

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036926.D
 Acq On : 24 Sep 2018 20:28
 Operator : JU/SJ
 Sample : J4770-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-C

Quant Time: Sep 25 07:20:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39526	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	169405	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113336	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	303564	20.00	ng	0.00
75) Chrysene-d12	21.68	240	324668	20.00	ng	-0.01
86) Perylene-d12	24.89	264	314661	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	268766	130.40	ng	0.00
7) Phenol-d6	7.20	99	345572	108.37	ng	-0.01
23) Nitrobenzene-d5	9.20	82	277869	87.84	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	169277	124.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	645366	84.81	ng	0.00
78) Terphenyl-d14	20.02	244	1225911	99.29	ng	0.00

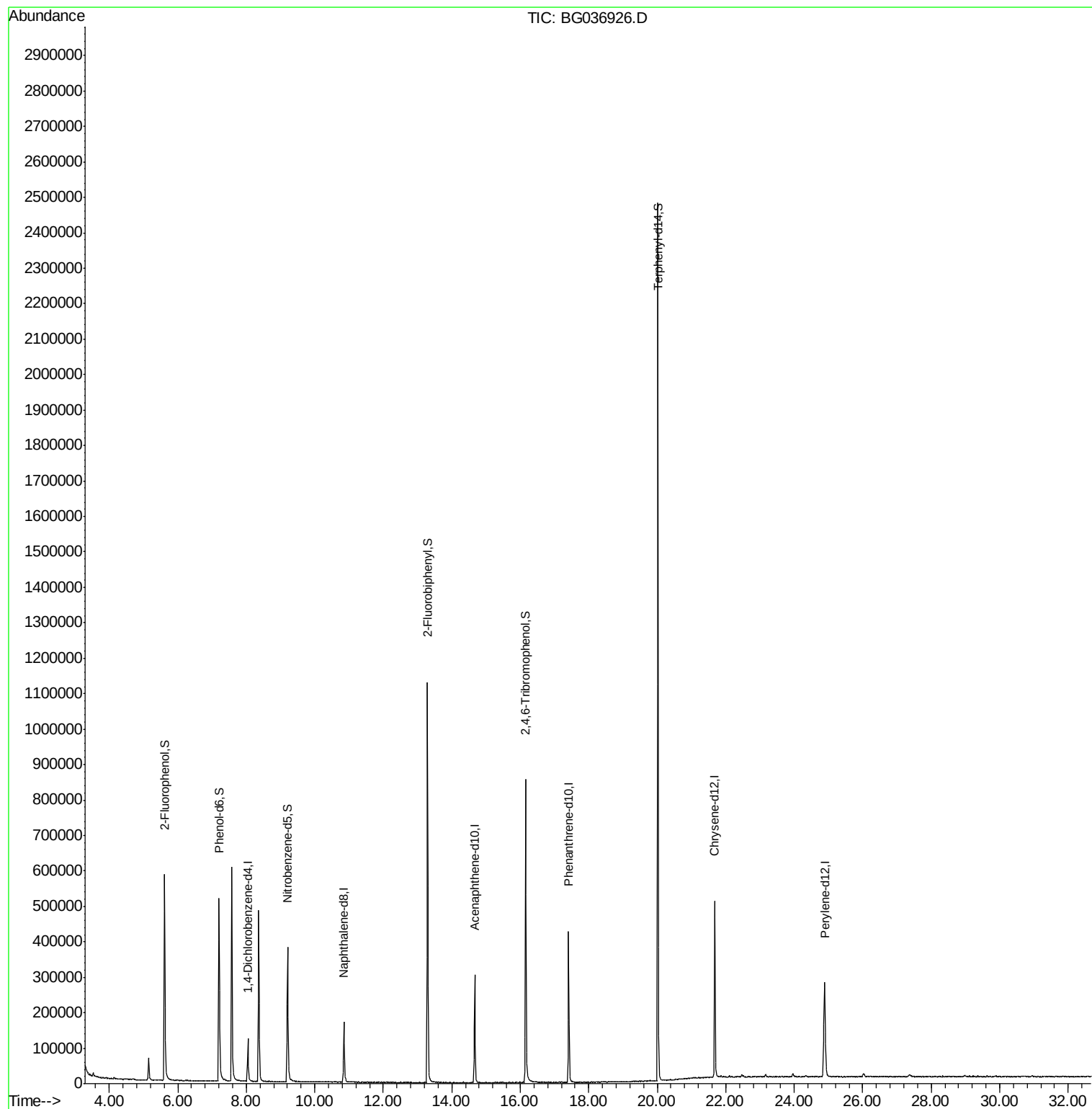
Target Compounds Qvalue

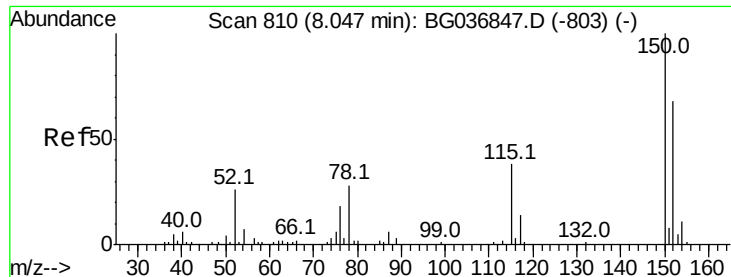
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

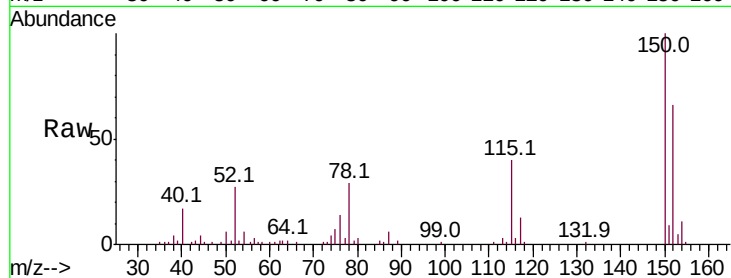
Tot Ion:152 Resp: 39526

Ion Ratio Lower Upper

152 100

150 151.6 119.5 179.3

115 59.9 44.5 66.7

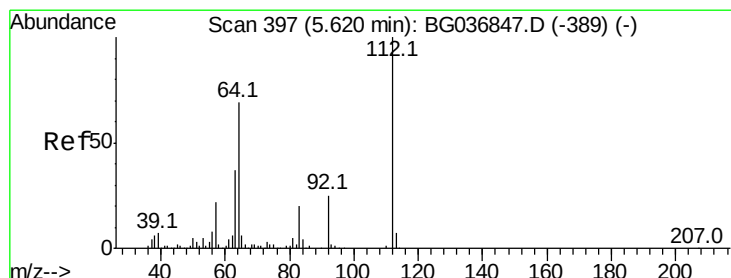
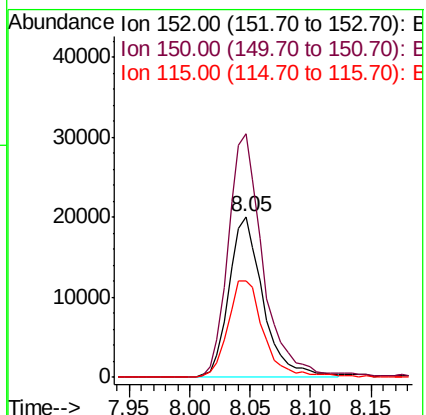
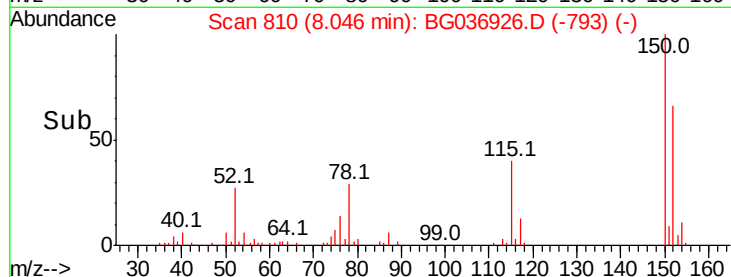


Abundance

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: 130.404 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

