

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040719.D
 Acq On : 2 May 2019 22:48
 Operator : JU/SJ
 Sample : K2654-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: May 03 07:26:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42909	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	170301	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	130916	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	378866	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	388459	20.00	ng	-0.02
87) Perylene-d12	25.16	264	407192	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	371207	152.50	ng	0.00
7) Phenol-d6	7.28	99	503917	134.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	430920	116.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	352504	195.89	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	912931	100.71	ng	-0.02
79) Terphenyl-d14	20.11	244	1874169	106.89	ng	-0.02

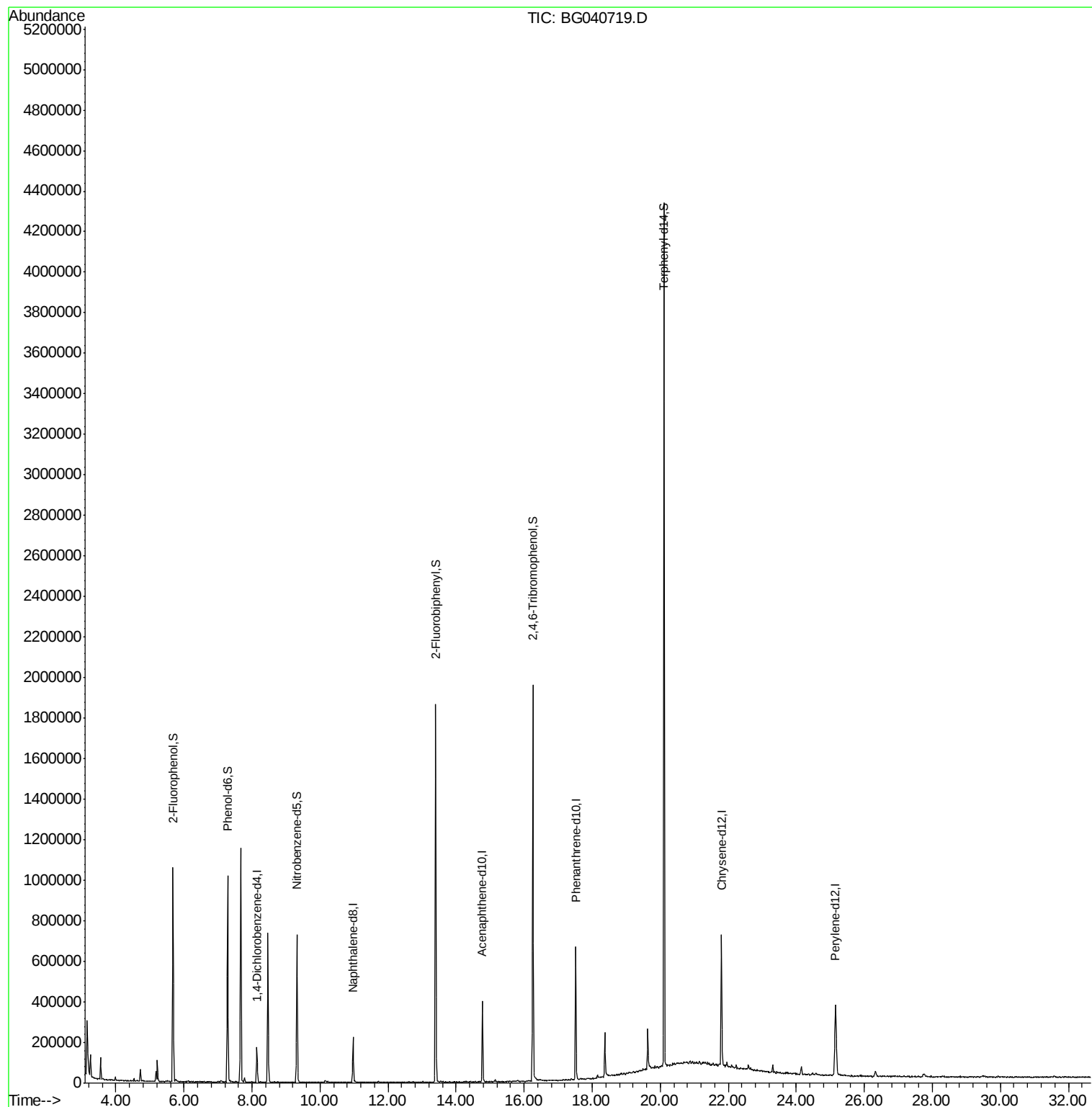
Target Compounds Qvalue

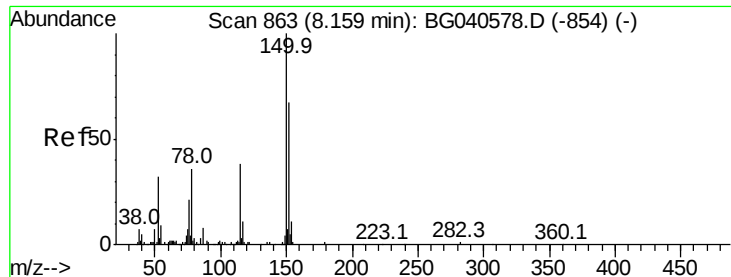
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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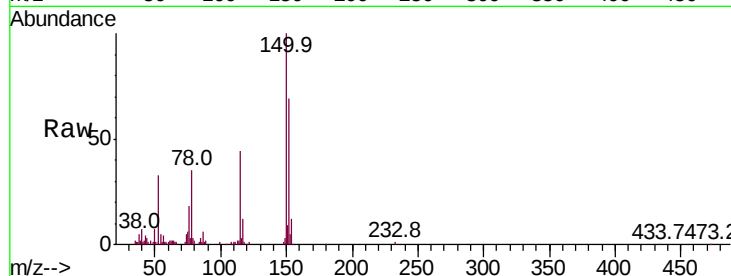


#1

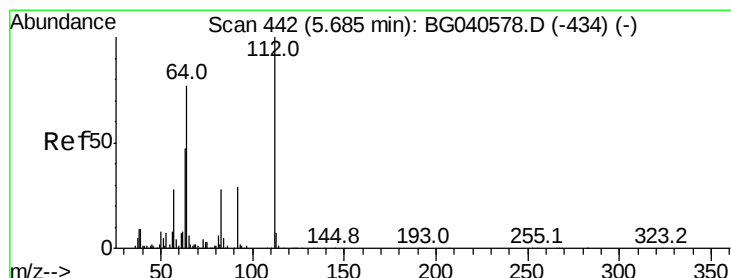
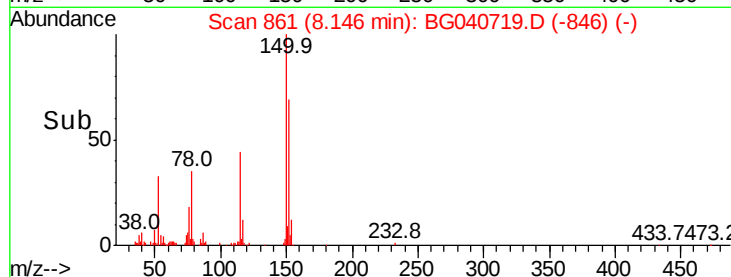
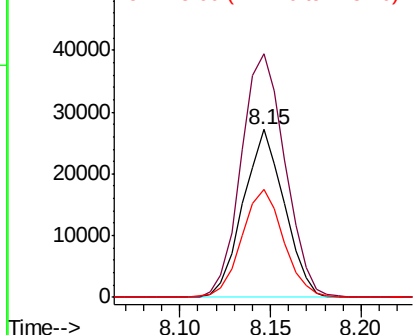
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 42909
Ion Ratio Lower Upper
152 100
150 145.1 120.2 180.2
115 64.3 46.2 69.2



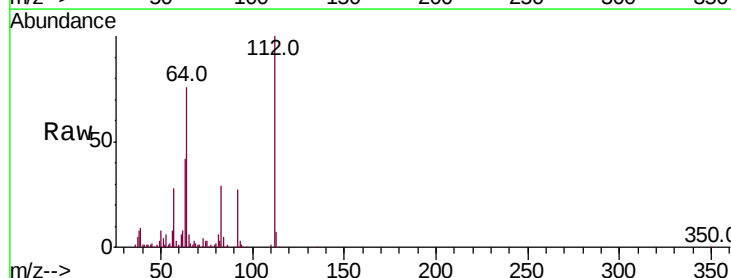
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



