

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041312.D
 Acq On : 07 Aug 2023 14:58
 Operator : MA/JU
 Sample : 03903-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-03W

Quant Time: Aug 07 17:30:40 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)

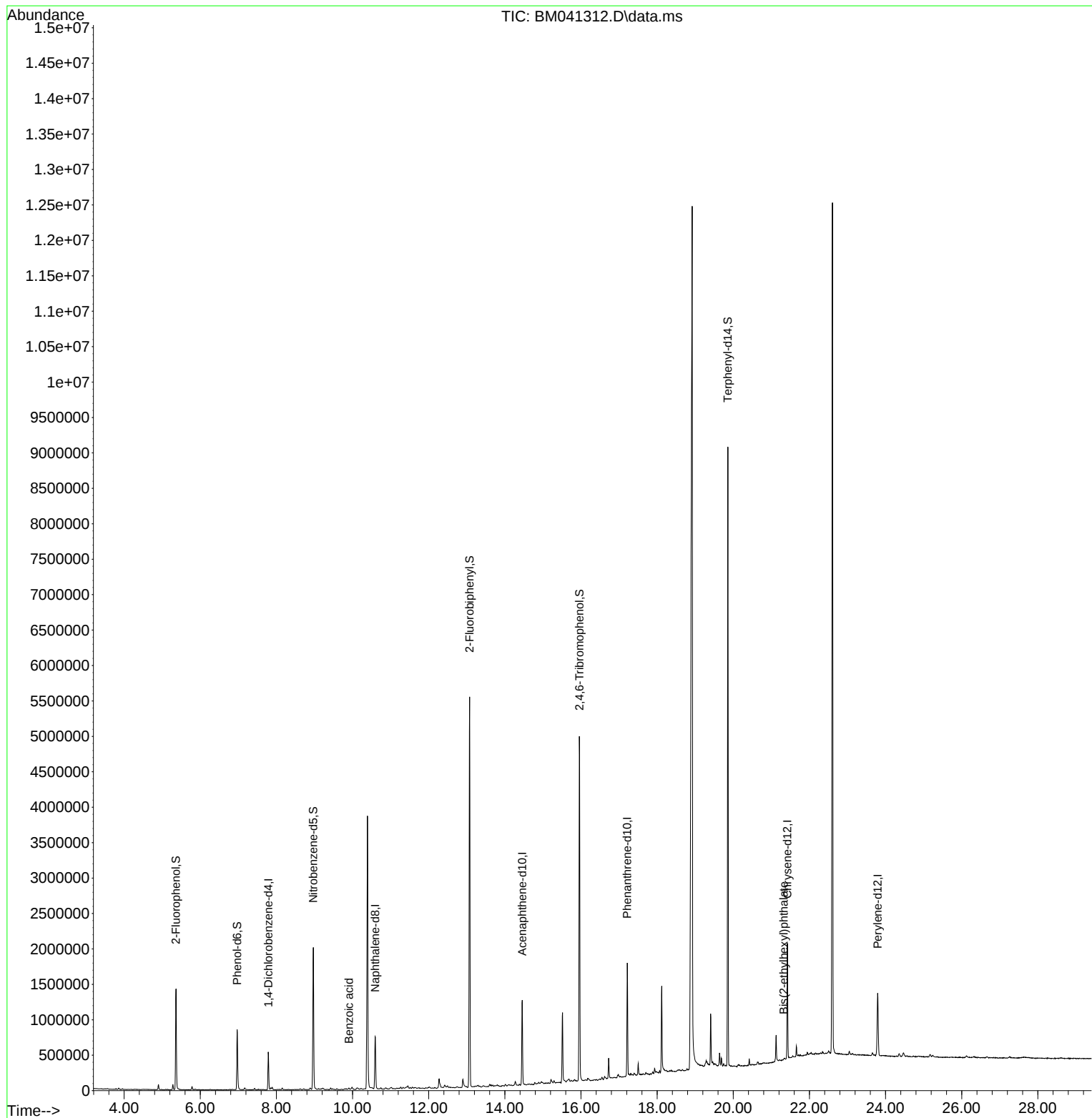
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	135599	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	591345	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	397939	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	885291	20.000	ng	0.00
76) Chrysene-d12	21.421	240	687879	20.000	ng	0.00
86) Perylene-d12	23.791	264	641898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	591382	65.183	ng	0.00
7) Phenol-d6	6.969	99	487937	41.490	ng	0.00
23) Nitrobenzene-d5	8.969	82	1113823	87.593	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	898375	159.608	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2681466	85.123	ng	0.00
79) Terphenyl-d14	19.856	244	4075400	107.120	ng	0.00
Target Compounds						
32) Benzoic acid	9.904	122	5188	7.820	ng	Qvalue 90
84) Bis(2-ethylhexyl)phtha...	21.327	149	4830	2.703	ng	# 85

