

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040862.D
 Acq On : 11 May 2019 1:45
 Operator : HP/JU
 Sample : K2770-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: May 11 06:35:23 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	8.14	152	49334	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	185717	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	137278	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	390388	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	441756	20.00	ng	-0.04
87) Perylene-d12	25.13	264	446831	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	347237	124.07	ng	-0.02
7) Phenol-d6	7.27	99	453130	105.15	ng	-0.02
23) Nitrobenzene-d5	9.31	82	396224	98.58	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	328227	173.95	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	886034	93.21	ng	-0.03
79) Terphenyl-d14	20.10	244	1927963	96.69	ng	-0.03

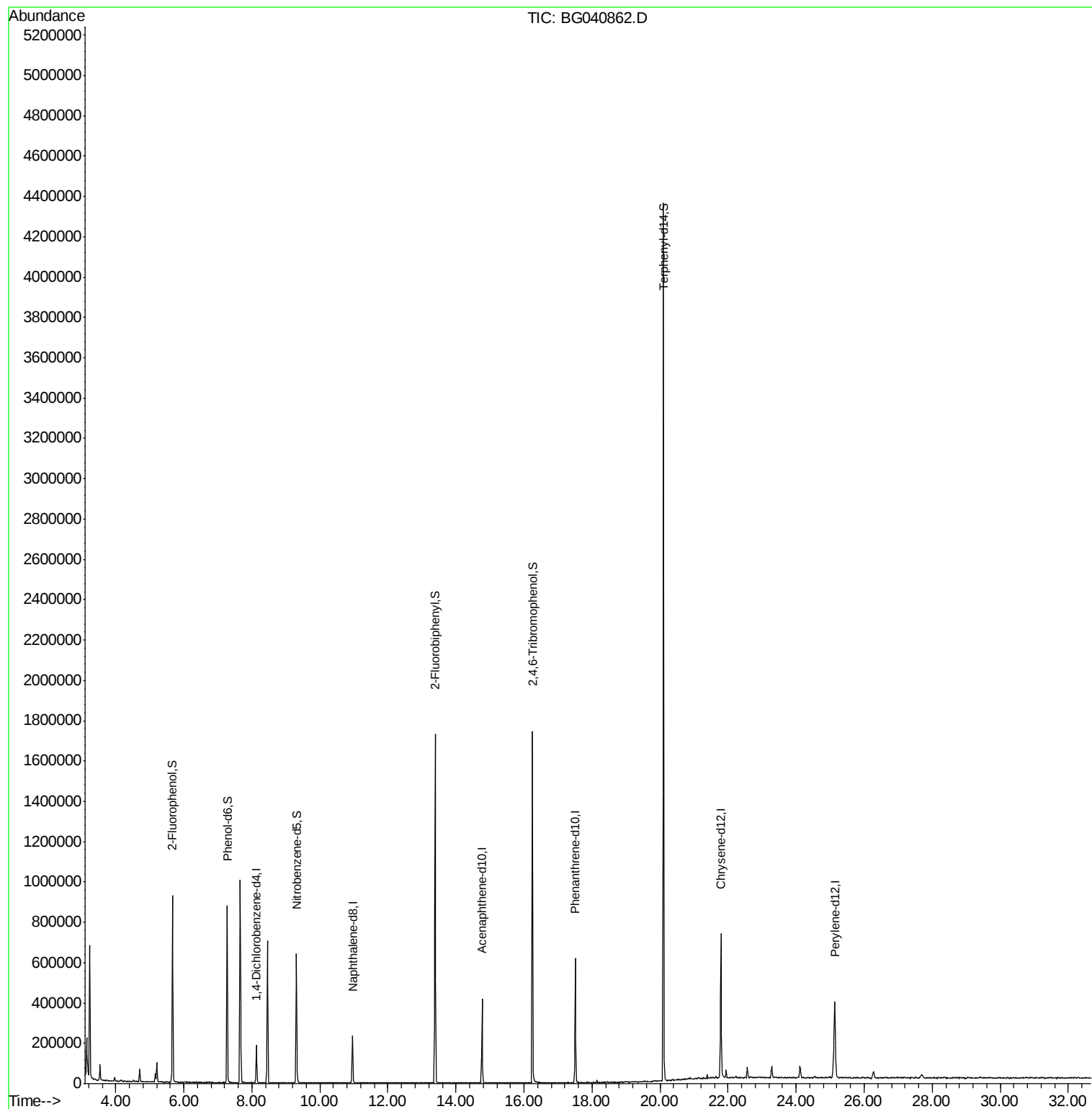
Target Compounds	Qvalue
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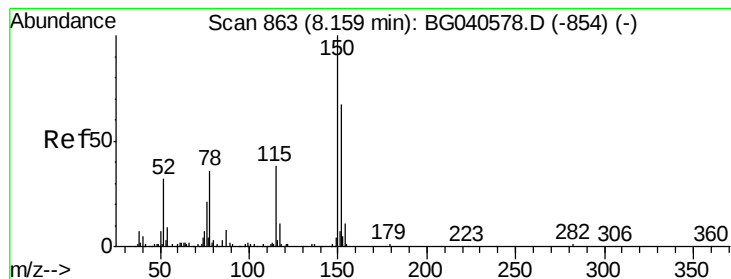
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

