

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033046.D
 Acq On : 8 Mar 2018 18:31
 Operator : SJ/JU
 Sample : J1831-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-1-4-BLUE-STONE-DGA

Quant Time: Mar 09 02:26:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

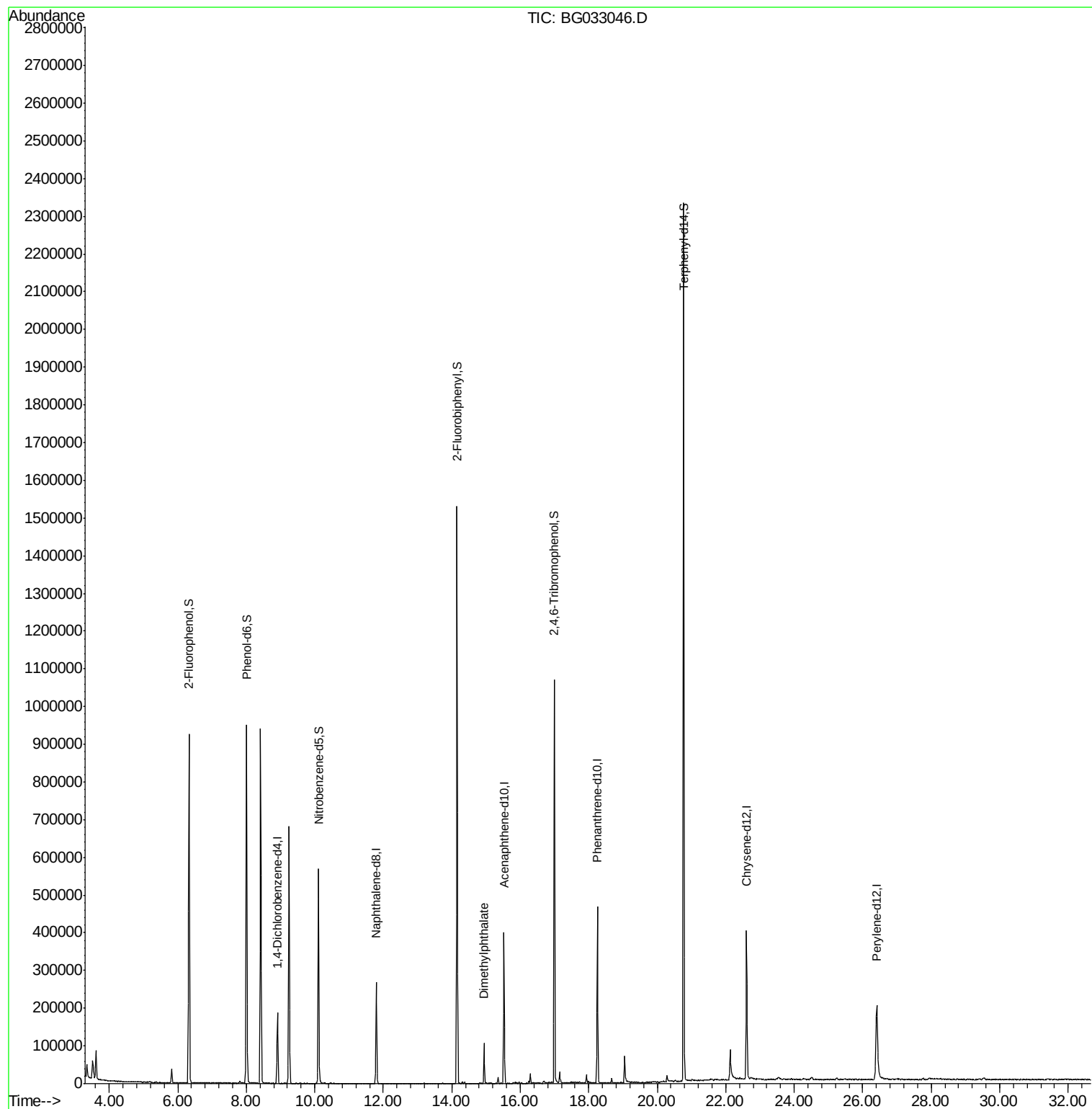
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55401	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	244556	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	139037	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	297783	20.00	ng	0.00
75) Chrysene-d12	22.61	240	270448	20.00	ng	0.00
86) Perylene-d12	26.41	264	271825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	429078	123.91	ng	0.00
7) Phenol-d6	8.01	99	587453	121.71	ng	0.00
23) Nitrobenzene-d5	10.11	82	355088	98.92	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	187840	128.49	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	779258	80.83	ng	0.00
78) Terphenyl-d14	20.77	244	1049072	87.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	68234	5.780	ng	Qvalue # 97

