

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036134.D
 Acq On : 6 Aug 2018 19:25
 Operator : JU/SJ
 Sample : J4313-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-12

Quant Time: Aug 07 01:19:21 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	30470	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	102378	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	71352	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	210652	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	238519	20.00	ng	-0.02
86) Perylene-d12	24.82	264	221729	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	254148	138.48	ng	0.00
7) Phenol-d6	7.18	99	317238	115.86	ng	-0.01
23) Nitrobenzene-d5	9.17	82	260432	106.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	191141	203.24	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	594292	111.59	ng	-0.02
78) Terphenyl-d14	19.99	244	1284203	118.68	ng	-0.01

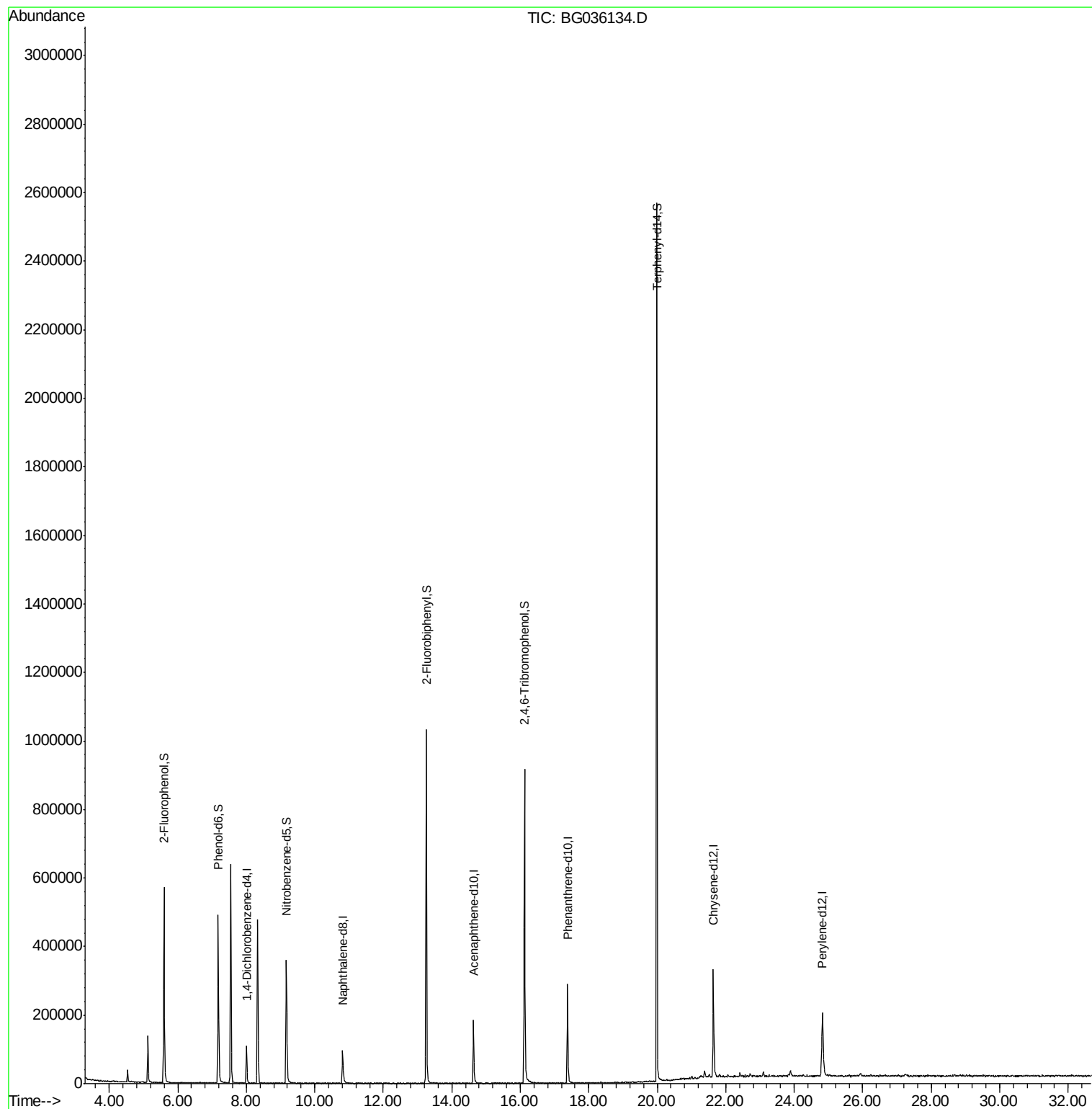
Target Compounds Qvalue

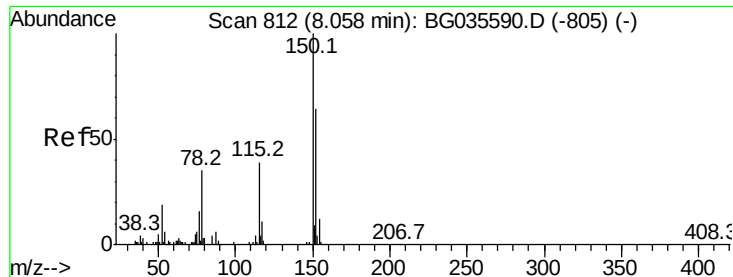
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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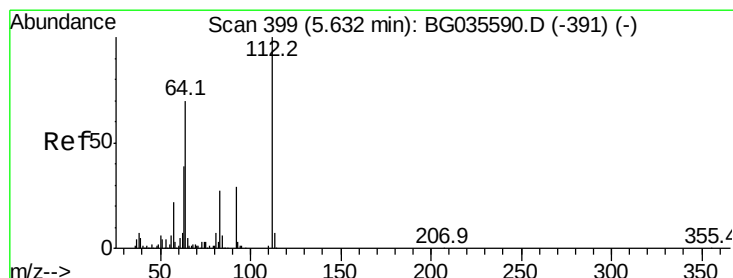
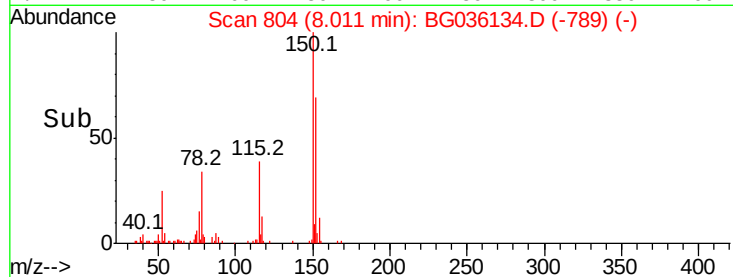
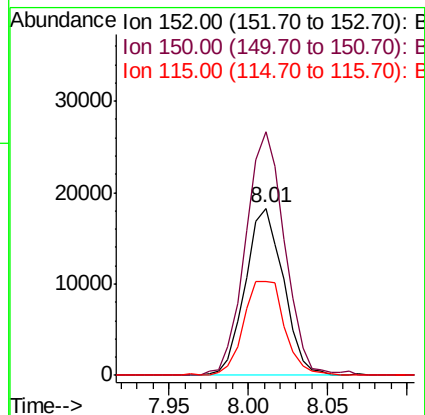
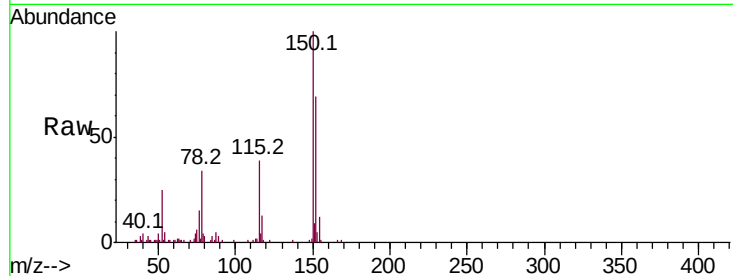


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036134.D
Acq: 6 Aug 2018 19:25

Instrument :
BNA_G
ClientSampleId :
C-12

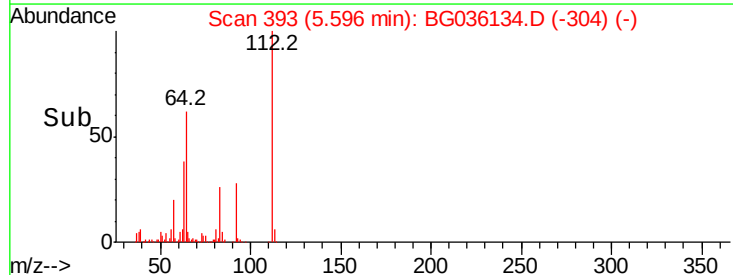
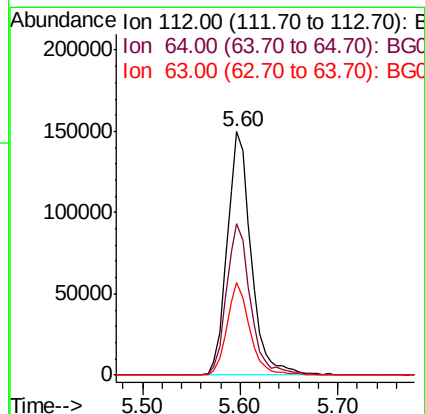
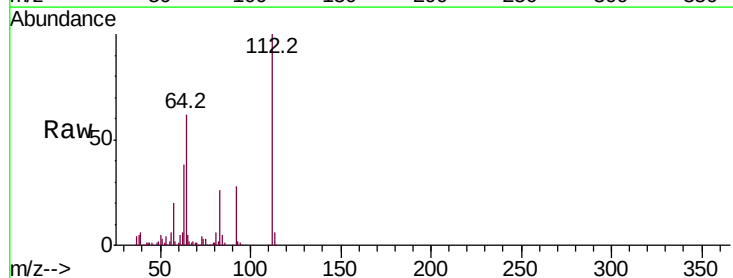
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	126.6	189.8
115	56.3	53.0	79.4

