

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041314.D
 Acq On : 07 Aug 2023 16:12
 Operator : MA/JU
 Sample : 03903-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-06W

Quant Time: Aug 07 17:31:13 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

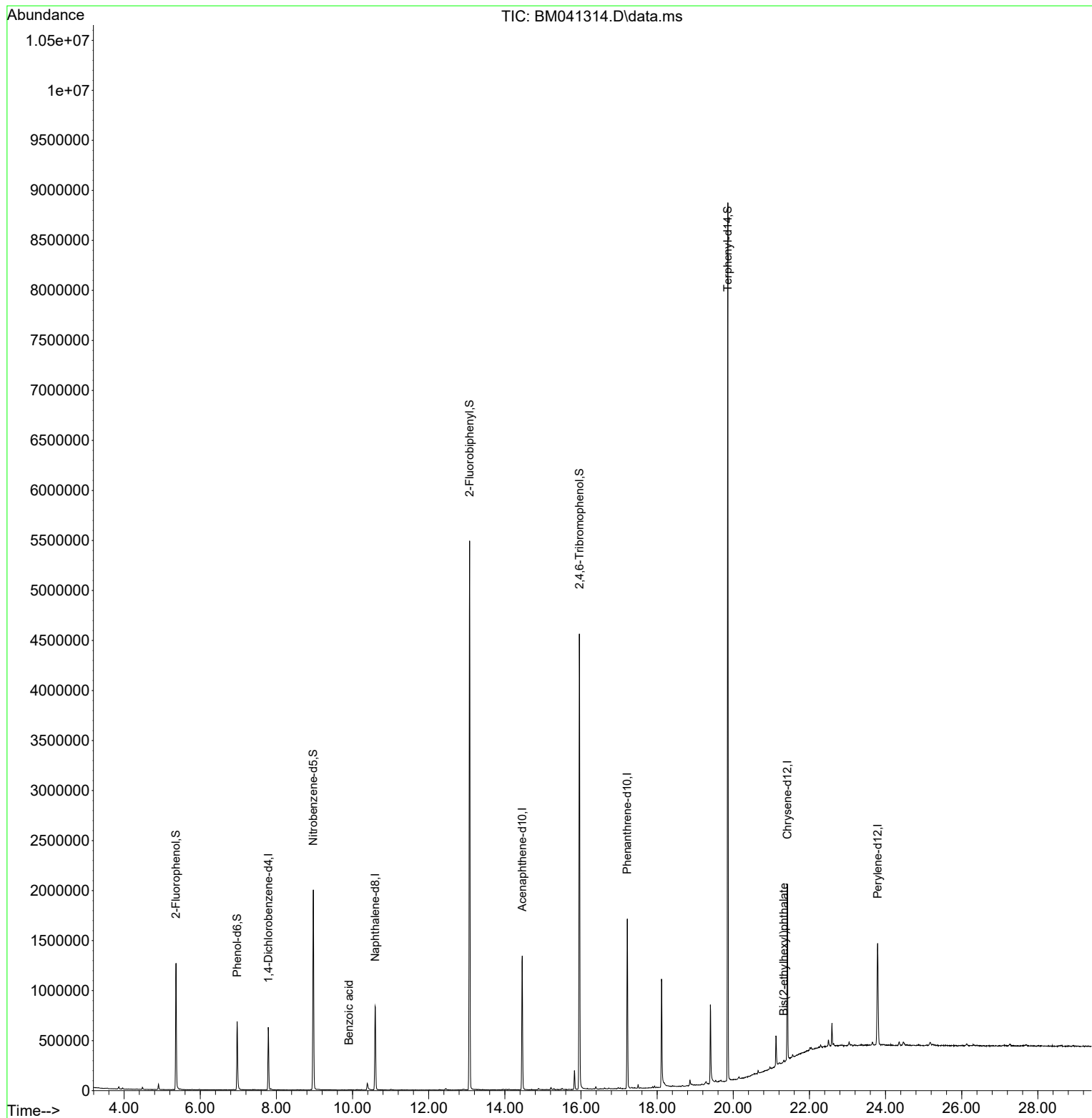
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	162037	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	675888	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	446063	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	979460	20.000	ng	0.00
76) Chrysene-d12	21.421	240	785039	20.000	ng	0.00
86) Perylene-d12	23.791	264	772181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	513001	47.318	ng	0.00
7) Phenol-d6	6.969	99	391294	27.844	ng	0.00
23) Nitrobenzene-d5	8.969	82	1131699	77.867	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	837059	132.670	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2658118	75.278	ng	0.00
79) Terphenyl-d14	19.856	244	4051069	93.302	ng	0.00
Target Compounds						
32) Benzoic acid	9.904	122	879	7.254	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.327	149	6103	2.721	ng	# 97

