

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041309.D
 Acq On : 07 Aug 2023 13:06
 Operator : MA/JU
 Sample : 03903-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02

Quant Time: Aug 07 17:30:01 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)

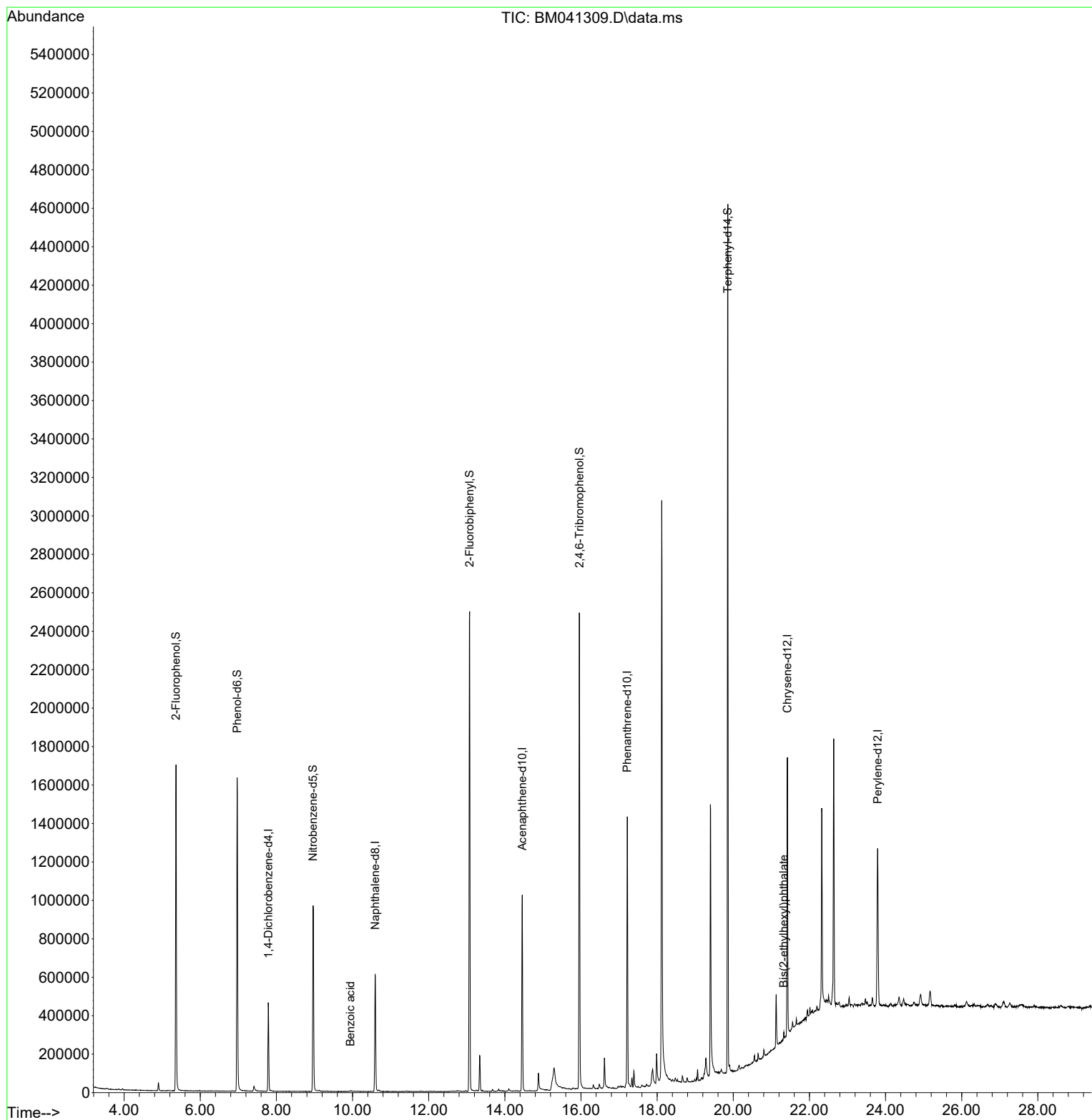
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	118896	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	489741	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	333826	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	796784	20.000	ng	0.00
76) Chrysene-d12	21.421	240	646296	20.000	ng	0.00
86) Perylene-d12	23.791	264	624903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	685702	86.196	ng	0.00
7) Phenol-d6	6.969	99	897634	87.050	ng	0.00
23) Nitrobenzene-d5	8.963	82	567199	53.860	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	446327	94.525	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1279270	48.410	ng	0.00
79) Terphenyl-d14	19.856	244	2169703	60.699	ng	0.00
Target Compounds						
32) Benzoic acid	9.945	122	1204	7.341	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.327	149	13199	3.016	ng	# 97

