

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138007.D
 Acq On : 22 May 2024 16:21
 Operator : CG\JU
 Sample : P2563-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: May 22 17:03:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

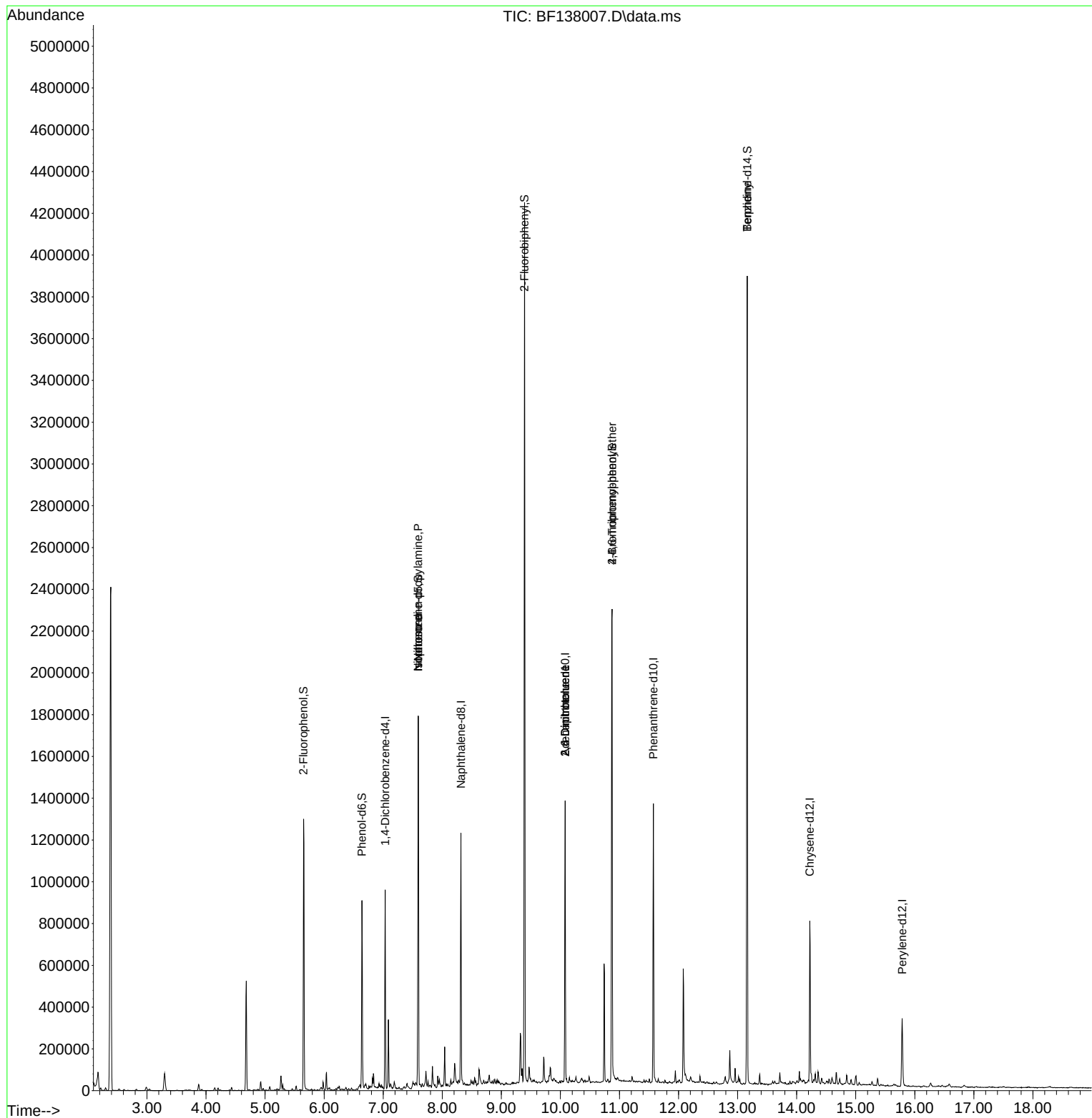
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	129085	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	491378	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	264791	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	457271	20.000	ng	0.00
76) Chrysene-d12	14.222	240	264047	20.000	ng	0.00
86) Perylene-d12	15.786	264	111814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	381218	50.165	ng	-0.01
7) Phenol-d6	6.640	99	299113	31.953	ng	-0.02
23) Nitrobenzene-d5	7.593	82	551811	66.088	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	330264	123.700	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1229019	71.497	ng	0.00
79) Terphenyl-d14	13.163	244	1297239	72.406	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.593	70	71512	13.597	ng	# 76
25) Isophorone	7.593	82	550557	37.992	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	34811	9.134	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	34811	7.066	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	21350	4.259	ng	# 1
77) Benzidine	13.163	184	15452	4.478	ng	# 87

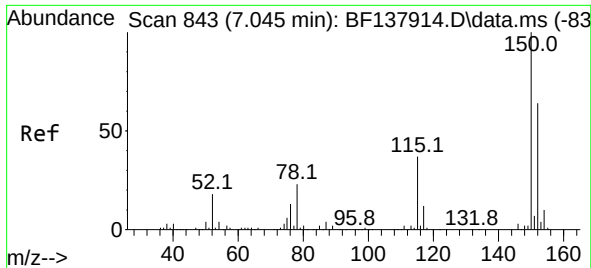
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
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ALS Vial : 14 Sample Multiplier: 1