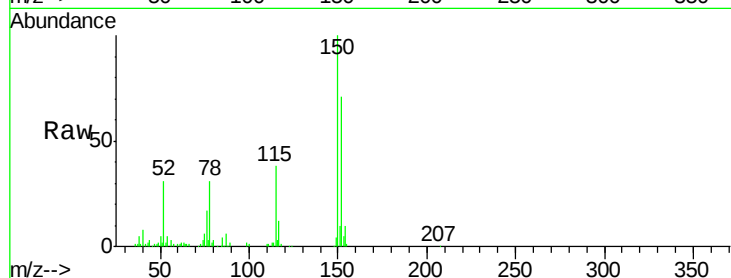
Tgt Ion:152 Resp: 49334

Ion Ratio Lower Upper

152 100

150 141.2 120.2 180.2

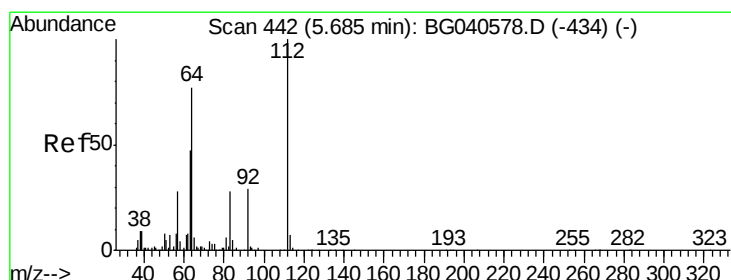
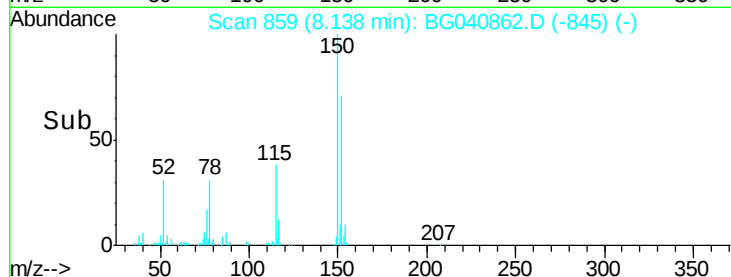
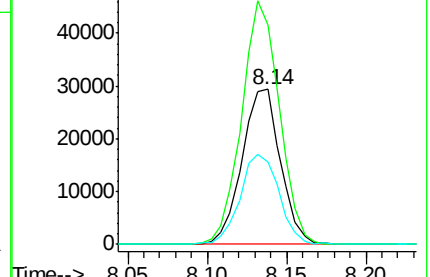
115 53.1 46.2 69.2



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: 124.072 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.02 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