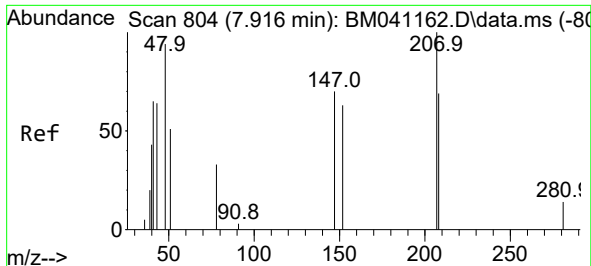
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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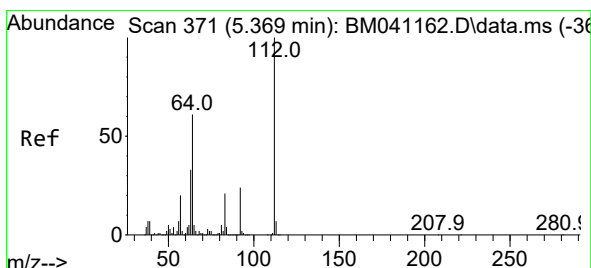
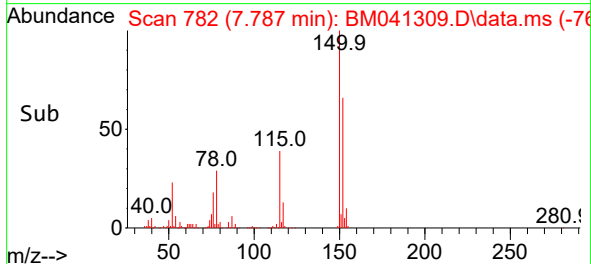
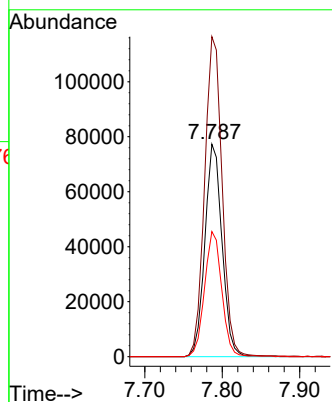
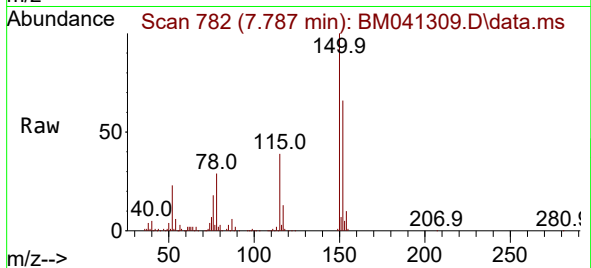




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

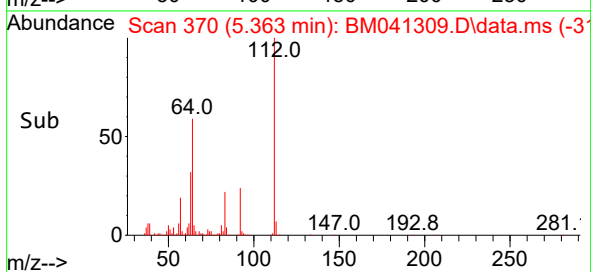
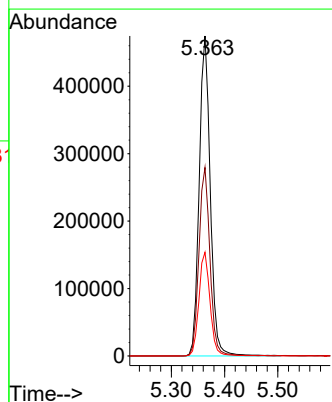
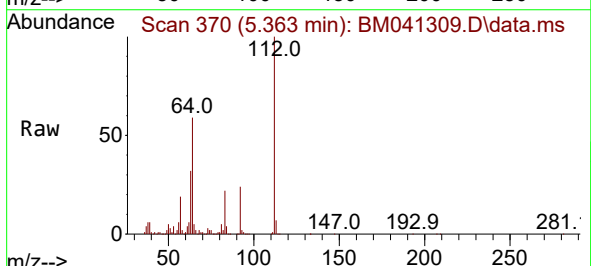
Instrument :
BNA_M
ClientSampleId :
MW-02

