

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041172.D
 Acq On : 28 Jul 2023 19:06
 Operator : MA/JU
 Sample : 03632-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-(9-11)

Quant Time: Jul 29 01:17:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

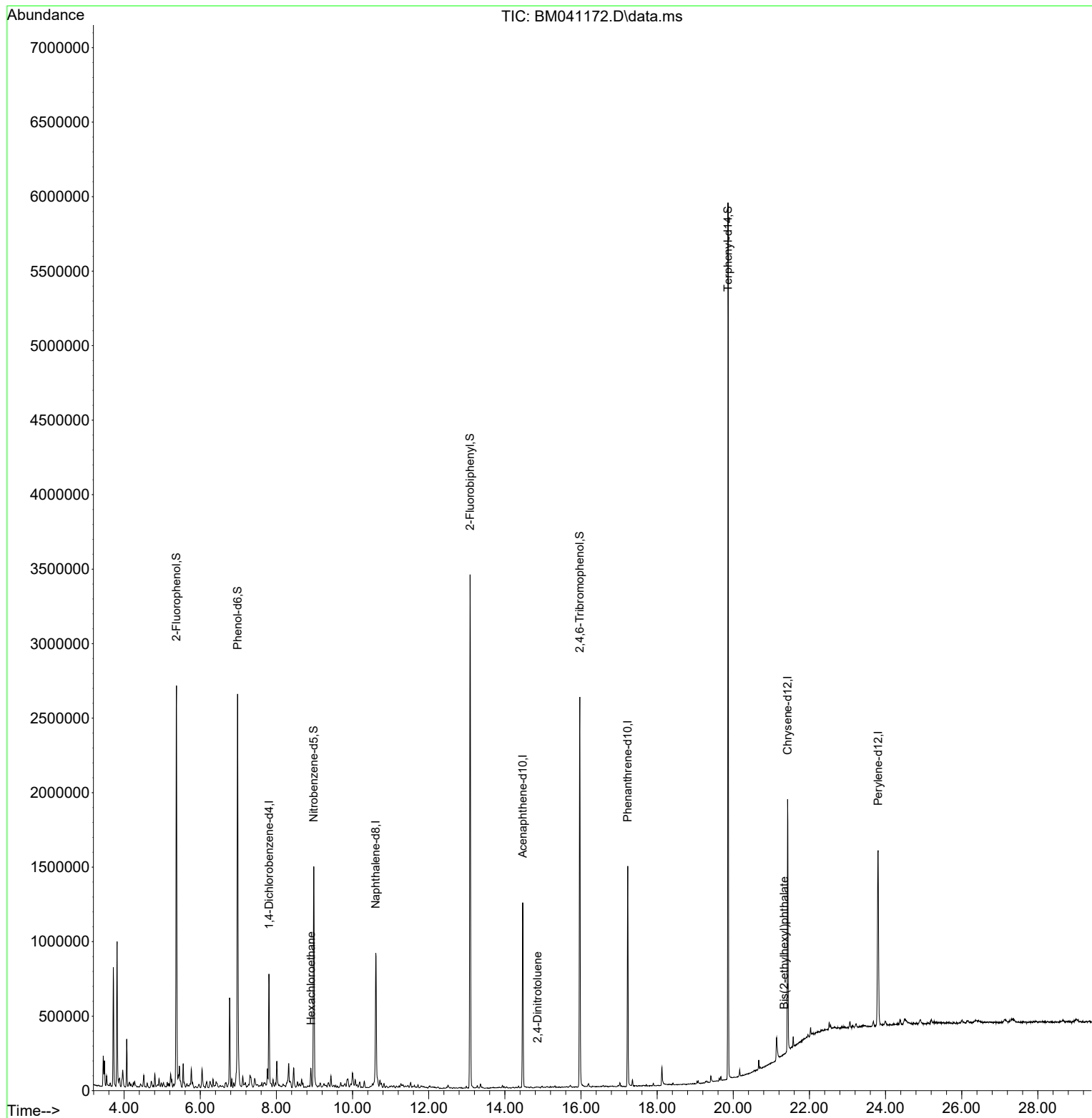
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	192396	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	716739	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	391449	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	805747	20.000	ng	0.00
76) Chrysene-d12	21.427	240	744958	20.000	ng	0.00
86) Perylene-d12	23.803	264	869575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1078431	83.776	ng	0.00
7) Phenol-d6	6.981	99	1373011	82.284	ng	0.00
23) Nitrobenzene-d5	8.981	82	819569	53.177	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	444903	80.353	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1666740	53.787	ng	0.00
79) Terphenyl-d14	19.862	244	2534705	61.519	ng	0.00
Target Compounds						
18) Hexachloroethane	8.910	117	11728	2.291	ng	# 1
57) 2,4-Dinitrotoluene	14.857	165	120	2.683	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.339	149	1425	2.584	ng	# 80

