

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039519.D
 Acq On : 14 Feb 2019 23:15
 Operator : JU/SJ
 Sample : K1480-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPERATOR-3

Quant Time: Feb 15 04:56:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

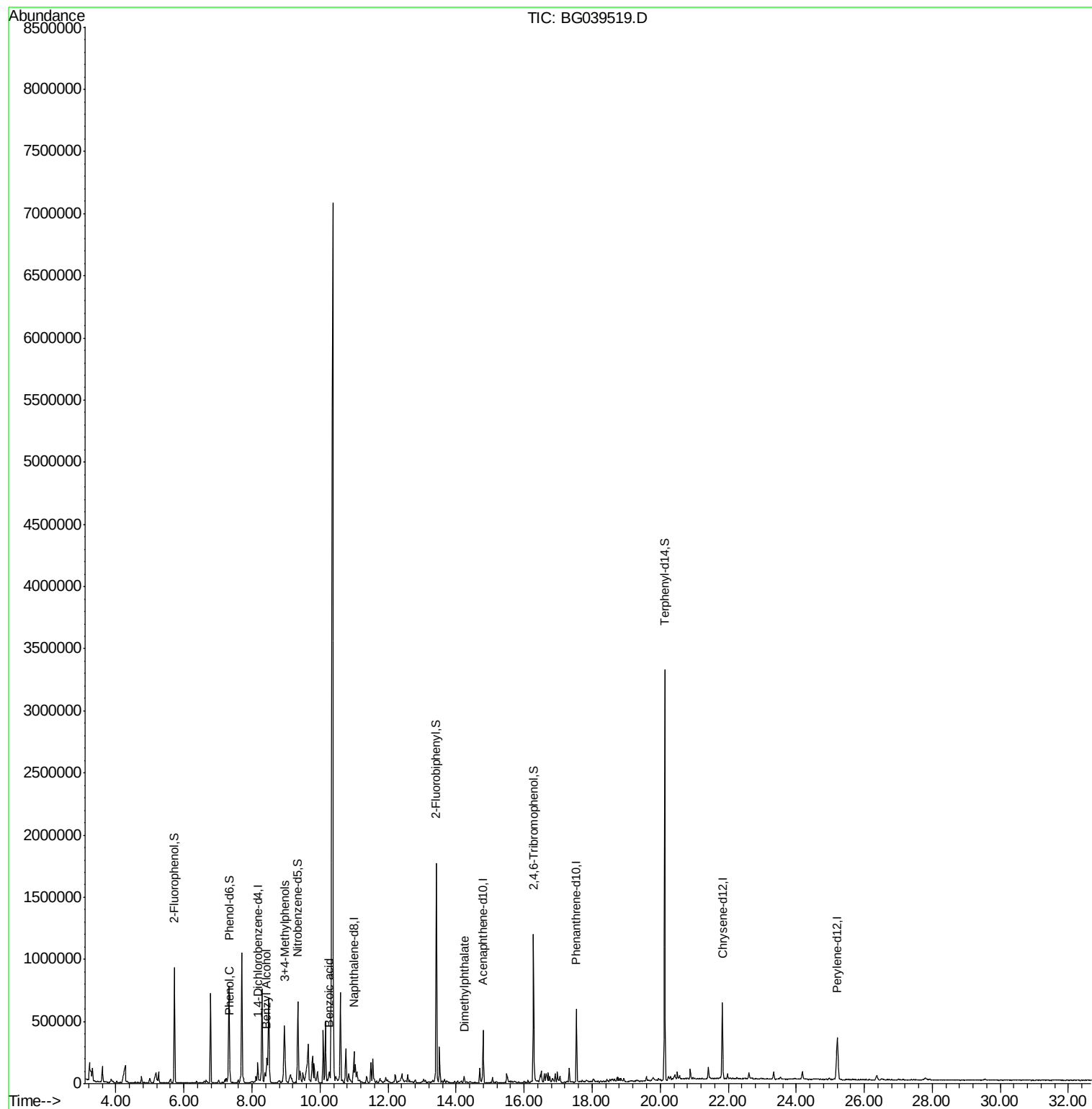
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	45894	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	219121	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	144282	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	346349	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	373207	20.00	ng	-0.02
87) Perylene-d12	25.21	264	383260	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	393643	146.80	ng	0.00
7) Phenol-d6	7.32	99	516613	130.88	ng	0.00
23) Nitrobenzene-d5	9.35	82	381993	108.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	220825	142.13	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	928531	92.32	ng	-0.01
79) Terphenyl-d14	20.13	244	1493211	84.69	ng	-0.02
Target Compounds						
10) Phenol	7.35	94	11011	2.676	ng	83
15) Benzyl Alcohol	8.41	79	9408	3.036	ng	94
20) 3+4-Methylphenols	8.95	107	135824	37.044	ng	91
32) Benzoic acid	10.27	122	33179	22.107	ng	99
50) Dimethylphthalate	14.24	163	28460	2.442	ng	99

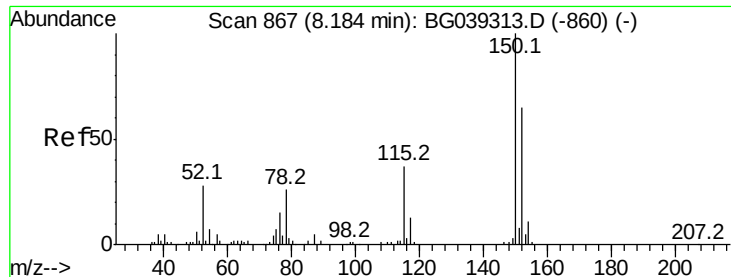
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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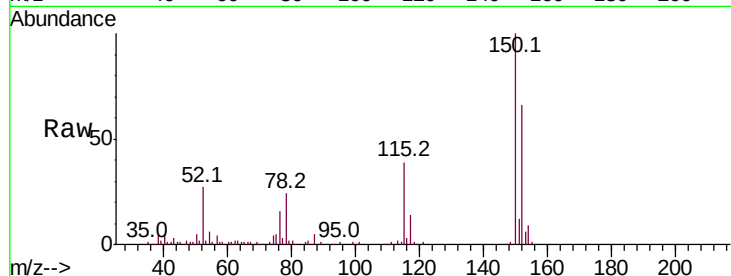


