

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040191.D
 Acq On : 09 Jun 2023 14:52
 Operator : MA/JU
 Sample : 03032-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0A

Quant Time: Jun 09 17:13:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	299098	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1315449	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	786856	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1710436	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1602072	20.000	ng	0.00
86) Perylene-d12	23.979	264	1894738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2713860	135.481	ng	0.00
7) Phenol-d6	7.145	99	3571180	130.653	ng	0.00
23) Nitrobenzene-d5	9.157	82	1866219	76.788	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1618993	136.754	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4846149	81.403	ng	0.00
79) Terphenyl-d14	19.986	244	9375664	107.880	ng	0.00

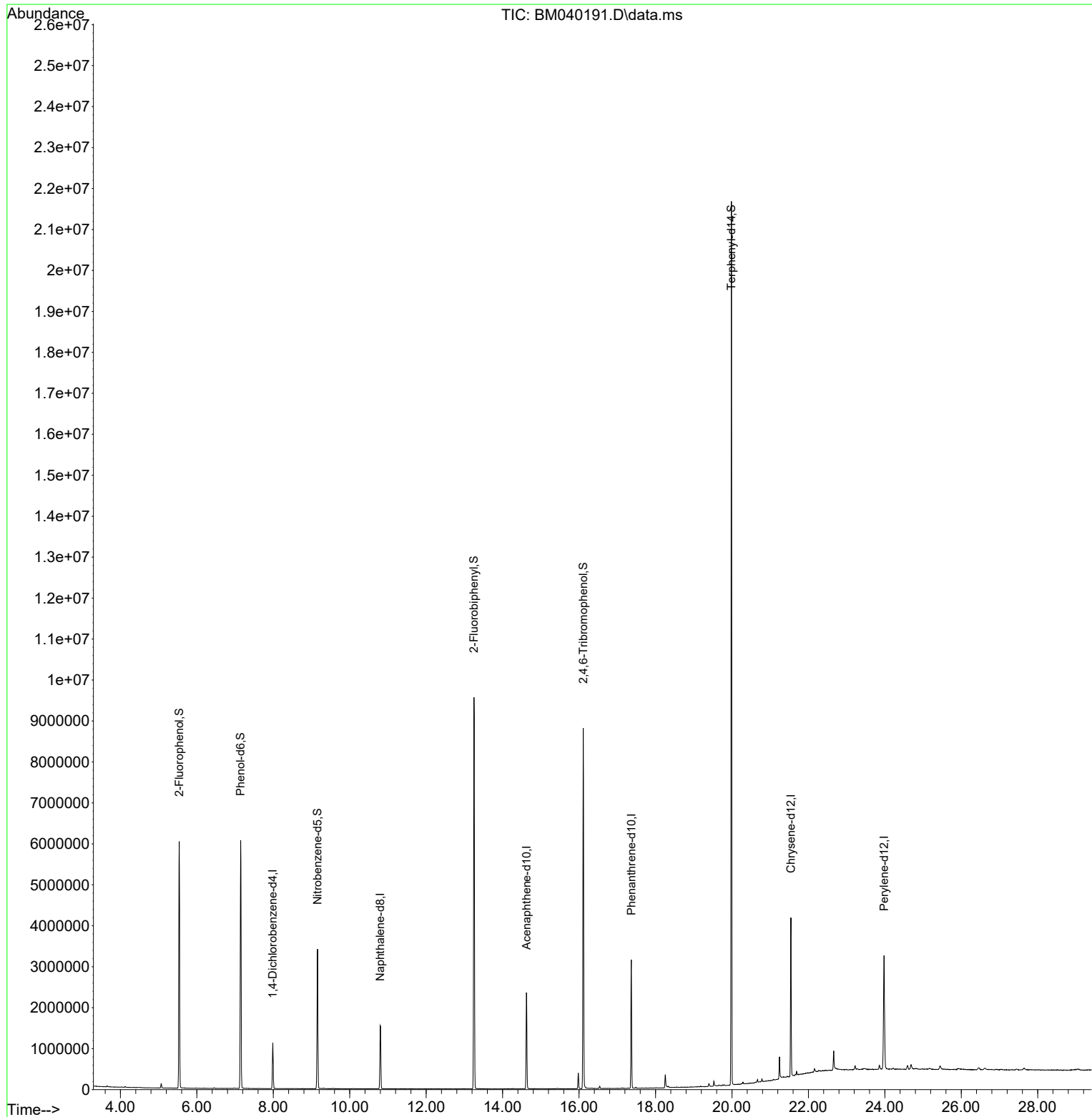
Target Compounds	Qvalue

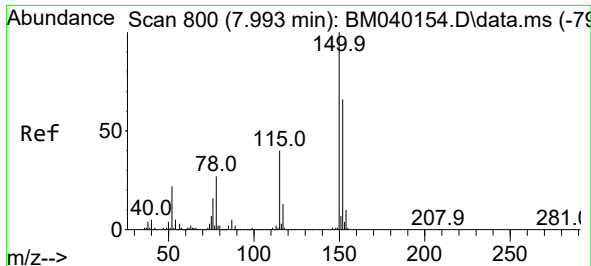
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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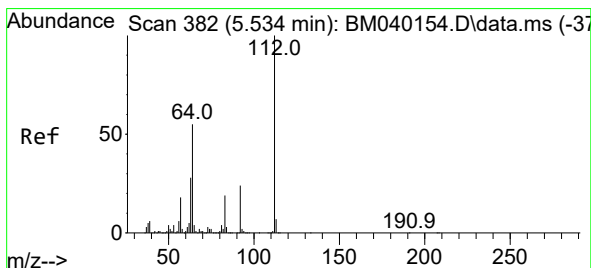
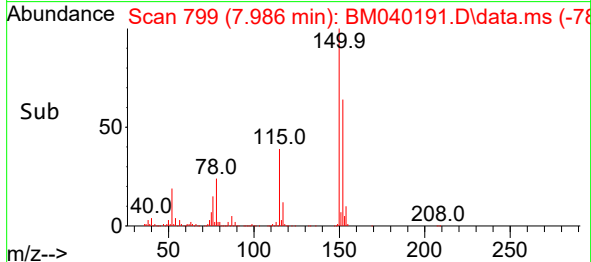
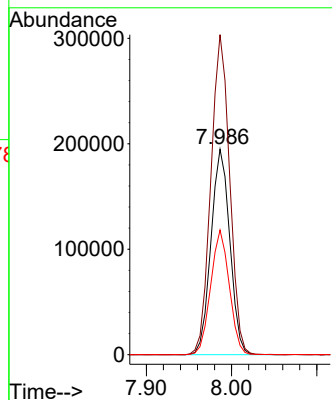
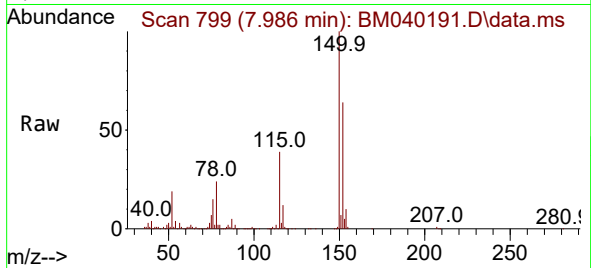




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BM040191.D
 Acq: 09 Jun 2023 14:52

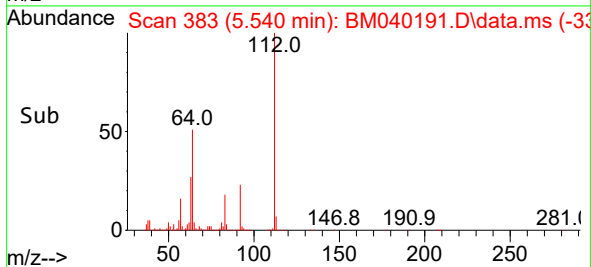
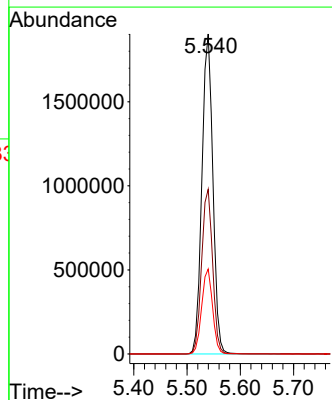
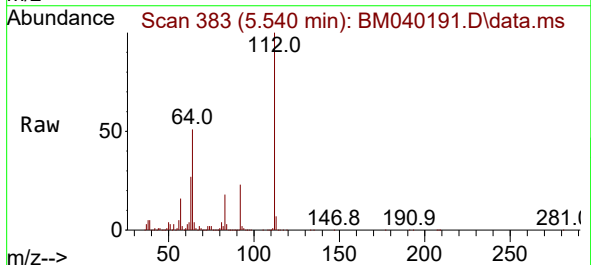
Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0A

