

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036604.D
 Acq On : 7 Sep 2018 19:37
 Operator : JU/SJ
 Sample : J4801-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Quant Time: Sep 08 01:28:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

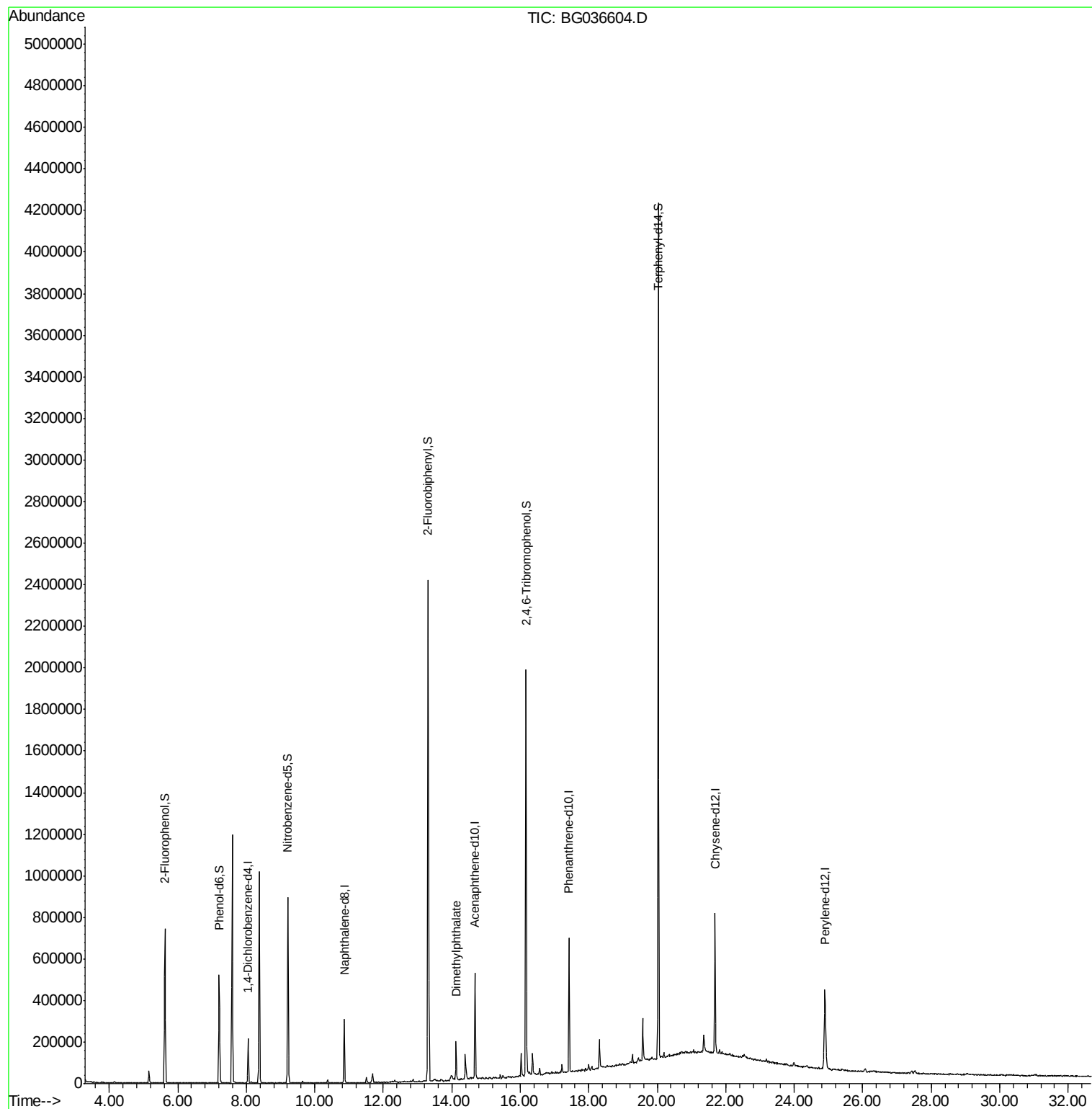
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61744	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	260181	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	166055	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	417579	20.00	ng	0.00
75) Chrysene-d12	21.69	240	428502	20.00	ng	0.00
86) Perylene-d12	24.89	264	446474	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	319904	82.19	ng	0.00
7) Phenol-d6	7.21	99	306041	54.92	ng	-0.01
23) Nitrobenzene-d5	9.22	82	543553	113.35	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	368531	185.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1206720	103.76	ng	0.00
78) Terphenyl-d14	20.03	244	1796457	97.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	122319	9.021	ng	Qvalue 99

