

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040490.D
 Acq On : 15 Apr 2019 21:40
 Operator : JU/SJ
 Sample : K2389-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE-1

Quant Time: Apr 16 03:14:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

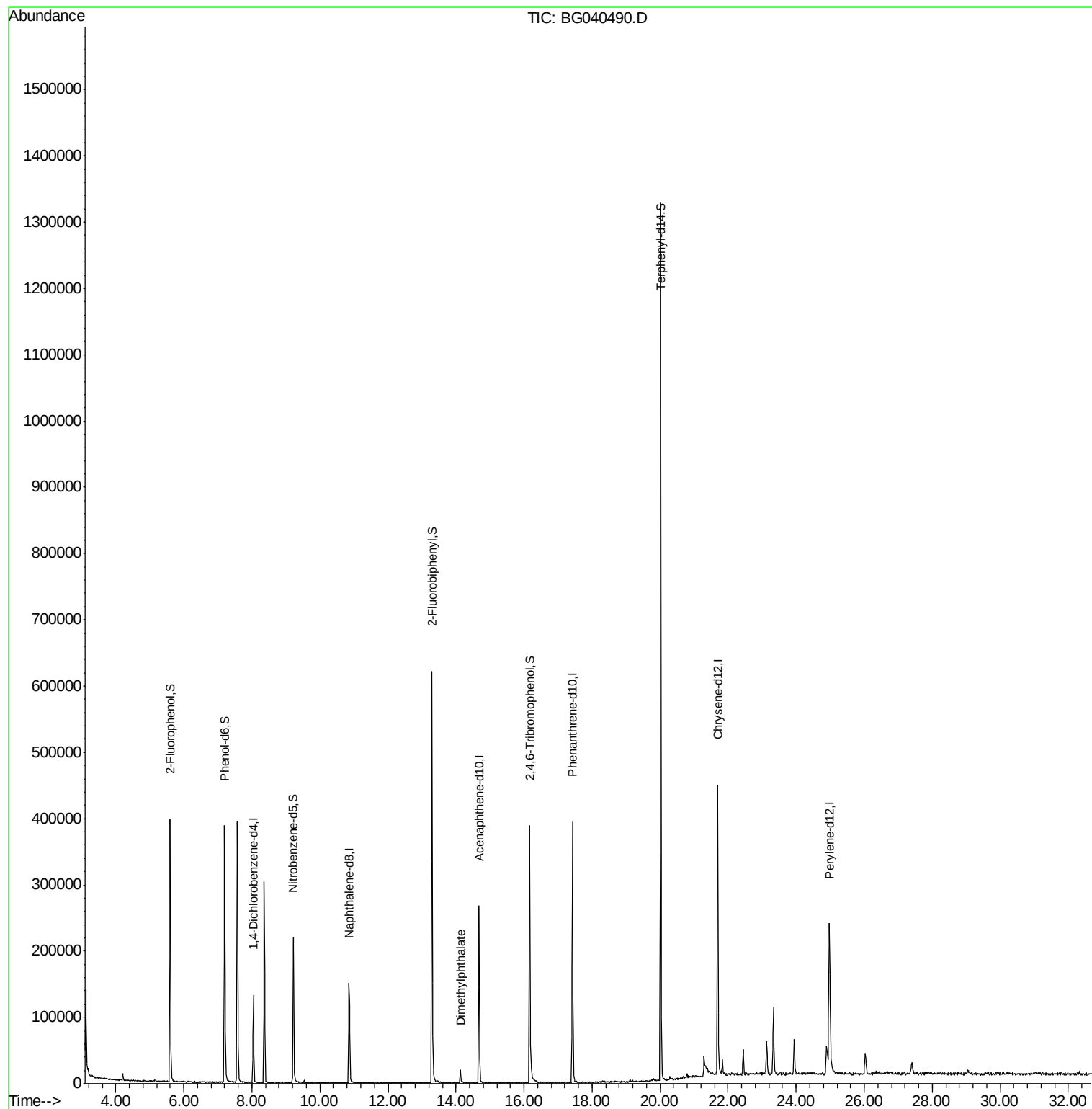
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37262	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	150223	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	95804	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	261746	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	263488	20.00	ng	-0.04
87) Perylene-d12	24.98	264	282186	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177514	79.20	ng	-0.02
7) Phenol-d6	7.20	99	243815	78.71	ng	-0.03
23) Nitrobenzene-d5	9.22	82	144395	51.09	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	82348	79.53	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	355303	54.95	ng	-0.03
79) Terphenyl-d14	20.02	244	677493	57.84	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	18225	2.431	ng	Qvalue 99