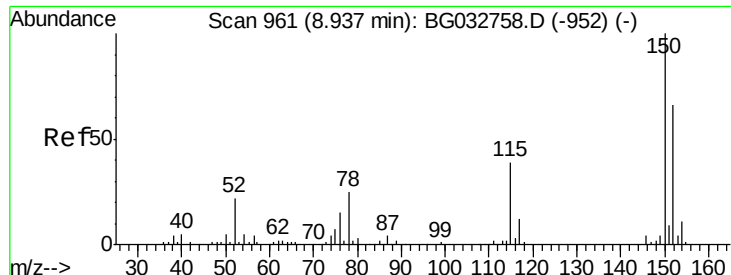
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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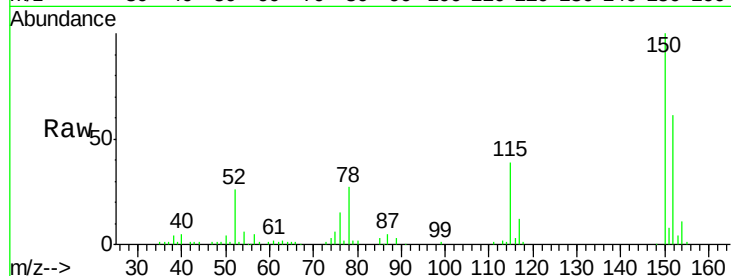


#1

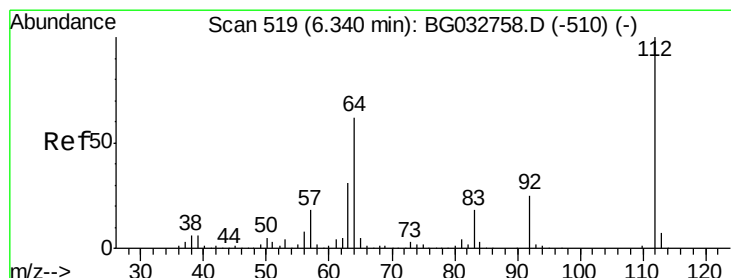
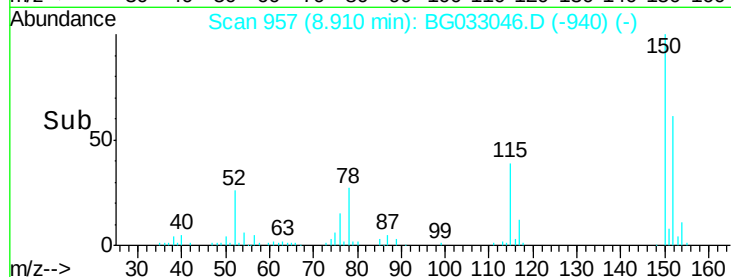
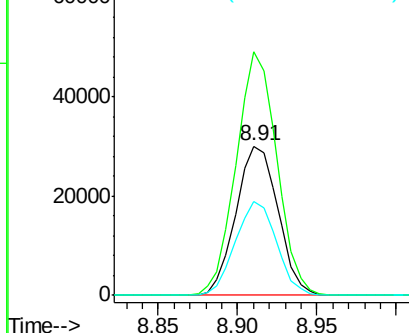
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :
1-1-4-BLUE-STONE-DGA

Tot Ion:152 Resp: 55401
Ion Ratio Lower Upper
152 100
150 163.5 126.6 189.8
115 62.9 53.0 79.4



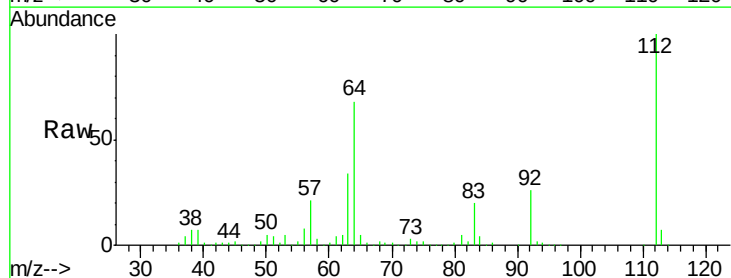
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



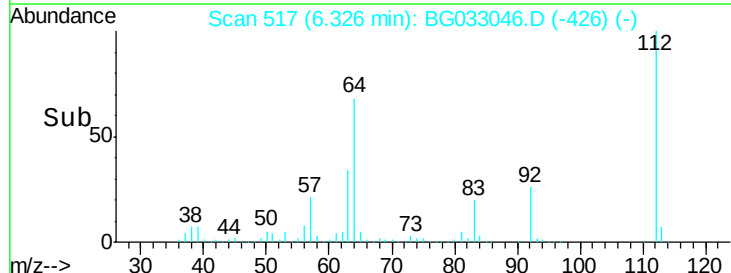
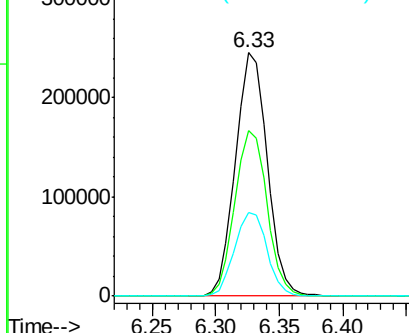
#5