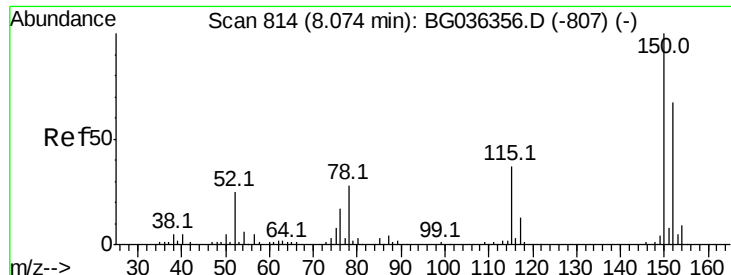
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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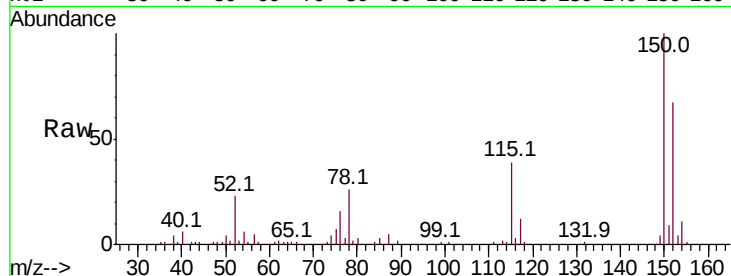


#1

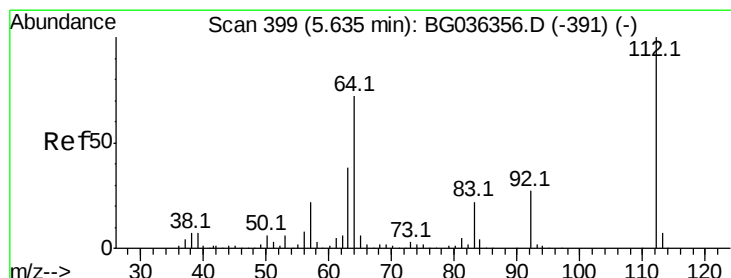
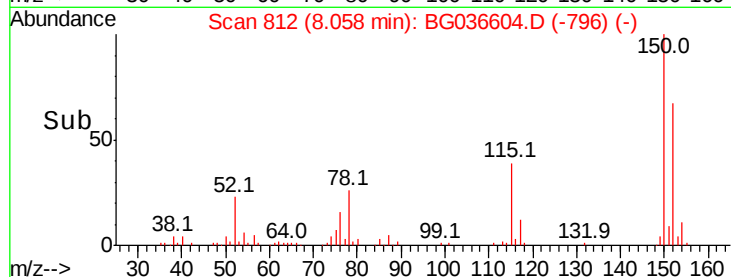
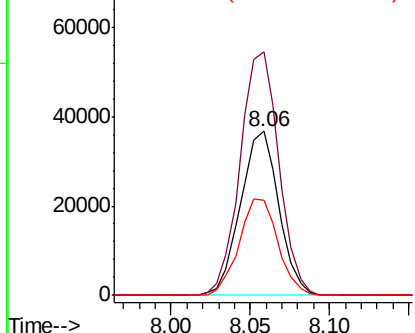
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 61744
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 58.4 44.5 66.7



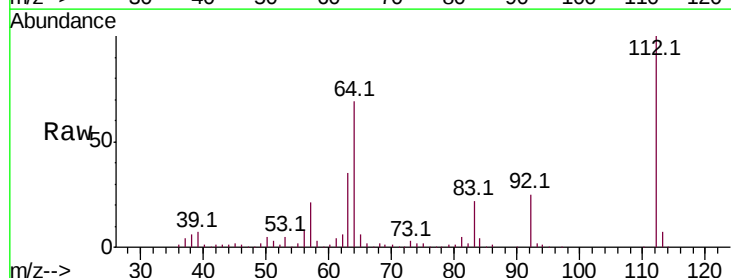
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



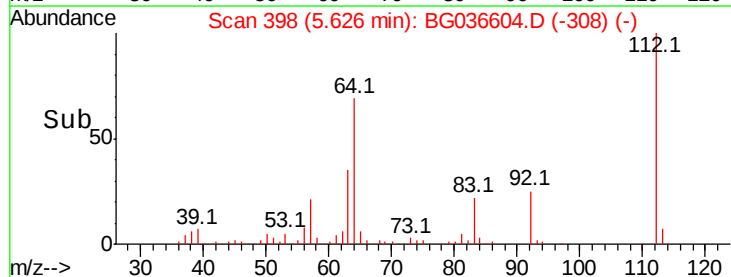
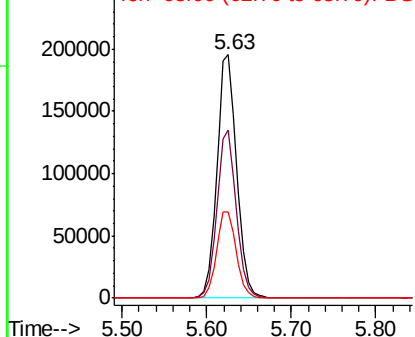
#5

