

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044950.D
 Acq On : 25 Mar 2020 5:18
 Operator : CG/JU
 Sample : L2006-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL-WATER-SEPERATOR

Quant Time: Mar 25 10:26:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

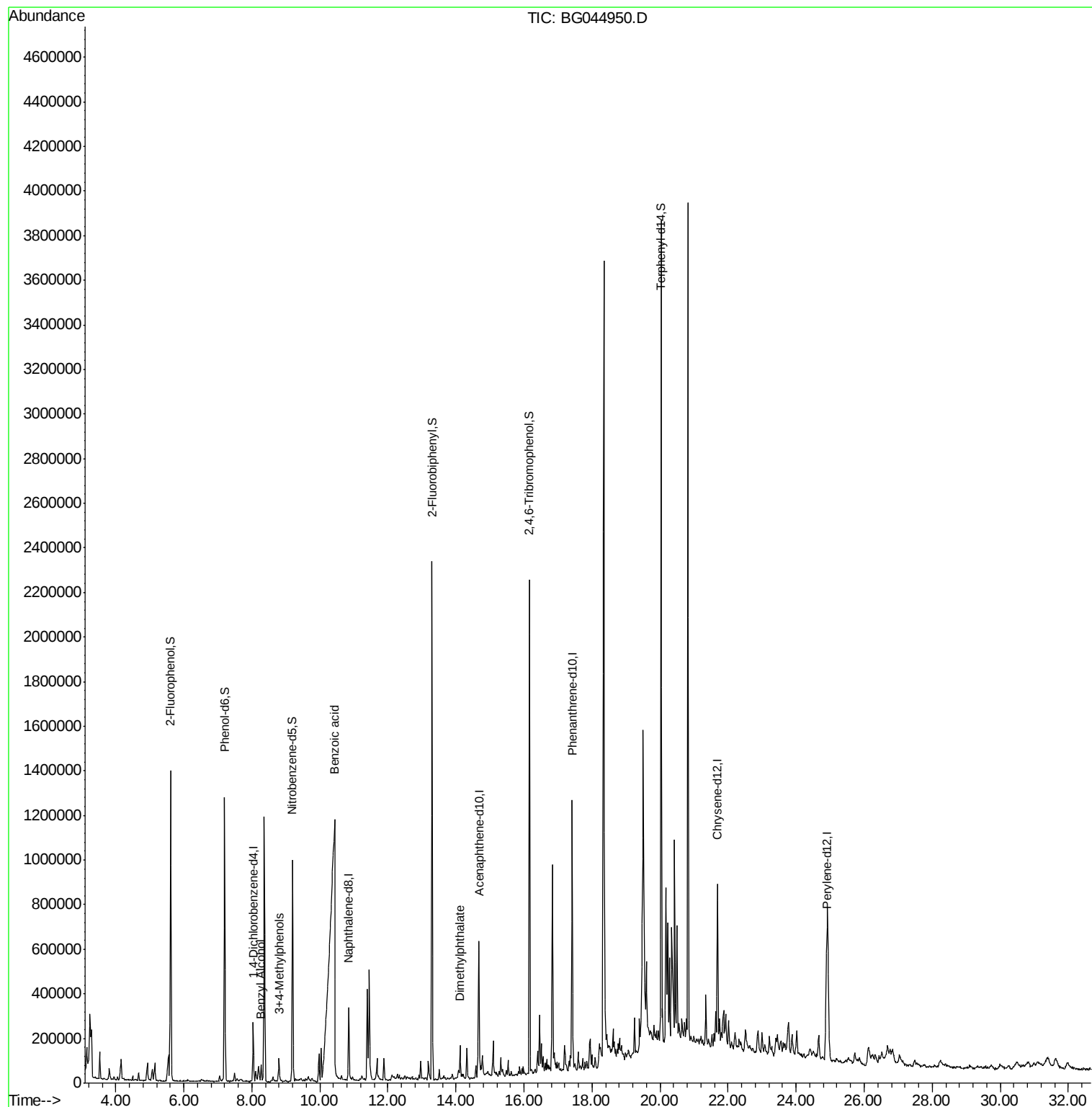
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75717	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	280691	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	184255	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	406907	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	412913	20.00	ng	-0.01
87) Perylene-d12	24.89	264	455163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	621653	127.81	ng	0.00
7) Phenol-d6	7.20	99	796188	112.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	636843	99.56	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	420793	174.42	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1206954	93.80	ng	0.00
79) Terphenyl-d14	20.03	244	1680233	76.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	17170	3.028	ng	91
20) 3+4-Methylphenols	8.80	107	44992	6.887	ng	85
32) Benzoic acid	10.44	122	2192872	562.565	ng	97
50) Dimethylphthalate	14.12	163	96141	6.551	ng	98

