

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036937.D
 Acq On : 25 Sep 2018 4:15
 Operator : JU/SJ
 Sample : J4770-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 25 07:32:12 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

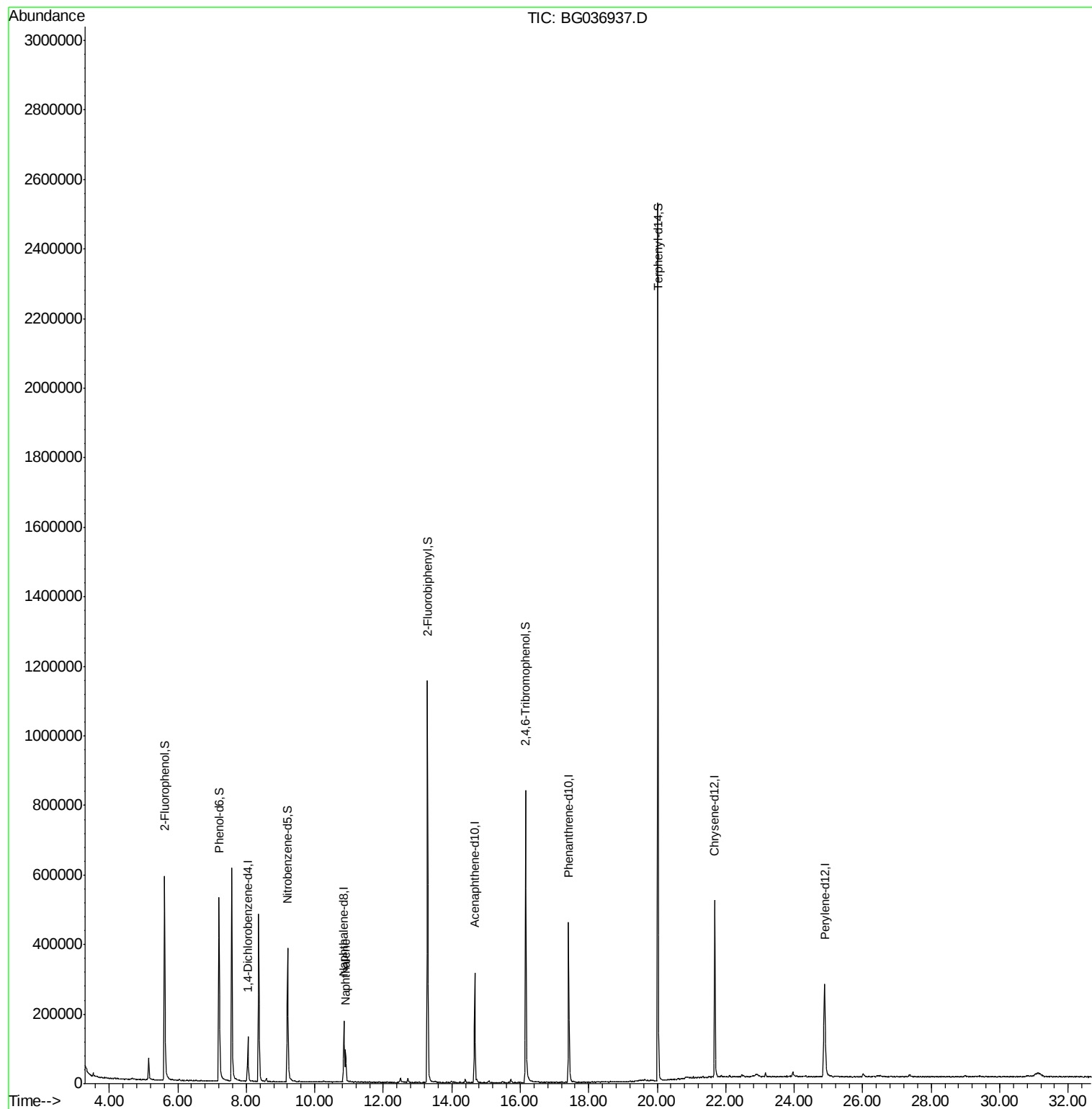
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40795	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	172448	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	117352	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	327788	20.00	ng	0.00
75) Chrysene-d12	21.68	240	336702	20.00	ng	-0.01
86) Perylene-d12	24.89	264	324950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	274349	128.97	ng	0.00
7) Phenol-d6	7.20	99	351465	106.79	ng	-0.01
23) Nitrobenzene-d5	9.20	82	282448	87.71	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	180348	128.45	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	663351	84.19	ng	0.00
78) Terphenyl-d14	20.02	244	1254423	97.96	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	85850	10.463	ng	Qvalue 98

