

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041316.D
 Acq On : 07 Aug 2023 17:28
 Operator : MA/JU
 Sample : 03903-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-10

Quant Time: Aug 07 18:20:46 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)

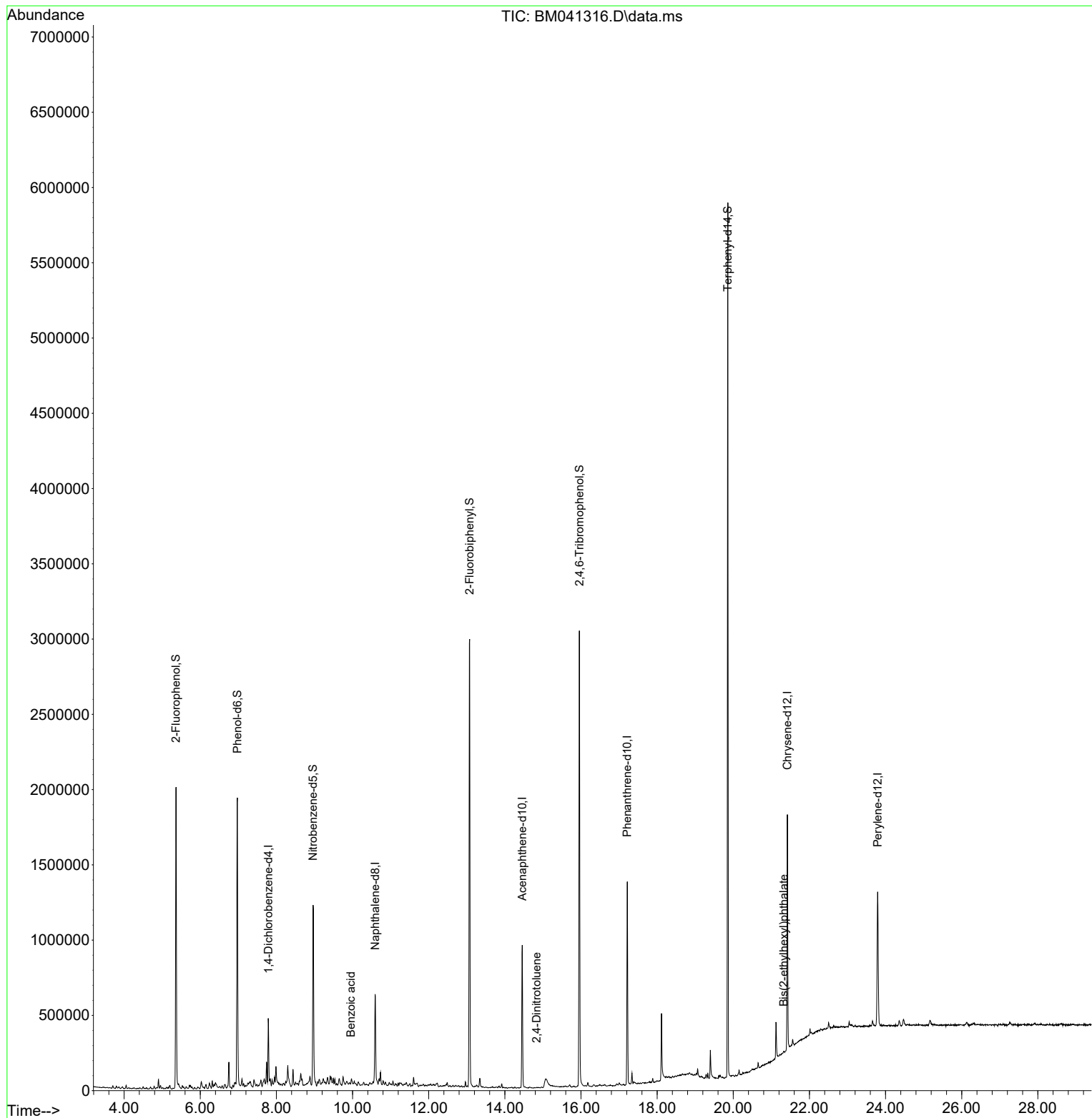
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	113680	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	473235	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	322472	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	765189	20.000	ng	0.00
76) Chrysene-d12	21.421	240	696815	20.000	ng	0.00
86) Perylene-d12	23.791	264	675163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	810127	106.510	ng	0.00
7) Phenol-d6	6.975	99	1058036	107.313	ng	0.00
23) Nitrobenzene-d5	8.963	82	671897	66.027	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	552788	121.194	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1509978	59.152	ng	0.00
79) Terphenyl-d14	19.856	244	2699585	70.047	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	57	7.164	ng	# 1
57) 2,4-Dinitrotoluene	14.833	165	64	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	3923	2.671	ng	# 94

