

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036274.D
 Acq On : 10 Aug 2018 19:23
 Operator : JU/SJ
 Sample : J4379-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-102I

Quant Time: Aug 10 23:44:50 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	26816	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93191	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67319	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	182522	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	194639	20.00	ng	-0.02
86) Perylene-d12	24.82	264	182223	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95039	58.84	ng	0.00
7) Phenol-d6	7.18	99	81186	33.69	ng	-0.01
23) Nitrobenzene-d5	9.17	82	221407	99.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	147250	165.95	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	511402	101.78	ng	-0.02
78) Terphenyl-d14	19.98	244	921066	104.31	ng	-0.02

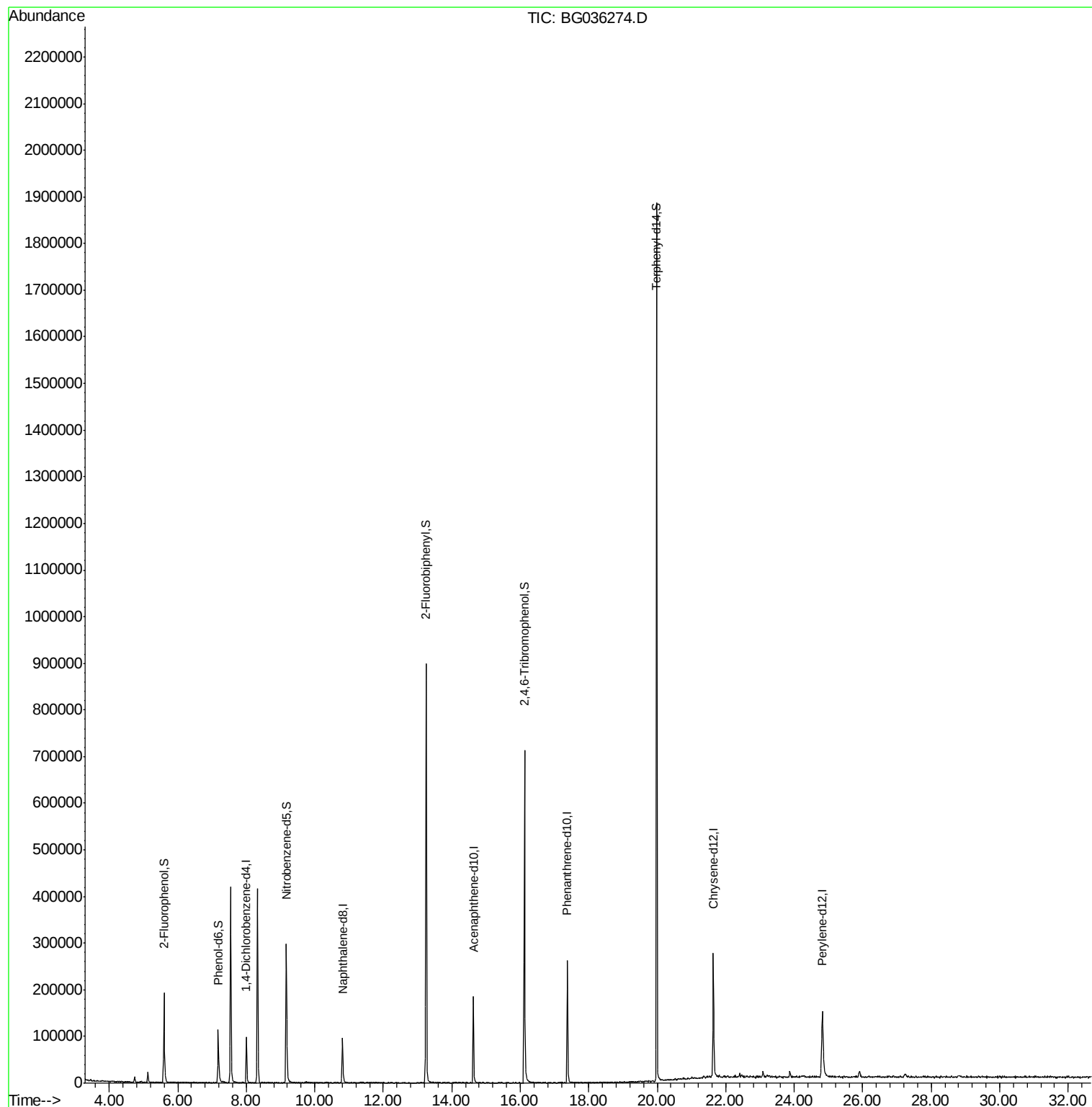
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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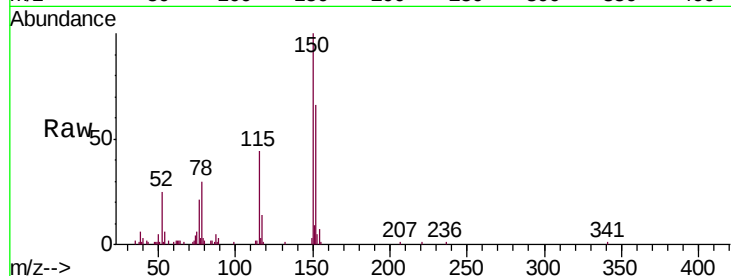