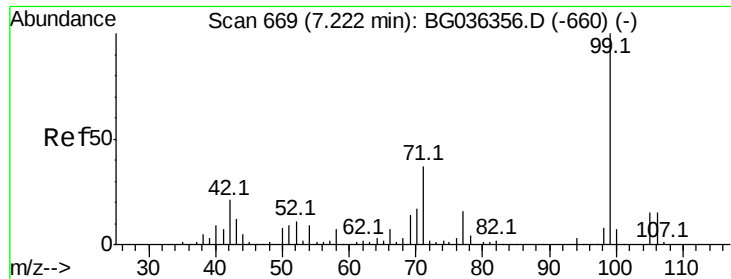
2-Fluorophenol
Concen: 82.188 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Tgt Ion:112 Resp: 319904
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 35.5 30.8 46.2



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: 54.916 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

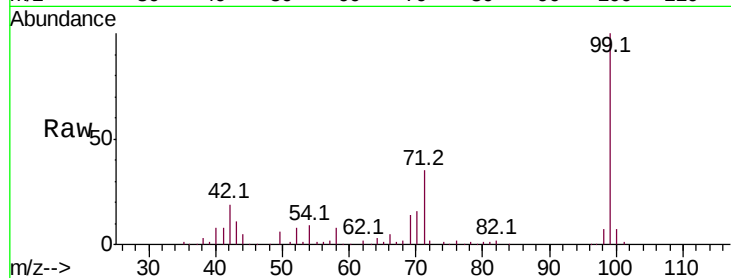
Tot Ion: 99 Resp: 306041

Ion Ratio Lower Upper

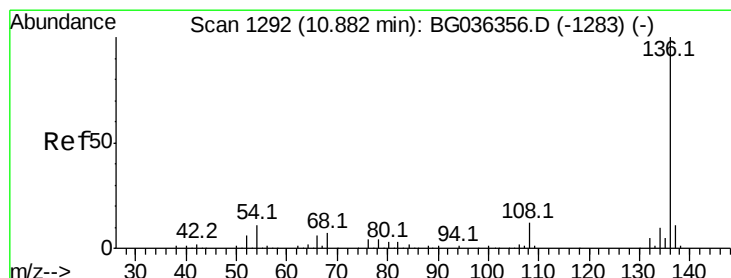
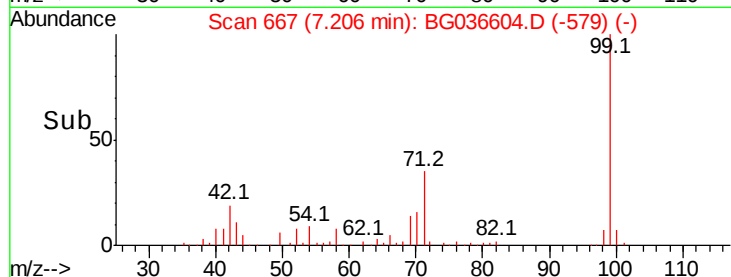
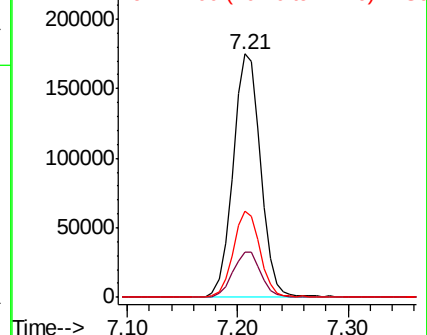
99 100

42 18.7 16.5 24.7

71 35.4 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Tgt Ion: 136 Resp: 260181