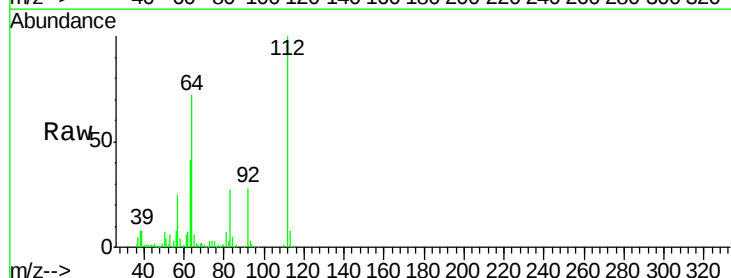
Tgt Ion:112 Resp: 347237

Ion Ratio Lower Upper

112 100

64 71.8 61.4 92.0

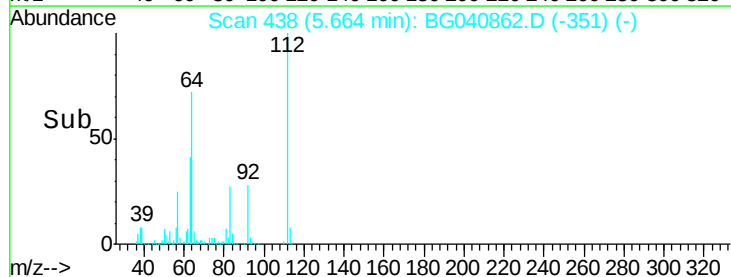
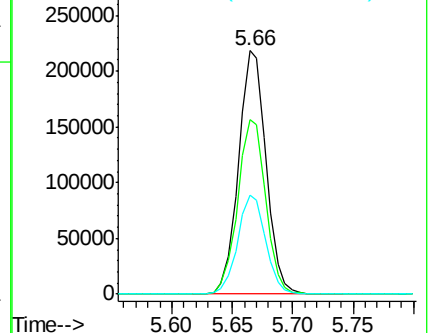
63 40.9 37.8 56.6



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: 105.155 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

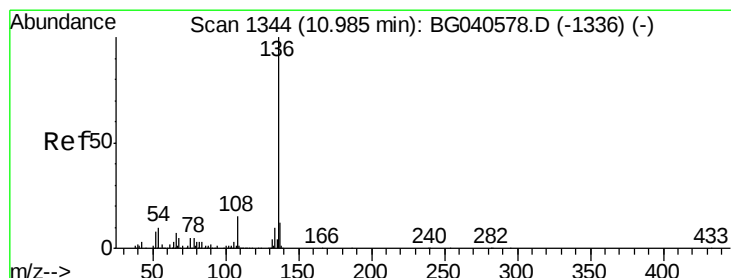
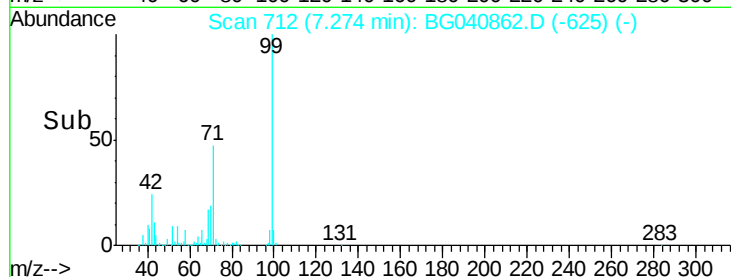
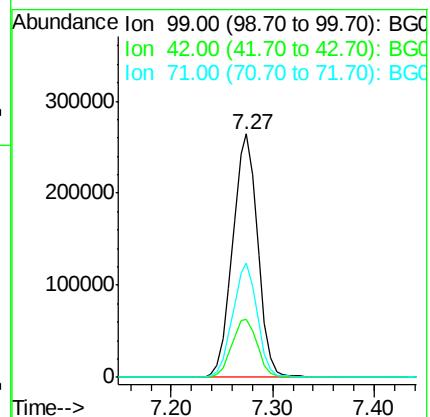
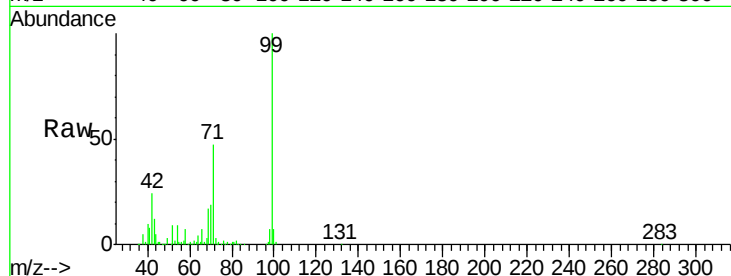
Tgt Ion: 99 Resp: 453130

