

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043536.D
 Acq On : 7 Nov 2019 1:18
 Operator : JU
 Sample : K5683-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 07 10:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

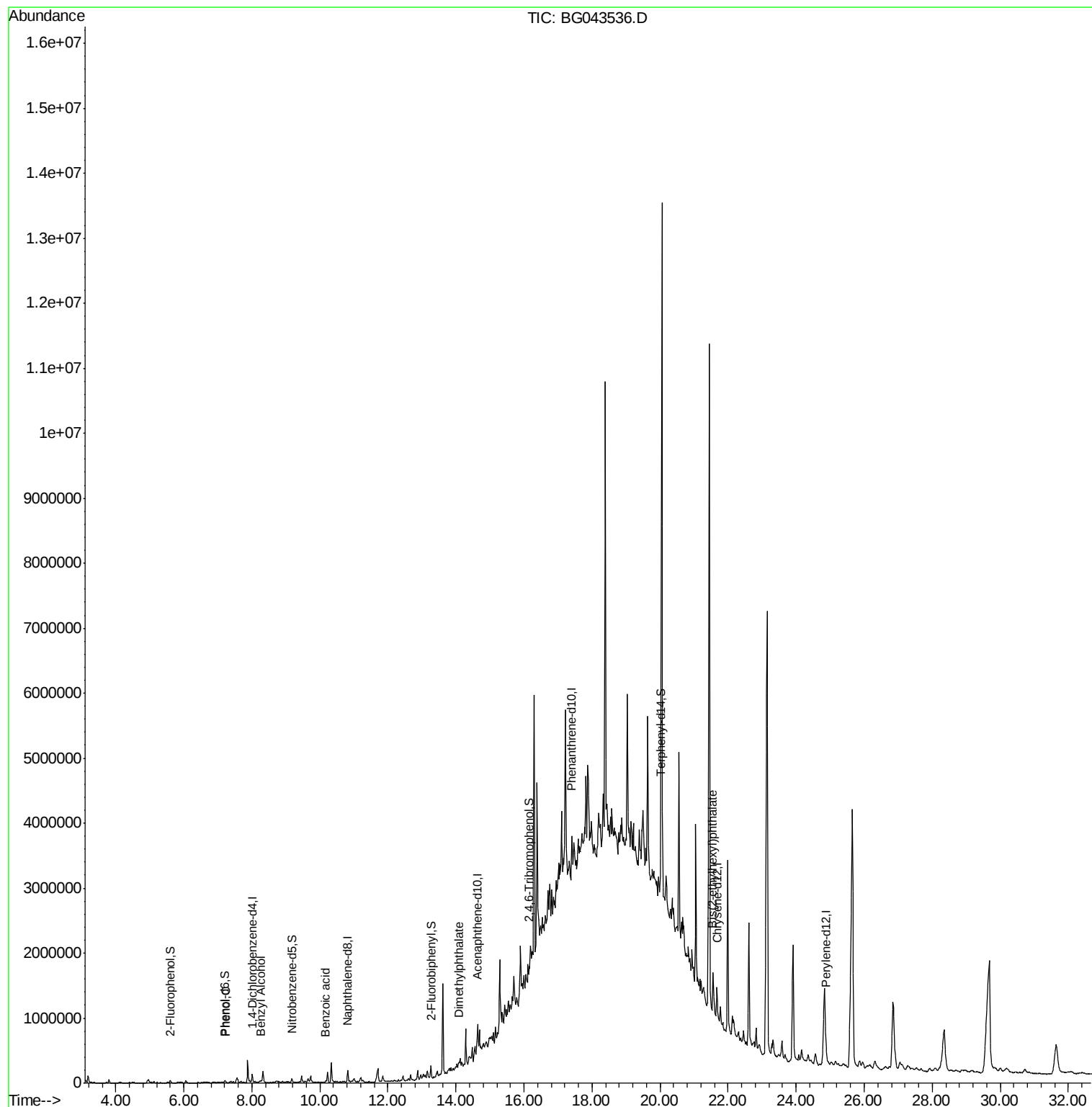
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	40953	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	157413	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	101269	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	242232	20.00	ng	0.01
76) Chrysene-d12	21.68	240	259464	20.00	ng	0.02
87) Perylene-d12	24.87	264	304908	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	21961	9.83	ng	0.01
7) Phenol-d6	7.20	99	21217	6.60	ng	0.00
23) Nitrobenzene-d5	9.18	82	38661	12.66	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	25992	13.49	ng	0.01
45) 2-Fluorobiphenyl	13.26	172	105557	14.40	ng	0.00
79) Terphenyl-d14	20.01	244	209058	15.12	ng	0.01
Target Compounds						
10) Phenol	7.23	94	10487	3.569	ng	95
15) Benzyl Alcohol	8.27	79	4742	2.100	ng	# 81
32) Benzoic acid	10.16	122	4783	11.574	ng	88
50) Dimethylphthalate	14.09	163	22751	2.900	ng	# 90
84) Bis(2-ethylhexyl)phthalate	21.55	149	197039	22.797	ng	97

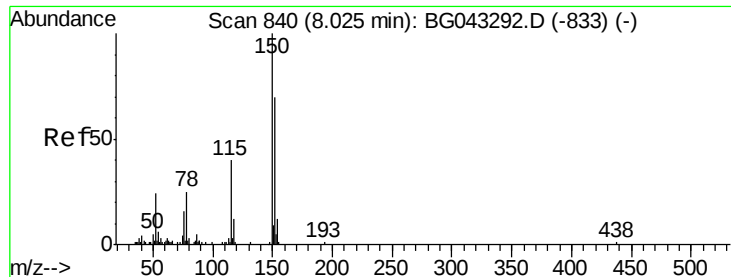
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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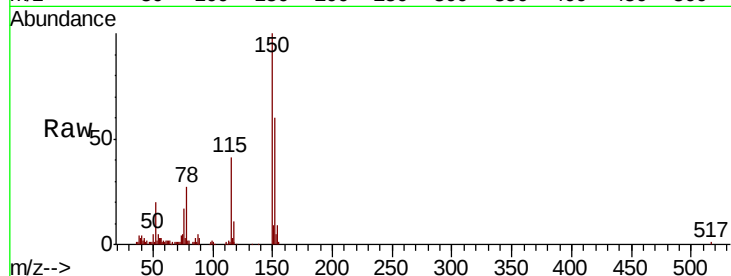