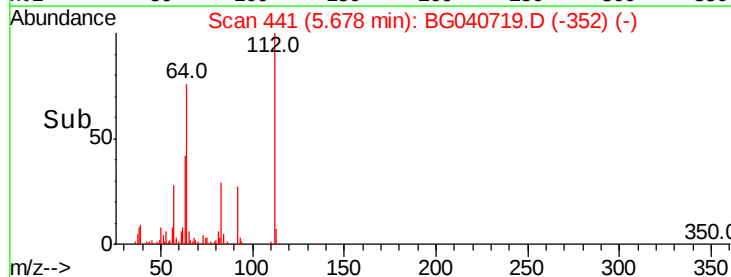
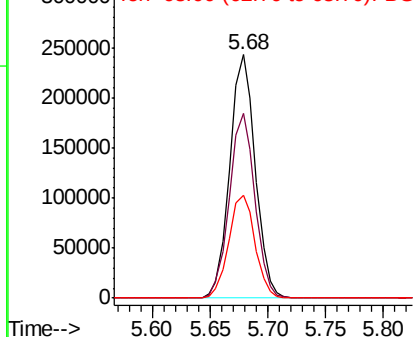
#5

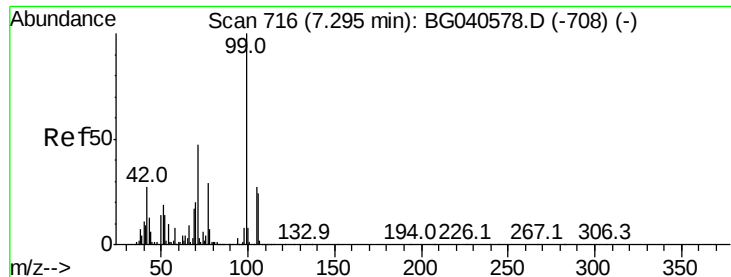
2-Fluorophenol
Concen: 152.497 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:112 Resp: 371207
Ion Ratio Lower Upper
112 100
64 75.9 61.4 92.0
63 42.4 37.8 56.6



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: 134.451 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

Instrument :

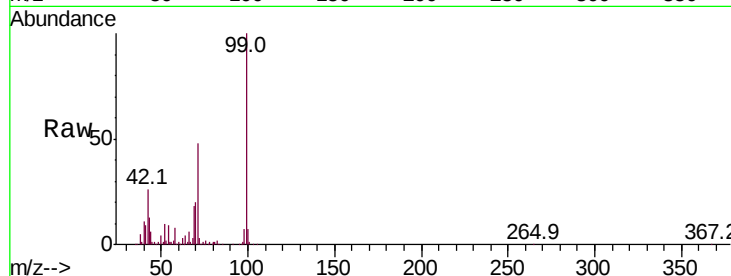
BNA_G

ClientSampleId :

OILY-STONES

Tot Ion: 99 Resp: 503917

Ion	Ratio	Lower	Upper
99	100		
42	25.8	21.8	32.8
71	48.4	38.6	57.8

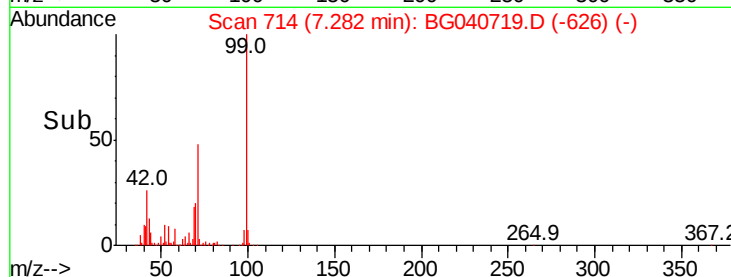


Abundance

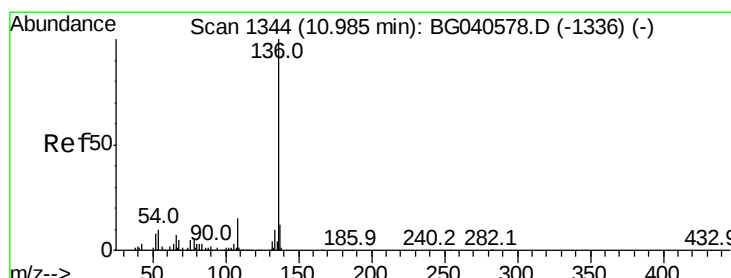
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

