

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036930.D
 Acq On : 24 Sep 2018 23:03
 Operator : JU/SJ
 Sample : J4770-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 25 07:22:30 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

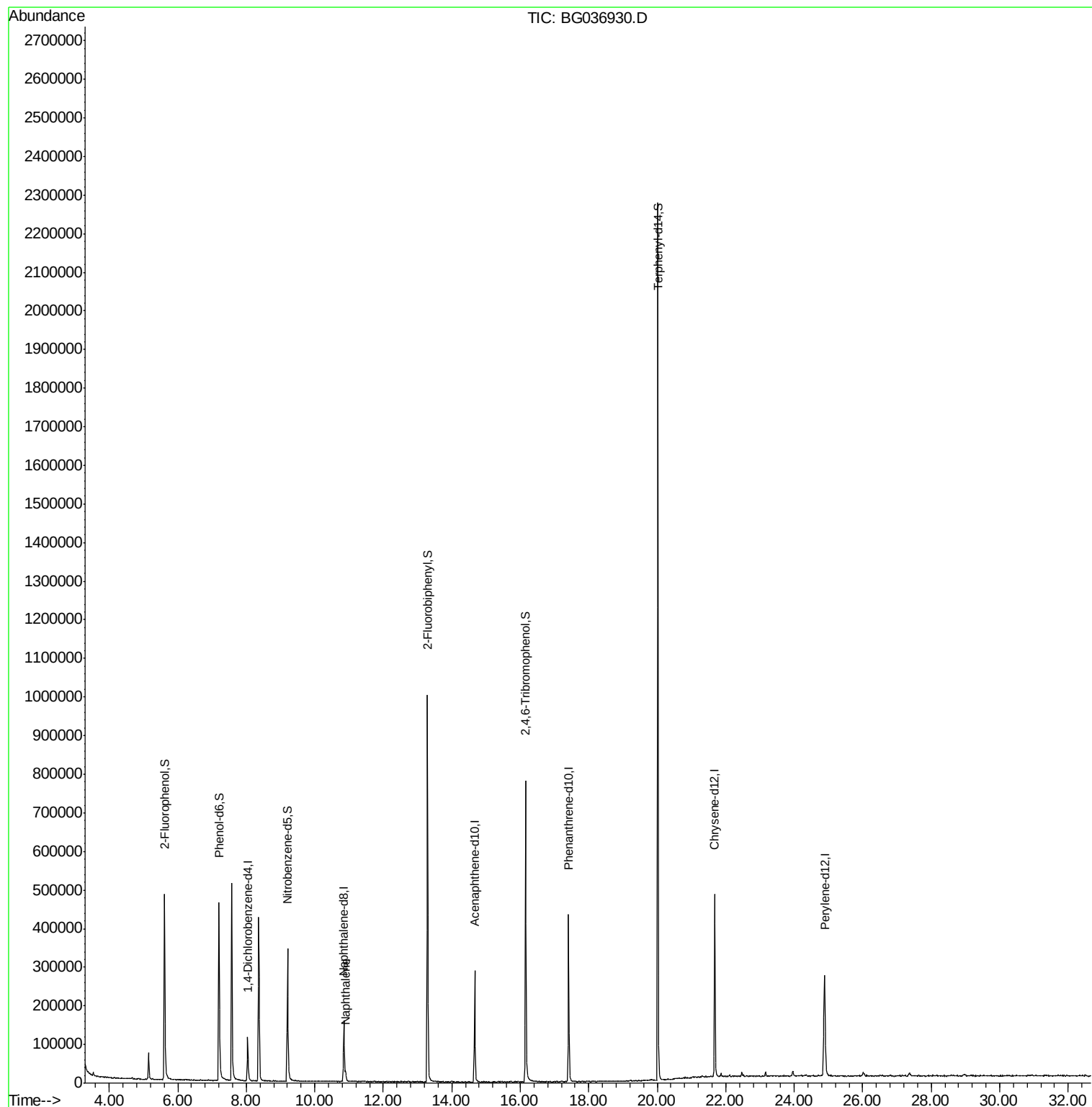
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37010	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	157291	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	108865	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294237	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311795	20.00	ng	-0.01
86) Perylene-d12	24.89	264	307080	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	226400	117.32	ng	0.00
7) Phenol-d6	7.20	99	304223	101.89	ng	-0.01
23) Nitrobenzene-d5	9.21	82	245421	83.56	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	153371	117.75	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	577249	78.97	ng	0.00
78) Terphenyl-d14	20.02	244	1127739	95.11	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	23517	3.142	ng	Qvalue 98