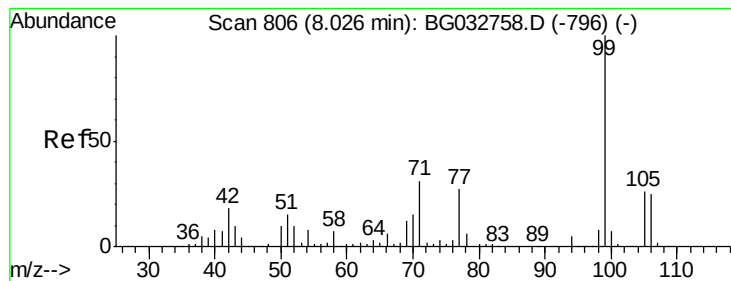
2-Fluorophenol
Concen: 123.908 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:112 Resp: 429078
Ion Ratio Lower Upper
112 100
64 68.1 56.3 84.5
63 34.4 30.1 45.1



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





#7

Phenol-d6

Concen: 121.707 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

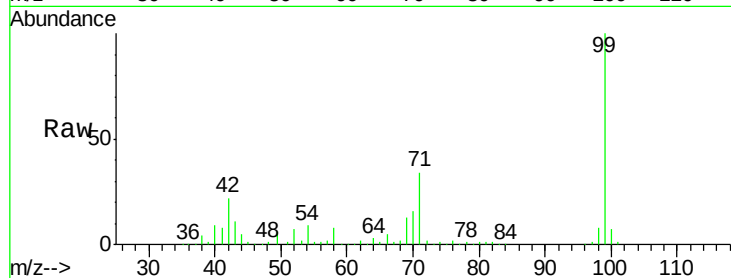
BNA_G

ClientSampleId :

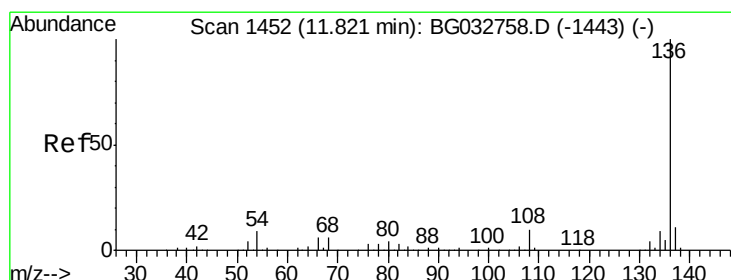
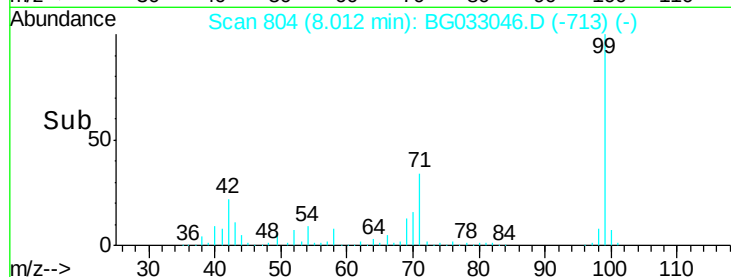
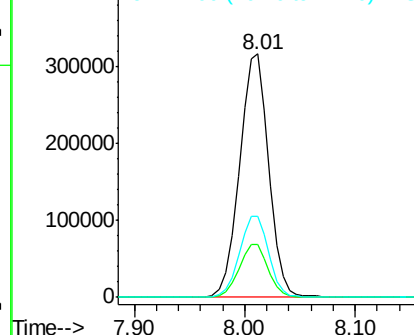
1-1-4-BLUE-STONE-DGA

Tot Ion: 99 Resp: 587453

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.1	21.1#
71	33.5	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: 11.79 min Scan# 1448

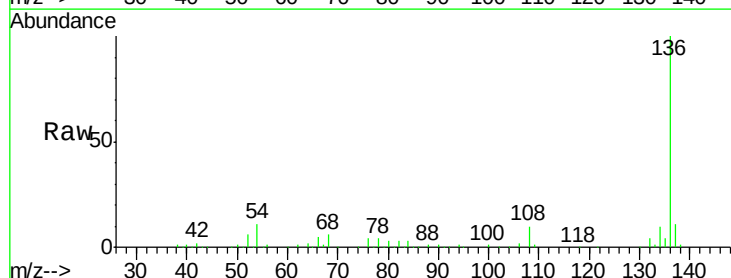
Delta R.T. -0.00 min

Lab File: BG033046.D

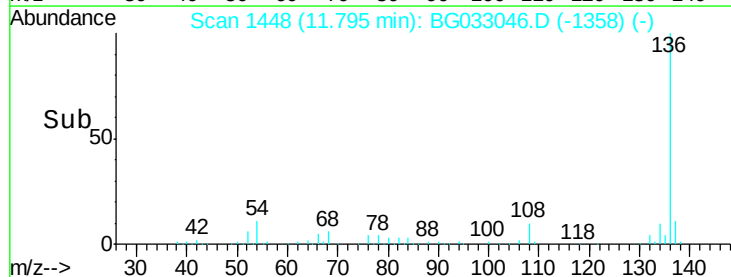
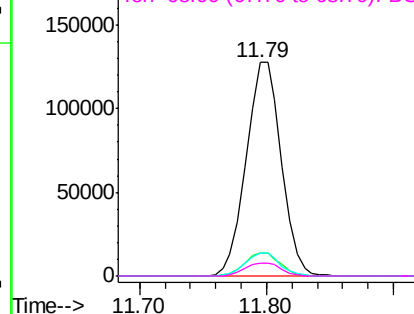
Acq: 8 Mar 2018 18:31

