

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044998.D
 Acq On : 16 Apr 2020 1:35
 Operator : CG/JU
 Sample : L2259-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

Quant Time: Apr 16 05:35:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

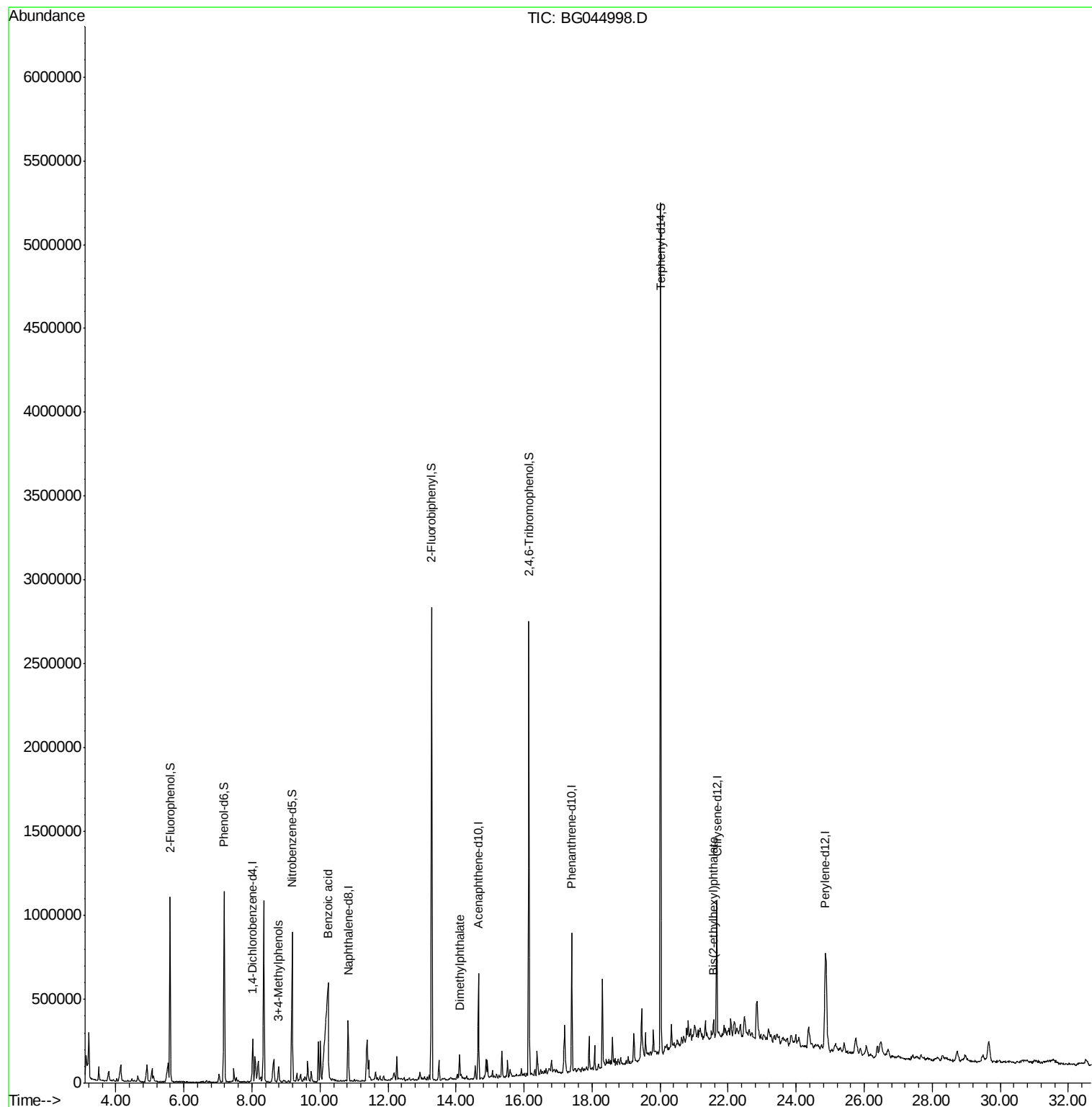
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	74625	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	306302	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	231317	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	543522	20.00	ng	0.00
76) Chrysene-d12	21.66	240	485403	20.00	ng	0.00
87) Perylene-d12	24.85	264	516345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	527010	116.59	ng	0.00
7) Phenol-d6	7.18	99	745601	111.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	607018	90.43	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	543605	152.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1504883	95.39	ng	0.00
79) Terphenyl-d14	20.01	244	2382475	106.98	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.79	107	35877	4.943	ng	92
32) Benzoic acid	10.23	122	625411	149.130	ng	97
50) Dimethylphthalate	14.10	163	92393	4.905	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	48137	2.523	ng	93

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

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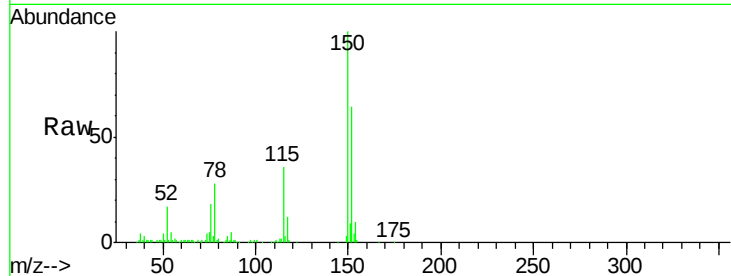


