

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041315.D
 Acq On : 07 Aug 2023 16:50
 Operator : MA/JU
 Sample : 03903-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-07W

Quant Time: Aug 07 18:20:31 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)

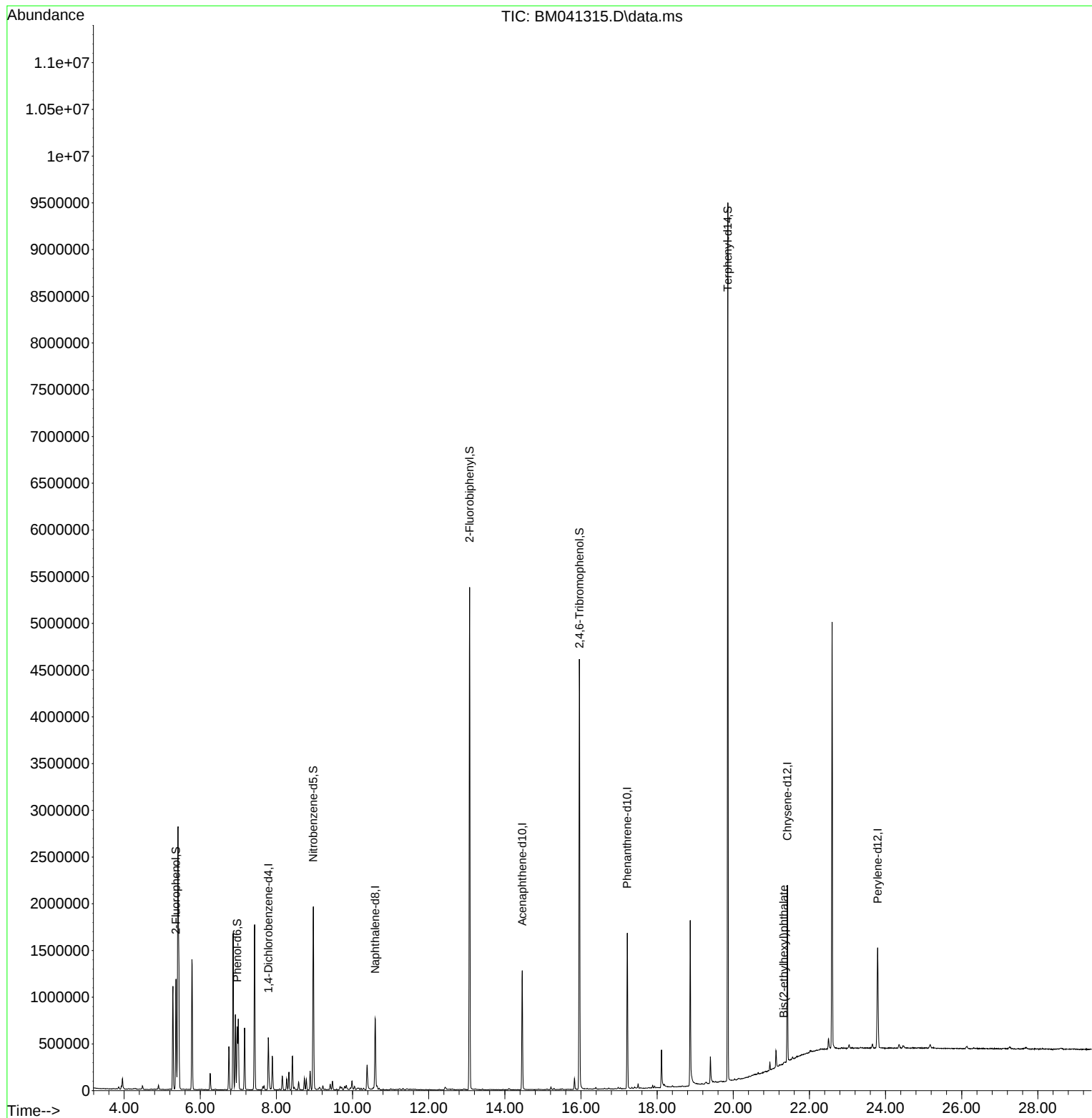
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	144768	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	609870	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	414992	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	957171	20.000	ng	0.00
76) Chrysene-d12	21.421	240	832190	20.000	ng	0.00
86) Perylene-d12	23.791	264	787788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	480601	49.617	ng	0.00
7) Phenol-d6	6.969	99	380031	30.268	ng	0.00
23) Nitrobenzene-d5	8.969	82	1071131	81.677	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	855915	145.816	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2580556	78.553	ng	0.00
79) Terphenyl-d14	19.856	244	4292620	93.263	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.327	149	4274	2.659	ng	Qvalue # 98

