

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136843.D
 Acq On : 29 Dec 2023 23:04
 Operator : CG\JU
 Sample : 05862-12DL2 100X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01DL2

Quant Time: Dec 30 03:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

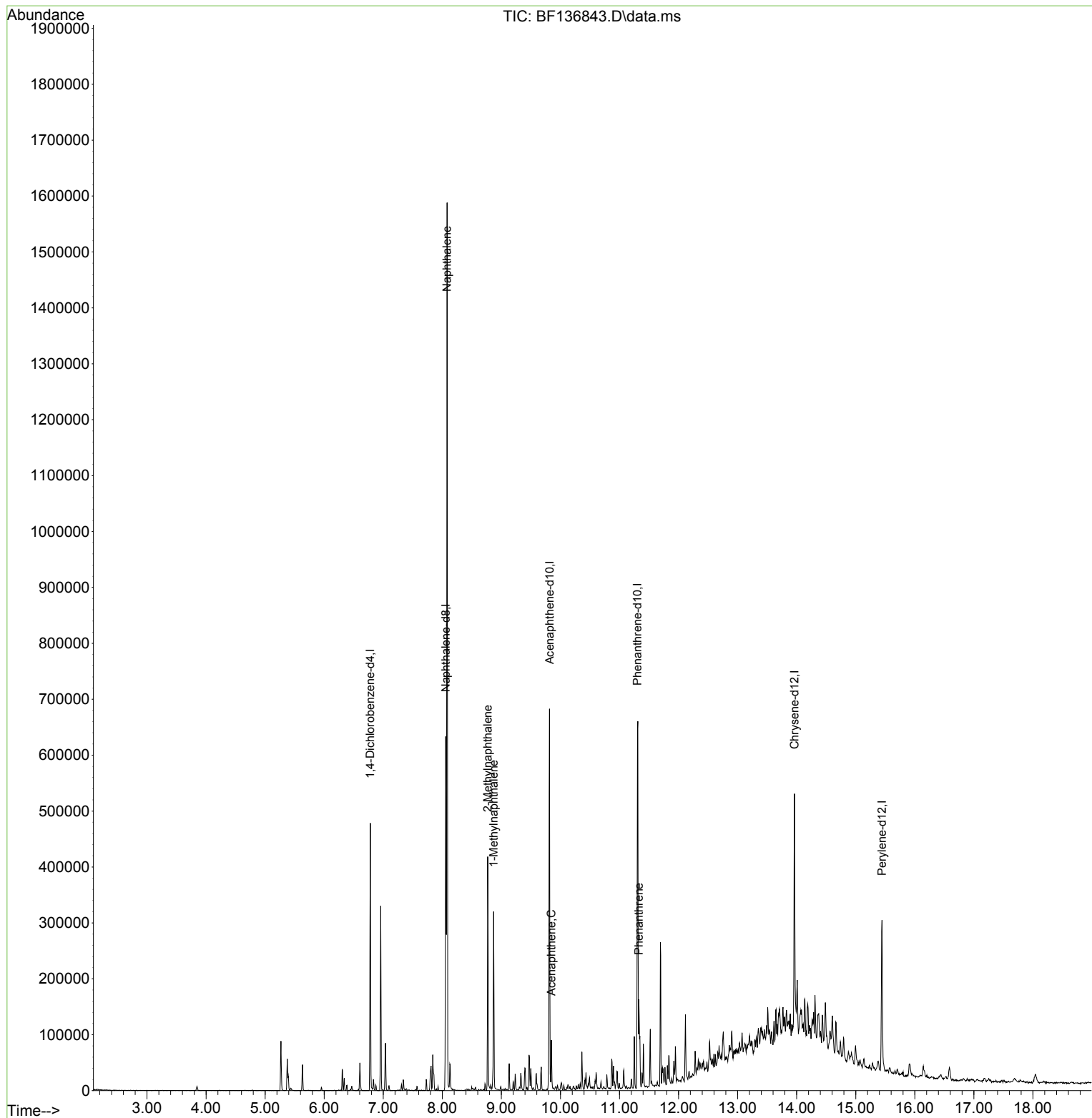
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66984	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	259783	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	132970	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	238790	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	126238	20.000	ng	0.00
86) Perylene-d12	15.445	264	133337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2572	0.599	ng	0.00
7) Phenol-d6	6.445	99	2121	0.381	ng	0.00
23) Nitrobenzene-d5	7.339	82	5509	1.085	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	2122	1.355	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	14493	1.466	ng	-0.02
79) Terphenyl-d14	12.898	244	12778	1.415	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	8.081	128	628660	44.049	ng	100
37) 2-Methylnaphthalene	8.769	142	104935	11.425	ng	96
38) 1-Methylnaphthalene	8.869	142	76285	8.466	ng	98
52) Acenaphthene	9.845	154	16116	2.005	ng	98
71) Phenanthrene	11.327	178	52648	4.297	ng	99