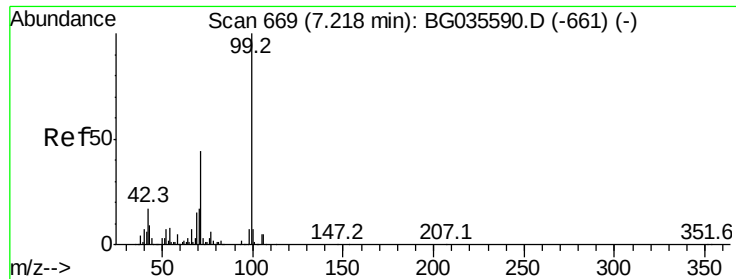


#5

2-Fluorophenol
Concen: 138.479 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036134.D
Acq: 6 Aug 2018 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	37.9	30.1	45.1





#7

Phenol-d6

Concen: 115.856 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036134.D

Acq: 6 Aug 2018 19:25

Instrument :

BNA_G

ClientSampleId :

C-12

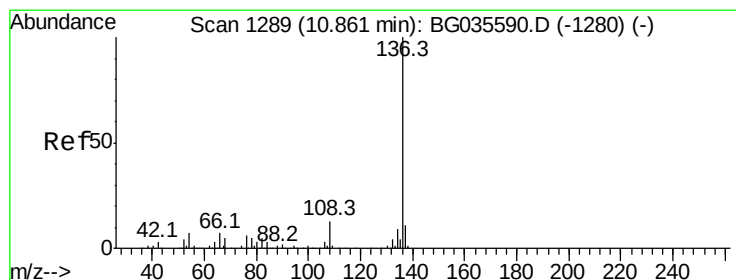
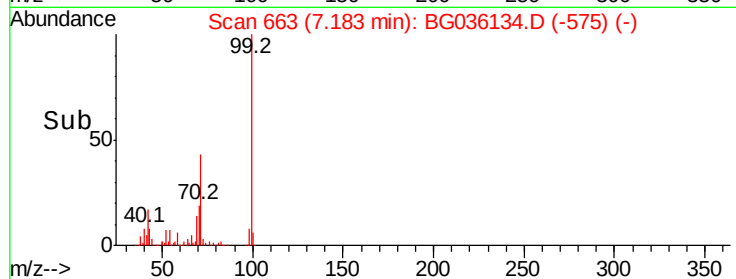
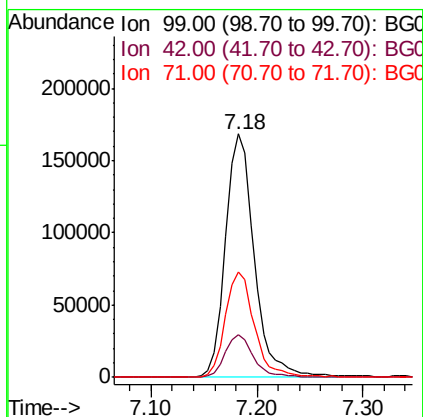
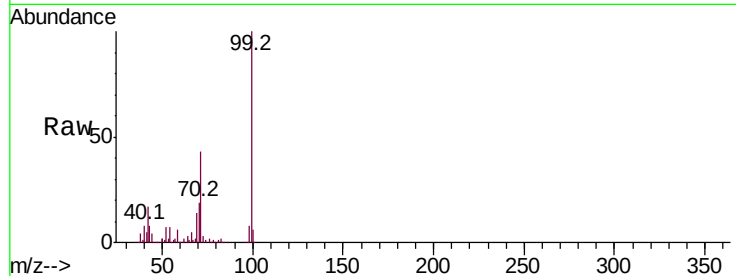
Tot Ion: 99 Resp: 317238

