

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041907.D
 Acq On : 19 Sep 2023 16:31
 Operator : MA/JU
 Sample : 04356-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DISCHARGE-BAY-STREET-SPRING-STREET

Quant Time: Sep 19 17:39:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	293974	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1216203	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	779553	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1688409	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1559185	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1724147	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1307683	74.091	ng	0.00
7) Phenol-d6	7.104	99	1116897	45.576	ng	0.00
23) Nitrobenzene-d5	9.157	82	2390525	100.077	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1701704	174.956	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5449957	102.613	ng	0.00
79) Terphenyl-d14	19.974	244	9118323	106.512	ng	0.00

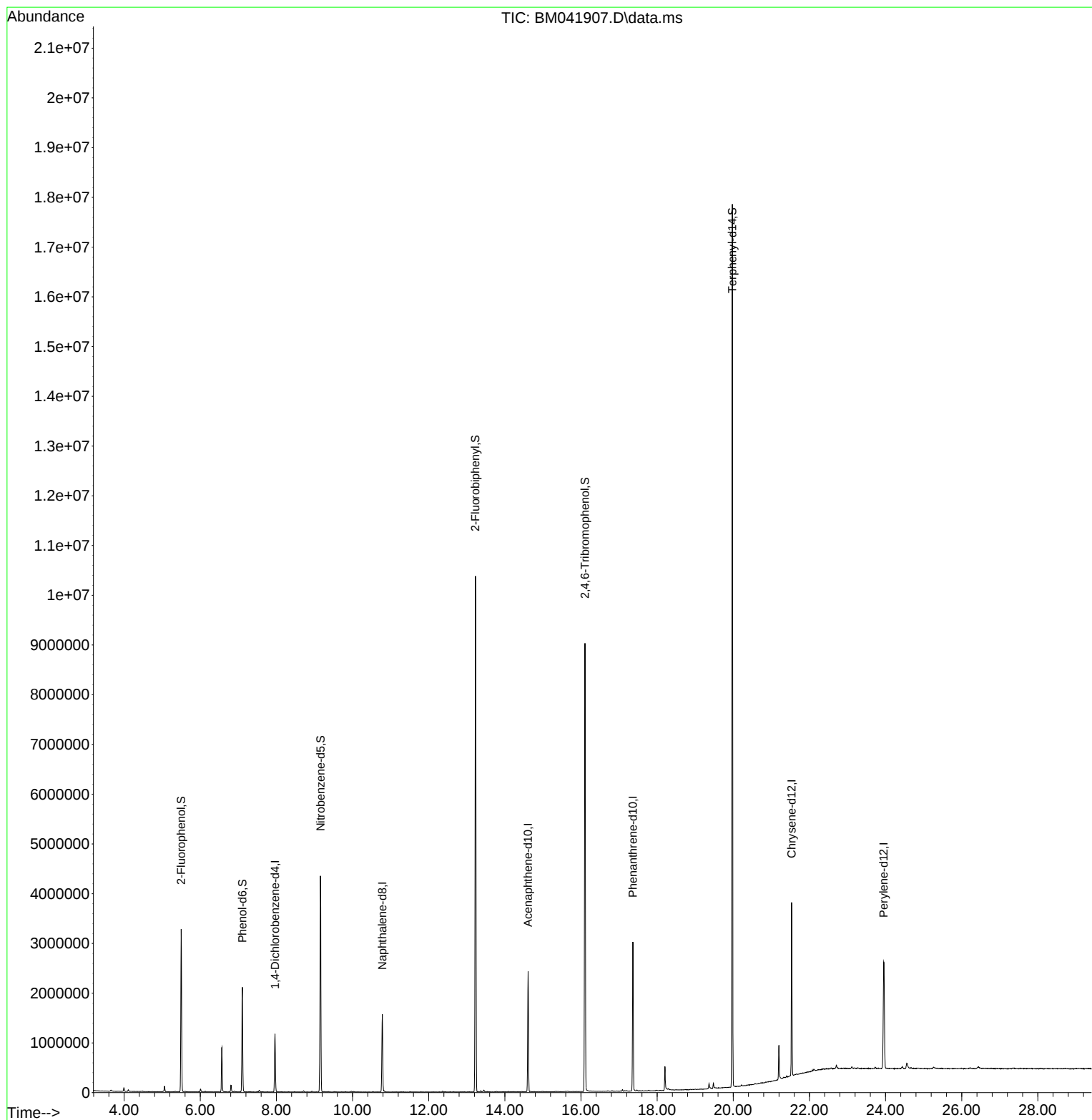
Target Compounds	Qvalue

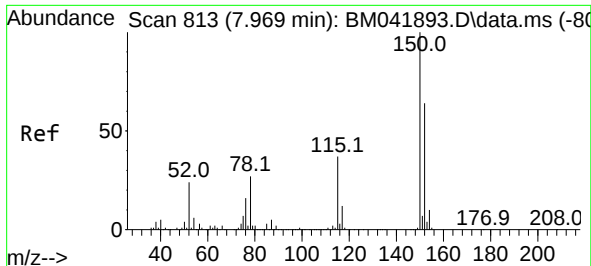
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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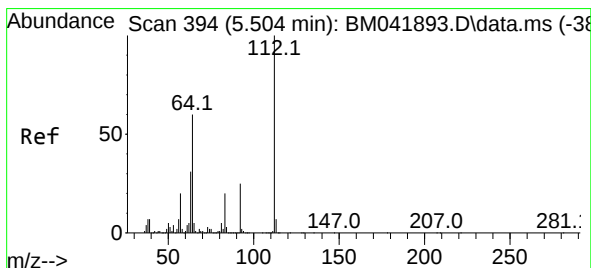
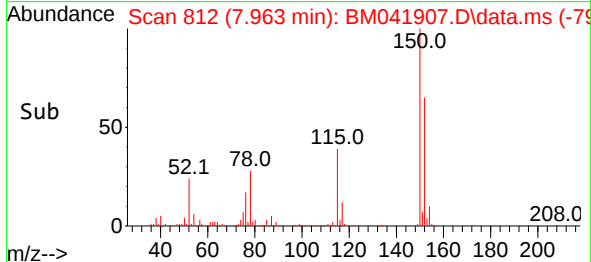
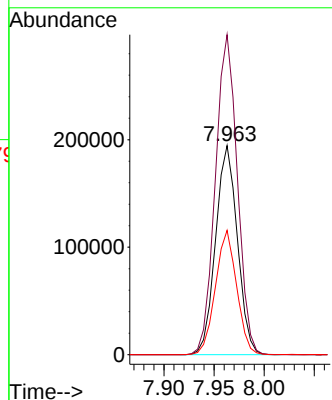
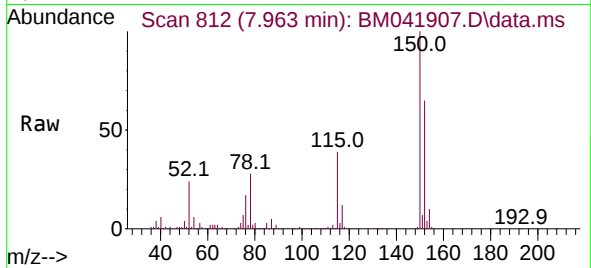