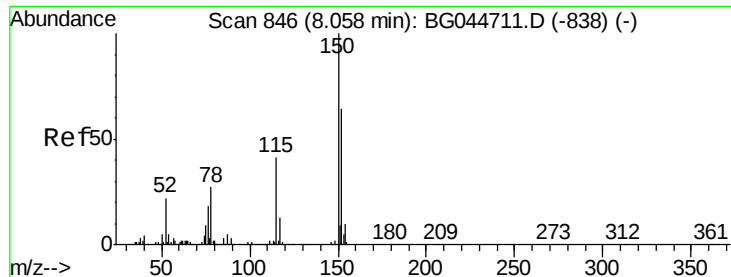
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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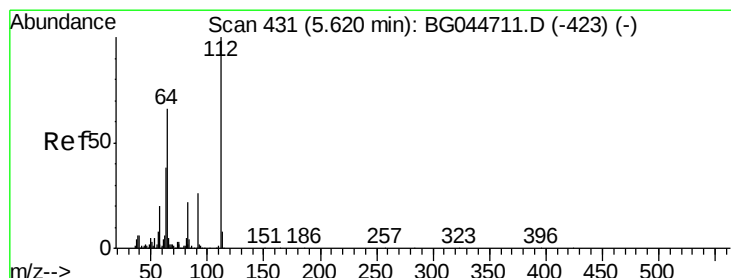
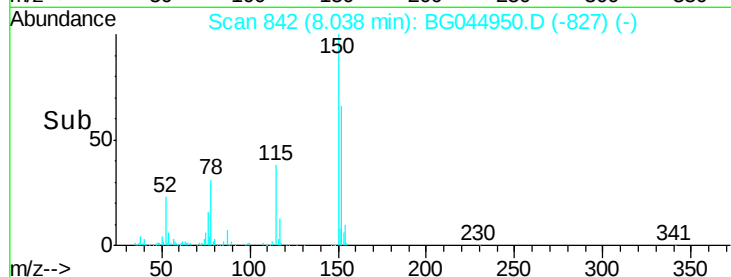
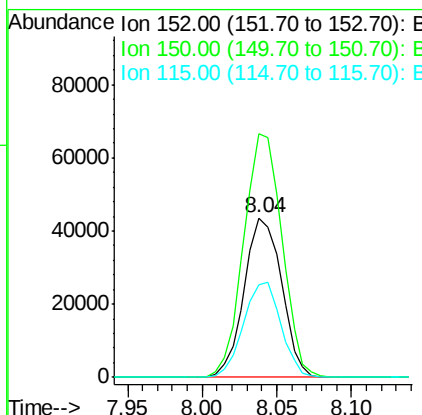
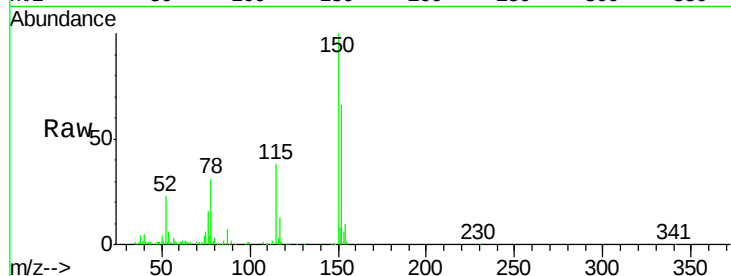


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR

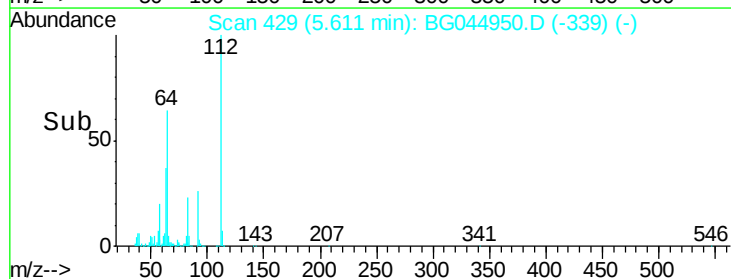
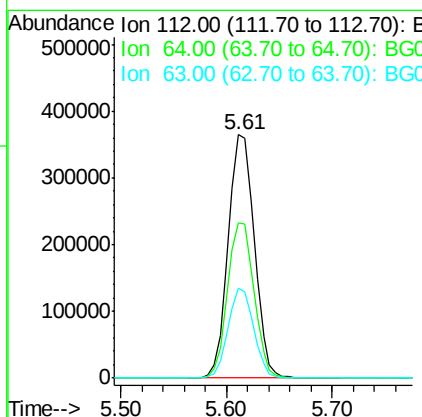
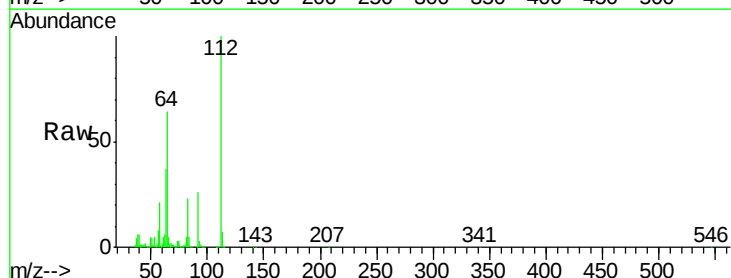
Tot Ion:152 Resp: 75717
Ion Ratio Lower Upper
152 100
150 152.4 128.8 193.2
115 58.0 52.6 79.0

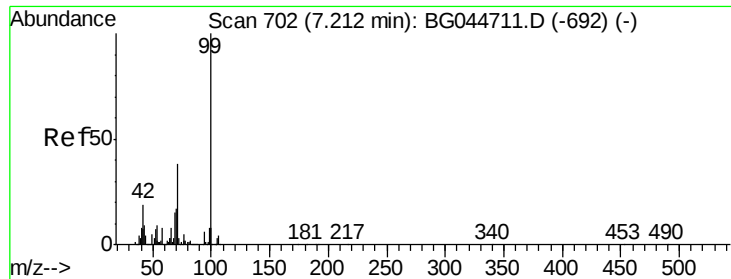


#5

2-Fluorophenol
Concen: 127.808 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Tgt Ion:112 Resp: 621653
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 36.7 29.4 44.2





