

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041447.D
 Acq On : 21 Aug 2023 14:27
 Operator : MA/JU
 Sample : 04082-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 277

Quant Time: Aug 22 03:36:55 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	157038	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	627818	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	415131	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	956410	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1011305	20.000	ng	0.00
86) Perylene-d12	23.727	264	1181821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1010563	107.053	ng	0.00
7) Phenol-d6	6.957	99	1173716	91.567	ng	0.00
23) Nitrobenzene-d5	8.939	82	913858	69.485	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	678711	103.024	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2164635	69.873	ng	0.00
79) Terphenyl-d14	19.815	244	4115535	70.817	ng	0.00

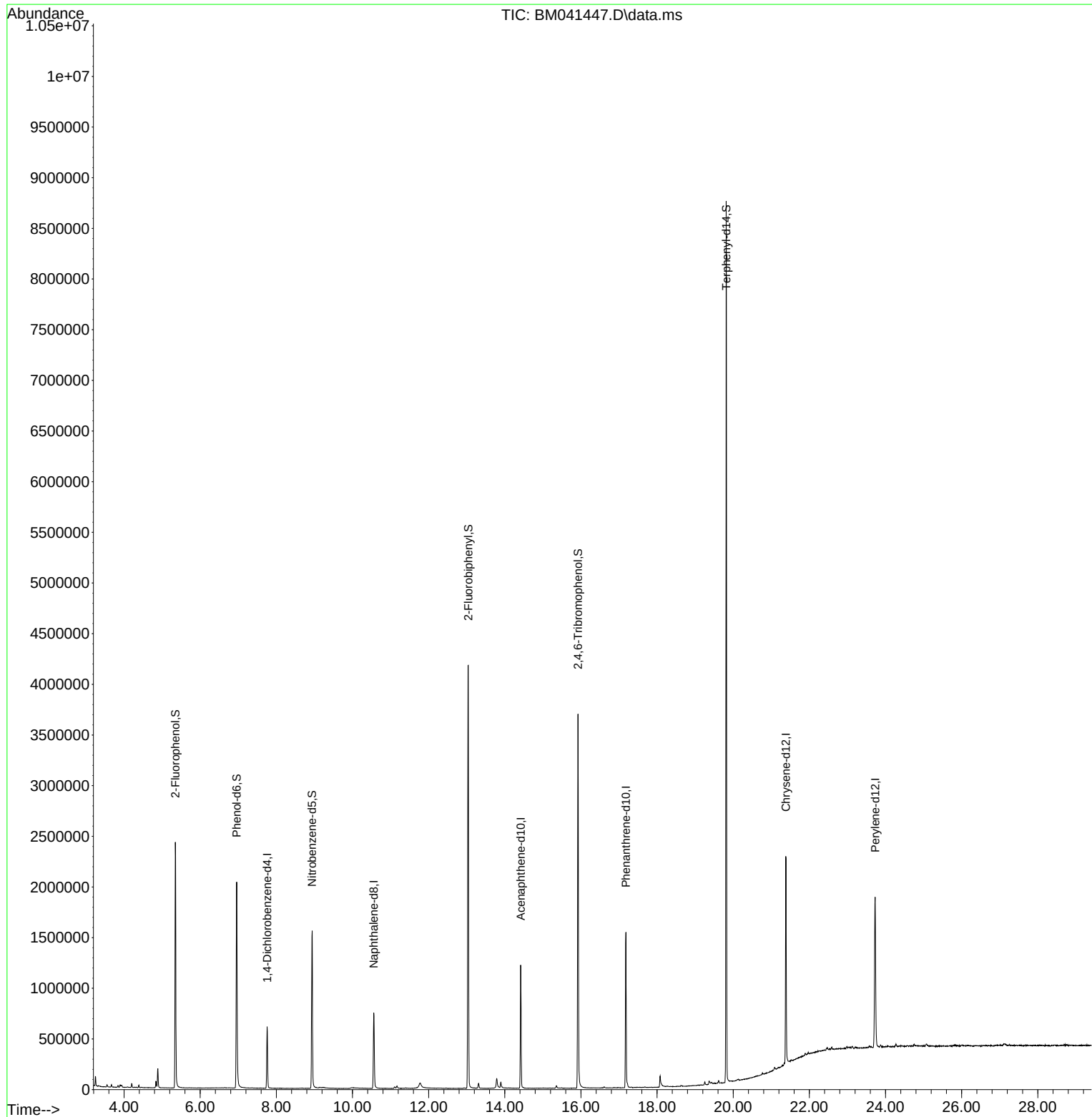
Target Compounds	Qvalue

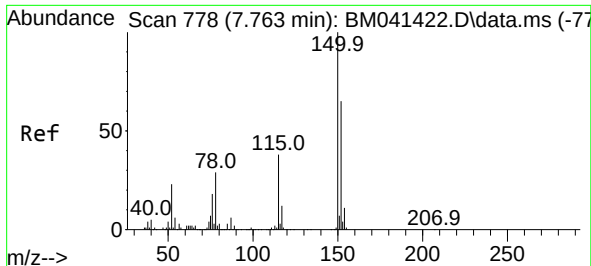
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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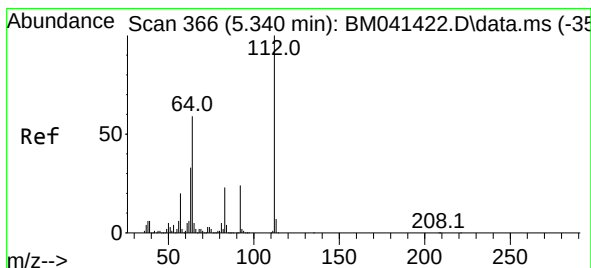
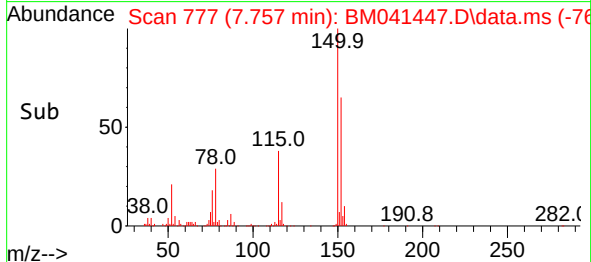
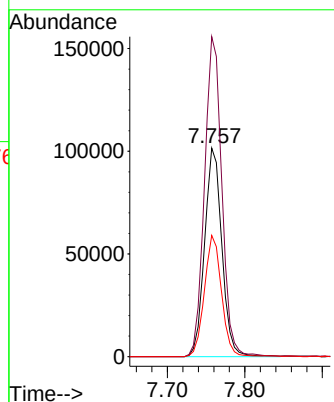
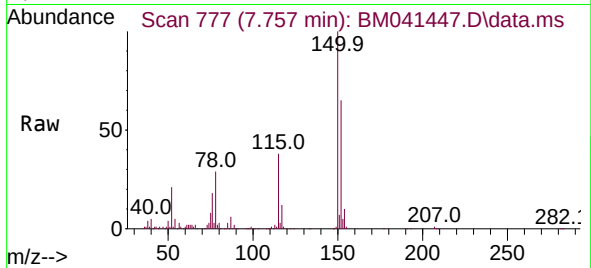




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041447.D
 Acq: 21 Aug 2023 14:27

