

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041303.D
 Acq On : 18 Jun 2019 18:44
 Operator : HP/JU
 Sample : K3370-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPERATOR(OWS)-1

Quant Time: Jun 19 06:29:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

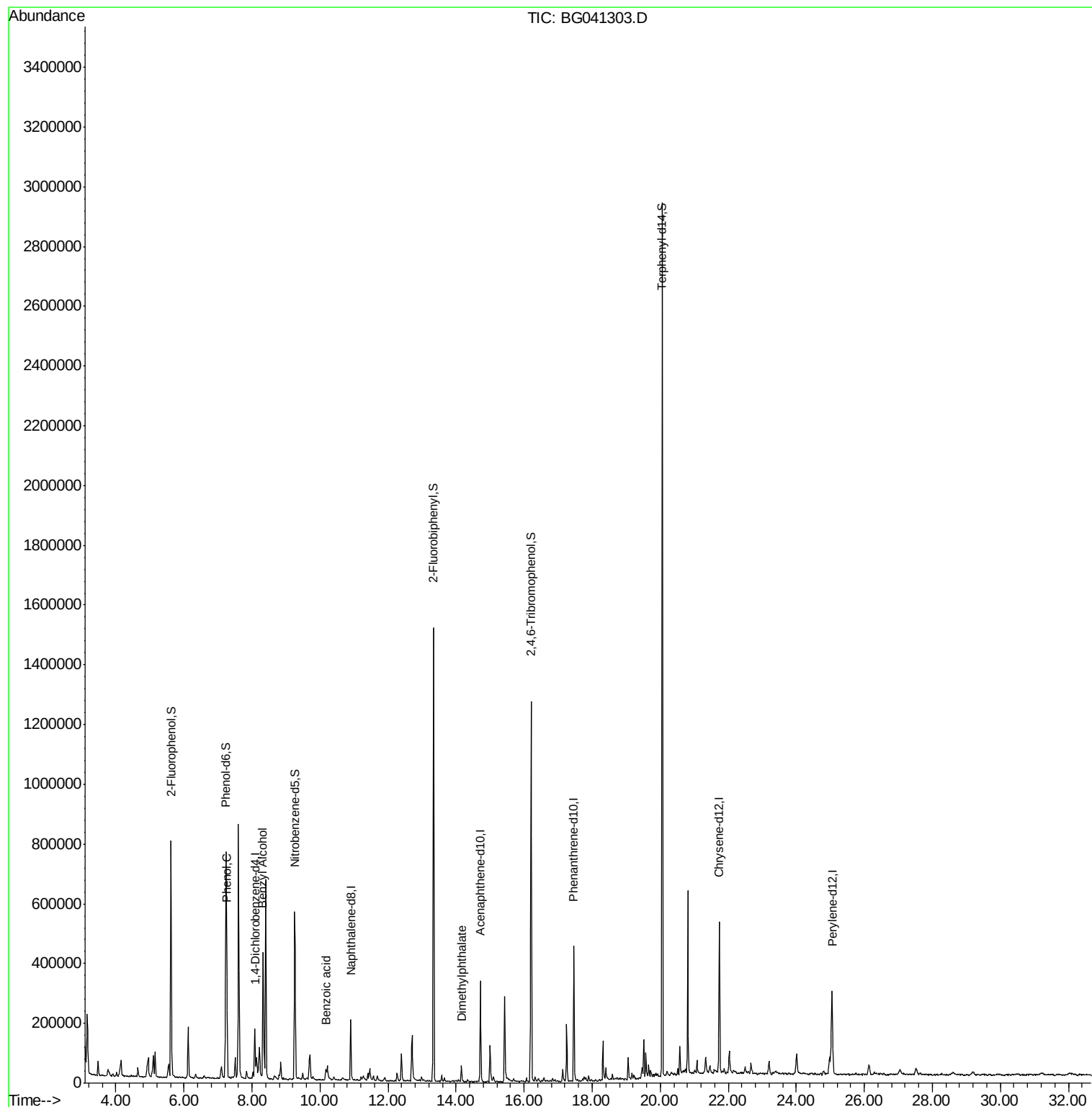
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42899	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	161712	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	114875	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	282123	20.00	ng	0.00
76) Chrysene-d12	21.74	240	303588	20.00	ng	0.00
87) Perylene-d12	25.05	264	315429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295651	126.63	ng	0.00
7) Phenol-d6	7.24	99	385432	113.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	342497	89.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	233323	132.30	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	751594	88.93	ng	0.00
79) Terphenyl-d14	20.06	244	1327221	86.64	ng	0.00
Target Compounds						
10) Phenol	7.26	94	152343	41.861	ng	99
15) Benzyl Alcohol	8.32	79	156259	48.191	ng	99
32) Benzoic acid	10.17	122	14591	9.538	ng	# 83
50) Dimethylphthalate	14.16	163	33890	3.316	ng	99

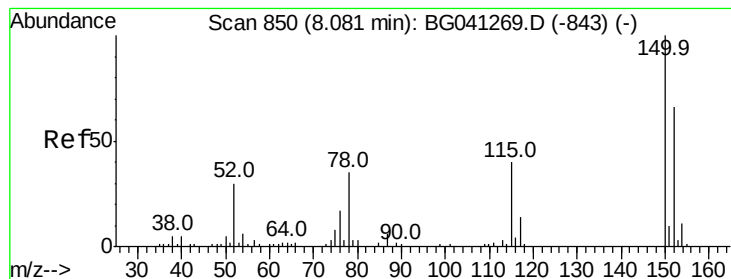
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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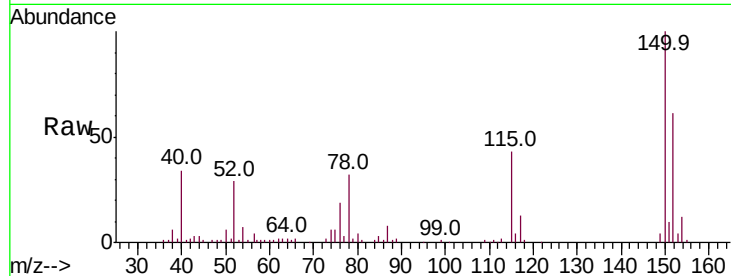


