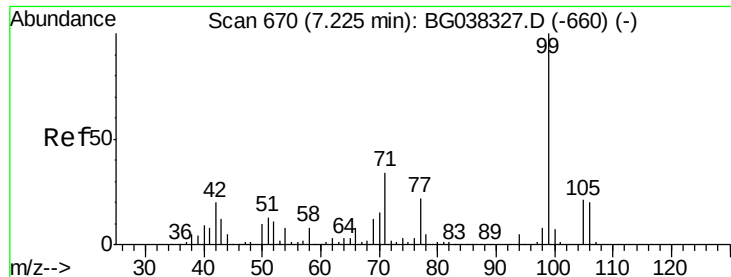
2-Fluorophenol
Concen: 102.771 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.01 min
Lab File: BG038360.D
Acq: 5 Dec 2018 14:59

Tgt Ion:112 Resp: 197284
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 76.707 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

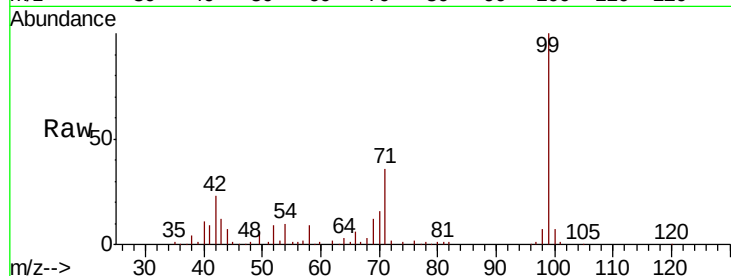
Tot Ion: 99 Resp: 212827

Ion Ratio Lower Upper

99 100

42 22.9 15.0 22.4#

71 35.9 25.5 38.3

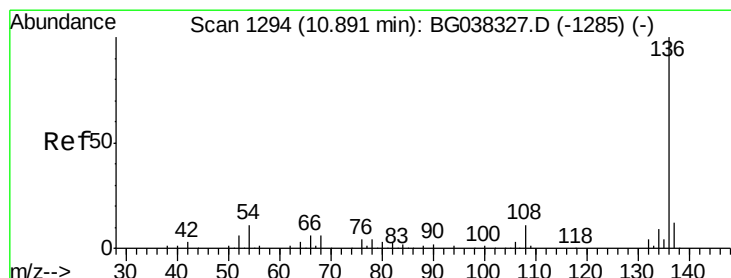
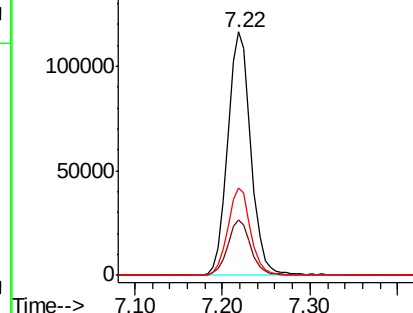
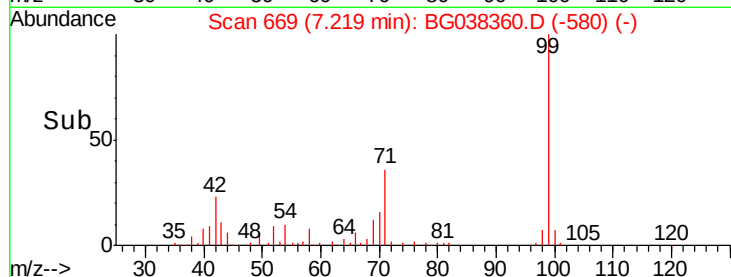


Abundance

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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