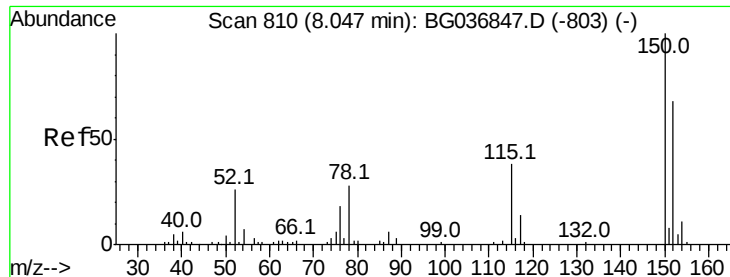
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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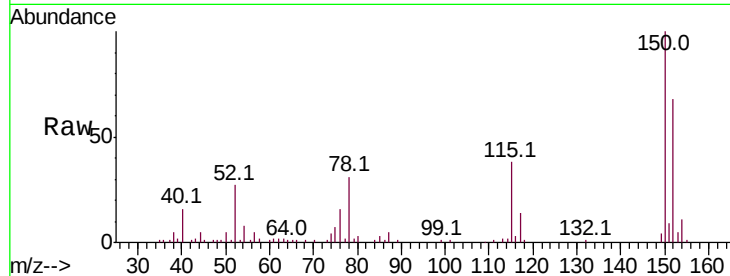


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	56.5	44.5	66.7

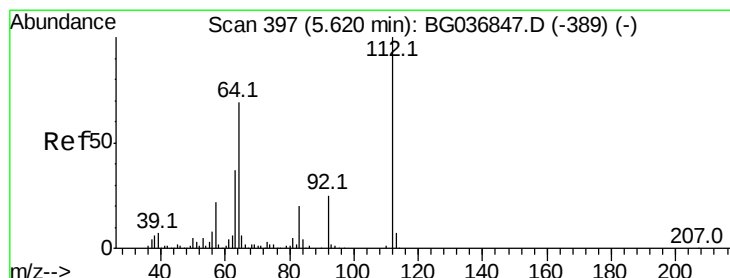
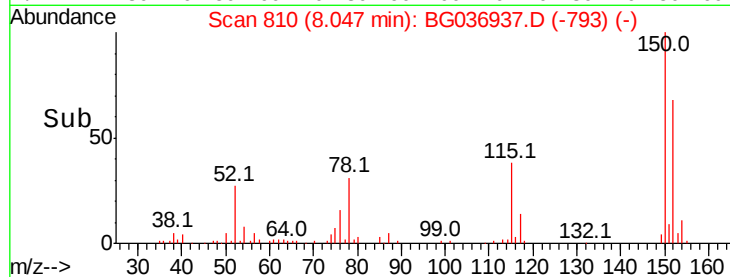
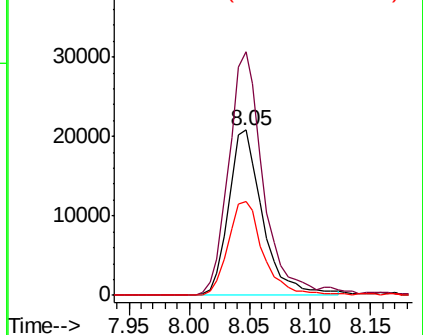


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

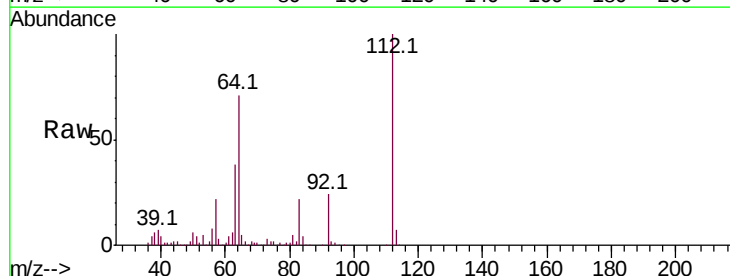
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 128.972 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.2	85.8
63	38.0	30.8	46.2

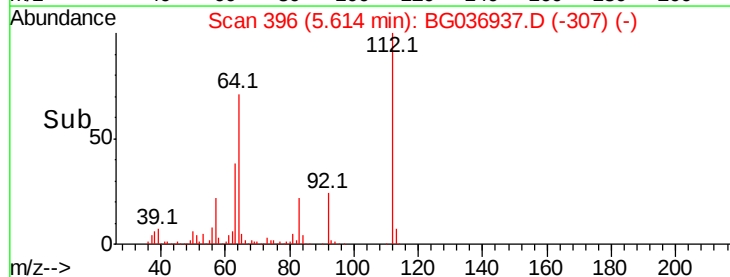
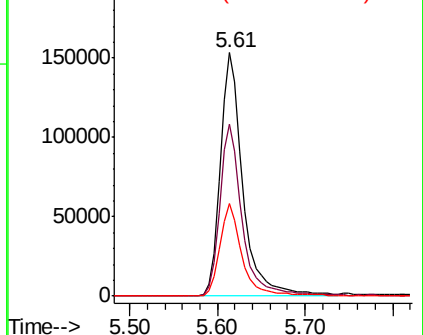