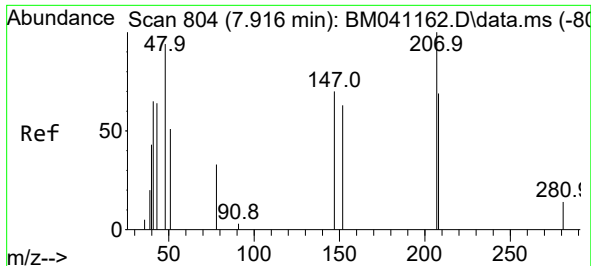
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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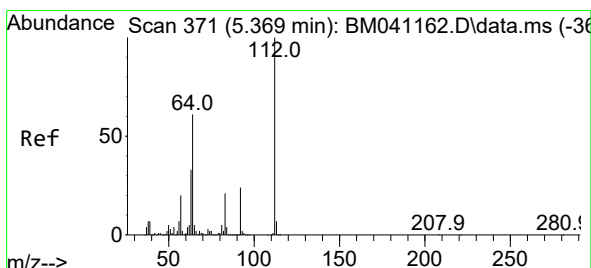
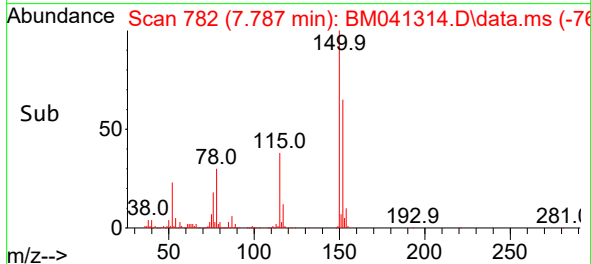
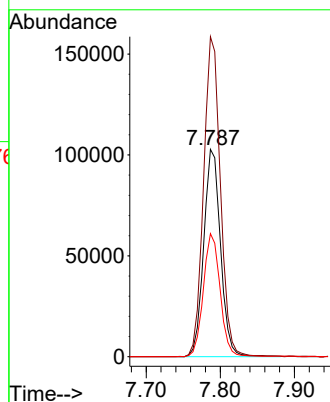
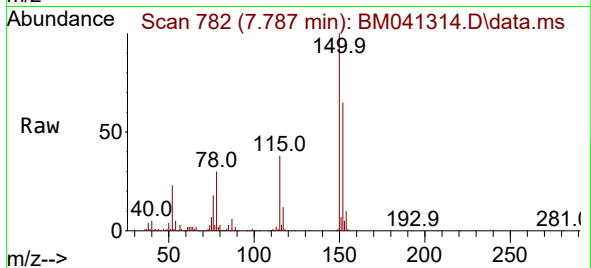




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

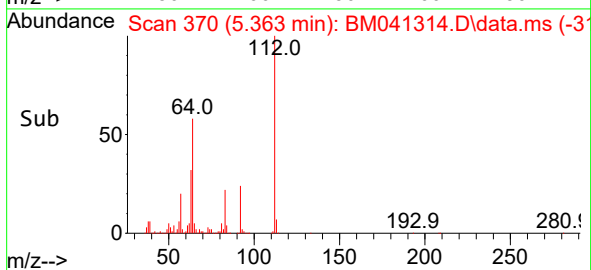
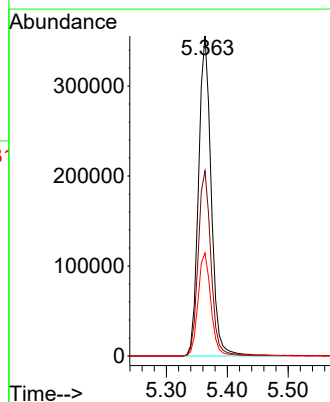
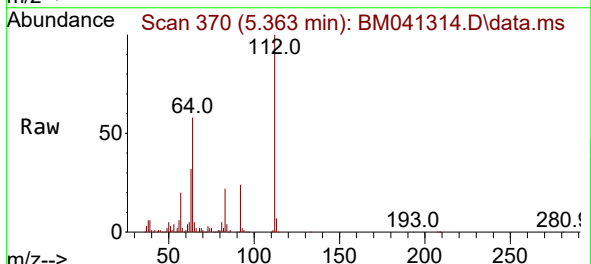
Instrument :
BNA_M
ClientSampleId :
MW-06W

