

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035612.D
 Acq On : 13 Jul 2018 2:22
 Operator : JU/SJ
 Sample : J3947-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-1-OILY-WATER

Quant Time: Jul 13 04:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42539	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	165241	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119680	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	343754	20.00	ng	0.00
75) Chrysene-d12	21.68	240	368958	20.00	ng	0.00
86) Perylene-d12	24.91	264	310383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361976	141.27	ng	0.00
7) Phenol-d6	7.22	99	482135	126.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	392278	99.17	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	258701	164.00	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893553	100.03	ng	0.00
78) Terphenyl-d14	20.02	244	1684042	100.61	ng	0.00

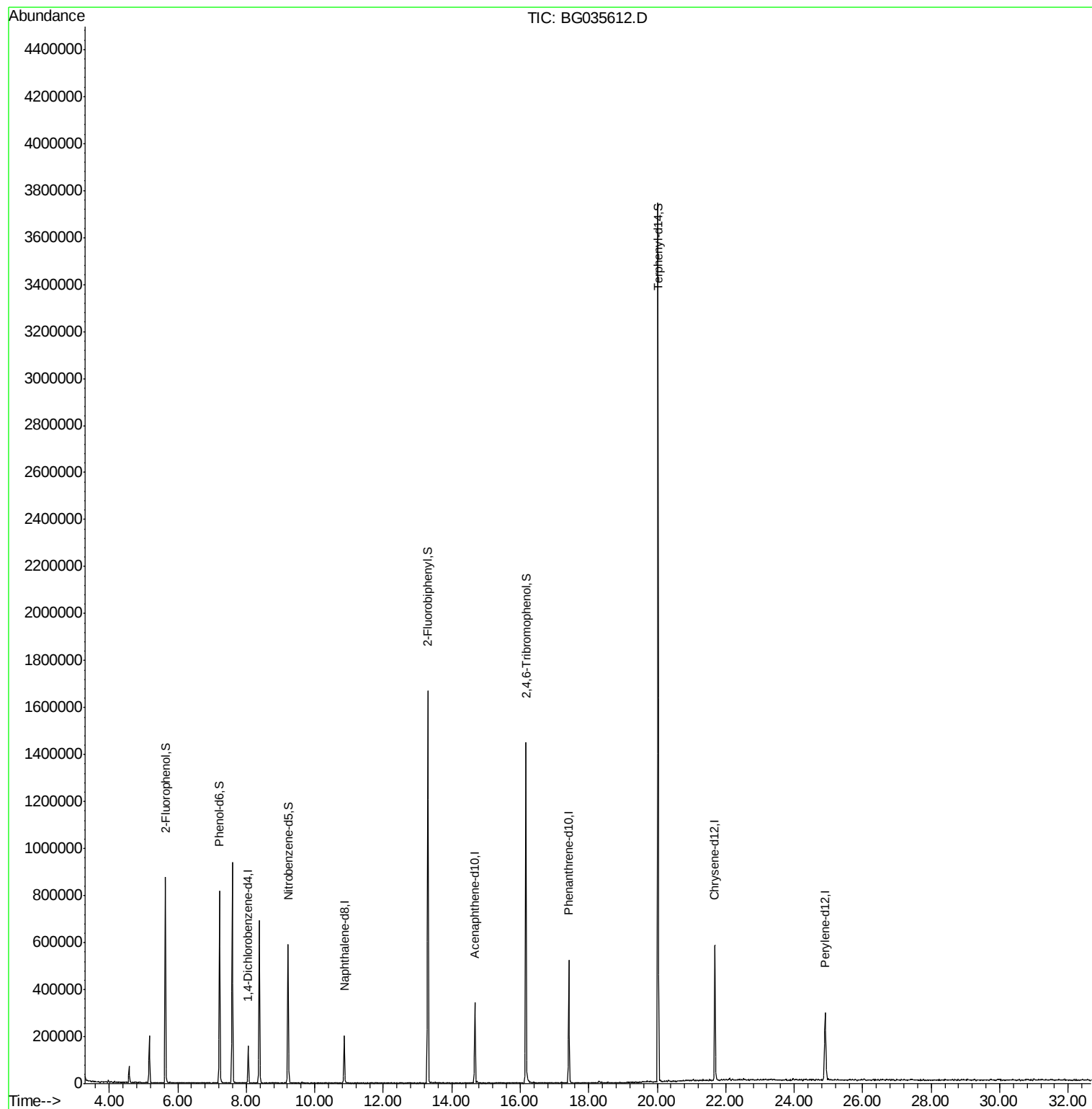
Target Compounds Qvalue

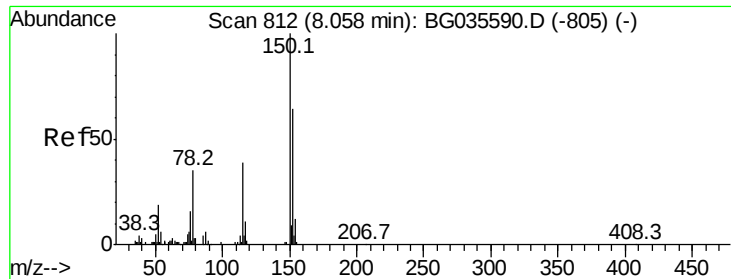
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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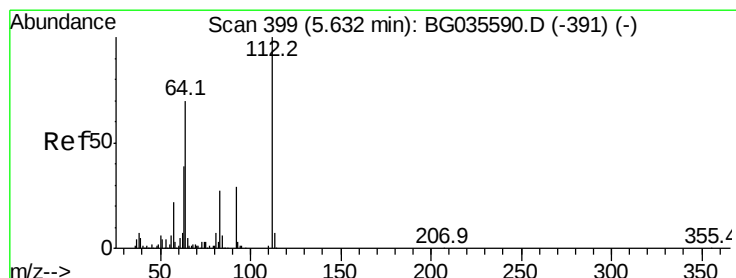
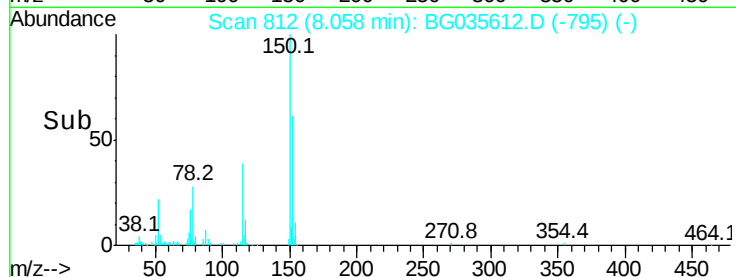
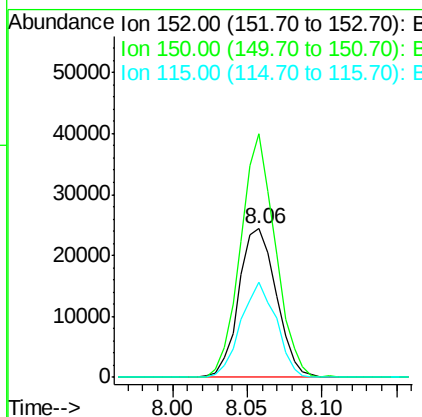
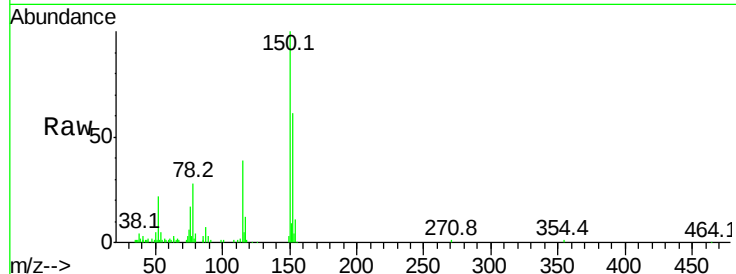


