

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040493.D
 Acq On : 15 Apr 2019 23:40
 Operator : JU/SJ
 Sample : K2389-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE-4

Quant Time: Apr 16 03:17:20 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

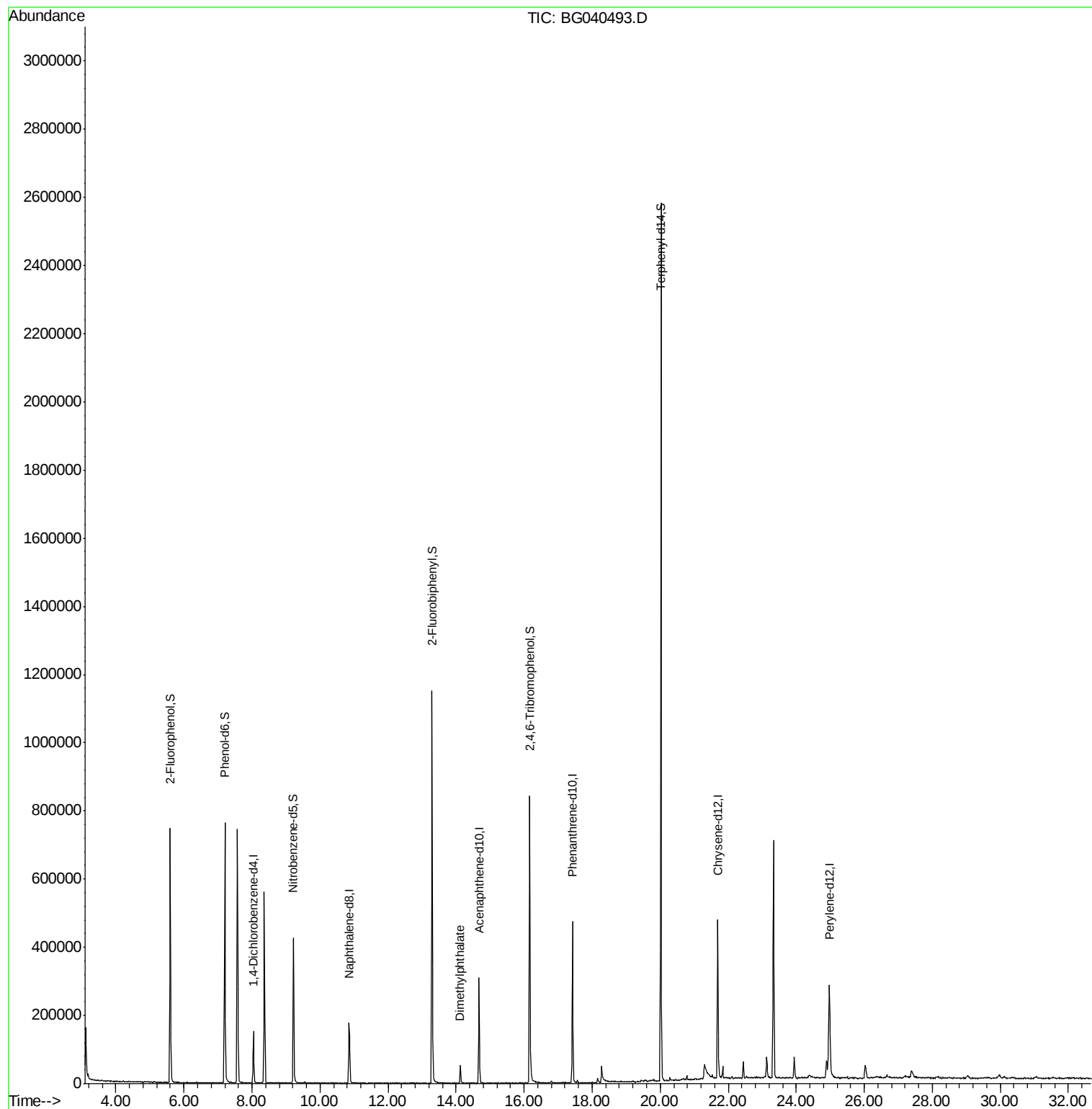
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44039	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	173952	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	108968	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	301705	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	294030	20.00	ng	-0.04
87) Perylene-d12	24.97	264	320656	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	331265	125.05	ng	-0.02
7) Phenol-d6	7.20	99	456201	124.61	ng	-0.02
23) Nitrobenzene-d5	9.22	82	273686	83.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	169402	143.85	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	643818	87.55	ng	-0.03
79) Terphenyl-d14	20.02	244	1170770	89.58	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	41315	4.844	ng	Qvalue # 94