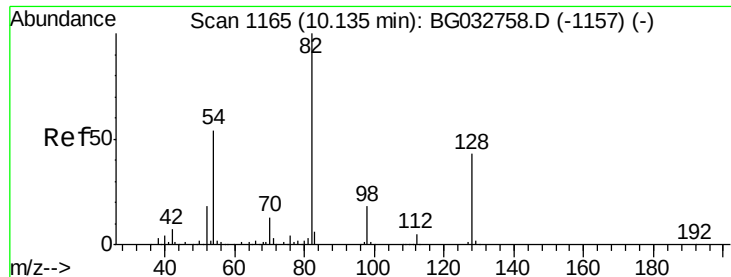
Tgt Ion: 136 Resp: 244556

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.6	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

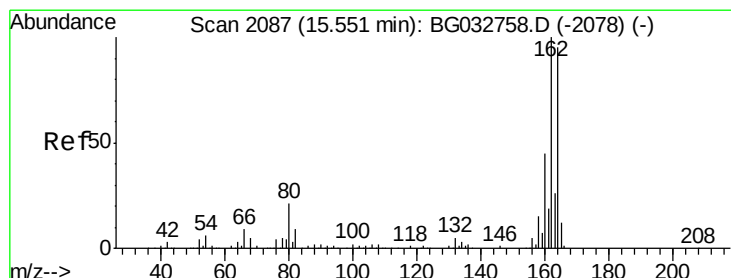
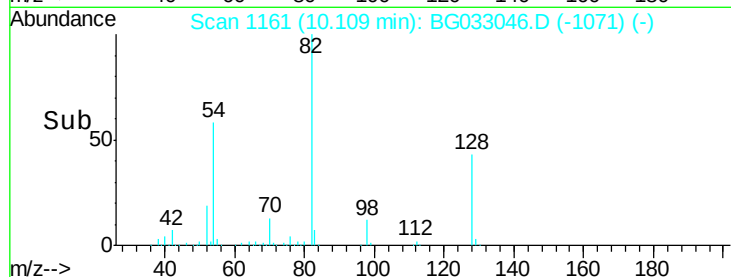
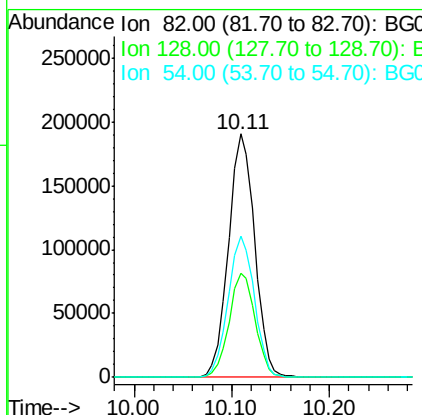
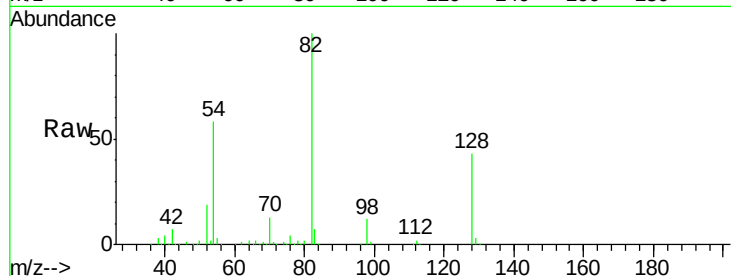




#23
 Nitrobenzene-d5
 Concen: 98.922 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