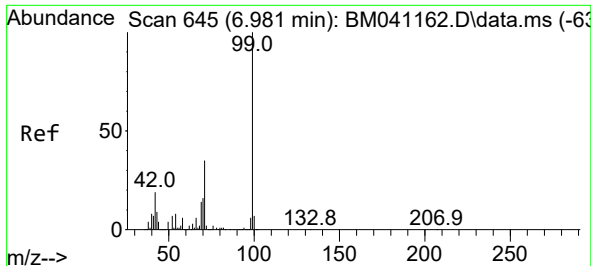
Tgt Ion:152 Resp: 118896
Ion Ratio Lower Upper
152 100
150 150.6 125.5 188.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 86.196 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

Tgt Ion:112 Resp: 685702
Ion Ratio Lower Upper
112 100
64 58.9 48.5 72.7
63 32.4 26.5 39.7

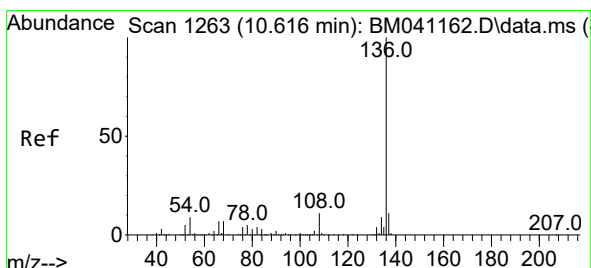
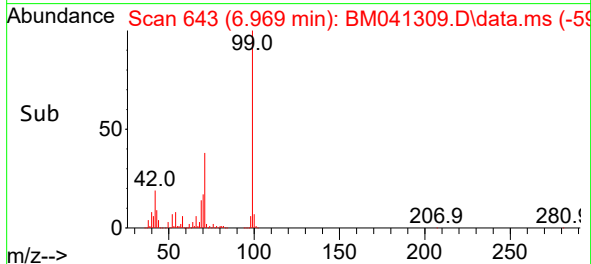
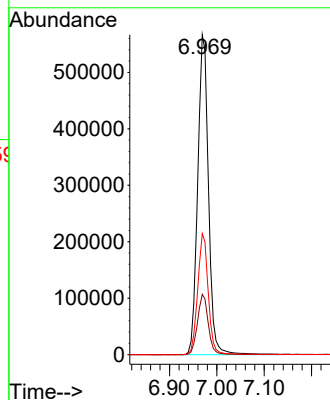
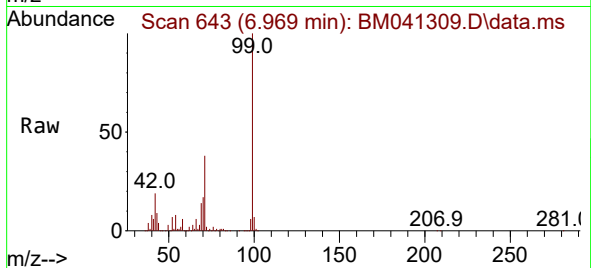




#7
Phenol-d6
Concen: 87.050 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

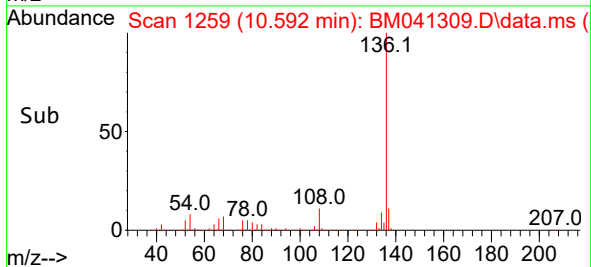
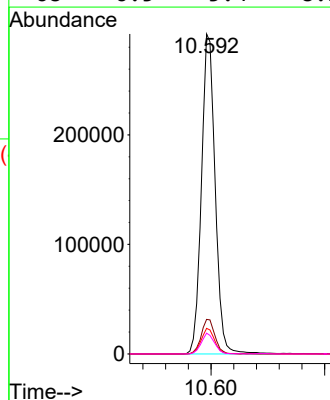
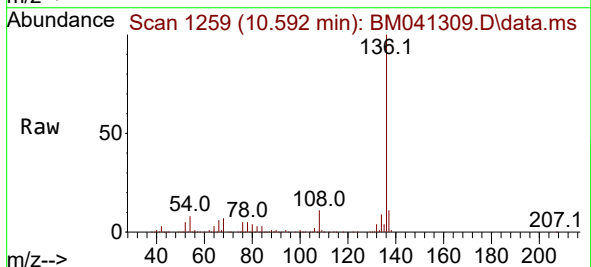
Instrument :
BNA_M
ClientSampleId :
MW-02