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

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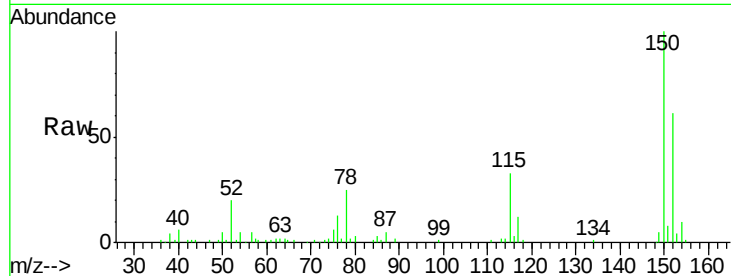


#1

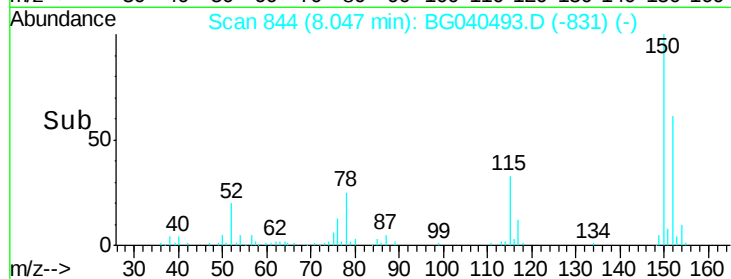
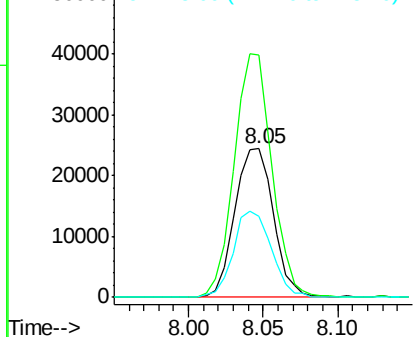
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampleId :
STONE-4

Tgt Ion:152 Resp: 44039
Ion Ratio Lower Upper
152 100
150 163.0 123.7 185.5
115 54.3 46.9 70.3



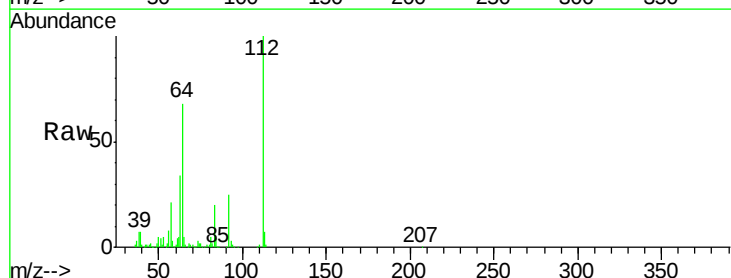
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



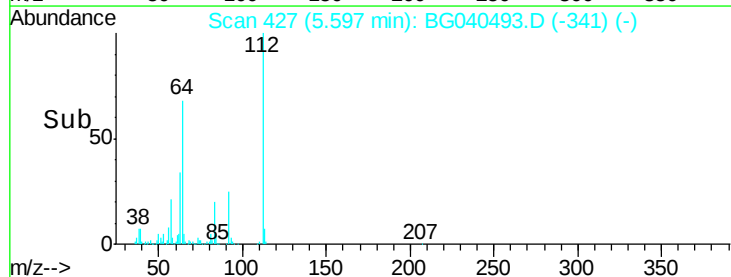
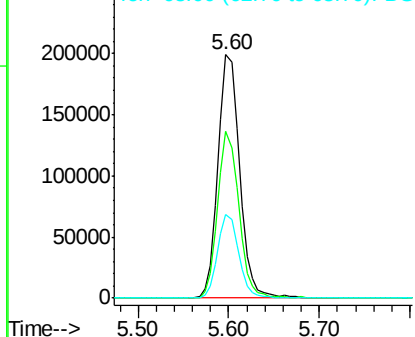
#5