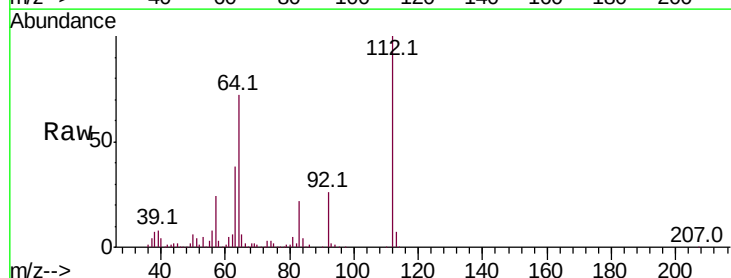
Tgt Ion:112 Resp: 268766

Ion Ratio Lower Upper

112 100

64 71.8 57.2 85.8

63 37.9 30.8 46.2

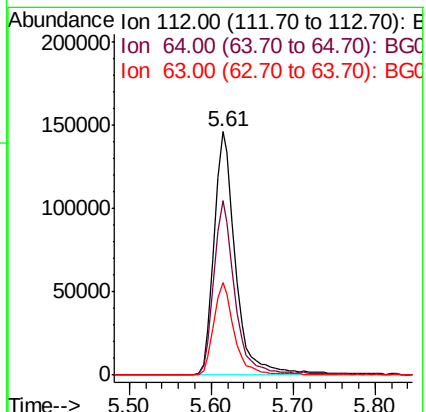
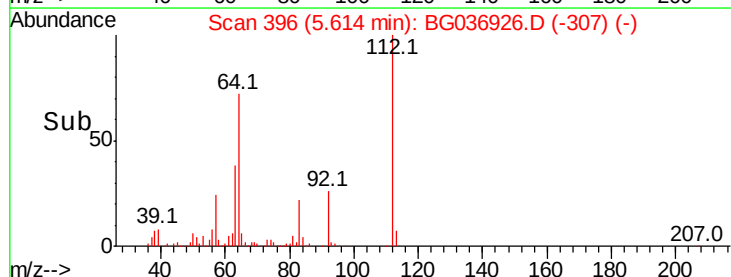


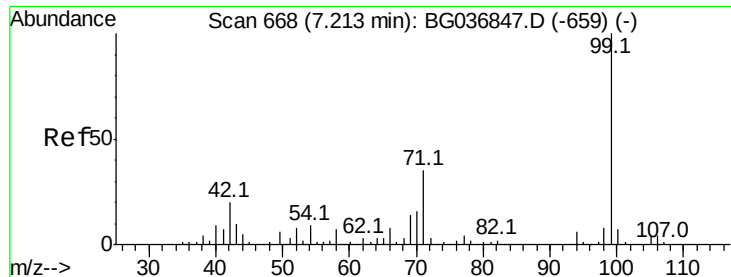
Abundance

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: 108.372 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

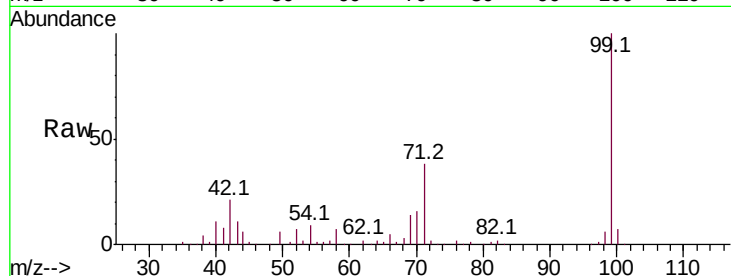
Tot Ion: 99 Resp: 345572

Ion Ratio Lower Upper

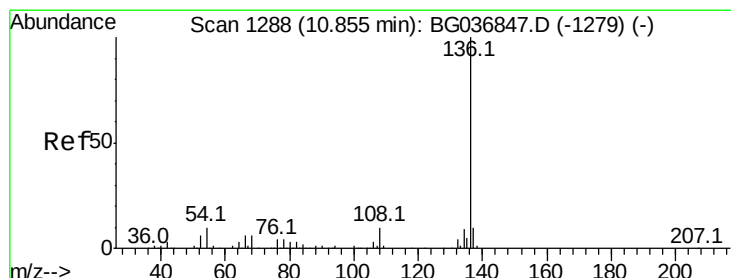
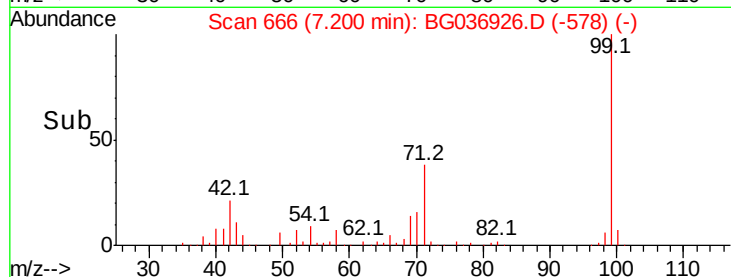
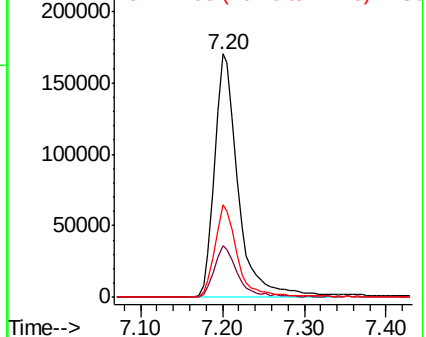
99 100