#1

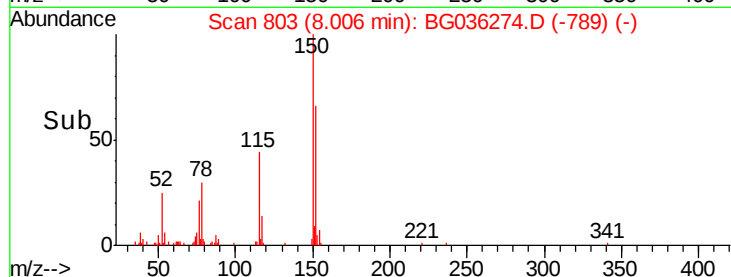
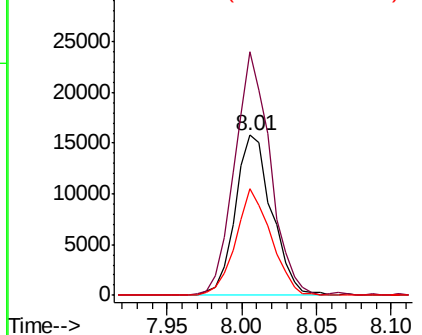
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:152 Resp: 26816
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 66.8 53.0 79.4



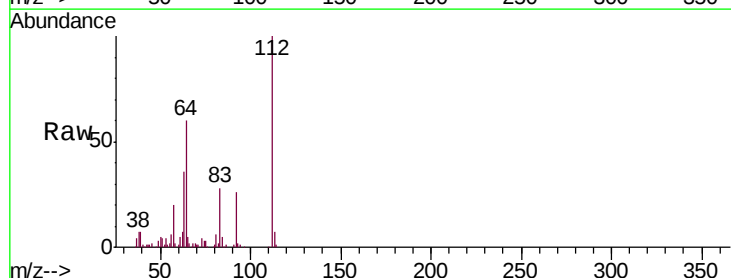
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



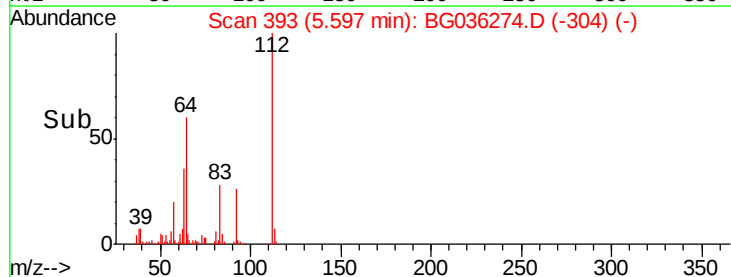
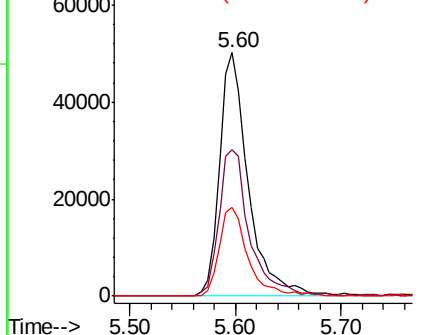
#5