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 43.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036134.D

Acq: 6 Aug 2018 19:25

Tgt Ion: 136 Resp: 102378

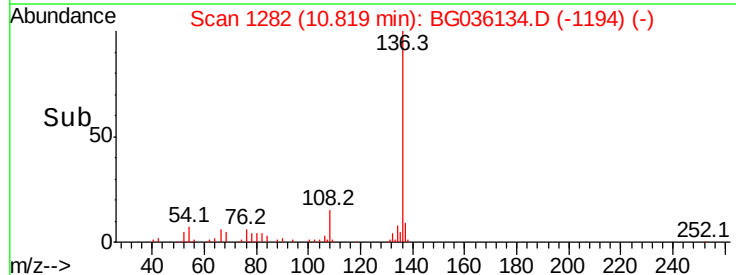
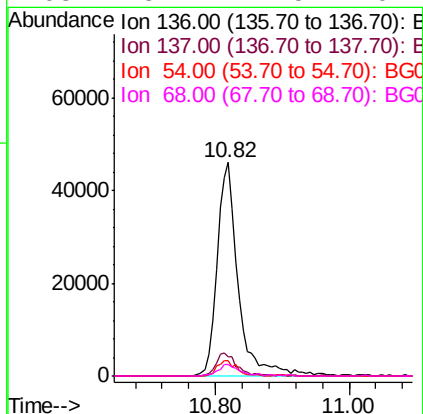
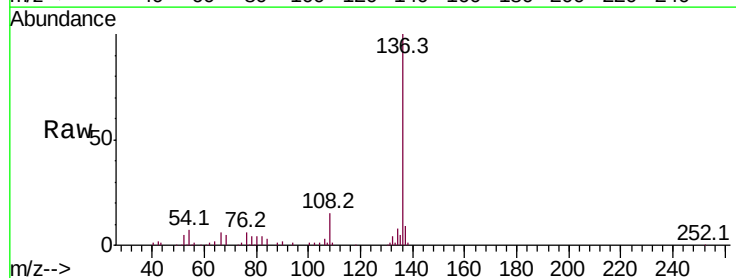
Ion Ratio Lower Upper

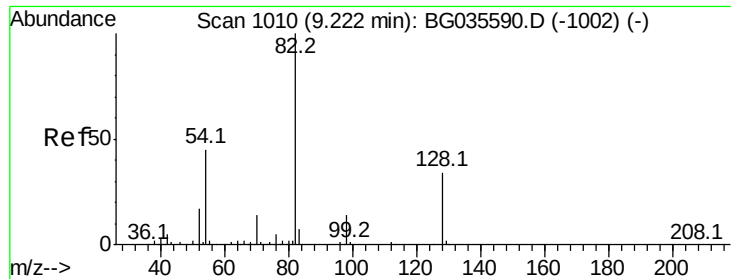
136 100

137 8.9 9.2 13.8#

54 7.4 10.3 15.5#

68 5.4 4.5 6.7

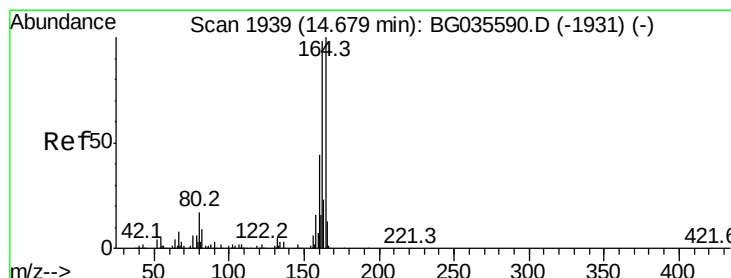
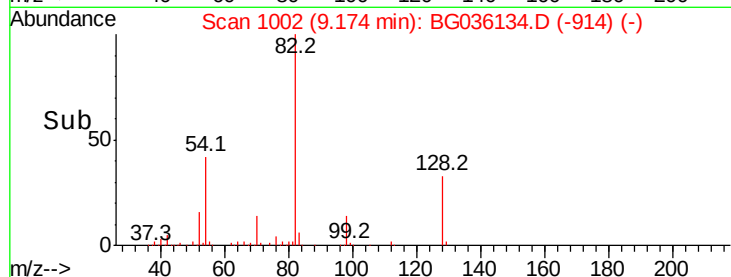
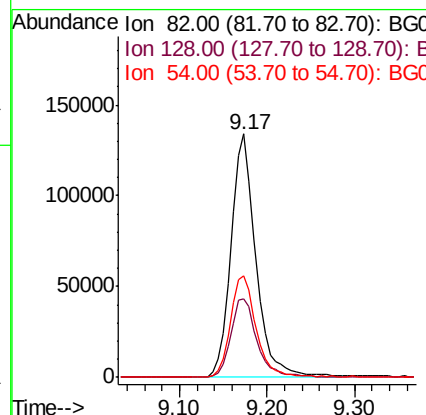
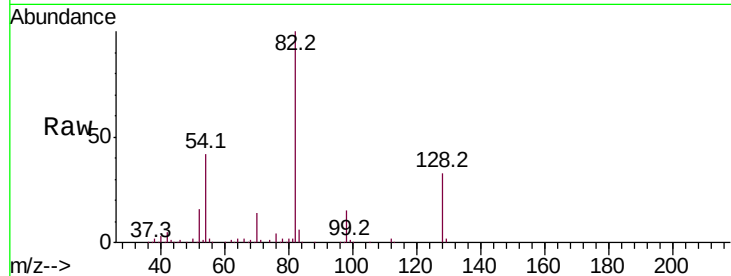




