

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040193.D
 Acq On : 09 Jun 2023 16:05
 Operator : MA/JU
 Sample : 03039-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB30B

Quant Time: Jun 09 17:15:39 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	329459	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1470822	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	874456	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1881448	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1702011	20.000	ng	0.00
86) Perylene-d12	23.980	264	1973991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2398283	108.694	ng	0.00
7) Phenol-d6	7.145	99	3155656	104.812	ng	0.00
23) Nitrobenzene-d5	9.157	82	1677619	61.736	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1412907	107.391	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4147386	62.686	ng	0.00
79) Terphenyl-d14	19.986	244	7323695	79.321	ng	0.00

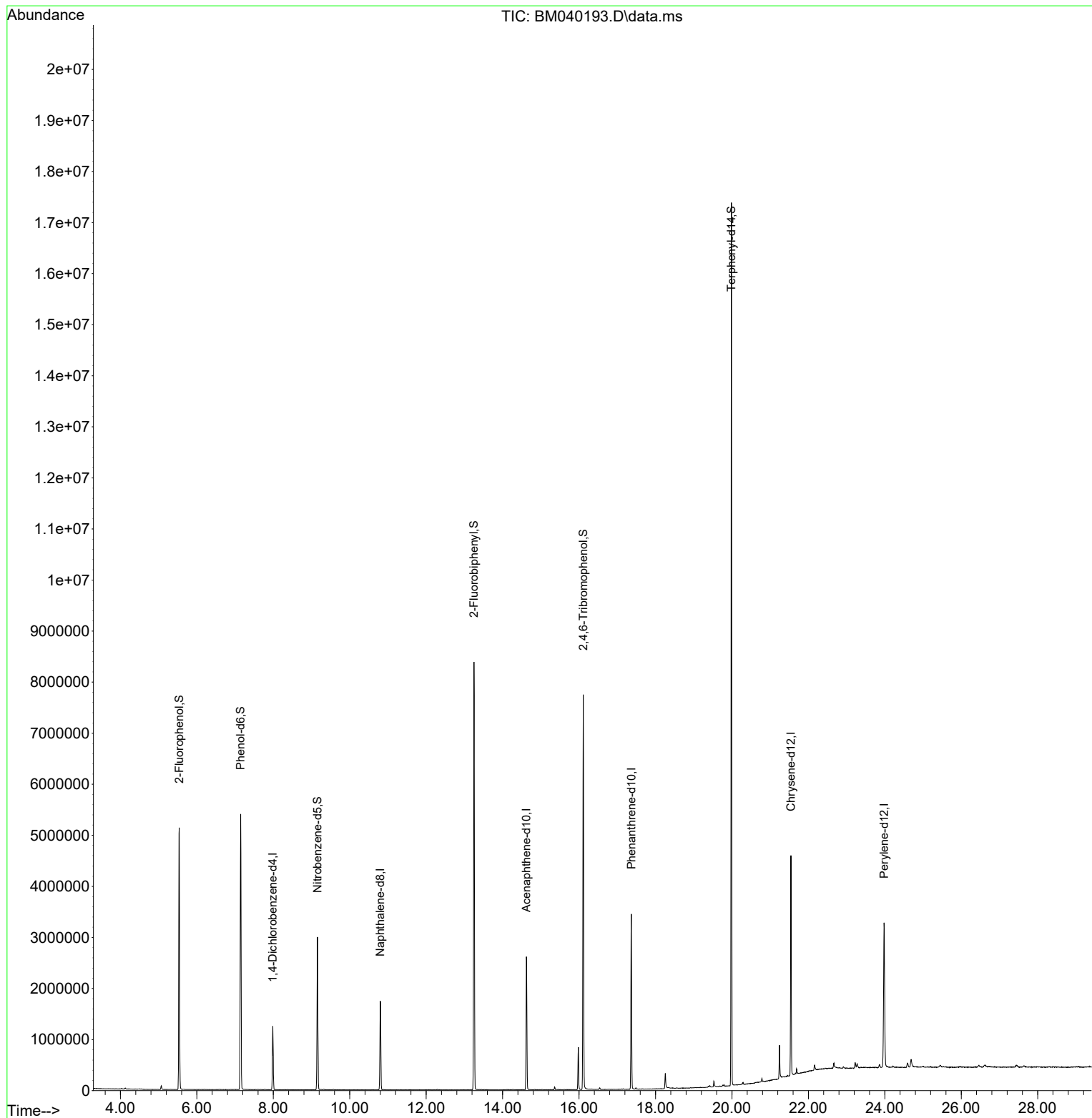
Target Compounds	Qvalue

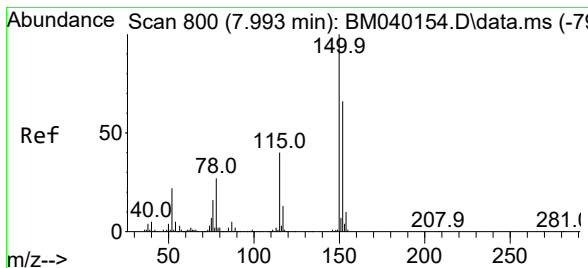
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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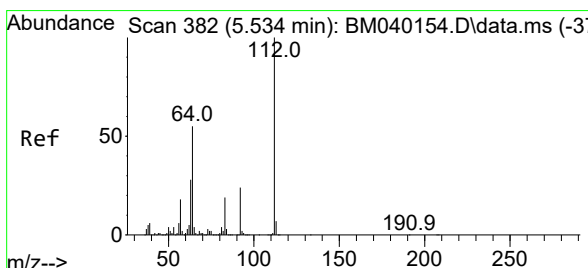
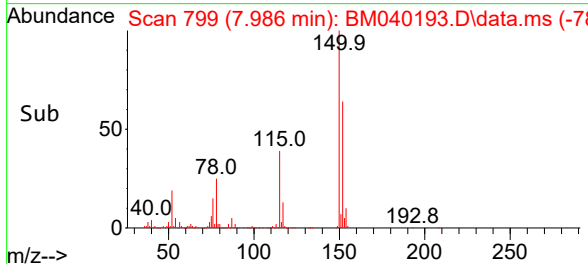
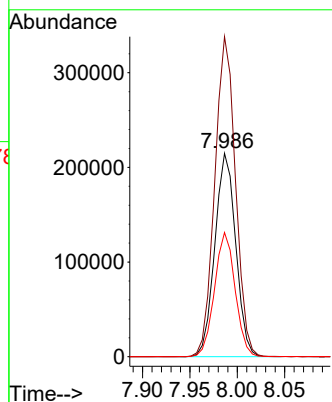
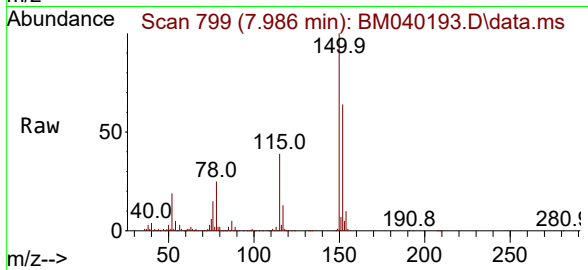




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 79
Delta R.T. -0.007 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

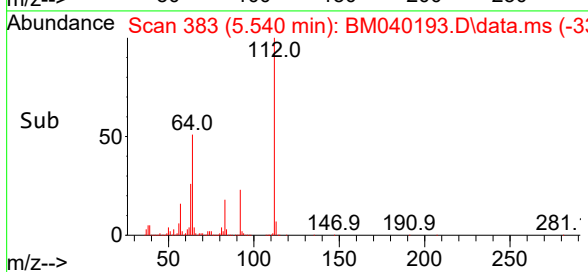
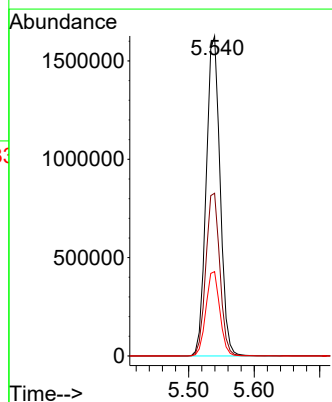
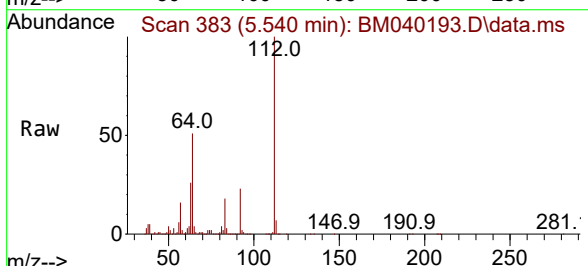
Instrument :
BNA_M
ClientSampleId :
SB30B

