

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041913.D
 Acq On : 19 Sep 2023 21:26
 Operator : MA/JU
 Sample : PB155480BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155480BL

Quant Time: Sep 20 02:11:29 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	265269	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1059884	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	664145	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1426061	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1142203	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1125172	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2566509	161.149	ng	0.00
7) Phenol-d6	7.110	99	3351700	151.570	ng	0.00
23) Nitrobenzene-d5	9.157	82	2057089	98.819	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1268853	153.122	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4507362	99.613	ng	0.00
79) Terphenyl-d14	19.974	244	6813546	108.645	ng	0.00

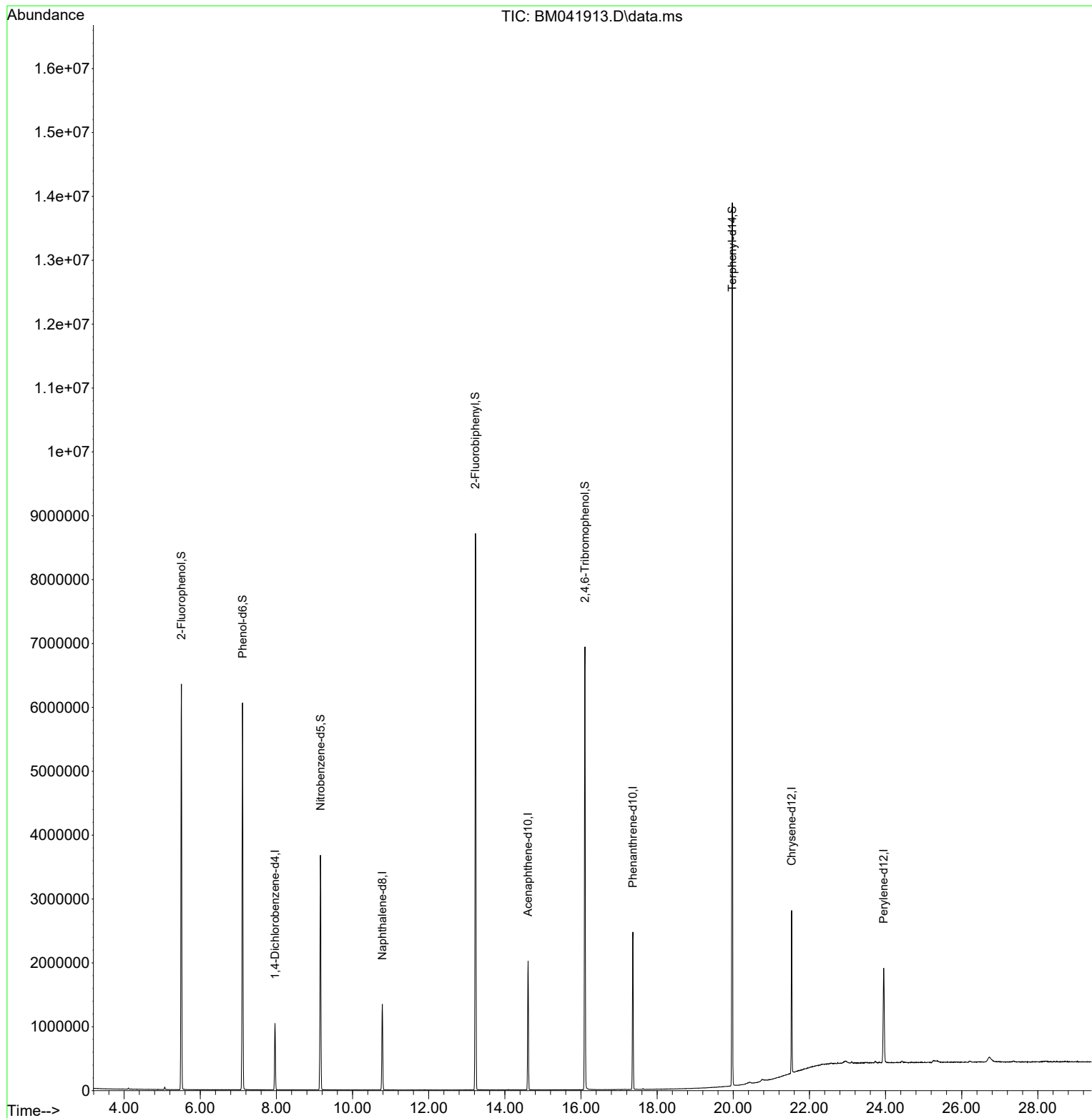
Target Compounds	Qvalue

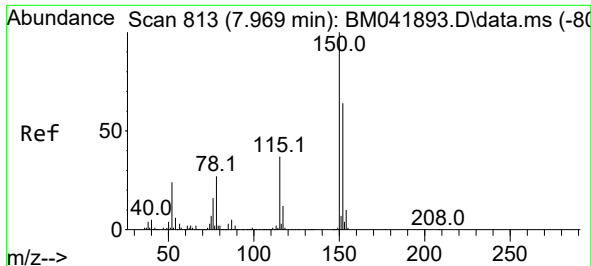
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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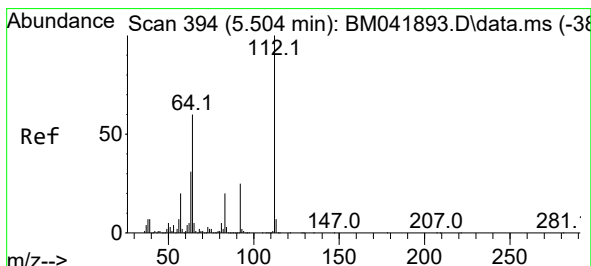
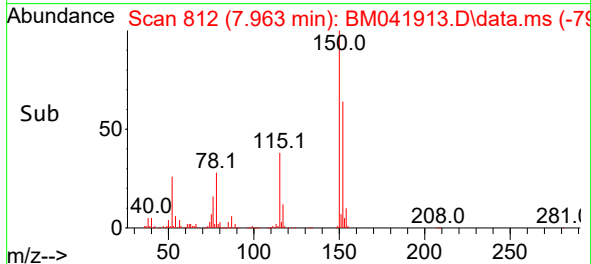
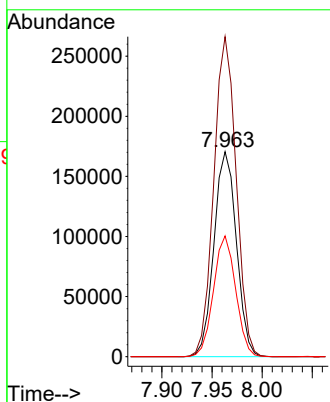
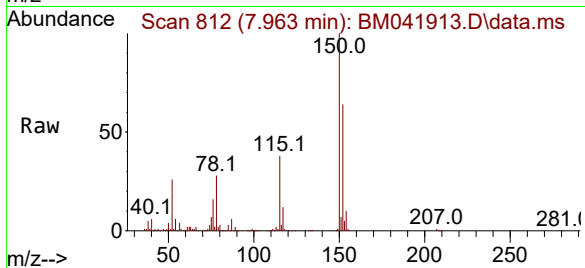




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

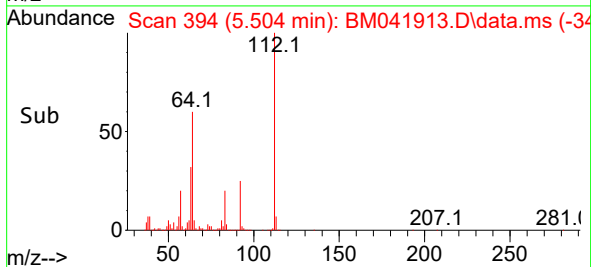
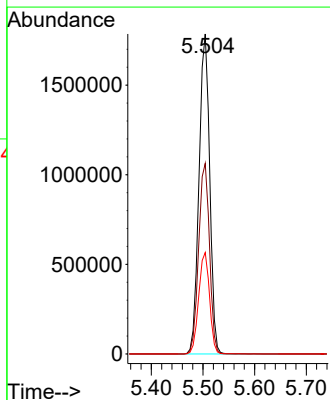
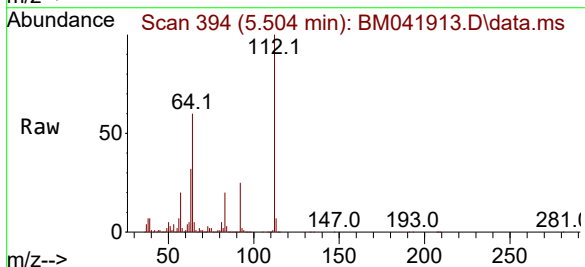
Instrument :
BNA_M
ClientSampleId :
PB155480BL

