

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131974.D
 Acq On : 09 Jan 2023 21:05
 Operator : CG\JU
 Sample : 01066-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

Quant Time: Jan 10 03:14:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

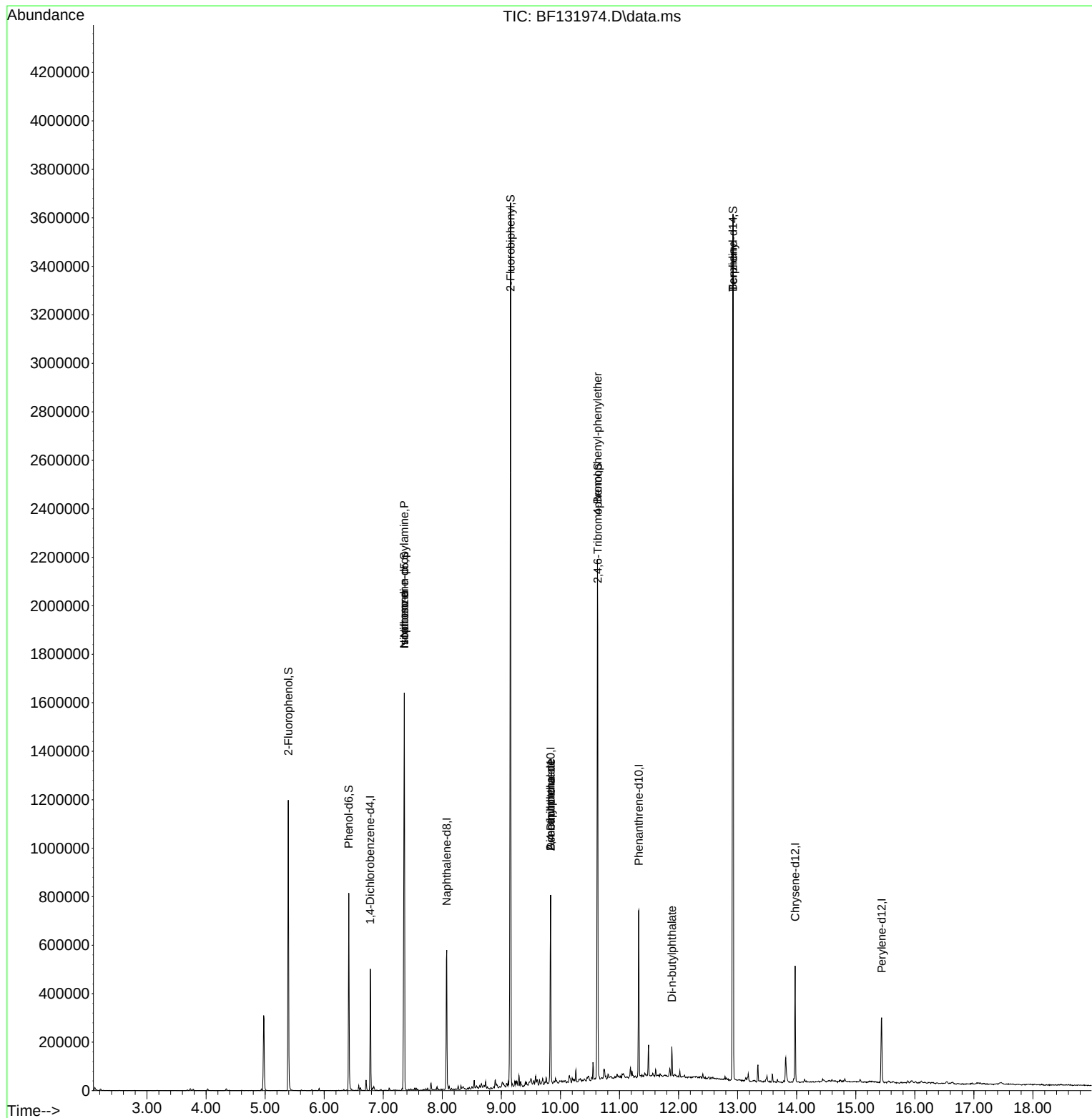
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66029	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	241427	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	137241	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	262876	20.000	ng	0.00
76) Chrysene-d12	13.974	240	138551	20.000	ng	-0.01
86) Perylene-d12	15.439	264	125270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	276665	69.043	ng	0.00
7) Phenol-d6	6.416	99	217833	41.000	ng	-0.02
23) Nitrobenzene-d5	7.357	82	610593	104.966	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	251531	159.401	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1068255	105.078	ng	0.00
79) Terphenyl-d14	12.921	244	1243075	128.593	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	84624	22.018	ng	# 80
25) Isophorone	7.357	82	604714	55.646	ng	# 69
50) Dimethylphthalate	9.833	163	28219	2.638	ng	# 1
57) 2,4-Dinitrotoluene	9.833	165	18359	6.103	ng	# 15
67) 4-Bromophenyl-phenylether	10.627	248	16514	5.022	ng	# 1
74) Di-n-butylphthalate	11.886	149	50079	3.079	ng	99
77) Benzidine	12.921	184	19625	4.264	ng	# 94

