

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036228.D
 Acq On : 9 Aug 2018 11:45
 Operator : JU/SJ
 Sample : J4330-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-B

Quant Time: Aug 09 13:12:13 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	27389	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	99123	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	73339	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	206039	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	215992	20.00	ng	-0.02
86) Perylene-d12	24.82	264	204418	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	71299	43.22	ng	0.00
7) Phenol-d6	7.18	99	58912	23.93	ng	-0.01
23) Nitrobenzene-d5	9.17	82	229988	96.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	106669	110.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	529238	96.68	ng	-0.02
78) Terphenyl-d14	19.98	244	931225	95.04	ng	-0.02

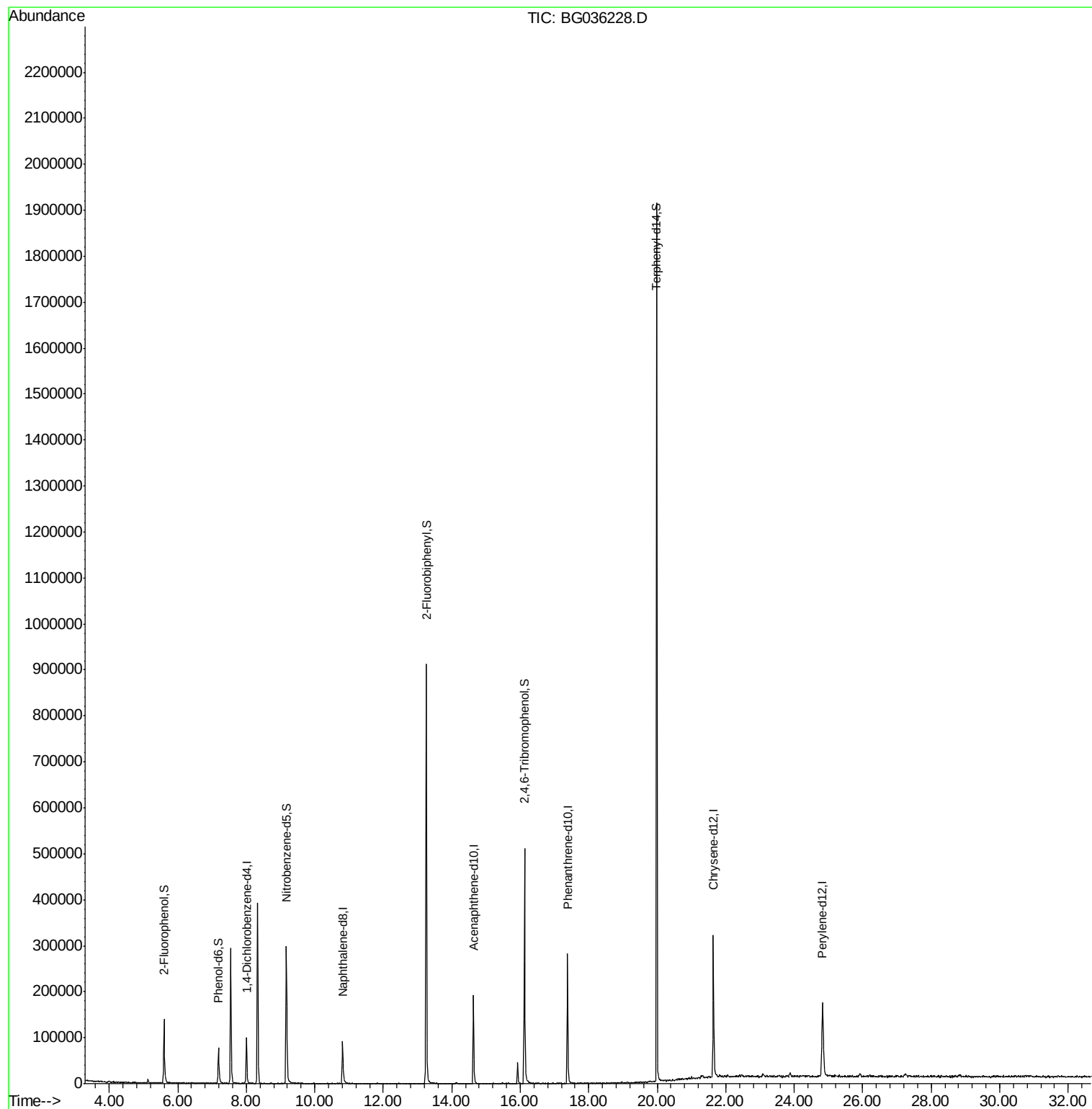
Target Compounds Qvalue

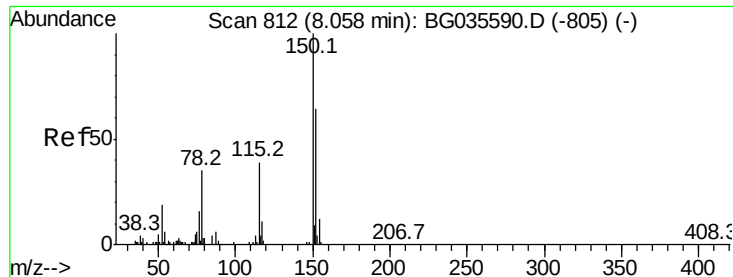
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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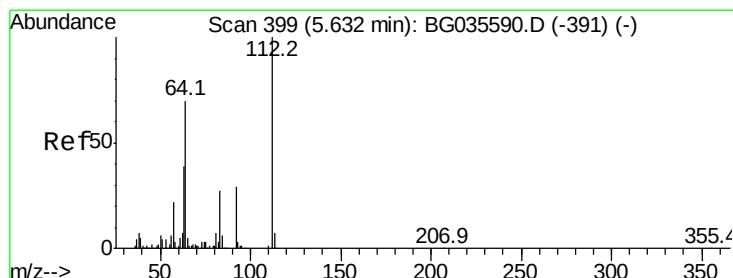
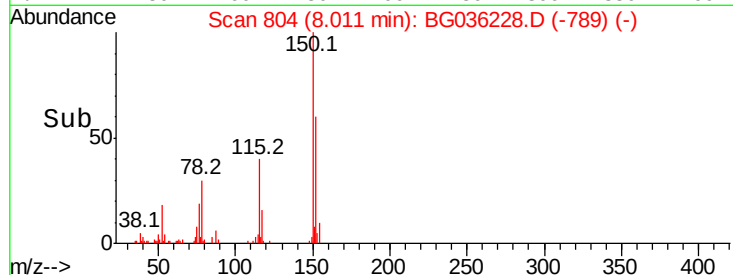
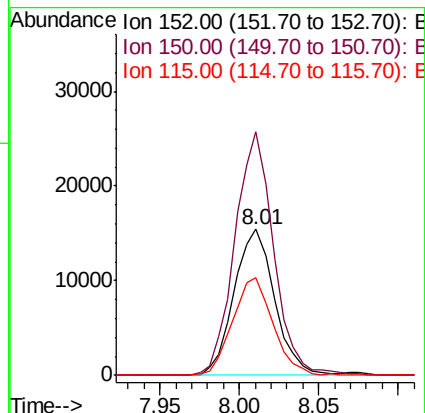
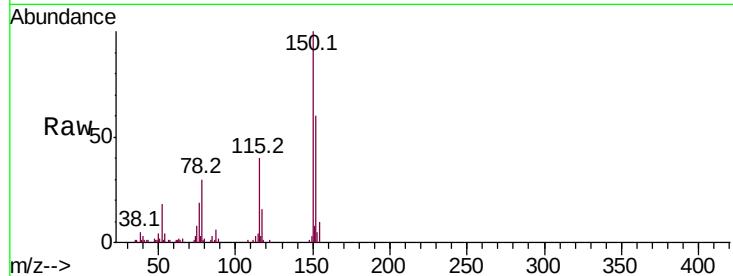