42 21.3 16.5 24.7

71 38.1 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Tgt Ion: 136 Resp: 169405

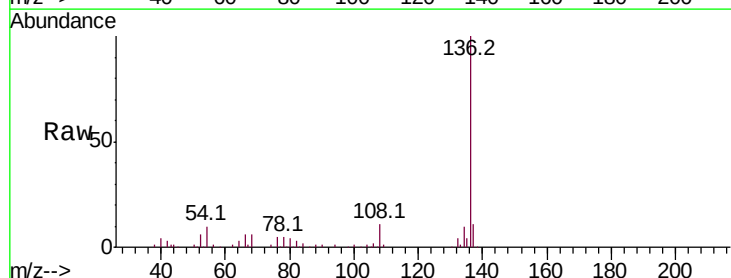
Ion Ratio Lower Upper

136 100

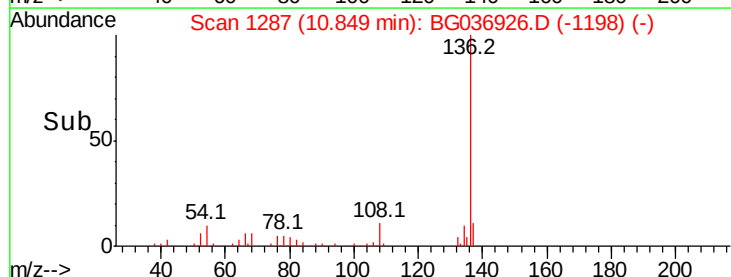
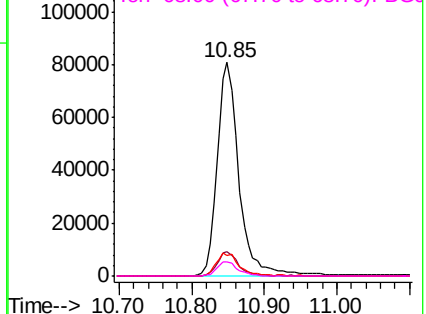
137 11.1 8.8 13.2

