

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119718.D
 Acq On : 3 Apr 2020 14:47
 Operator : MA/SJ
 Sample : L2104-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR

Quant Time: Apr 03 15:26:34 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

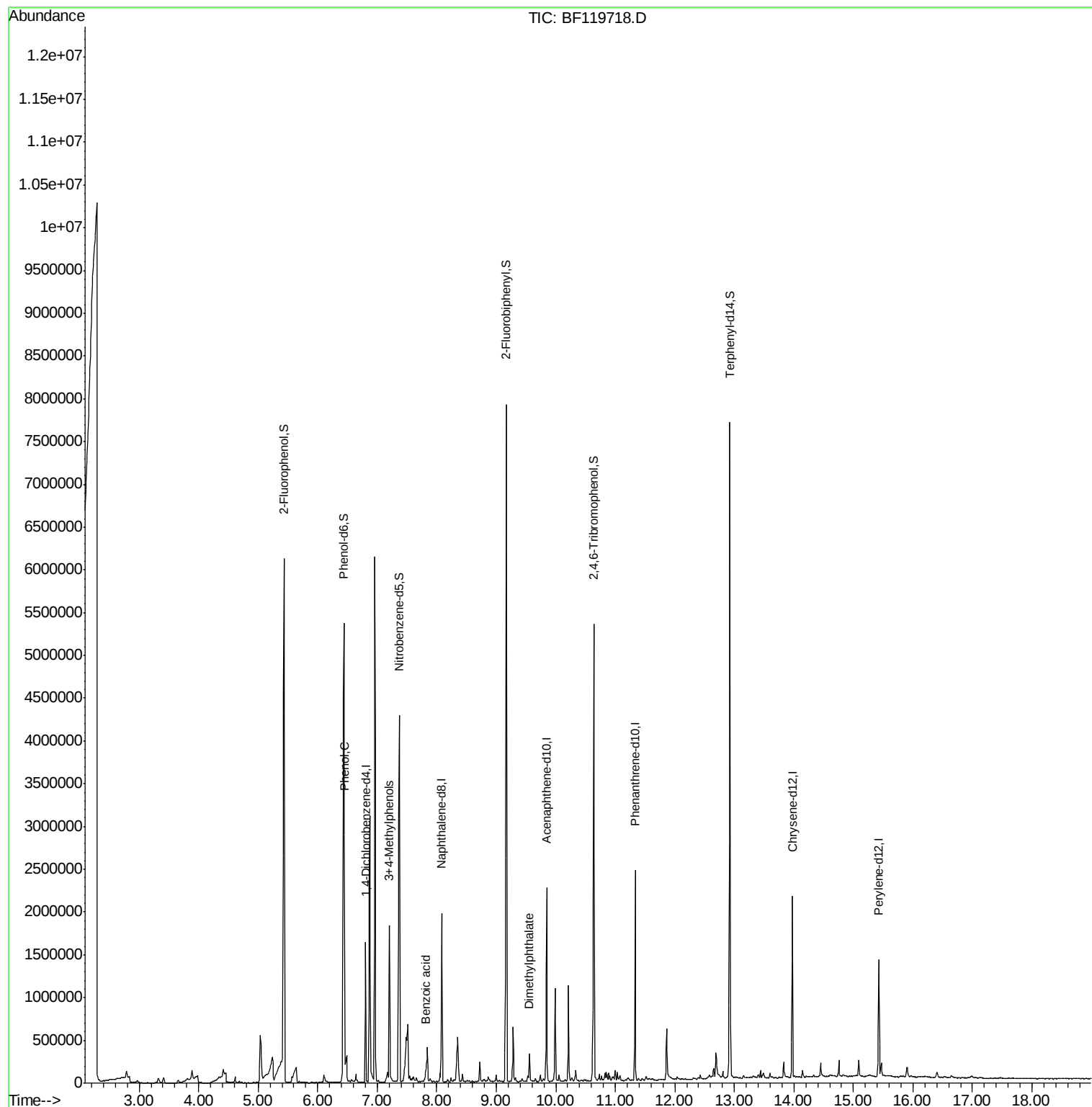
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	226030	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	860379	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	445575	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	850730	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	676556	20.00	ng	-0.02
87) Perylene-d12	15.43	264	620072	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1849397	130.25	ng	0.02
7) Phenol-d6	6.44	99	2174453	119.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	1614793	102.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	741982	161.41	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2887655	96.01	ng	-0.01
79) Terphenyl-d14	12.93	244	3268871	94.66	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	128199	6.624	ng	90
20) 3+4-Methylphenols	7.21	107	490416	29.287	ng	# 74
32) Benzoic acid	7.82	122	28273	3.191	ng	96
50) Dimethylphthalate	9.56	163	128723	4.067	ng	100

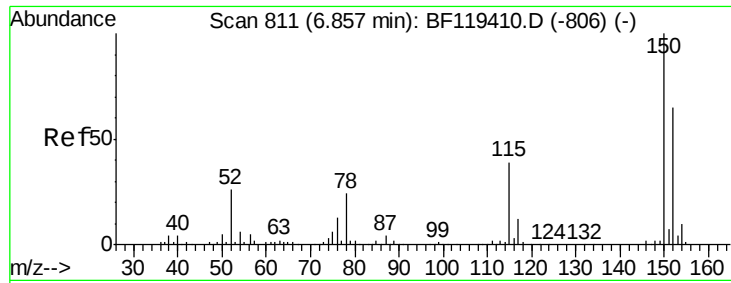
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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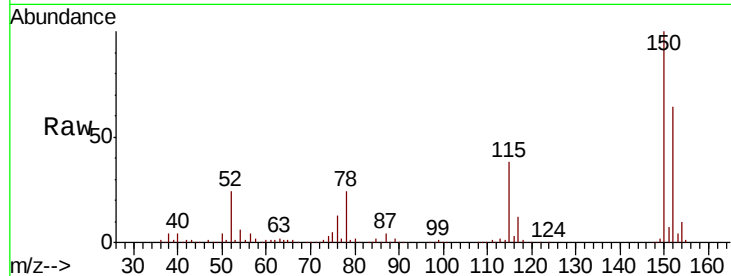


