

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133375.D
 Acq On : 12 May 2023 18:18
 Operator : CG\JU
 Sample : 02744-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-OILYWATERDL

Quant Time: May 12 23:36:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

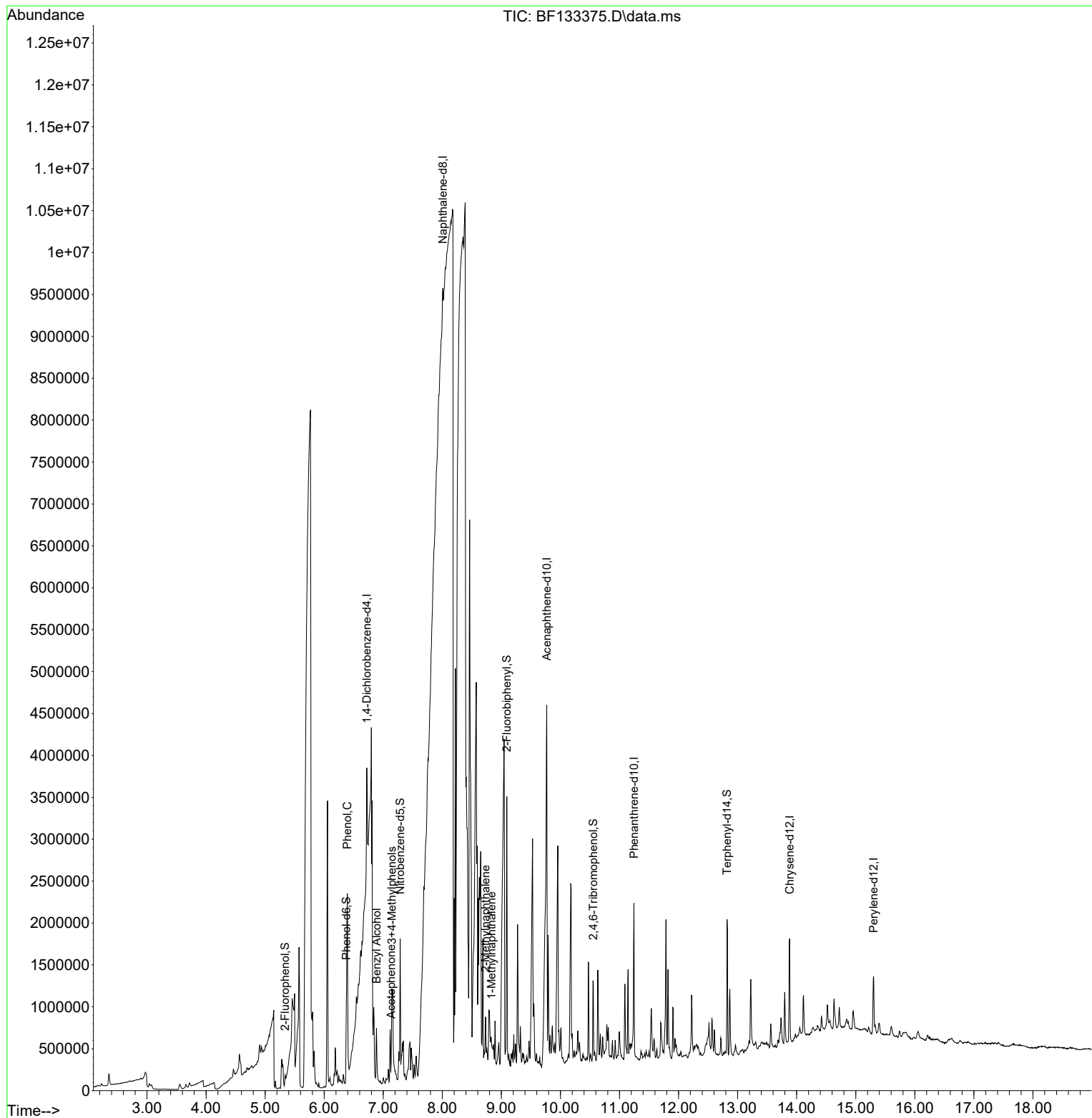
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	191418	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	383193	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	591970	20.000	ng	0.01
64) Phenanthrene-d10	11.245	188	585130	20.000	ng	0.00
76) Chrysene-d12	13.880	240	410968	20.000	ng	0.00
86) Perylene-d12	15.304	264	318813	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	86261	6.807	ng	0.01
7) Phenol-d6	6.375	99	338608	21.529	ng	0.00
23) Nitrobenzene-d5	7.287	82	443608	62.487	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	111279	18.692	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	847428	23.950	ng	0.00
79) Terphenyl-d14	12.822	244	573393	24.063	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.393	94	738824	42.581	ng	97
15) Benzyl Alcohol	6.887	79	128201	11.800	ng	96
20) 3+4-Methylphenols	7.145	107	493917	35.600	ng	# 57
22) Acetophenone	7.134	105	32962	3.713	ng	# 96
37) 2-Methylnaphthalene	8.734	142	41285	3.152	ng	99
38) 1-Methylnaphthalene	8.834	142	27358	2.233	ng	98

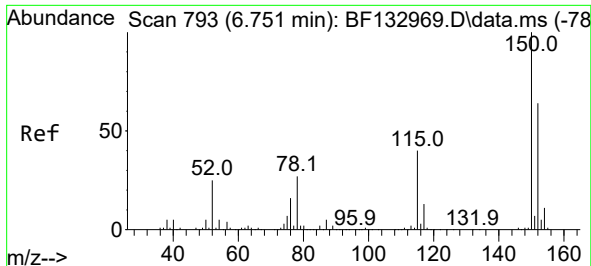
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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PL-OILYWATERDL