Ion Ratio Lower Upper

99 100

42 23.9 21.8 32.8

71 47.2 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

Tgt Ion: 136 Resp: 185717

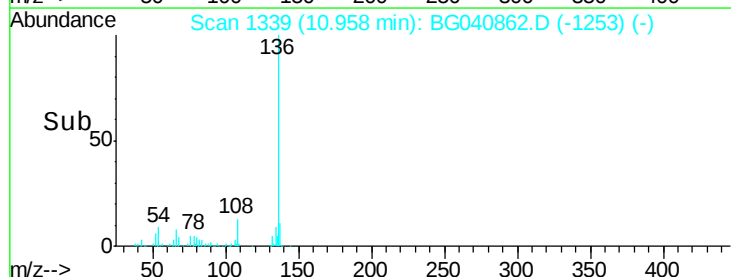
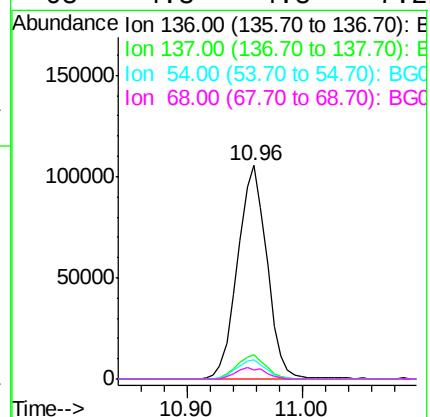
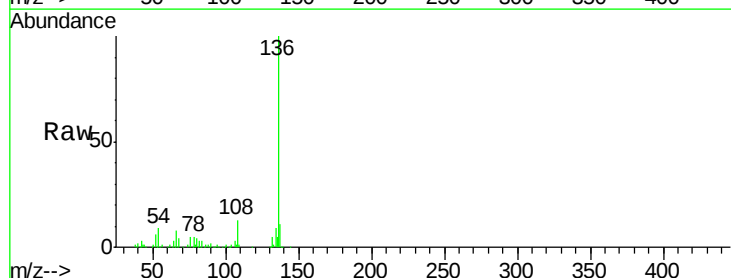
Ion Ratio Lower Upper

136 100

137 11.4 9.7 14.5

54 8.8 8.6 12.8

68 4.3 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 98.580 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

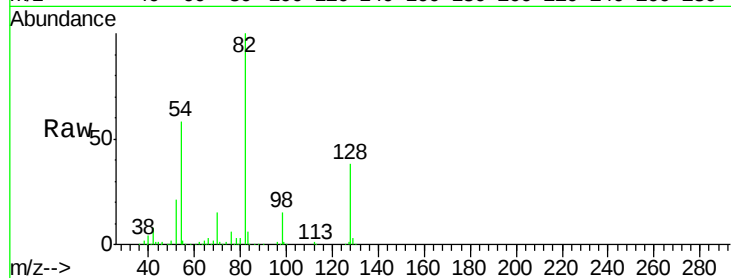
Tgt Ion: 82 Resp: 396224

Ion Ratio Lower Upper

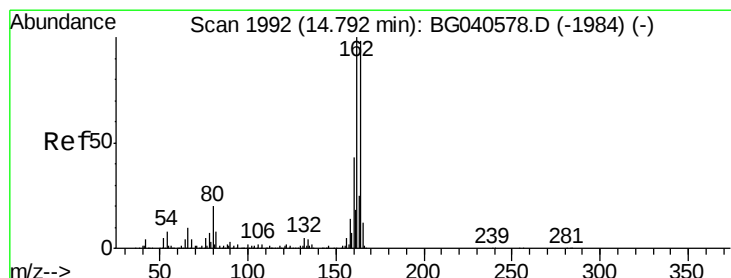
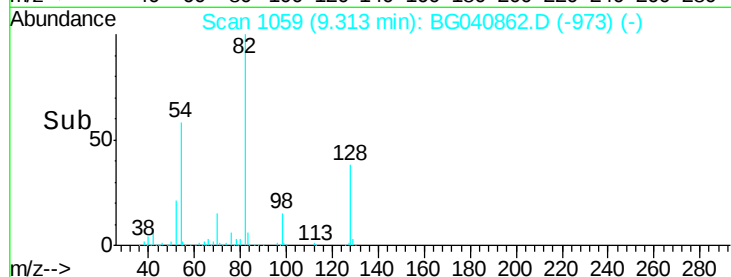
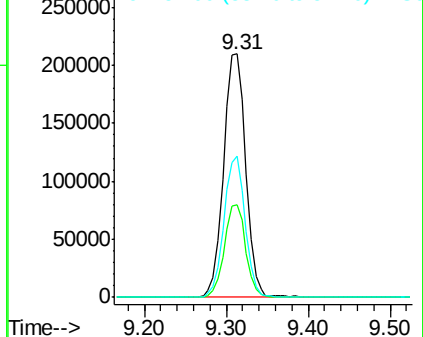
82 100