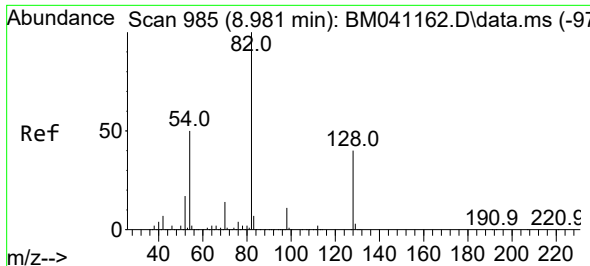
Tgt Ion: 99 Resp: 897634
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 136 Resp: 489741
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.9 10.3
68 6.5 5.4 8.2

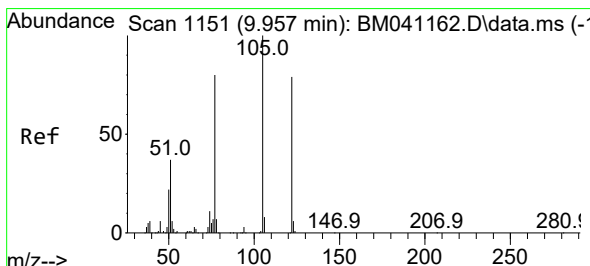
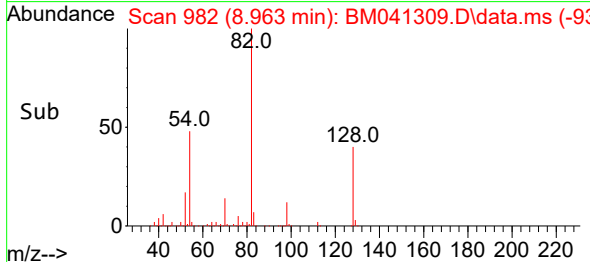
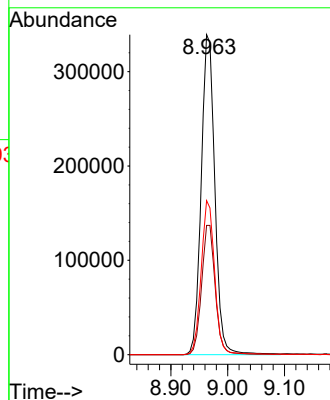
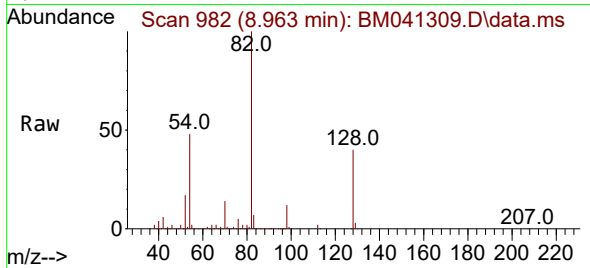




#23
Nitrobenzene-d5
Concen: 53.860 ng
RT: 8.963 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

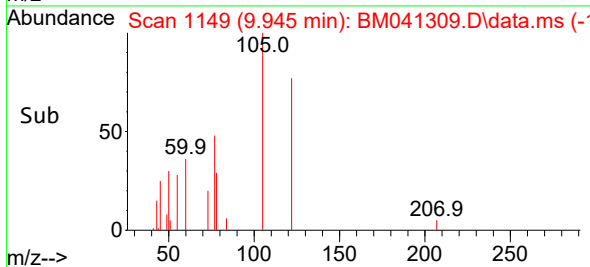
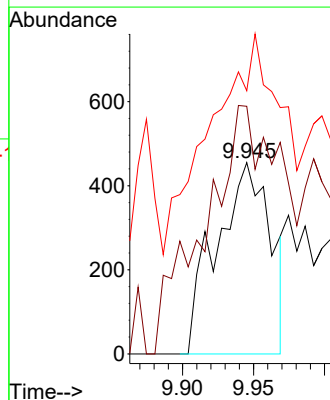
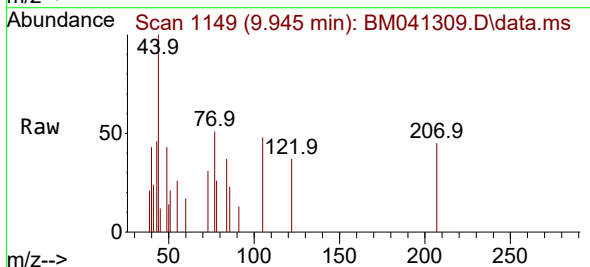
Instrument :
BNA_M
ClientSampleId :
MW-02