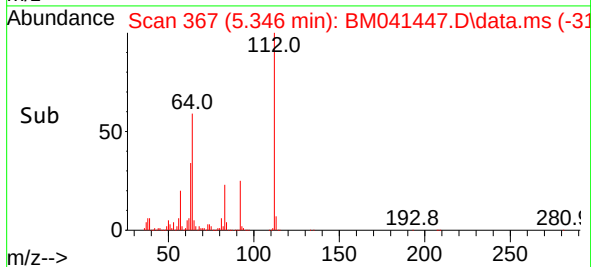
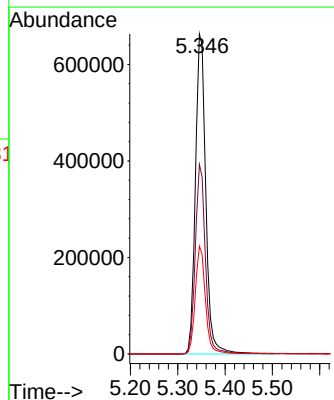
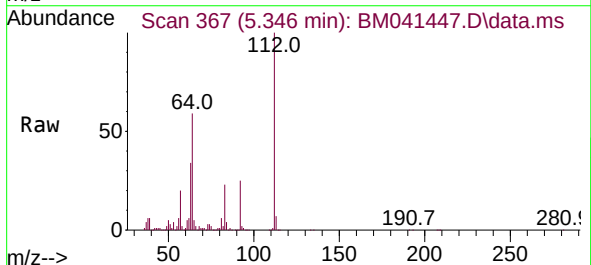
Instrument :
 BNA_M
 ClientSampleId :
 277

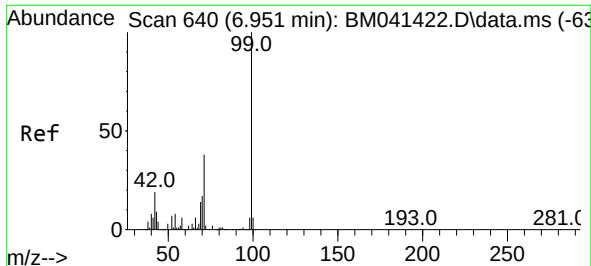
Tgt Ion:152 Resp: 157038
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 58.1 46.6 70.0



#5
 2-Fluorophenol
 Concen: 107.053 ng
 RT: 5.346 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BM041447.D
 Acq: 21 Aug 2023 14:27

Tgt Ion:112 Resp: 1010563
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.3 70.9
 63 33.7 26.5 39.7

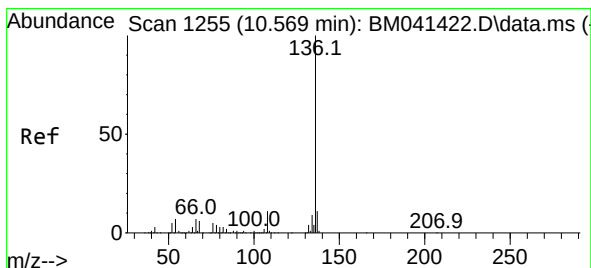
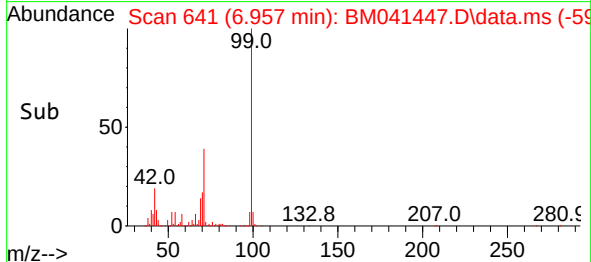
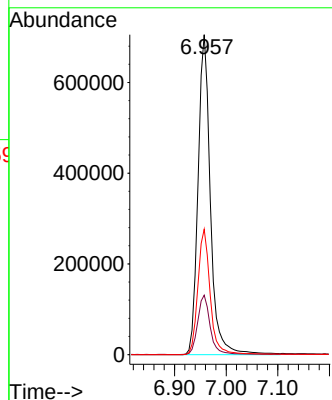
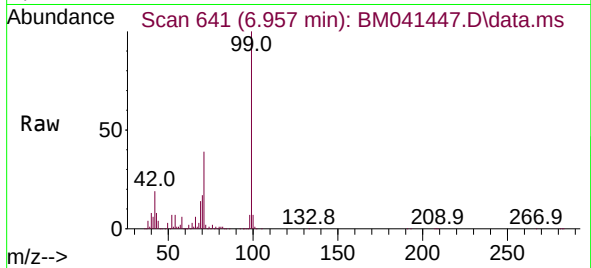