#7

Phenol-d6

Concen: 112.663 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

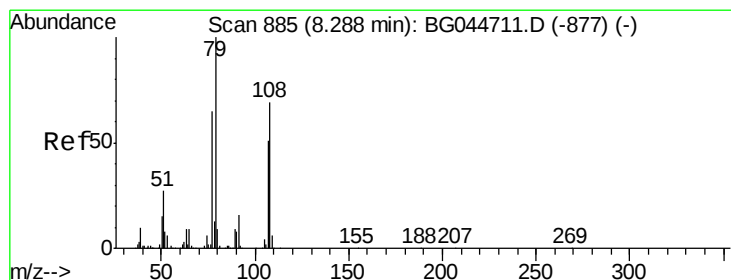
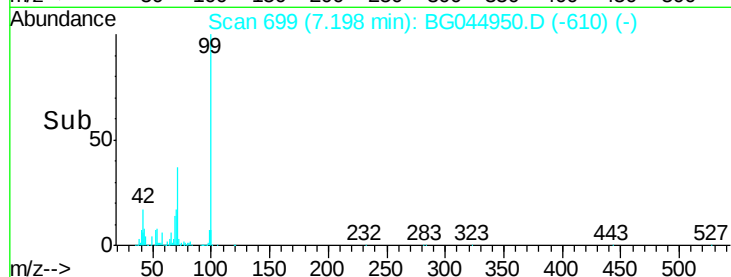
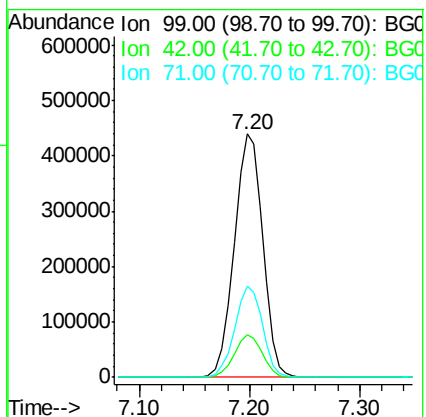
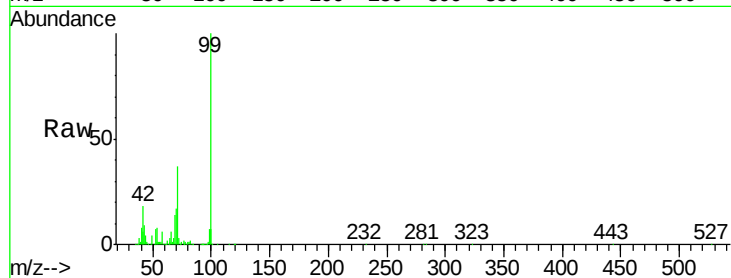
Tot Ion: 99 Resp: 796188

Ion Ratio Lower Upper

99 100

42 17.5 12.6 19.0

71 37.4 29.0 43.4



#15

Benzyl Alcohol

Concen: 3.028 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

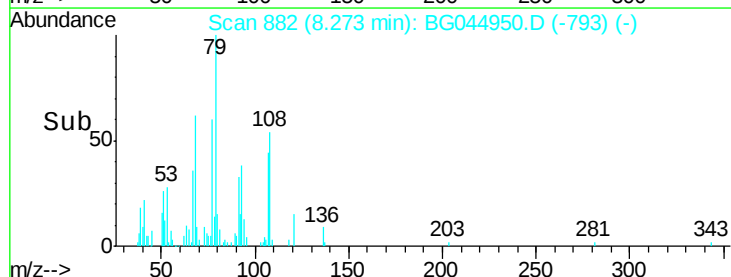
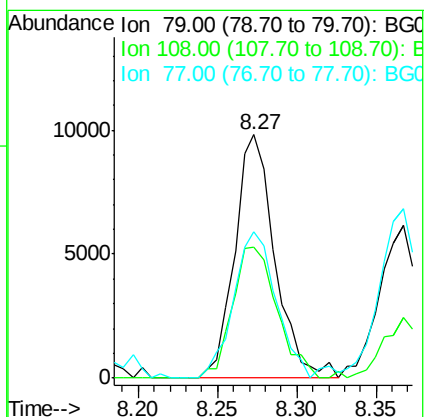
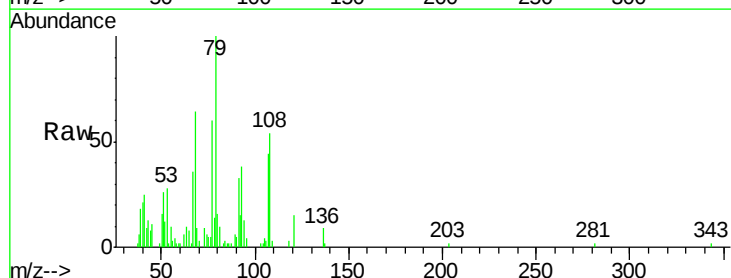
Tgt Ion: 79 Resp: 17170