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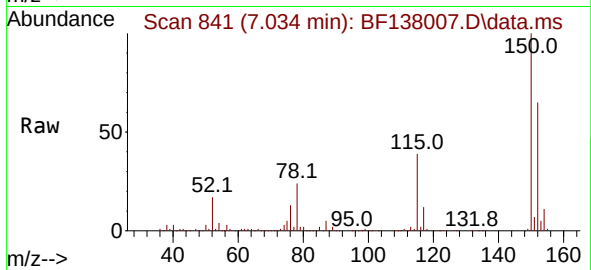
Quant Time: May 22 17:03:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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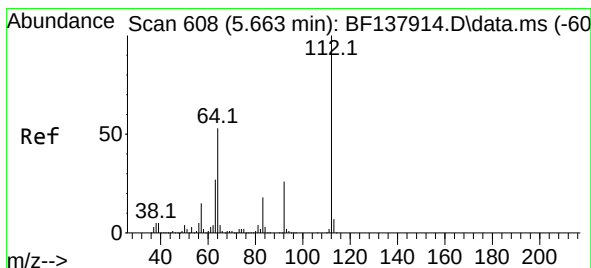
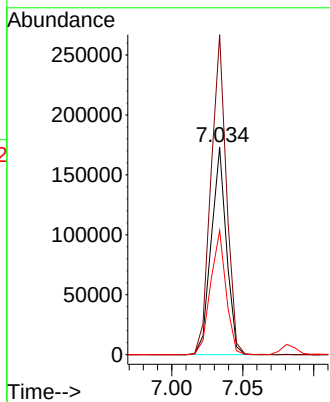
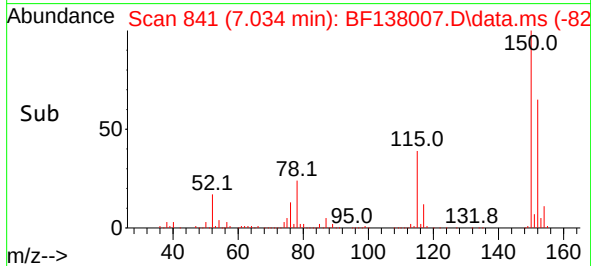


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

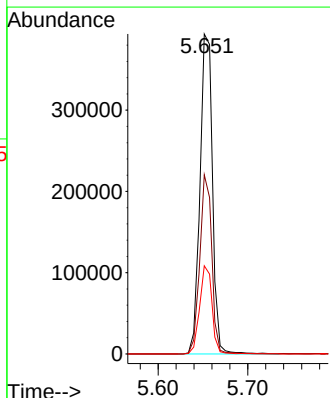
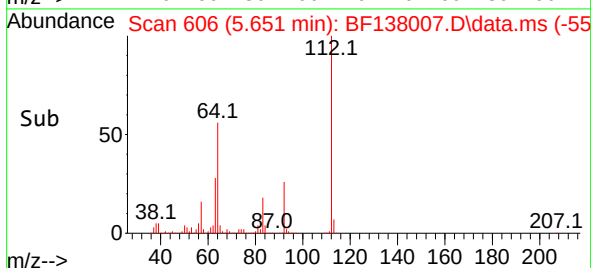
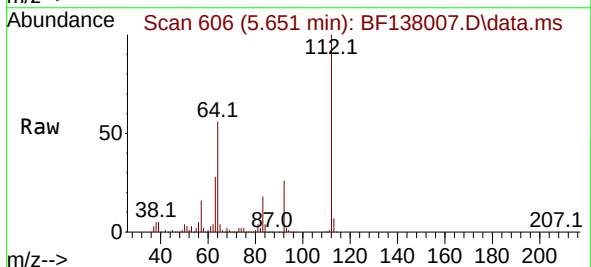


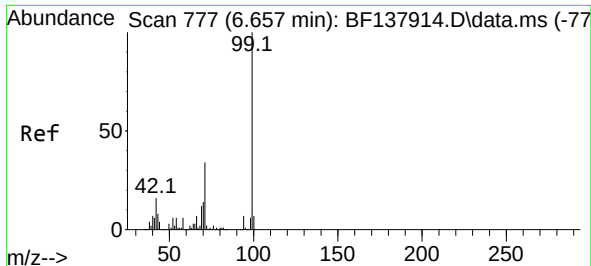
Tgt Ion:152 Resp: 129085
Ion Ratio Lower Upper
152 100
150 154.2 125.7 188.5
115 59.8 47.0 70.6



#5
2-Fluorophenol
Concen: 50.165 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Tgt Ion:112 Resp: 381218
Ion Ratio Lower Upper
112 100
64 56.0 42.4 63.6
63 27.6 21.4 32.2

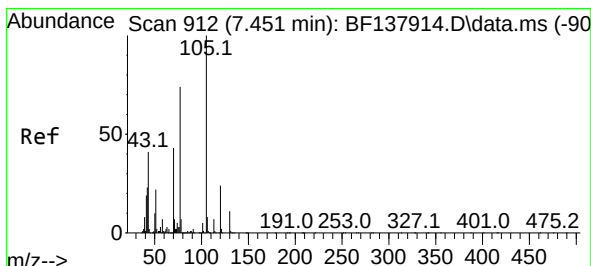
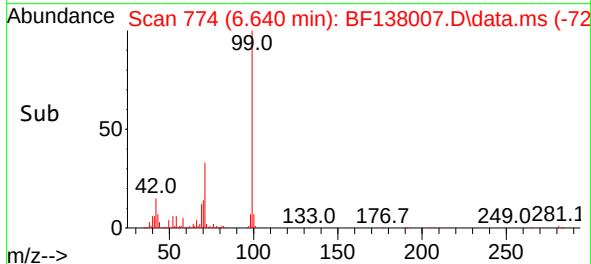
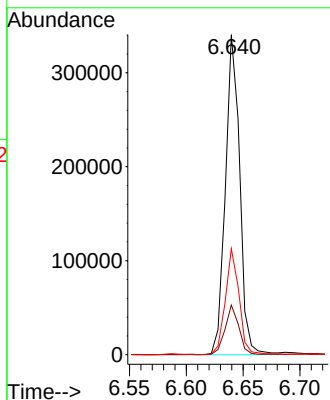
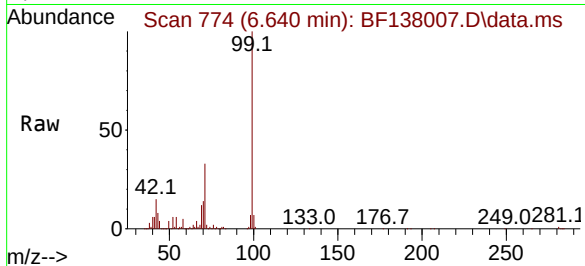