Quant Time: May 12 23:36:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

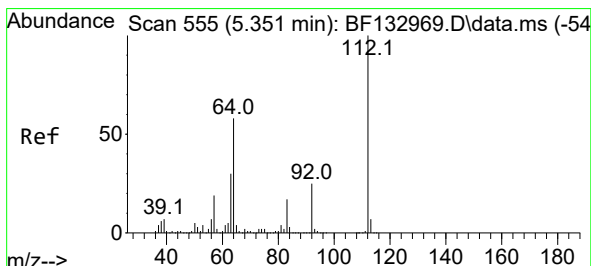
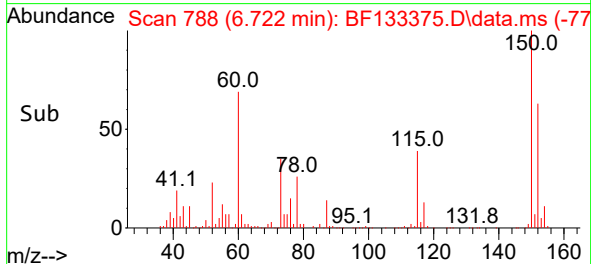
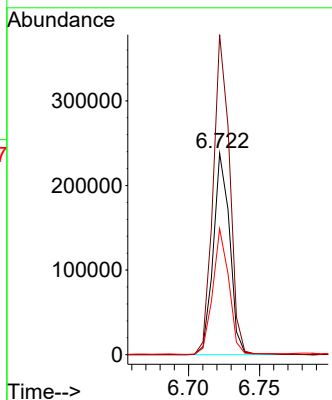
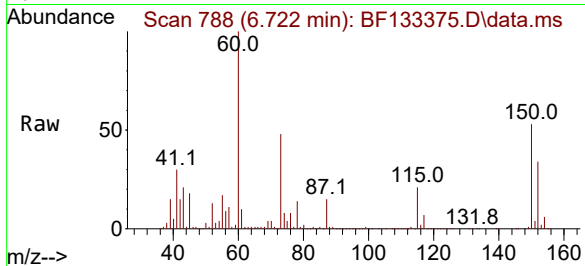




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

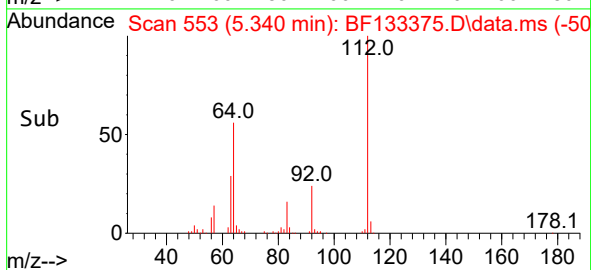
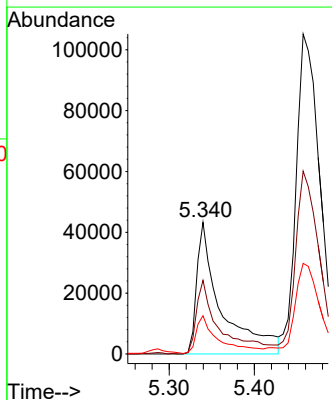
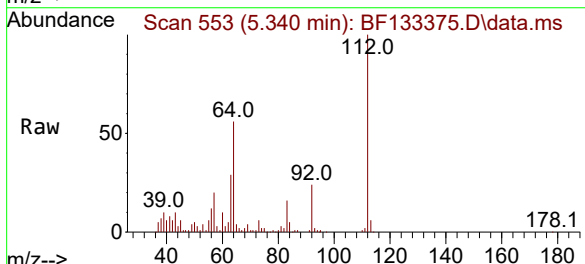
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATERDL

Tgt Ion:152 Resp: 191418
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 6.807 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

Tgt Ion:112 Resp: 86261
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 29.1 23.8 35.8

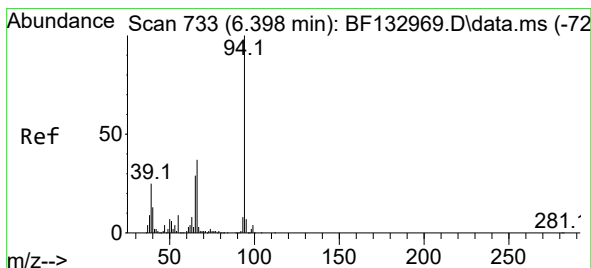
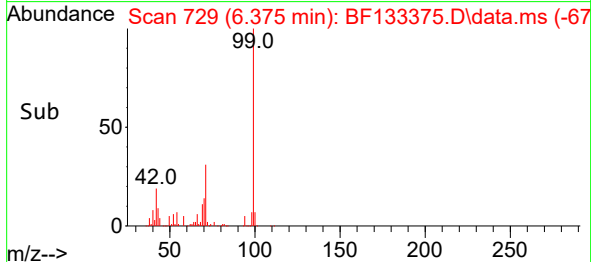
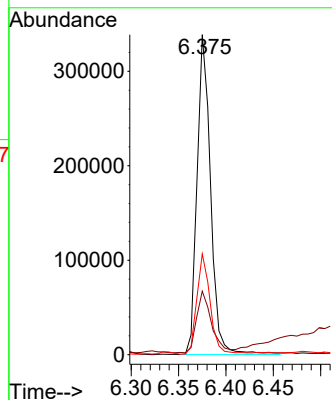
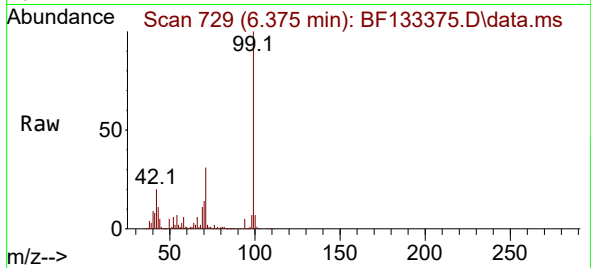




