

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036931.D
 Acq On : 24 Sep 2018 23:42
 Operator : JU/SJ
 Sample : J4770-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 25 07:23:00 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	36807	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	160312	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106730	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	280169	20.00	ng	0.00
75) Chrysene-d12	21.68	240	302601	20.00	ng	-0.01
86) Perylene-d12	24.89	264	293326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	243722	126.99	ng	0.00
7) Phenol-d6	7.20	99	305092	102.75	ng	-0.01
23) Nitrobenzene-d5	9.20	82	256668	85.74	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	151580	118.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	589982	82.33	ng	0.00
78) Terphenyl-d14	20.02	244	1105720	96.08	ng	0.00

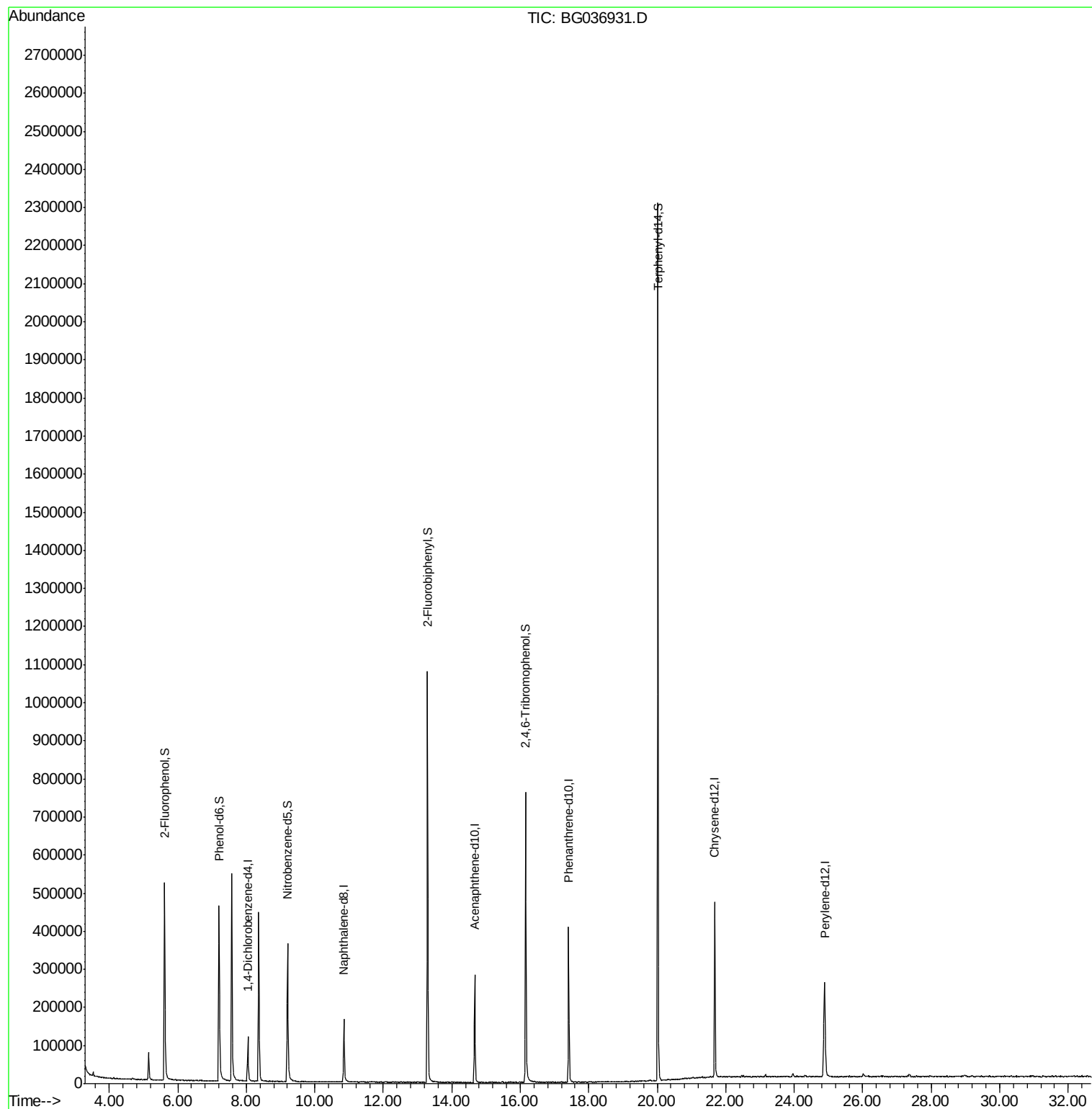
Target Compounds Qvalue

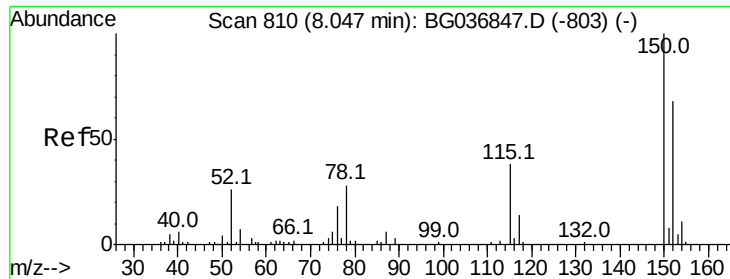
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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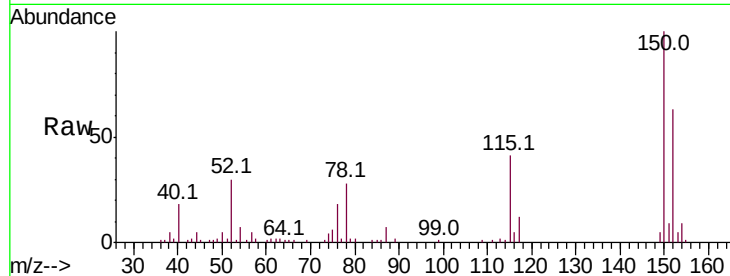


#1

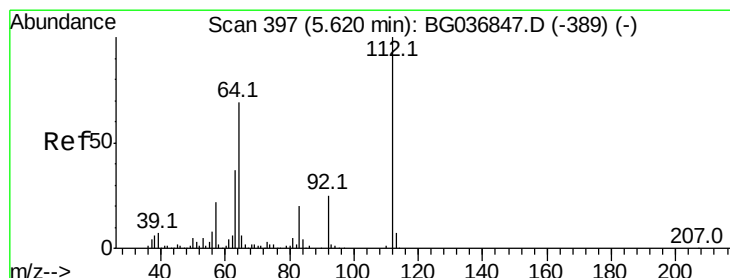
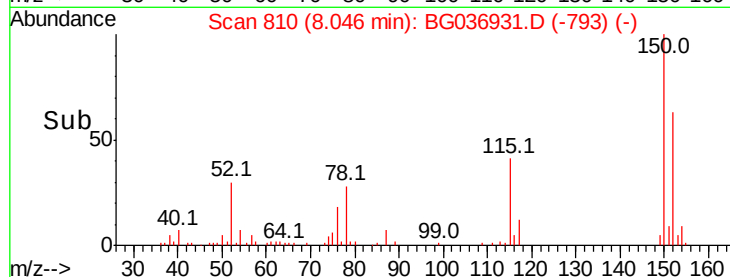
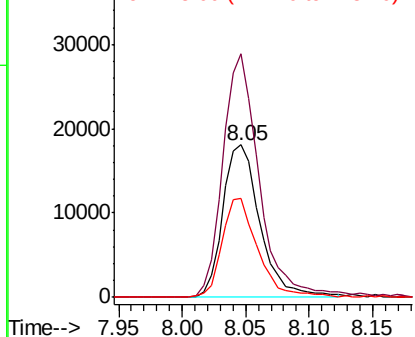
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

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

Tot Ion:152 Resp: 36807
Ion Ratio Lower Upper
152 100
150 159.9 119.5 179.3
115 65.1 44.5 66.7



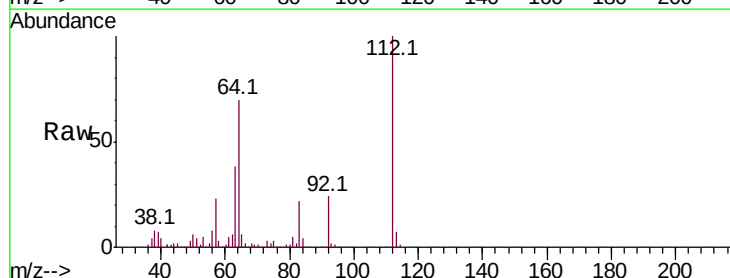
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



