

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036244.D
 Acq On : 9 Aug 2018 22:13
 Operator : JU/SJ
 Sample : J4379-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-08082018

Quant Time: Aug 10 05:53:39 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	8.00	152	27214	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	96111	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	70403	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	199278	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	206154	20.00	ng	-0.02
86) Perylene-d12	24.84	264	191724	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	93263	56.90	ng	0.00
7) Phenol-d6	7.19	99	77066	31.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	223361	97.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	164763	177.55	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	495951	94.38	ng	-0.02
78) Terphenyl-d14	19.99	244	1008718	107.86	ng	-0.01

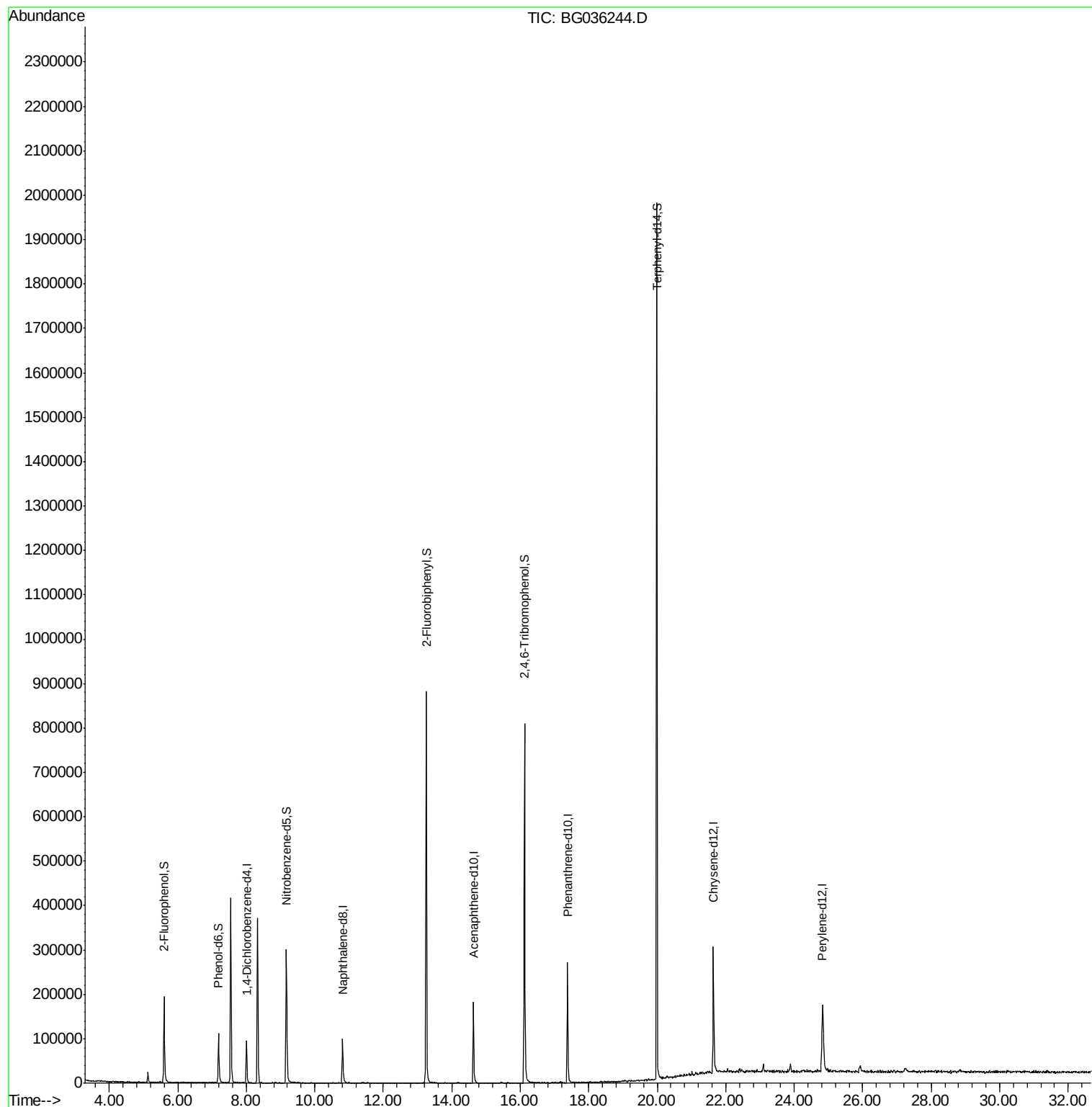
Target Compounds Qvalue

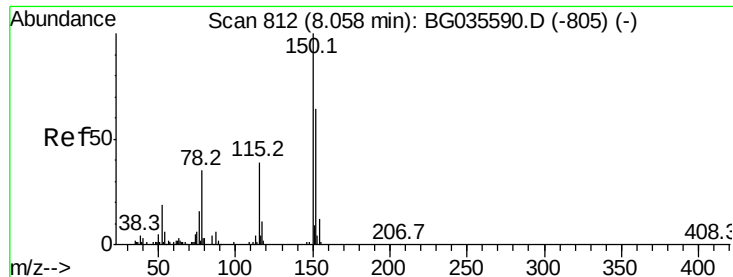
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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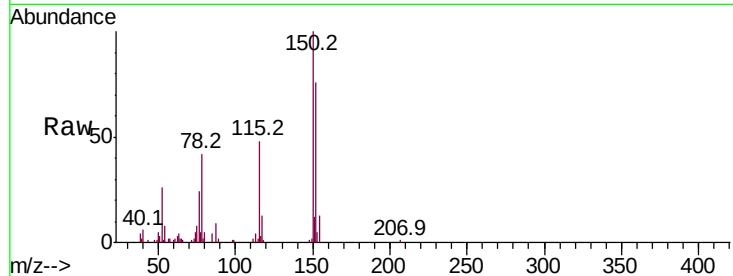


#1

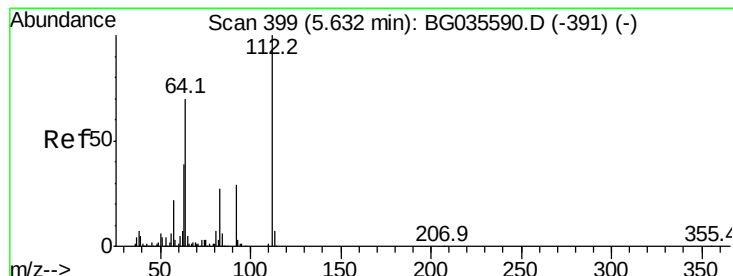
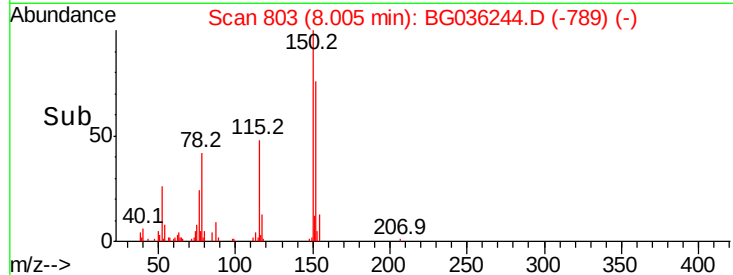
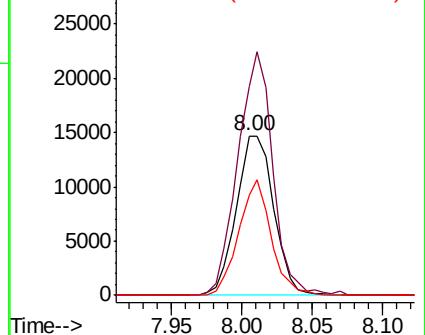
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036244.D
Acq: 9 Aug 2018 22:13

Instrument :
BNA_G
ClientSampleId :
FB-08082018

Tot Ion:152 Resp: 27214
Ion Ratio Lower Upper
152 100
150 131.6 126.6 189.8
115 63.2 53.0 79.4



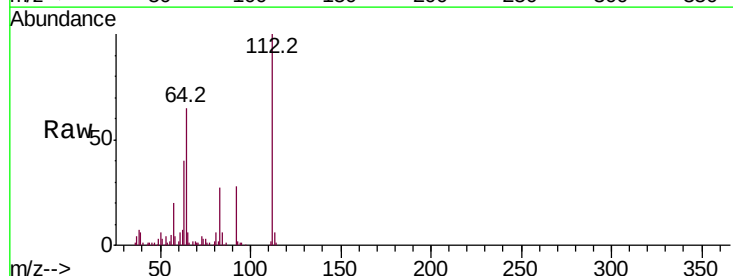
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