#1

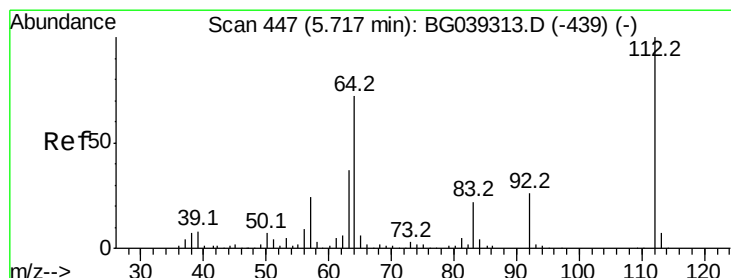
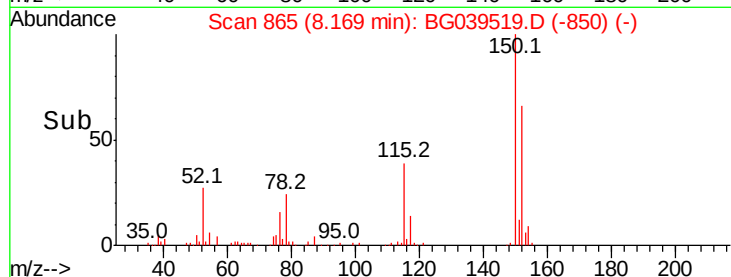
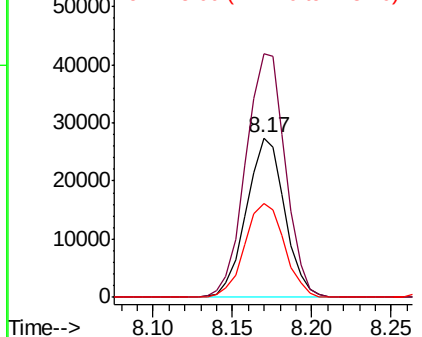
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-3

Tot Ion:152 Resp: 45894
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 58.8 45.9 68.9



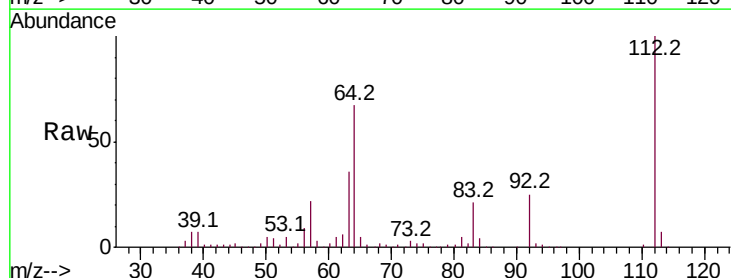
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



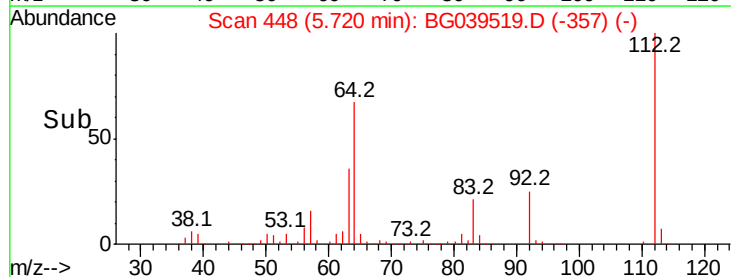
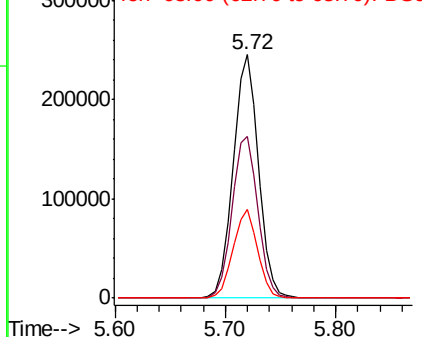
#5

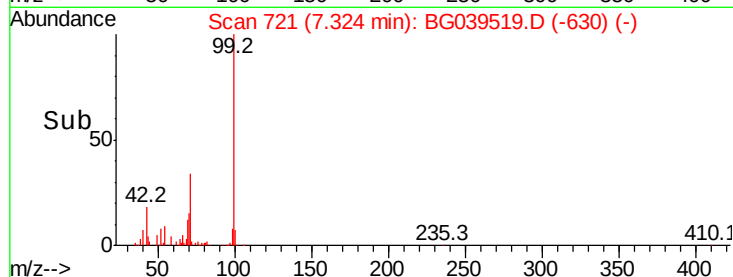
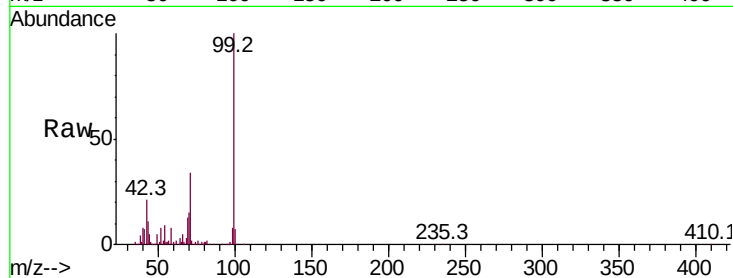
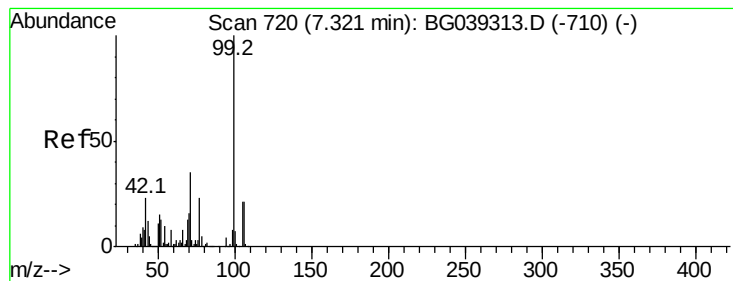
2-Fluorophenol
Concen: 146.800 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:112 Resp: 393643
Ion Ratio Lower Upper
112 100
64 66.6 57.8 86.8
63 36.2 29.8 44.6