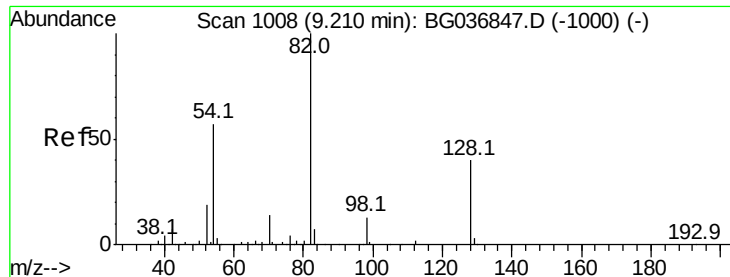
54 9.9 9.2 13.8

68 6.4 5.8 8.6



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

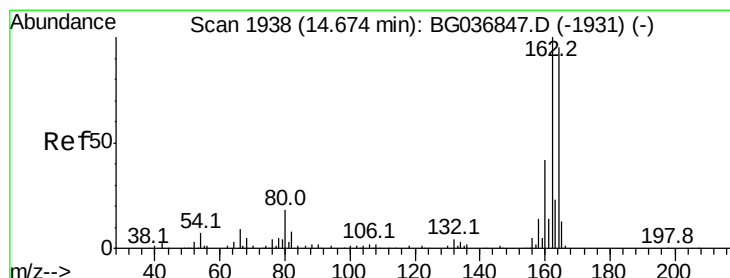
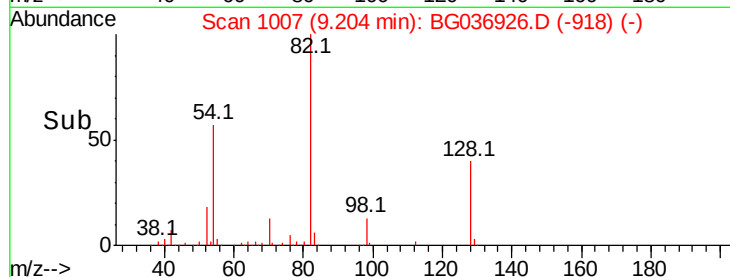
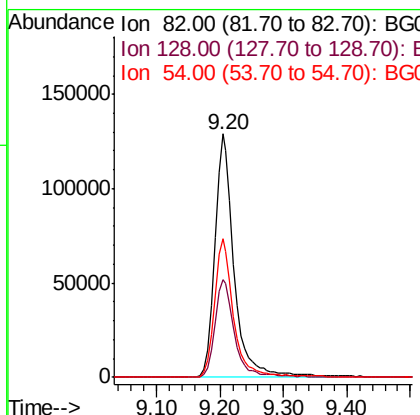
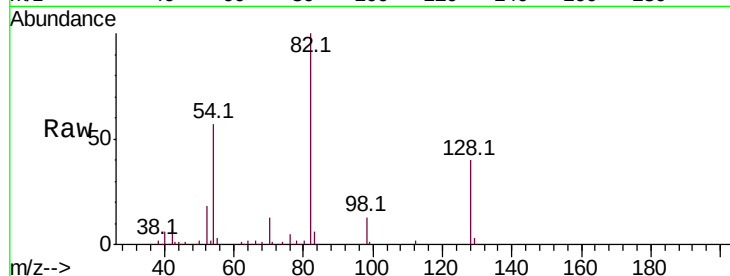




#23
 Nitrobenzene-d5
 Concen: 87.838 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

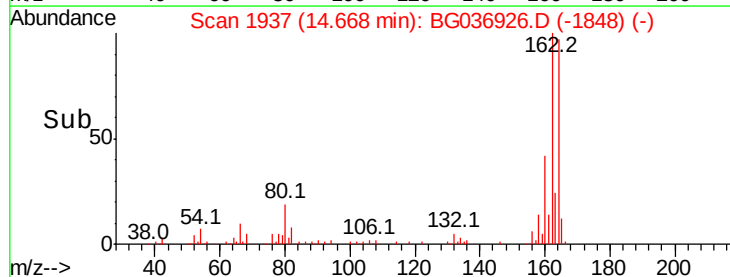
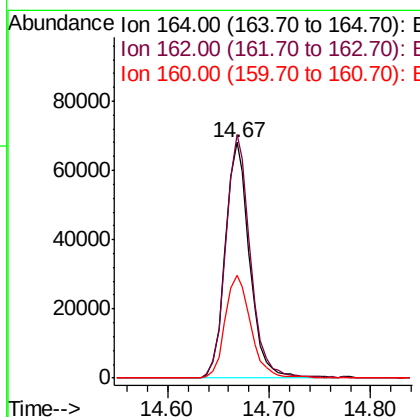
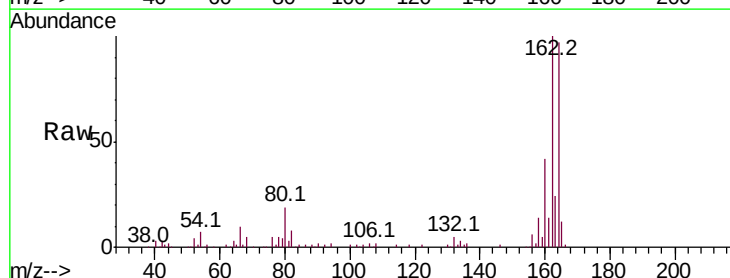
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-C

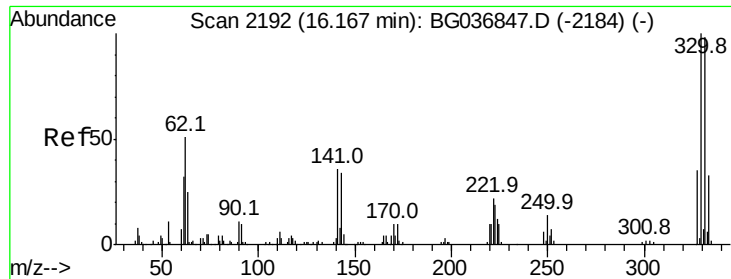
Tot Ion	82	Resp	277869
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	57.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Tgt Ion	164	Resp	113336
Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	43.5	35.3	52.9

