

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041318.D
 Acq On : 07 Aug 2023 18:43
 Operator : MA/JU
 Sample : 03895-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP11

Quant Time: Aug 08 02:57:55 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)

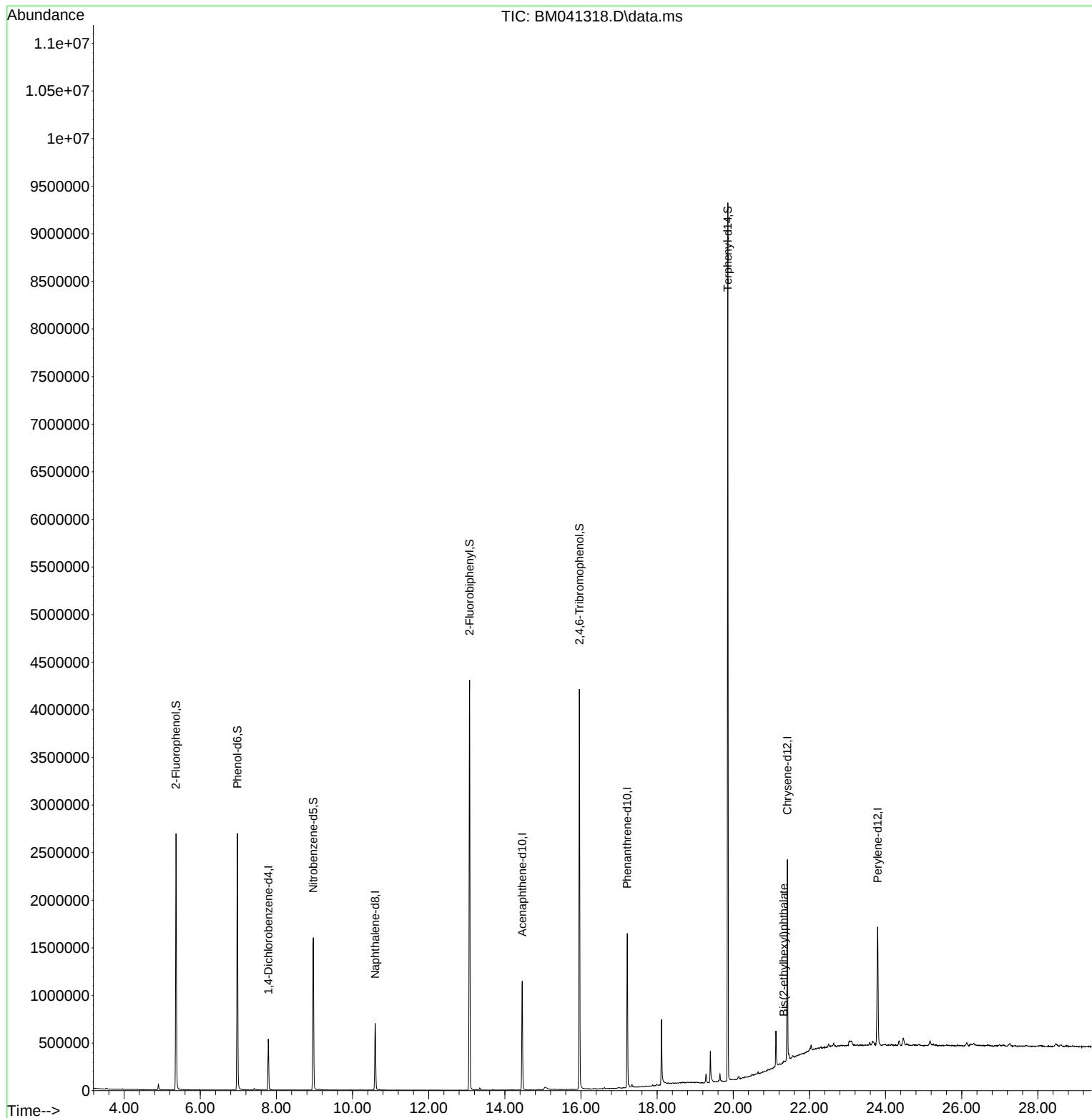
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	138080	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	582576	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	390991	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	935984	20.000	ng	0.00
76) Chrysene-d12	21.421	240	937782	20.000	ng	0.00
86) Perylene-d12	23.792	264	961338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1078938	116.785	ng	0.00
7) Phenol-d6	6.975	99	1451640	121.217	ng	0.00
23) Nitrobenzene-d5	8.969	82	926158	73.931	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	766688	138.633	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2167300	70.023	ng	0.00
79) Terphenyl-d14	19.856	244	4315285	83.199	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.327	149	6224	2.694	ng	Qvalue # 99