#1

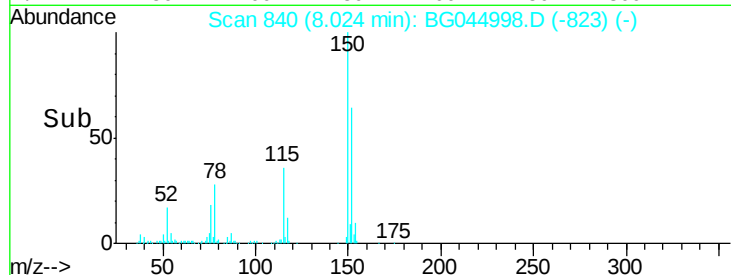
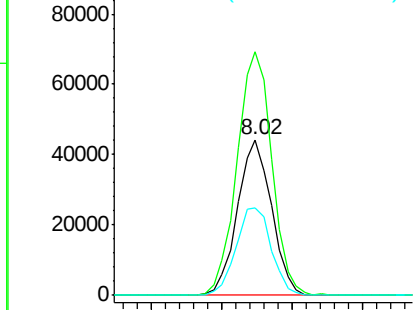
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:152 Resp: 74625
Ion Ratio Lower Upper
152 100
150 156.7 123.6 185.4
115 56.2 49.1 73.7



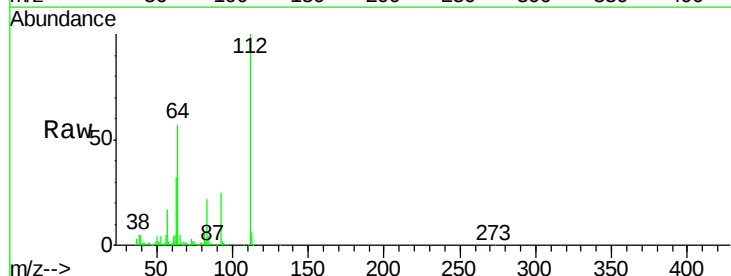
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



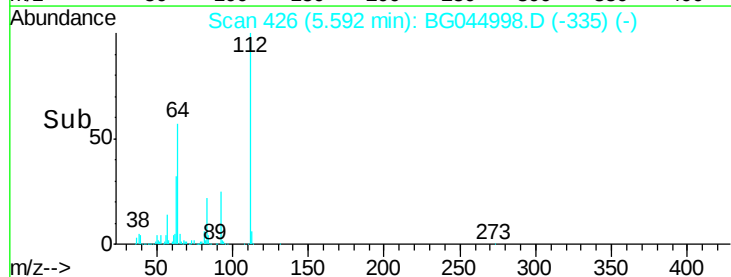
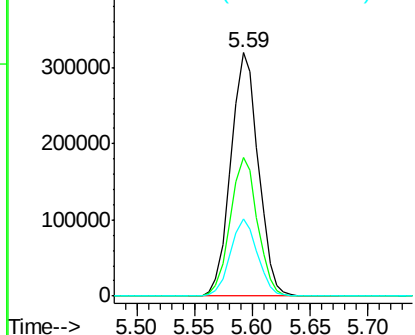
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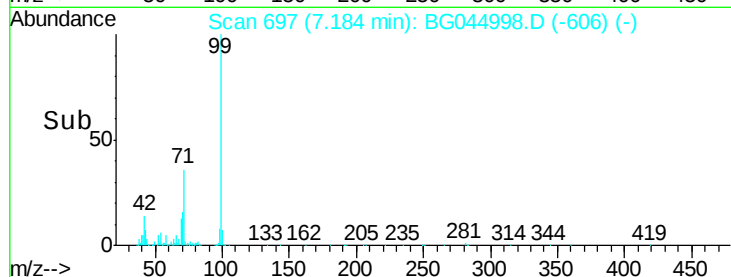
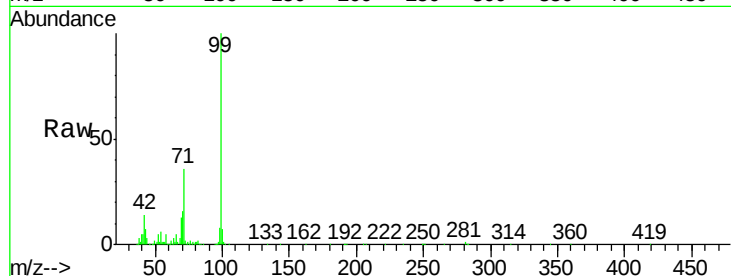
2-Fluorophenol
Concen: 116.592 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Tgt Ion:112 Resp: 527010
Ion Ratio Lower Upper
112 100
64 57.1 42.4 63.6
63 31.9 23.1 34.7



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: 111.022 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-2

