

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041310.D
 Acq On : 07 Aug 2023 13:43
 Operator : MA/JU
 Sample : 03903-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-03

Quant Time: Aug 07 17:30:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

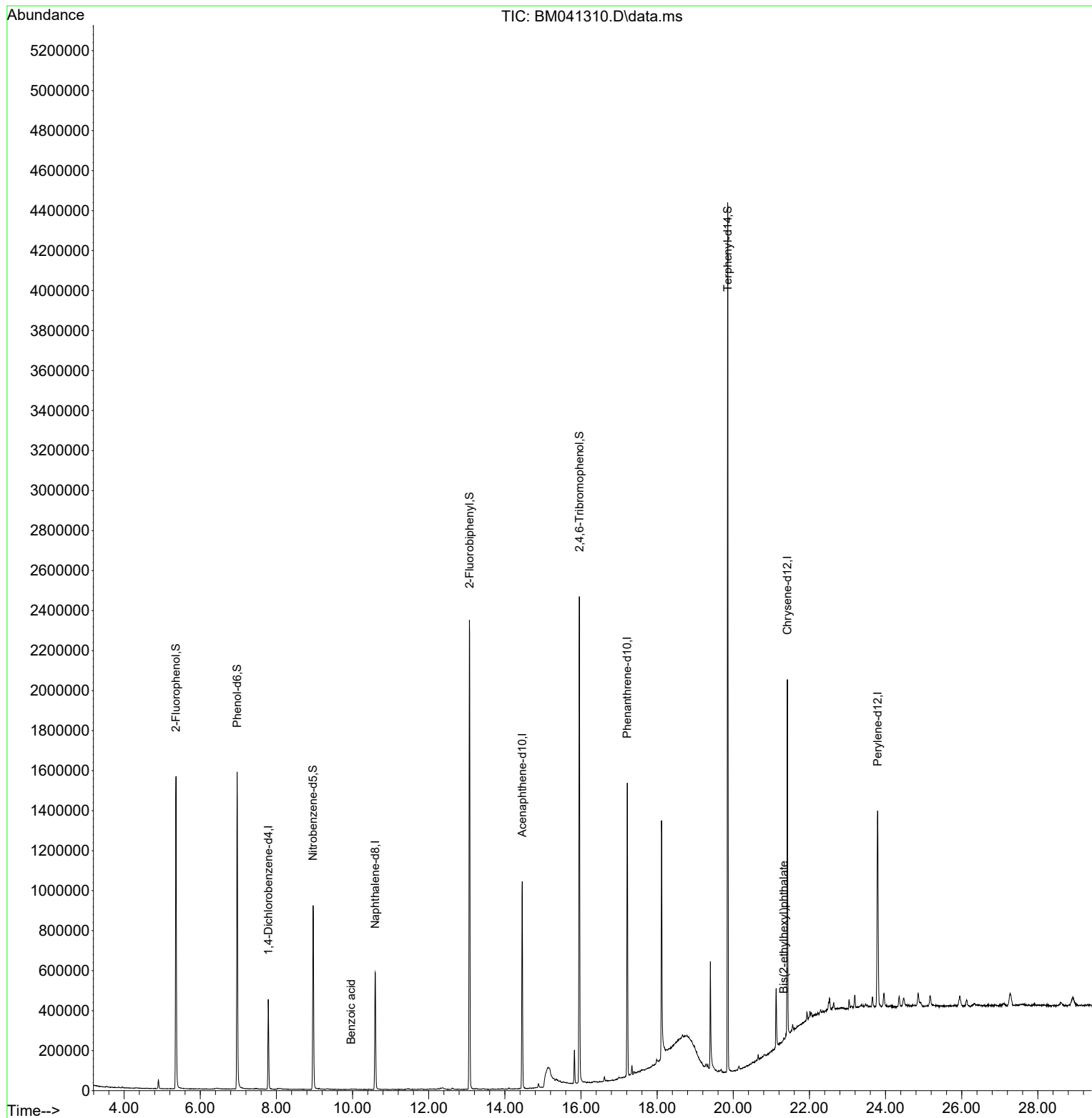
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	114764	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	486545	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	334619	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	820959	20.000	ng	0.00
76) Chrysene-d12	21.421	240	761951	20.000	ng	0.00
86) Perylene-d12	23.792	264	745636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	654355	85.217	ng	0.00
7) Phenol-d6	6.969	99	872602	87.669	ng	0.00
23) Nitrobenzene-d5	8.963	82	544669	52.060	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	437066	92.344	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1199579	45.286	ng	0.00
79) Terphenyl-d14	19.856	244	2108015	50.022	ng	0.00
Target Compounds						
32) Benzoic acid	9.963	122	212	7.188	ng	Qvalue # 51
84) Bis(2-ethylhexyl)phtha...	21.327	149	5950	2.722	ng	96