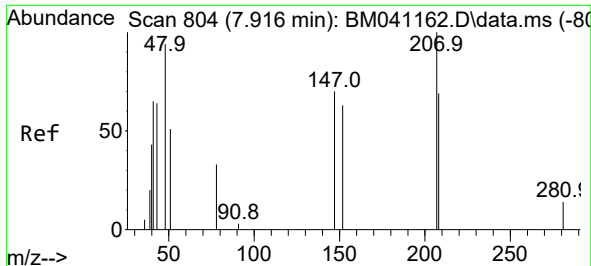
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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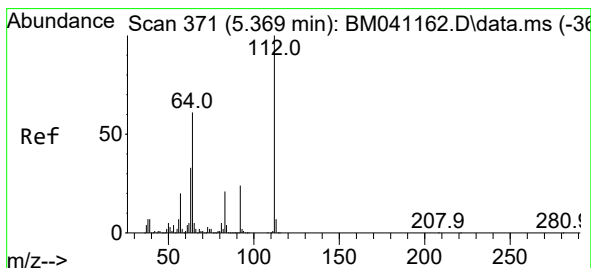
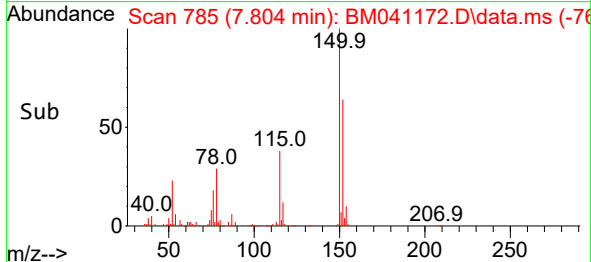
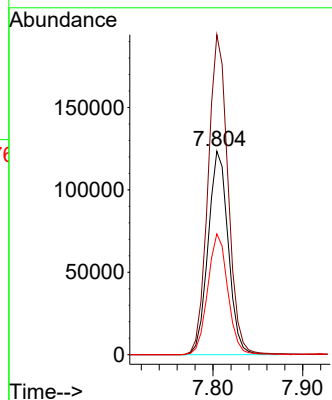
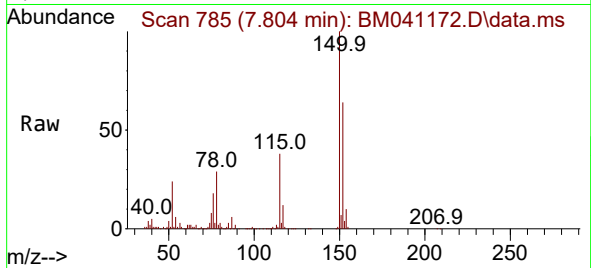




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

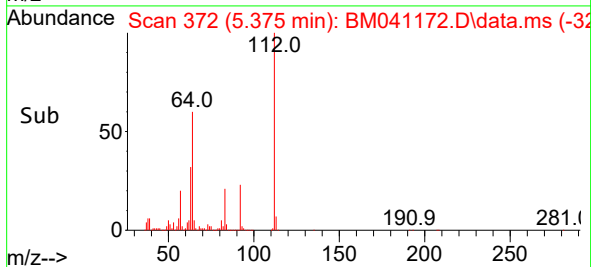
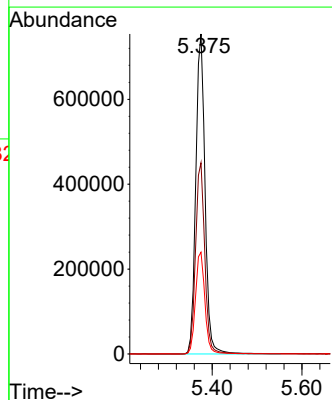
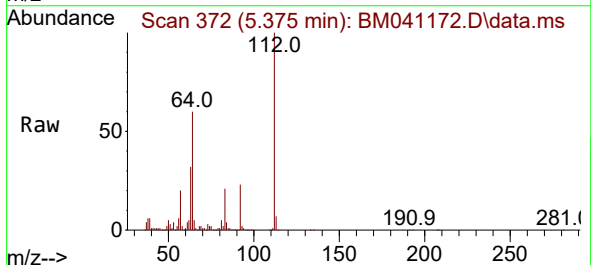
Instrument :
BNA_M
ClientSampleId :
SB-10-(9-11)