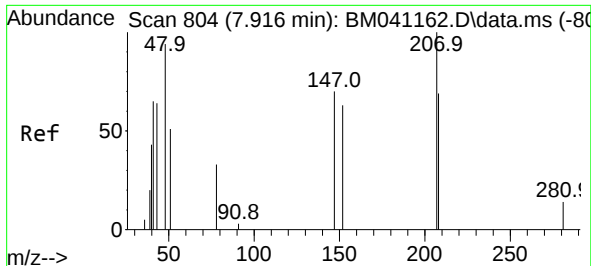
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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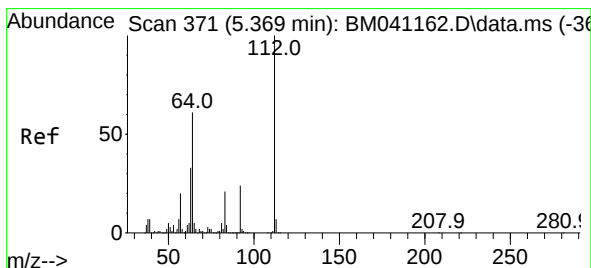
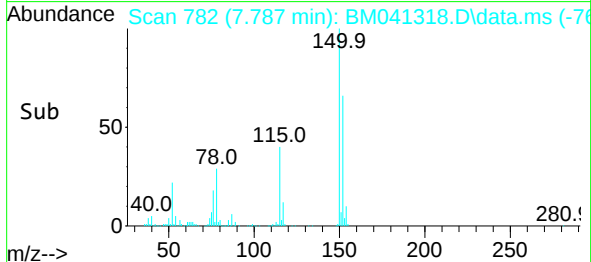
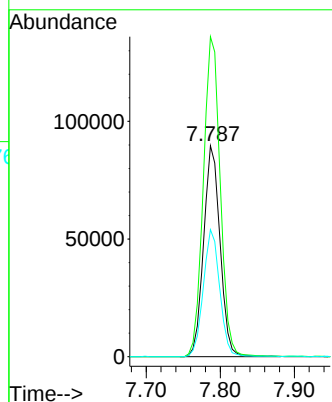
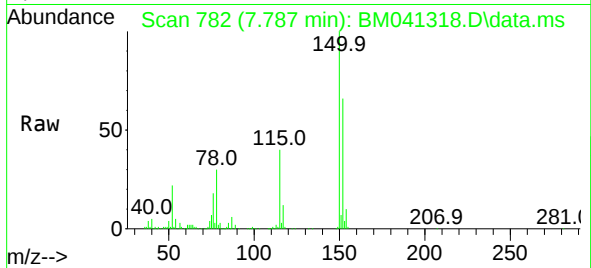