#7
Phenol-d6
Concen: 31.953 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

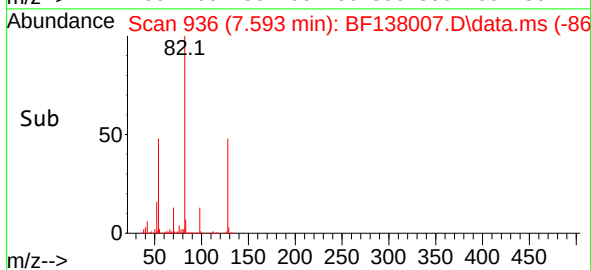
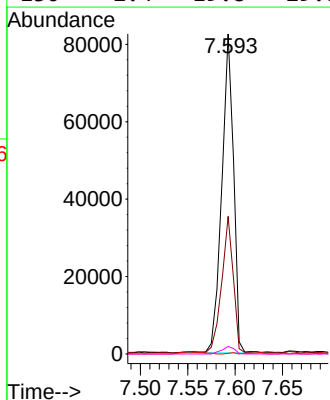
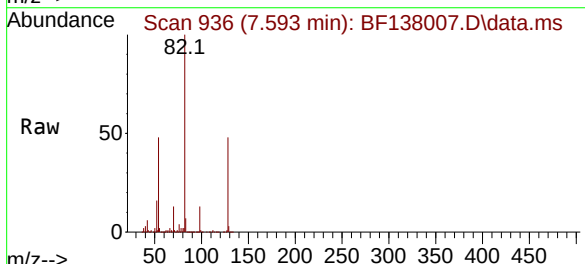
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

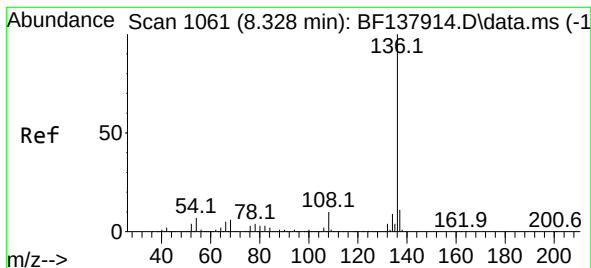
Tgt Ion: 99 Resp: 299113
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.597 ng
RT: 7.593 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Tgt Ion: 70 Resp: 71512
Ion Ratio Lower Upper
70 100
42 43.0 42.2 63.4
101 0.2 8.8 13.2#
130 2.4 19.8 29.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BF138007.D

Acq: 22 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

Tgt Ion:136 Resp: 491378

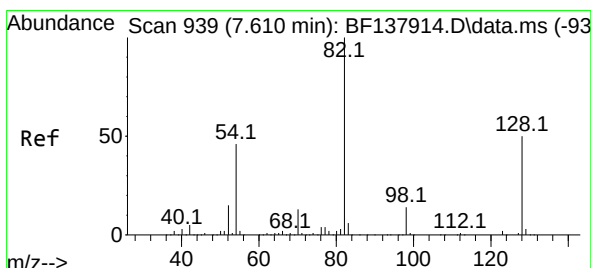
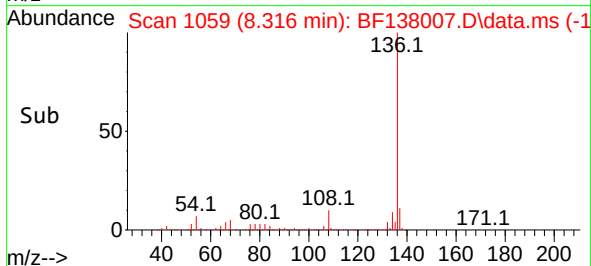
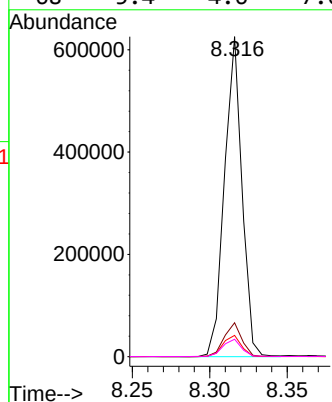
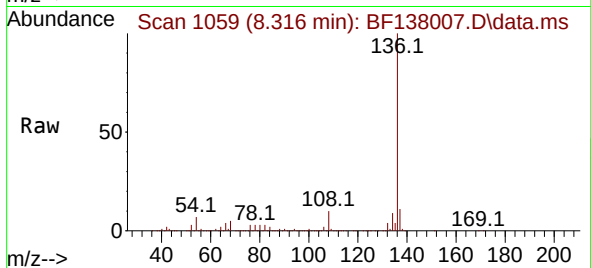
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.6 5.4 8.2