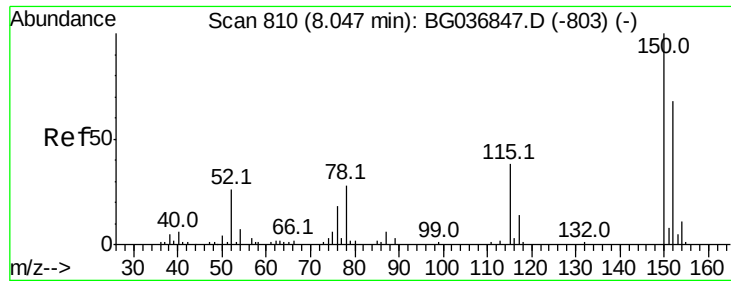
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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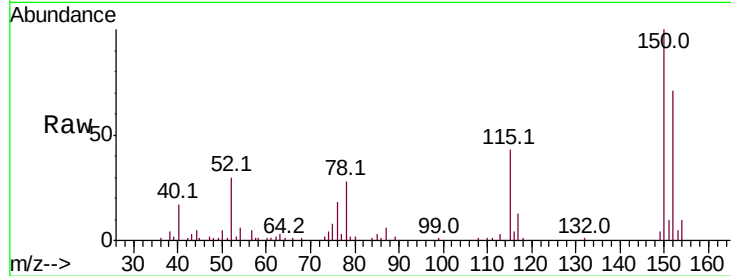


#1

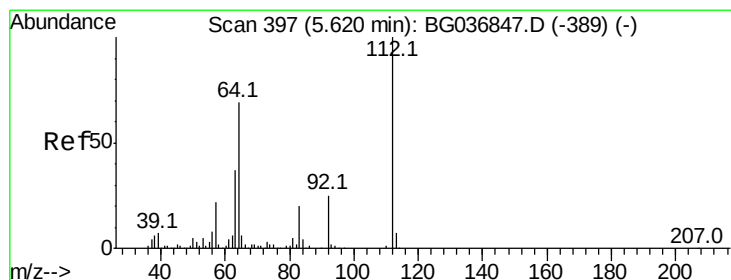
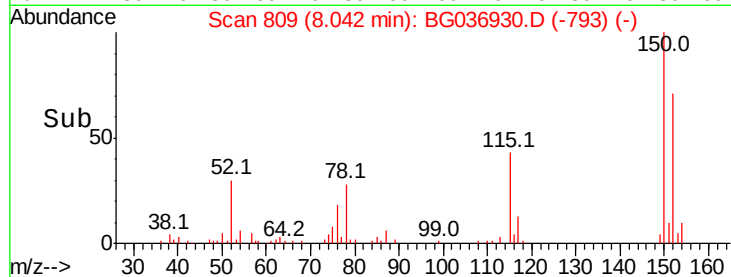
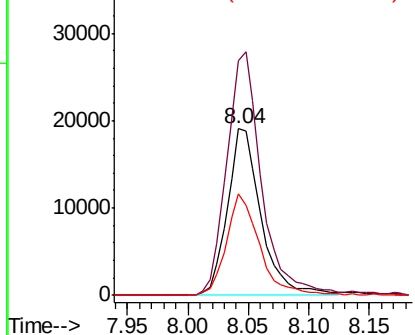
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG036930.D
 Acq: 24 Sep 2018 23:03

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

Tot Ion:152 Resp: 37010
 Ion Ratio Lower Upper
 152 100
 150 141.2 119.5 179.3
 115 60.7 44.5 66.7



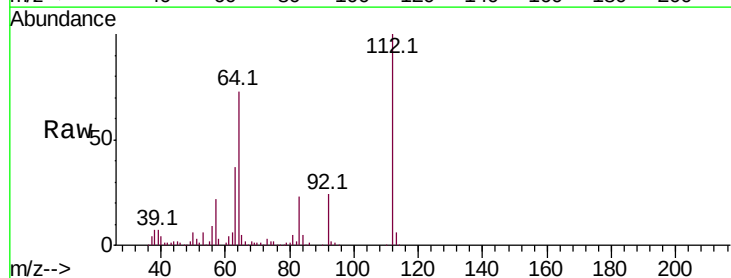
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



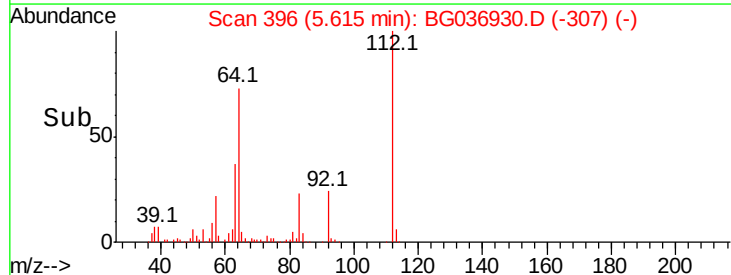
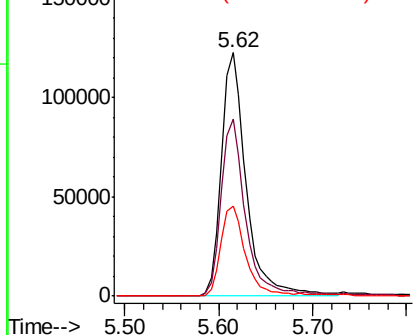
#5