#1

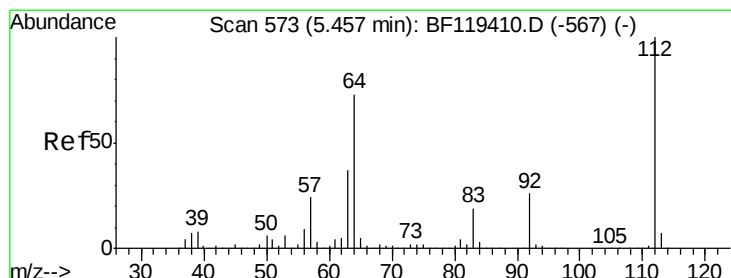
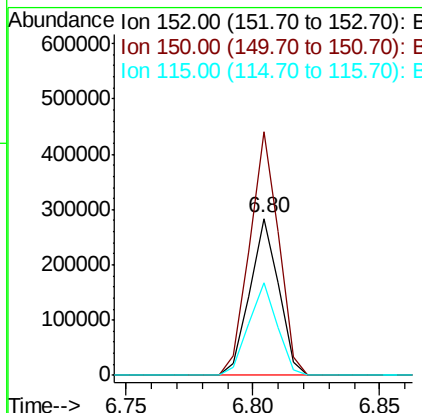
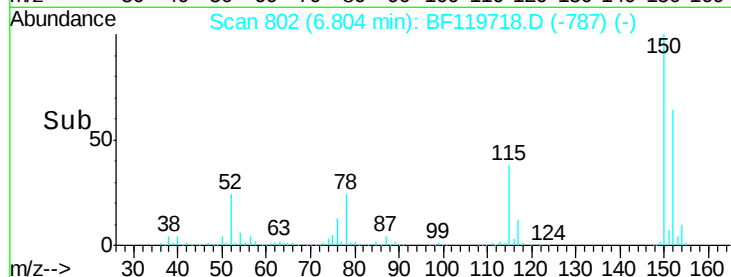
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:152 Resp: 226030
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 59.2 49.6 74.4



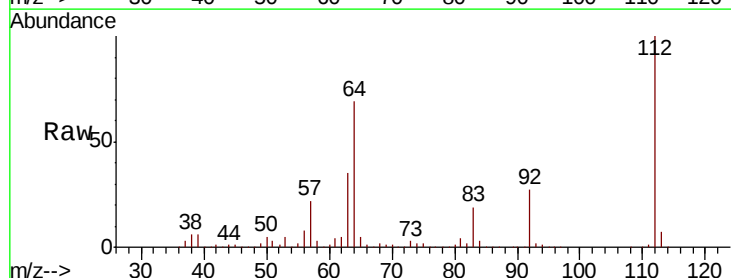
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



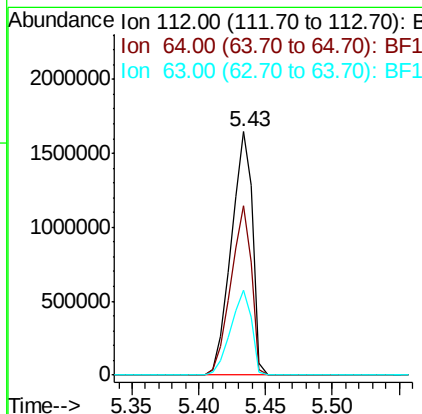
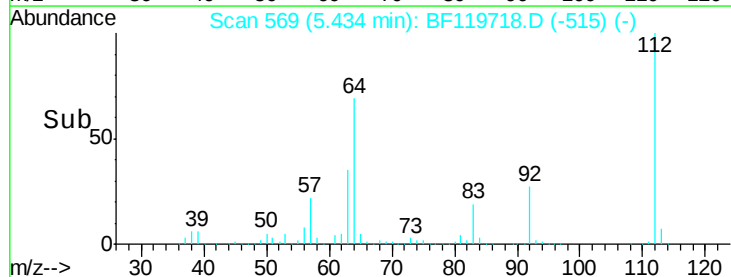
#5

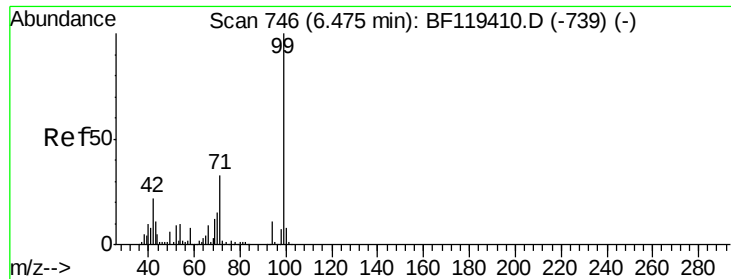
2-Fluorophenol
Concen: 130.251 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

Tgt Ion:112 Resp: 1849397
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 35.1 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: 119.885 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR

