

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041358.D
 Acq On : 10 Aug 2023 11:55
 Operator : MA/JU
 Sample : 03937-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE

Quant Time: Aug 11 03:31:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

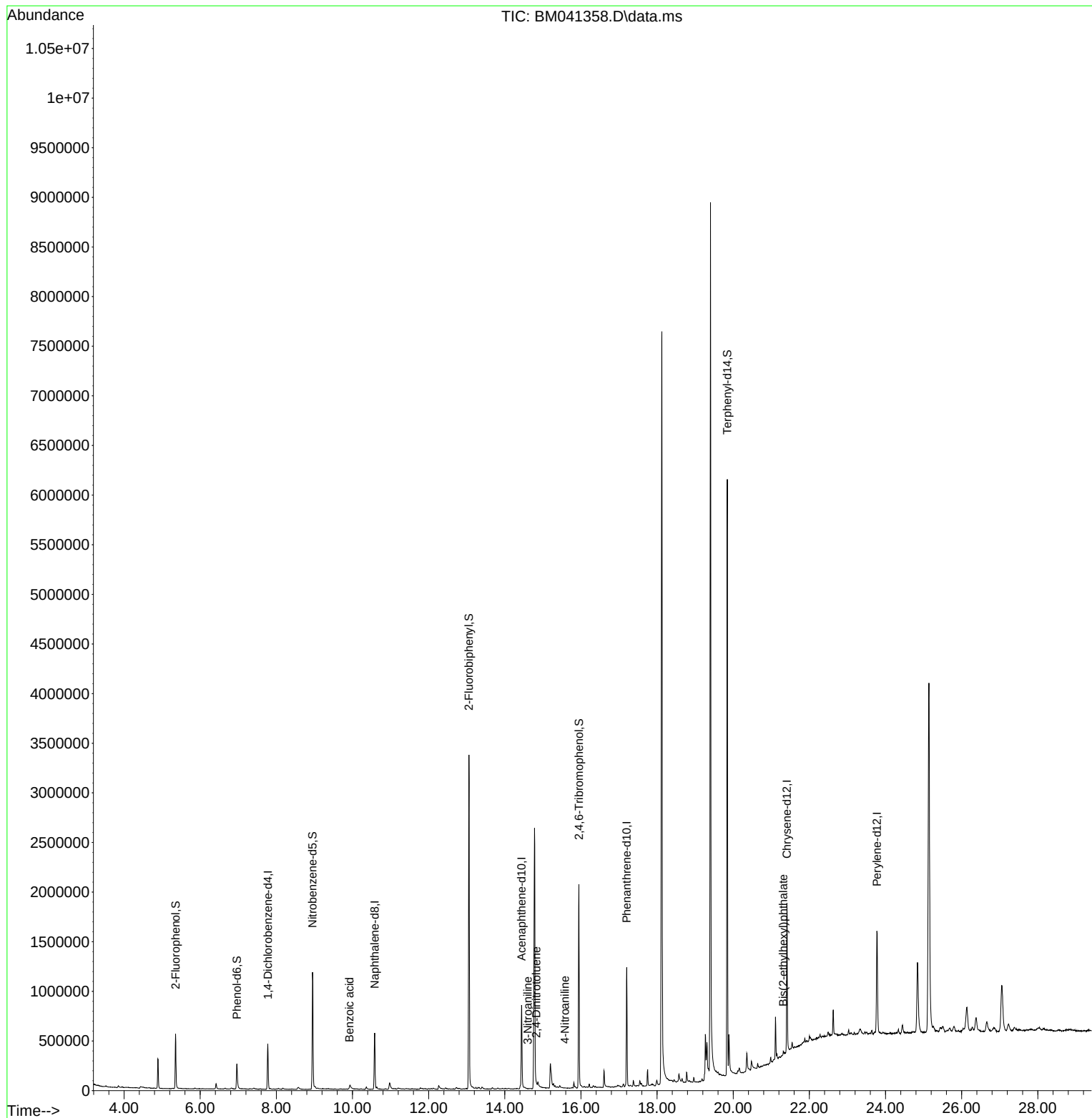
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	114708	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	454662	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	301584	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	699726	20.000	ng	0.00
76) Chrysene-d12	21.409	240	726388	20.000	ng	0.00
86) Perylene-d12	23.774	264	844326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	233359	30.405	ng	0.00
7) Phenol-d6	6.963	99	162612	16.345	ng	0.00
23) Nitrobenzene-d5	8.951	82	703506	71.957	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	370108	86.763	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1723495	72.192	ng	0.00
79) Terphenyl-d14	19.845	244	2749130	68.429	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.922	122	7372	8.383	ng	89
53) 3-Nitroaniline	14.604	138	58	2.588	ng	# 1
57) 2,4-Dinitrotoluene	14.827	165	64	2.679	ng	# 1
62) 4-Nitroaniline	15.580	138	61	4.159	ng	# 69
84) Bis(2-ethylhexyl)phtha...	21.315	149	11776	2.918	ng	# 98