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PAR-1-OILY-WATER

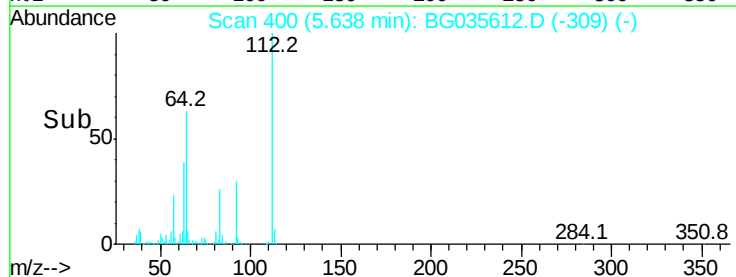
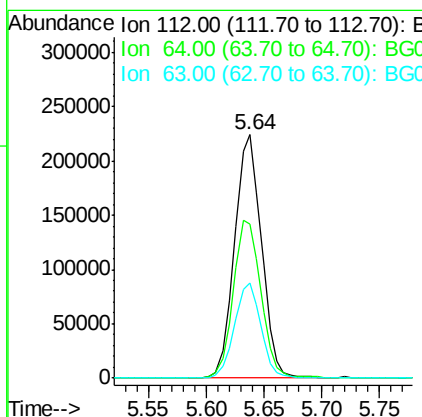
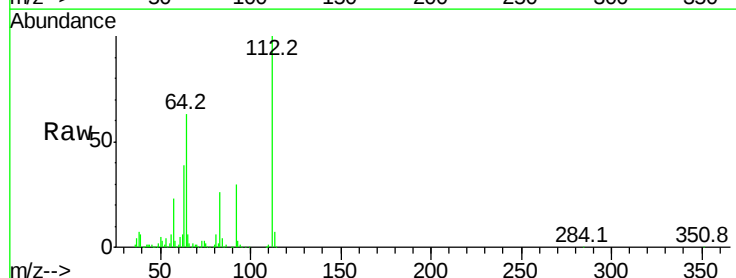
Tot Ion:152 Resp: 42539
Ion Ratio Lower Upper
152 100
150 163.7 126.6 189.8
115 63.9 53.0 79.4



#5

2-Fluorophenol
Concen: 141.274 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Tgt Ion:112 Resp: 361976
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 126.120 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

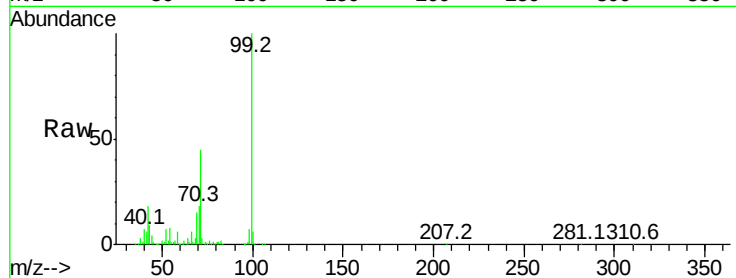
Tot Ion: 99 Resp: 482135

Ion Ratio Lower Upper

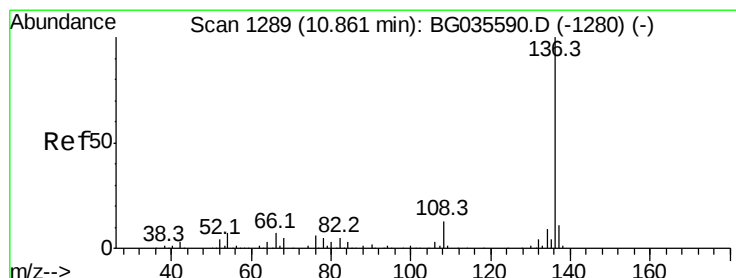
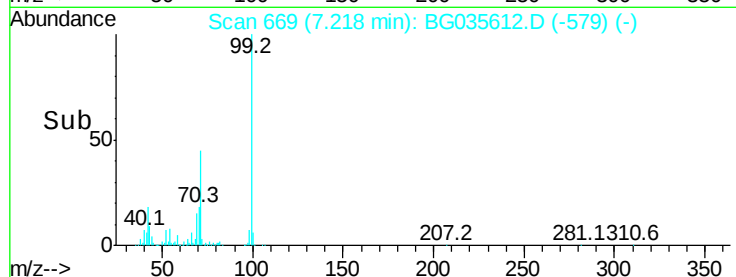
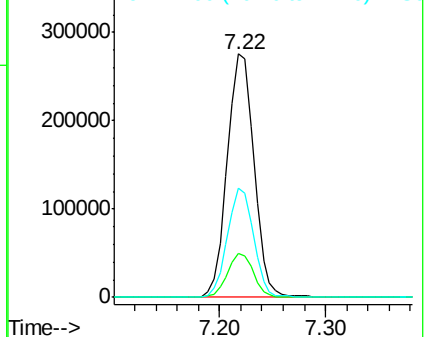
99 100

42 18.1 14.1 21.1

71 44.8 26.1 39.1#



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. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Tgt Ion: 136 Resp: 165241