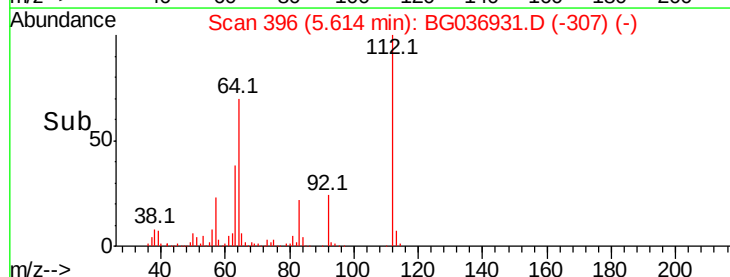
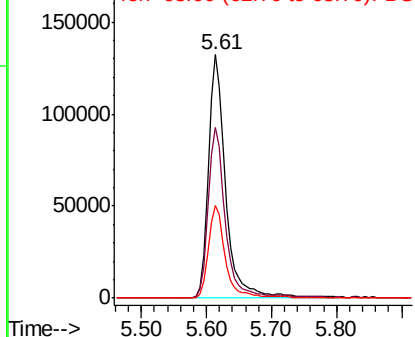
#5

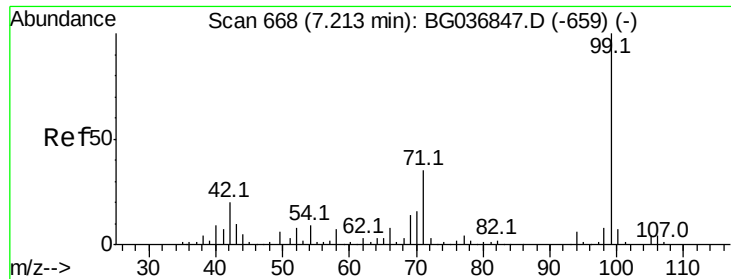
2-Fluorophenol
Concen: 126.988 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion:112 Resp: 243722
Ion Ratio Lower Upper
112 100
64 70.1 57.2 85.8
63 38.2 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: 102.745 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036931.D

Acq: 24 Sep 2018 23:42

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-H

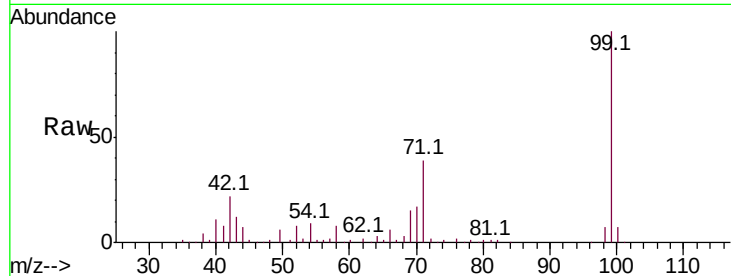
Tot Ion: 99 Resp: 305092

Ion Ratio Lower Upper

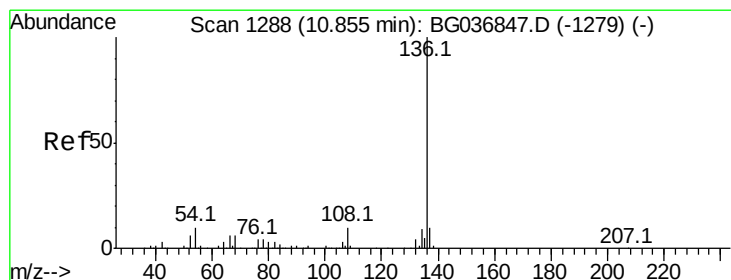
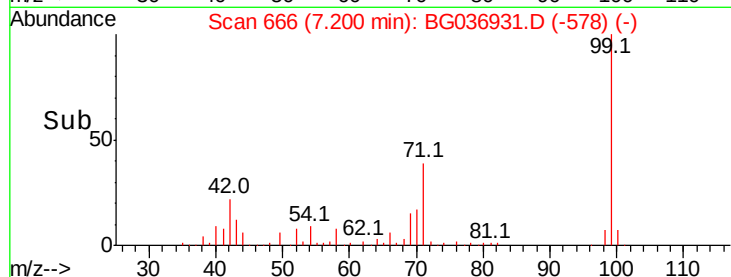
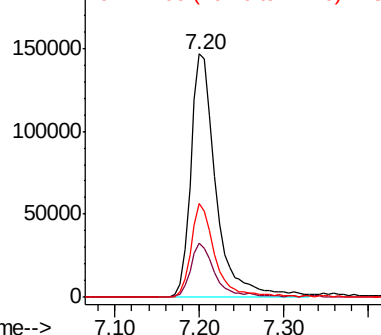
99 100