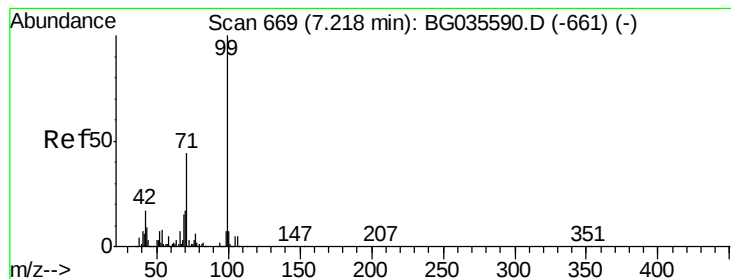
2-Fluorophenol
Concen: 58.841 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion:112 Resp: 95039
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 36.2 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: 33.689 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036274.D

Acq: 10 Aug 2018 19:23

Instrument :

BNA_G

ClientSampleId :

MW-102I

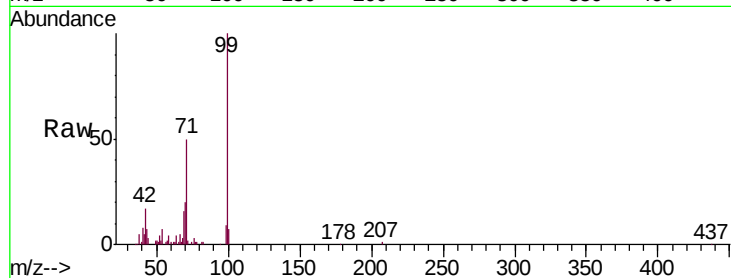
Tgt Ion: 99 Resp: 81186

Ion Ratio Lower Upper

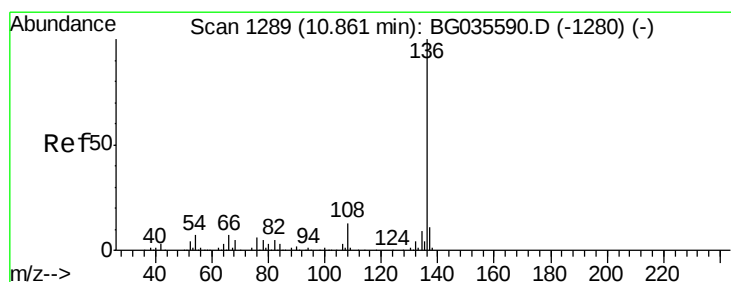
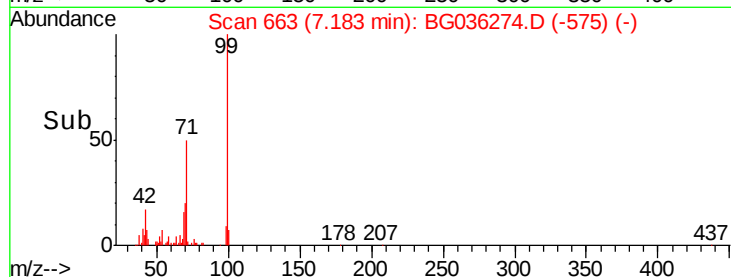
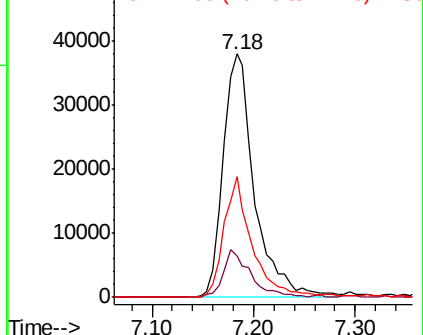
99 100