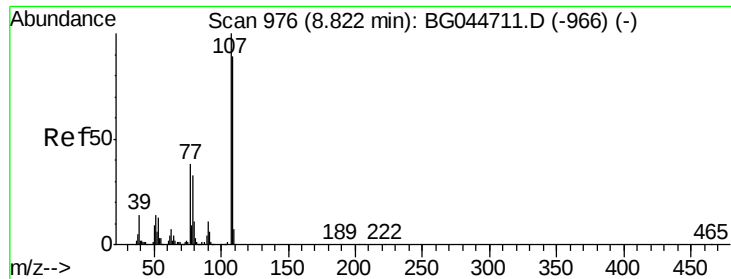
Ion Ratio Lower Upper

79 100

108 53.9 53.8 80.8

77 59.9 47.8 71.8

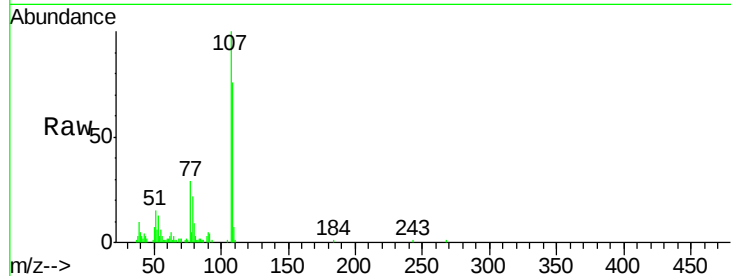




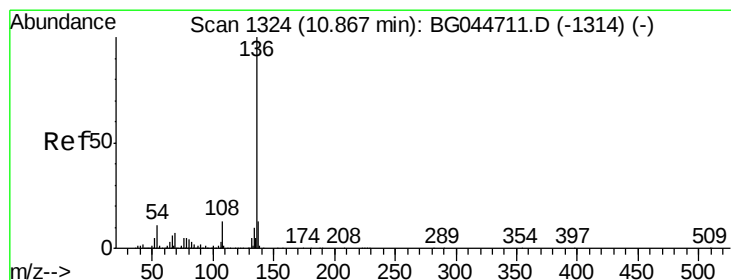
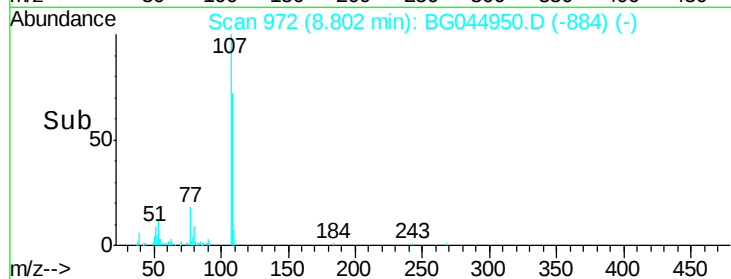
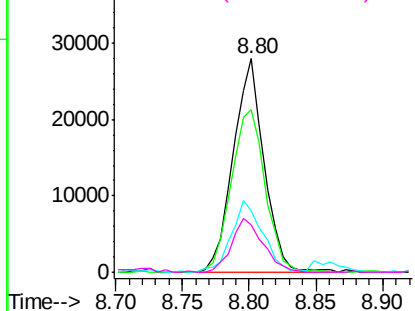
#20
3+4-Methylphenols
Concen: 6.887 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:107	Resp:	44992
Ion Ratio	Lower	Upper
107	100	
108	75.9	71.3 111.3
77	28.9	16.9 56.9
79	22.0	9.7 49.7

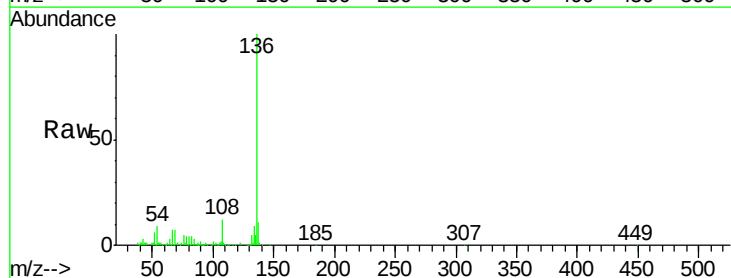


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

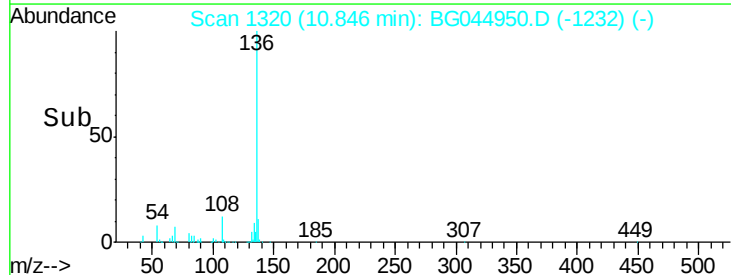
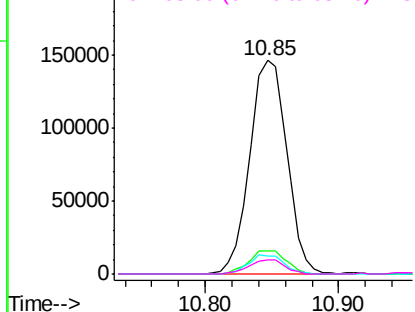


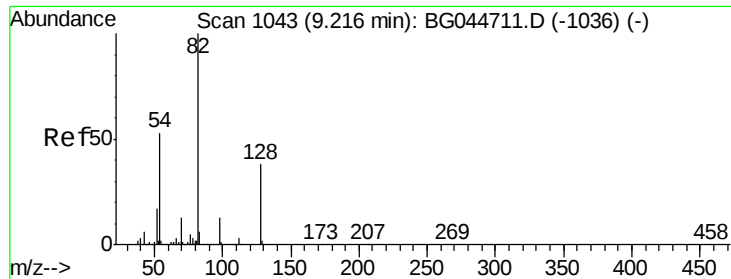
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Tgt Ion:136	Resp:	280691
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	8.6	7.9 11.9
68	6.8	5.4 8.0



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

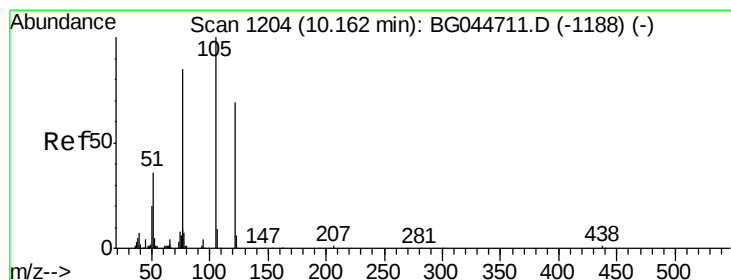
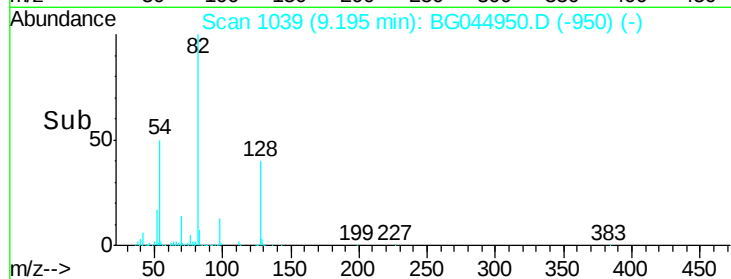
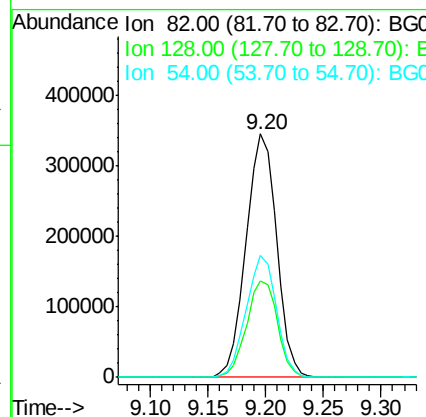
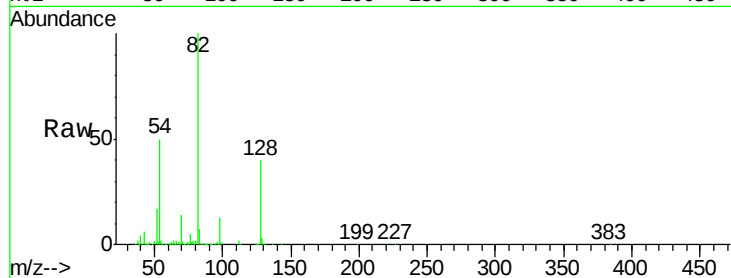