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

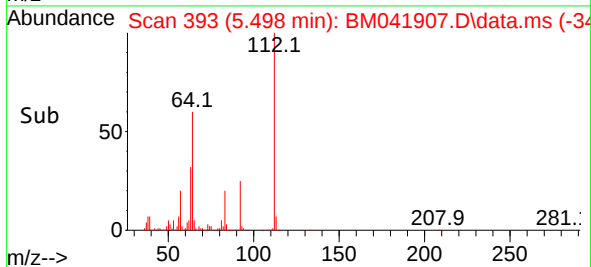
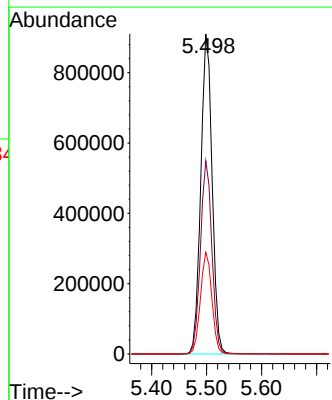
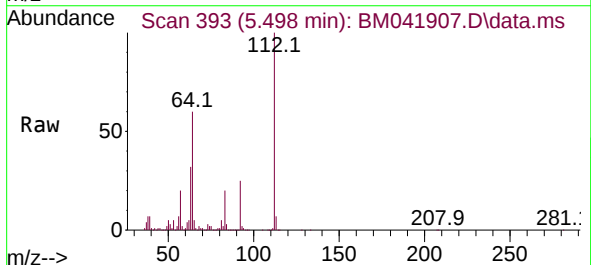
Instrument :
BNA_M
ClientSampleId :
DISCHARGE-BAY-STREET-SPRING-STREET

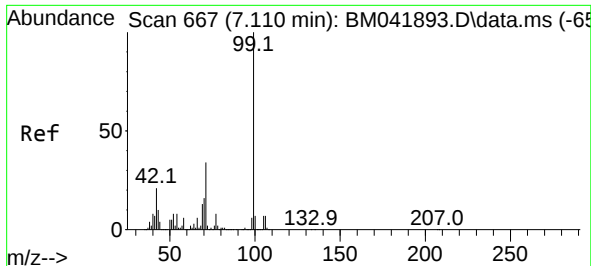
Tgt Ion:152 Resp: 293974
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 59.5 46.8 70.2



#5
2-Fluorophenol
Concen: 74.091 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

Tgt Ion:112 Resp: 1307683
Ion Ratio Lower Upper
112 100
64 60.3 48.1 72.1
63 31.7 25.0 37.6

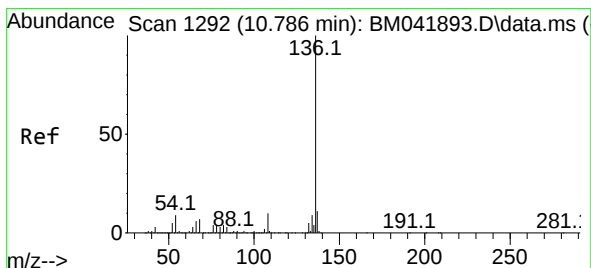
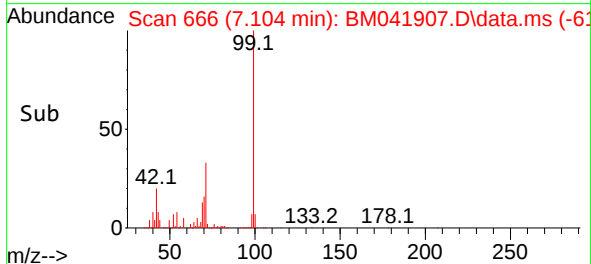
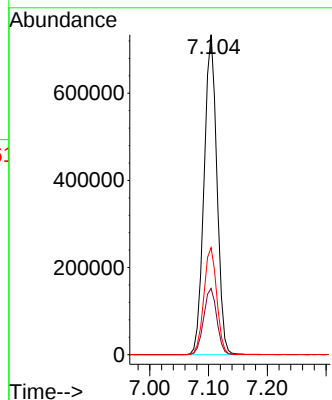
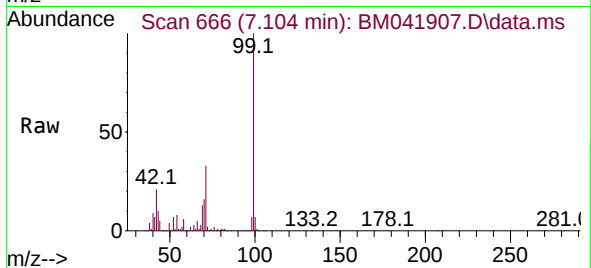