#1

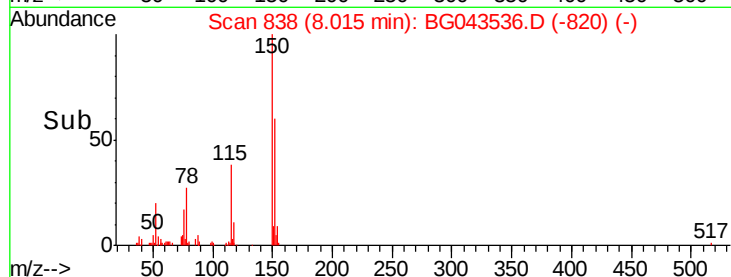
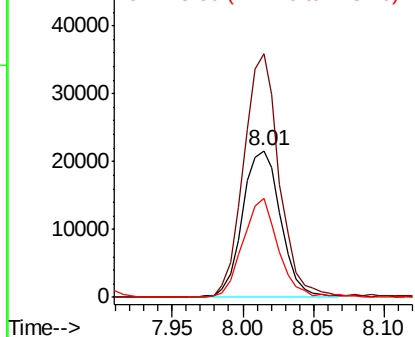
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 40953
Ion Ratio Lower Upper
152 100
150 166.4 129.4 194.0
115 67.7 48.8 73.2



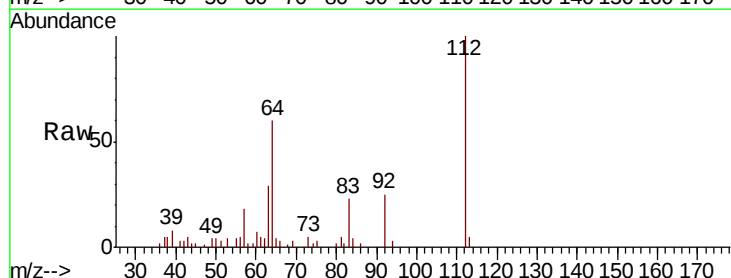
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



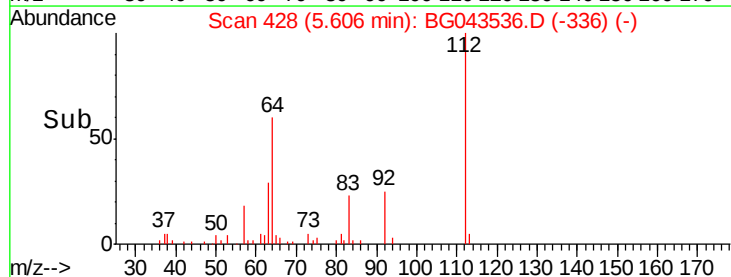
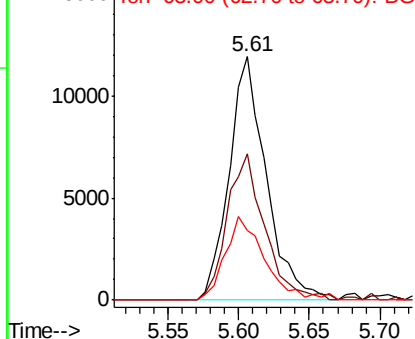
#5

2-Fluorophenol
Concen: 9.826 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

Tgt Ion:112 Resp: 21961
Ion Ratio Lower Upper
112 100
64 60.1 50.0 75.0
63 28.6 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 6.598 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Instrument :

BNA_G

ClientSampled :

OILY-WATER

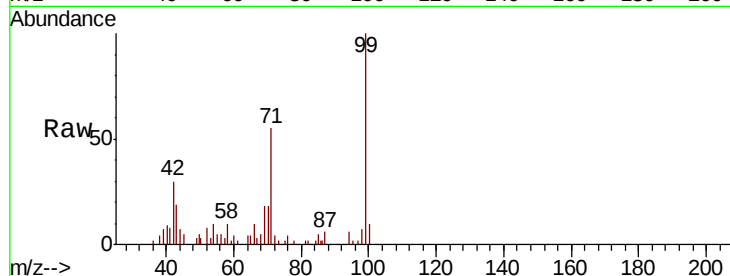
Tot Ion: 99 Resp: 21217

Ion Ratio Lower Upper

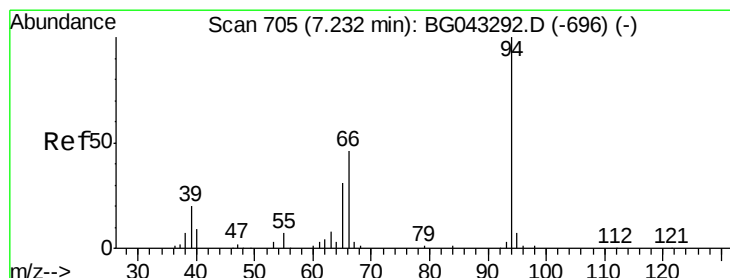
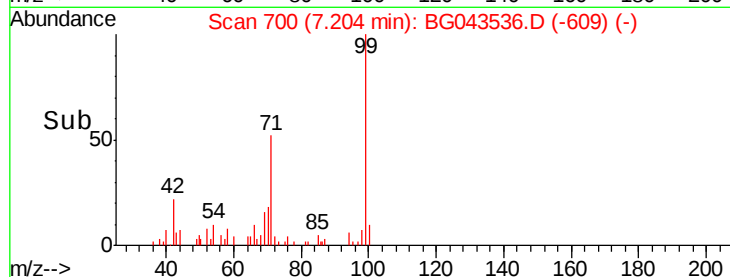
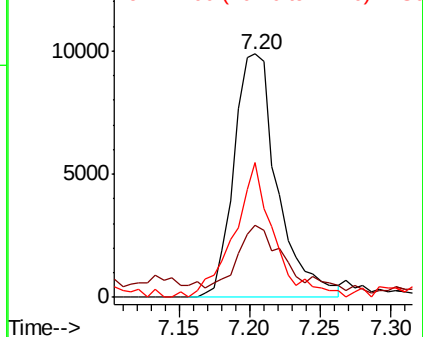
99 100