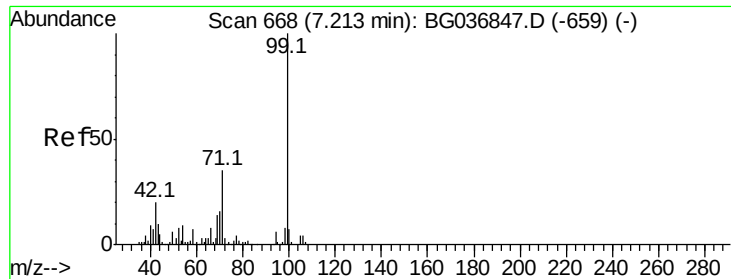
2-Fluorophenol
 Concen: 117.316 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036930.D
 Acq: 24 Sep 2018 23:03

Tgt Ion:112 Resp: 226400
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.2 85.8
 63 37.0 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: 101.891 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036930.D

Acq: 24 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-G

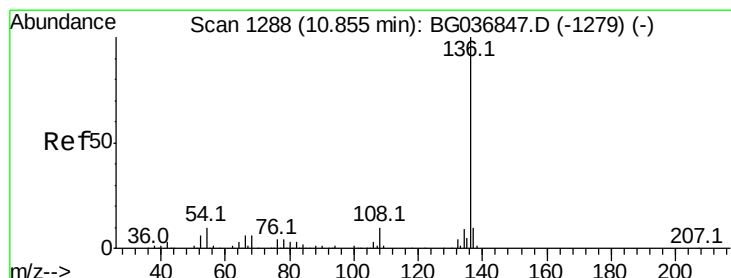
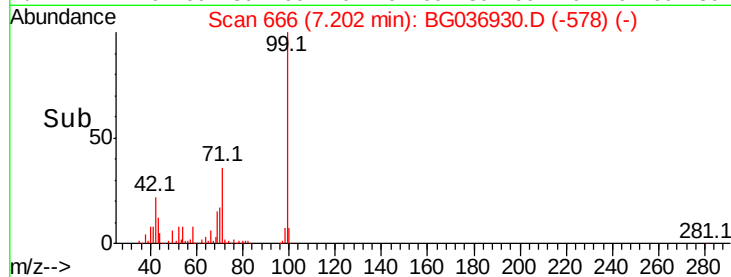
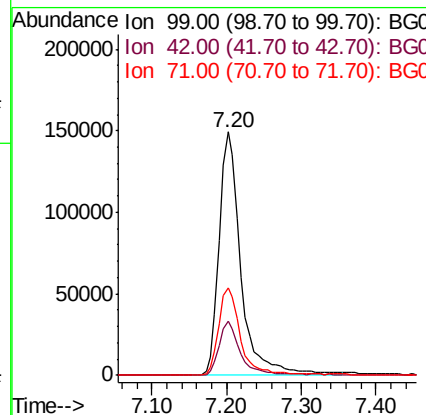
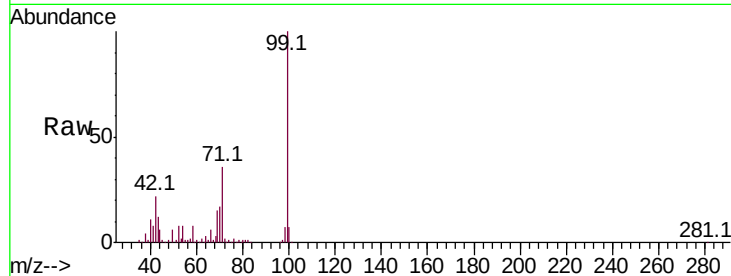
Tot Ion: 99 Resp: 304223