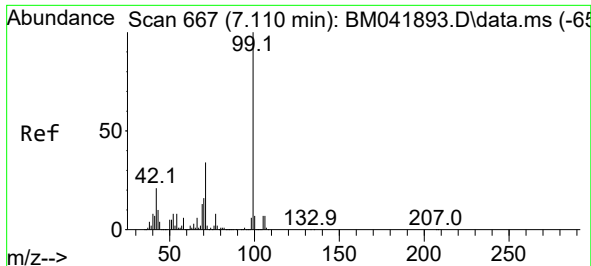
Tgt Ion:152 Resp: 265269
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 59.0 46.8 70.2



#5
2-Fluorophenol
Concen: 161.149 ng
RT: 5.504 min Scan# 394
Delta R.T. -0.000 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

Tgt Ion:112 Resp: 2566509
Ion Ratio Lower Upper
112 100
64 59.6 48.1 72.1
63 31.7 25.0 37.6

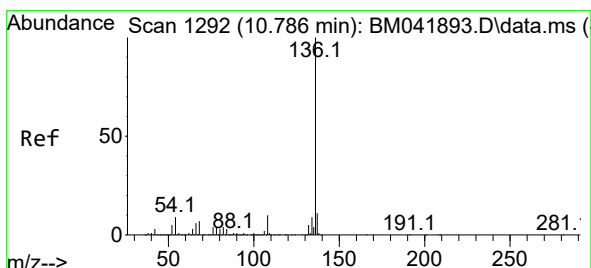
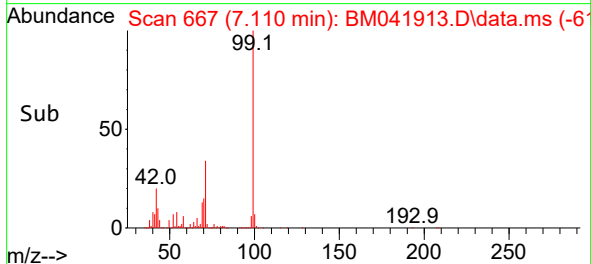
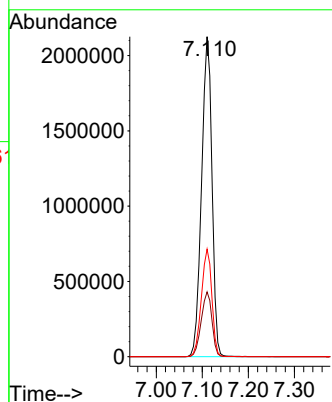
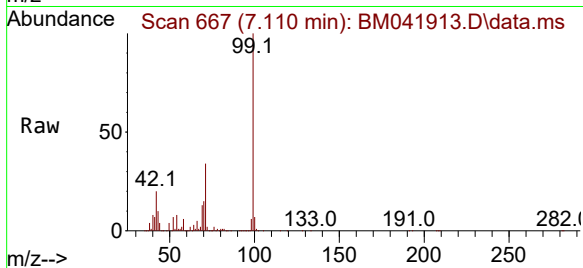




#7
Phenol-d6
Concen: 151.570 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

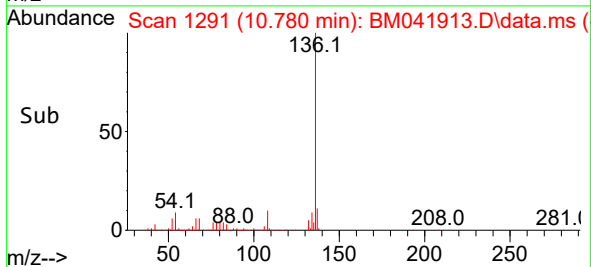
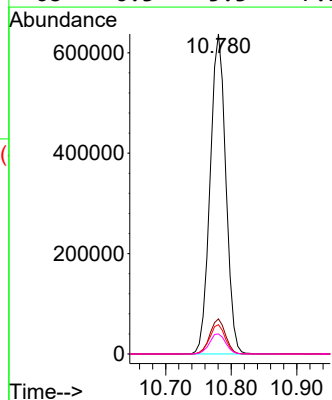
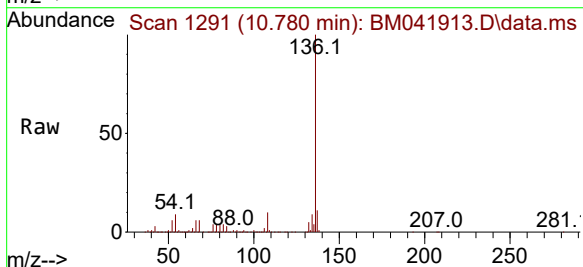
Instrument :
BNA_M
ClientSampleId :
PB155480BL