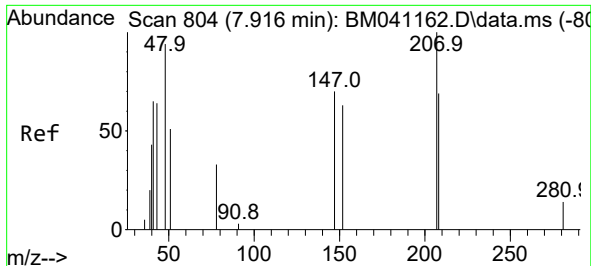
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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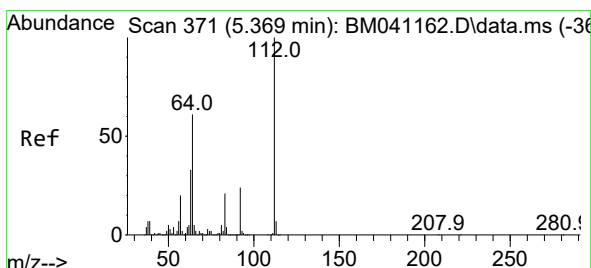
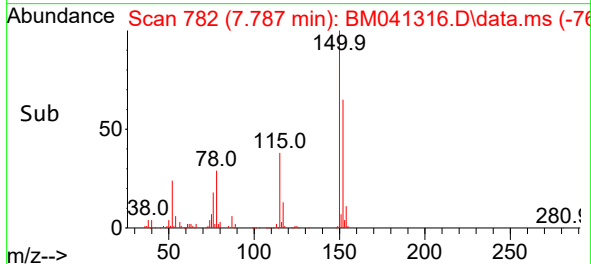
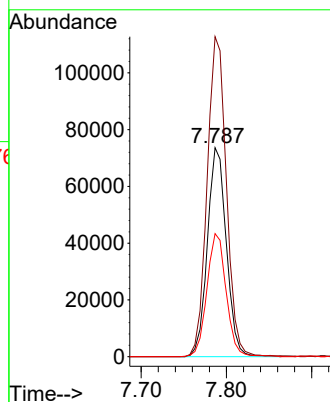
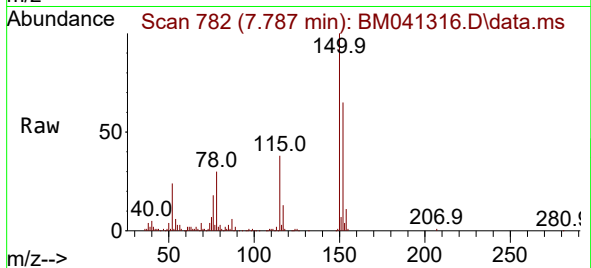




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

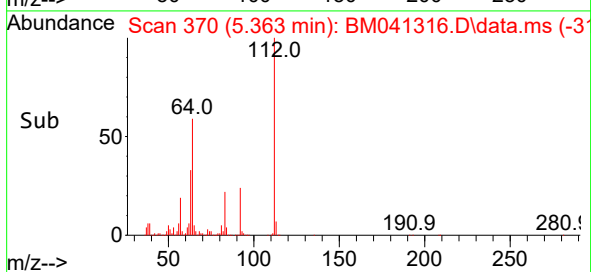
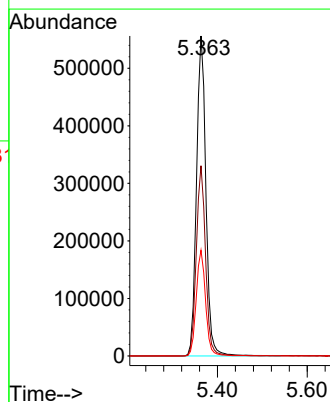
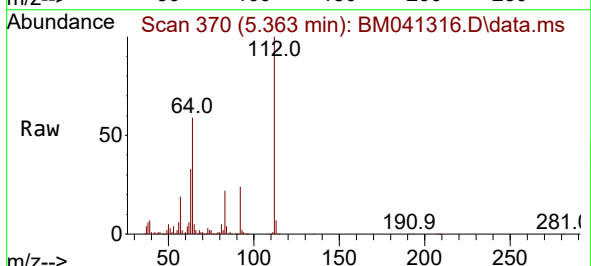
Instrument :
BNA_M
ClientSampleId :
MW-10