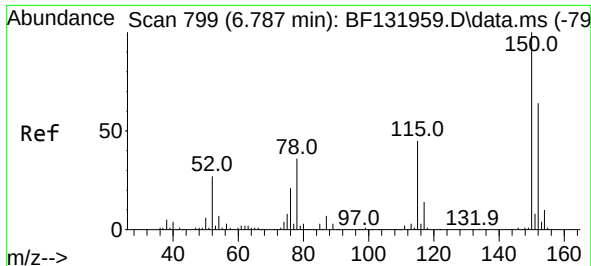
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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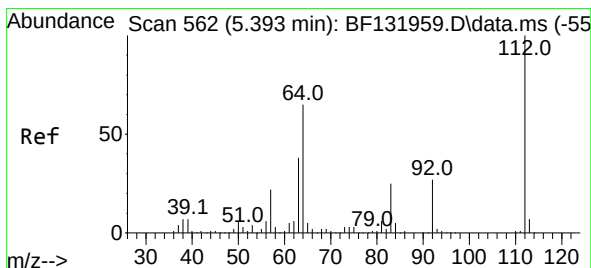
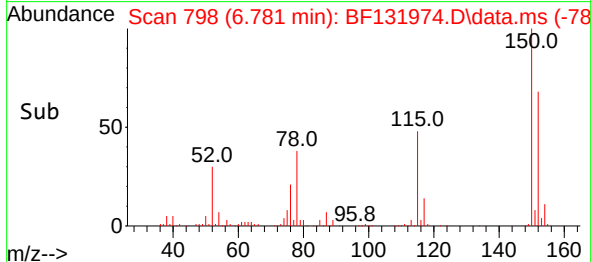
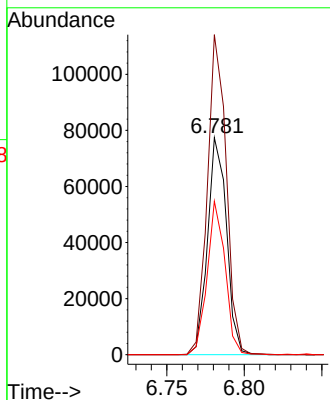
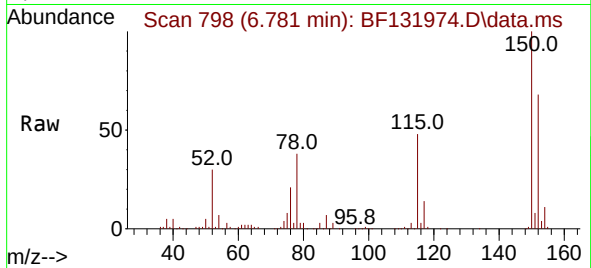




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131974.D
 Acq: 09 Jan 2023 21:05

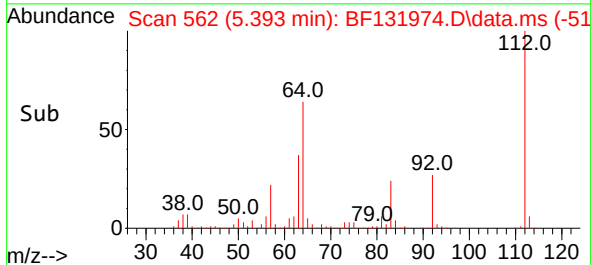
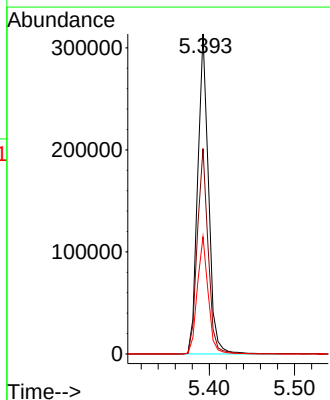
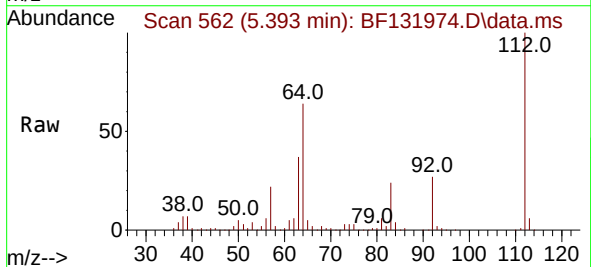
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

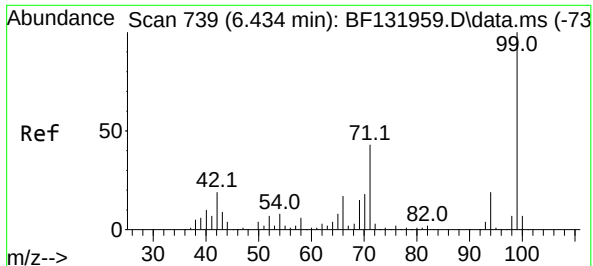
Tgt Ion:152 Resp: 66029
 Ion Ratio Lower Upper
 152 100
 150 147.5 124.6 186.8
 115 70.7 55.6 83.4



#5
 2-Fluorophenol
 Concen: 69.043 ng
 RT: 5.393 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF131974.D
 Acq: 09 Jan 2023 21:05

Tgt Ion:112 Resp: 276665
 Ion Ratio Lower Upper
 112 100
 64 64.2 51.9 77.9
 63 36.7 30.2 45.2

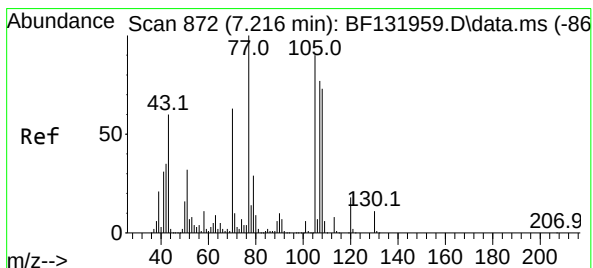
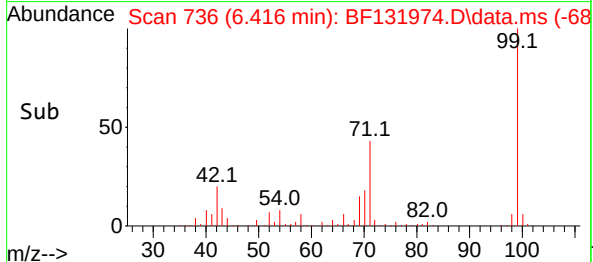
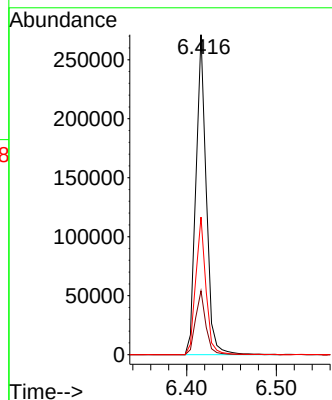
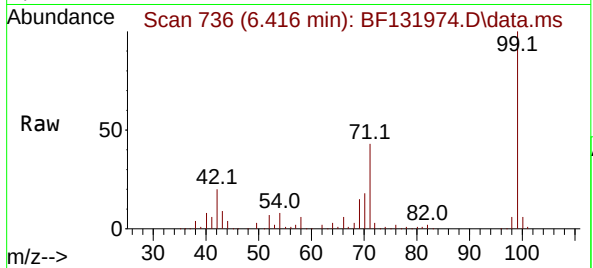




