

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119723.D
 Acq On : 3 Apr 2020 17:02
 Operator : MA/SJ
 Sample : L2109-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-1

Quant Time: Apr 03 17:33:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

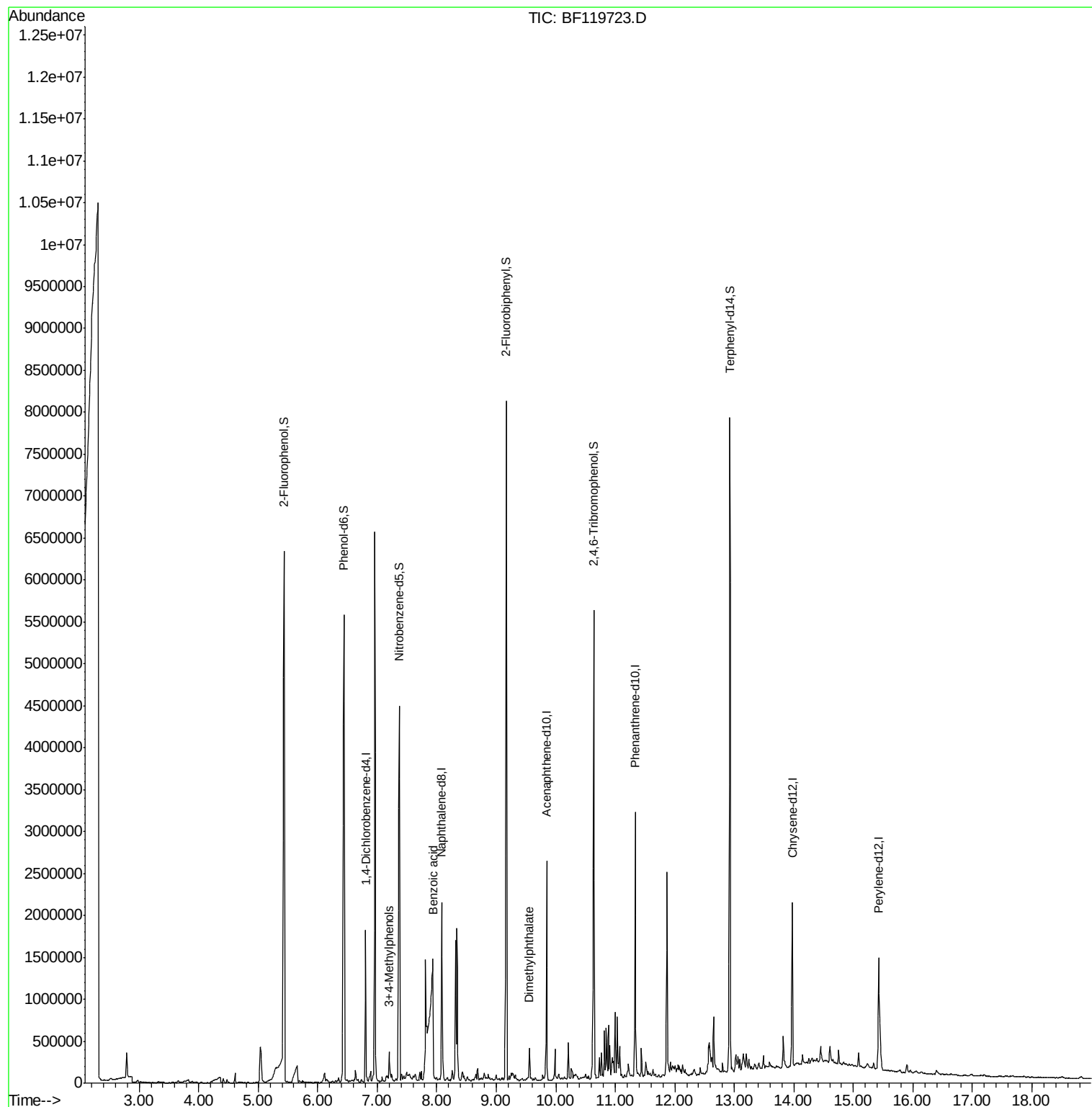
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	240643	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	929387	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	479717	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	901457	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	672380	20.00	ng	-0.02
87) Perylene-d12	15.43	264	573186	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2010179	132.98	ng	0.02
7) Phenol-d6	6.44	99	2480004	128.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	1705054	99.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	785656	158.75	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2984234	92.16	ng	-0.01
79) Terphenyl-d14	12.93	244	3358081	97.85	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.20	107	77015	4.320	ng	Qvalue # 77
32) Benzoic acid	7.95	122	1385074	144.716	ng	98
50) Dimethylphthalate	9.56	163	133484	3.917	ng	100