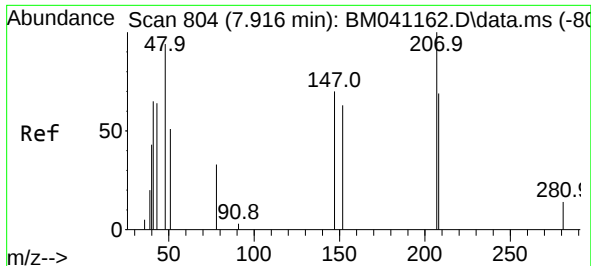
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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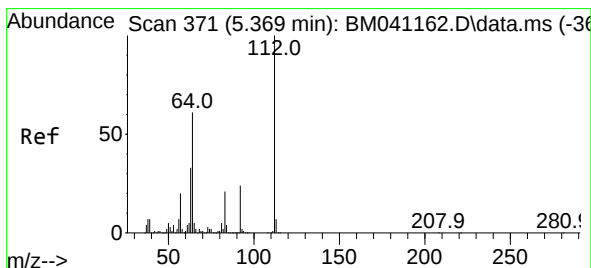
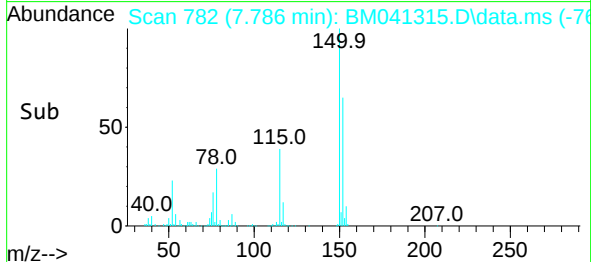
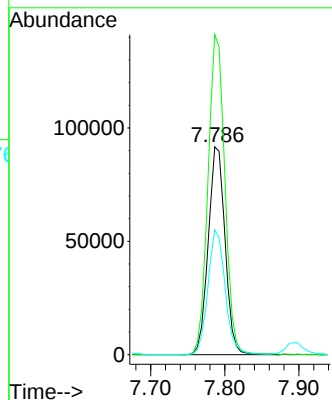
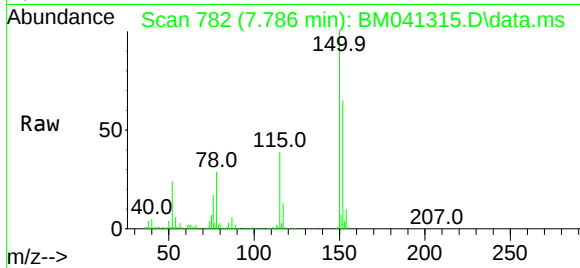




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

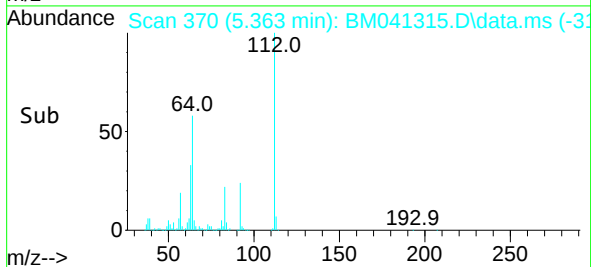
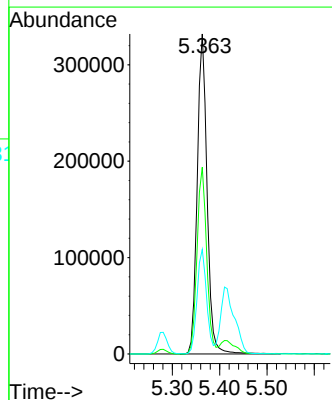
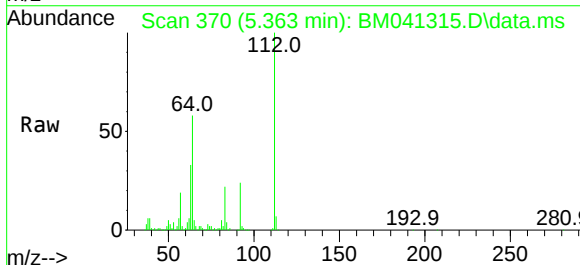
Instrument :
BNA_M
ClientSampleId :
MW-07W