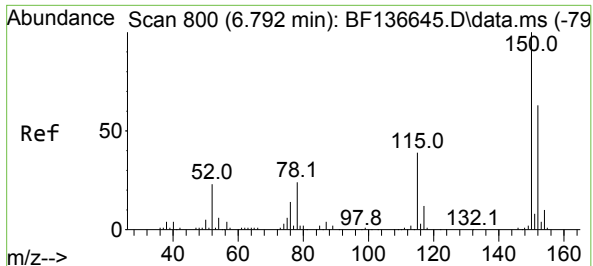
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
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Misc :
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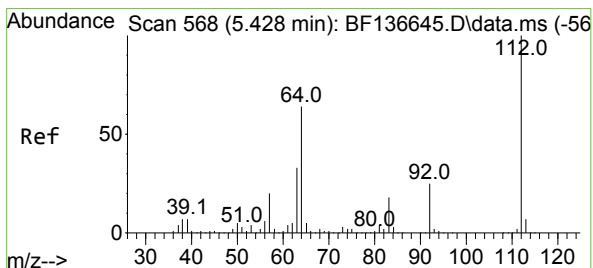
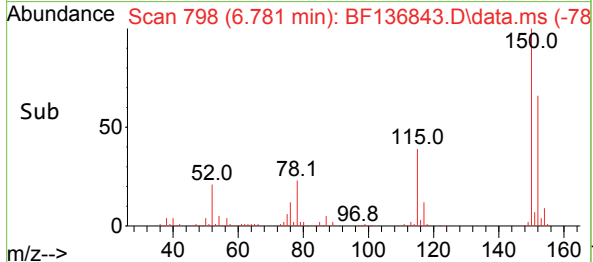
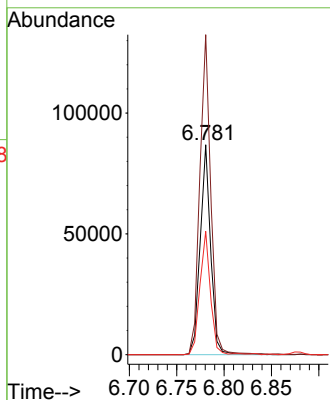
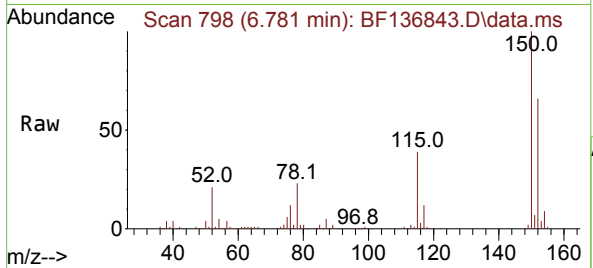




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

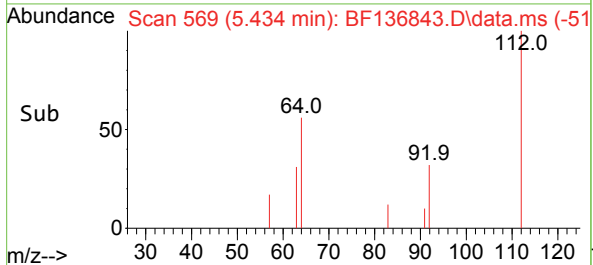
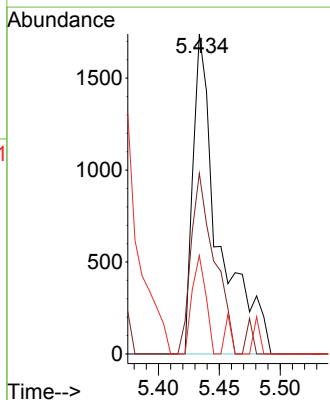
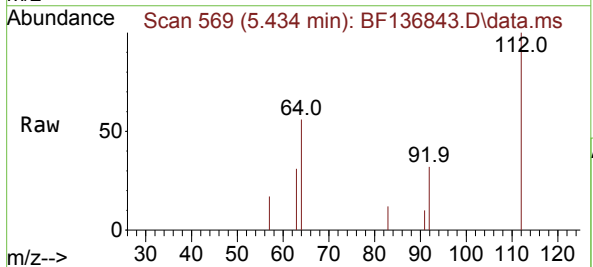
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01DL2

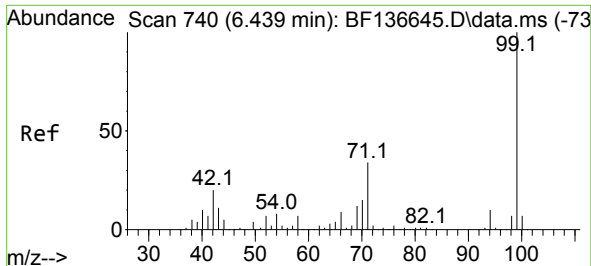
Tgt Ion:152 Resp: 66984
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 0.599 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

Tgt Ion:112 Resp: 2572
Ion Ratio Lower Upper
112 100
64 56.4 51.1 76.7
63 30.7 26.1 39.1