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

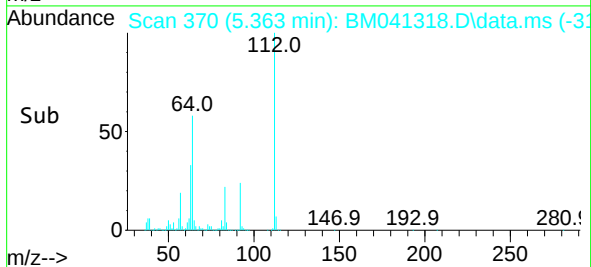
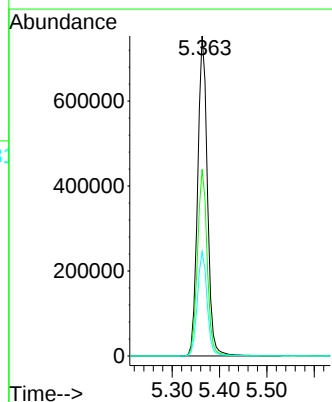
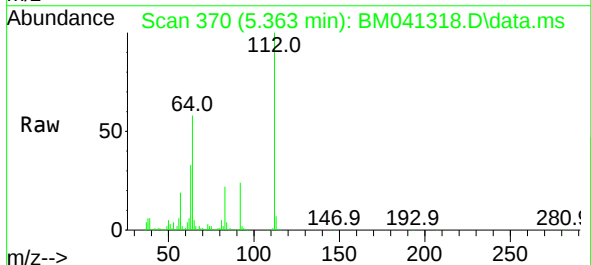
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP11

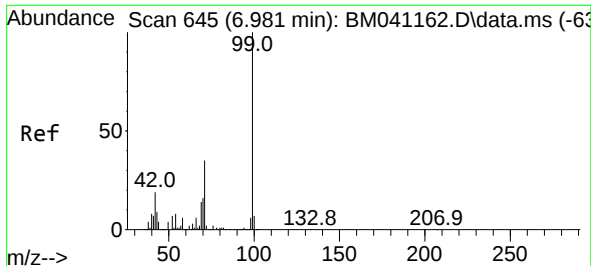
Tgt Ion:152 Resp: 138080
Ion Ratio Lower Upper
152 100
150 151.8 125.5 188.3
115 60.3 48.0 72.0



#5
2-Fluorophenol
Concen: 116.785 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

Tgt Ion:112 Resp: 1078938
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 32.6 26.5 39.7

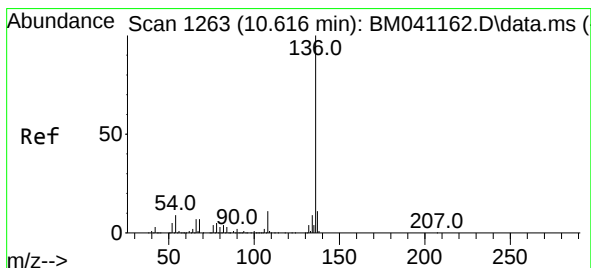
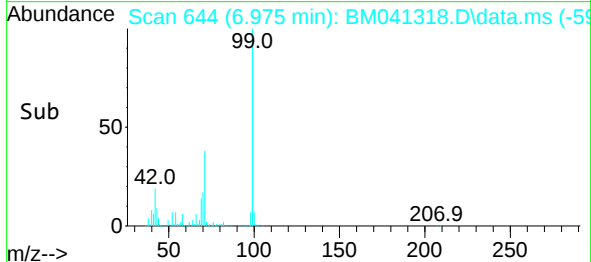
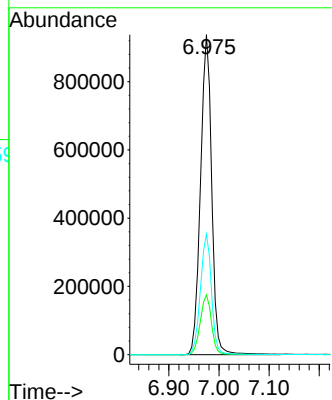
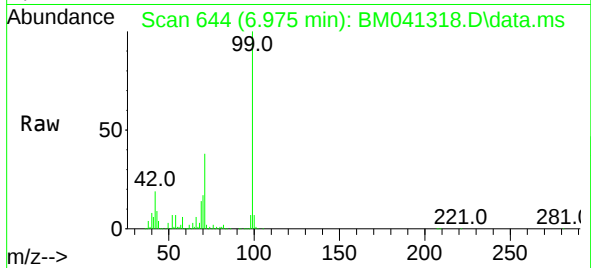




#7
Phenol-d6
Concen: 121.217 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