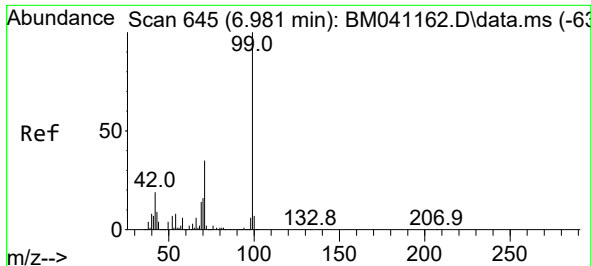
Tgt Ion:152 Resp: 162037
Ion Ratio Lower Upper
152 100
150 154.3 125.5 188.3
115 59.4 48.0 72.0



#5
2-Fluorophenol
Concen: 47.318 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

Tgt Ion:112 Resp: 513001
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 32.2 26.5 39.7

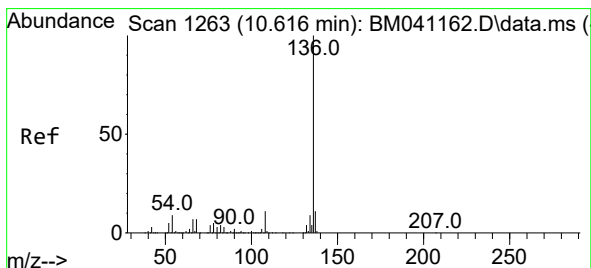
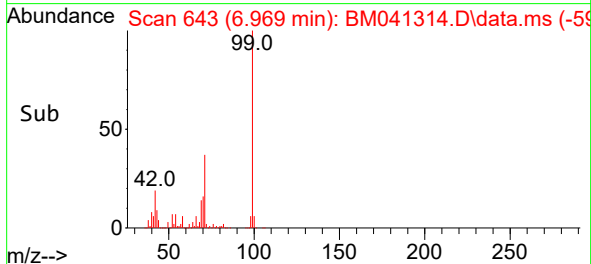
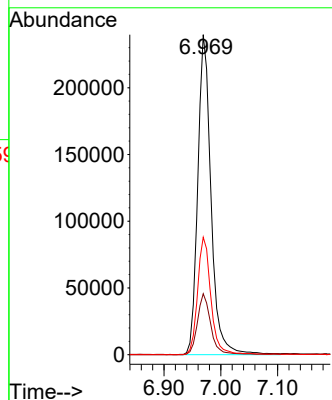
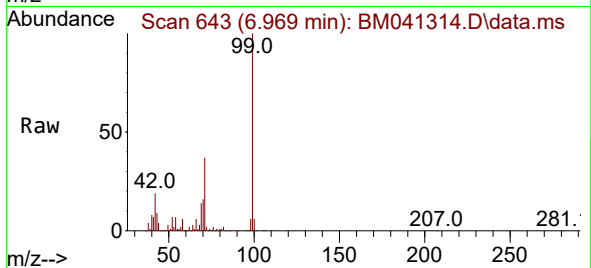




#7
Phenol-d6
Concen: 27.844 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

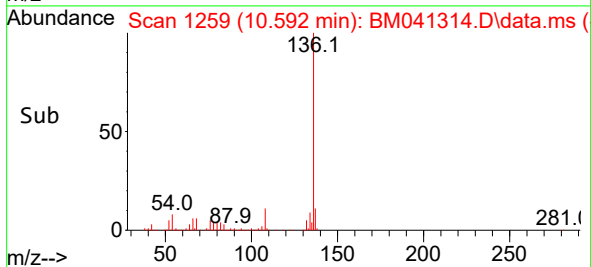
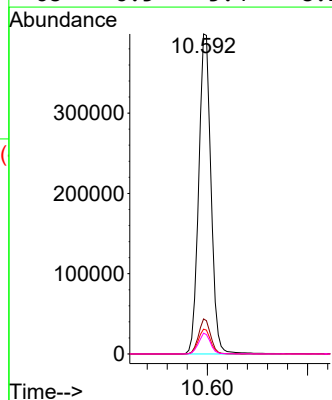
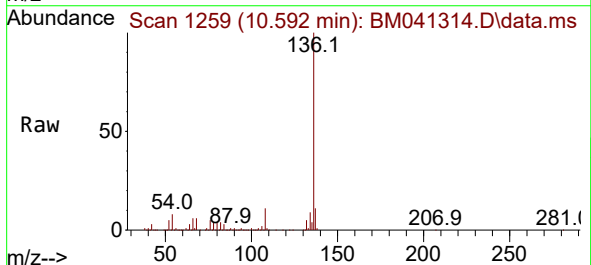
Instrument :
BNA_M
ClientSampleId :
MW-06W