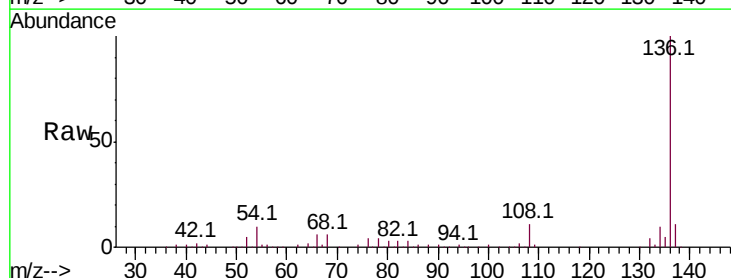
Ion Ratio Lower Upper

136 100

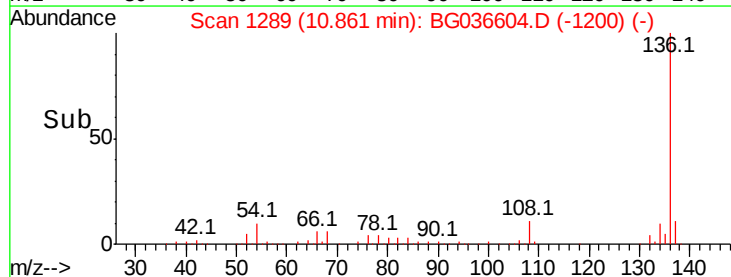
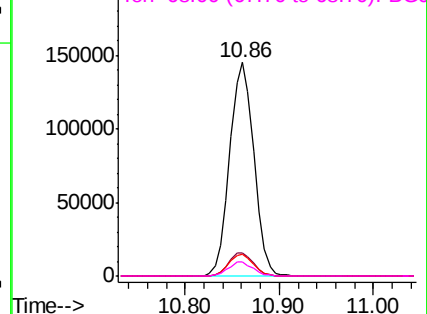
137 10.9 8.8 13.2

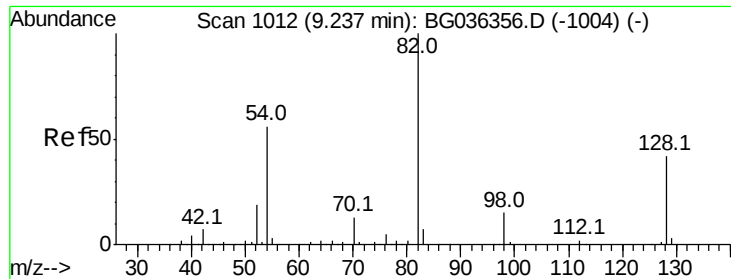
54 9.9 9.2 13.8

68 6.4 5.8 8.6



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

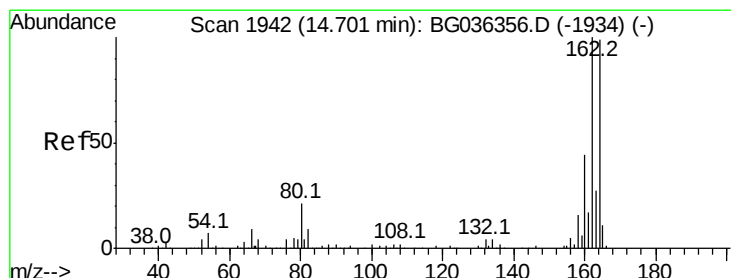
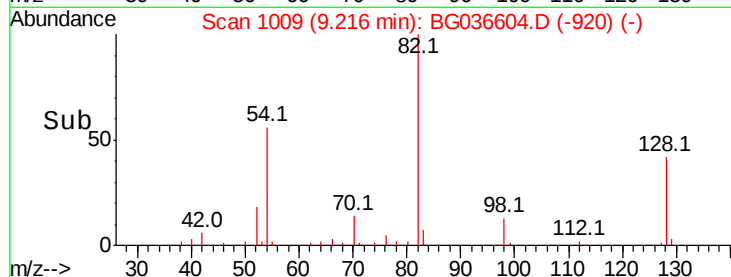
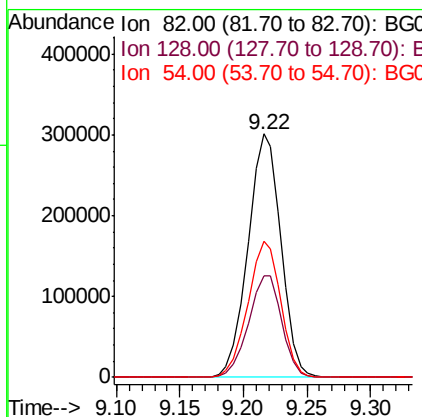
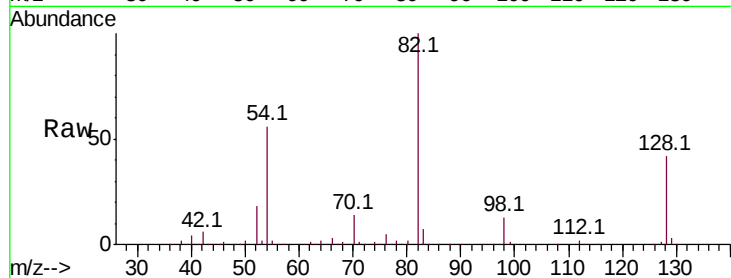




#23
 Nitrobenzene-d5
 Concen: 113.350 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