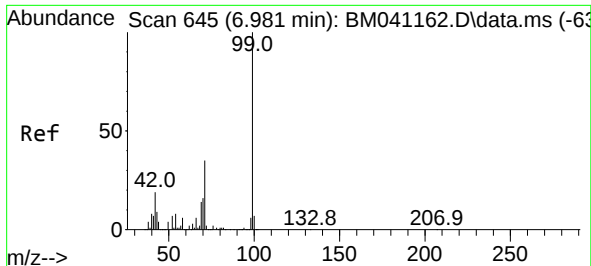
Tgt Ion:152 Resp: 144768
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 60.0 48.0 72.0



#5
2-Fluorophenol
Concen: 49.617 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

Tgt Ion:112 Resp: 480601
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 32.7 26.5 39.7

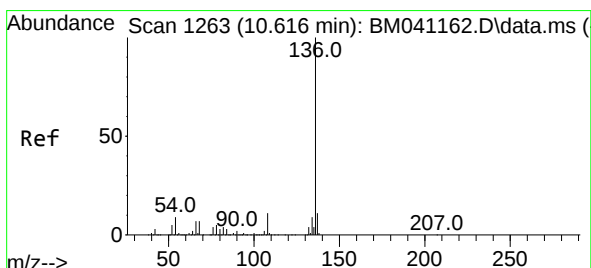
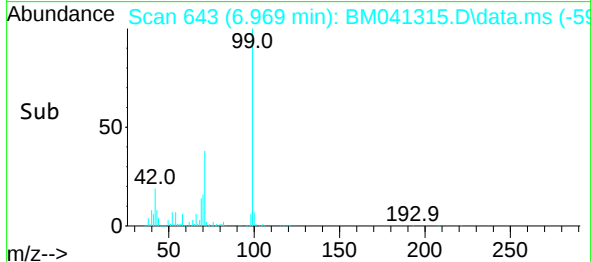
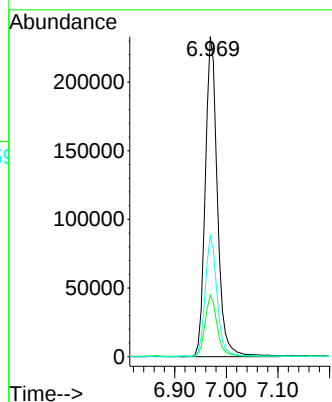
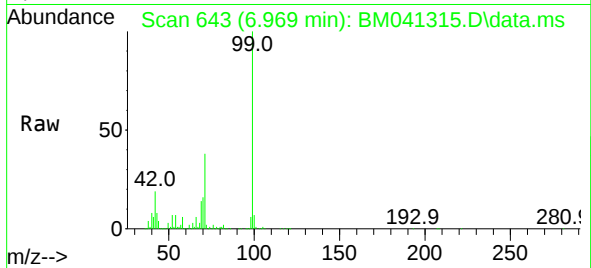




#7
Phenol-d6
Concen: 30.268 ng
RT: 6.969 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