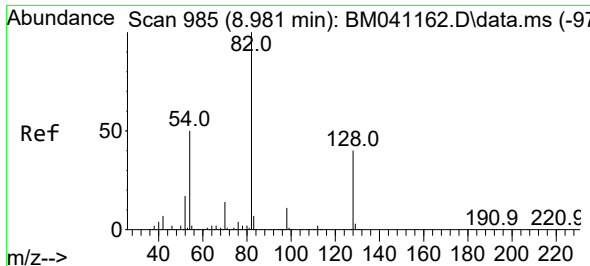
Tgt Ion: 99 Resp: 391294
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 36.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

Tgt Ion:136 Resp: 675888
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.9 10.3
68 6.5 5.4 8.2

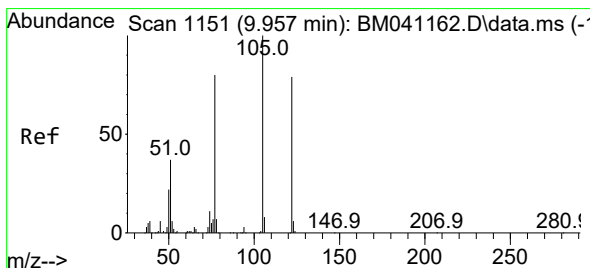
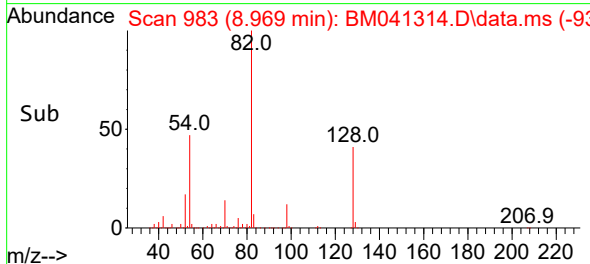
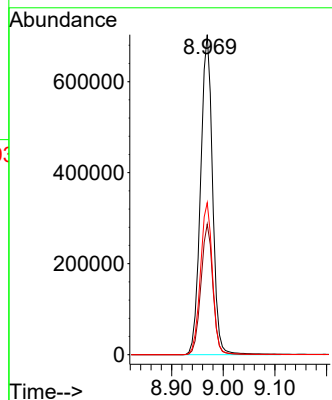
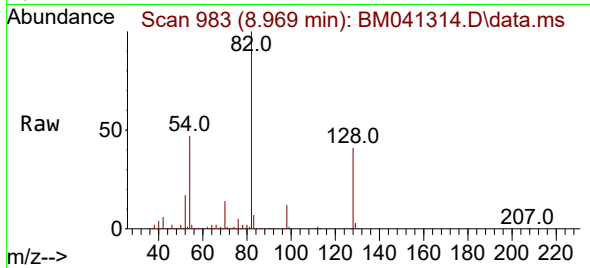




#23
Nitrobenzene-d5
Concen: 77.867 ng
RT: 8.969 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

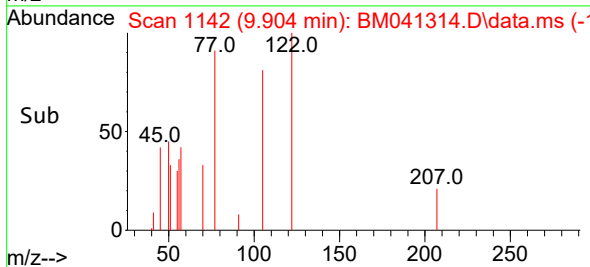
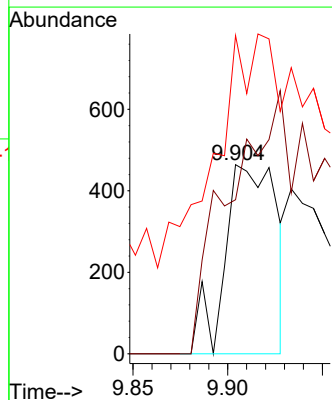
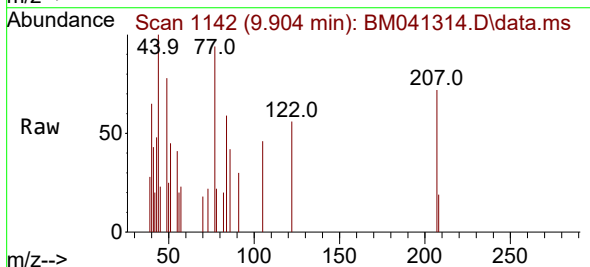
Instrument :
BNA_M
ClientSampleId :
MW-06W