42 29.7 14.6 21.8#

71 55.4 32.5 48.7#



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



#10

Phenol

Concen: 3.569 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

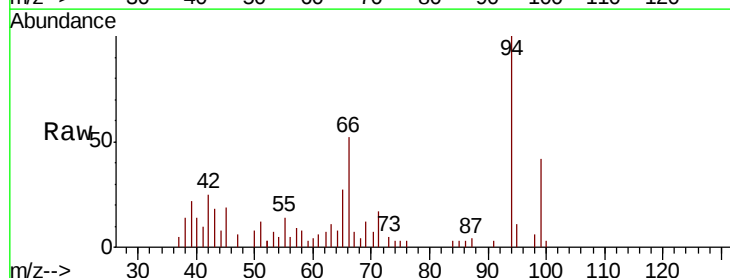
Tgt Ion: 94 Resp: 10487

Ion Ratio Lower Upper

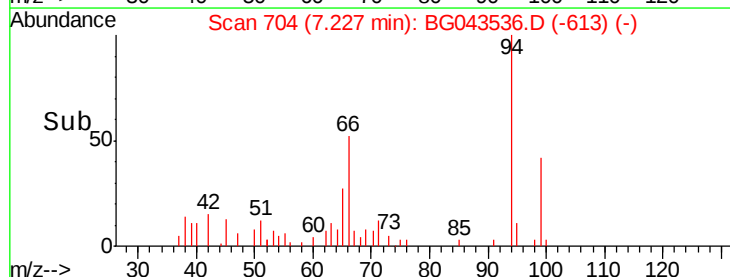
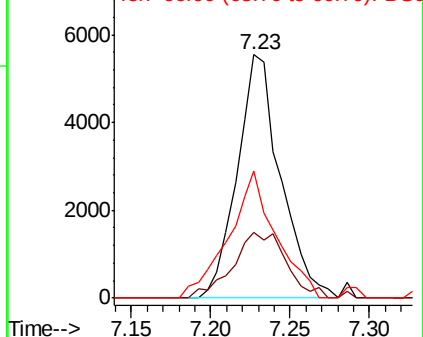
94 100

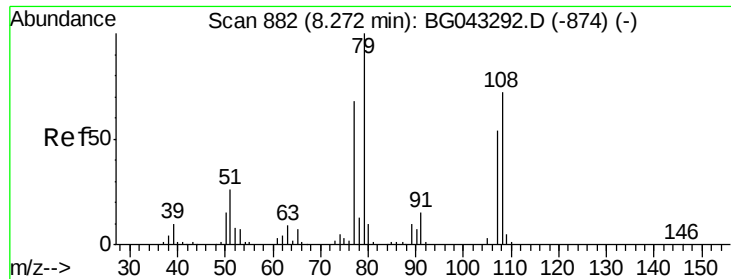
65 26.8 12.6 52.6

66 52.1 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.100 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

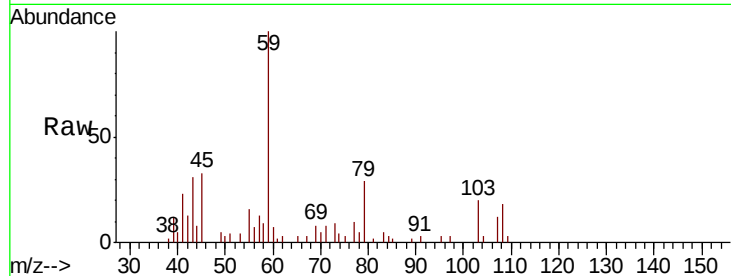
Tot Ion: 79 Resp: 4742

Ion Ratio Lower Upper

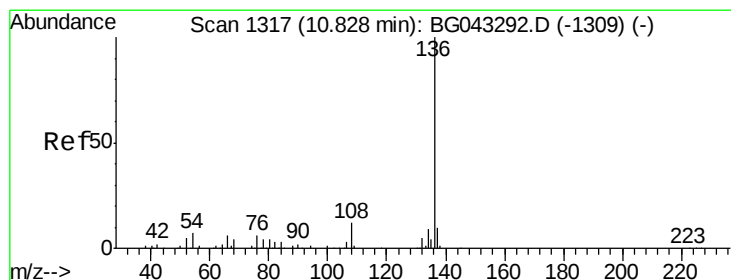
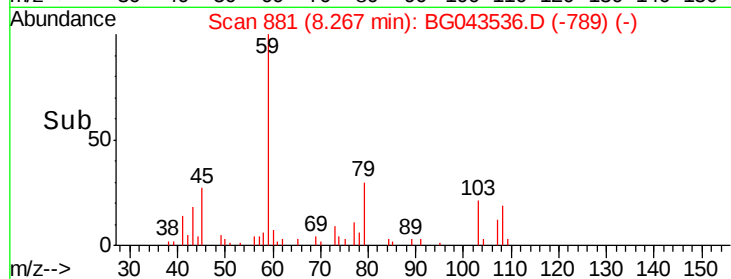
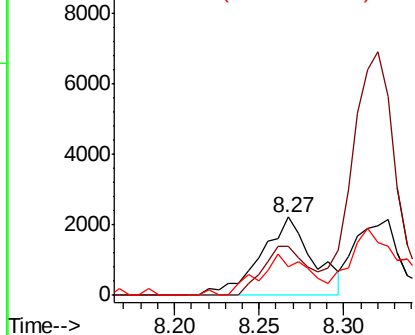
79 100

108 63.2 53.6 80.4

77 36.1 49.6 74.4#



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: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Tgt Ion: 136 Resp: 157413

