

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039076.D
 Acq On : 11 Jan 2019 6:27
 Operator : JU/SJ
 Sample : K1083-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 11 08:33:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	81441	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60199	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	166737	20.00	ng	0.00
76) Chrysene-d12	21.69	240	183064	20.00	ng	-0.01
87) Perylene-d12	24.97	264	194213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	84740	80.83	ng	0.00
7) Phenol-d6	7.18	99	109349	72.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	74428	50.01	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	76838	76.14	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	223559	50.82	ng	0.00
79) Terphenyl-d14	20.02	244	519664	52.51	ng	0.00

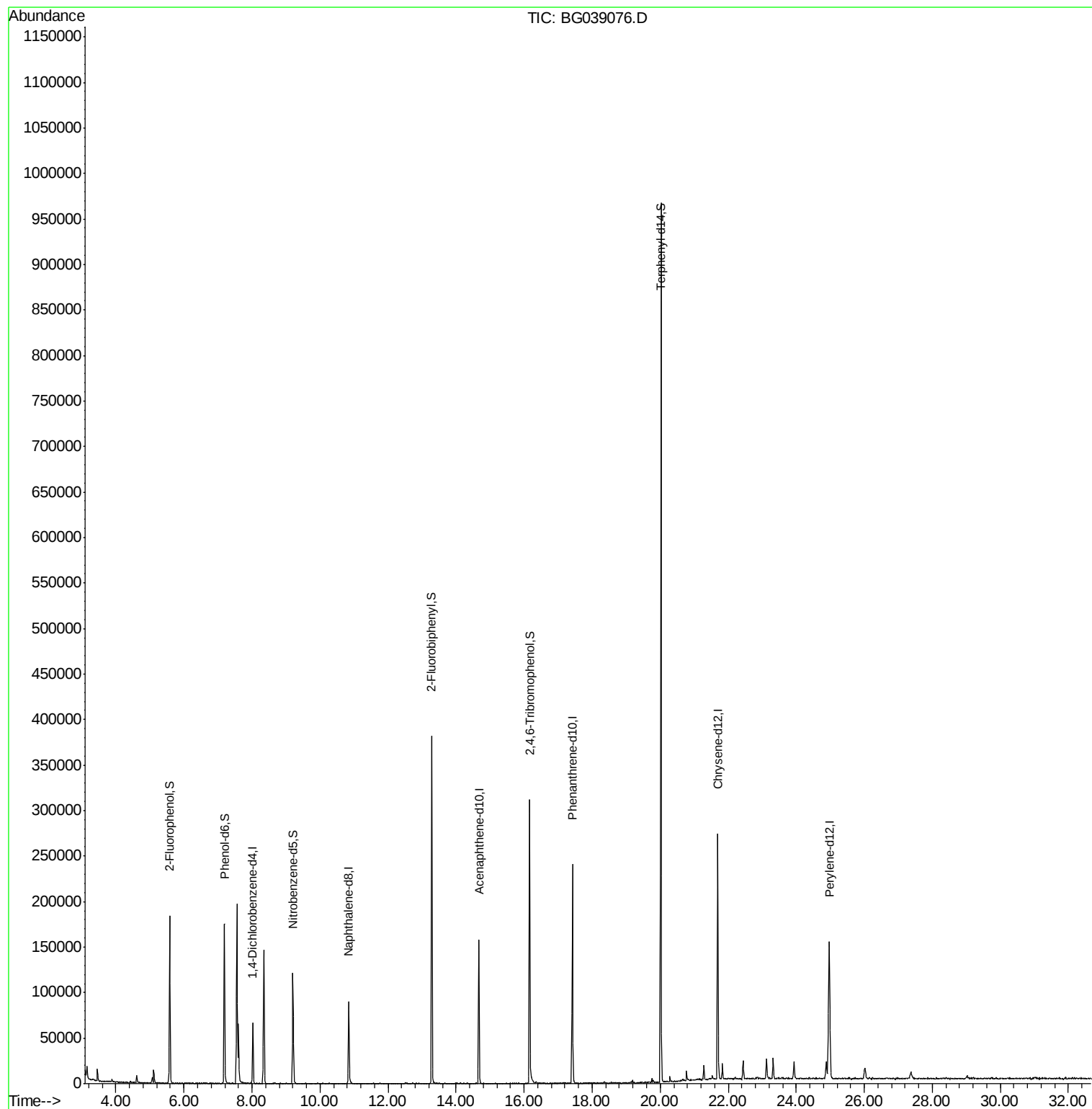
Target Compounds Qvalue

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

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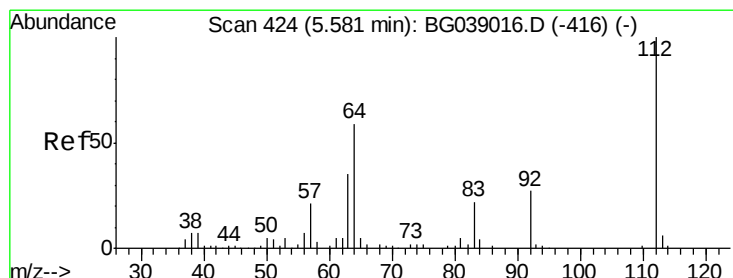
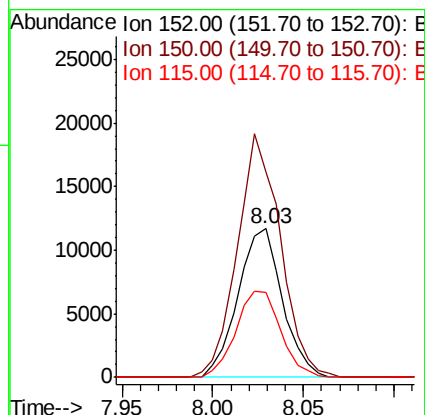
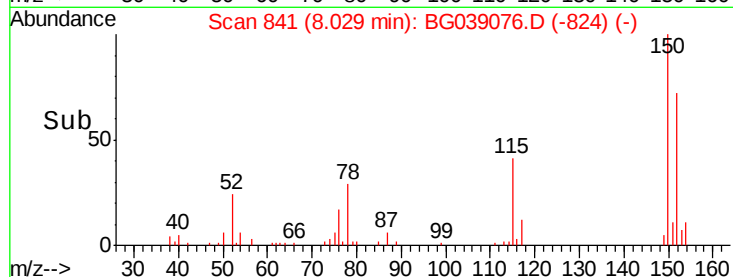
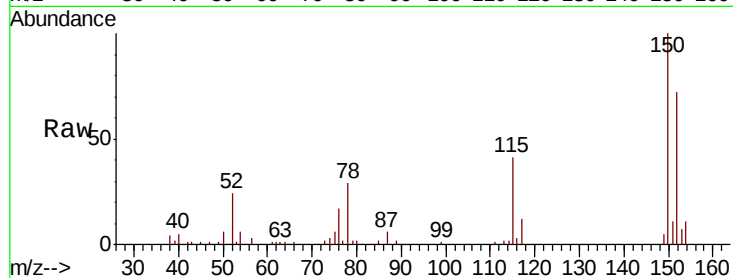


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

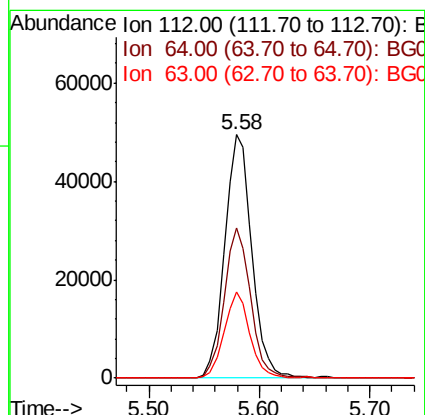
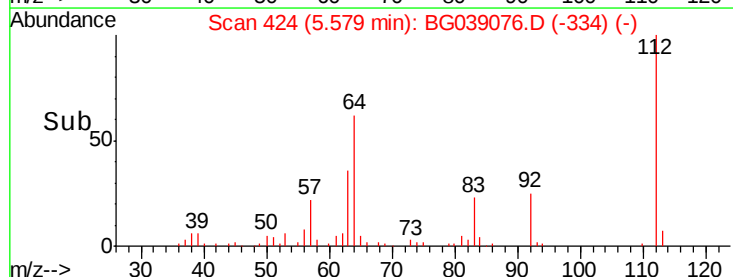
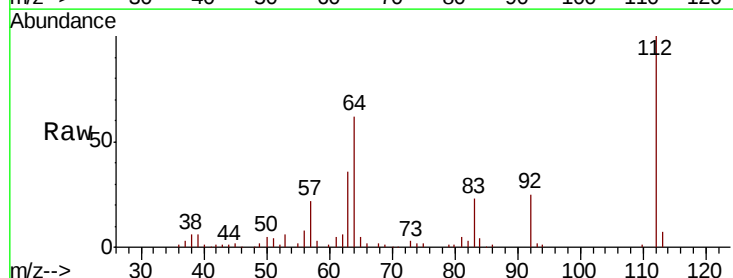
Tot Ion:152 Resp: 19888
Ion Ratio Lower Upper
152 100
150 138.4 124.7 187.1
115 57.1 46.5 69.7



