

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036227.D
 Acq On : 9 Aug 2018 11:06
 Operator : JU/SJ
 Sample : J4330-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Aug 09 12:51:21 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	30083	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	103016	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	77674	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	218871	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	222714	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204108	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	72189	39.84	ng	0.00
7) Phenol-d6	7.18	99	60801	22.49	ng	-0.02
23) Nitrobenzene-d5	9.17	82	236326	95.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	104995	102.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	524159	90.41	ng	-0.02
78) Terphenyl-d14	19.99	244	944706	93.50	ng	-0.02

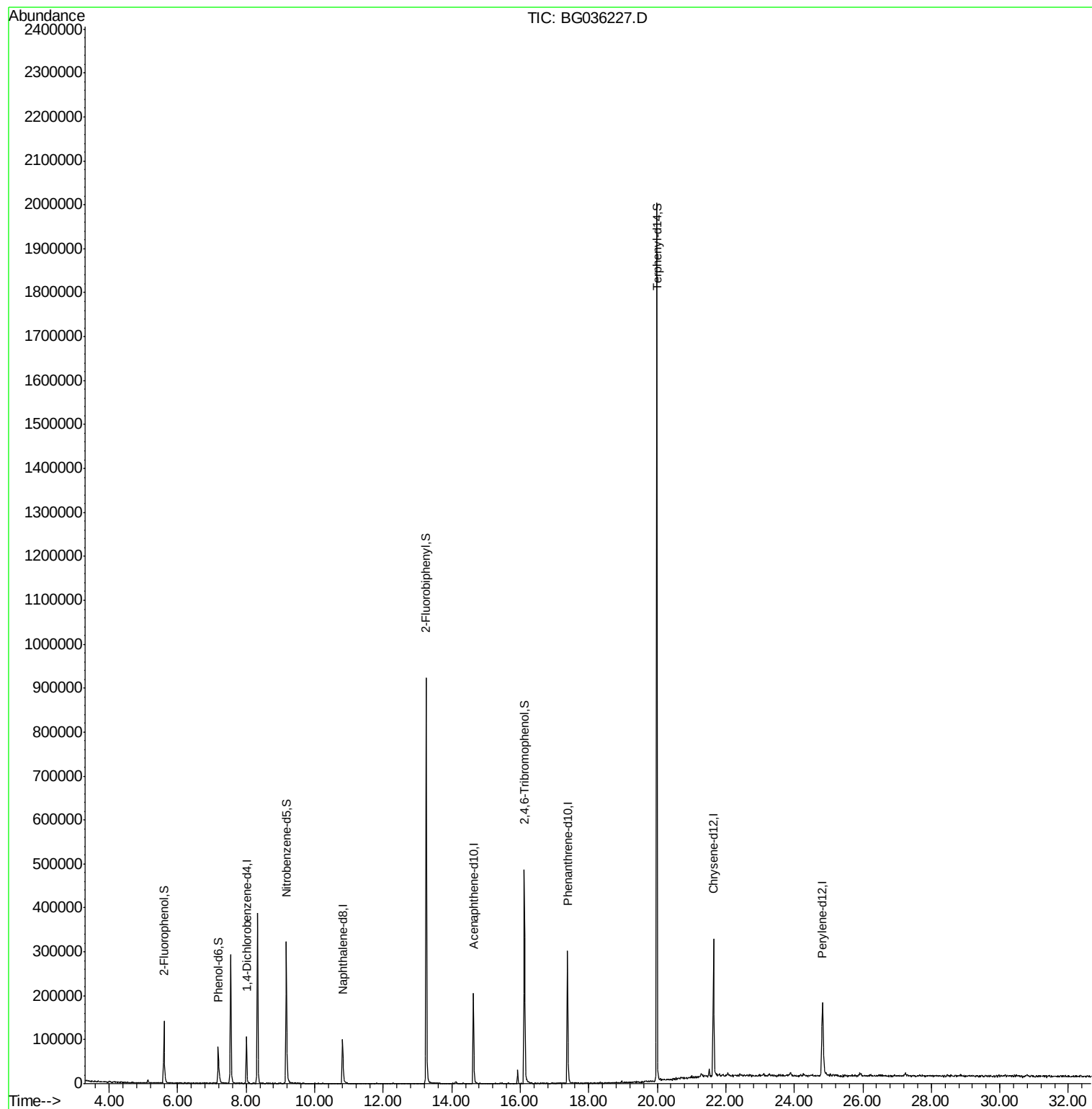
Target Compounds Qvalue

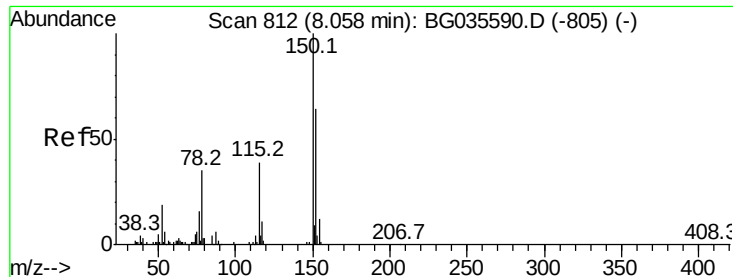
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-D-S

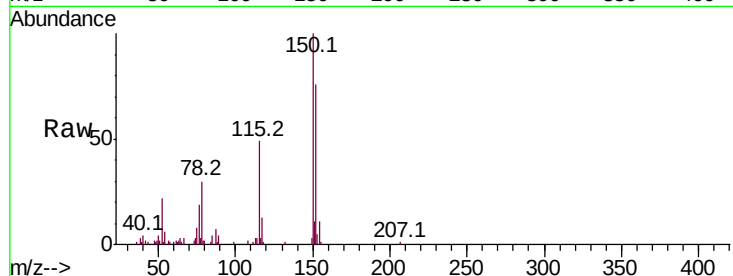
Tot Ion:152 Resp: 30083

Ion Ratio Lower Upper

152 100

150 132.2 126.6 189.8

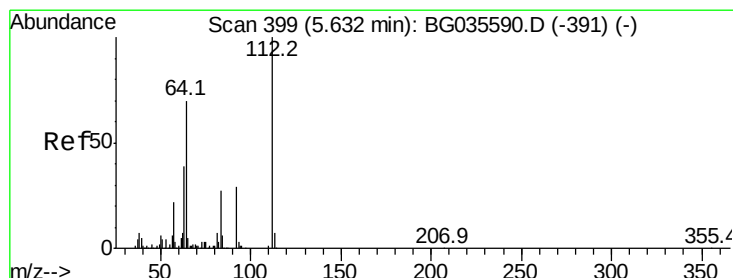
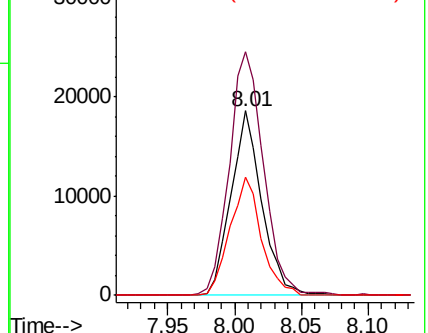
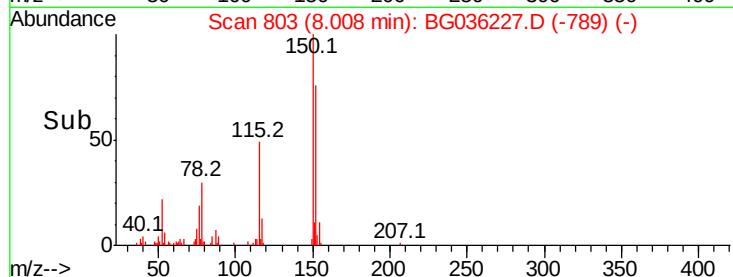
115 64.4 53.0 79.4



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: 39.840 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