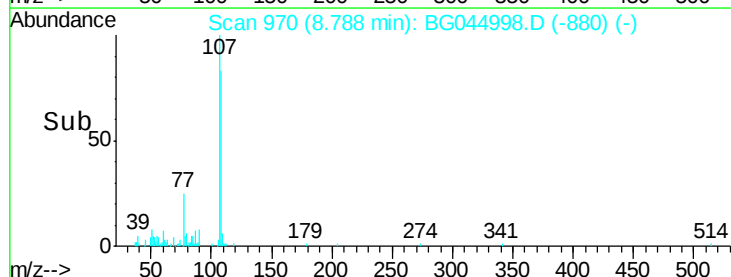
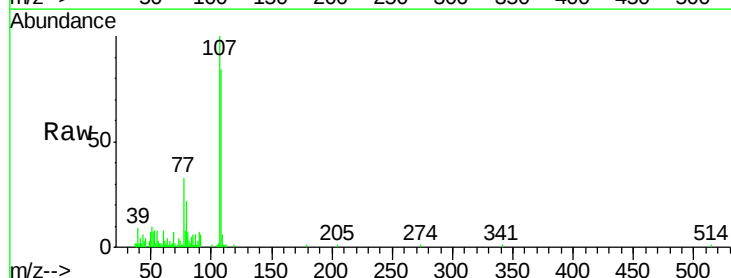
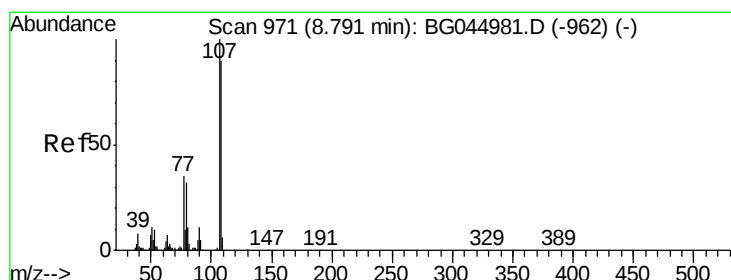
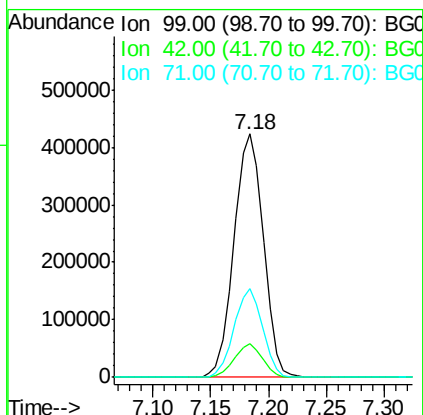
Tot Ion: 99 Resp: 745601

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 36.4 28.3 42.5



#20

3+4-Methylphenols

Concen: 4.943 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

Tgt Ion:107 Resp: 35877

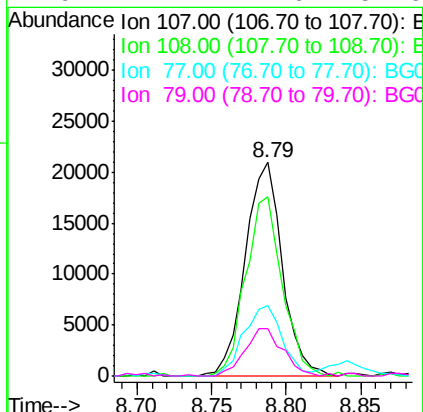
Ion Ratio Lower Upper

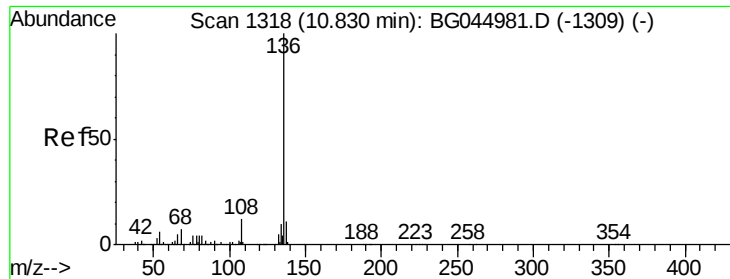
107 100

108 83.7 69.9 109.9

77 32.7 15.2 55.2

79 22.4 11.6 51.6

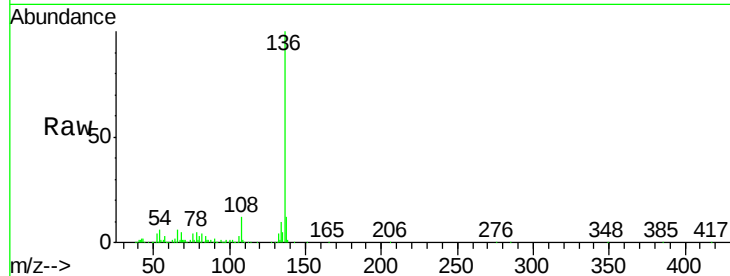




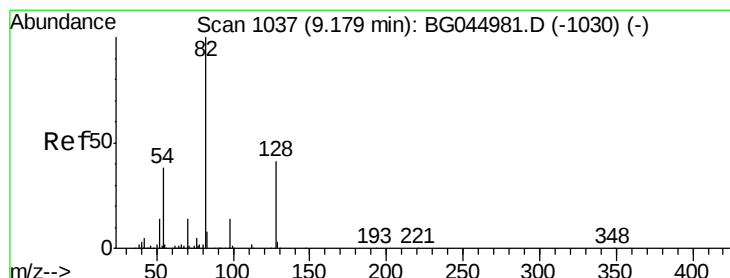
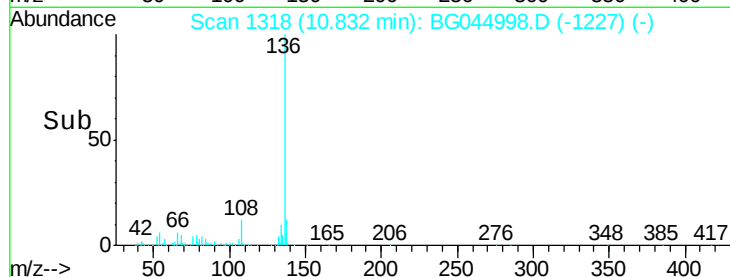
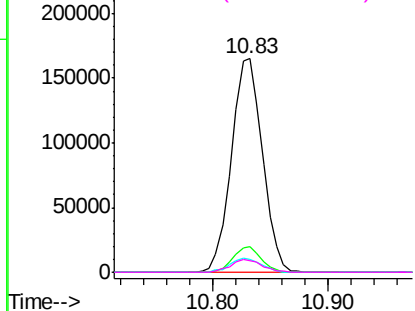
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:136	Resp:	306302
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.6 13.0
54	5.8	4.8 7.2
68	5.4	5.2 7.8