#7
Phenol-d6
Concen: 91.567 ng
RT: 6.957 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041447.D
Acq: 21 Aug 2023 14:27

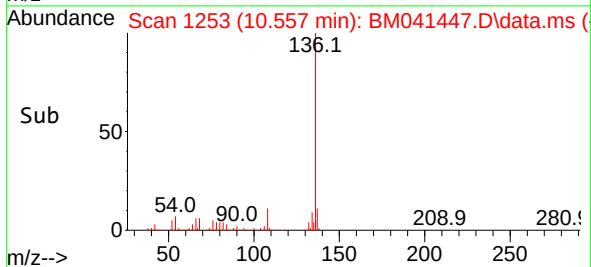
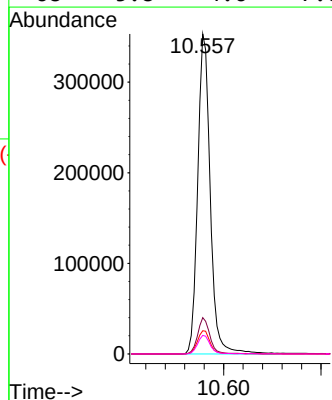
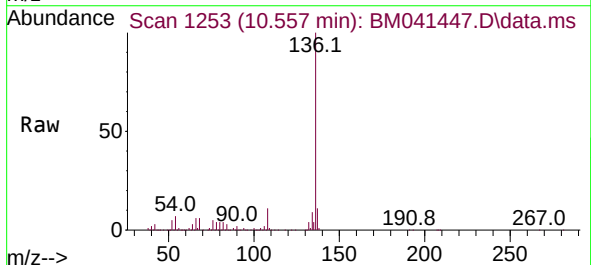
Instrument :
BNA_M
ClientSampleId :
277

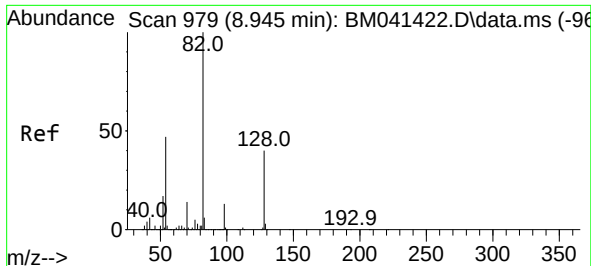
Tgt Ion: 99 Resp: 1173716
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 39.2 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041447.D
Acq: 21 Aug 2023 14:27

Tgt Ion: 136 Resp: 627818
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.2 5.7 8.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.485 ng

RT: 8.939 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

Instrument :

BNA_M

ClientSampleId :