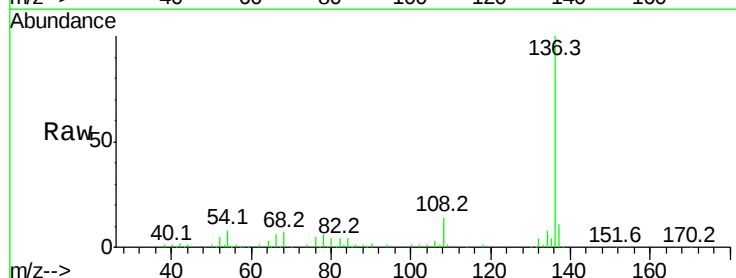
Ion Ratio Lower Upper

136 100

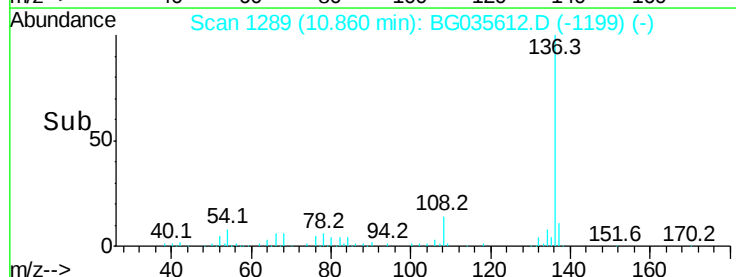
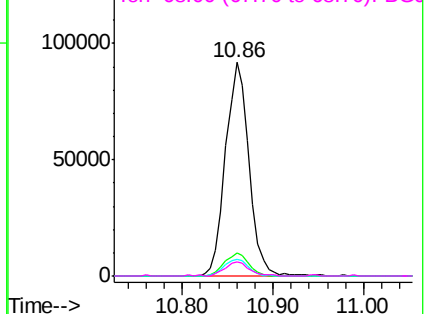
137 10.9 9.2 13.8

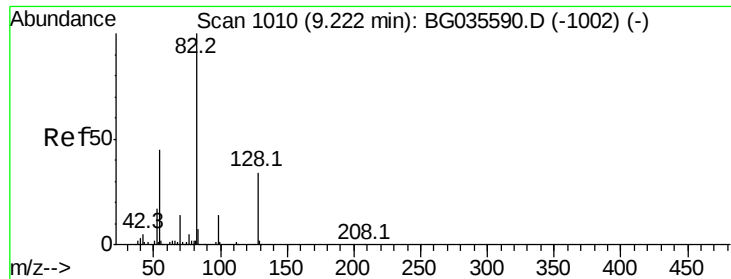
54 7.9 10.3 15.5#

68 6.6 4.5 6.7



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

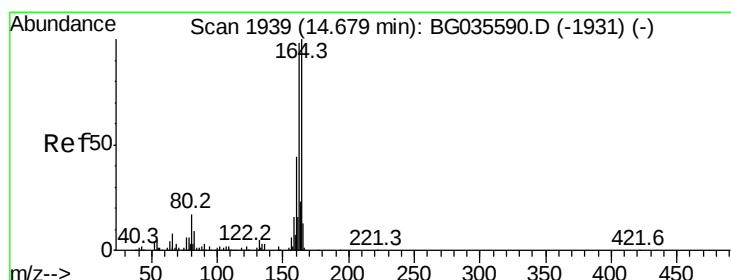
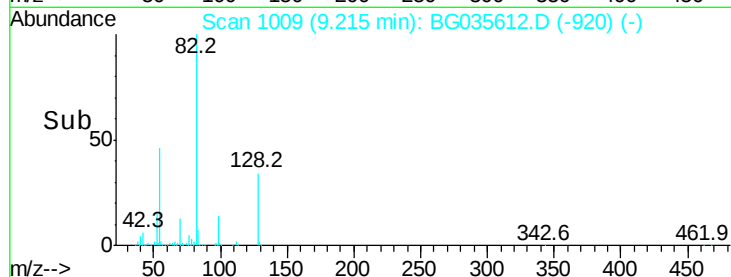
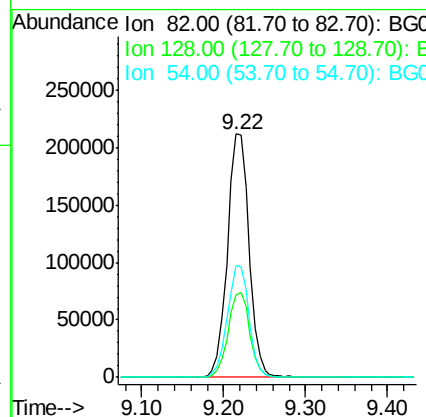
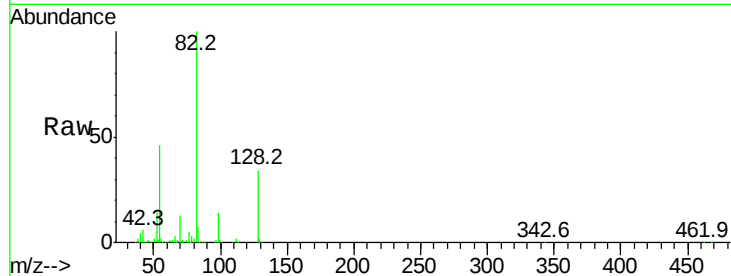