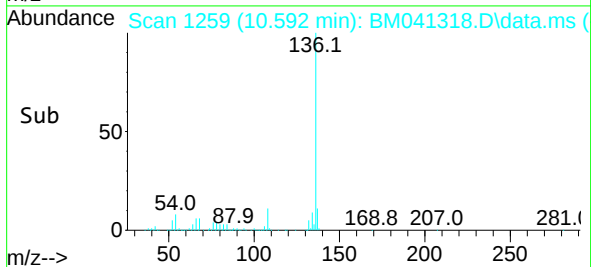
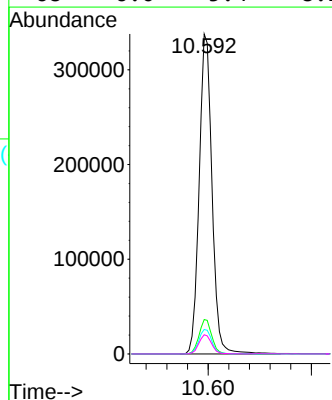
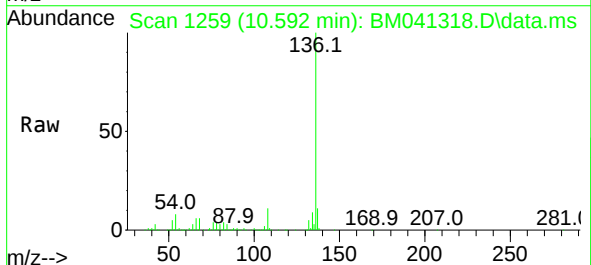
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP11

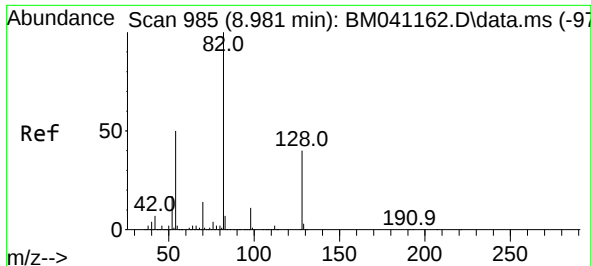
Tgt Ion: 99 Resp: 1451640
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

Tgt Ion:136 Resp: 582576
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 6.9 10.3
68 6.0 5.4 8.2

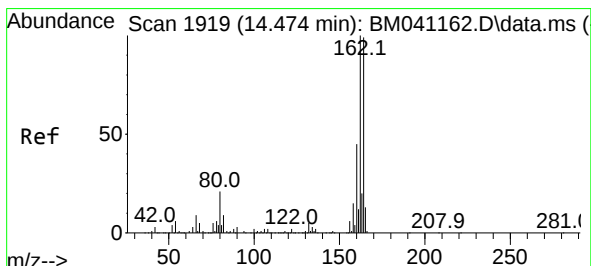
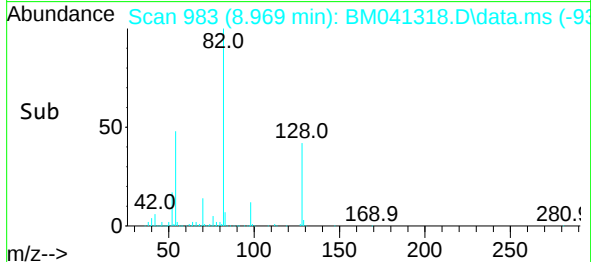
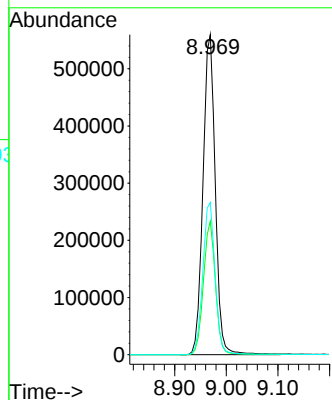
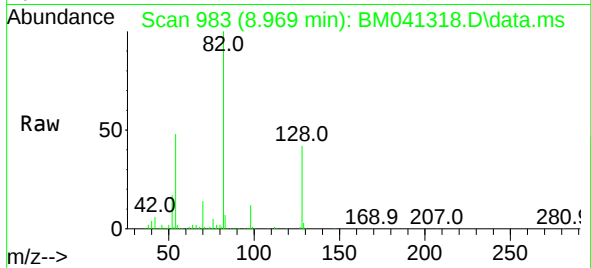