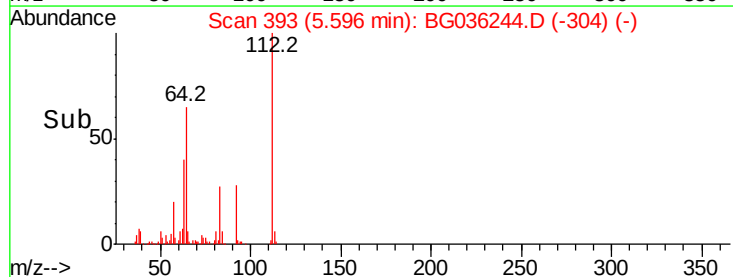
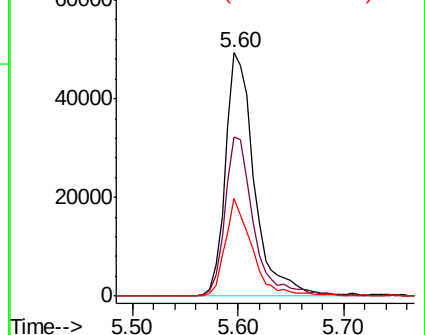
#5

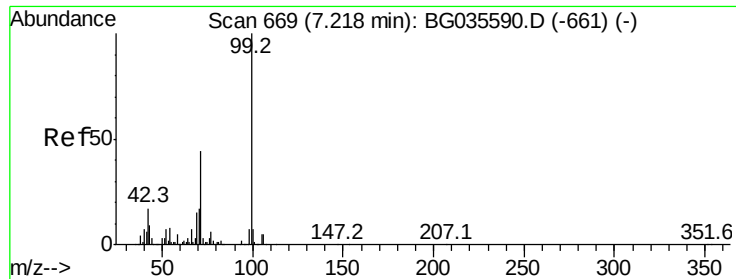
2-Fluorophenol
Concen: 56.897 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036244.D
Acq: 9 Aug 2018 22:13

Tgt Ion:112 Resp: 93263
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 40.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.512 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036244.D

Acq: 9 Aug 2018 22:13

Instrument :

BNA_G

ClientSampleId :

FB-08082018

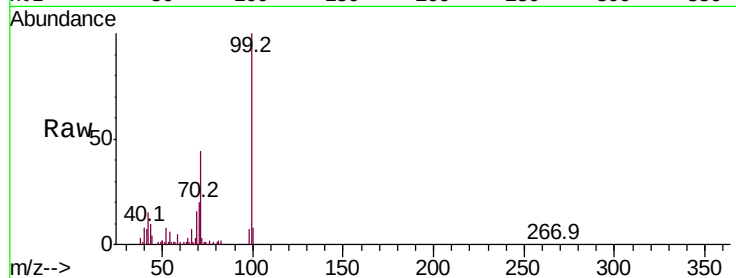
Tot Ion: 99 Resp: 77066

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

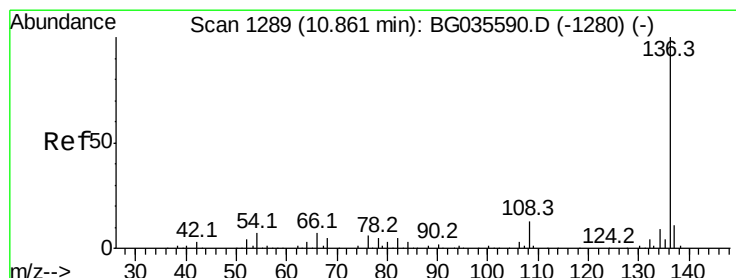
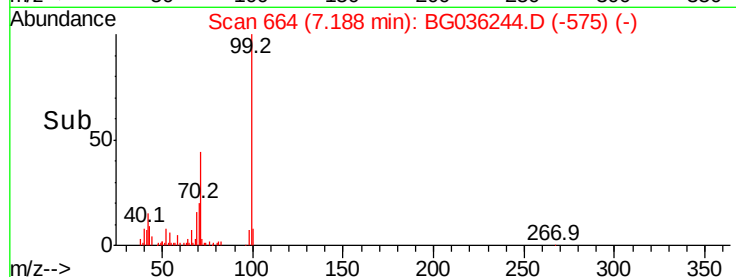
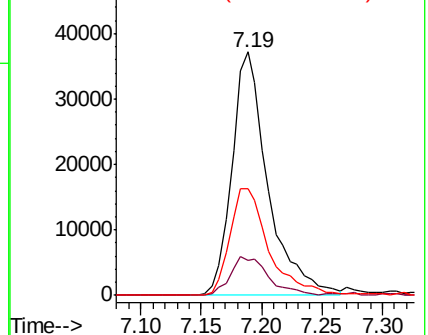
71 44.0 26.1 39.1#



