

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036291.D
 Acq On : 11 Aug 2018 7:13
 Operator : JU/SJ
 Sample : J4412-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080718-TIPC-E-U-M

Quant Time: Aug 13 01:03:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

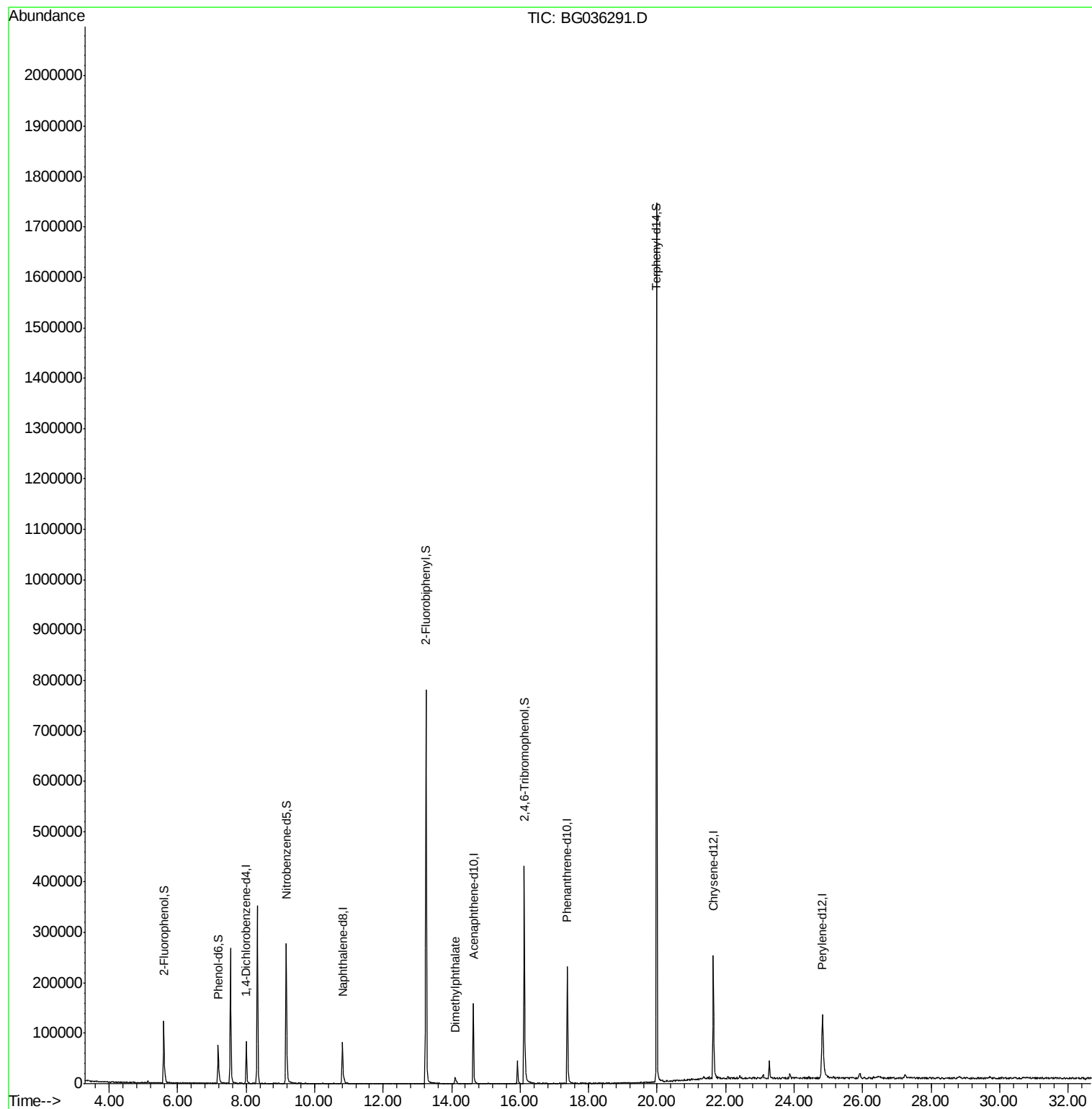
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	23361	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84552	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	61414	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	177702	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	187225	20.00	ng	-0.02
86) Perylene-d12	24.83	264	169050	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	63770	45.32	ng	-0.01
7) Phenol-d6	7.18	99	57084	27.19	ng	-0.02
23) Nitrobenzene-d5	9.17	82	211411	104.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	96949	119.77	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	472695	103.12	ng	-0.02
78) Terphenyl-d14	19.99	244	895441	105.43	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	17085	3.175	ng	Qvalue # 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036291.D

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Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-U-M