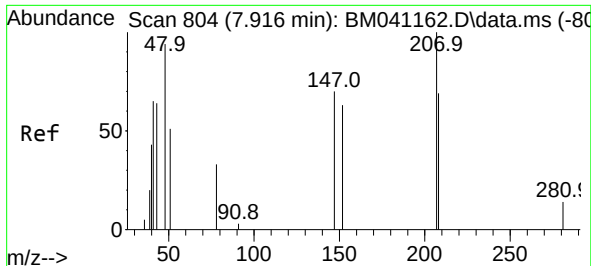
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
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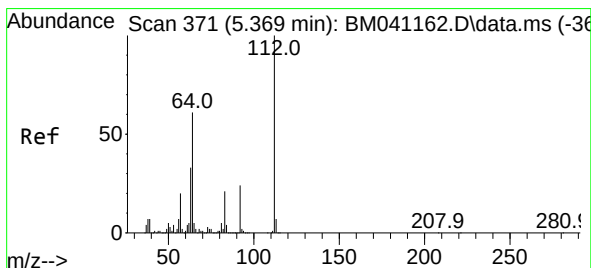
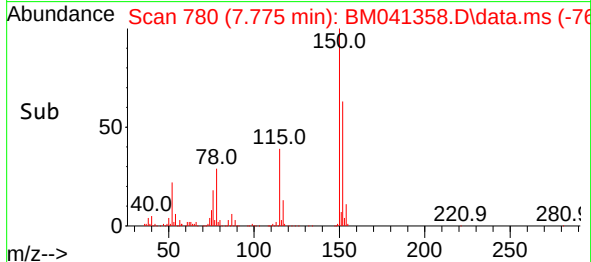
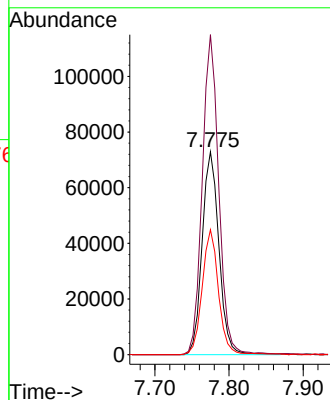
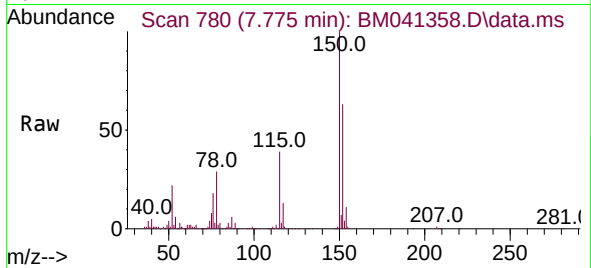




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

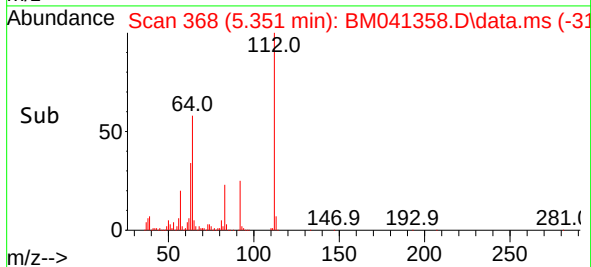
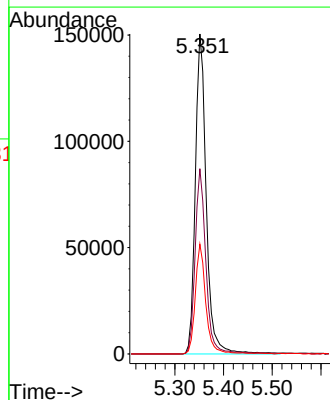
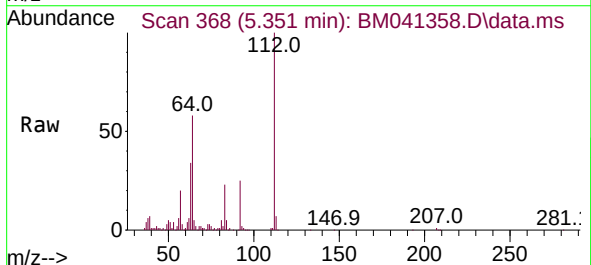
Instrument :
BNA_M
ClientSampleId :
MANHOLE

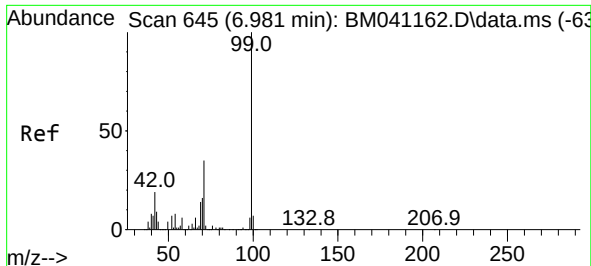
Tgt Ion:152 Resp: 114708
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 61.6 48.0 72.0



#5
2-Fluorophenol
Concen: 30.405 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Tgt Ion:112 Resp: 233359
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 34.3 26.5 39.7

