

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036229.D
 Acq On : 9 Aug 2018 12:24
 Operator : JU/SJ
 Sample : J4330-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Aug 09 13:15:37 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	29229	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100532	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	75349	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	208211	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	220260	20.00	ng	-0.02
86) Perylene-d12	24.83	264	206365	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	77974	44.29	ng	0.00
7) Phenol-d6	7.18	99	67750	25.79	ng	-0.01
23) Nitrobenzene-d5	9.17	82	245137	101.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	108054	108.80	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	561728	99.88	ng	-0.02
78) Terphenyl-d14	19.98	244	965038	96.58	ng	-0.02

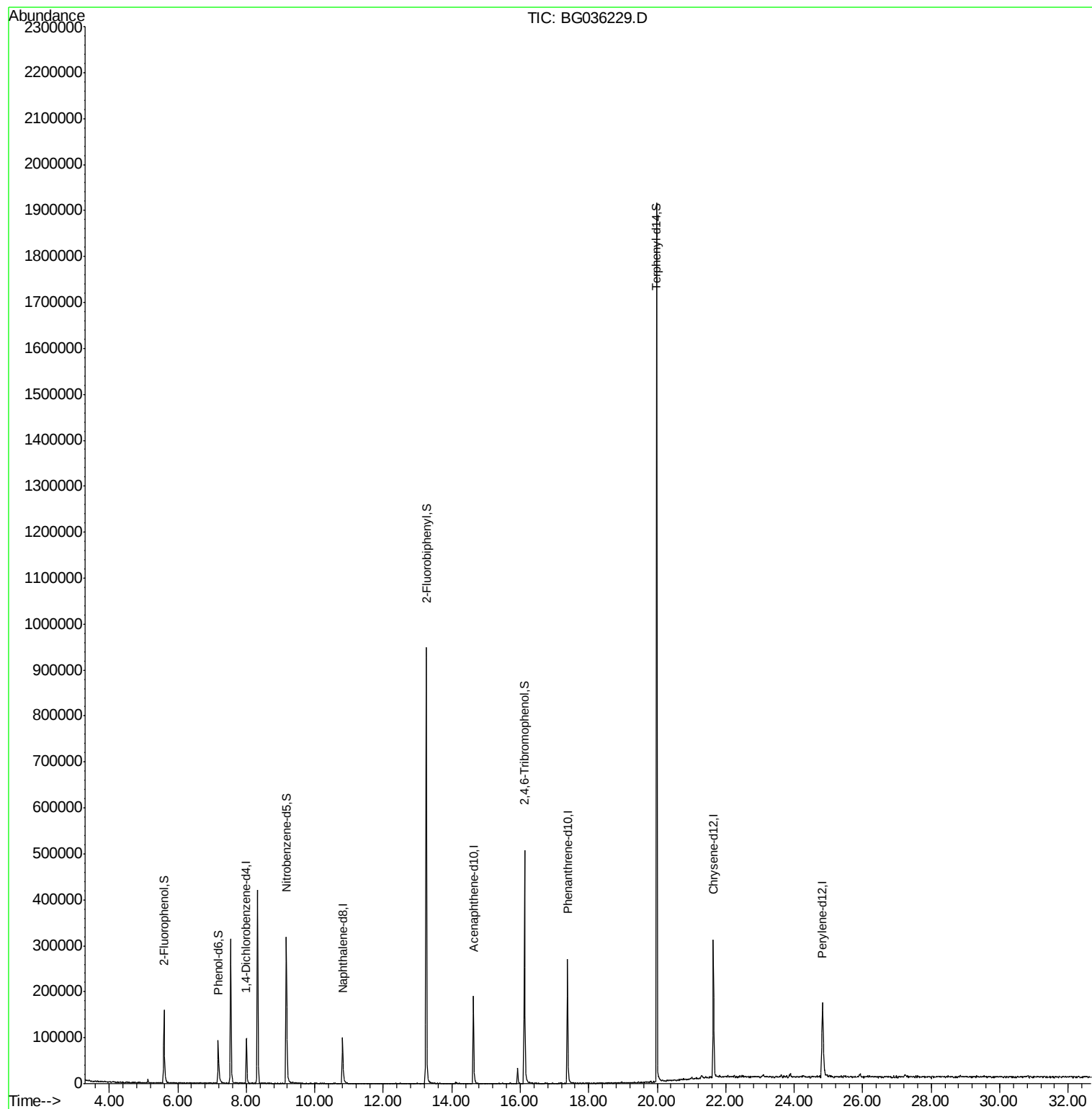
Target Compounds Qvalue

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

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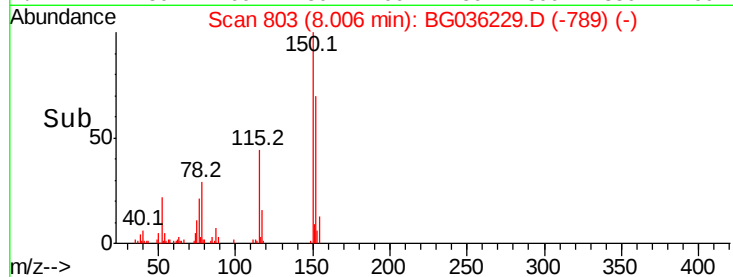
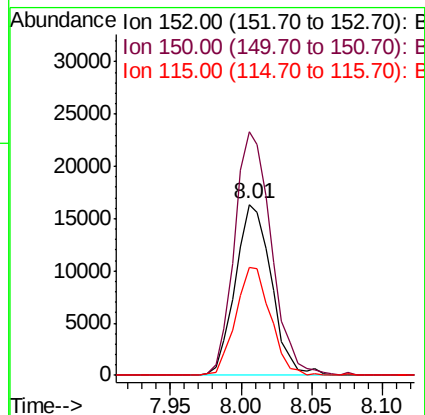
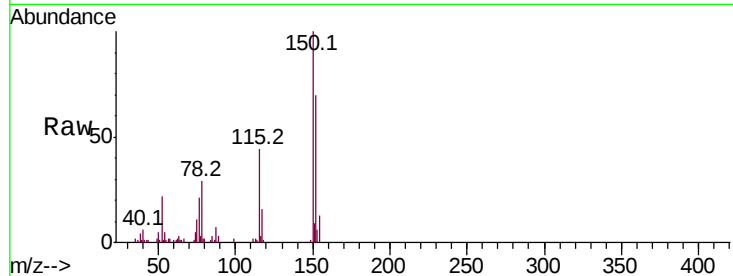


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036229.D
Acq: 9 Aug 2018 12:24

Instrument :
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ClientSampleId :
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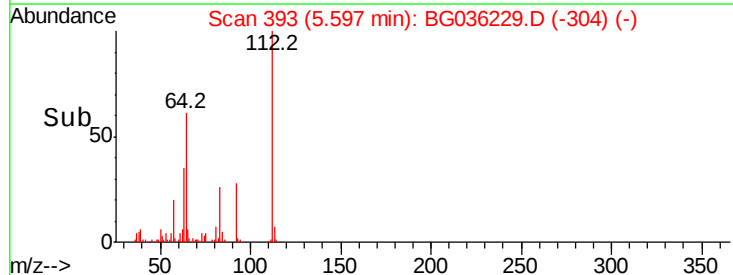
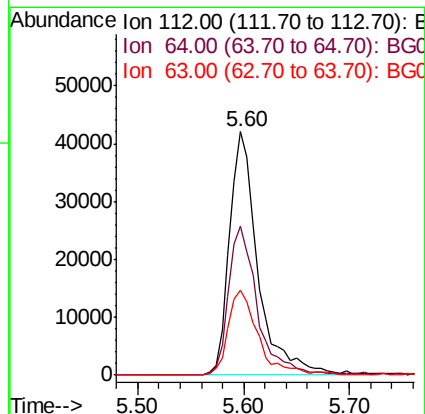
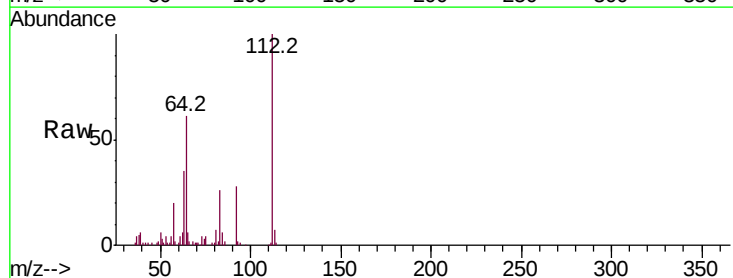
Tot Ion:152 Resp: 29229
Ion Ratio Lower Upper
152 100
150 142.5 126.6 189.8
115 63.0 53.0 79.4