#5

2-Fluorophenol
Concen: 80.828 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Tgt Ion:112 Resp: 84740
Ion Ratio Lower Upper
112 100
64 61.6 47.0 70.6
63 35.6 28.0 42.0





#7

Phenol-d6

Concen: 72.475 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

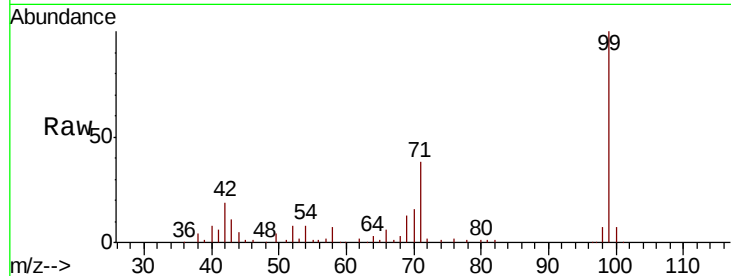
Tot Ion: 99 Resp: 109349

Ion Ratio Lower Upper

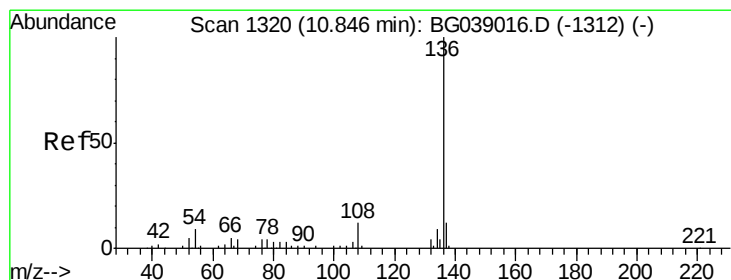
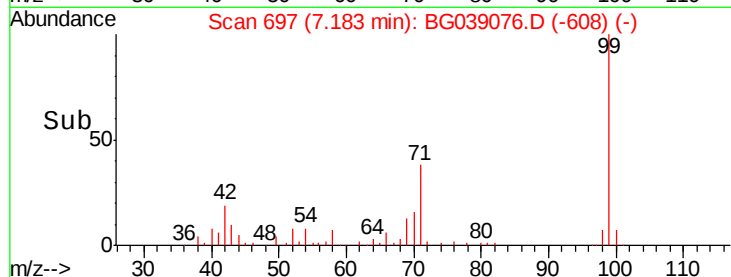
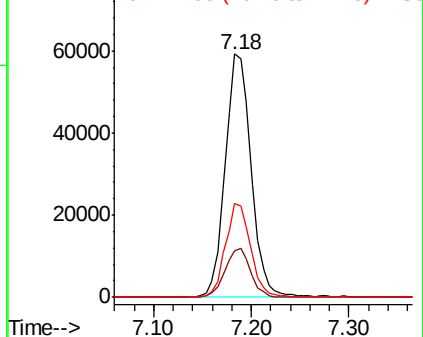
99 100

42 18.9 15.8 23.6

71 38.4 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Tgt Ion: 136 Resp: 81441