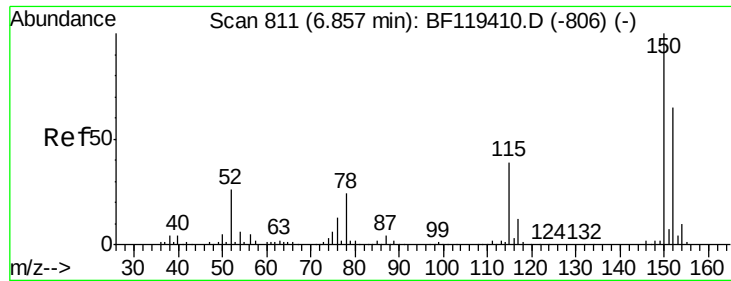
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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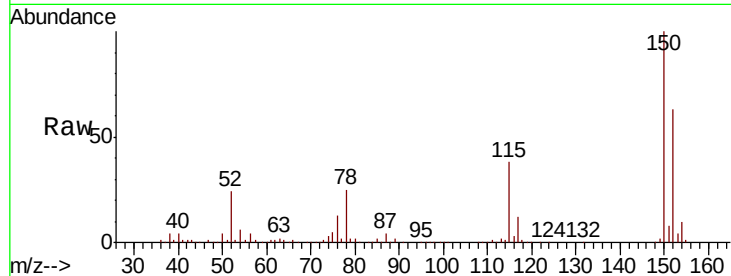


#1

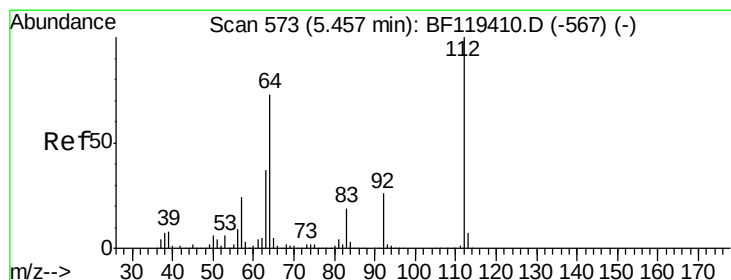
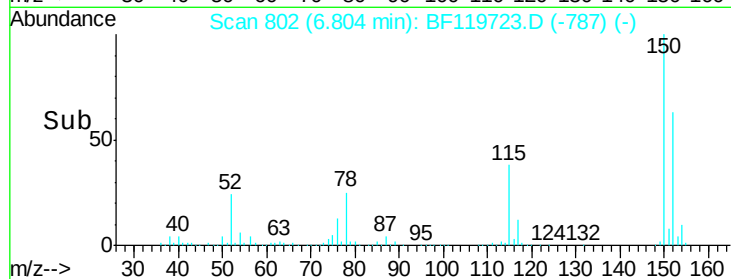
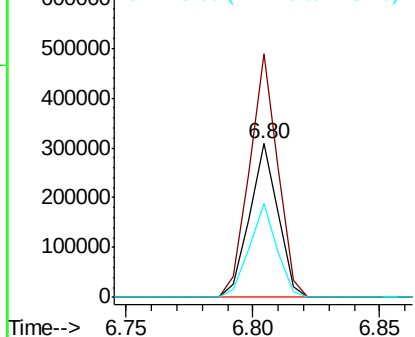
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-1

Tot Ion:152 Resp: 240643
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 60.7 49.6 74.4



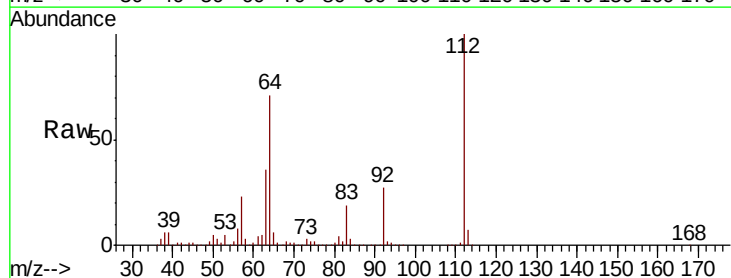
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



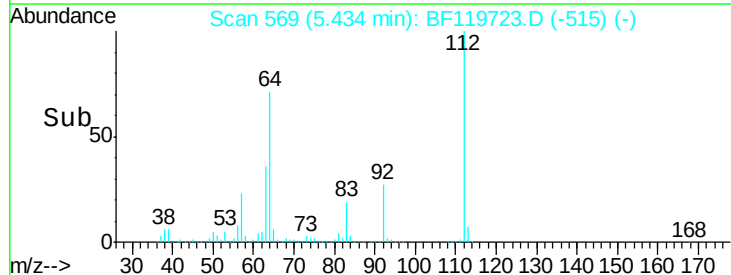
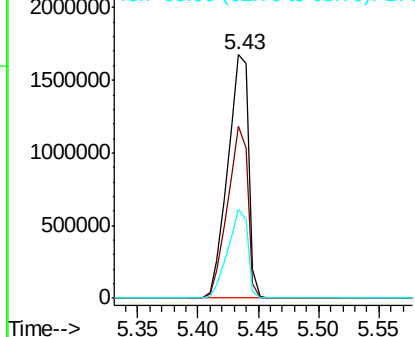
#5

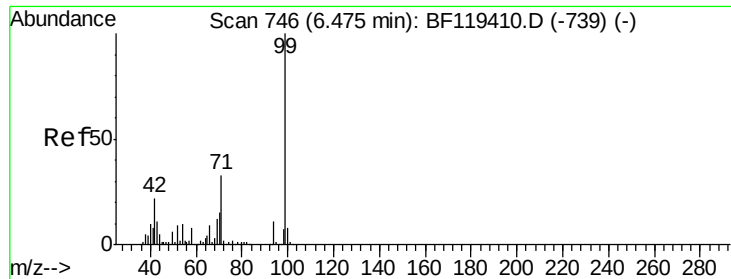
2-Fluorophenol
Concen: 132.978 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Tgt Ion:112 Resp: 2010179
Ion Ratio Lower Upper
112 100
64 70.6 56.7 85.1
63 36.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 128.428 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-1