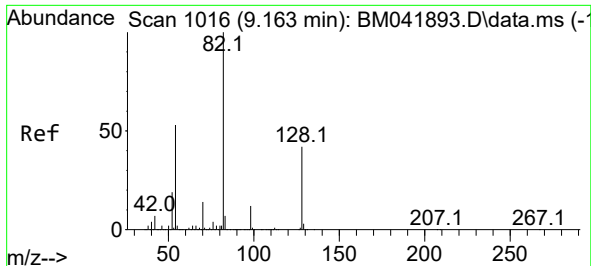
Tgt Ion: 99 Resp: 3351700
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.6 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

Tgt Ion:136 Resp: 1059884
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.0 10.4
68 6.3 5.3 7.9





#23

Nitrobenzene-d5

Concen: 98.819 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041913.D

Acq: 19 Sep 2023 21:26

Instrument :

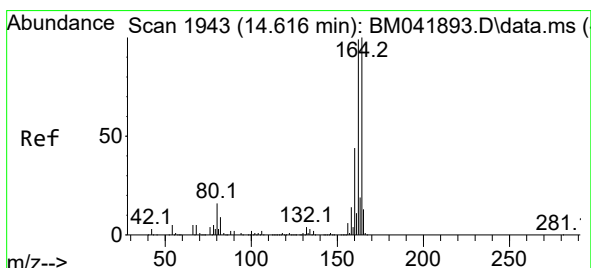
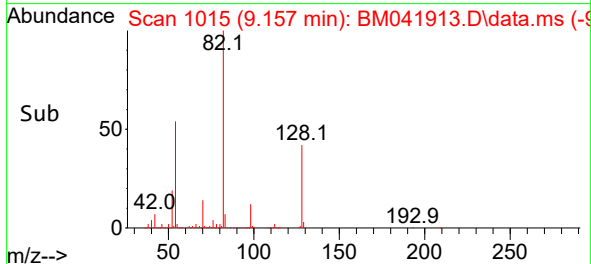
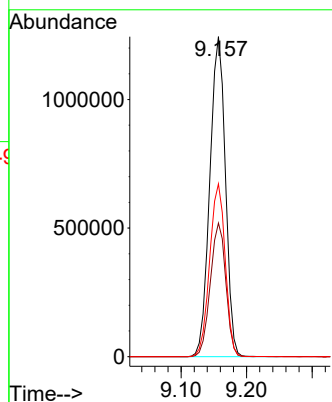
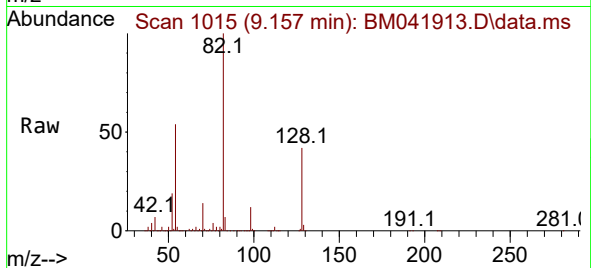
BNA_M

ClientSampleId :

PB155480BL

Tgt Ion: 82 Resp: 2057089

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	54.0	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

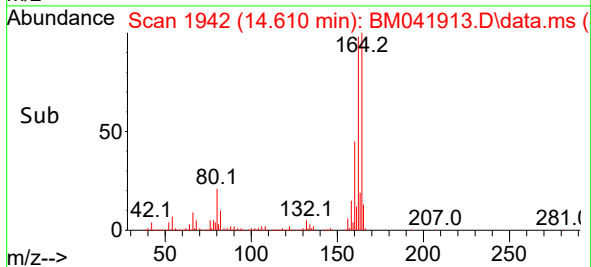
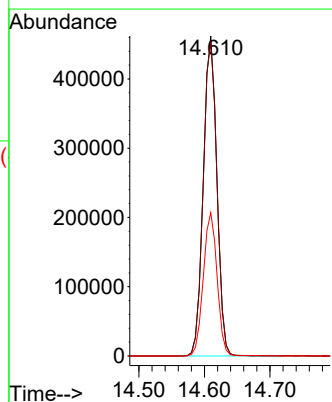
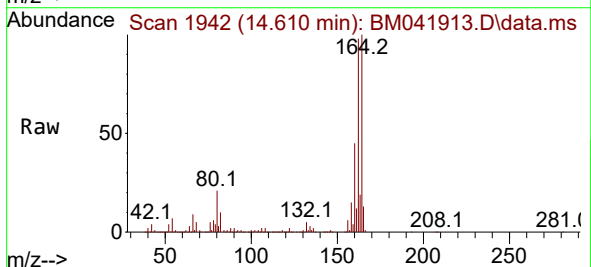
Delta R.T. -0.006 min