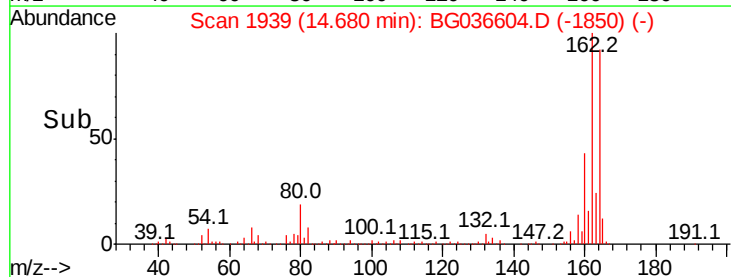
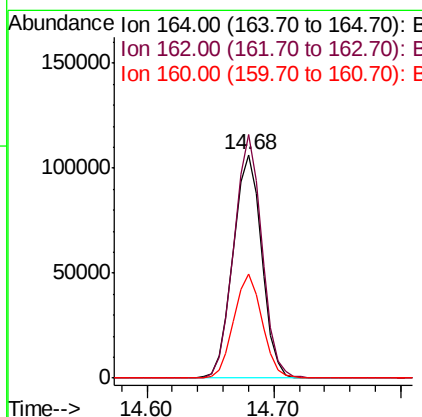
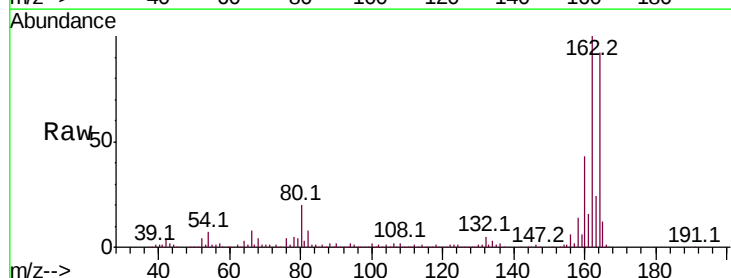
Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

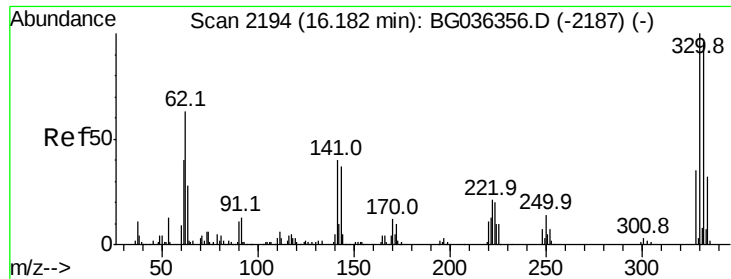
Tot Ion: 82 Resp: 543553
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 55.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Tgt Ion:164 Resp: 166055
 Ion Ratio Lower Upper
 164 100
 162 109.1 80.7 121.1
 160 46.6 35.3 52.9

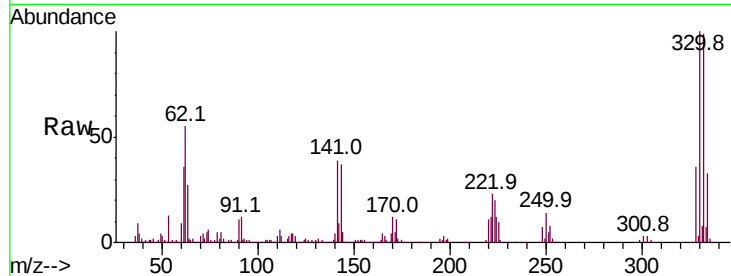




#41
 2,4,6-Tribromophenol
 Concen: 185.995 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	37.0	30.7	46.1

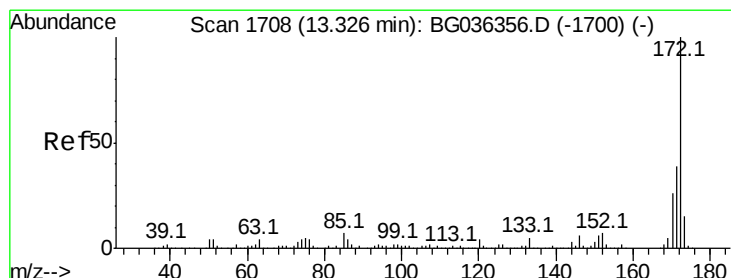
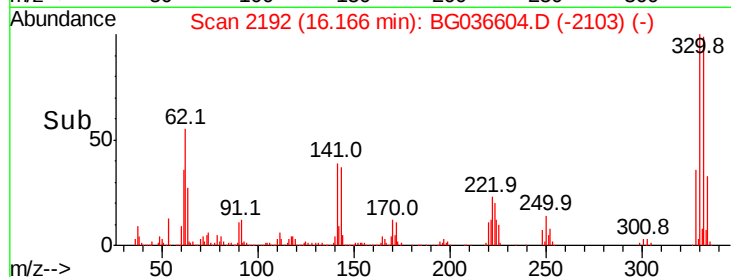
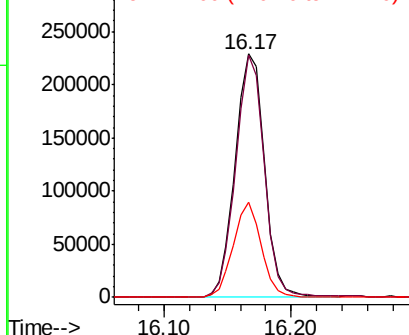