#23
 Nitrobenzene-d5
 Concen: 106.268 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036134.D
 Acq: 6 Aug 2018 19:25

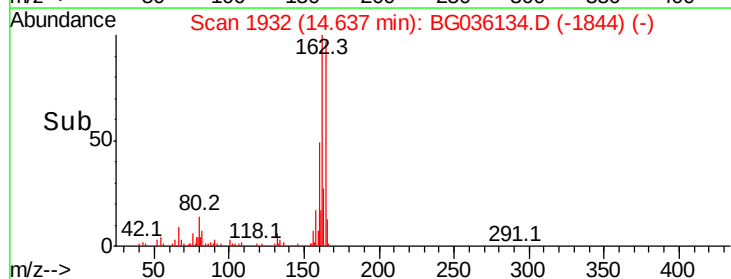
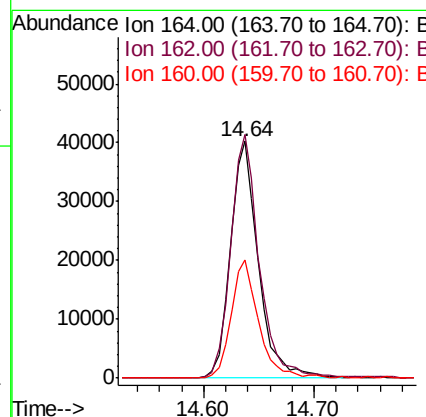
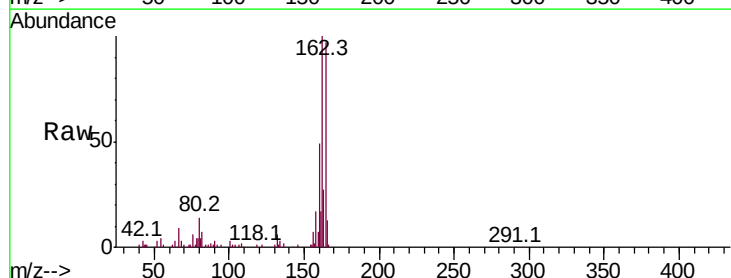
Instrument :
 BNA_G
 ClientSampleId :
 C-12

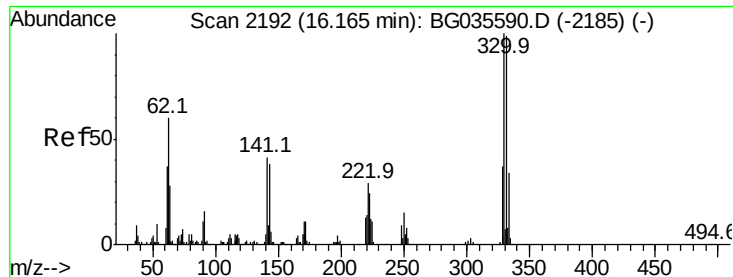
Tot Ion	82	Resp	260432
Ion Ratio	100	Lower	Upper
128	32.5	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036134.D
 Acq: 6 Aug 2018 19:25

Tgt Ion	164	Resp	71352
Ion Ratio	100	Lower	Upper
162	102.7	78.8	118.2
160	49.8	35.4	53.0