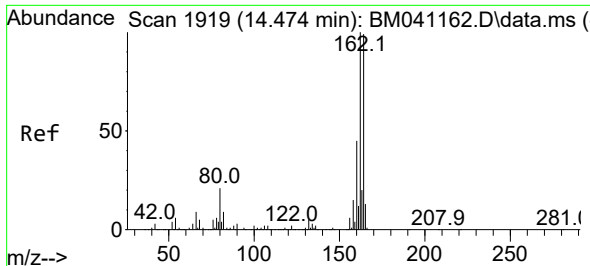
Tgt Ion: 82 Resp: 1131699
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 47.5 40.1 60.1



#32
Benzoic acid
Concen: 7.254 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

Tgt Ion: 122 Resp: 879
Ion Ratio Lower Upper
122 100
105 81.5 104.0 144.0#
77 168.3 79.9 119.9#

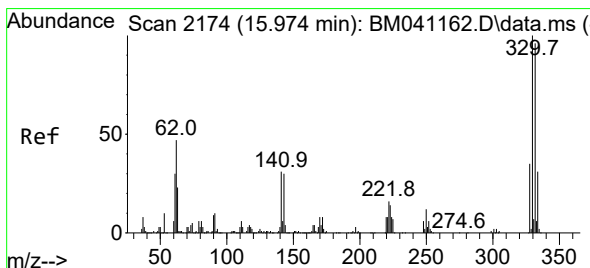
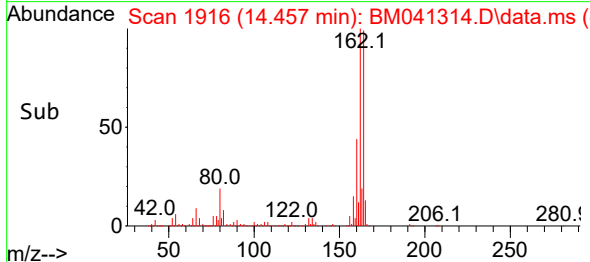
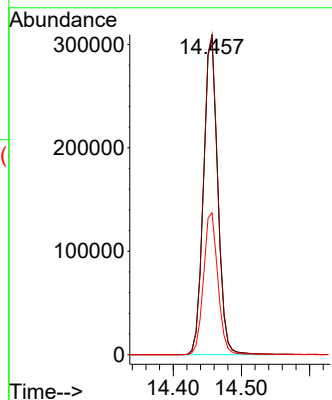
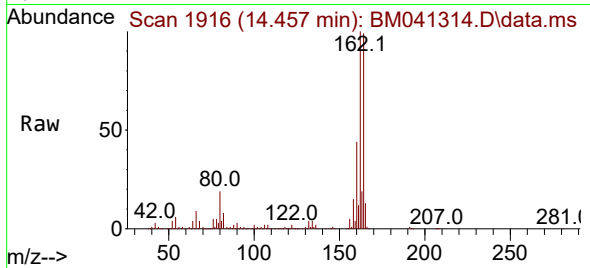