#23
Nitrobenzene-d5
Concen: 99.560 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

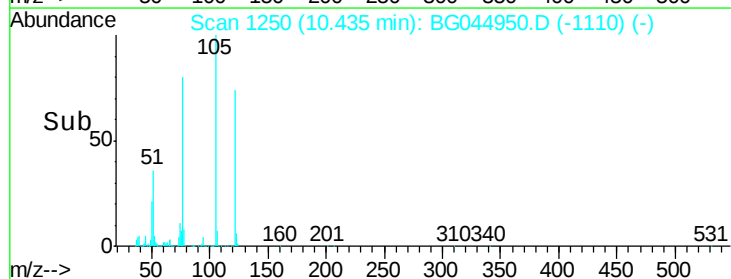
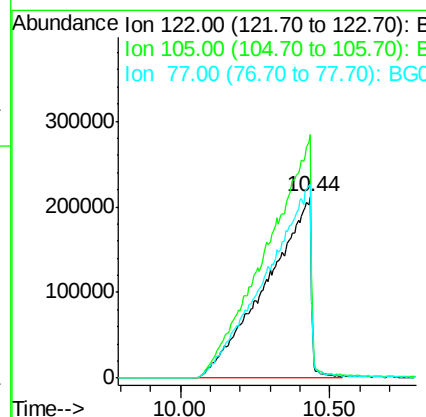
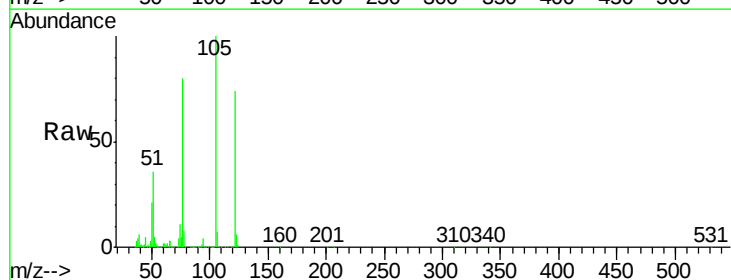
Instrument :
BNA_G
ClientSampleId :
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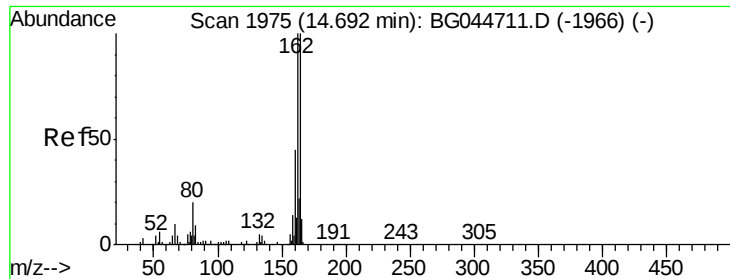
Tot Ion	82	Resp	636843
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.6	46.0
54	50.3	37.1	55.7



#32
Benzoic acid
Concen: 562.565 ng
RT: 10.44 min Scan# 1250
Delta R.T. 0.29 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Tgt Ion	122	Resp	2192872
Ion Ratio	Lower	Upper	
122	100		
105	134.3	109.1	149.1
77	106.8	85.3	125.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

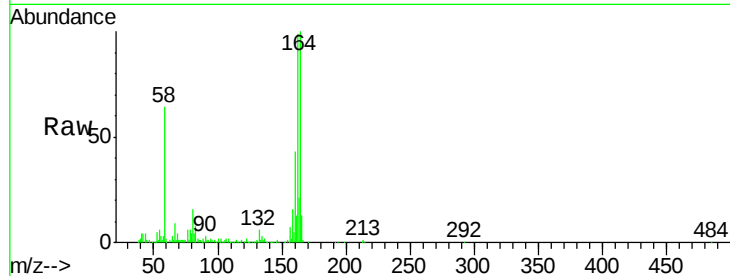
Tot Ion:164 Resp: 184255

Ion Ratio Lower Upper

164 100

162 99.2 76.7 115.1

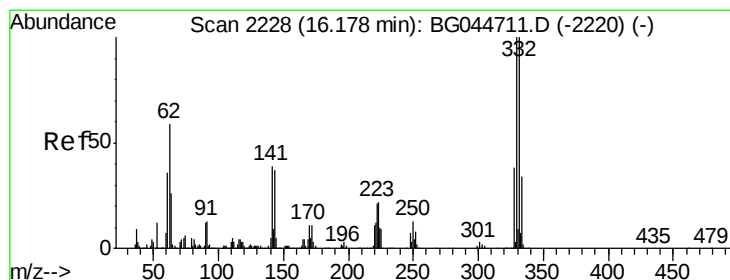
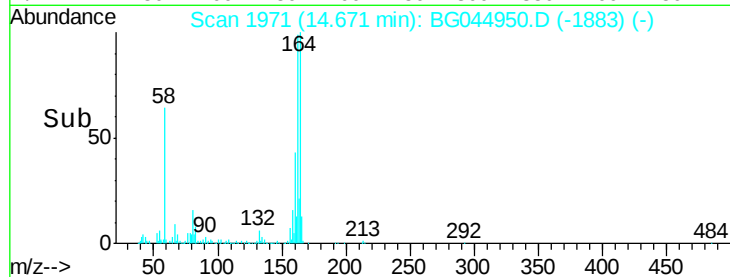
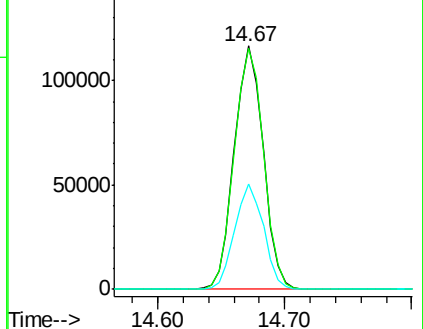
160 43.2 35.0 52.4