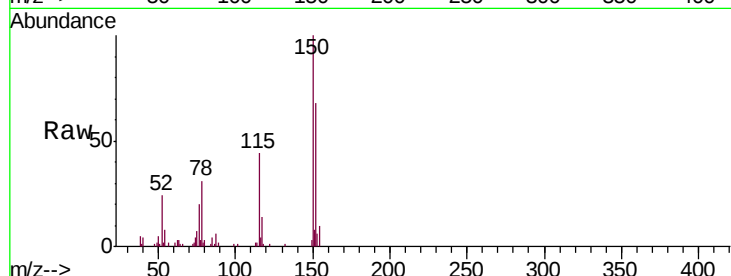
Tgt Ion:152 Resp: 23361

Ion Ratio Lower Upper

152 100

150 147.8 126.6 189.8

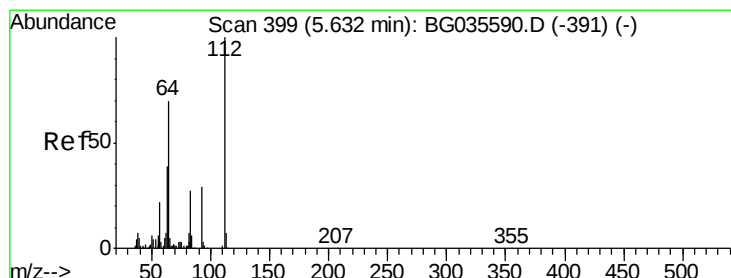
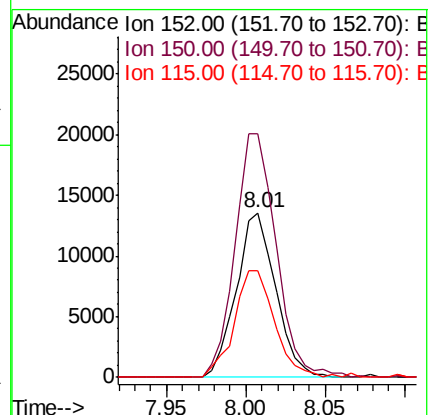
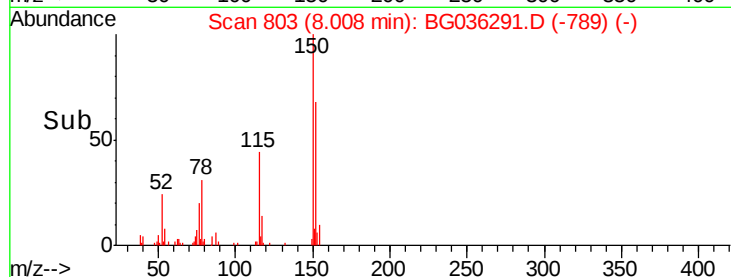
115 64.8 53.0 79.4



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: 45.320 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

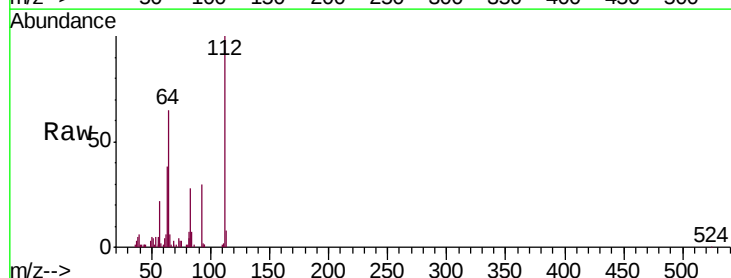
Tgt Ion:112 Resp: 63770

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

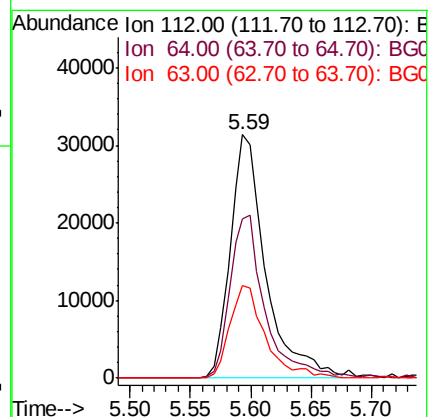
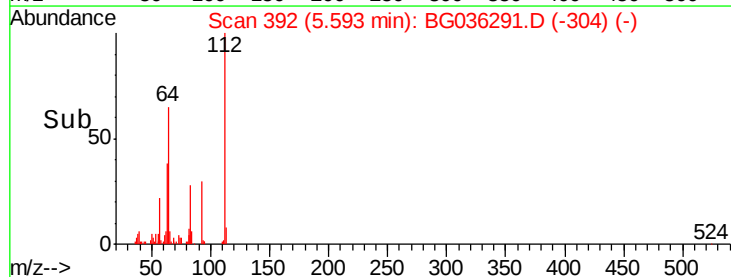
63 37.9 30.1 45.1

