

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119678.D
 Acq On : 1 Apr 2020 16:48
 Operator : MA/SJ
 Sample : L2070-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SLUDGE-

Quant Time: Apr 02 01:18:18 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

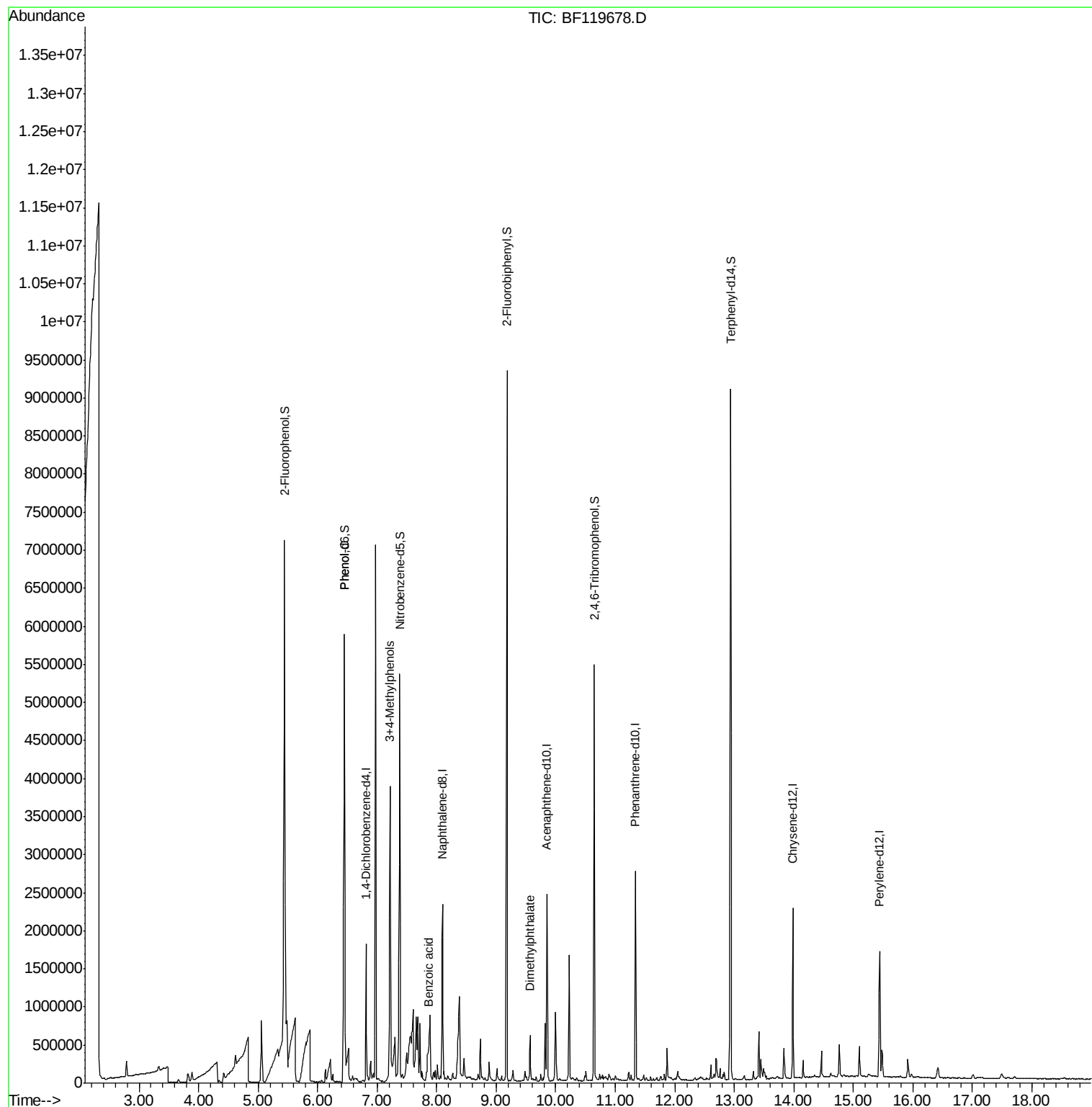
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	255865	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1005624	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	521538	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	1014612	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	804884	20.00	ng	-0.01
87) Perylene-d12	15.44	264	764292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2009850	125.05	ng	0.03
7) Phenol-d6	6.45	99	2458704	119.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	1799077	97.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	786539	146.18	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3205934	91.07	ng	0.00
79) Terphenyl-d14	12.94	244	3846417	93.63	ng	0.00
Target Compounds						
10) Phenol	6.46	94	153237	6.995	ng	87
20) 3+4-Methylphenols	7.22	107	902706	47.623	ng	# 75
32) Benzoic acid	7.86	122	69611	6.722	ng	96
50) Dimethylphthalate	9.57	163	202213	5.459	ng	100

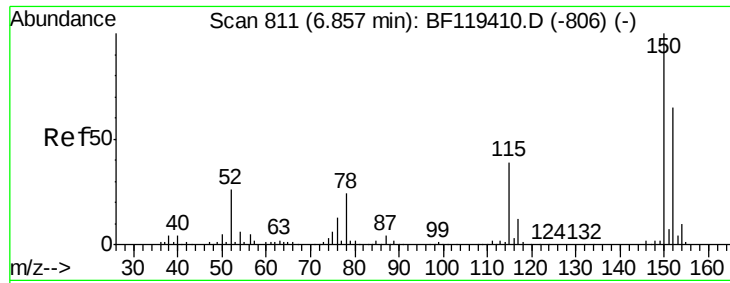
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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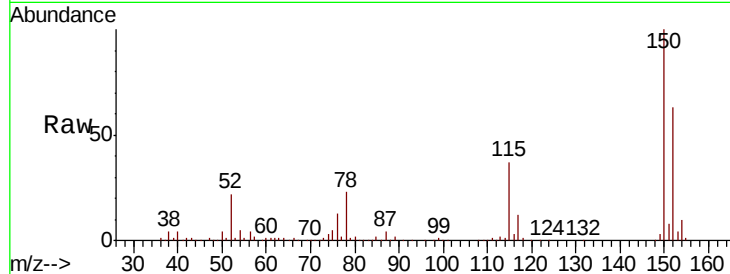