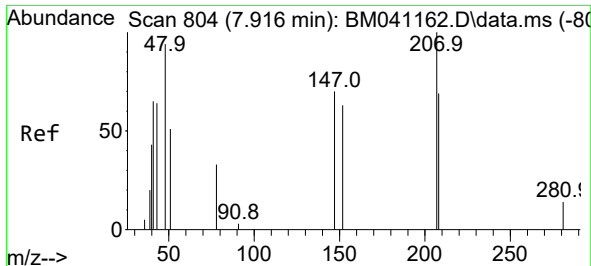
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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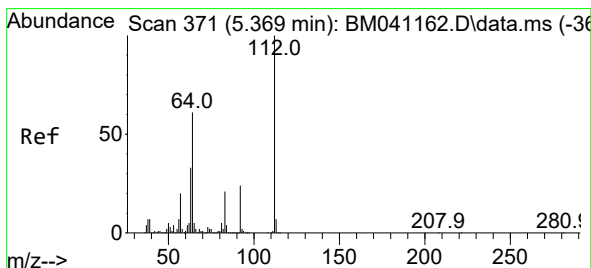
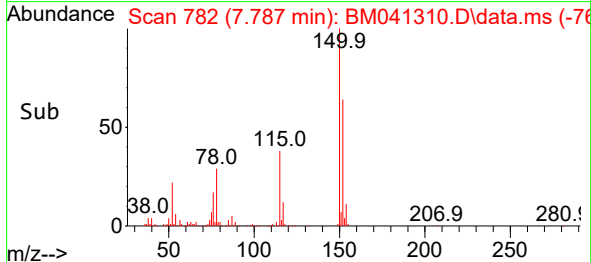
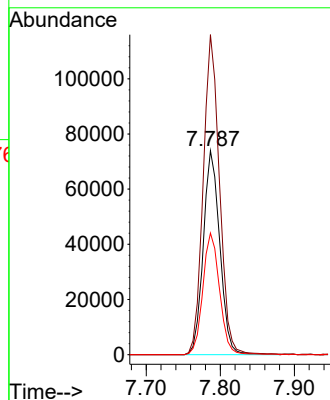
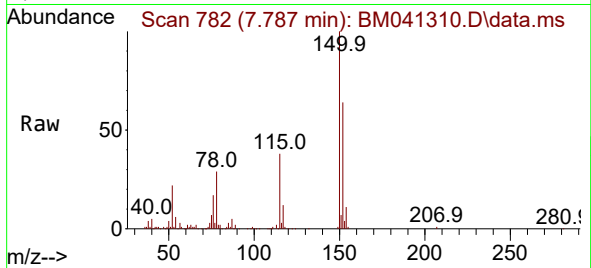




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

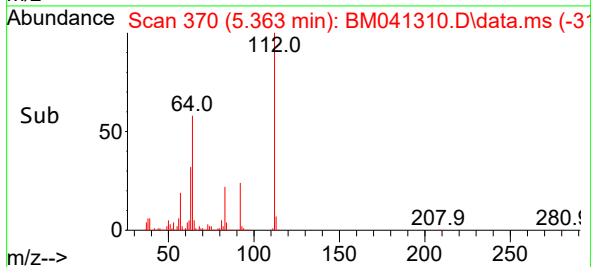
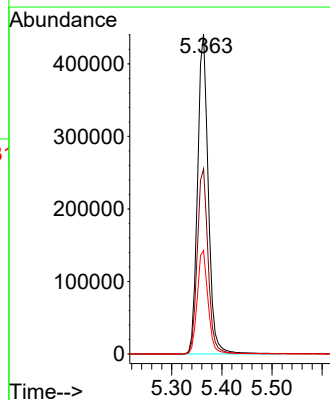
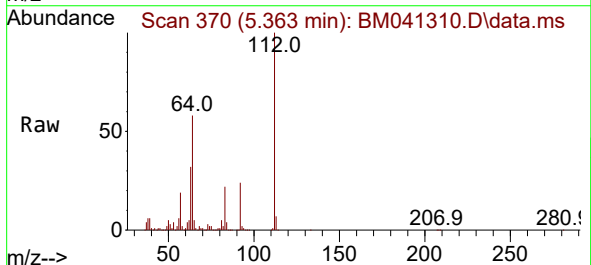
Instrument :
BNA_M
ClientSampleId :
MW-03