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: 174.419 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

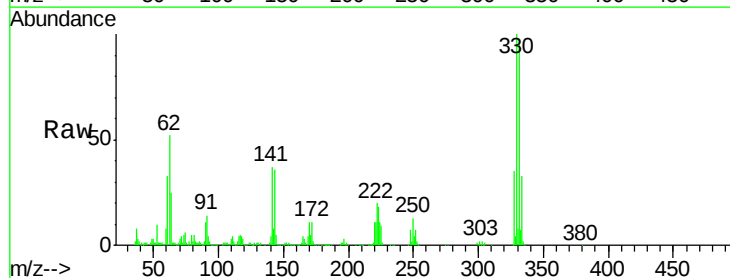
Tgt Ion:330 Resp: 420793

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

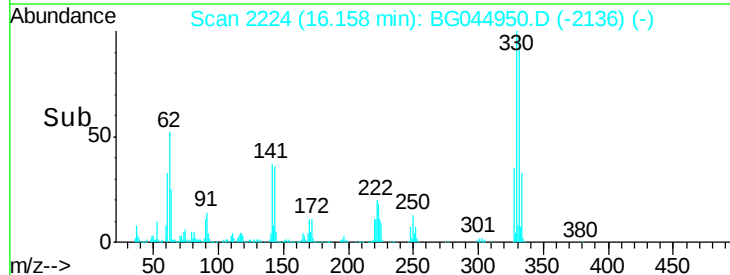
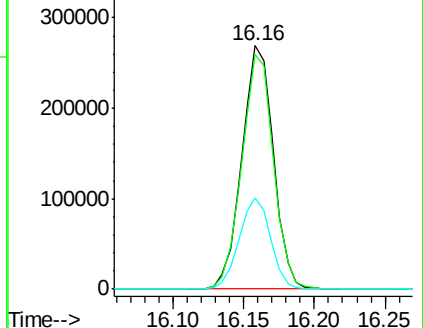
141 37.6 29.5 44.3

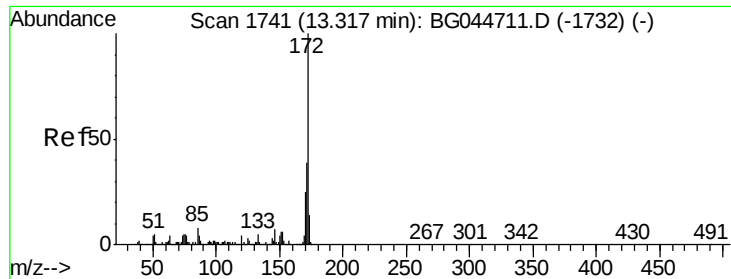


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

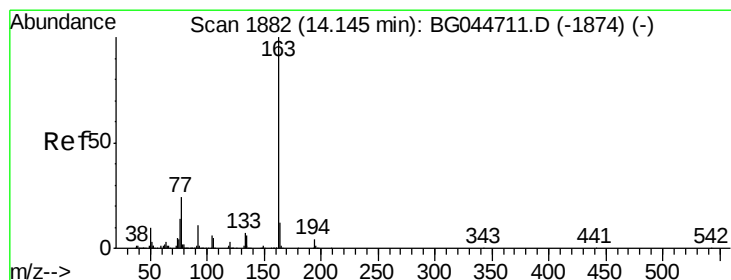
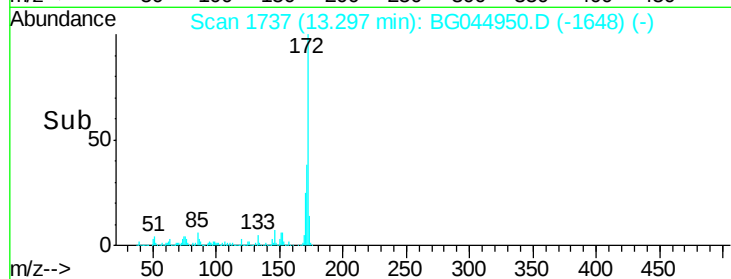
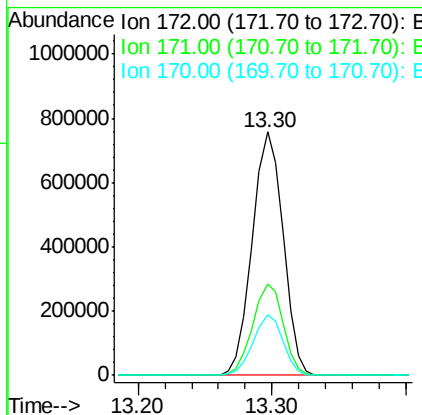
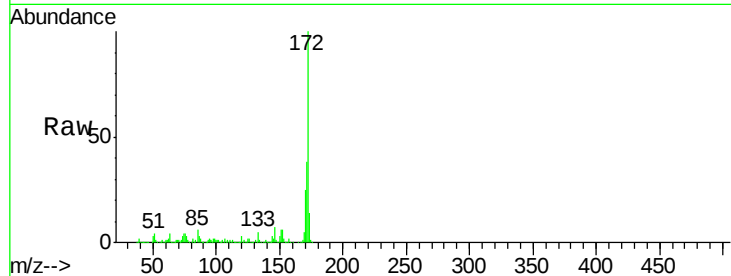




#45
2-Fluorobiphenyl
Concen: 93.805 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