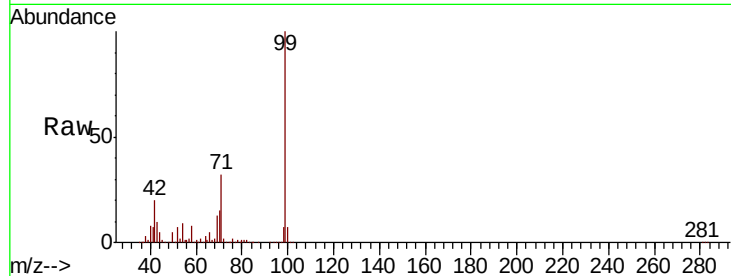
Tot Ion: 99 Resp: 2480004

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.5 26.4 39.6

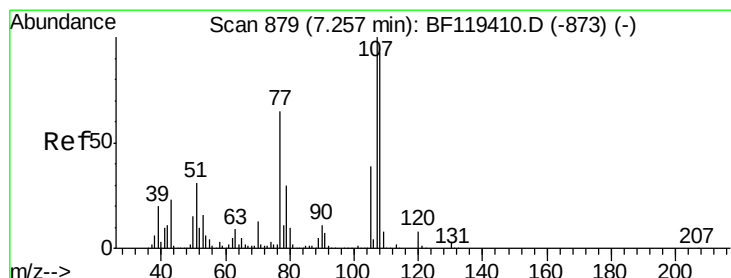
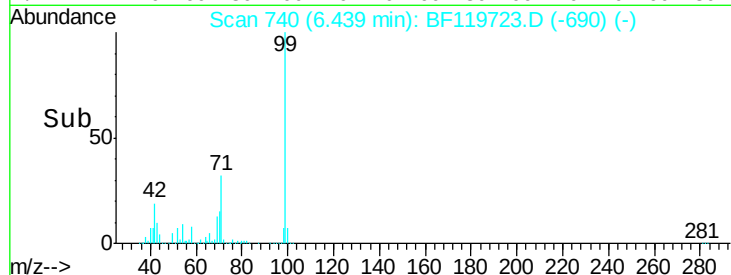
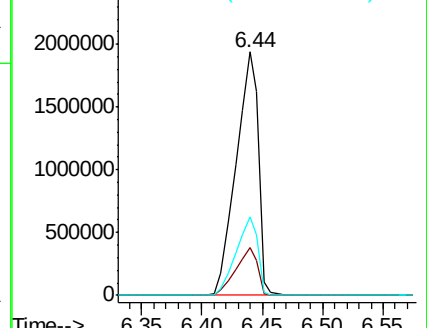


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#20

3+4-Methylphenols

Concen: 4.320 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

Tgt Ion:107 Resp: 77015

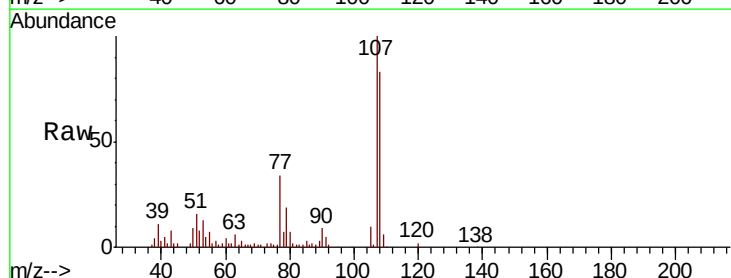
Ion Ratio Lower Upper

107 100

108 82.9 67.9 107.9

77 34.3 52.9 92.9#

79 19.4 7.7 47.7



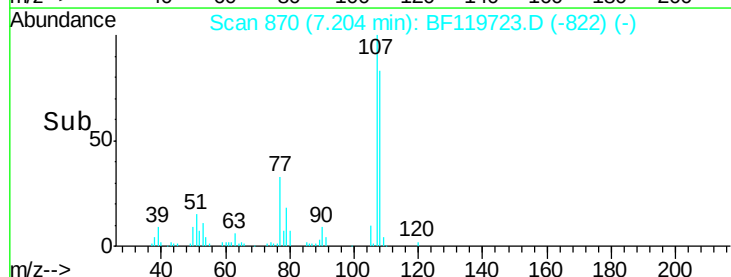
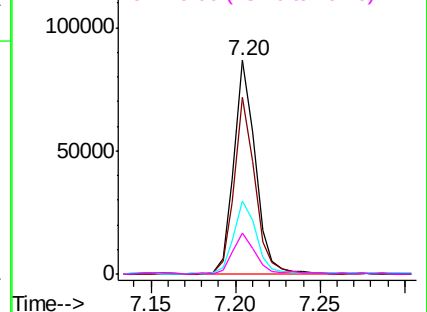
Abundance

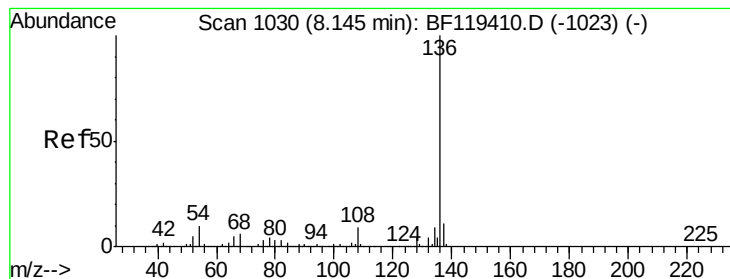
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-1