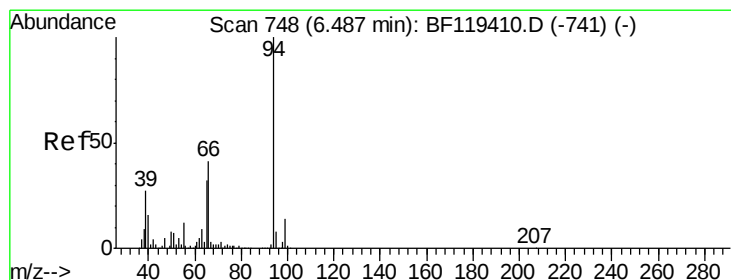
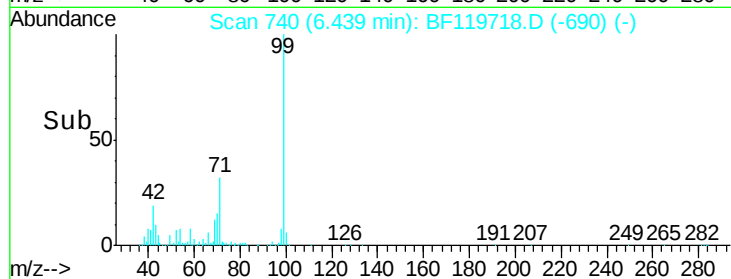
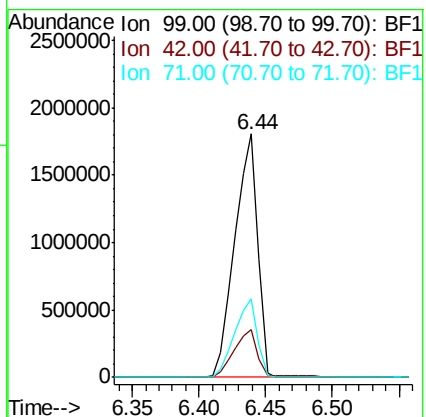
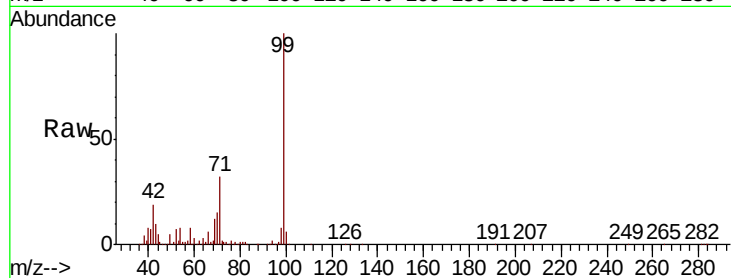
Tot Ion: 99 Resp: 2174453

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.1 26.4 39.6



#10

Phenol

Concen: 6.624 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

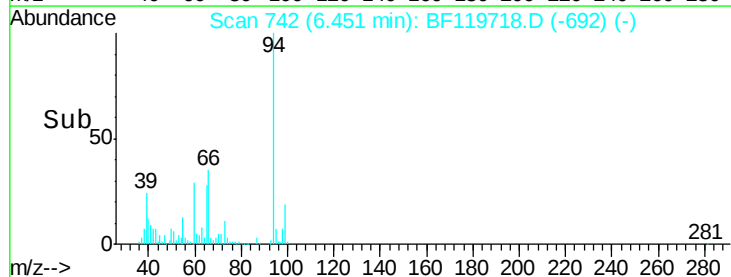
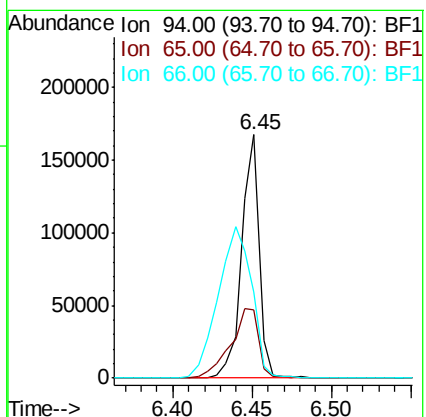
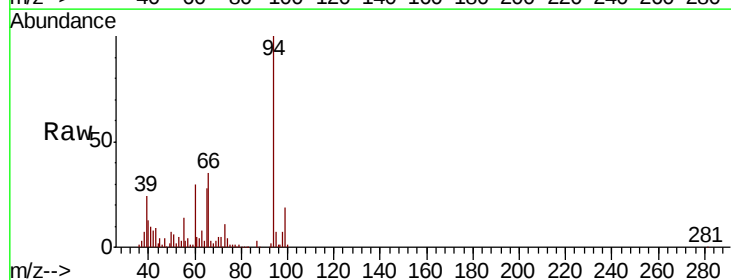
Tgt Ion: 94 Resp: 128199