#7
Phenol-d6
Concen: 21.529 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

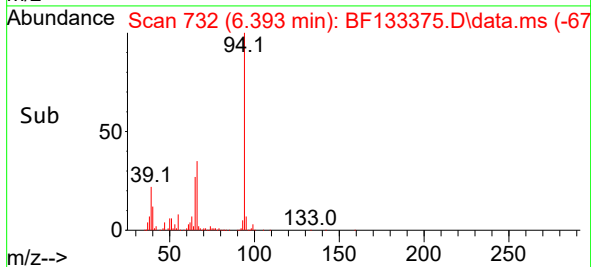
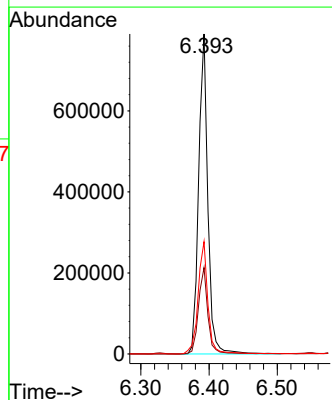
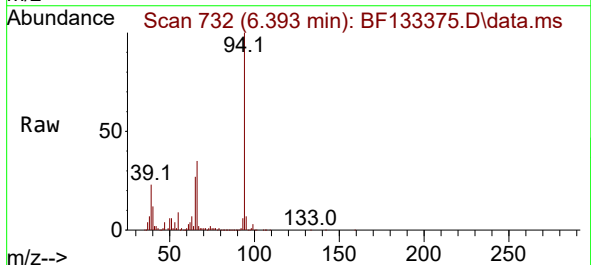
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATERDL

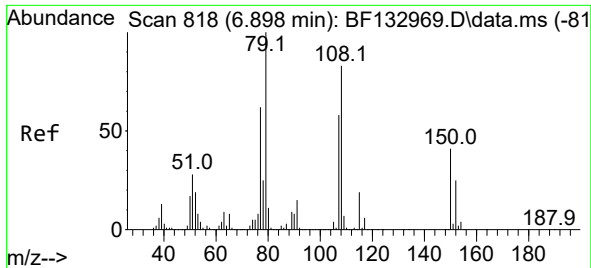
Tgt Ion: 99 Resp: 338608
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 31.5 25.6 38.4



#10
Phenol
Concen: 42.581 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

Tgt Ion: 94 Resp: 738824
Ion Ratio Lower Upper
94 100
65 27.0 8.6 48.6
66 35.1 17.3 57.3

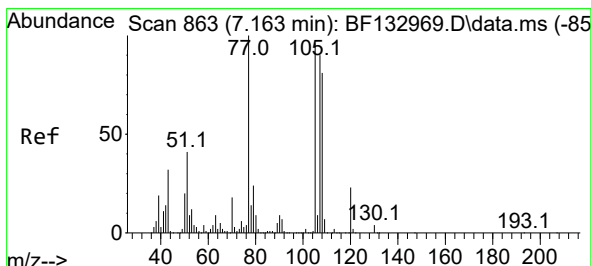
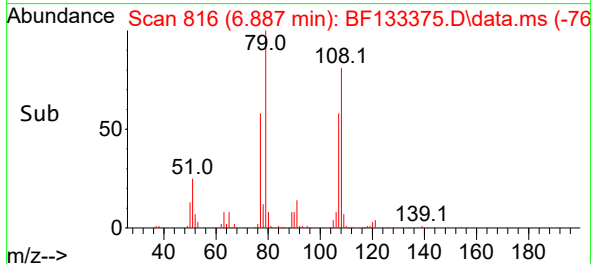
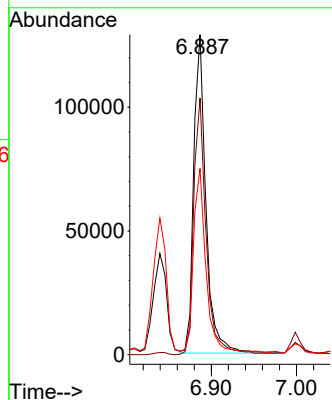
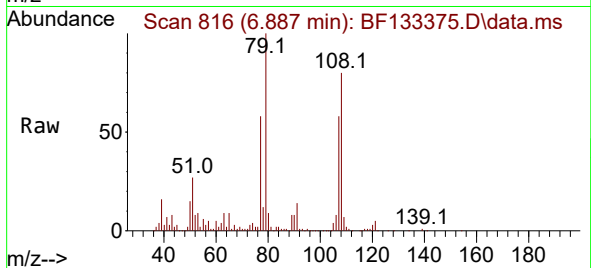




#15
Benzyl Alcohol
Concen: 11.800 ng
RT: 6.887 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