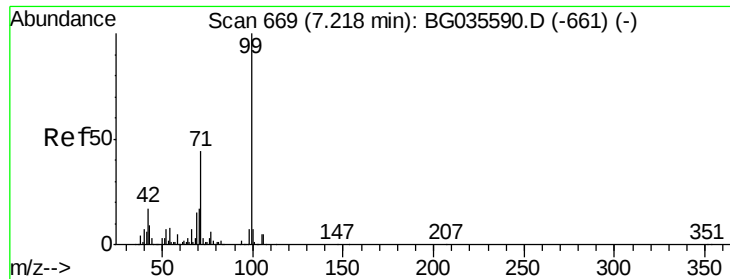


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 27.191 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-U-M

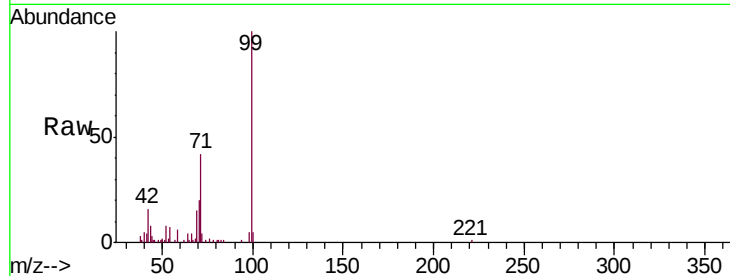
Tgt Ion: 99 Resp: 57084

Ion Ratio Lower Upper

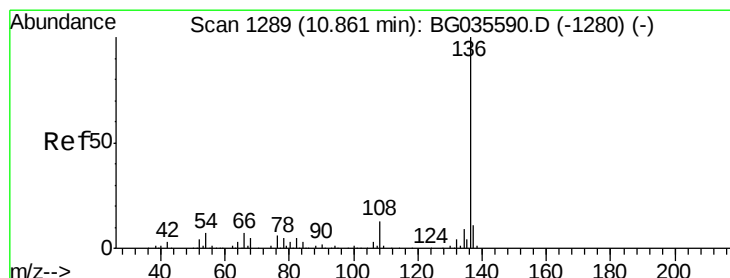
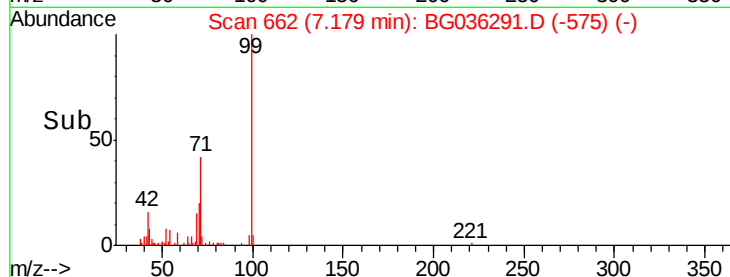
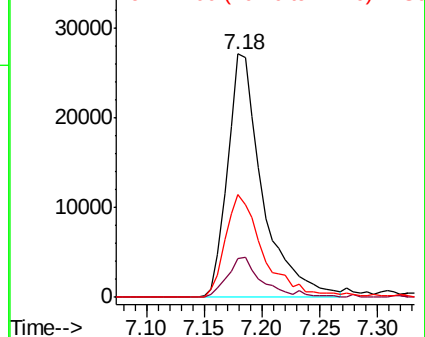
99 100

42 16.1 14.1 21.1

71 42.1 26.1 39.1#



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: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