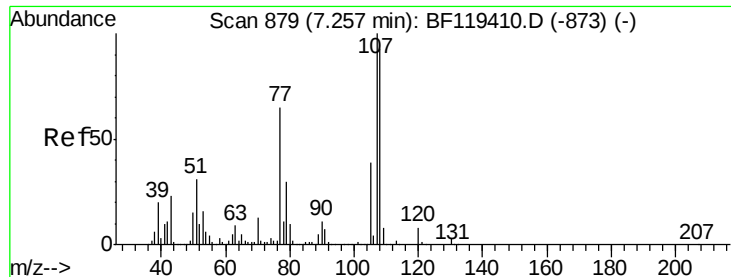
Ion Ratio Lower Upper

94 100

65 28.0 13.2 53.2

66 35.2 22.3 62.3

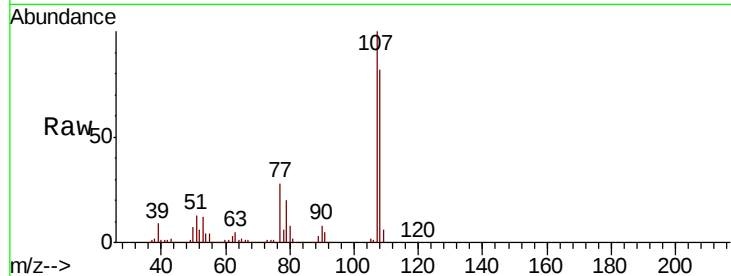




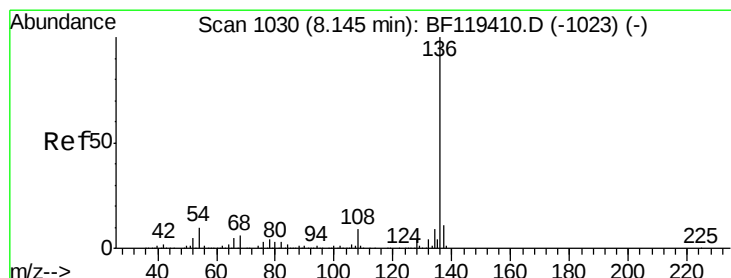
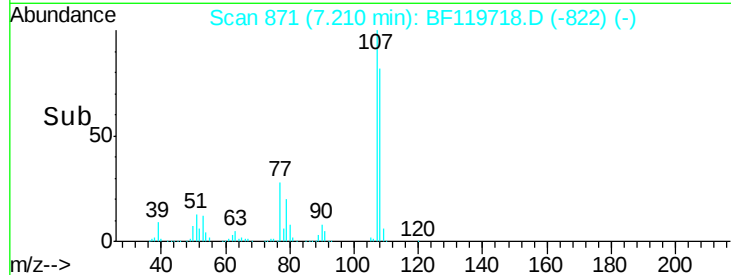
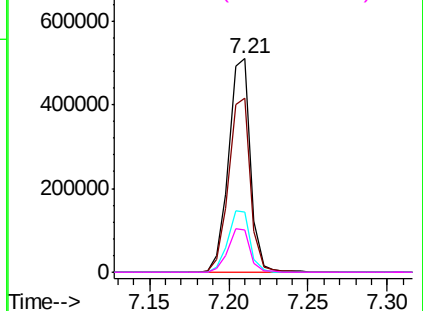
#20
3+4-Methylphenols
Concen: 29.287 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:	107	Resp:	490416
Ion	Ratio	Lower	Upper
107	100		
108	81.6	67.9	107.9
77	27.9	52.9	92.9#
79	19.6	7.7	47.7

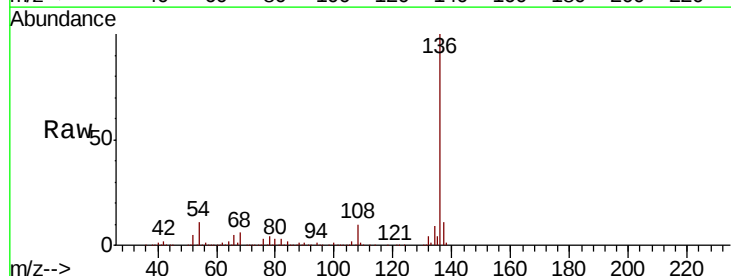


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

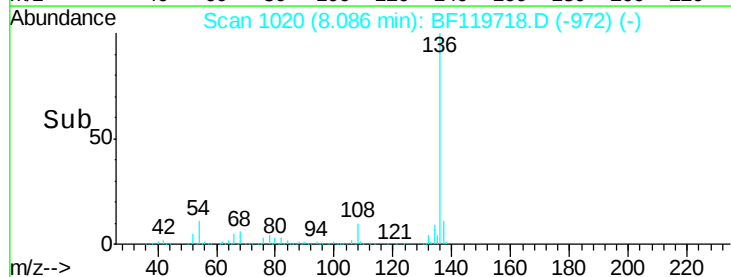
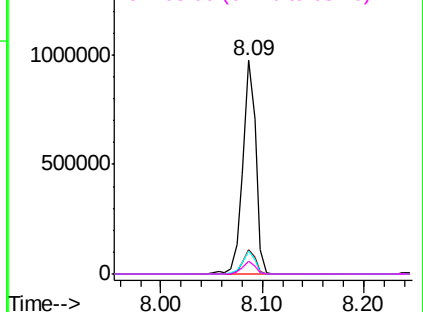


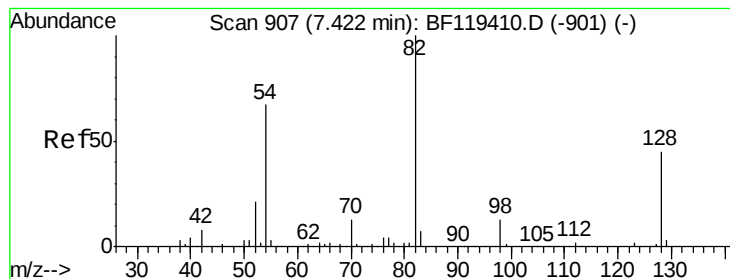
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

Tgt Ion:	136	Resp:	860379
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.7	9.1	13.7
68	5.8	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: 102.002 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR

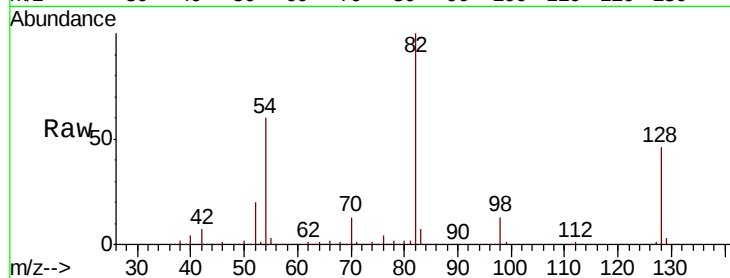
Tot Ion: 82 Resp: 1614793

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

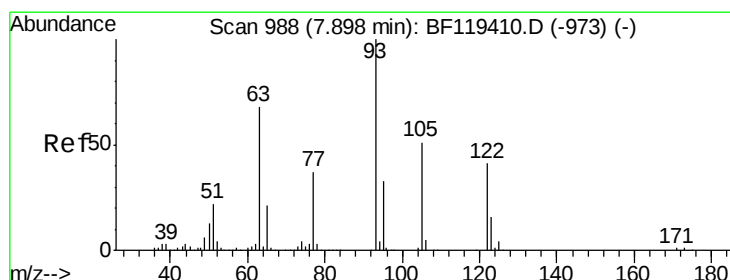
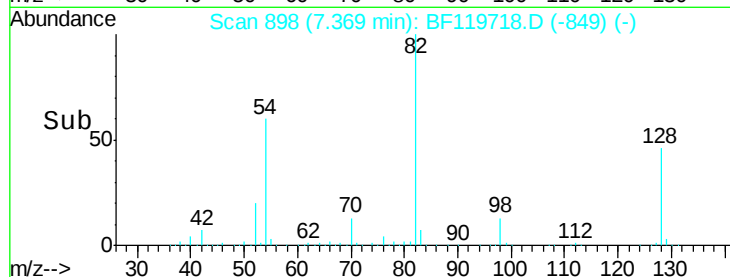
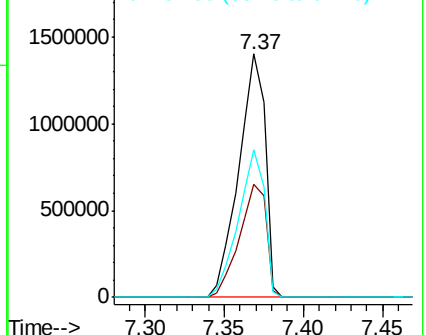
54 60.5 50.6 75.8