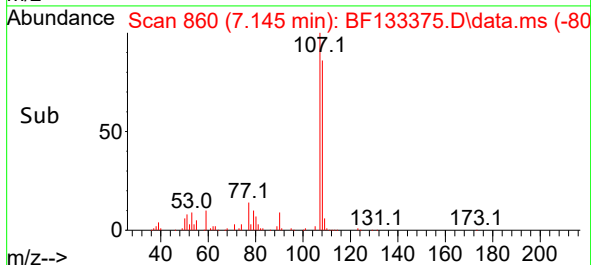
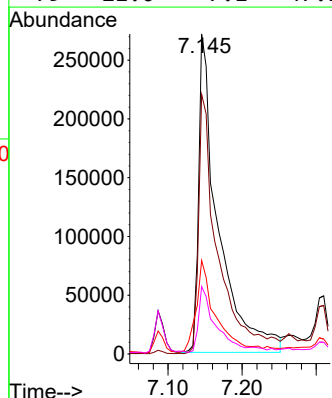
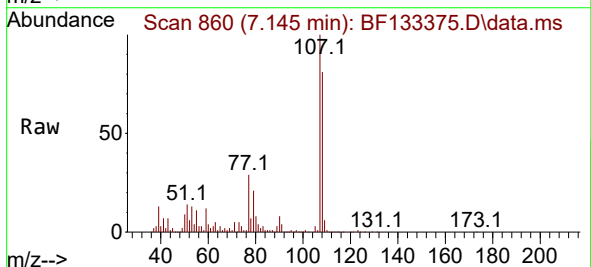
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATERDL

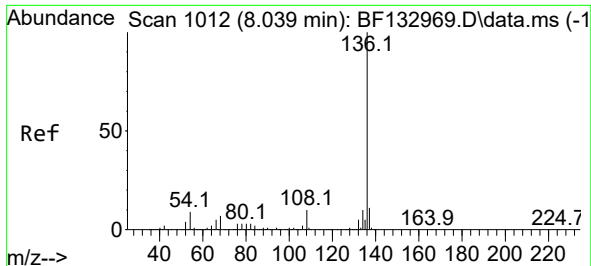
Tgt Ion: 79 Resp: 128201
Ion Ratio Lower Upper
79 100
108 80.2 66.6 99.8
77 58.2 49.2 73.8



#20
3+4-Methylphenols
Concen: 35.600 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

Tgt Ion: 107 Resp: 493917
Ion Ratio Lower Upper
107 100
108 81.1 70.5 110.5
77 29.2 91.7 131.7#
79 21.0 7.1 47.1

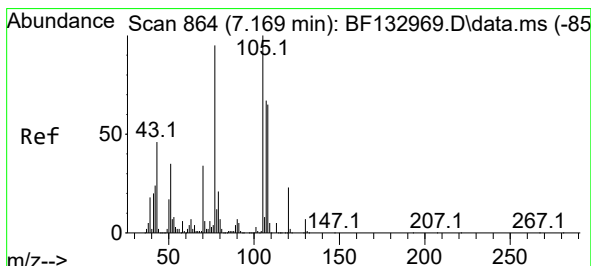
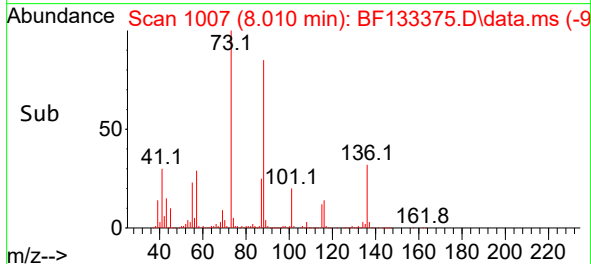
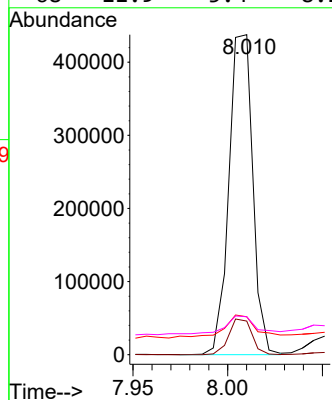
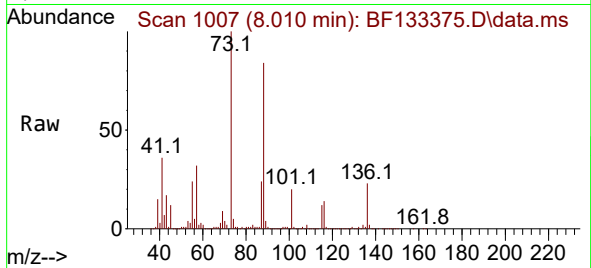




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

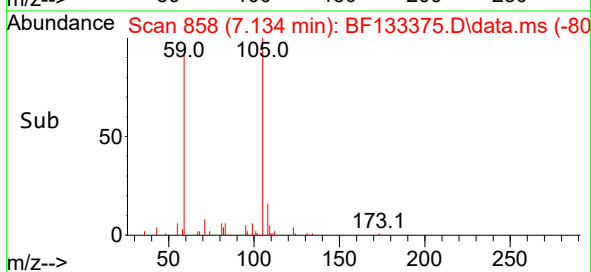
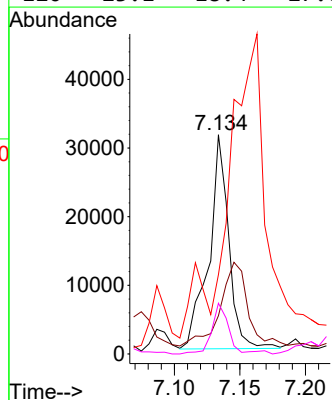
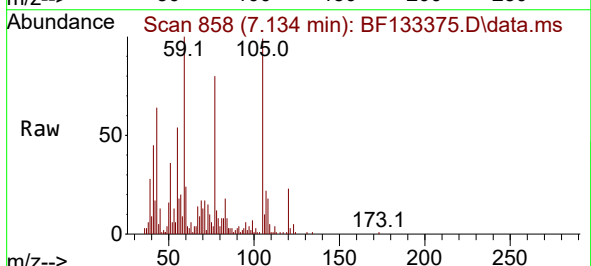
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATERDL