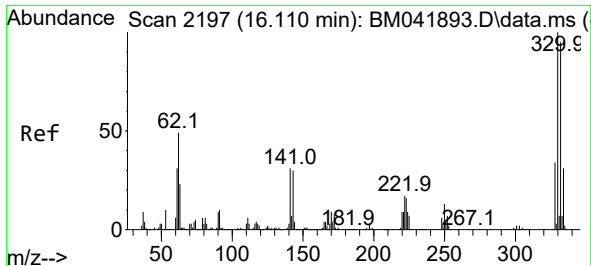
Lab File: BM041913.D

Acq: 19 Sep 2023 21:26

Tgt Ion: 164 Resp: 664145

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.3	118.9
160	44.8	35.6	53.4

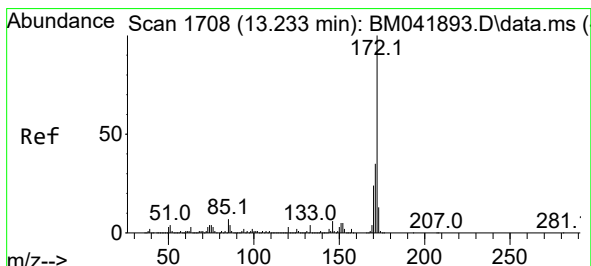
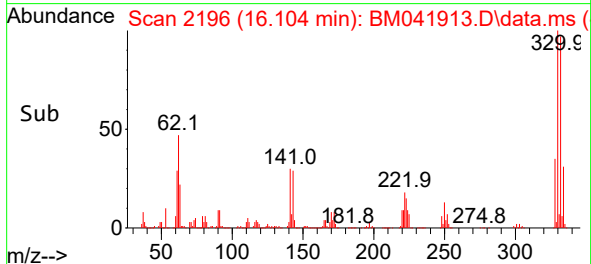
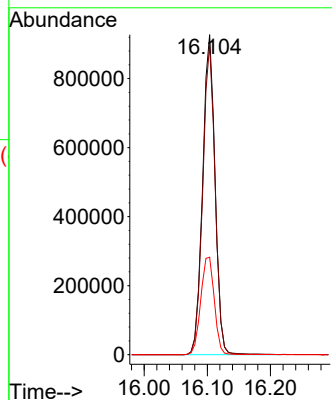
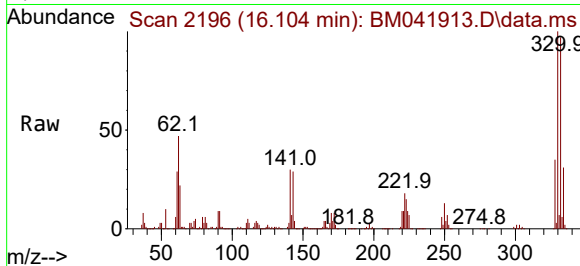




#42
2,4,6-Tribromophenol
Concen: 153.122 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