Tgt Ion: 136 Resp: 109465

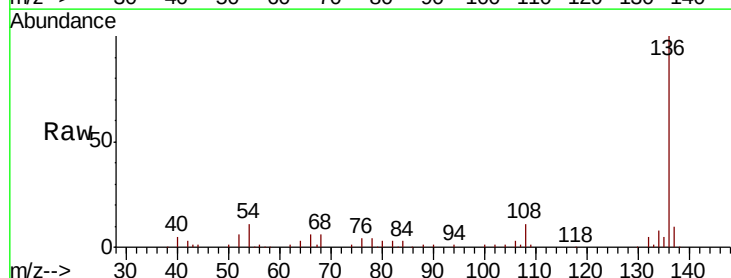
Ion Ratio Lower Upper

136 100

137 10.1 9.6 14.4

54 10.7 7.9 11.9

68 5.6 4.8 7.2



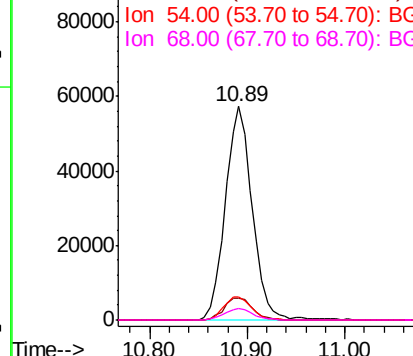
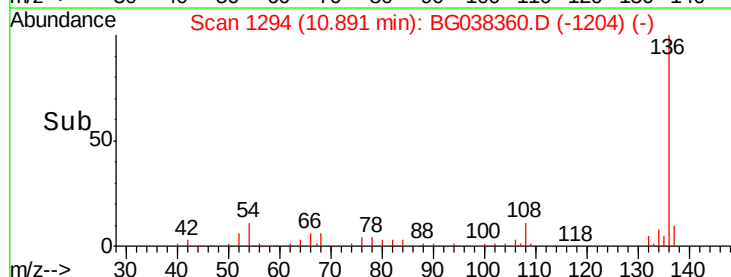
Abundance

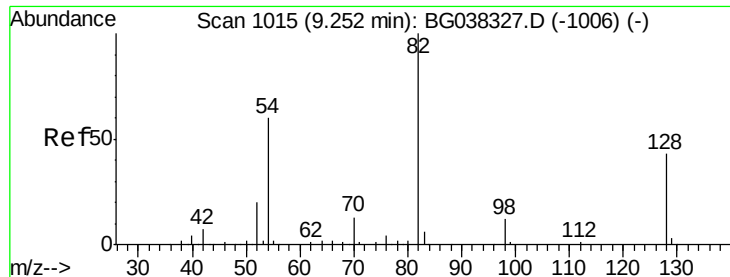
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

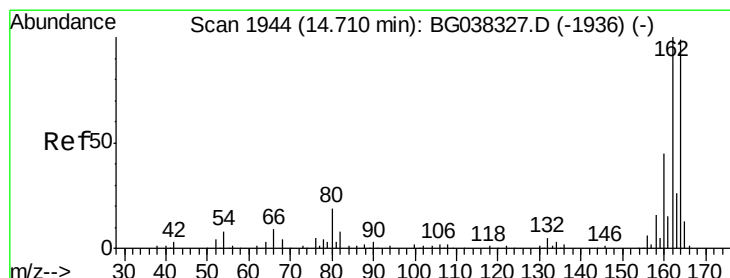
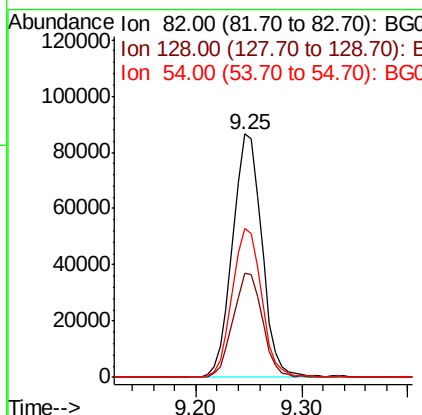
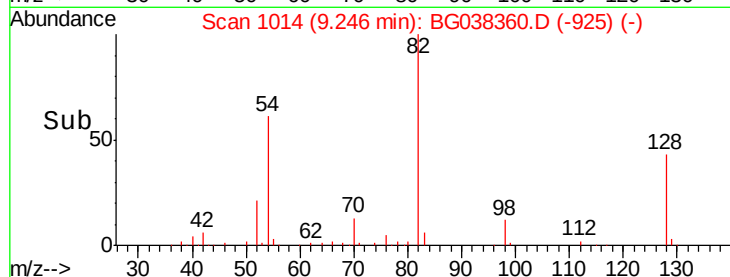
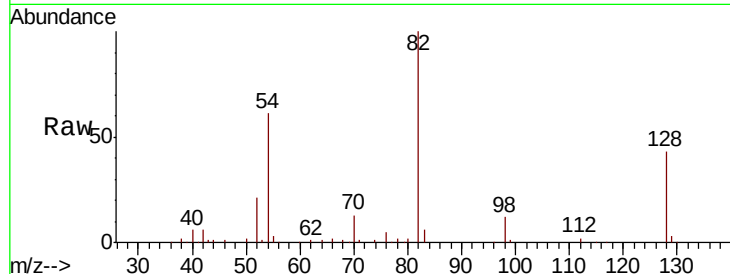