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: 130.885 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-3

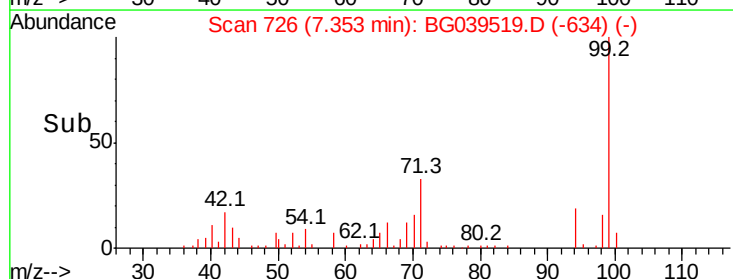
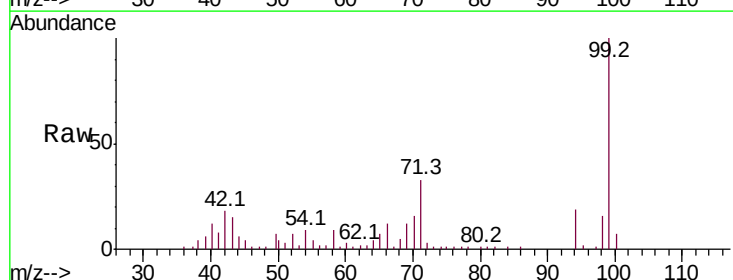
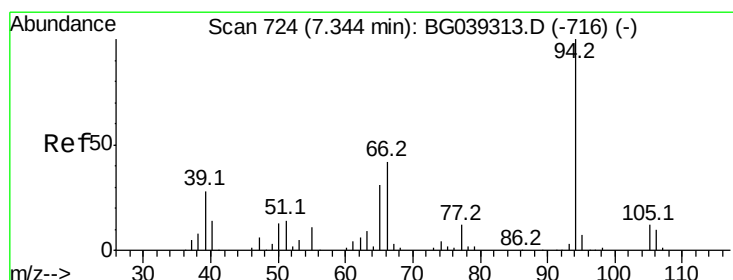
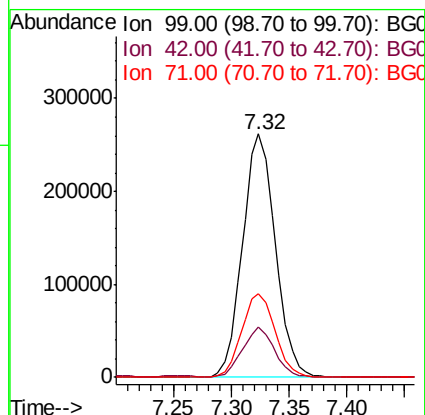
Tot Ion: 99 Resp: 516613

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 34.4 28.0 42.0



#10

Phenol

Concen: 2.676 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

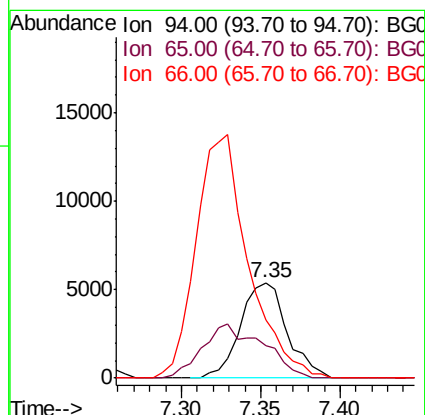
Tgt Ion: 94 Resp: 11011

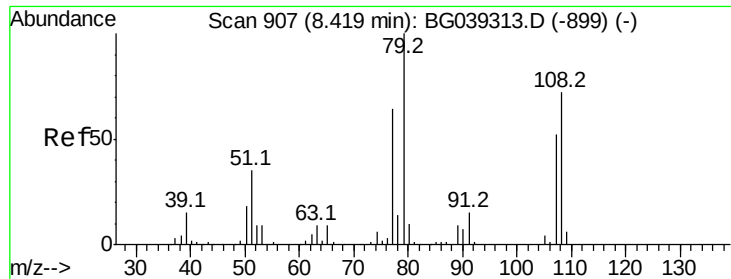
Ion Ratio Lower Upper

94 100

65 34.5 11.7 51.7

66 60.0 23.7 63.7

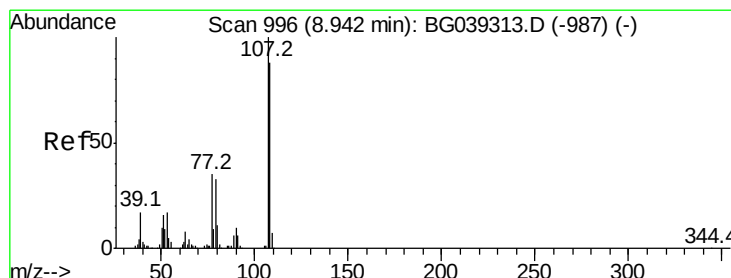
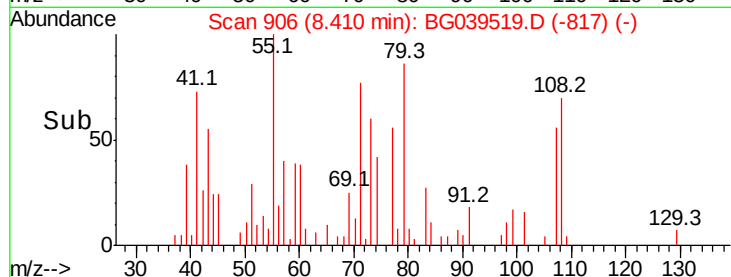
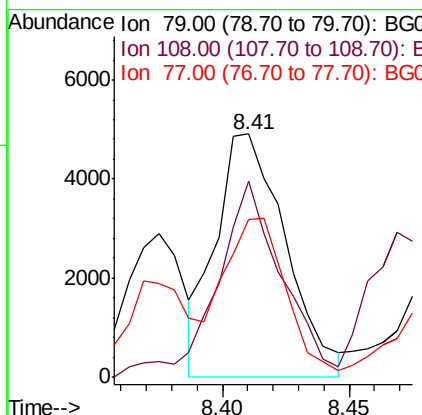
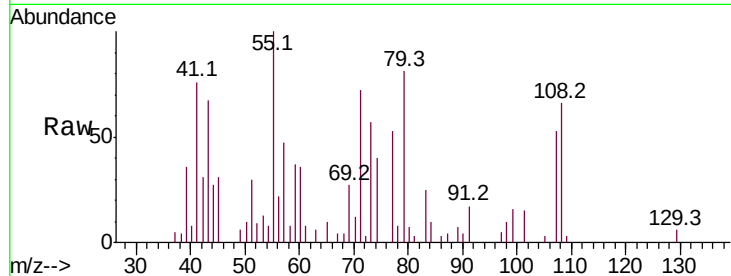