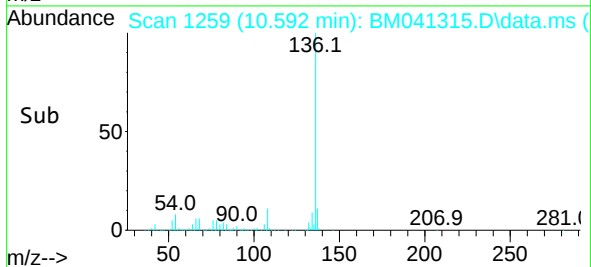
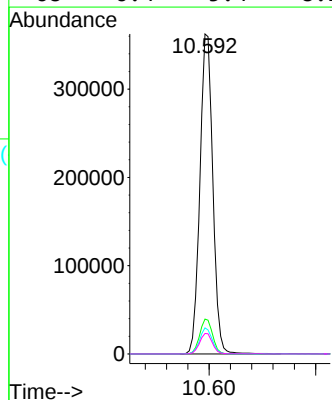
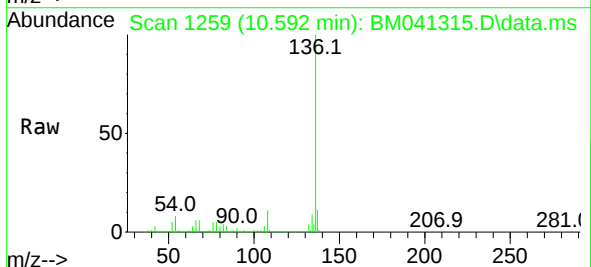
Instrument :
BNA_M
ClientSampleId :
MW-07W

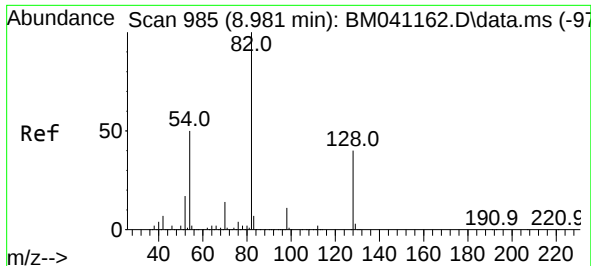
Tgt Ion: 99 Resp: 380031
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 37.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

Tgt Ion: 136 Resp: 609870
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.9 10.3
68 6.4 5.4 8.2

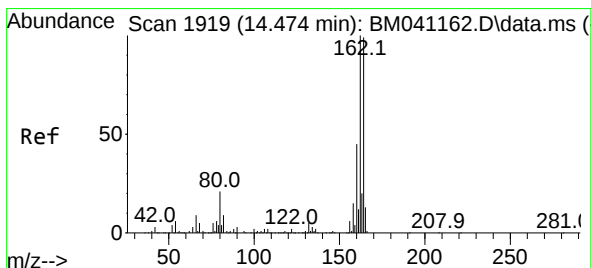
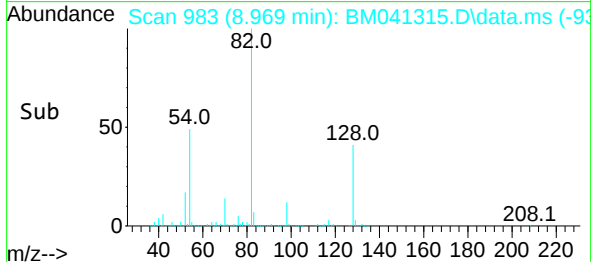
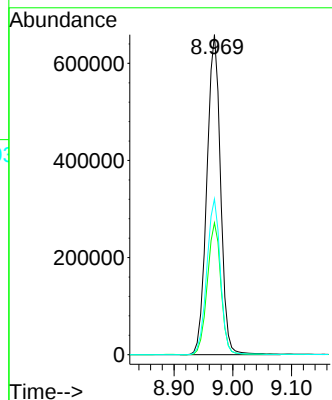
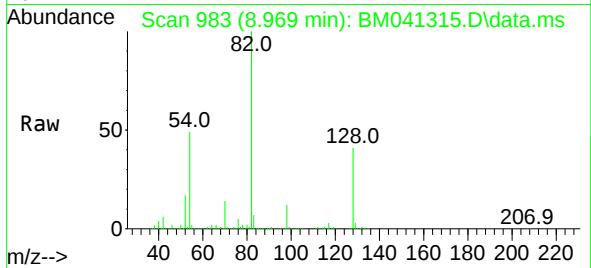




