

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036200.D
 Acq On : 8 Aug 2018 16:35
 Operator : JU/SJ
 Sample : J4379-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-08072018

Quant Time: Aug 08 17:53:16 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	25418	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84118	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	59419	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	185161	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204327	20.00	ng	-0.02
86) Perylene-d12	24.84	264	193633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	89903	58.72	ng	-0.01
7) Phenol-d6	7.18	99	77709	34.02	ng	-0.02
23) Nitrobenzene-d5	9.17	82	220752	109.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	161250	205.89	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	482505	108.79	ng	-0.02
78) Terphenyl-d14	19.99	244	1151832	124.26	ng	-0.01

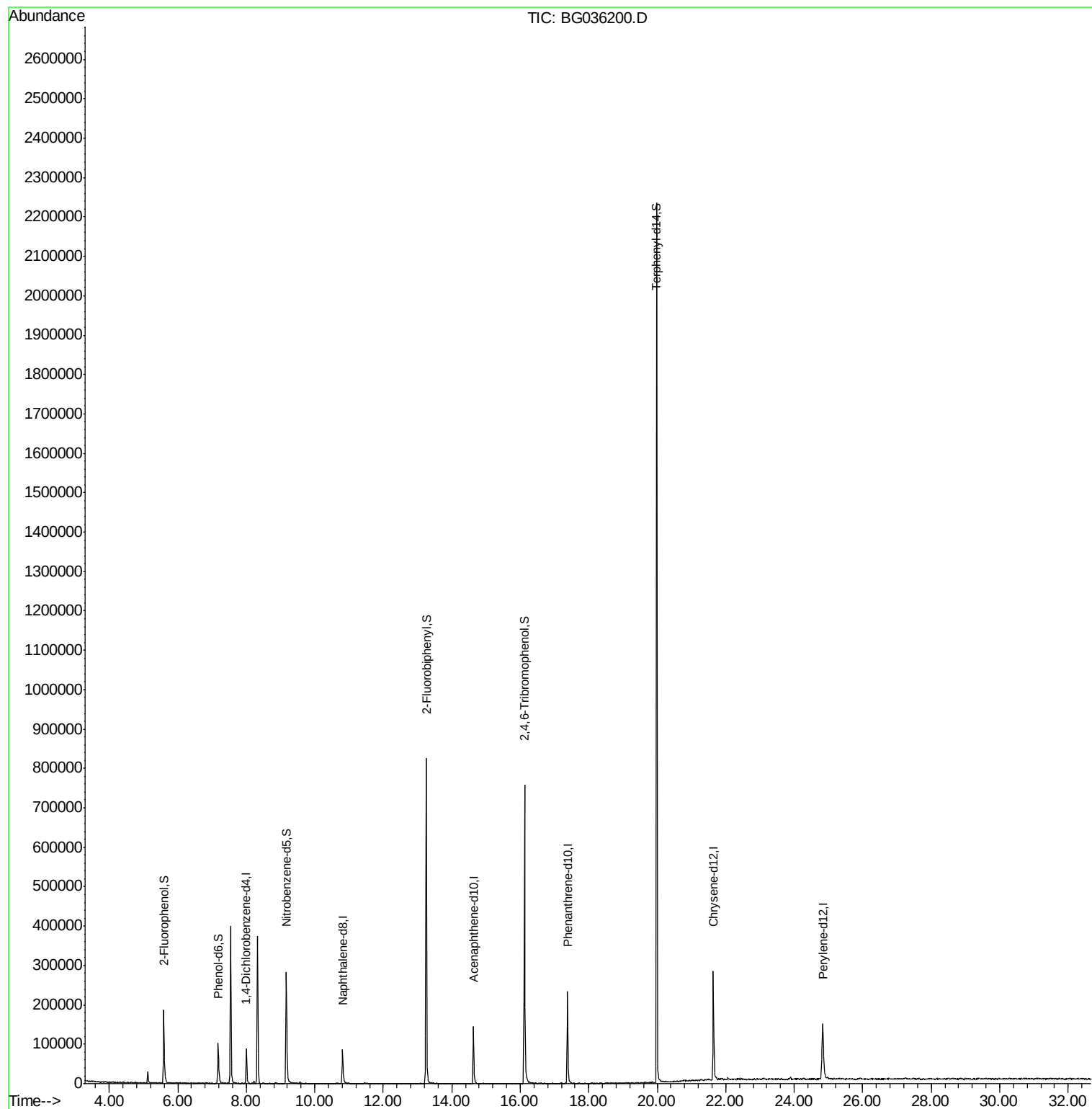
Target Compounds Qvalue

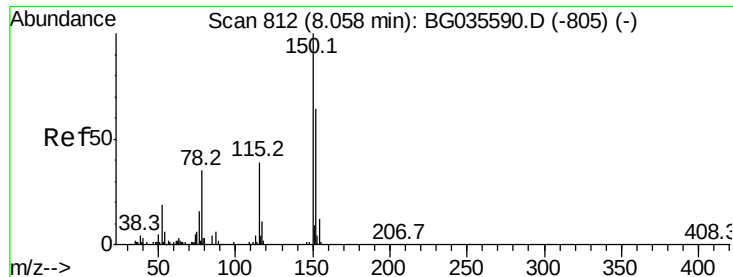
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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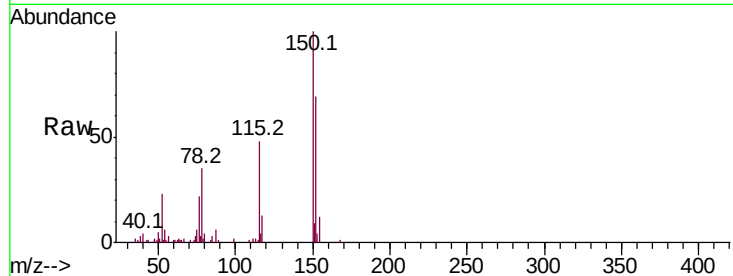


#1

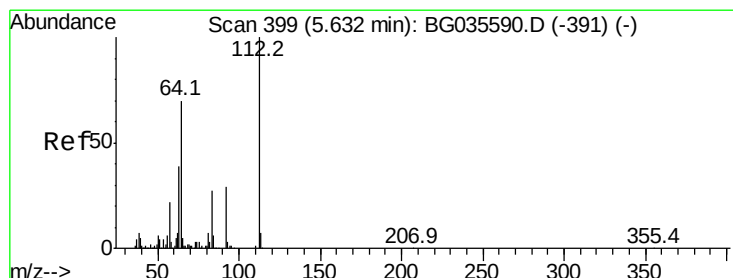
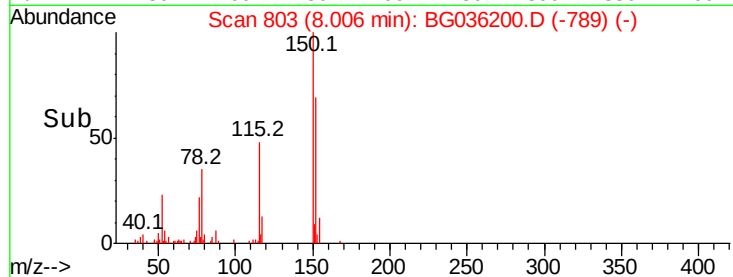
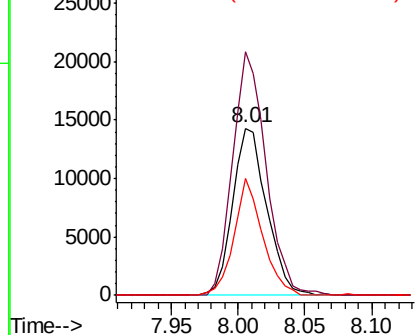
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tot Ion:152 Resp: 25418
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 70.3 53.0 79.4



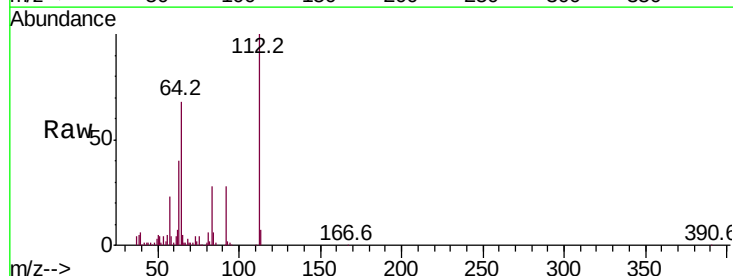
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