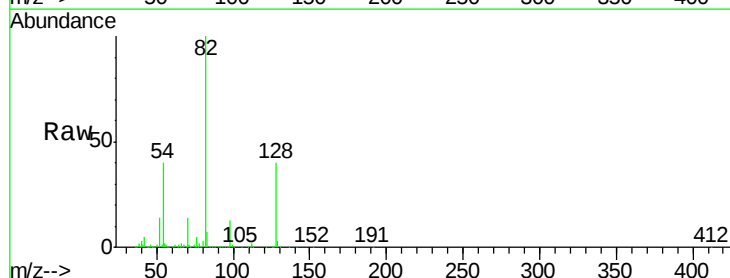


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

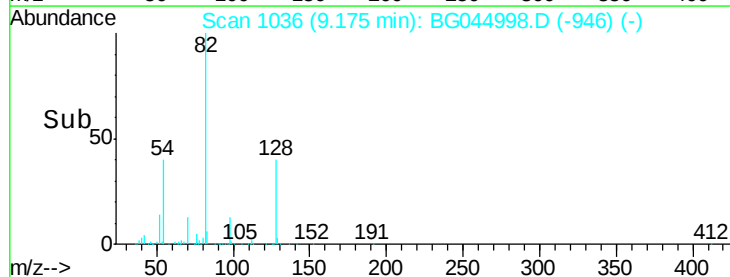
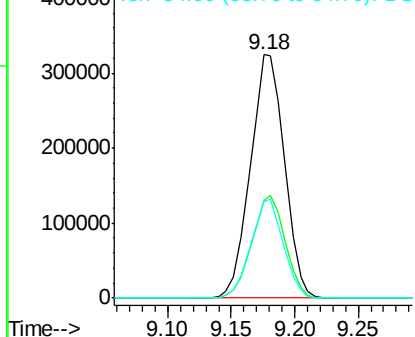


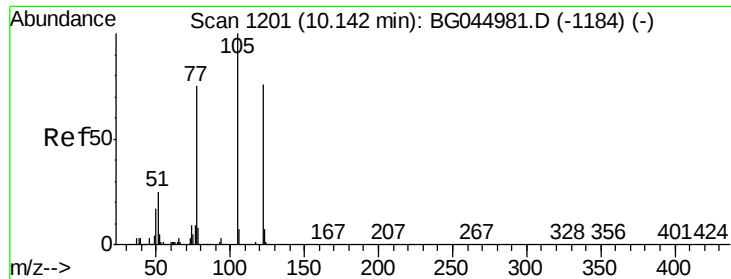
#23
Nitrobenzene-d5
Concen: 90.426 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Tgt Ion: 82	Resp:	607018
Ion Ratio	Lower	Upper
82	100	
128	40.3	33.0 49.4
54	39.8	30.4 45.6



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

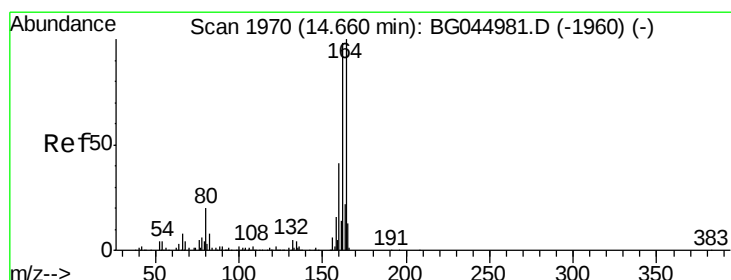
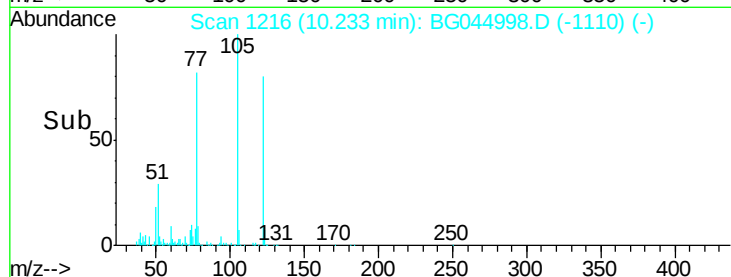
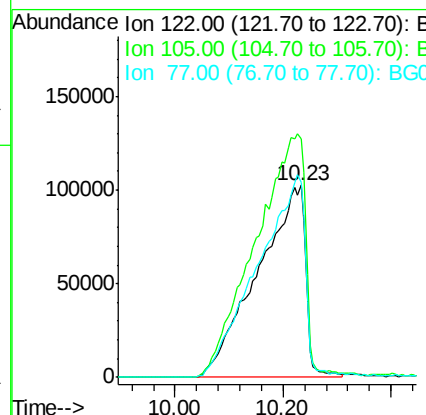
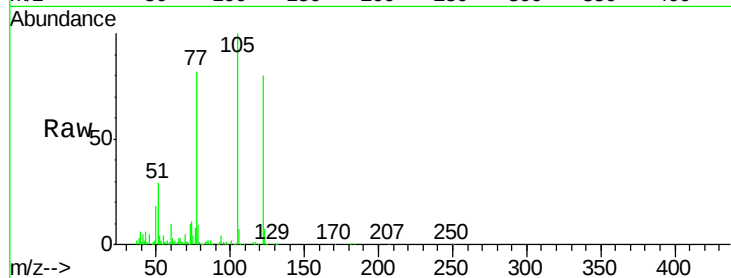




#32
Benzoic acid
Concen: 149.130 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.09 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