Abundance

Ion 329.80 (329.50 to 330.50): E

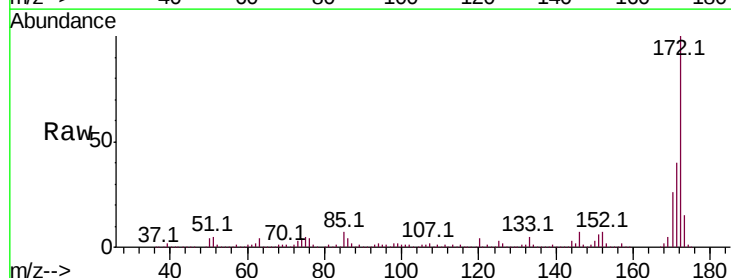
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.759 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036604.D
 Acq: 7 Sep 2018 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.3	46.9
170	26.1	21.0	31.6

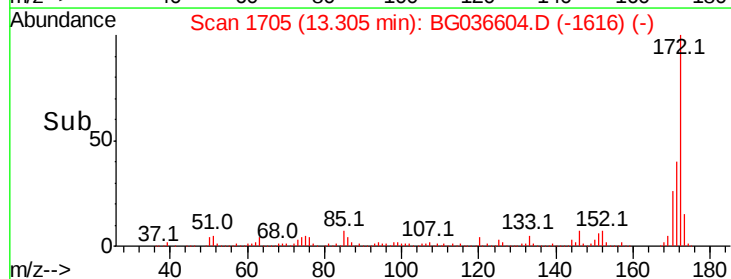
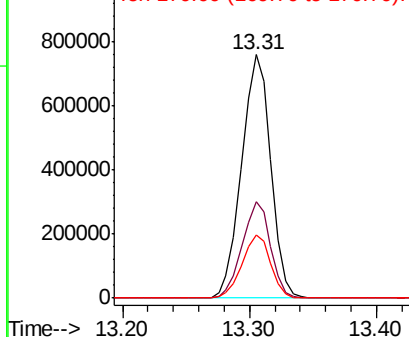


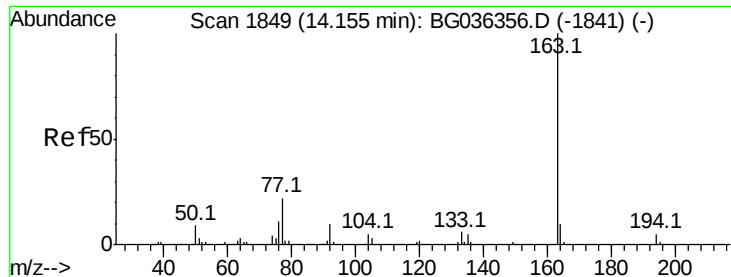
Abundance

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





#49

Dimethylphthalate

Concen: 9.021 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

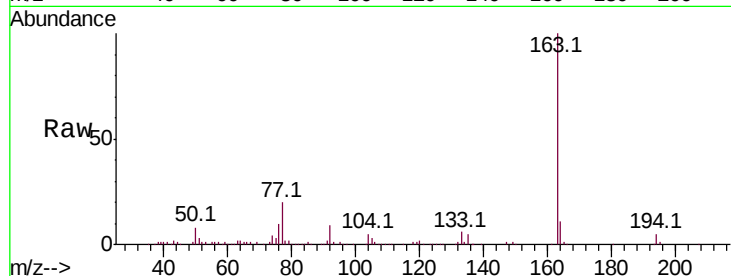
Tot Ion:163 Resp: 122319

Ion Ratio Lower Upper

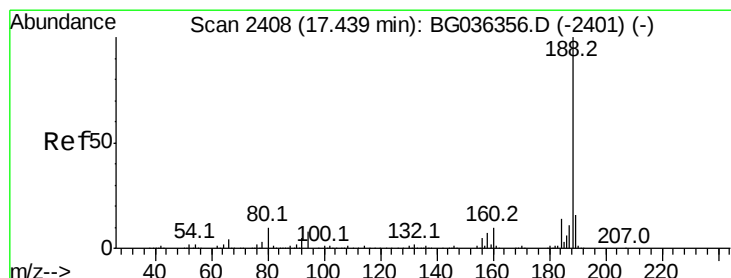
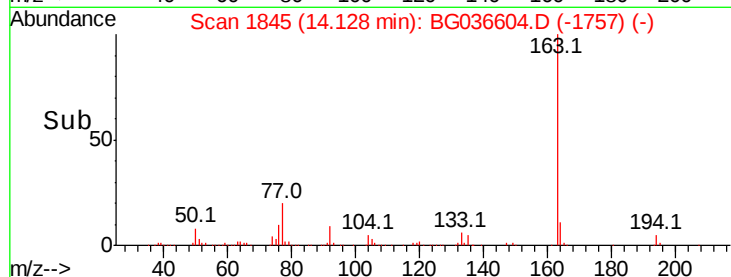
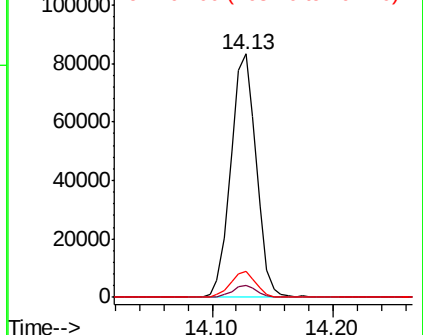
163 100