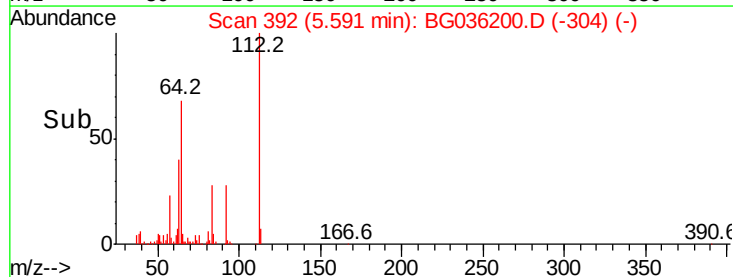
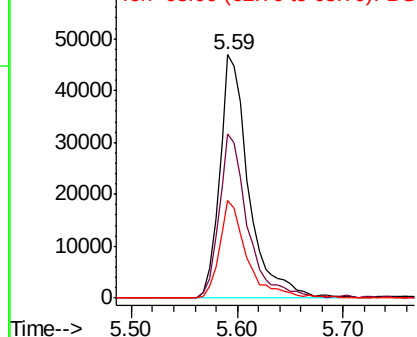
#5

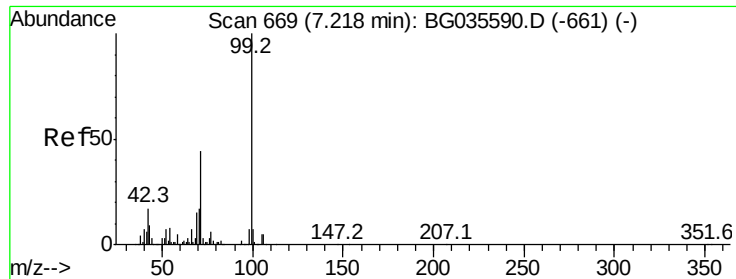
2-Fluorophenol
Concen: 58.722 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:112 Resp: 89903
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 40.0 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: 34.020 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036200.D

Acq: 8 Aug 2018 16:35

Instrument :

BNA_G

ClientSampleId :

FB-08072018

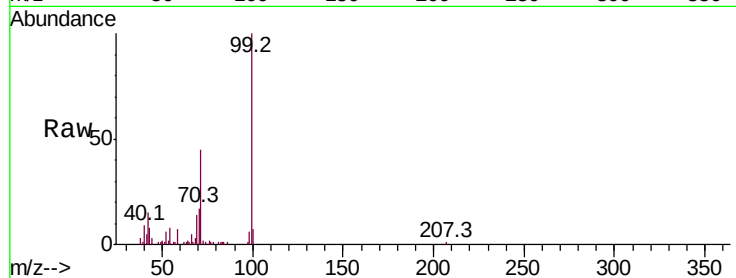
Tot Ion: 99 Resp: 77709

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

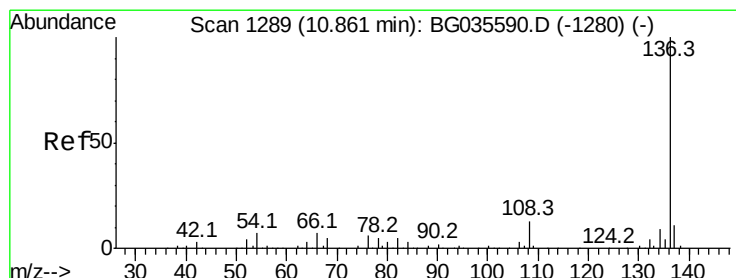
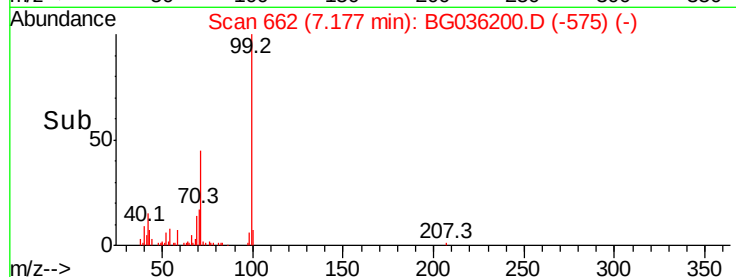
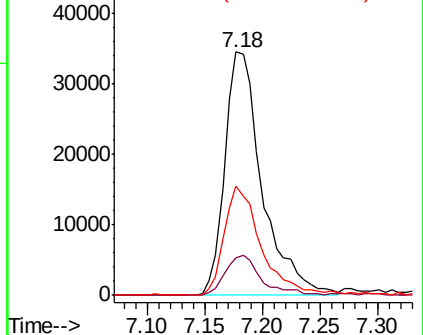
71 44.8 26.1 39.1#