#1

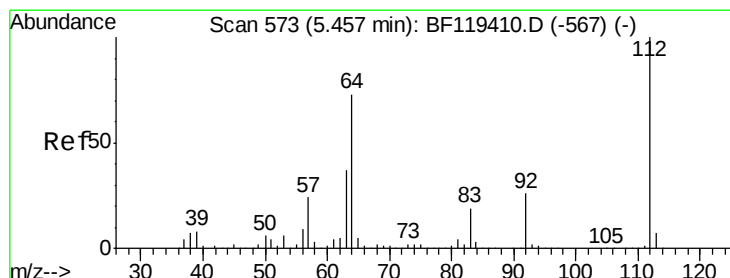
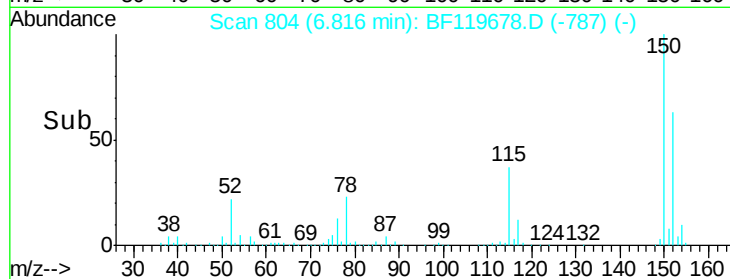
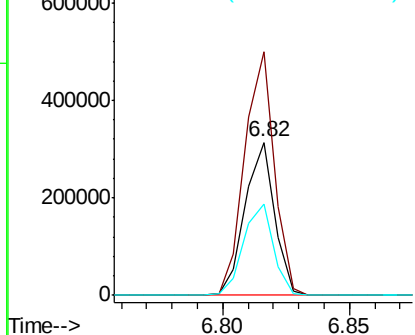
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tot Ion:152 Resp: 255865
Ion Ratio Lower Upper
152 100
150 159.3 124.5 186.7
115 59.6 49.6 74.4



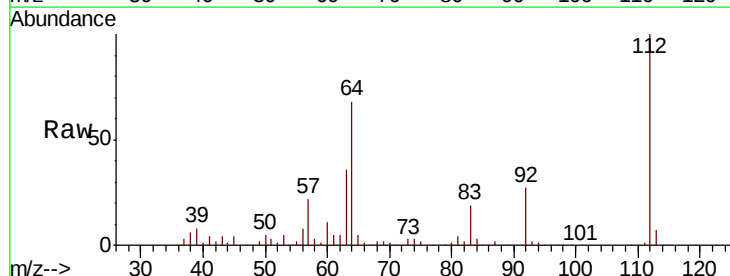
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



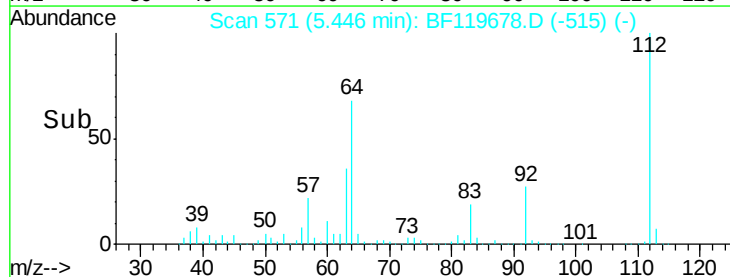
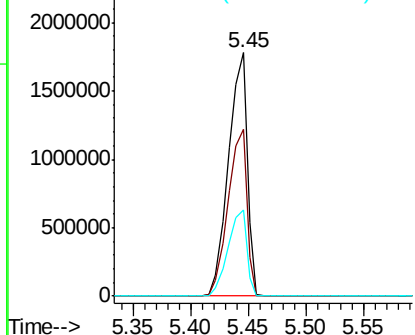
#5

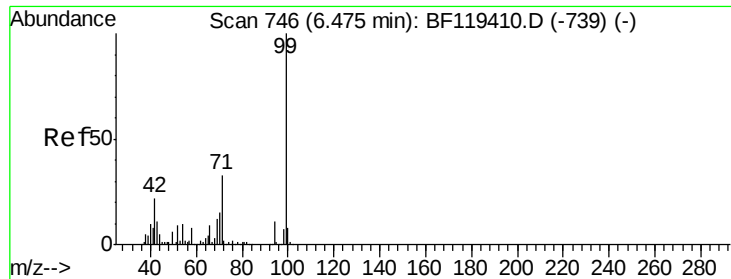
2-Fluorophenol
Concen: 125.046 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:112 Resp: 2009850
Ion Ratio Lower Upper
112 100
64 68.4 56.7 85.1
63 35.5 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: 119.750 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SLUDGE-