#23
Nitrobenzene-d5
Concen: 73.931 ng
RT: 8.969 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

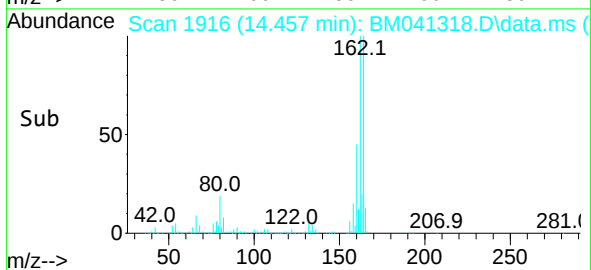
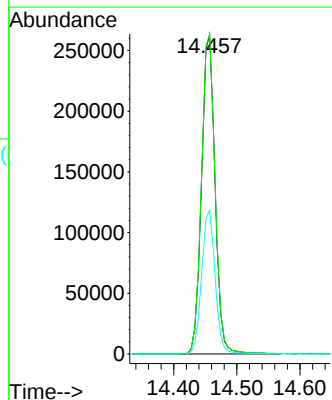
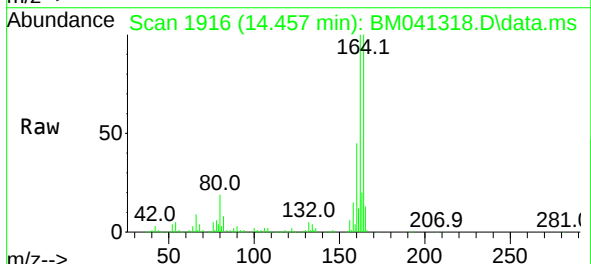
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP11

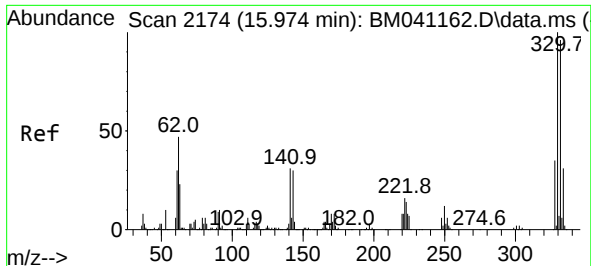
Tgt Ion: 82 Resp: 926158
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 47.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

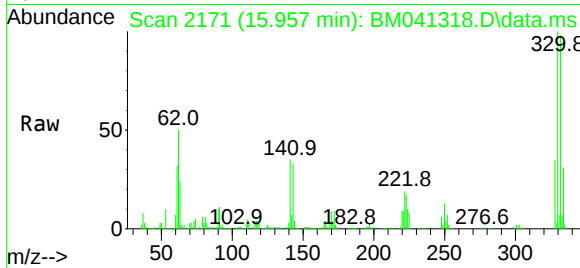
Tgt Ion: 164 Resp: 390991
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 45.0 36.2 54.2



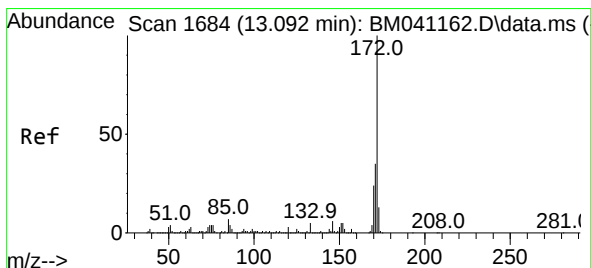
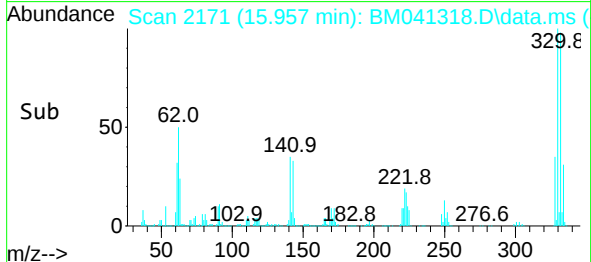
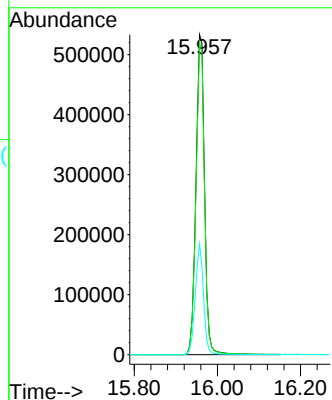