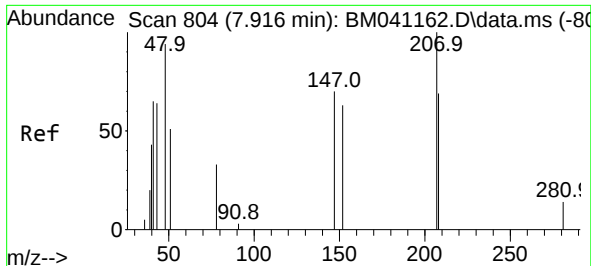
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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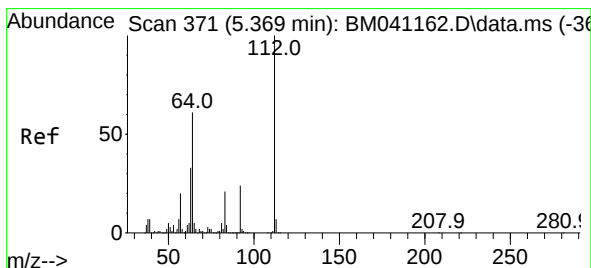
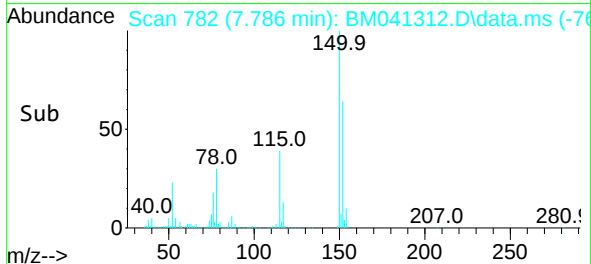
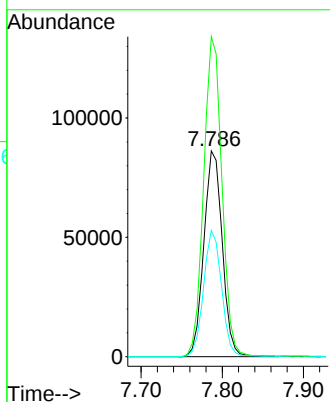
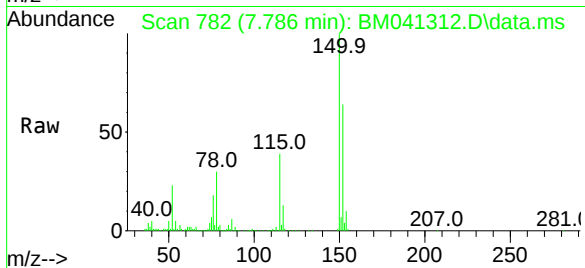




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

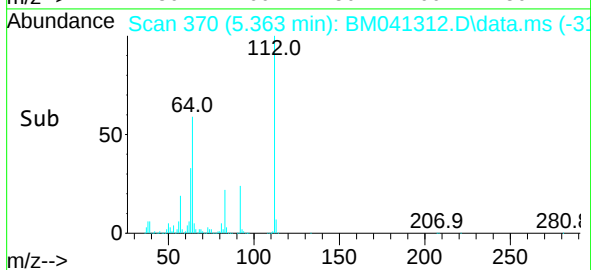
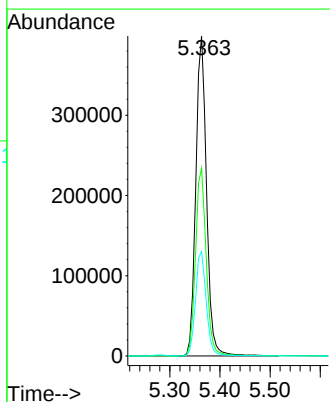
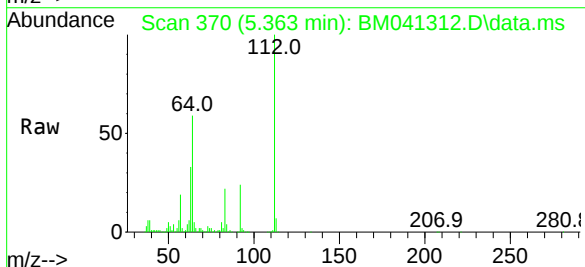
Instrument :
BNA_M
ClientSampleId :
MW-03W