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: 3.191 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

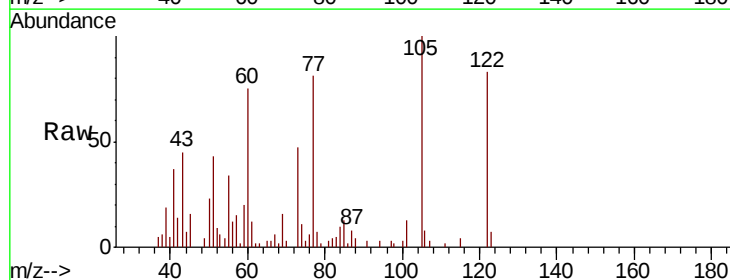
Tgt Ion:122 Resp: 28273

Ion Ratio Lower Upper

122 100

105 120.4 104.9 144.9

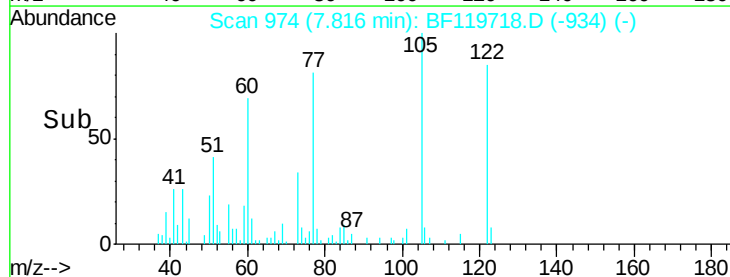
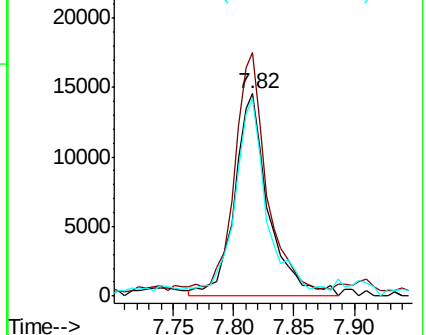
77 98.0 74.4 114.4

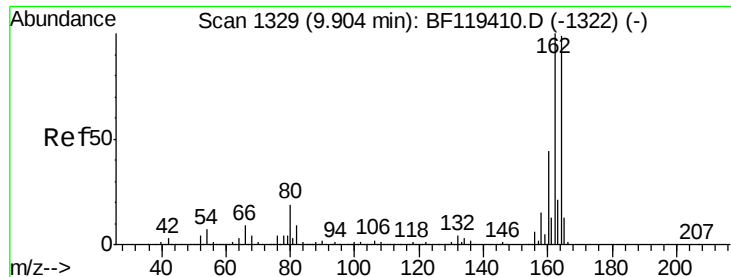


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

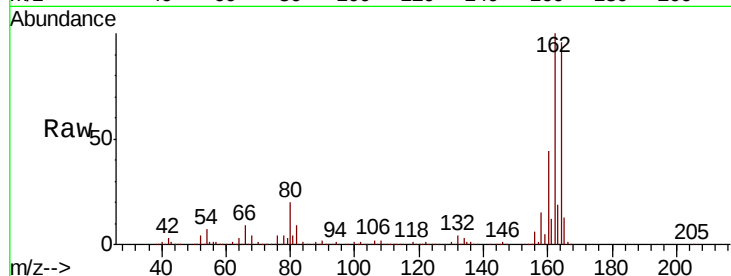




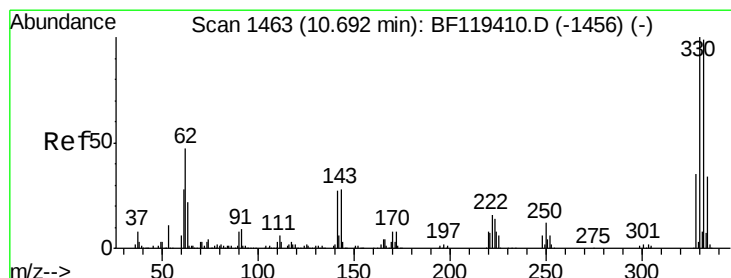
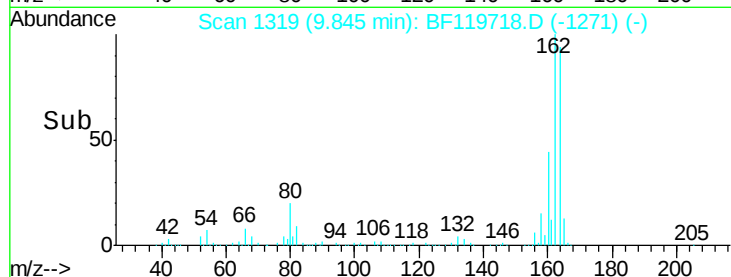
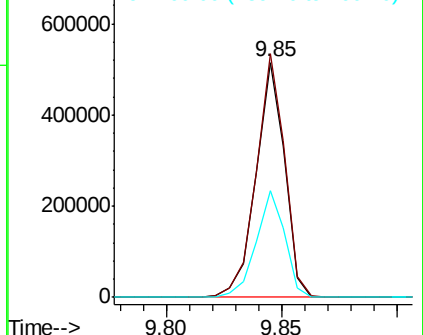
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119718.D
 Acq: 3 Apr 2020 14:47