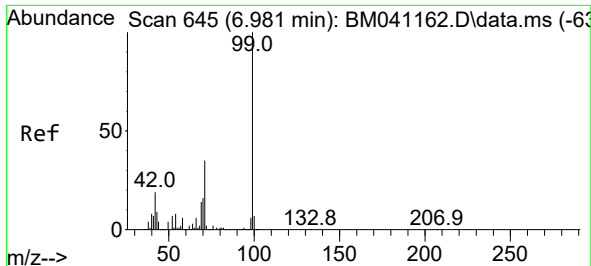
Tgt Ion:152 Resp: 113680
Ion Ratio Lower Upper
152 100
150 153.2 125.5 188.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 106.510 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

Tgt Ion:112 Resp: 810127
Ion Ratio Lower Upper
112 100
64 59.5 48.5 72.7
63 33.0 26.5 39.7

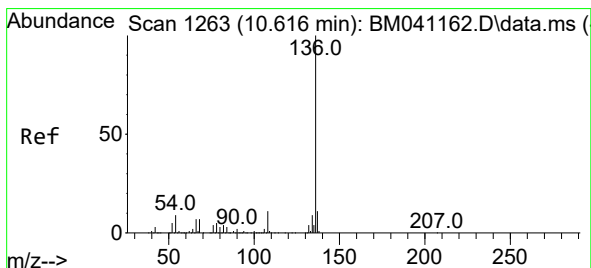
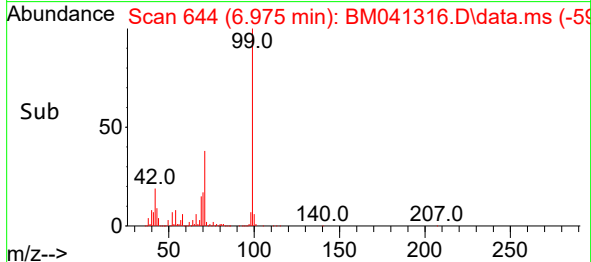
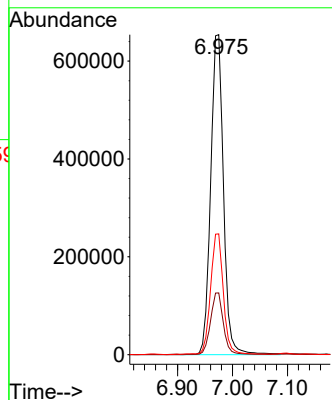
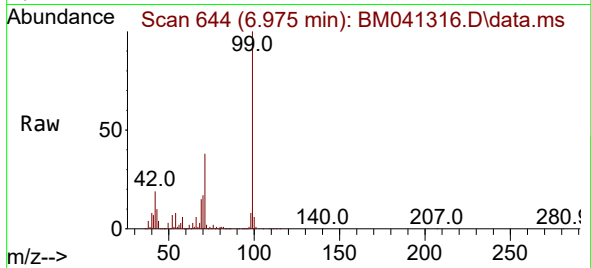




#7
Phenol-d6
Concen: 107.313 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

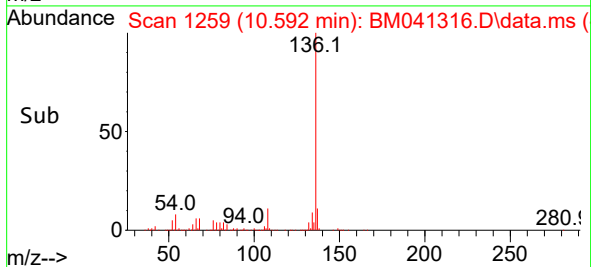
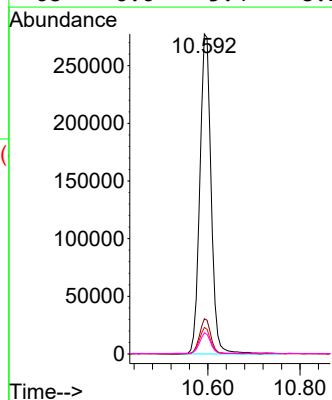
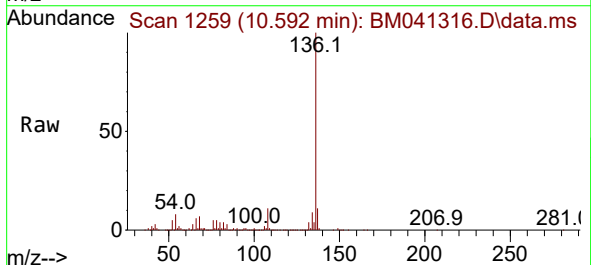
Instrument :
BNA_M
ClientSampleId :
MW-10