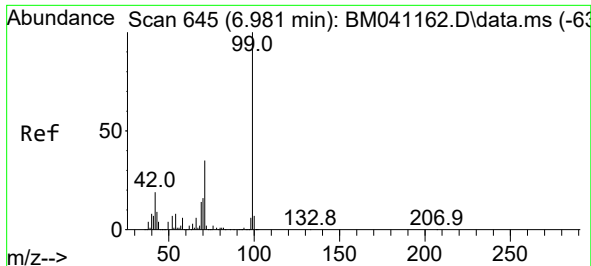
Tgt Ion:152 Resp: 192396
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 59.4 48.0 72.0



#5
2-Fluorophenol
Concen: 83.776 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.006 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

Tgt Ion:112 Resp: 1078431
Ion Ratio Lower Upper
112 100
64 59.7 48.5 72.7
63 31.8 26.5 39.7

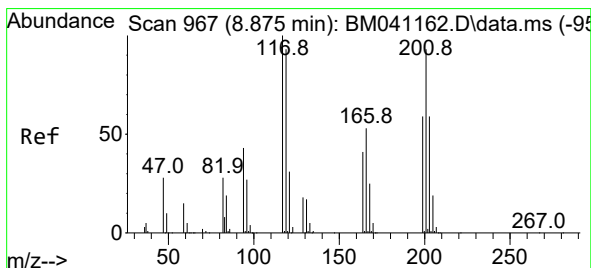
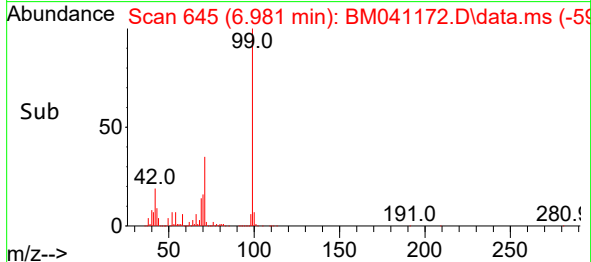
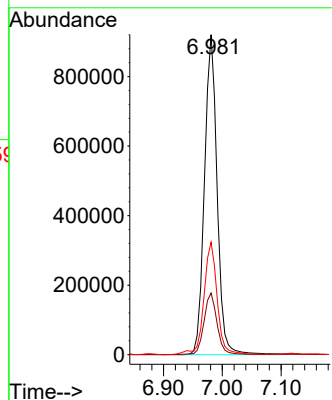
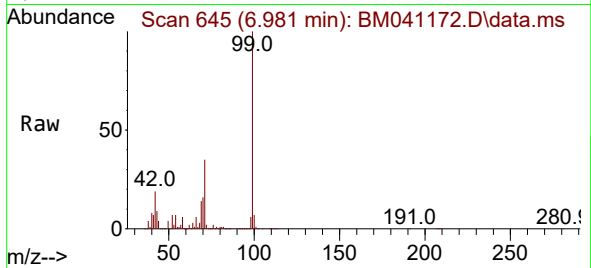




#7
Phenol-d6
Concen: 82.284 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

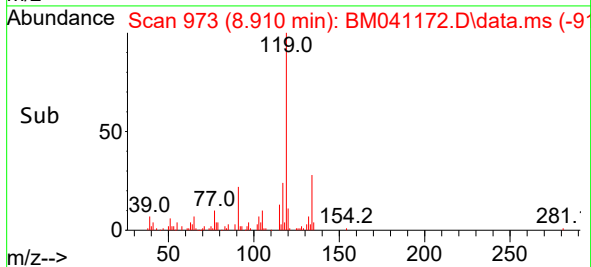
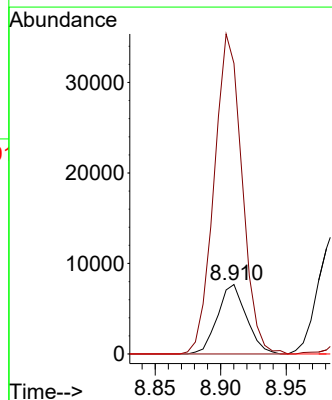
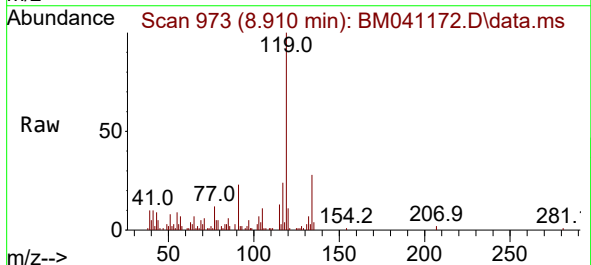
Instrument :
BNA_M
ClientSampleId :
SB-10-(9-11)