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: BG036200.D

Acq: 8 Aug 2018 16:35

Tgt Ion: 136 Resp: 84118

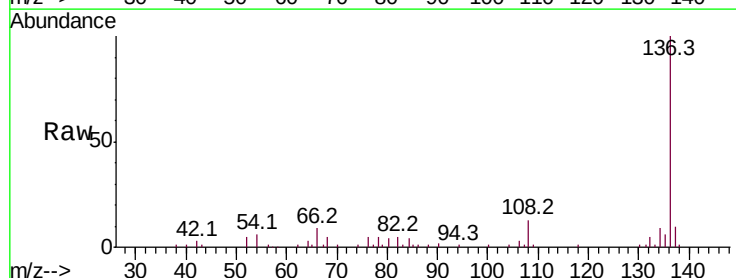
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 5.8 10.3 15.5#

68 5.4 4.5 6.7

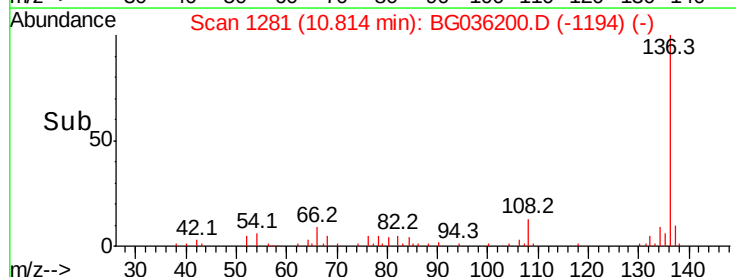
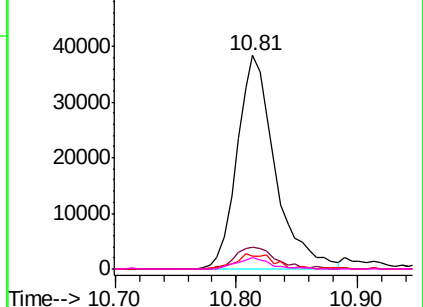


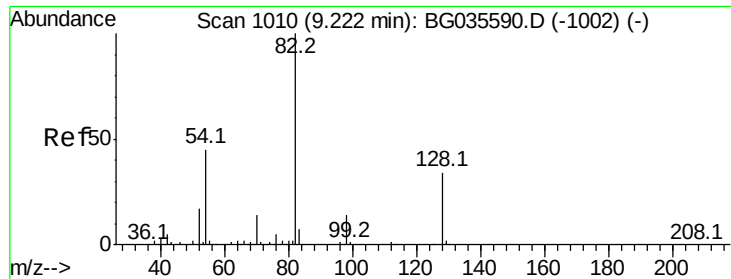
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

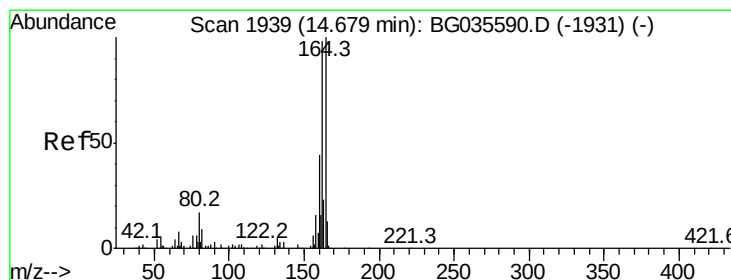
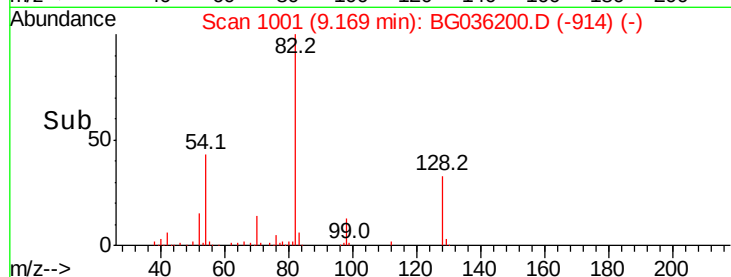
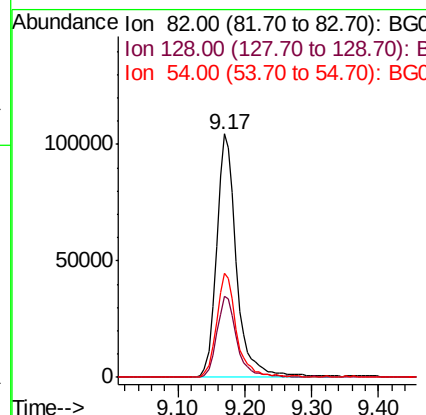
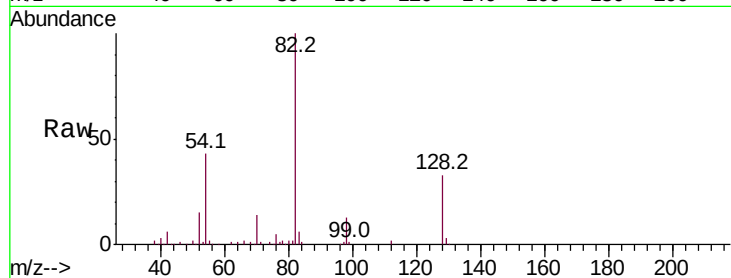