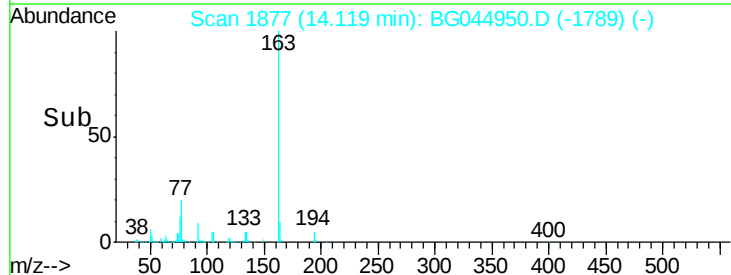
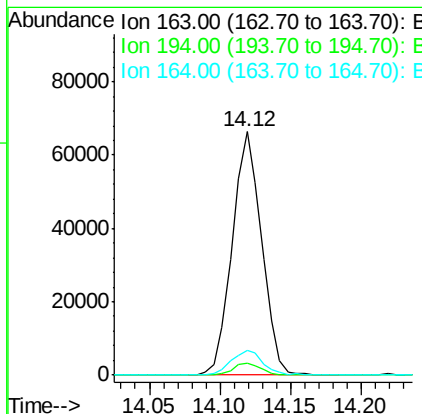
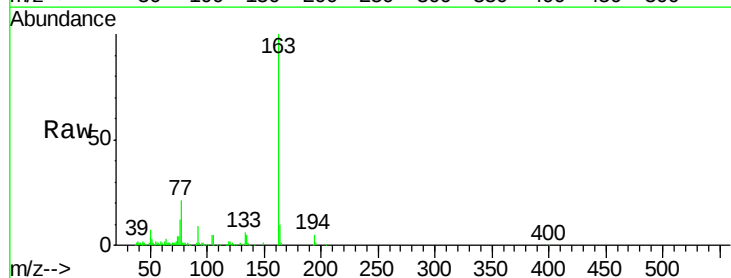
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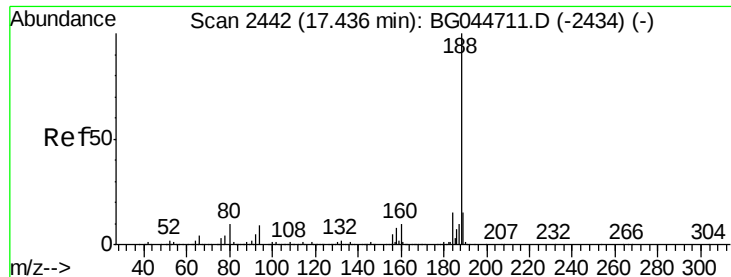
Tot Ion:172 Resp: 1206954
Ion Ratio Lower Upper
172 100
171 37.8 28.7 43.1
170 24.9 19.0 28.6



#50
Dimethylphthalate
Concen: 6.551 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Tgt Ion:163 Resp: 96141
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 10.4 9.1 13.7

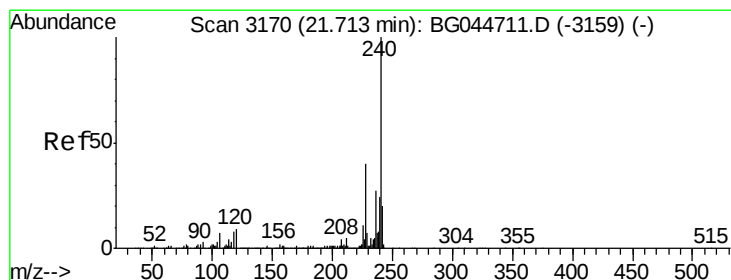
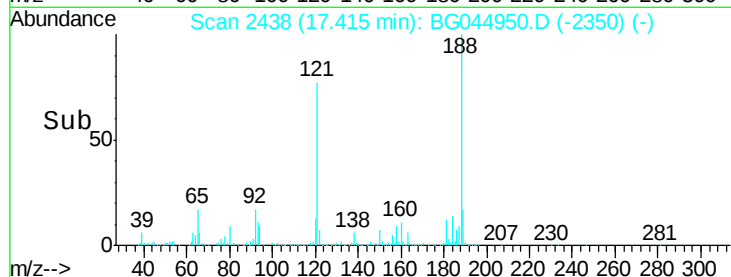
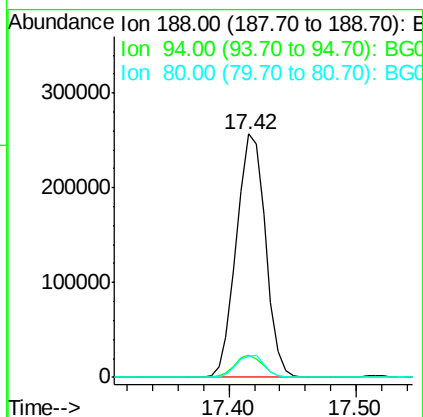
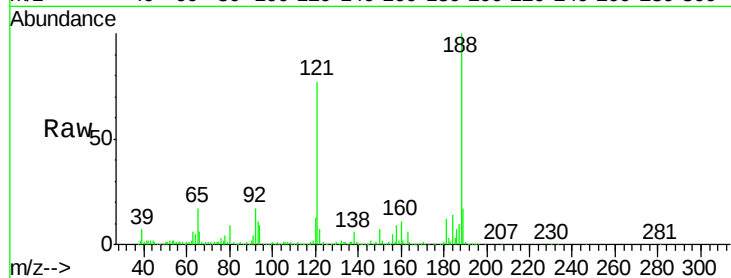




