

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044778.D
 Acq On : 27 Mar 2024 14:29
 Operator : MA/JU
 Sample : PB159793BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159793BL

Quant Time: Mar 27 14:59:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

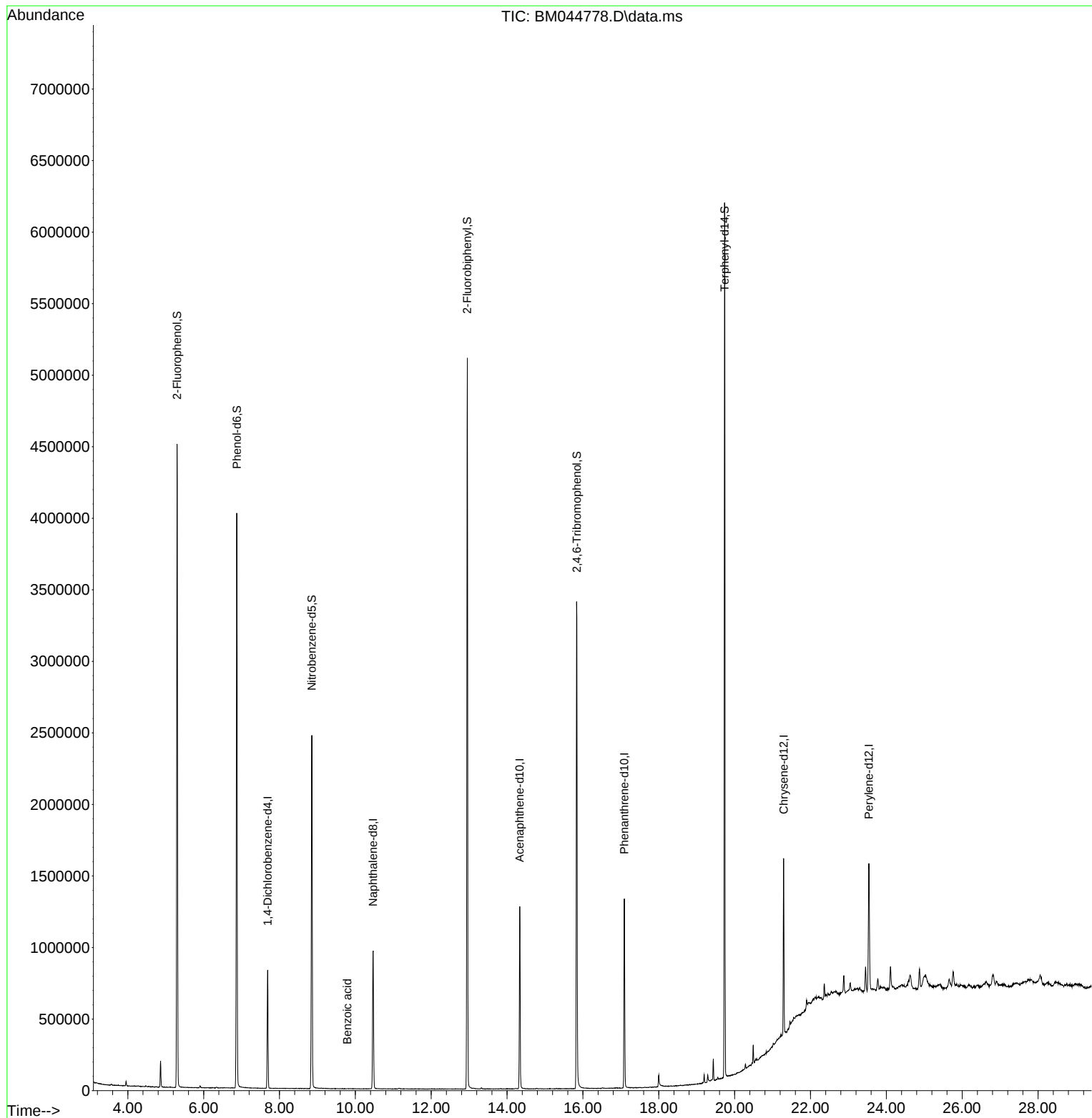
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	210359	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	798997	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	422531	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	792999	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	547584	20.000	ng	-0.01
86) Perylene-d12	23.539	264	644995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1781467	121.592	ng	0.00
7) Phenol-d6	6.875	99	2175962	115.443	ng	0.00
23) Nitrobenzene-d5	8.851	82	1357250	81.836	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	595682	127.819	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2553004	83.214	ng	-0.02
79) Terphenyl-d14	19.739	244	2877829	91.937	ng	0.00
Target Compounds						
32) Benzoic acid	9.787	122	58	3.625	ng	Qvalue # 1