#23
 Nitrobenzene-d5
 Concen: 109.630 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036200.D
 Acq: 8 Aug 2018 16:35

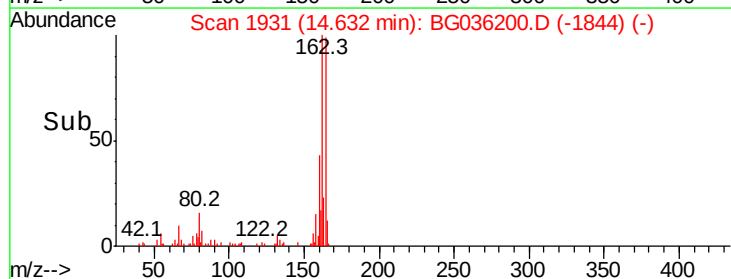
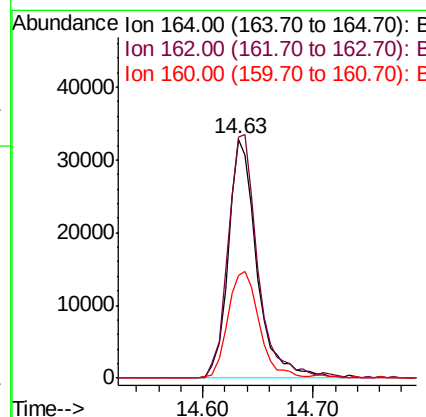
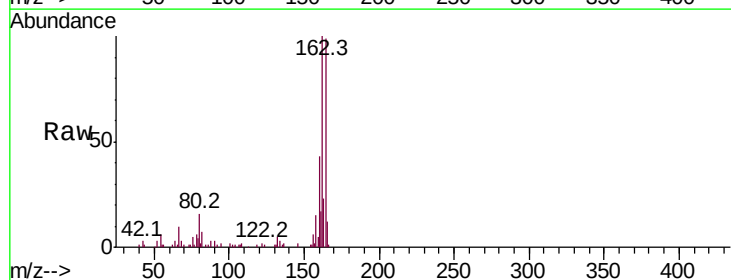
Instrument :
 BNA_G
 ClientSampleId :
 FB-08072018

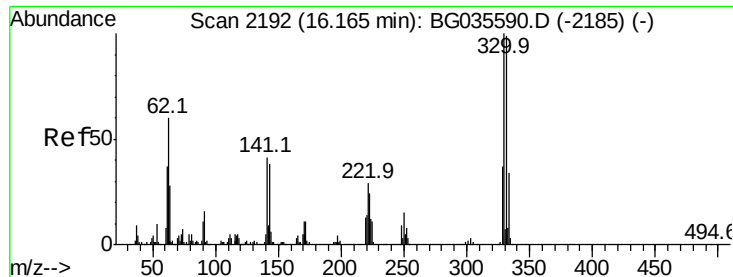
Tot Ion: 82 Resp: 220752
 Ion Ratio Lower Upper
 82 100
 128 33.2 29.7 44.5
 54 42.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036200.D
 Acq: 8 Aug 2018 16:35

Tgt Ion:164 Resp: 59419
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 43.0 35.4 53.0