128 38.2 28.9 43.3

54 57.9 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# 1987

Delta R.T. -0.03 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

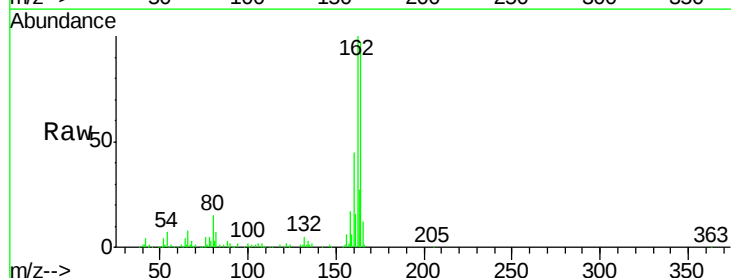
Tgt Ion: 164 Resp: 137278

Ion Ratio Lower Upper

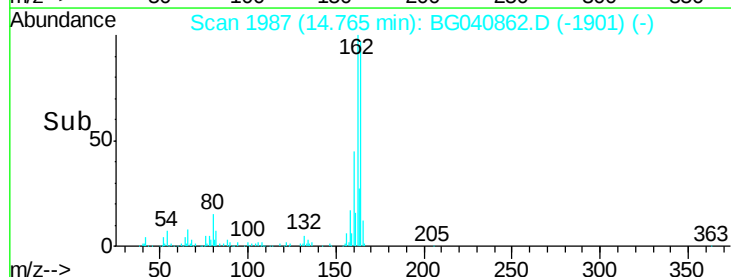
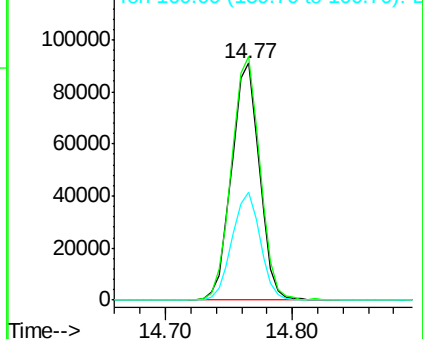
164 100

162 102.9 81.9 122.9

160 45.8 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

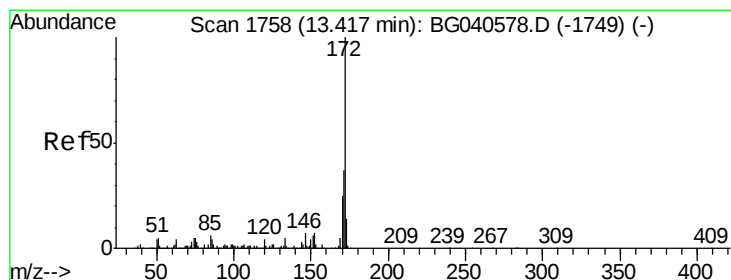
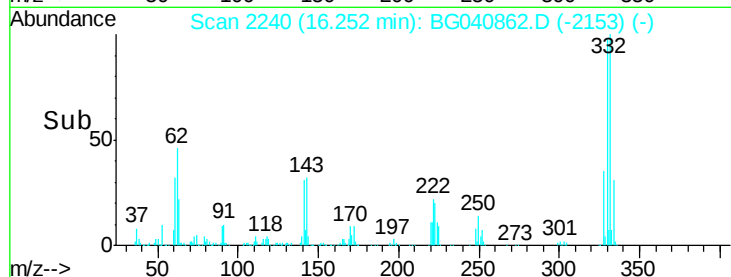
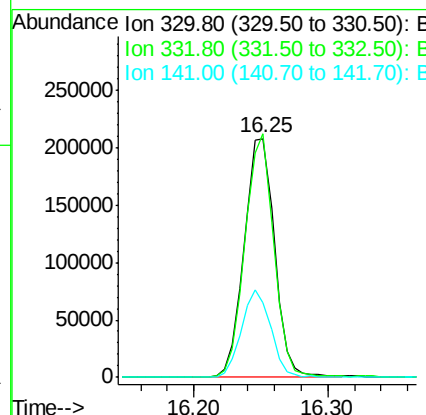
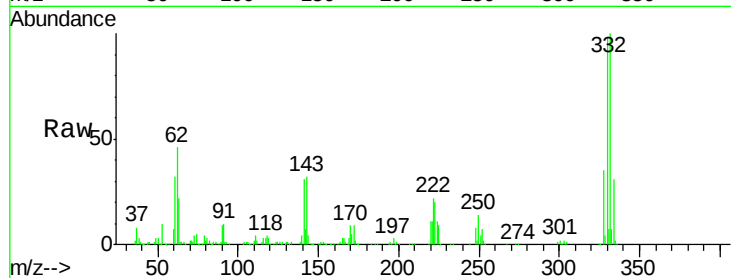