Tgt Ion: 136 Resp: 84552

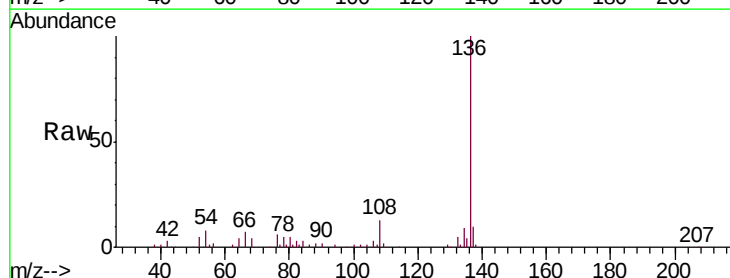
Ion Ratio Lower Upper

136 100

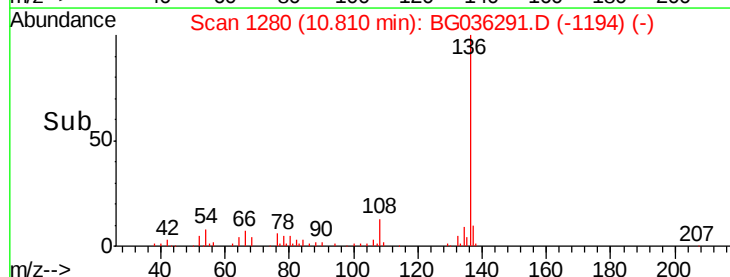
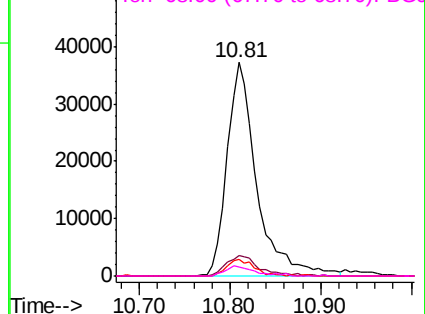
137 9.9 9.2 13.8

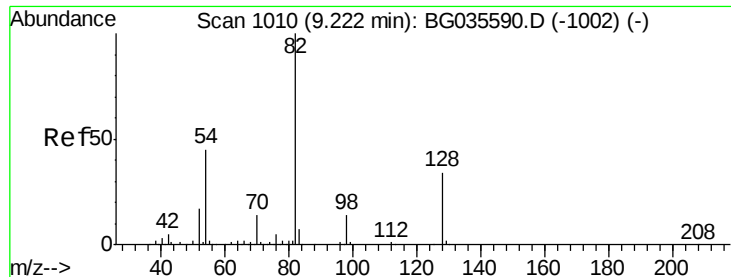
54 8.0 10.3 15.5#

68 4.1 4.5 6.7#



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

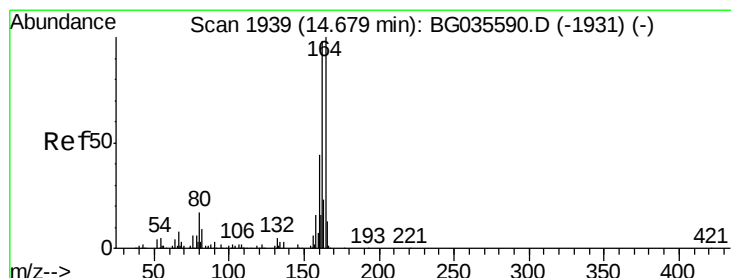
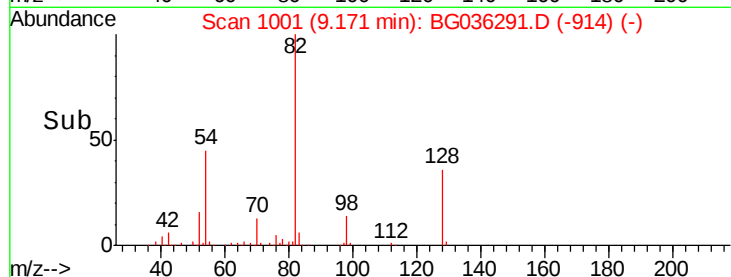
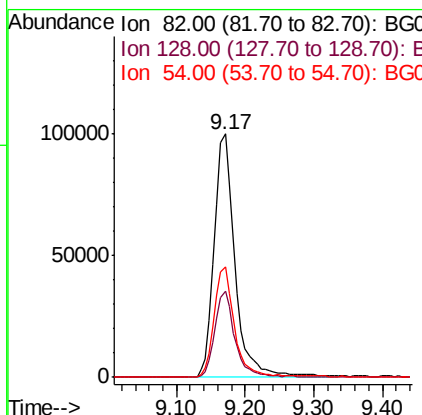
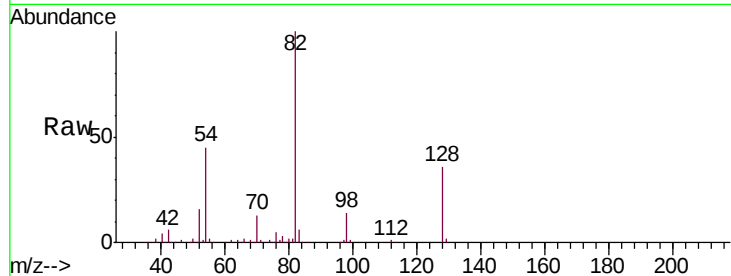




#23
 Nitrobenzene-d5
 Concen: 104.452 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036291.D
 Acq: 11 Aug 2018 7:13