68 5.4 4.6 7.0



#23

Nitrobenzene-d5

Concen: 66.088 ng

RT: 7.593 min Scan# 936

Delta R.T. -0.017 min

Lab File: BF138007.D

Acq: 22 May 2024 16:21

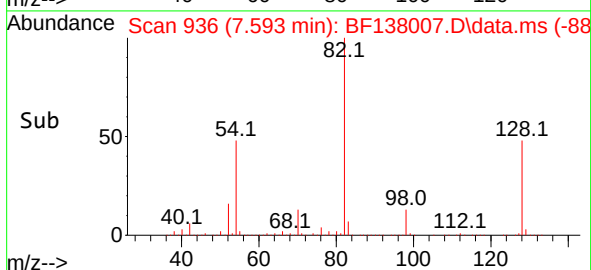
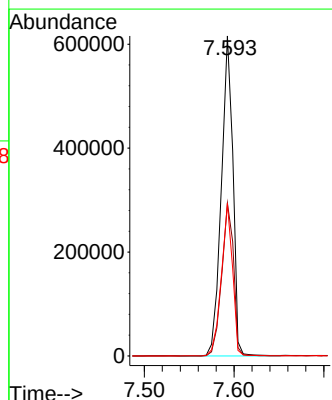
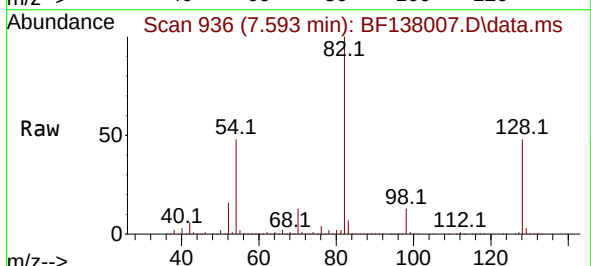
Tgt Ion: 82 Resp: 551811

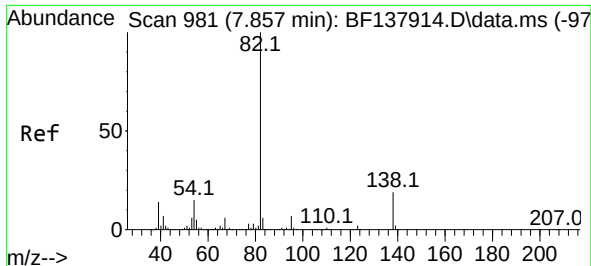
Ion Ratio Lower Upper

82 100

128 47.8 40.3 60.5

54 47.7 36.8 55.2

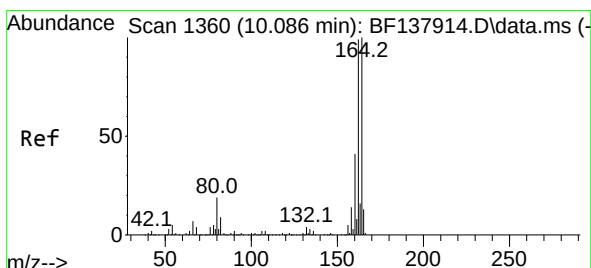
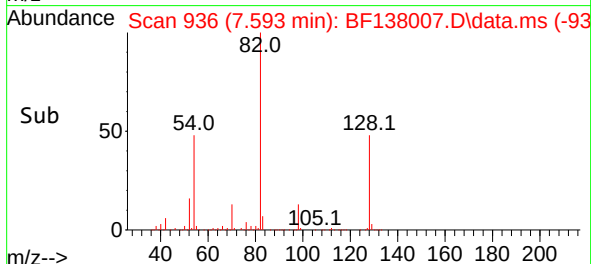
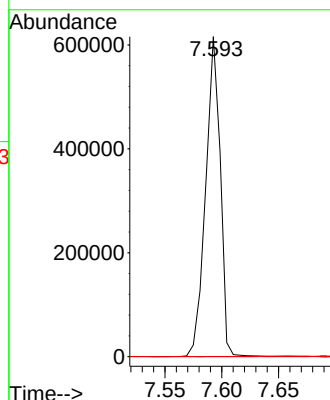
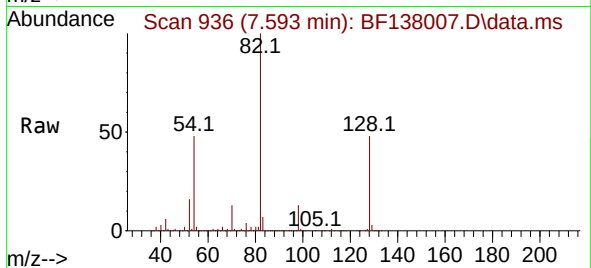




#25
Isophorone
Concen: 37.992 ng
RT: 7.593 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

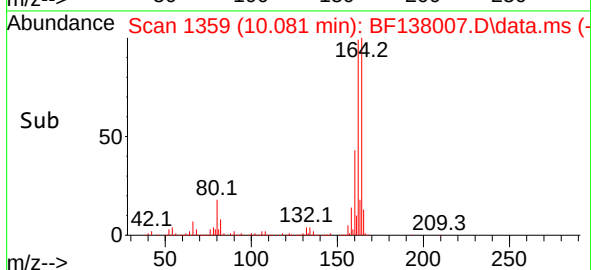
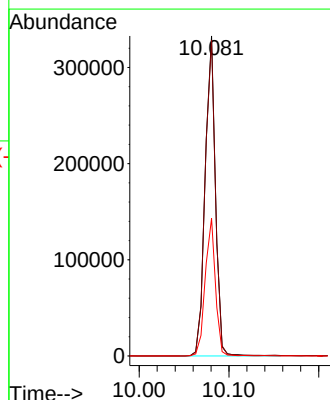
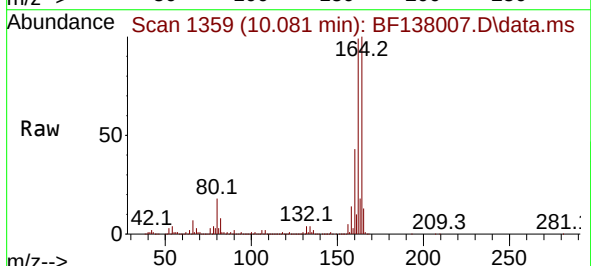
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