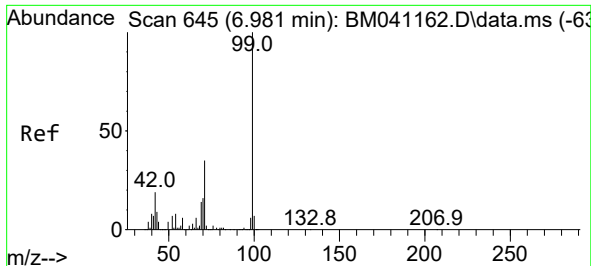
Tgt Ion:152 Resp: 114764
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.6 48.0 72.0



#5
2-Fluorophenol
Concen: 85.217 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Tgt Ion:112 Resp: 654355
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 32.3 26.5 39.7

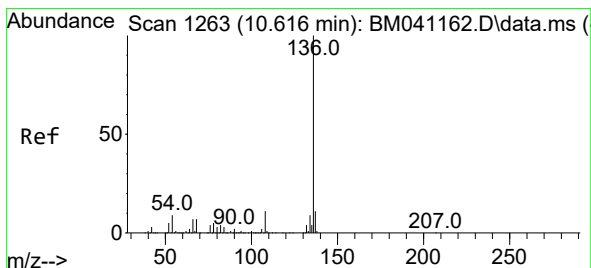
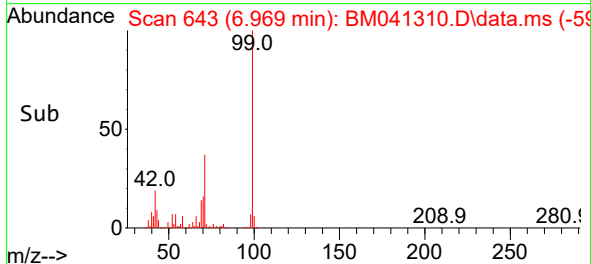
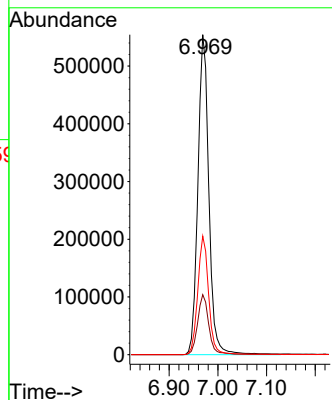
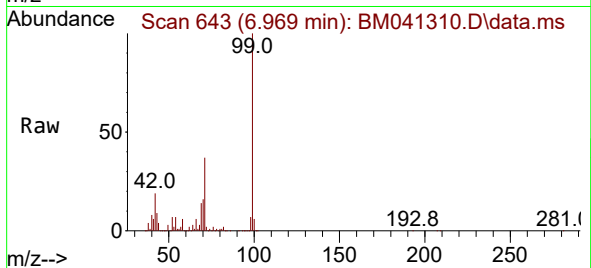




#7
Phenol-d6
Concen: 87.669 ng
RT: 6.969 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

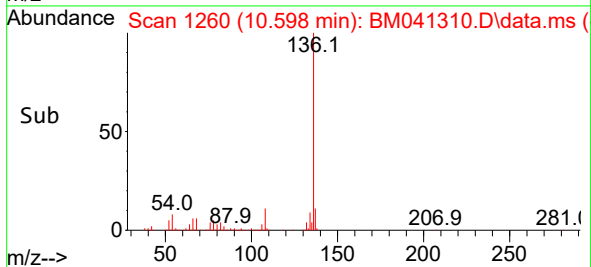
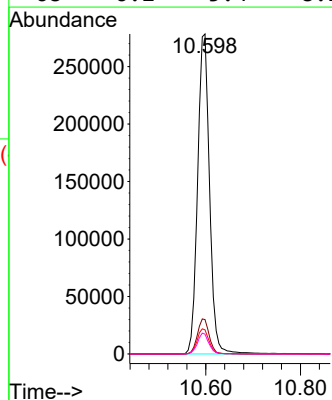
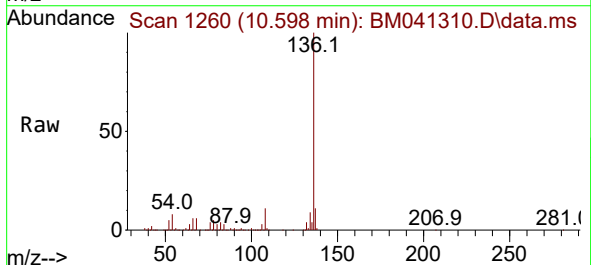
Instrument :
BNA_M
ClientSampleId :
MW-03