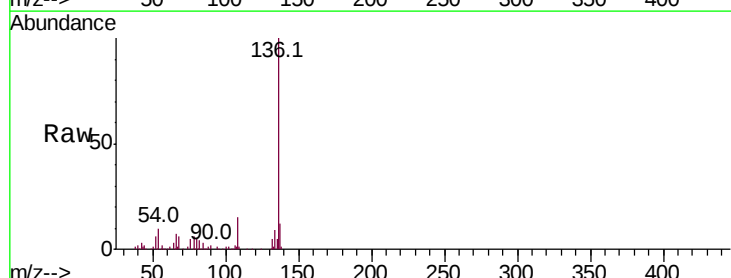
Delta R.T. -0.01 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

Tgt Ion: 136 Resp: 170301

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	9.5	8.6	12.8
68	6.4	4.8	7.2



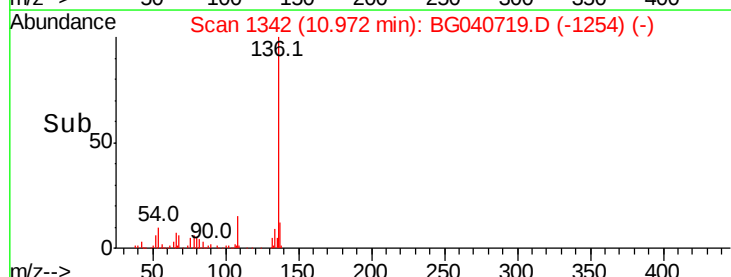
Abundance

Ion 136.00 (135.70 to 136.70): BGC

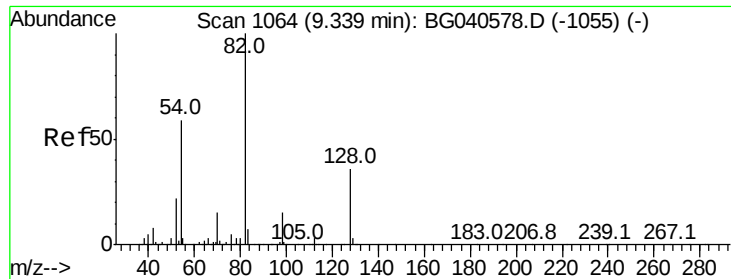
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 116.918 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

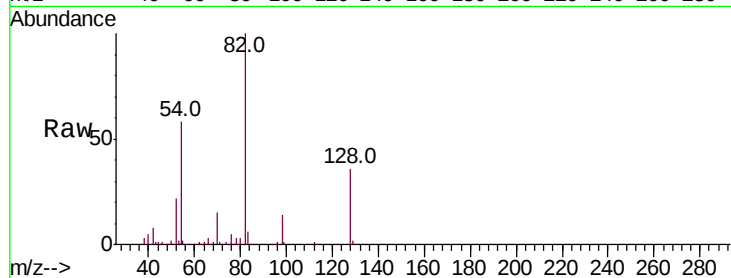
Tot Ion: 82 Resp: 430920

Ion Ratio Lower Upper

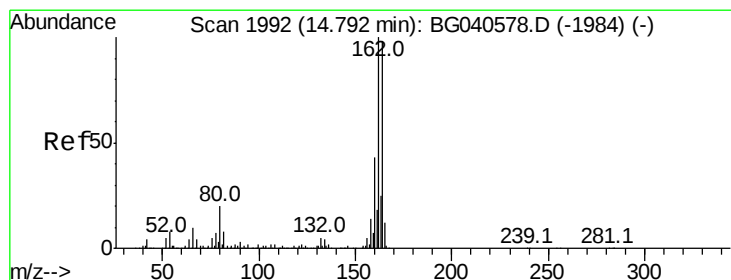
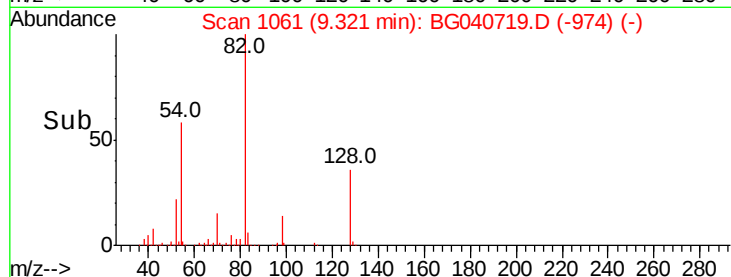
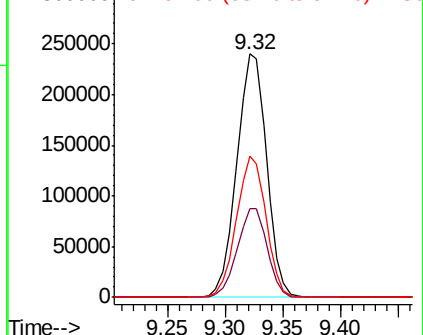
82 100