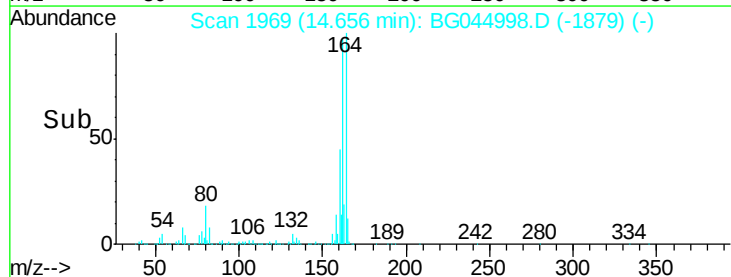
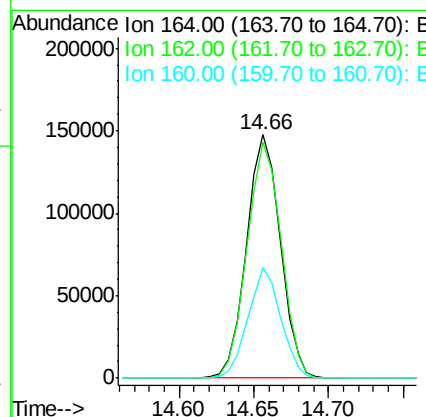
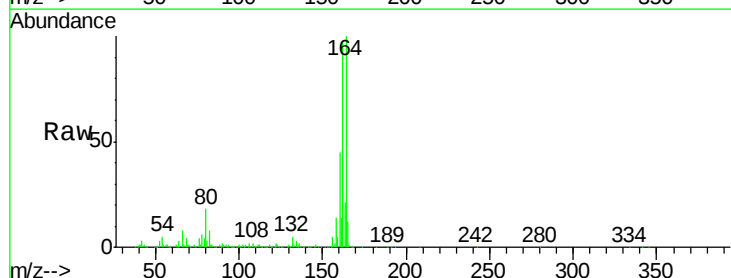
Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-2

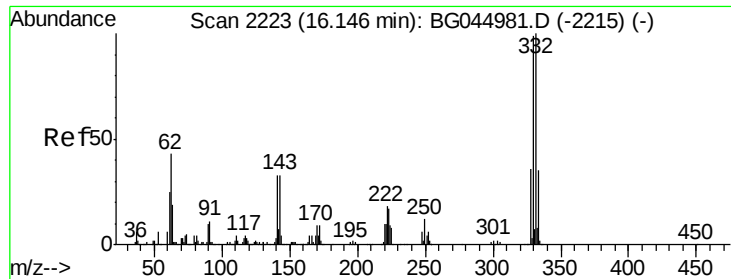
Tot Ion:122 Resp: 625411
Ion Ratio Lower Upper
122 100
105 124.5 108.4 148.4
77 101.6 78.8 118.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Tgt Ion:164 Resp: 231317
Ion Ratio Lower Upper
164 100
162 97.1 78.7 118.1
160 45.2 32.8 49.2

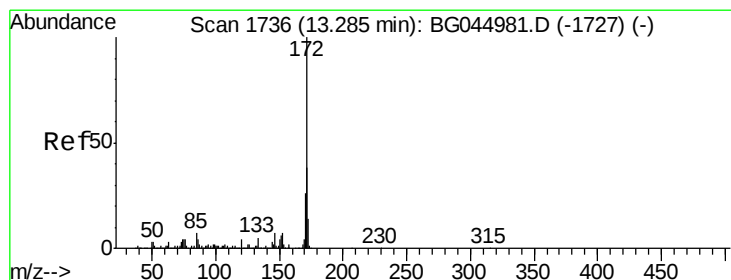
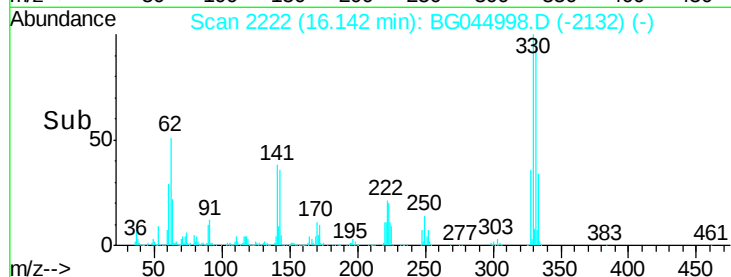
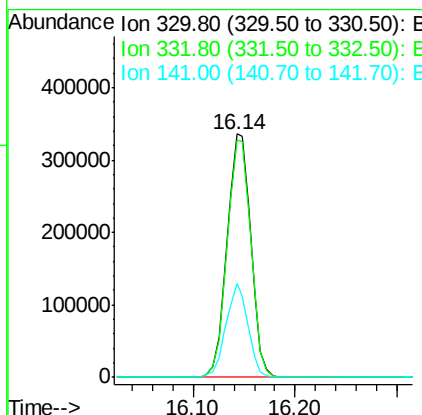
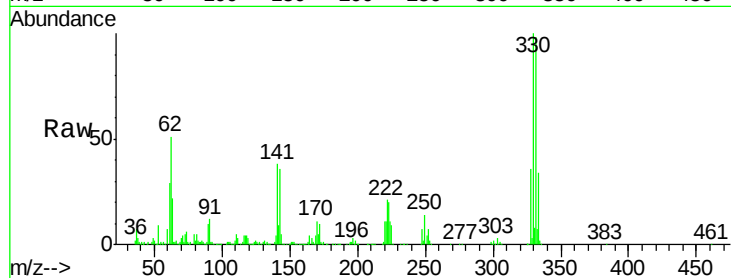




#42
 2,4,6-Tribromophenol
 Concen: 152.119 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG044998.D
 Acq: 16 Apr 2020 1:35