#23
Nitrobenzene-d5
Concen: 75.506 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038360.D
Acq: 5 Dec 2018 14:59

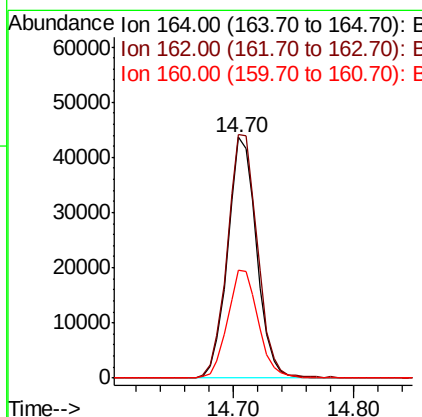
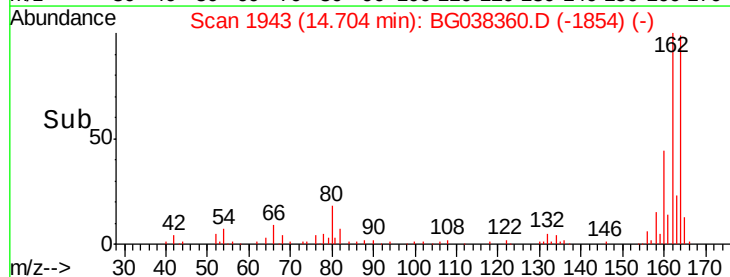
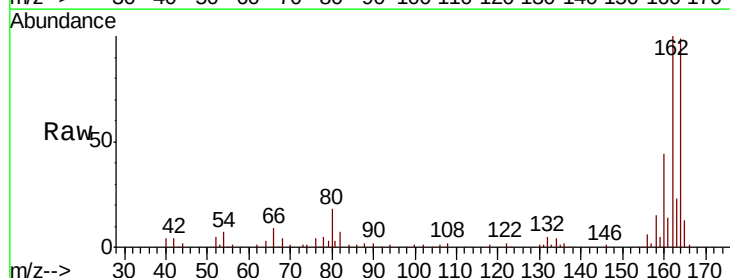
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-C

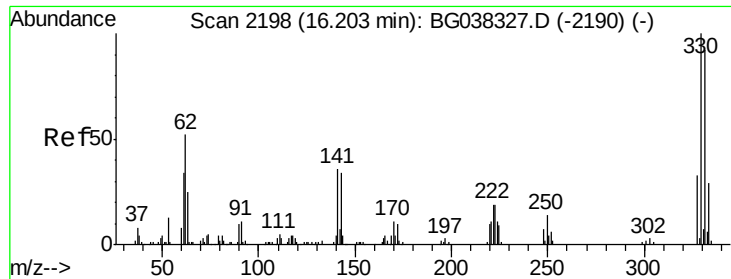
Tot Ion: 82 Resp: 166477
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 61.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038360.D
Acq: 5 Dec 2018 14:59

Tgt Ion:164 Resp: 72364
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.8 36.3 54.5

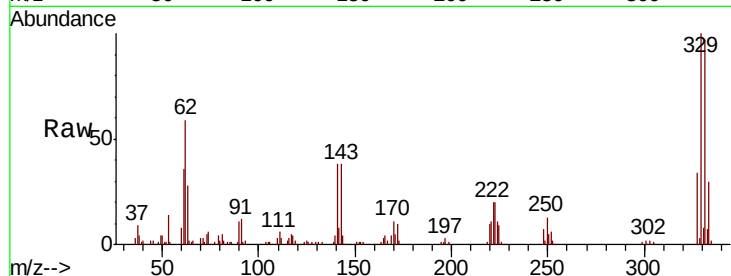




#42
 2,4,6-Tribromophenol
 Concen: 133.742 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038360.D
 Acq: 5 Dec 2018 14:59