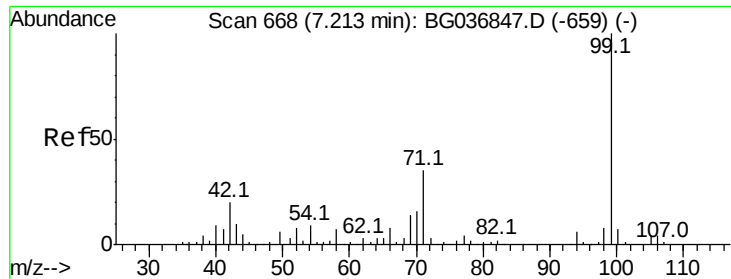
Abundance

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: 106.791 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-I

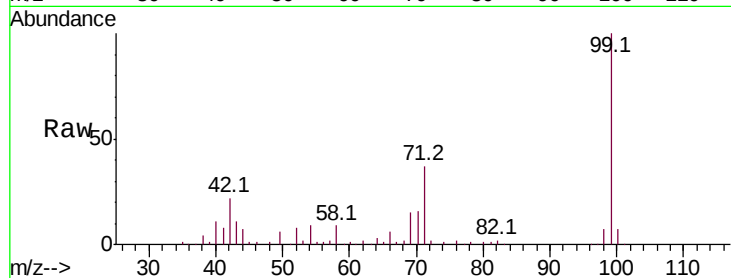
Tot Ion: 99 Resp: 351465

Ion Ratio Lower Upper

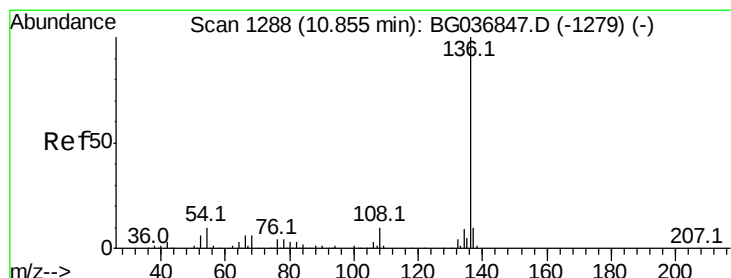
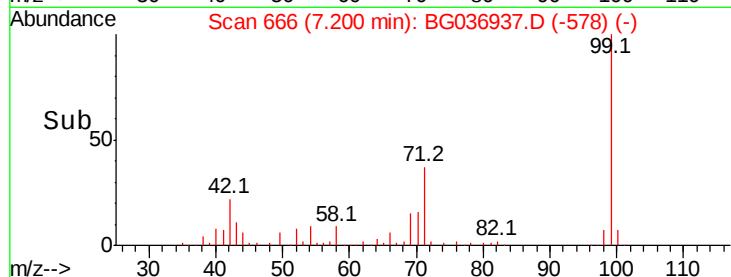
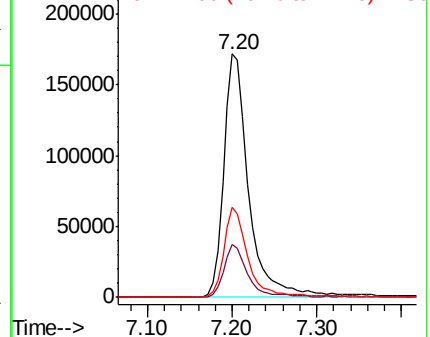
99 100