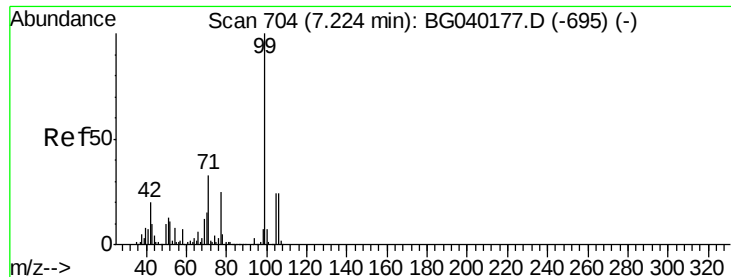
2-Fluorophenol
Concen: 125.048 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Tgt Ion:112 Resp: 331265
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 34.4 26.4 39.6



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: 124.608 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Instrument :

BNA_G

ClientSampleId :

STONE-4

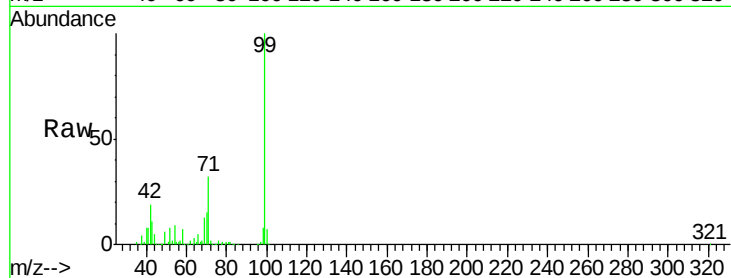
Tgt Ion: 99 Resp: 456201

Ion Ratio Lower Upper

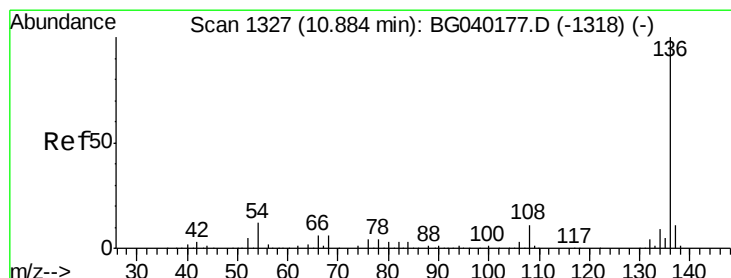
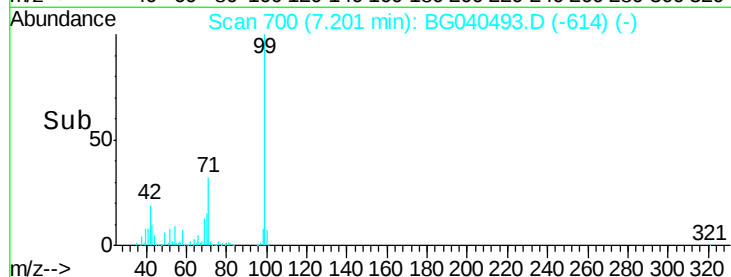
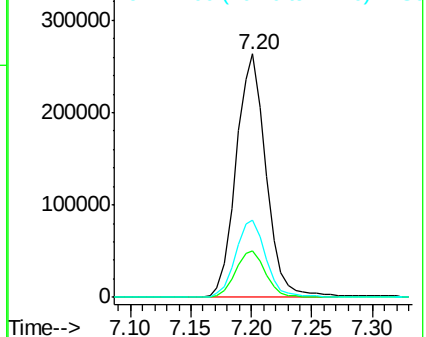
99 100

42 19.3 16.2 24.2

71 31.6 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# 1323

Delta R.T. -0.02 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Tgt Ion: 136 Resp: 173952