Instrument :
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 OIL-WATER-SEPARATOR

Tot Ion:164 Resp: 445575
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.6 121.0
 160 45.5 35.7 53.5

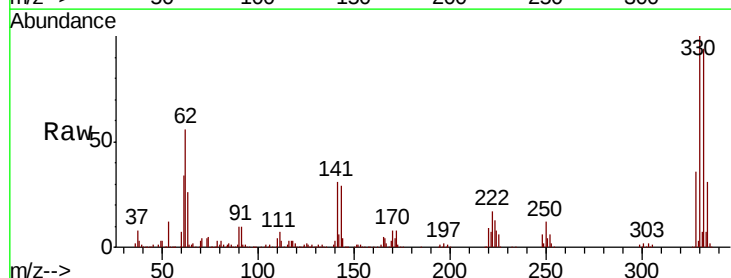


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

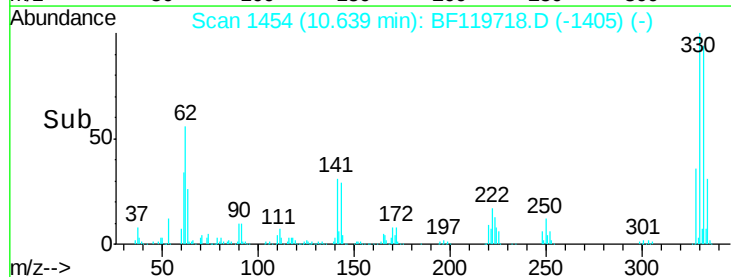
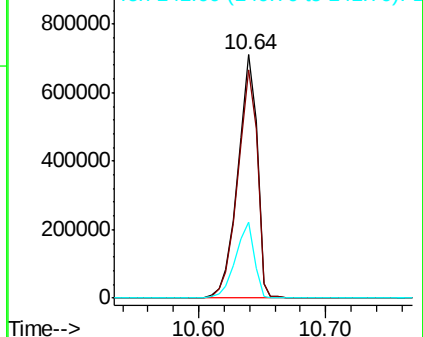


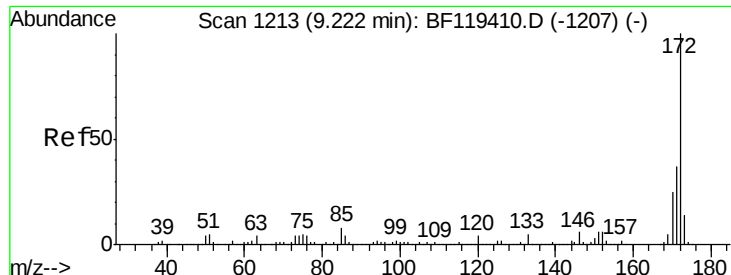
#42
 2,4,6-Tribromophenol
 Concen: 161.411 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119718.D
 Acq: 3 Apr 2020 14:47

Tgt Ion:330 Resp: 741982
 Ion Ratio Lower Upper
 330 100
 332 95.3 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



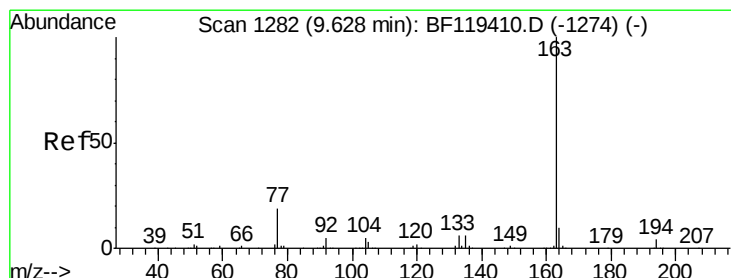
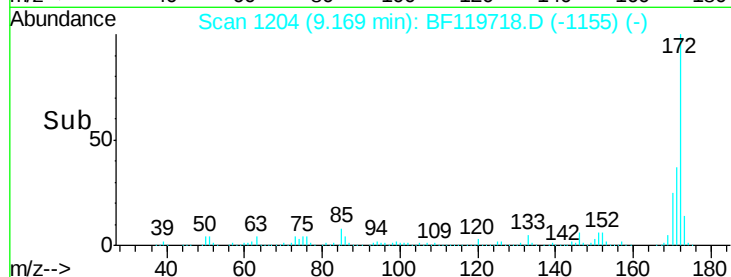
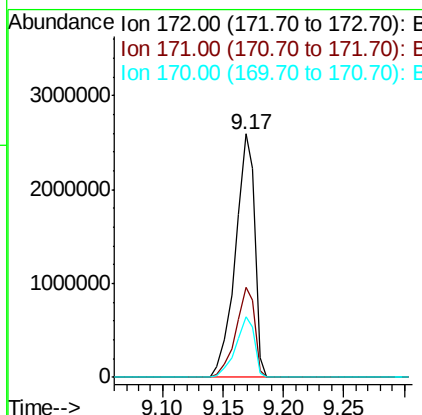
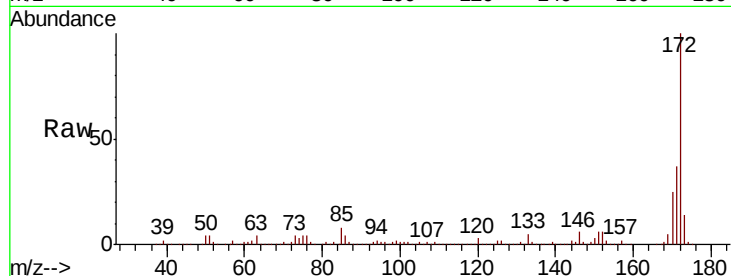


#45
 2-Fluorobiphenyl
 Concen: 96.010 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119718.D
 Acq: 3 Apr 2020 14:47

Instrument :
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 OIL-WATER-SEPARATOR