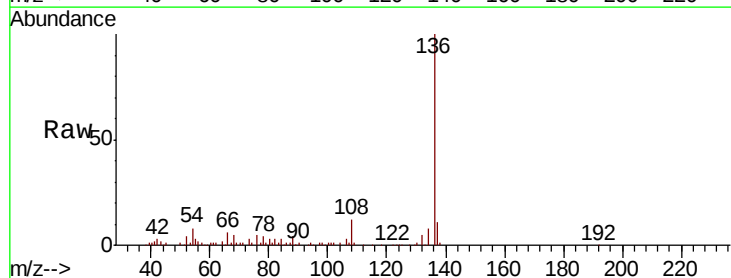
Ion Ratio Lower Upper

136 100

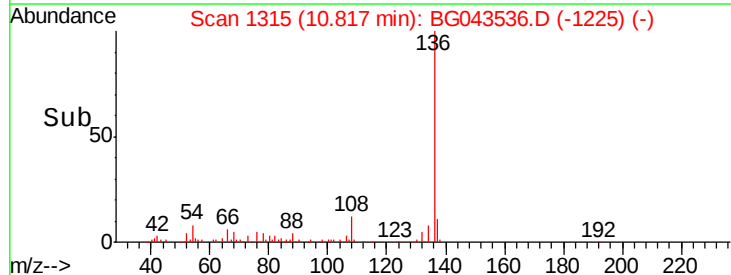
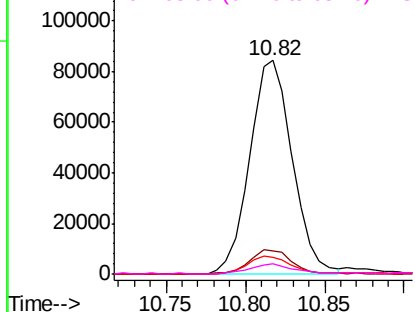
137 10.7 8.7 13.1

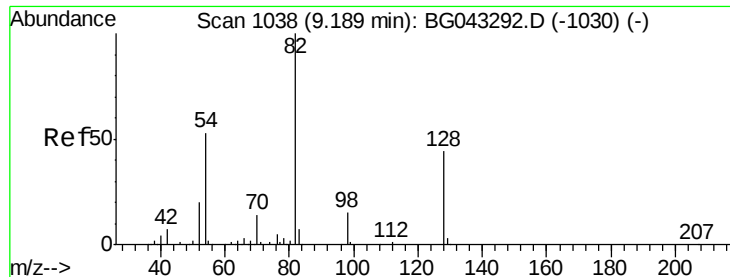
54 7.7 5.4 8.2

68 4.8 3.0 4.4#



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

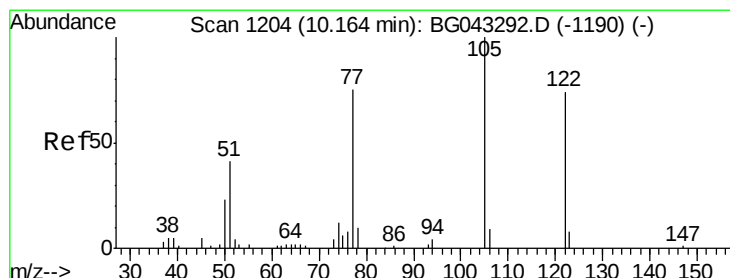
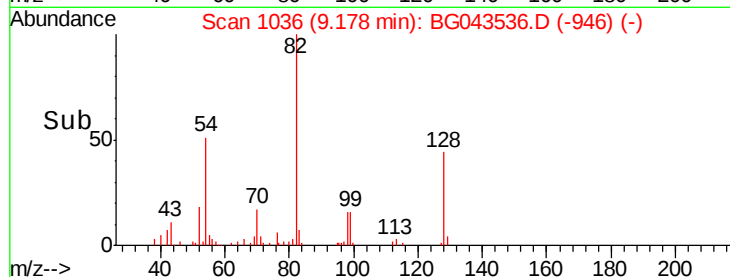
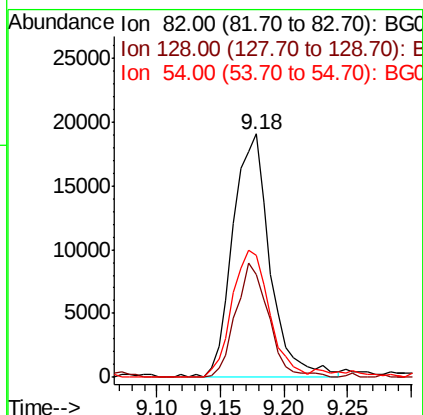
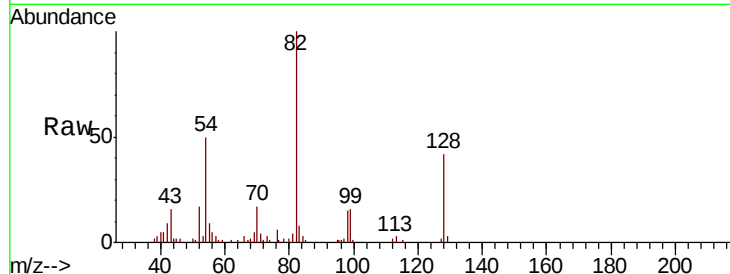




#23
Nitrobenzene-d5
Concen: 12.662 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

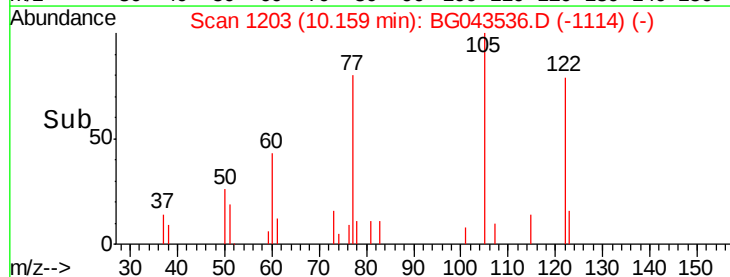
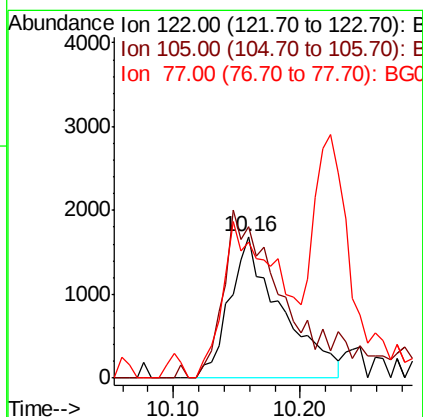
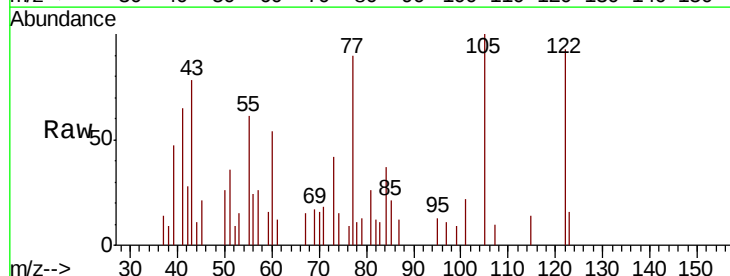
Instrument :
BNA_G
ClientSampleId :
OILY-WATER