#7
Phenol-d6
Concen: 41.000 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

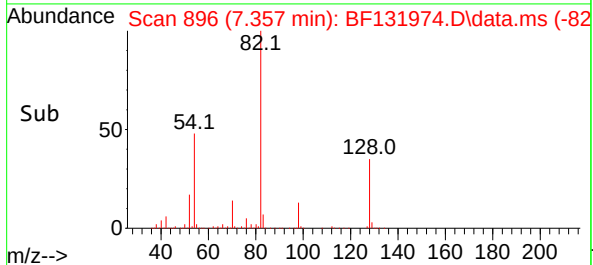
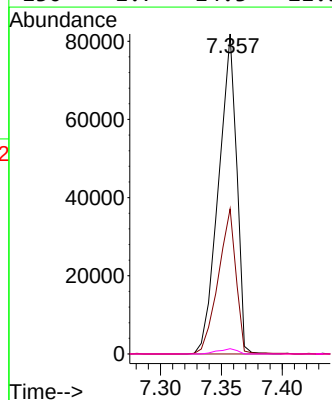
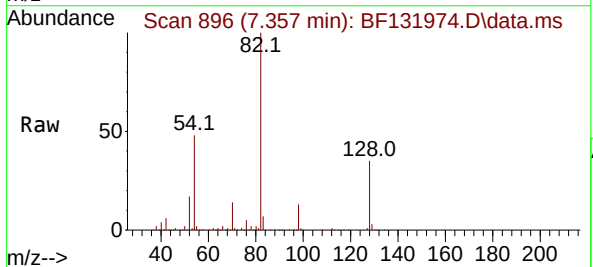
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

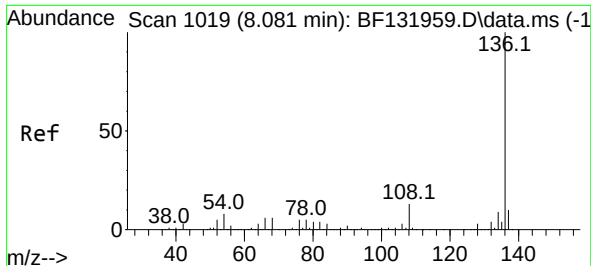
Tgt Ion: 99 Resp: 217833
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 43.0 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.018 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion: 70 Resp: 84624
Ion Ratio Lower Upper
70 100
42 45.3 44.3 66.5
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#



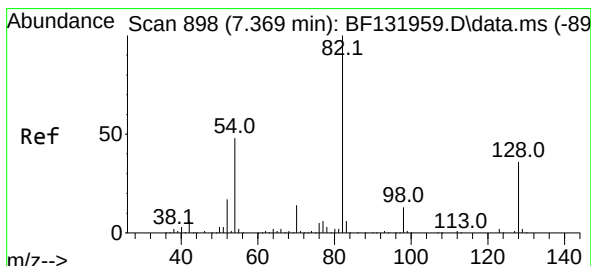
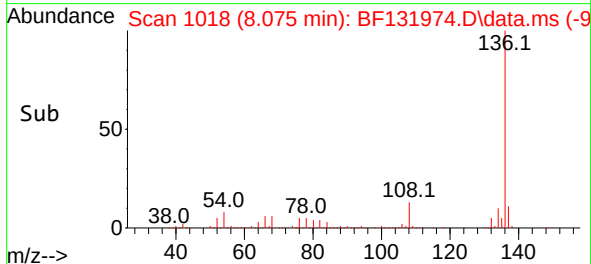
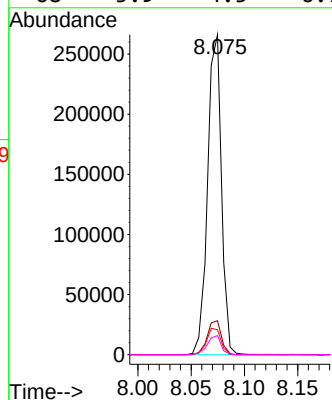
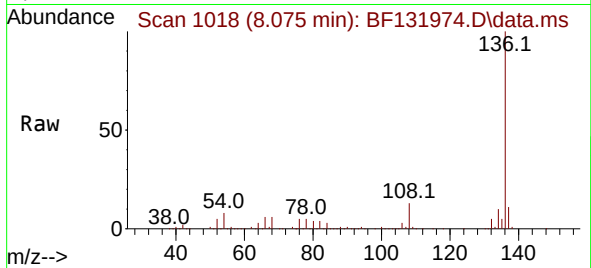