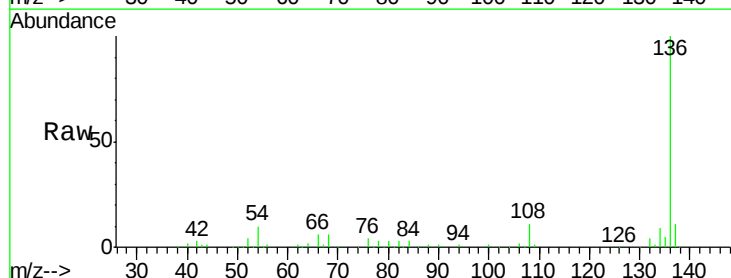
Ion Ratio Lower Upper

136 100

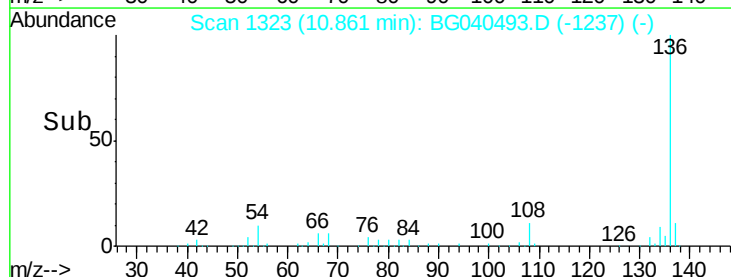
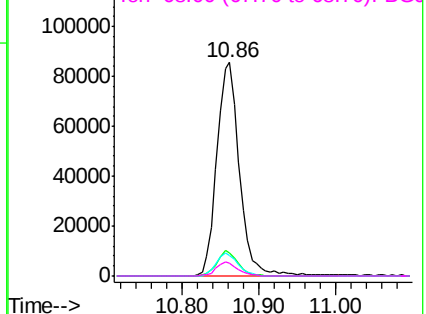
137 10.8 8.9 13.3

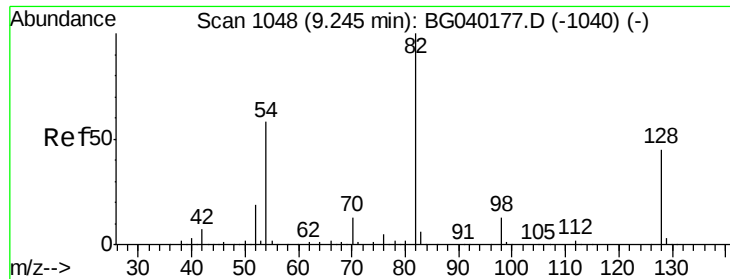
54 9.7 9.6 14.4

68 6.1 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

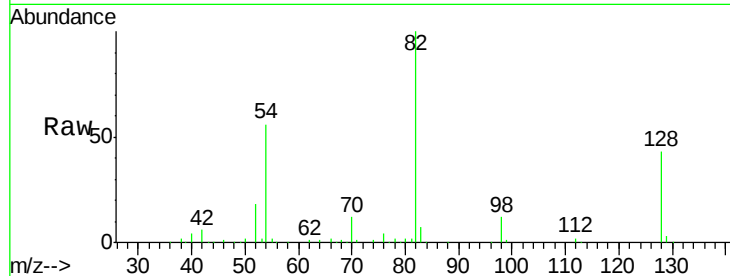




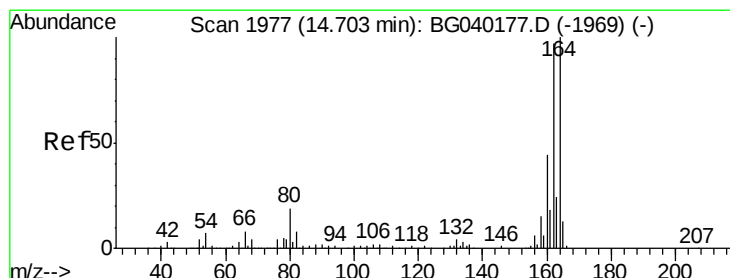
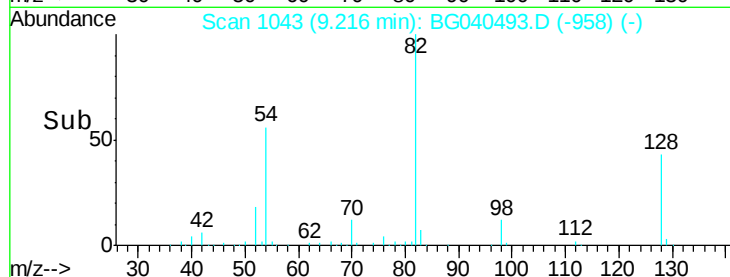
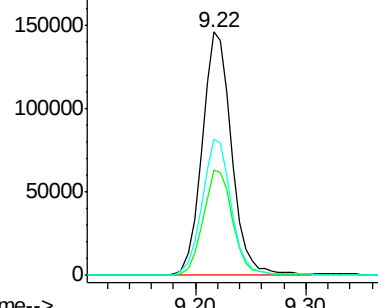
#23
 Nitrobenzene-d5
 Concen: 83.628 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Instrument :
 BNA_G
 ClientSampleId :
 STONE-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.8
54	55.9	46.2	69.2