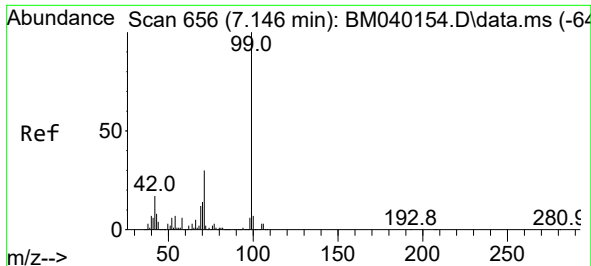
Tgt Ion:152 Resp: 329459
Ion Ratio Lower Upper
152 100
150 157.3 121.4 182.0
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 108.694 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

Tgt Ion:112 Resp: 2398283
Ion Ratio Lower Upper
112 100
64 50.8 43.8 65.6
63 26.4 22.8 34.2

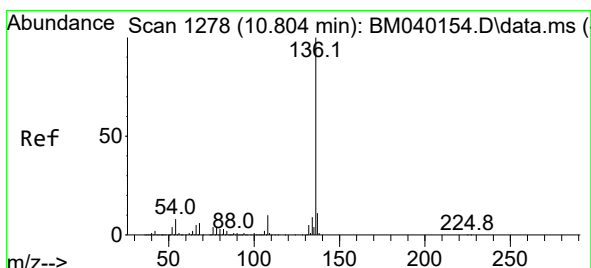
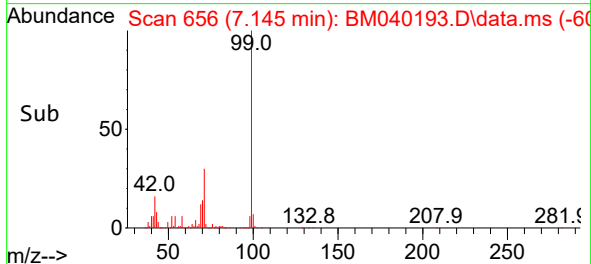
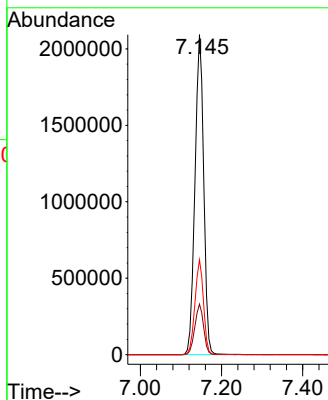
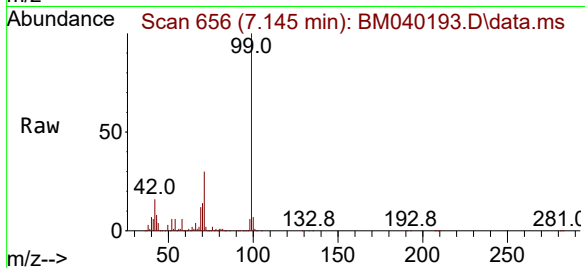




#7
Phenol-d6
Concen: 104.812 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

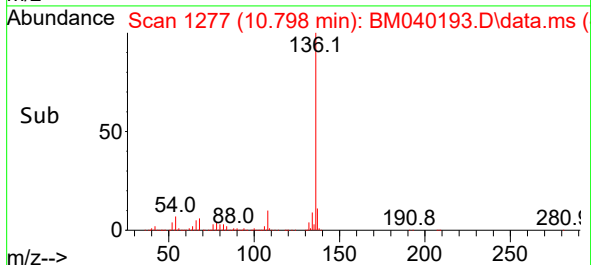
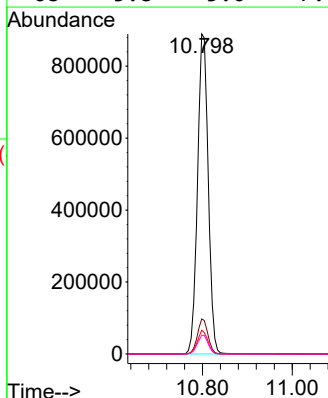
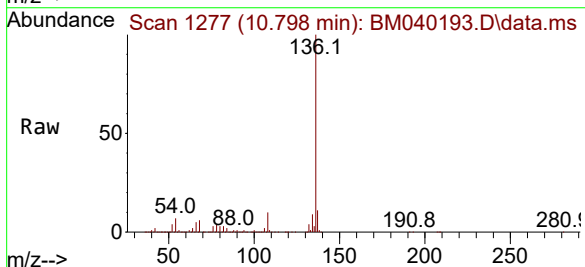
Instrument :
BNA_M
ClientSampleId :
SB30B