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: BG036244.D

Acq: 9 Aug 2018 22:13

Tgt Ion: 136 Resp: 96111

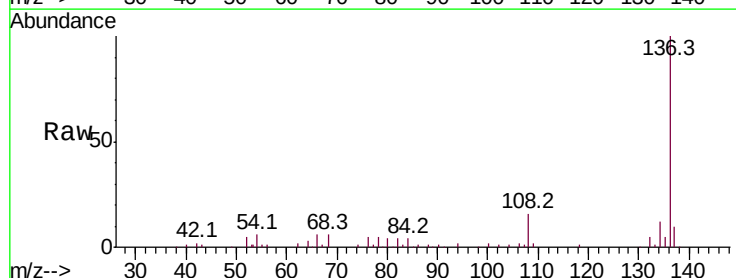
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 5.9 10.3 15.5#

68 5.7 4.5 6.7

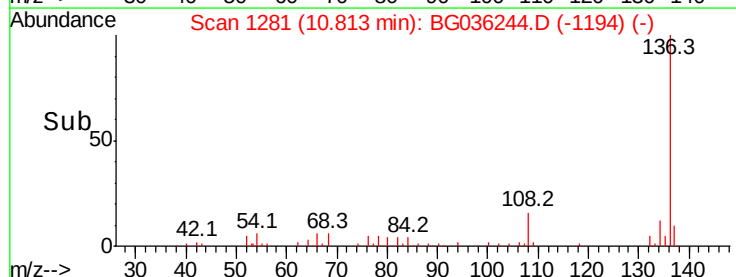
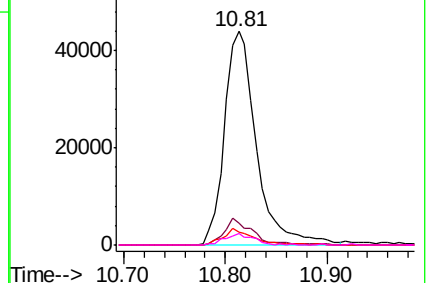


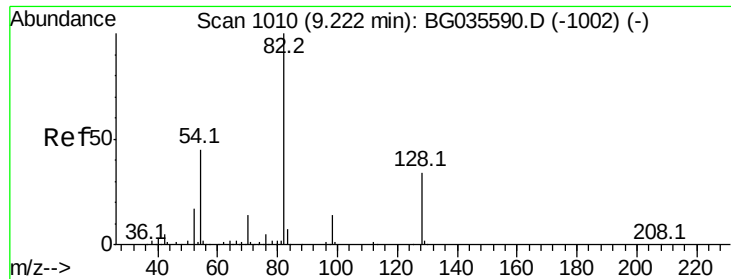
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

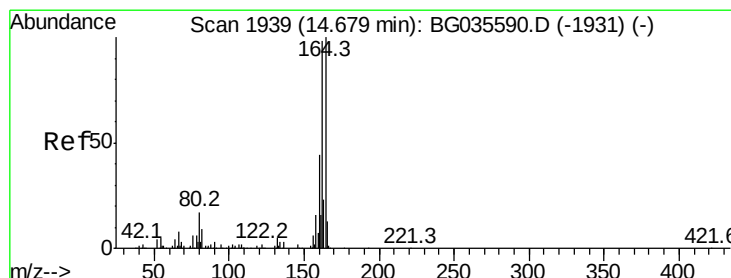
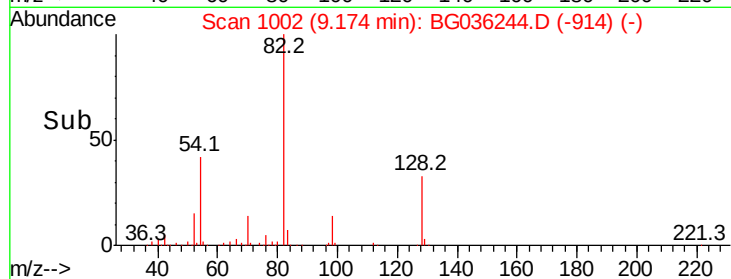
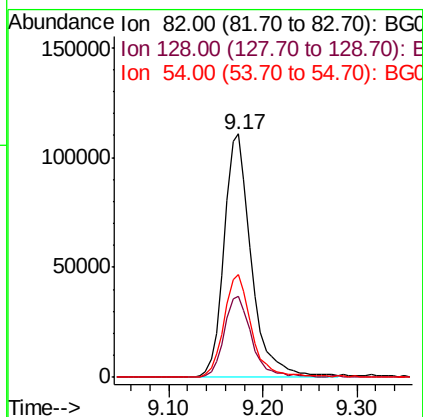
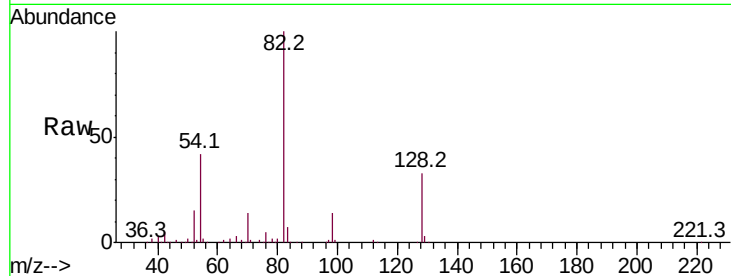