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

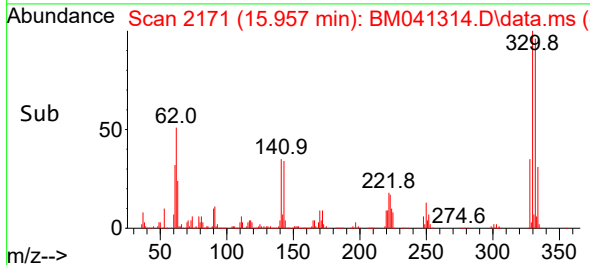
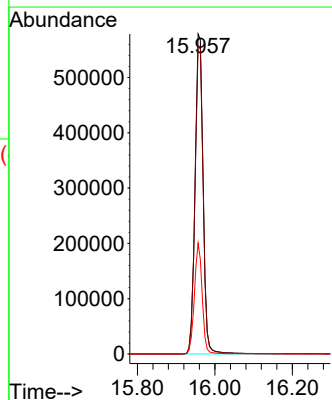
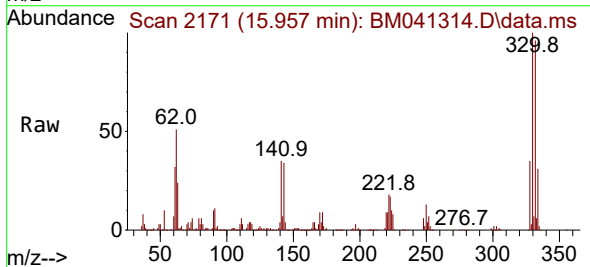
Instrument :
BNA_M
ClientSampleId :
MW-06W

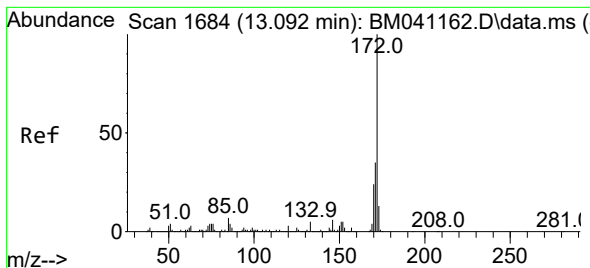
Tgt Ion:164 Resp: 446063
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 132.670 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

Tgt Ion:330 Resp: 837059
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 33.5 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 75.278 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041314.D

Acq: 07 Aug 2023 16:12

Instrument :

BNA_M

ClientSampleId :

MW-06W

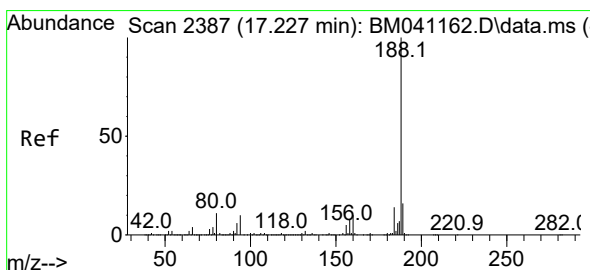
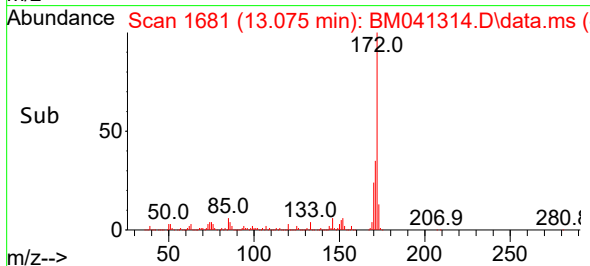
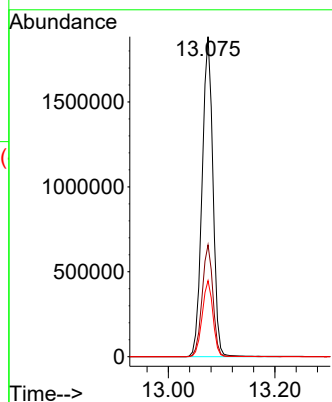
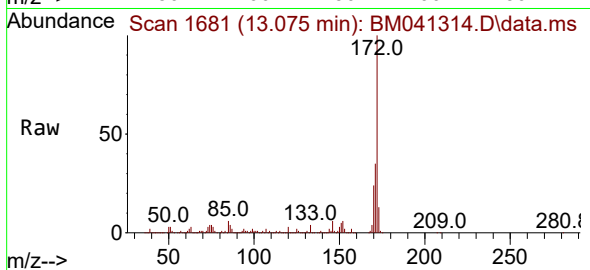
Tgt Ion:172 Resp: 2658118

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 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: BM041314.D