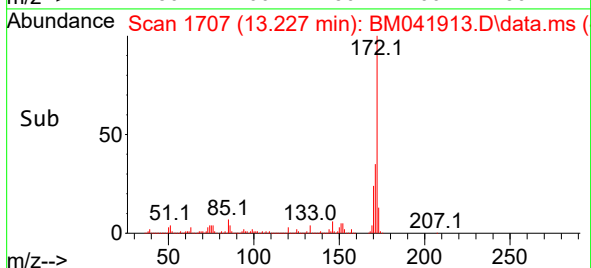
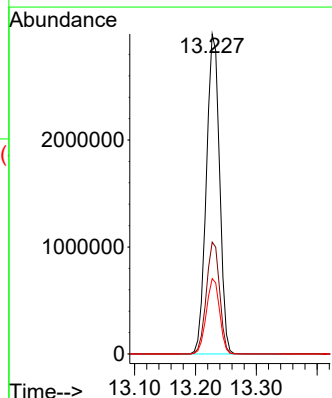
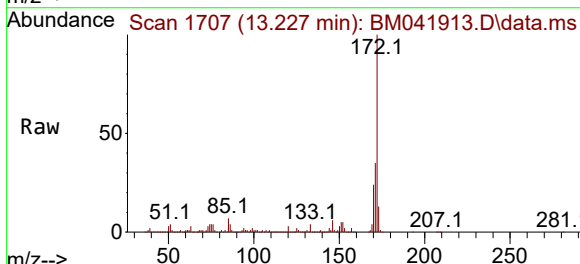
Instrument :
BNA_M
ClientSampleId :
PB155480BL

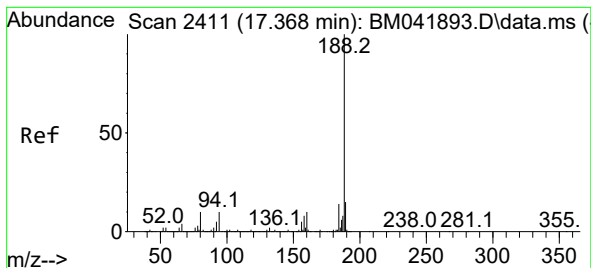
Tgt Ion:330 Resp: 1268853
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 33.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 99.613 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041913.D
Acq: 19 Sep 2023 21:26

Tgt Ion:172 Resp: 4507362
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.5 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: BM041913.D

Acq: 19 Sep 2023 21:26

Instrument :

BNA_M

ClientSampleId :

PB155480BL

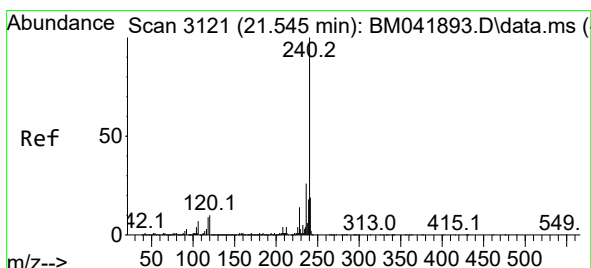
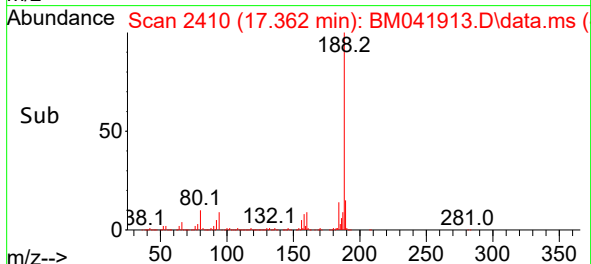
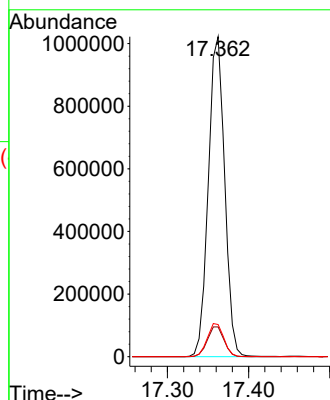
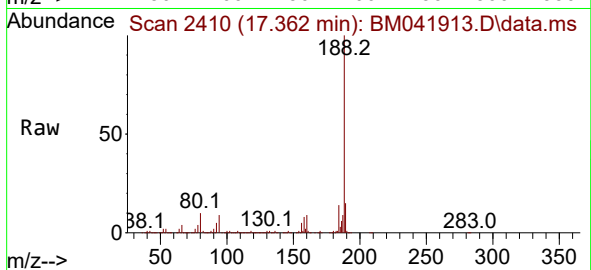
Tgt Ion:188 Resp: 1426061

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.0 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: BM041913.D