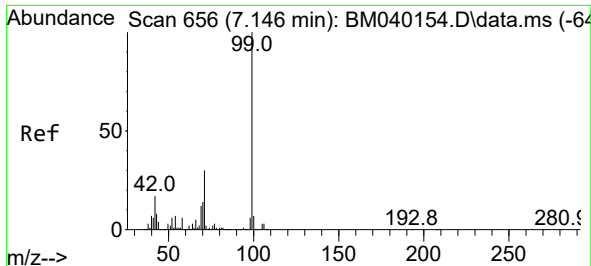
Tgt Ion:152 Resp: 299098
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.4 182.0
 115 60.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 135.481 ng
 RT: 5.540 min Scan# 383
 Delta R.T. 0.006 min
 Lab File: BM040191.D
 Acq: 09 Jun 2023 14:52

Tgt Ion:112 Resp: 2713860
 Ion Ratio Lower Upper
 112 100
 64 51.5 43.8 65.6
 63 26.6 22.8 34.2

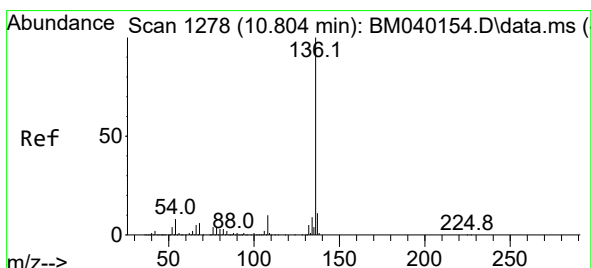
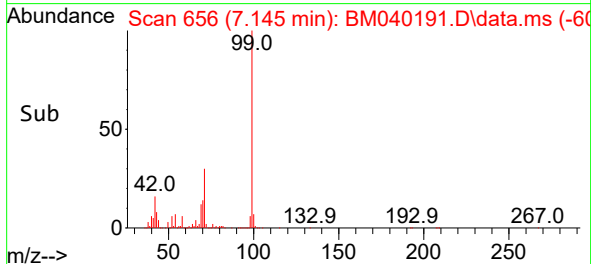
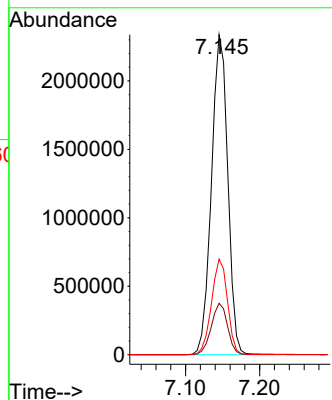
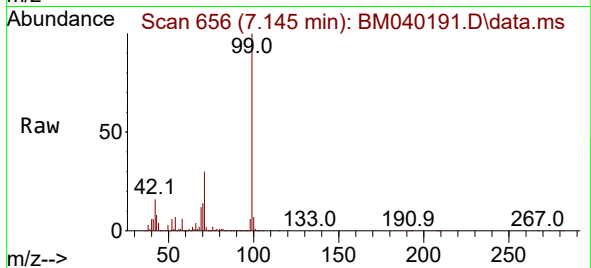




#7
Phenol-d6
Concen: 130.653 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

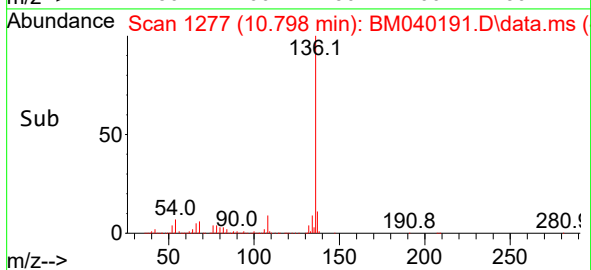
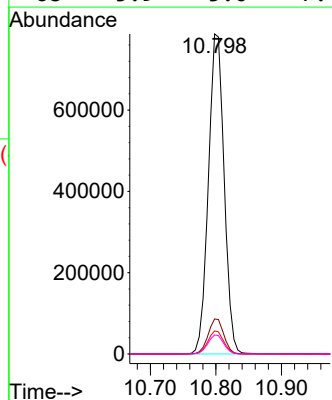
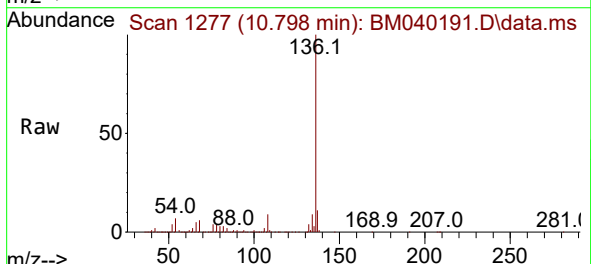
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