#42
2,4,6-Tribromophenol
Concen: 138.633 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP11

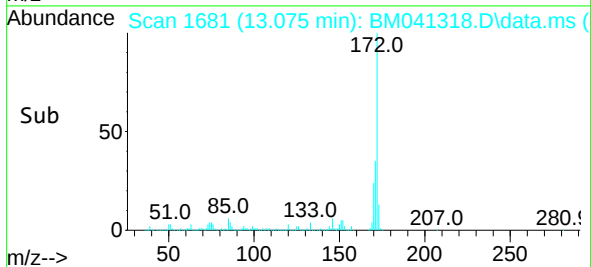
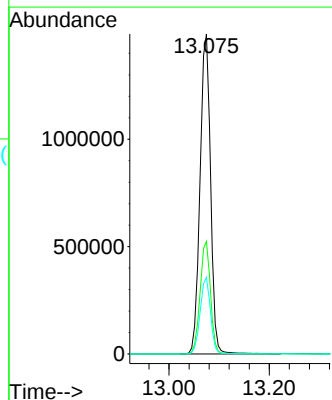
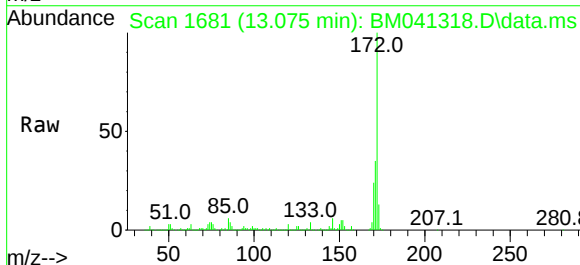


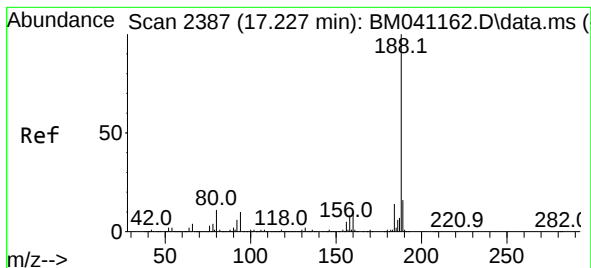
Tgt Ion:330 Resp: 766688
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 33.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 70.023 ng
RT: 13.075 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BM041318.D
Acq: 07 Aug 2023 18:43

Tgt Ion:172 Resp: 2167300
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.0 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: BM041318.D