Ion Ratio Lower Upper

99 100

42 22.4 16.5 24.7

71 36.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036930.D

Acq: 24 Sep 2018 23:03

Tgt Ion: 136 Resp: 157291

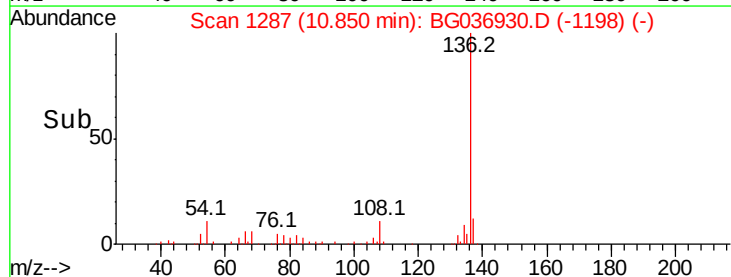
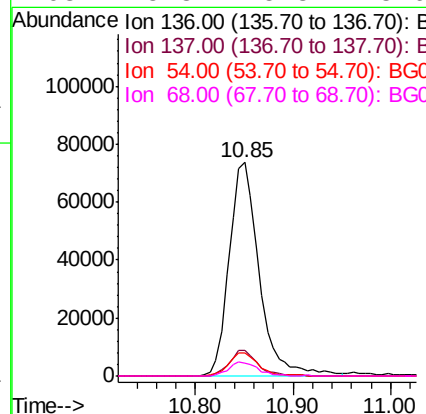
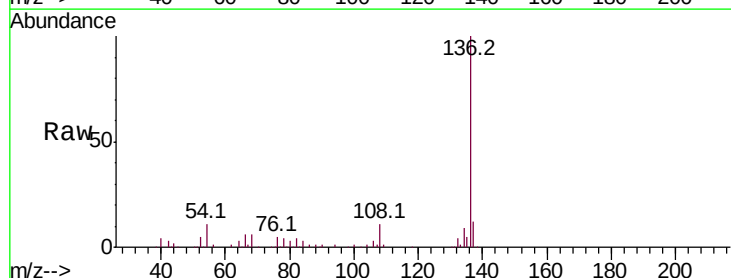
Ion Ratio Lower Upper

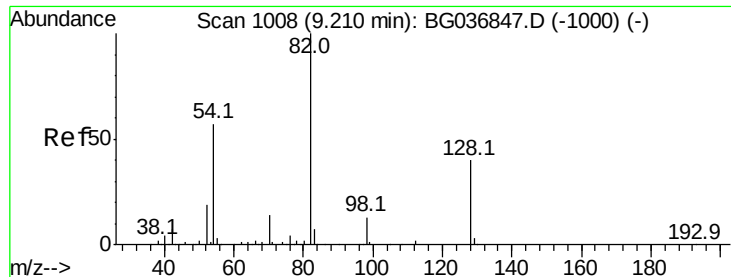
136 100

137 11.8 8.8 13.2

54 10.8 9.2 13.8

68 5.8 5.8 8.6

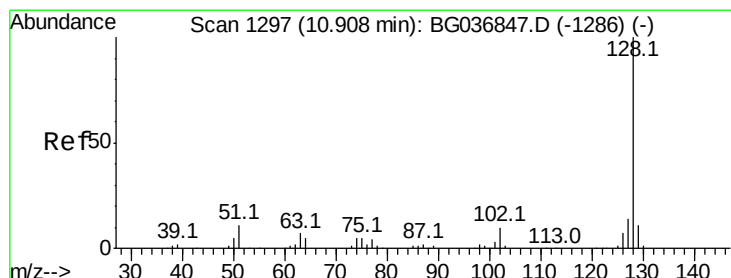
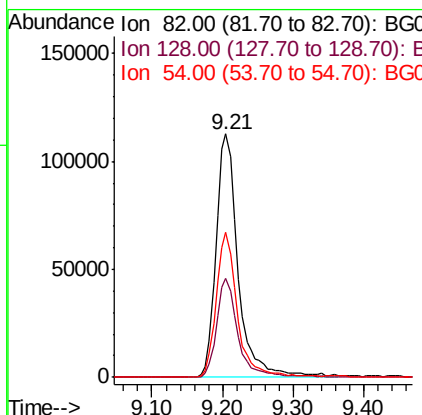
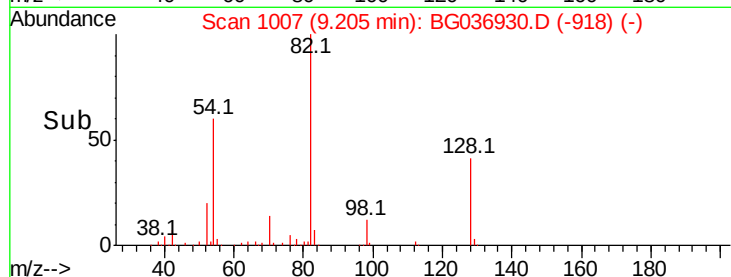
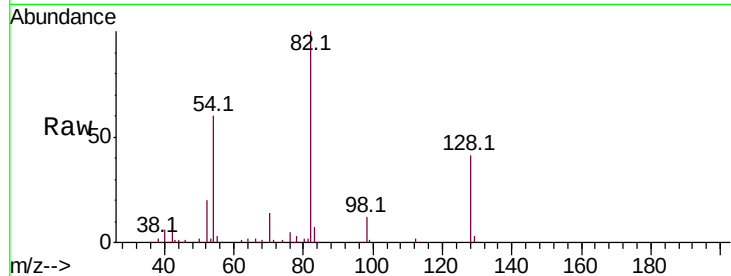




#23
 Nitrobenzene-d5
 Concen: 83.556 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036930.D
 Acq: 24 Sep 2018 23:03