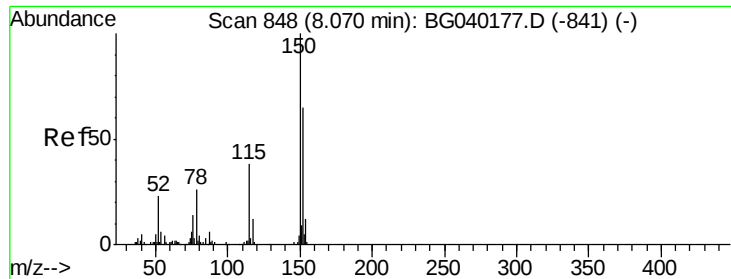
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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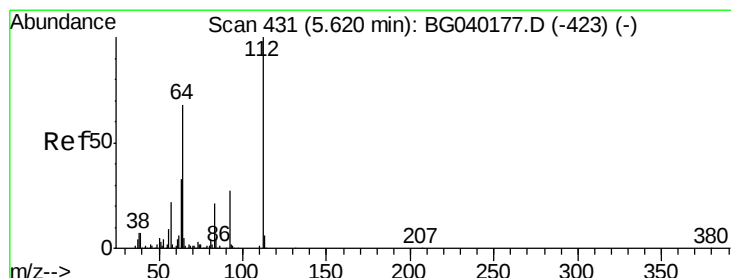
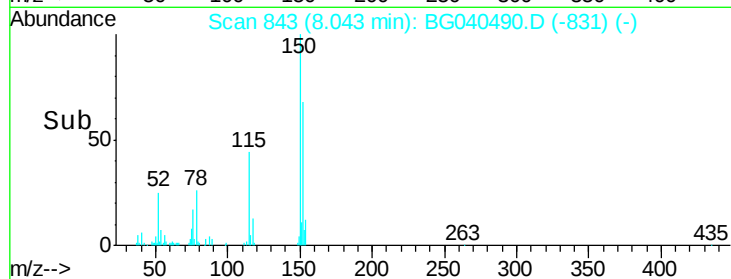
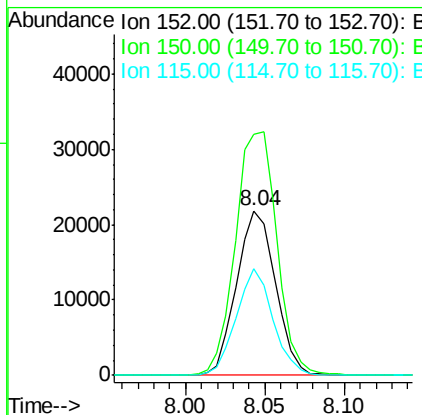
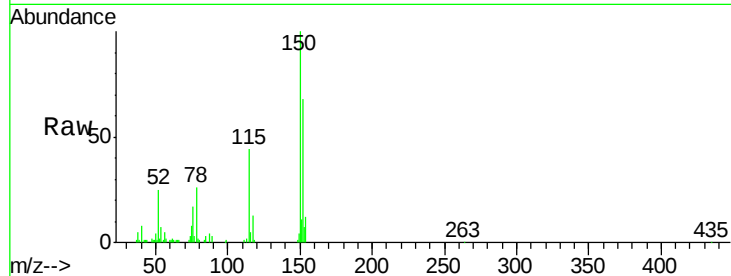


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040490.D
Acq: 15 Apr 2019 21:40

Instrument :
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ClientSampleId :
STONE-1

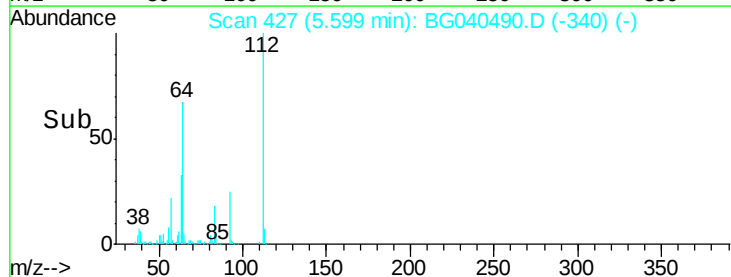
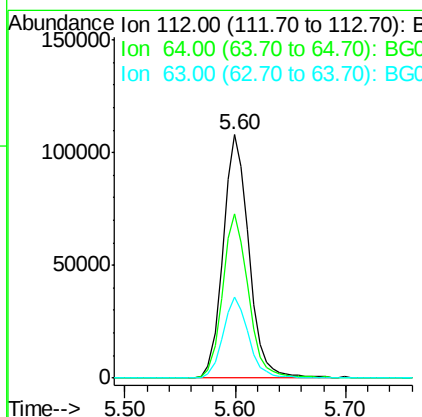
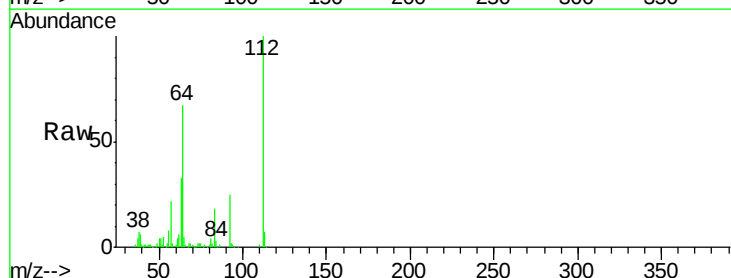
Tgt Ion:152 Resp: 37262
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 64.8 46.9 70.3