#23
 Nitrobenzene-d5
 Concen: 99.172 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

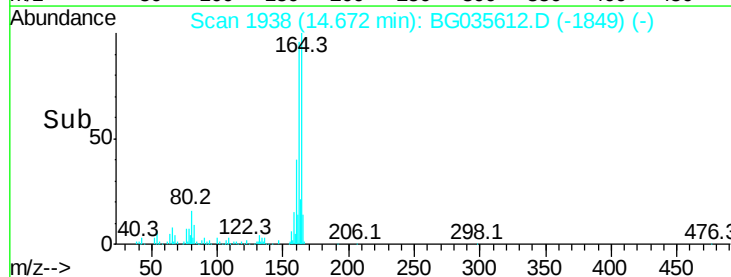
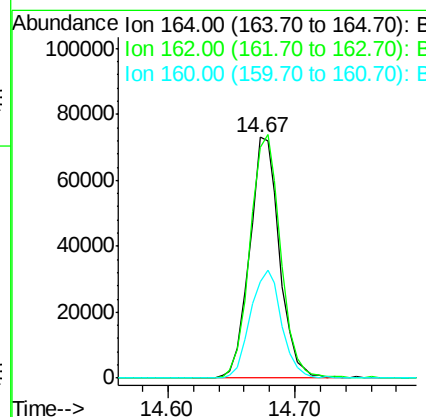
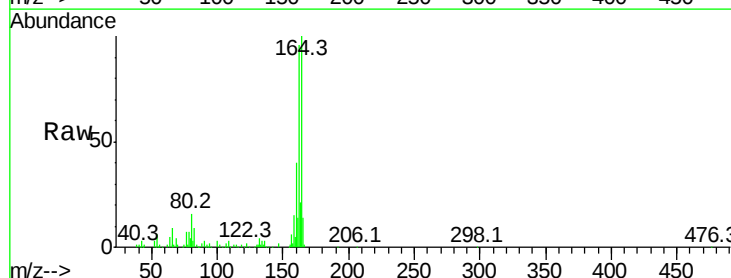
Instrument :
 BNA_G
 ClientSampleId :
 PAR-1-OILY-WATER

Tot Ion	82	Resp	392278
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	45.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

Tgt Ion	164	Resp	119680
Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.8	118.2
160	40.2	35.4	53.0