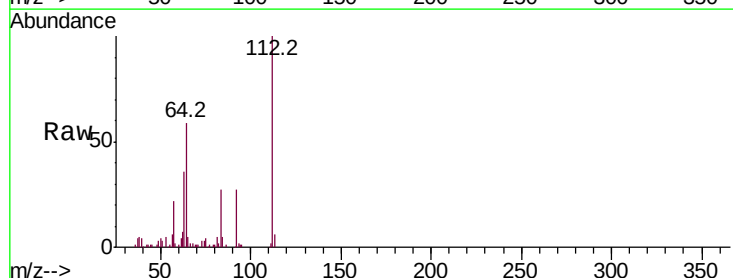
Tgt Ion:112 Resp: 72189

Ion Ratio Lower Upper

112 100

64 59.1 56.3 84.5

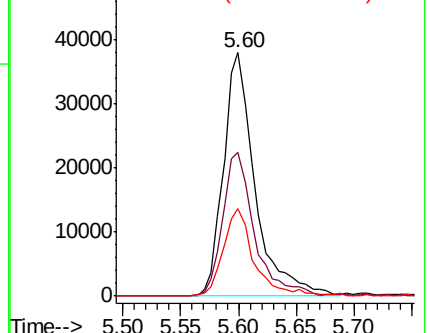
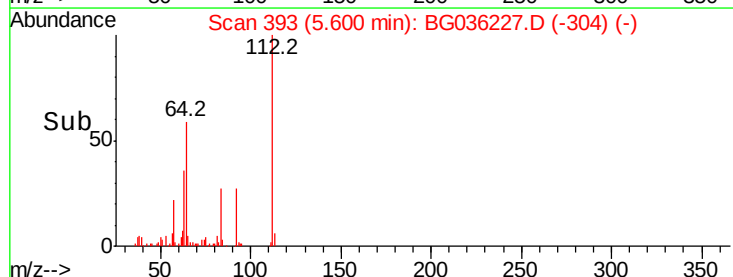
63 35.7 30.1 45.1

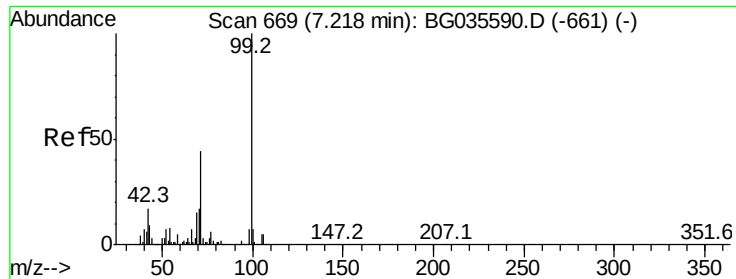


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 22.490 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-D-S

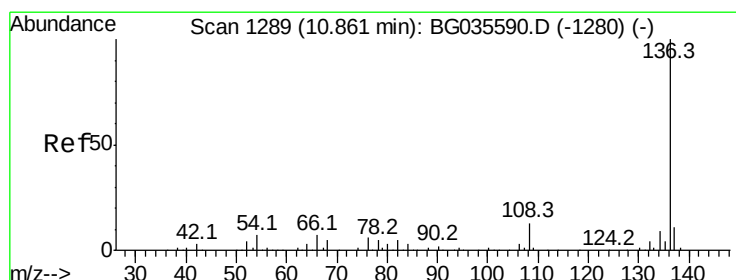
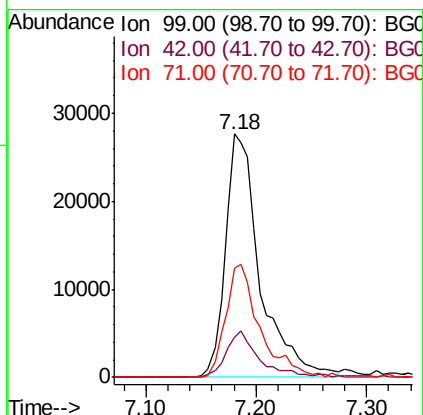
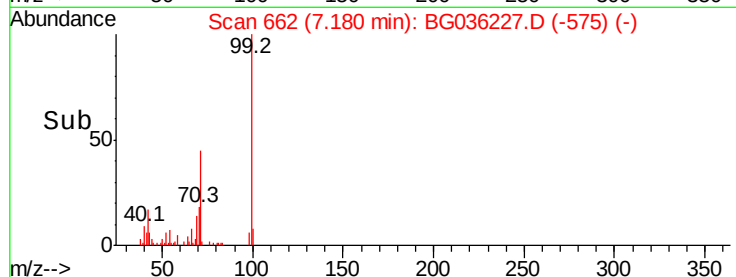
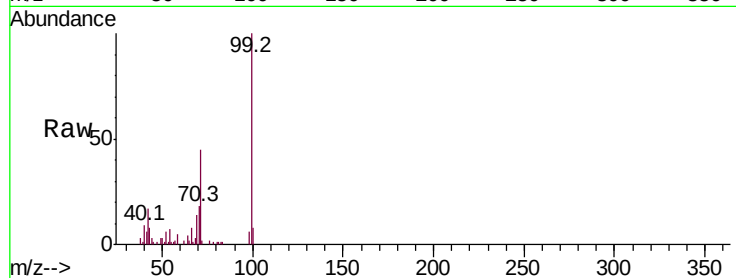
Tot Ion: 99 Resp: 60801

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 44.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Tgt Ion:136 Resp: 103016