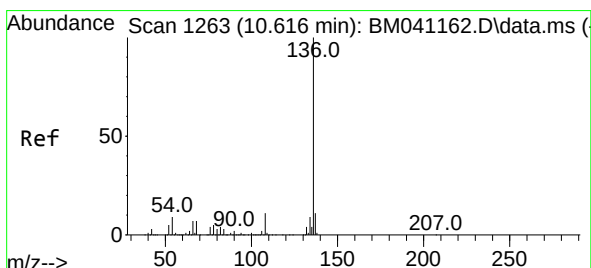
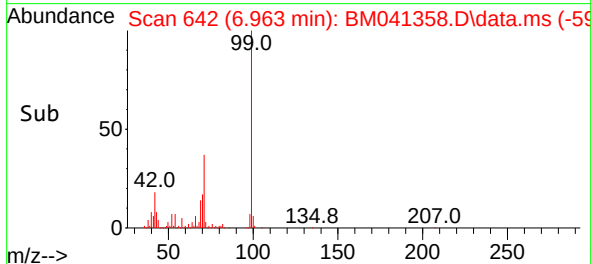
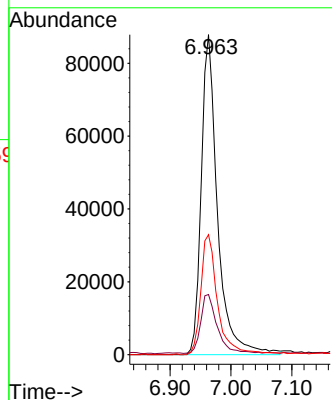
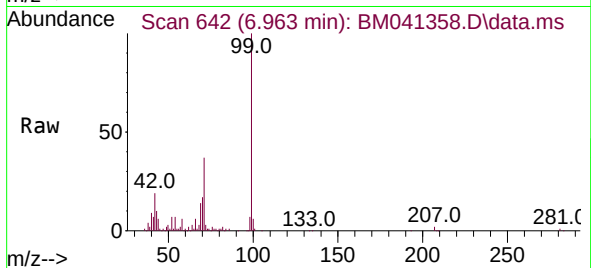




#7
Phenol-d6
Concen: 16.345 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

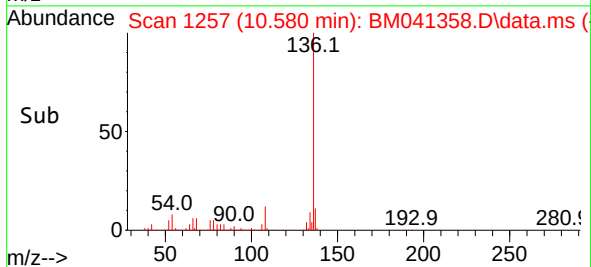
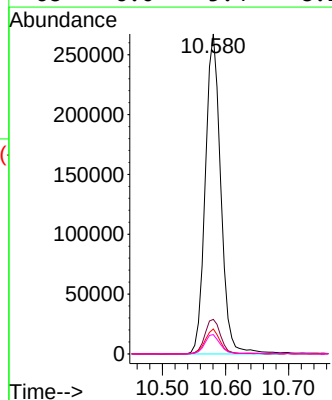
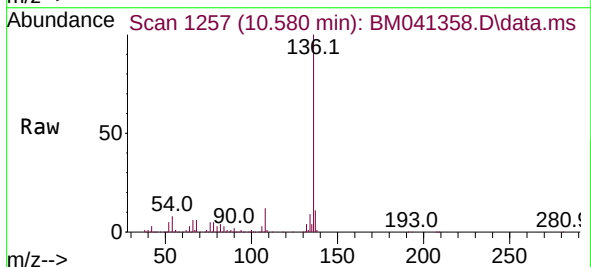
Instrument :
BNA_M
ClientSampleId :
MANHOLE

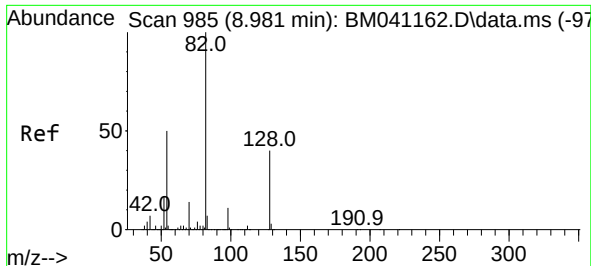
Tgt Ion: 99 Resp: 162612
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Tgt Ion:136 Resp: 454662
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.9 10.3
68 6.0 5.4 8.2

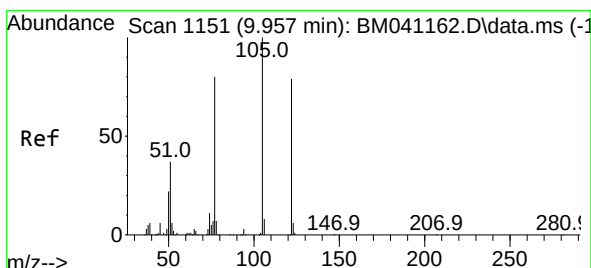
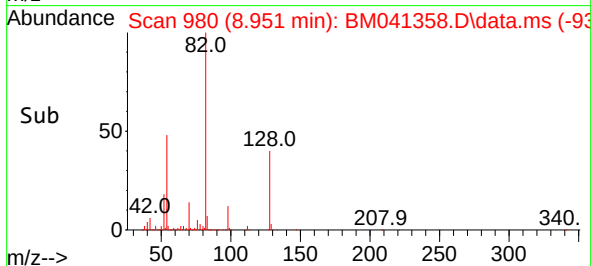
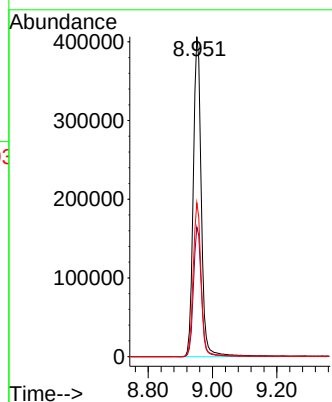
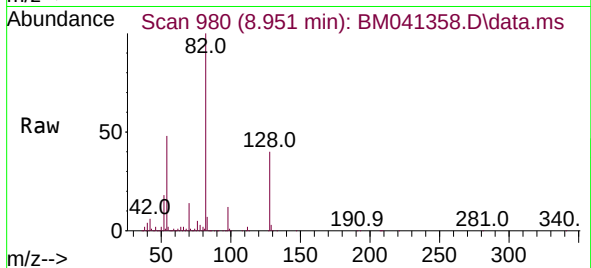