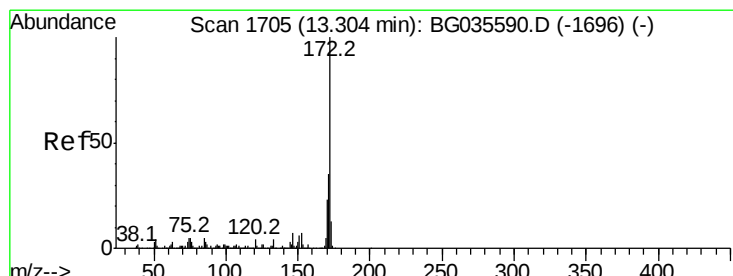
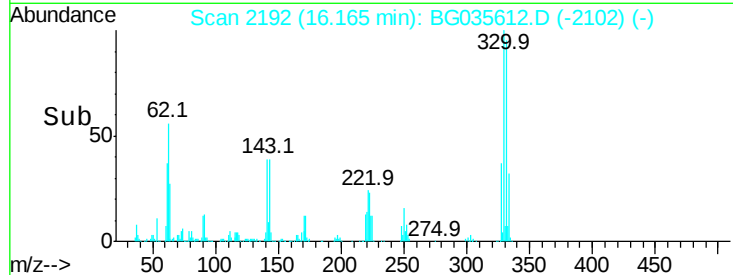
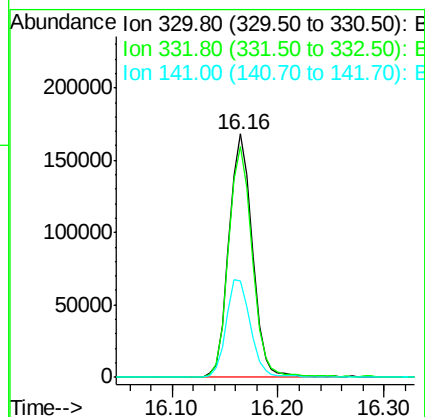
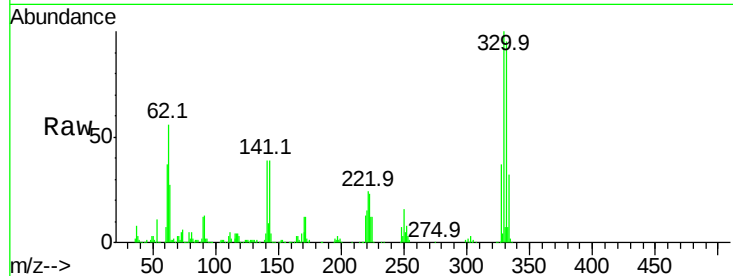




#41
 2,4,6-Tribromophenol
 Concen: 163.999 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

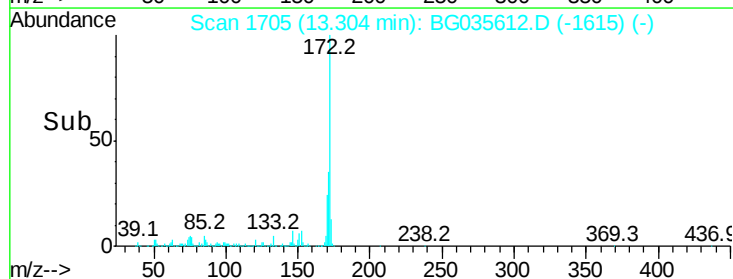
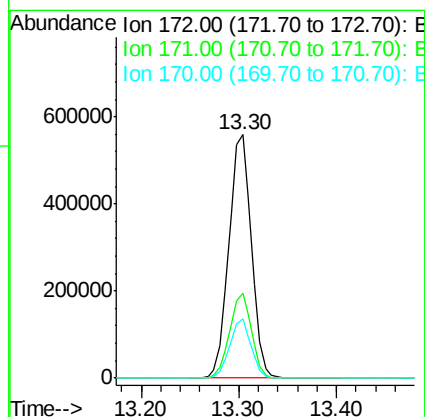
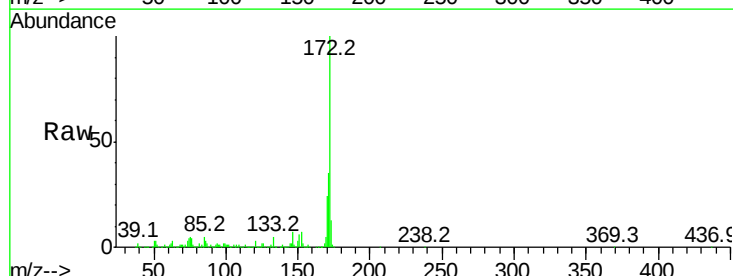
Instrument :
 BNA_G
 ClientSampleId :
 PAR-1-OILY-WATER

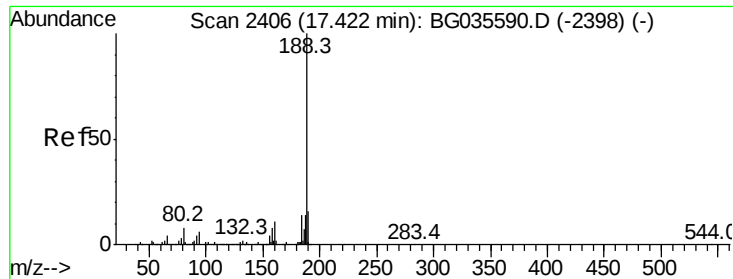
Tot Ion:330 Resp: 258701
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 41.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.028 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035612.D
 Acq: 13 Jul 2018 2:22