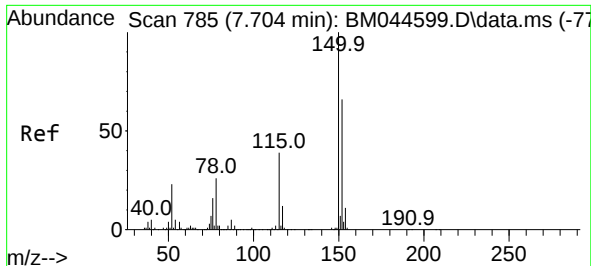
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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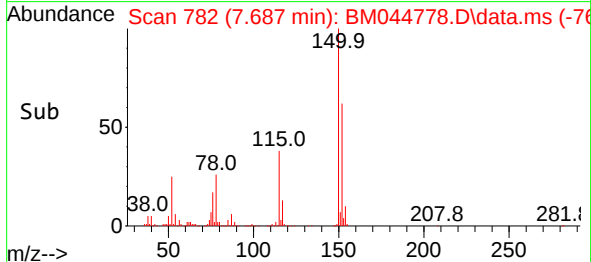
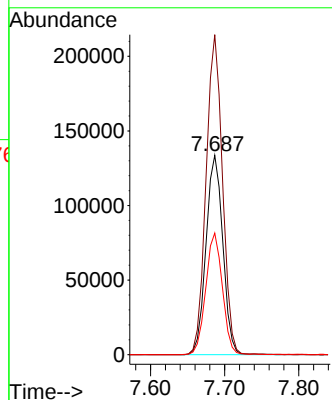
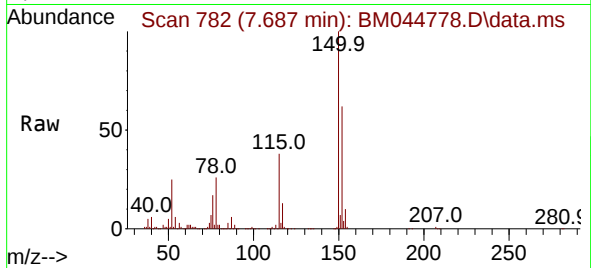




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044778.D
 Acq: 27 Mar 2024 14:29

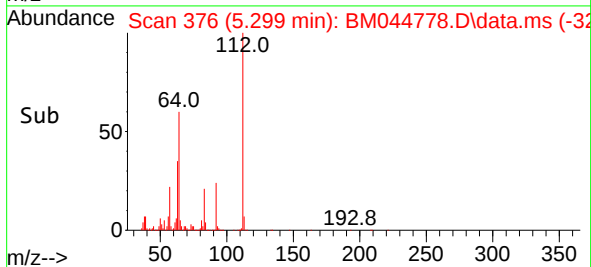
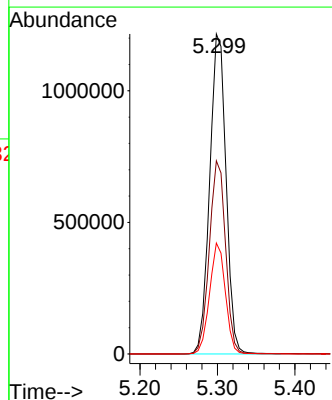
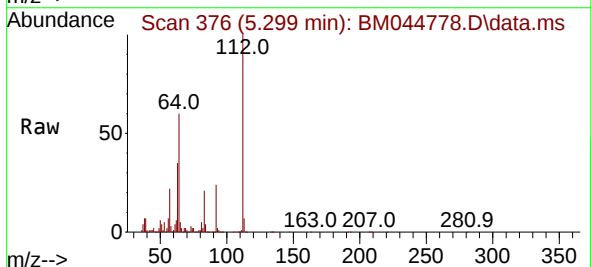
Instrument :
 BNA_M
 ClientSampleId :
 PB159793BL