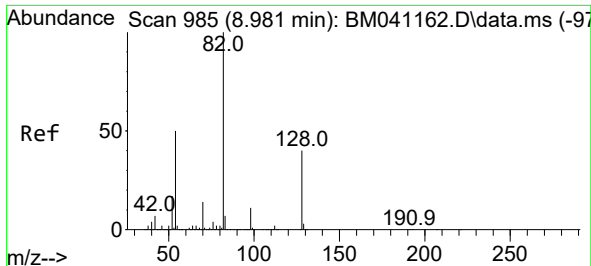
Tgt Ion: 99 Resp: 1058036
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 37.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

Tgt Ion: 136 Resp: 473235
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 6.9 10.3
68 6.6 5.4 8.2

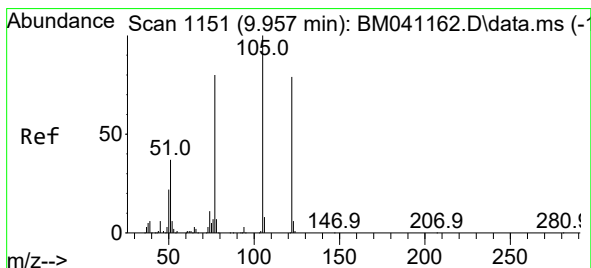
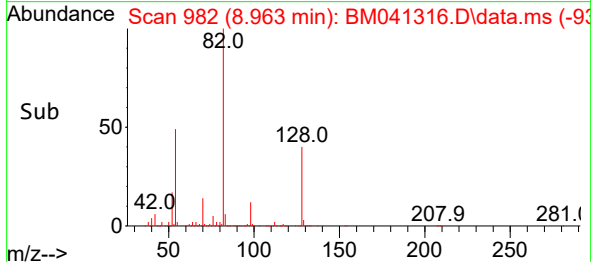
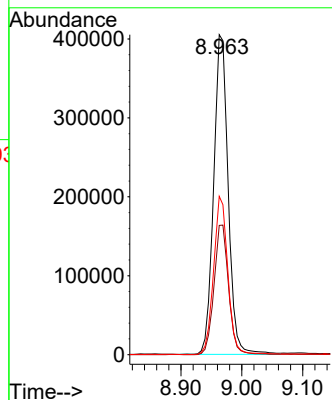
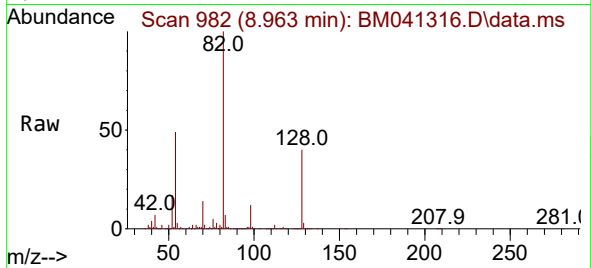




#23
Nitrobenzene-d5
Concen: 66.027 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

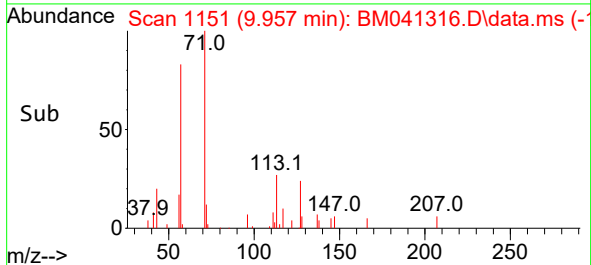
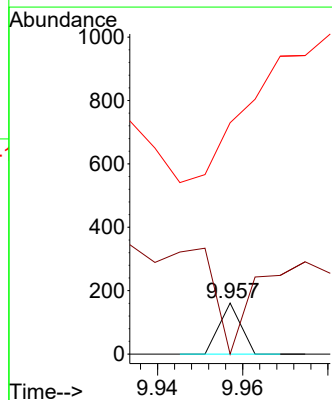
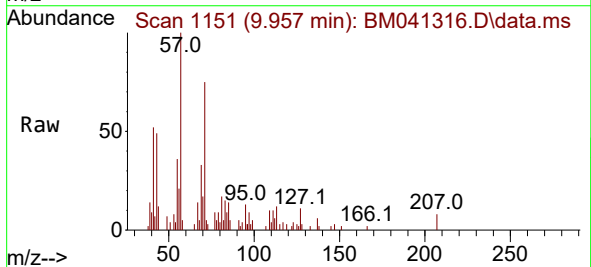
Instrument :
BNA_M
ClientSampleId :
MW-10

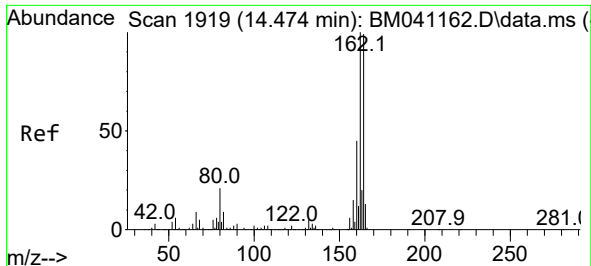
Tgt Ion: 82 Resp: 671897
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 49.5 40.1 60.1