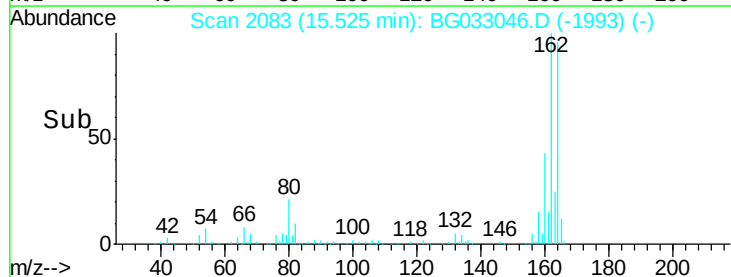
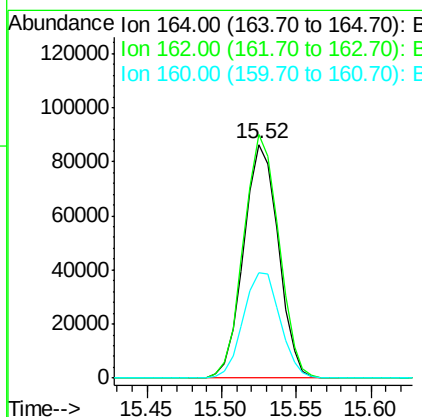
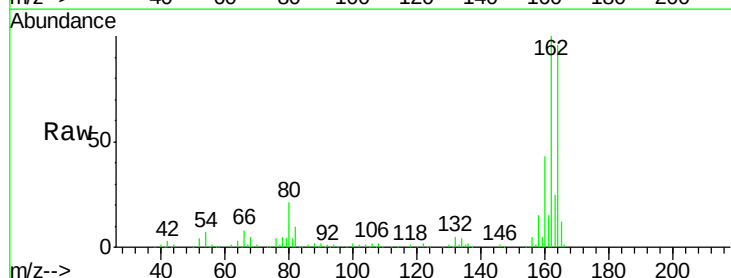
Instrument :
 BNA_G
 ClientSampleId :
 1-1-4-BLUE-STONE-DGA

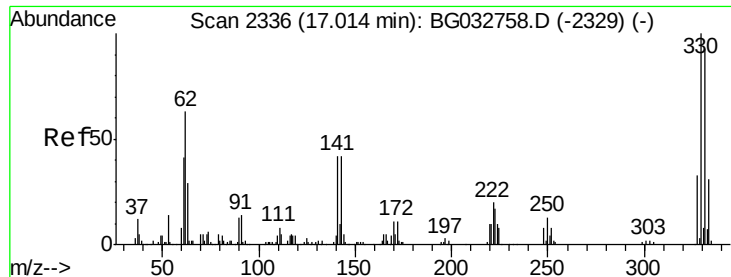
Tot Ion	82	Resp	355088
Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	58.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Tgt Ion	164	Resp	139037
Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	45.3	35.4	53.0

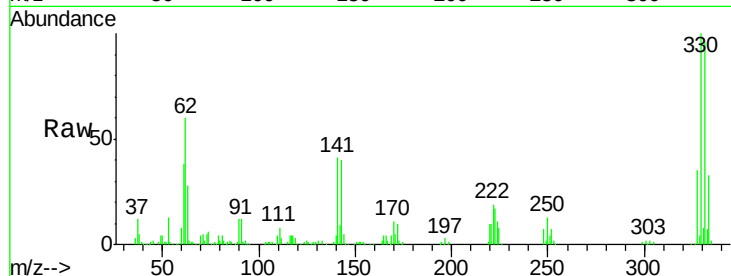




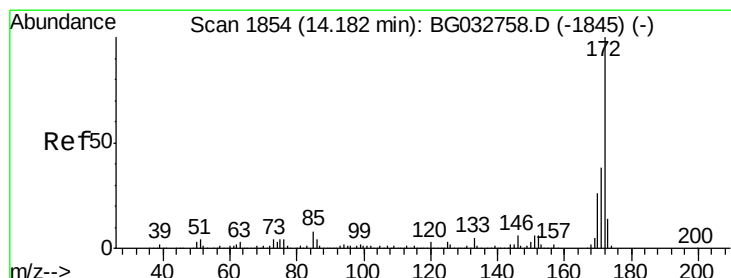
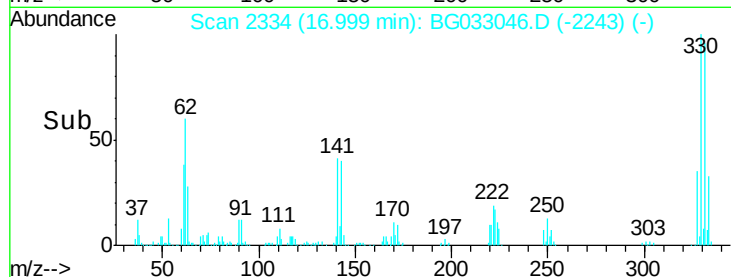
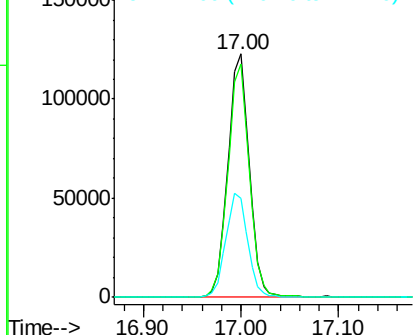
#41
 2,4,6-Tribromophenol
 Concen: 128.488 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 1-1-4-BLUE-STONE-DGA

Tot Ion:330 Resp: 187840
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 43.7 25.2 37.8#