Tgt Ion:172 Resp: 893553
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 24.5 19.5 29.3

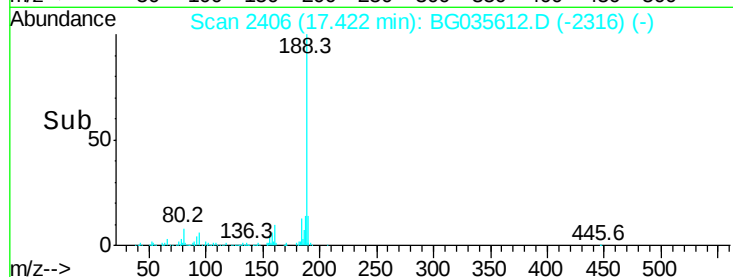
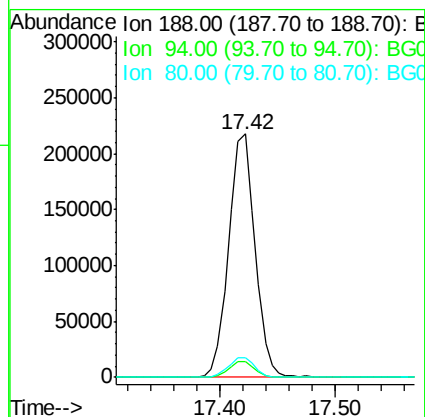
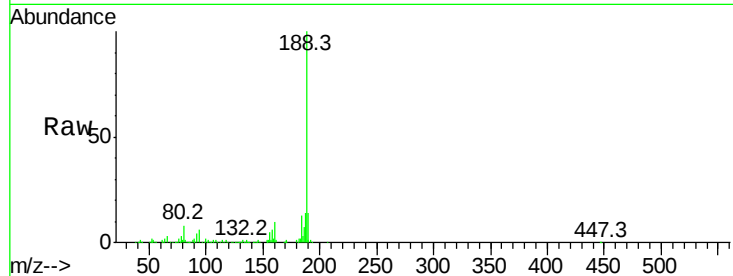




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

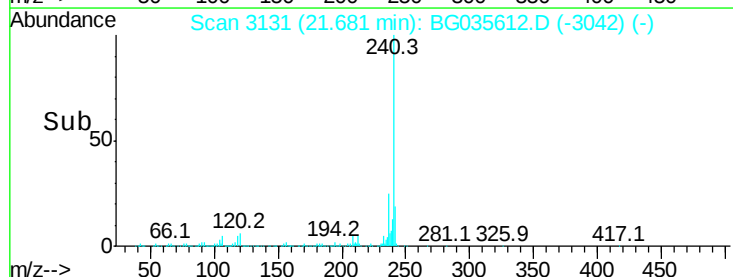
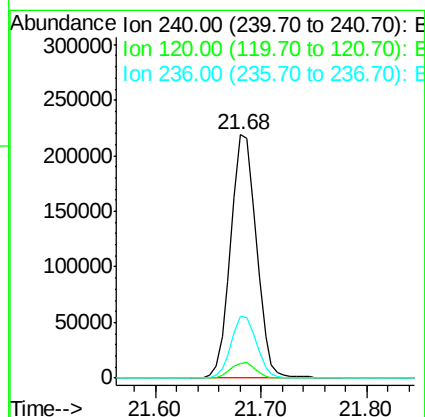
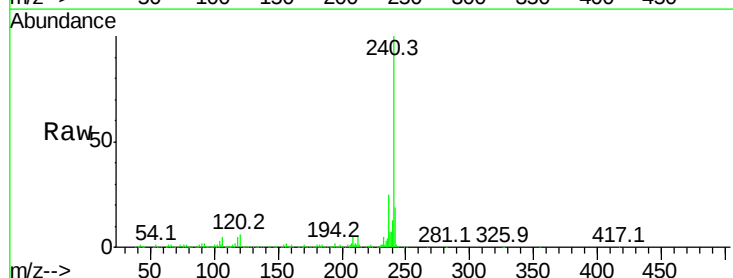
Instrument :
BNA_G
ClientSampleId :
PAR-1-OILY-WATER