#32
Benzoic acid
Concen: 7.164 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 104.0 144.0#
77 453.4 79.9 119.9#

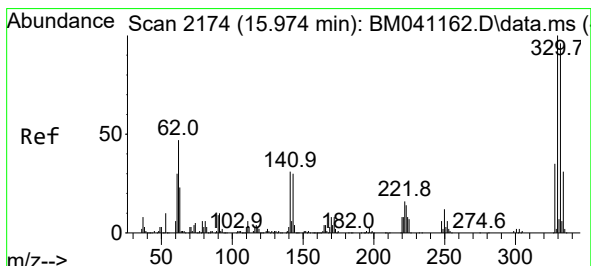
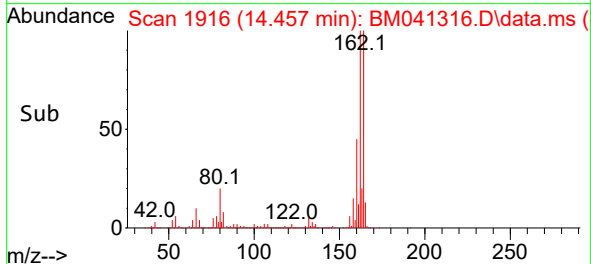
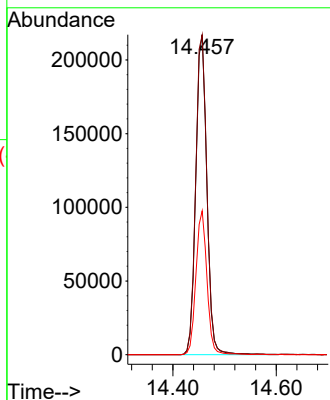
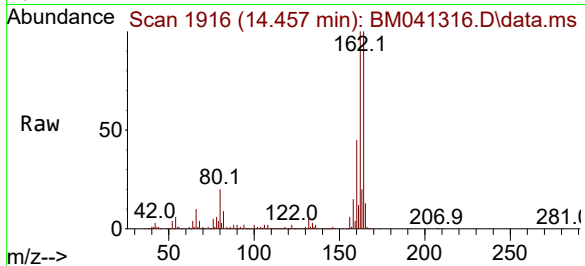




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

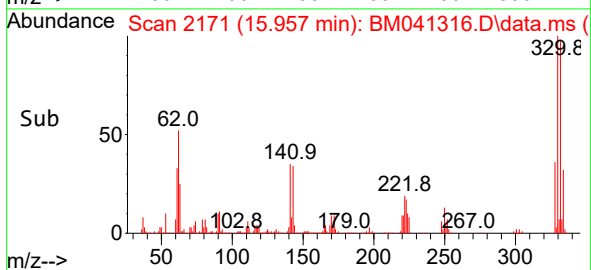
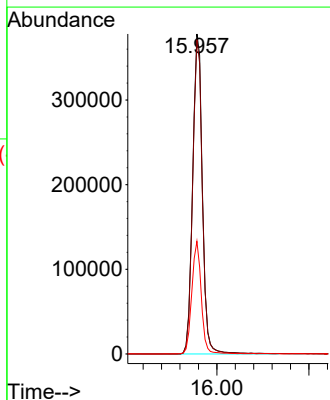
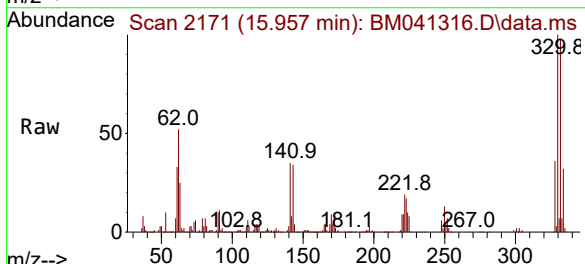
Instrument :
BNA_M
ClientSampleId :
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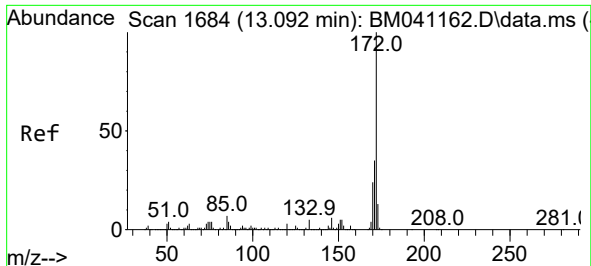
Tgt Ion:164 Resp: 322472
Ion Ratio Lower Upper
164 100
162 100.0 80.4 120.6
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 121.194 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