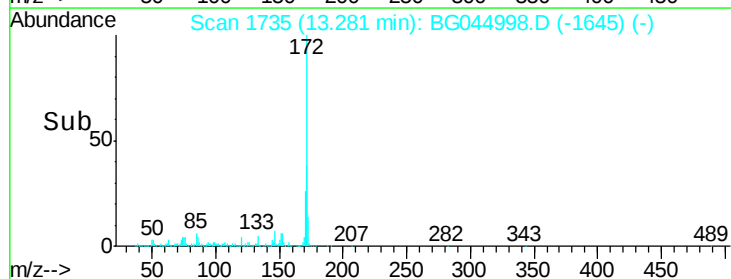
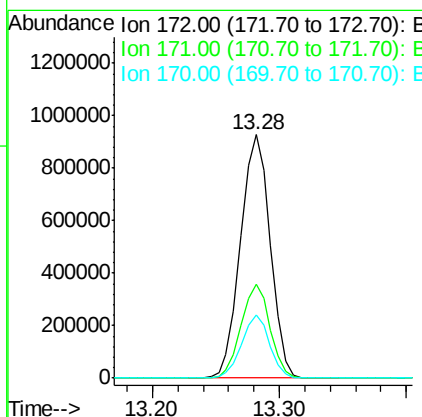
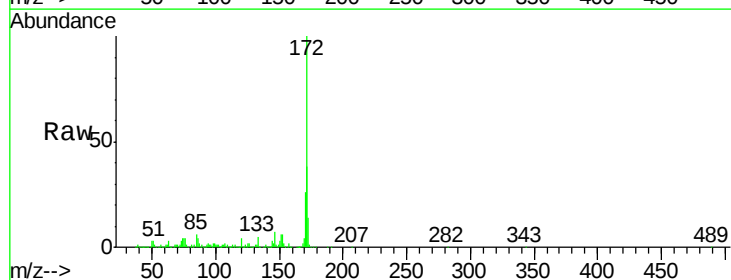
Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

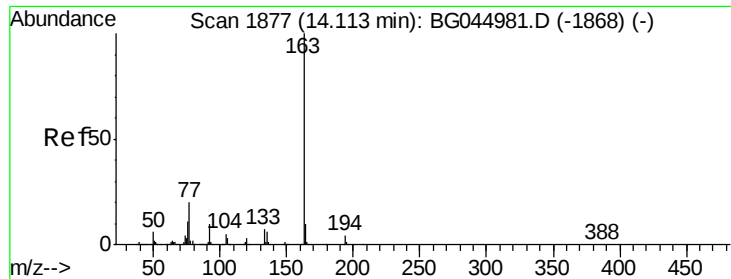
Tot Ion:330 Resp: 543605
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.1 118.7
 141 35.6 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 95.395 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG044998.D
 Acq: 16 Apr 2020 1:35

Tgt Ion:172 Resp: 1504883
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.6 46.0
 170 25.7 20.5 30.7

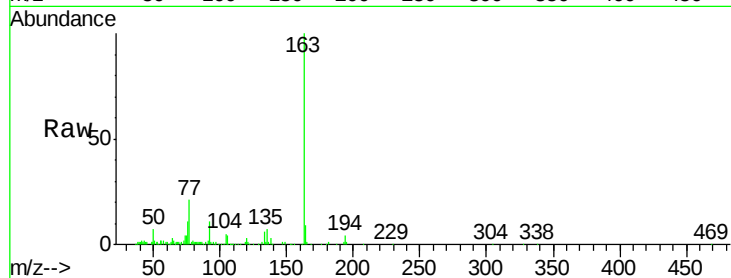




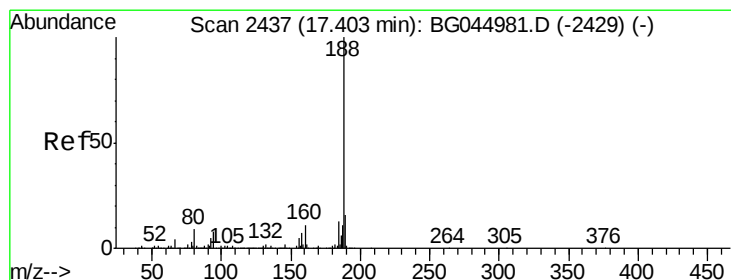
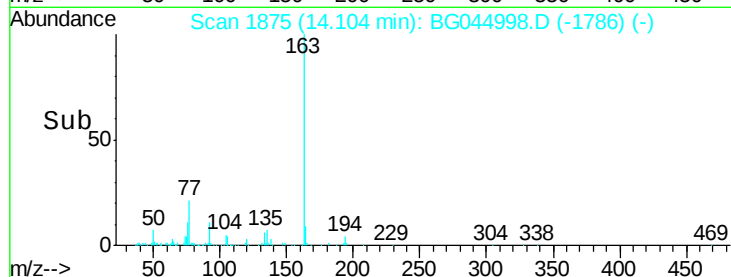
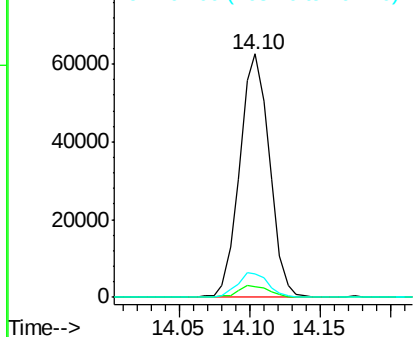
#50
Dimethylphthalate
Concen: 4.905 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:163 Resp: 92393
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.4 8.2 12.4