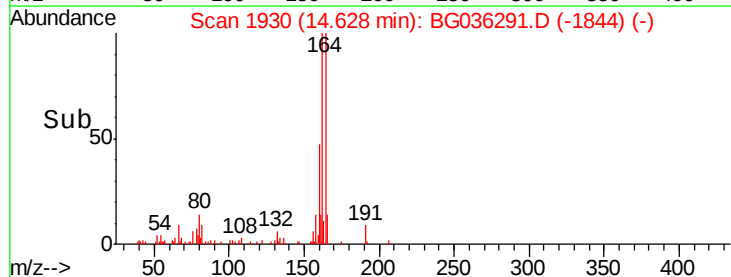
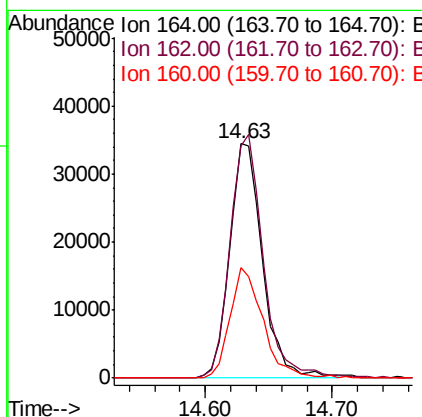
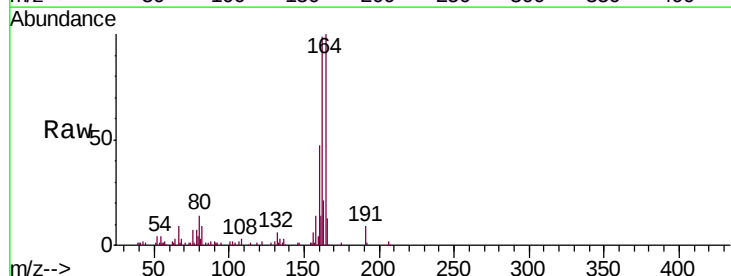
Instrument :
 BNA_G
 ClientSampleId :
 080718-TIPC-E-U-M

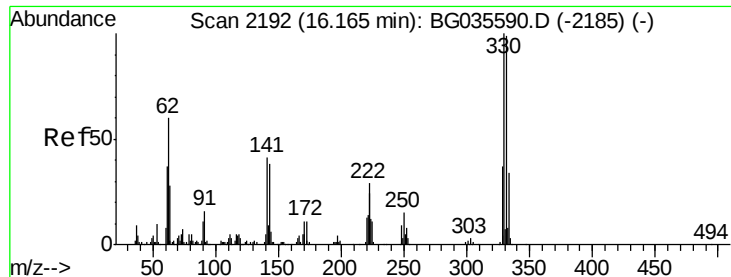
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	45.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG036291.D
 Acq: 11 Aug 2018 7:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	47.0	35.4	53.0

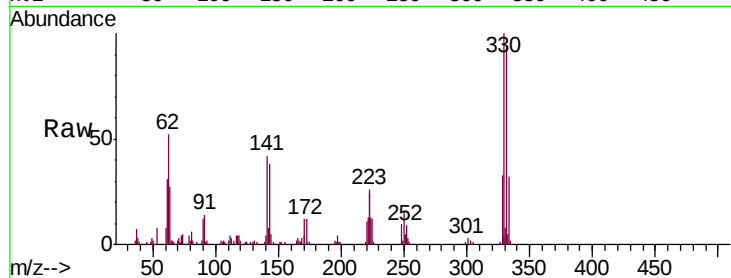




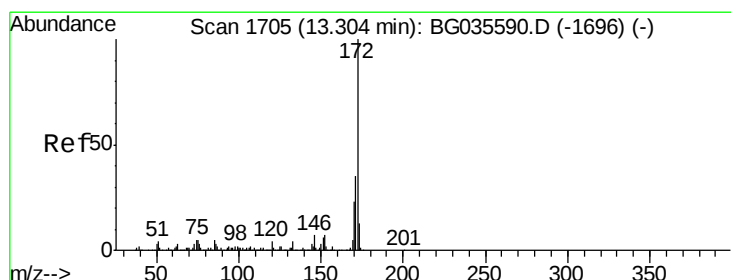
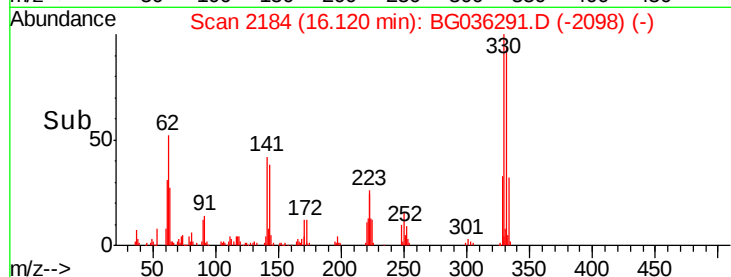
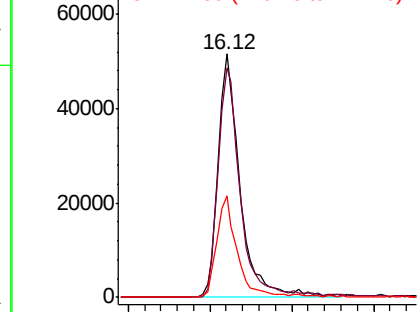
#41
 2,4,6-Tribromophenol
 Concen: 119.768 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: BG036291.D
 Acq: 11 Aug 2018 7:13