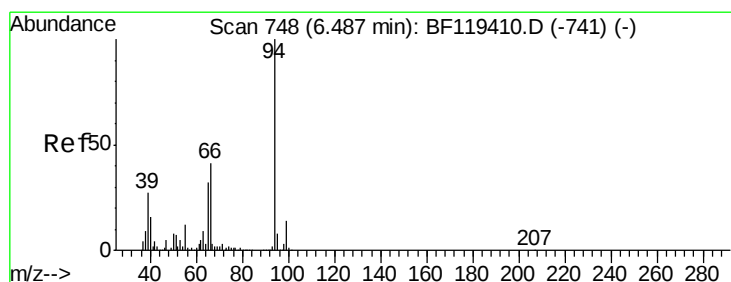
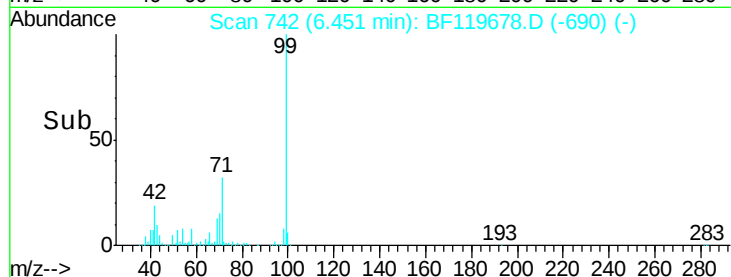
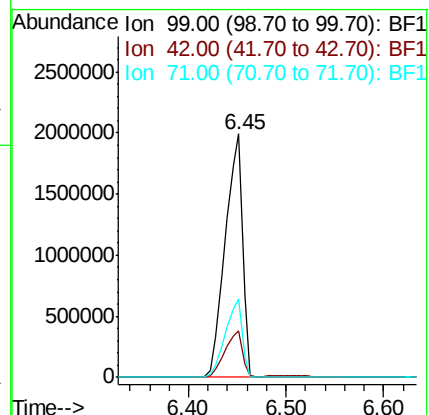
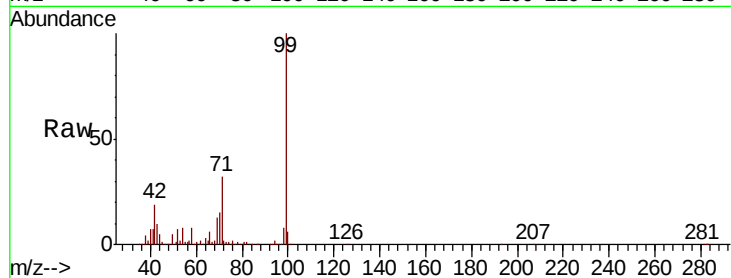
Tot Ion: 99 Resp: 2458704

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 32.3 26.4 39.6



#10

Phenol

Concen: 6.995 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

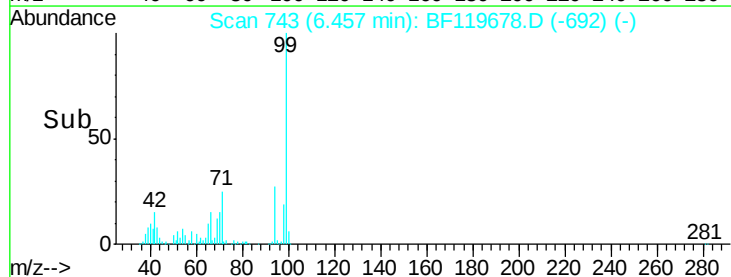
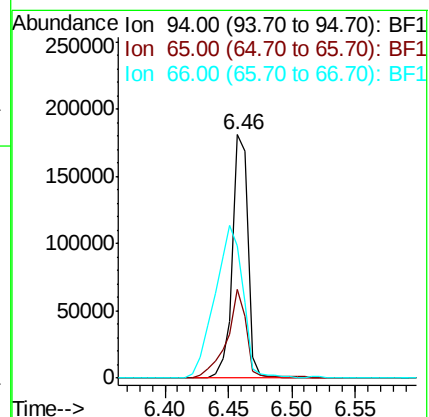
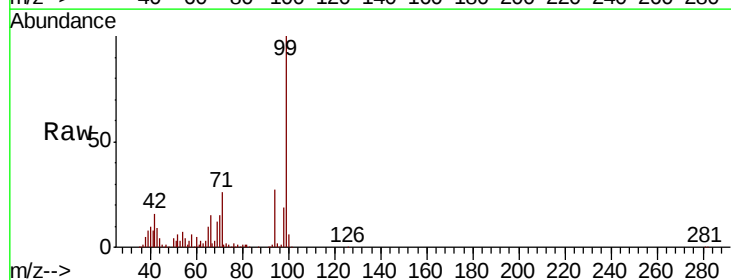
Tgt Ion: 94 Resp: 153237