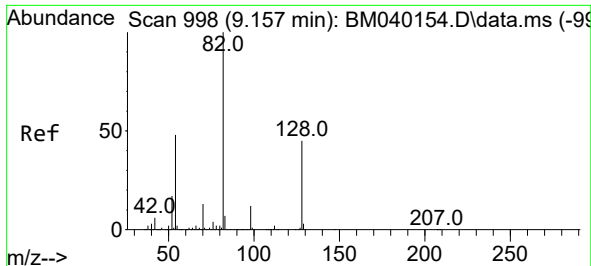
Tgt Ion: 99 Resp: 3155656
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 29.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

Tgt Ion:136 Resp: 1470822
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.2 9.4
68 5.8 5.0 7.4

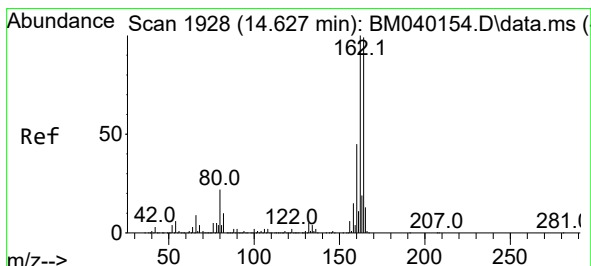
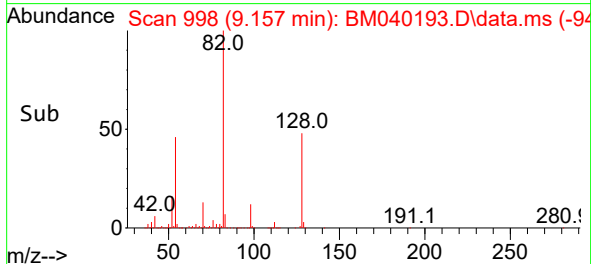
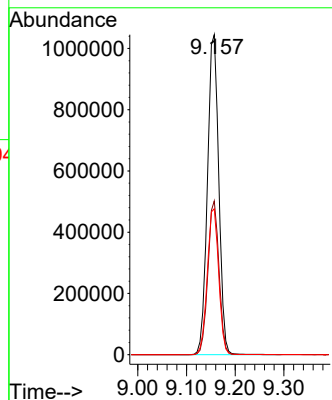
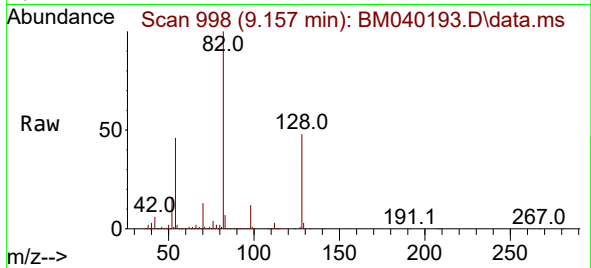




#23
Nitrobenzene-d5
Concen: 61.736 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

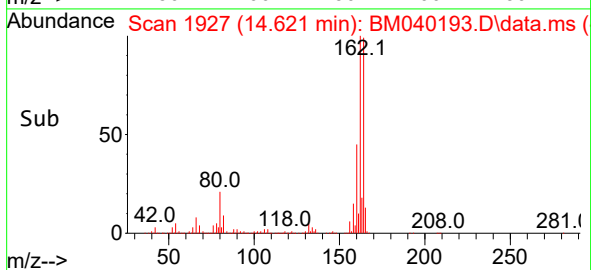
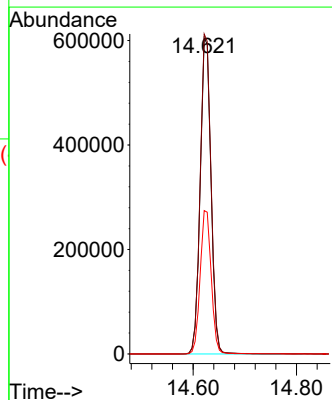
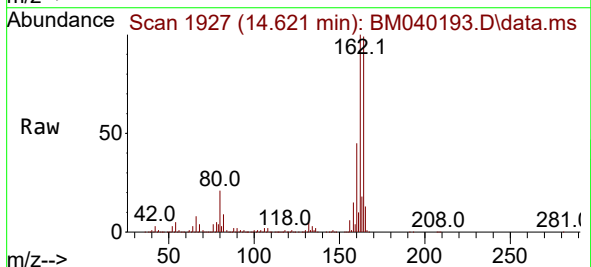
Instrument :
BNA_M
ClientSampleId :
SB30B