Tot Ion:136 Resp: 929387

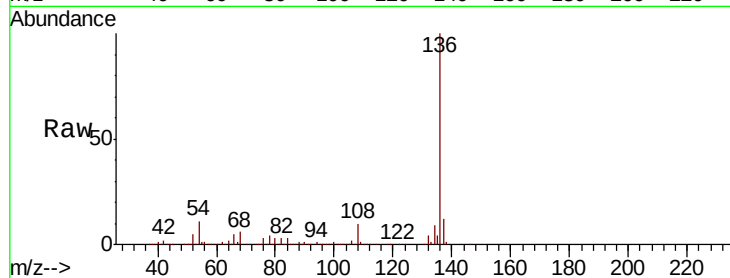
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.6 9.1 13.7

68 5.9 4.6 6.8

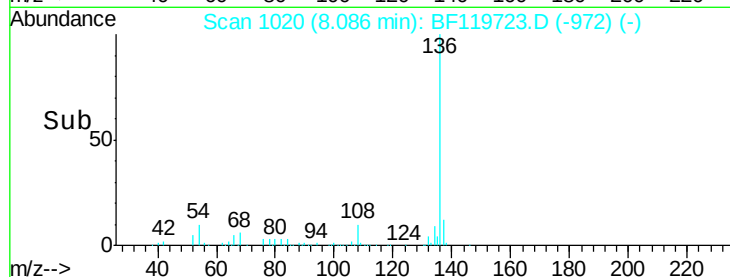


Abundance Ion 136.00 (135.70 to 136.70): E

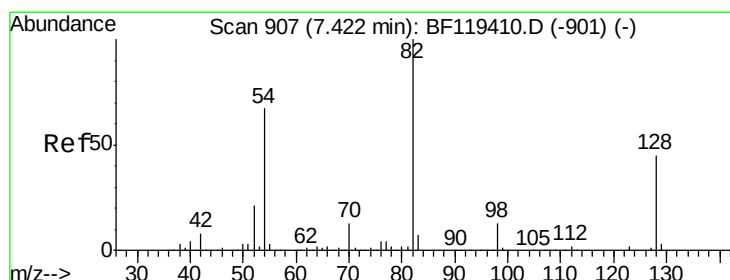
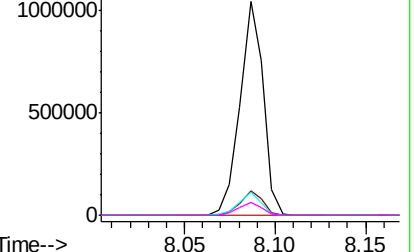
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 99.707 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

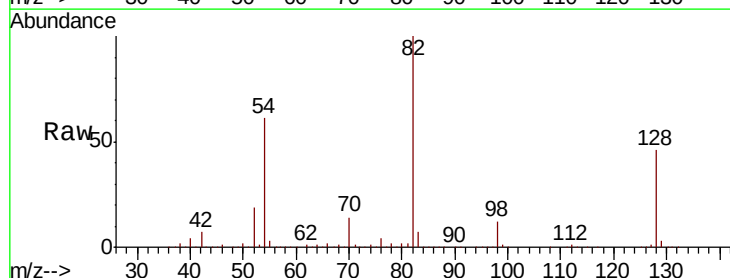
Tgt Ion: 82 Resp: 1705054

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

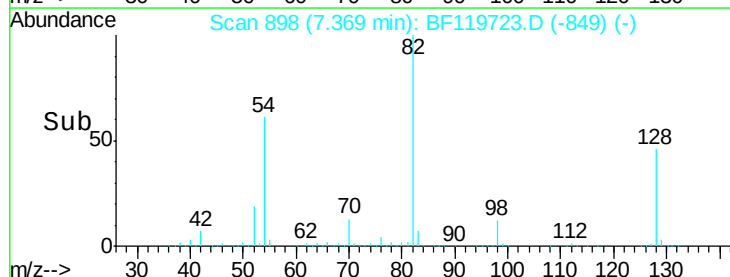
54 61.3 50.6 75.8



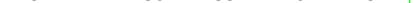
Abundance Ion 82.00 (81.70 to 82.70): BF1

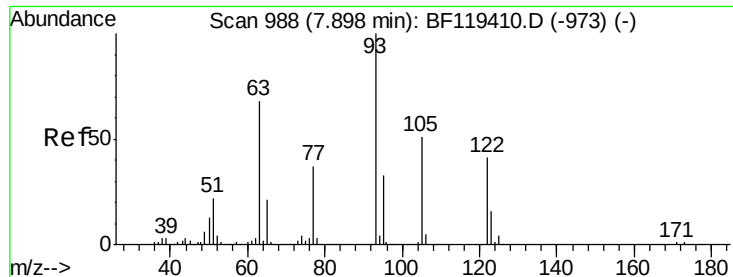
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

