

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041448.D
 Acq On : 21 Aug 2023 15:05
 Operator : MA/JU
 Sample : 04082-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 364

Quant Time: Aug 22 03:37:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	141108	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	556262	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	365662	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	849242	20.000	ng	0.00
76) Chrysene-d12	21.386	240	942716	20.000	ng	0.00
86) Perylene-d12	23.727	264	1129569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	932197	109.900	ng	0.00
7) Phenol-d6	6.957	99	1085544	94.249	ng	0.00
23) Nitrobenzene-d5	8.939	82	827203	70.987	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	615601	106.086	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	1896205	69.489	ng	0.00
79) Terphenyl-d14	19.815	244	3808310	70.298	ng	0.00

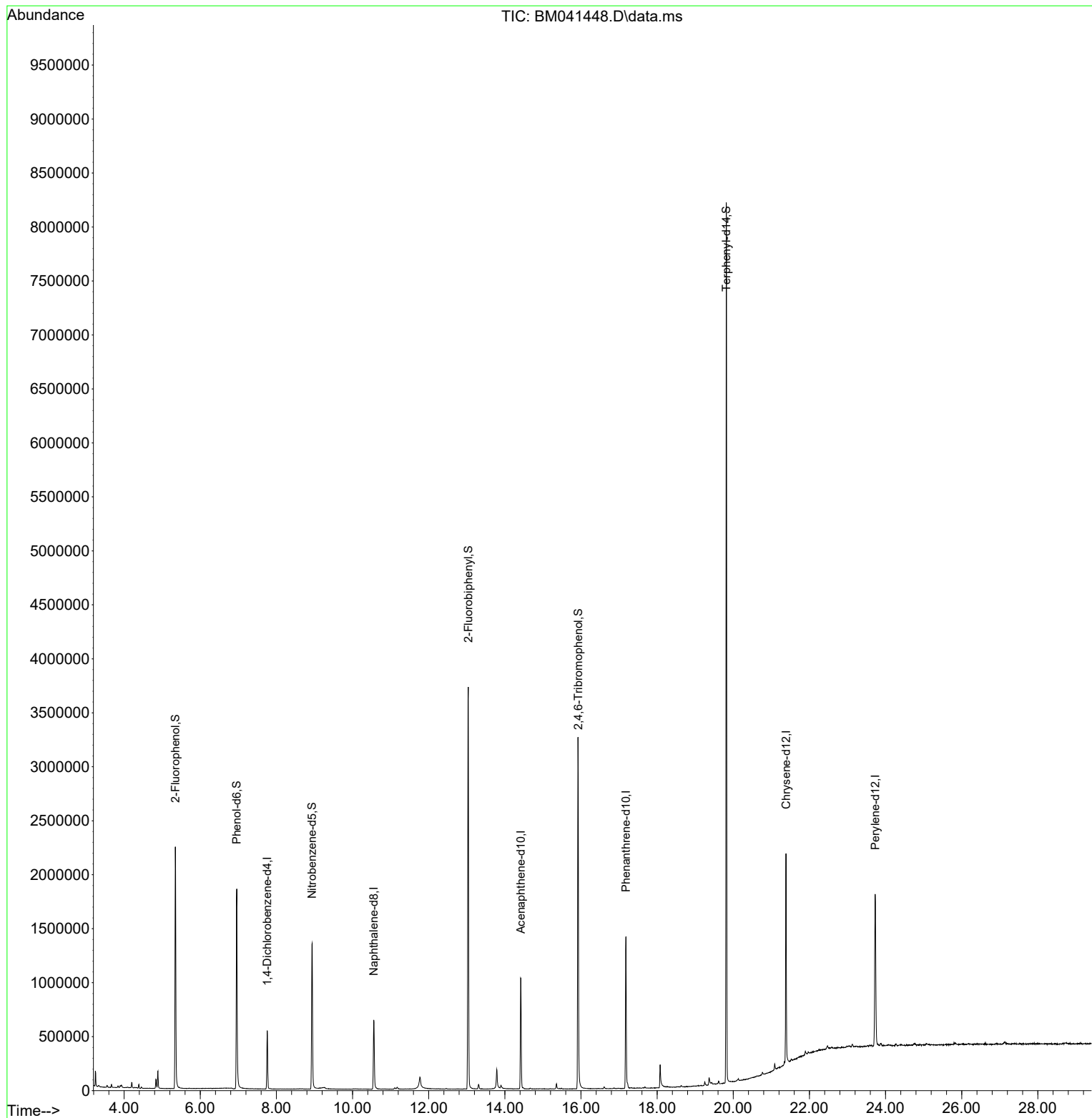
Target Compounds	Qvalue

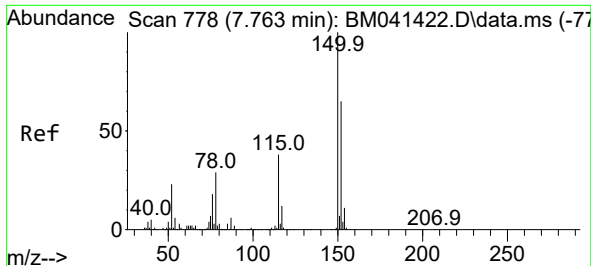
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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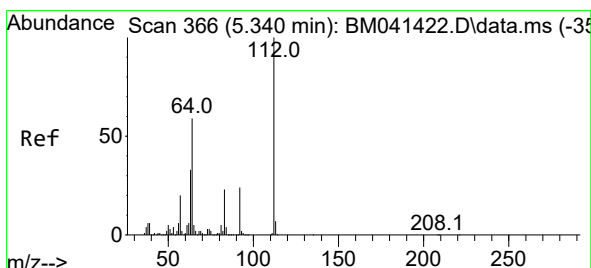
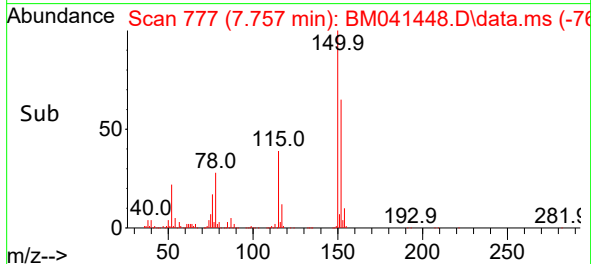
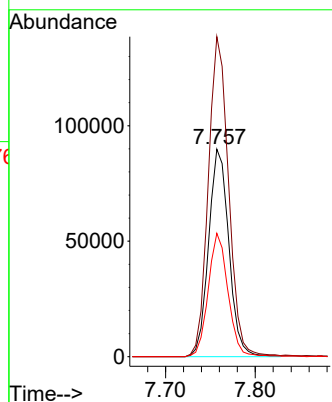
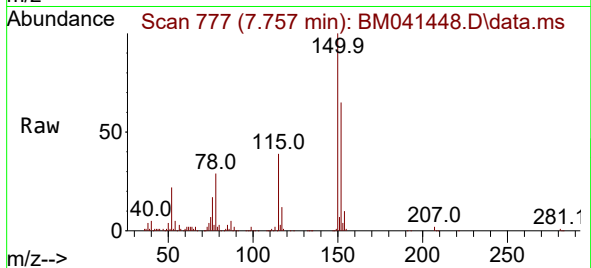




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

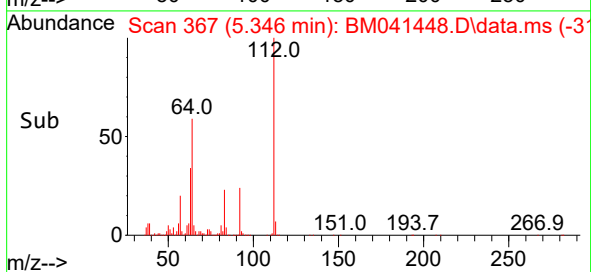
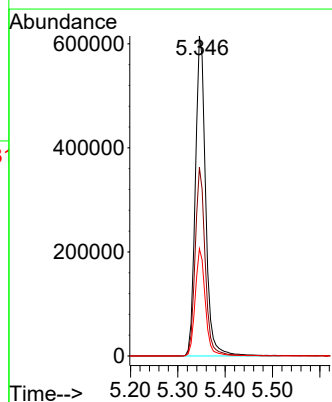
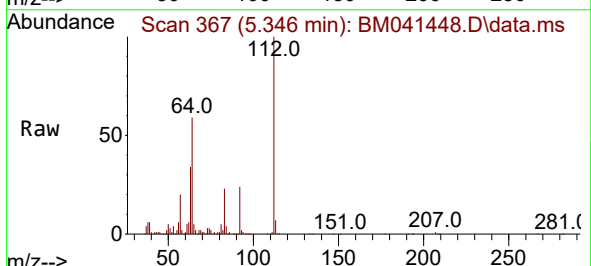
Instrument :
BNA_M
ClientSampleId :
364