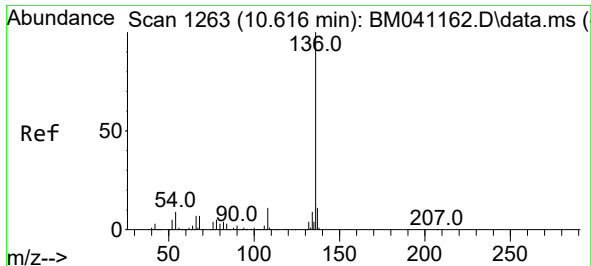
Tgt Ion: 99 Resp: 1373011
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 35.1 28.2 42.4



#18
Hexachloroethane
Concen: 2.291 ng
RT: 8.910 min Scan# 973
Delta R.T. 0.035 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

Tgt Ion: 117 Resp: 11728
Ion Ratio Lower Upper
117 100
119 418.0 74.2 111.4#
201 0.0 74.5 111.7#

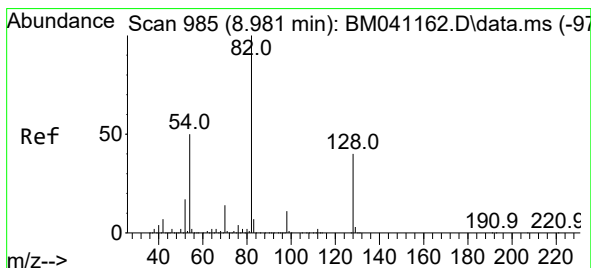
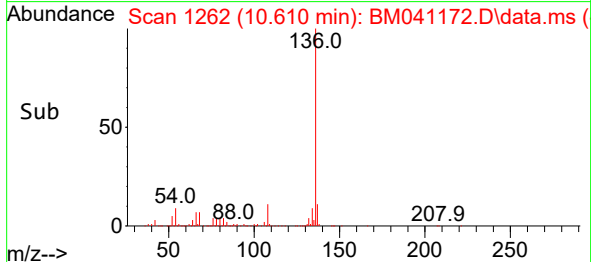
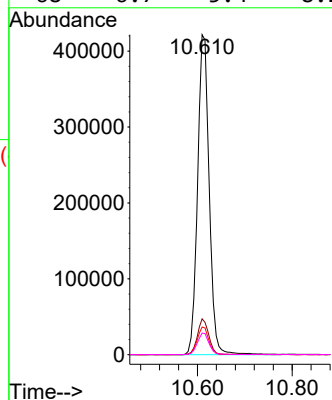
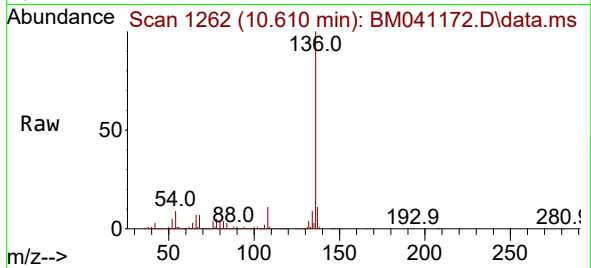




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

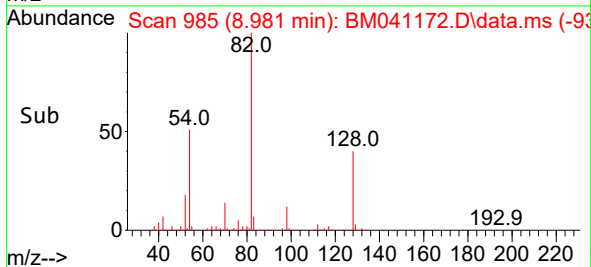
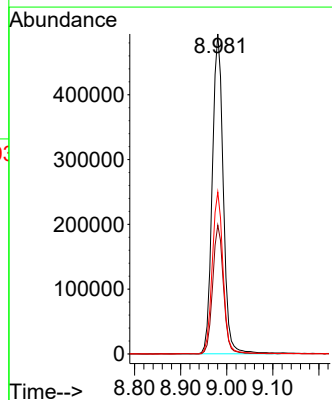
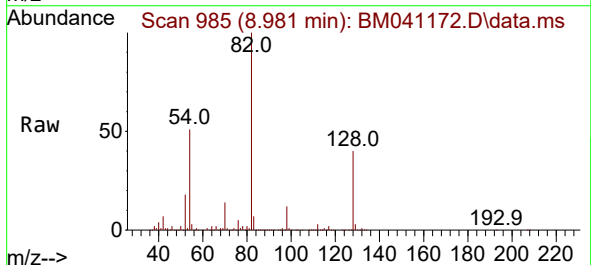
Instrument :
BNA_M
ClientSampleId :
SB-10-(9-11)