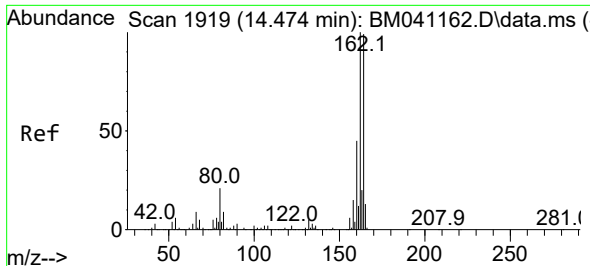
Tgt Ion: 82 Resp: 567199
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 48.1 40.1 60.1



#32
Benzoic acid
Concen: 7.341 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 122 Resp: 1204
Ion Ratio Lower Upper
122 100
105 129.5 104.0 144.0
77 137.6 79.9 119.9

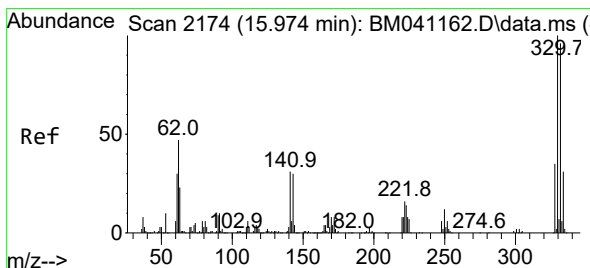
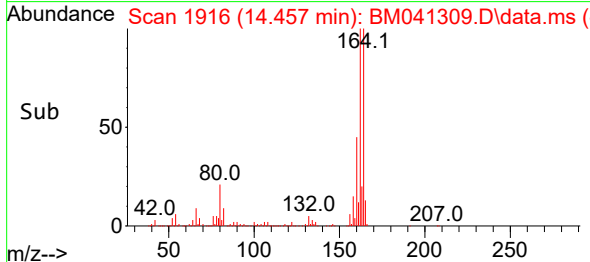
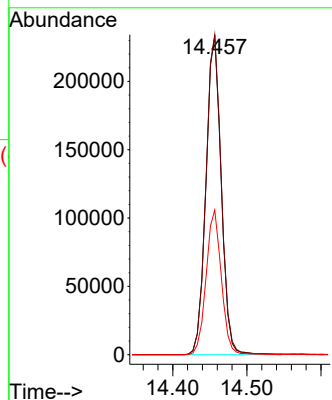
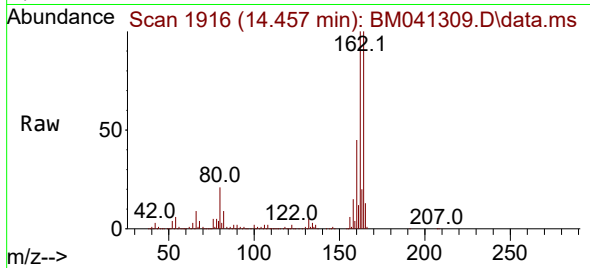