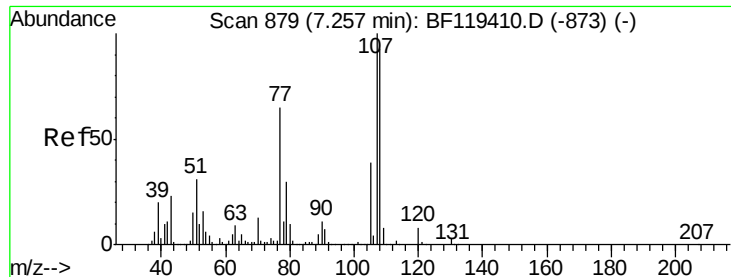
Ion Ratio Lower Upper

94 100

65 36.3 13.2 53.2

66 54.5 22.3 62.3

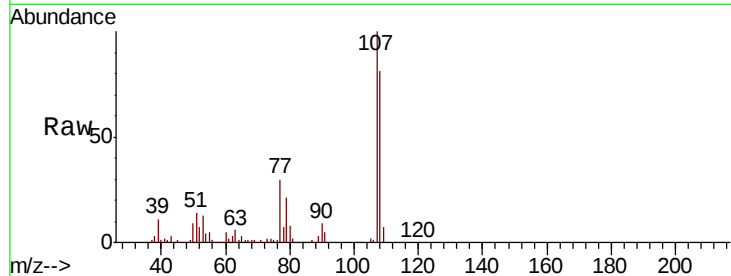




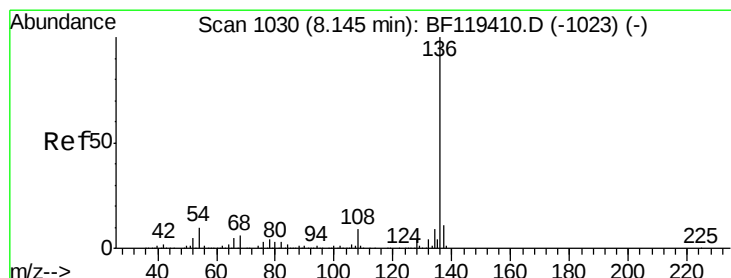
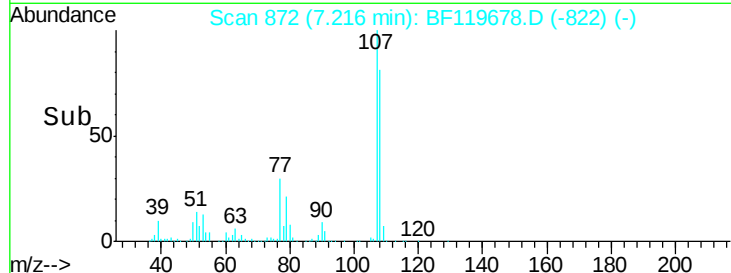
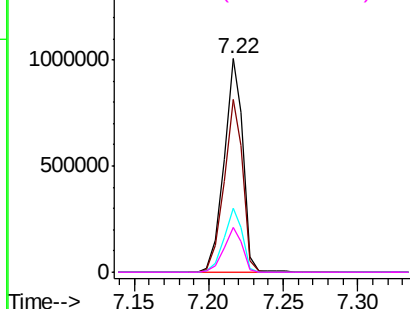
#20
3+4-Methylphenols
Concen: 47.623 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

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

Tot Ion:	107	Resp:	902706
Ion	Ratio	Lower	Upper
107	100		
108	80.9	67.9	107.9
77	29.8	52.9	92.9#
79	21.0	7.7	47.7



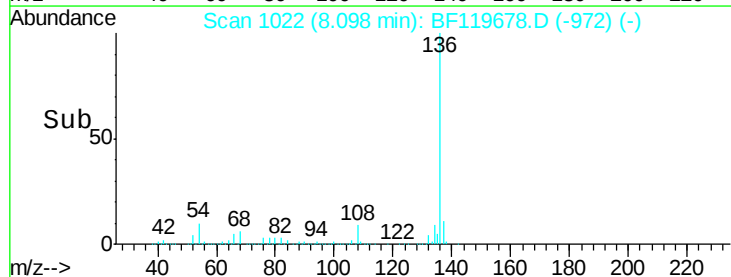
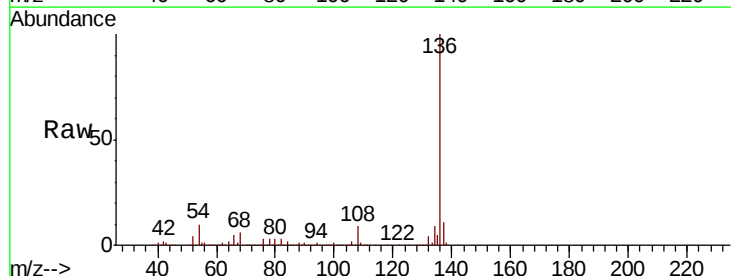
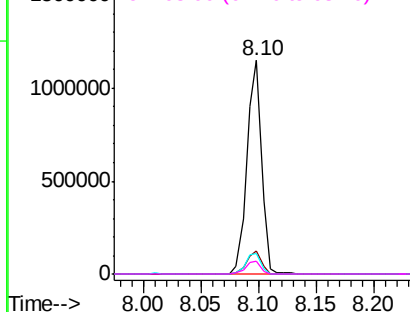
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

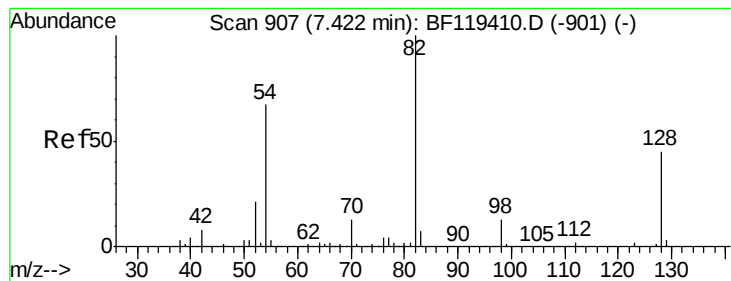


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:	136	Resp:	1005624
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.8	9.1	13.7
68	5.7	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