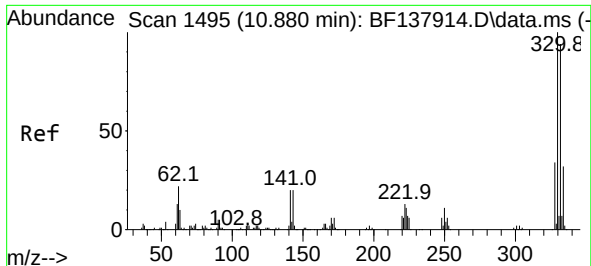
Tgt Ion: 82 Resp: 550557
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Tgt Ion:164 Resp: 264791
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 43.0 33.1 49.7

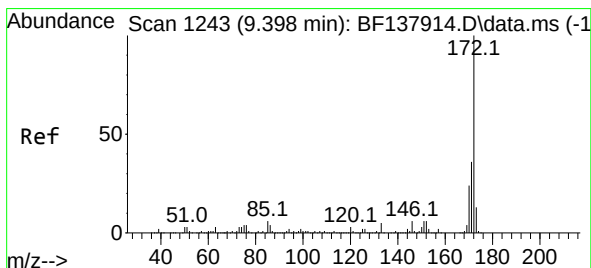
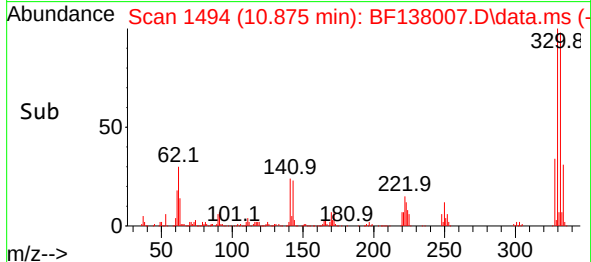
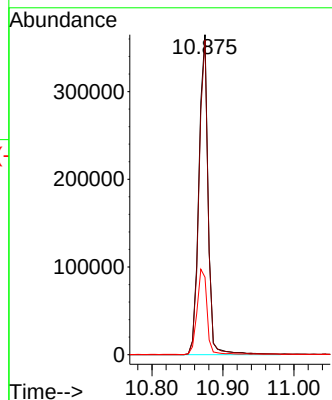
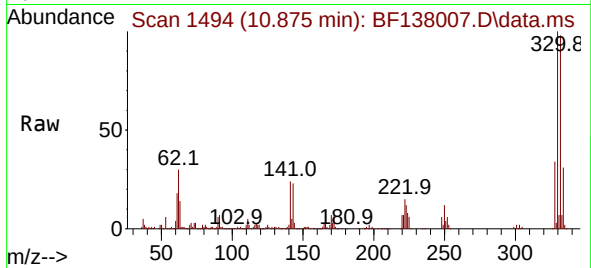




#42
2,4,6-Tribromophenol
Concen: 123.700 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

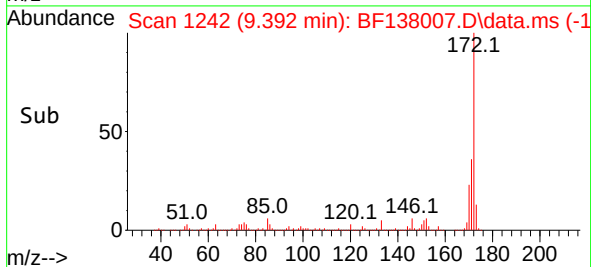
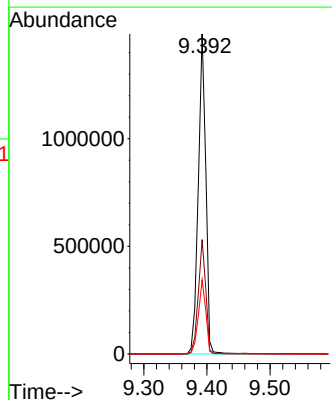
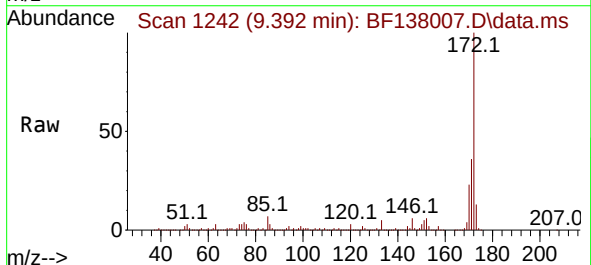
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

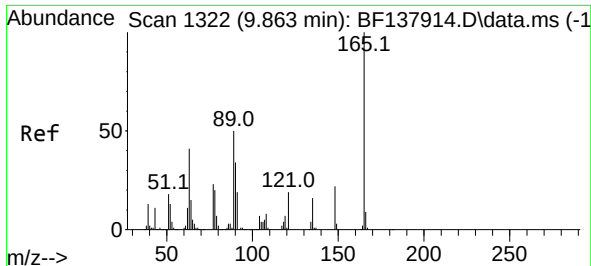
Tgt Ion:330 Resp: 330264
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.8
141 28.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 71.497 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Tgt Ion:172 Resp: 1229019
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.2 18.9 28.3