42 17.2 14.1 21.1

71 49.8 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# 1280

Delta R.T. -0.02 min

Lab File: BG036274.D

Acq: 10 Aug 2018 19:23

Tgt Ion: 136 Resp: 93191

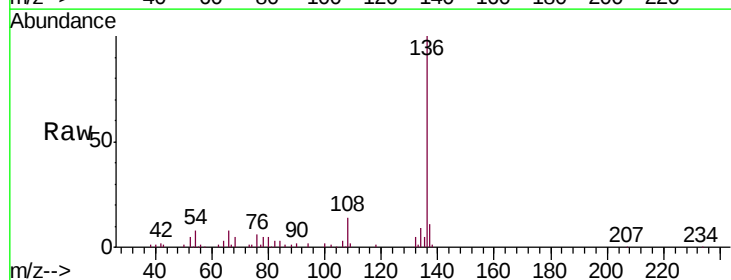
Ion Ratio Lower Upper

136 100

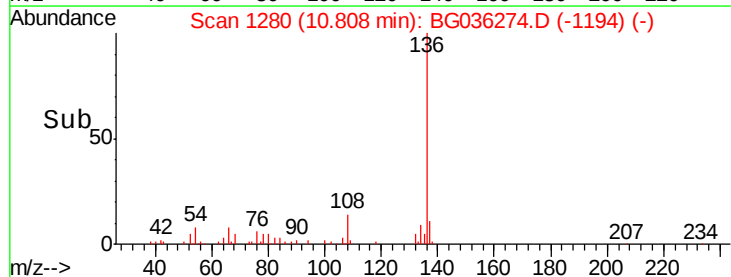
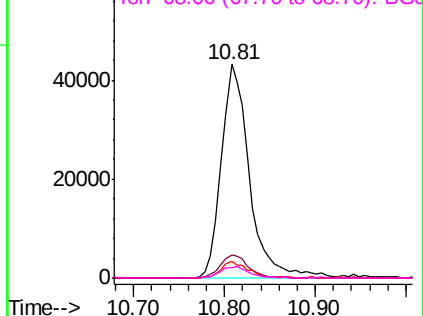
137 10.7 9.2 13.8

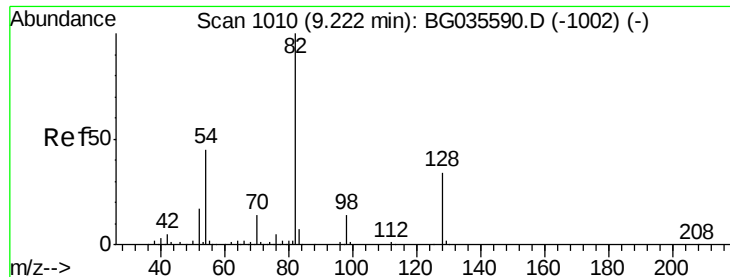
54 7.7 10.3 15.5#

68 4.8 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

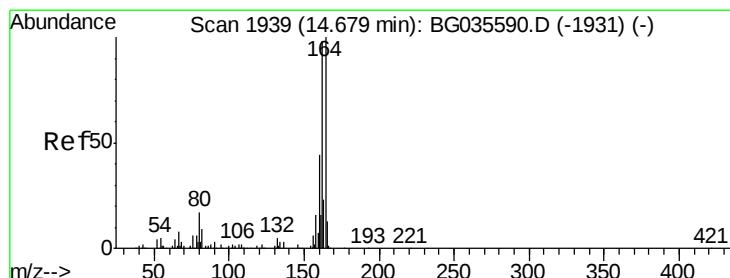
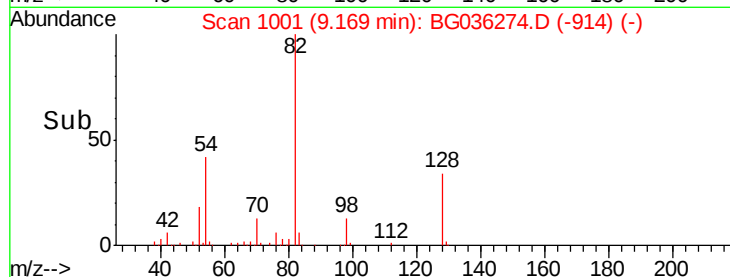
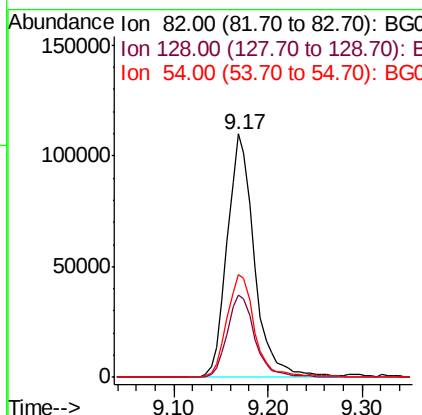
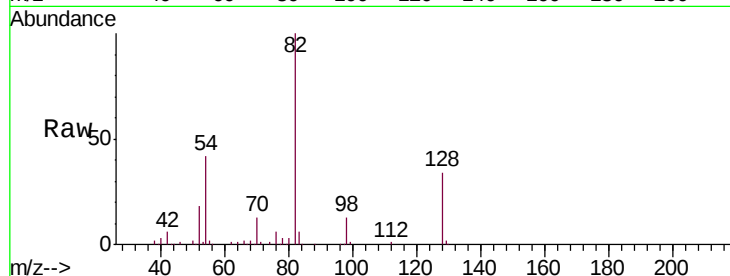