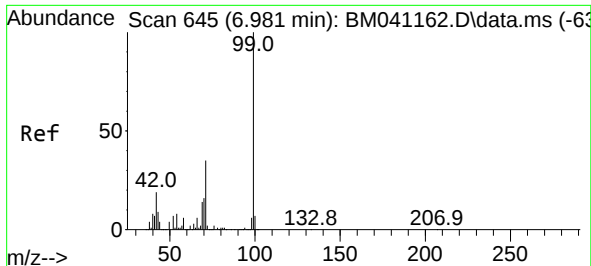
Tgt Ion:152 Resp: 135599
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 61.3 48.0 72.0



#5
2-Fluorophenol
Concen: 65.183 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:112 Resp: 591382
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 32.6 26.5 39.7

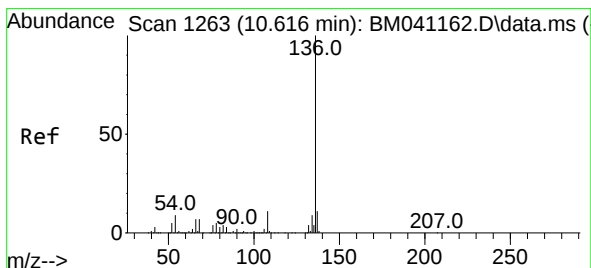
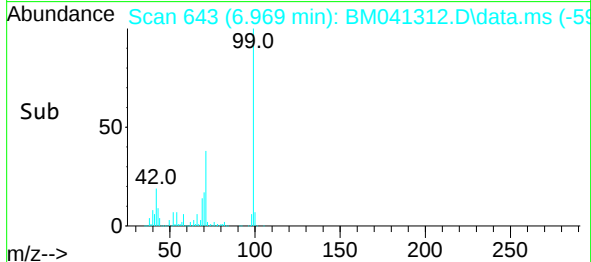
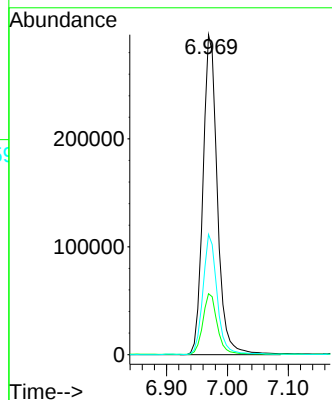
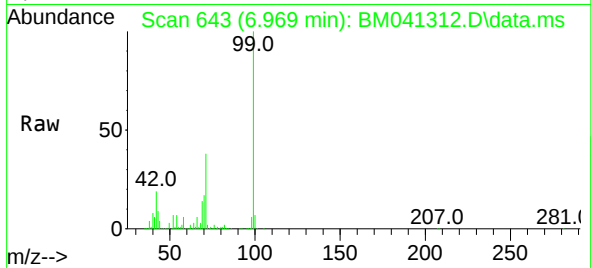




#7
Phenol-d6
Concen: 41.490 ng
RT: 6.969 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

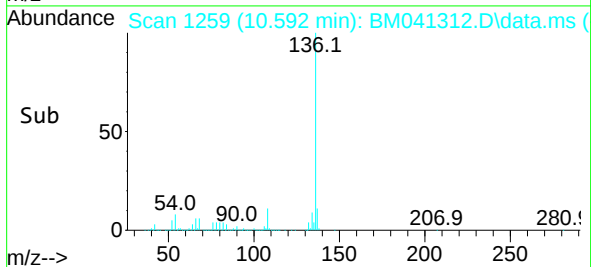
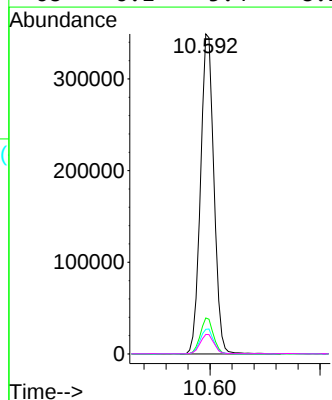
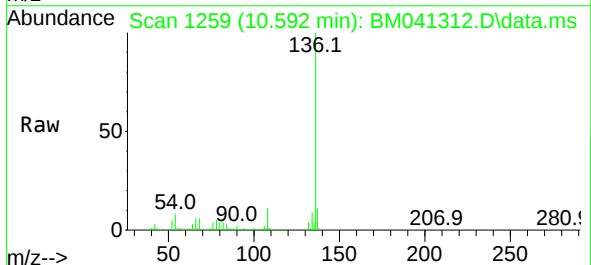
Instrument :
BNA_M
ClientSampleId :
MW-03W