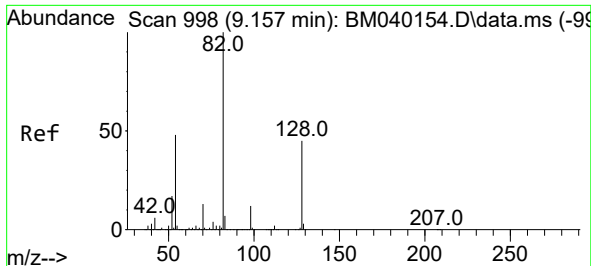
Tgt Ion: 99 Resp: 3571180
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 29.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

Tgt Ion:136 Resp: 1315449
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 6.2 9.4
68 5.9 5.0 7.4

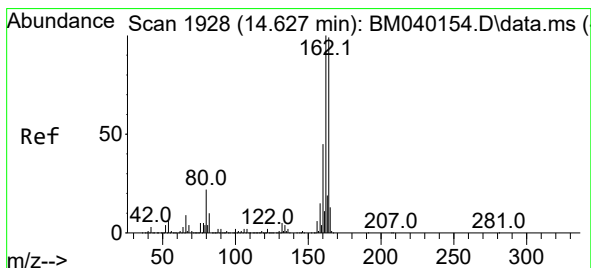
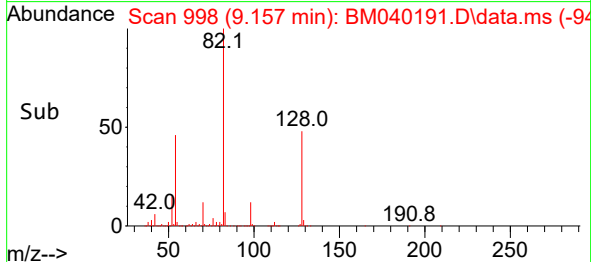
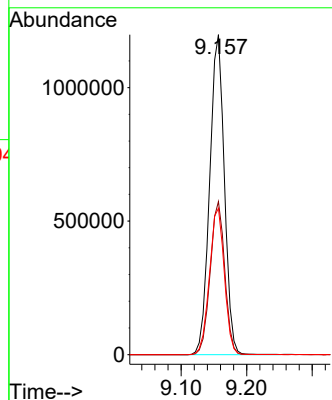
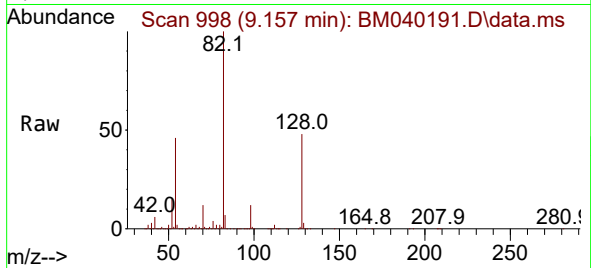




#23
Nitrobenzene-d5
Concen: 76.788 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

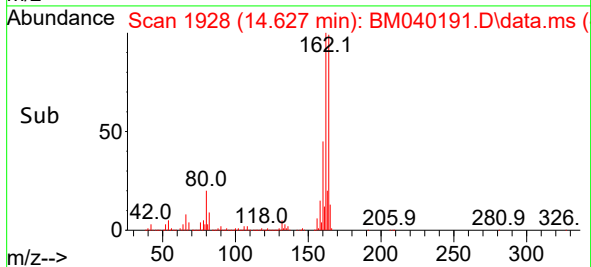
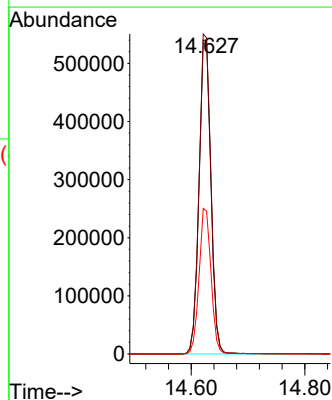
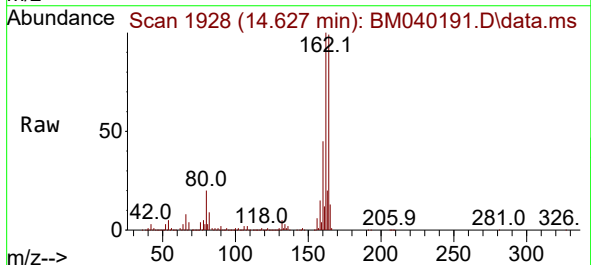
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