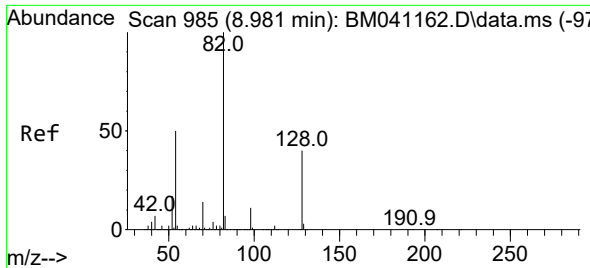
Tgt Ion: 99 Resp: 872602
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Tgt Ion: 136 Resp: 486545
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.9 10.3
68 6.2 5.4 8.2

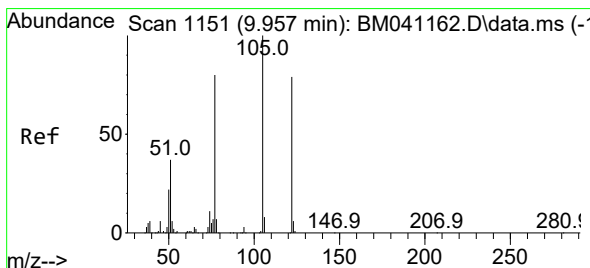
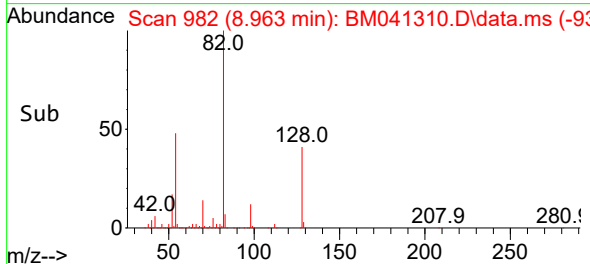
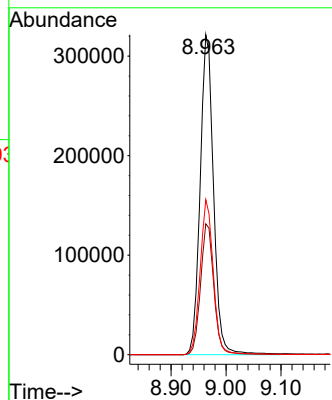
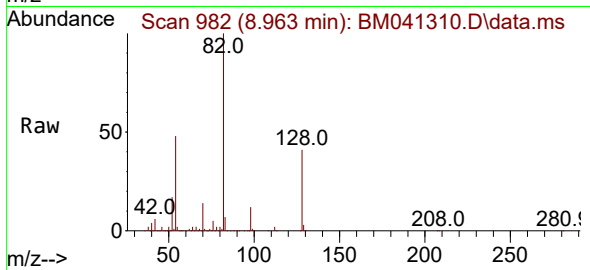




#23
Nitrobenzene-d5
Concen: 52.060 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

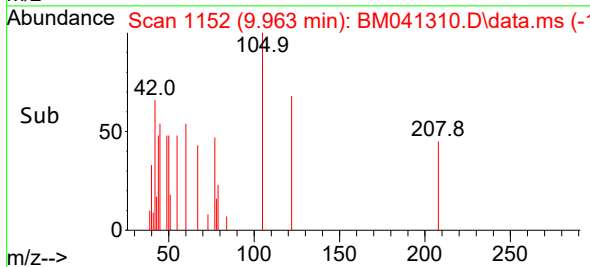
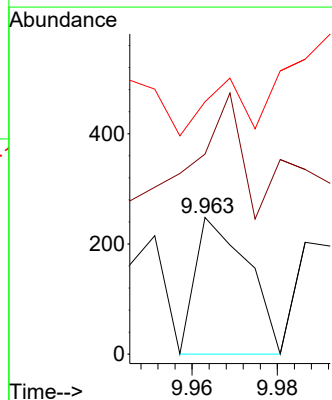
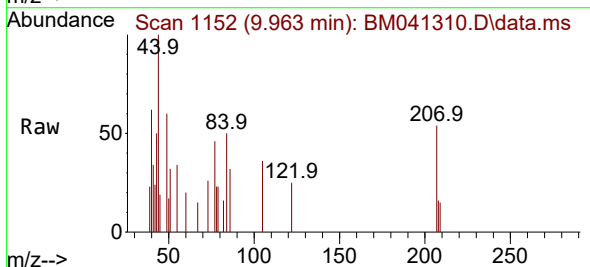
Instrument :
BNA_M
ClientSampleId :
MW-03