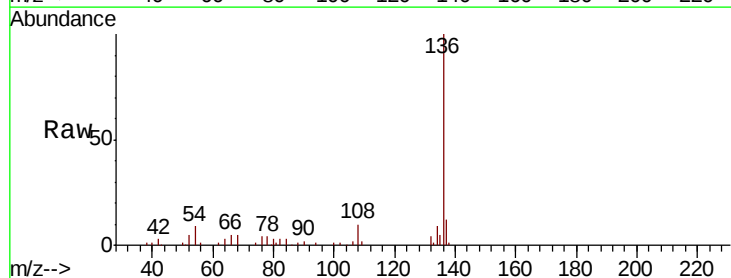
Ion Ratio Lower Upper

136 100

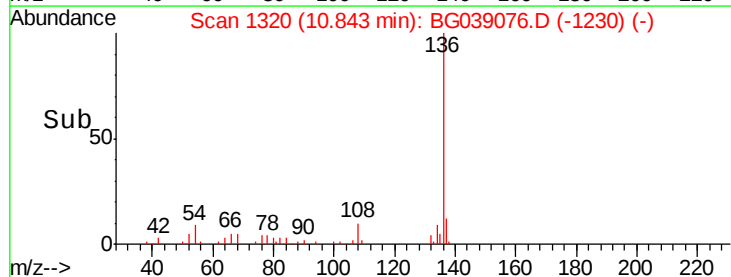
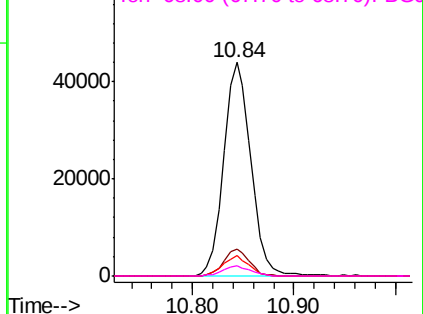
137 12.5 9.4 14.2

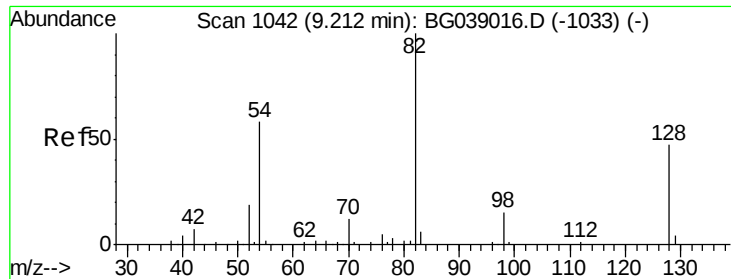
54 9.4 7.2 10.8

68 4.6 3.5 5.3



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

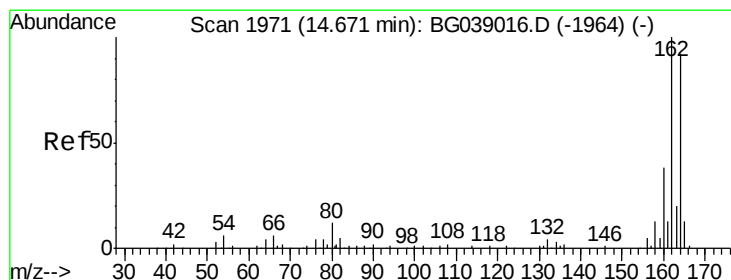
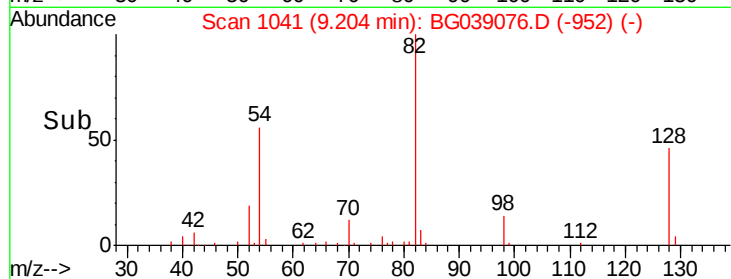
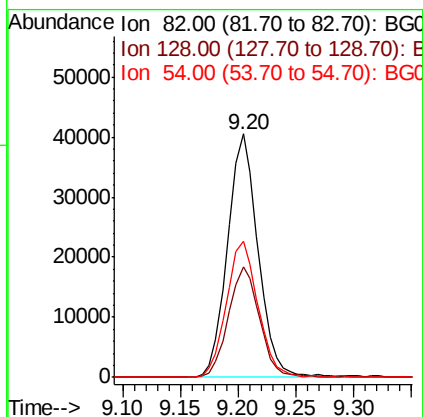
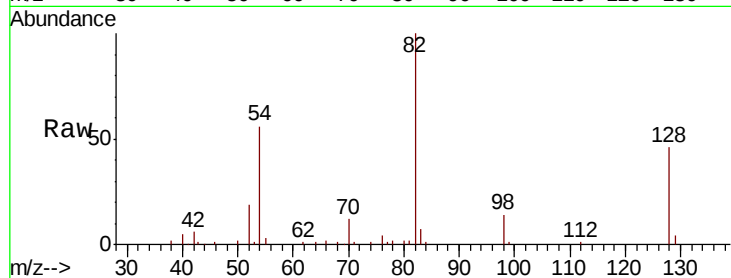