#42
 2,4,6-Tribromophenol
 Concen: 173.949 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040862.D
 Acq: 11 May 2019 1:45

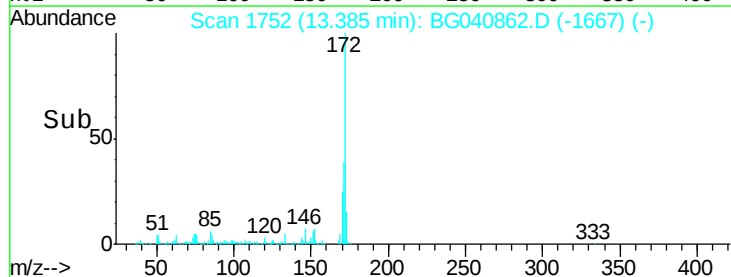
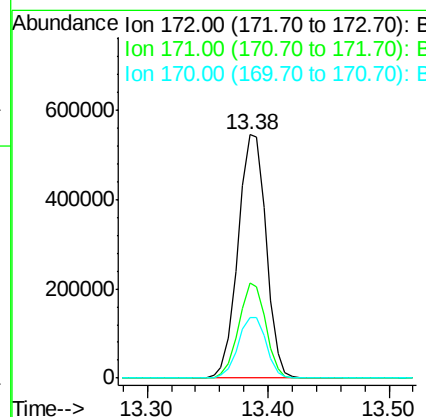
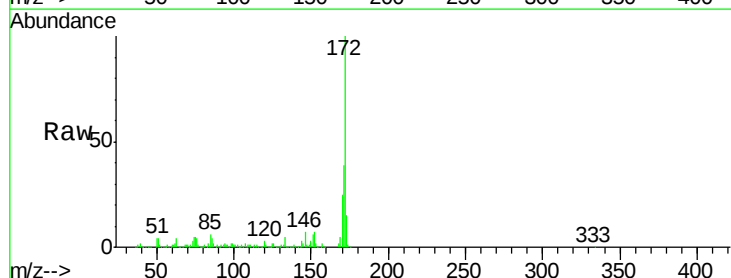
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

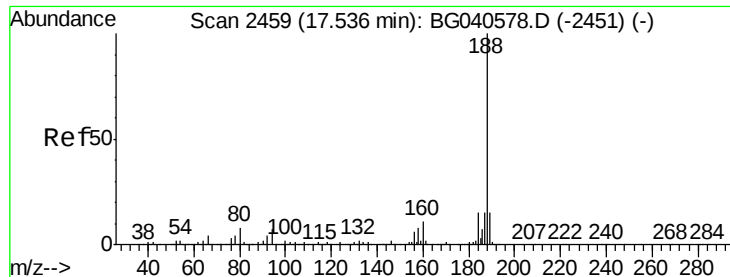
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	35.6	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 93.213 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040862.D
 Acq: 11 May 2019 1:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	24.8	19.9	29.9