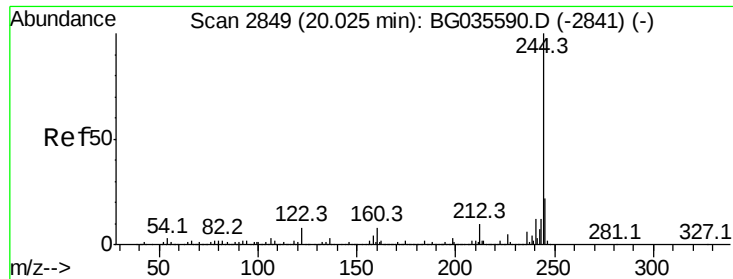
Tot Ion:188 Resp: 343754
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035612.D
Acq: 13 Jul 2018 2:22

Tgt Ion:240 Resp: 368958
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 100.611 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

Instrument :

BNA_G

ClientSampleId :

PAR-1-OILY-WATER

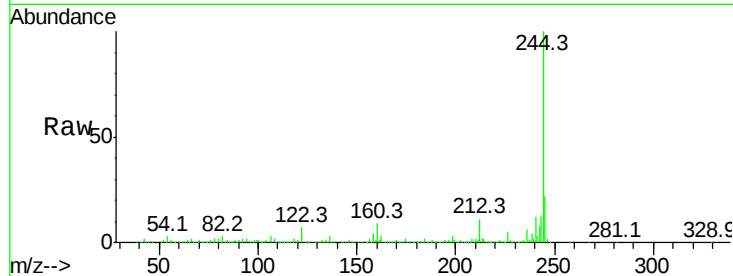
Tot Ion:244 Resp: 1684042

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

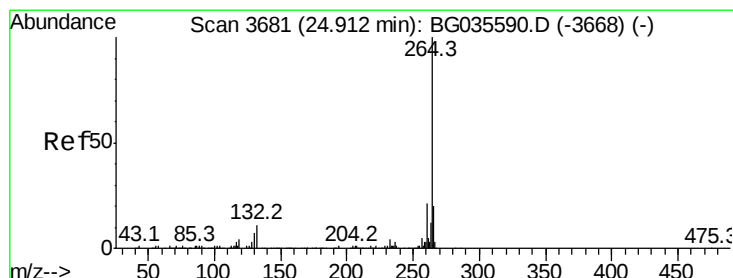
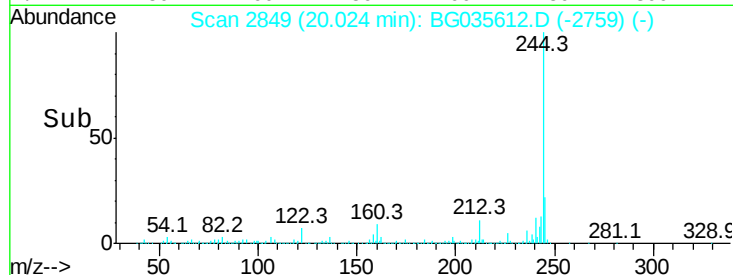
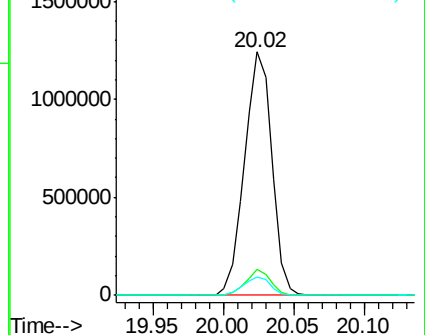
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035612.D

Acq: 13 Jul 2018 2:22

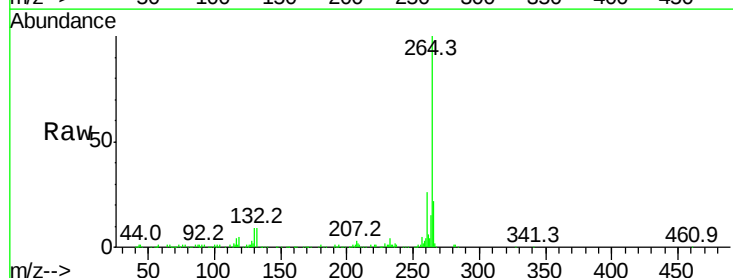
Tgt Ion:264 Resp: 310383

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 22.1 17.7 26.5



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