#23
Nitrobenzene-d5
Concen: 71.957 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

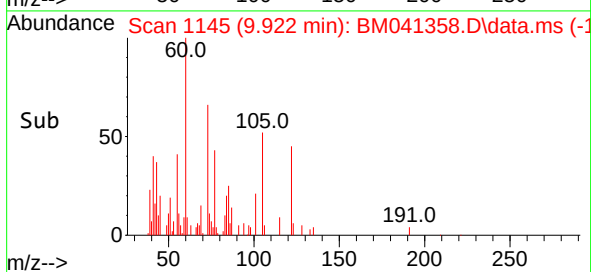
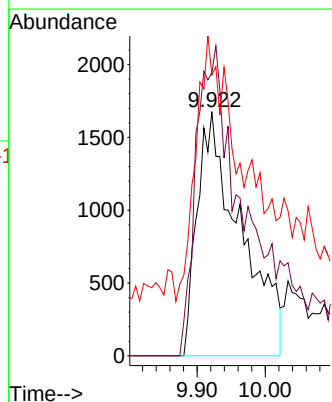
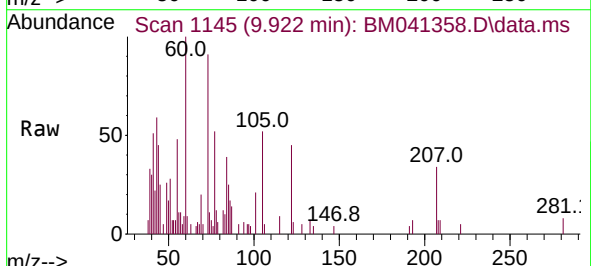
Instrument :
BNA_M
ClientSampleId :
MANHOLE

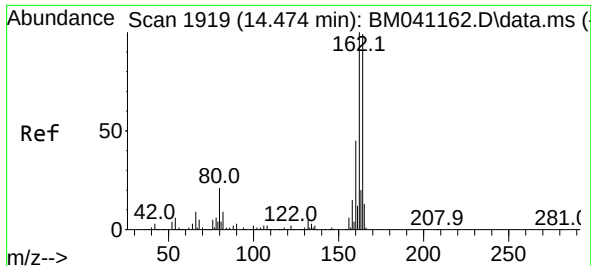
Tgt Ion: 82 Resp: 703506
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 48.1 40.1 60.1



#32
Benzoic acid
Concen: 8.383 ng
RT: 9.922 min Scan# 1145
Delta R.T. -0.035 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Tgt Ion: 122 Resp: 7372
Ion Ratio Lower Upper
122 100
105 115.9 104.0 144.0
77 115.0 79.9 119.9

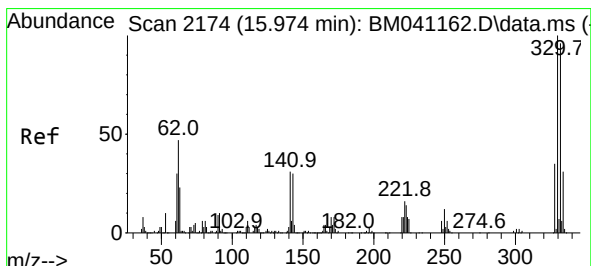
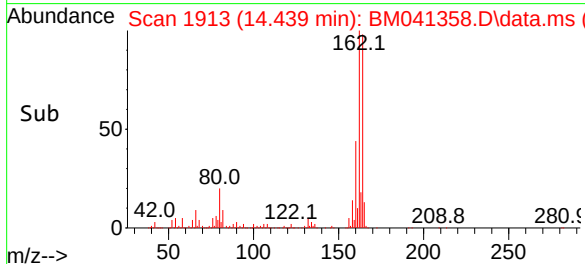
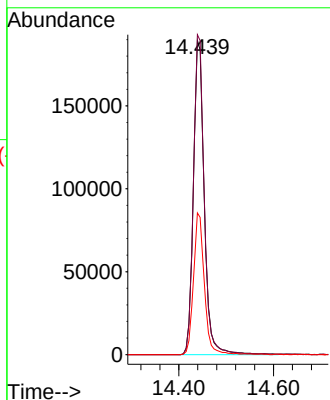
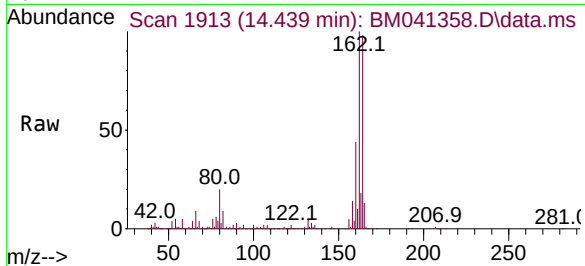