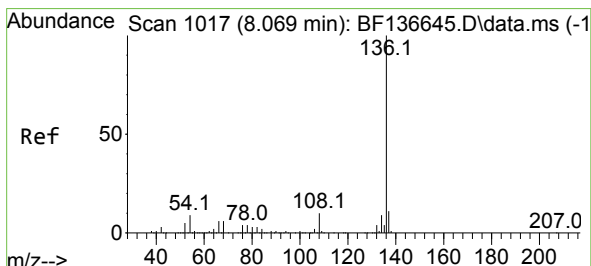
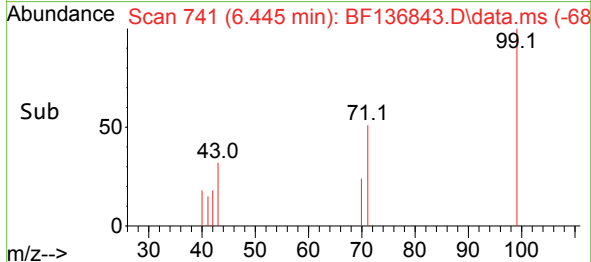
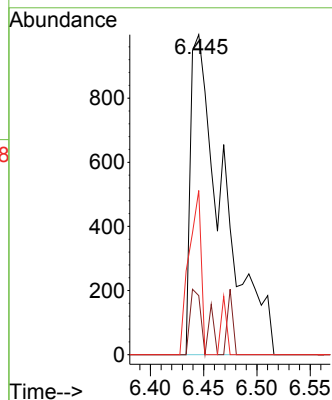
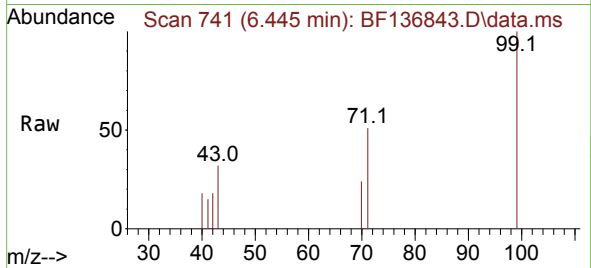




#7
Phenol-d6
Concen: 0.381 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

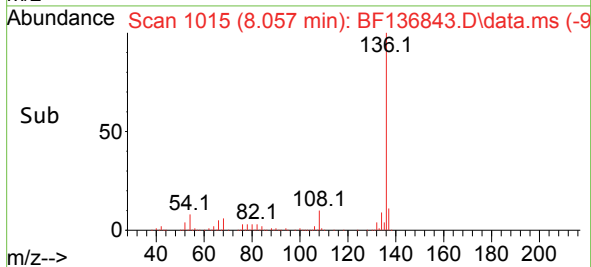
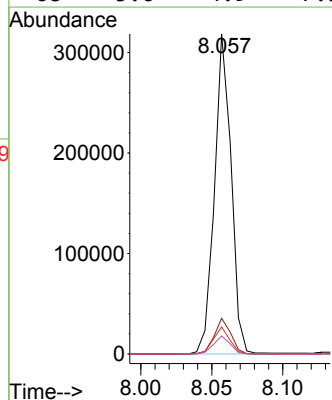
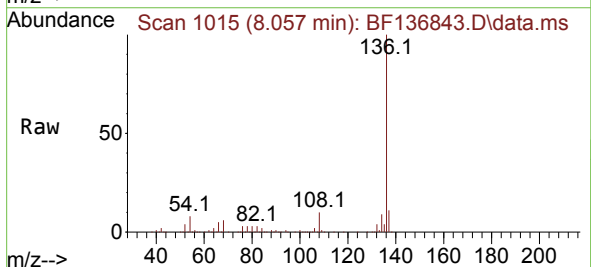
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01DL2

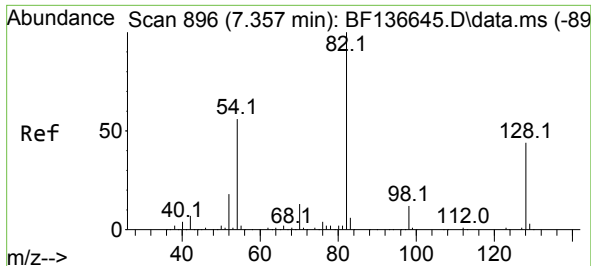
Tgt Ion: 99 Resp: 2121
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 51.3 27.4 41.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

Tgt Ion: 136 Resp: 259783
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.5 7.2 10.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 1.085 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136843.D

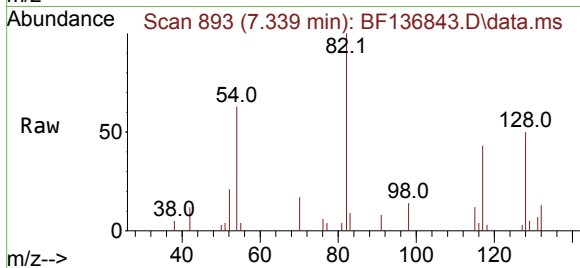
Acq: 29 Dec 2023 23:04

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01DL2



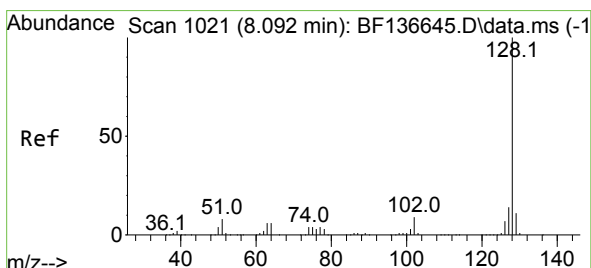
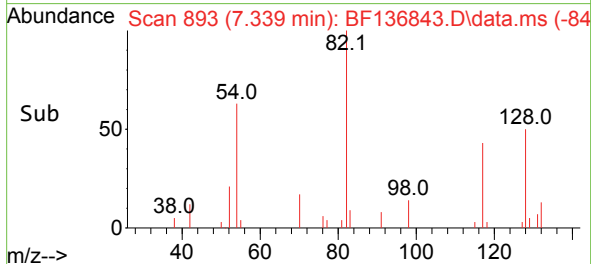
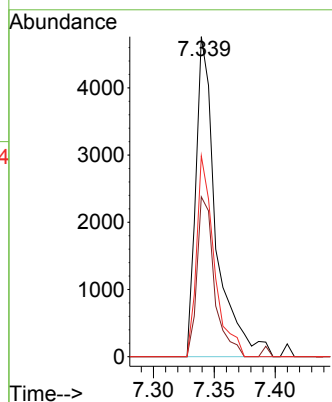
Tgt Ion: 82 Resp: 5509