277

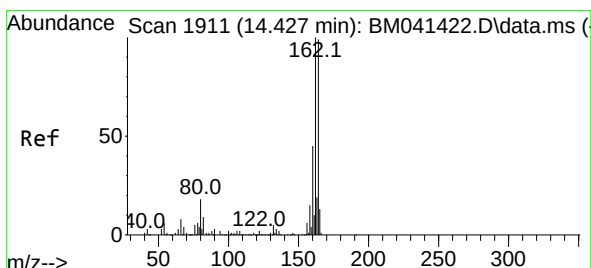
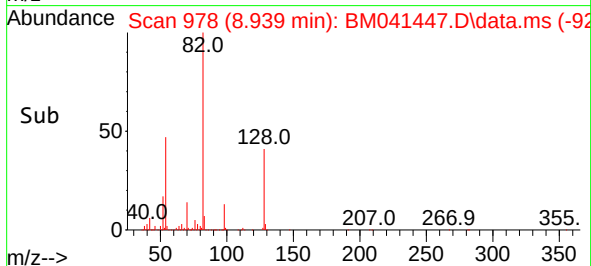
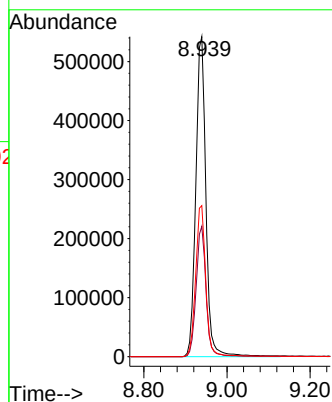
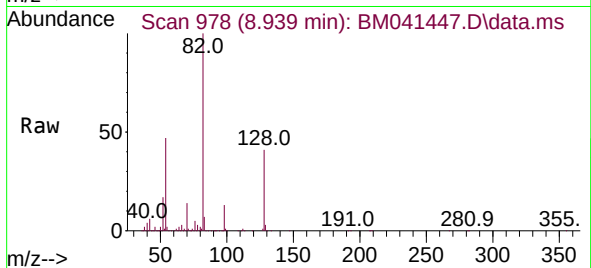
Tgt Ion: 82 Resp: 913858

Ion Ratio Lower Upper

82 100

128 40.7 32.2 48.4

54 47.2 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

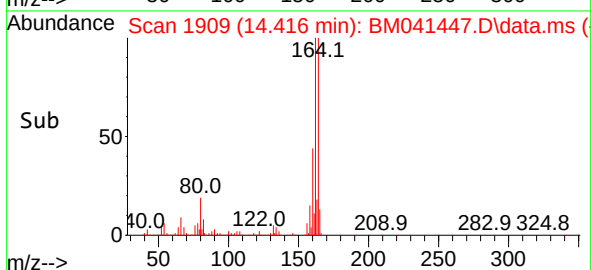
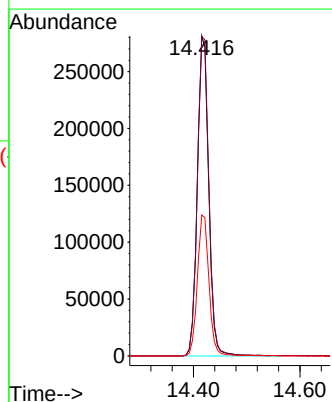
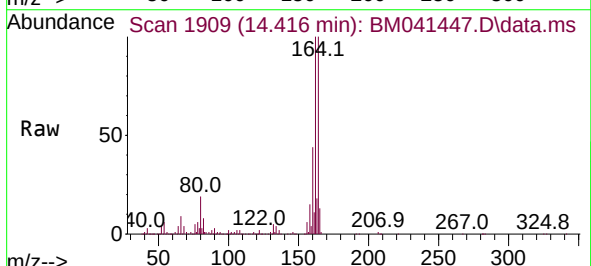
Tgt Ion: 164 Resp: 415131

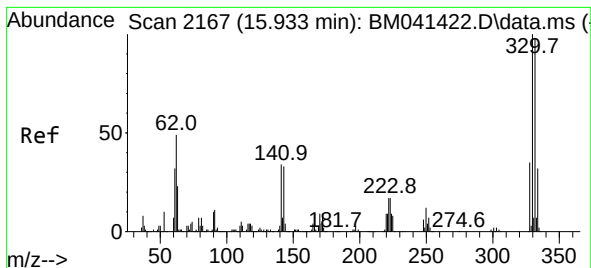
Ion Ratio Lower Upper

164 100

162 99.6 80.4 120.6

160 44.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 103.024 ng

RT: 15.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

Instrument :

BNA_M

ClientSampleId :