Acq: 07 Aug 2023 18:43

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP11

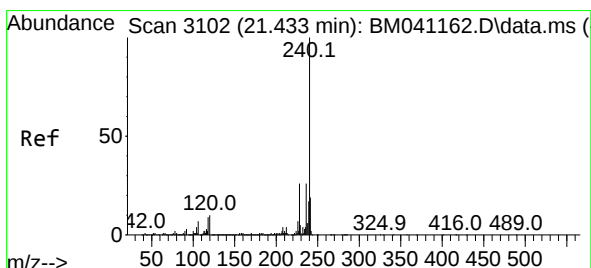
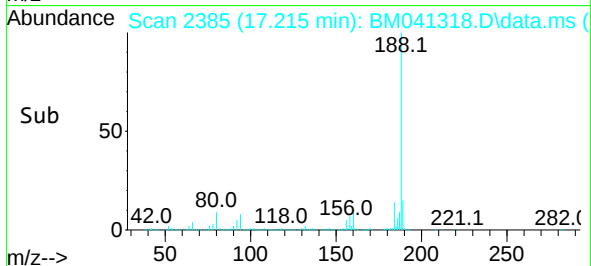
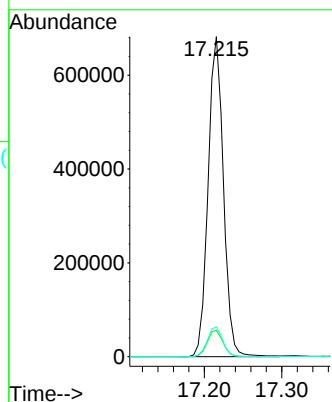
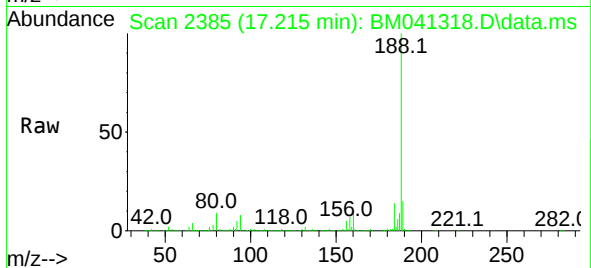
Tgt Ion:188 Resp: 935984

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.3 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: BM041318.D

Acq: 07 Aug 2023 18:43

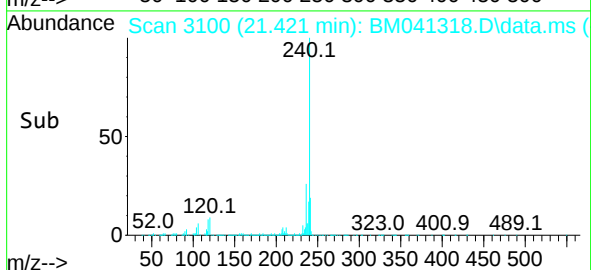
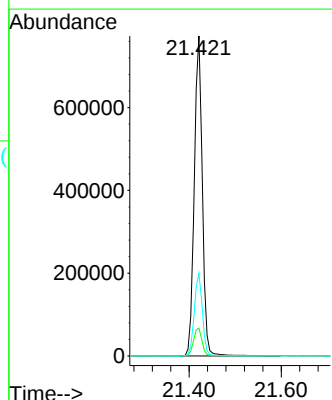
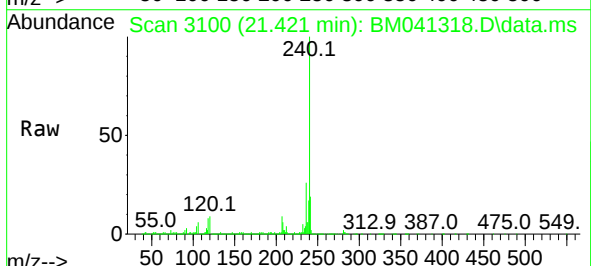
Tgt Ion:240 Resp: 937782