Ion Ratio Lower Upper

82 100

128 49.9 35.3 52.9

54 62.8 44.5 66.7



#31

Naphthalene

Concen: 44.049 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

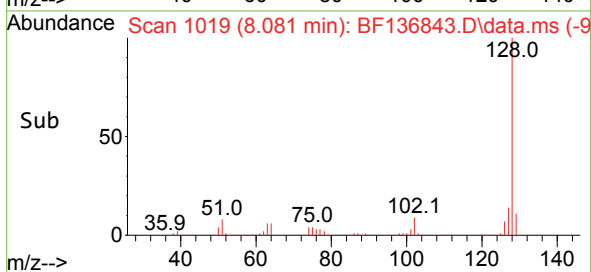
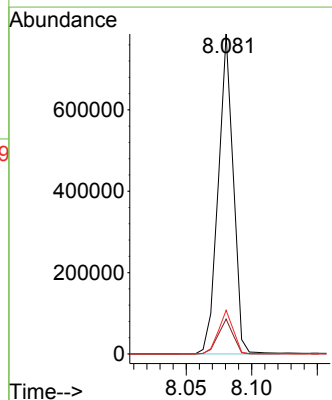
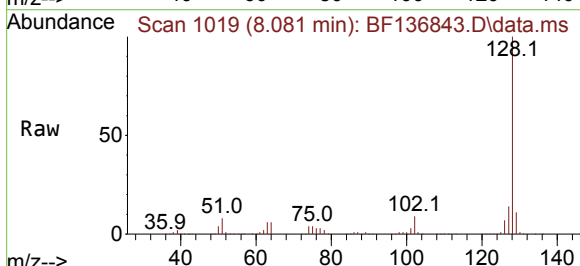
Tgt Ion: 128 Resp: 628660

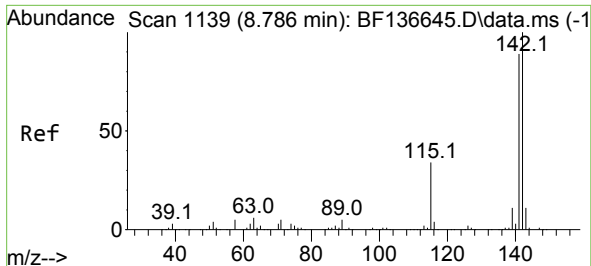
Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.6 10.8 16.2

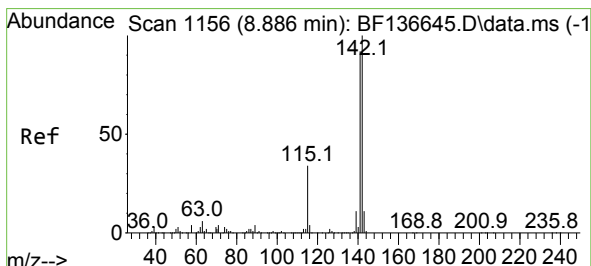
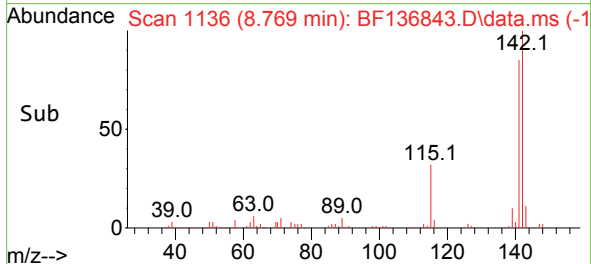
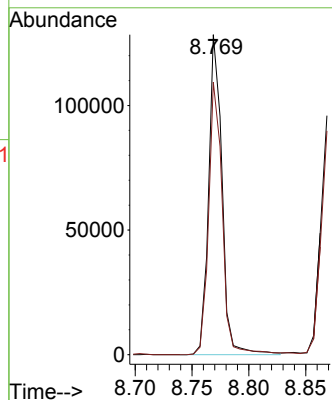
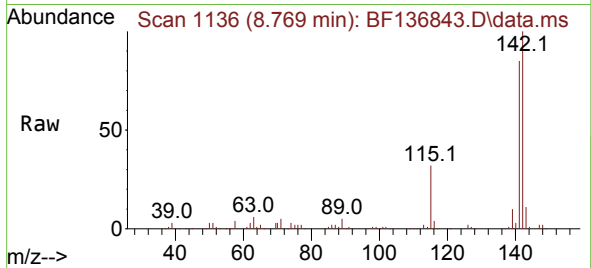




#37
2-Methylnaphthalene
Concen: 11.425 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.018 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