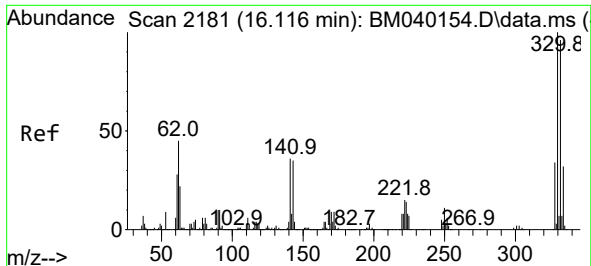
Tgt Ion: 82 Resp: 1866219
Ion Ratio Lower Upper
82 100
128 47.9 36.0 54.0
54 45.7 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

Tgt Ion:164 Resp: 786856
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 45.5 35.9 53.9

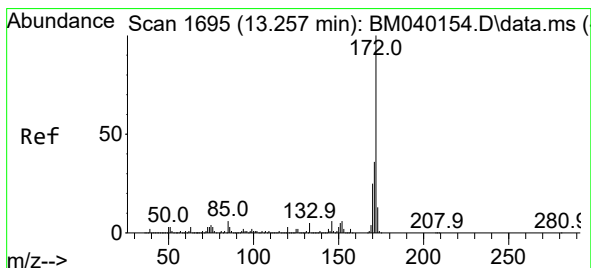
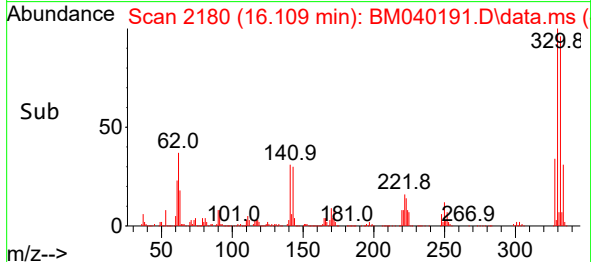
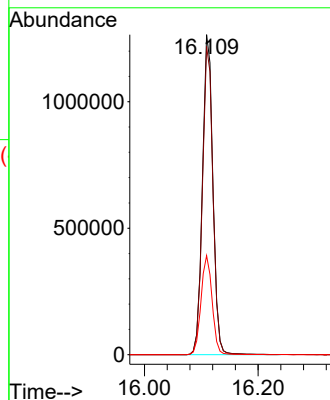
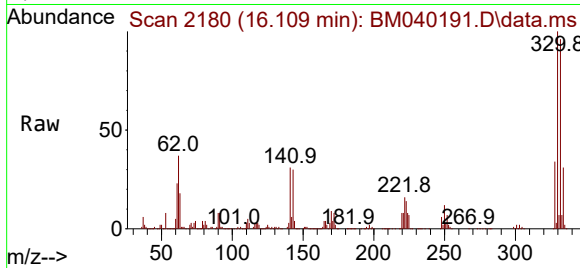




#42
2,4,6-Tribromophenol
Concen: 136.754 ng
RT: 16.109 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