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

Tgt Ion:136 Resp: 241427

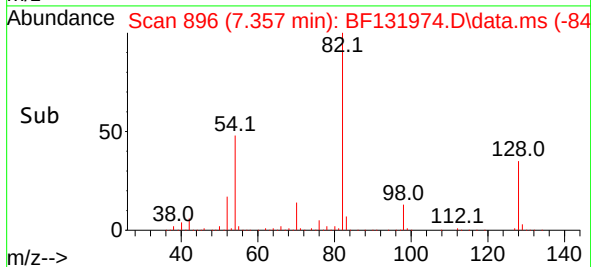
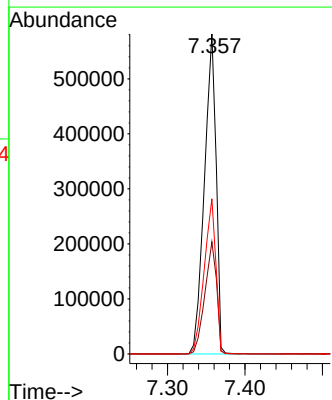
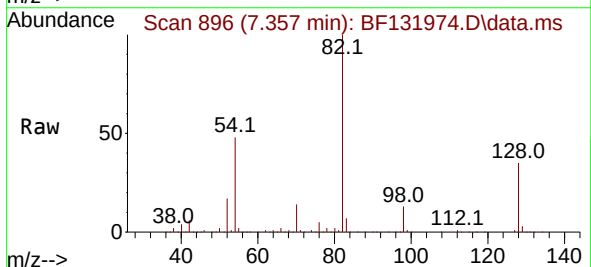
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.8	6.6	9.8
68	5.9	4.5	6.7

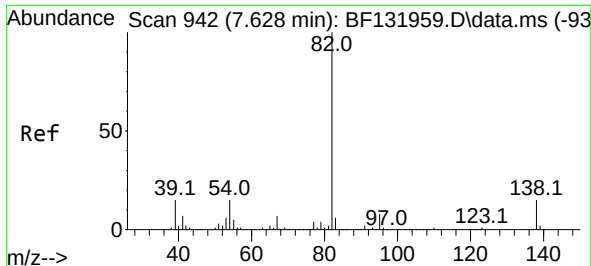


#23
Nitrobenzene-d5
Concen: 104.966 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion: 82 Resp: 610593

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.7	43.1
54	48.5	38.1	57.1

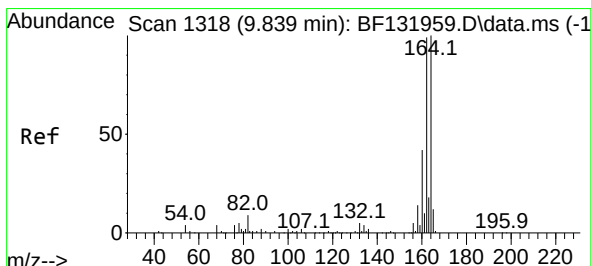
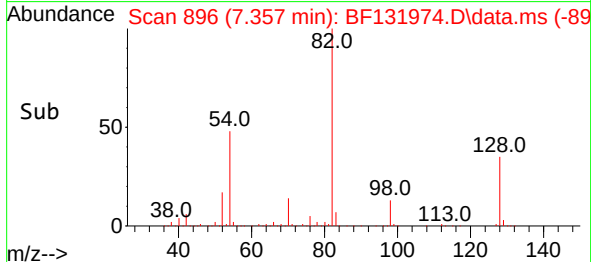
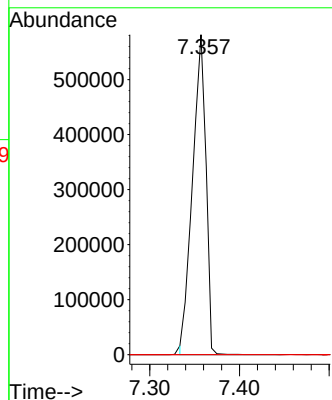
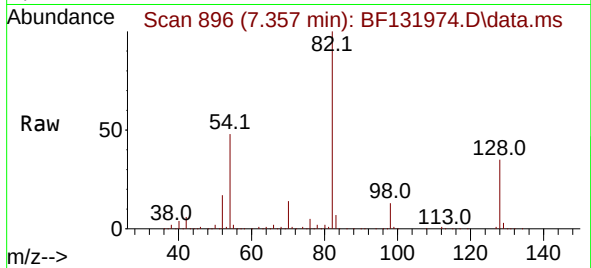




#25
Isophorone
Concen: 55.646 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

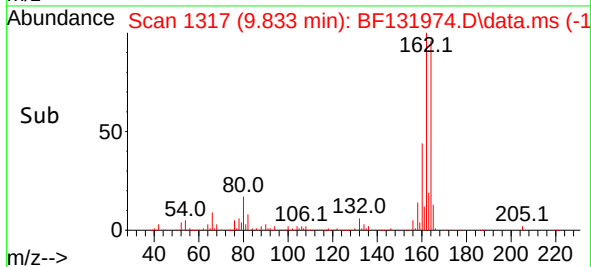
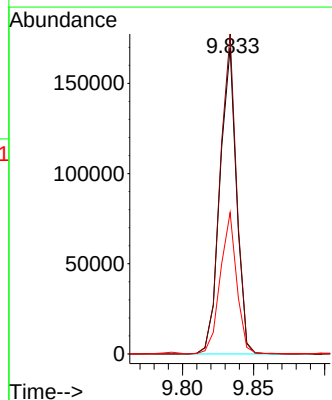
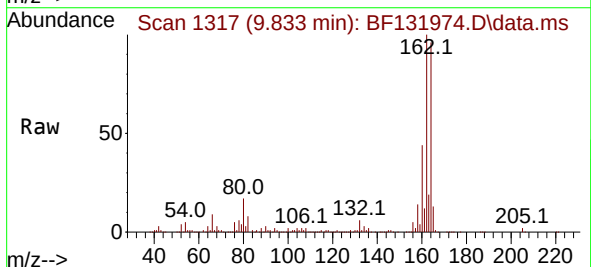
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