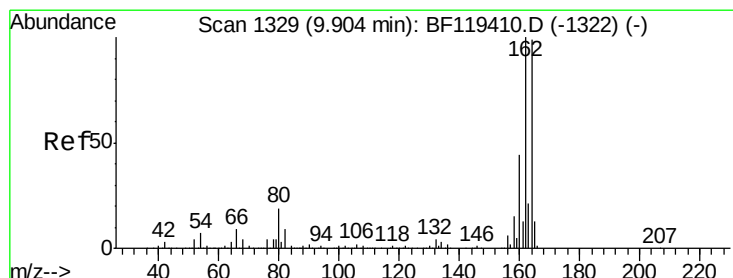
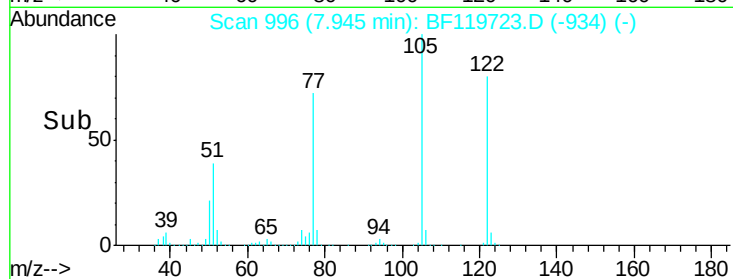
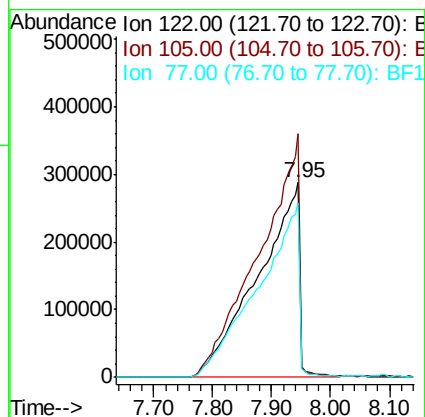
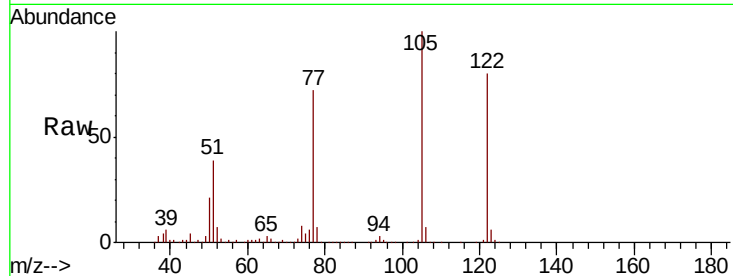




#32
Benzoic acid
Concen: 144.716 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.06 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

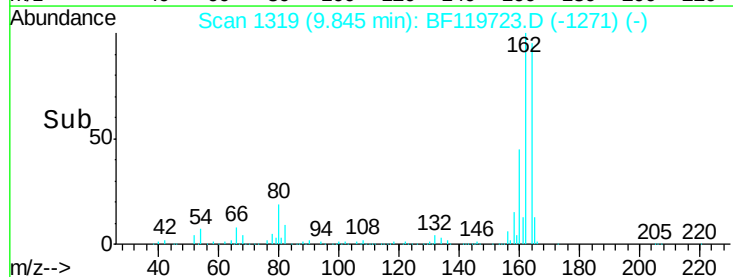
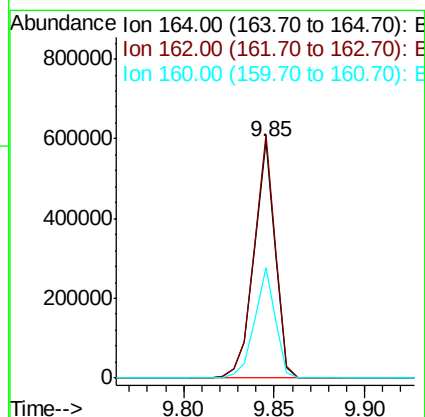
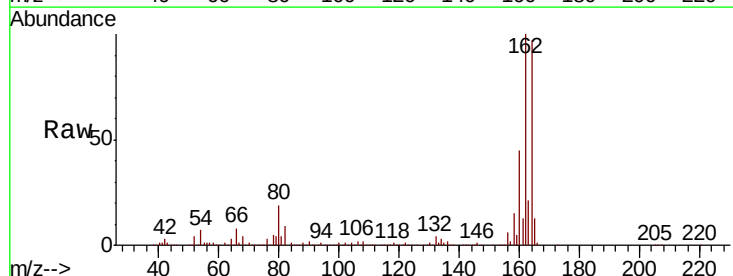
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-1

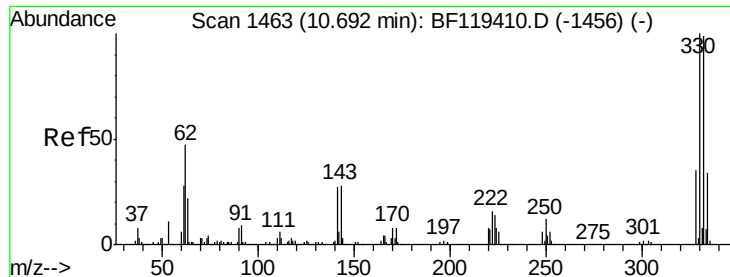
Tot Ion:122 Resp: 1385074
Ion Ratio Lower Upper
122 100
105 125.0 104.9 144.9
77 89.9 74.4 114.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Tgt Ion:164 Resp: 479717
Ion Ratio Lower Upper
164 100
162 102.9 80.6 121.0
160 46.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 158.748 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-1