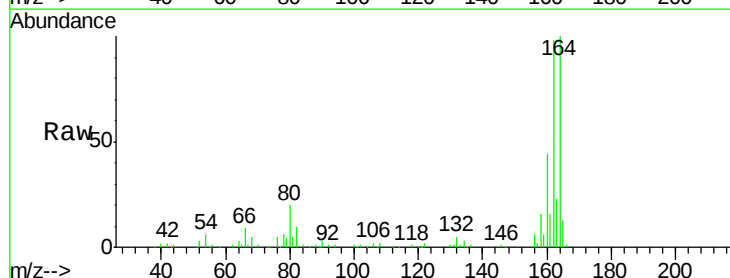


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

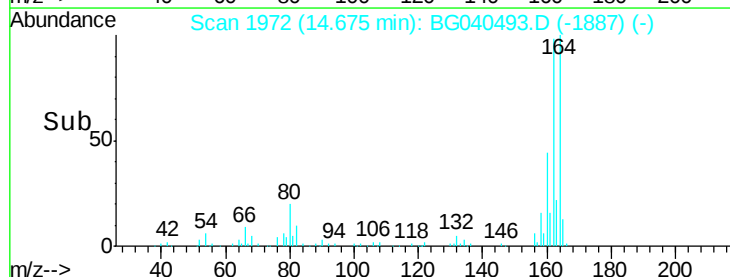
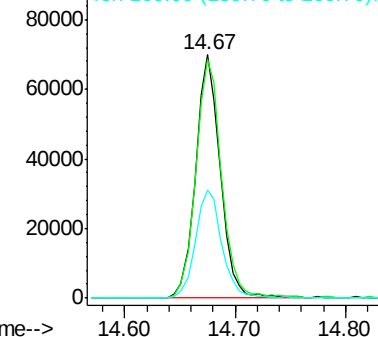


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.4	116.2
160	44.1	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

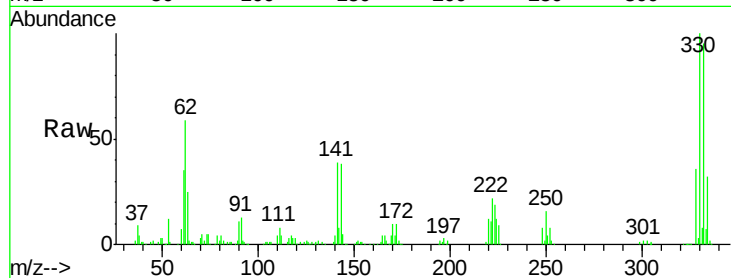




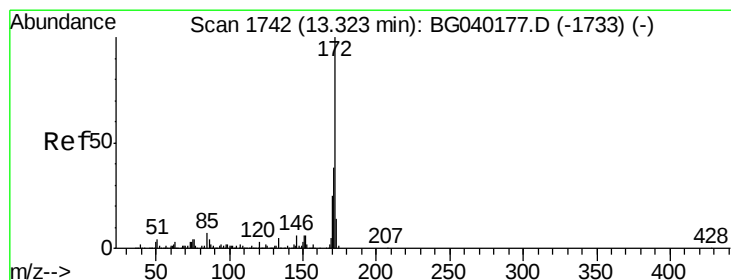
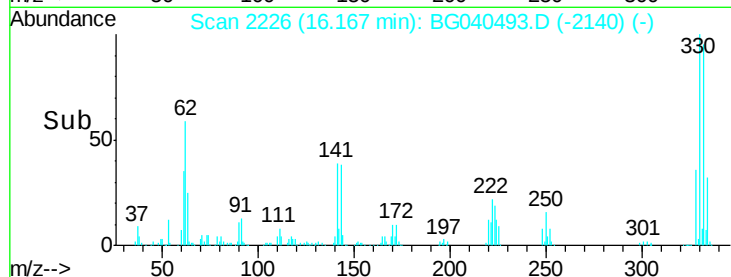
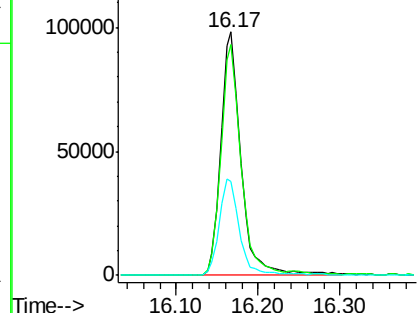
#42
 2,4,6-Tribromophenol
 Concen: 143.846 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Instrument :
 BNA_G
 ClientSampleId :
 STONE-4

Tgt Ion:330 Resp: 169402
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 39.7 32.6 48.8