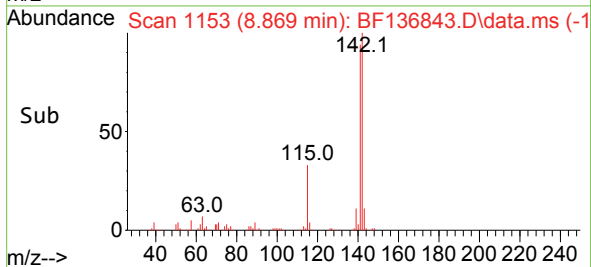
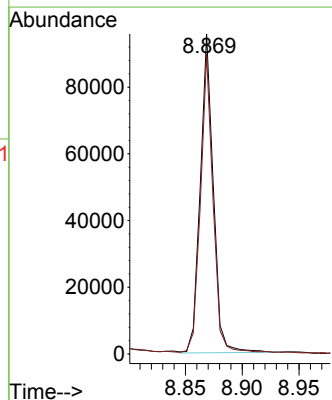
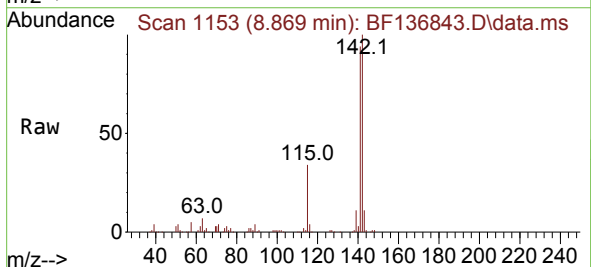
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01DL2

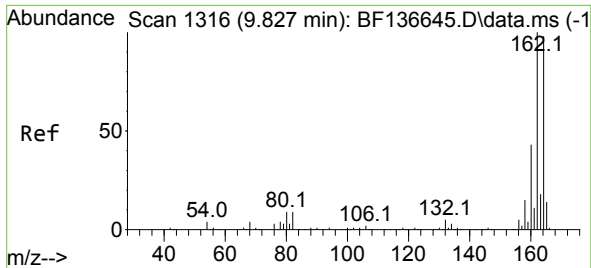
Tgt Ion:142 Resp: 104935
Ion Ratio Lower Upper
142 100
141 85.2 71.1 106.7



#38
1-Methylnaphthalene
Concen: 8.466 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

Tgt Ion:142 Resp: 76285
Ion Ratio Lower Upper
142 100
141 93.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01DL2

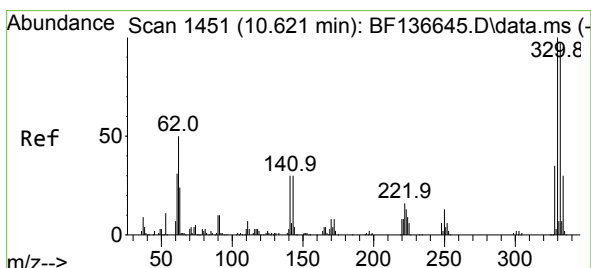
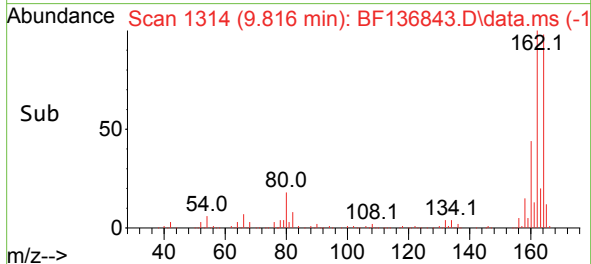
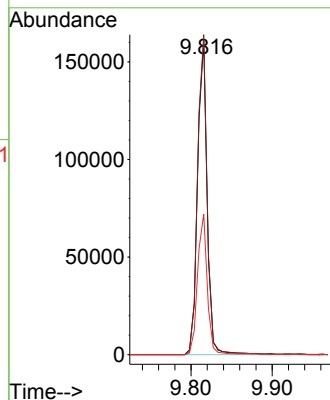
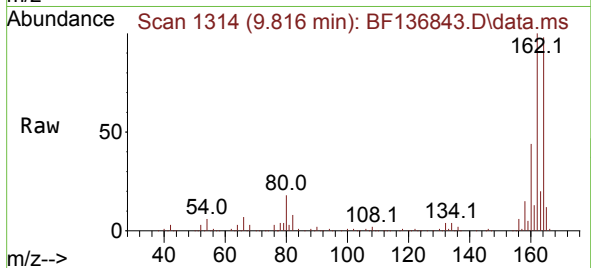
Tgt Ion:164 Resp: 132970

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 44.8 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 1.355 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