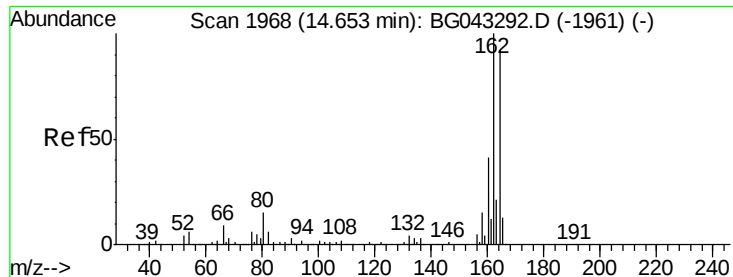
Tot Ion	82	Resp	38661
Ion Ratio	100	Lower	Upper
128	42.1	35.0	52.6
54	50.2	40.2	60.2



#32
Benzoic acid
Concen: 11.574 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

Tgt Ion	122	Resp	4783
Ion Ratio	100	Lower	Upper
105	107.1	103.3	143.3
77	95.9	84.9	124.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

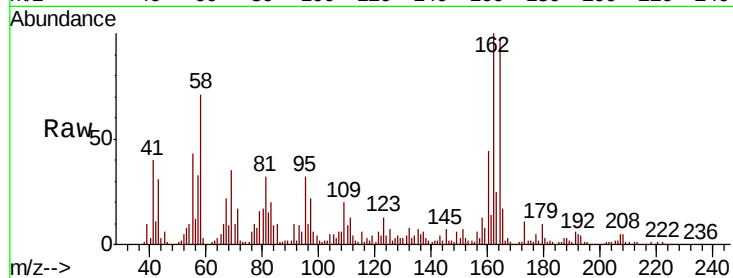
Tot Ion:164 Resp: 101269

Ion Ratio Lower Upper

164 100

162 103.5 83.5 125.3

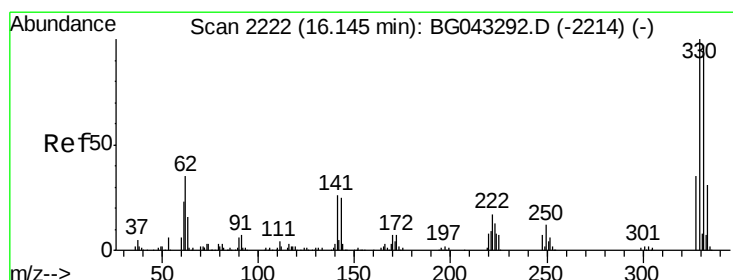
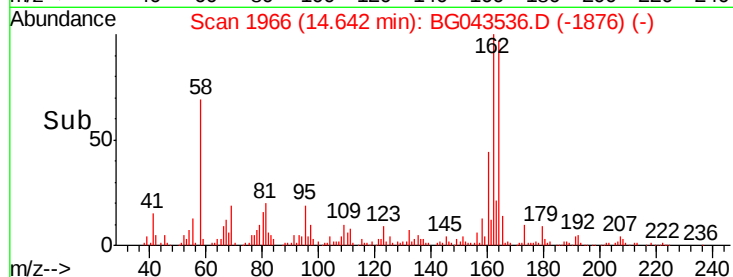
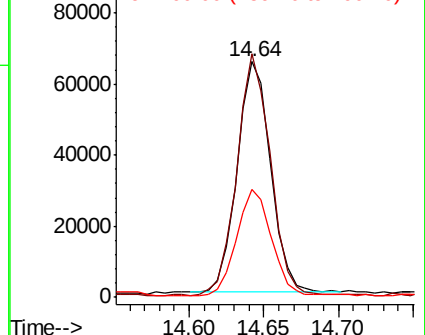
160 45.9 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 13.487 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

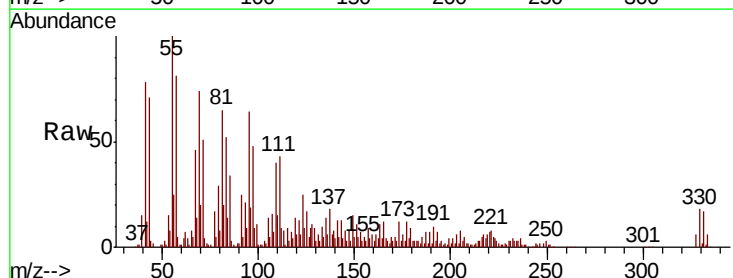
Tgt Ion:330 Resp: 25992

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

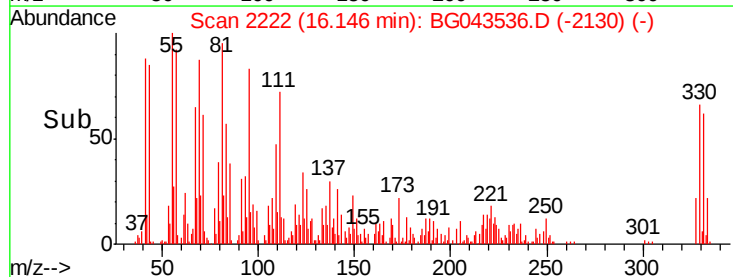
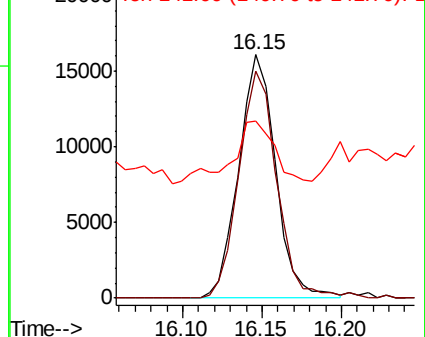
141 22.7 22.8 34.2#