#23

Nitrobenzene-d5

Concen: 97.229 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SLUDGE-

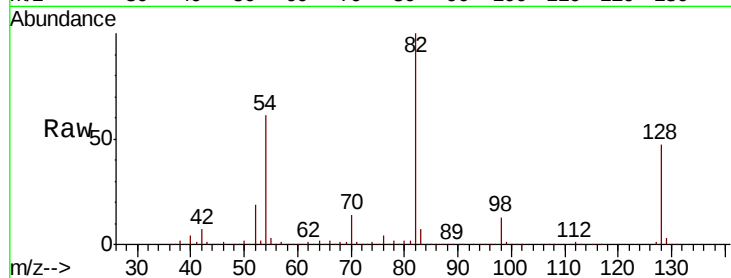
Tot Ion: 82 Resp: 1799077

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

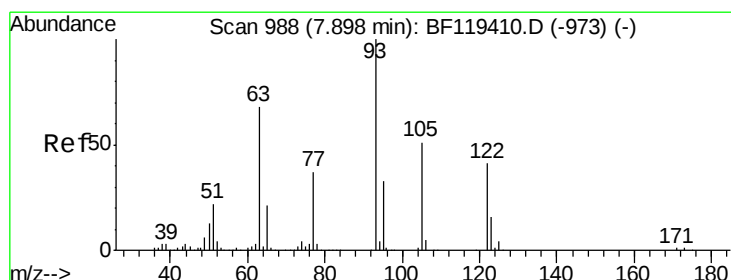
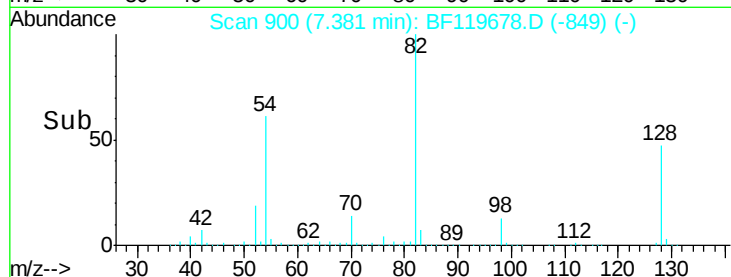
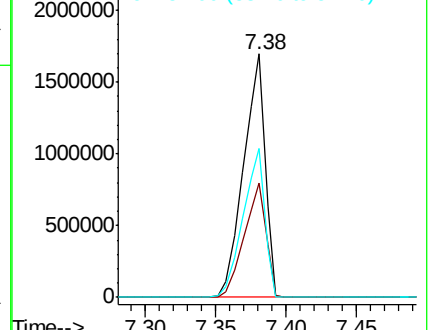
54 61.3 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#32

Benzoic acid

Concen: 6.722 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

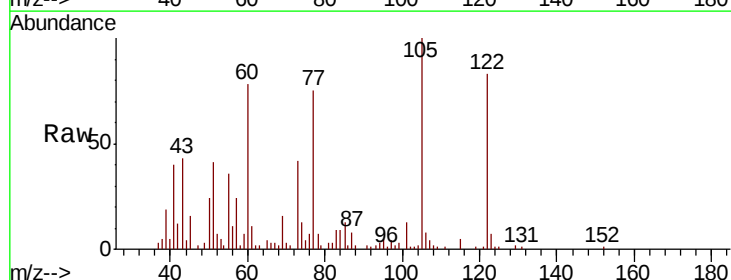
Tgt Ion:122 Resp: 69611

Ion Ratio Lower Upper

122 100

105 120.4 104.9 144.9

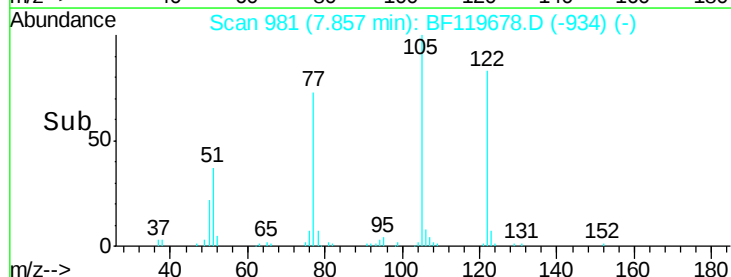
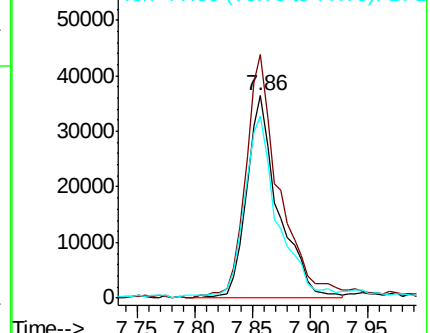
77 89.8 74.4 114.4