Instrument :
 BNA_G
 ClientSampleId :
 080718-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	38.1	25.2	37.8#

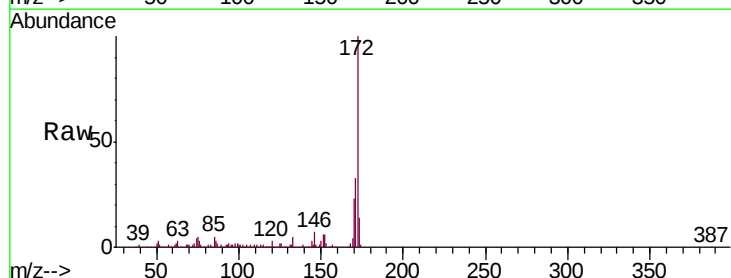


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

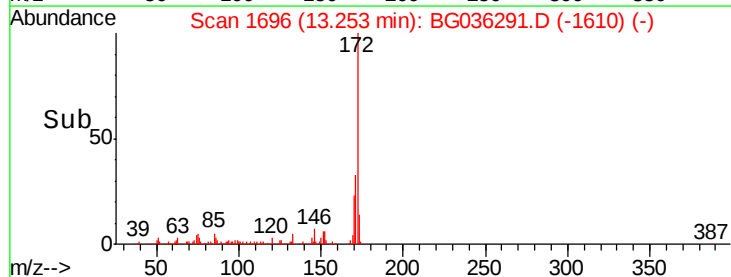
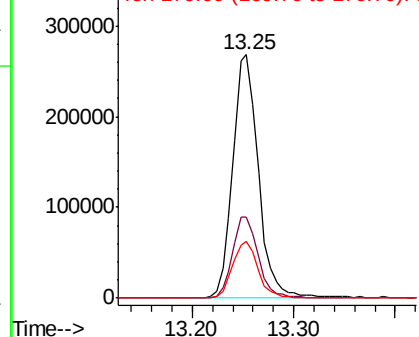


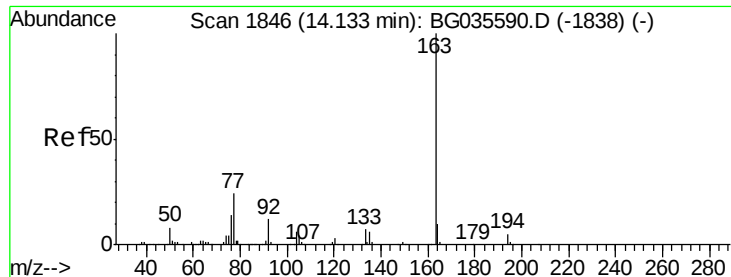
#44
 2-Fluorobiphenyl
 Concen: 103.118 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036291.D
 Acq: 11 Aug 2018 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	23.4	19.5	29.3