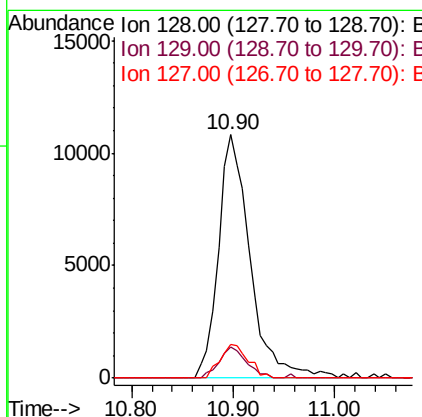
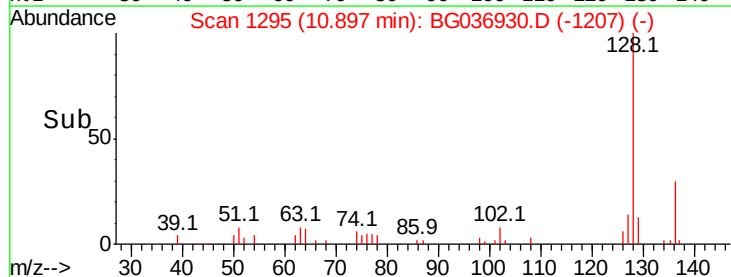
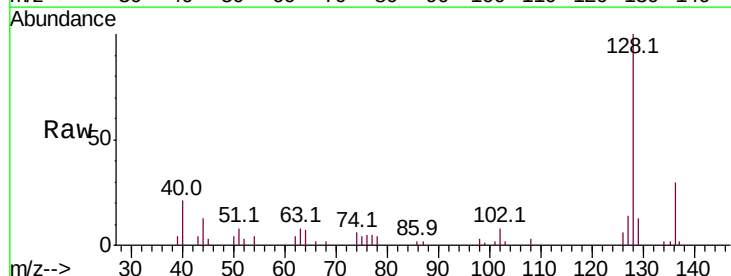
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-G

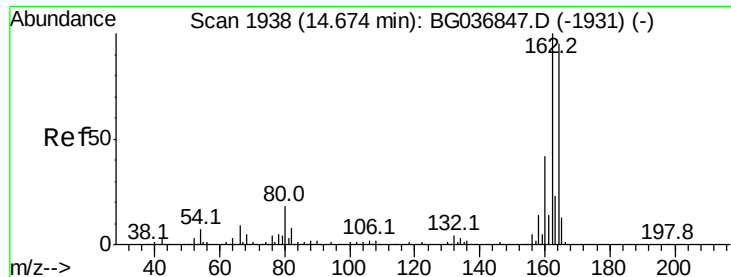
Tot Ion	82	Resp	245421
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.3	49.9
54	59.6	45.1	67.7



#31
 Naphthalene
 Concen: 3.142 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG036930.D
 Acq: 24 Sep 2018 23:03

Tgt Ion	128	Resp	23517
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.4	14.2
127	14.0	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: BG036930.D

Acq: 24 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-G

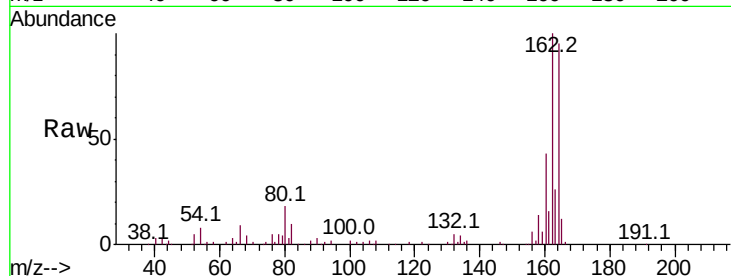
Tot Ion:164 Resp: 108865

Ion Ratio Lower Upper

164 100

162 105.2 80.7 121.1

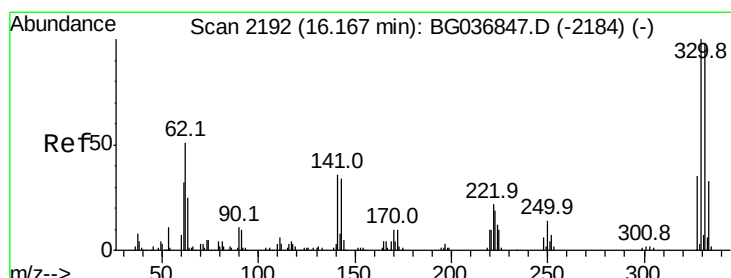
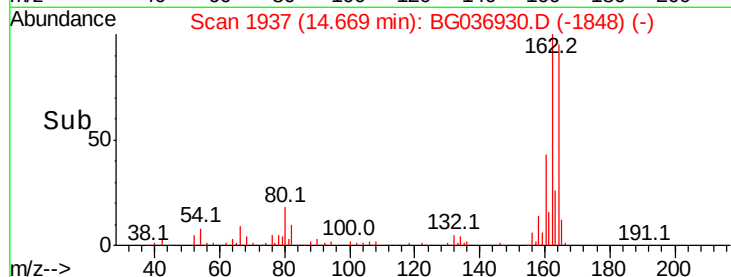
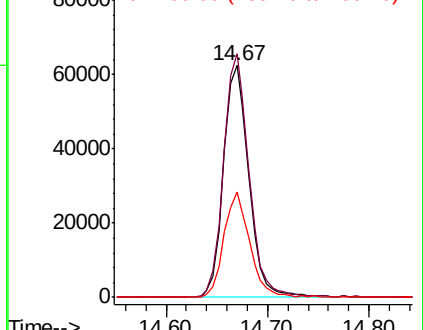
160 45.3 35.3 52.9