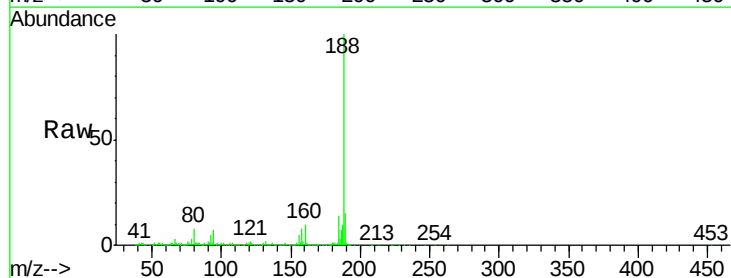


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

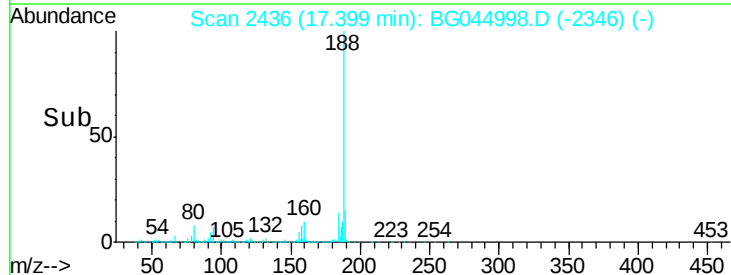
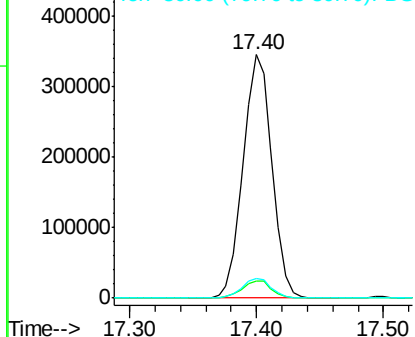


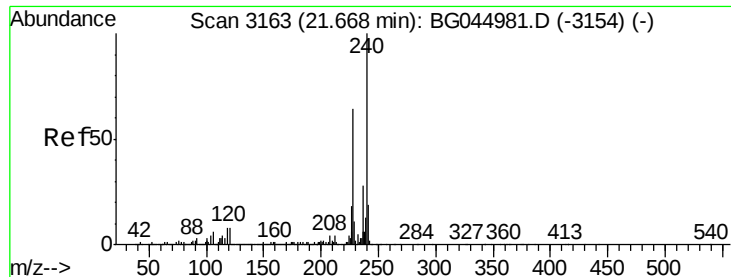
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044998.D
Acq: 16 Apr 2020 1:35

Tgt Ion:188 Resp: 543522
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.4
80 8.1 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-2

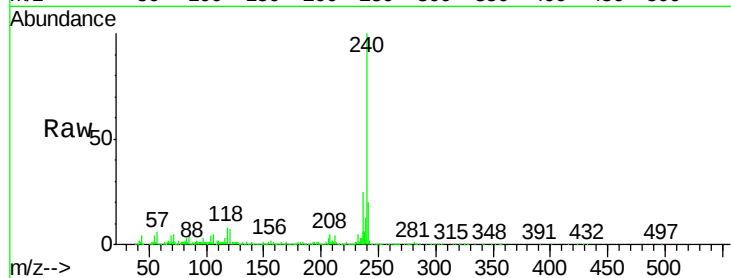
Tot Ion:240 Resp: 485403

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

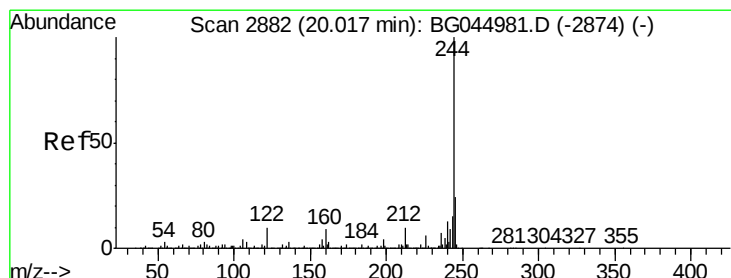
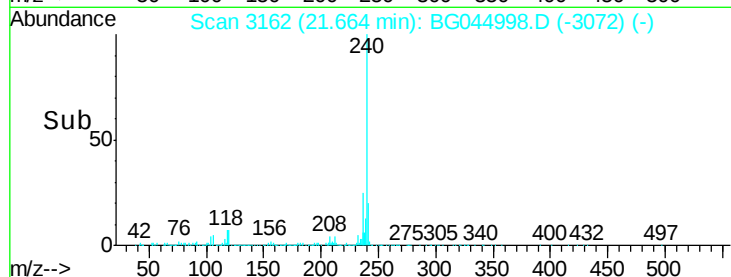
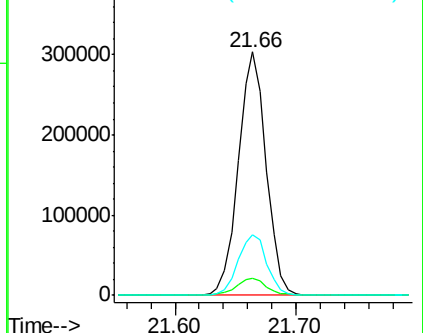
236 24.9 22.2 33.2



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: 106.978 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