#23
Nitrobenzene-d5
Concen: 99.250 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

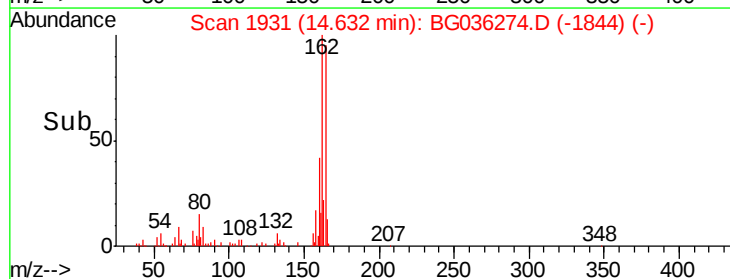
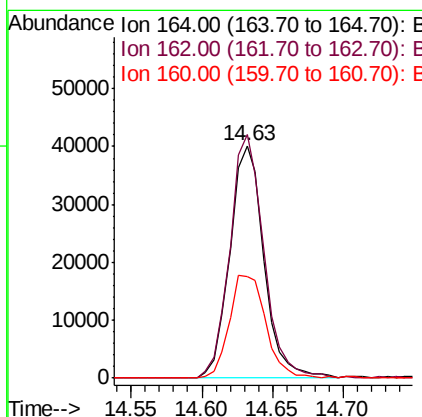
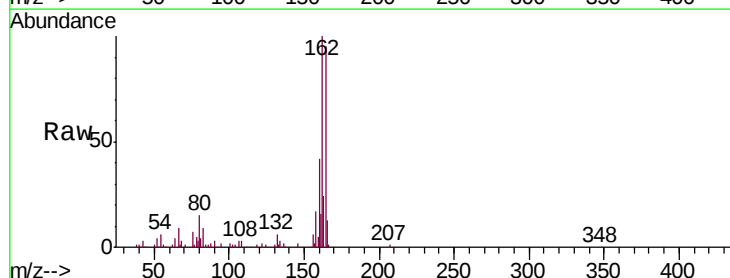
Instrument :
BNA_G
ClientSampleId :
MW-102I

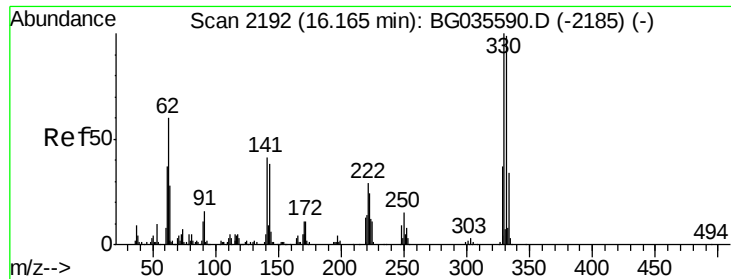
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.2	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036274.D
Acq: 10 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	43.8	35.4	53.0