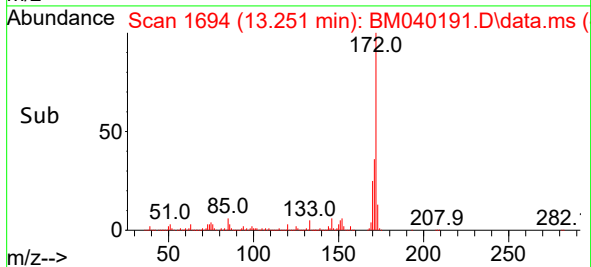
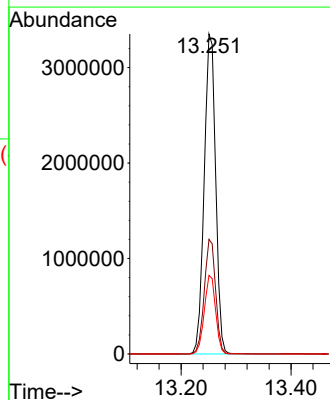
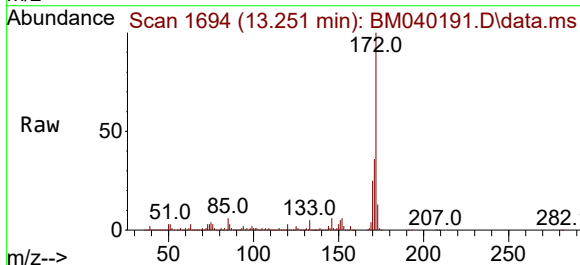
Instrument :
BNA_M
ClientSampleId :
TP-20-0A

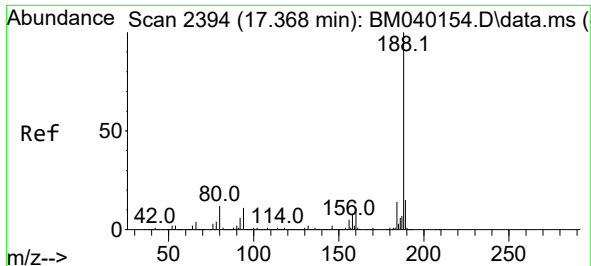
Tgt Ion:330 Resp: 1618993
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 81.403 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

Tgt Ion:172 Resp: 4846149
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.6 19.8 29.6

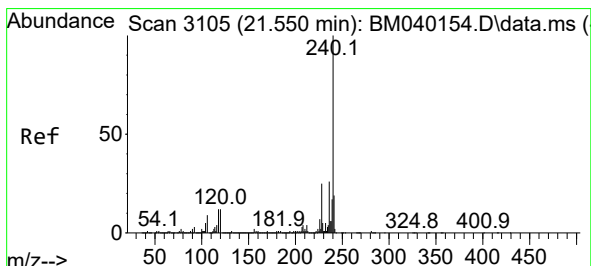
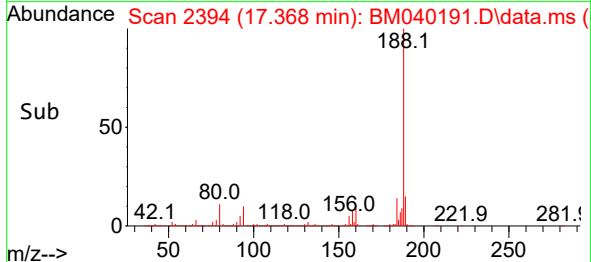
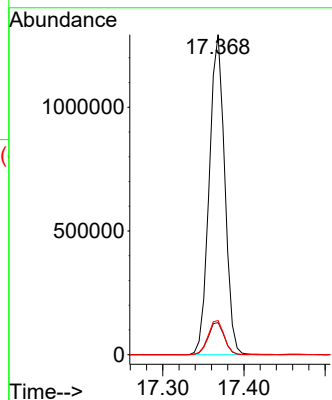
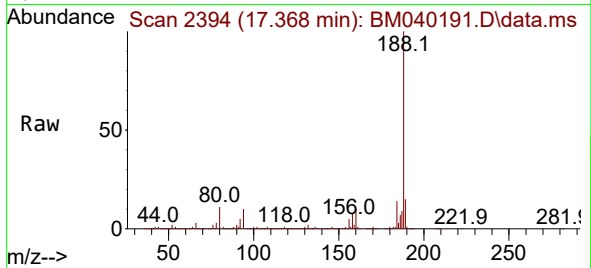