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	38.9	32.2	48.2

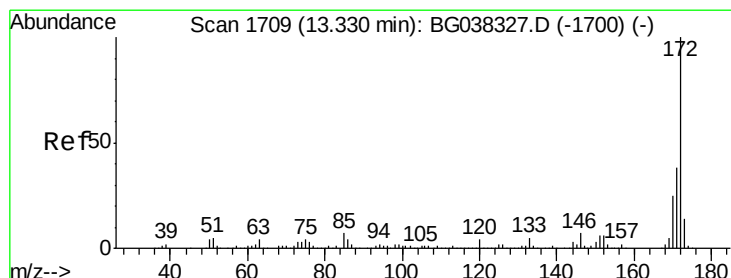
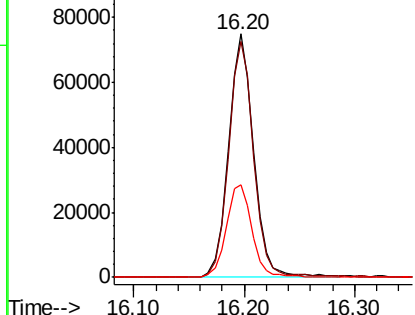
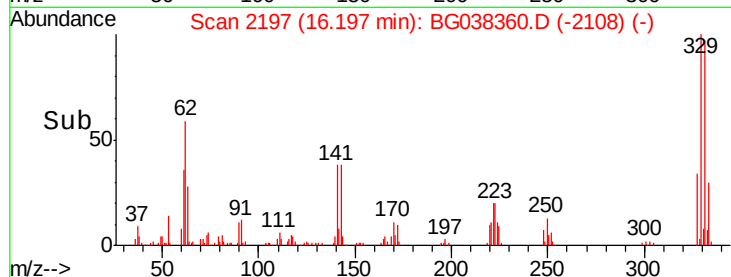


Abundance

Ion 329.80 (329.50 to 330.50): E

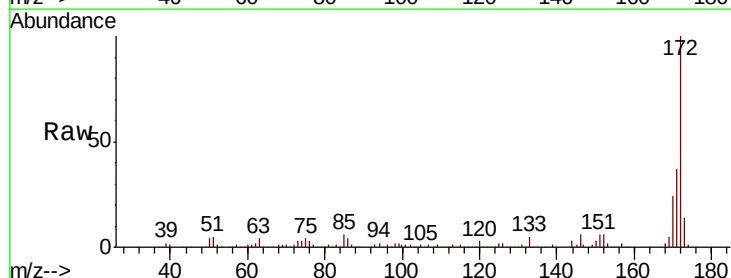
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.177 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038360.D
 Acq: 5 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.4	20.2	30.2

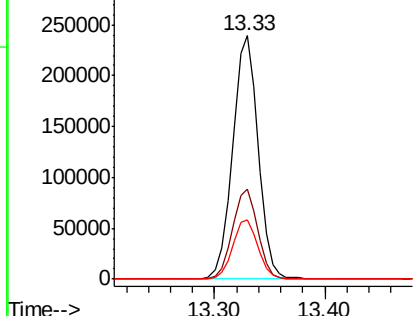
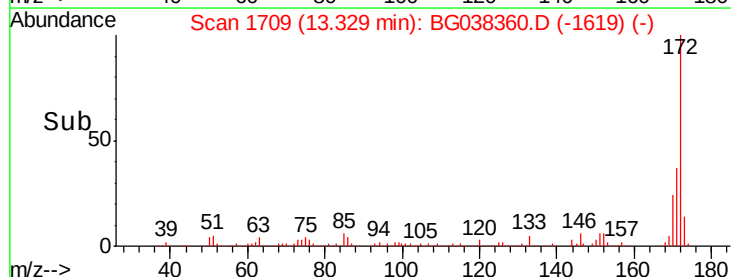


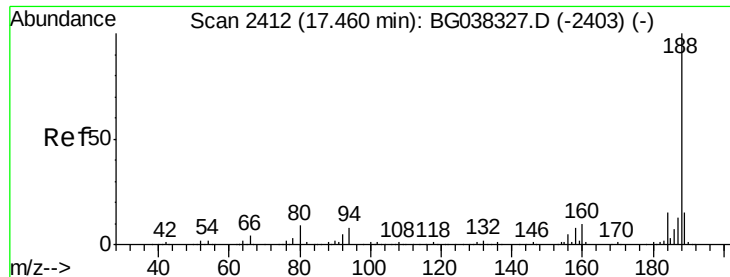
Abundance

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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