42 21.7 16.5 24.7

71 37.1 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: BG036937.D

Acq: 25 Sep 2018 4:15

Tgt Ion:136 Resp: 172448

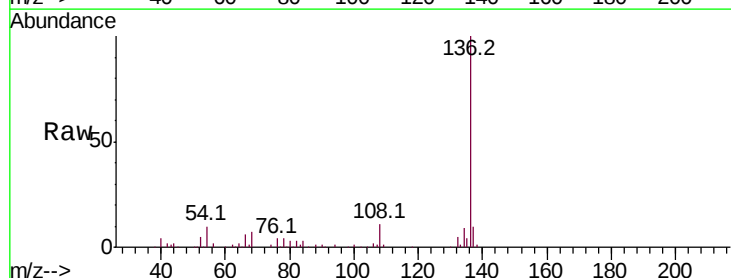
Ion Ratio Lower Upper

136 100

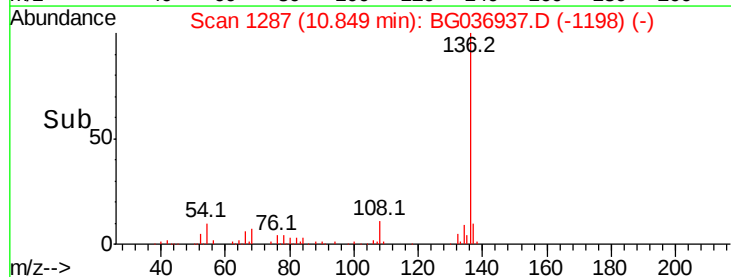
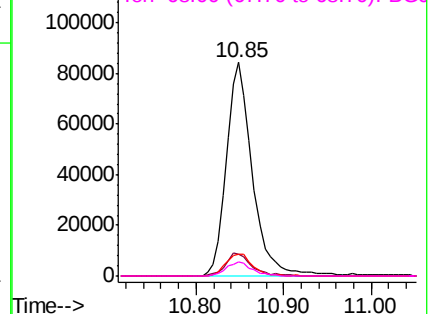
137 10.2 8.8 13.2

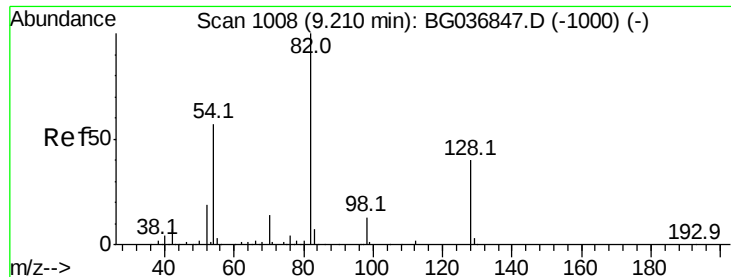
54 10.3 9.2 13.8

68 6.6 5.8 8.6



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

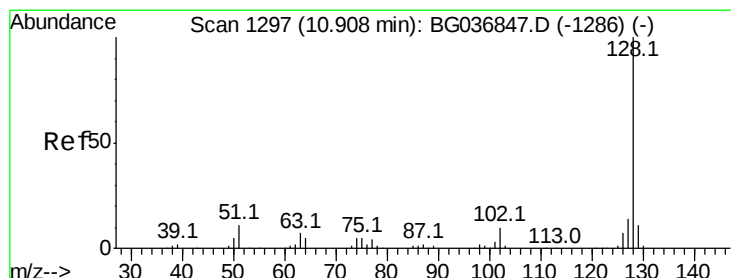
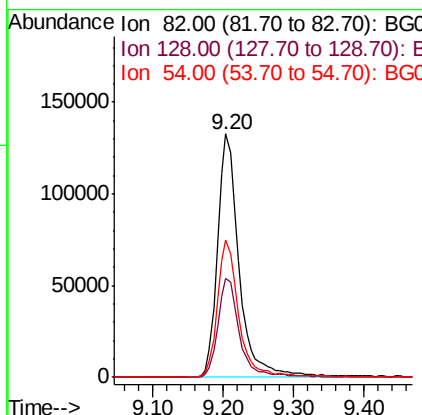
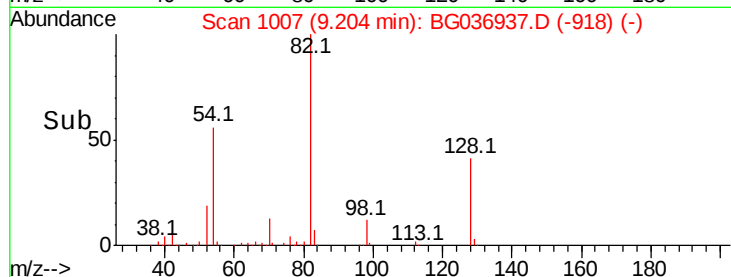
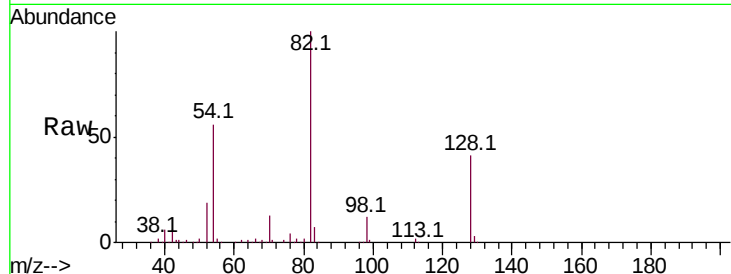




#23
Nitrobenzene-d5
Concen: 87.710 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