Tot Ion:172 Resp: 2887655

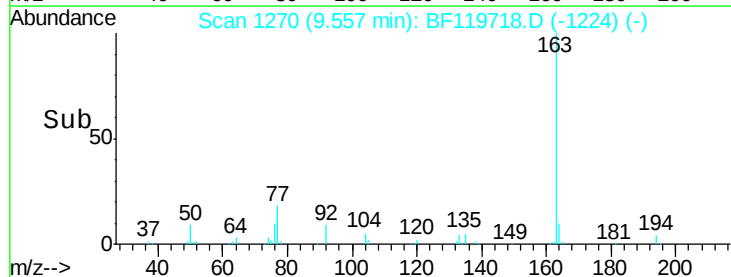
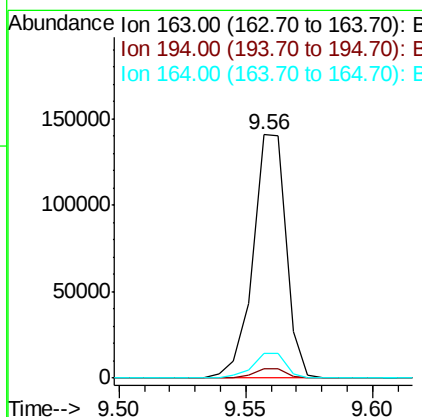
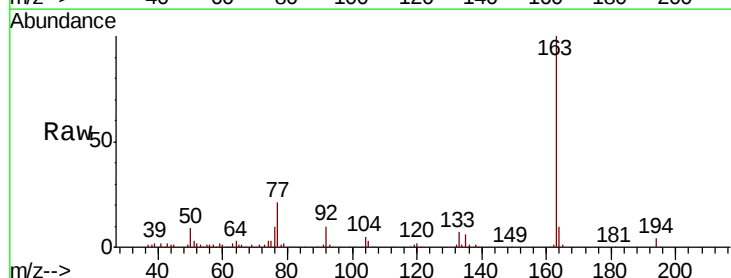
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.9	20.2	30.2

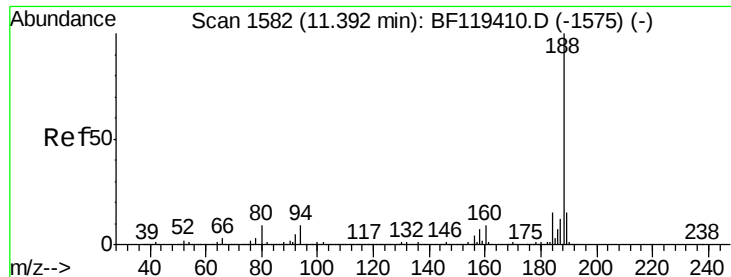


#50
 Dimethylphthalate
 Concen: 4.067 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF119718.D
 Acq: 3 Apr 2020 14:47

Tgt Ion:163 Resp: 128723

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.3	8.2	12.2

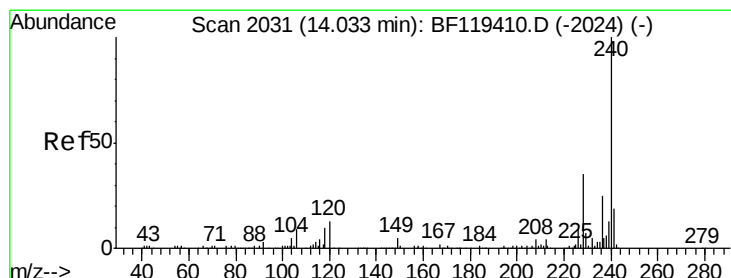
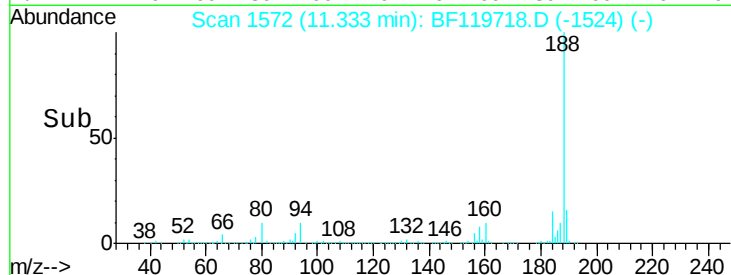
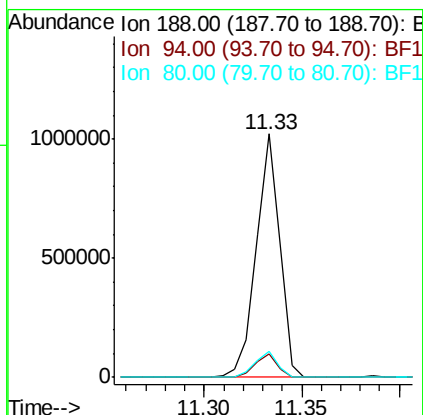
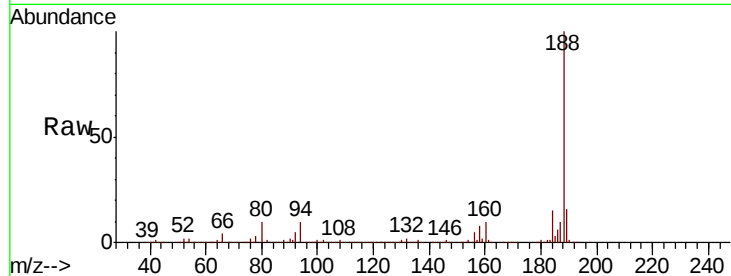