#23
Nitrobenzene-d5
Concen: 81.677 ng
RT: 8.969 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

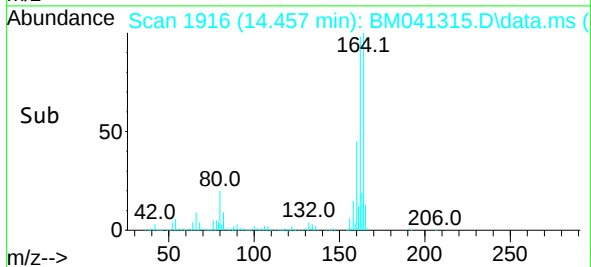
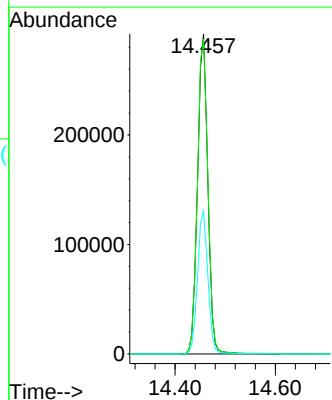
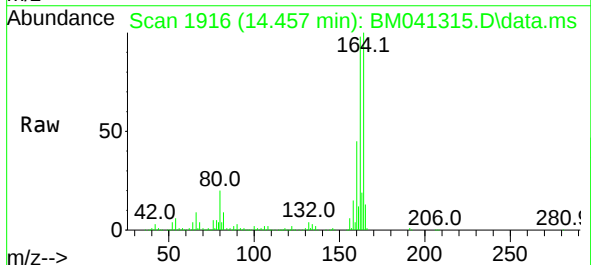
Instrument :
BNA_M
ClientSampleId :
MW-07W

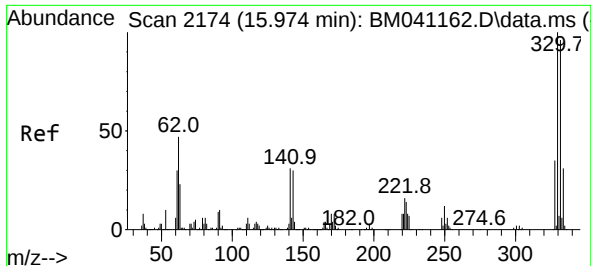
Tgt Ion: 82 Resp: 1071131
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 48.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

Tgt Ion: 164 Resp: 414992
Ion Ratio Lower Upper
164 100
162 98.3 80.4 120.6
160 44.7 36.2 54.2

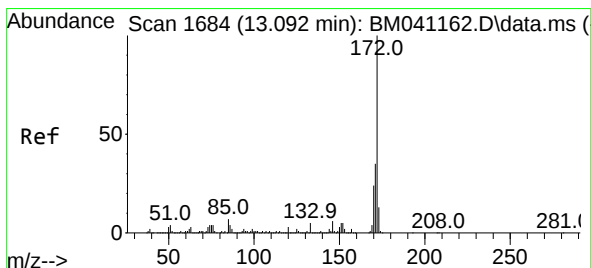
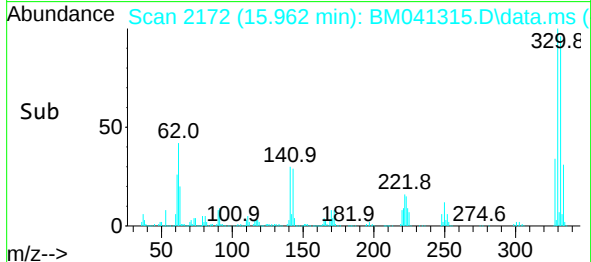
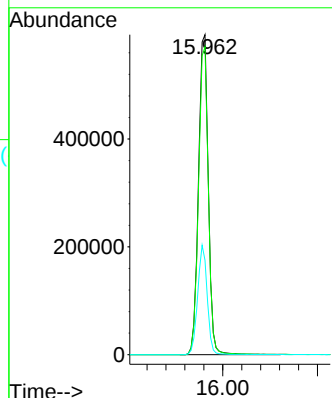
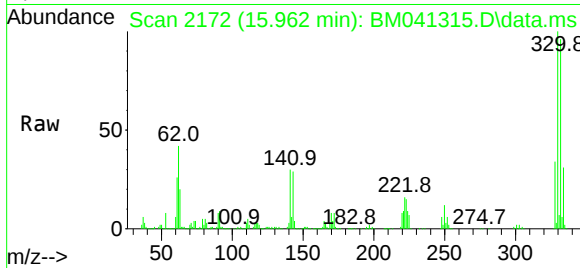