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

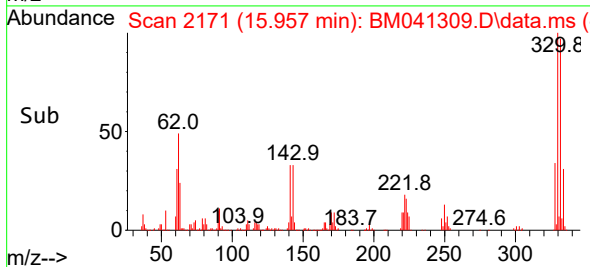
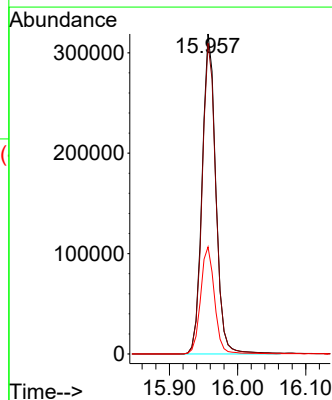
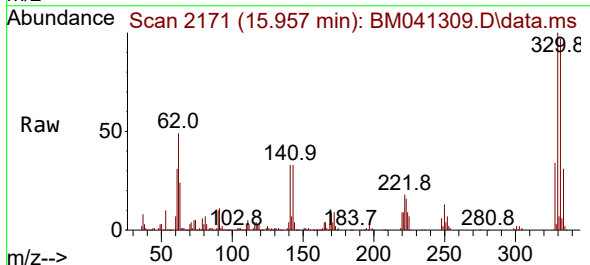
Instrument :
BNA_M
ClientSampleId :
MW-02

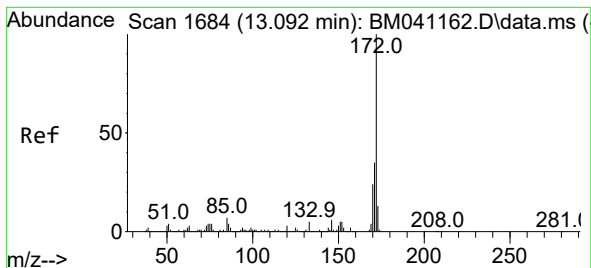
Tgt Ion:164 Resp: 333826
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 45.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 94.525 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

Tgt Ion:330 Resp: 446327
Ion Ratio Lower Upper
330 100
332 97.8 77.7 116.5
141 33.9 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 48.410 ng

RT: 13.074 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041309.D

Acq: 07 Aug 2023 13:06

Instrument :

BNA_M

ClientSampleId :

MW-02

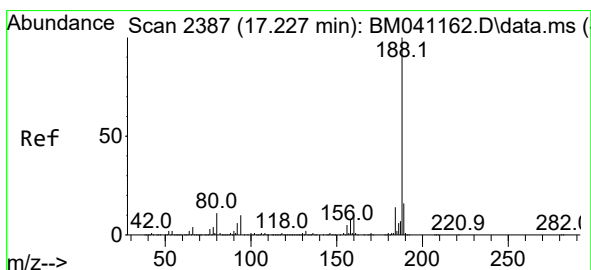
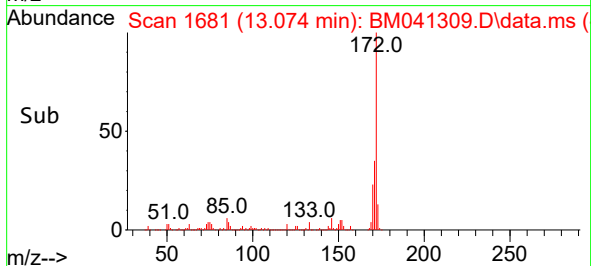
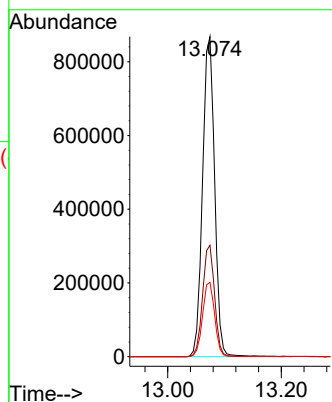
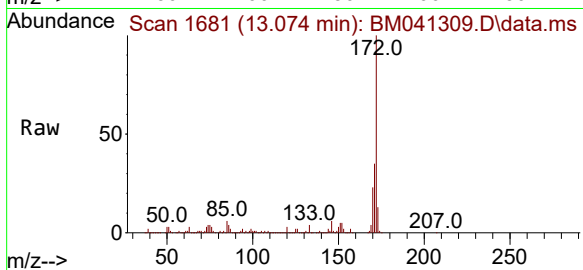
Tgt Ion:172 Resp: 1279270

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.2 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: BM041309.D