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

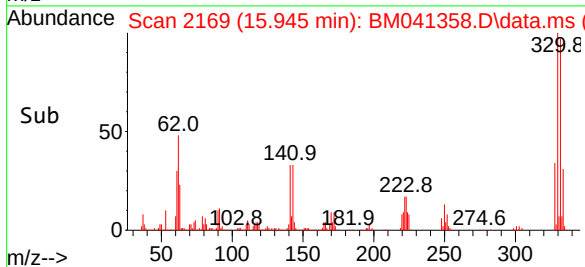
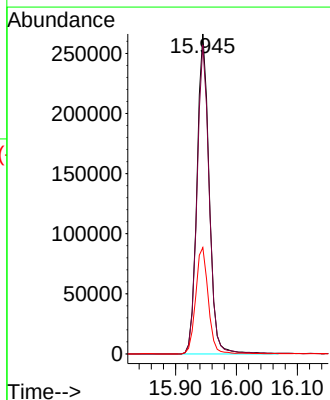
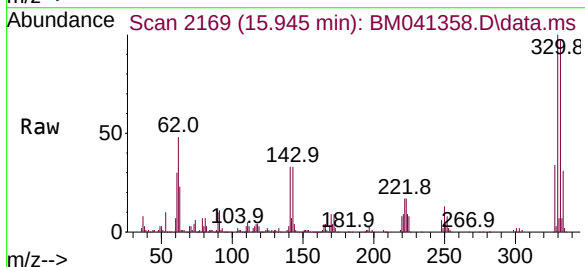
Instrument :
BNA_M
ClientSampleId :
MANHOLE

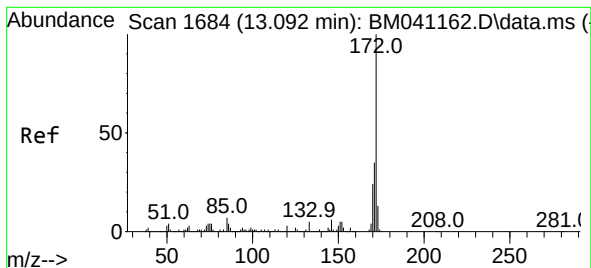
Tgt Ion:164 Resp: 301584
Ion Ratio Lower Upper
164 100
162 101.8 80.4 120.6
160 45.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.763 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Tgt Ion:330 Resp: 370108
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.4 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 72.192 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

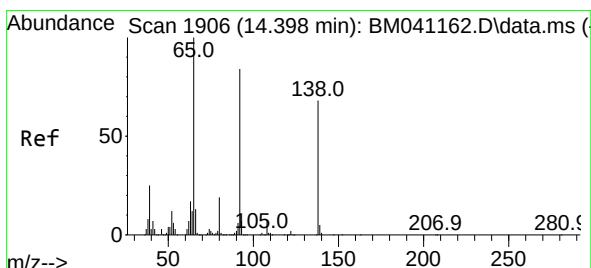
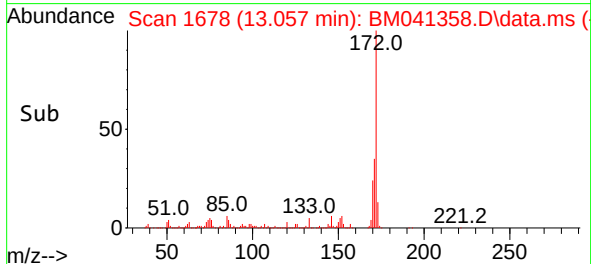
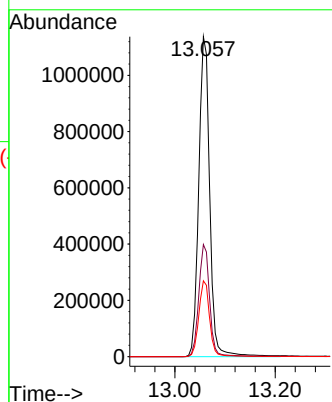
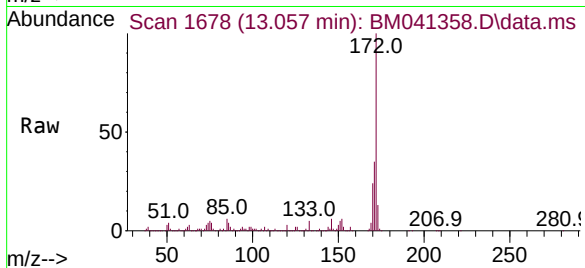
Tgt Ion:172 Resp: 1723495