#1

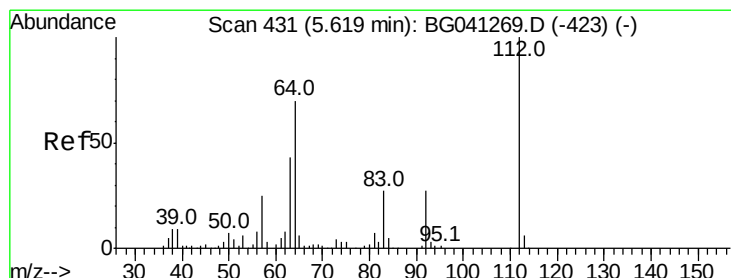
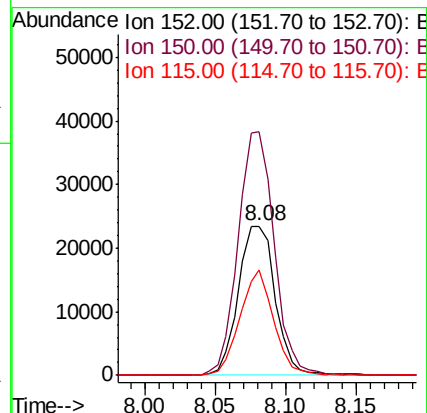
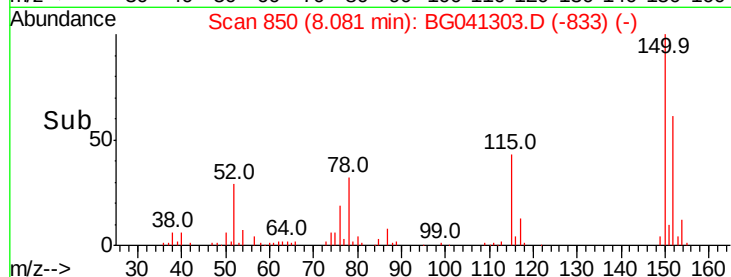
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-1

Tot Ion:152 Resp: 42899
Ion Ratio Lower Upper
152 100
150 163.5 120.6 181.0
115 70.6 47.9 71.9



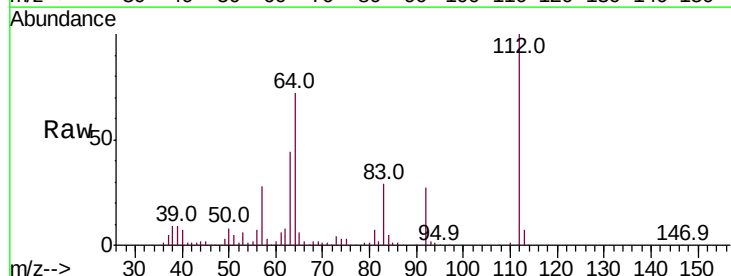
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



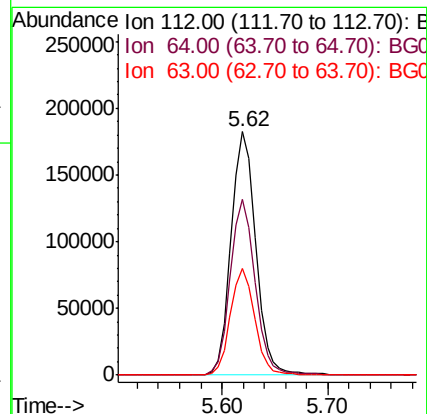
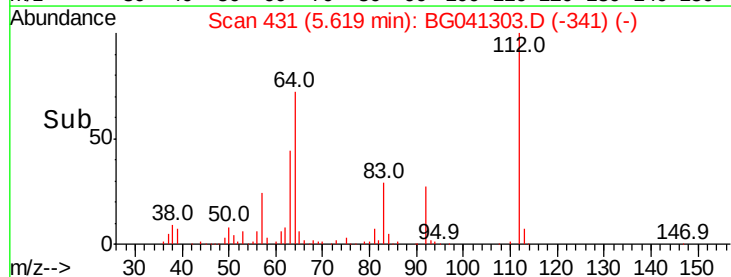
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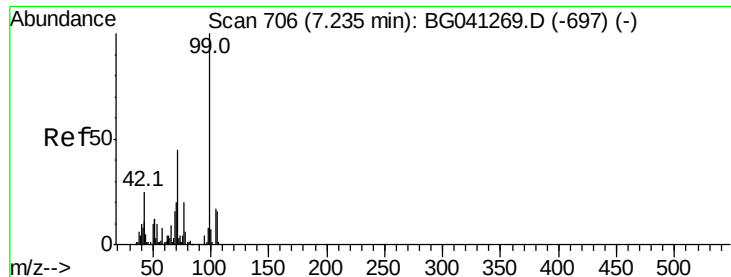
2-Fluorophenol
Concen: 126.631 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion:112 Resp: 295651
Ion Ratio Lower Upper
112 100
64 72.1 55.9 83.9
63 43.7 34.6 51.8



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: 113.890 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-1