Acq: 07 Aug 2023 16:12

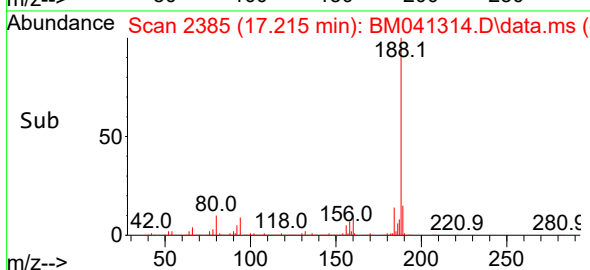
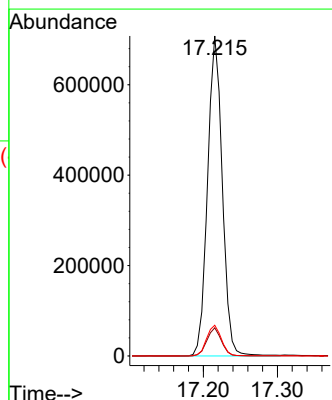
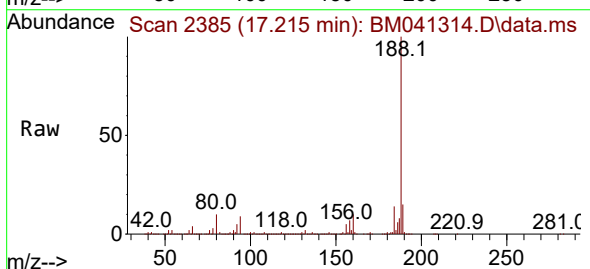
Tgt Ion:188 Resp: 979460

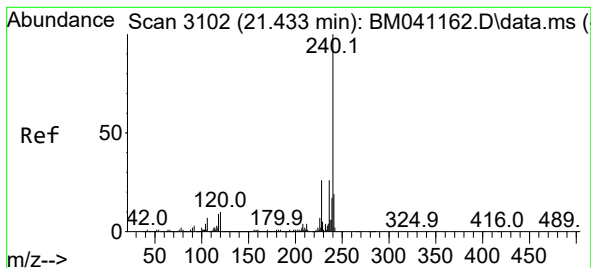
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.6 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: BM041314.D

Acq: 07 Aug 2023 16:12

Instrument :

BNA_M

ClientSampleId :

MW-06W

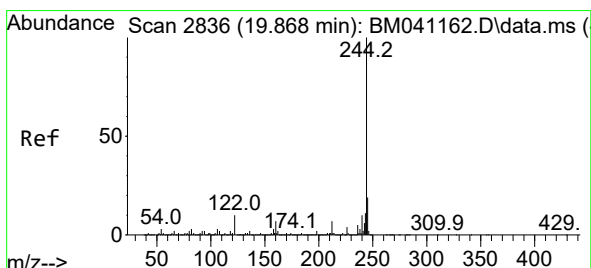
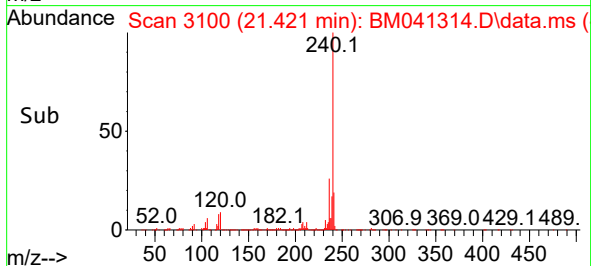
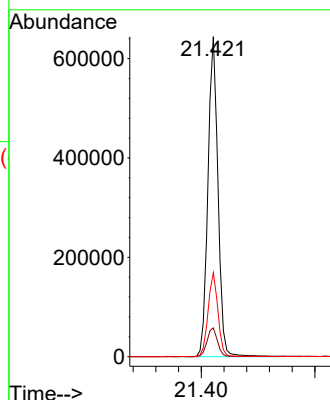
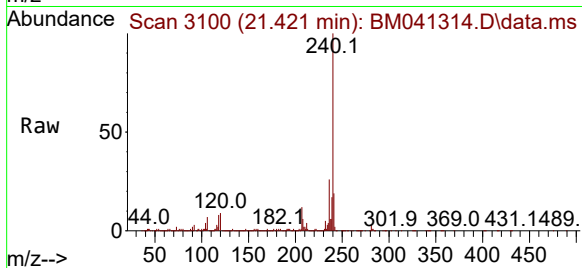
Tgt Ion:240 Resp: 785039