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 18.9 28.3



#53

3-Nitroaniline

Concen: 2.588 ng

RT: 14.604 min Scan# 1941

Delta R.T. 0.223 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

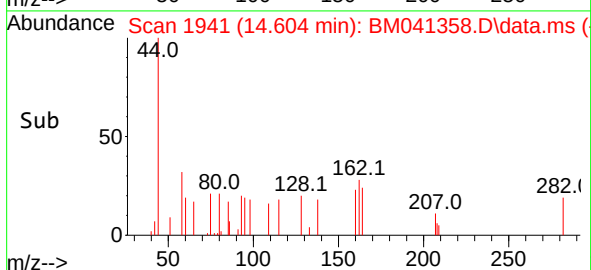
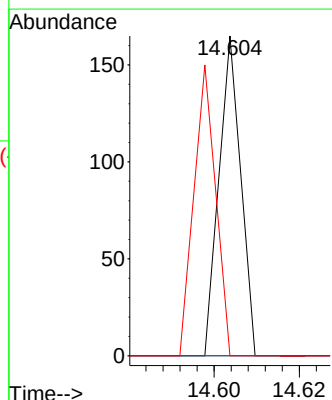
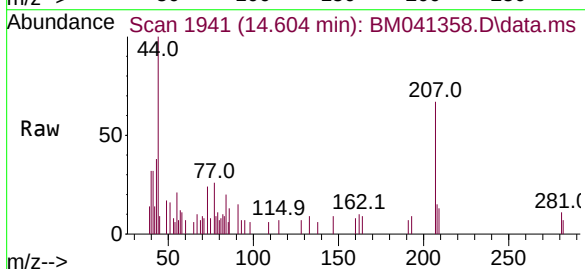
Tgt Ion:138 Resp: 58

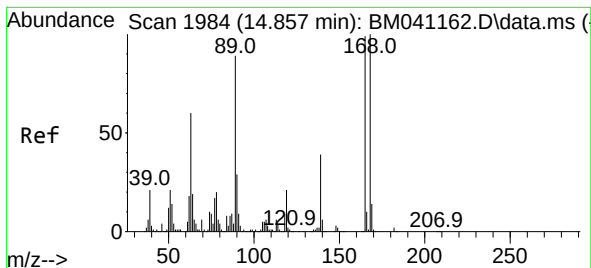
Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

92 0.0 98.9 148.3#

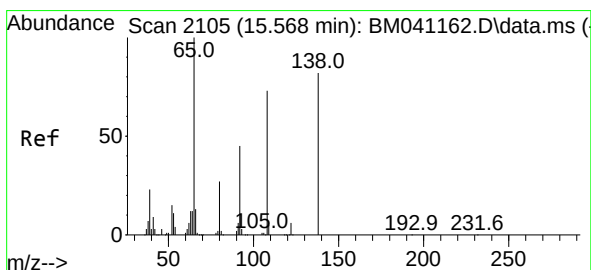
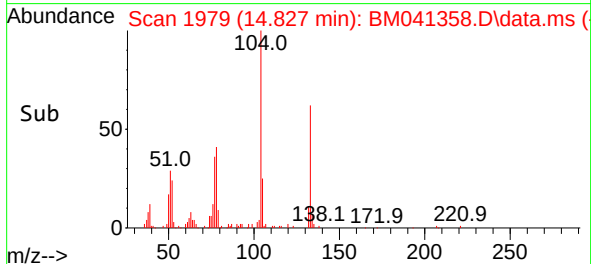
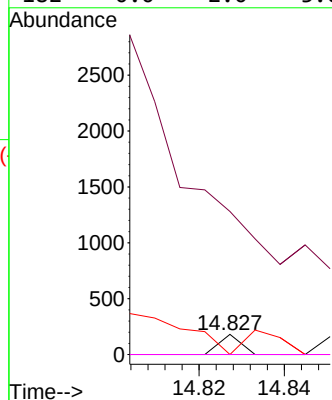
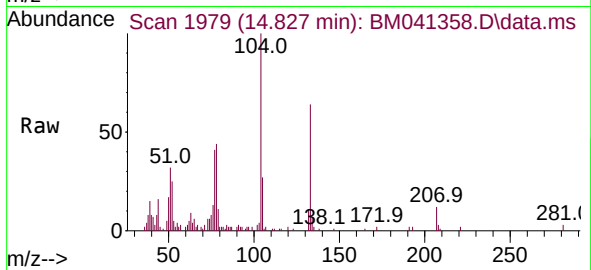




#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.827 min Scan# 1984
Delta R.T. -0.018 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

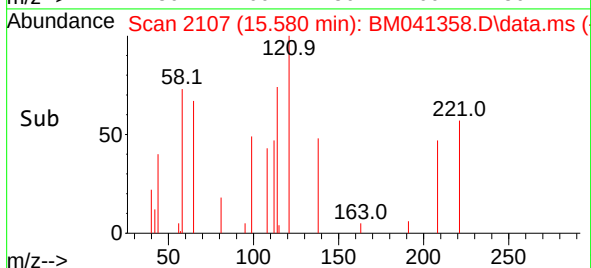
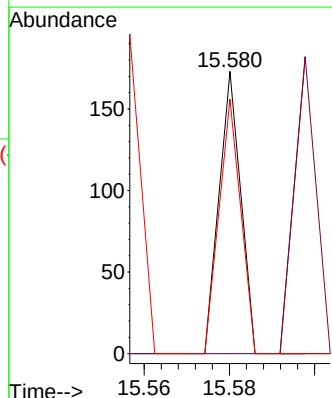
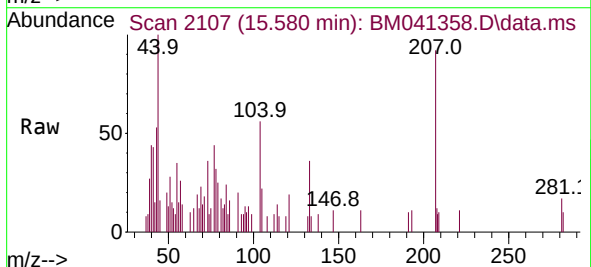
Instrument :
BNA_M
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MANHOLE