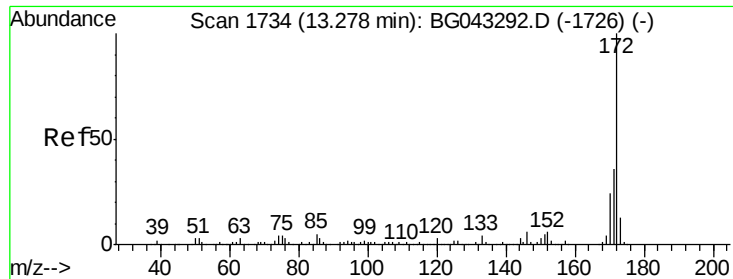


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

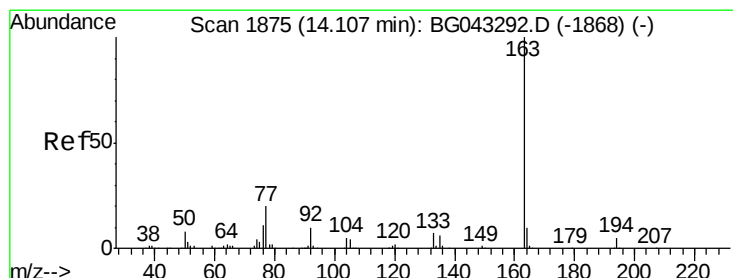
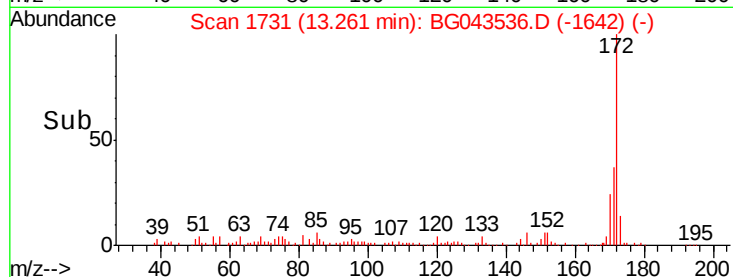
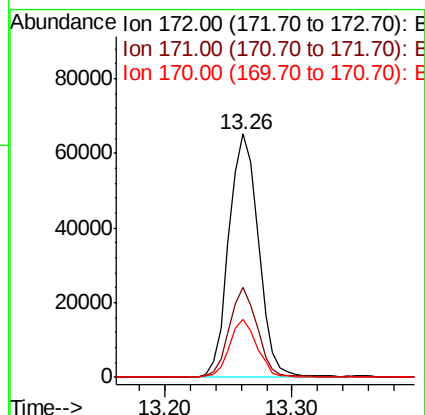
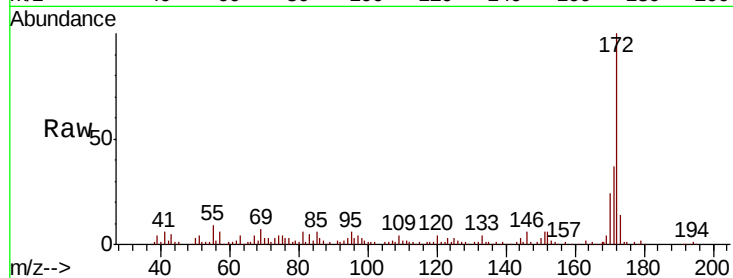




#45
2-Fluorobiphenyl
Concen: 14.403 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

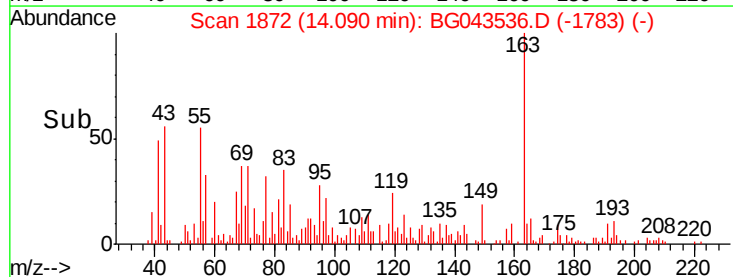
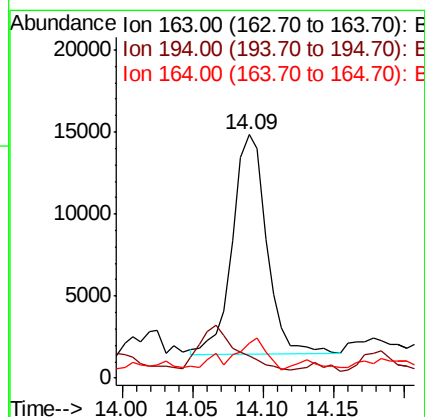
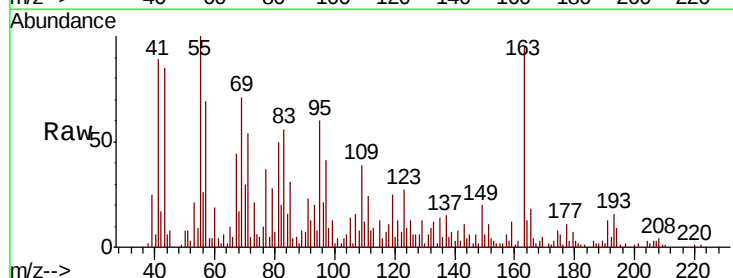
Instrument :
BNA_G
ClientSampleId :
OILY-WATER