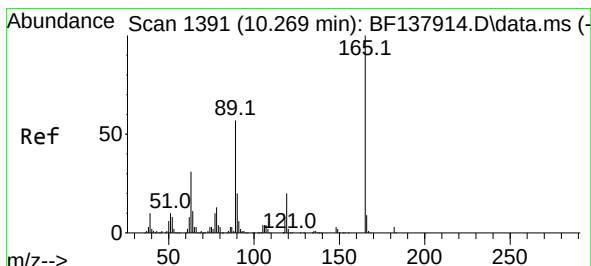
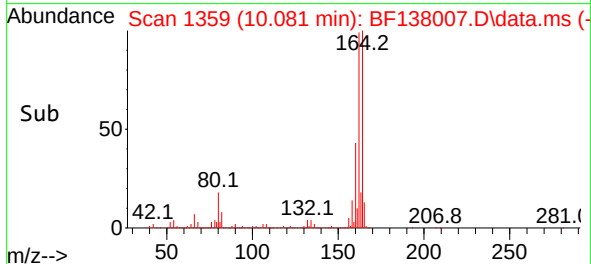
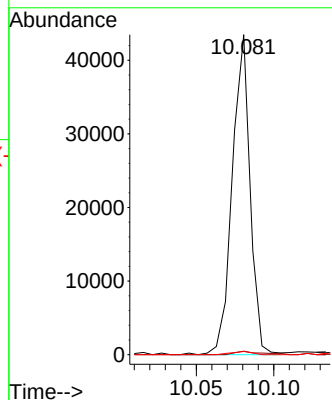
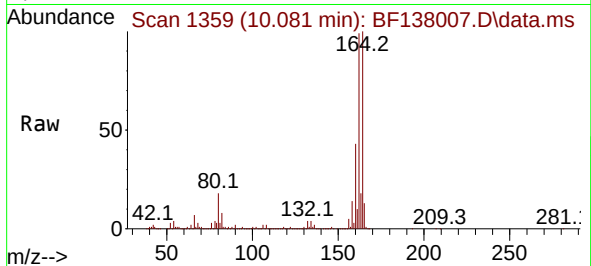




#51
2,6-Dinitrotoluene
Concen: 9.134 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

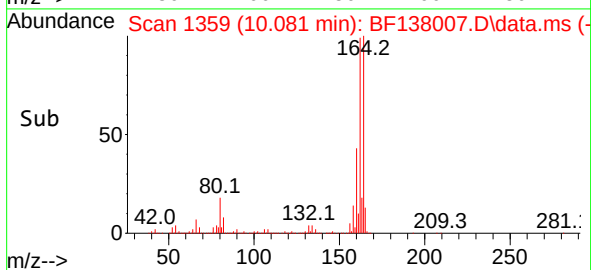
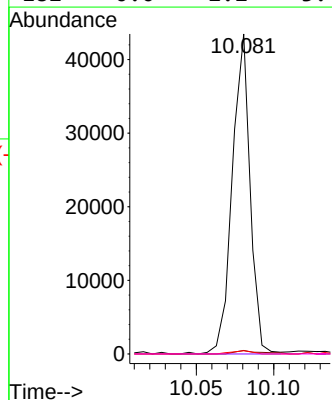
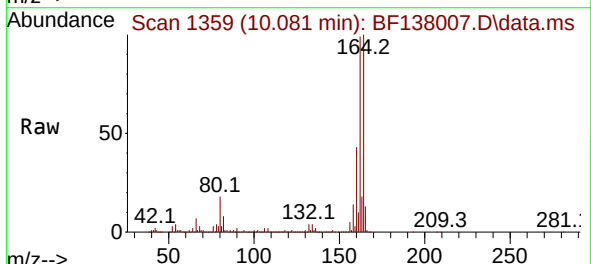
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

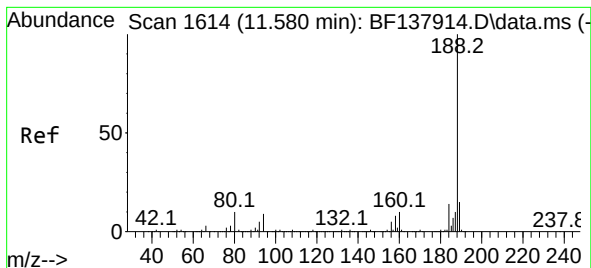
Tgt Ion:165 Resp: 34811
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.066 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

Tgt Ion:165 Resp: 34811
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138007.D