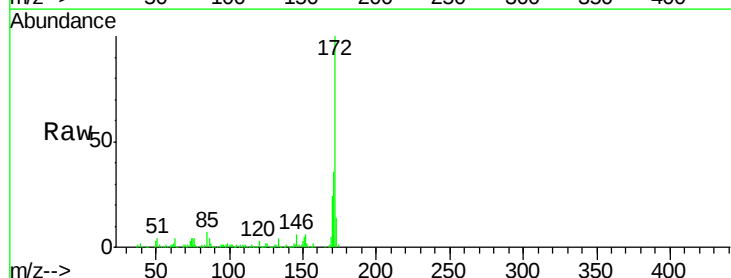


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

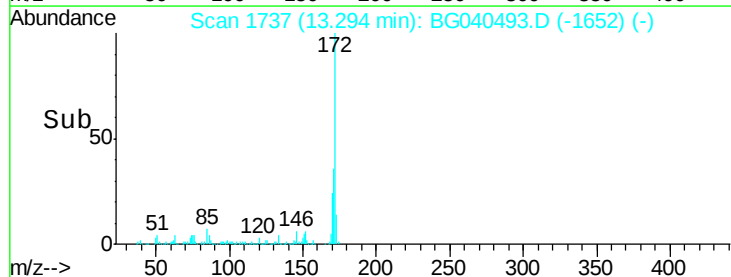
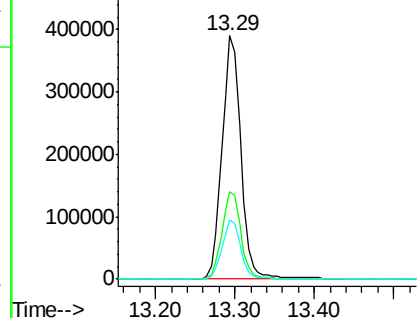


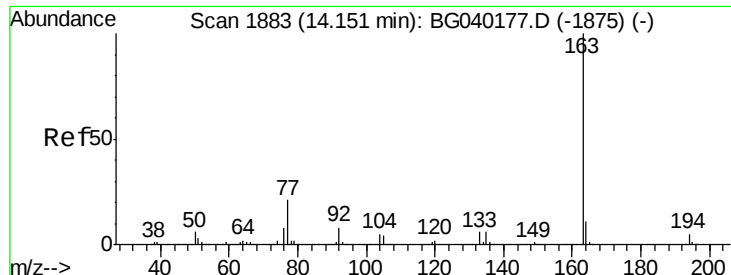
#45
 2-Fluorobiphenyl
 Concen: 87.547 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Tgt Ion:172 Resp: 643818
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.5 45.7
 170 24.4 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: 4.844 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Instrument :

BNA_G

ClientSampleId :

STONE-4

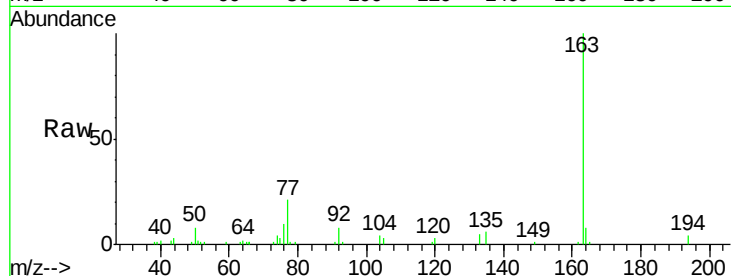
Tgt Ion:163 Resp: 41315

Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

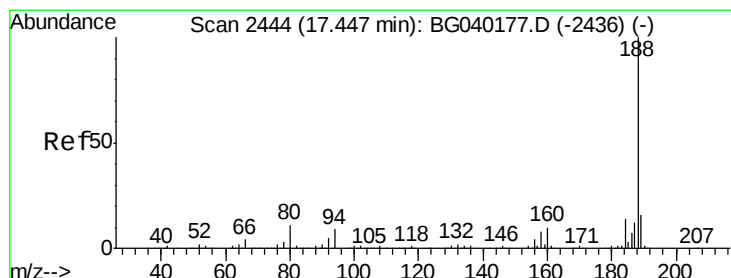
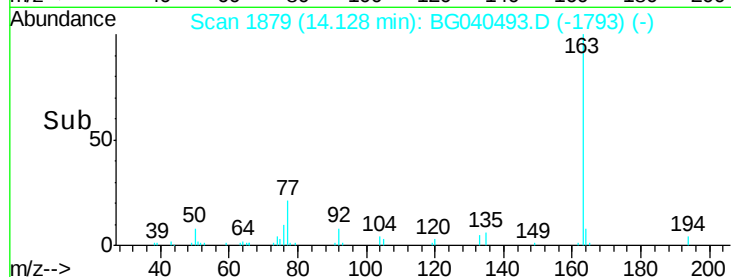
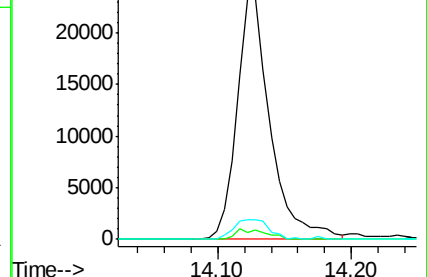
164 8.2 8.6 13.0#