#7
Phenol-d6
Concen: 45.576 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

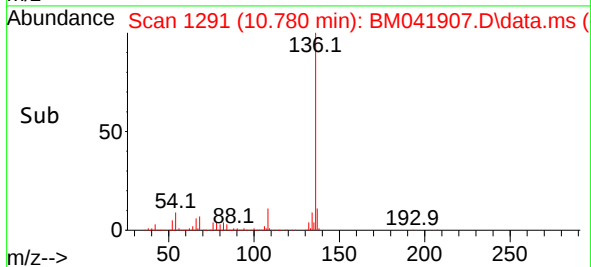
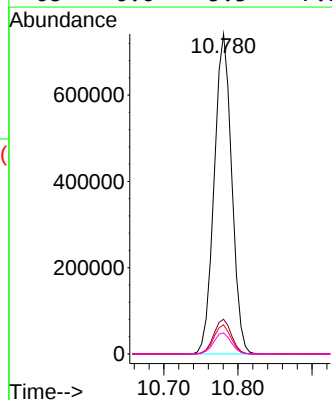
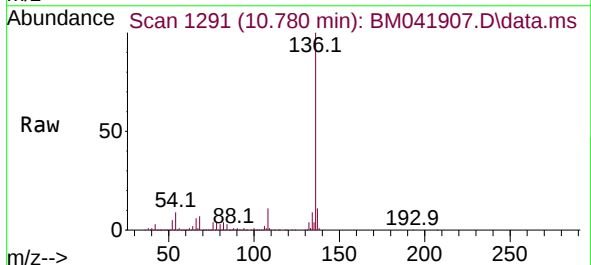
Instrument :
BNA_M
ClientSampleId :
DISCHARGE-BAY-STREET-SPRING-STREET

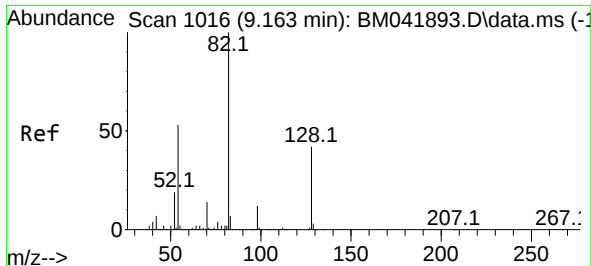
Tgt Ion: 99 Resp: 1116897
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.5 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

Tgt Ion:136 Resp: 1216203
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.0 10.4
68 6.6 5.3 7.9