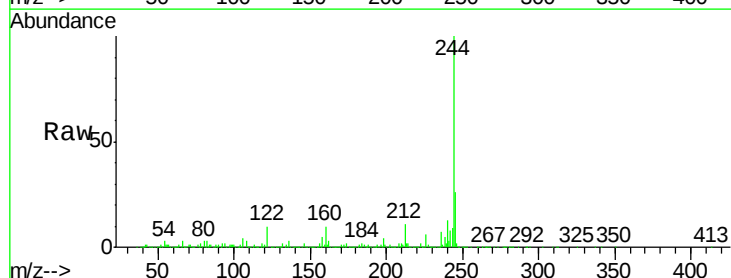
Tgt Ion:244 Resp: 2382475

Ion Ratio Lower Upper

244 100

212 10.6 7.9 11.9

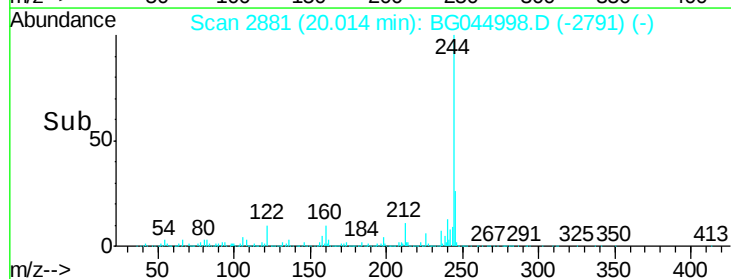
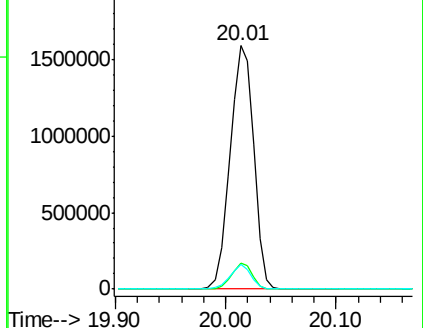
122 9.9 7.7 11.5

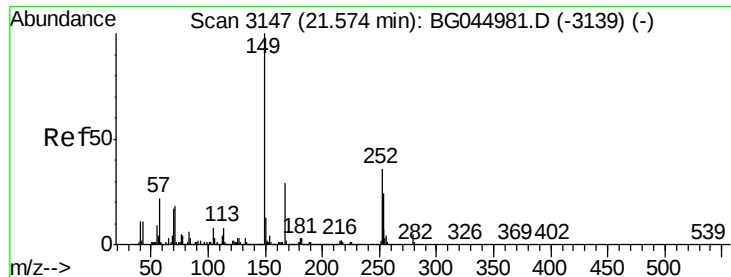


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.523 ng

RT: 21.56 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR-2

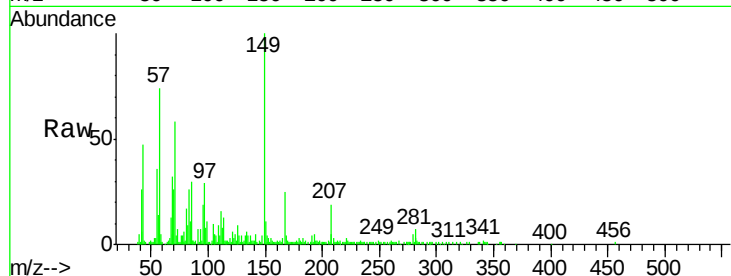
Tot Ion:149 Resp: 48137

Ion Ratio Lower Upper

149 100

167 24.8 23.4 35.0

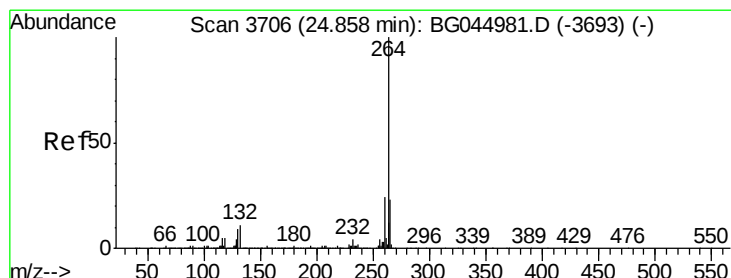
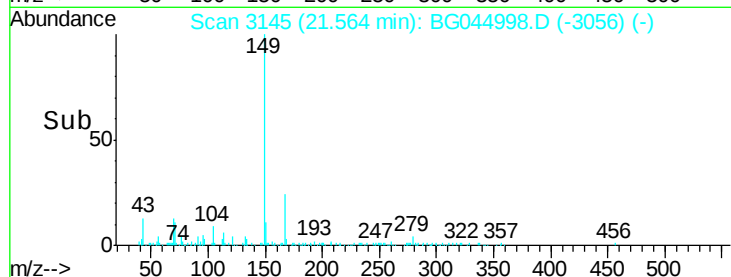
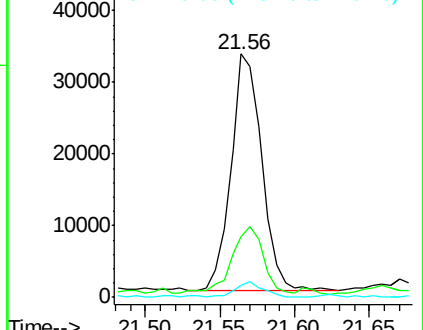
279 5.1 4.3 6.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044998.D

Acq: 16 Apr 2020 1:35

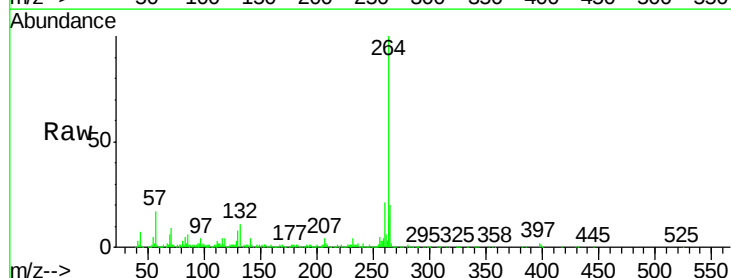
Tgt Ion:264 Resp: 516345

Ion Ratio Lower Upper

264 100

260 21.5 19.2 28.8

265 19.7 19.0 28.4



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