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: 117.751 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036930.D

Acq: 24 Sep 2018 23:03

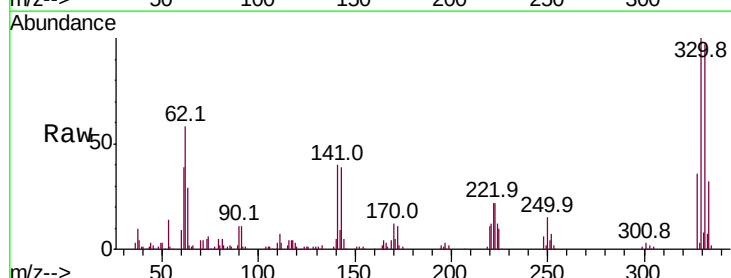
Tgt Ion:330 Resp: 153371

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

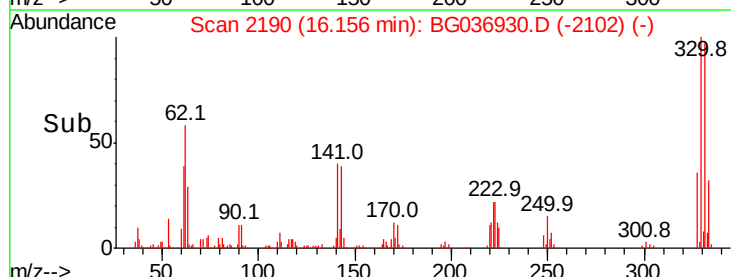
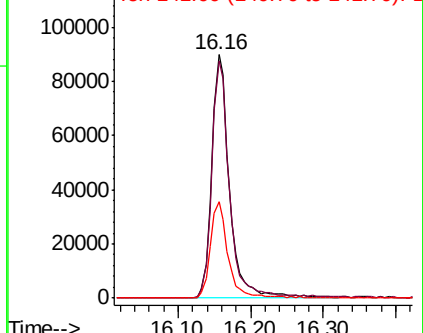
141 38.8 30.7 46.1

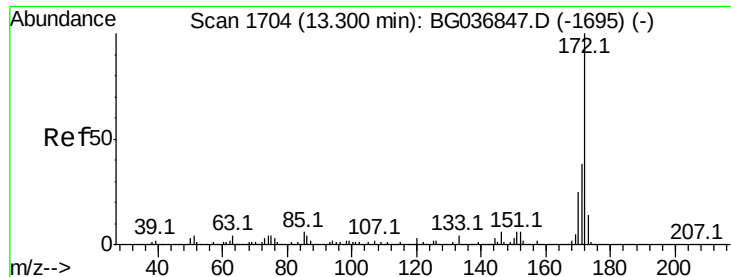


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

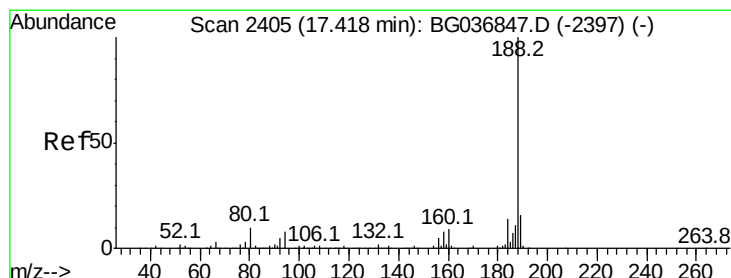
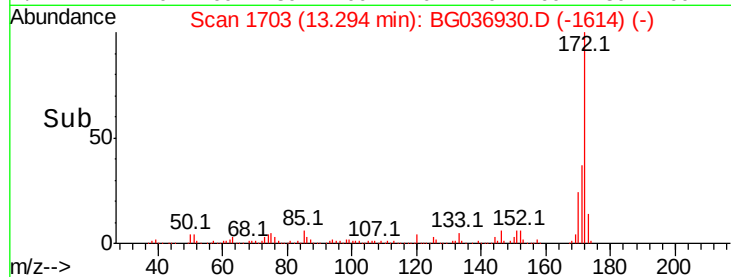
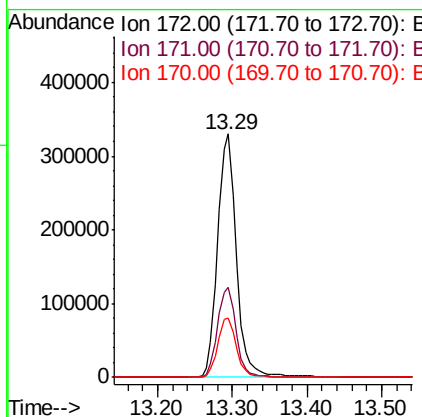
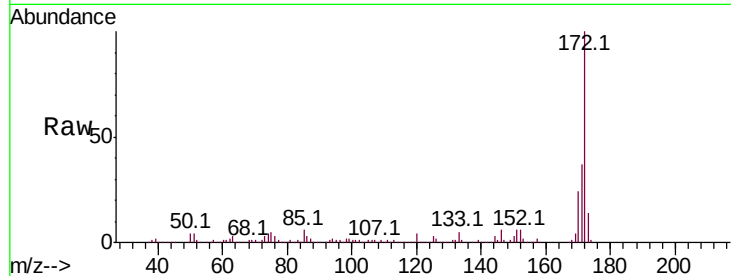