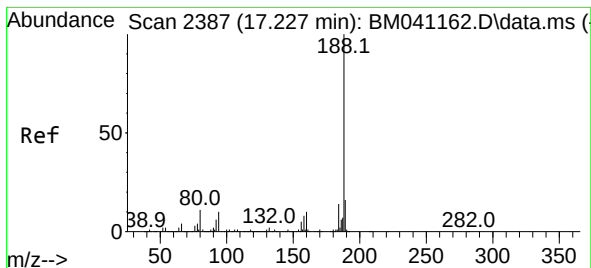
Tgt Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 707.2 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 4.159 ng
RT: 15.580 min Scan# 2107
Delta R.T. 0.029 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
92 0.0 35.1 75.1#
108 90.2 67.8 107.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

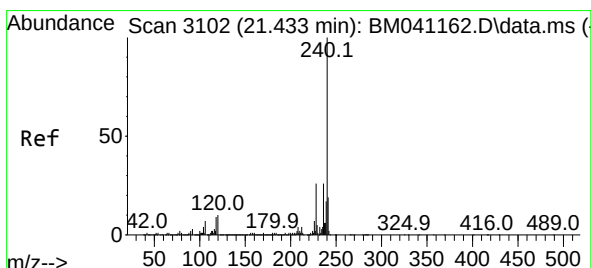
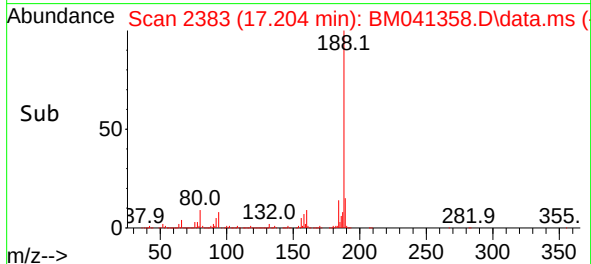
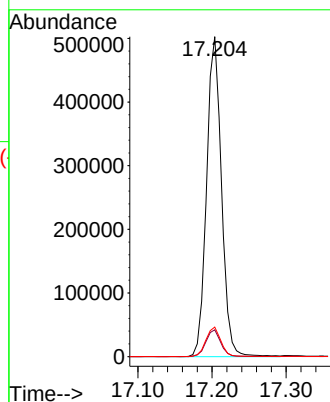
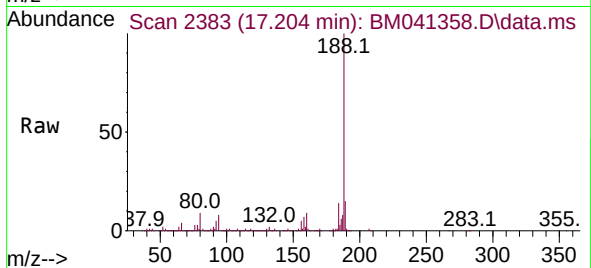
Tgt Ion:188 Resp: 699726

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

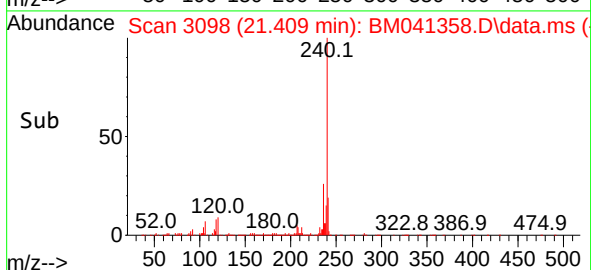
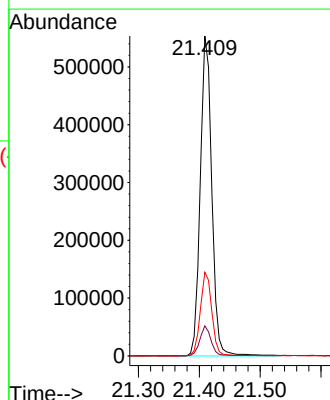
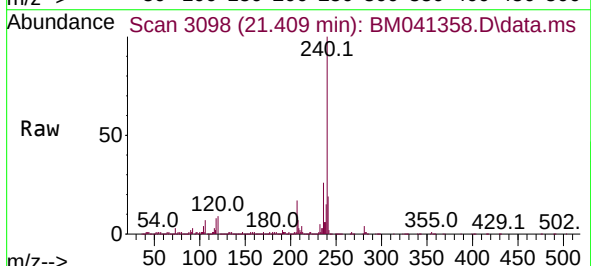
Tgt Ion:240 Resp: 726388