128 36.5 28.9 43.3

54 57.8 47.2 70.8



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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

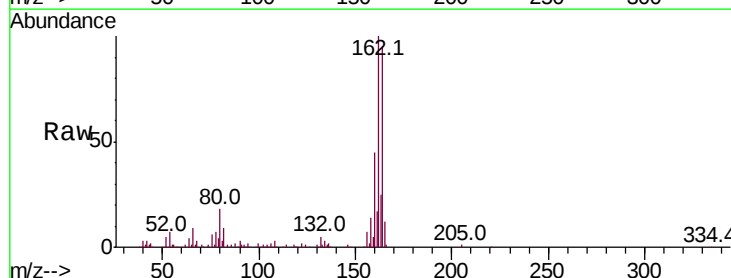
Tgt Ion:164 Resp: 130916

Ion Ratio Lower Upper

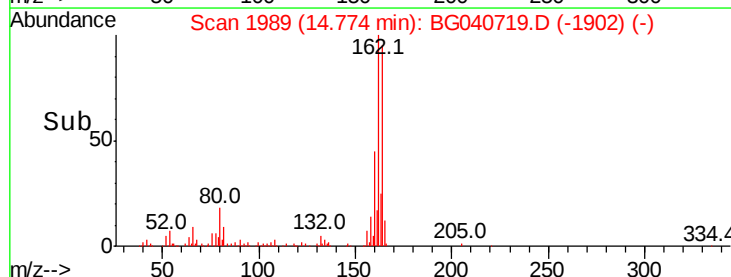
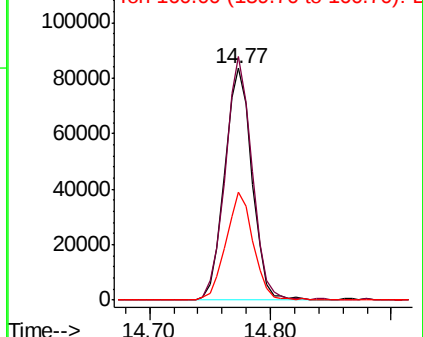
164 100

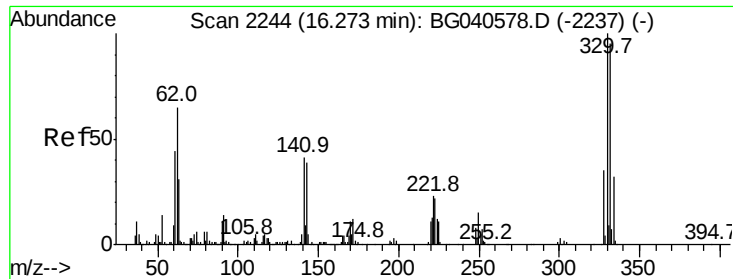
162 105.0 81.9 122.9

160 46.8 35.4 53.2



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

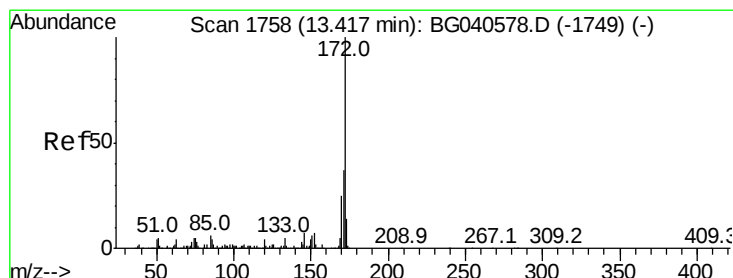
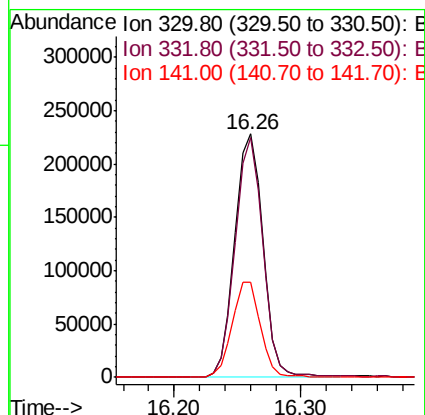
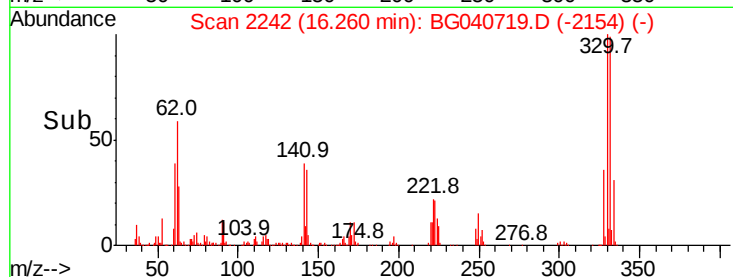
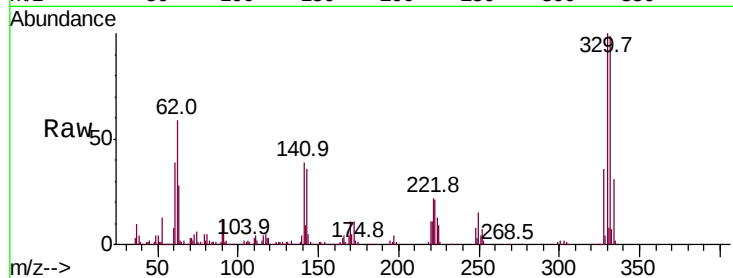