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

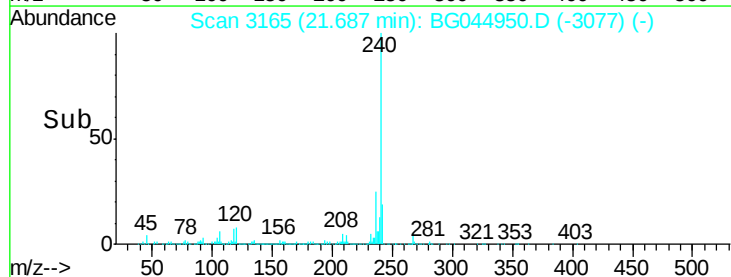
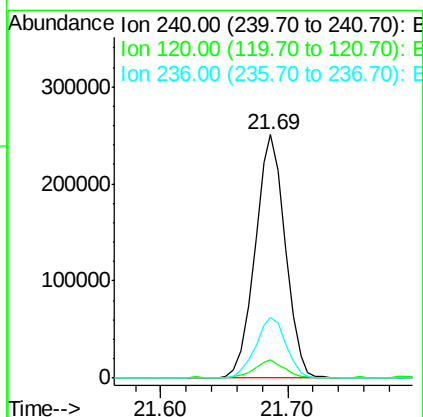
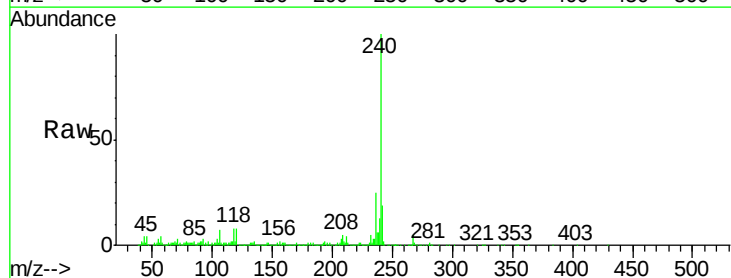
Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPARATOR

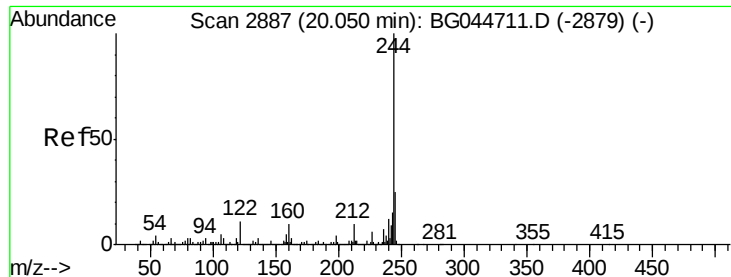
Tot Ion:188 Resp: 406907
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044950.D
Acq: 25 Mar 2020 5:18

Tgt Ion:240 Resp: 412913
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 25.0 21.5 32.3





#79

Terphenyl-d14

Concen: 76.117 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

Instrument :

BNA_G

ClientSampleId :

OIL-WATER-SEPARATOR

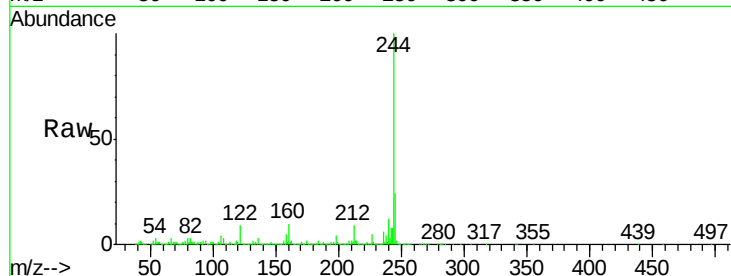
Tot Ion:244 Resp: 1680233

Ion Ratio Lower Upper

244 100

212 9.2 7.7 11.5

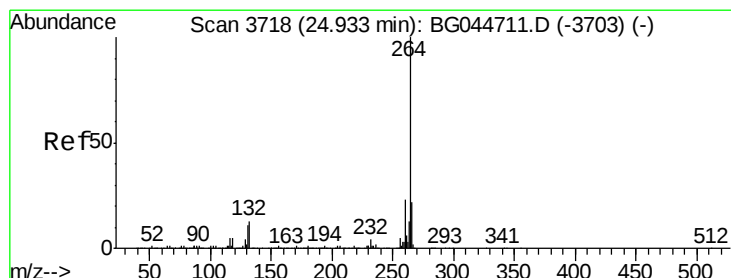
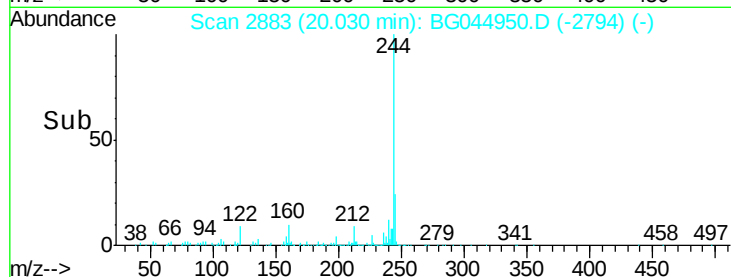
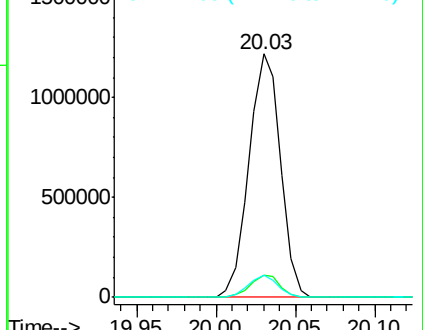
122 9.1 8.6 12.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044950.D

Acq: 25 Mar 2020 5:18

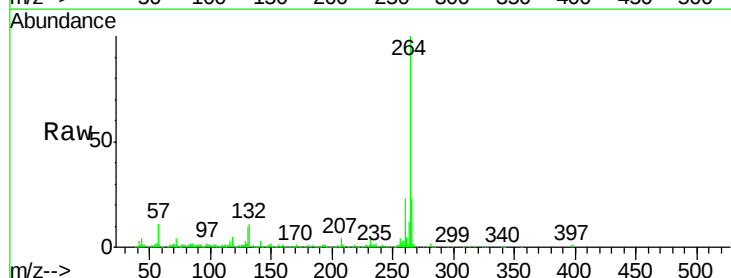
Tgt Ion:264 Resp: 455163

Ion Ratio Lower Upper

264 100

260 23.2 18.1 27.1

265 23.4 17.1 25.7



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