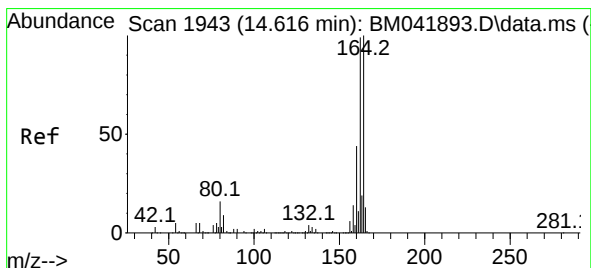
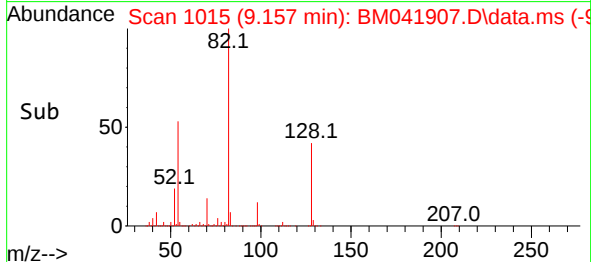
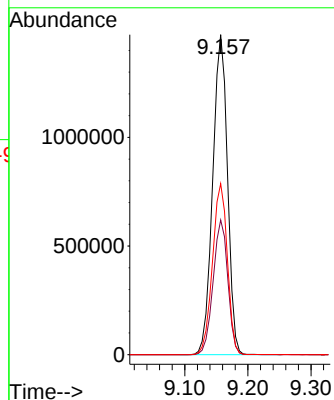
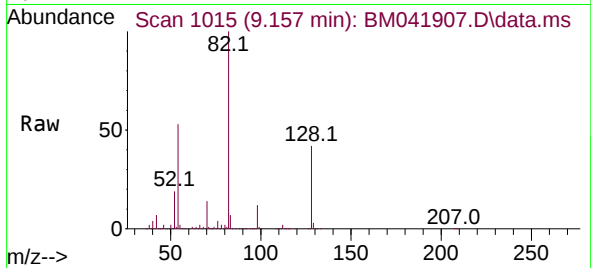




#23
Nitrobenzene-d5
Concen: 100.077 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

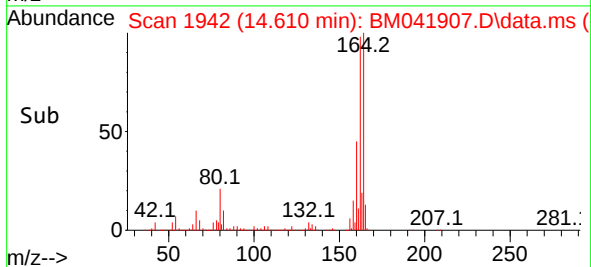
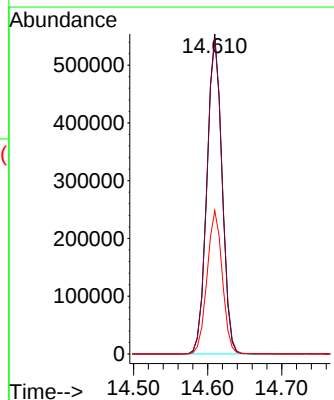
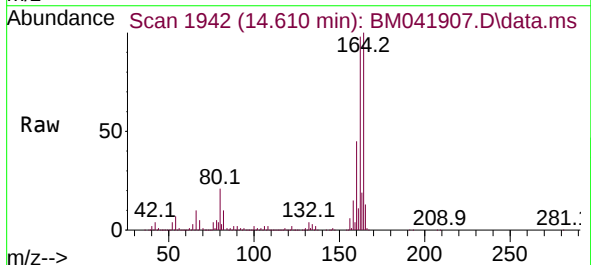
Instrument :
BNA_M
ClientSampleId :
DISCHARGE-BAY-STREET-SPRING-STREET

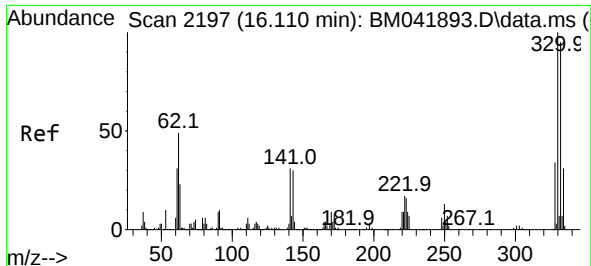
Tgt Ion: 82 Resp: 2390525
Ion Ratio Lower Upper
82 100
128 42.1 33.8 50.6
54 53.5 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

Tgt Ion:164 Resp: 779553
Ion Ratio Lower Upper
164 100
162 98.3 79.3 118.9
160 44.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 174.956 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041907.D

Acq: 19 Sep 2023 16:31

Instrument :

BNA_M

ClientSampleId :