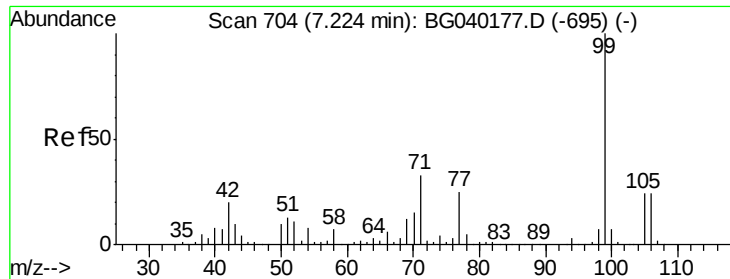


#5

2-Fluorophenol
Concen: 79.196 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040490.D
Acq: 15 Apr 2019 21:40

Tgt Ion:112 Resp: 177514
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.2
63 33.2 26.4 39.6





#7

Phenol-d6

Concen: 78.708 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

STONE-1

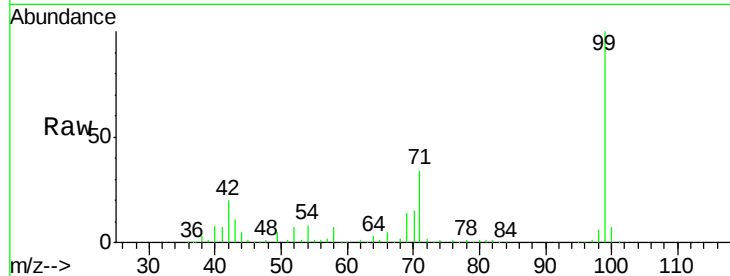
Tgt Ion: 99 Resp: 243815

Ion Ratio Lower Upper

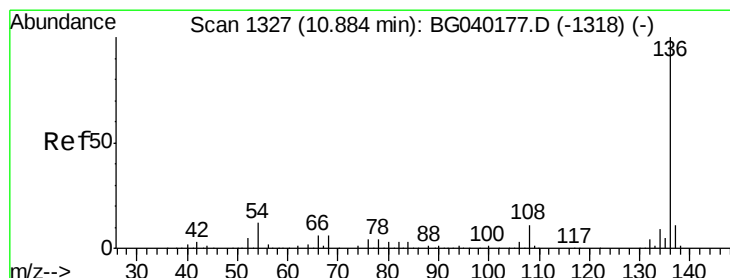
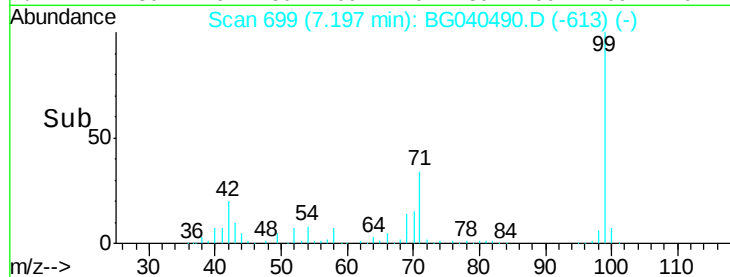
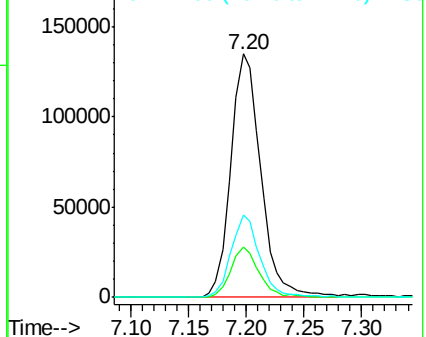
99 100