#42
2,4,6-Tribromophenol
Concen: 145.816 ng
RT: 15.962 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

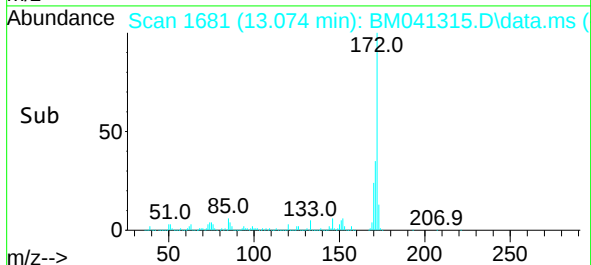
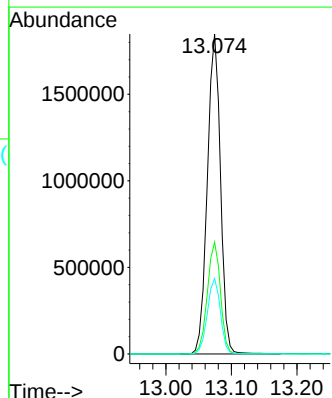
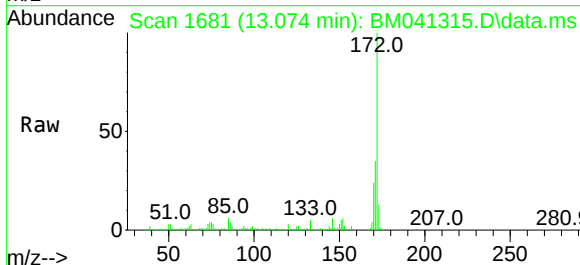
Instrument :
BNA_M
ClientSampleId :
MW-07W

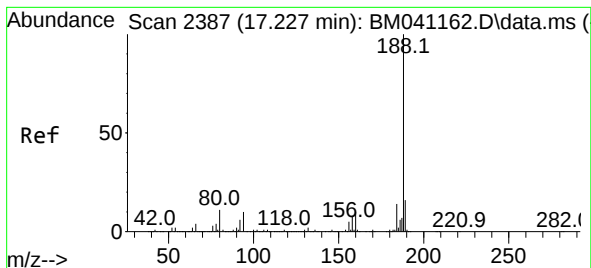
Tgt Ion:330 Resp: 855915
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 33.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 78.553 ng
RT: 13.074 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BM041315.D
Acq: 07 Aug 2023 16:50

Tgt Ion:172 Resp: 2580556
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041315.D

Acq: 07 Aug 2023 16:50

Instrument :

BNA_M

ClientSampleId :