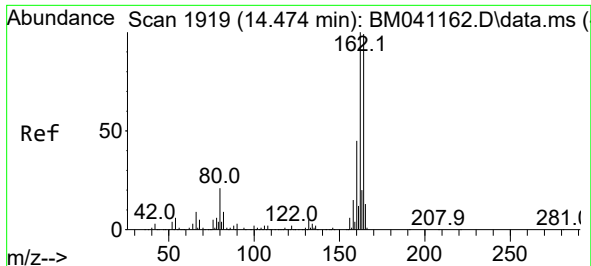
Tgt Ion:136 Resp: 716739
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 6.9 10.3
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 53.177 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

Tgt Ion: 82 Resp: 819569
Ion Ratio Lower Upper
82 100
128 40.3 31.8 47.6
54 50.6 40.1 60.1

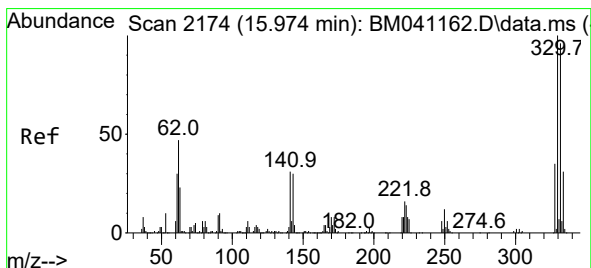
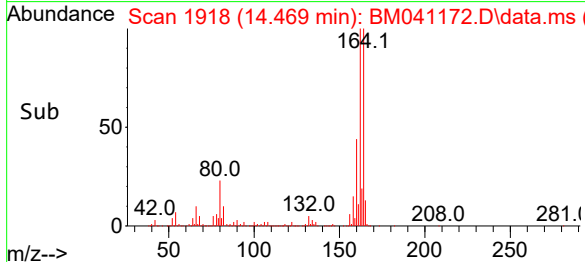
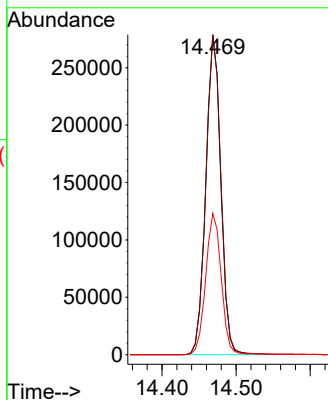
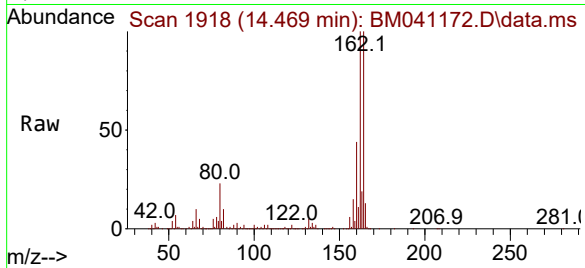




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

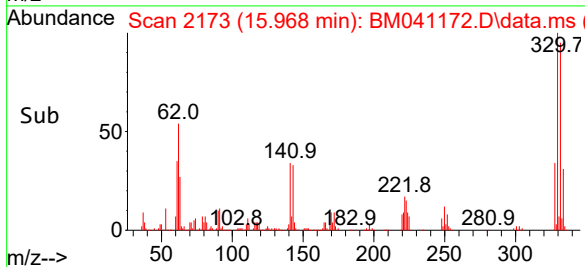
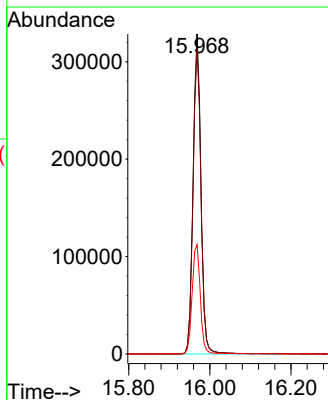
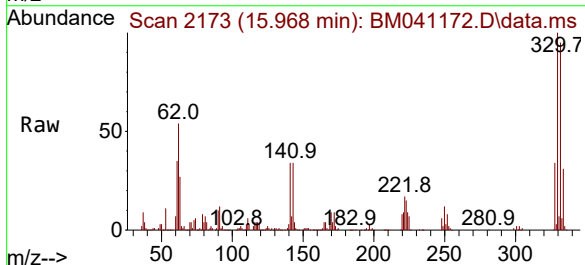
Instrument :
BNA_M
ClientSampleId :
SB-10-(9-11)

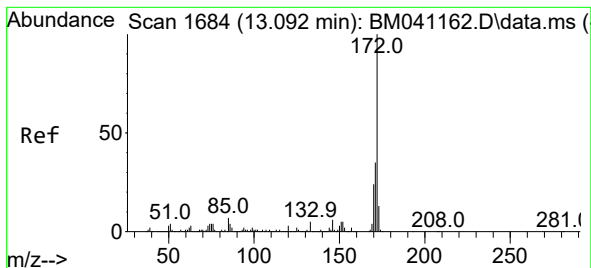
Tgt Ion:164 Resp: 391449
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 80.353 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