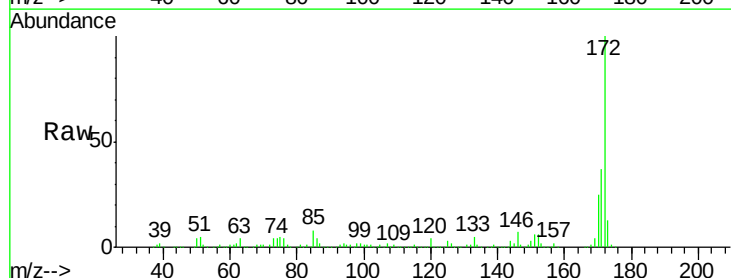


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

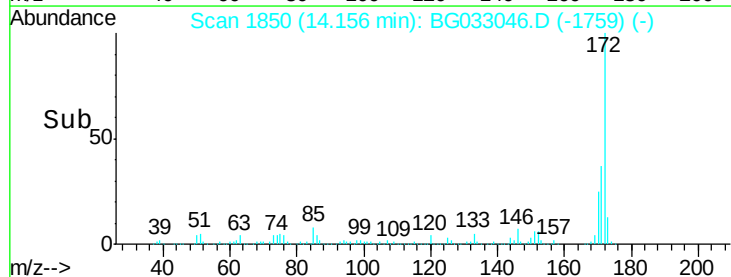
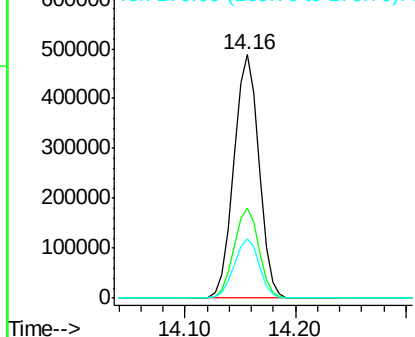


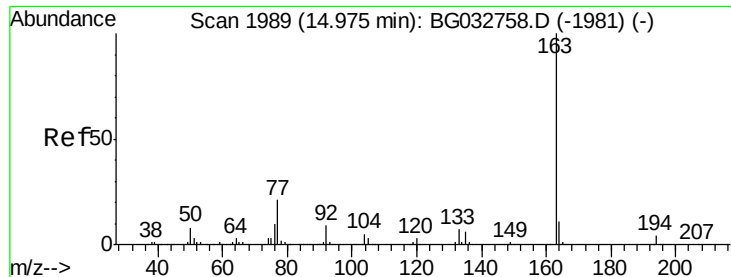
#44
 2-Fluorobiphenyl
 Concen: 80.834 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Tgt Ion:172 Resp: 779258
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.5 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





#49

Dimethylphthalate

Concen: 5.780 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

1-1-4-BLUE-STONE-DGA

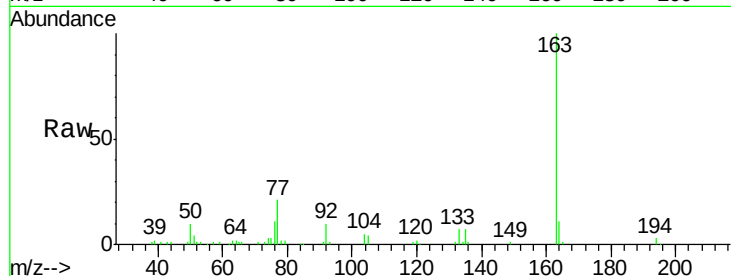
Tot Ion:163 Resp: 68234

Ion Ratio Lower Upper

163 100

194 3.1 3.4 5.2#

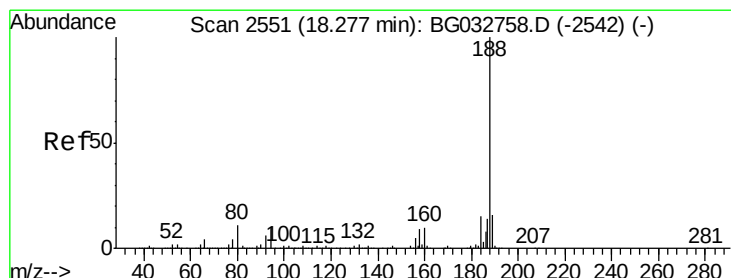
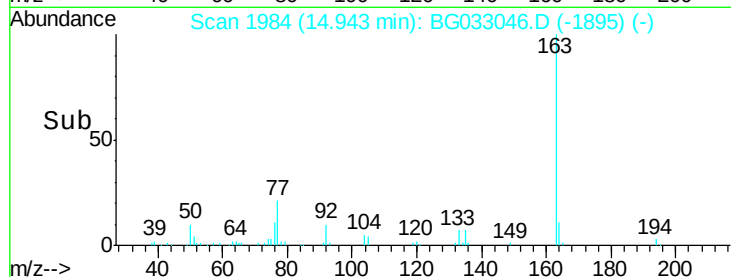
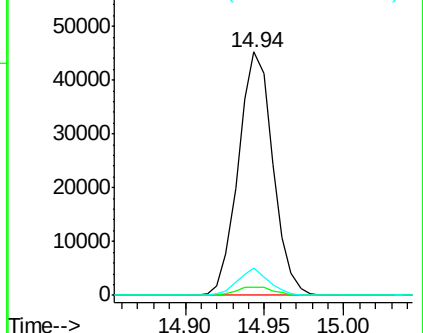
164 11.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