#23
 Nitrobenzene-d5
 Concen: 50.008 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

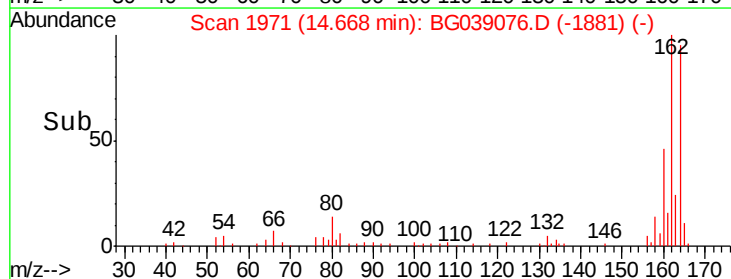
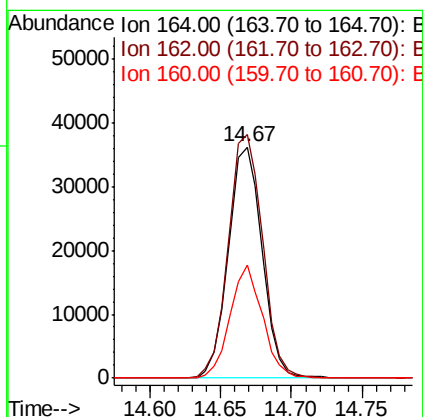
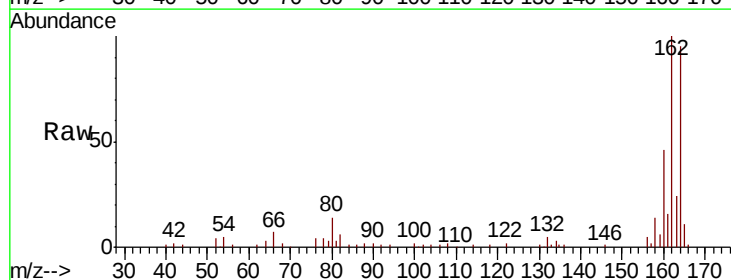
Instrument :
 BNA_G
 ClientSampled :
 OILY-STONES

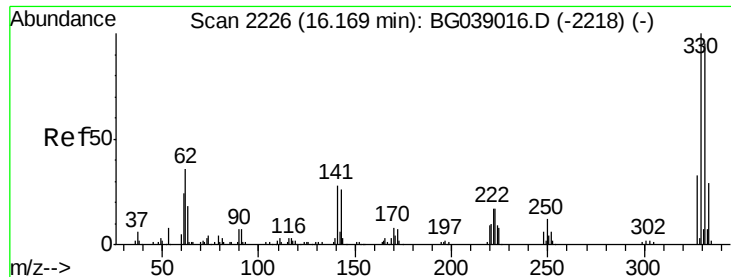
Tot Ion: 82 Resp: 74428
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 56.0 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

Tgt Ion: 164 Resp: 60199
 Ion Ratio Lower Upper
 164 100
 162 105.4 87.2 130.8
 160 48.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 76.145 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