#5

2-Fluorophenol
Concen: 44.290 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036229.D
Acq: 9 Aug 2018 12:24

Tgt Ion:112 Resp: 77974
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 25.793 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036229.D

Acq: 9 Aug 2018 12:24

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-S

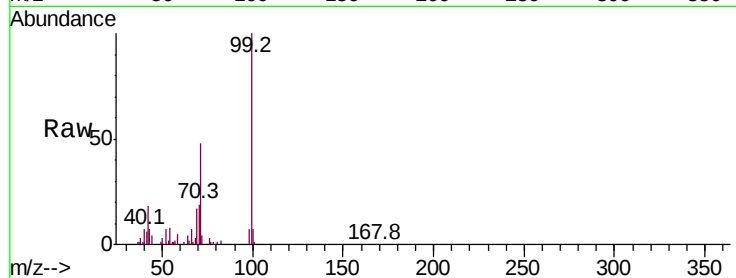
Tot Ion: 99 Resp: 67750

Ion Ratio Lower Upper

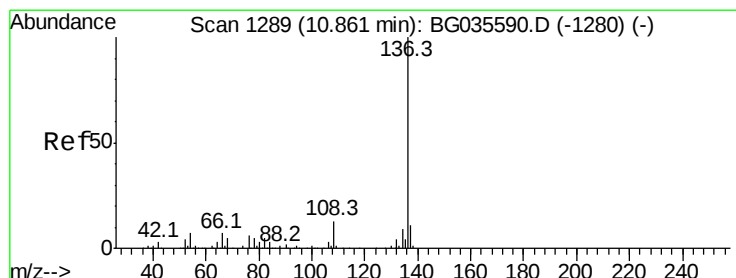
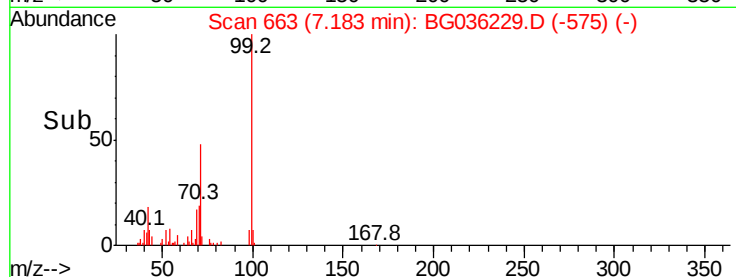
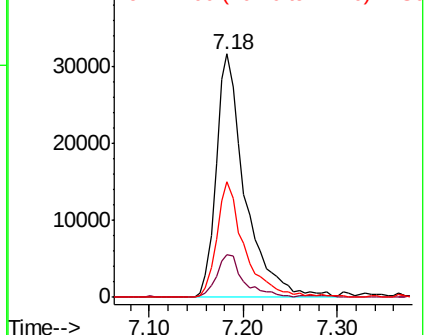
99 100