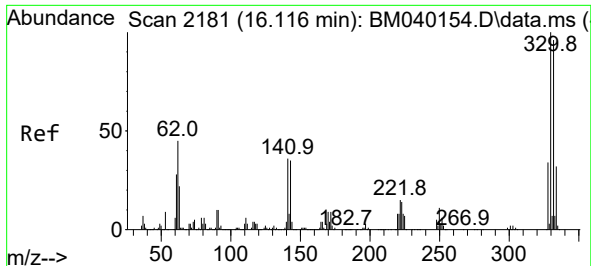
Tgt Ion: 82 Resp: 1677619
Ion Ratio Lower Upper
82 100
128 48.0 36.0 54.0
54 45.6 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

Tgt Ion: 164 Resp: 874456
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 45.4 35.9 53.9

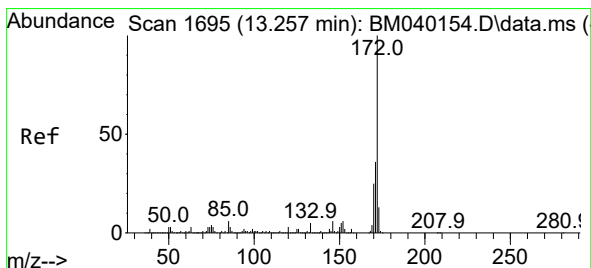
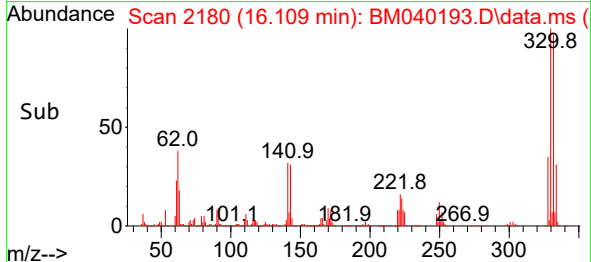
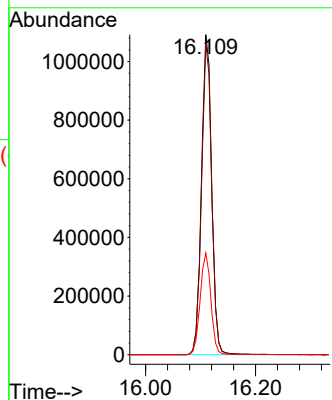
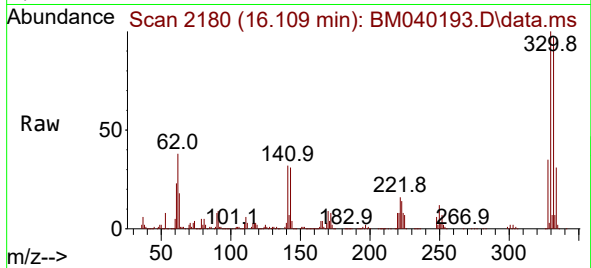




#42
2,4,6-Tribromophenol
Concen: 107.391 ng
RT: 16.109 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