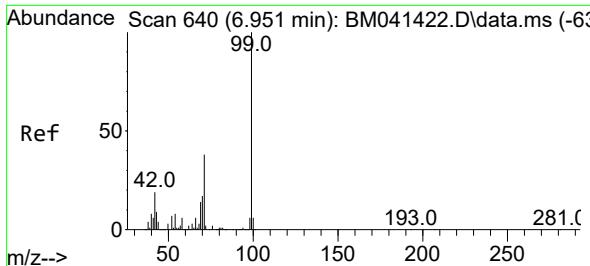
Tgt Ion:152 Resp: 141108
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 59.5 46.6 70.0



#5
2-Fluorophenol
Concen: 109.900 ng
RT: 5.346 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

Tgt Ion:112 Resp: 932197
Ion Ratio Lower Upper
112 100
64 58.9 47.3 70.9
63 33.5 26.5 39.7

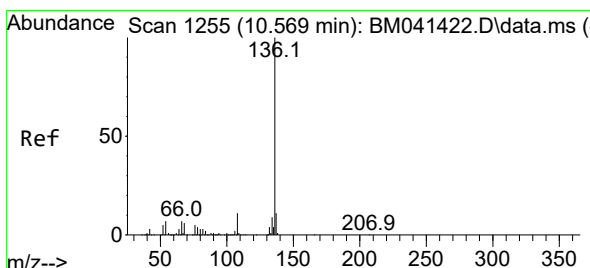
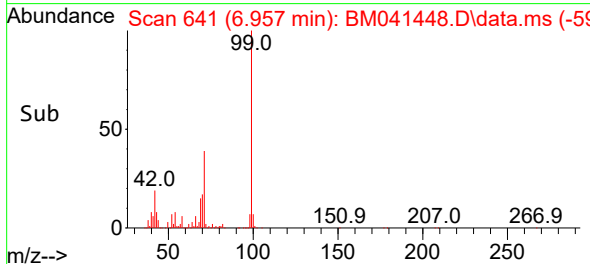
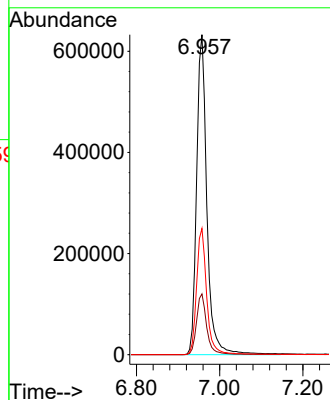
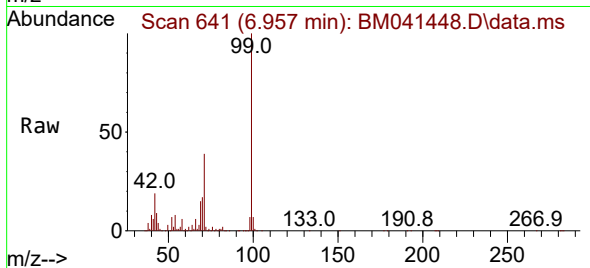




#7
Phenol-d6
Concen: 94.249 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