#15
Benzyl Alcohol
Concen: 3.036 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

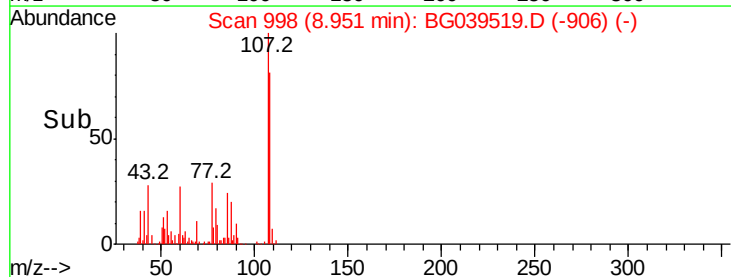
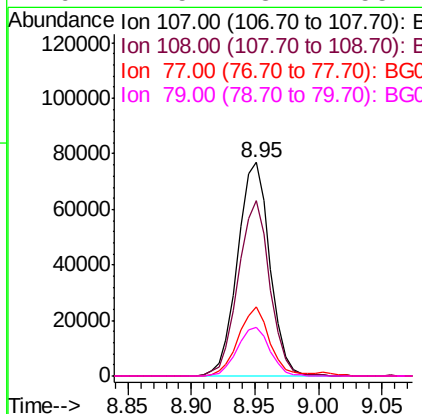
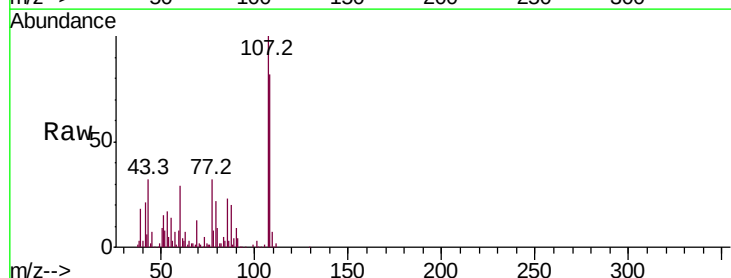
Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-3

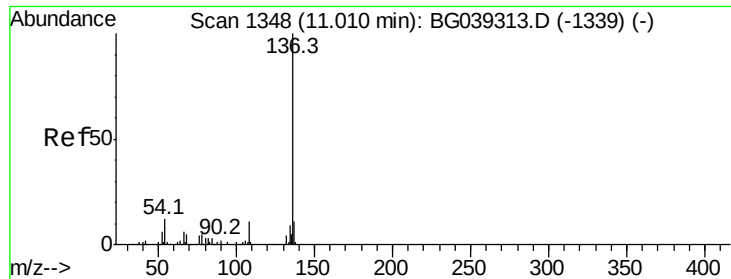
Tot Ion: 79 Resp: 9408
Ion Ratio Lower Upper
79 100
108 80.8 57.8 86.6
77 65.0 51.1 76.7



#20
3+4-Methylphenols
Concen: 37.044 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion: 107 Resp: 135824
Ion Ratio Lower Upper
107 100
108 82.4 67.9 107.9
77 32.3 15.4 55.4
79 22.5 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-3

Tot Ion:136 Resp: 219121

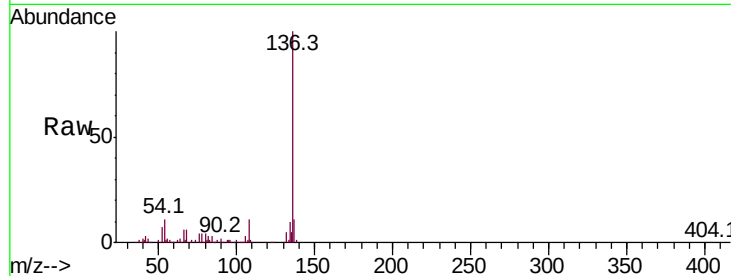
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.3 9.4 14.2

68 6.0 4.2 6.4

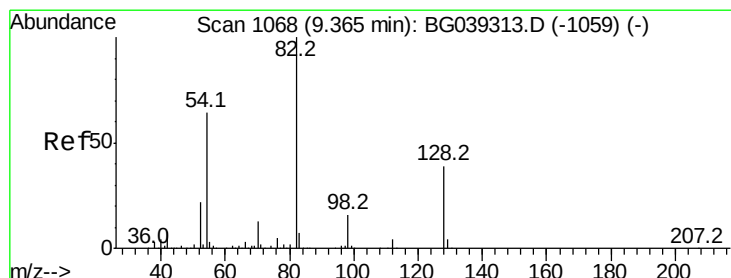
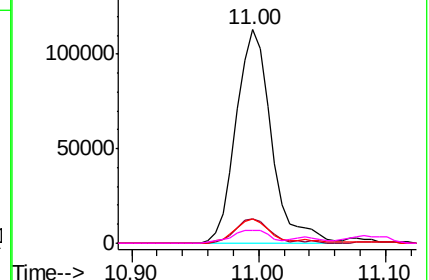
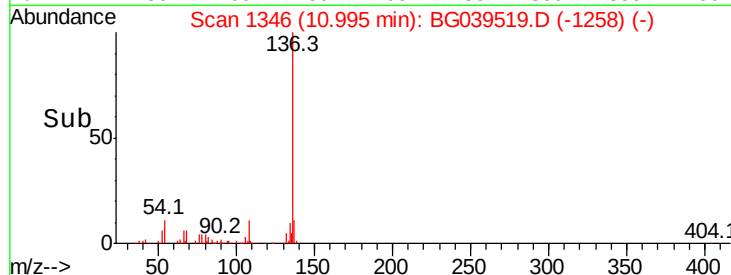