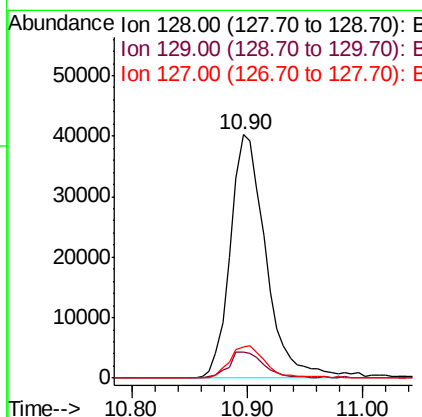
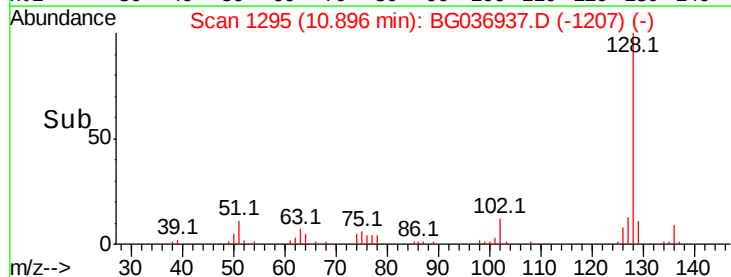
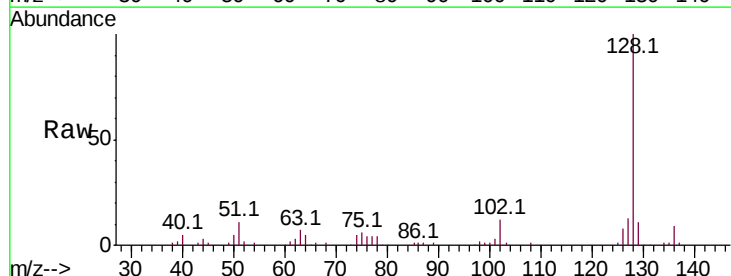
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-I

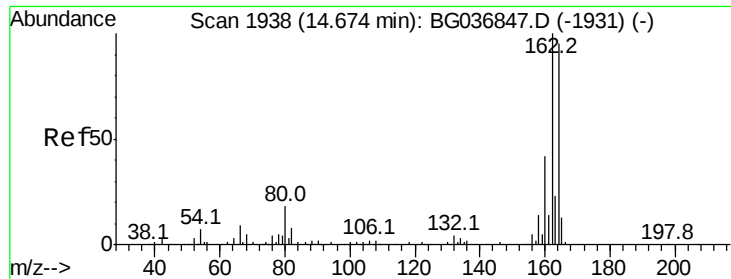
Tot Ion: 82 Resp: 282448
Ion Ratio Lower Upper
82 100
128 40.6 33.3 49.9
54 56.2 45.1 67.7



#31
Naphthalene
Concen: 10.463 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Tgt Ion: 128 Resp: 85850
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.9 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-I

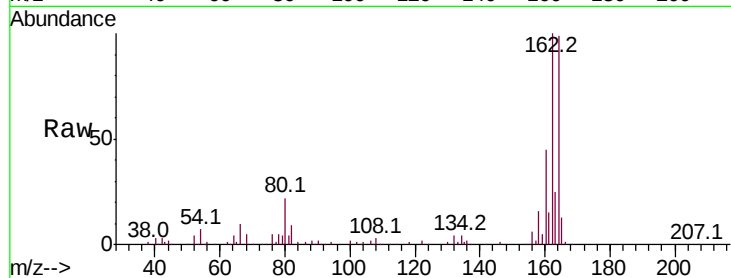
Tot Ion:164 Resp: 117352

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

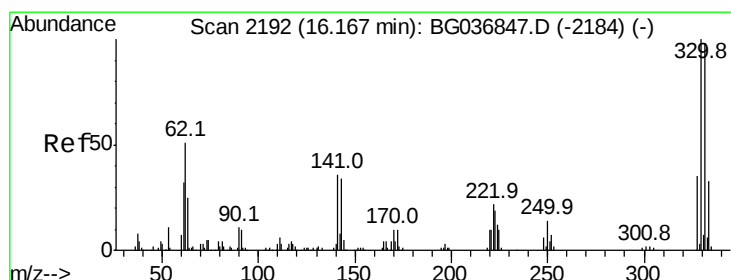
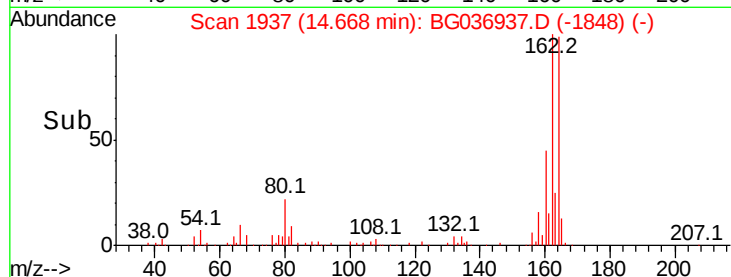
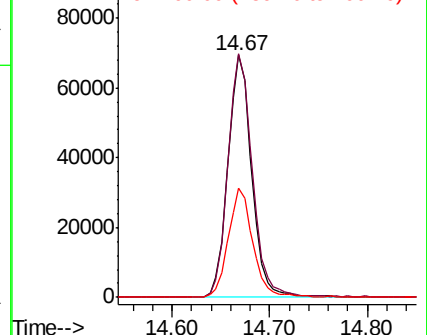
160 45.0 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 128.449 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