Tgt Ion:330 Resp: 444903
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 35.6 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 53.787 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

Instrument :

BNA_M

ClientSampleId :

SB-10-(9-11)

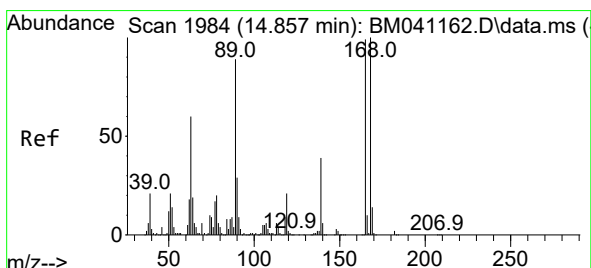
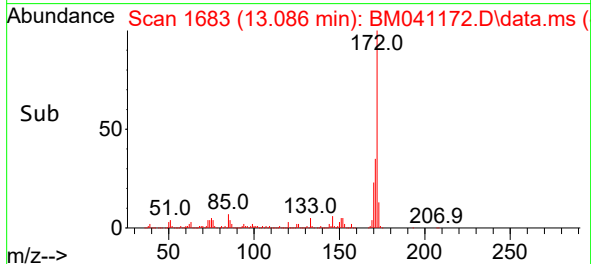
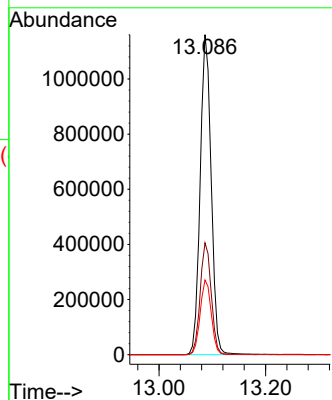
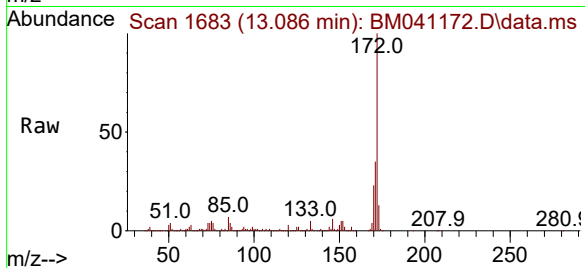
Tgt Ion:172 Resp: 1666740

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.3 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.683 ng

RT: 14.857 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

Tgt Ion:165 Resp: 120

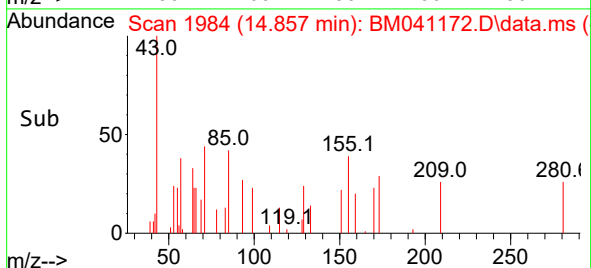
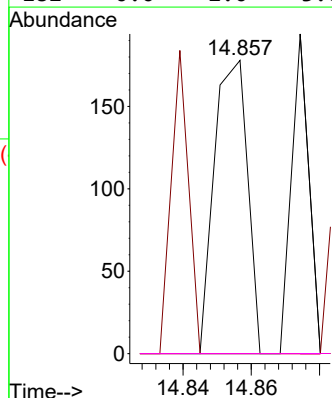
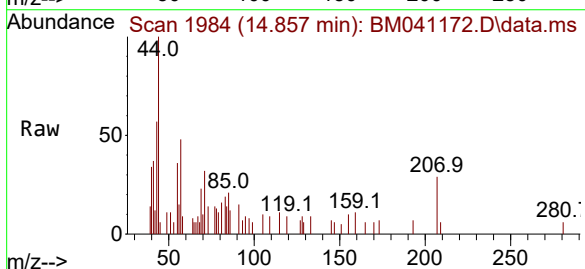
Ion Ratio Lower Upper

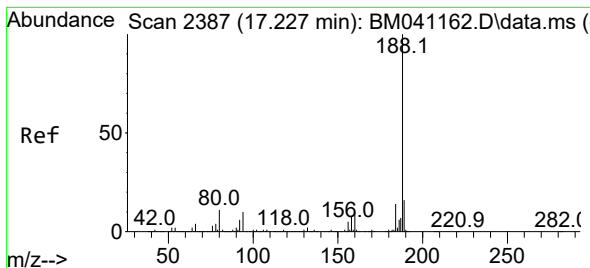
165 100

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: 17.227 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