42 20.5 16.2 24.2

71 33.9 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

Tgt Ion: 136 Resp: 150223

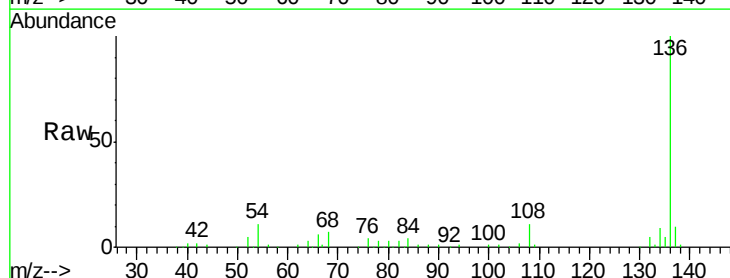
Ion Ratio Lower Upper

136 100

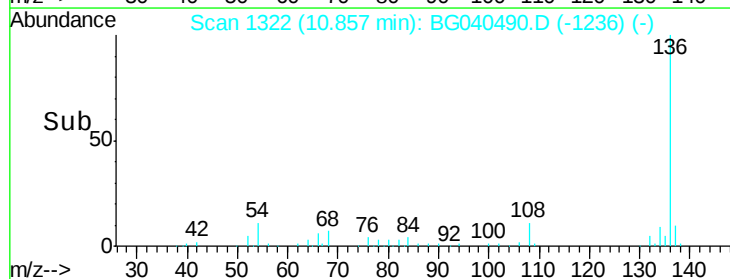
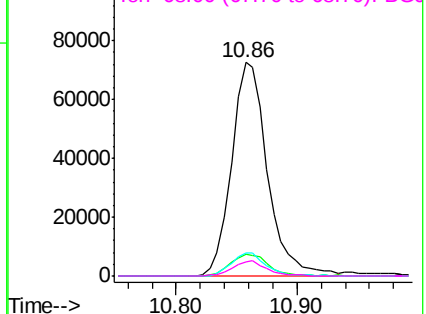
137 10.1 8.9 13.3

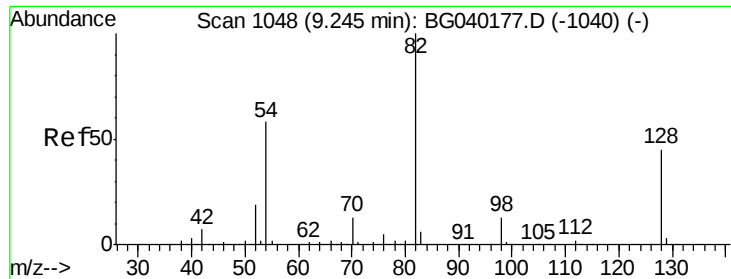
54 11.1 9.6 14.4

68 6.6 5.1 7.7



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

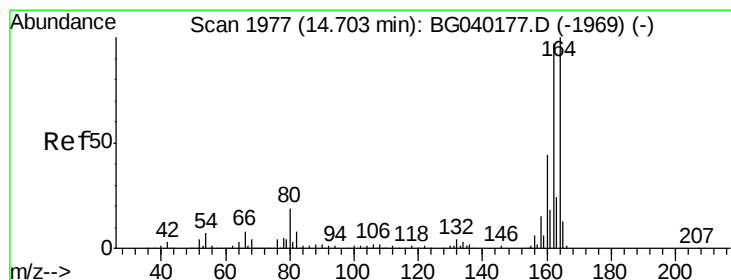
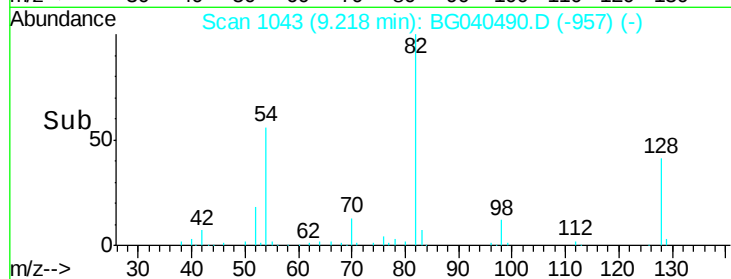
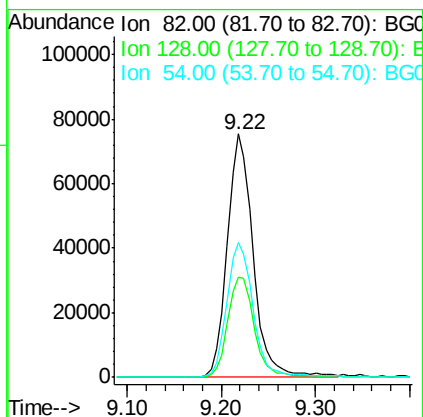
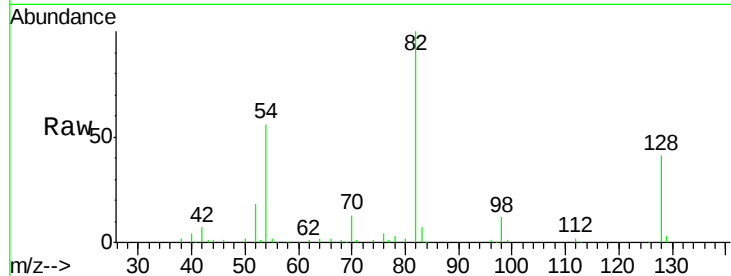




#23
Nitrobenzene-d5
Concen: 51.091 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040490.D
Acq: 15 Apr 2019 21:40