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

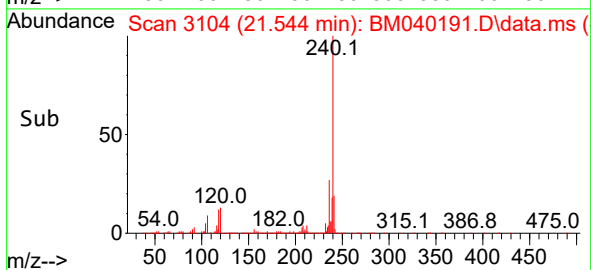
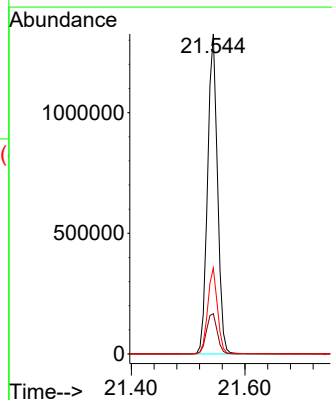
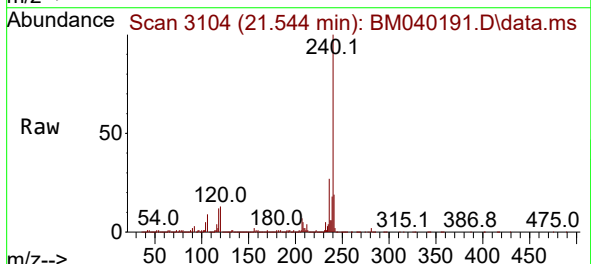
Instrument :
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ClientSampleId :
TP-20-0A

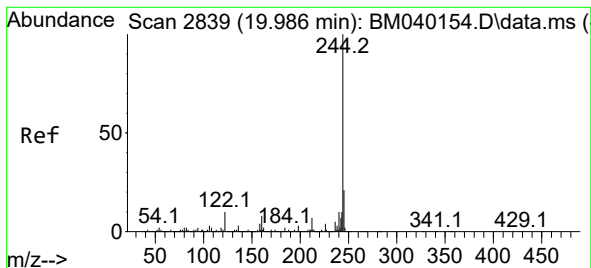
Tgt Ion:188 Resp: 1710436
Ion Ratio Lower Upper
188 100
94 10.0 8.9 13.3
80 10.6 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040191.D
Acq: 09 Jun 2023 14:52

Tgt Ion:240 Resp: 1602072
Ion Ratio Lower Upper
240 100
120 12.6 9.9 14.9
236 26.8 21.1 31.7





#79

Terphenyl-d14

Concen: 107.880 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040191.D

Acq: 09 Jun 2023 14:52

Instrument :

BNA_M

ClientSampleId :

TP-20-0A

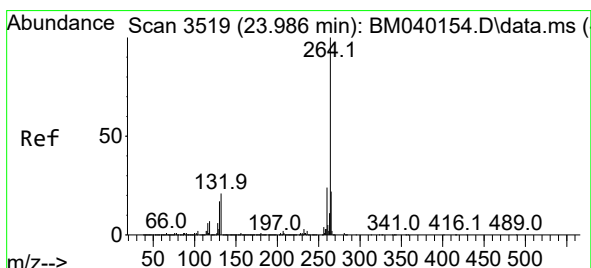
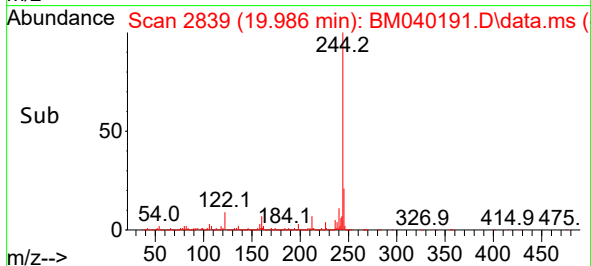
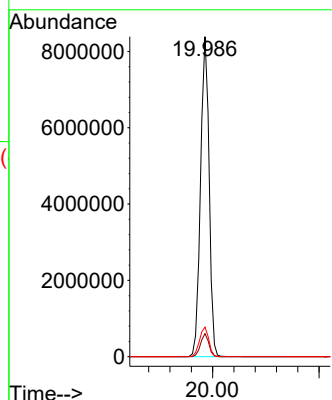
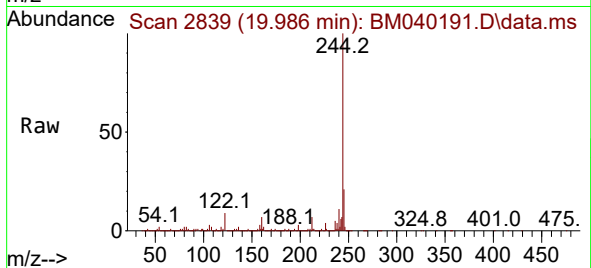
Tgt Ion:244 Resp: 9375664

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.979 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040191.D

Acq: 09 Jun 2023 14:52

Tgt Ion:264 Resp: 1894738

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.6 17.7 26.5