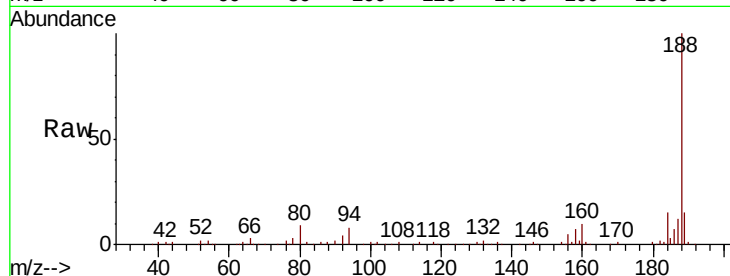
Tot Ion:188 Resp: 189440

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

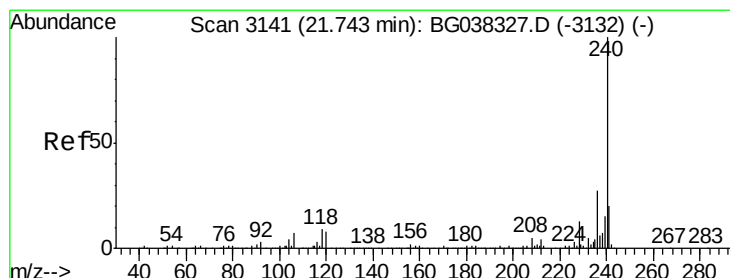
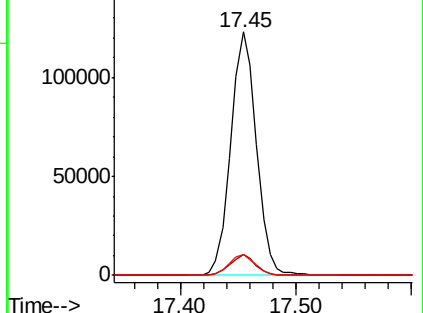
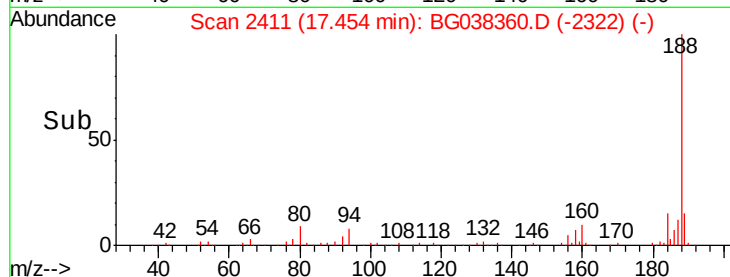
80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG038360.D (-3051) (-)

Ion 80.00 (79.70 to 80.70): BG038360.D (-3051) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

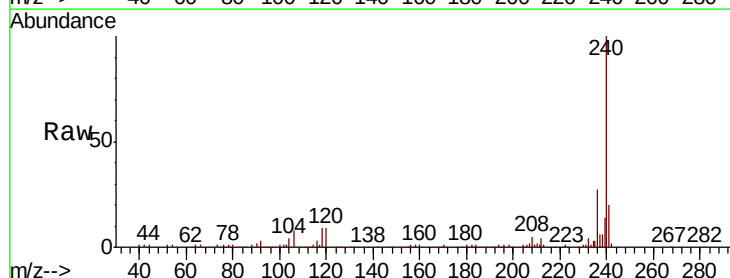
Tgt Ion:240 Resp: 192156

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

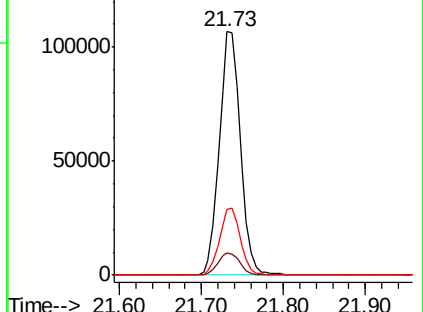
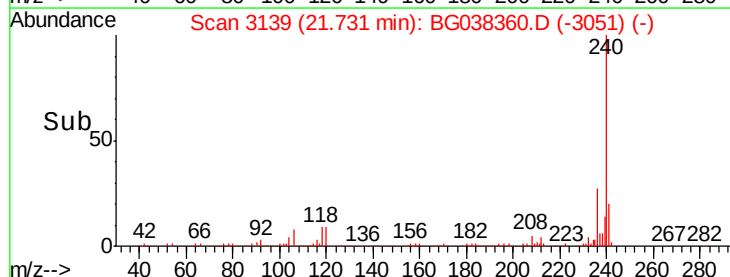
236 27.0 21.4 32.0