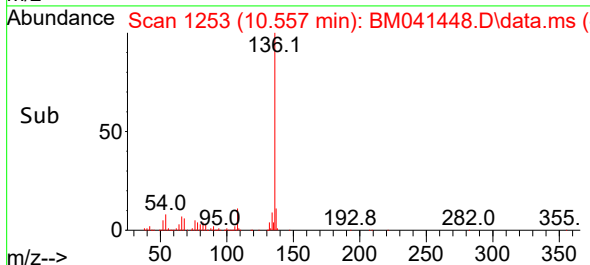
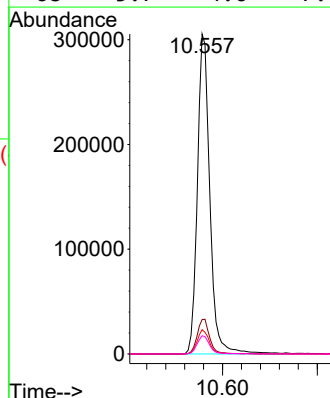
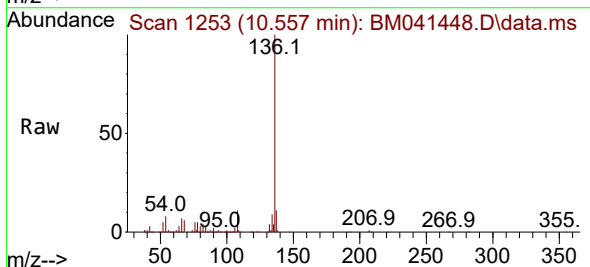
Instrument :
BNA_M
ClientSampleId :
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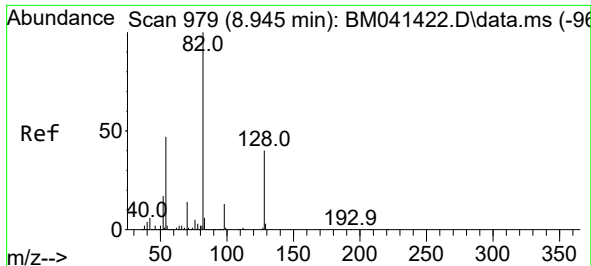
Tgt Ion: 99 Resp: 1085544
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 39.5 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

Tgt Ion:136 Resp: 556262
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 5.7 8.5
68 5.7 4.6 7.0

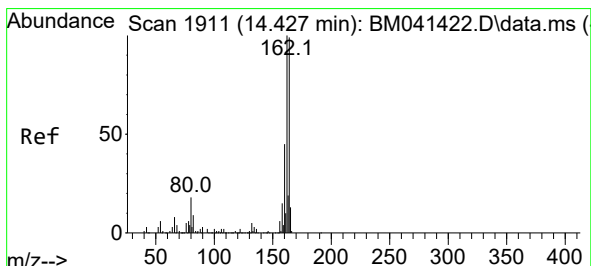
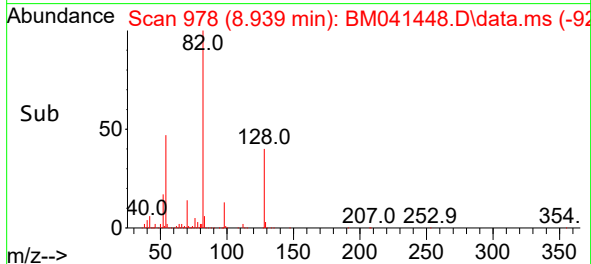
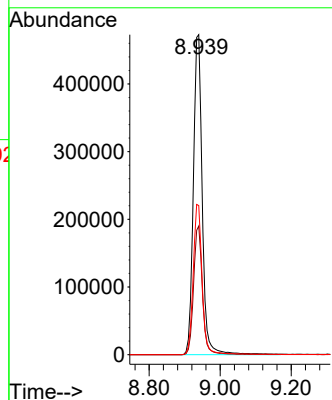
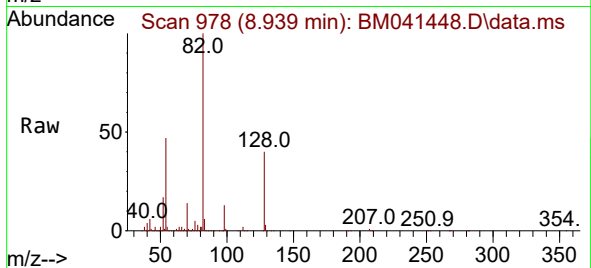




#23
Nitrobenzene-d5
Concen: 70.987 ng
RT: 8.939 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

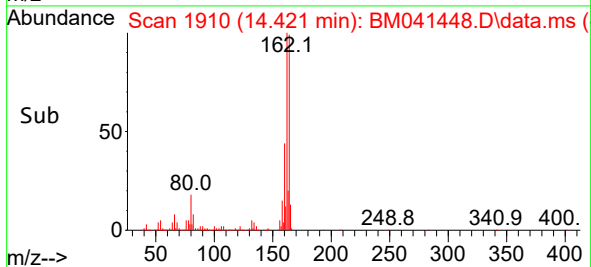
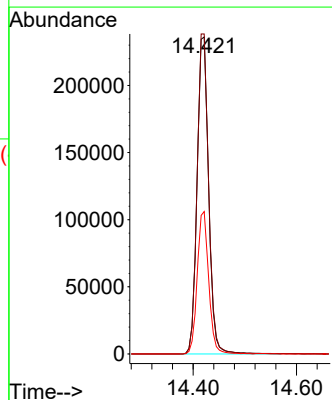
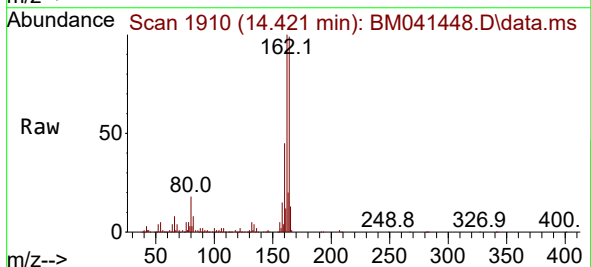
Instrument :
BNA_M
ClientSampleId :
364