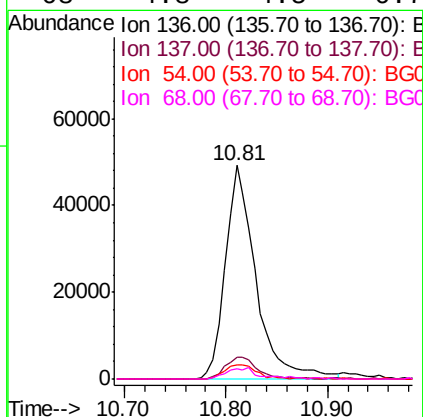
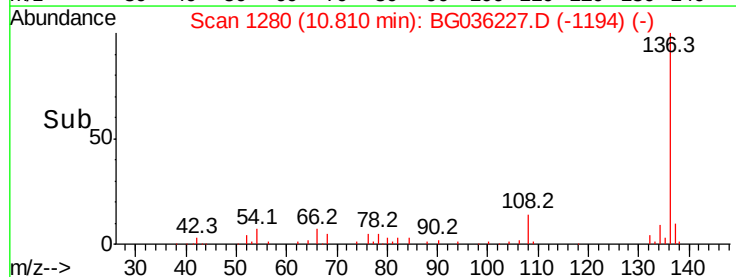
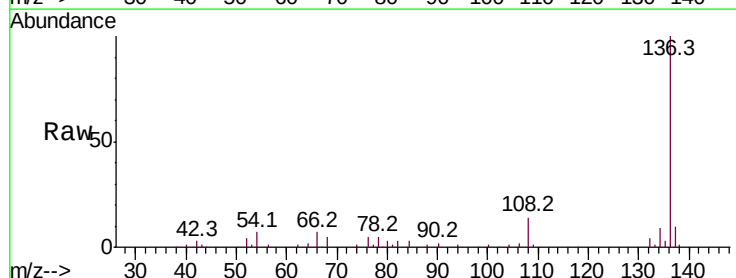
Ion Ratio Lower Upper

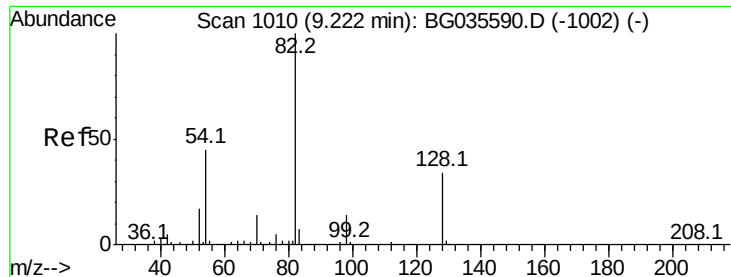
136 100

137 10.3 9.2 13.8

54 6.6 10.3 15.5#

68 4.8 4.5 6.7

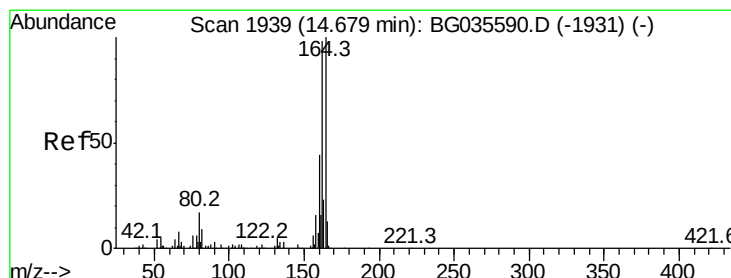
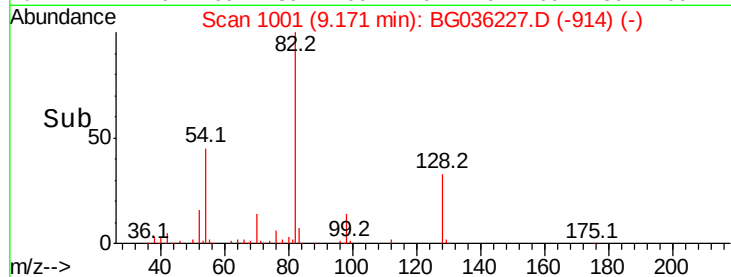
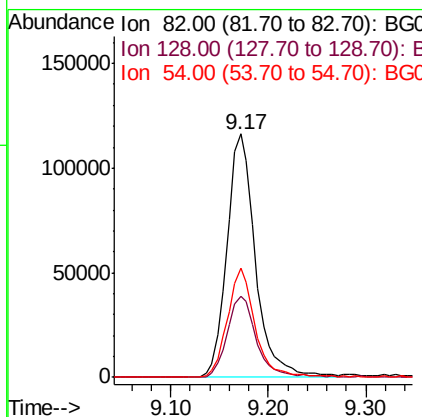
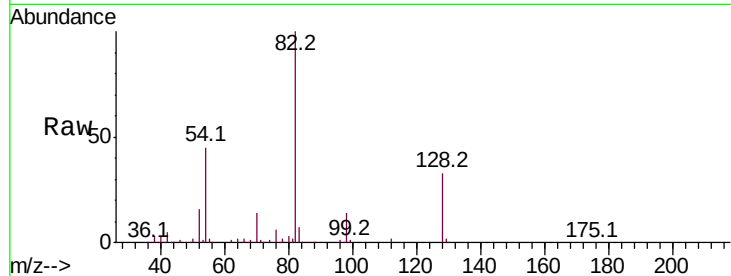