#44
2-Fluorobiphenyl
Concen: 78.974 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036930.D
Acq: 24 Sep 2018 23:03

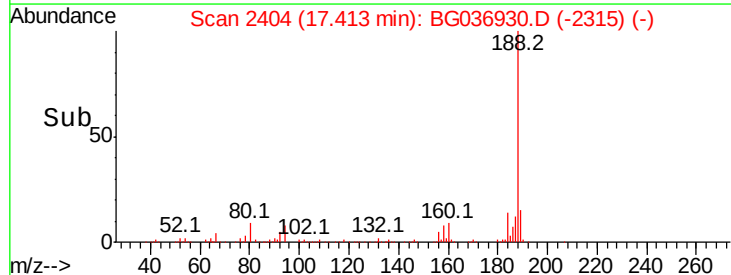
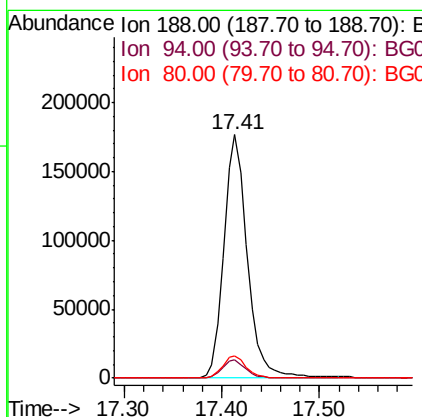
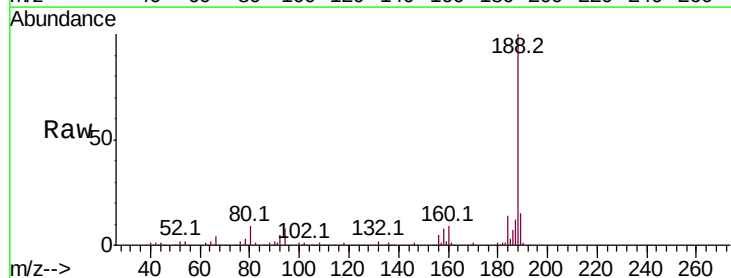
Instrument :
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ClientSampleId :
JC-02-092118-G

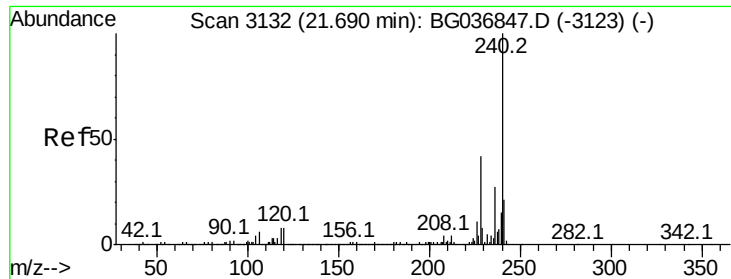
Tot Ion:172 Resp: 577249
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.3 21.0 31.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036930.D
Acq: 24 Sep 2018 23:03

Tgt Ion:188 Resp: 294237
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.1 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: BG036930.D