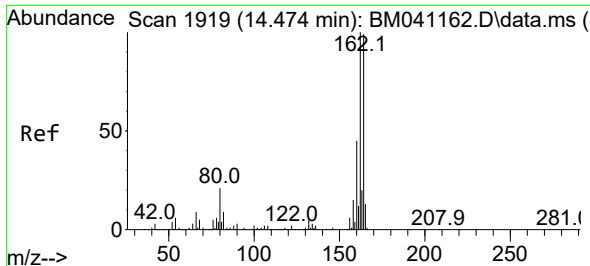
Tgt Ion: 82 Resp: 544669
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.4 40.1 60.1



#32
Benzoic acid
Concen: 7.188 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Tgt Ion: 122 Resp: 212
Ion Ratio Lower Upper
122 100
105 146.4 104.0 144.0#
77 184.7 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BM041310.D

Acq: 07 Aug 2023 13:43

Instrument :

BNA_M

ClientSampleId :

MW-03

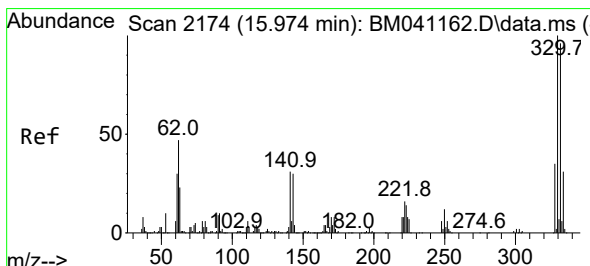
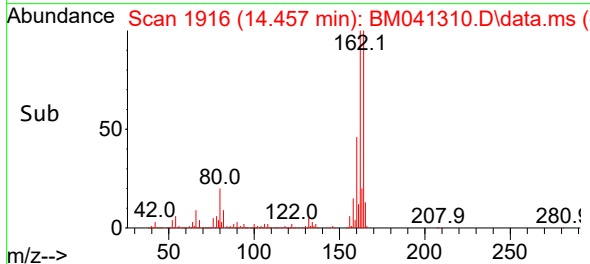
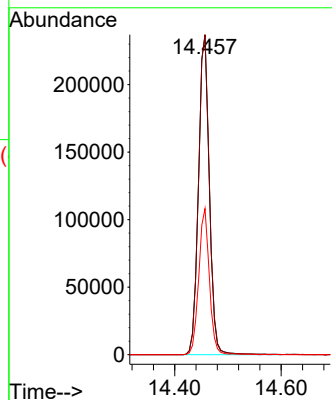
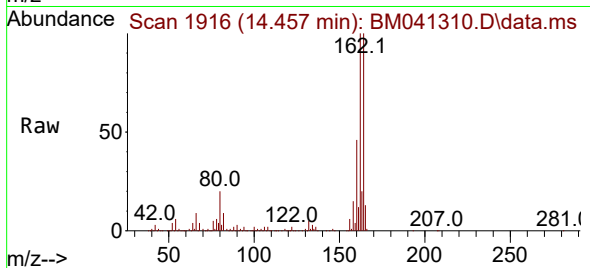
Tgt Ion:164 Resp: 334619