#23
Nitrobenzene-d5
Concen: 95.834 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

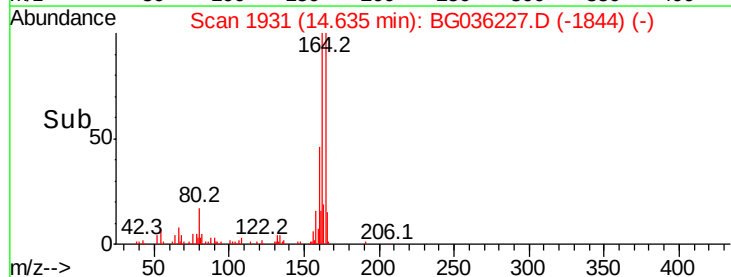
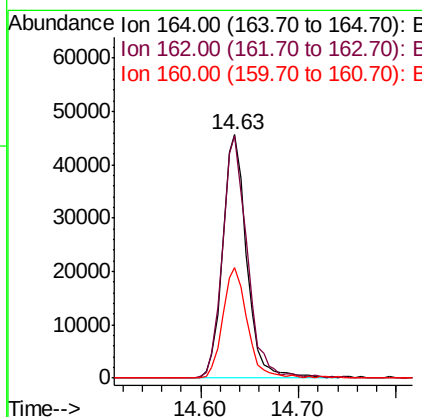
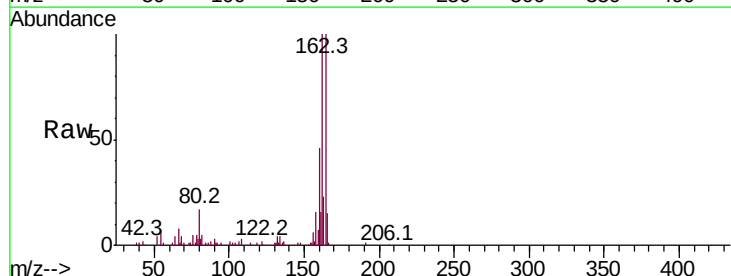
Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-D-S

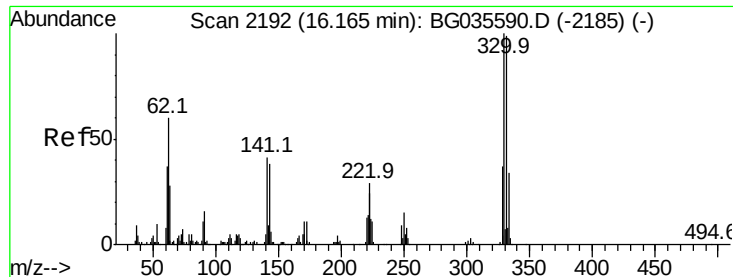
Tot Ion	82	Resp	236326
Ion Ratio	100	Lower	Upper
128	33.3	29.7	44.5
54	44.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Tgt Ion	164	Resp	77674
Ion Ratio	100	Lower	Upper
162	99.5	78.8	118.2
160	45.5	35.4	53.0

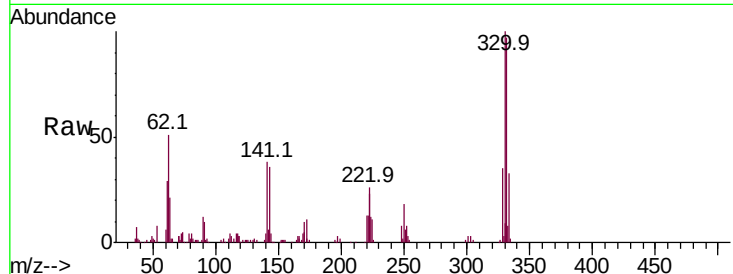




#41
 2,4,6-Tribromophenol
 Concen: 102.555 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.8	25.2	37.8#