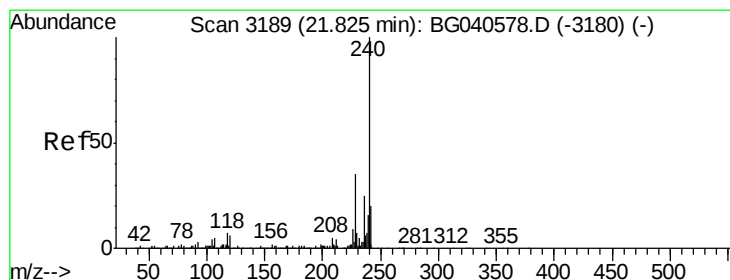
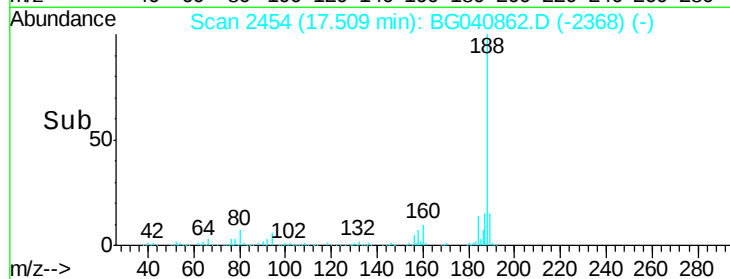
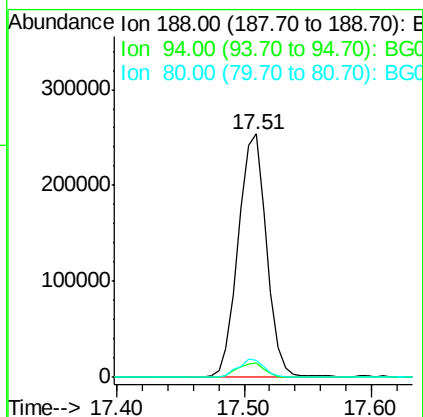
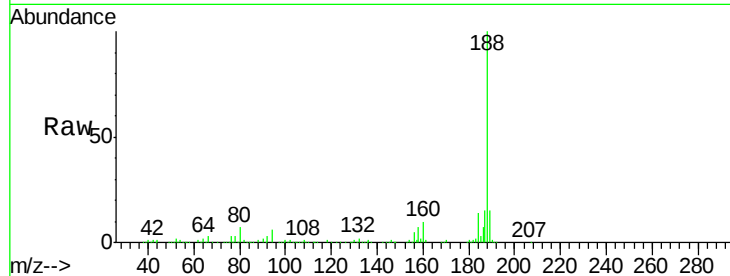




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040862.D
Acq: 11 May 2019 1:45

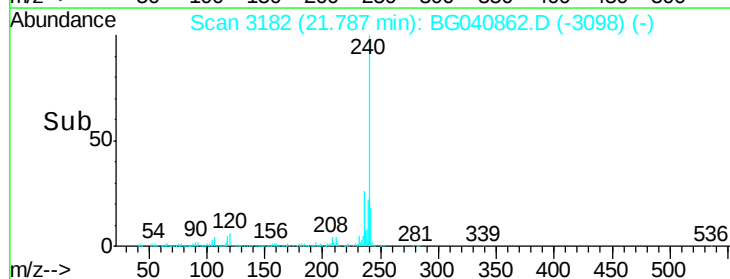
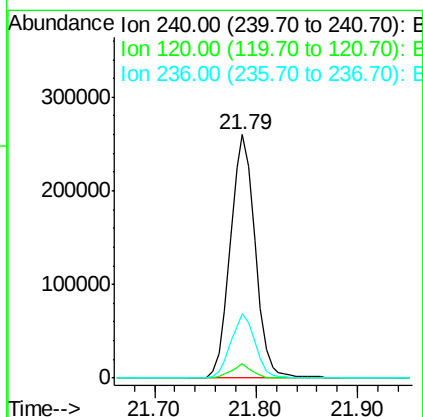
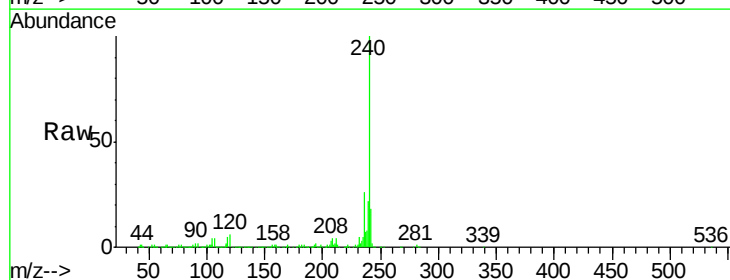
Instrument :
BNA_G
ClientSampleId :
OILY-STONES