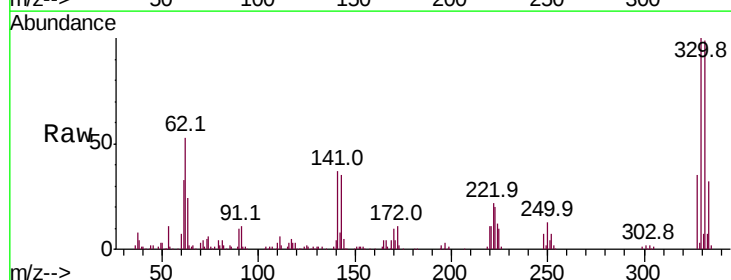
Tgt Ion:330 Resp: 180348

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

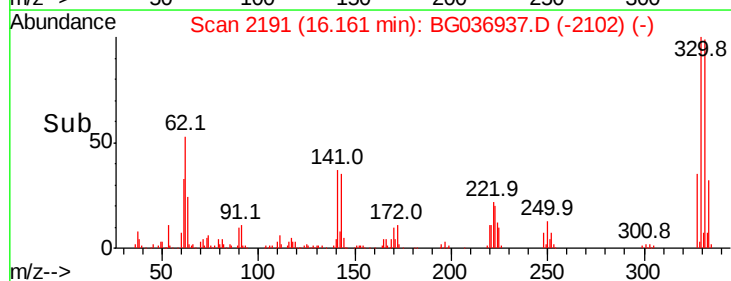
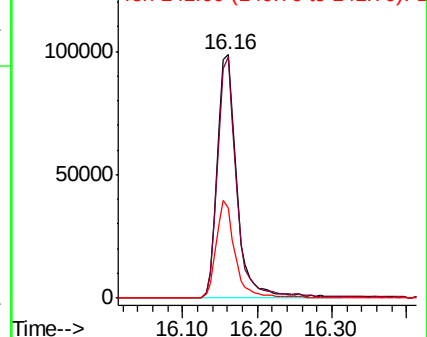
141 38.5 30.7 46.1

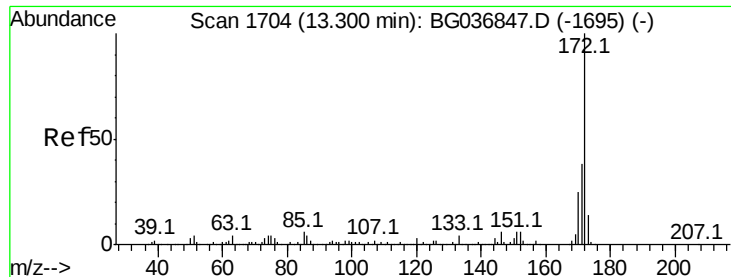


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

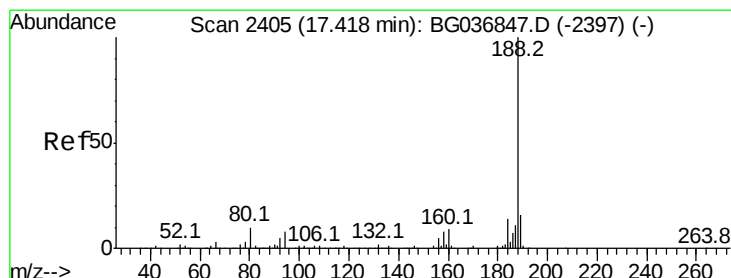
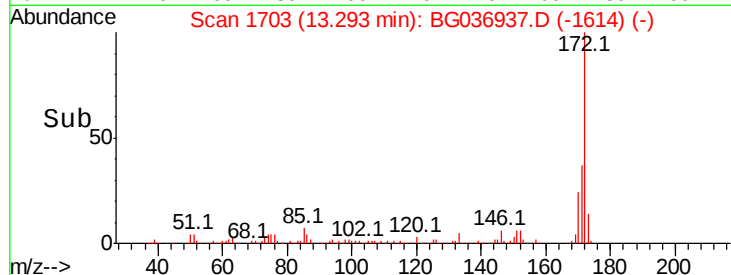
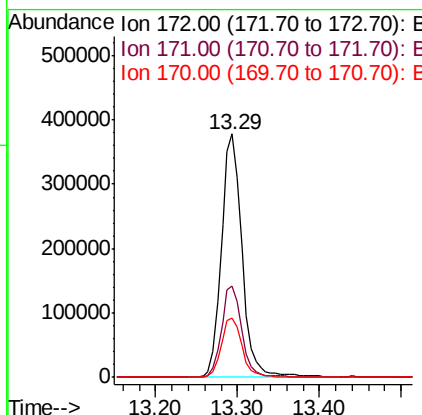
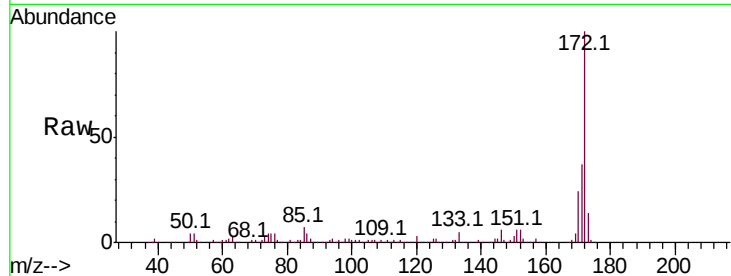