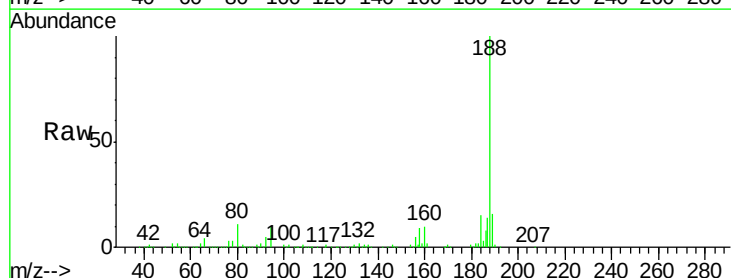
Tgt Ion:188 Resp: 297783

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

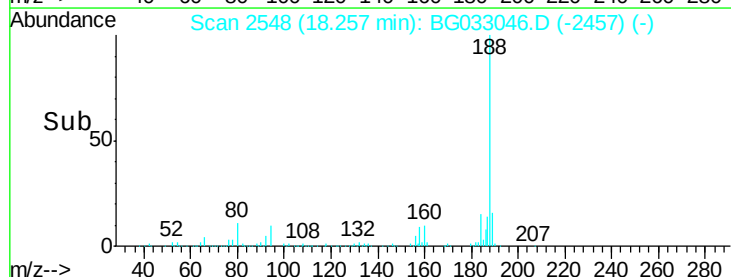
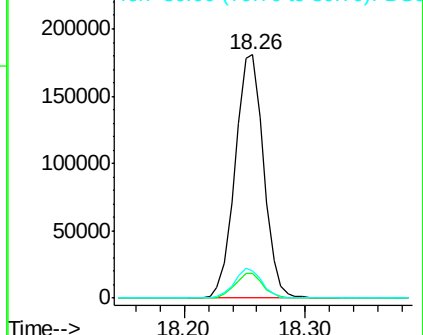
80 11.3 7.7 11.5

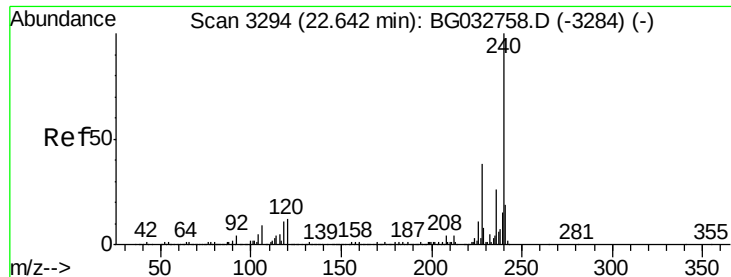


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

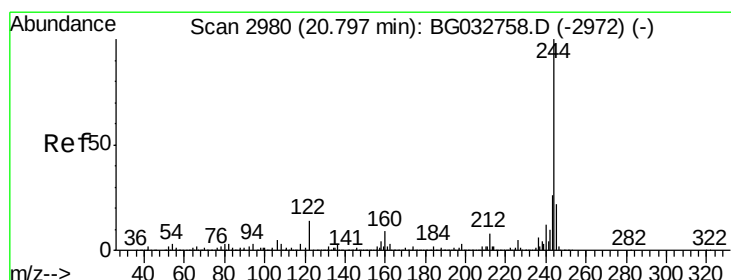
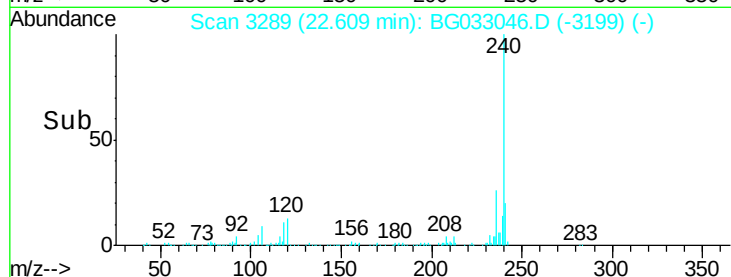
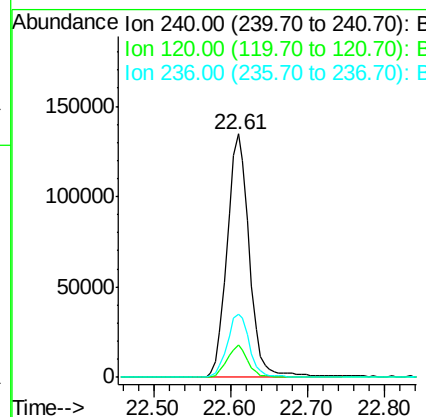
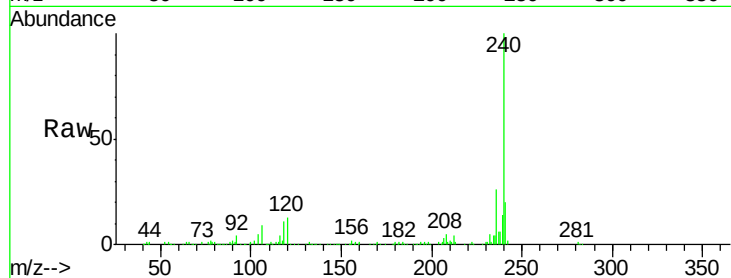