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: BG040493.D

Acq: 15 Apr 2019 23:40

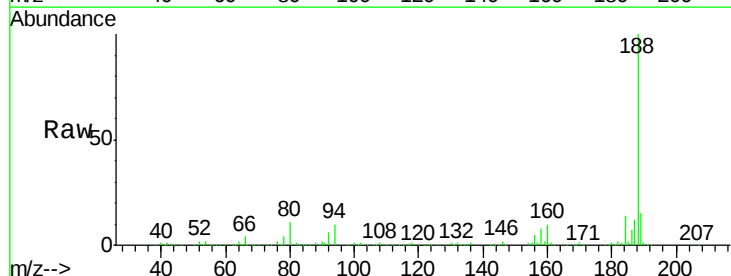
Tgt Ion:188 Resp: 301705

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.4

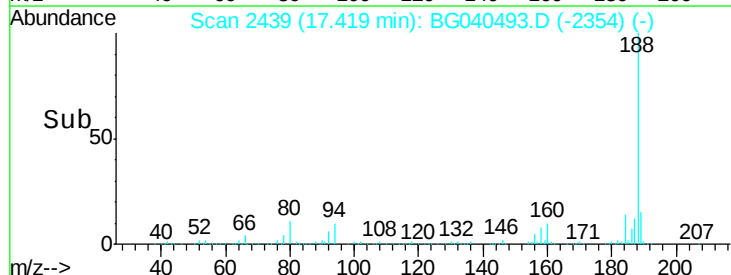
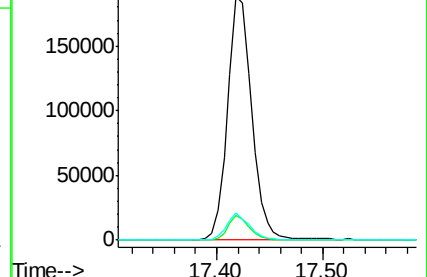
80 11.0 8.6 13.0