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-U-B

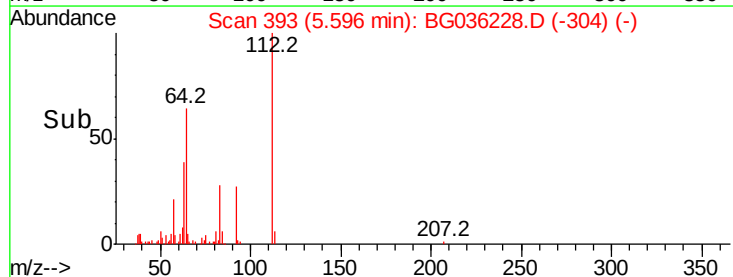
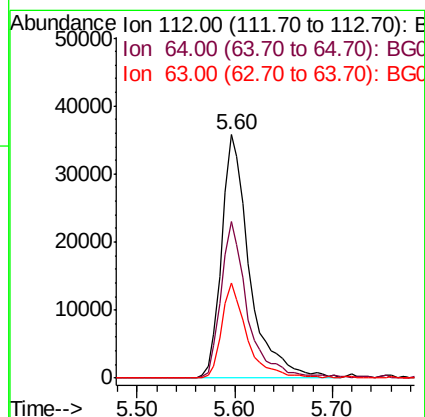
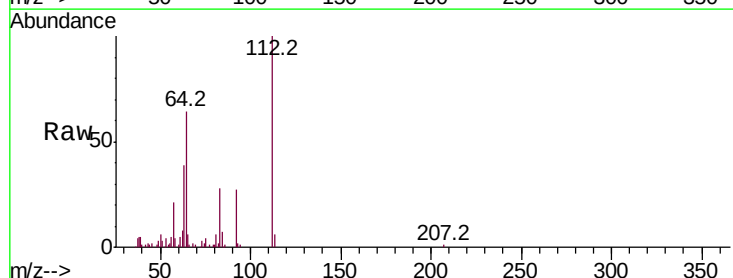
Tot Ion:152 Resp: 27389
Ion Ratio Lower Upper
152 100
150 166.9 126.6 189.8
115 67.3 53.0 79.4

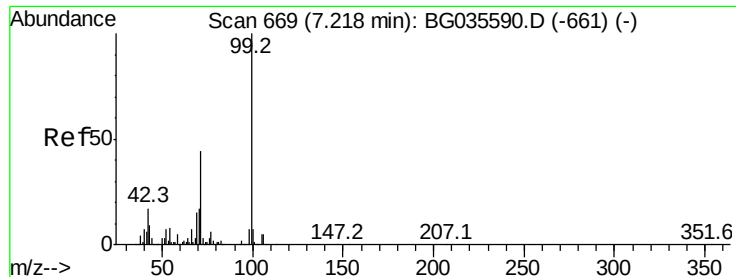


#5

2-Fluorophenol
Concen: 43.219 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036228.D
Acq: 9 Aug 2018 11:45

Tgt Ion:112 Resp: 71299
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 39.0 30.1 45.1





#7

Phenol-d6

Concen: 23.935 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-B

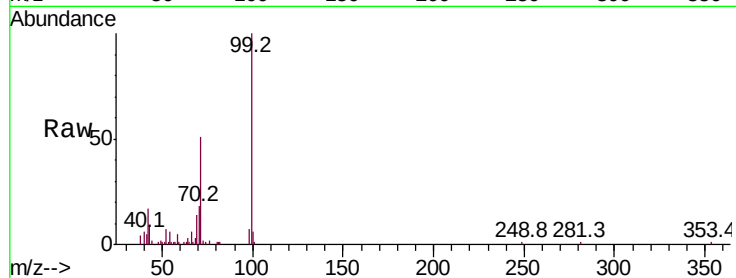
Tot Ion: 99 Resp: 58912

Ion Ratio Lower Upper

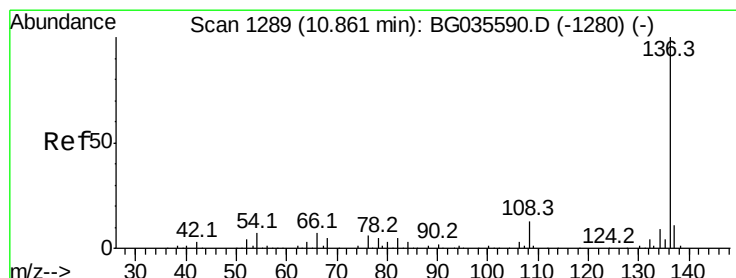
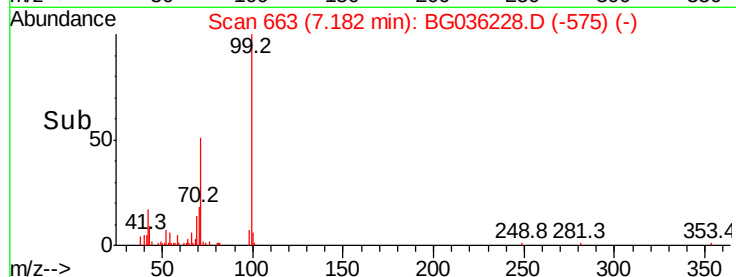
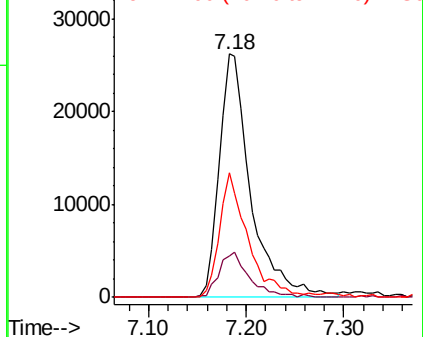
99 100