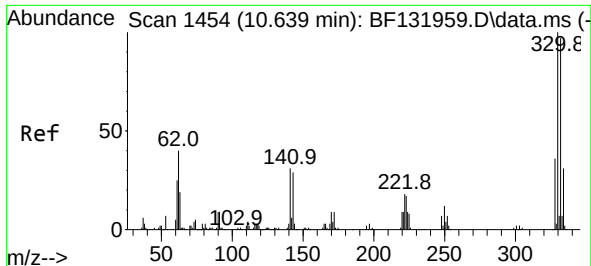
Tgt Ion: 82 Resp: 604714
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion:164 Resp: 137241
Ion Ratio Lower Upper
164 100
162 104.5 79.4 119.0
160 46.2 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 159.401 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131974.D

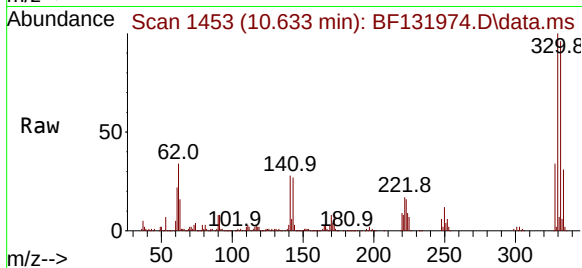
Acq: 09 Jan 2023 21:05

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-1



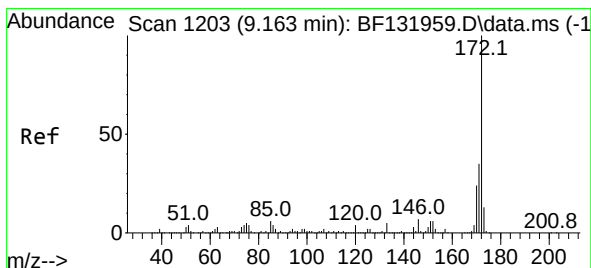
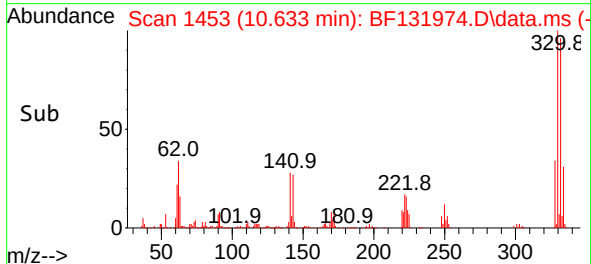
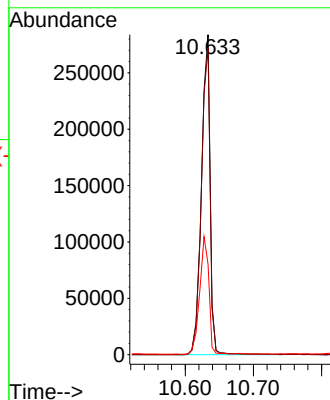
Tgt Ion:330 Resp: 251531

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 38.5 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 105.078 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131974.D

Acq: 09 Jan 2023 21:05

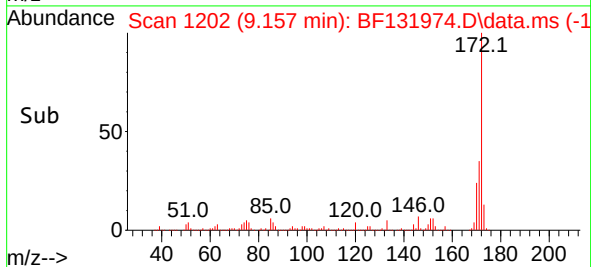
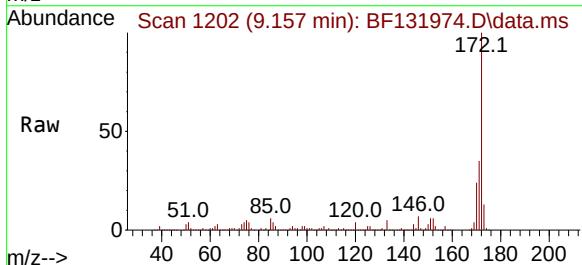
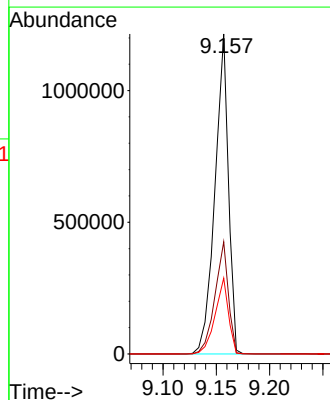
Tgt Ion:172 Resp: 1068255

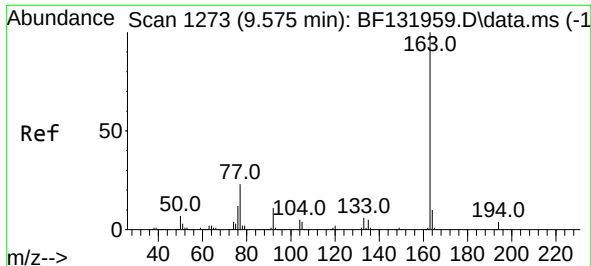
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.7 18.9 28.3