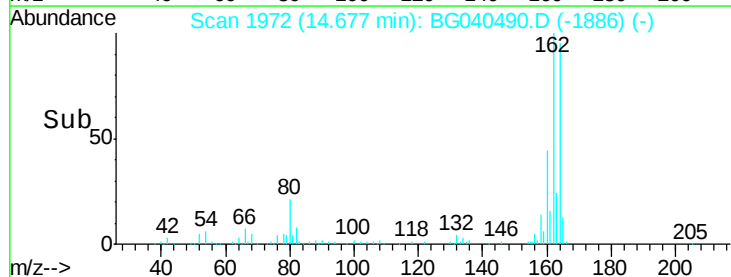
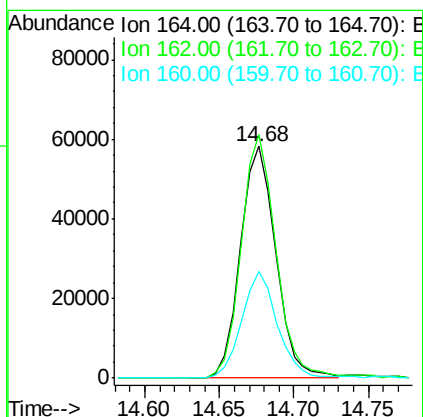
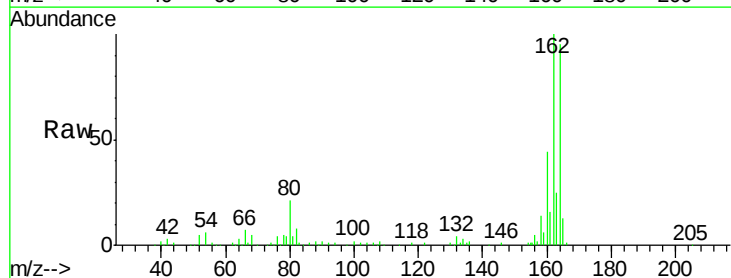
Instrument :
BNA_G
ClientSampleId :
STONE-1

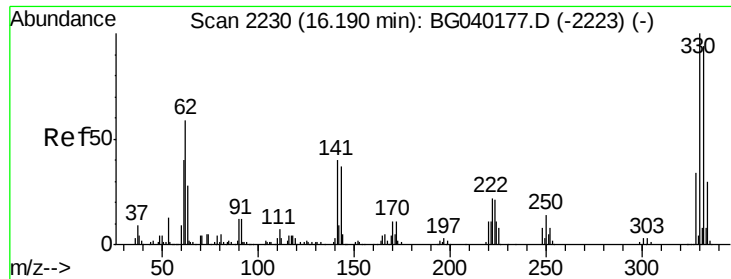
Tgt Ion: 82 Resp: 144395
Ion Ratio Lower Upper
82 100
128 41.1 35.8 53.8
54 55.6 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040490.D
Acq: 15 Apr 2019 21:40

Tgt Ion: 164 Resp: 95804
Ion Ratio Lower Upper
164 100
162 104.9 77.4 116.2
160 45.7 35.3 52.9

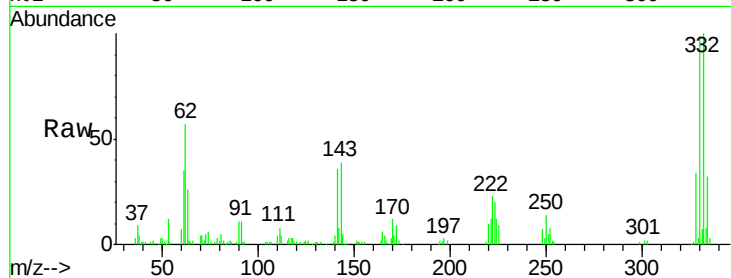




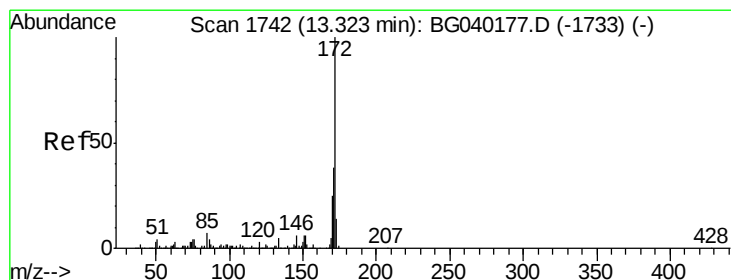
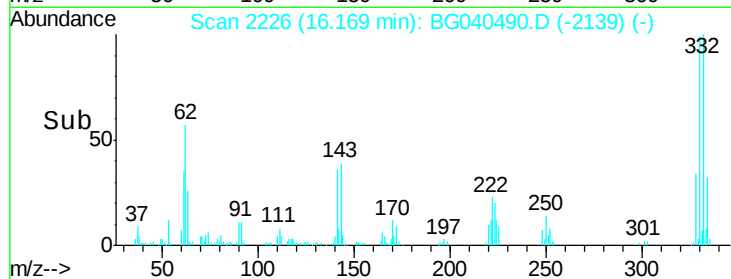
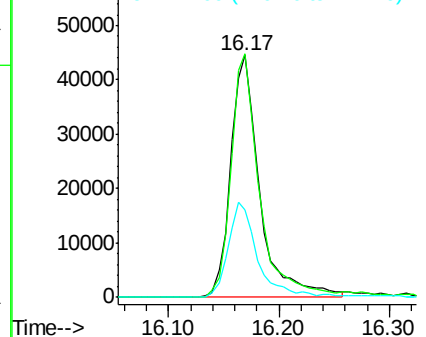
#42
 2,4,6-Tribromophenol
 Concen: 79.533 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040490.D
 Acq: 15 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 STONE-1