42 17.2 14.1 21.1

71 51.0 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# 1281

Delta R.T. -0.02 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Tgt Ion: 136 Resp: 99123

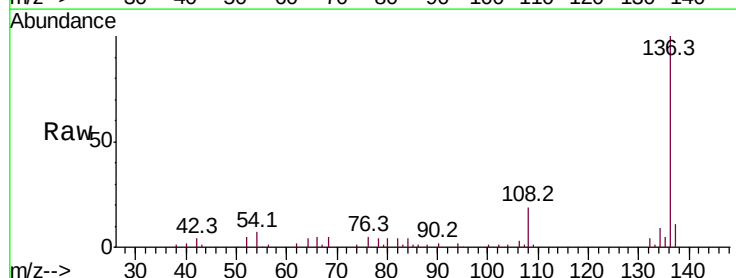
Ion Ratio Lower Upper

136 100

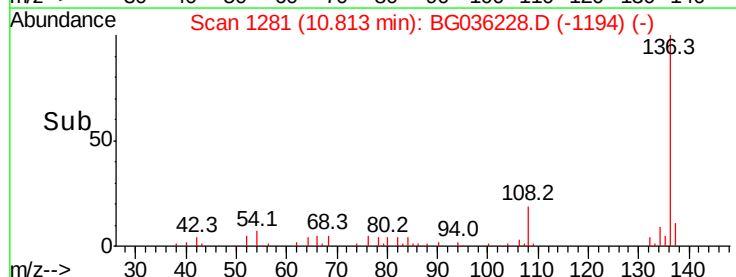
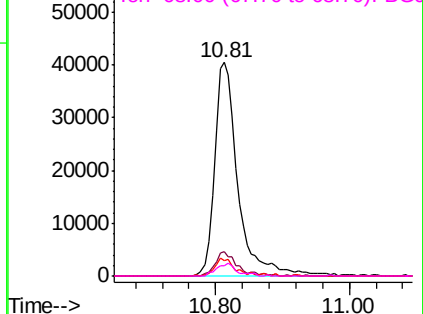
137 11.5 9.2 13.8

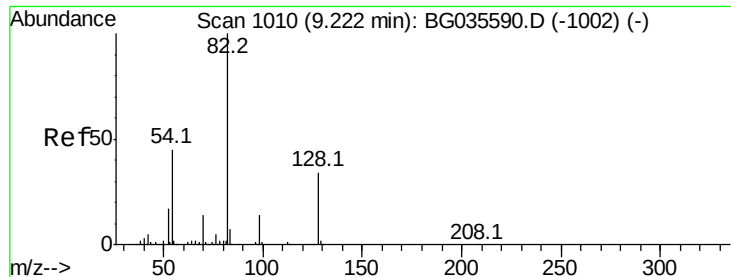
54 7.3 10.3 15.5#

68 5.0 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

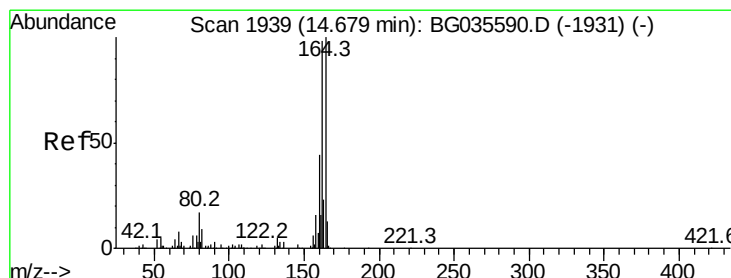
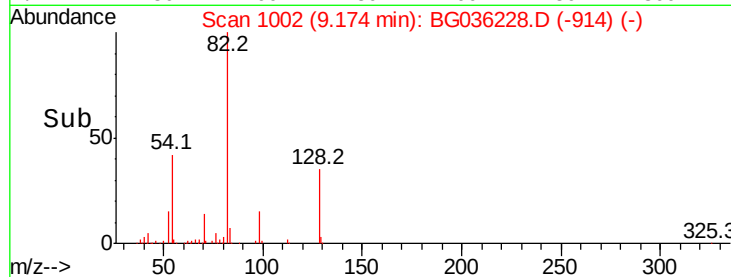
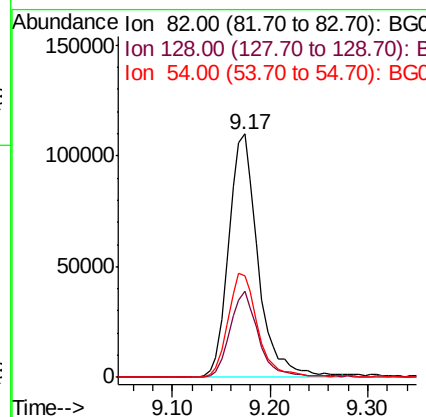
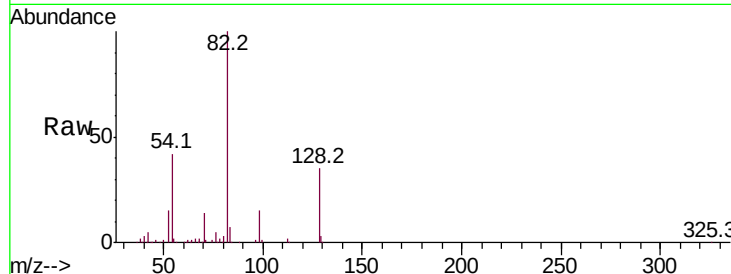