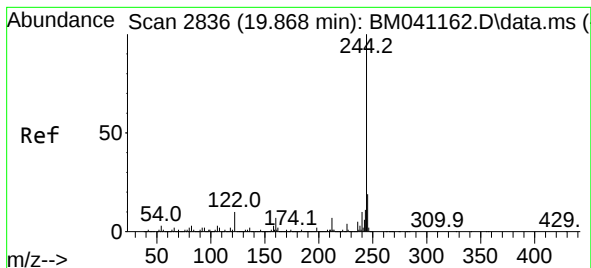
Ion Ratio Lower Upper

240 100

120 8.7 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 83.199 ng

RT: 19.856 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041318.D

Acq: 07 Aug 2023 18:43

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP11

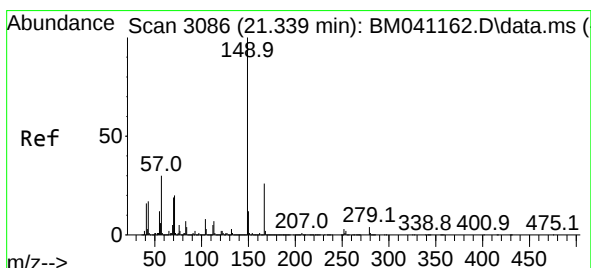
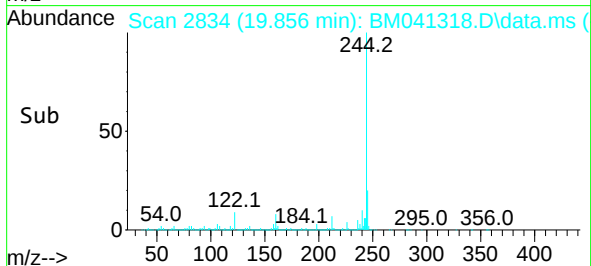
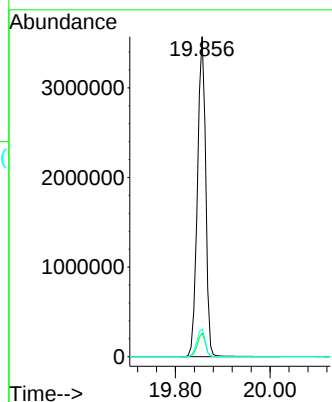
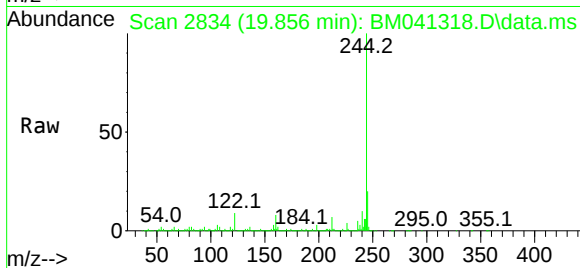
Tgt Ion:244 Resp: 4315285

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.7 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.694 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041318.D

Acq: 07 Aug 2023 18:43

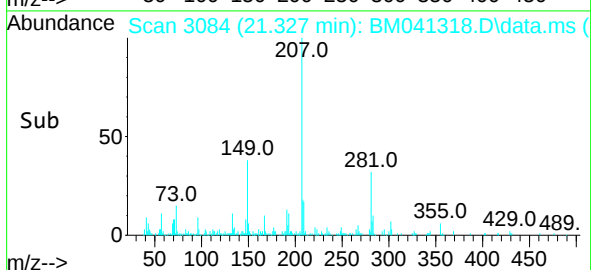
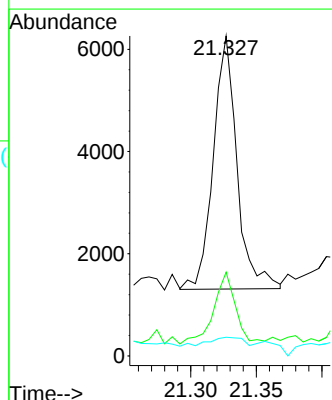
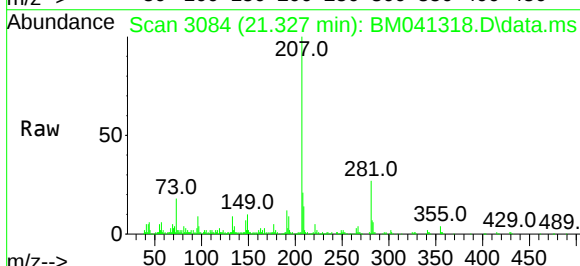
Tgt Ion:149 Resp: 6224

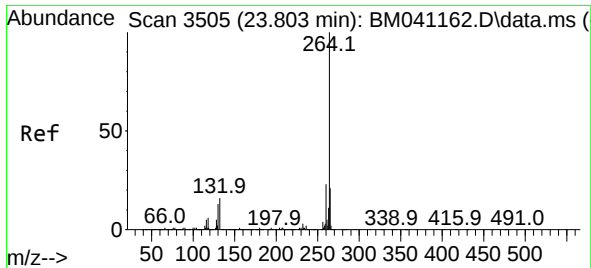
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.6

279 5.8 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM041318.D
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Tgt Ion:264 Resp: 961338
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.2 17.4 26.0