42 17.6 14.1 21.1

71 47.6 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: BG036229.D

Acq: 9 Aug 2018 12:24

Tgt Ion: 136 Resp: 100532

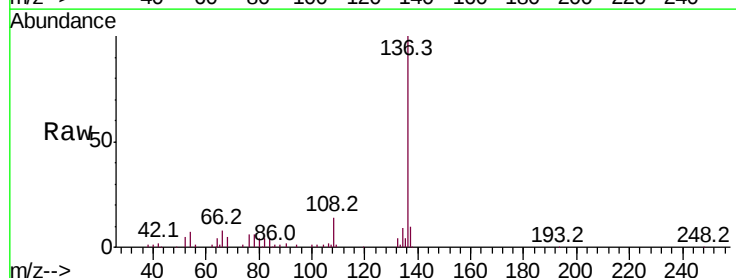
Ion Ratio Lower Upper

136 100

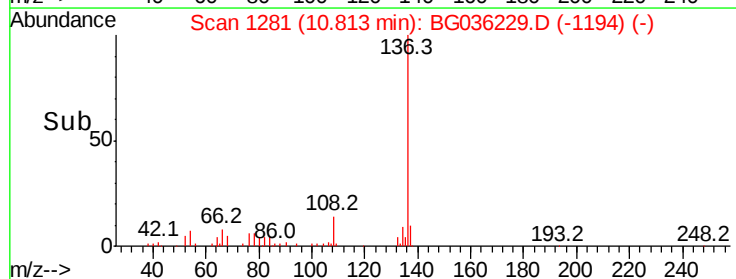
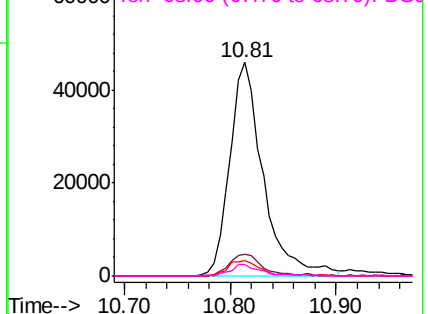
137 9.9 9.2 13.8

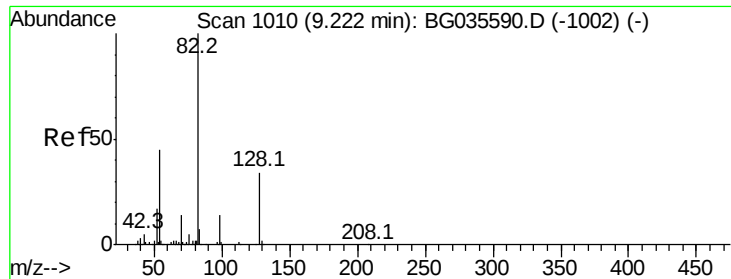
54 7.0 10.3 15.5#

68 5.4 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

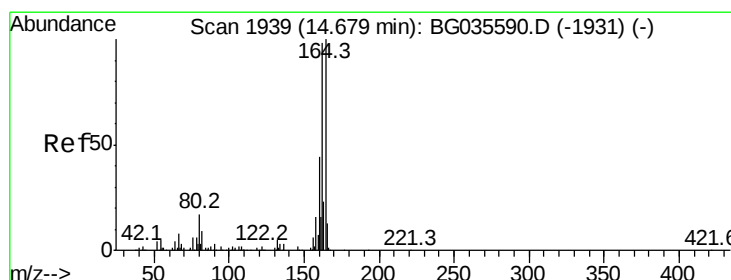
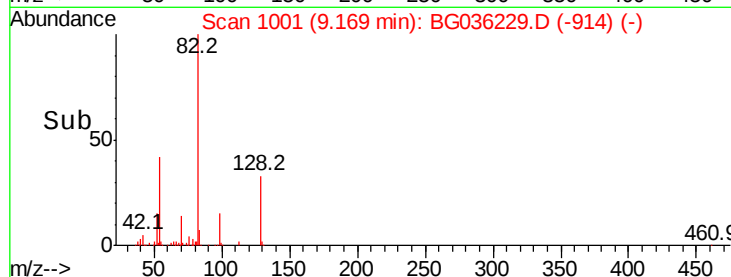
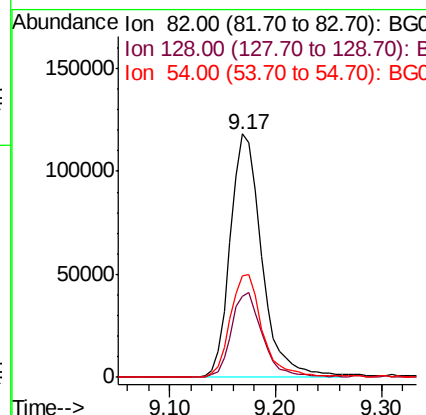
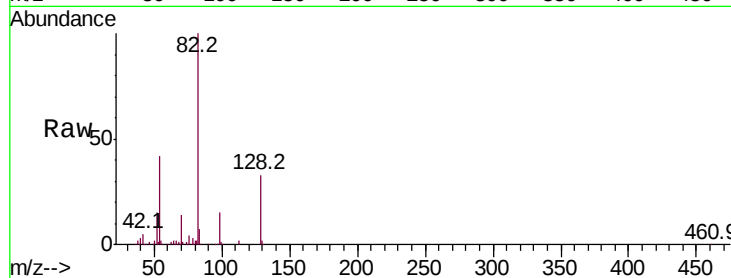