DISCHARGE-BAY-STREET-SPRING-STREET

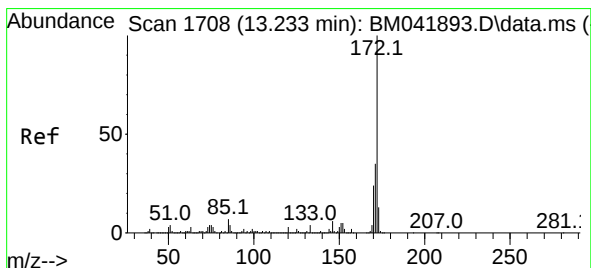
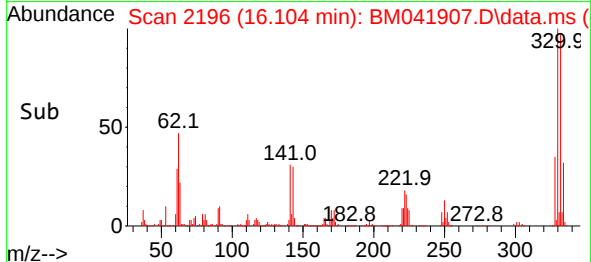
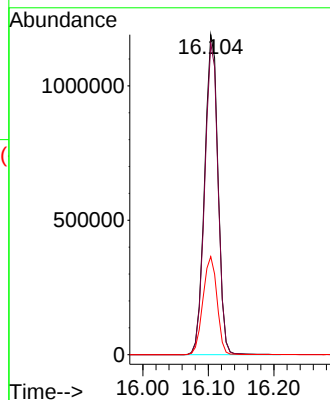
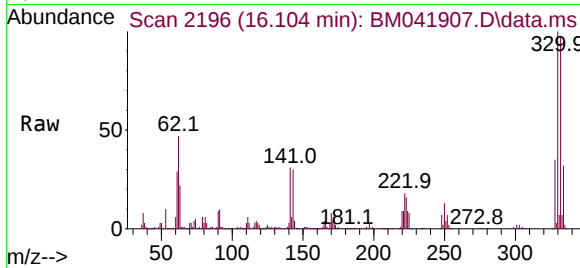
Tgt Ion:330 Resp: 1701704

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 32.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 102.613 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041907.D

Acq: 19 Sep 2023 16:31

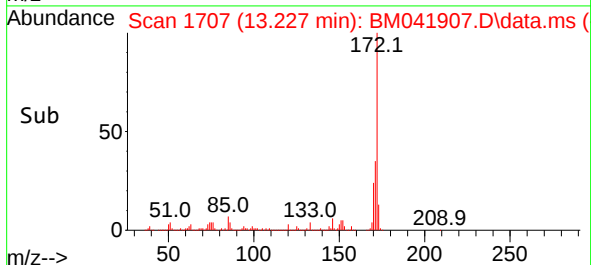
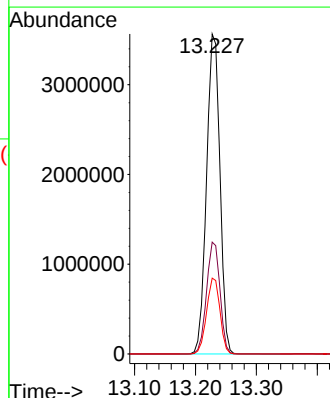
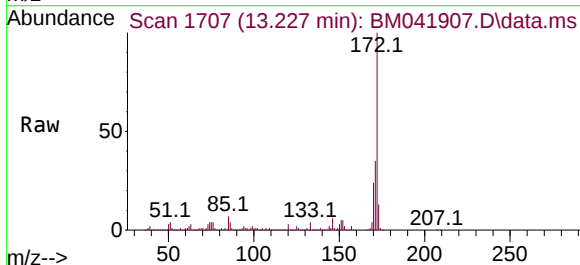
Tgt Ion:172 Resp: 5449957