42 22.1 16.5 24.7

71 38.7 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: BG036931.D

Acq: 24 Sep 2018 23:42

Tgt Ion: 136 Resp: 160312

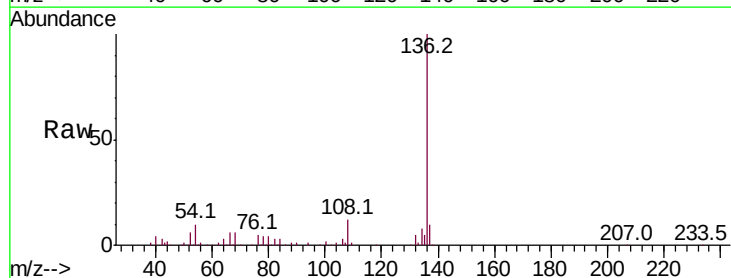
Ion Ratio Lower Upper

136 100

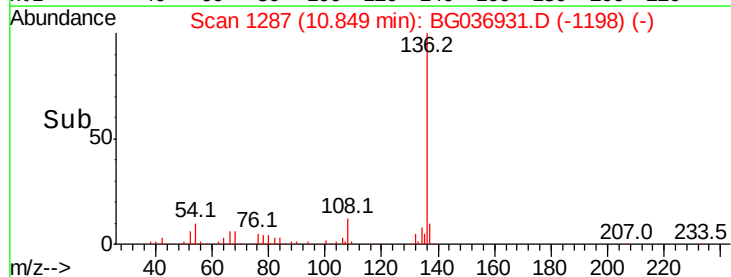
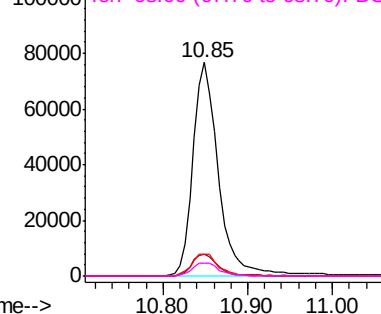
137 10.3 8.8 13.2

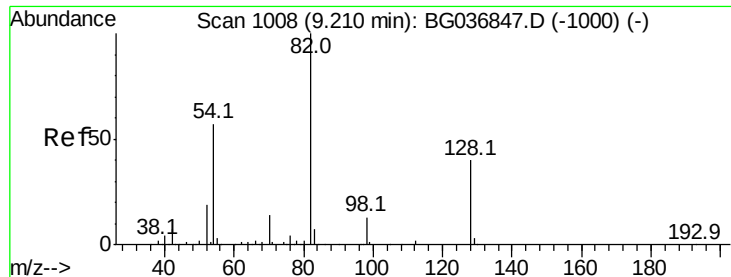
54 10.5 9.2 13.8

68 6.1 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

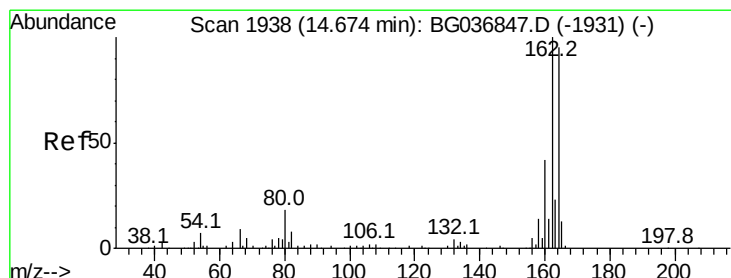
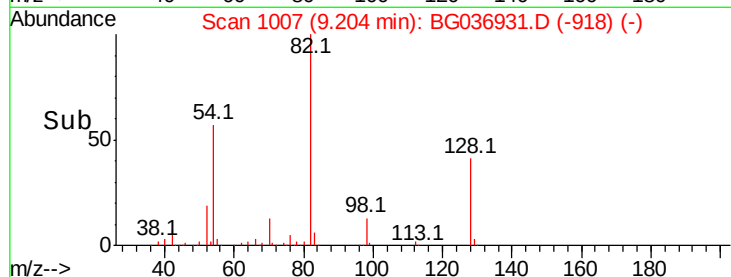
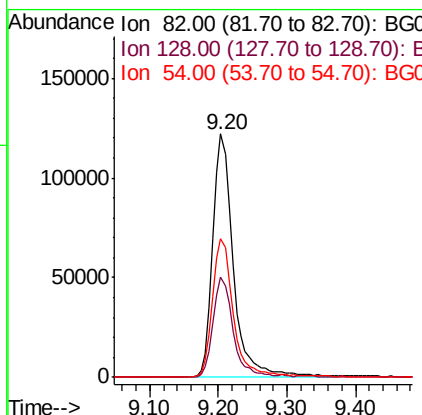
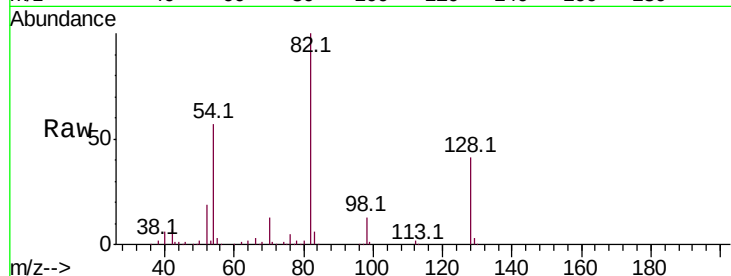