Instrument :

BNA_M

ClientSampleId :

SB-10-(9-11)

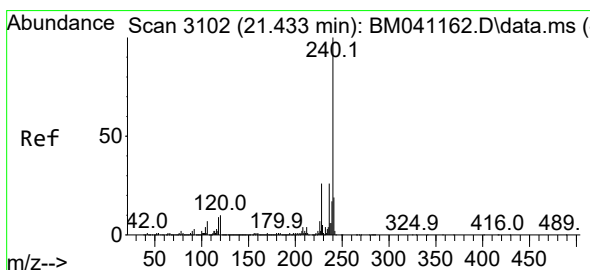
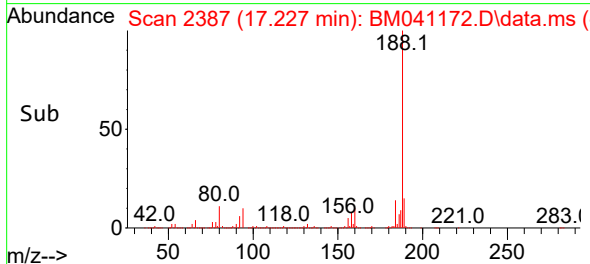
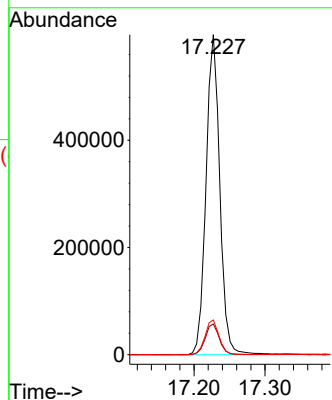
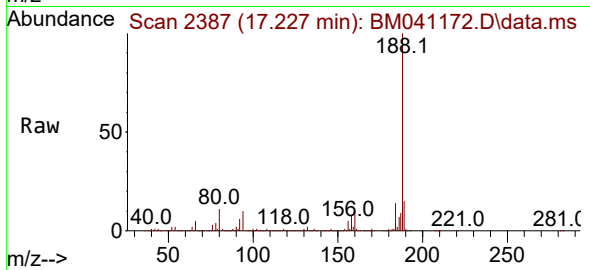
Tgt Ion:188 Resp: 805747

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 10.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

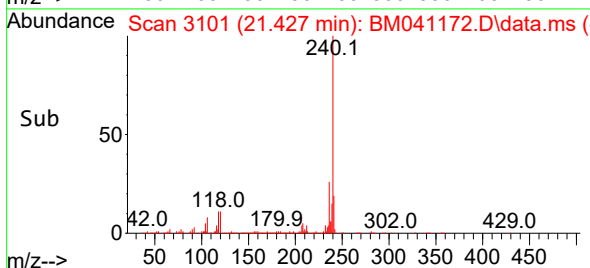
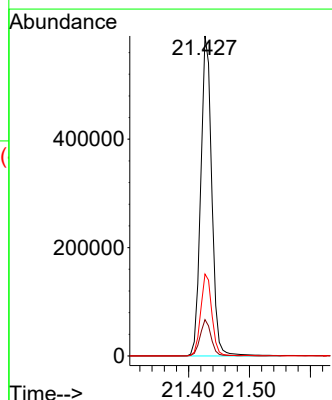
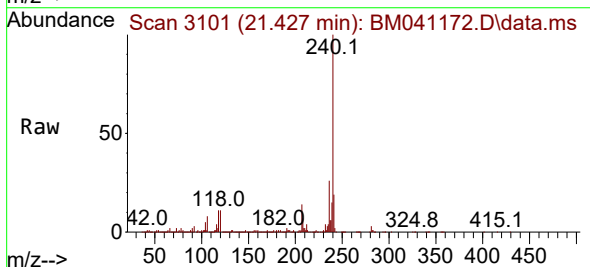
Tgt Ion:240 Resp: 744958

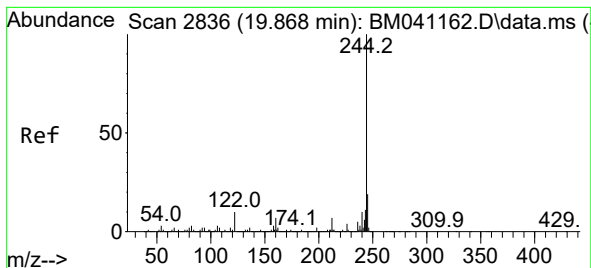
Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 61.519 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

Instrument :

BNA_M

ClientSampleId :

SB-10-(9-11)