#23
 Nitrobenzene-d5
 Concen: 97.084 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

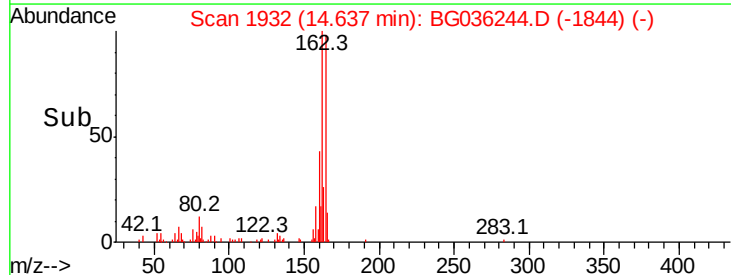
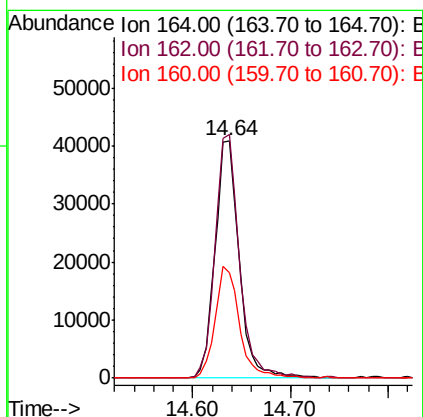
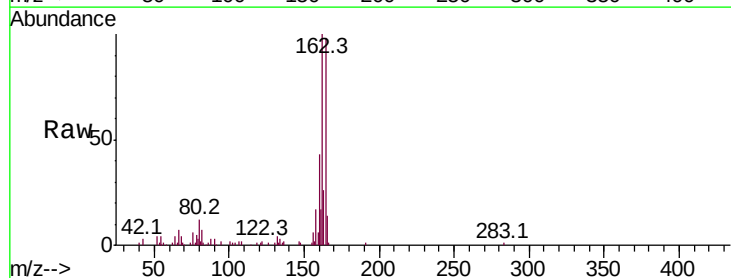
Instrument :
 BNA_G
 ClientSampleId :
 FB-08082018

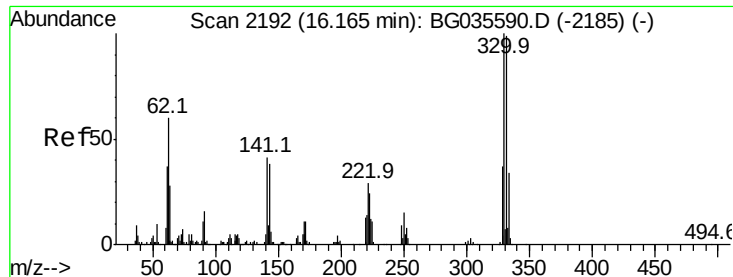
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	42.4	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	44.3	35.4	53.0