#42
 2,4,6-Tribromophenol
 Concen: 195.893 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040719.D
 Acq: 2 May 2019 22:48

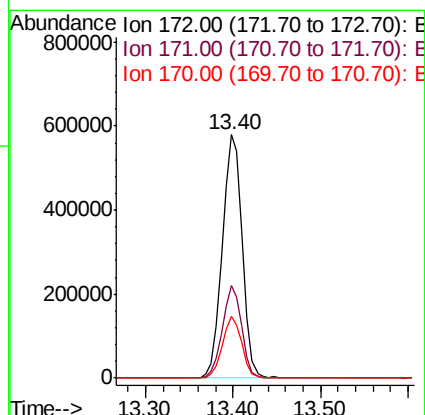
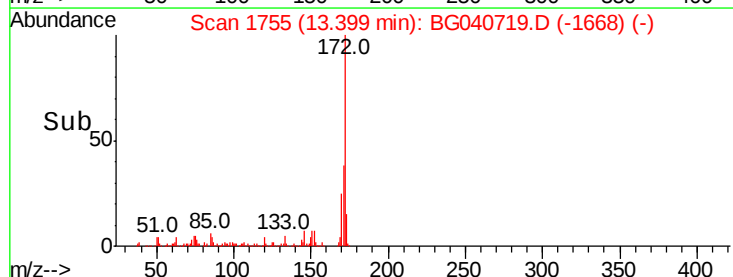
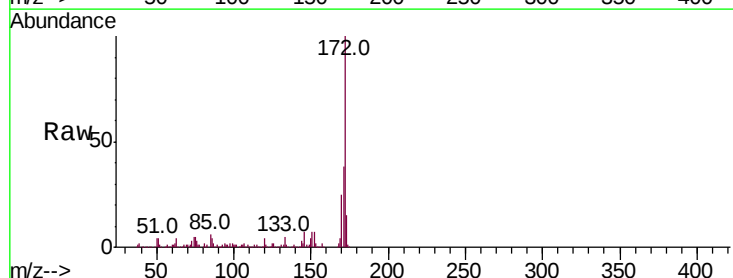
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

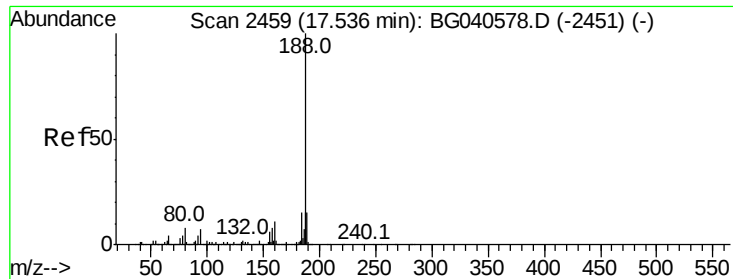
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	39.1	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 100.710 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040719.D
 Acq: 2 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.3	19.9	29.9