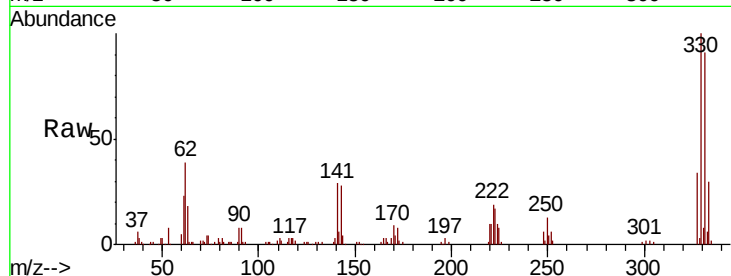
Tot Ion:330 Resp: 76838

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

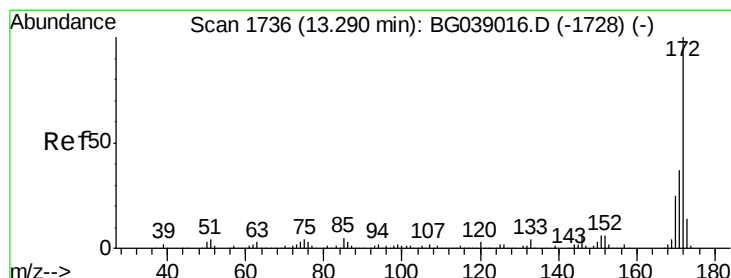
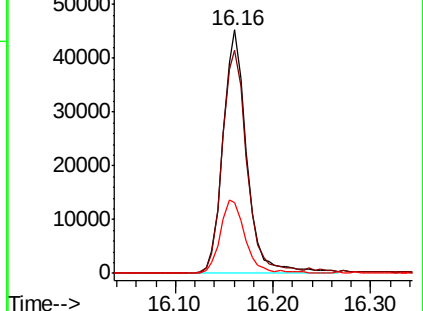
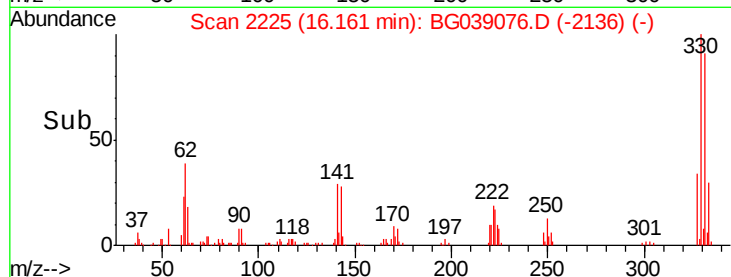
141 31.6 24.9 37.3



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: 50.824 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

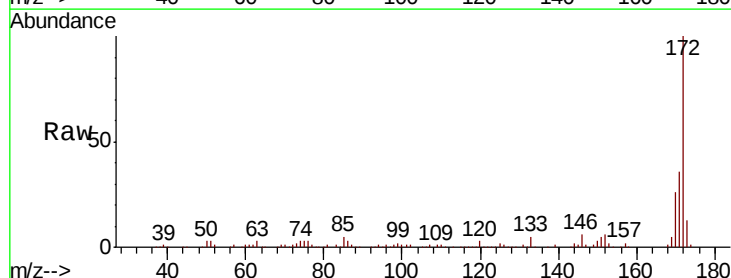
Tgt Ion:172 Resp: 223559

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

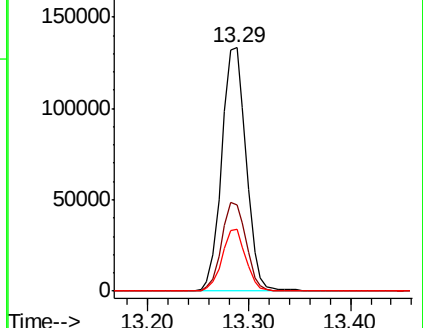
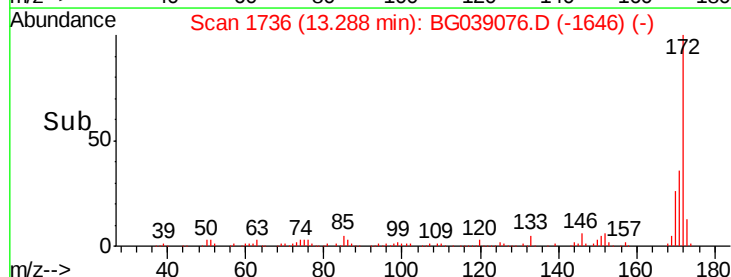
170 25.6 20.1 30.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