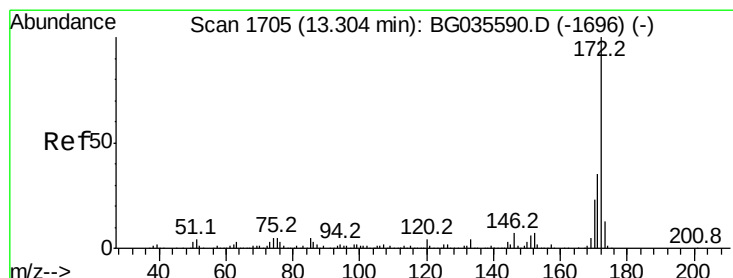
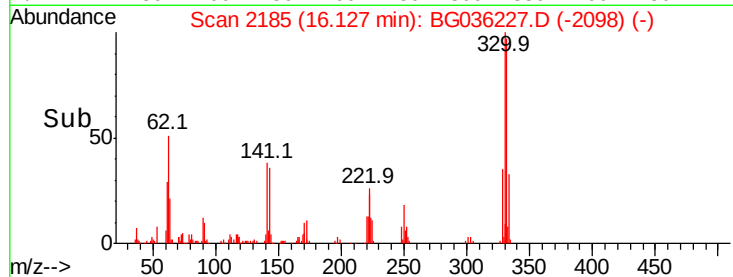
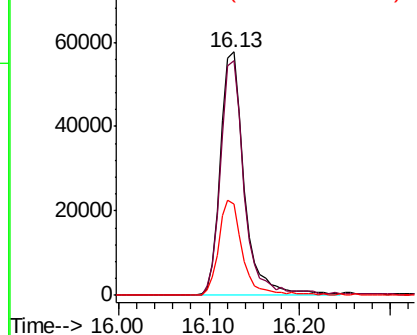


Abundance

Ion 329.80 (329.50 to 330.50): E

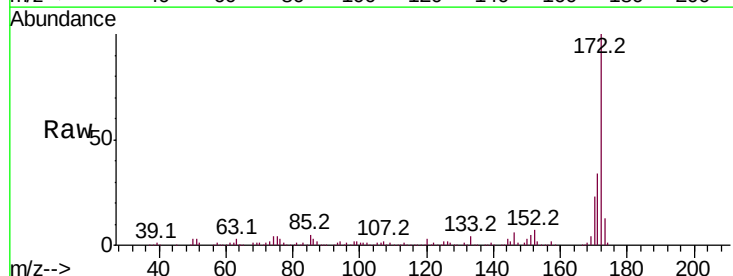
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.408 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.8	19.5	29.3

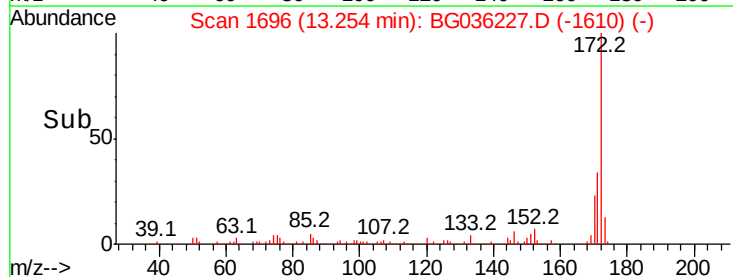
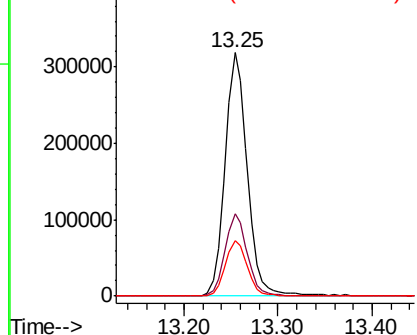