#23
 Nitrobenzene-d5
 Concen: 96.927 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

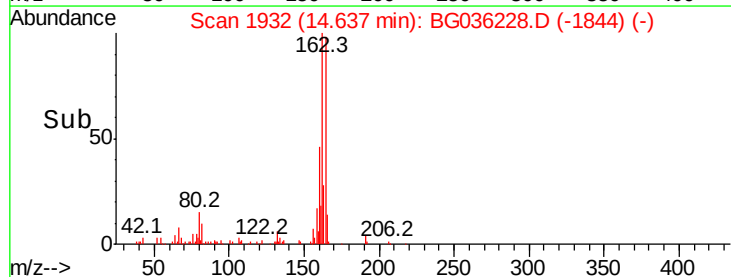
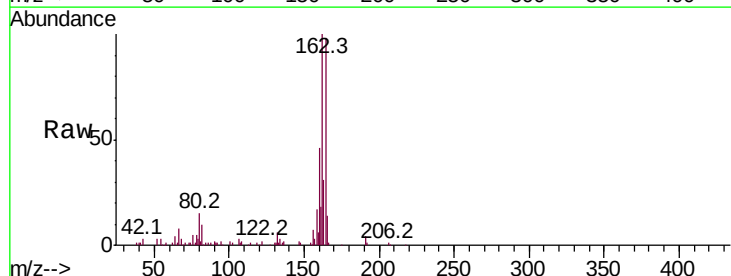
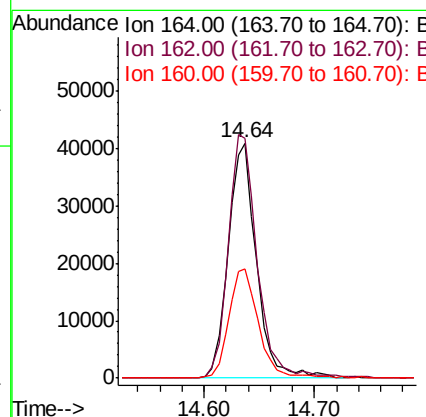
Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-B

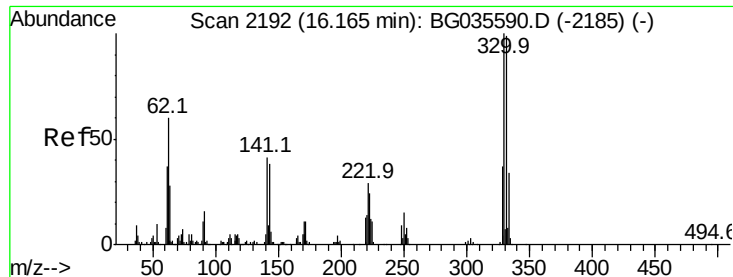
Tot Ion	82	Resp	229988
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion	164	Resp	73339
Ion Ratio	Lower	Upper	
164	100		
162	101.9	78.8	118.2
160	46.5	35.4	53.0