Ion Ratio Lower Upper

164 100

162 100.1 80.4 120.6

160 45.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 92.344 ng

RT: 15.957 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BM041310.D

Acq: 07 Aug 2023 13:43

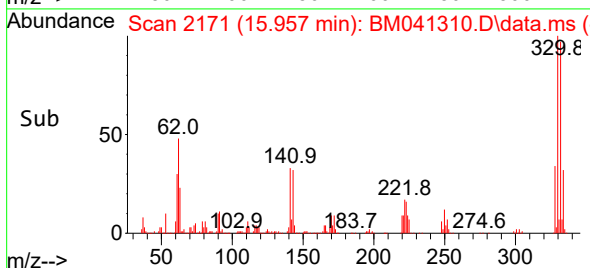
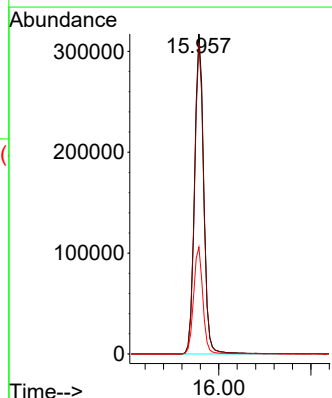
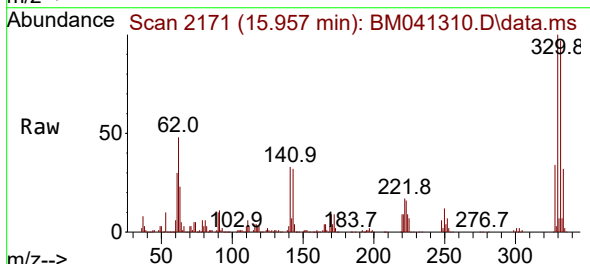
Tgt Ion:330 Resp: 437066

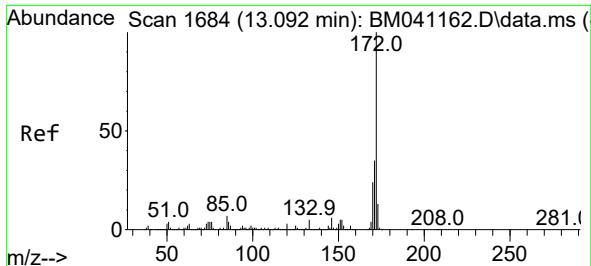
Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

141 33.7 28.3 42.5

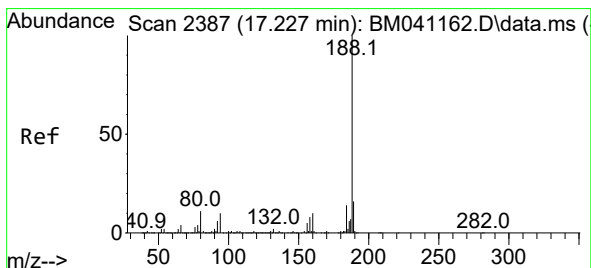
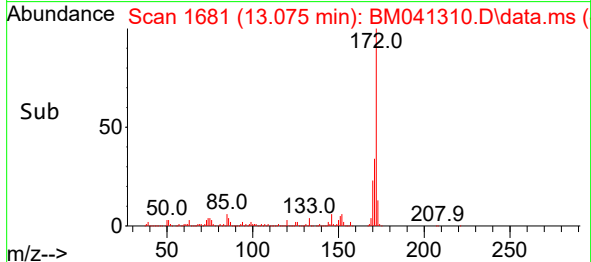
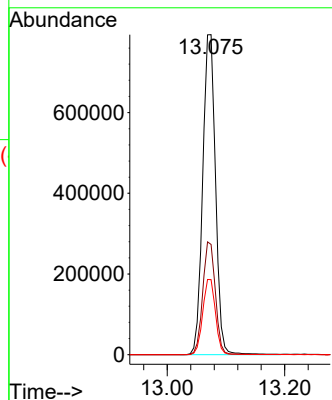
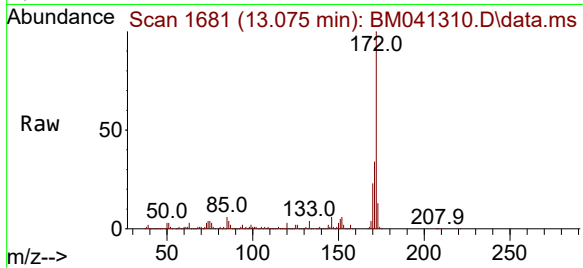




#45
2-Fluorobiphenyl
Concen: 45.286 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