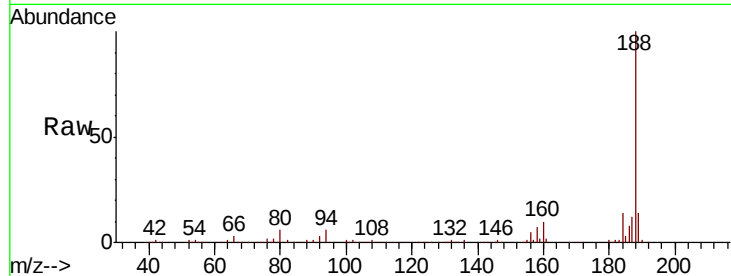
Tot Ion:188 Resp: 166737

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

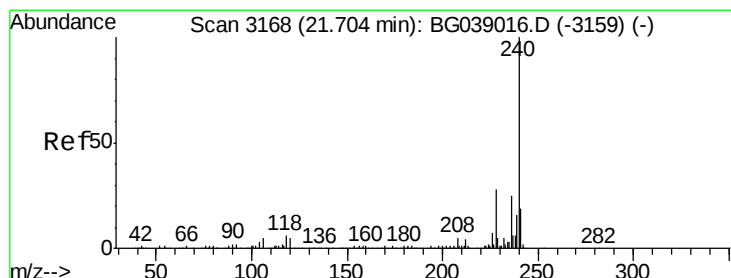
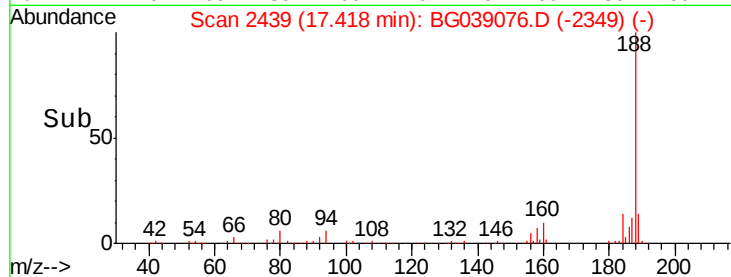
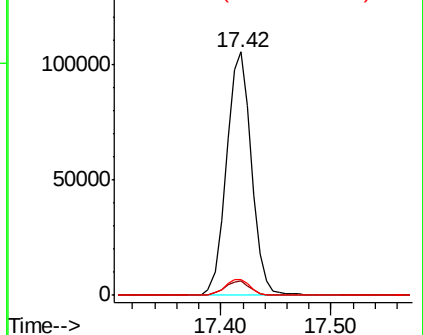
80 6.4 4.7 7.1



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. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

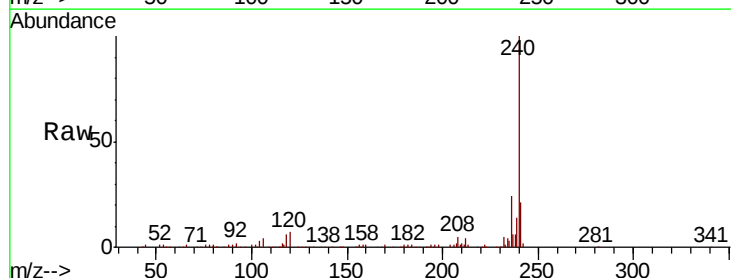
Tgt Ion:240 Resp: 183064

Ion Ratio Lower Upper

240 100

120 7.0 4.3 6.5#

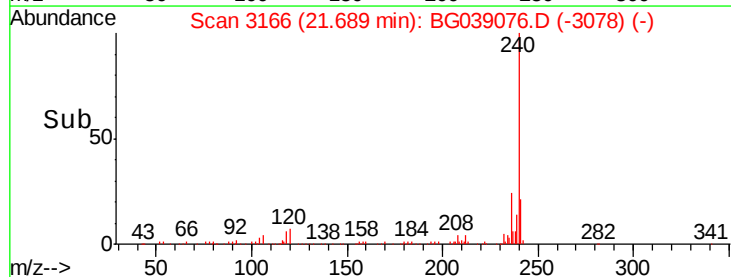
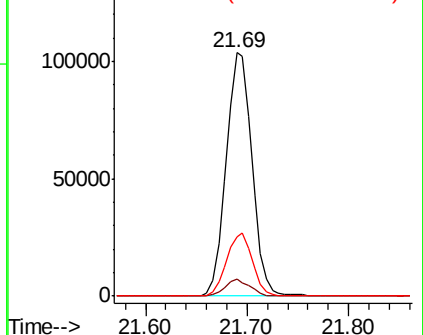
236 24.4 20.1 30.1