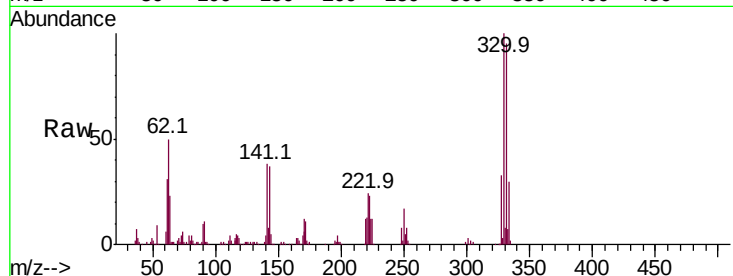




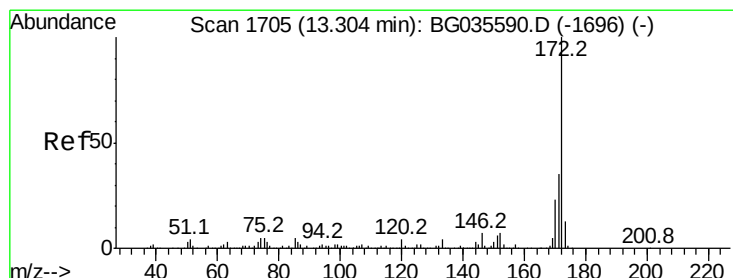
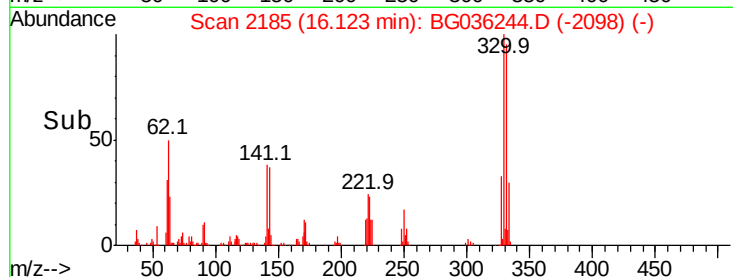
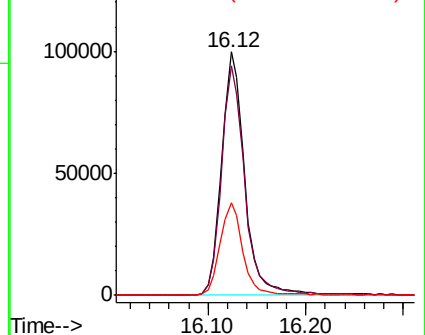
#41
2,4,6-Tribromophenol
Concen: 177.555 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036244.D
Acq: 9 Aug 2018 22:13

Instrument :
BNA_G
ClientSampleId :
FB-08082018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.0	25.2	37.8#

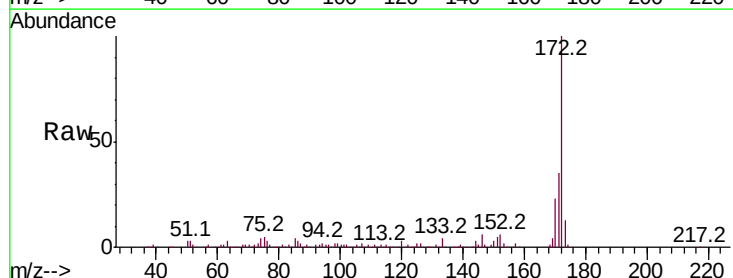


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

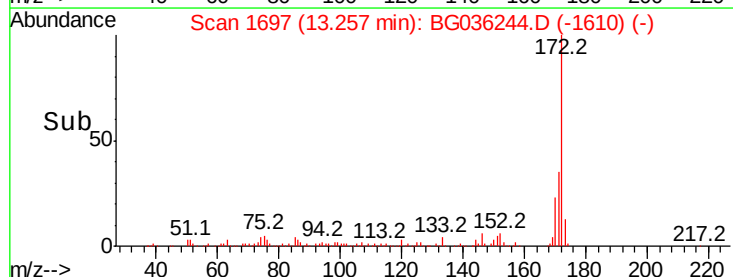
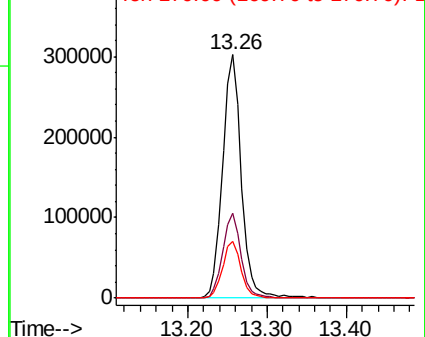


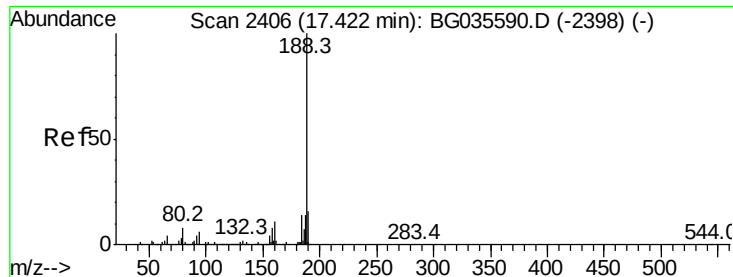
#44
2-Fluorobiphenyl
Concen: 94.377 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036244.D
Acq: 9 Aug 2018 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.1	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