Tgt Ion:330 Resp: 552788
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.5 28.3 42.5

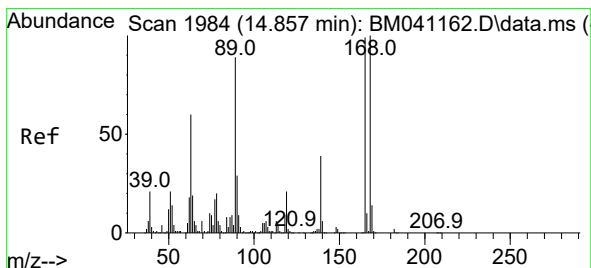
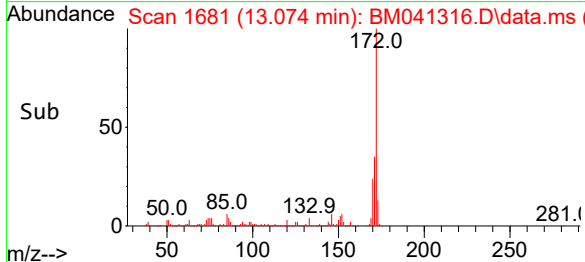
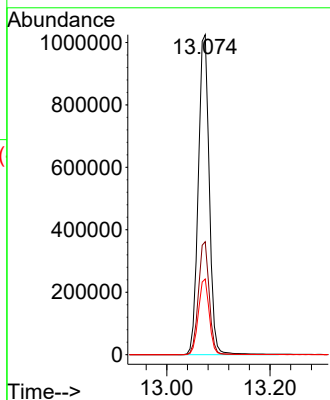
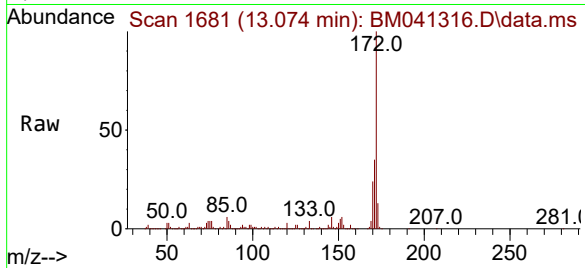




#45
2-Fluorobiphenyl
Concen: 59.152 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

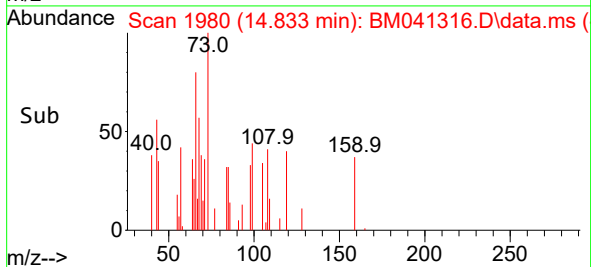
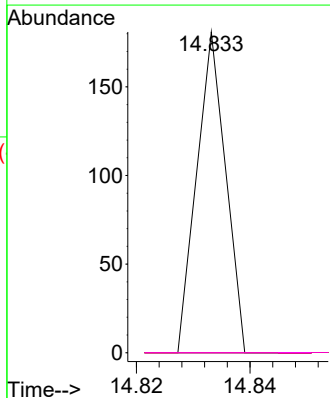
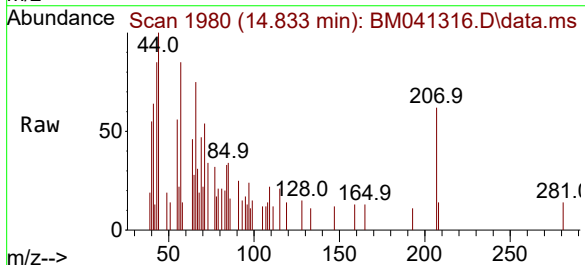
Instrument :
BNA_M
ClientSampleId :
MW-10

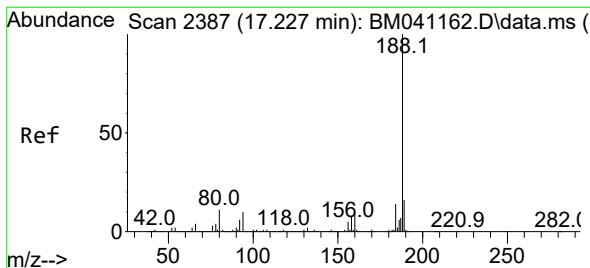
Tgt Ion:172 Resp: 1509978
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM041316.D
Acq: 07 Aug 2023 17:28