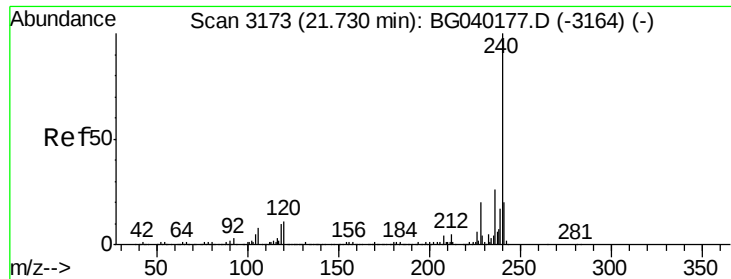


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

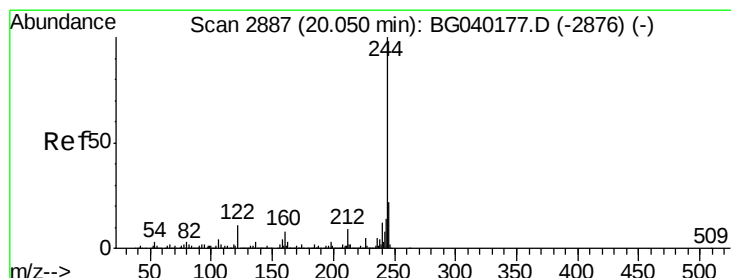
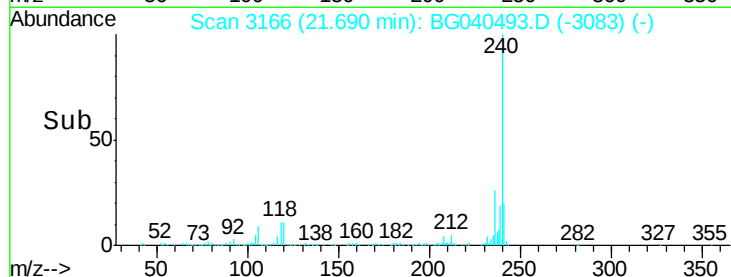
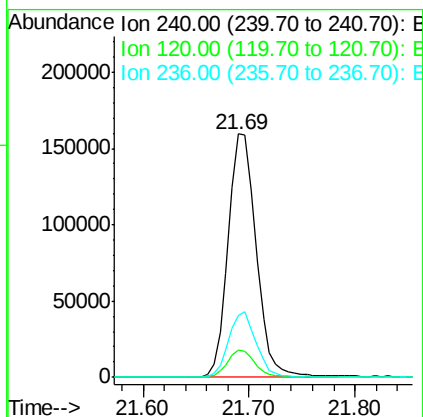
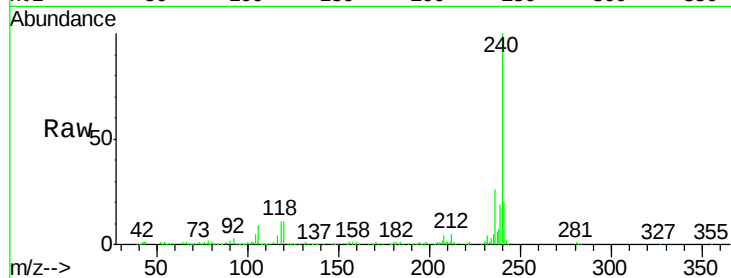




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

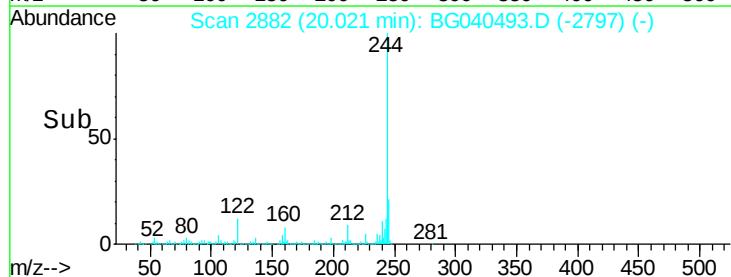
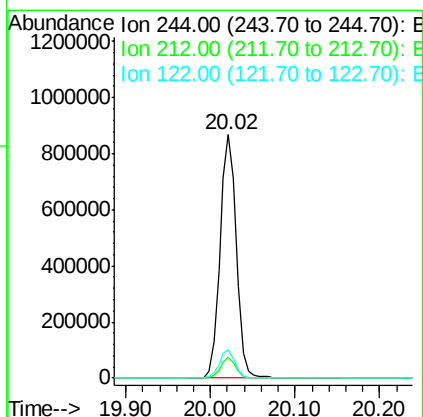
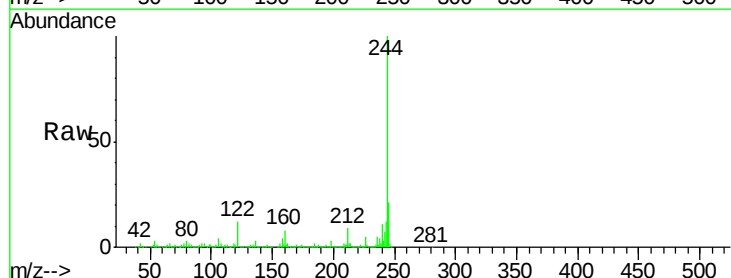
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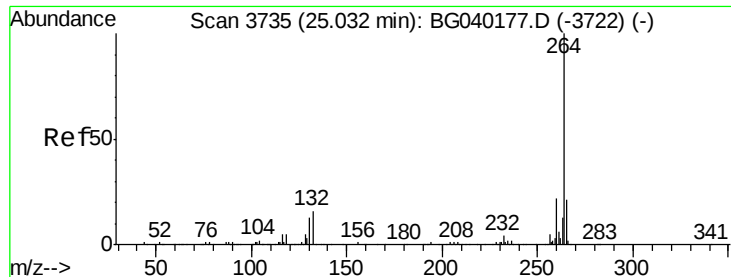
Tgt Ion:240 Resp: 294030
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 89.577 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Tgt Ion:244 Resp: 1170770
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 11.8 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampleId :
STONE-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	21.0	16.8	25.2