#23
 Nitrobenzene-d5
 Concen: 101.863 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036229.D
 Acq: 9 Aug 2018 12:24

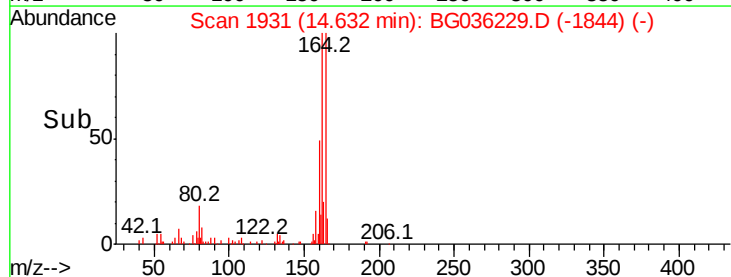
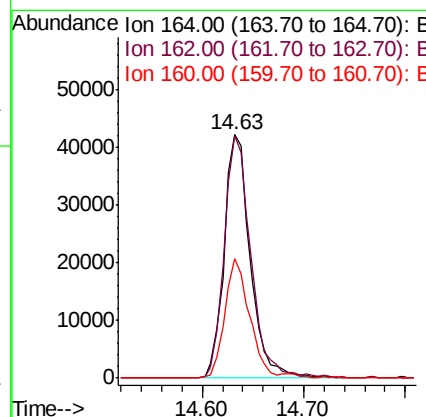
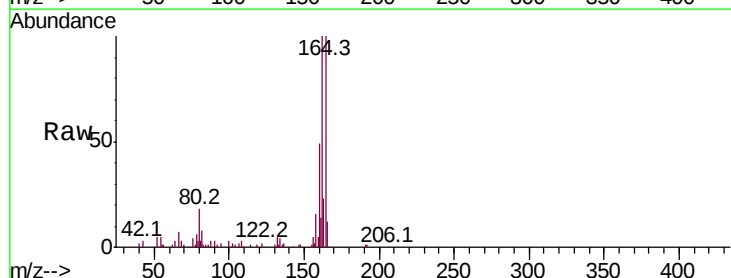
Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-S

Tot Ion	82	Resp	245137
Ion Ratio	Lower	Upper	
82	100		
128	33.2	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036229.D
 Acq: 9 Aug 2018 12:24

Tgt Ion	164	Resp	75349
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.8	118.2
160	49.2	35.4	53.0