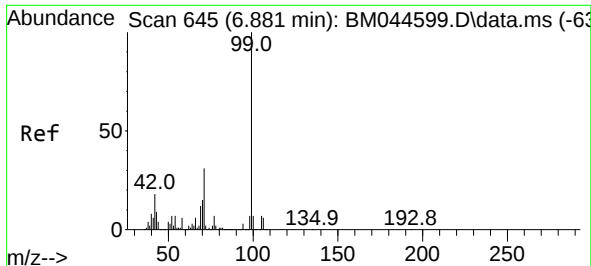
Tgt Ion:152 Resp: 210359
 Ion Ratio Lower Upper
 152 100
 150 160.5 121.9 182.9
 115 61.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 121.592 ng
 RT: 5.299 min Scan# 376
 Delta R.T. -0.006 min
 Lab File: BM044778.D
 Acq: 27 Mar 2024 14:29

Tgt Ion:112 Resp: 1781467
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 34.6 25.0 37.4

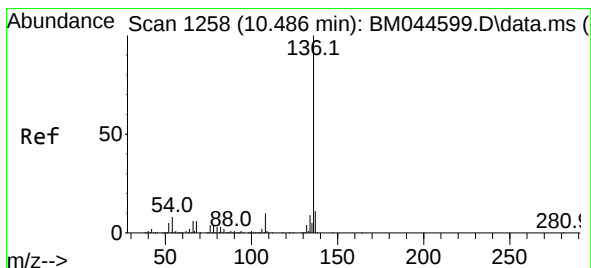
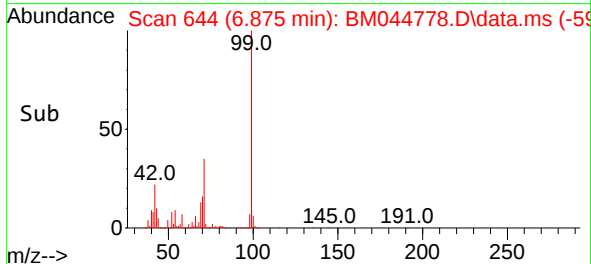
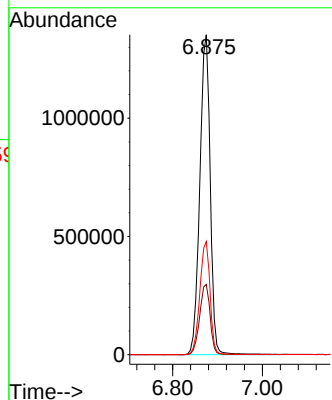
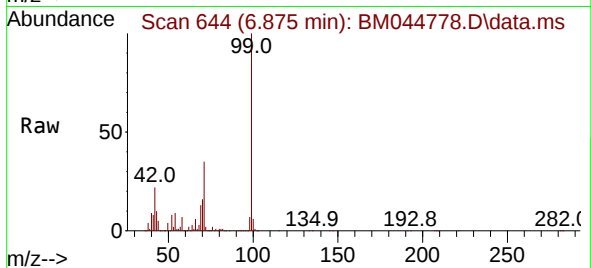




#7
Phenol-d6
Concen: 115.443 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