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 93.302 ng

RT: 19.856 min Scan# 2834

Delta R.T. 0.006 min

Lab File: BM041314.D

Acq: 07 Aug 2023 16:12

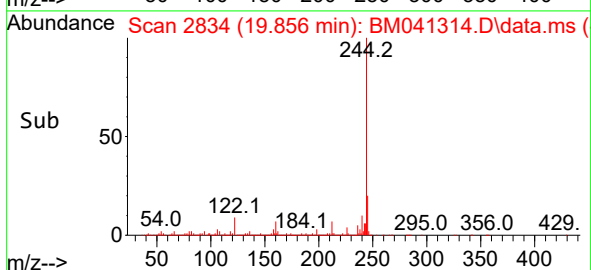
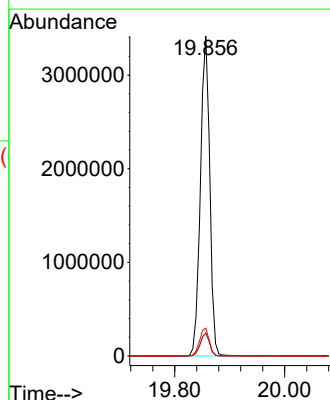
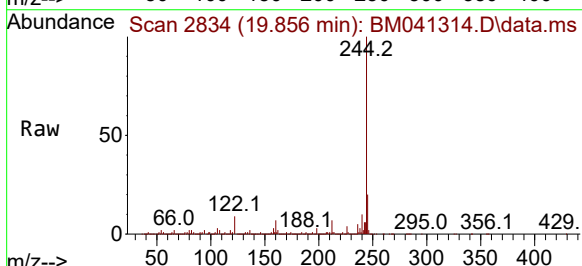
Tgt Ion:244 Resp: 4051069

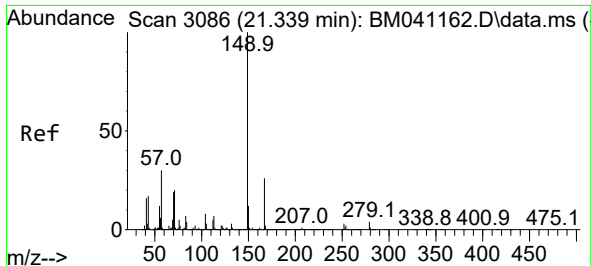
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 8.7 7.8 11.6

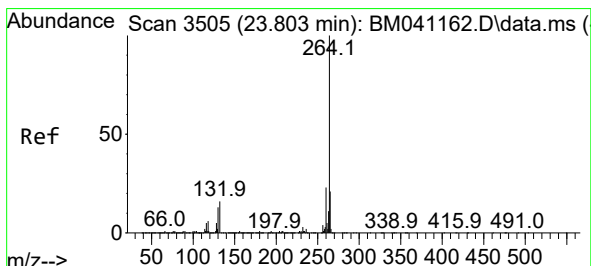
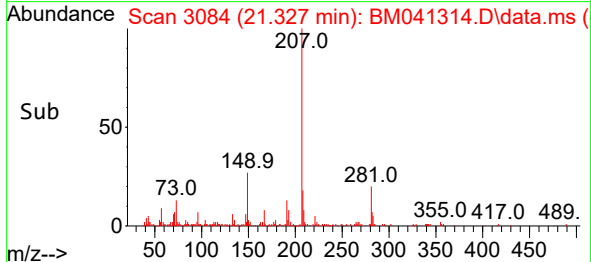
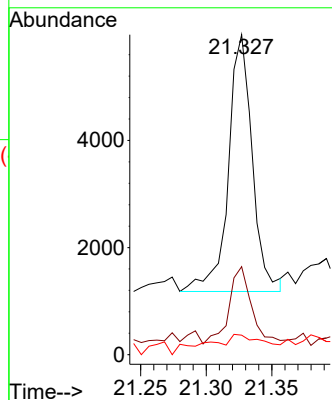
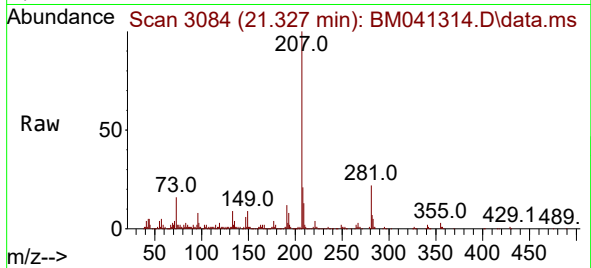




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.721 ng
RT: 21.327 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM041314.D
Acq: 07 Aug 2023 16:12

Instrument :
BNA_M
ClientSampleId :
MW-06W

Tgt Ion:149 Resp: 6103
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.6
279 6.1 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: BM041314.D
Acq: 07 Aug 2023 16:12

Tgt Ion:264 Resp: 772181
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.1 17.4 26.0