#23
Nitrobenzene-d5
Concen: 85.738 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

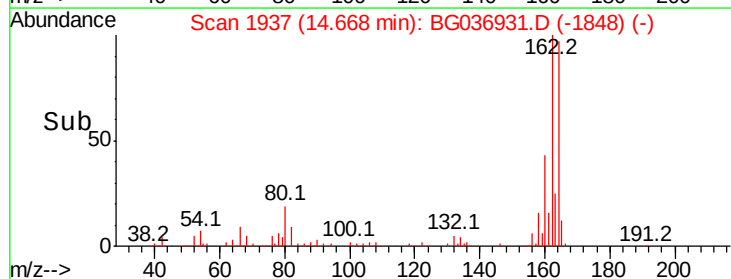
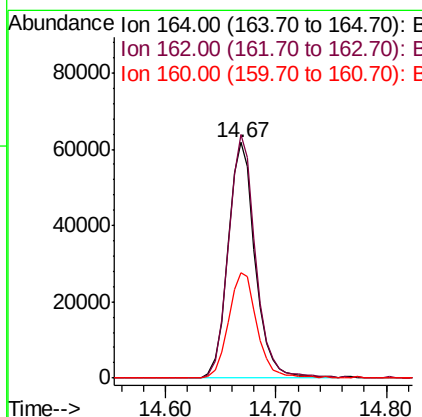
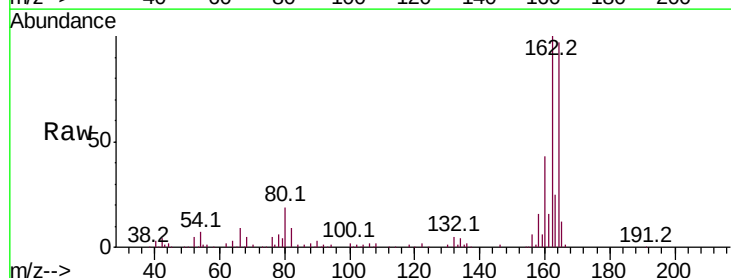
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-H

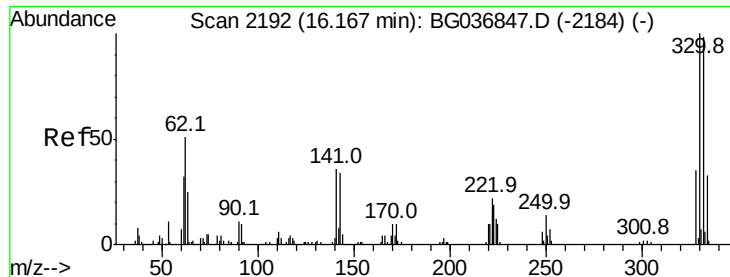
Tot Ion	82	Resp	256668
Ion Ratio	Lower	Upper	
82	100		
128	41.2	33.3	49.9
54	56.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036931.D
Acq: 24 Sep 2018 23:42

Tgt Ion	164	Resp	106730
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.7	121.1
160	44.5	35.3	52.9

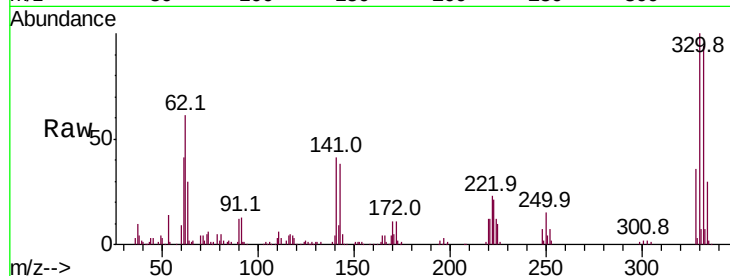




#41
 2,4,6-Tribromophenol
 Concen: 118.704 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036931.D
 Acq: 24 Sep 2018 23:42