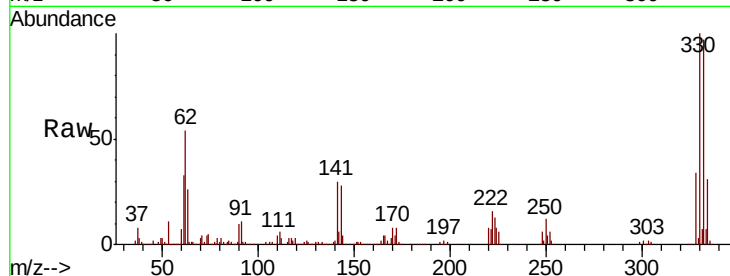
Tot Ion:330 Resp: 785656

Ion Ratio Lower Upper

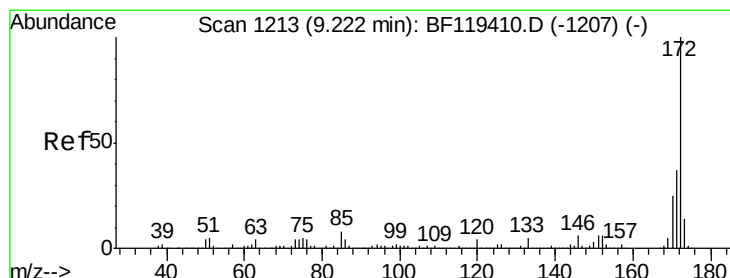
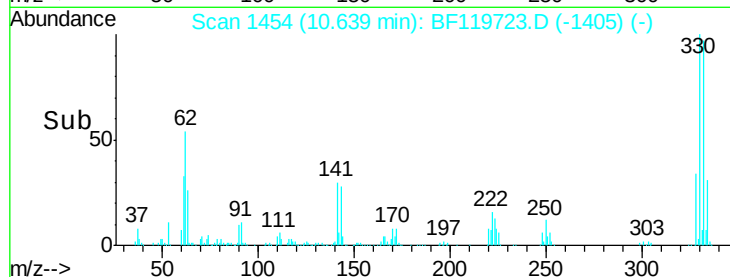
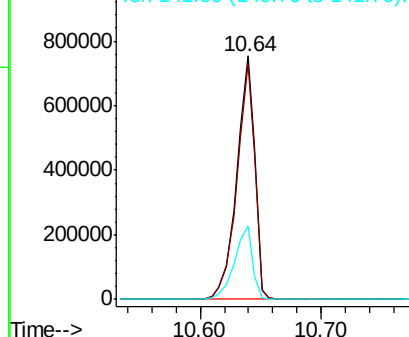
330 100

332 96.3 75.7 113.5

141 30.1 25.4 38.0



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: 92.160 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

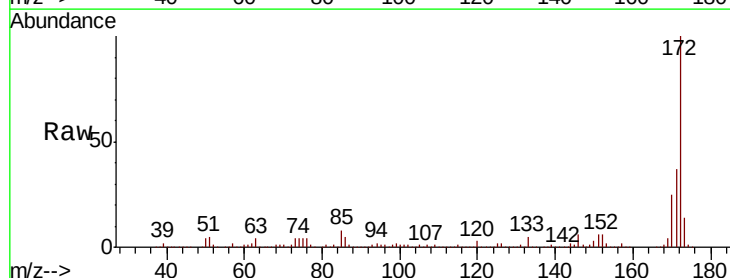
Tgt Ion:172 Resp: 2984234

Ion Ratio Lower Upper

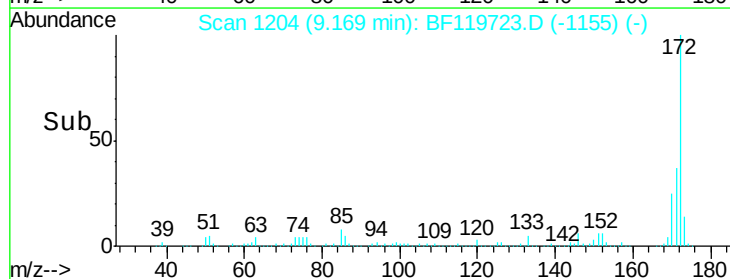
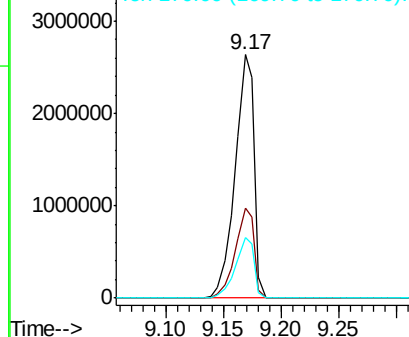
172 100