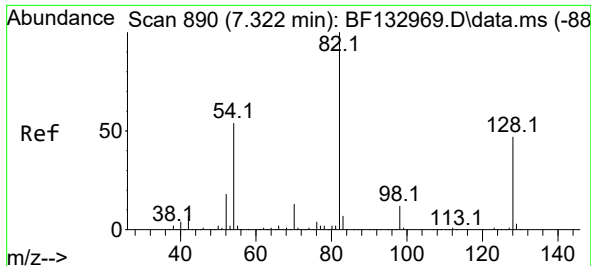
Tgt Ion:136 Resp: 383193
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.9 7.0 10.4#
68 11.9 5.4 8.2#



#22
Acetophenone
Concen: 3.713 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

Tgt Ion:105 Resp: 32962
Ion Ratio Lower Upper
105 100
71 17.5 4.6 7.0#
51 36.2 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 62.487 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133375.D

Acq: 12 May 2023 18:18

Instrument :

BNA_F

ClientSampleId :

PL-OILYWATERDL

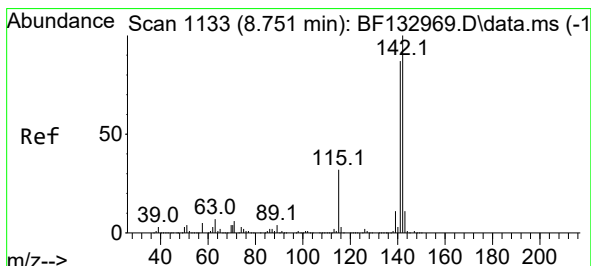
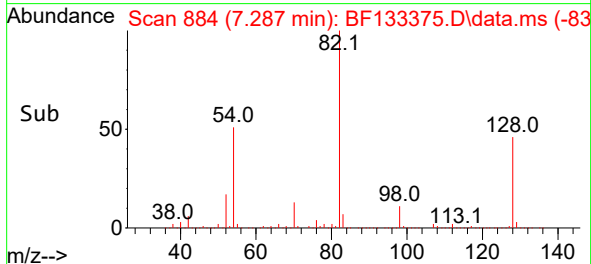
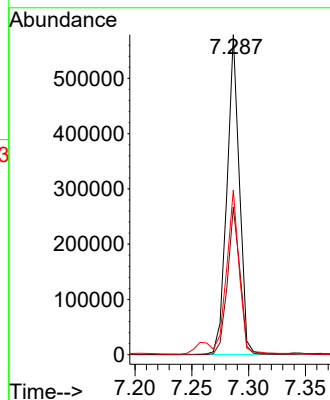
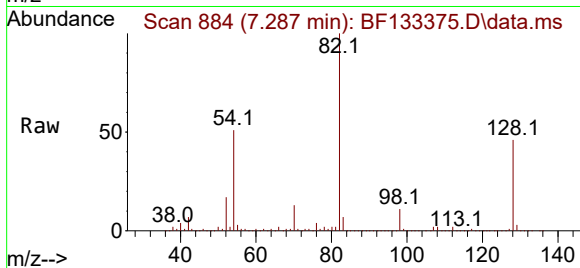
Tgt Ion: 82 Resp: 443608

Ion Ratio Lower Upper

82 100

128 46.1 37.7 56.5

54 51.4 43.0 64.4



#37

2-Methylnaphthalene

Concen: 3.152 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.012 min

Lab File: BF133375.D

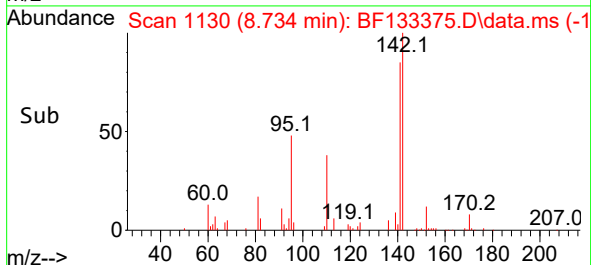
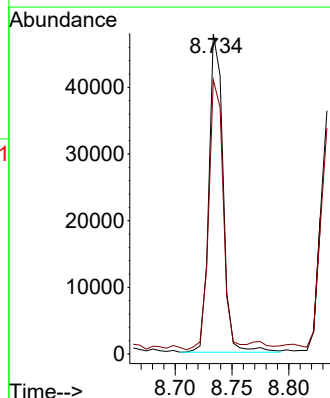
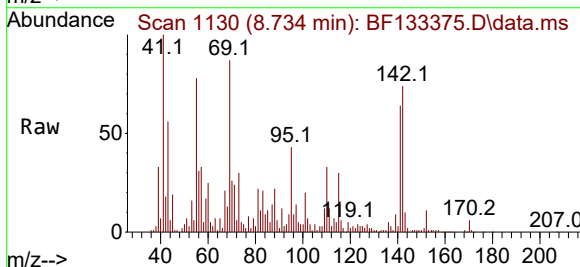
Acq: 12 May 2023 18:18