Tgt Ion:330 Resp: 82348
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.8 32.6 48.8

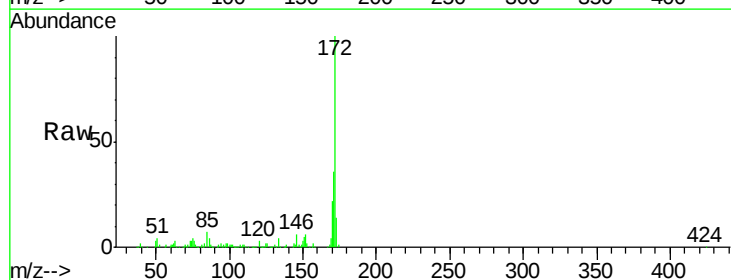


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

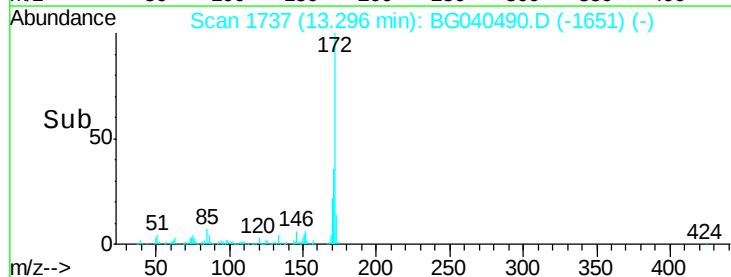
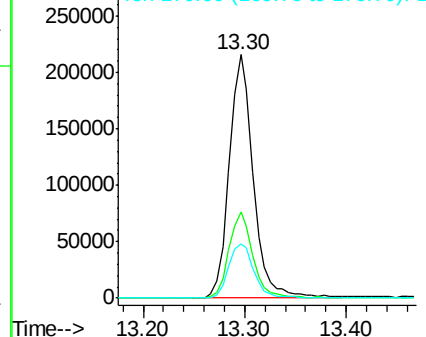


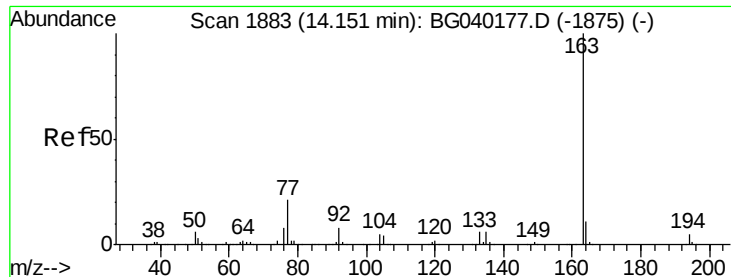
#45
 2-Fluorobiphenyl
 Concen: 54.953 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040490.D
 Acq: 15 Apr 2019 21:40

Tgt Ion:172 Resp: 355303
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.5 45.7
 170 22.5 20.1 30.1