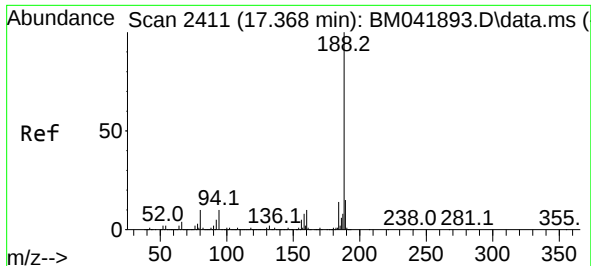
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.7 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

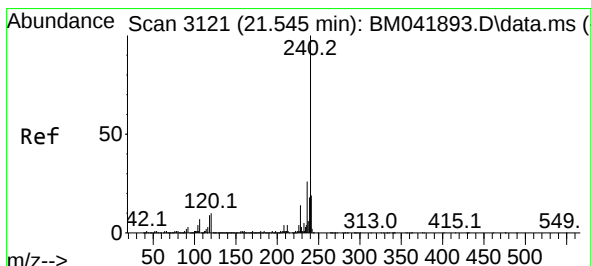
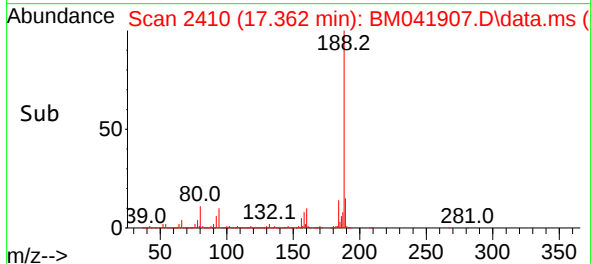
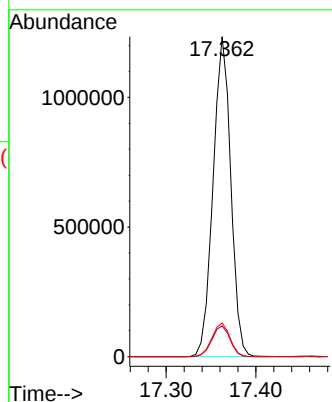
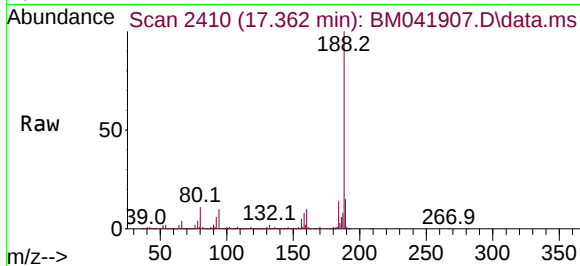
Instrument :

BNA_M

ClientSampleId :

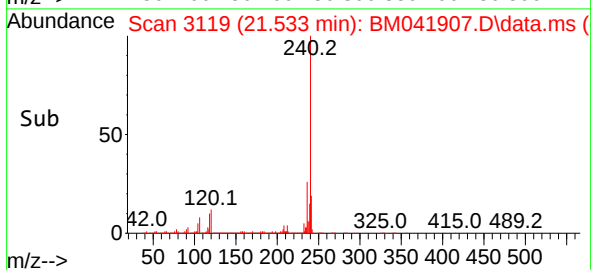
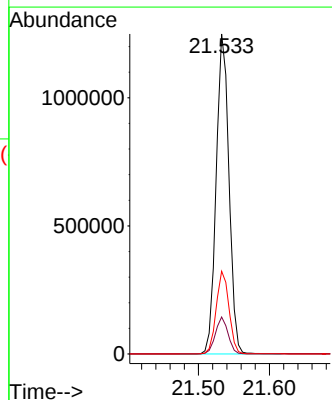
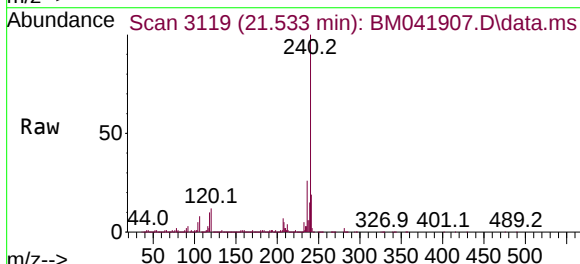
DISCHARGE-BAY-STREET-SPRING-STREET