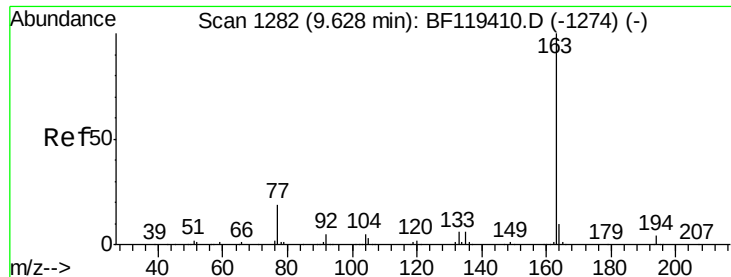
171 37.0 29.6 44.4

170 24.8 20.2 30.2



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

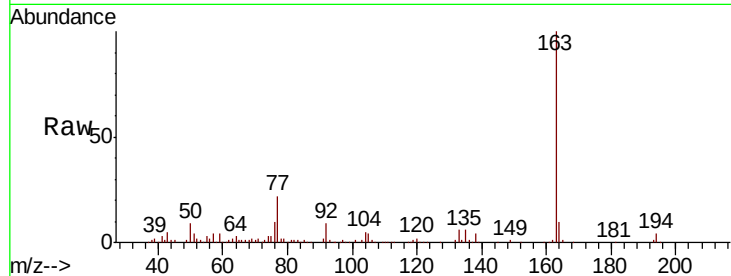




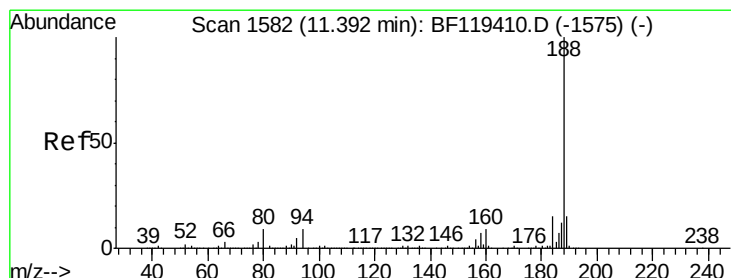
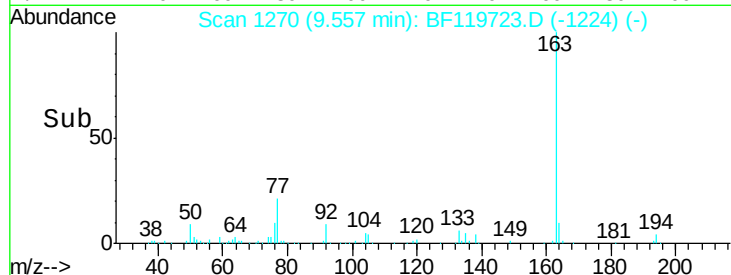
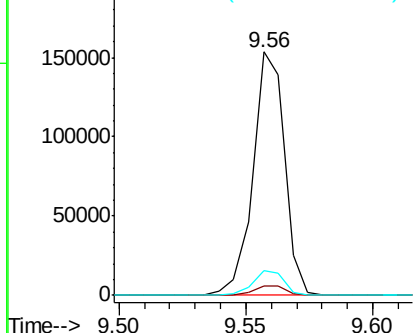
#50
Dimethylphthalate
Concen: 3.917 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Instrument :
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OIL-WATER-SEPARATOR-1

Tot Ion:163 Resp: 133484
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2

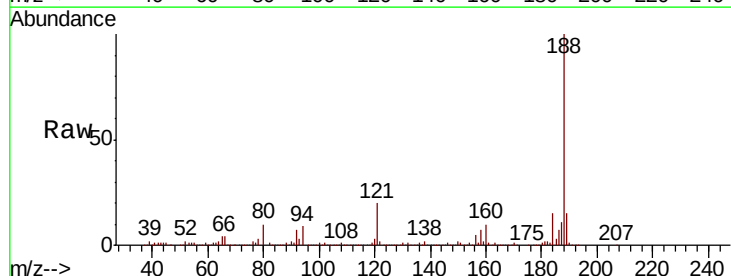


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

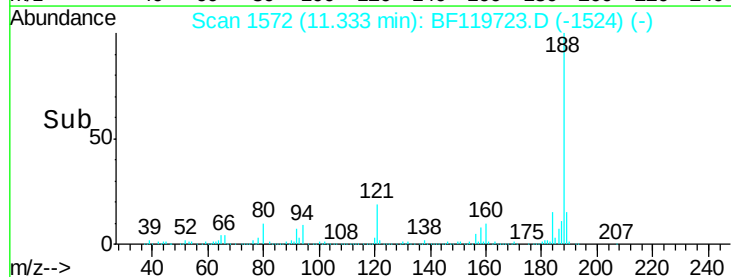
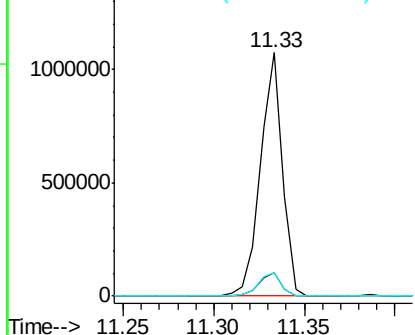


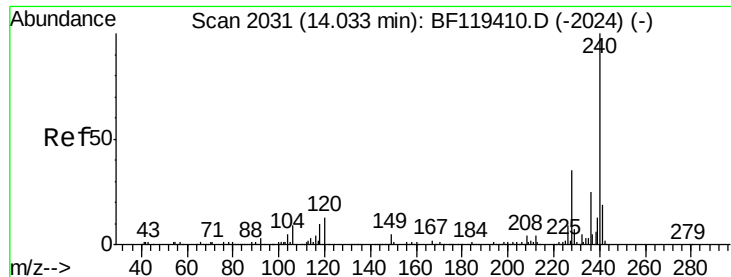
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Tgt Ion:188 Resp: 901457
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.7 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-1