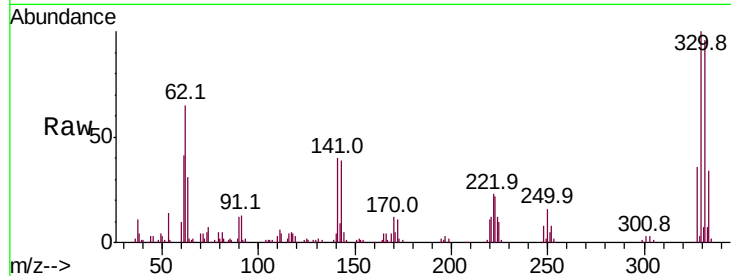




#41
 2,4,6-Tribromophenol
 Concen: 124.836 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	38.0	30.7	46.1

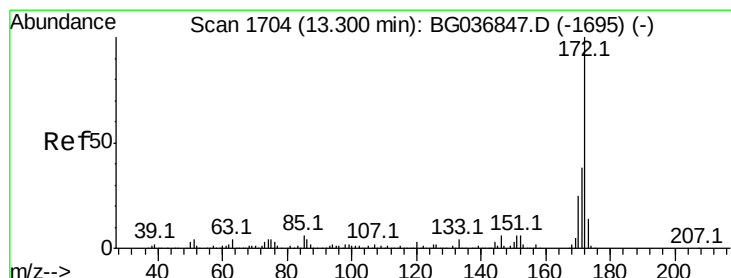
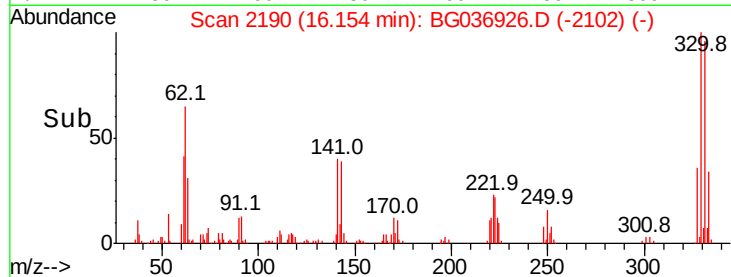
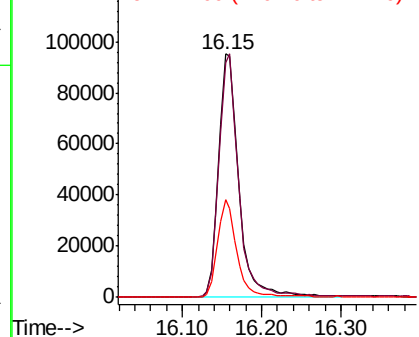


Abundance

Ion 329.80 (329.50 to 330.50): E

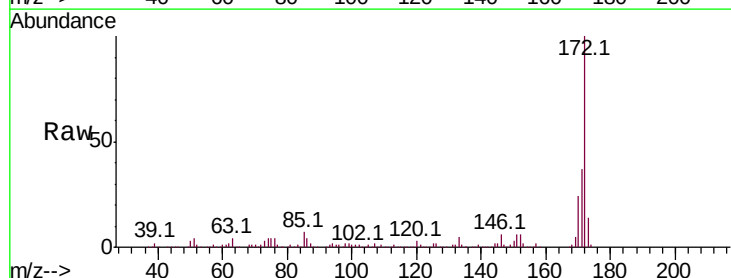
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.810 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.4	21.0	31.6

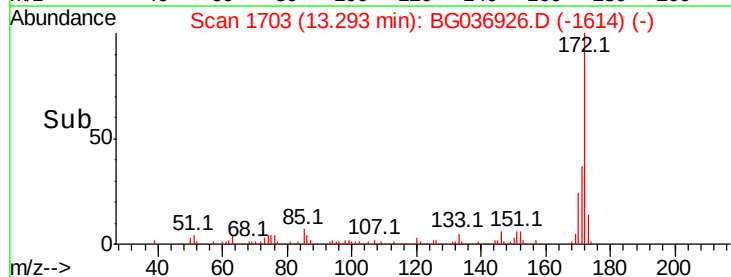
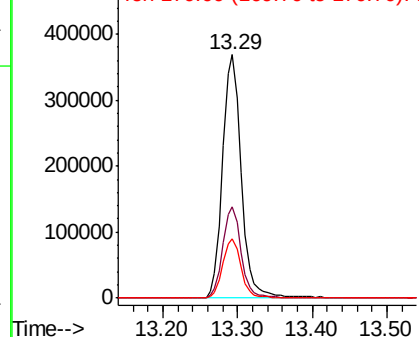