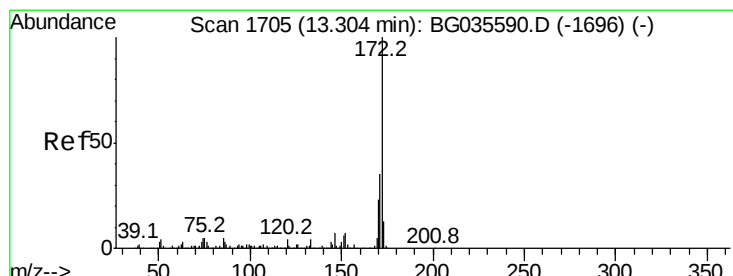
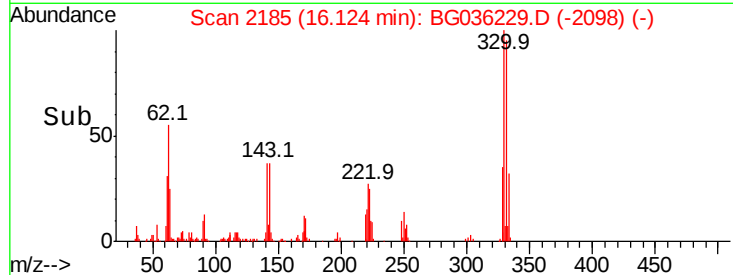
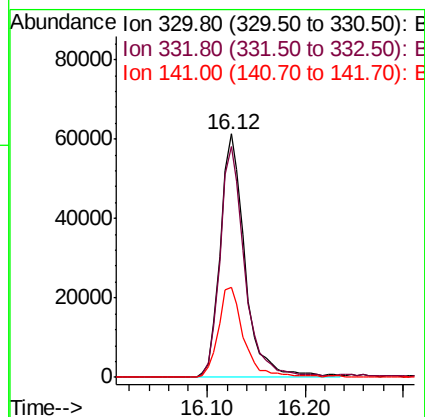
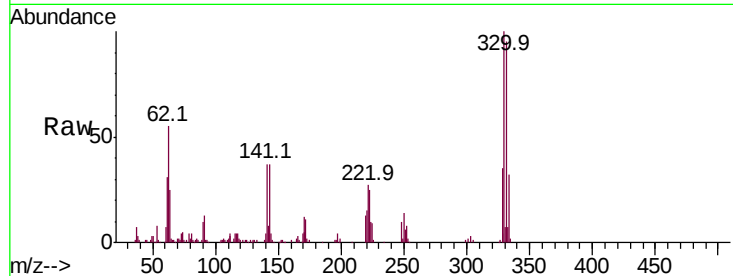




#41
 2,4,6-Tribromophenol
 Concen: 108.799 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036229.D
 Acq: 9 Aug 2018 12:24

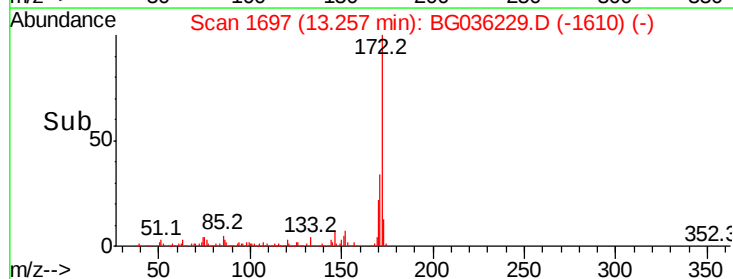
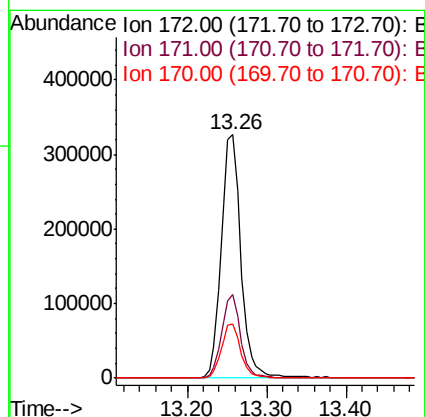
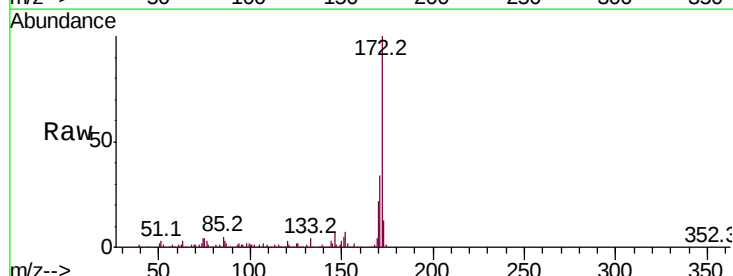
Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.878 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036229.D
 Acq: 9 Aug 2018 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	22.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036229.D