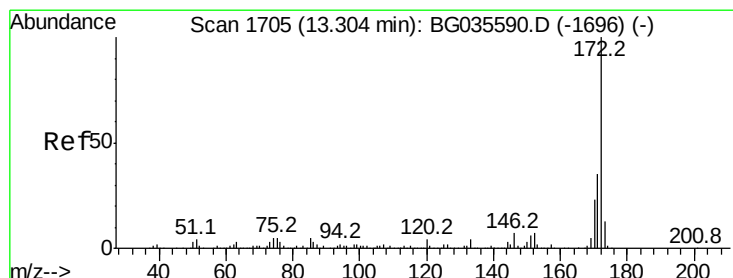
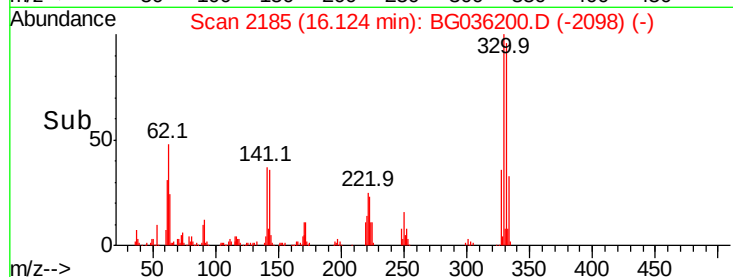
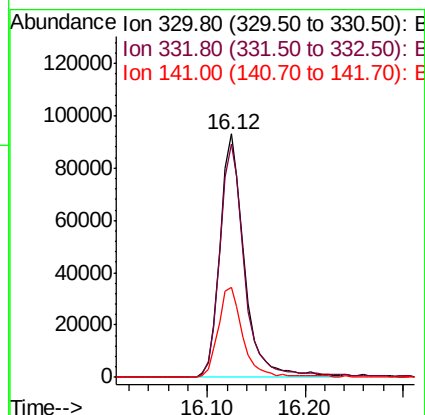
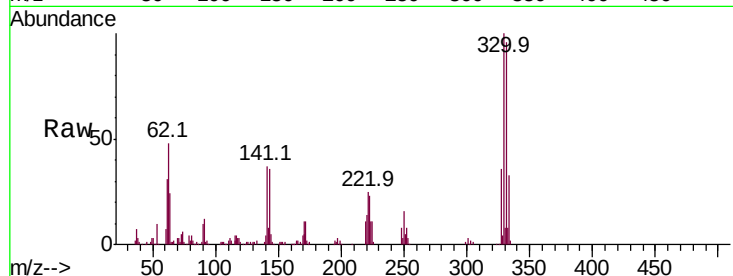




#41
 2,4,6-Tribromophenol
 Concen: 205.891 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036200.D
 Acq: 8 Aug 2018 16:35

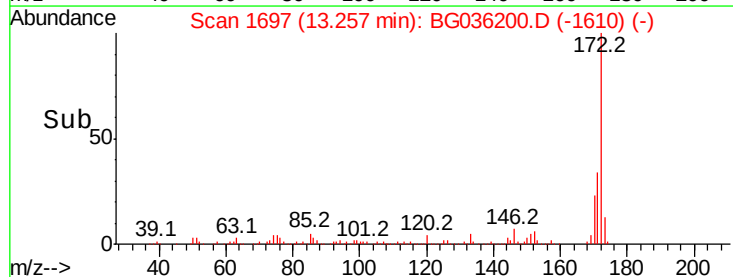
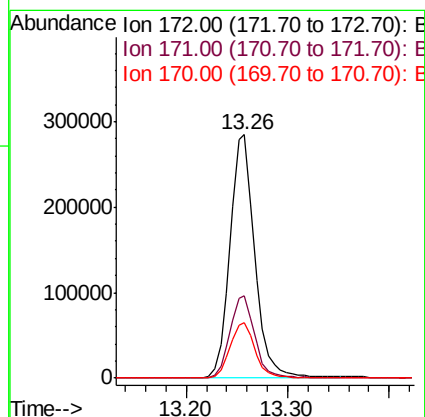
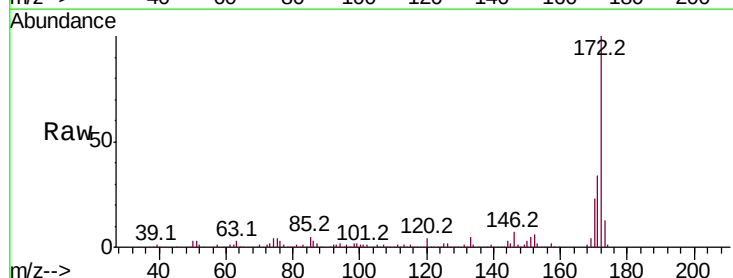
Instrument :
 BNA_G
 ClientSampleId :
 FB-08072018

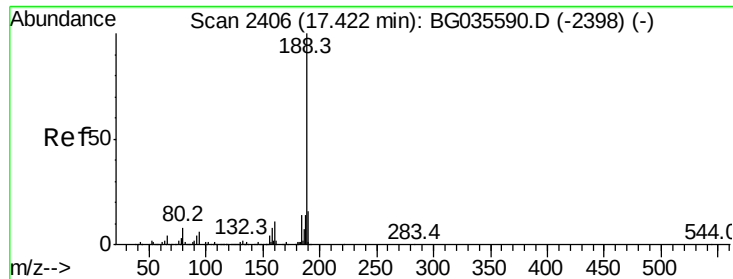
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 108.792 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036200.D
 Acq: 8 Aug 2018 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.6	19.5	29.3