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 108.907 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

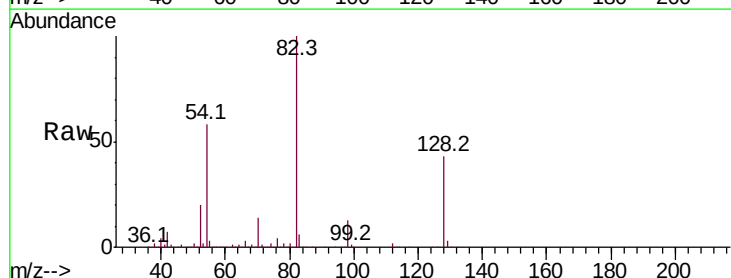
Tgt Ion: 82 Resp: 381993

Ion Ratio Lower Upper

82 100

128 43.1 31.3 46.9

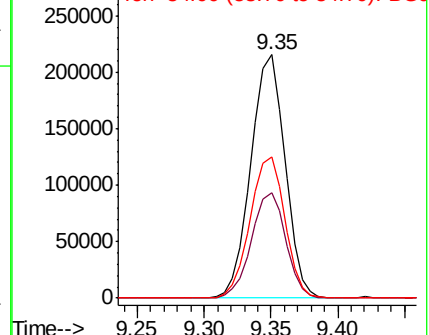
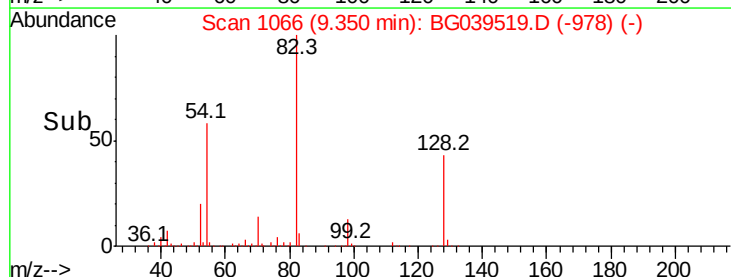
54 58.2 50.9 76.3

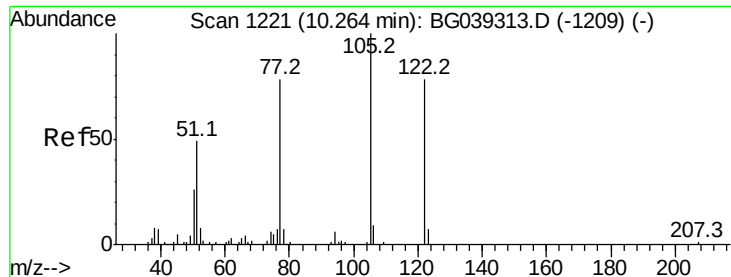


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

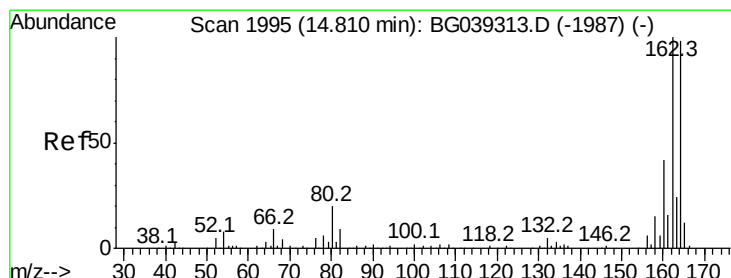
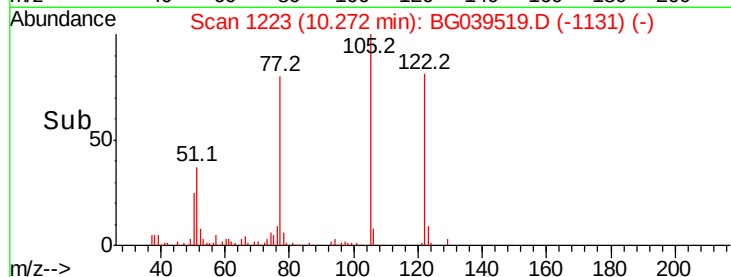
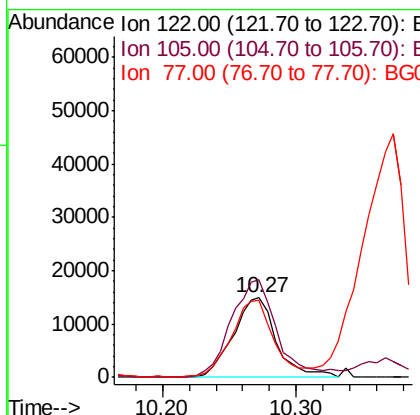
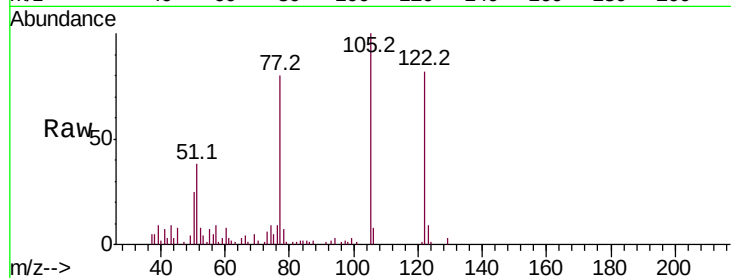




#32
Benzoic acid
Concen: 22.107 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