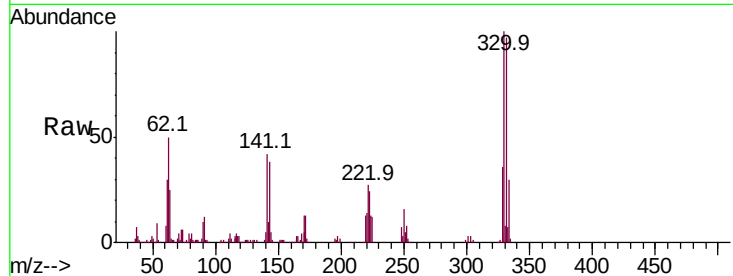




#41
 2,4,6-Tribromophenol
 Concen: 203.241 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036134.D
 Acq: 6 Aug 2018 19:25

Instrument :
 BNA_G
 ClientSampled :
 C-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	39.6	25.2	37.8#

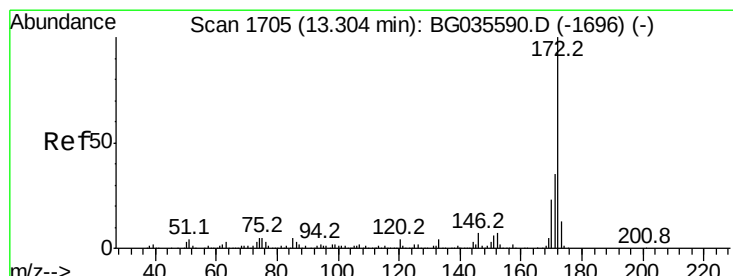
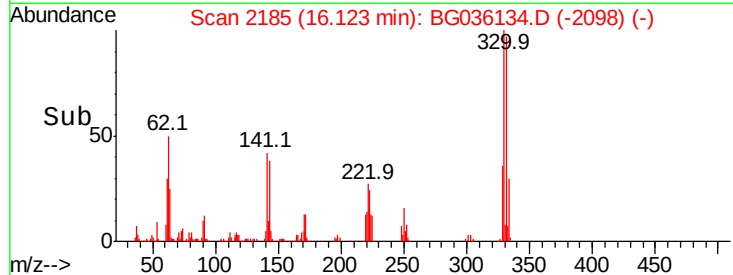
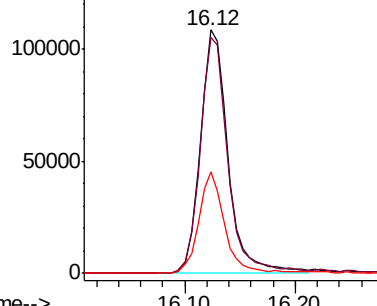


Abundance

Ion 329.80 (329.50 to 330.50): E

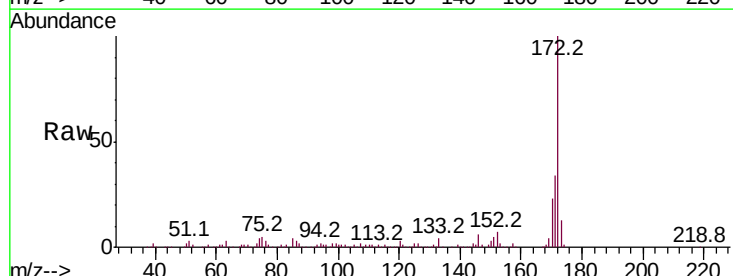
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.587 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036134.D
 Acq: 6 Aug 2018 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.2	19.5	29.3

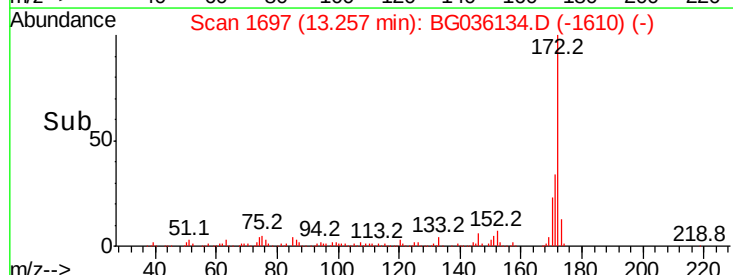
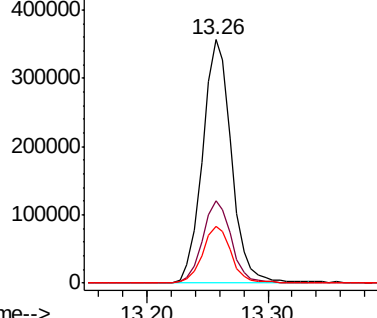