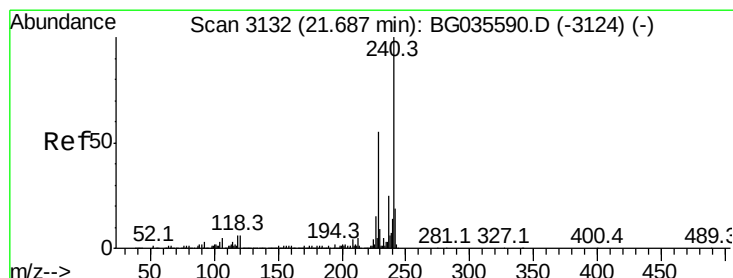
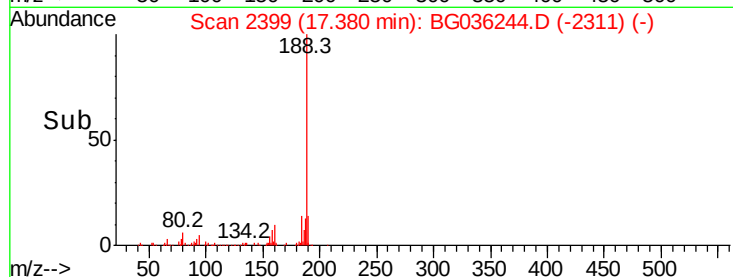
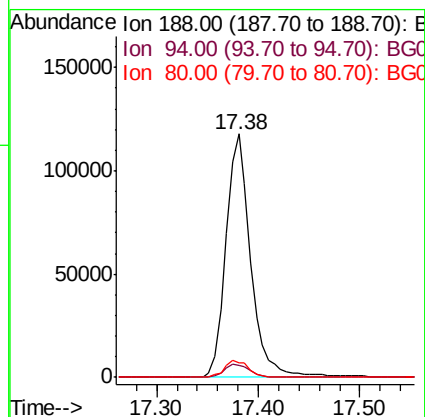
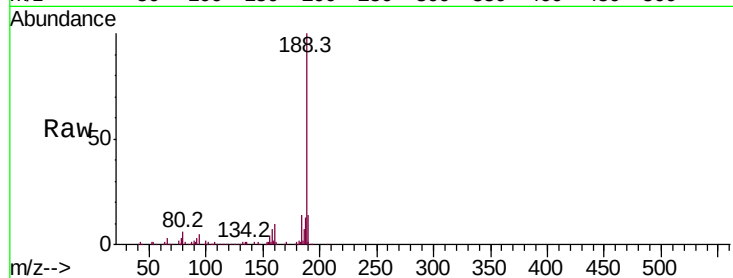




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

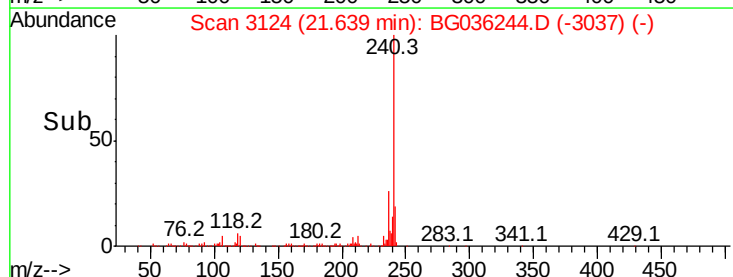
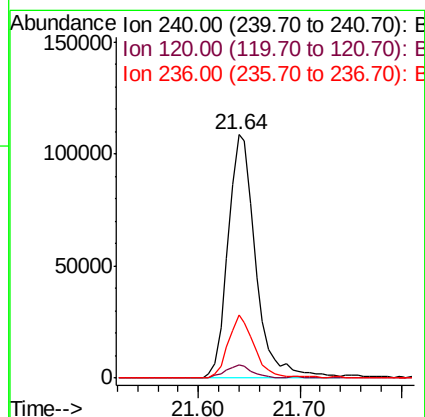
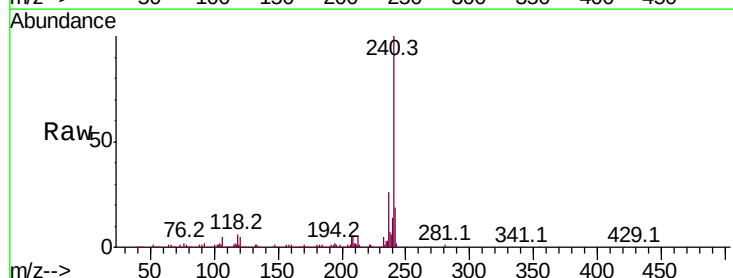
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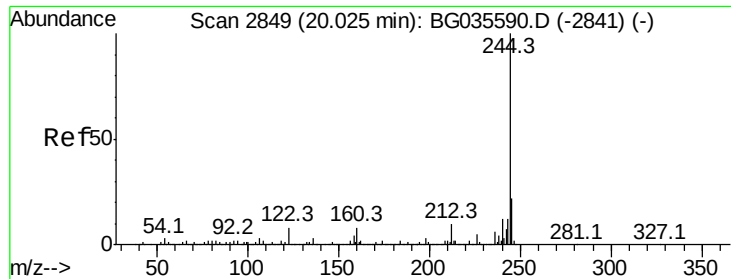
Tot Ion:188 Resp: 199278
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 6.0 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