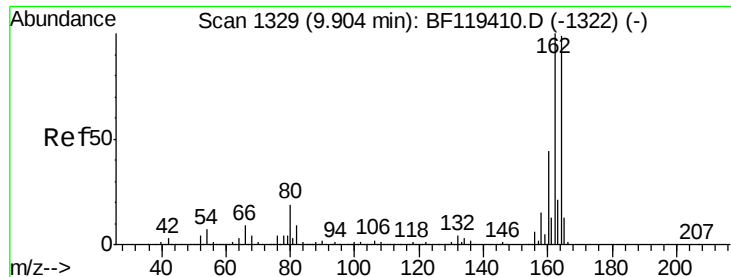


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

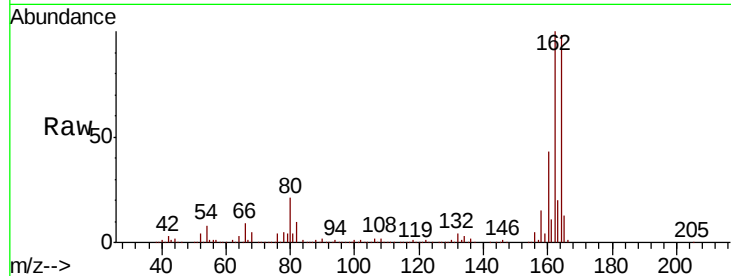




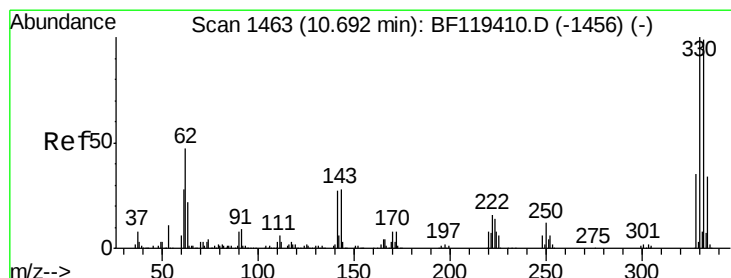
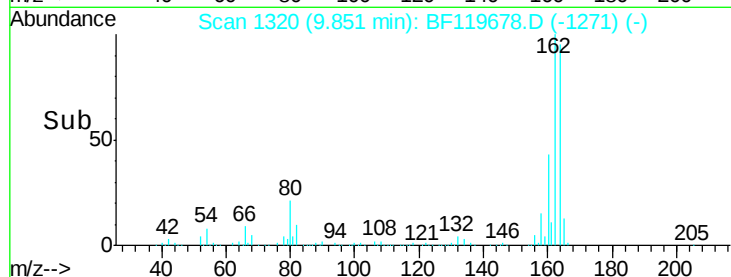
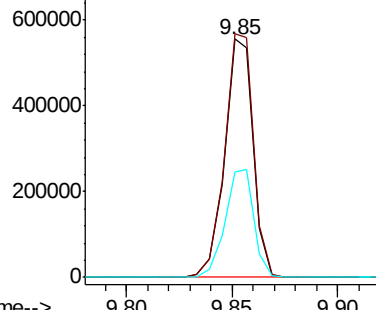
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

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

Tot Ion:164 Resp: 521538
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 44.3 35.7 53.5

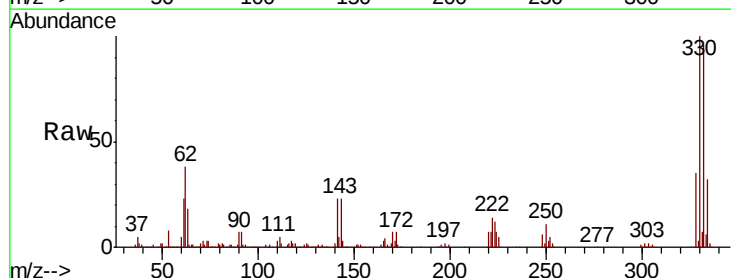


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

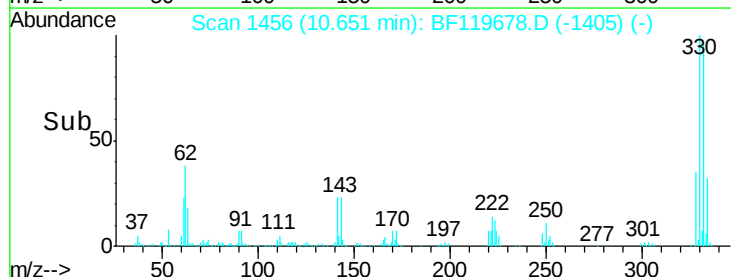
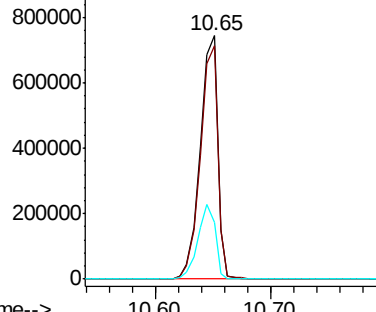


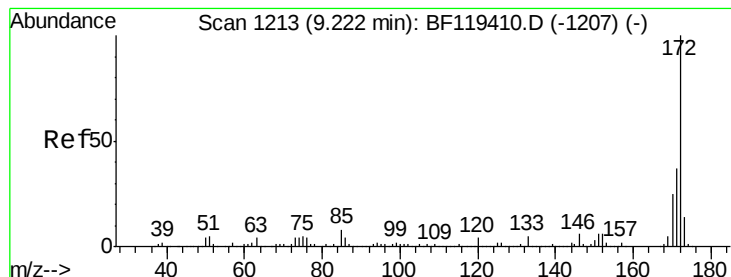
#42
2,4,6-Tribromophenol
Concen: 146.183 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:330 Resp: 786539
Ion Ratio Lower Upper
330 100
332 95.6 75.7 113.5
141 30.4 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: 91.067 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SLUDGE-