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

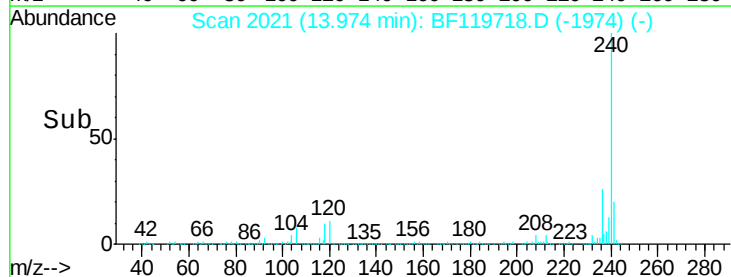
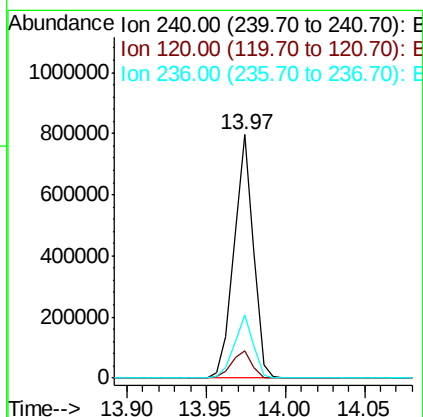
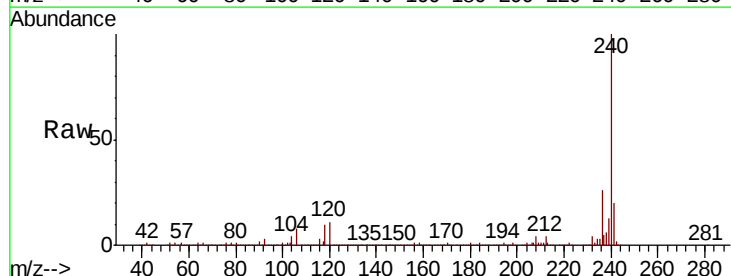
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

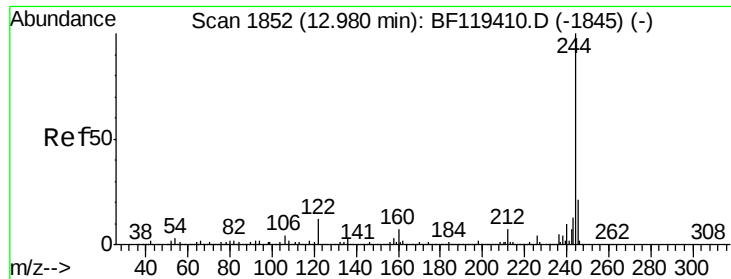
Tot Ion:188 Resp: 850730
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119718.D
Acq: 3 Apr 2020 14:47

Tgt Ion:240 Resp: 676556
Ion Ratio Lower Upper
240 100
120 11.4 10.6 15.8
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 94.662 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR

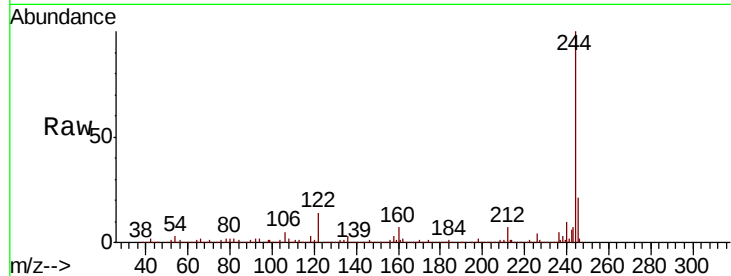
Tot Ion:244 Resp: 3268871

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

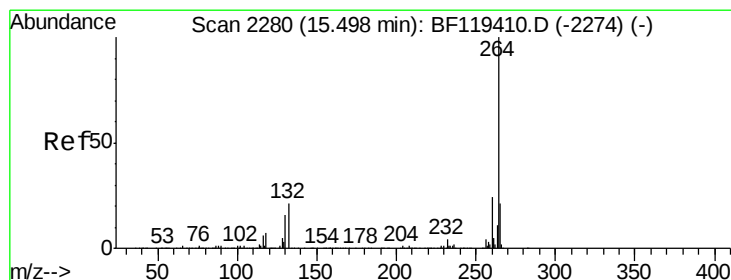
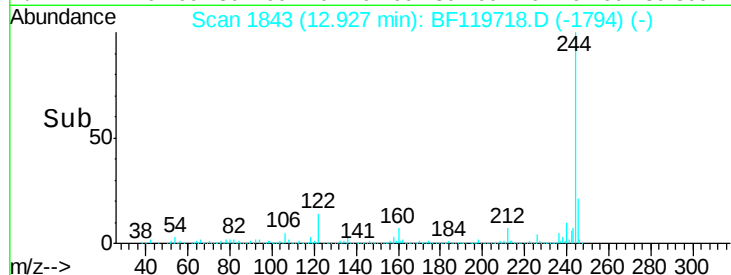
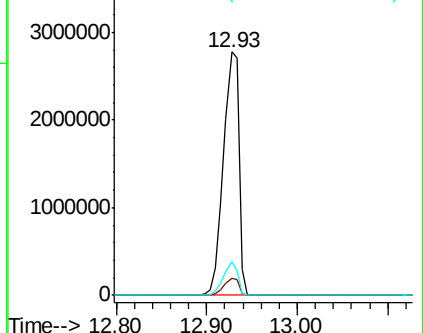
122 13.6 10.3 15.5



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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119718.D

Acq: 3 Apr 2020 14:47

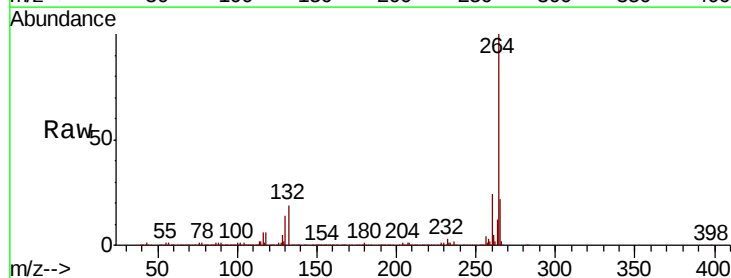
Tgt Ion:264 Resp: 620072

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 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