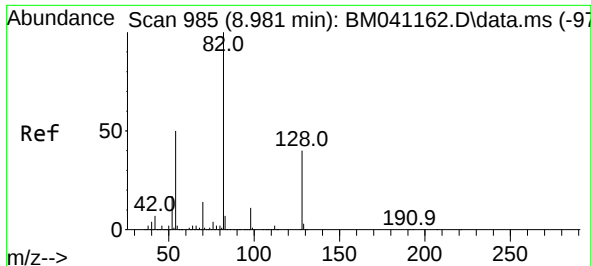
Tgt Ion: 99 Resp: 487937
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion: 136 Resp: 591345
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.9 10.3
68 6.1 5.4 8.2

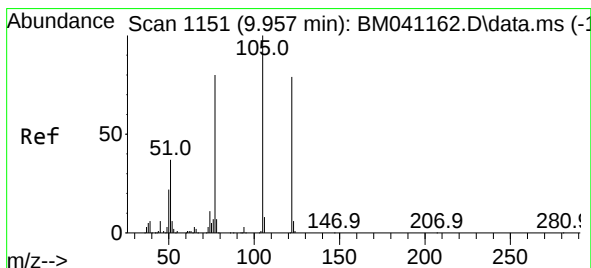
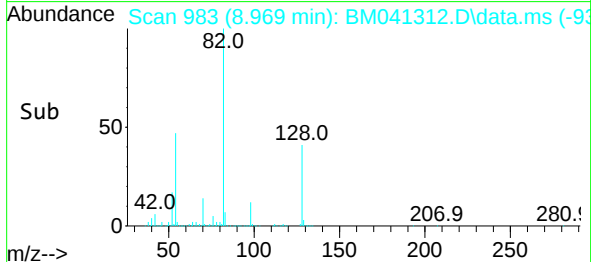
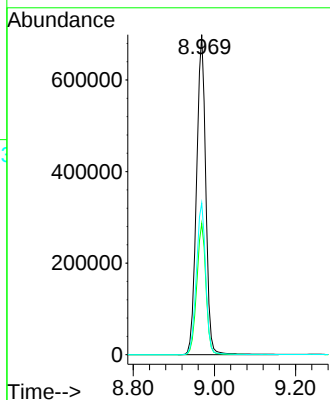
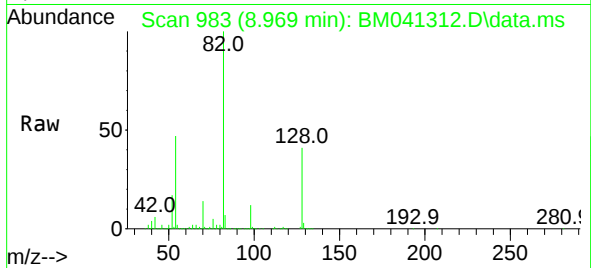




#23
Nitrobenzene-d5
Concen: 87.593 ng
RT: 8.969 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