Acq: 24 Sep 2018 23:03

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-G

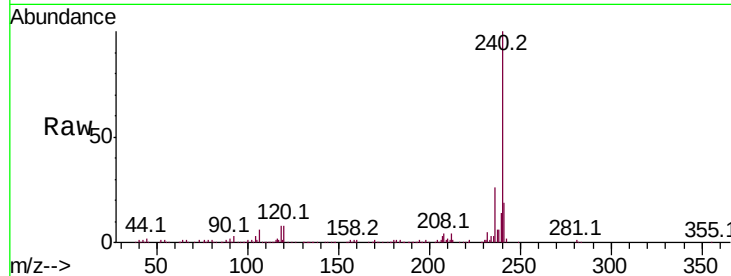
Tot Ion:240 Resp: 311795

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

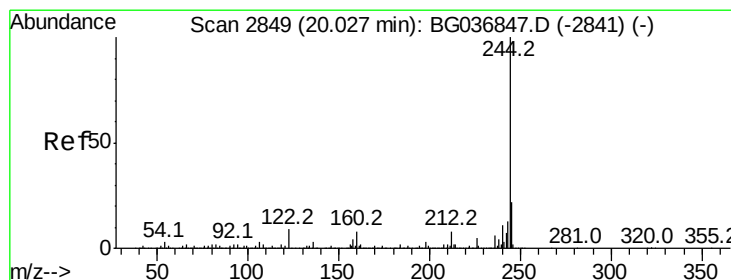
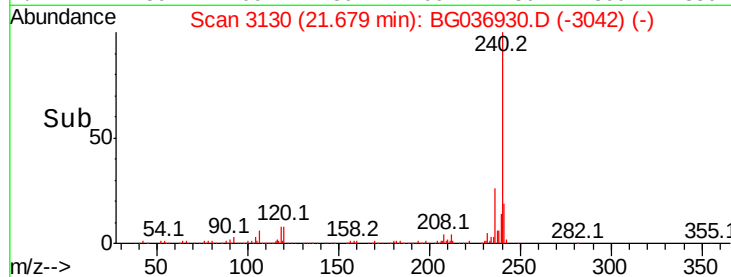
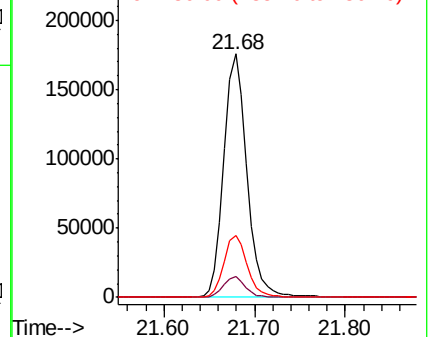
236 25.5 21.2 31.8



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: 95.107 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036930.D

Acq: 24 Sep 2018 23:03

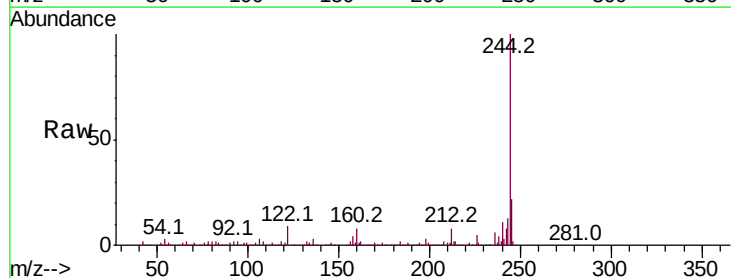
Tgt Ion:244 Resp: 1127739

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

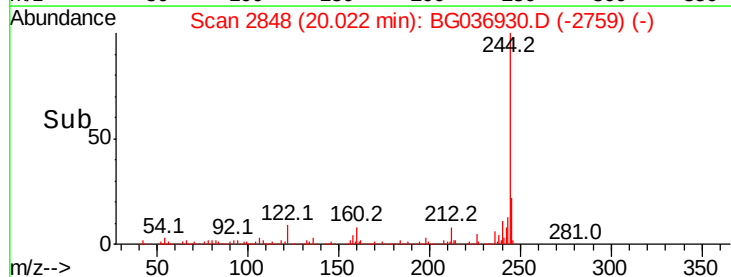
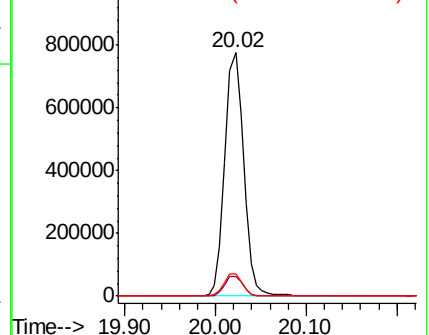
122 9.0 7.1 10.7

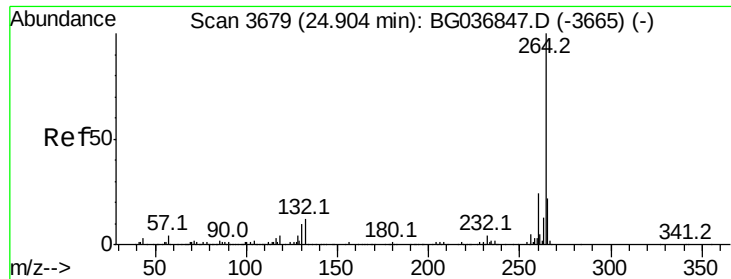


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036930.D
 Acq: 24 Sep 2018 23:03

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	22.8	17.4	26.0