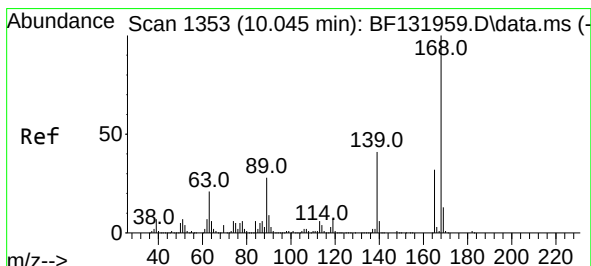
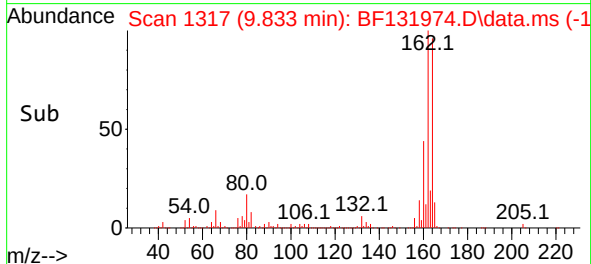
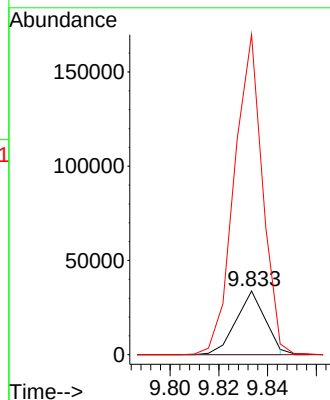
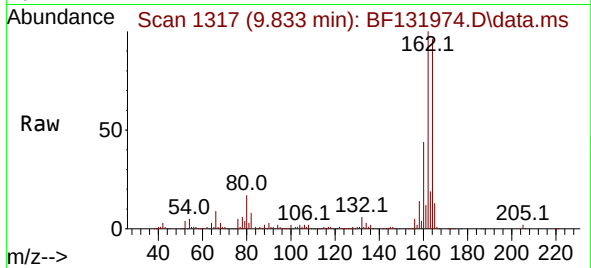




#50
Dimethylphthalate
Concen: 2.638 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

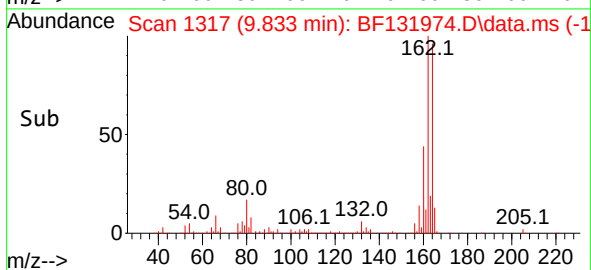
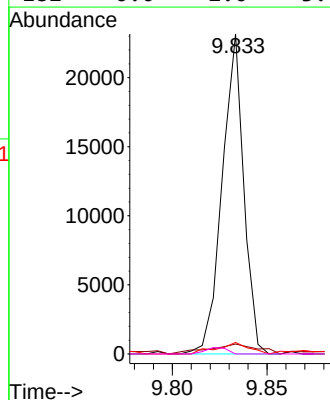
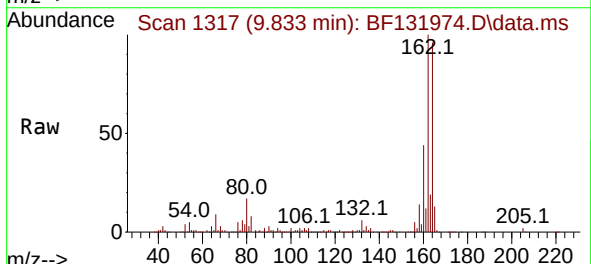
Instrument :
BNA_F
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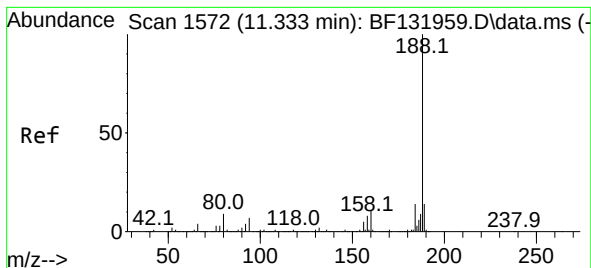
Tgt Ion:163 Resp: 28219
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 501.9 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 6.103 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.212 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion:165 Resp: 18359
Ion Ratio Lower Upper
165 100
63 3.1 53.2 79.8#
89 3.6 71.2 106.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131974.D

Acq: 09 Jan 2023 21:05

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-1

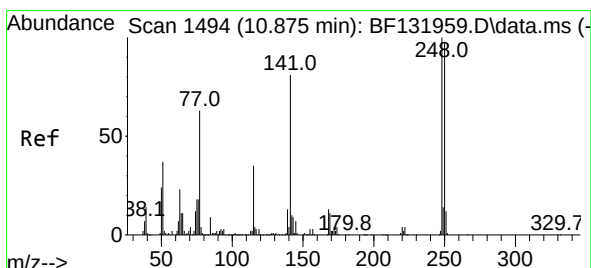
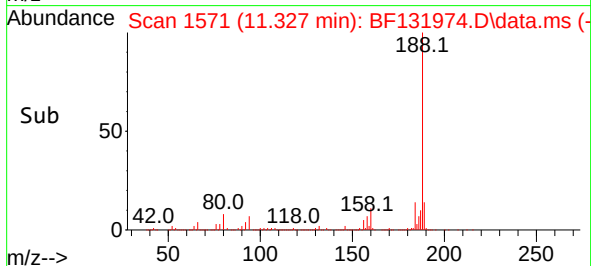
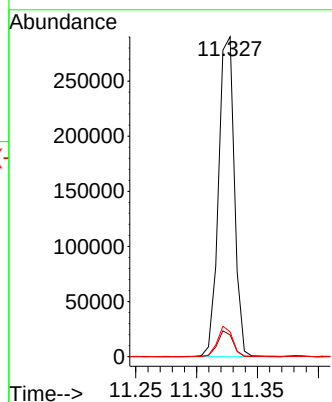
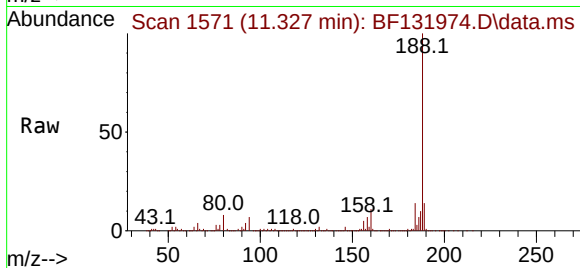
Tgt Ion:188 Resp: 262876