MW-07W

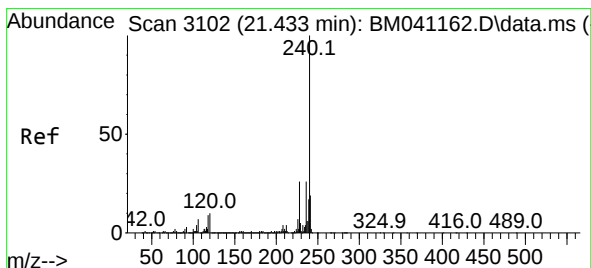
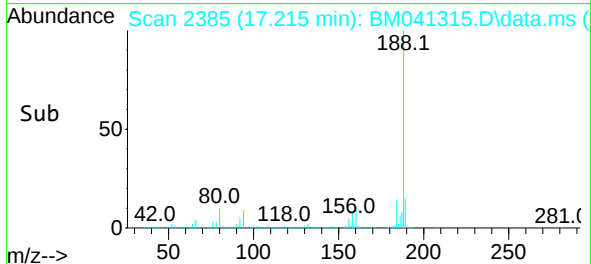
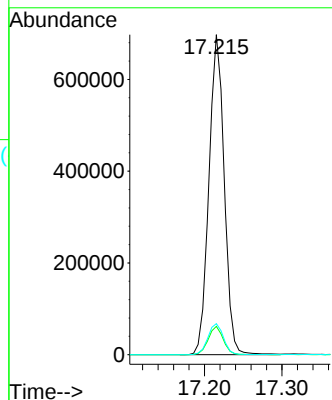
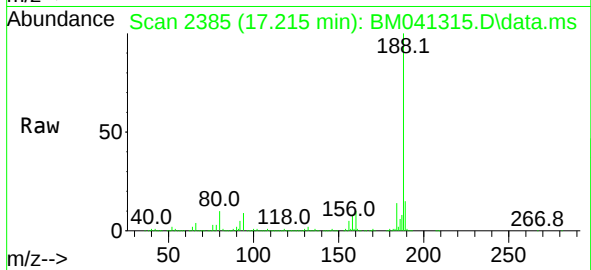
Tgt Ion:188 Resp: 957171

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.7 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM041315.D

Acq: 07 Aug 2023 16:50

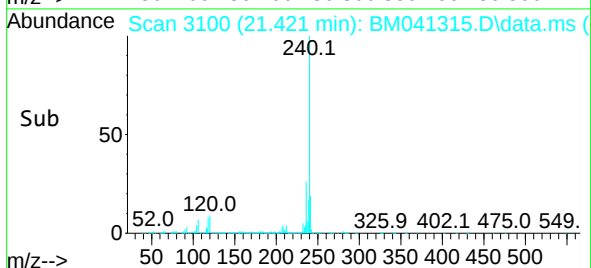
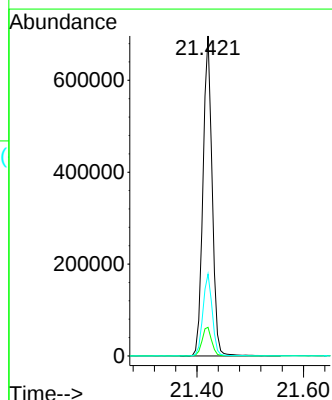
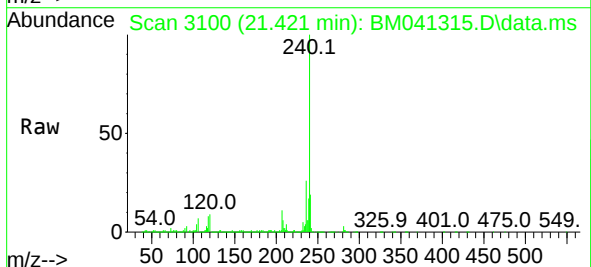
Tgt Ion:240 Resp: 832190

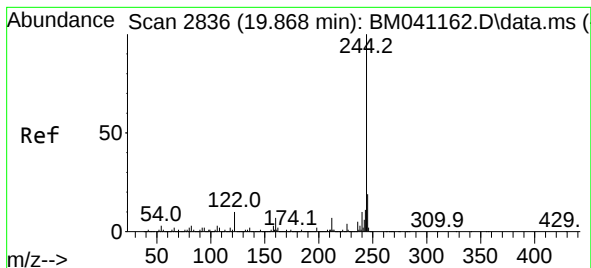
Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 93.263 ng

RT: 19.856 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041315.D

Acq: 07 Aug 2023 16:50

Instrument :

BNA_M

ClientSampleId :