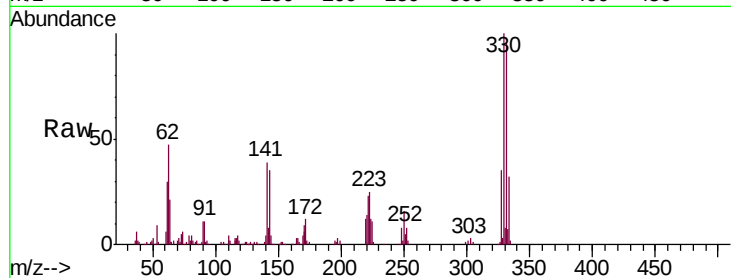




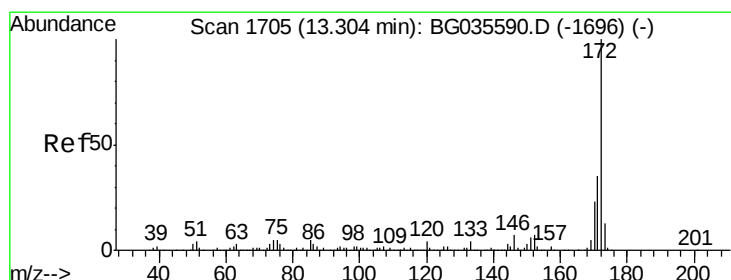
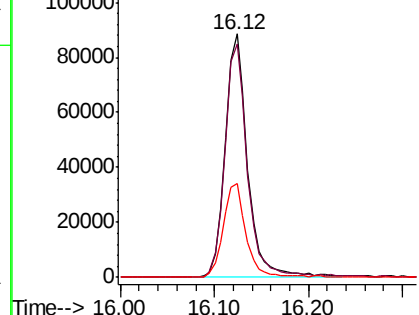
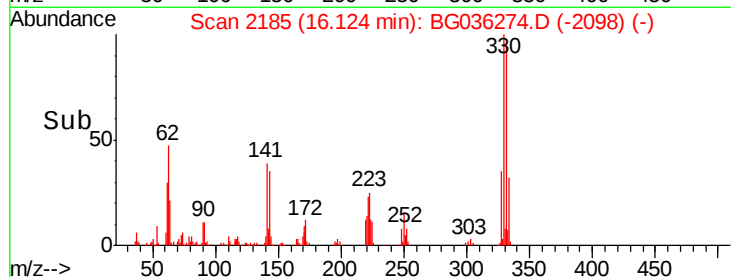
#41
 2,4,6-Tribromophenol
 Concen: 165.951 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036274.D
 Acq: 10 Aug 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-102I

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.0	25.2	37.8#

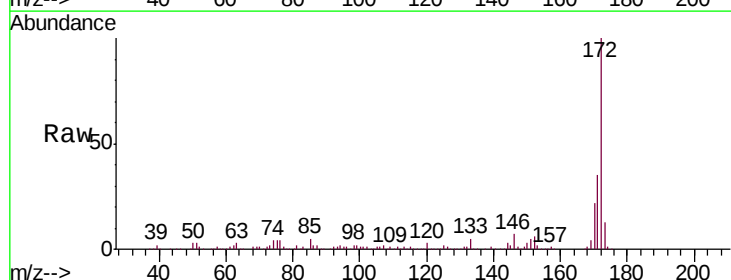


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

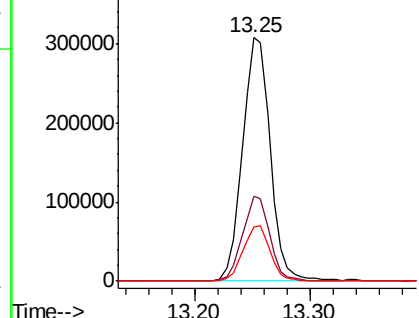
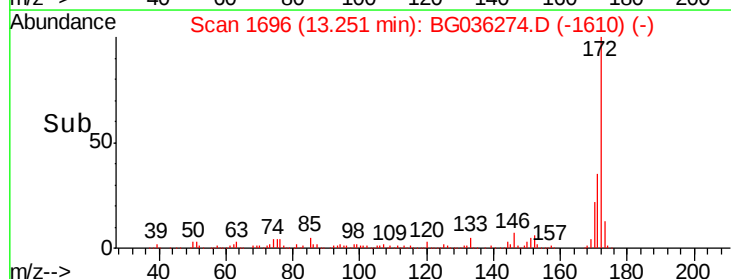


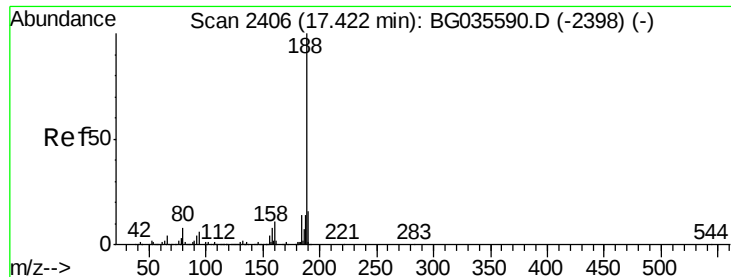
#44
 2-Fluorobiphenyl
 Concen: 101.776 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036274.D
 Acq: 10 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.5	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: BG036274.D

Acq: 10 Aug 2018 19:23

Instrument :

BNA_G

ClientSampleId :