277

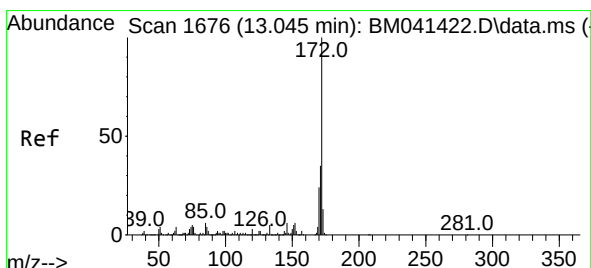
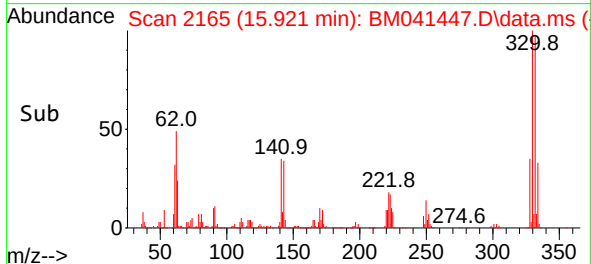
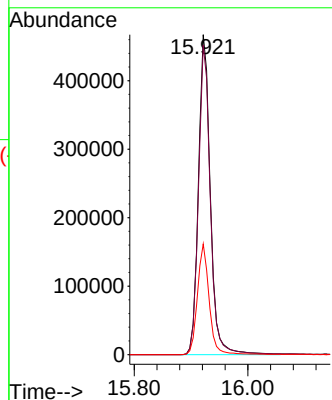
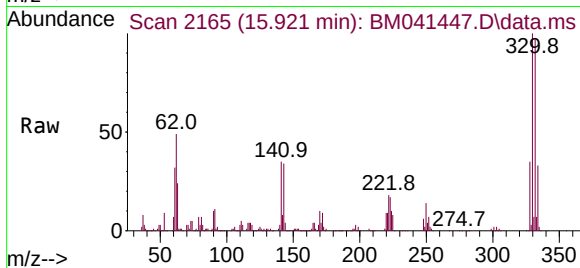
Tgt Ion:330 Resp: 678711

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 34.0 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 69.873 ng

RT: 13.039 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

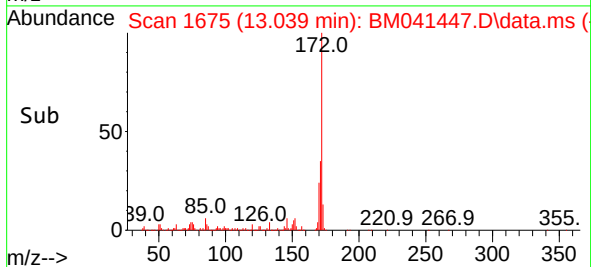
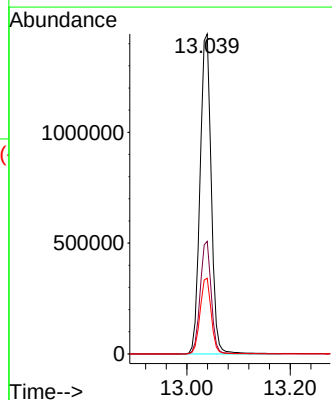
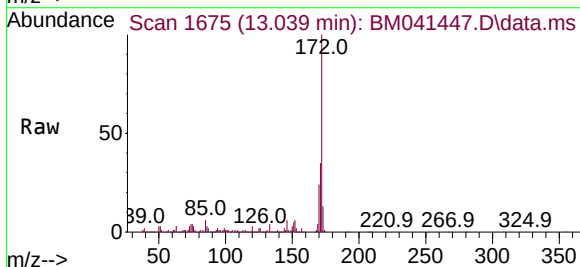
Tgt Ion:172 Resp: 2164635