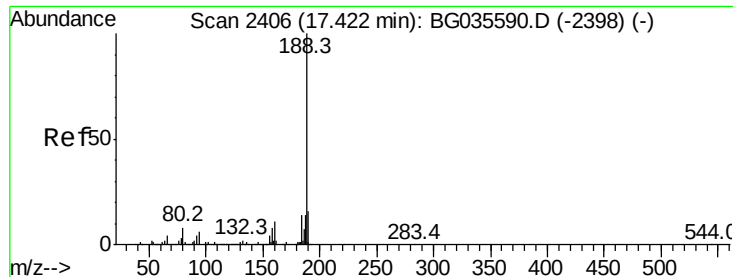
Abundance

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

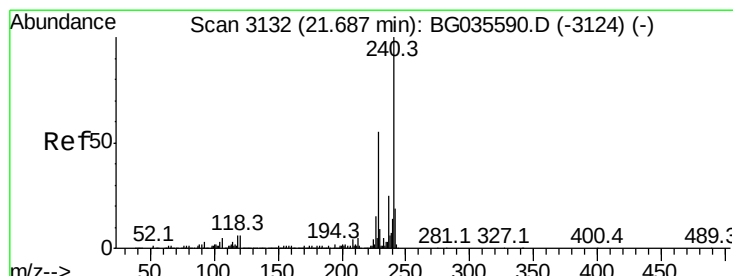
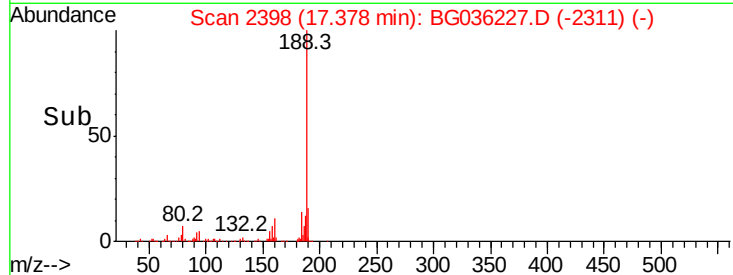
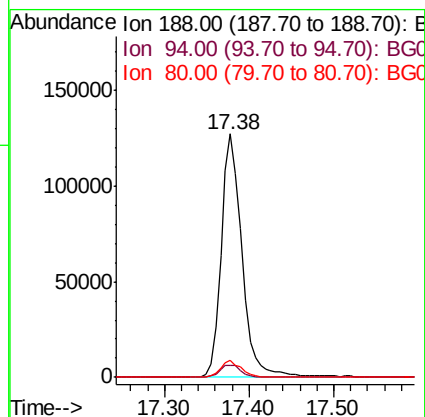
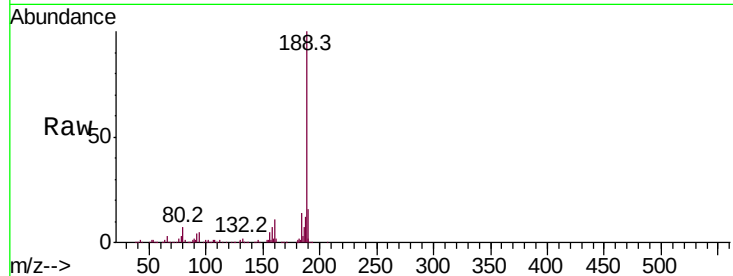




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

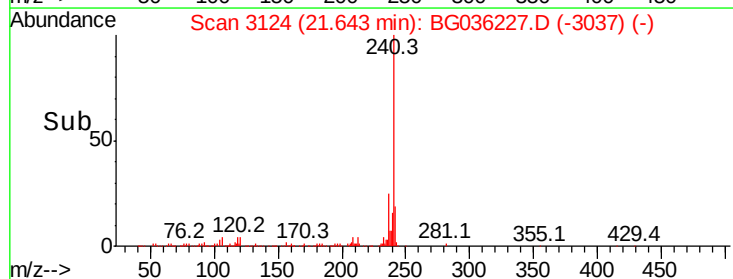
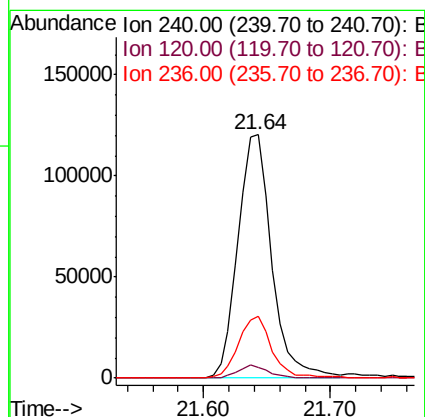
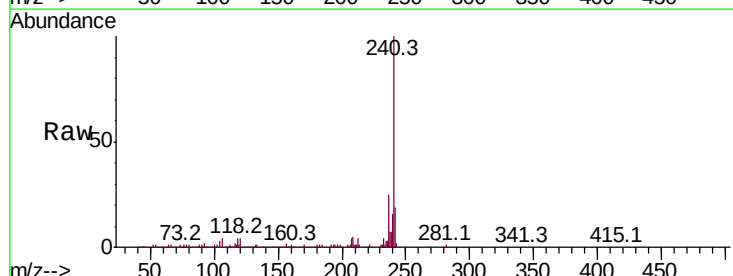
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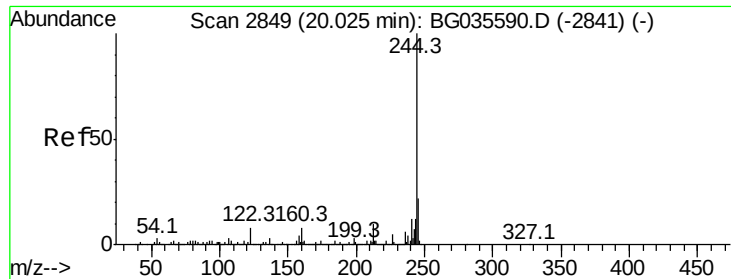
Tot Ion:188 Resp: 218871
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Tgt Ion:240 Resp: 222714
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.2 20.9 31.3