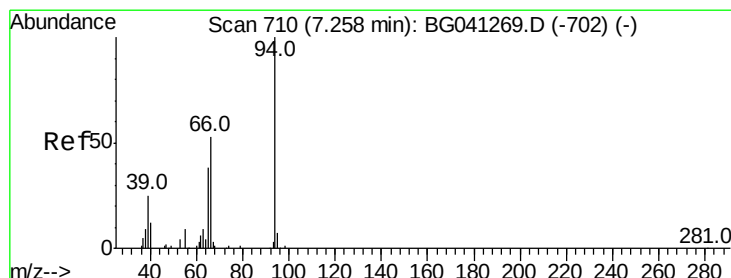
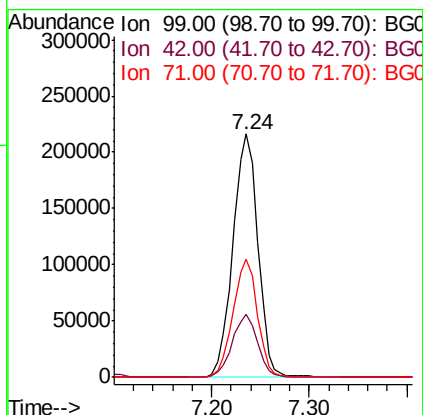
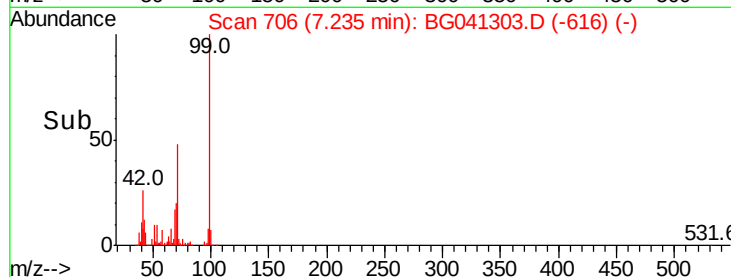
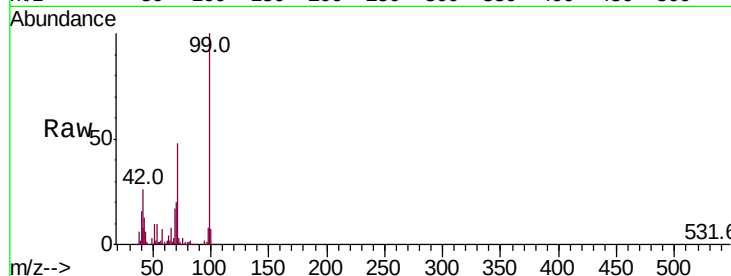
Tot Ion: 99 Resp: 385432

Ion Ratio Lower Upper

99 100

42 25.9 19.9 29.9

71 48.4 36.4 54.6



#10

Phenol

Concen: 41.861 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

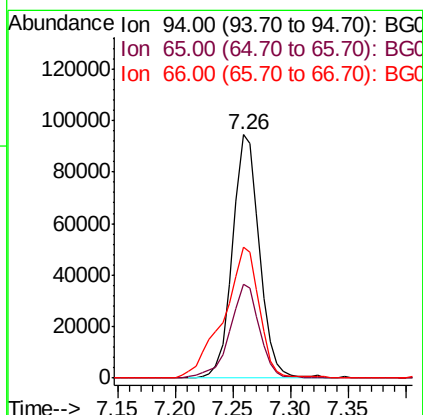
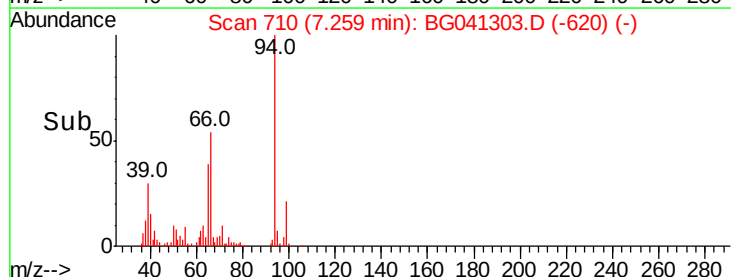
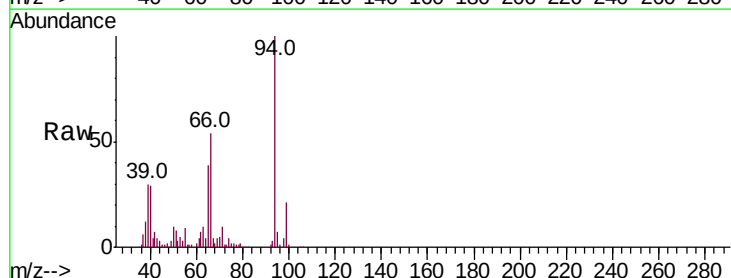
Tgt Ion: 94 Resp: 152343