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





#50

Dimethylphthalate

Concen: 2.431 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

STONE-1

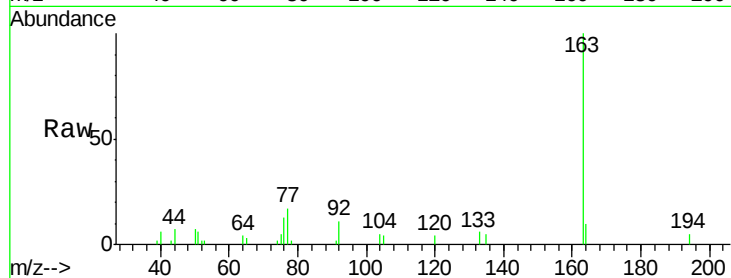
Tgt Ion:163 Resp: 18225

Ion Ratio Lower Upper

163 100

194 5.3 4.1 6.1

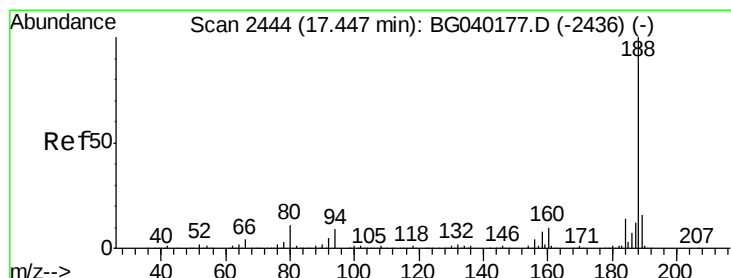
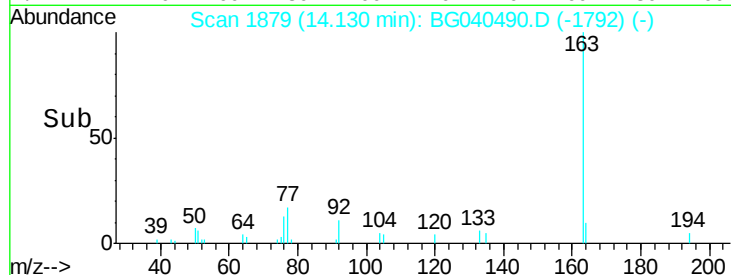
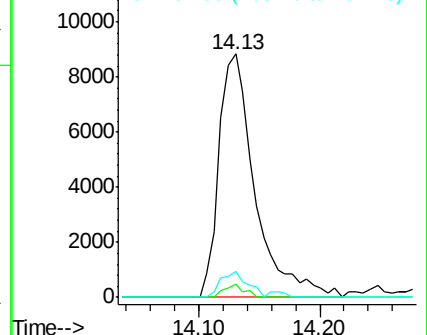
164 10.5 8.6 13.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

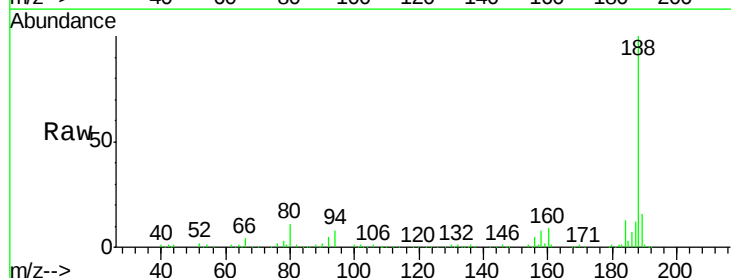
Tgt Ion:188 Resp: 261746

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

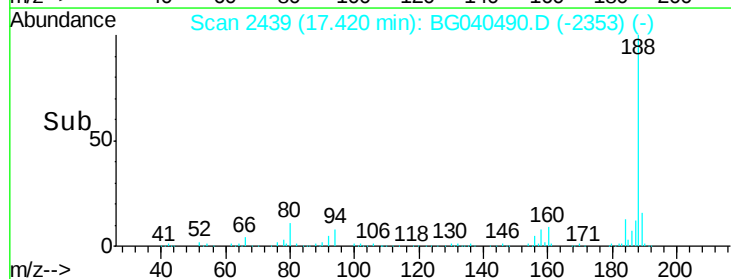
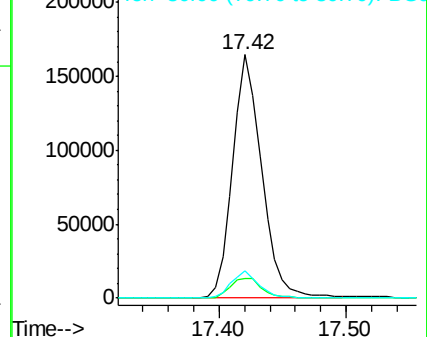
80 11.3 8.6 13.0