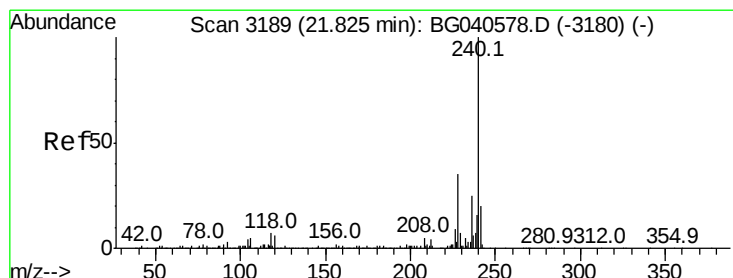
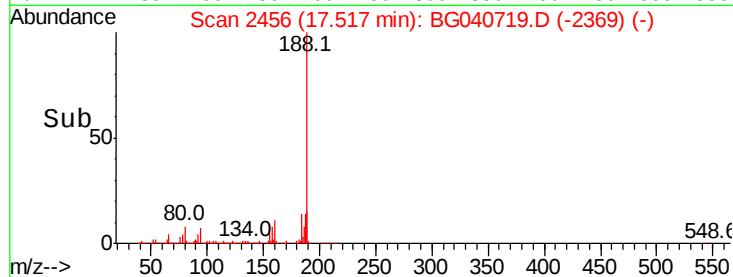
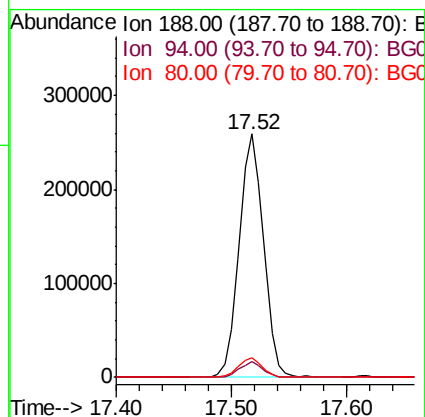
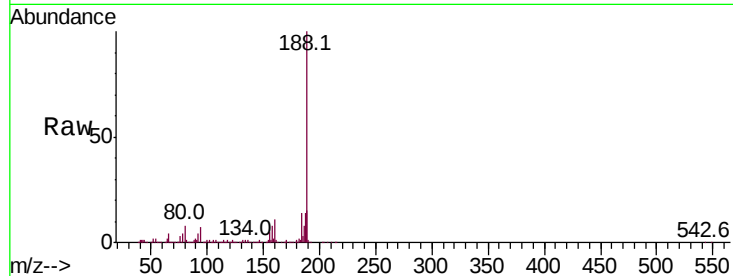




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG040719.D
 Acq: 2 May 2019 22:48

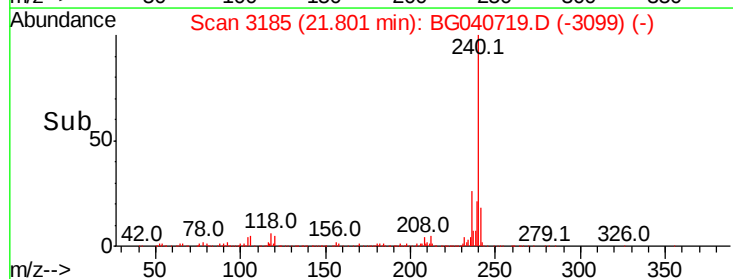
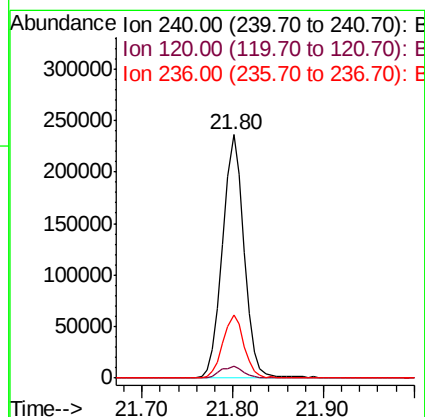
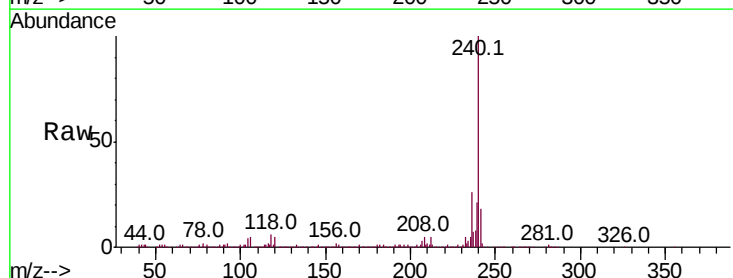
Instrument :
 BNA_G
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 OILY-STONES