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 7.8 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 5.022 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.247 min

Lab File: BF131974.D

Acq: 09 Jan 2023 21:05

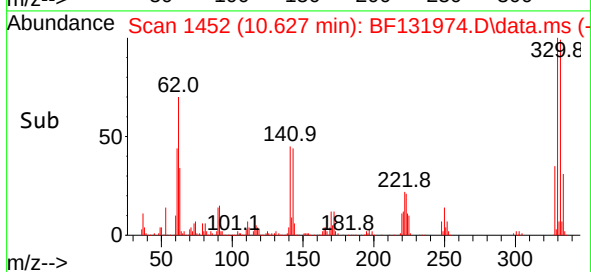
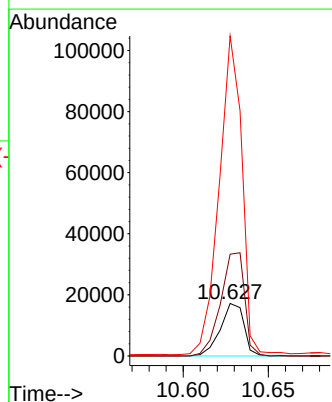
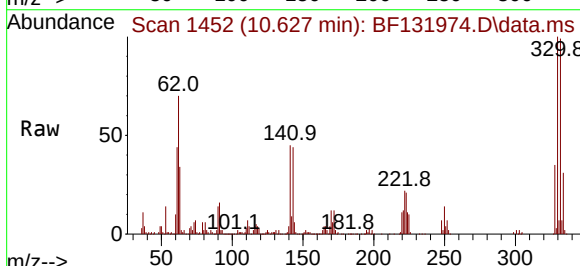
Tgt Ion:248 Resp: 16514

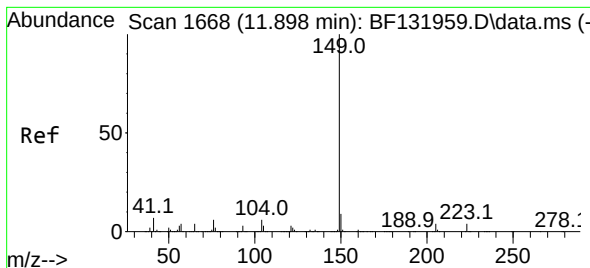
Ion Ratio Lower Upper

248 100

250 194.1 77.4 116.2#

141 610.2 65.0 97.6#

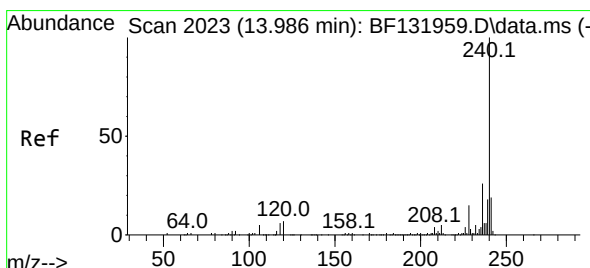
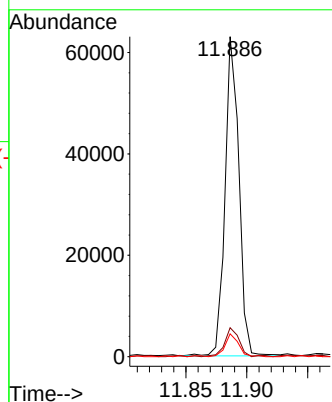
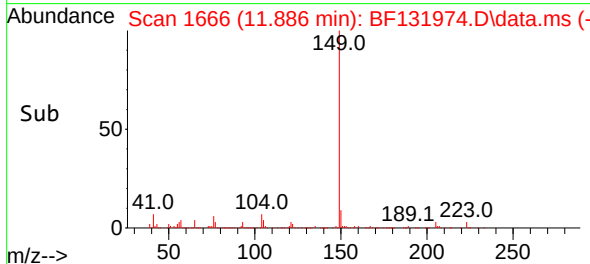
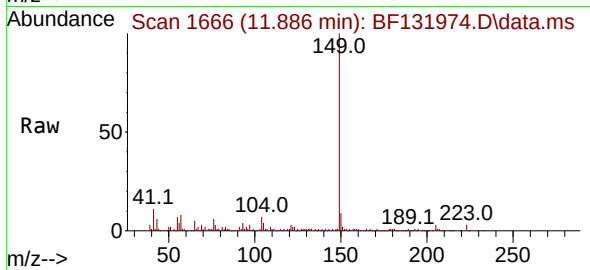




#74
Di-n-butylphthalate
Concen: 3.079 ng
RT: 11.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

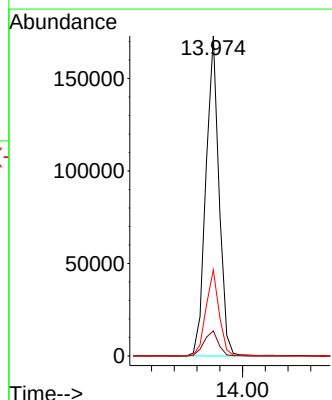
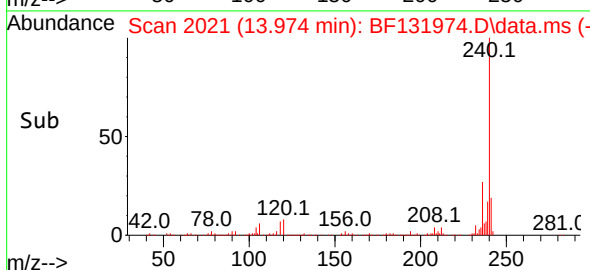
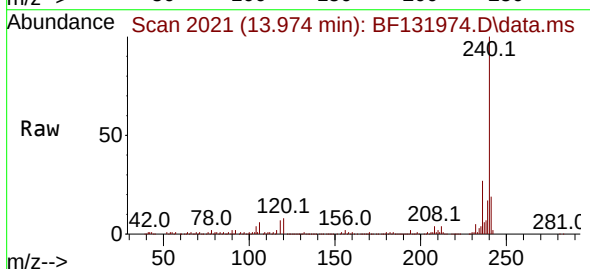
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