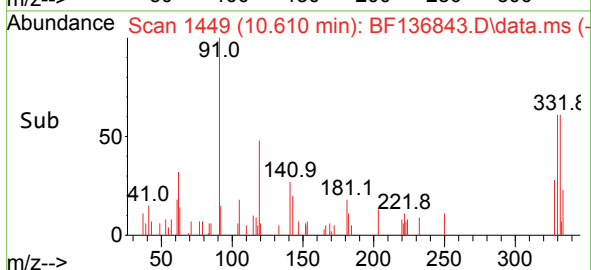
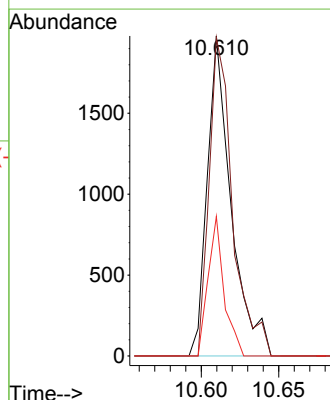
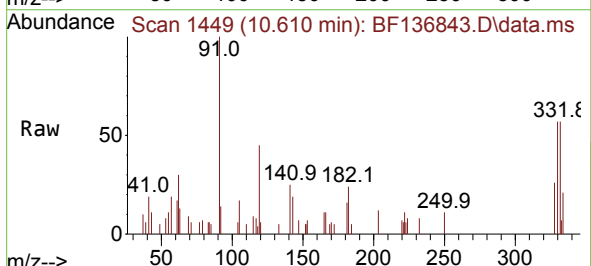
Tgt Ion:330 Resp: 2122

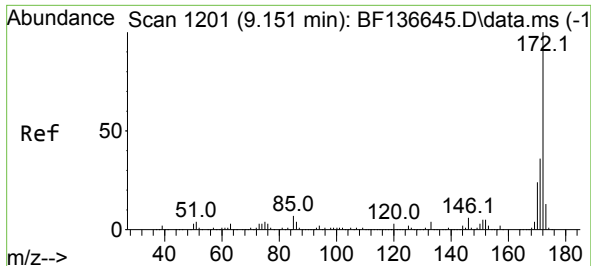
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 29.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 1.466 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01DL2

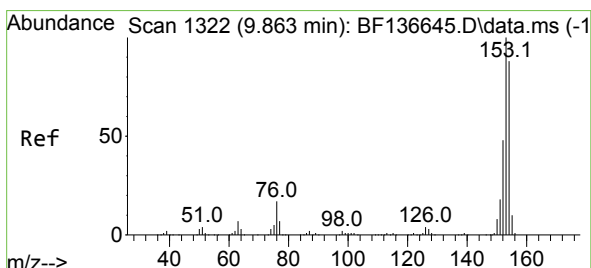
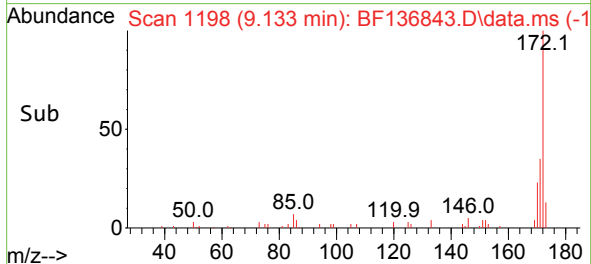
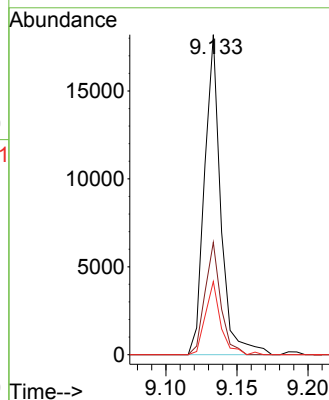
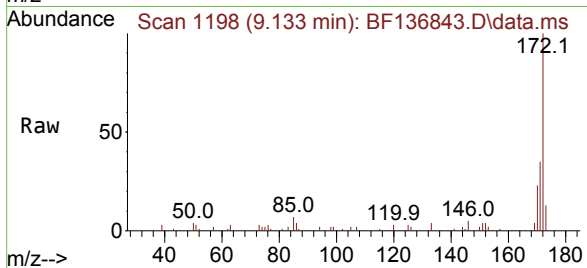
Tgt Ion:172 Resp: 14493

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 22.8 19.0 28.4



#52

Acenaphthene

Concen: 2.005 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.018 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

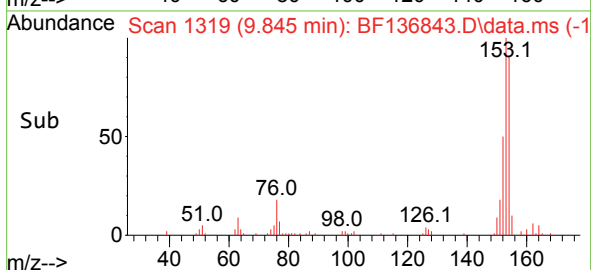
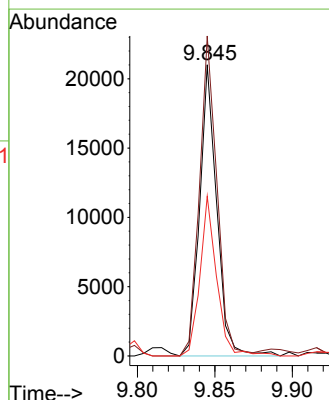
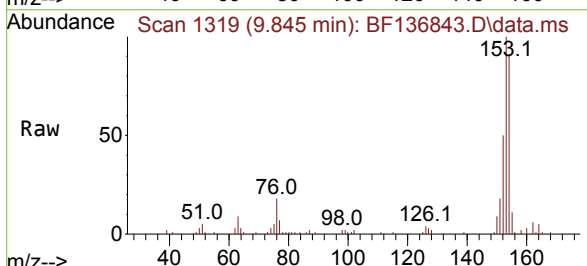
Tgt Ion:154 Resp: 16116