Acq: 9 Aug 2018 12:24

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-S

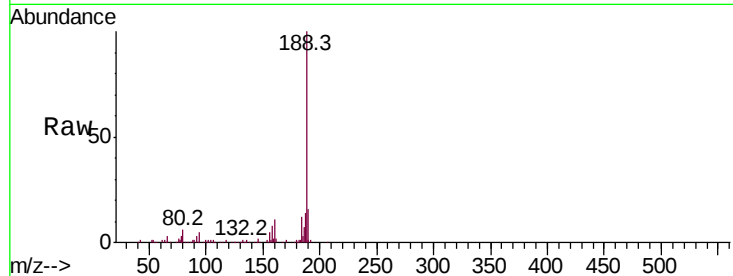
Tot Ion:188 Resp: 208211

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

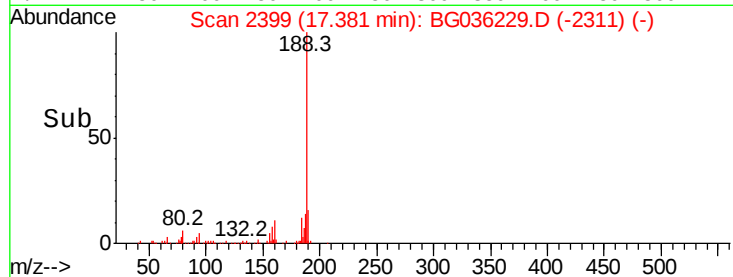
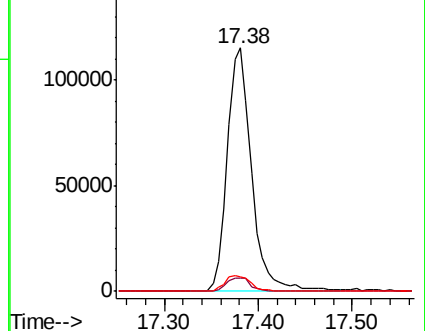
80 6.0 7.7 11.5#



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: BG036229.D

Acq: 9 Aug 2018 12:24

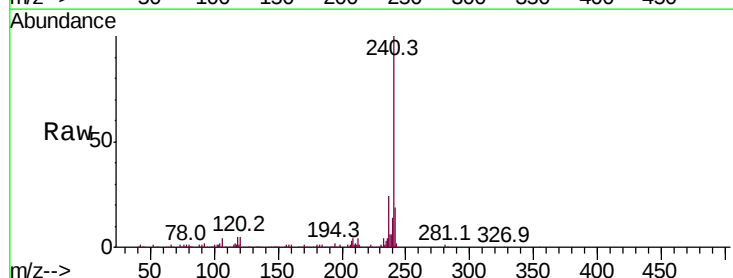
Tgt Ion:240 Resp: 220260

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

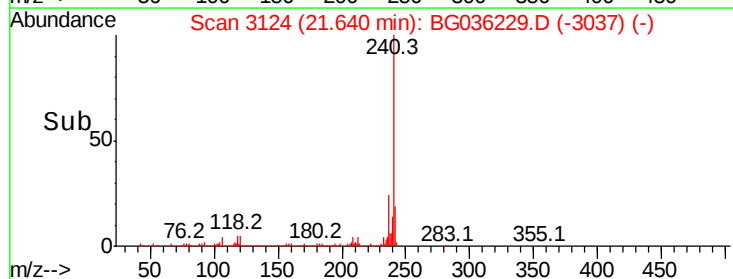
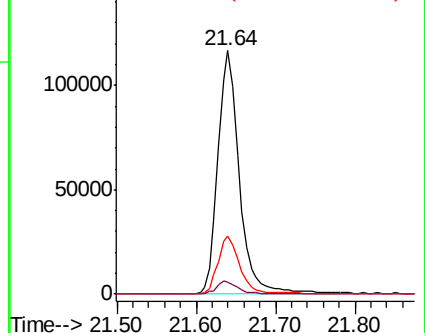
236 24.0 20.9 31.3