194 4.9 4.0 6.0

164 10.5 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

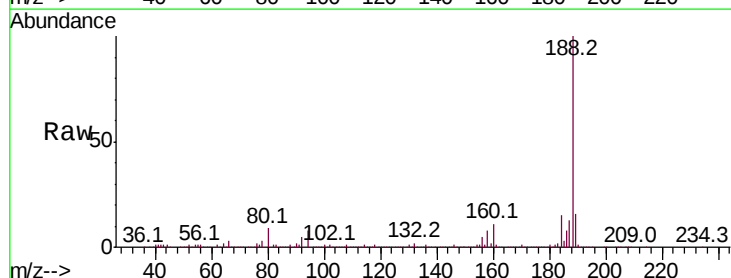
Tgt Ion:188 Resp: 417579

Ion Ratio Lower Upper

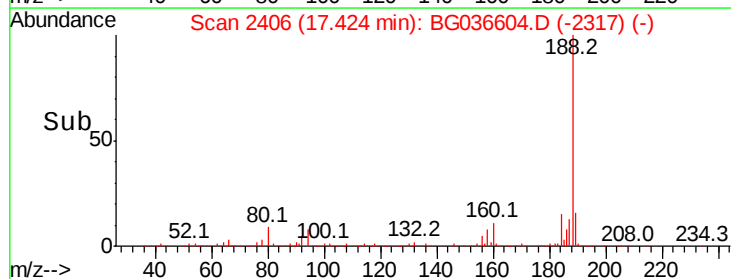
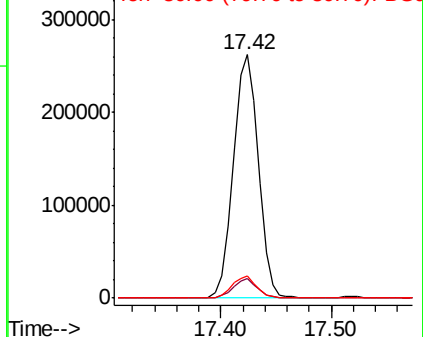
188 100