Acq: 07 Aug 2023 13:06

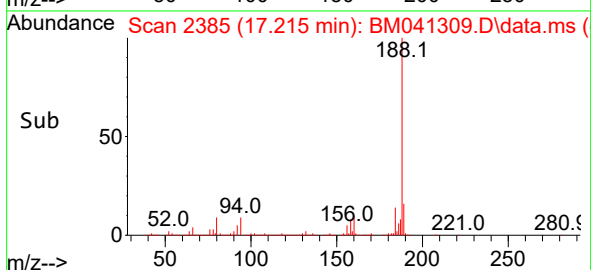
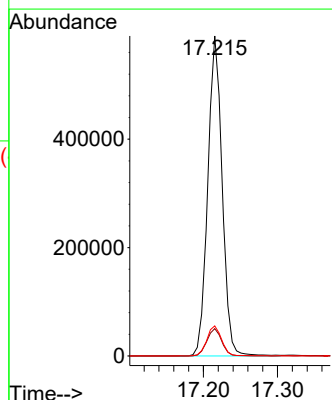
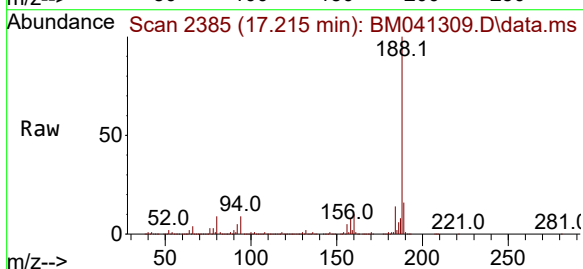
Tgt Ion:188 Resp: 796784

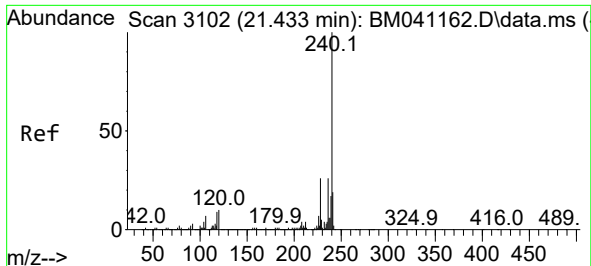
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.4 8.6 13.0

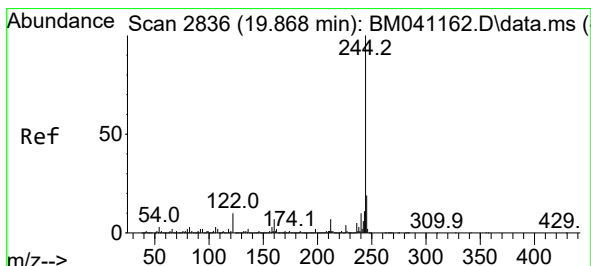
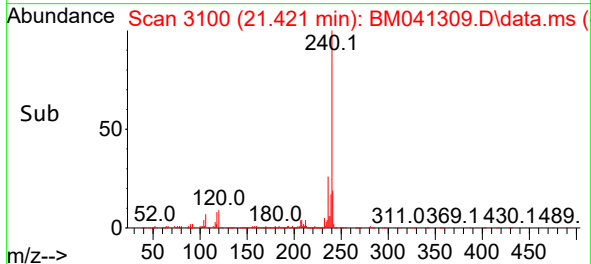
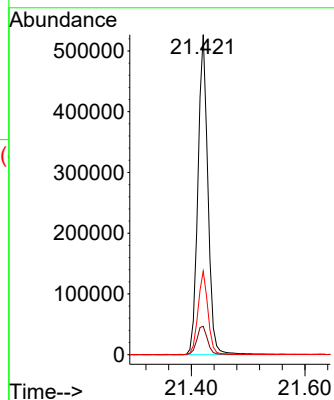
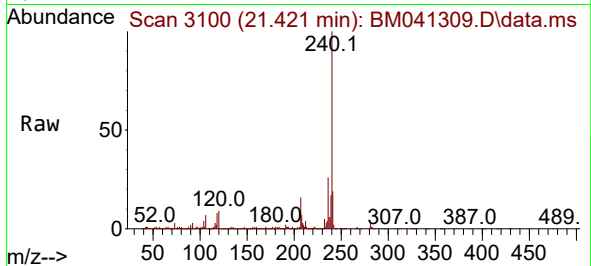