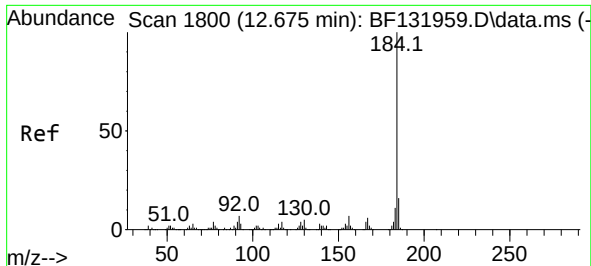
Tgt Ion:149 Resp: 50079
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 7.1 5.0 7.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion:240 Resp: 138551
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 26.9 21.1 31.7

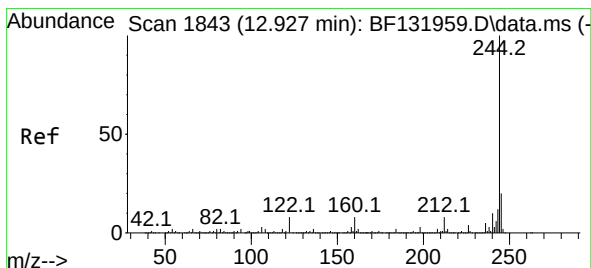
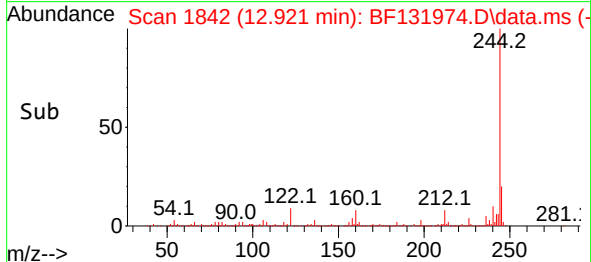
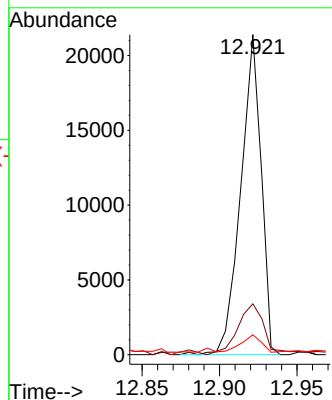
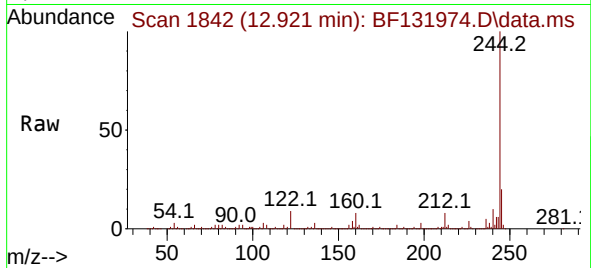




#77
Benzidine
Concen: 4.264 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.246 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

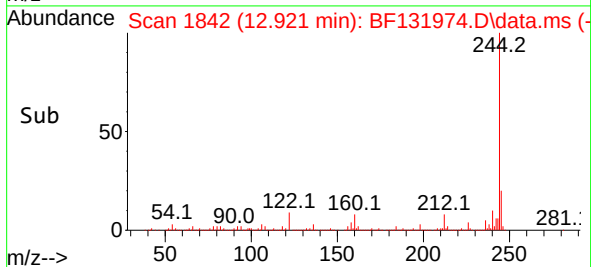
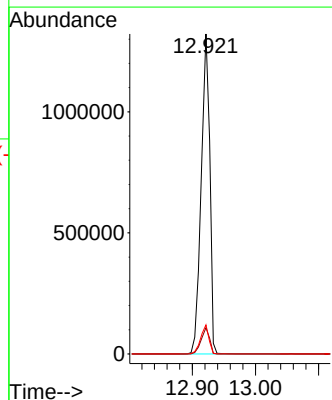
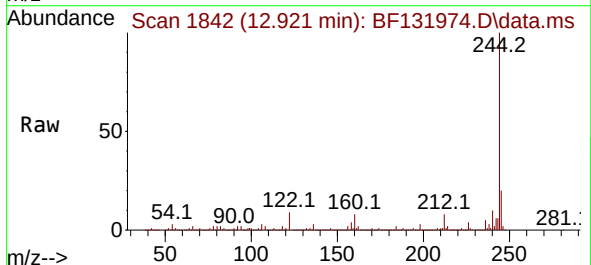
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-1

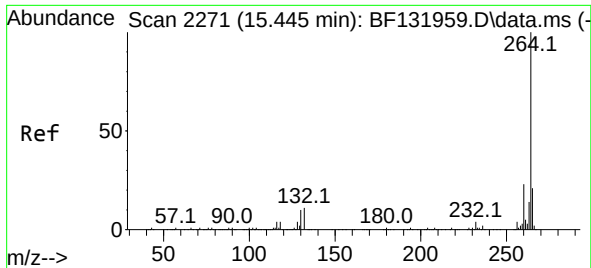
Tgt Ion:184 Resp: 19625
Ion Ratio Lower Upper
184 100
185 15.9 12.8 19.2
183 6.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 128.593 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF131974.D
Acq: 09 Jan 2023 21:05

Tgt Ion:244 Resp: 1243075
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 9.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131974.D
 Acq: 09 Jan 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-1

Tgt Ion:264 Resp: 125270
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.8 16.9 25.3