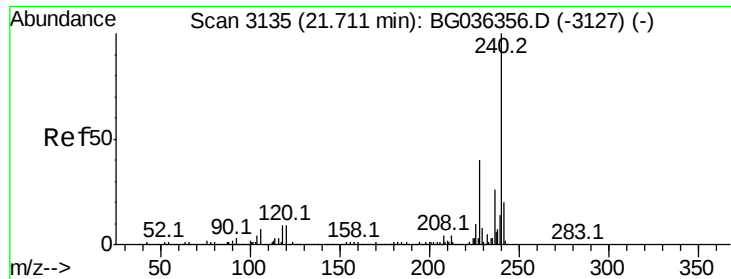
94 8.0 6.7 10.1

80 9.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

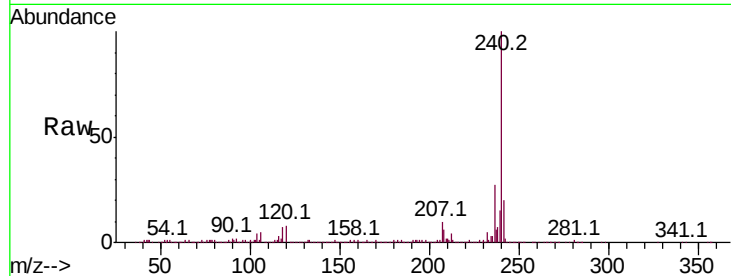
Tot Ion:240 Resp: 428502

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

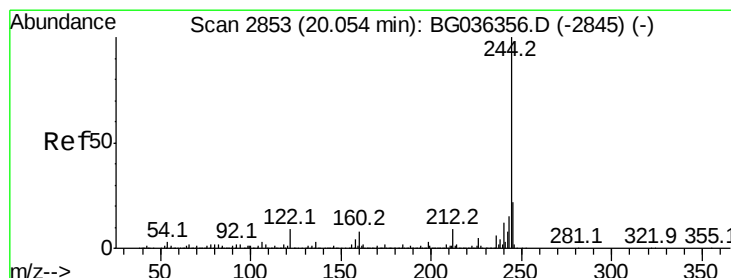
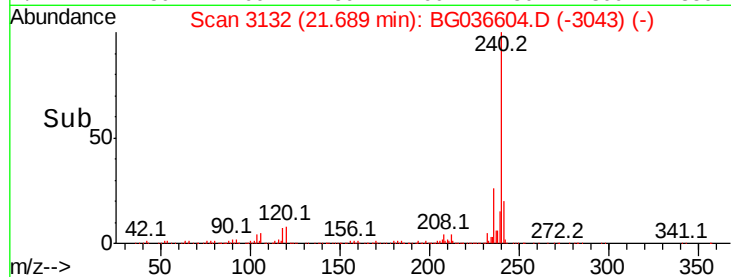
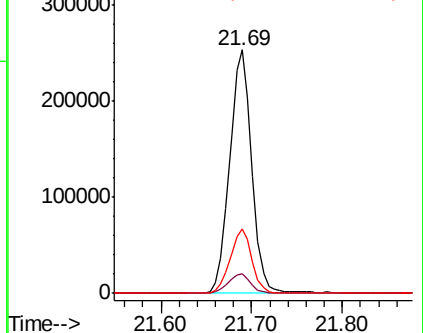
236 26.6 21.2 31.8



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



#78

Terphenyl-d14

Concen: 97.991 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036604.D

Acq: 7 Sep 2018 19:37

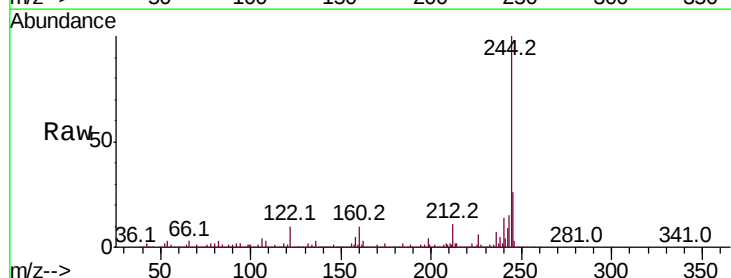
Tgt Ion:244 Resp: 1796457

Ion Ratio Lower Upper

244 100

212 10.6 7.0 10.6

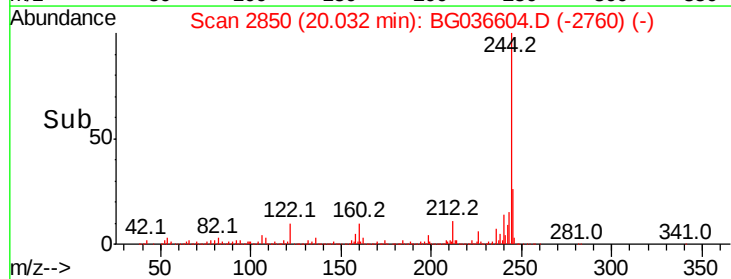
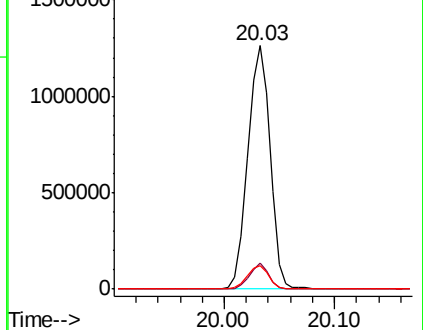
122 9.8 7.1 10.7

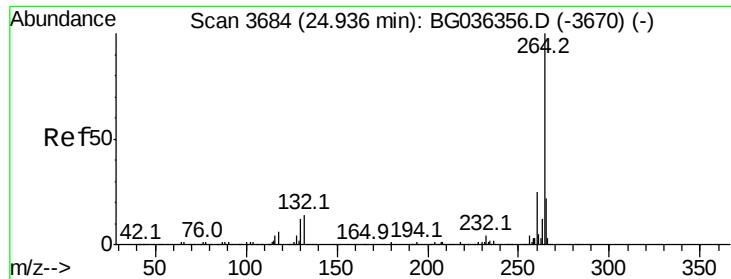


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

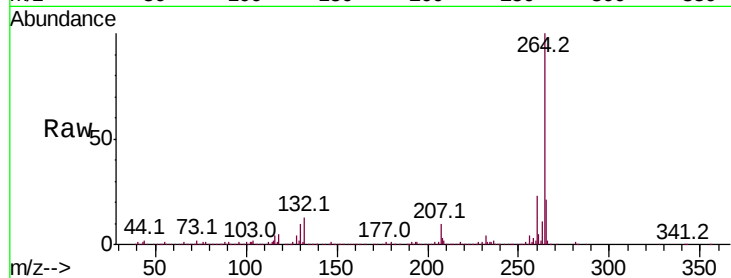




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036604.D
Acq: 7 Sep 2018 19:37

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.4	17.4	26.0



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