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





#49

Dimethylphthalate

Concen: 3.175 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-U-M

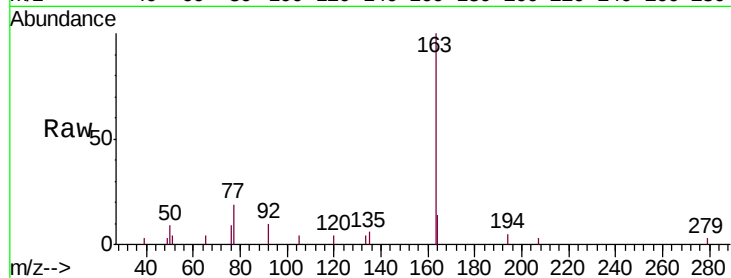
Tgt Ion:163 Resp: 17085

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

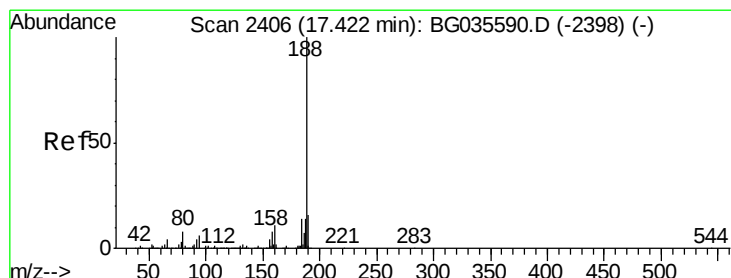
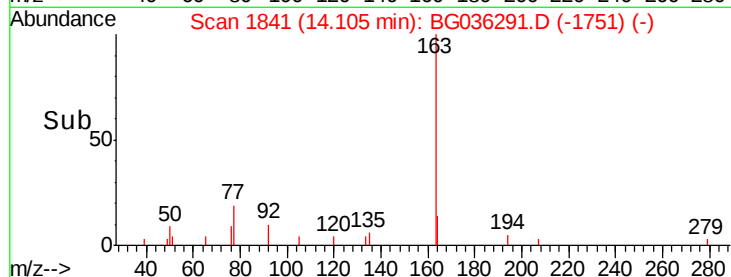
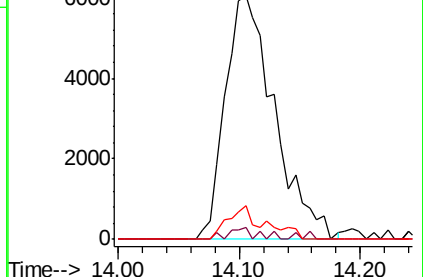
164 13.7 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

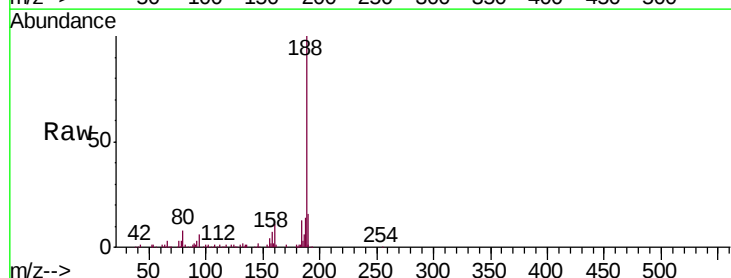
Tgt Ion:188 Resp: 177702

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

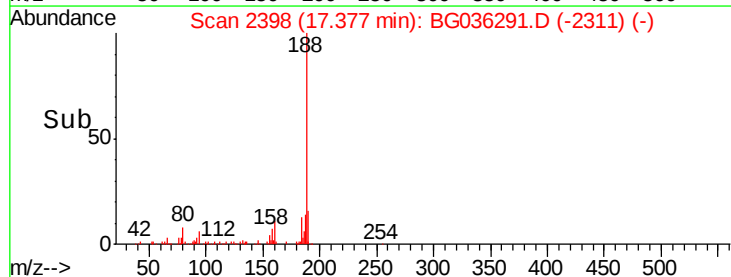
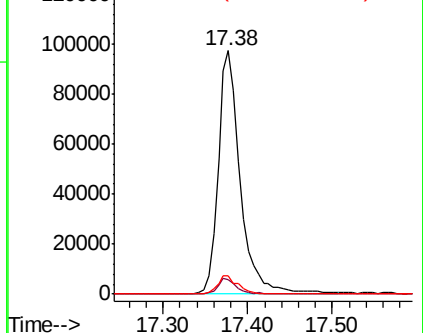
80 7.5 7.7 11.5#

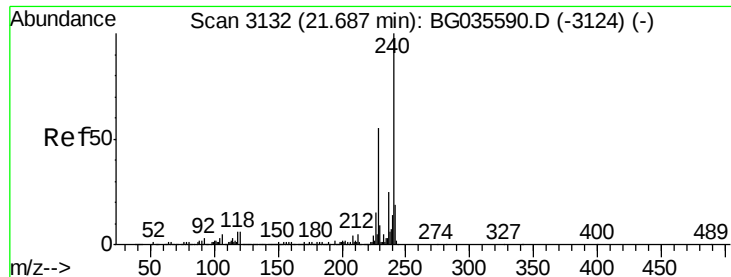


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

Instrument :

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ClientSampleId :