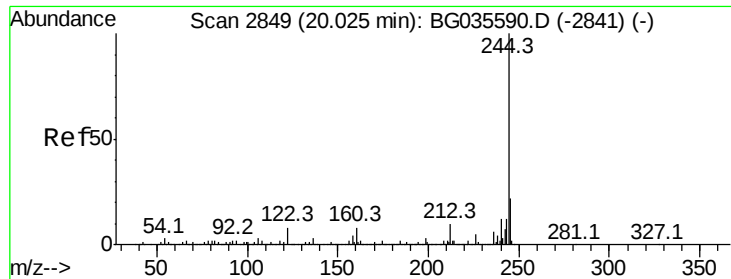


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.578 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036229.D

Acq: 9 Aug 2018 12:24

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-U-S

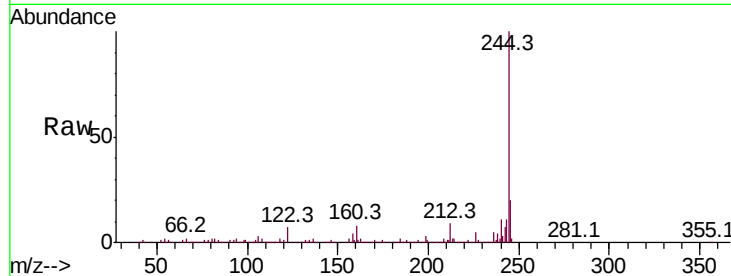
Tot Ion:244 Resp: 965038

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

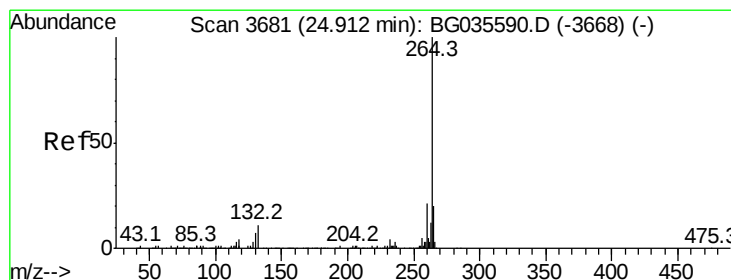
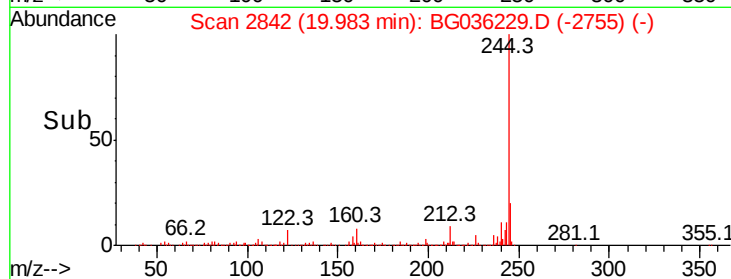
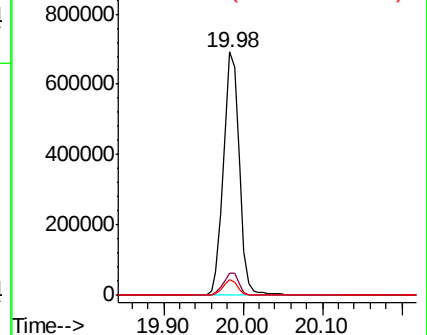
122 6.6 7.0 10.4#



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# 3667

Delta R.T. -0.03 min

Lab File: BG036229.D

Acq: 9 Aug 2018 12:24

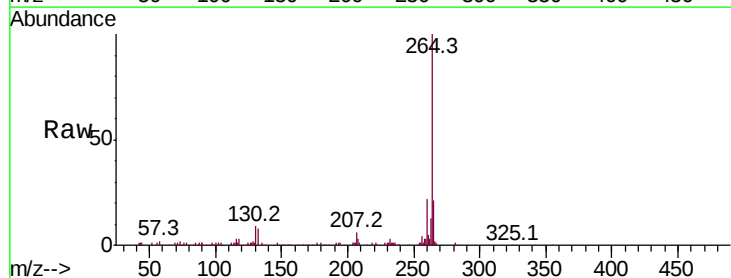
Tgt Ion:264 Resp: 206365

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.8 17.7 26.5



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