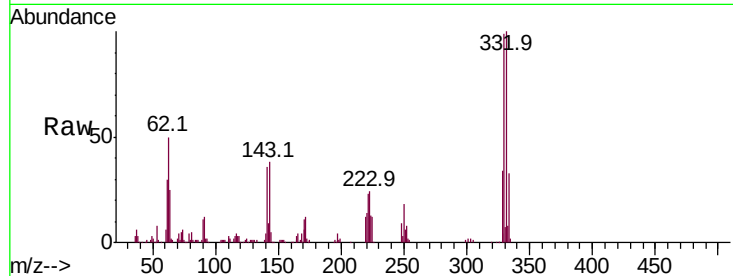




#41
 2,4,6-Tribromophenol
 Concen: 110.349 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	38.7	25.2	37.8#

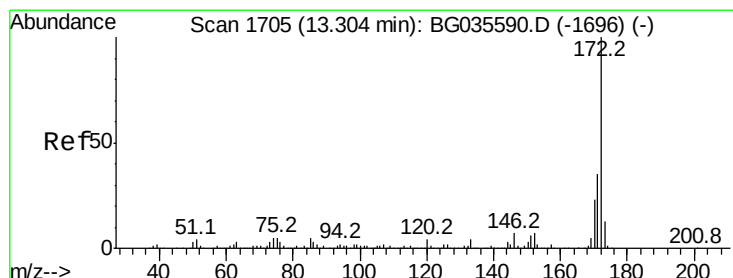
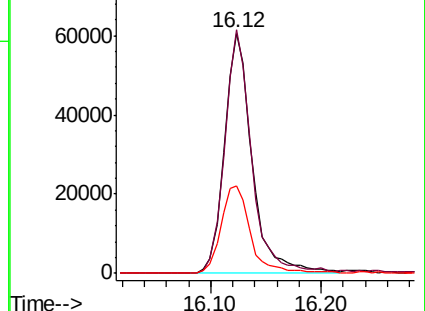
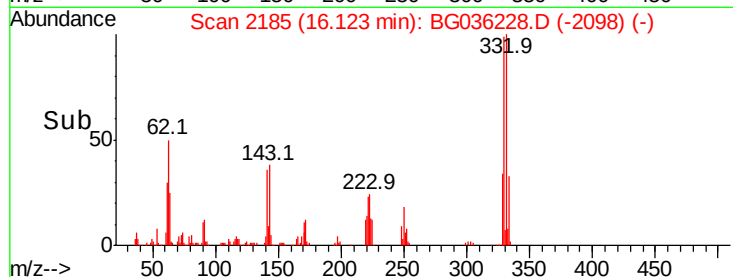


Abundance

Ion 329.80 (329.50 to 330.50): E

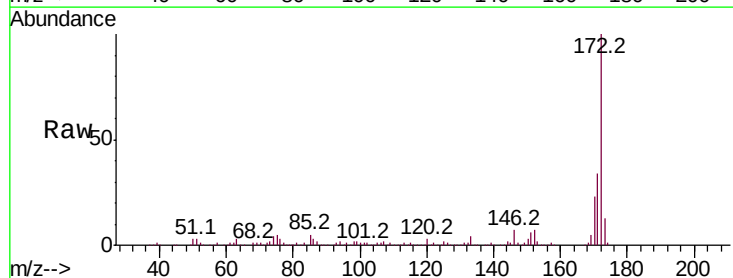
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.680 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.7	19.5	29.3

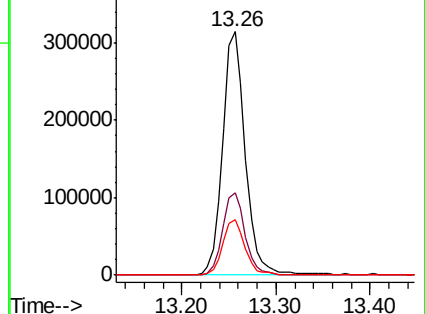
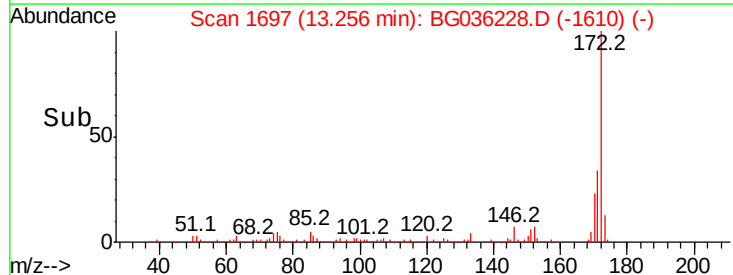