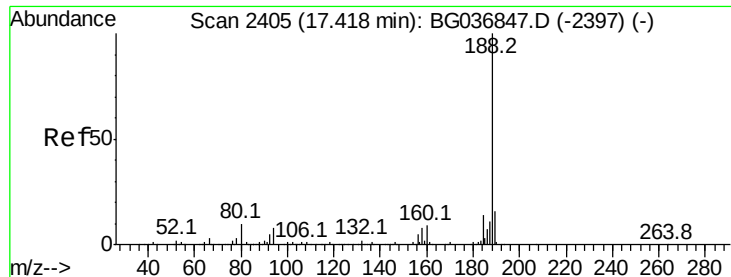
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

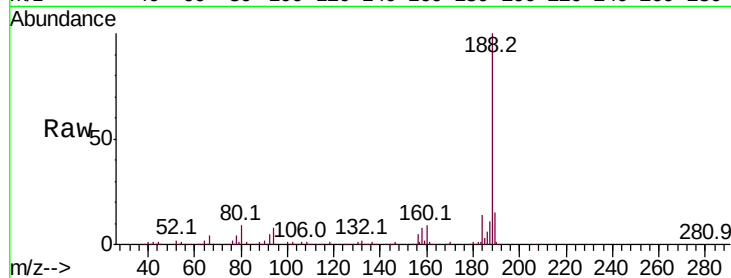
Tot Ion:188 Resp: 303564

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

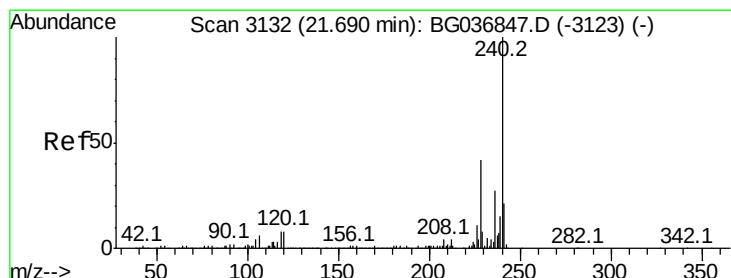
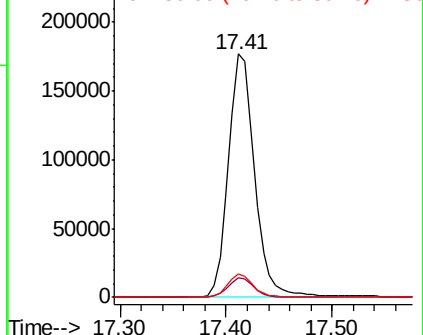
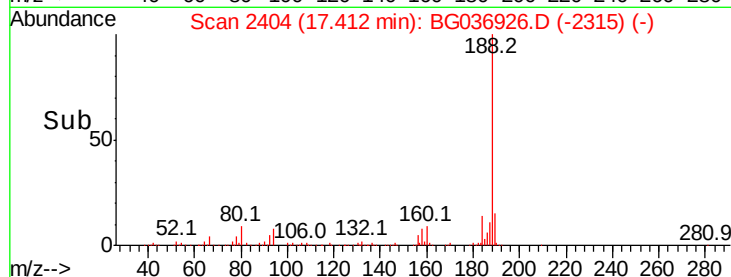
80 9.4 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