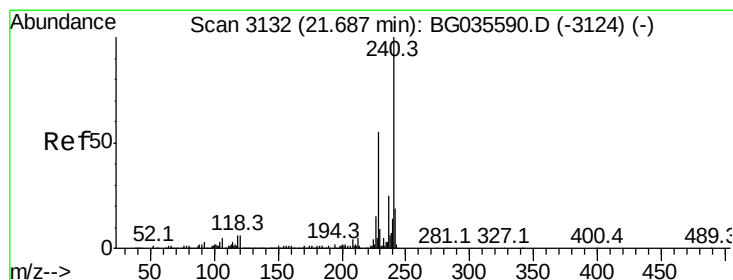
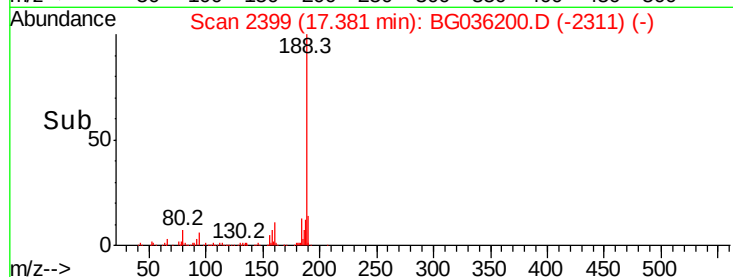
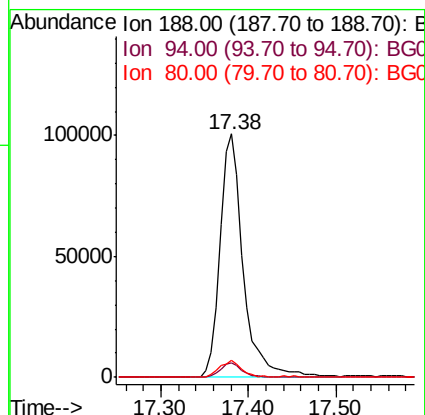
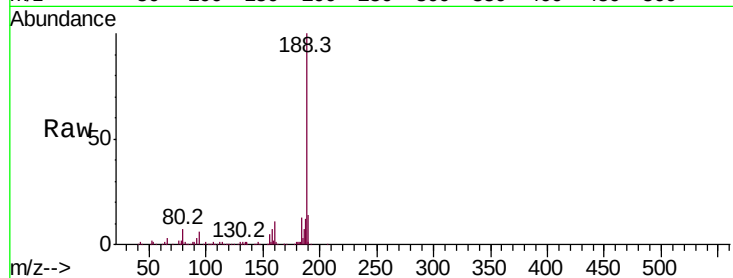




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

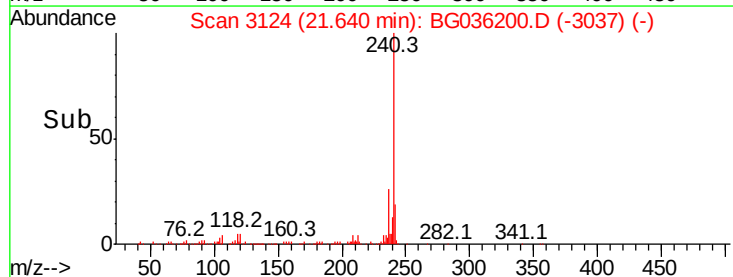
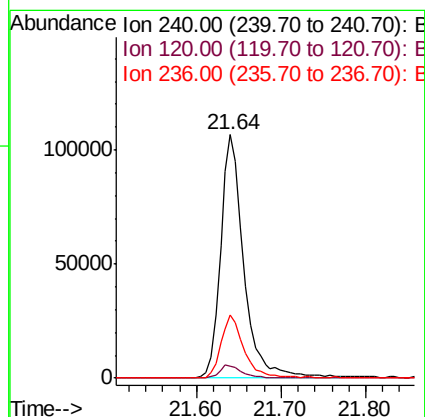
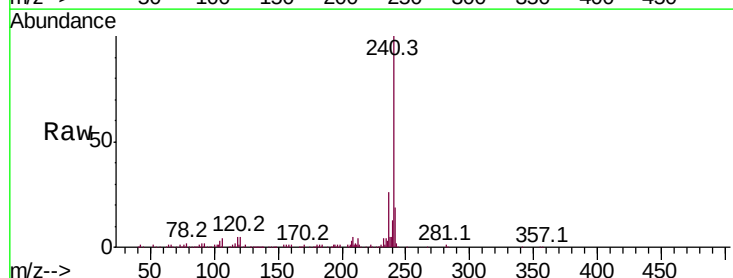
Instrument :
BNA_G
ClientSampleId :
FB-08072018