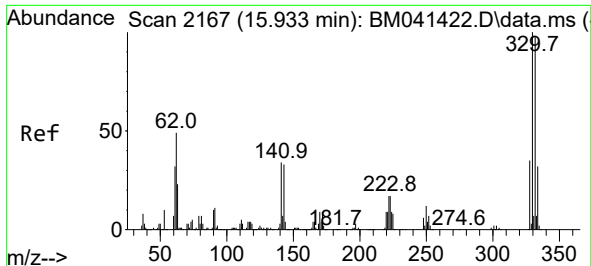
Tgt Ion: 82 Resp: 827203
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.4
54 46.6 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.421 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

Tgt Ion:164 Resp: 365662
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 45.0 35.9 53.9

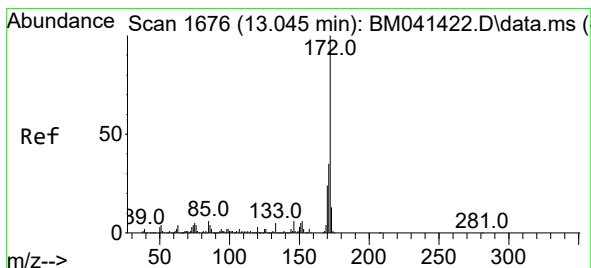
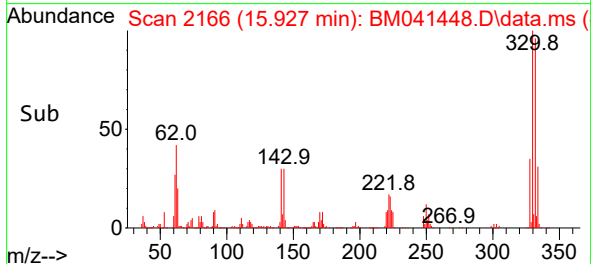
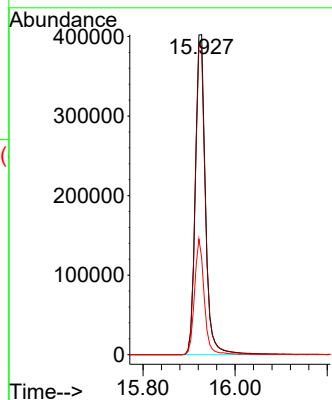
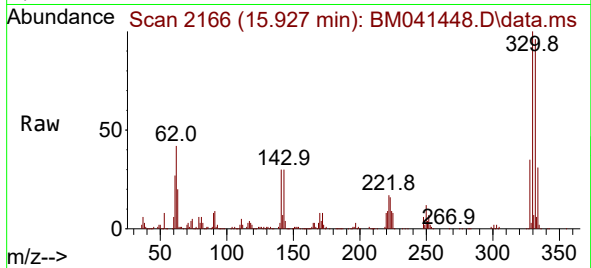




#42
2,4,6-Tribromophenol
Concen: 106.086 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