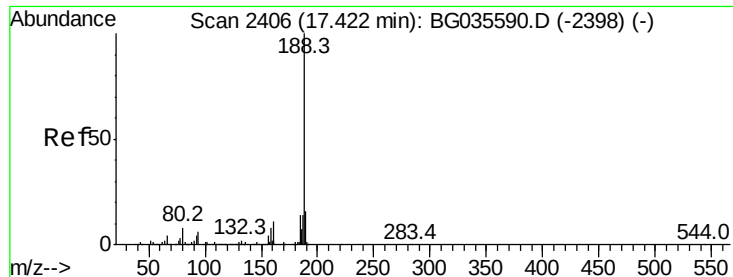
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-B

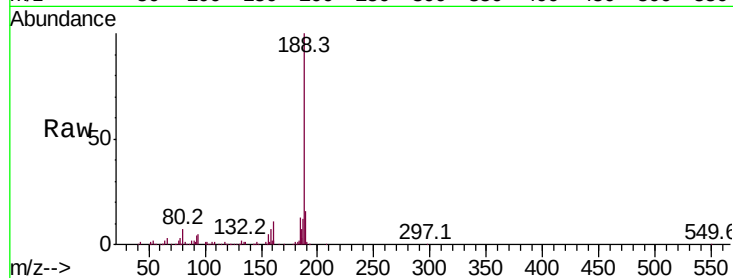
Tot Ion:188 Resp: 206039

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

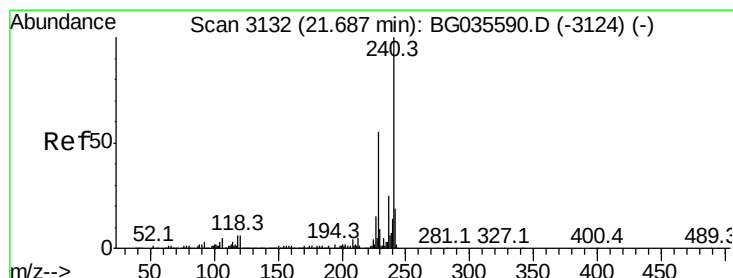
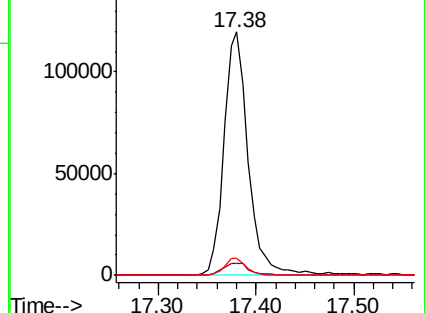
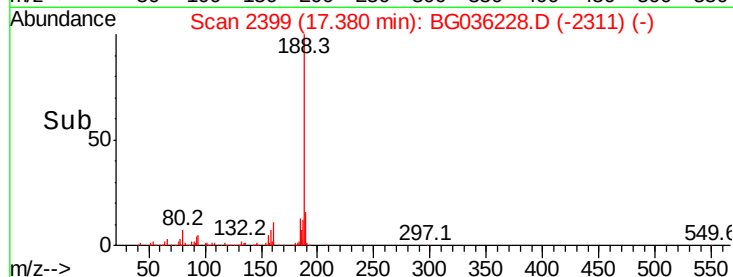
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036228.D