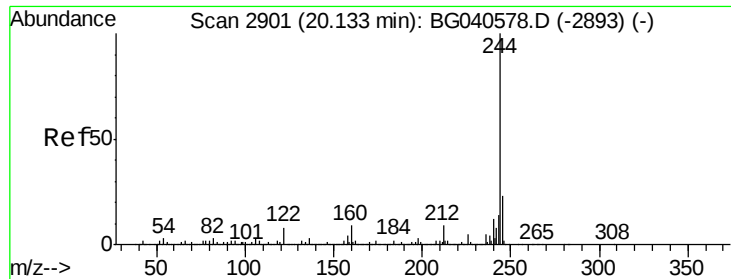
Tgt Ion:188 Resp: 390388
Ion Ratio Lower Upper
188 100
94 5.8 5.6 8.4
80 7.0 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040862.D
Acq: 11 May 2019 1:45

Tgt Ion:240 Resp: 441756
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.6
236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 96.688 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

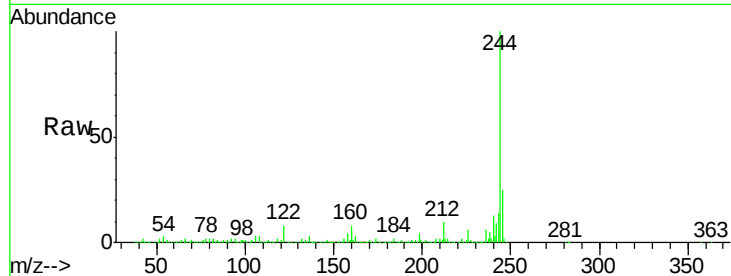
Tgt Ion:244 Resp: 1927963

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

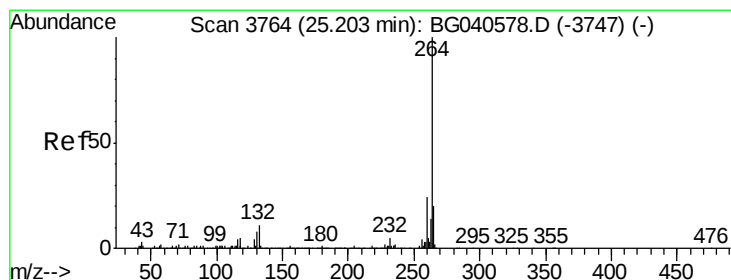
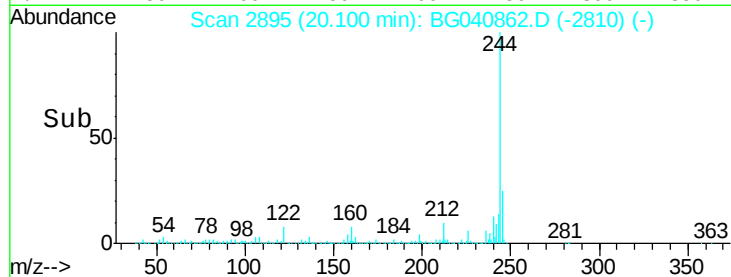
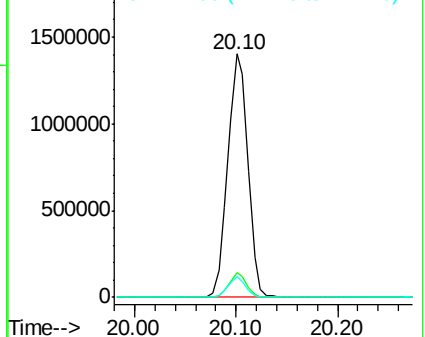
122 8.4 6.6 10.0



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: 25.13 min Scan# 3751

Delta R.T. -0.07 min

Lab File: BG040862.D

Acq: 11 May 2019 1:45

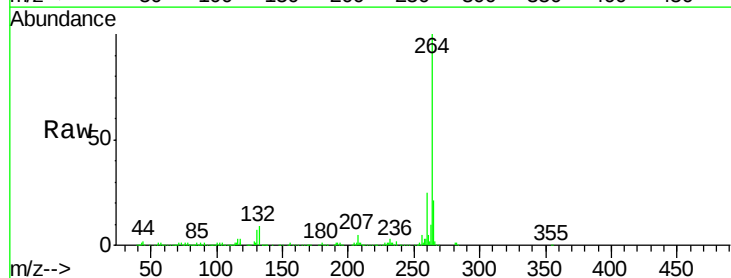
Tgt Ion:264 Resp: 446831

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 20.6 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