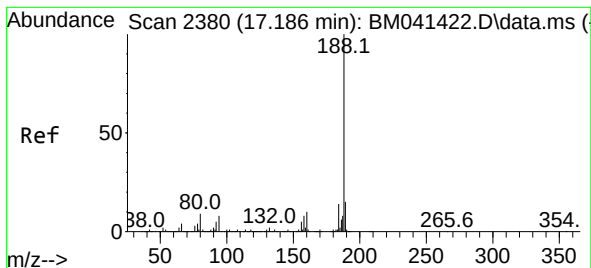
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 23

Delta R.T. 0.006 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

Instrument :

BNA_M

ClientSampleId :

277

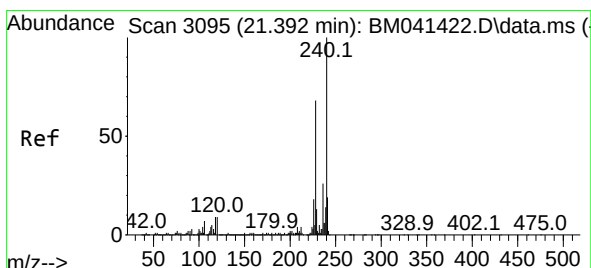
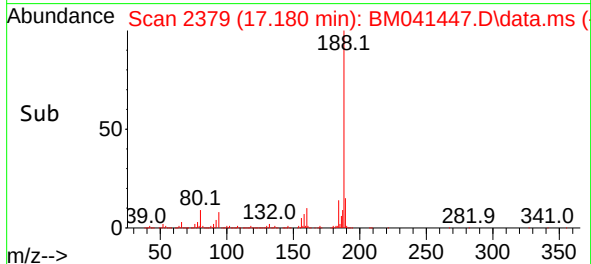
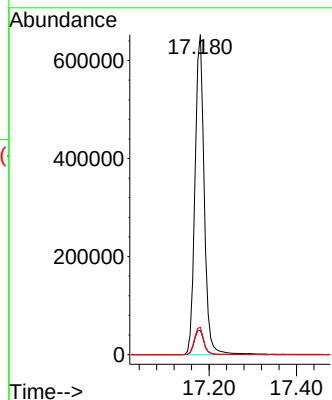
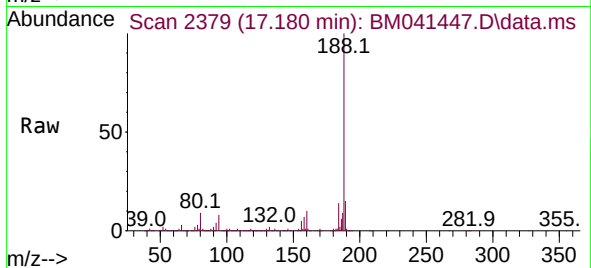
Tgt Ion:188 Resp: 956410

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.5 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM041447.D

Acq: 21 Aug 2023 14:27

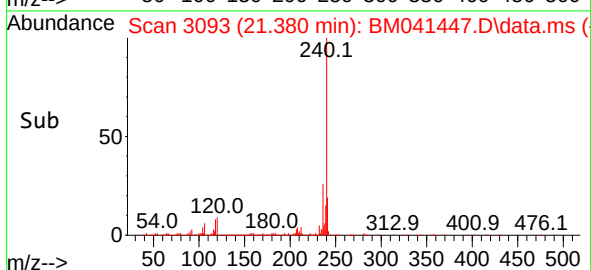
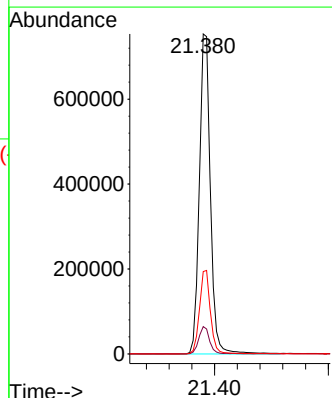
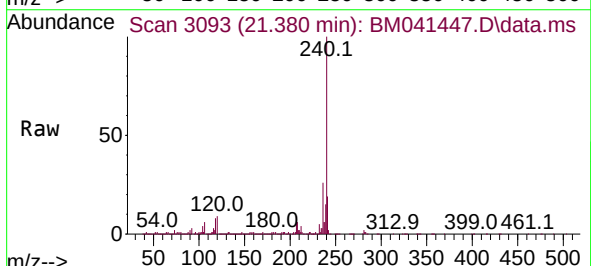
Tgt Ion:240 Resp: 1011305