#44
 2-Fluorobiphenyl
 Concen: 84.190 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

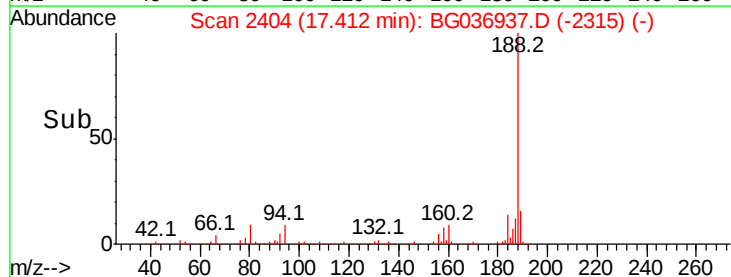
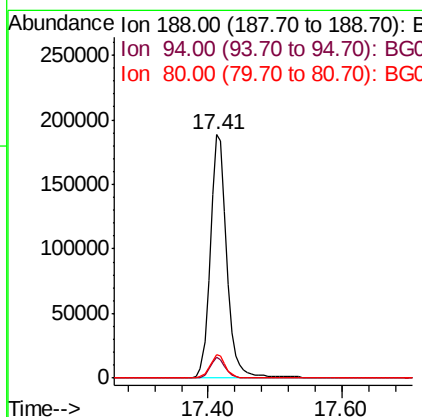
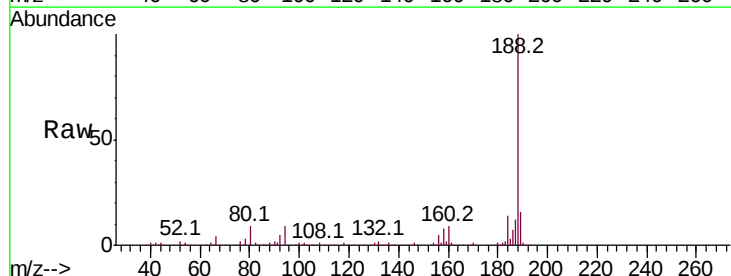
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-I

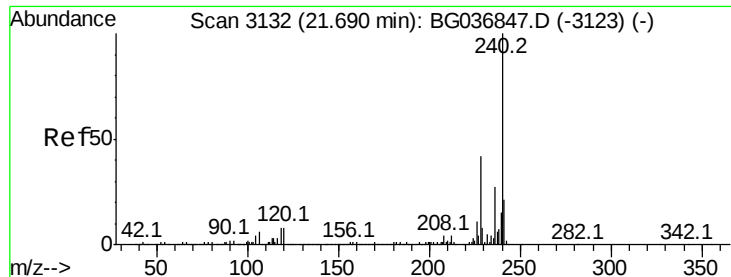
Tot Ion:172 Resp: 663351
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 24.4 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Tgt Ion:188 Resp: 327788
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.7 10.1
 80 9.4 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-I