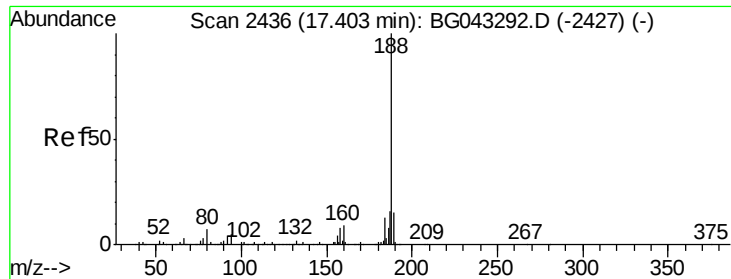
Tot Ion:172 Resp: 105557
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 23.7 18.5 27.7



#50
Dimethylphthalate
Concen: 2.900 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

Tgt Ion:163 Resp: 22751
Ion Ratio Lower Upper
163 100
194 9.3 3.8 5.6#
164 14.1 8.9 13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

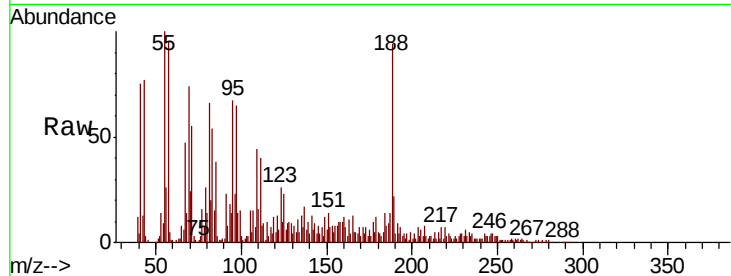
Tot Ion:188 Resp: 242232

Ion Ratio Lower Upper

188 100

94 15.3 4.2 6.4#

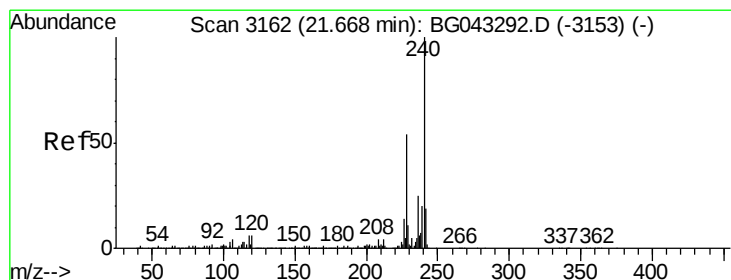
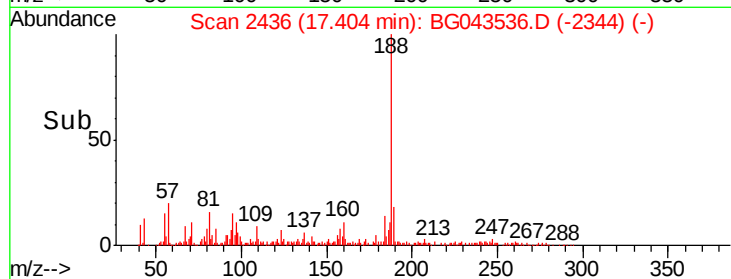
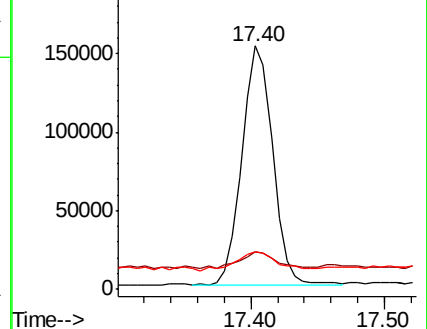
80 15.3 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3163

Delta R.T. 0.02 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

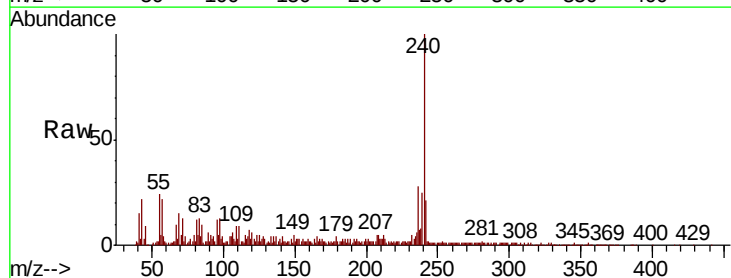
Tgt Ion:240 Resp: 259464

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

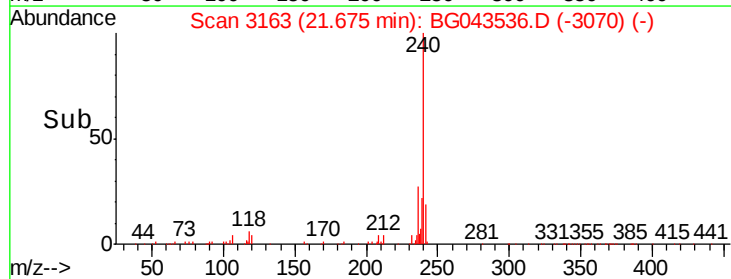
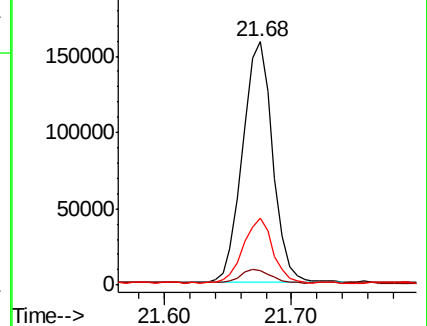
236 27.6 19.8 29.8

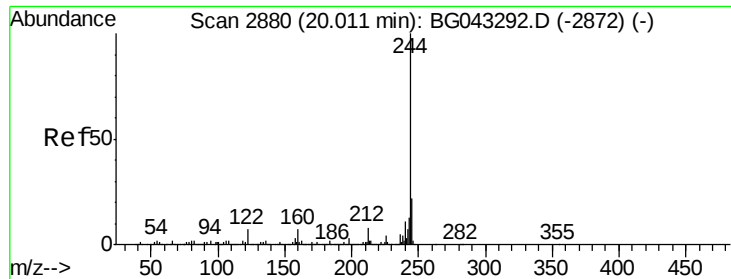


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 15.116 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

Instrument :

BNA_G

ClientSampleId :