Tgt Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041316.D

Acq: 07 Aug 2023 17:28

Instrument :

BNA_M

ClientSampleId :

MW-10

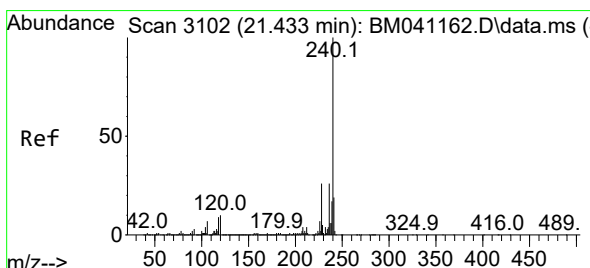
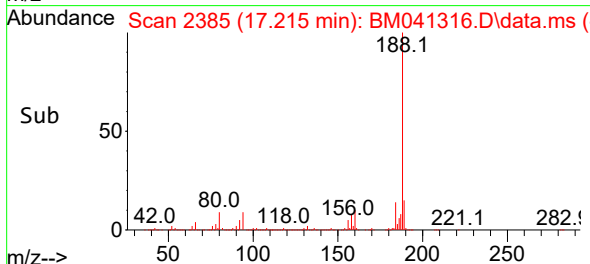
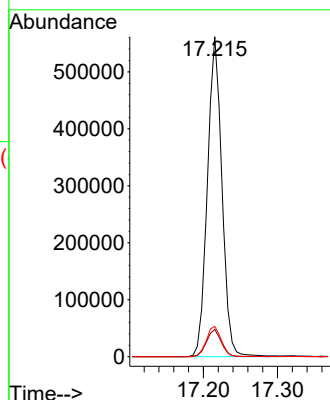
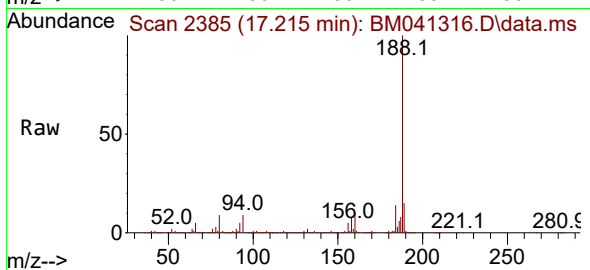
Tgt Ion:188 Resp: 765189

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.5 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: BM041316.D

Acq: 07 Aug 2023 17:28

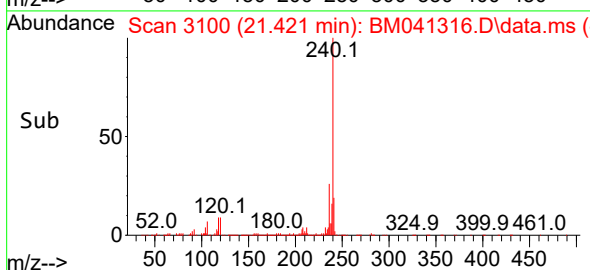
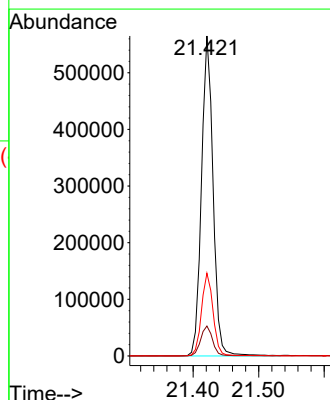
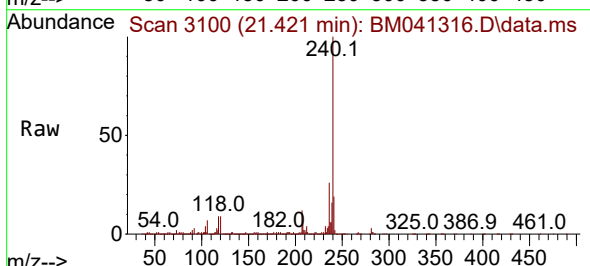
Tgt Ion:240 Resp: 696815

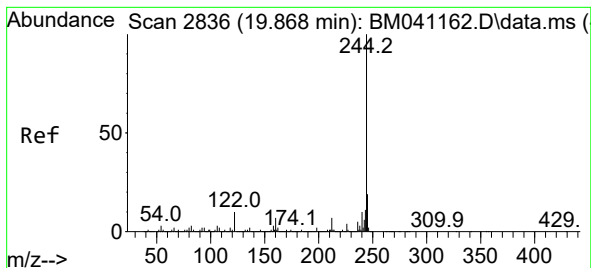
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 70.047 ng