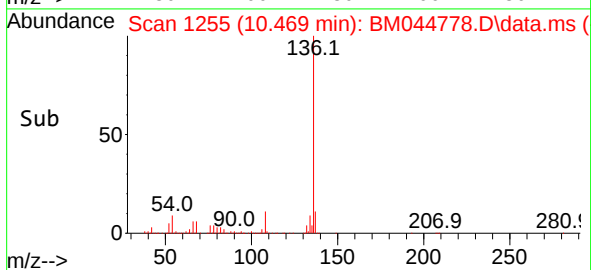
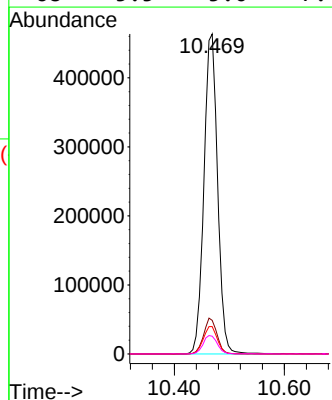
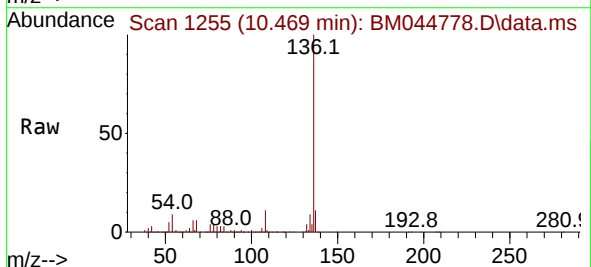
Instrument :
BNA_M
ClientSampleId :
PB159793BL

Tgt Ion: 99 Resp: 2175962
Ion Ratio Lower Upper
99 100
42 21.9 14.3 21.5#
71 35.4 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

Tgt Ion: 136 Resp: 798997
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.5 6.6 10.0
68 5.5 5.0 7.4

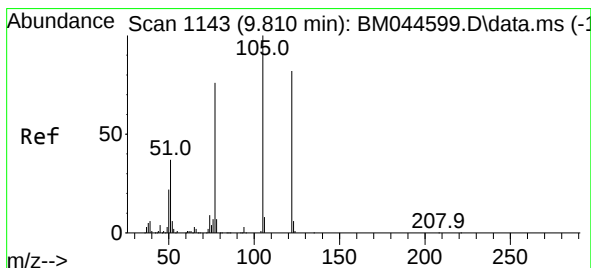
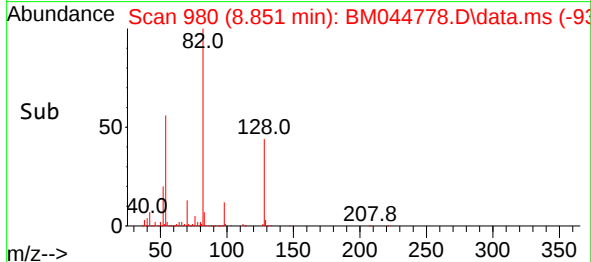
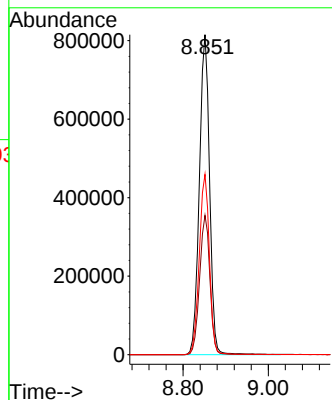
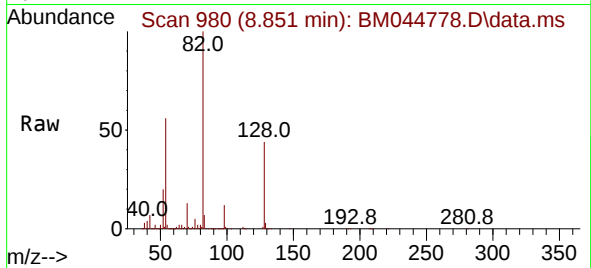