Tgt Ion:240 Resp: 206154
 Ion Ratio Lower Upper
 240 100
 120 5.2 6.8 10.2#
 236 26.0 20.9 31.3

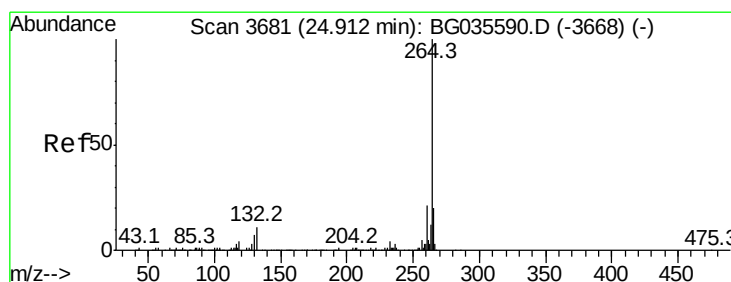
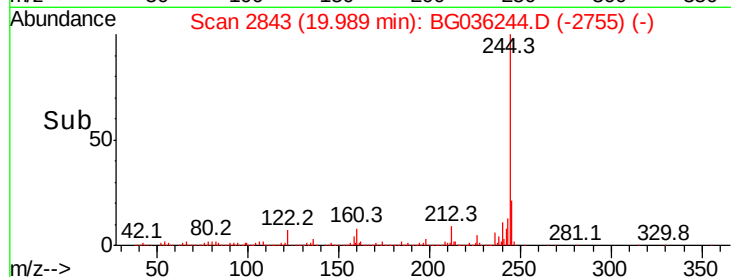
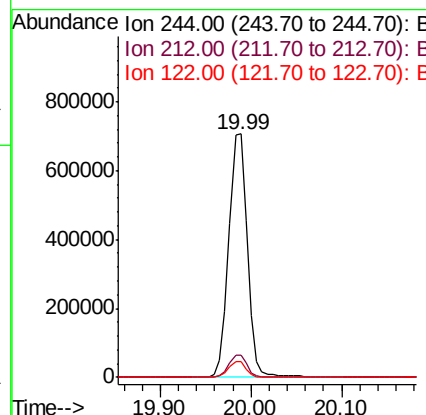
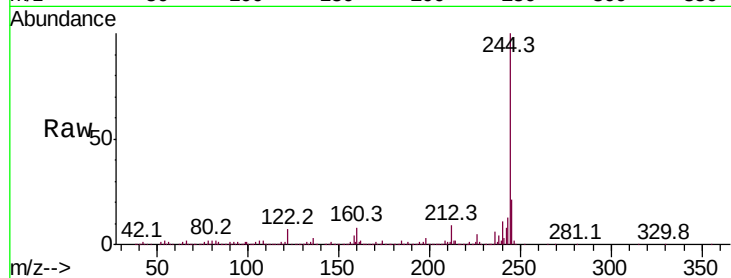




#78
 Terphenyl-d14
 Concen: 107.857 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

Instrument :
 BNA_G
 ClientSampleId :
 FB-08082018

Tot Ion:244 Resp: 1008718
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3668
 Delta R.T. -0.03 min
 Lab File: BG036244.D
 Acq: 9 Aug 2018 22:13

Tgt Ion:264 Resp: 191724
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.4 26.0
 265 19.9 17.7 26.5