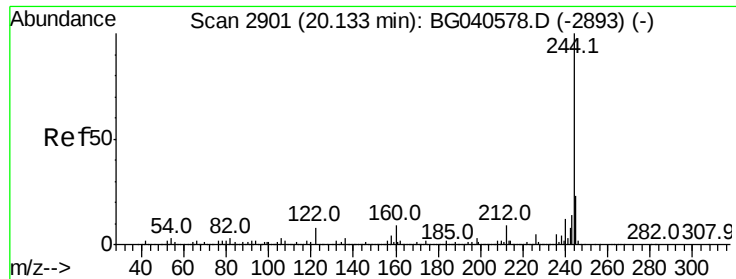
Tot Ion:188 Resp: 378866
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.6 8.4
 80 8.1 6.4 9.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BG040719.D
 Acq: 2 May 2019 22:48

Tgt Ion:240 Resp: 388459
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.0 7.6#
 236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 106.886 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

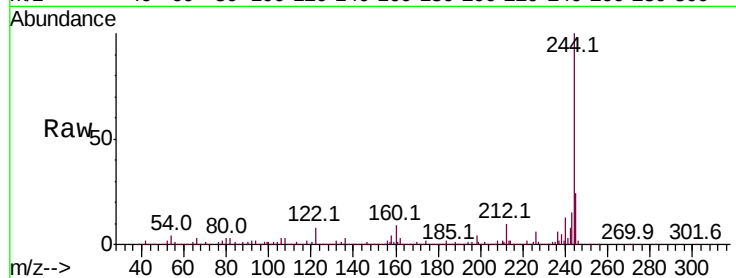
Tot Ion:244 Resp: 1874169

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

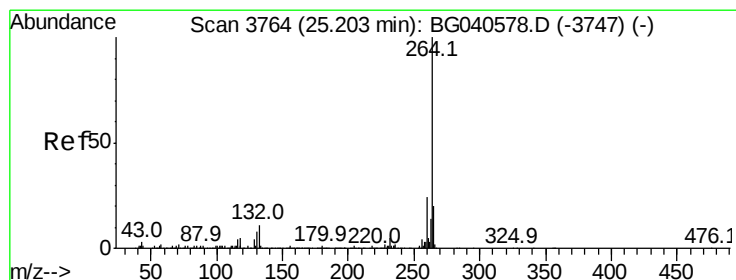
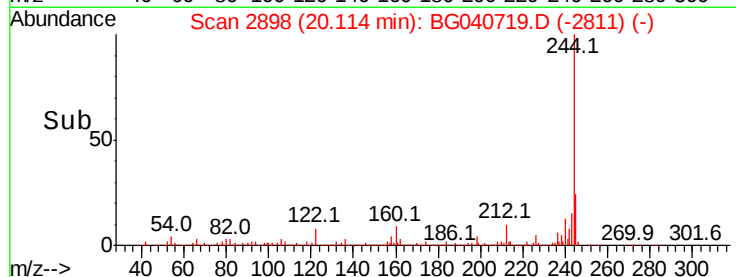
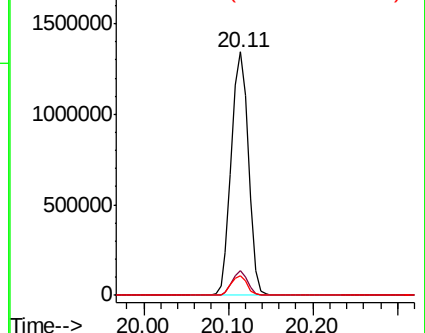
122 8.3 6.6 10.0



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040719.D

Acq: 2 May 2019 22:48

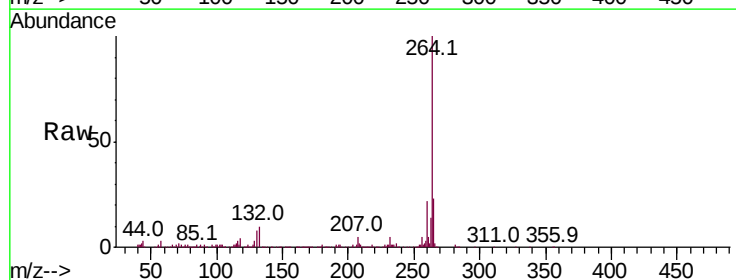
Tgt Ion:264 Resp: 407192

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 22.5 16.6 25.0



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