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	40.8	30.7	46.1

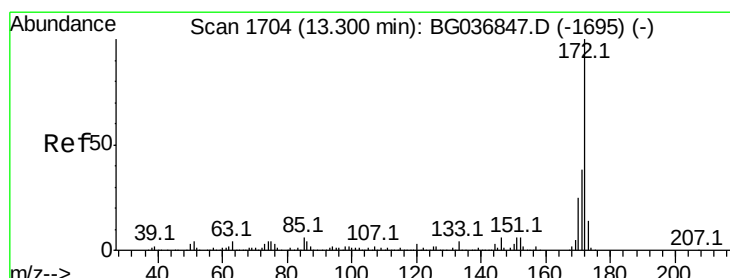
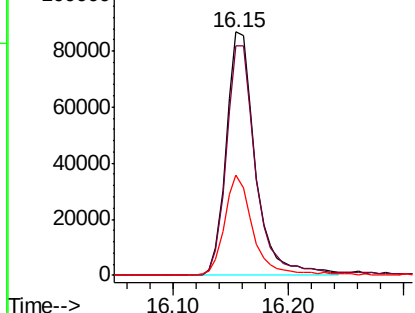
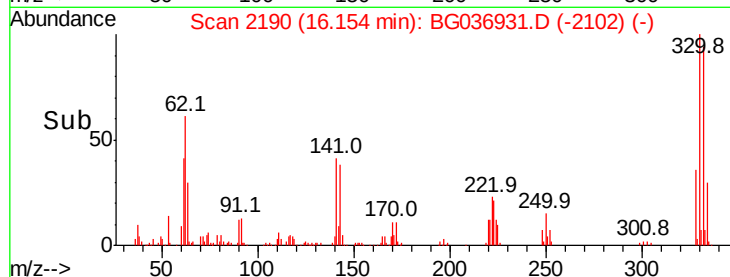


Abundance

Ion 329.80 (329.50 to 330.50): E

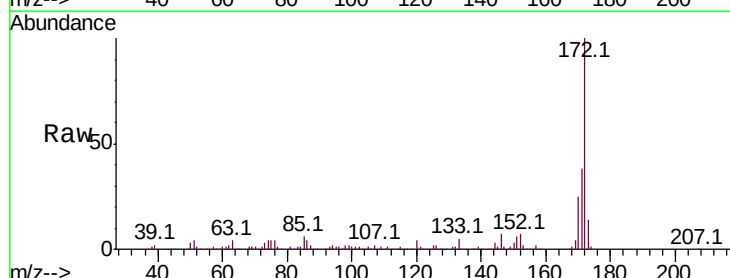
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.330 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036931.D
 Acq: 24 Sep 2018 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.3	21.0	31.6

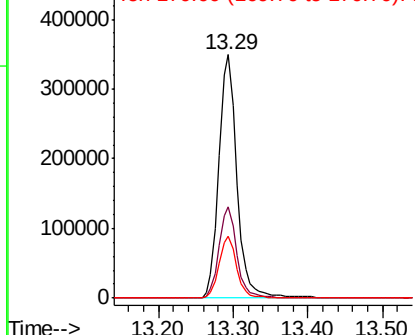
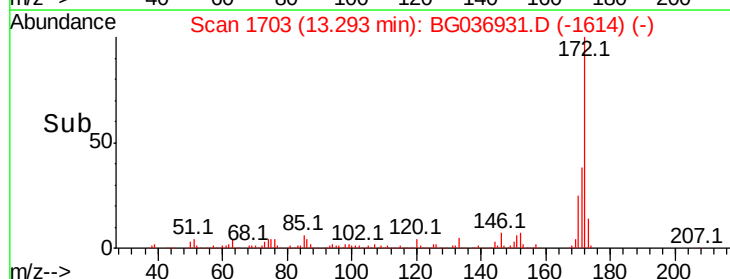