MW-07W

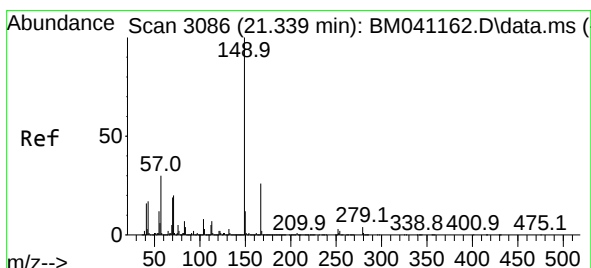
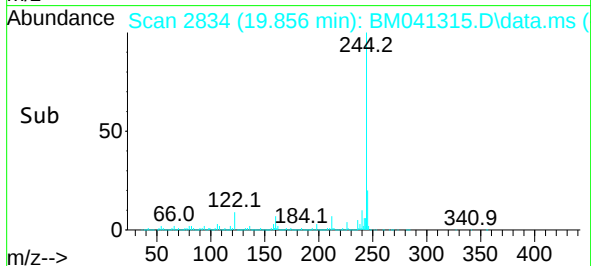
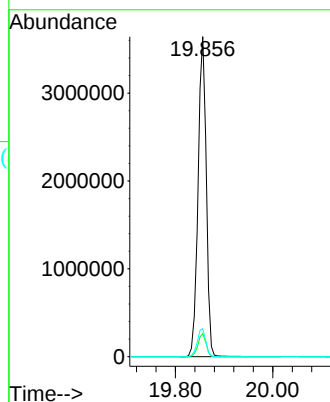
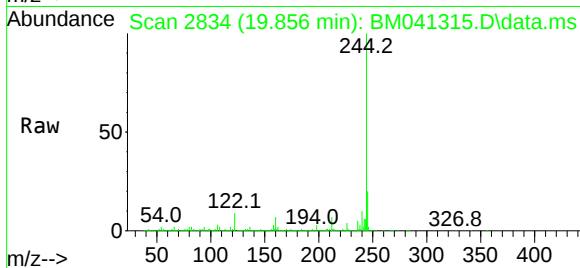
Tgt Ion:244 Resp: 4292620

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.7 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.659 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM041315.D

Acq: 07 Aug 2023 16:50

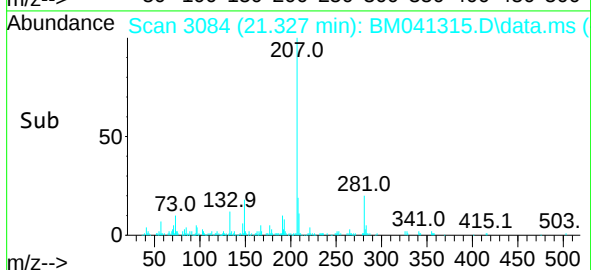
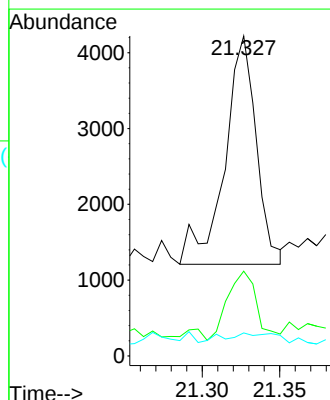
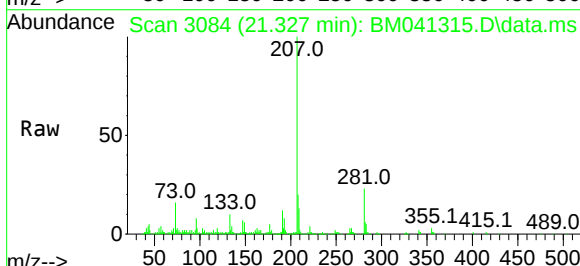
Tgt Ion:149 Resp: 4274

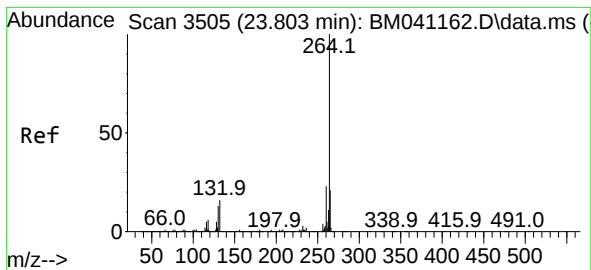
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.6

279 7.2 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM041315.D
 Acq: 07 Aug 2023 16:50

Instrument :
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Tgt Ion:264 Resp: 787788
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.5 17.4 26.0