Acq: 19 Sep 2023 21:26

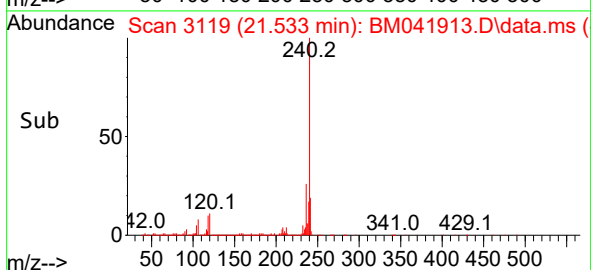
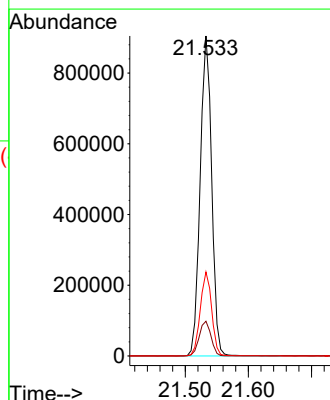
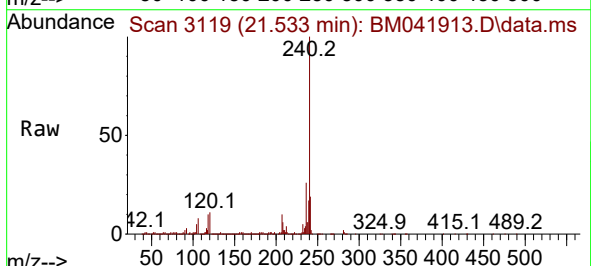
Tgt Ion:240 Resp: 1142203

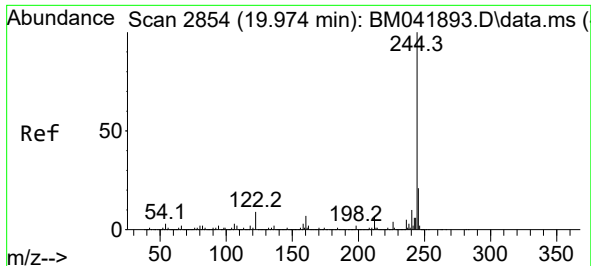
Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

236 26.3 20.7 31.1

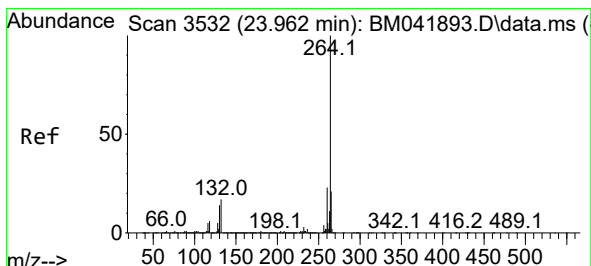
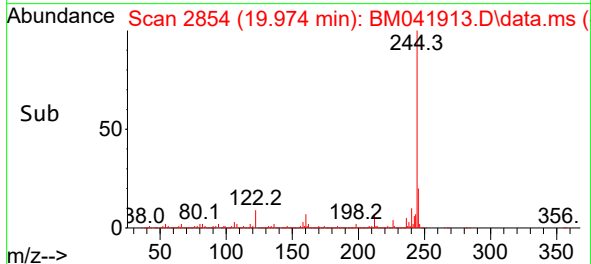
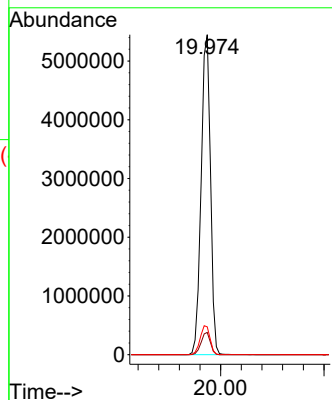
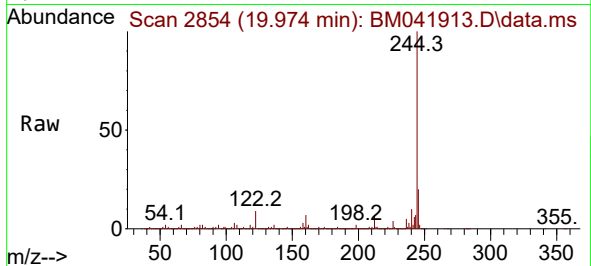




#79
 Terphenyl-d14
 Concen: 108.645 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041913.D
 Acq: 19 Sep 2023 21:26

Instrument :
 BNA_M
 ClientSampleId :
 PB155480BL

Tgt Ion:244 Resp: 6813546
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.7 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: BM041913.D
 Acq: 19 Sep 2023 21:26

Tgt Ion:264 Resp: 1125172
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.0 17.0 25.6