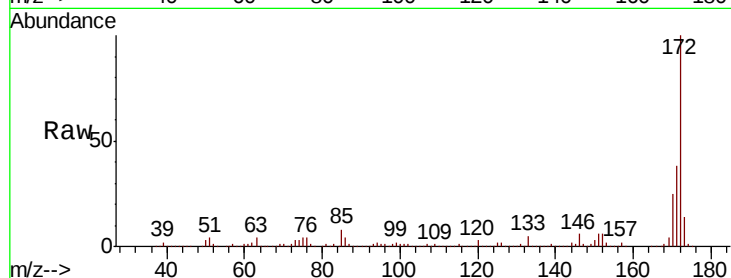
Tot Ion:172 Resp: 3205934

Ion Ratio Lower Upper

172 100

171 37.5 29.6 44.4

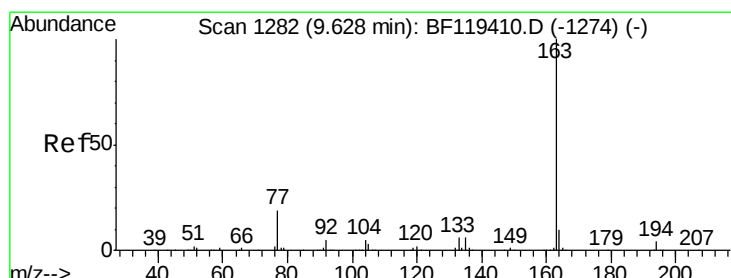
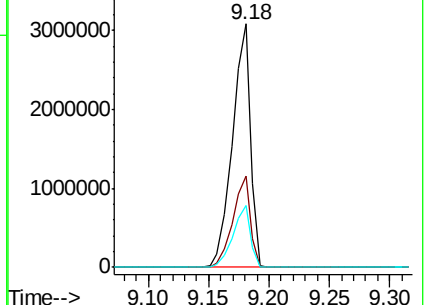
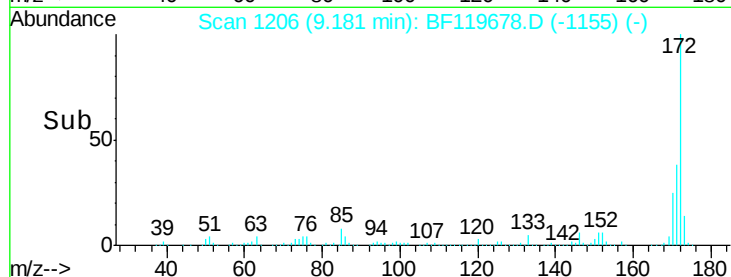
170 25.3 20.2 30.2



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: 5.459 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

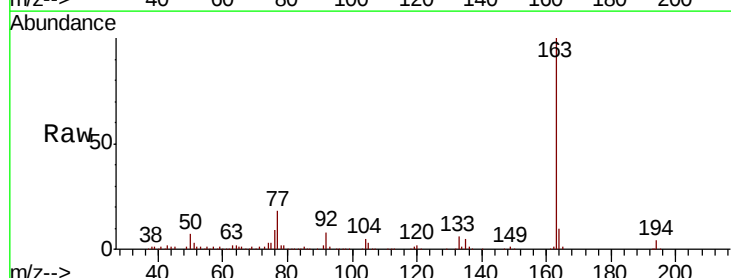
Tgt Ion:163 Resp: 202213

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

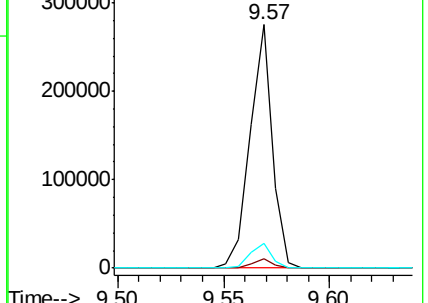
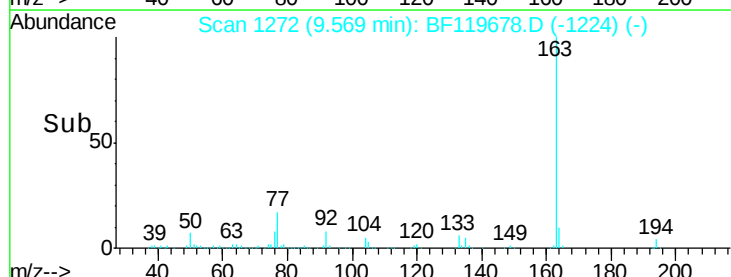
164 10.4 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Instrument :

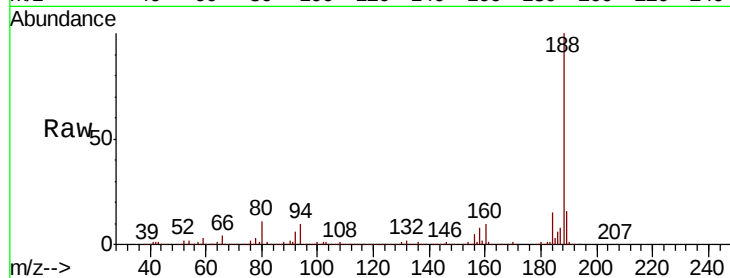
BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SLUDGE-

Tot Ion:188 Resp: 1014612

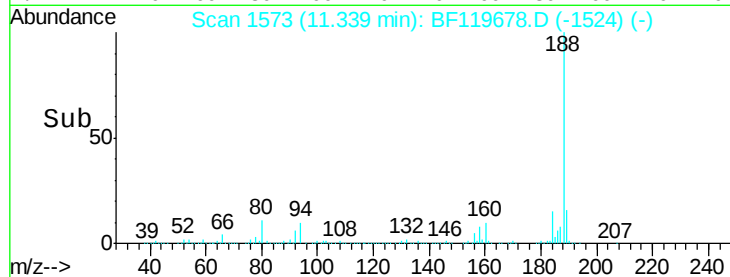
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	11.0	9.0	13.4



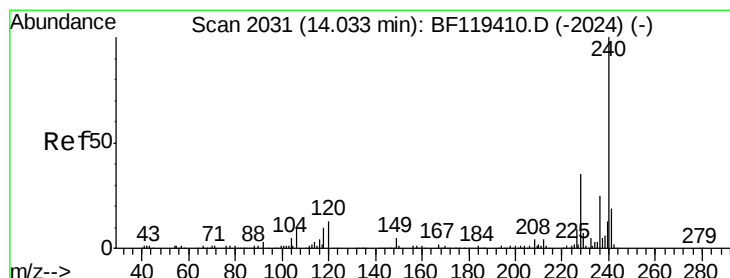
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