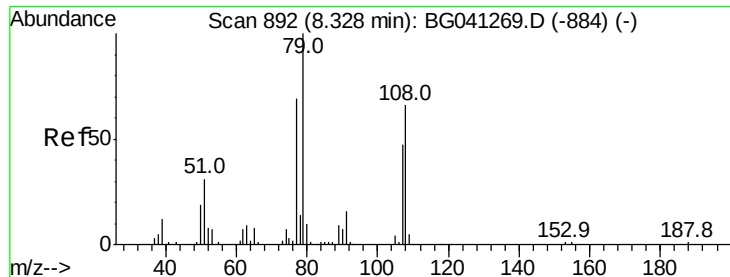
Ion Ratio Lower Upper

94 100

65 38.6 18.7 58.7

66 53.9 35.5 75.5





#15

Benzyl Alcohol

Concen: 48.191 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-1

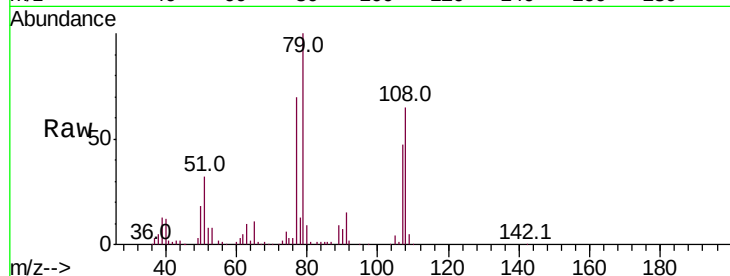
Tot Ion: 79 Resp: 156259

Ion Ratio Lower Upper

79 100

108 65.3 52.7 79.1

77 69.8 55.2 82.8

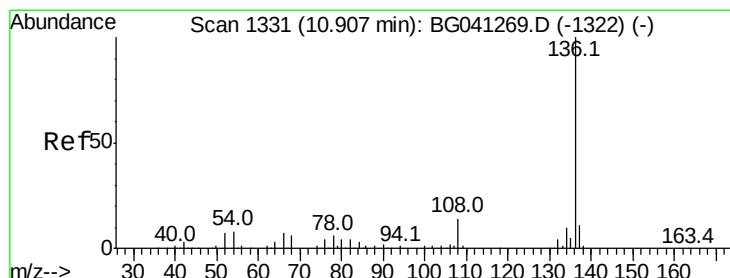
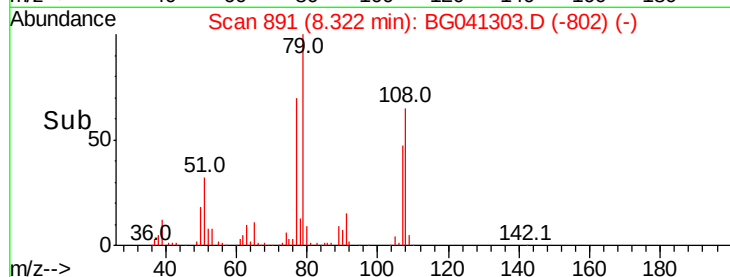
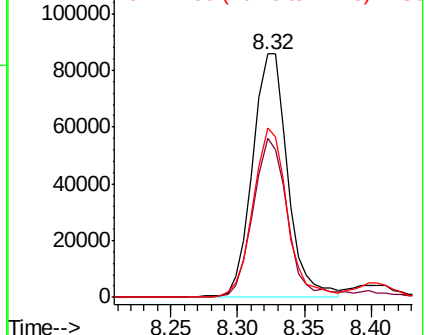


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Tgt Ion: 136 Resp: 161712

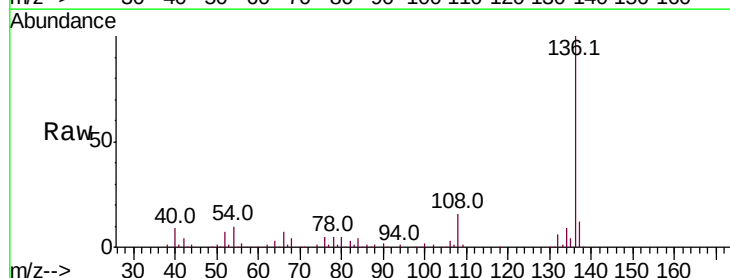
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 9.8 6.4 9.6#

68 4.3 4.8 7.2#



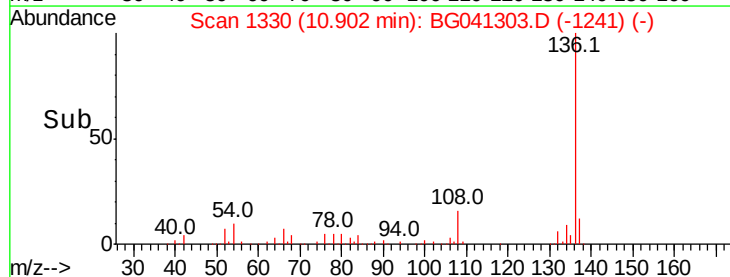
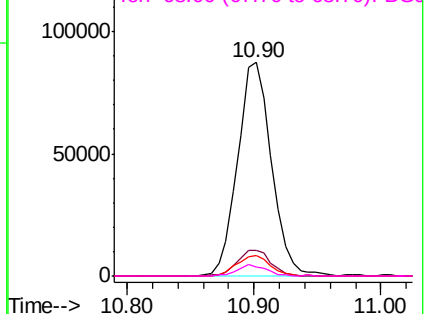
Abundance

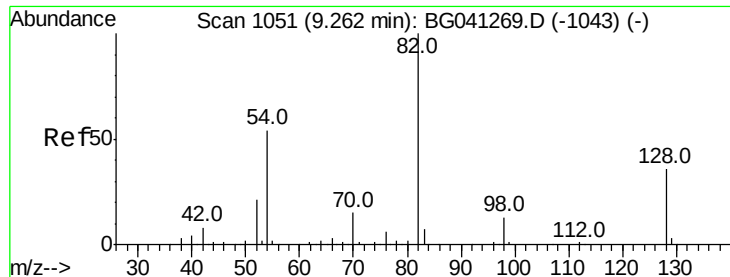
Ion 136.00 (135.70 to 136.70): BGC

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

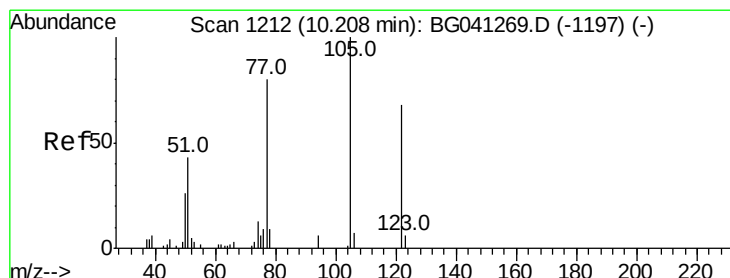
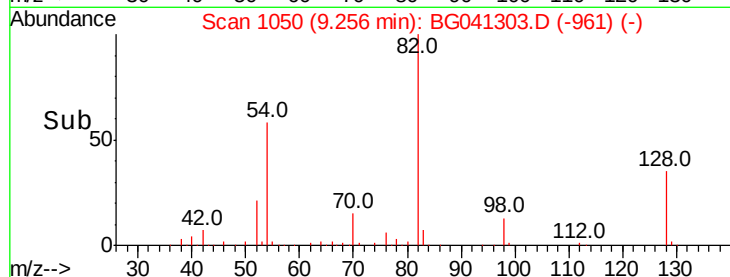
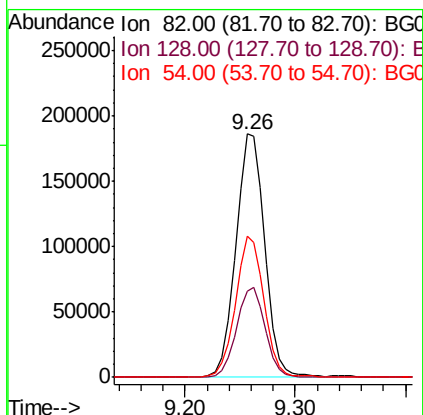
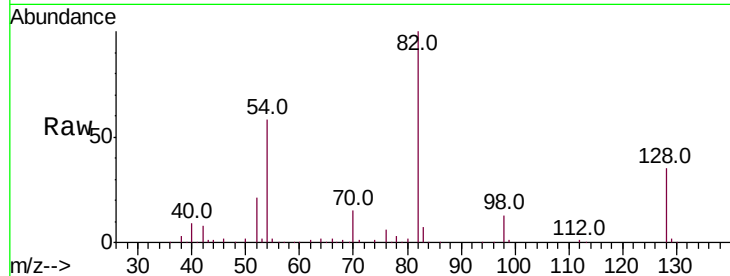