RT: 19.856 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041316.D

Acq: 07 Aug 2023 17:28

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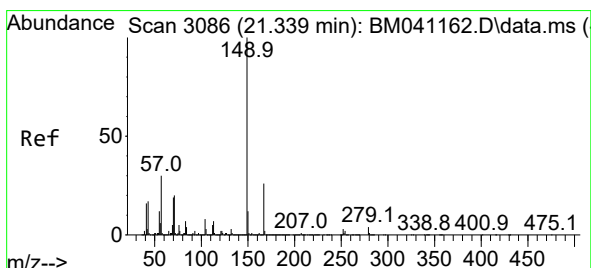
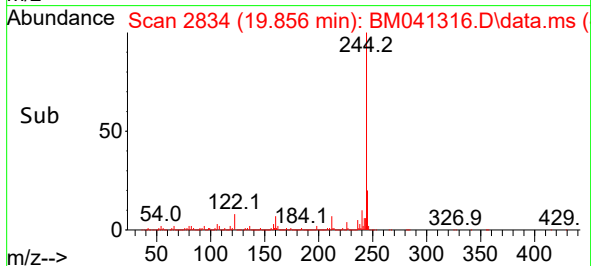
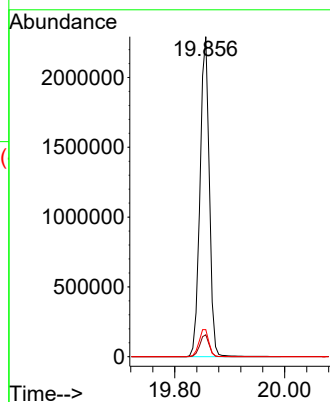
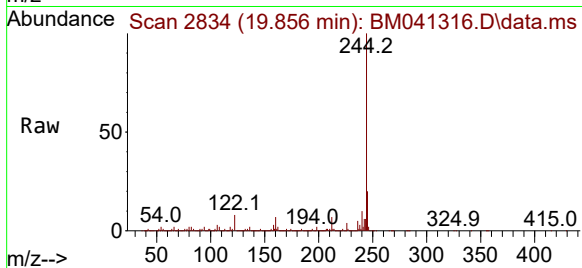
Tgt Ion:244 Resp: 2699585

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 8.5 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.671 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041316.D

Acq: 07 Aug 2023 17:28

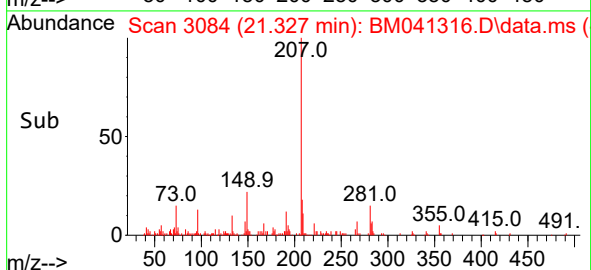
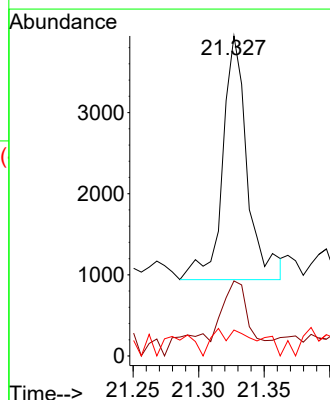
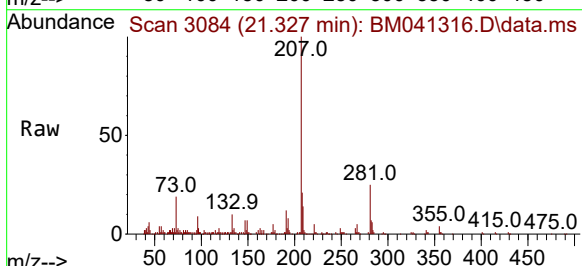
Tgt Ion:149 Resp: 3923

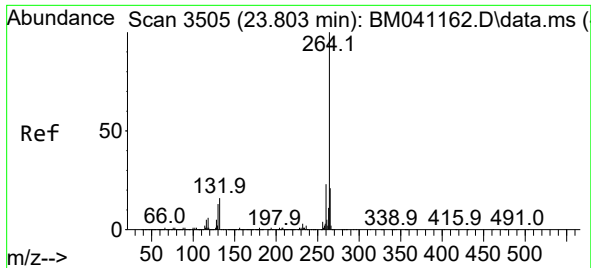
Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.6

279 8.1 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: BM041316.D
 Acq: 07 Aug 2023 17:28

Instrument :
 BNA_M
 ClientSampleId :
 MW-10

Tgt Ion:264 Resp: 675163
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 22.2 17.4 26.0