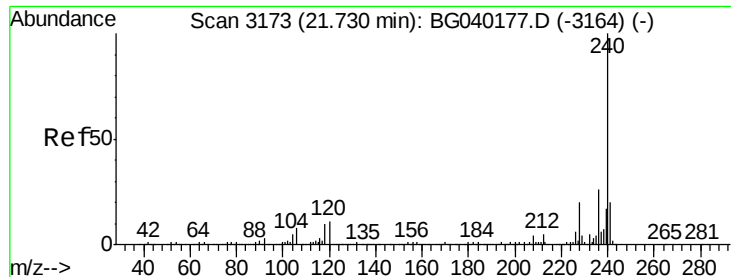


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

STONE-1

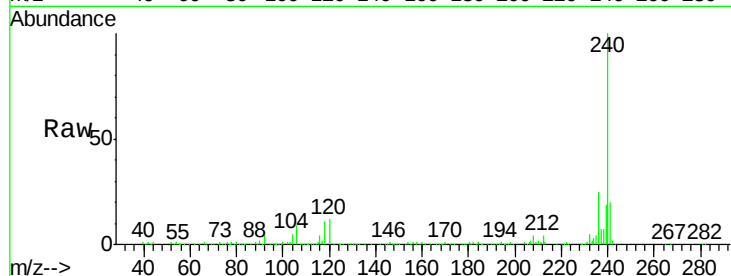
Tgt Ion:240 Resp: 263488

Ion Ratio Lower Upper

240 100

120 11.6 8.4 12.6

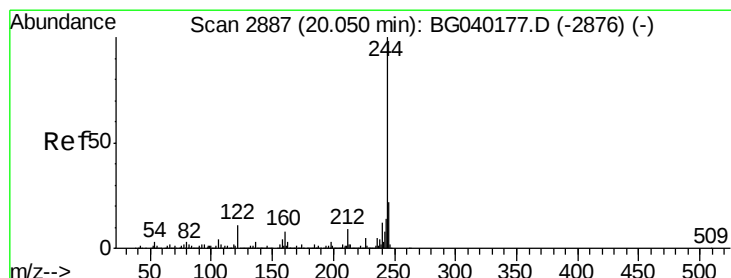
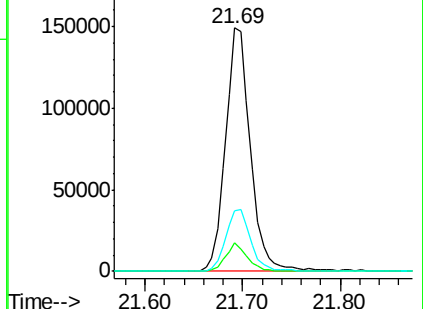
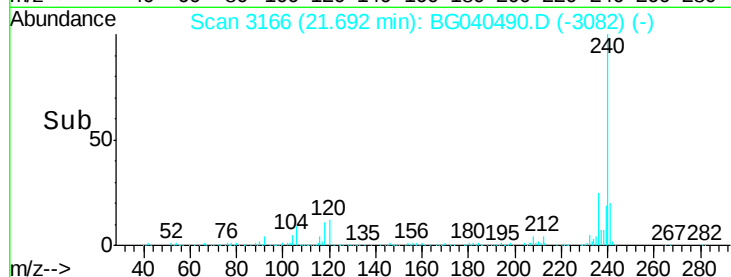
236 25.0 20.8 31.2



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



#79

Terphenyl-d14

Concen: 57.844 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040490.D

Acq: 15 Apr 2019 21:40

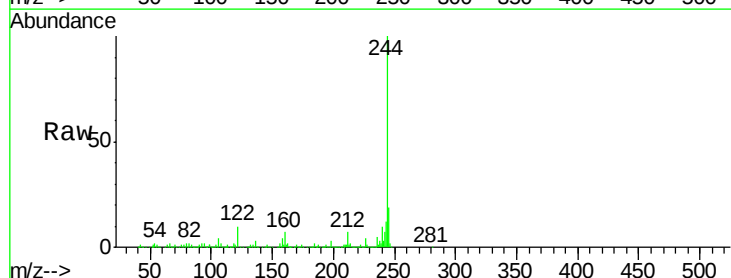
Tgt Ion:244 Resp: 677493

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

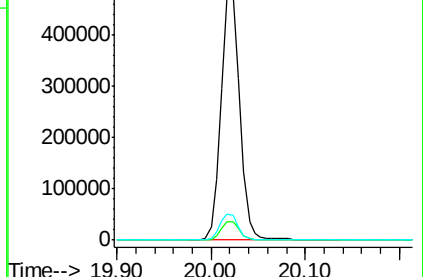
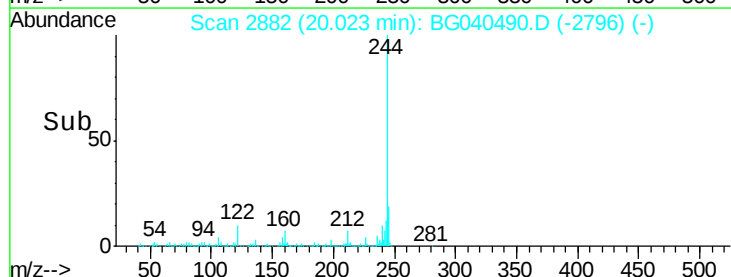
122 10.4 8.5 12.7

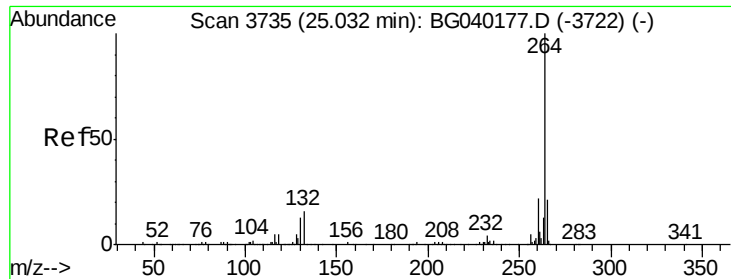


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040490.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	22.0	16.8	25.2