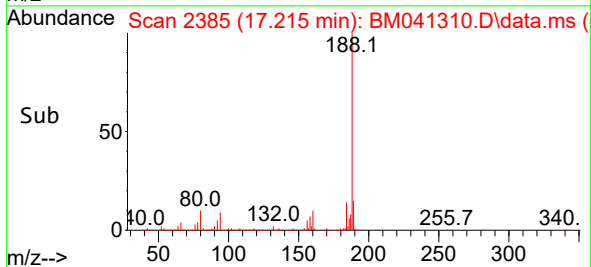
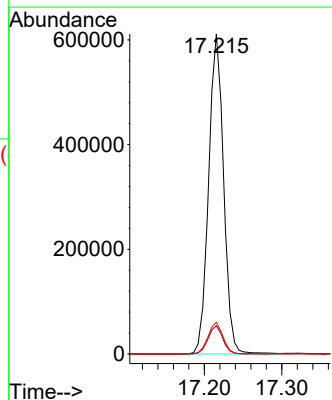
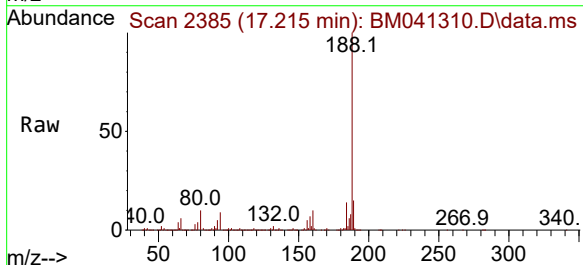
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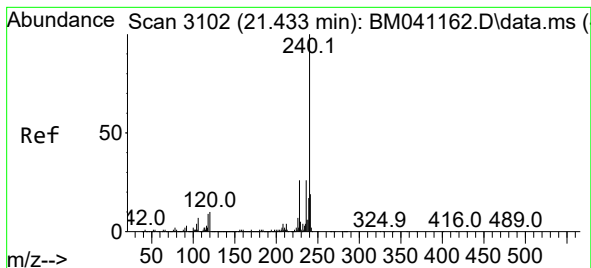
Tgt Ion:172 Resp: 1199579
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Tgt Ion:188 Resp: 820959
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.9 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041310.D

Acq: 07 Aug 2023 13:43

Instrument :

BNA_M

ClientSampleId :

MW-03

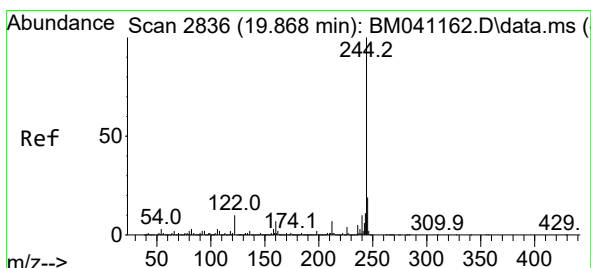
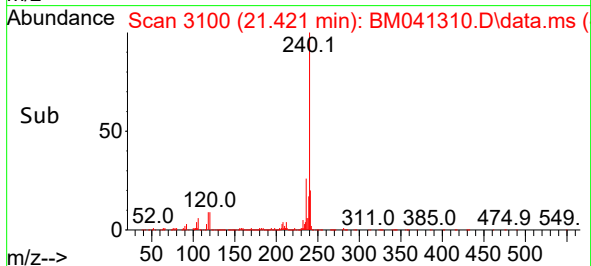
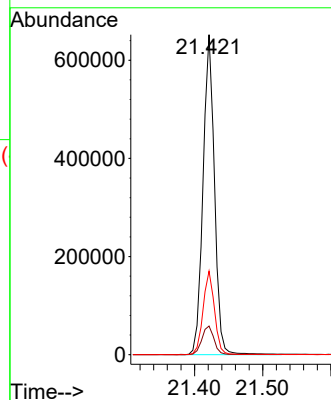
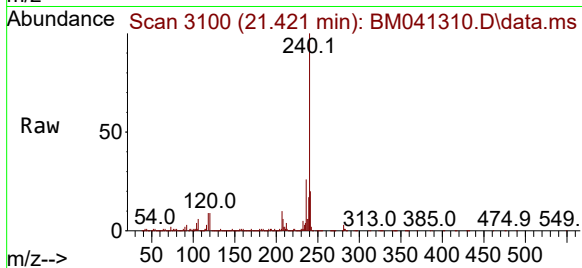
Tgt Ion:240 Resp: 761951