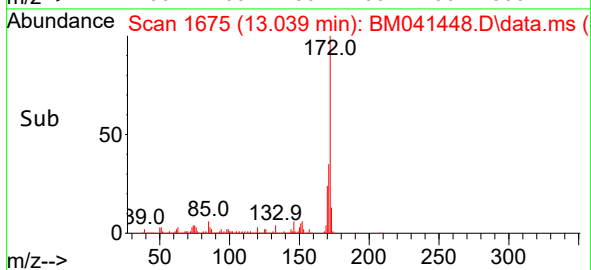
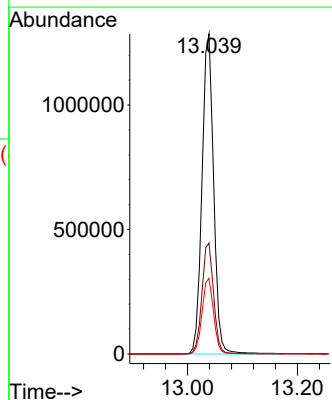
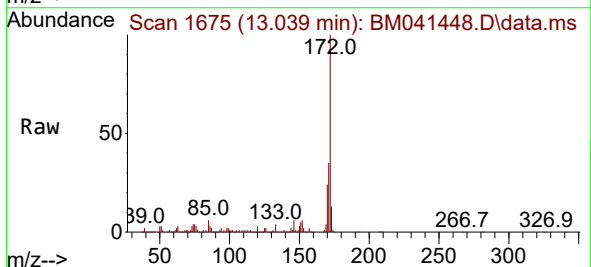
Instrument :
BNA_M
ClientSampleId :
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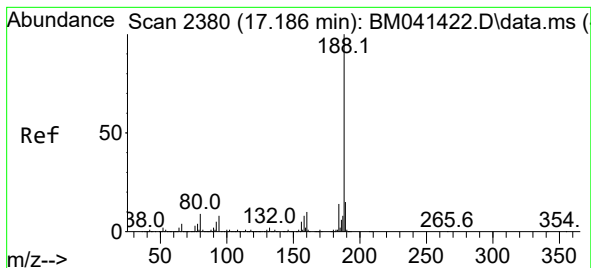
Tgt Ion:330 Resp: 615601
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 34.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 69.489 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM041448.D
Acq: 21 Aug 2023 15:05

Tgt Ion:172 Resp: 1896205
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041448.D

Acq: 21 Aug 2023 15:05

Instrument :

BNA_M

ClientSampleId :

364

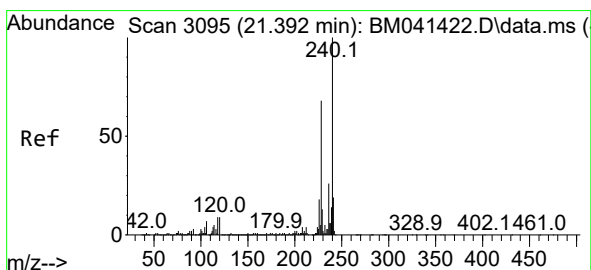
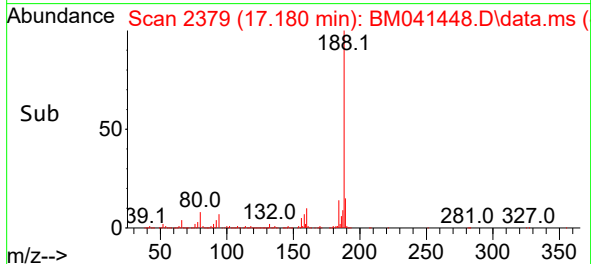
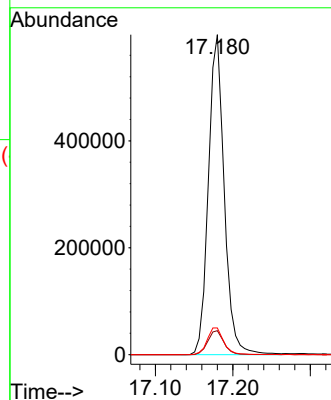
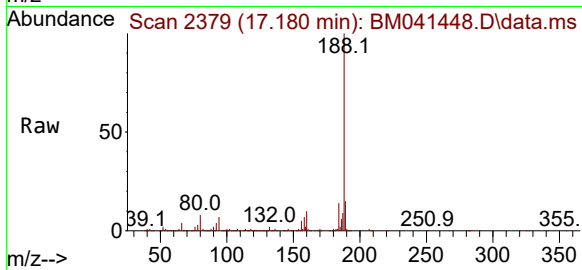
Tgt Ion:188 Resp: 849242