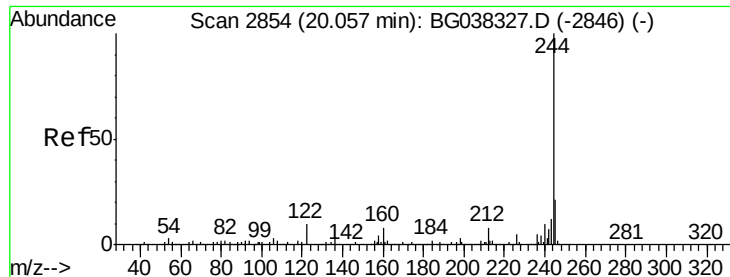


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.542 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-C

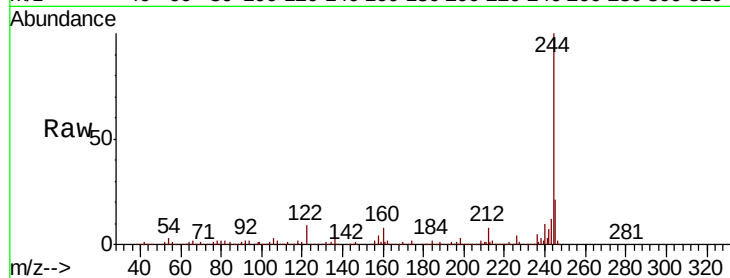
Tot Ion:244 Resp: 776261

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 8.9 9.0 13.4#

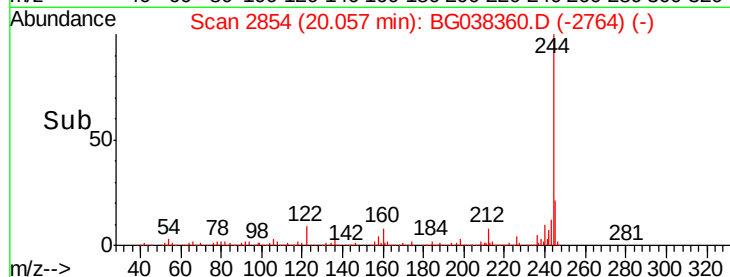


Abundance Ion 244.00 (243.70 to 244.70): E

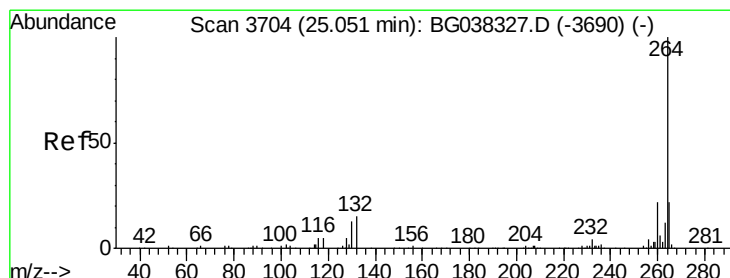
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038360.D

Acq: 5 Dec 2018 14:59

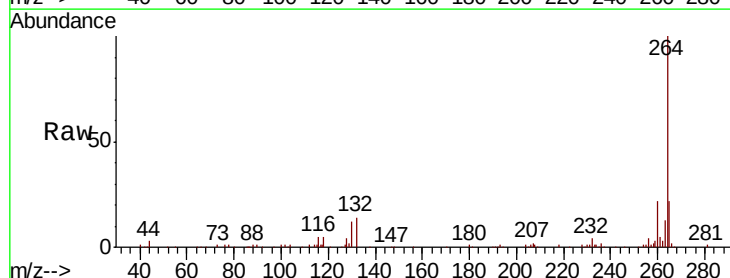
Tgt Ion:264 Resp: 199025

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 22.5 17.9 26.9

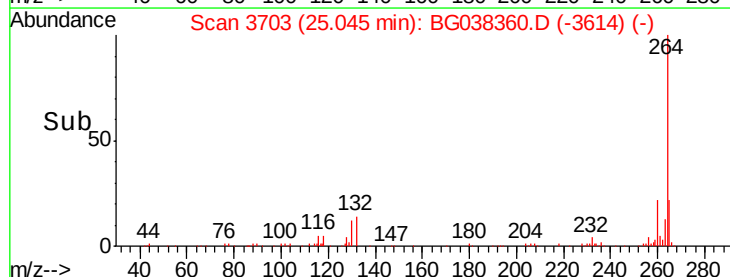


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.05



Time-->