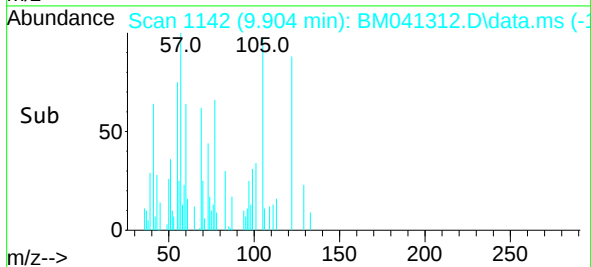
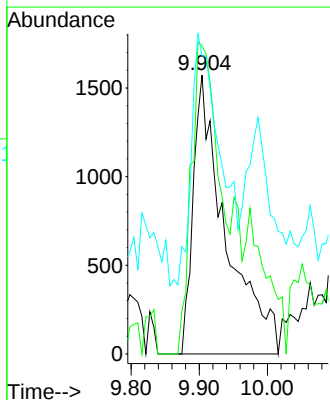
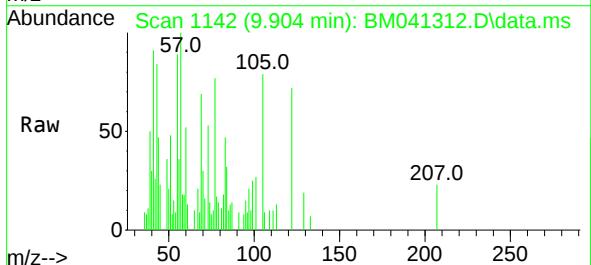
Instrument :
BNA_M
ClientSampleId :
MW-03W

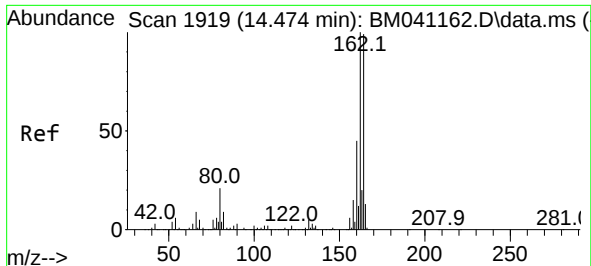
Tgt Ion: 82 Resp: 1113823
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 47.4 40.1 60.1



#32
Benzoic acid
Concen: 7.820 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion: 122 Resp: 5188
Ion Ratio Lower Upper
122 100
105 110.4 104.0 144.0
77 106.9 79.9 119.9

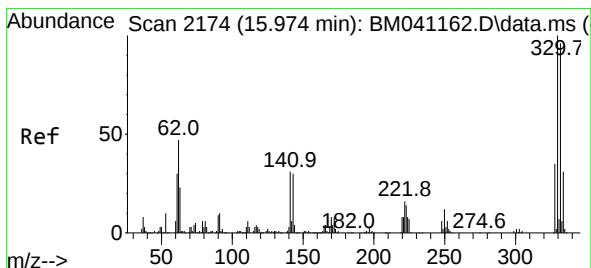
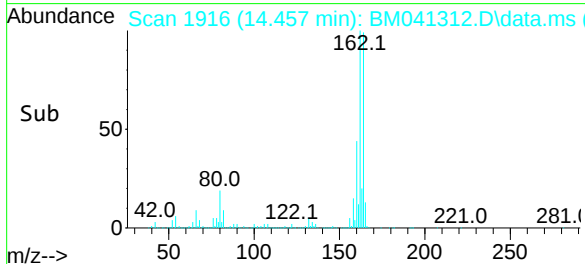
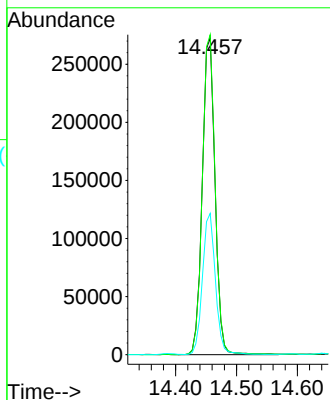
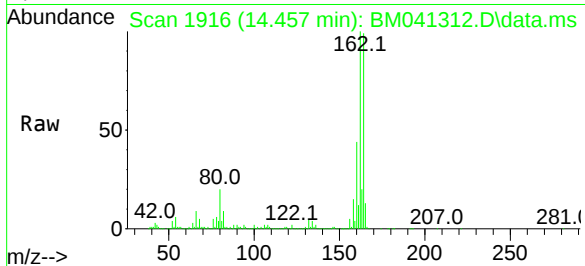