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041448.D

Acq: 21 Aug 2023 15:05

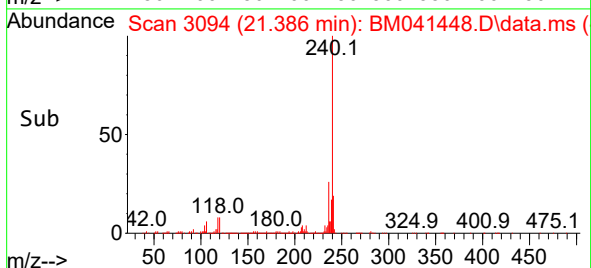
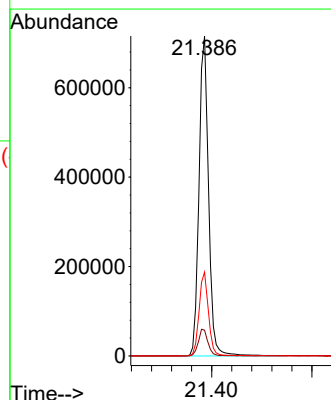
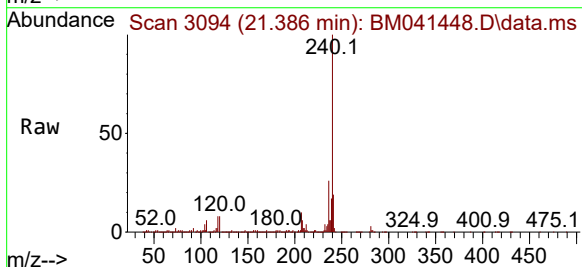
Tgt Ion:240 Resp: 942716

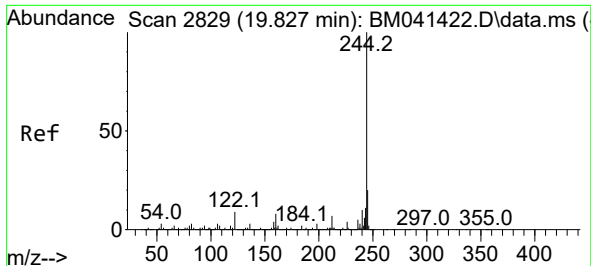
Ion Ratio Lower Upper

240 100

120 8.0 7.4 11.2

236 26.2 20.8 31.2

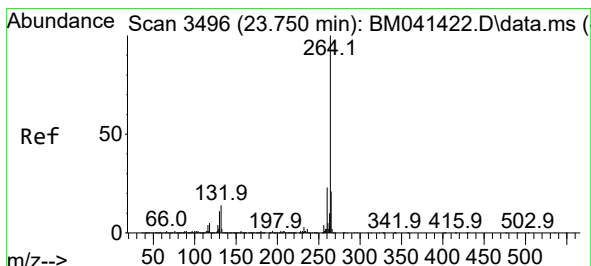
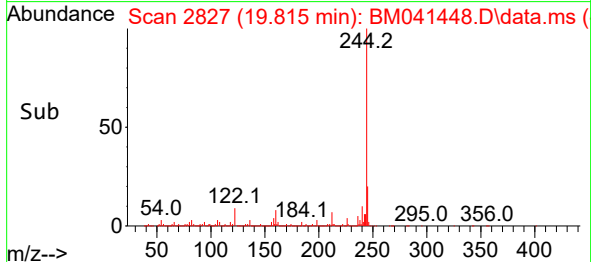
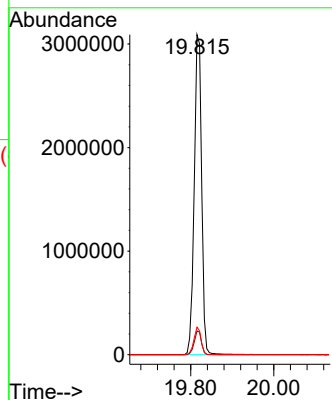
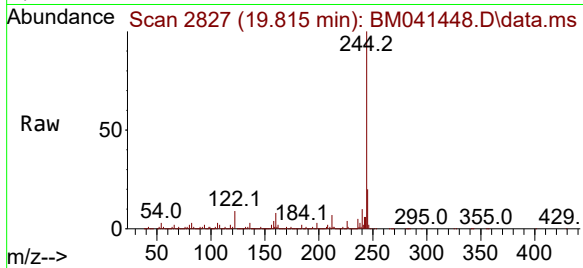




#79
 Terphenyl-d14
 Concen: 70.298 ng
 RT: 19.815 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041448.D
 Acq: 21 Aug 2023 15:05

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3808310
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3492
 Delta R.T. 0.000 min
 Lab File: BM041448.D
 Acq: 21 Aug 2023 15:05

Tgt Ion:264 Resp: 1129569
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 22.3 17.5 26.3