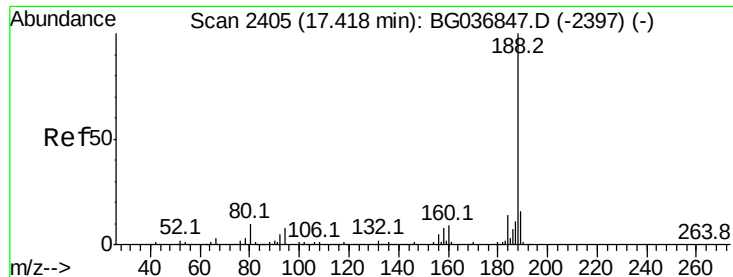
Abundance

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: BG036931.D

Acq: 24 Sep 2018 23:42

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-H

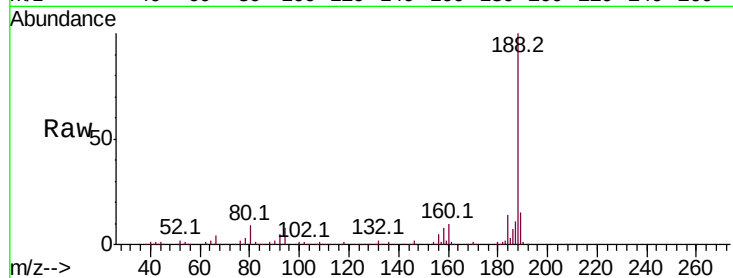
Tot Ion:188 Resp: 280169

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

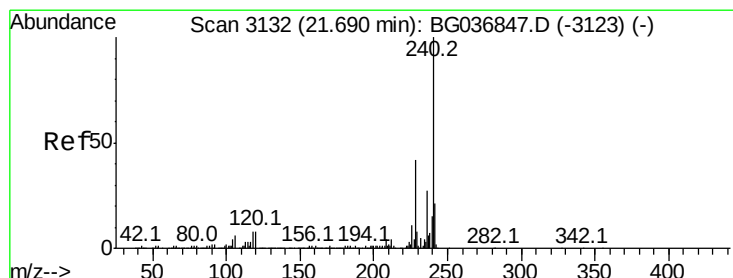
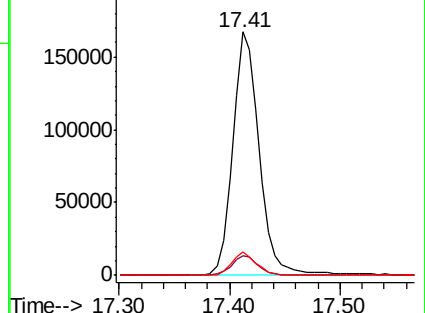
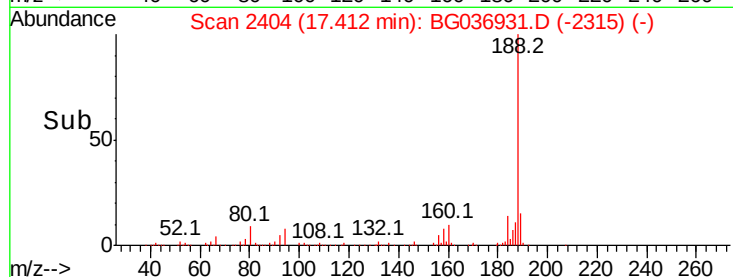
80 9.4 8.1 12.1