Acq: 22 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

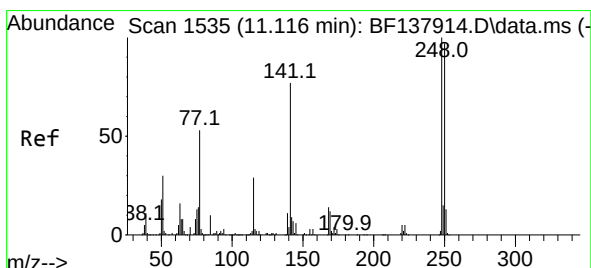
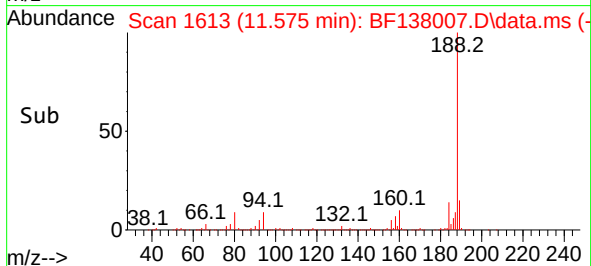
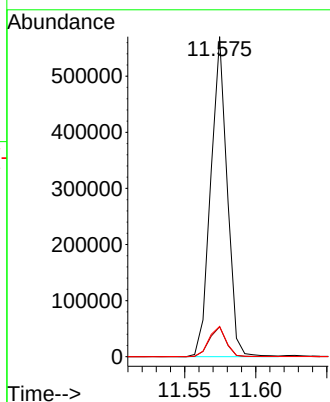
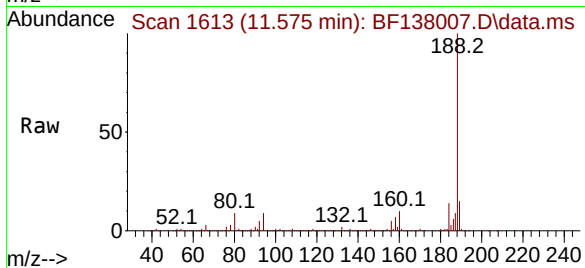
Tgt Ion:188 Resp: 457271

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.5 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.259 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138007.D

Acq: 22 May 2024 16:21

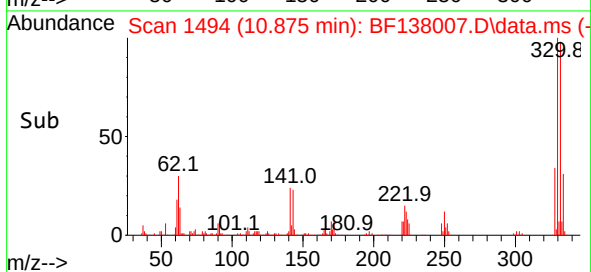
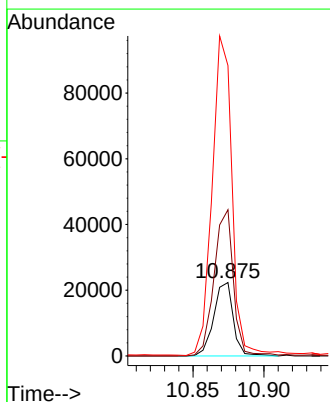
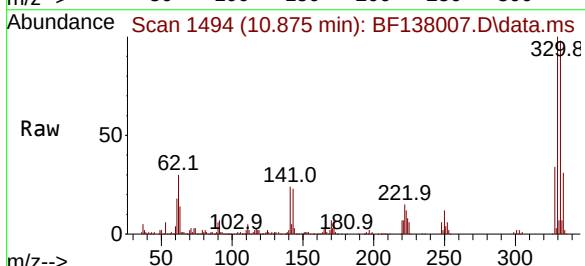
Tgt Ion:248 Resp: 21350

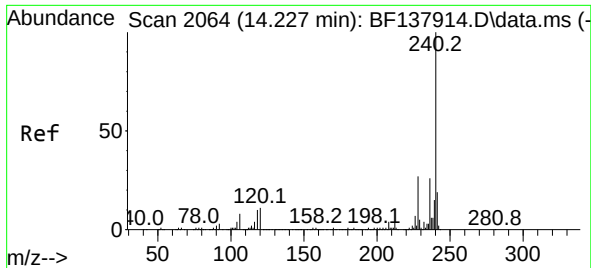
Ion Ratio Lower Upper

248 100

250 199.2 77.6 116.4#

141 395.7 61.4 92.2#

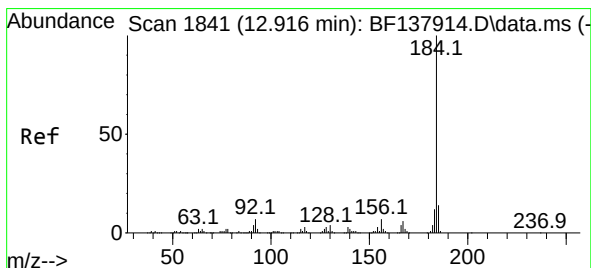
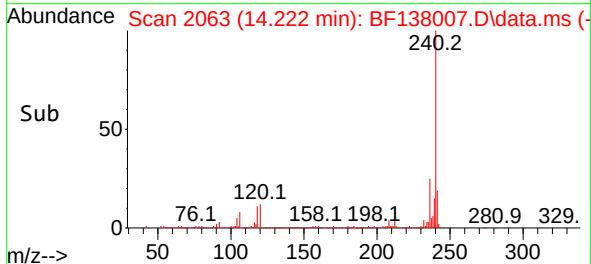
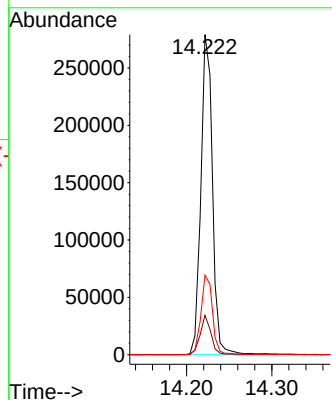
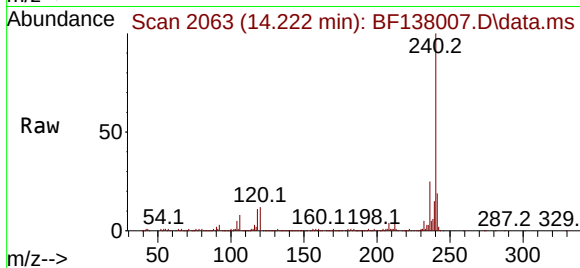