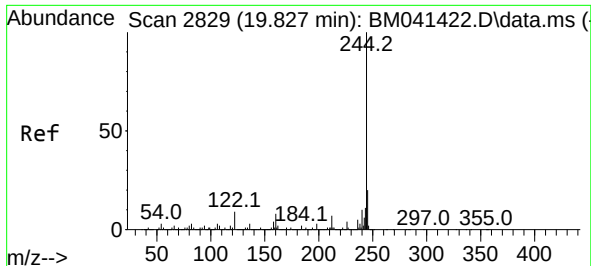
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.7 20.8 31.2

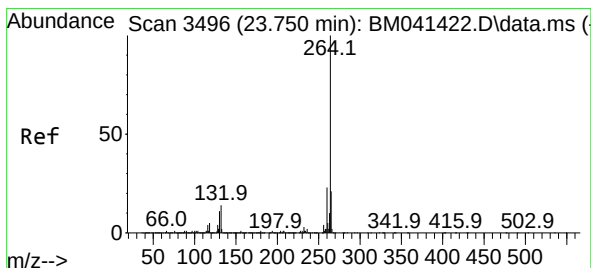
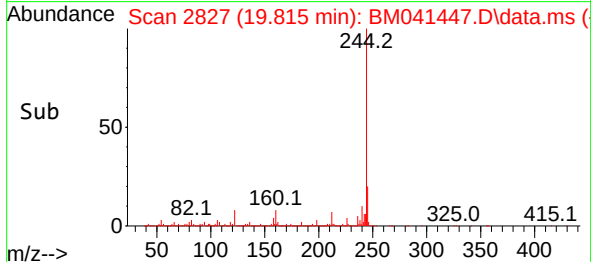
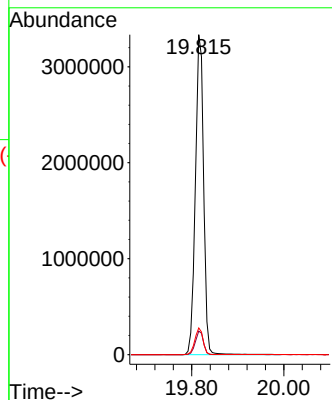
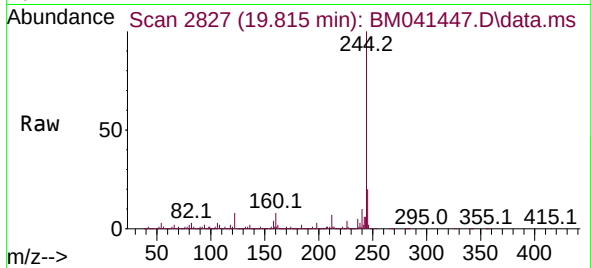




#79
 Terphenyl-d14
 Concen: 70.817 ng
 RT: 19.815 min Scan# 2827
 Delta R.T. 0.000 min
 Lab File: BM041447.D
 Acq: 21 Aug 2023 14:27

Instrument :
 BNA_M
 ClientSampleId :
 277

Tgt Ion:244 Resp: 4115535
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.3 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: BM041447.D
 Acq: 21 Aug 2023 14:27

Tgt Ion:264 Resp: 1181821
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.6 17.5 26.3