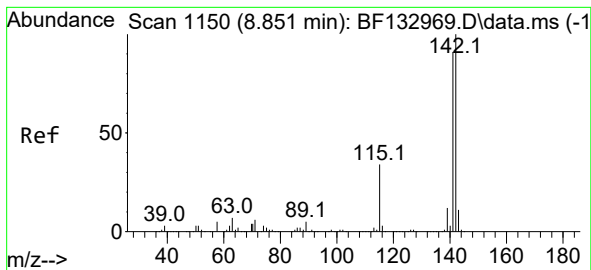
Tgt Ion: 142 Resp: 41285

Ion Ratio Lower Upper

142 100

141 85.7 69.4 104.0





#38

1-Methylnaphthalene

Concen: 2.233 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.012 min

Lab File: BF133375.D

Acq: 12 May 2023 18:18

Instrument :

BNA_F

ClientSampleId :

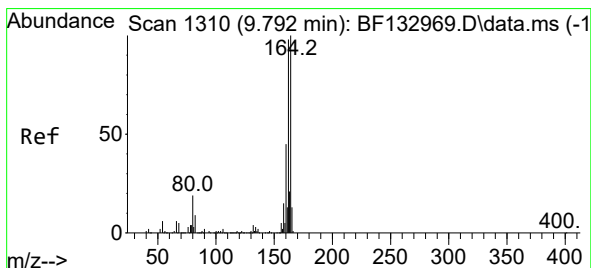
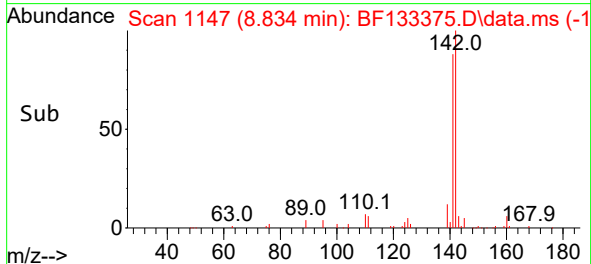
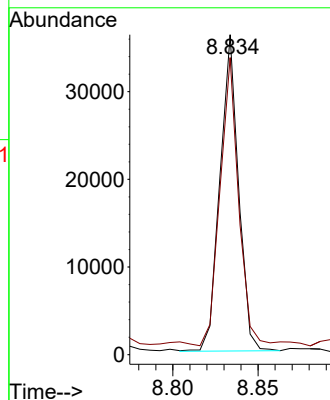
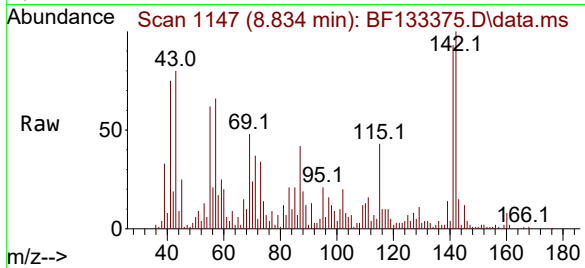
PL-OILYWATERDL

Tgt Ion:142 Resp: 27358

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.012 min

Lab File: BF133375.D

Acq: 12 May 2023 18:18

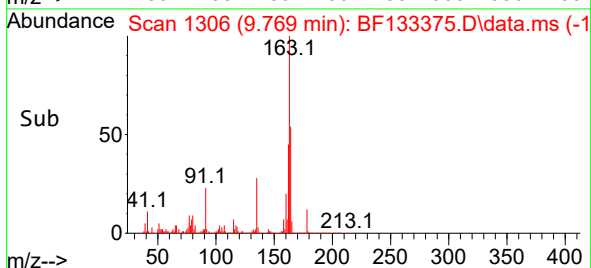
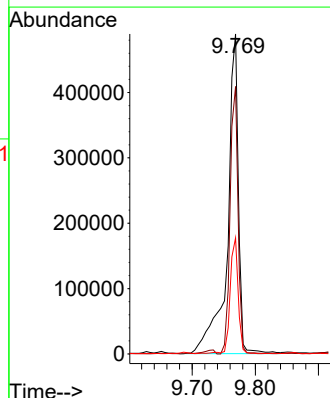
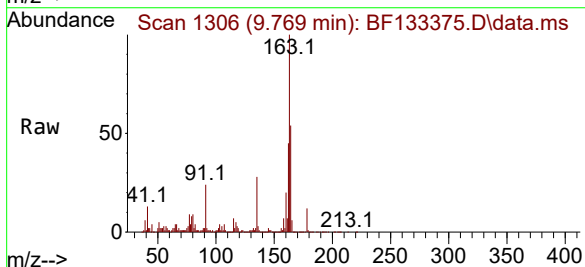
Tgt Ion:164 Resp: 591970