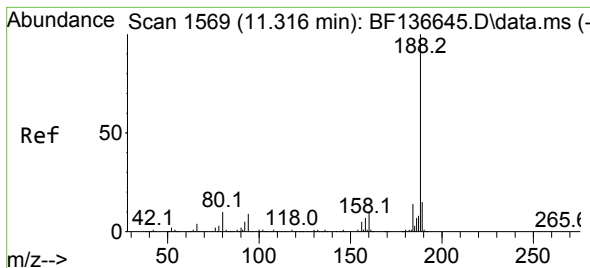
Ion Ratio Lower Upper

154 100

153 109.9 90.7 136.1

152 54.8 43.7 65.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

Instrument :

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ClientSampleId :

WC-LIQUIDS-20231213-01DL2

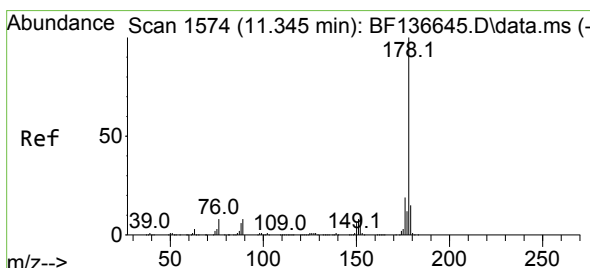
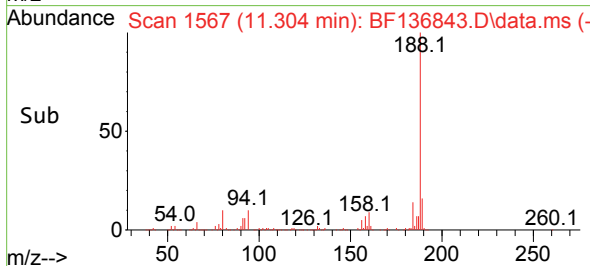
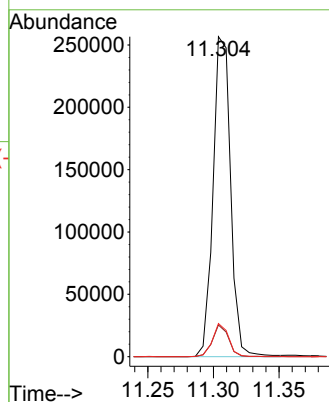
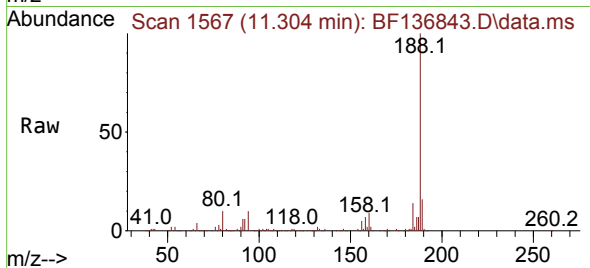
Tgt Ion:188 Resp: 238790

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 10.3 8.1 12.1



#71

Phenanthrene

Concen: 4.297 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.018 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

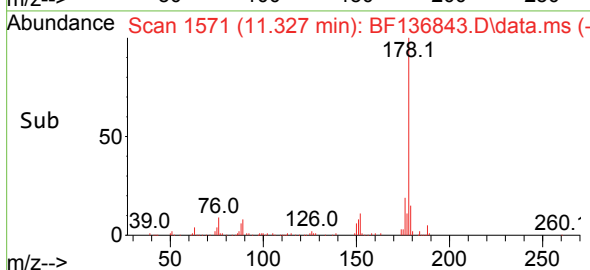
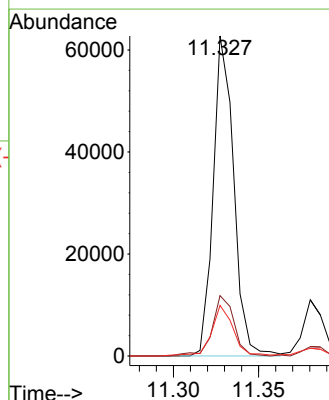
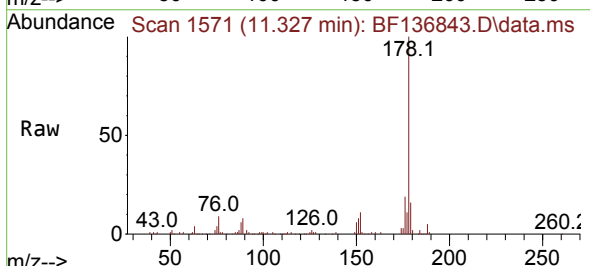
Tgt Ion:178 Resp: 52648

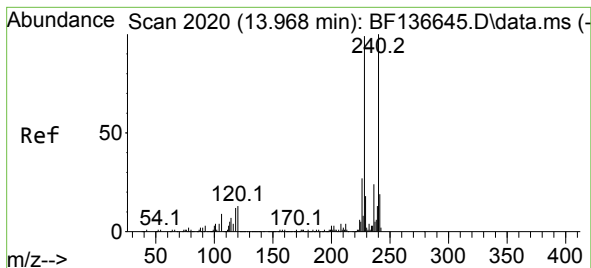
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.8 11.9 17.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01DL2