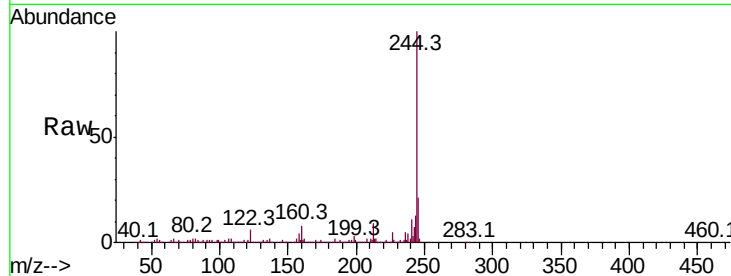




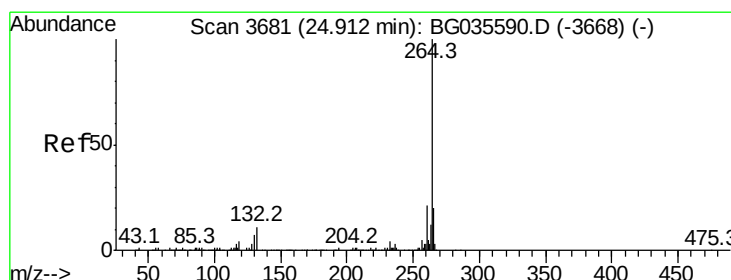
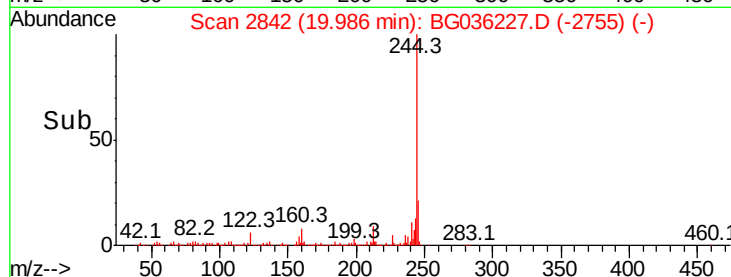
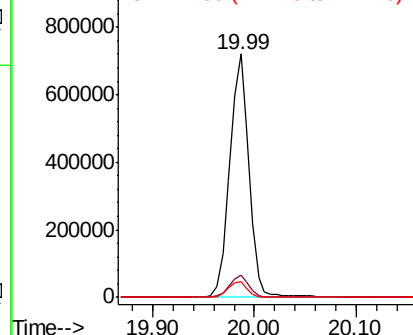
#78
 Terphenyl-d14
 Concen: 93.502 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

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

Tot Ion:244 Resp: 944706
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.3 7.0 10.4#

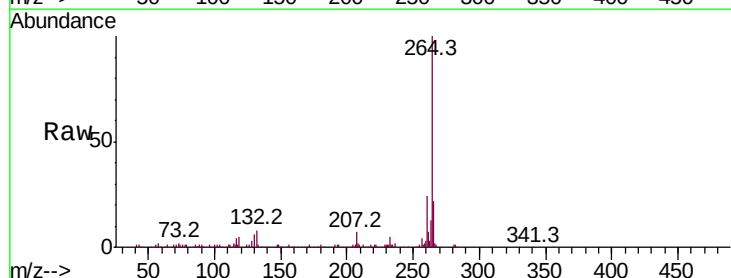


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3666
 Delta R.T. -0.03 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

Tgt Ion:264 Resp: 204108
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 21.8 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