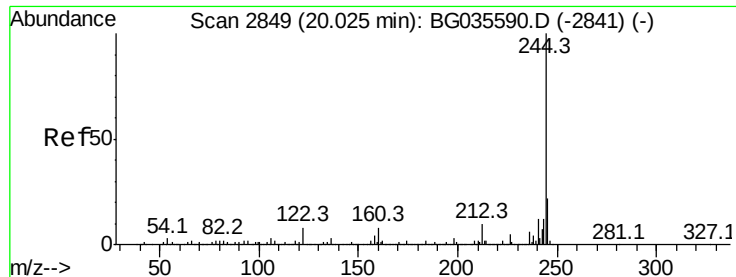
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.1	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.7	20.9	31.3





#78

Terphenyl-d14

Concen: 124.261 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036200.D

Acq: 8 Aug 2018 16:35

Instrument :

BNA_G

ClientSampleId :

FB-08072018

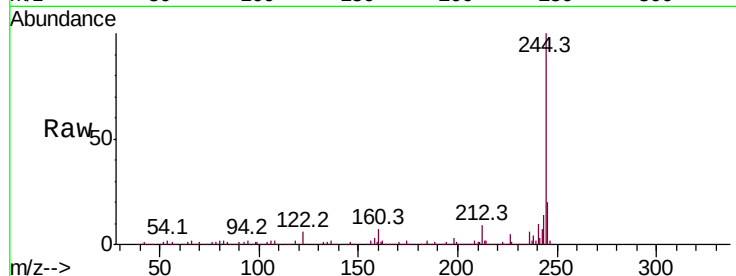
Tot Ion:244 Resp: 1151832

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

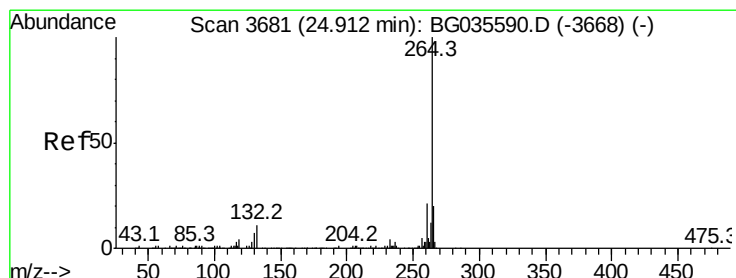
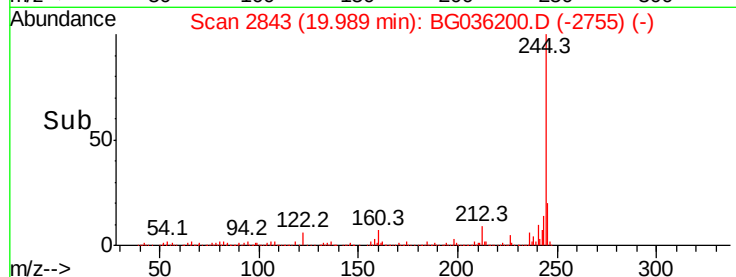
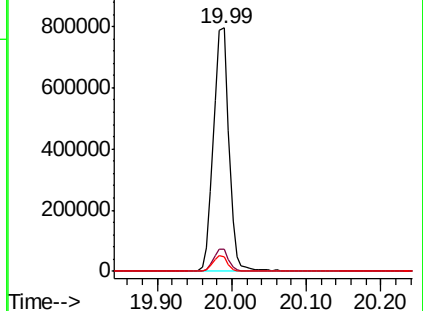
122 6.0 7.0 10.4#



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: 24.84 min Scan# 3668

Delta R.T. -0.02 min

Lab File: BG036200.D

Acq: 8 Aug 2018 16:35

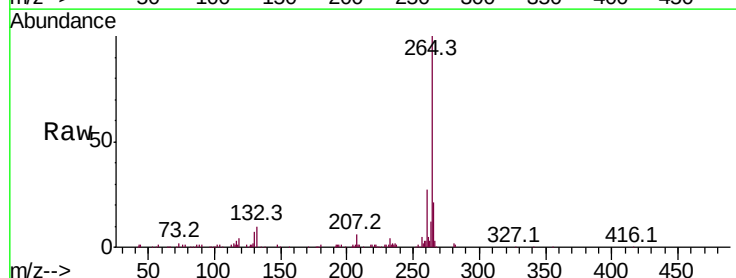
Tgt Ion:264 Resp: 193633

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.0#

265 21.3 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