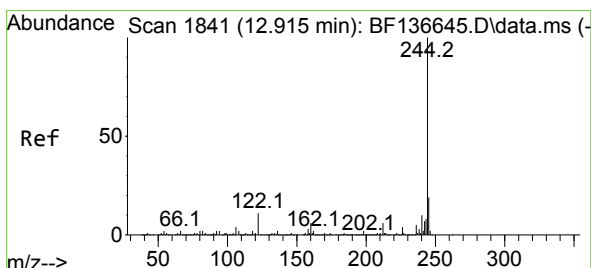
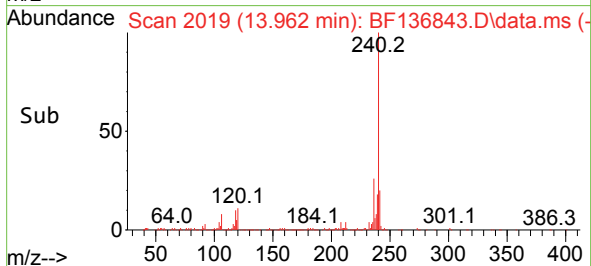
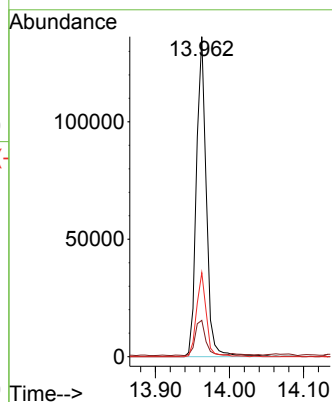
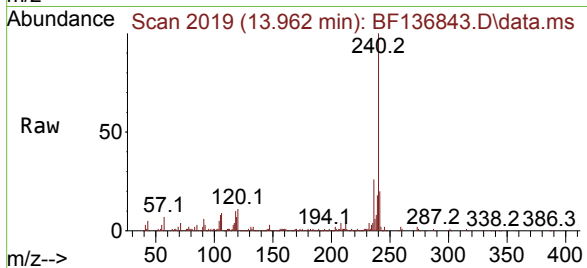
Tgt Ion:240 Resp: 126238

Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

236 26.3 19.4 29.2



#79

Terphenyl-d14

Concen: 1.415 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136843.D

Acq: 29 Dec 2023 23:04

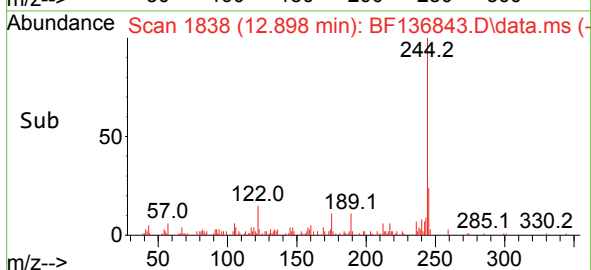
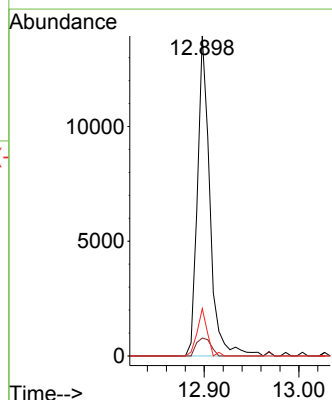
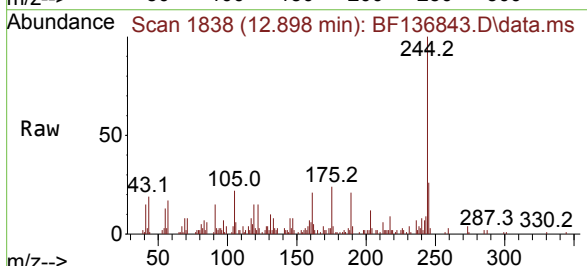
Tgt Ion:244 Resp: 12778

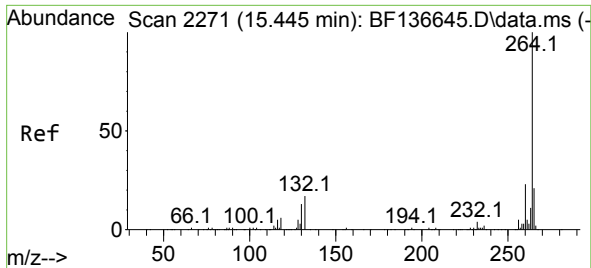
Ion Ratio Lower Upper

244 100

212 5.6 5.0 7.4

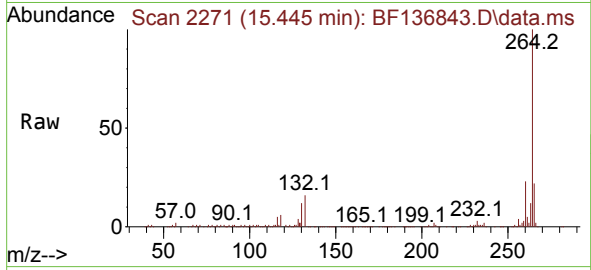
122 14.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136843.D
Acq: 29 Dec 2023 23:04

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01DL2



Tgt Ion:264 Resp: 133337
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 22.0 17.0 25.6