MW-102I

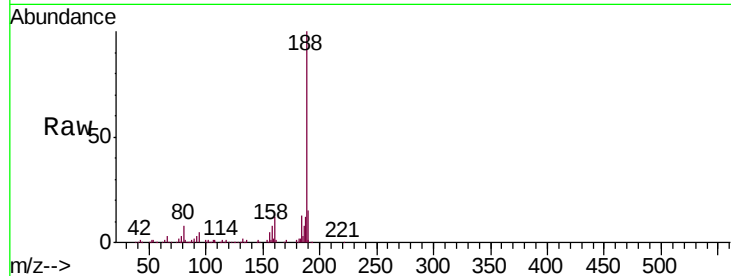
Tgt Ion:188 Resp: 182522

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

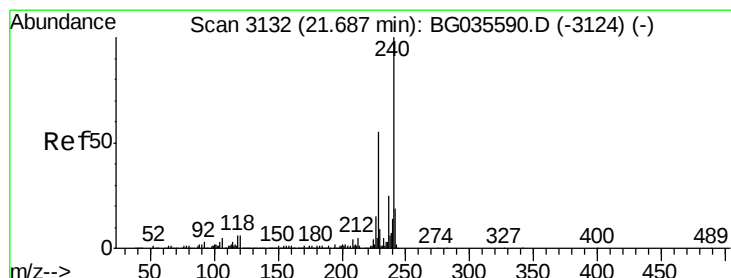
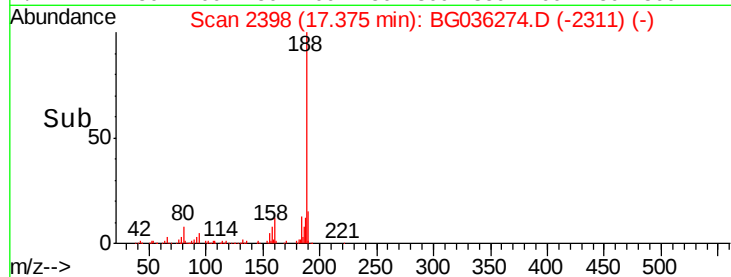
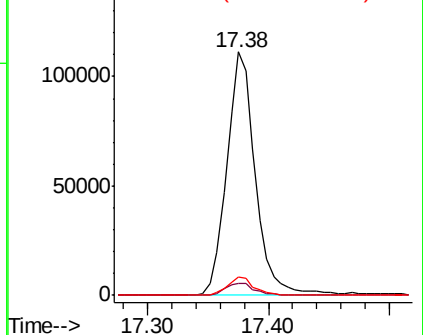
80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036274.D

Acq: 10 Aug 2018 19:23

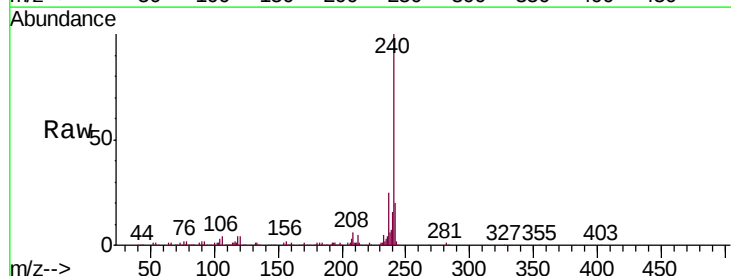
Tgt Ion:240 Resp: 194639

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

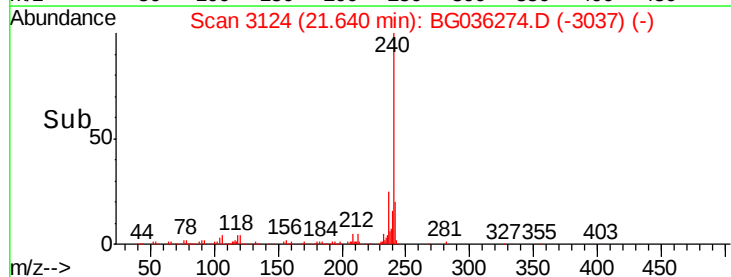
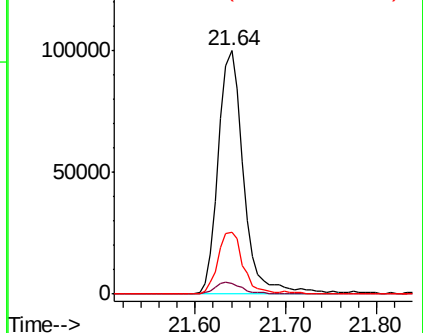
236 25.4 20.9 31.3