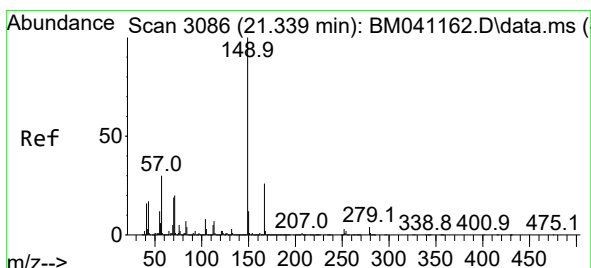
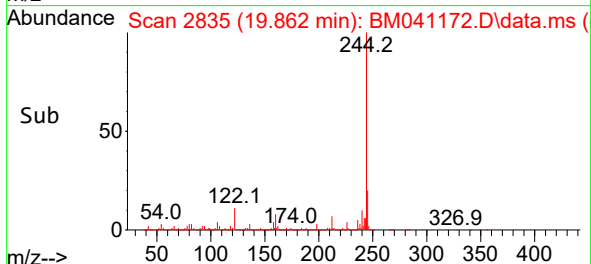
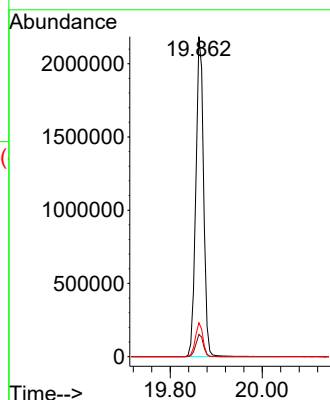
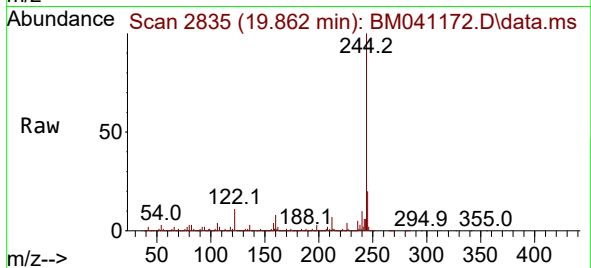
Tgt Ion:244 Resp: 2534705

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.6 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.584 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041172.D

Acq: 28 Jul 2023 19:06

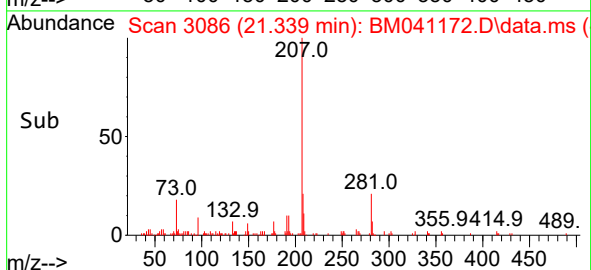
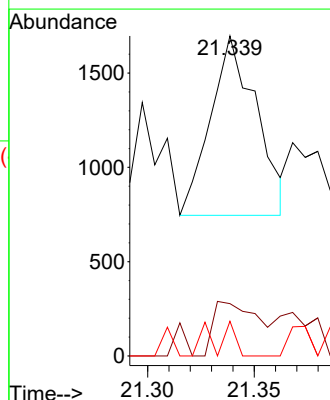
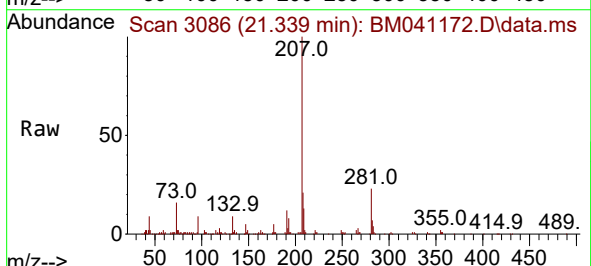
Tgt Ion:149 Resp: 1425

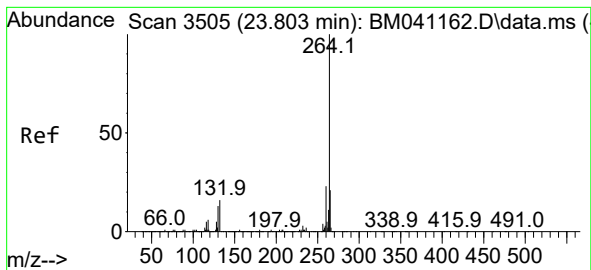
Ion Ratio Lower Upper

149 100

167 16.3 21.0 31.6#

279 10.8 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041172.D
Acq: 28 Jul 2023 19:06

Instrument :
BNA_M
ClientSampleId :
SB-10-(9-11)

Tgt Ion:264 Resp: 869575

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.1	17.4	26.0