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

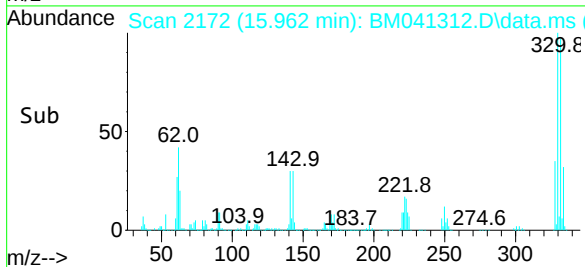
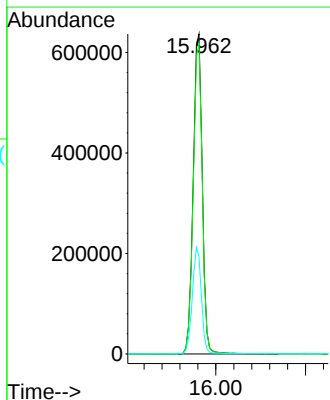
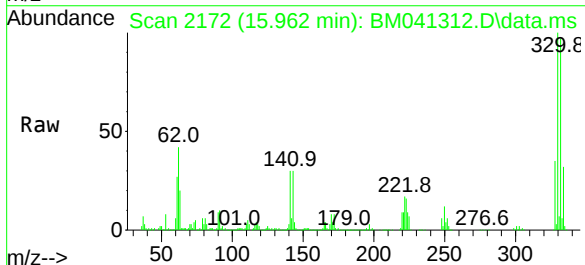
Instrument :
BNA_M
ClientSampleId :
MW-03W

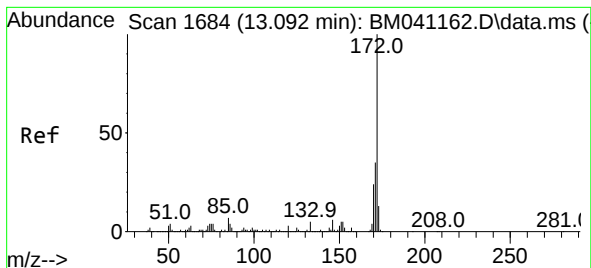
Tgt Ion:164 Resp: 397939
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 159.608 ng
RT: 15.962 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:330 Resp: 898375
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.1 28.3 42.5

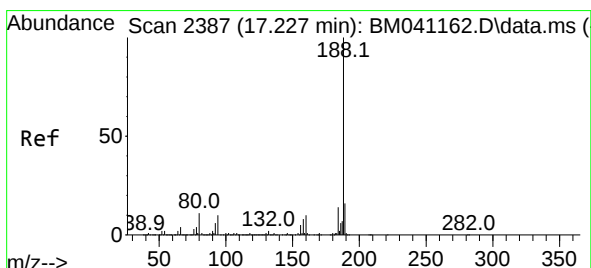
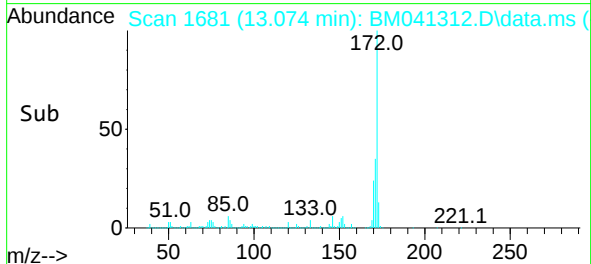
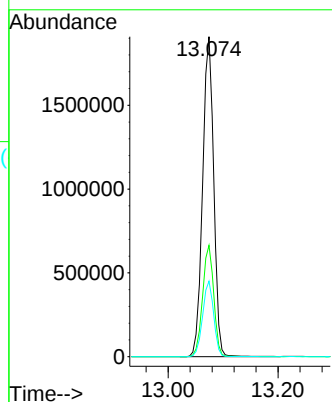
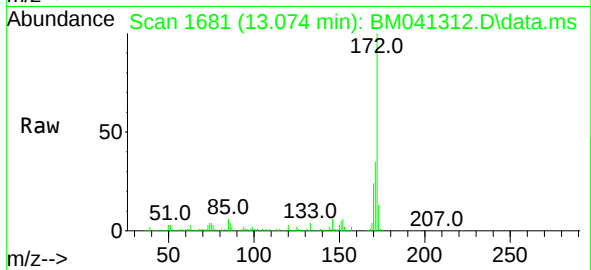




#45
2-Fluorobiphenyl
Concen: 85.123 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