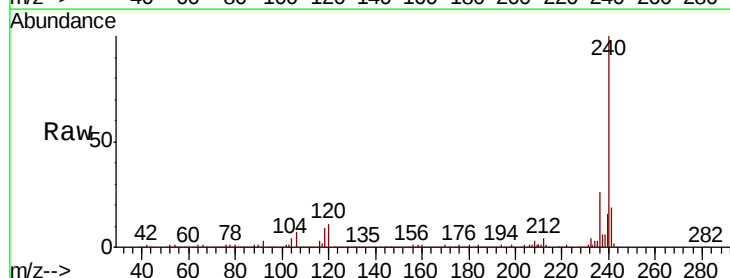
Delta R.T. -0.01 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Tgt Ion:240 Resp: 804884

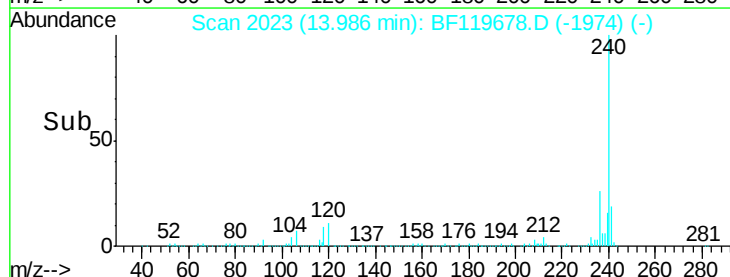
Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	26.1	20.2	30.2



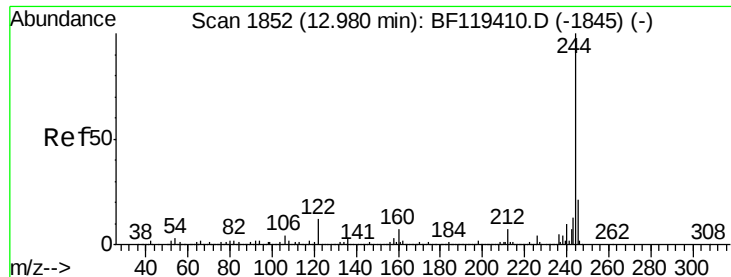
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 93.628 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SLUDGE-

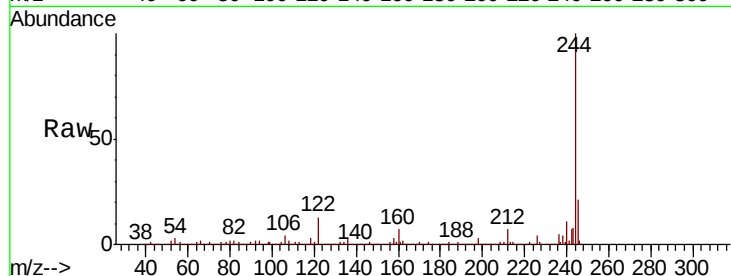
Tot Ion:244 Resp: 3846417

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

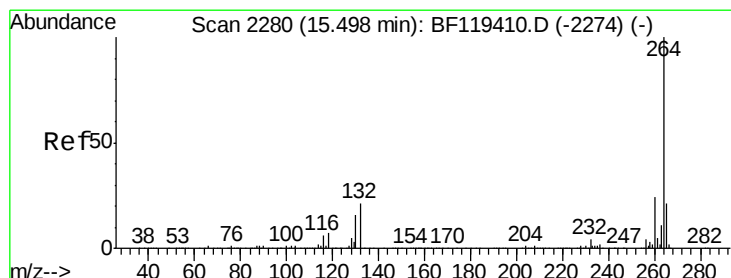
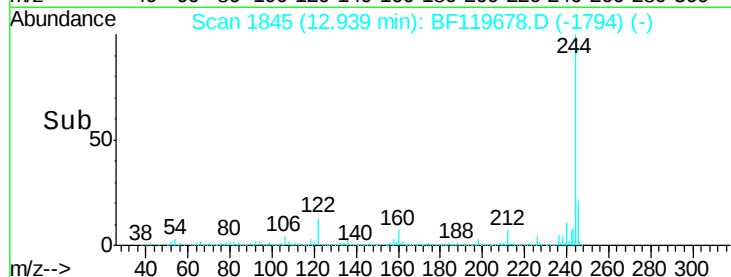
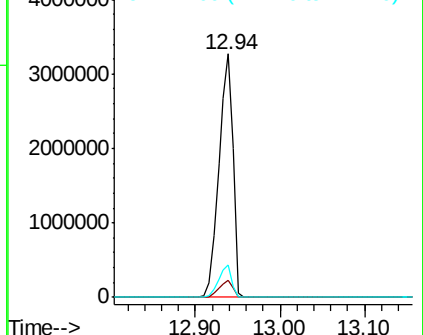
122 13.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119678.D

Acq: 1 Apr 2020 16:48

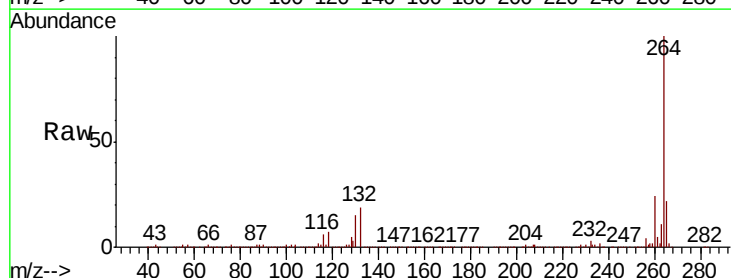
Tgt Ion:264 Resp: 764292

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.8 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