Acq: 9 Aug 2018 11:45

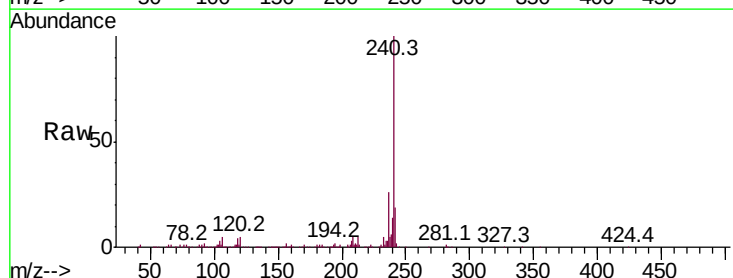
Tgt Ion:240 Resp: 215992

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

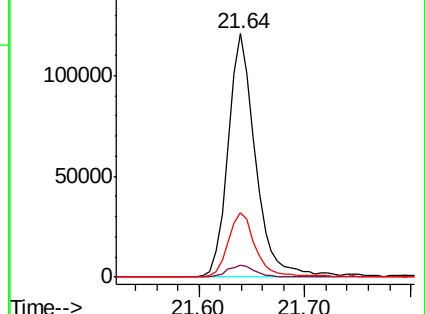
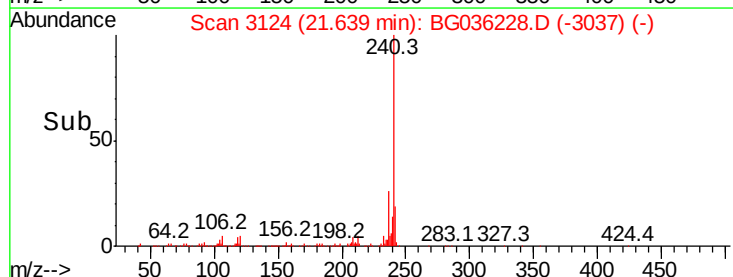
236 26.4 20.9 31.3

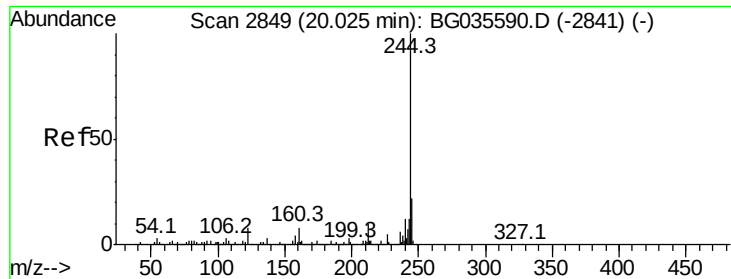


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

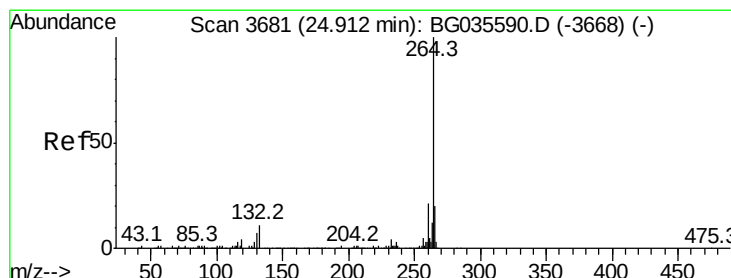
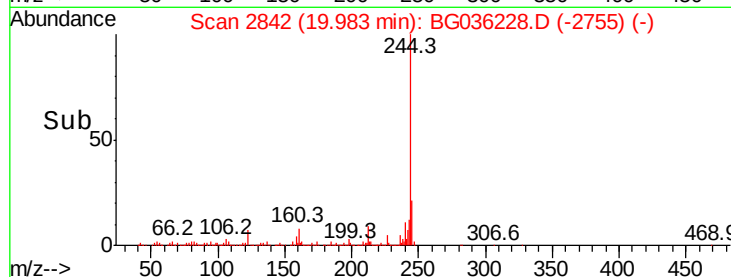
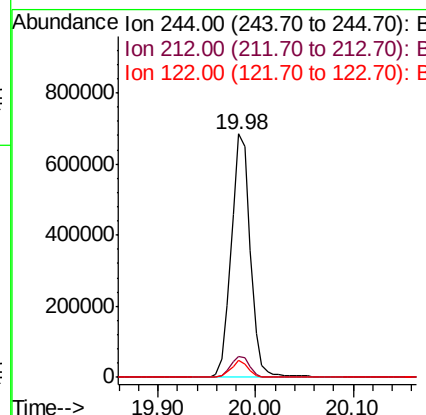
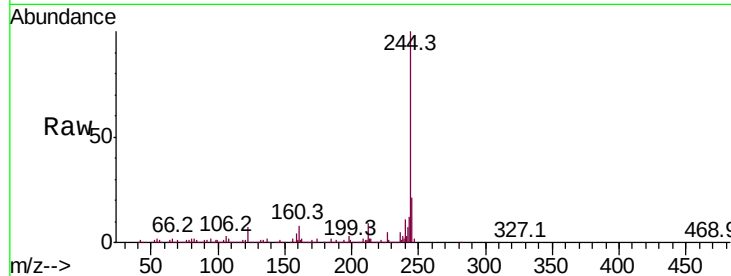




#78
 Terphenyl-d14
 Concen: 95.036 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Instrument :
 BNA_G
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Tot Ion:244 Resp: 931225
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036228.D
 Acq: 9 Aug 2018 11:45

Tgt Ion:264 Resp: 204418
 Ion Ratio Lower Upper
 264 100
 260 26.6 17.4 26.0#
 265 22.4 17.7 26.5