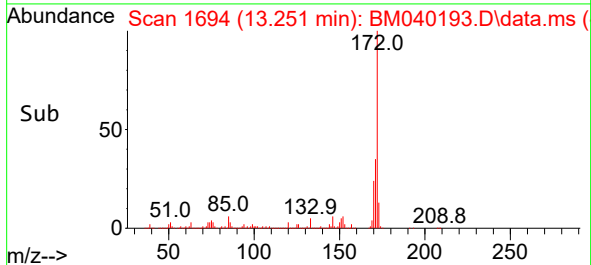
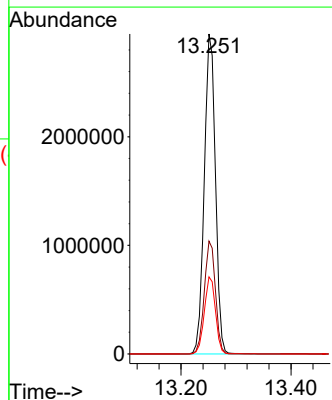
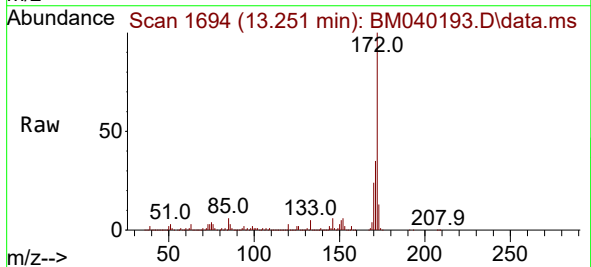
Instrument :
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ClientSampleId :
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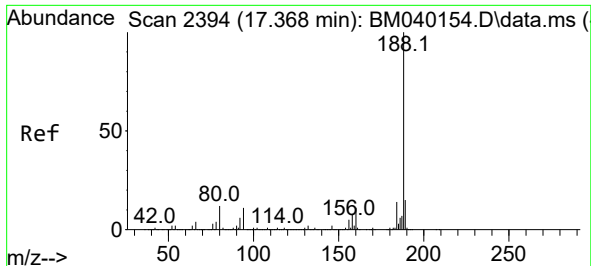
Tgt Ion:330 Resp: 1412907
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 33.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 62.686 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

Tgt Ion:172 Resp: 4147386
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.8 29.6

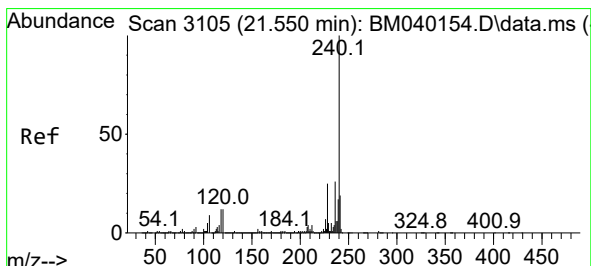
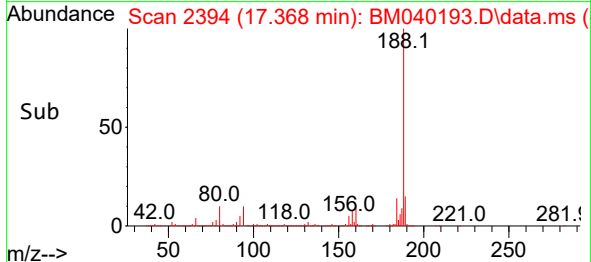
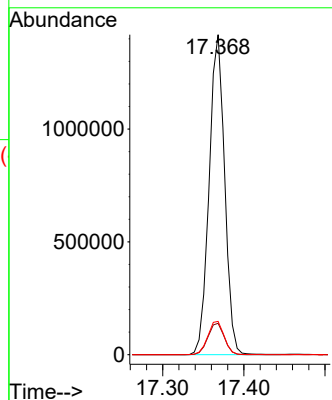
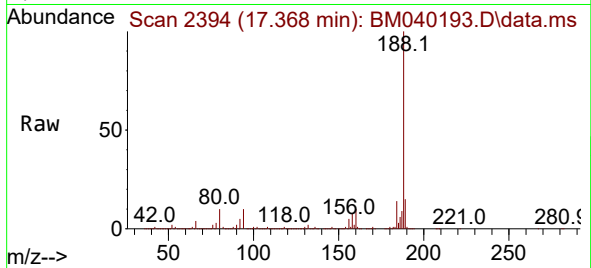