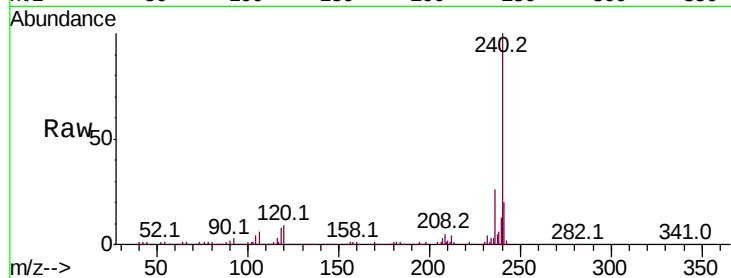
Tot Ion:240 Resp: 336702

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

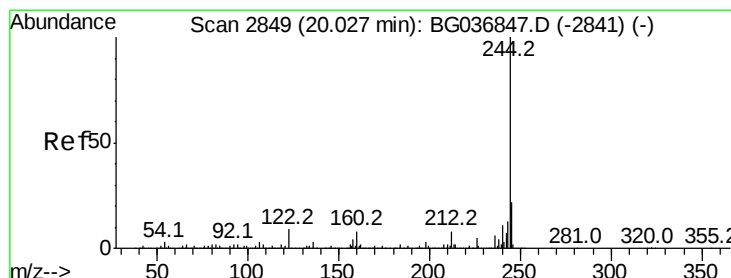
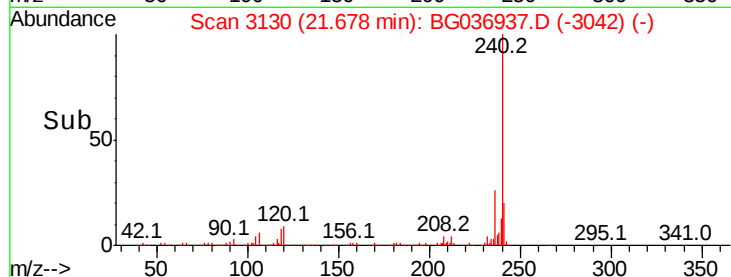
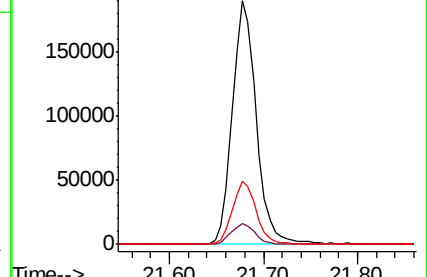
236 26.2 21.2 31.8



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: 97.965 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

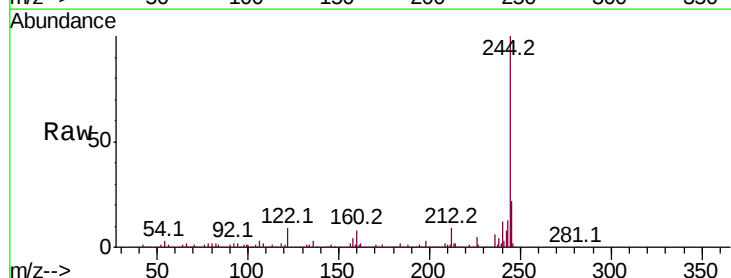
Tgt Ion:244 Resp: 1254423

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

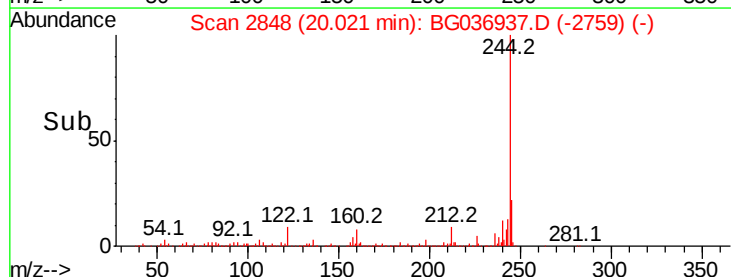
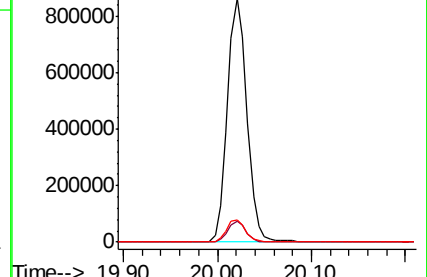
122 8.9 7.1 10.7

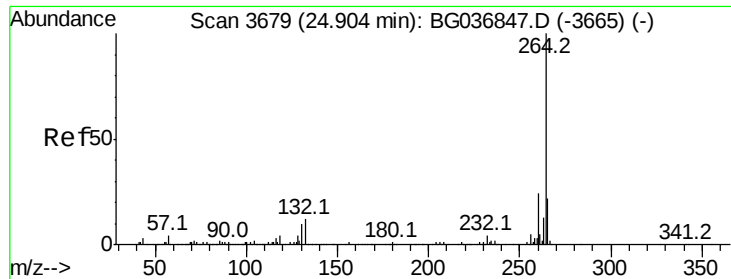


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

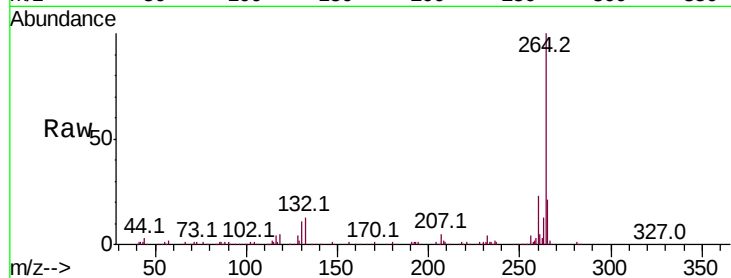




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.4	17.4	26.0



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