080718-TIPC-E-U-M

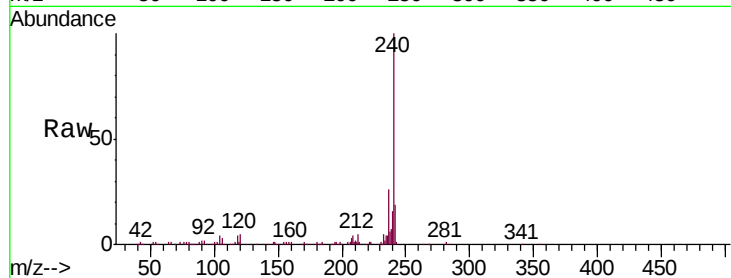
Tgt Ion:240 Resp: 187225

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

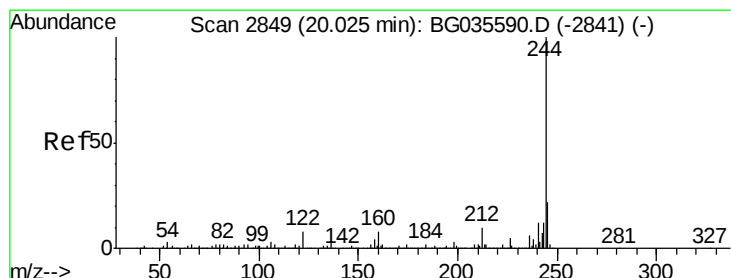
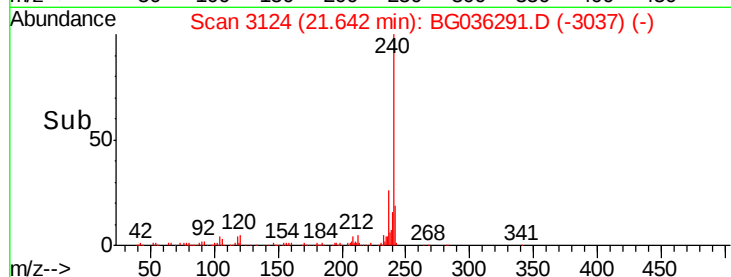
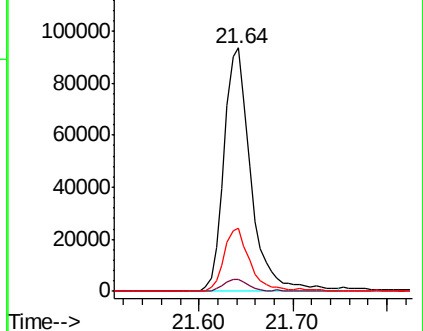
236 25.8 20.9 31.3



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: 105.425 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036291.D

Acq: 11 Aug 2018 7:13

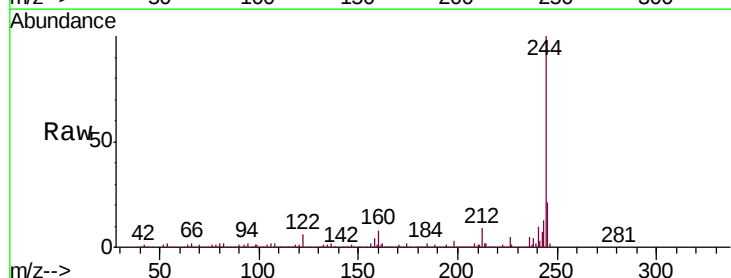
Tgt Ion:244 Resp: 895441

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

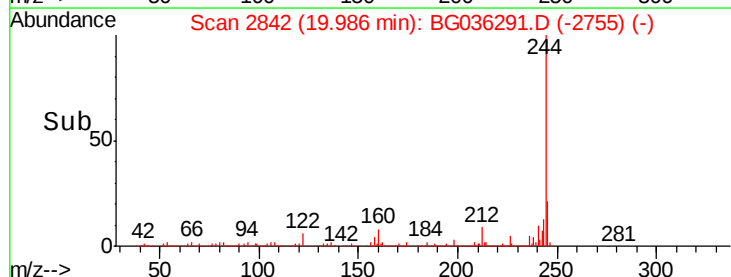
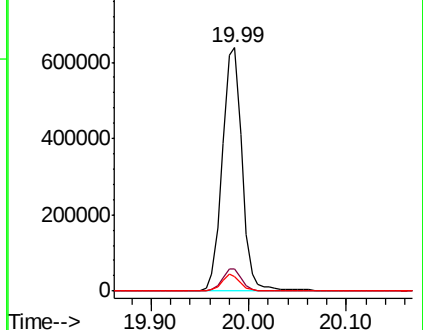
122 5.8 7.0 10.4#

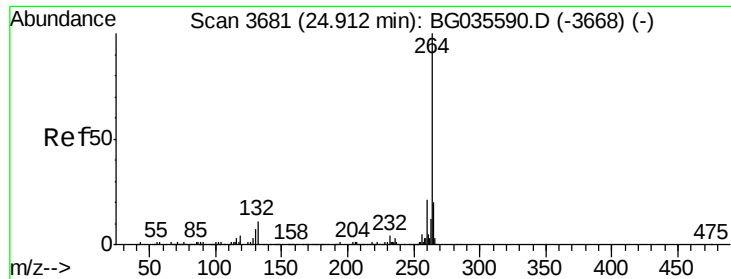


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036291.D
Acq: 11 Aug 2018 7:13

Instrument :
BNA_G
ClientSampleId :
080718-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.2	17.7	26.5