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

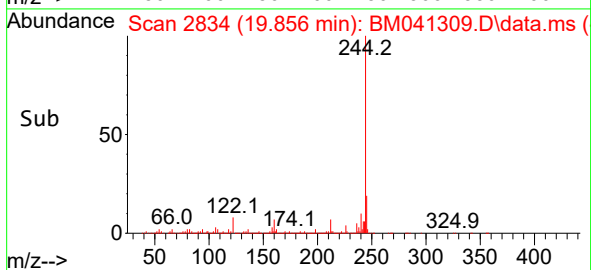
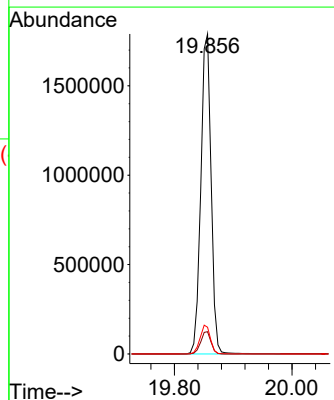
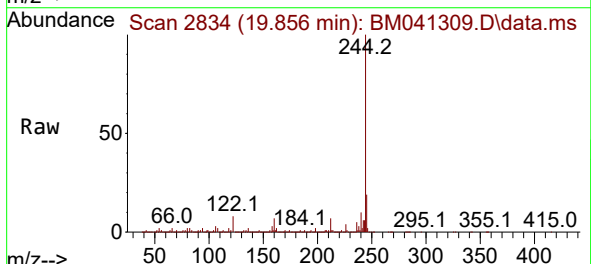
Instrument :
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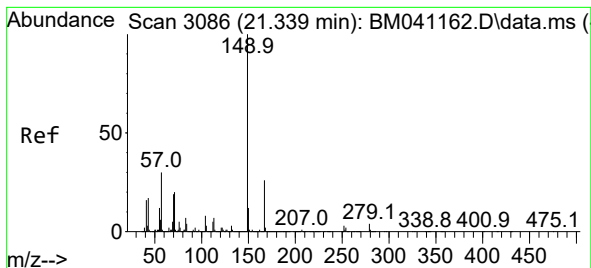
Tgt Ion:240 Resp: 646296
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 60.699 ng
RT: 19.856 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM041309.D
Acq: 07 Aug 2023 13:06

Tgt Ion:244 Resp: 2169703
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 8.4 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.016 ng

RT: 21.327 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM041309.D

Acq: 07 Aug 2023 13:06

Instrument :

BNA_M

ClientSampleId :

MW-02

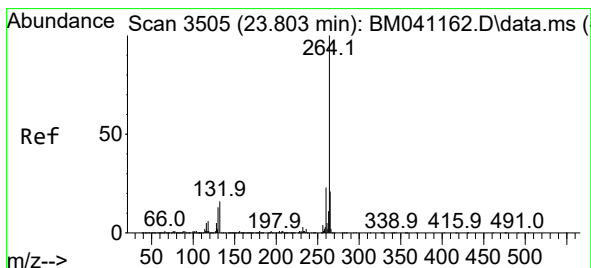
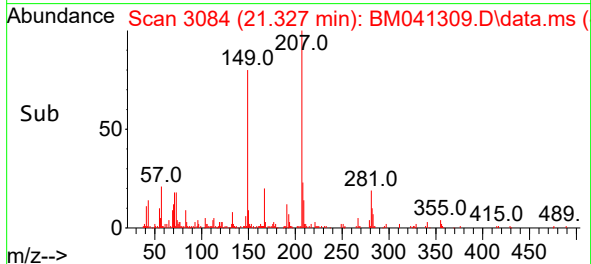
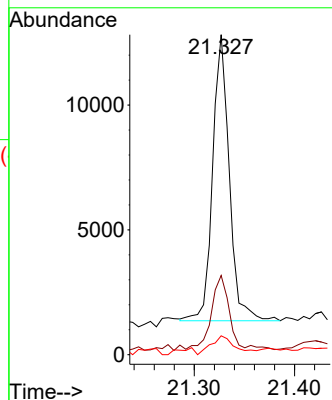
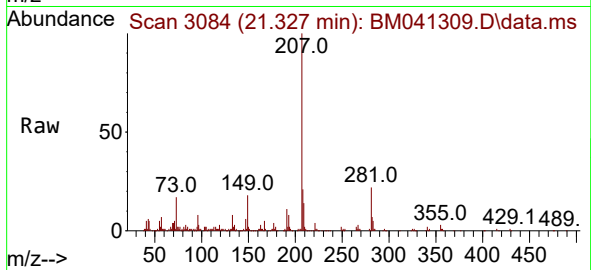
Tgt Ion:149 Resp: 13199

Ion Ratio Lower Upper

149 100

167 24.7 21.0 31.6

279 5.9 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041309.D

Acq: 07 Aug 2023 13:06

Tgt Ion:264 Resp: 624903

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.2 17.4 26.0