#23
 Nitrobenzene-d5
 Concen: 89.073 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

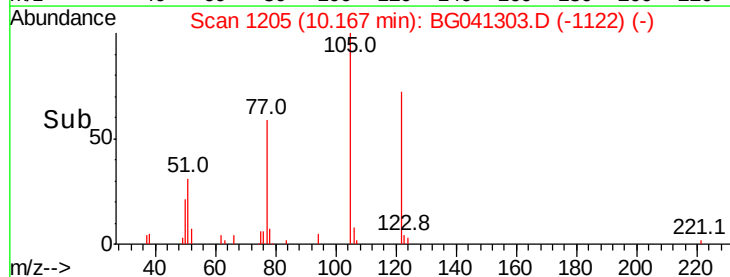
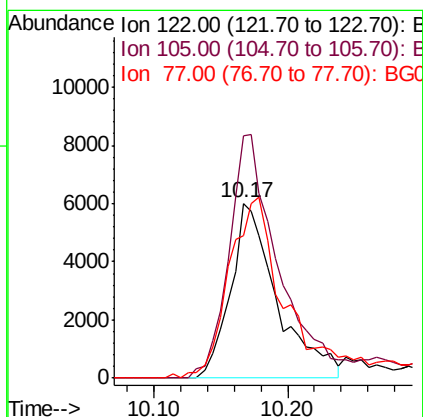
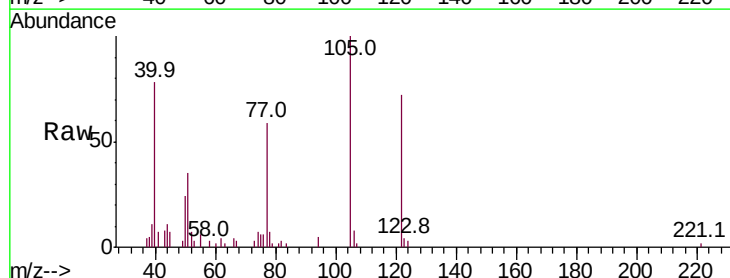
Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR(OWS)-1

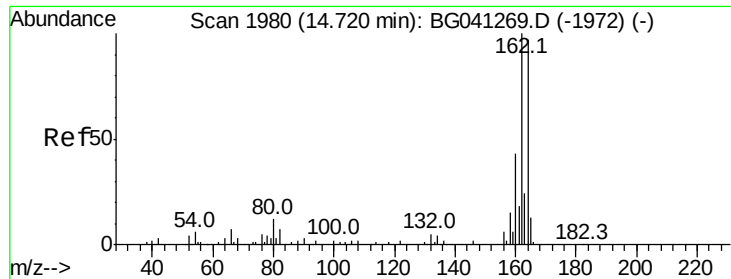
Tot Ion: 82 Resp: 342497
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.2 43.8
 54 58.0 43.4 65.0



#32
 Benzoic acid
 Concen: 9.538 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.04 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Tgt Ion: 122 Resp: 14591
 Ion Ratio Lower Upper
 122 100
 105 138.5 124.2 164.2
 77 81.4 97.2 137.2#

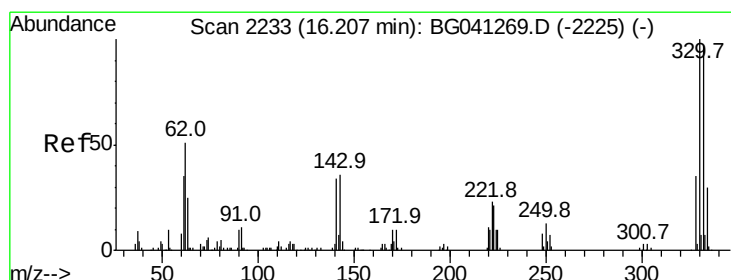
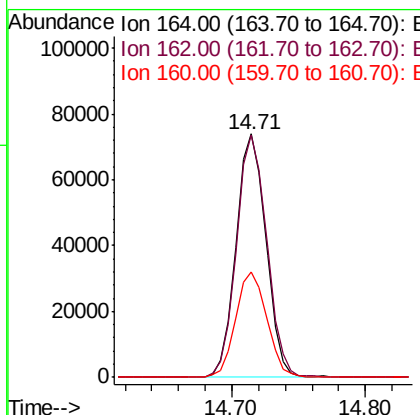
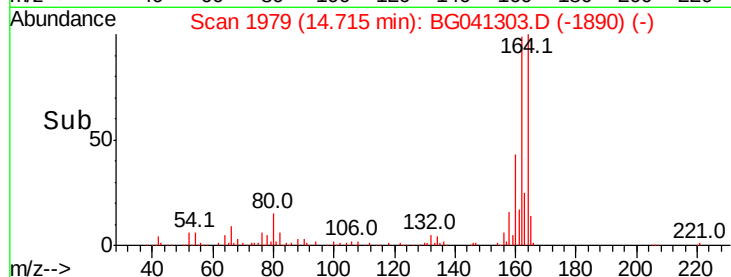
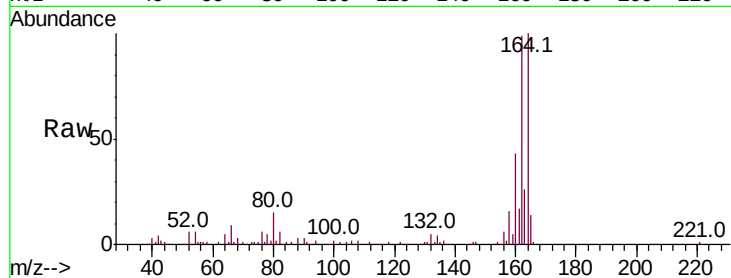