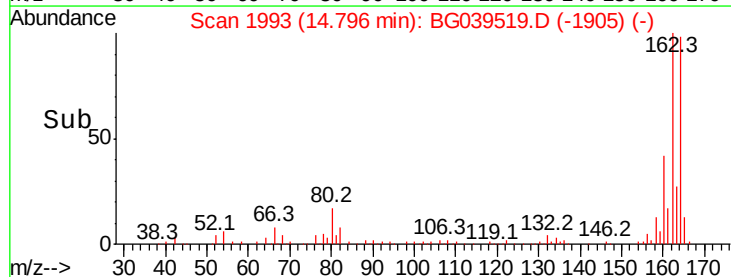
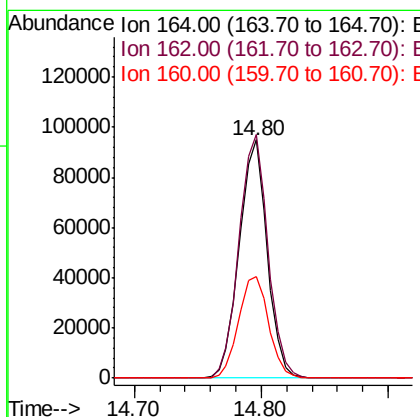
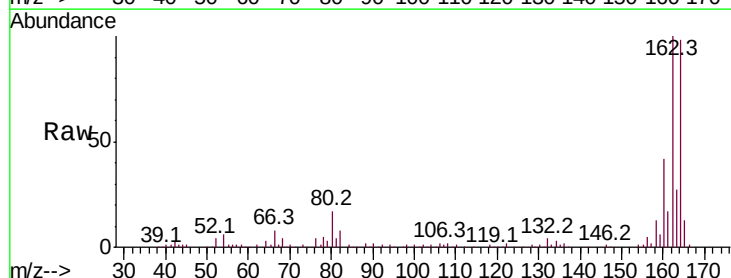
Instrument :
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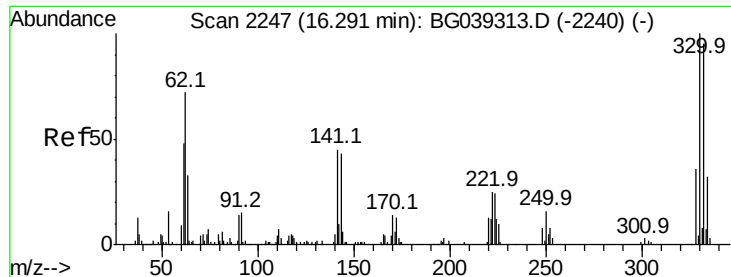
Tot Ion:122 Resp: 33179
Ion Ratio Lower Upper
122 100
105 122.5 101.8 141.8
77 97.8 76.3 116.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:164 Resp: 144282
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 42.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 142.131 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-3

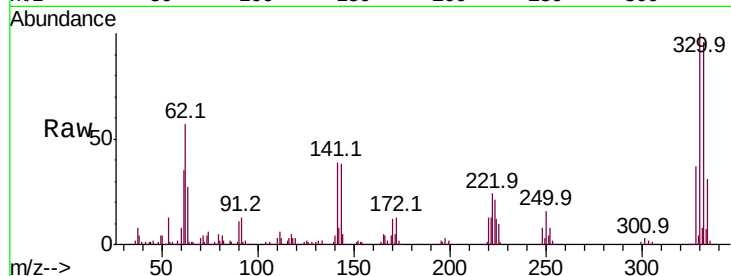
Tot Ion:330 Resp: 220825

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

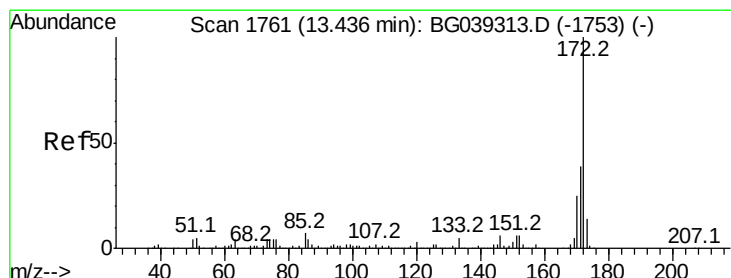
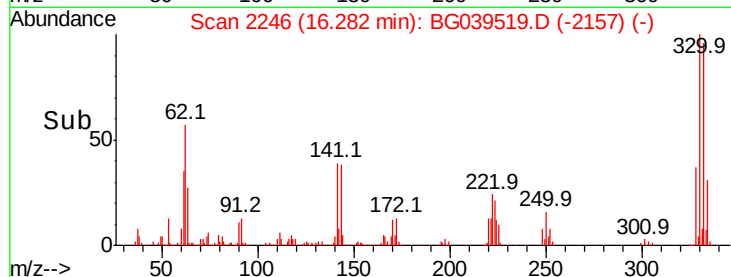
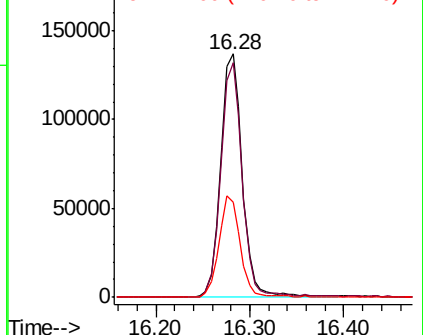
141 40.6 35.6 53.4



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: 92.321 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

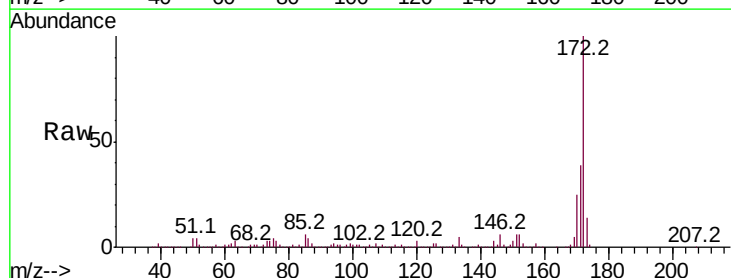
Tgt Ion:172 Resp: 928531

Ion Ratio Lower Upper

172 100

171 39.4 30.8 46.2

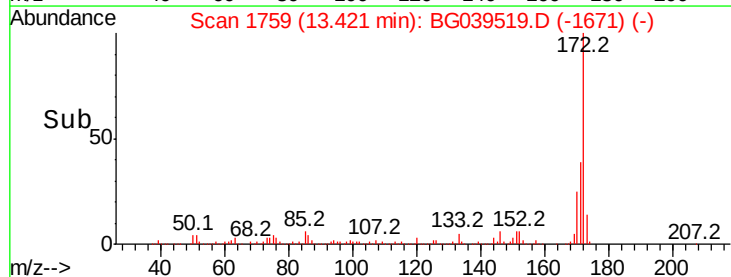
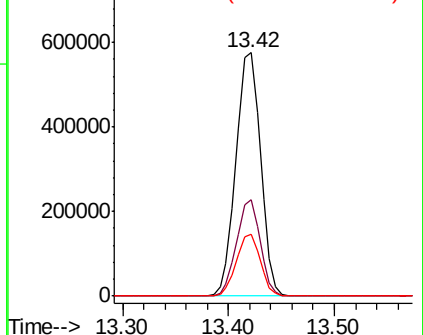
170 25.5 20.2 30.4