#23
Nitrobenzene-d5
Concen: 81.836 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

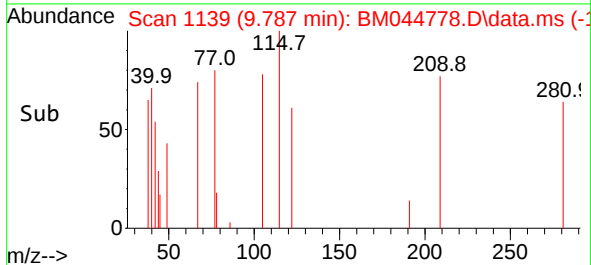
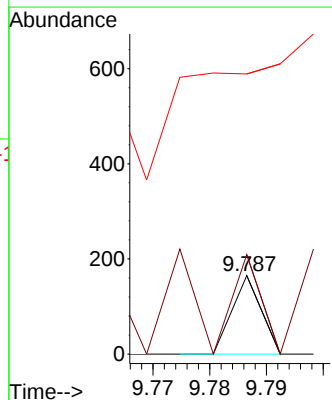
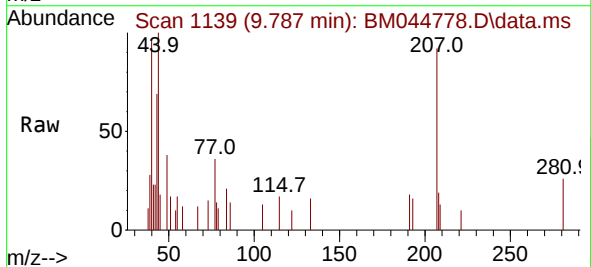
Instrument :
BNA_M
ClientSampleId :
PB159793BL

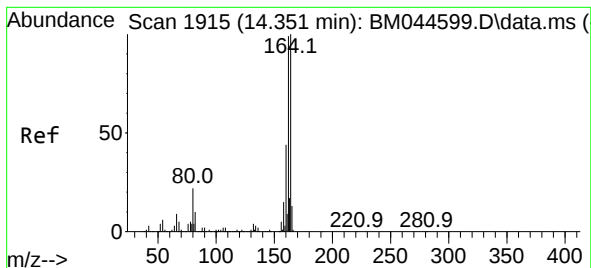
Tgt Ion: 82 Resp: 1357250
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 56.4 41.3 61.9



#32
Benzoic acid
Concen: 3.625 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.023 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 126.7 100.0 140.0
77 357.0 72.5 112.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BM044778.D

Acq: 27 Mar 2024 14:29

Instrument :

BNA_M

ClientSampleId :

PB159793BL

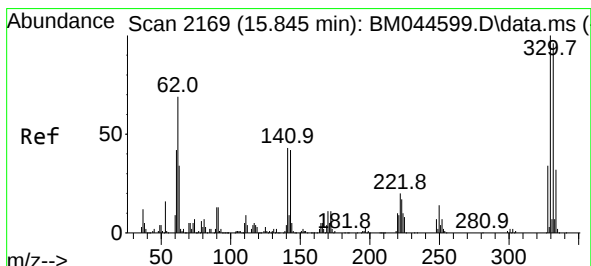
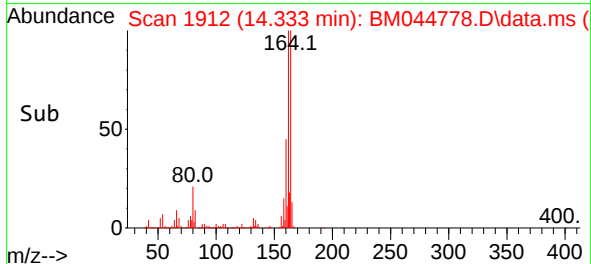
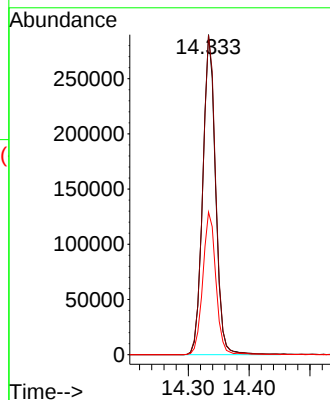
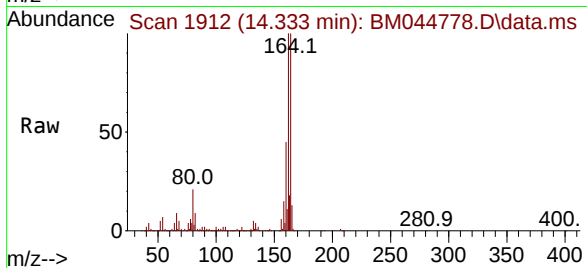
Tgt Ion:164 Resp: 422531