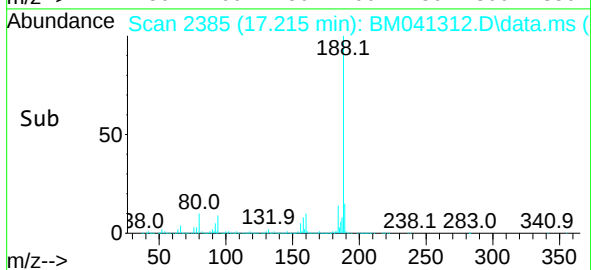
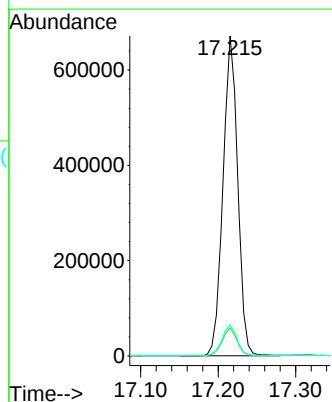
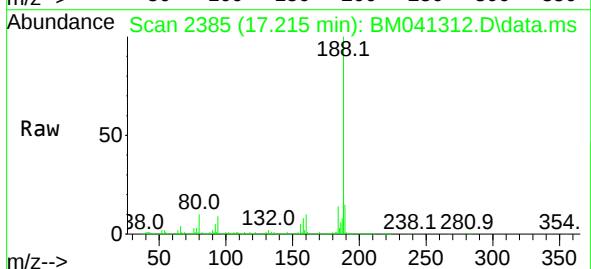
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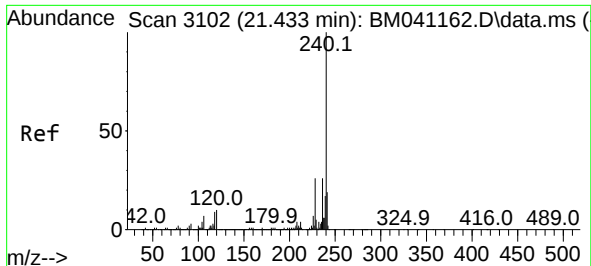
Tgt Ion:172 Resp: 2681466
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:188 Resp: 885291
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.7 8.6 13.0

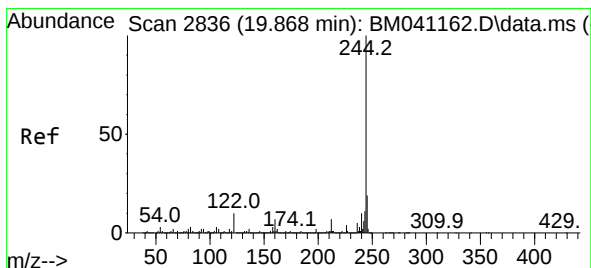
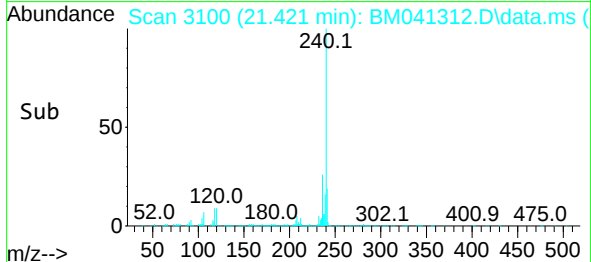
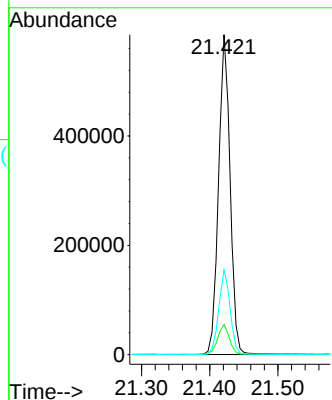
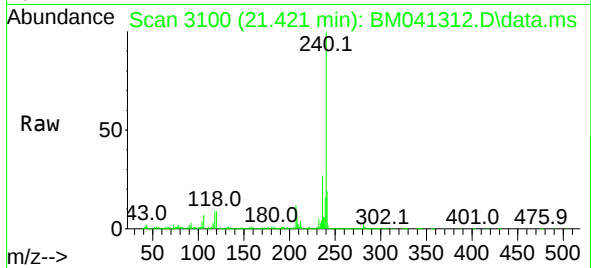