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

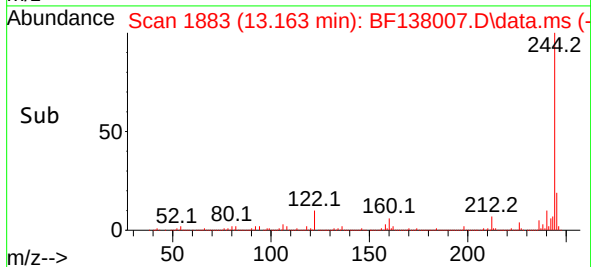
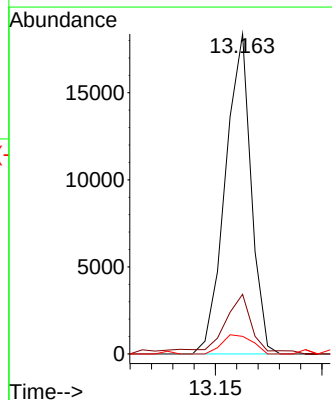
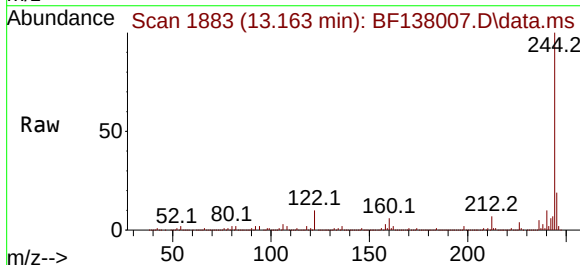
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

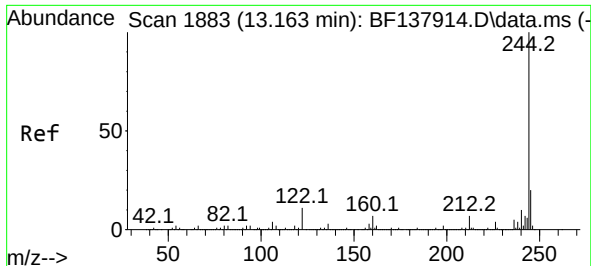
Tgt Ion:240 Resp: 264047
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 24.8 21.0 31.4



#77
Benzidine
Concen: 4.478 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF138007.D
Acq: 22 May 2024 16:21

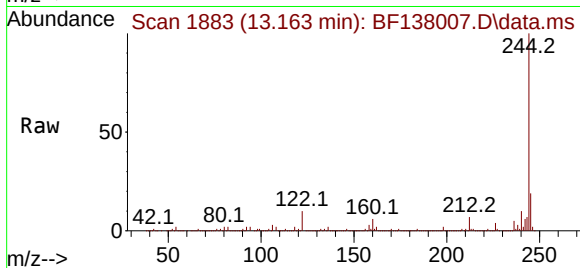
Tgt Ion:184 Resp: 15452
Ion Ratio Lower Upper
184 100
185 18.7 11.4 17.2#
183 5.5 9.5 14.3#



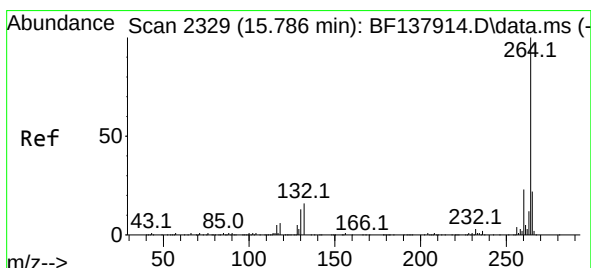
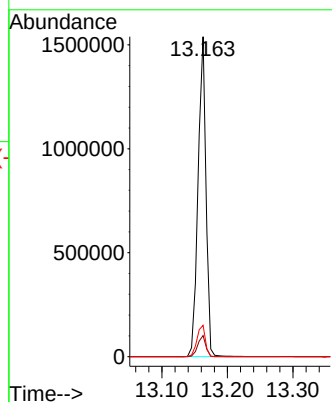
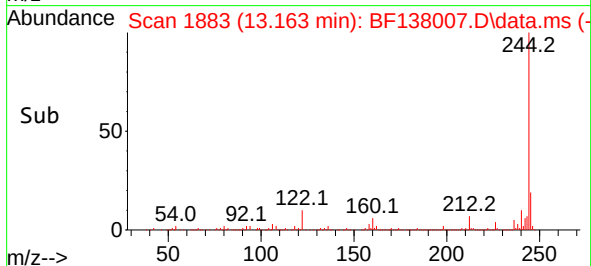


#79
 Terphenyl-d14
 Concen: 72.406 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF138007.D
 Acq: 22 May 2024 16:21

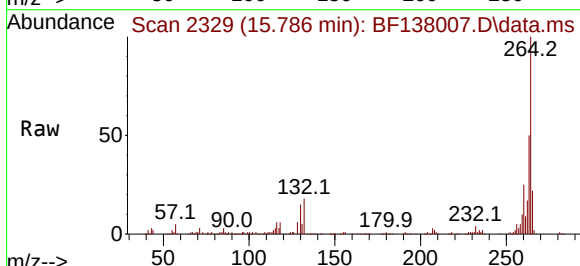
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER



Tgt Ion:244 Resp: 1297239
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF138007.D
 Acq: 22 May 2024 16:21



Tgt Ion:264 Resp: 111814
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.3 27.5
 265 21.5 17.6 26.4