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

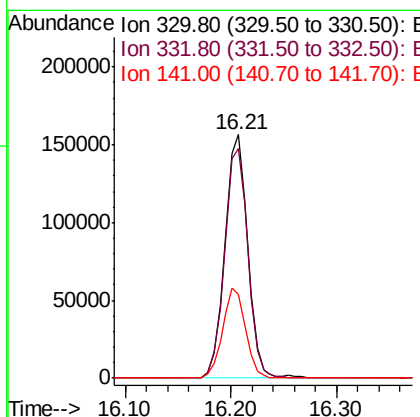
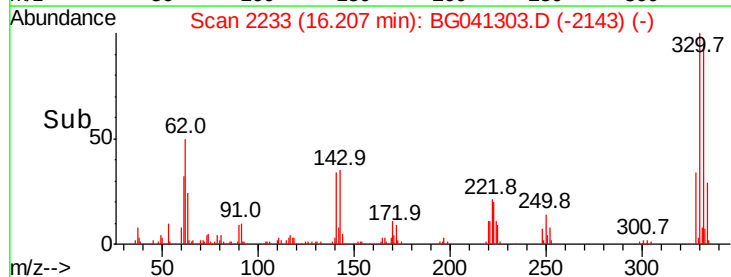
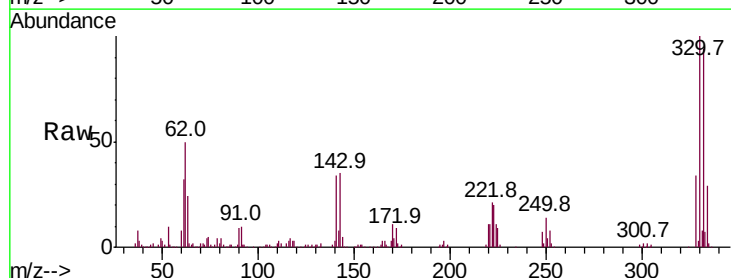
Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR(OWS)-1

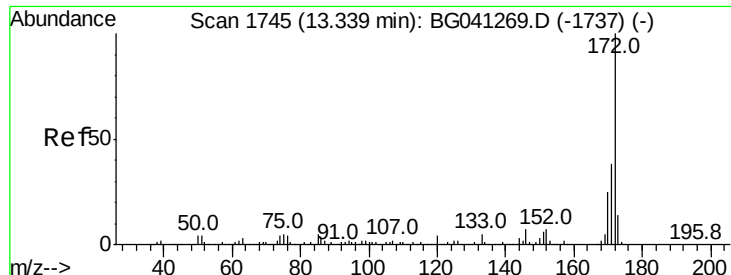
Tot Ion:164 Resp: 114875
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.8 124.2
 160 43.1 35.8 53.8



#42
 2,4,6-Tribromophenol
 Concen: 132.300 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Tgt Ion:330 Resp: 233323
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.5 113.3
 141 37.1 29.0 43.4

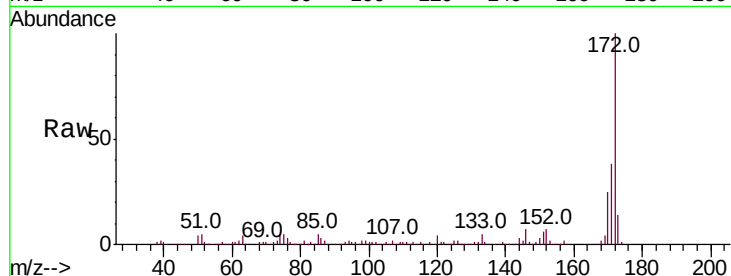




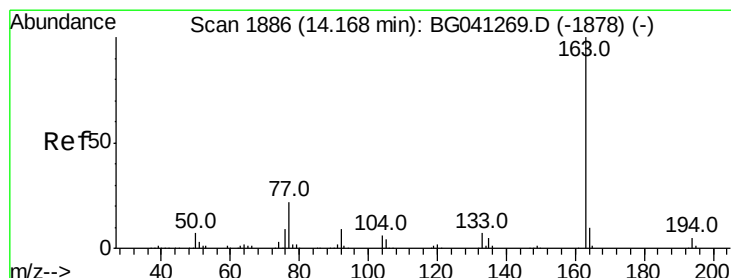
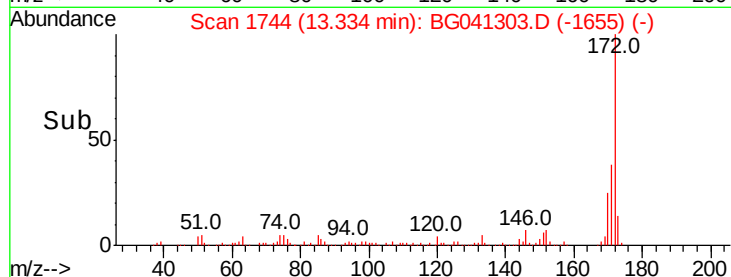
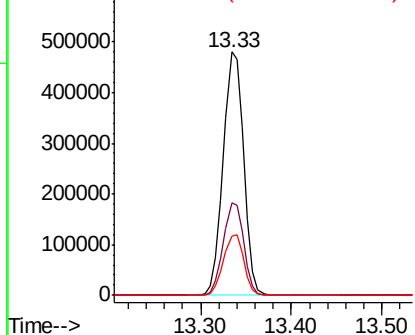
#45
2-Fluorobiphenyl
Concen: 88.926 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-1