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

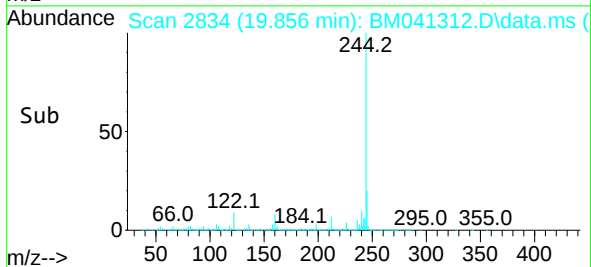
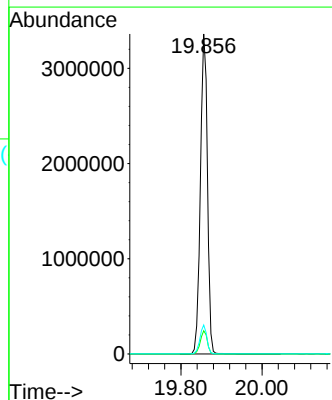
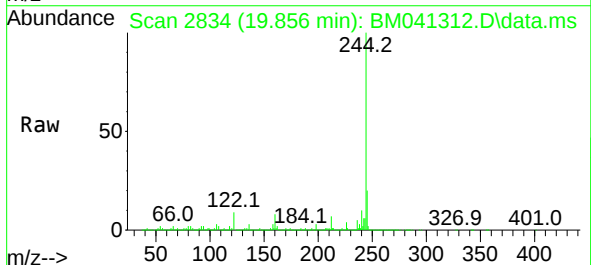
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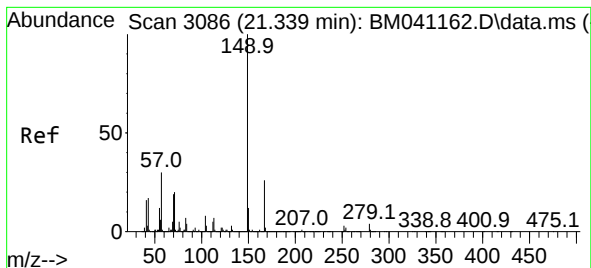
Tgt Ion:240 Resp: 687879
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.5 20.6 30.8



#79
Terphenyl-d14
Concen: 107.120 ng
RT: 19.856 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:244 Resp: 4075400
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.0 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.703 ng

RT: 21.327 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

Instrument :

BNA_M

ClientSampleId :

MW-03W

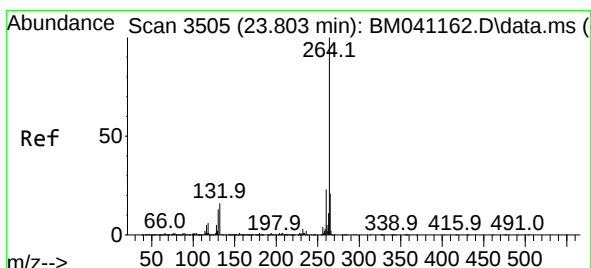
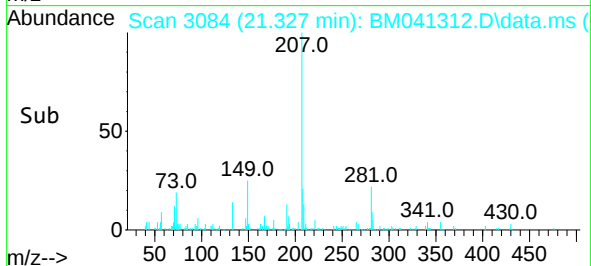
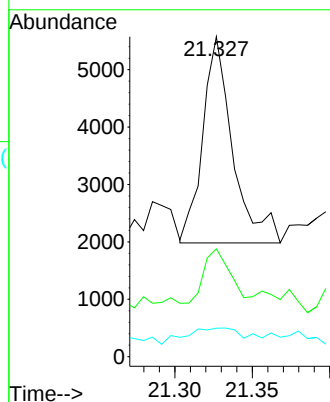
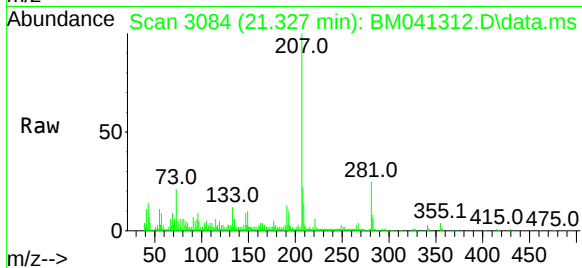
Tgt Ion:149 Resp: 4830

Ion Ratio Lower Upper

149 100

167 33.7 21.0 31.6#

279 8.9 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: BM041312.D

Acq: 07 Aug 2023 14:58

Tgt Ion:264 Resp: 641898

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.5 17.4 26.0