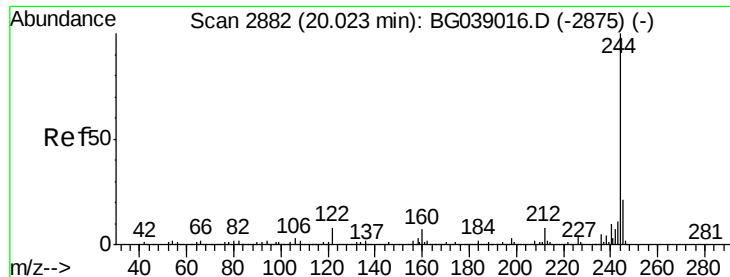


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.513 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

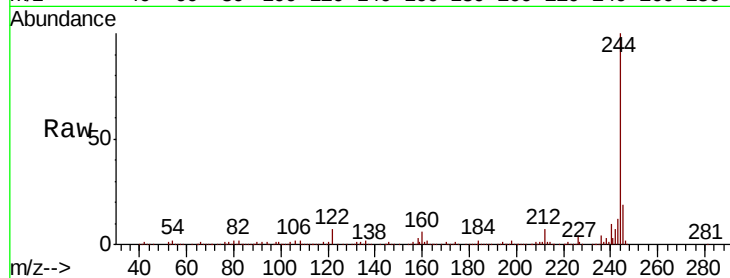
Tot Ion:244 Resp: 519664

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

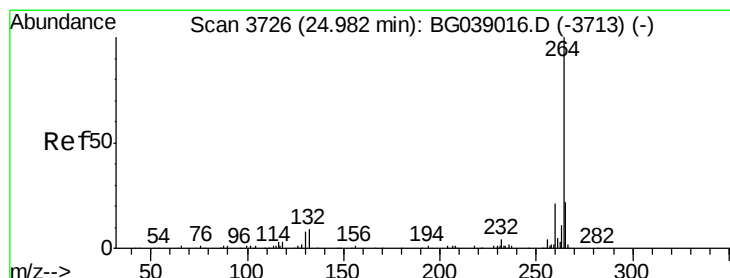
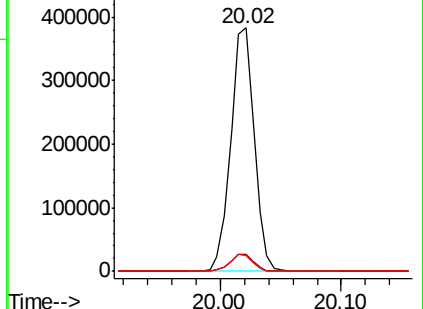
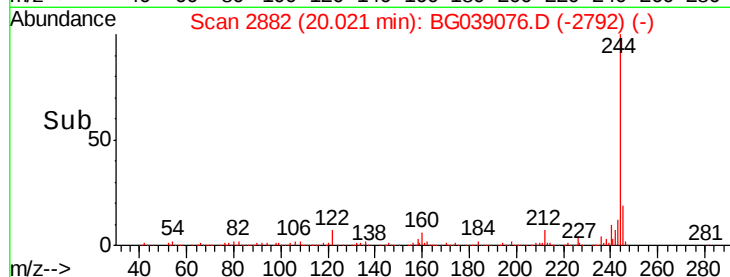
122 6.6 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

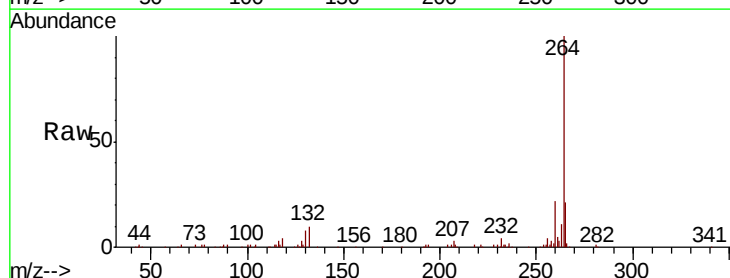
Tgt Ion:264 Resp: 194213

Ion Ratio Lower Upper

264 100

260 21.7 17.0 25.6

265 21.5 17.2 25.8



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