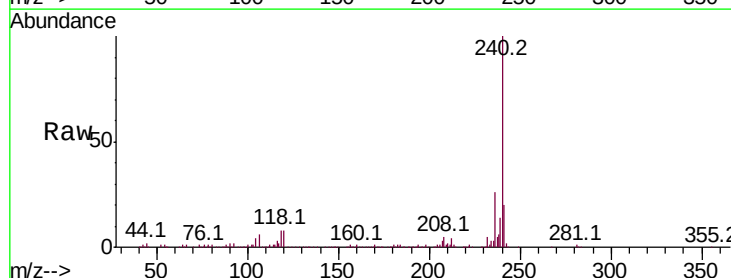
Tgt Ion:240 Resp: 324668

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

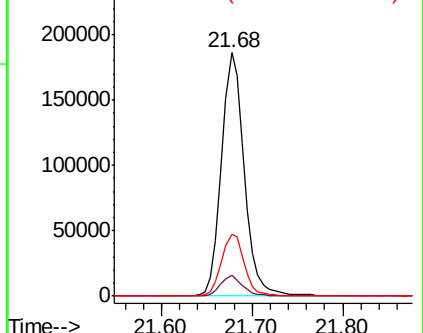
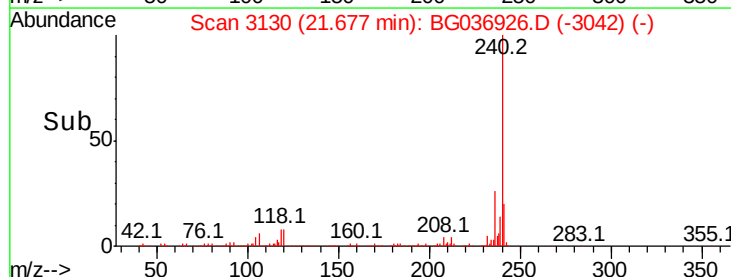
236 25.6 21.2 31.8

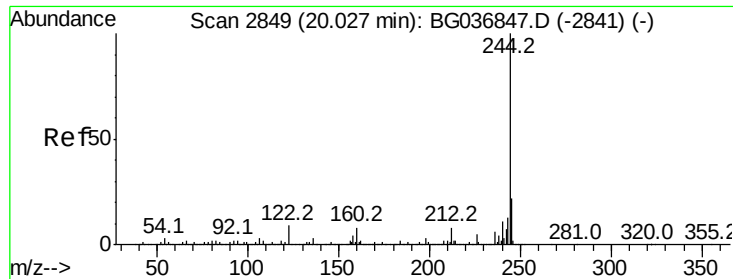


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.287 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

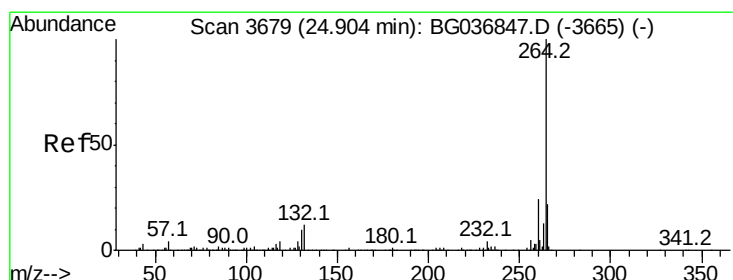
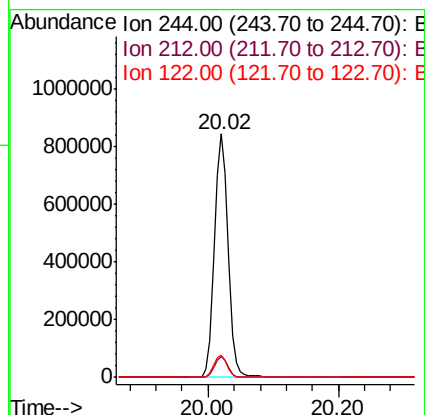
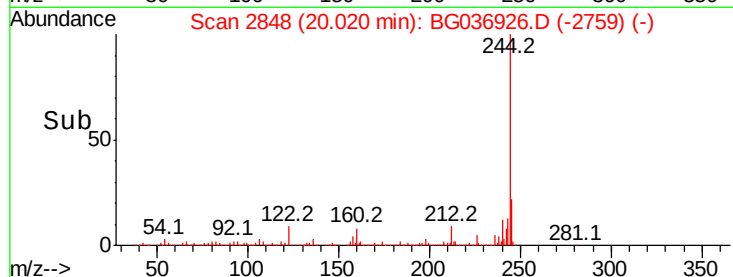
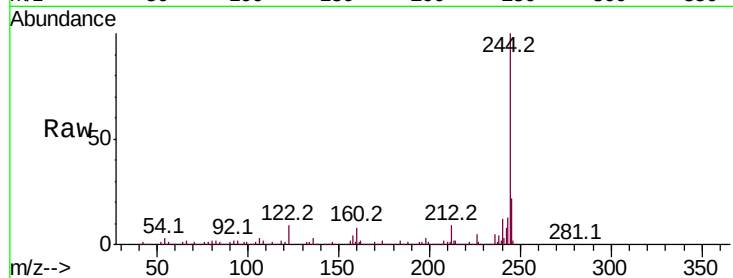
Tot Ion:244 Resp: 1225911

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 9.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Tgt Ion:264 Resp: 314661

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

265 23.0 17.4 26.0