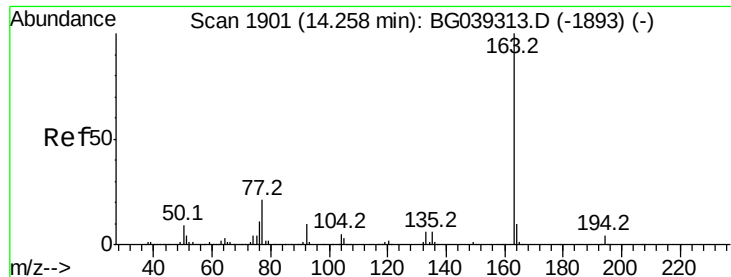


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

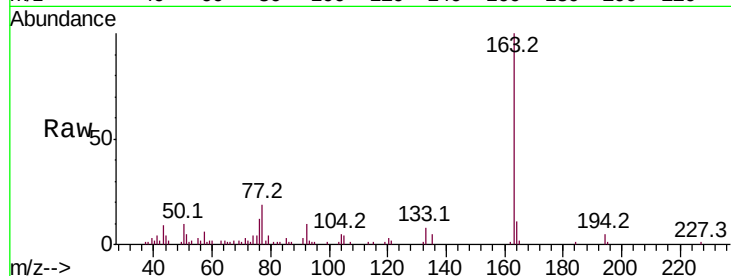




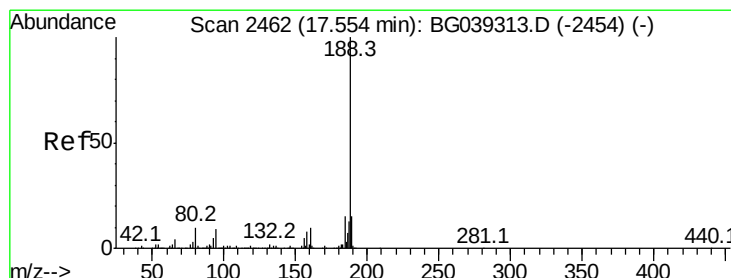
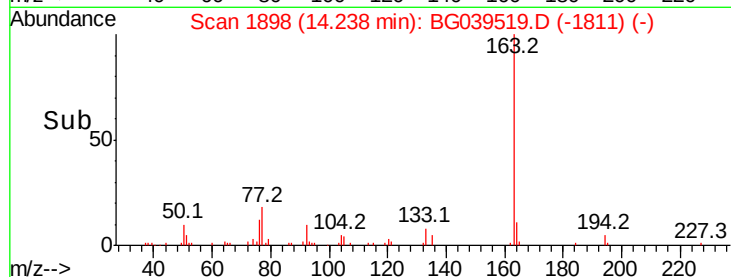
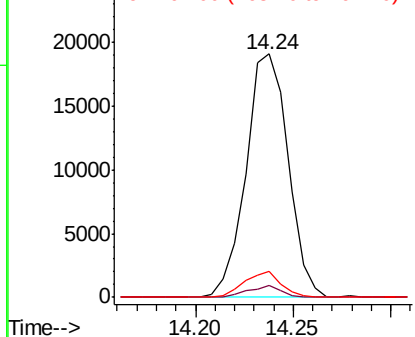
#50
Dimethylphthalate
Concen: 2.442 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-3

Tot Ion:163 Resp: 28460
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 10.9 8.4 12.6

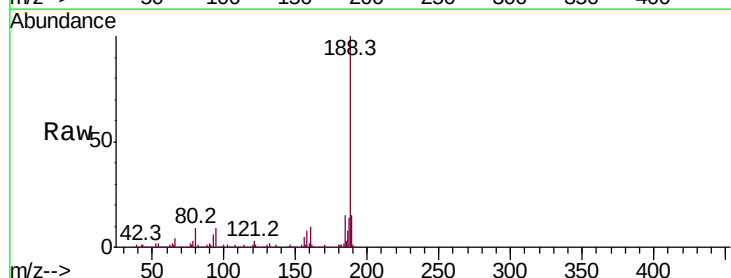


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

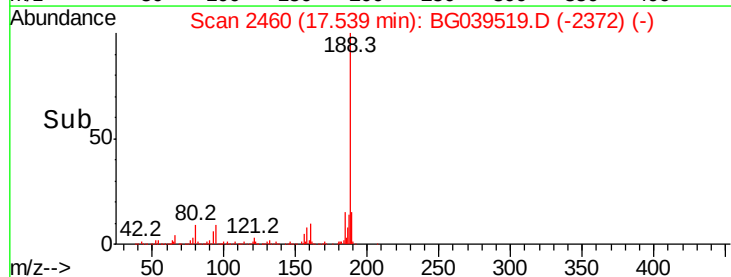
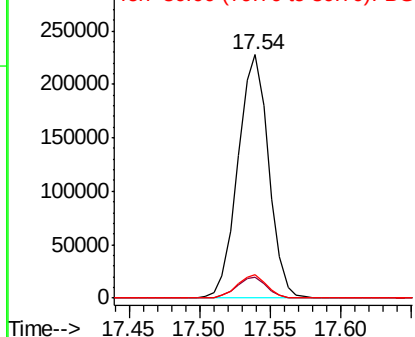