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

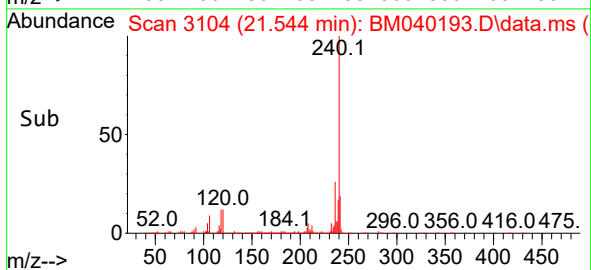
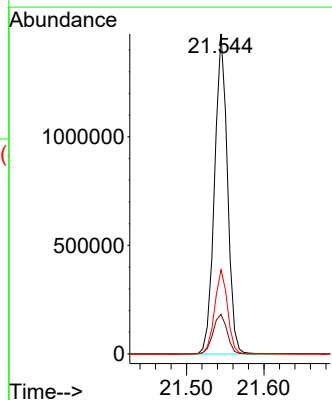
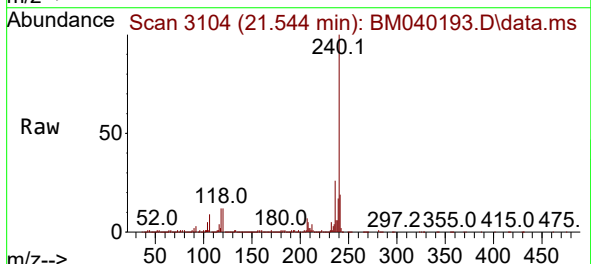
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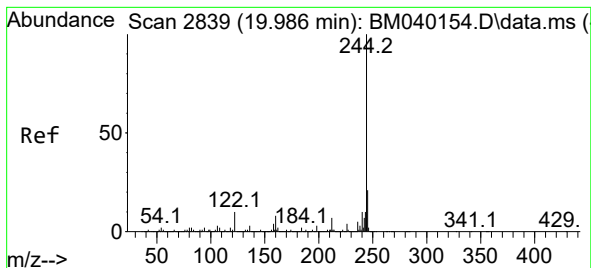
Tgt Ion:188 Resp: 1881448
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.4 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040193.D
Acq: 09 Jun 2023 16:05

Tgt Ion:240 Resp: 1702011
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 79.321 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040193.D

Acq: 09 Jun 2023 16:05

Instrument :

BNA_M

ClientSampleId :

SB30B

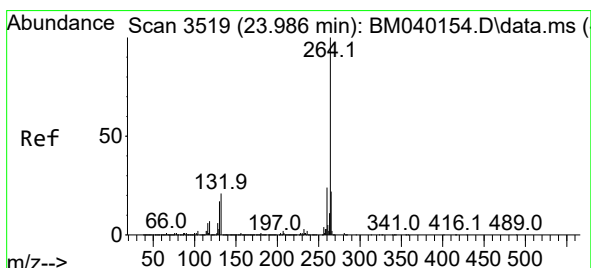
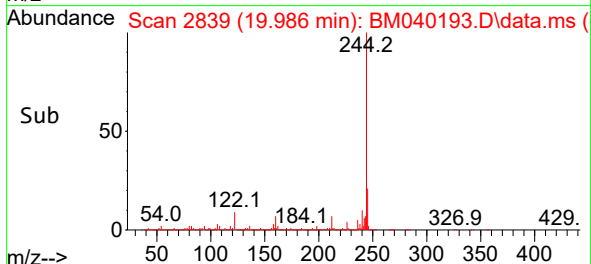
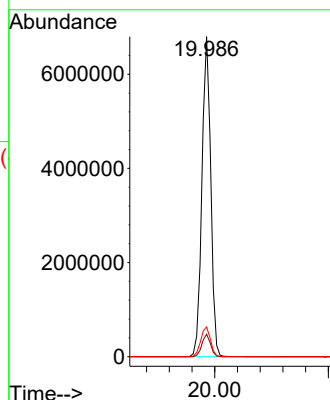
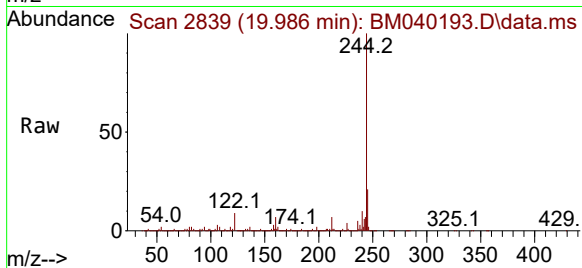
Tgt Ion:244 Resp: 7323695

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040193.D

Acq: 09 Jun 2023 16:05

Tgt Ion:264 Resp: 1973991

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.8 17.7 26.5