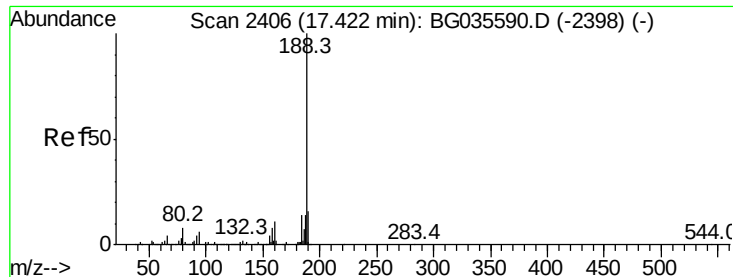
Abundance

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: BG036134.D

Acq: 6 Aug 2018 19:25

Instrument :

BNA_G

ClientSampleId :

C-12

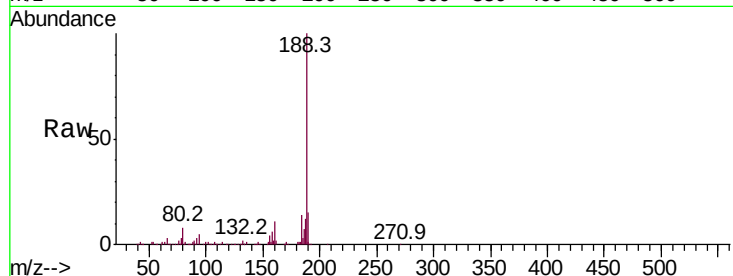
Tot Ion:188 Resp: 210652

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

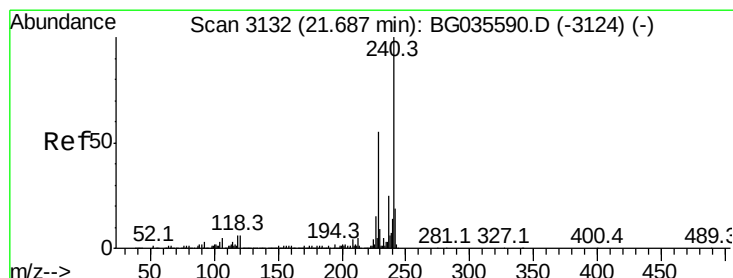
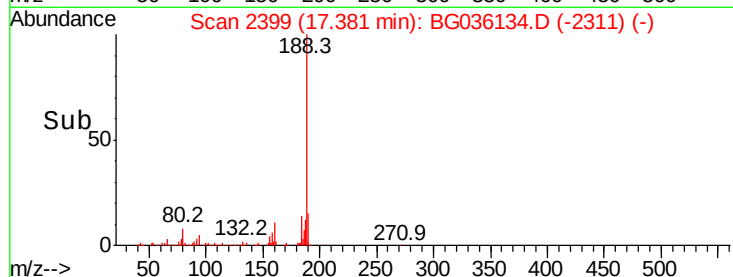
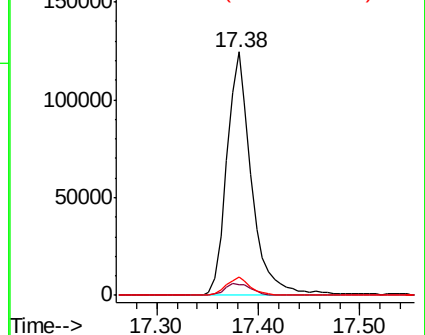
80 7.6 7.7 11.5#