Tot Ion:172 Resp: 751594
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.6 19.8 29.6

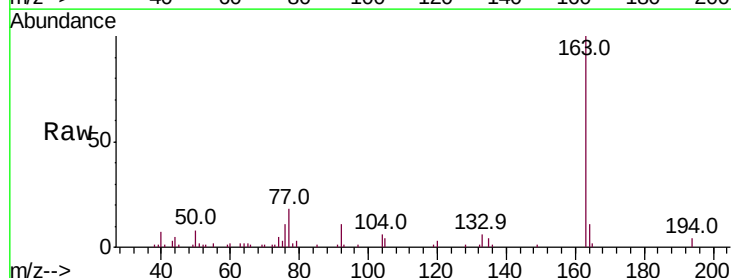


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

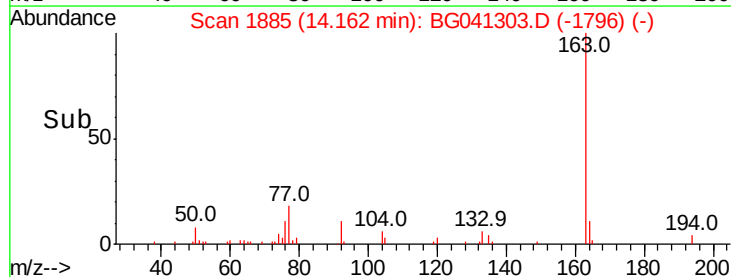
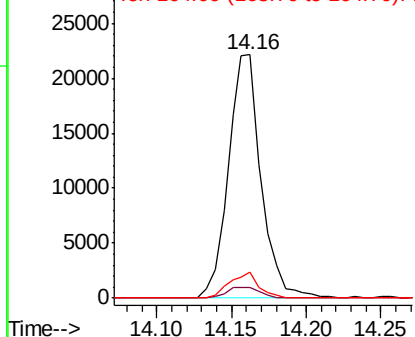


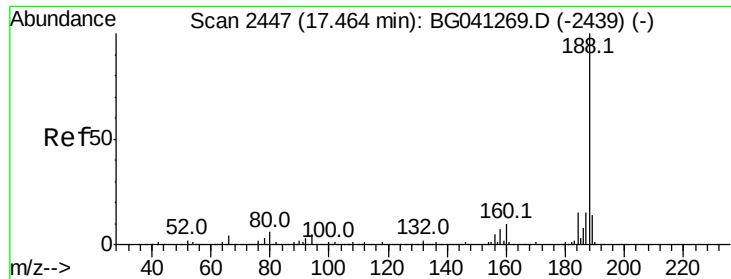
#50
Dimethylphthalate
Concen: 3.316 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion:163 Resp: 33890
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.8 8.3 12.5



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

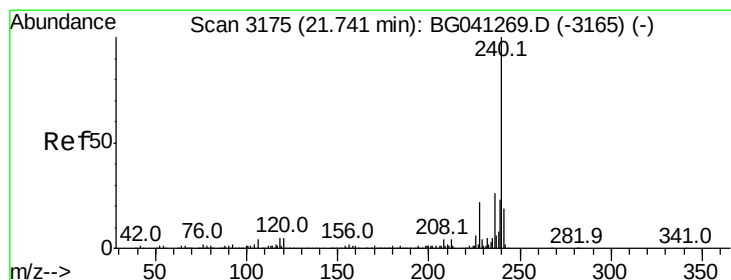
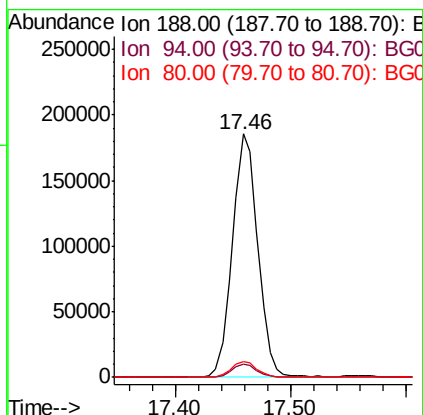
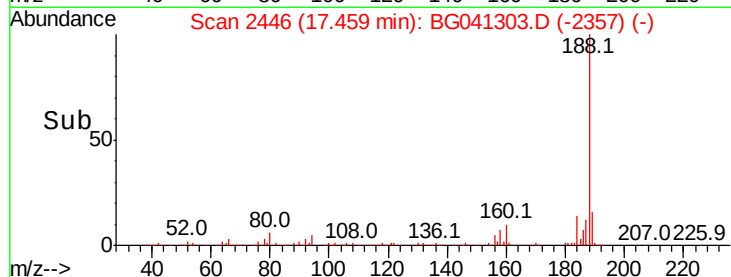
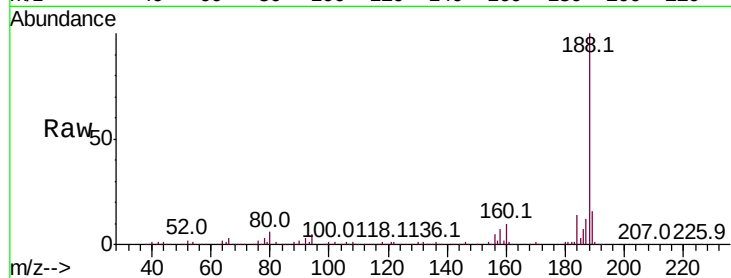