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 50.022 ng

RT: 19.856 min Scan# 2834

Delta R.T. 0.006 min

Lab File: BM041310.D

Acq: 07 Aug 2023 13:43

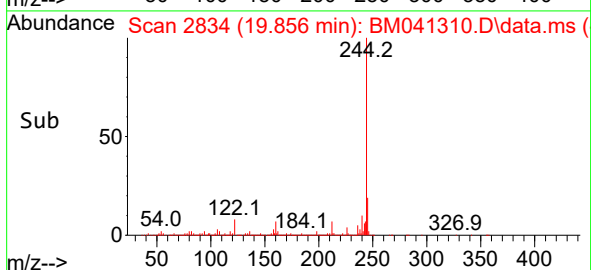
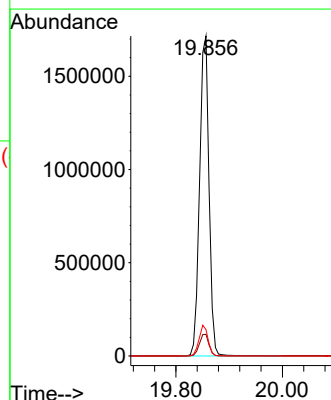
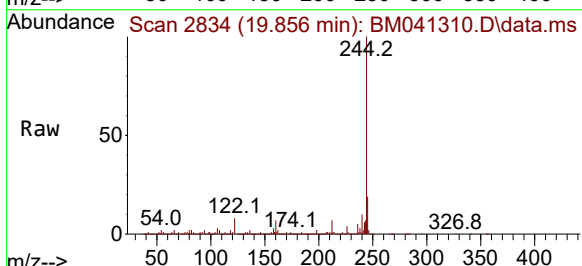
Tgt Ion:244 Resp: 2108015

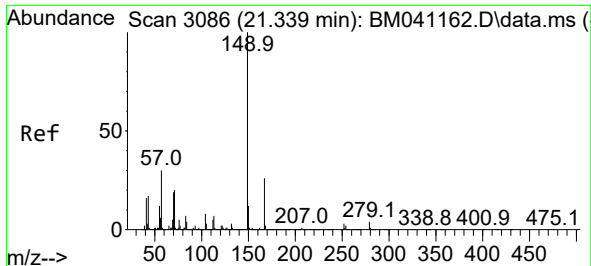
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.2 7.8 11.6

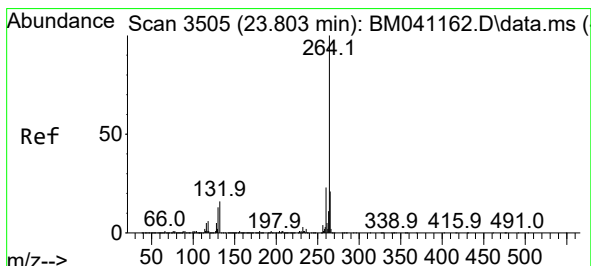
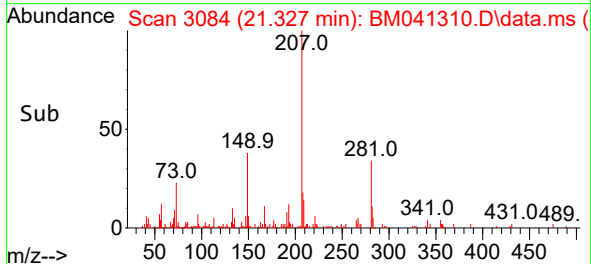
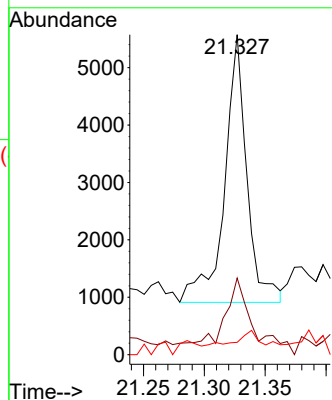
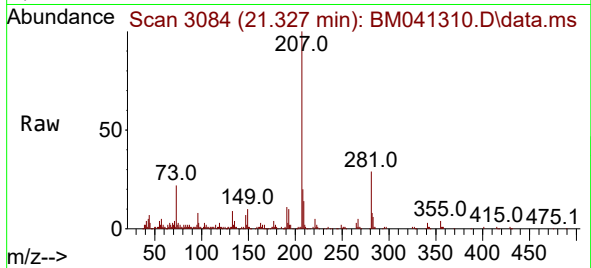




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.722 ng
RT: 21.327 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Instrument :
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ClientSampleId :
MW-03

Tgt Ion:149 Resp: 5950
Ion Ratio Lower Upper
149 100
167 23.9 21.0 31.6
279 3.9 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BM041310.D
Acq: 07 Aug 2023 13:43

Tgt Ion:264 Resp: 745636
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.4 26.0