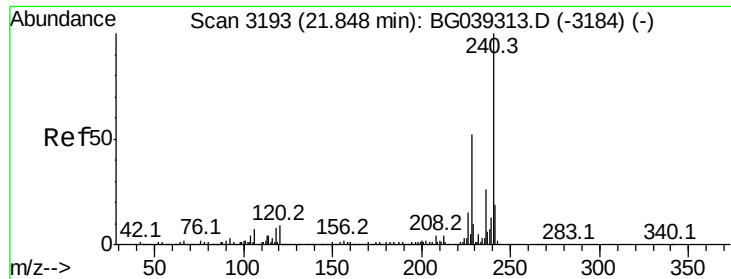
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:188 Resp: 346349
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.4 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

Instrument :

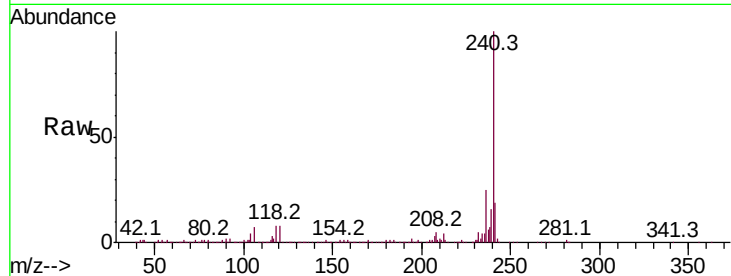
BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-3

Tot Ion:240 Resp: 373207

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.4	21.0	31.4

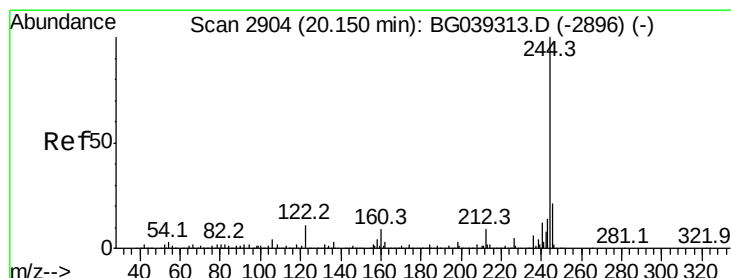
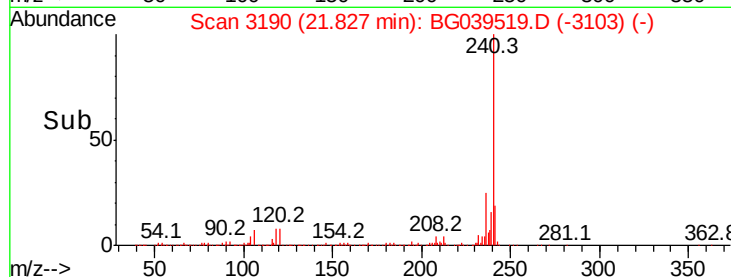
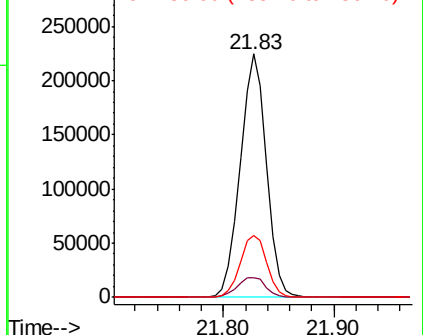


Abundance

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: 84.689 ng

RT: 20.13 min Scan# 2901

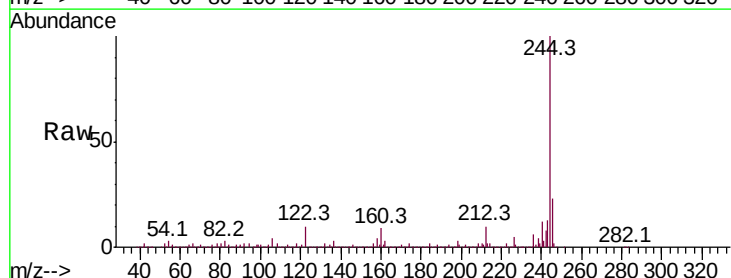
Delta R.T. -0.02 min

Lab File: BG039519.D

Acq: 14 Feb 2019 23:15

Tgt Ion:244 Resp: 1493211

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.0	8.4	12.6

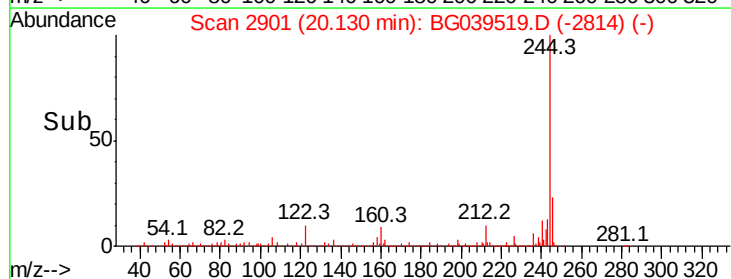
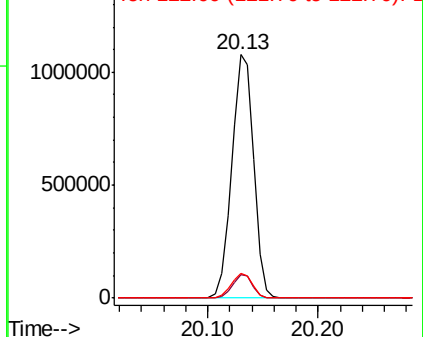


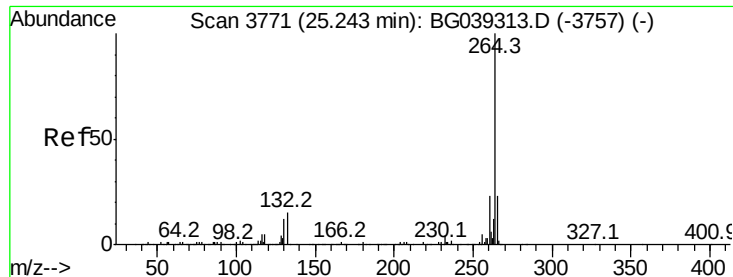
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039519.D
 Acq: 14 Feb 2019 23:15

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPERATOR-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.1	18.5	27.7