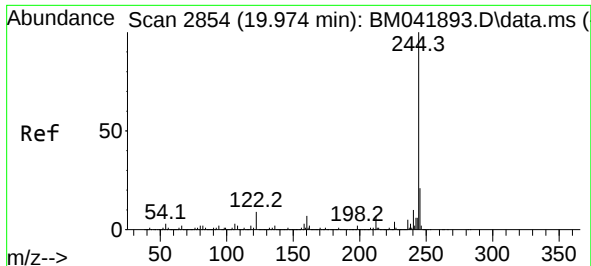
Tgt Ion:188 Resp: 1688409
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041907.D
Acq: 19 Sep 2023 16:31

Tgt Ion:240 Resp: 1559185
Ion Ratio Lower Upper
240 100
120 11.6 8.1 12.1
236 25.9 20.7 31.1

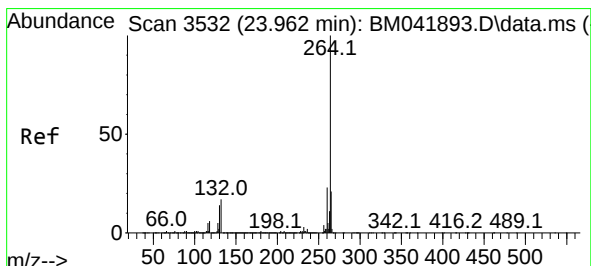
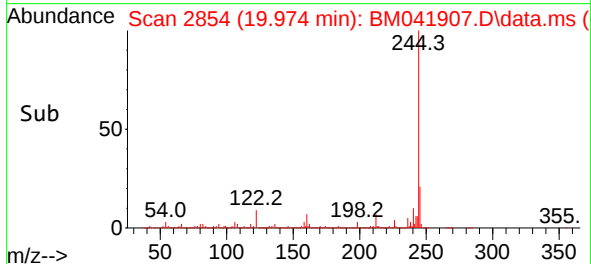
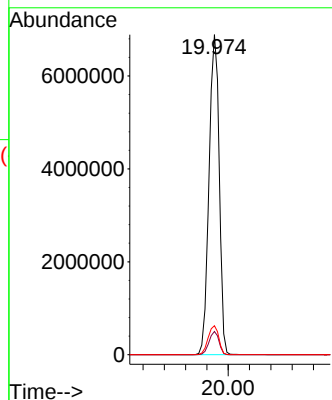
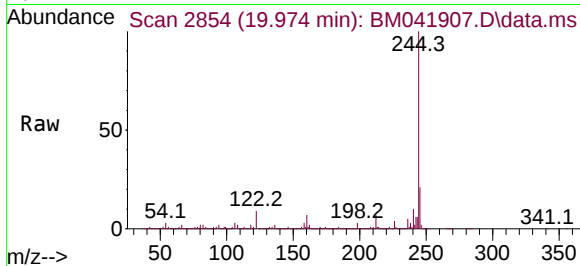




#79
 Terphenyl-d14
 Concen: 106.512 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041907.D
 Acq: 19 Sep 2023 16:31

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Tgt Ion:244 Resp: 9118323
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.950 min Scan# 3530
 Delta R.T. -0.012 min
 Lab File: BM041907.D
 Acq: 19 Sep 2023 16:31

Tgt Ion:264 Resp: 1724147
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.0 17.0 25.6