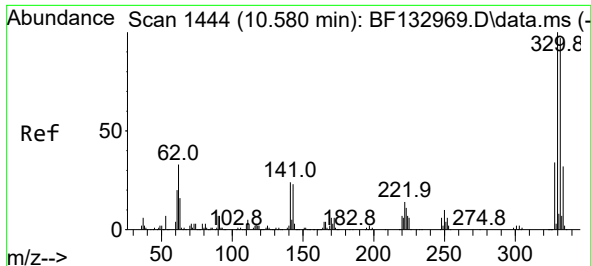
Ion Ratio Lower Upper

164 100

162 83.5 78.7 118.1

160 36.3 35.8 53.6

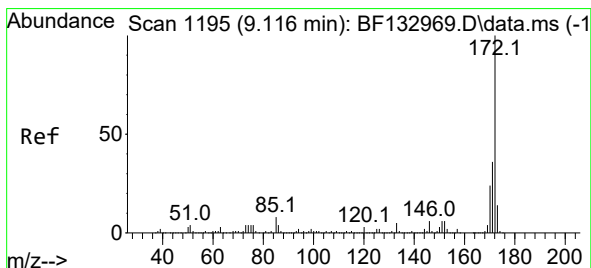
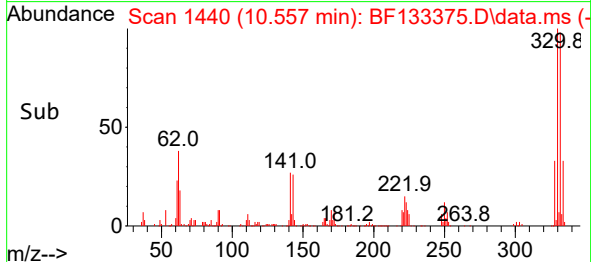
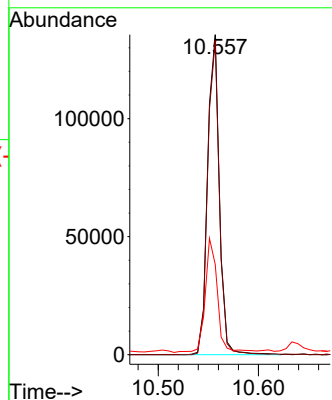
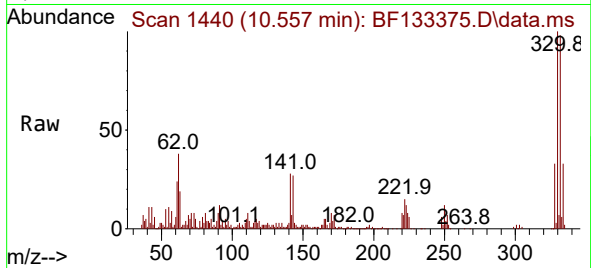




#42
2,4,6-Tribromophenol
Concen: 18.692 ng
RT: 10.557 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

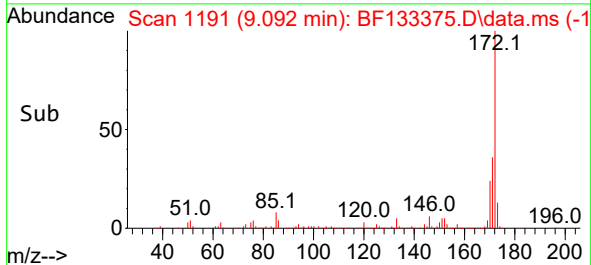
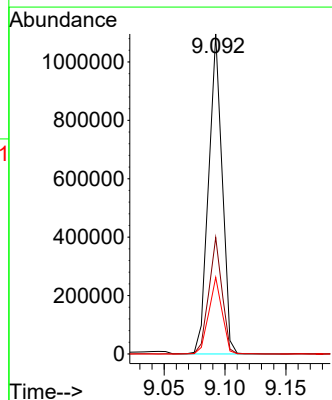
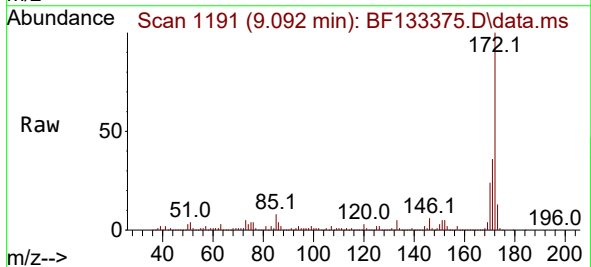
Instrument :
BNA_F
ClientSampleId :
PL-OILYWATERDL

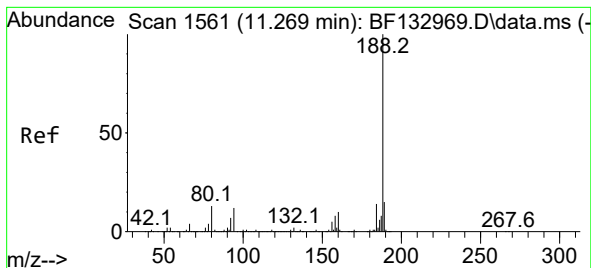
Tgt Ion: 330 Resp: 111279
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 36.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 23.950 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF133375.D
Acq: 12 May 2023 18:18

Tgt Ion: 172 Resp: 847428
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133375.D

Acq: 12 May 2023 18:18

Instrument :

BNA_F

ClientSampleId :

PL-OILYWATERDL

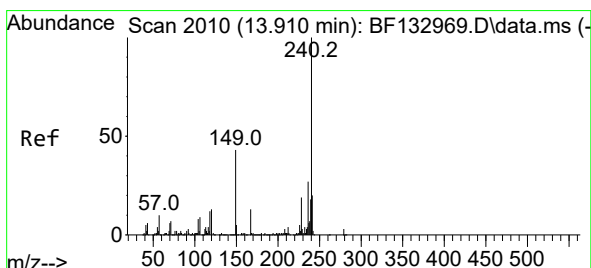
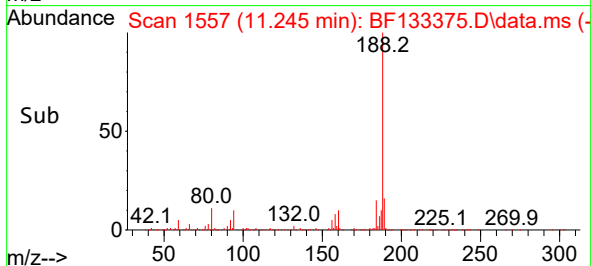
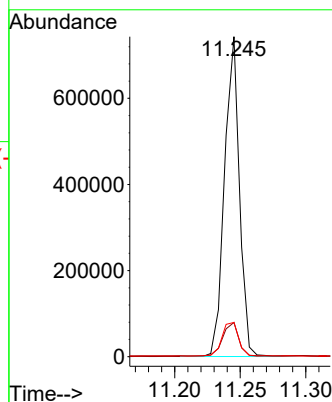
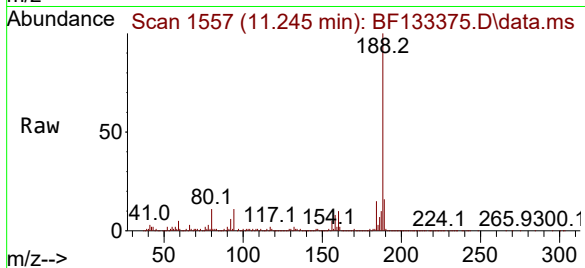
Tgt Ion:188 Resp: 585130