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: BG036931.D

Acq: 24 Sep 2018 23:42

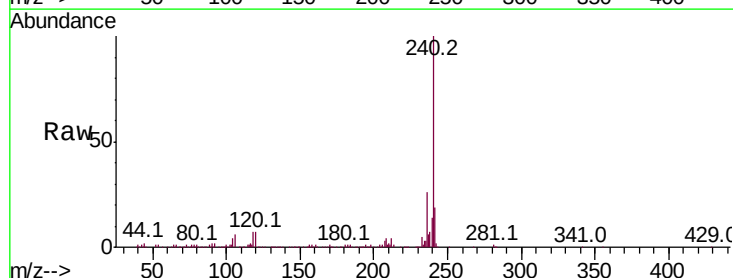
Tgt Ion:240 Resp: 302601

Ion Ratio Lower Upper

240 100

120 7.4 6.9 10.3

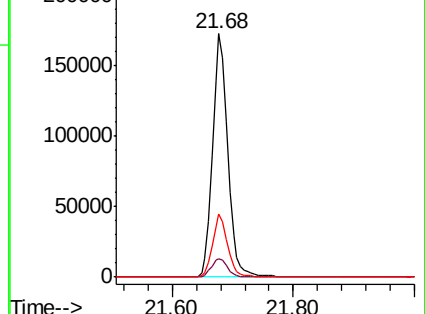
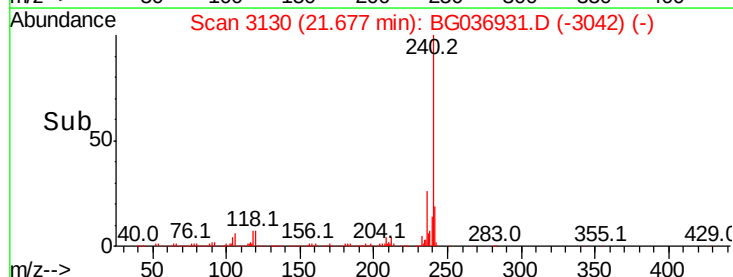
236 25.8 21.2 31.8

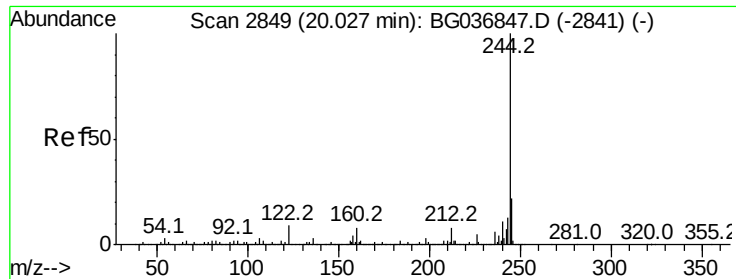


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.083 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036931.D

Acq: 24 Sep 2018 23:42

Instrument :

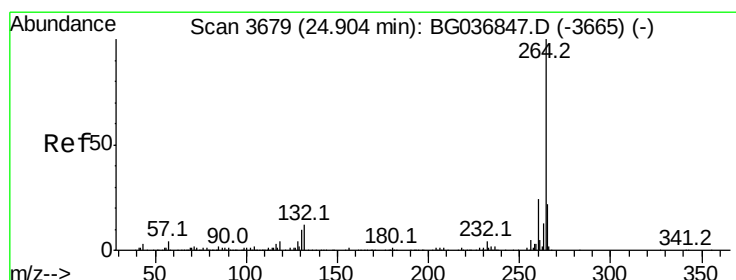
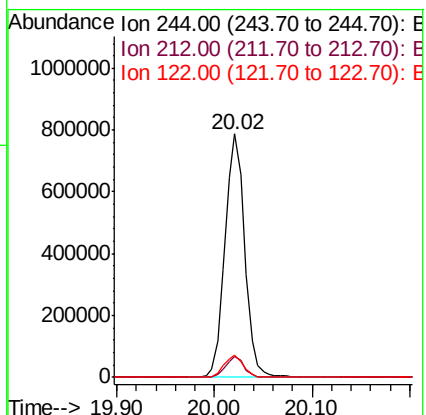
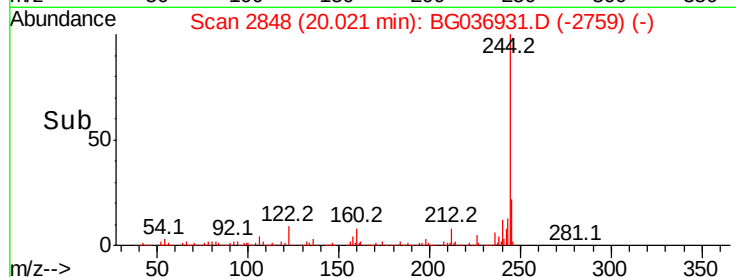
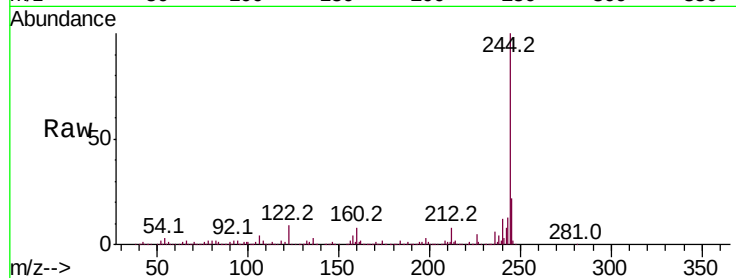
BNA_G

ClientSampleId :

JC-02-092118-H

Tot Ion:244 Resp: 1105720

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.2	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: BG036931.D

Acq: 24 Sep 2018 23:42

Tgt Ion:264 Resp: 293326

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.9	17.4	26.0