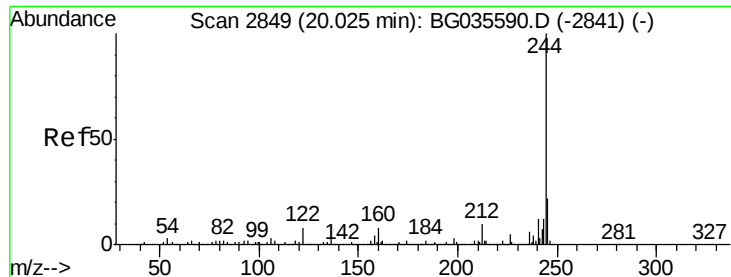


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.311 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036274.D

Acq: 10 Aug 2018 19:23

Instrument :

BNA_G

ClientSampleId :

MW-102I

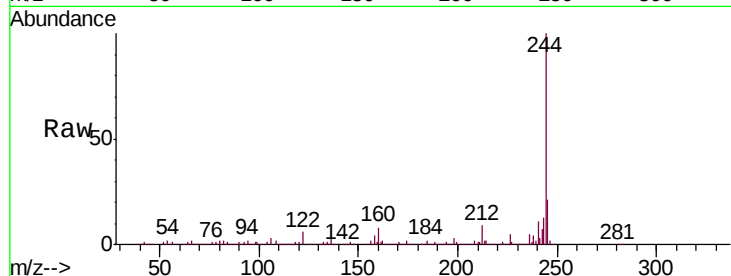
Tgt Ion:244 Resp: 921066

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

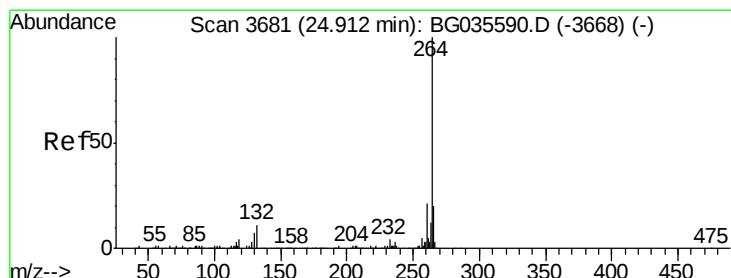
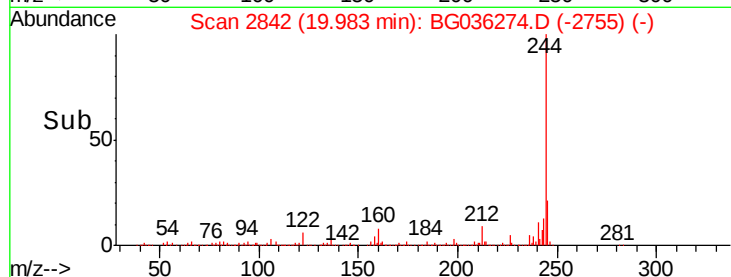
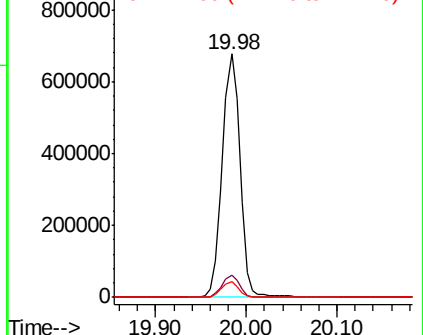
122 6.4 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036274.D

Acq: 10 Aug 2018 19:23

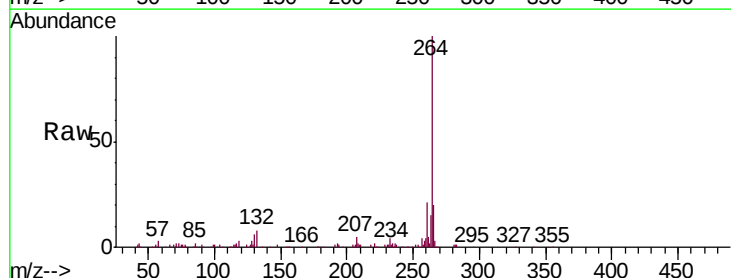
Tgt Ion:264 Resp: 182223

Ion Ratio Lower Upper

264 100

260 20.8 17.4 26.0

265 20.0 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