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

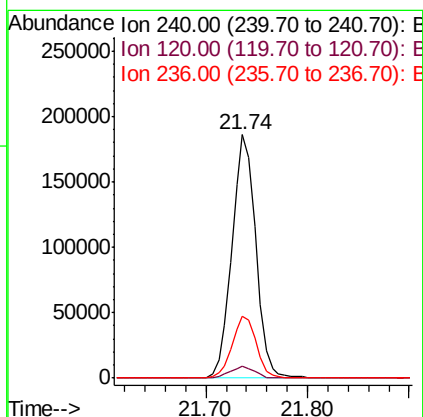
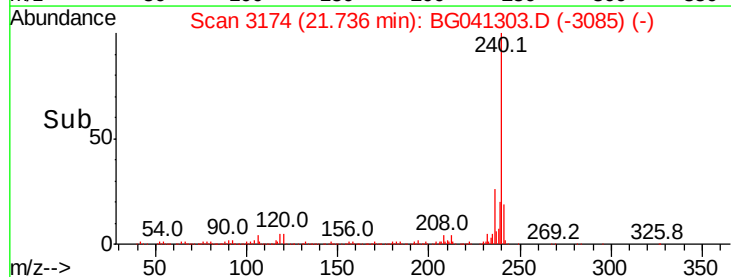
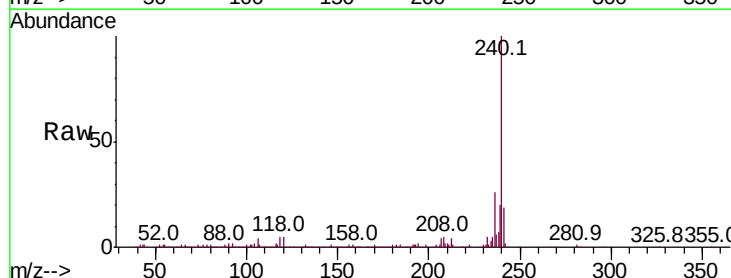
Instrument :
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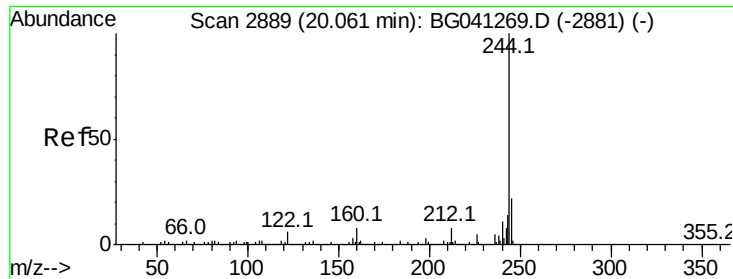
Tot Ion:188 Resp: 282123
Ion Ratio Lower Upper
188 100
94 5.5 3.6 5.4#
80 6.4 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion:240 Resp: 303588
Ion Ratio Lower Upper
240 100
120 4.9 3.7 5.5
236 25.5 21.1 31.7

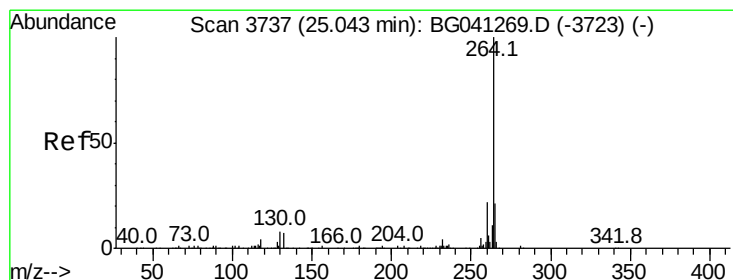
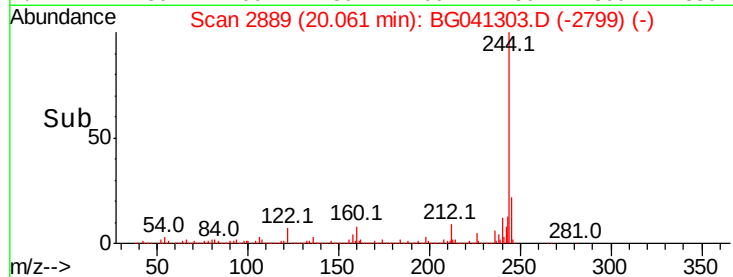
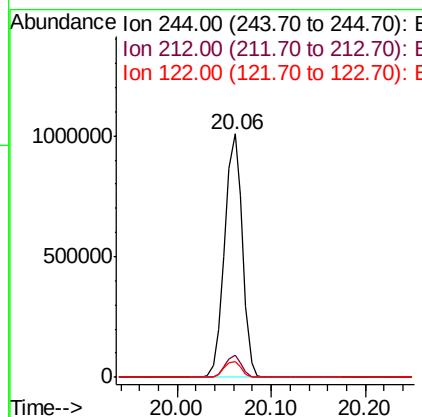
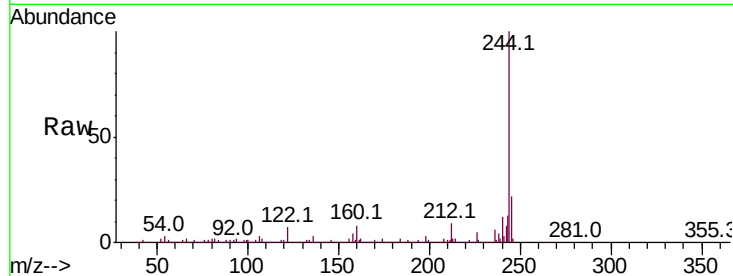




#79
 Terphenyl-d14
 Concen: 86.640 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR(OWS)-1

Tot Ion:244 Resp: 1327221
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 6.7 5.0 7.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3738
 Delta R.T. 0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Tgt Ion:264 Resp: 315429
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.2
 265 21.9 17.2 25.8