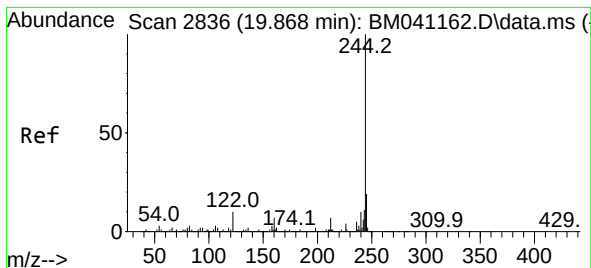
Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 68.429 ng

RT: 19.845 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

Instrument :

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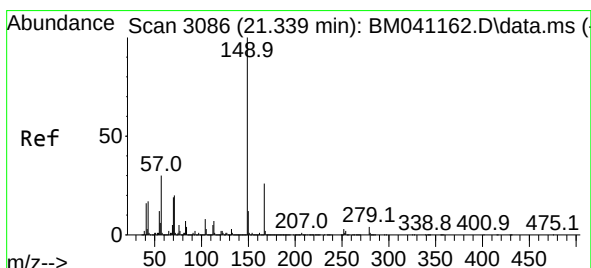
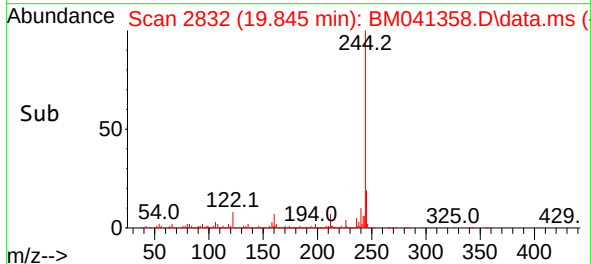
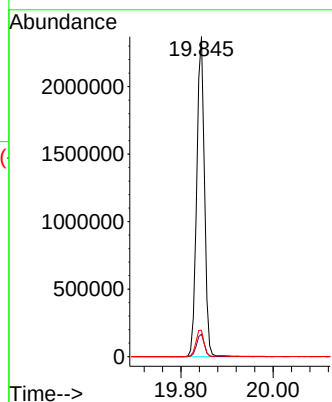
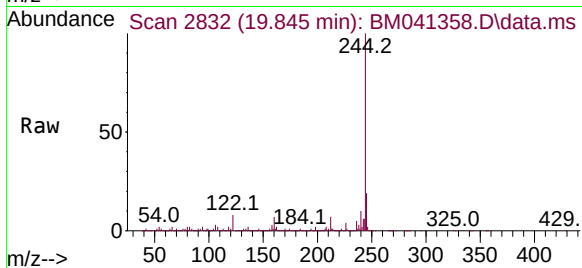
Tgt Ion:244 Resp: 2749130

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.2 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.918 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041358.D

Acq: 10 Aug 2023 11:55

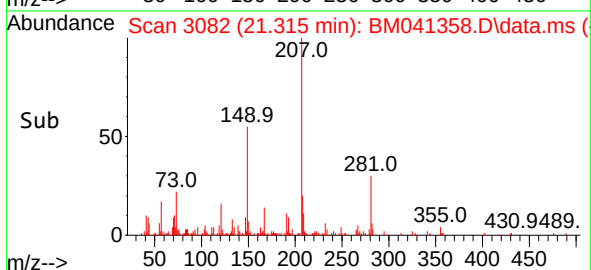
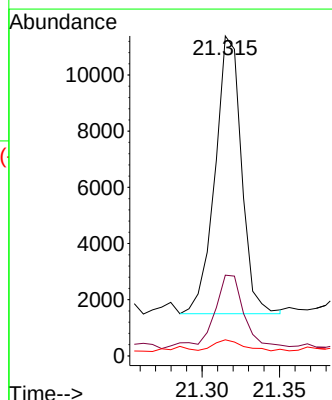
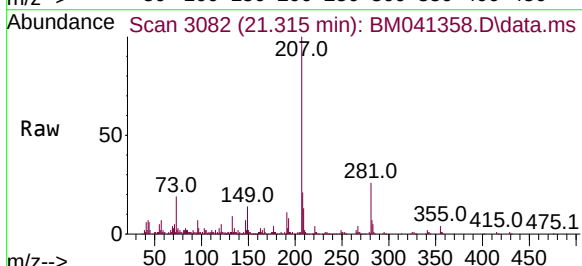
Tgt Ion:149 Resp: 11776

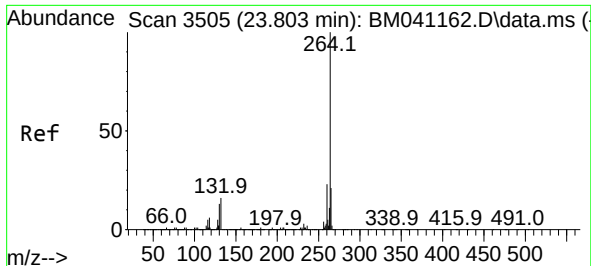
Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.6

279 5.0 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041358.D
Acq: 10 Aug 2023 11:55

Instrument :
BNA_M
ClientSampleId :
MANHOLE

Tgt Ion:264 Resp: 844326
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 22.2 17.4 26.0