Ion Ratio Lower Upper

188 100

94 10.7 9.7 14.5

80 10.7 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133375.D

Acq: 12 May 2023 18:18

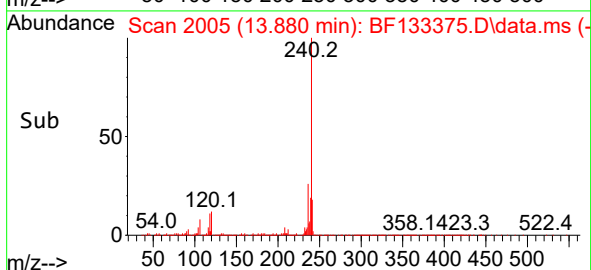
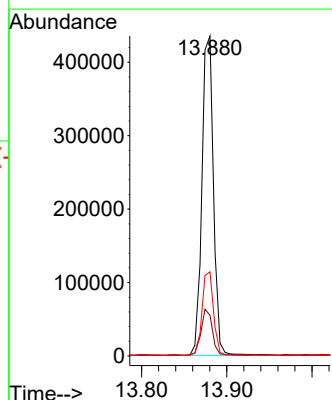
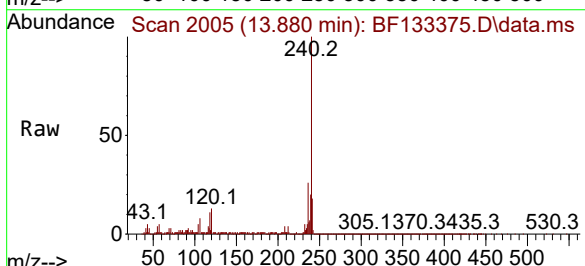
Tgt Ion:240 Resp: 410968

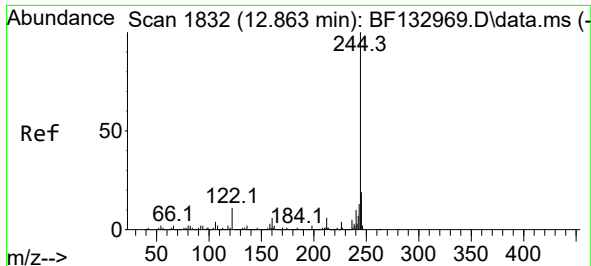
Ion Ratio Lower Upper

240 100

120 12.7 10.5 15.7

236 26.3 21.5 32.3

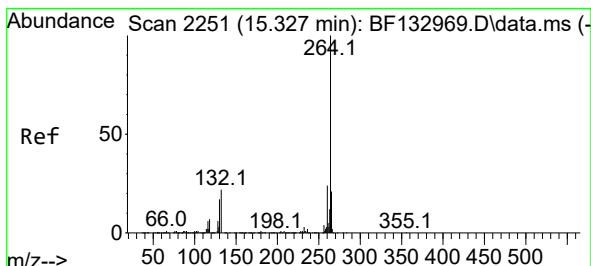
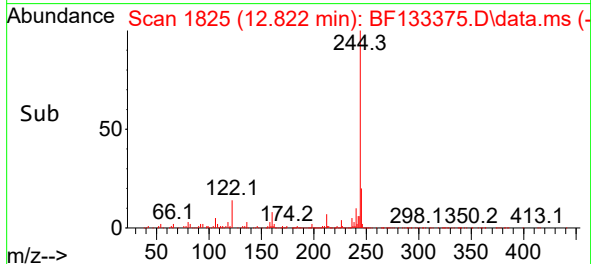
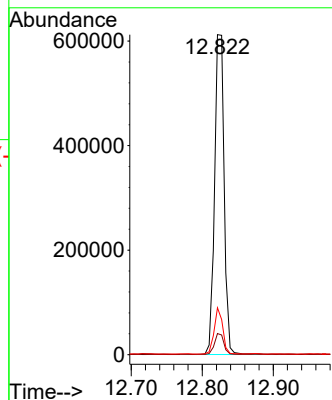
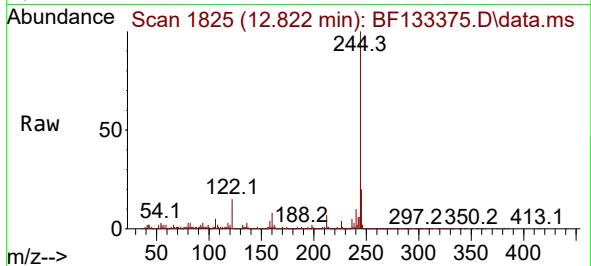




#79
 Terphenyl-d14
 Concen: 24.063 ng
 RT: 12.822 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133375.D
 Acq: 12 May 2023 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PL-OILYWATERDL

Tgt Ion:244 Resp: 573393
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 14.6 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.012 min
 Lab File: BF133375.D
 Acq: 12 May 2023 18:18

Tgt Ion:264 Resp: 318813
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.3 17.0 25.4