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

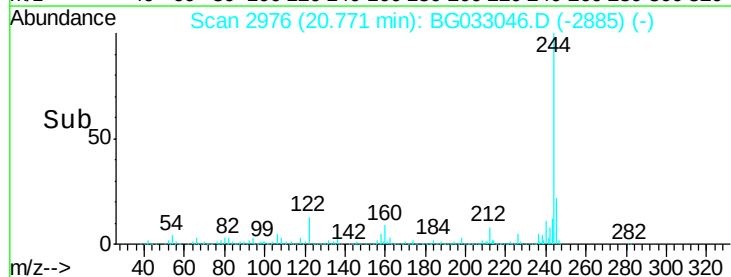
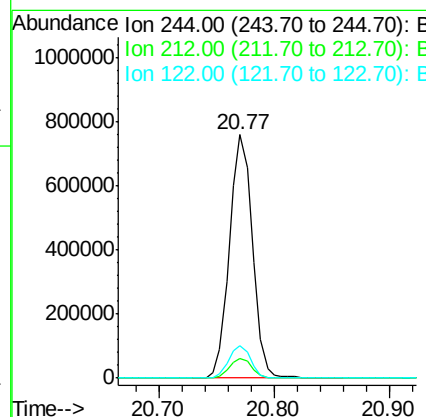
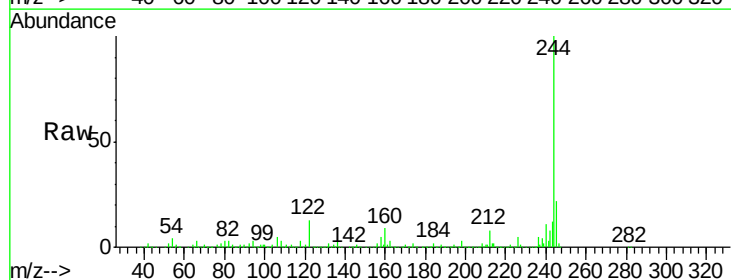
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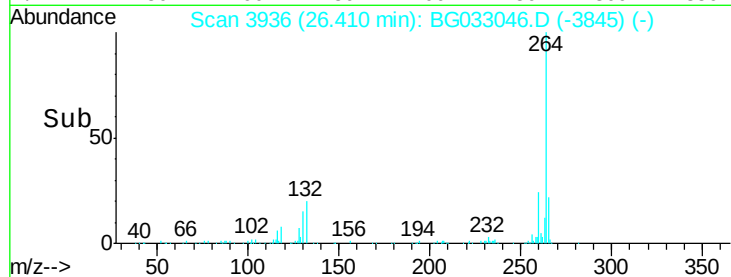
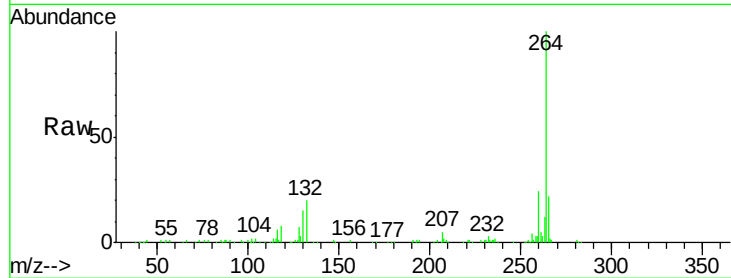
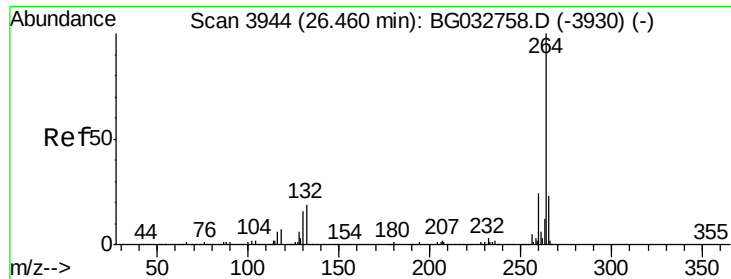
Tot Ion:240 Resp: 270448
 Ion Ratio Lower Upper
 240 100
 120 13.2 6.8 10.2#
 236 26.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 87.151 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Tgt Ion:244 Resp: 1049072
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 13.2 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

1-1-4-BLUE-STONE-DGA

Tot Ion: 264 Resp: 271825

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.5 17.7 26.5