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: BG036134.D

Acq: 6 Aug 2018 19:25

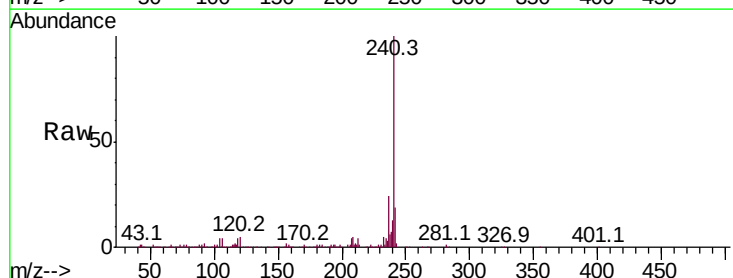
Tgt Ion:240 Resp: 238519

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

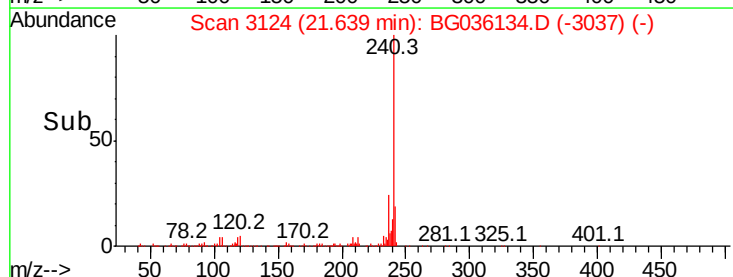
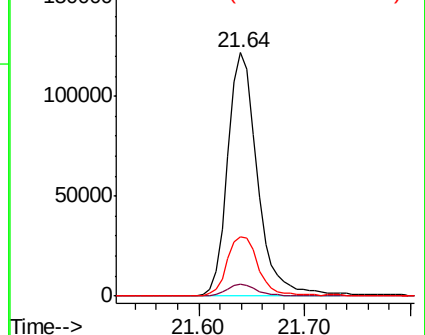
236 24.2 20.9 31.3

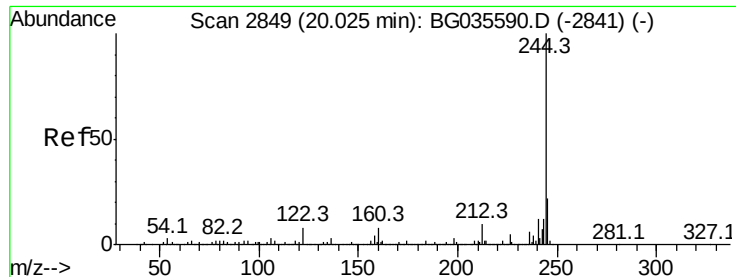


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

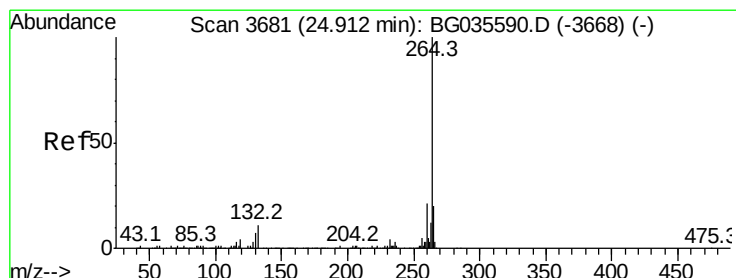
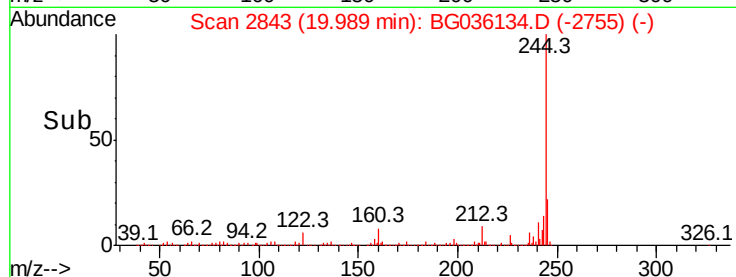
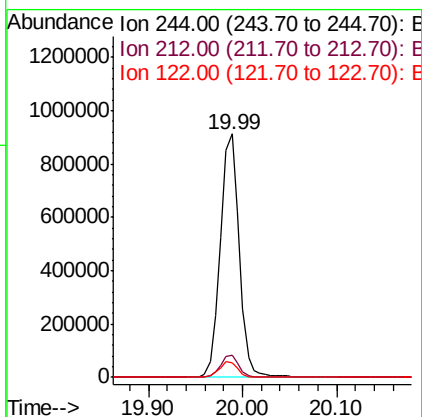
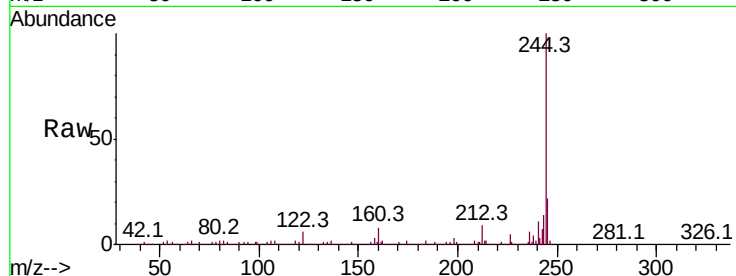




#78
 Terphenyl-d14
 Concen: 118.681 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036134.D
 Acq: 6 Aug 2018 19:25

Instrument :
 BNA_G
 ClientSampleId :
 C-12

Tot Ion:244 Resp: 1284203
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 6.2 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: BG036134.D
 Acq: 6 Aug 2018 19:25

Tgt Ion:264 Resp: 221729
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 24.6 17.7 26.5