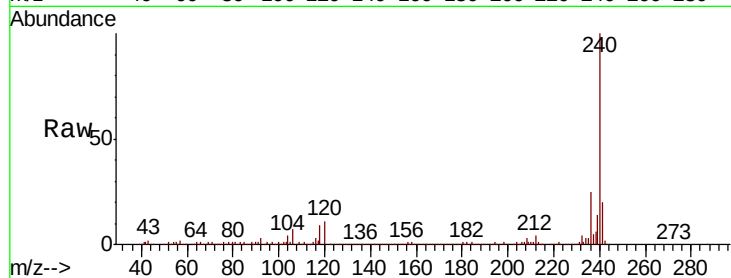
Tot Ion:240 Resp: 672380

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

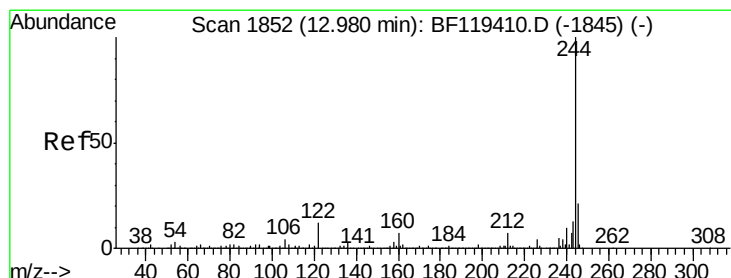
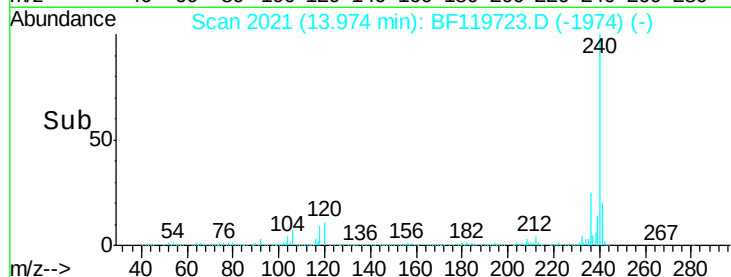
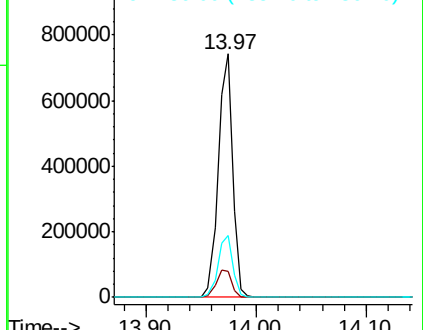
236 25.4 20.2 30.2



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: 97.849 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119723.D

Acq: 3 Apr 2020 17:02

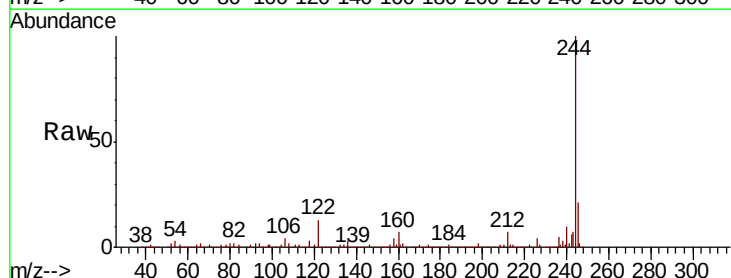
Tgt Ion:244 Resp: 3358081

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

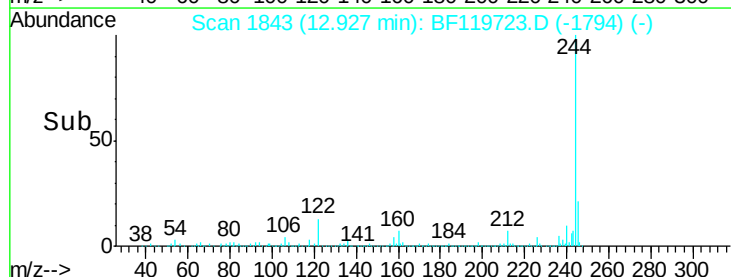
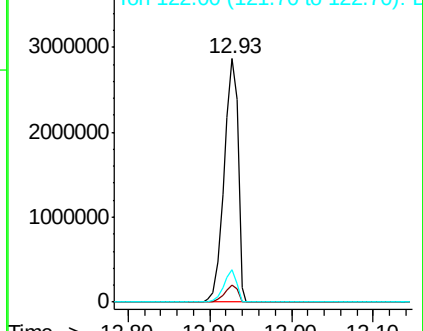
122 13.2 10.3 15.5

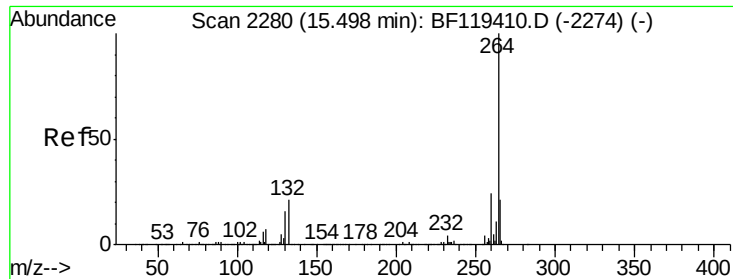


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119723.D
Acq: 3 Apr 2020 17:02

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-1

Tot Ion: 264 Resp: 573186

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	17.7	26.5