OILY-WATER

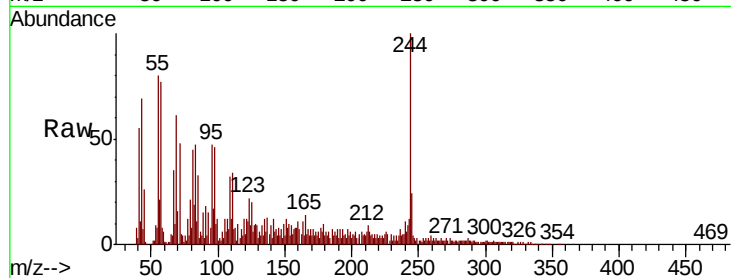
Tot Ion:244 Resp: 209058

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.6#

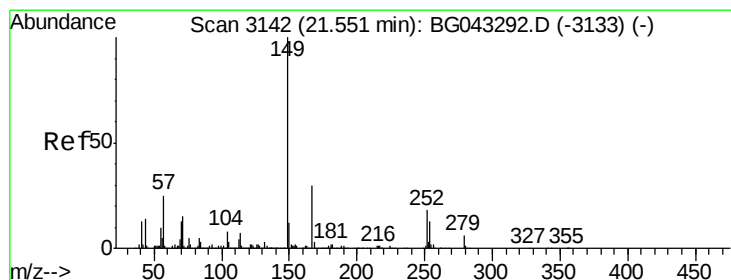
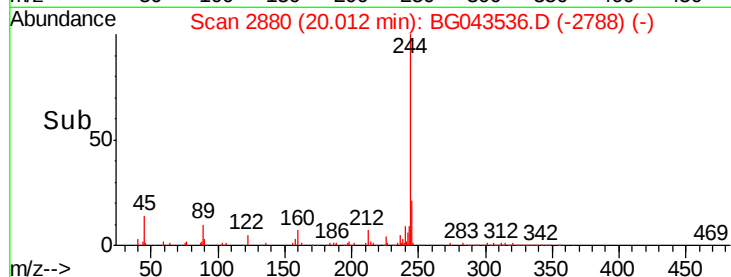
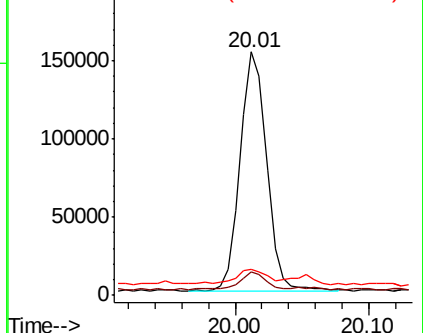
122 10.8 5.4 8.2#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.797 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG043536.D

Acq: 7 Nov 2019 1:18

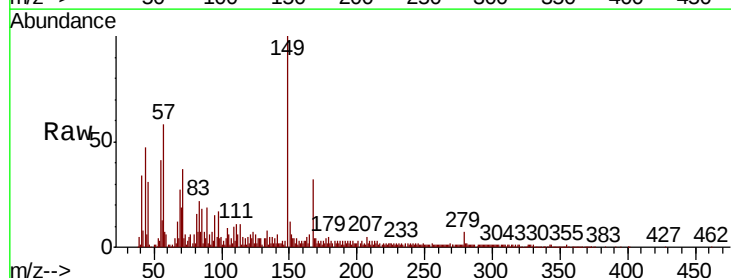
Tgt Ion:149 Resp: 197039

Ion Ratio Lower Upper

149 100

167 32.1 24.0 36.0

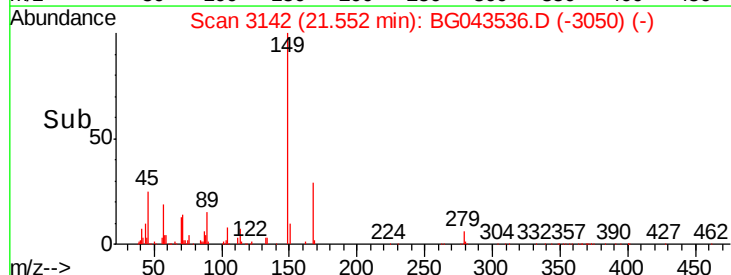
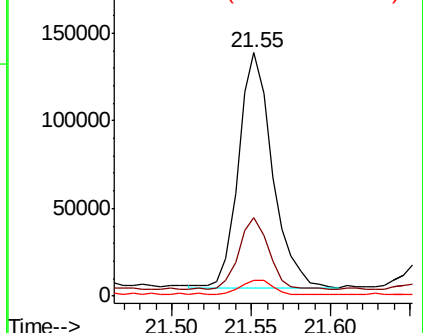
279 6.7 5.4 8.2

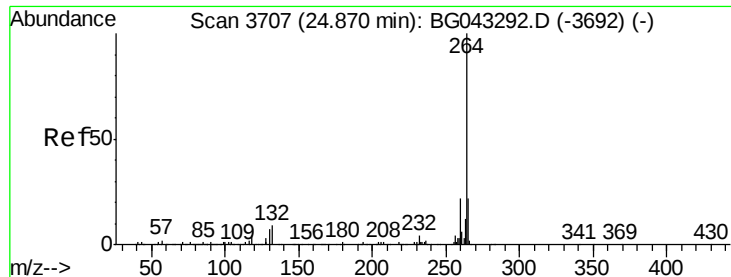


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

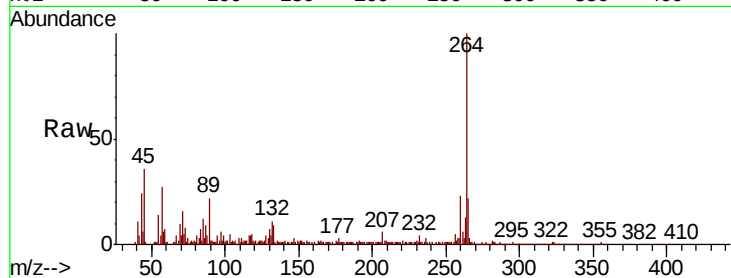




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.02 min
Lab File: BG043536.D
Acq: 7 Nov 2019 1:18

Instrument :
BNA_G
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.5	26.3
265	21.7	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