Ion Ratio Lower Upper

164 100

162 99.9 79.3 118.9

160 44.6 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 127.819 ng

RT: 15.839 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BM044778.D

Acq: 27 Mar 2024 14:29

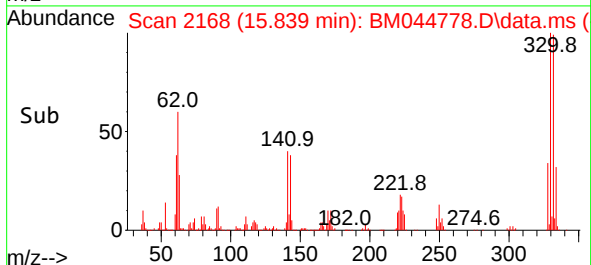
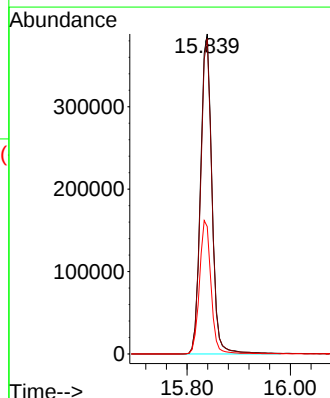
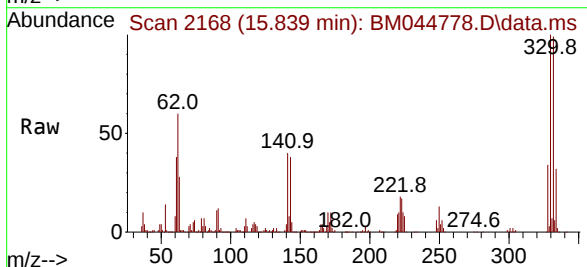
Tgt Ion:330 Resp: 595682

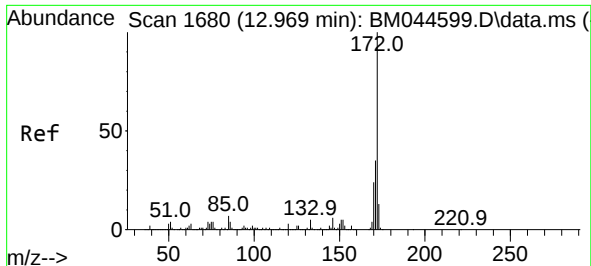
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 42.1 33.4 50.0

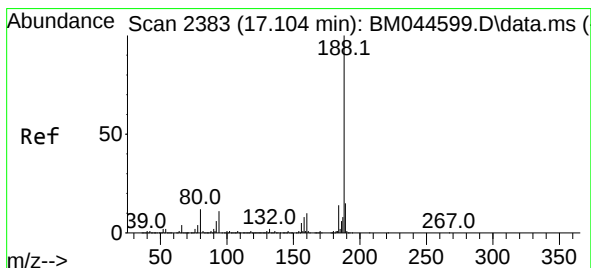
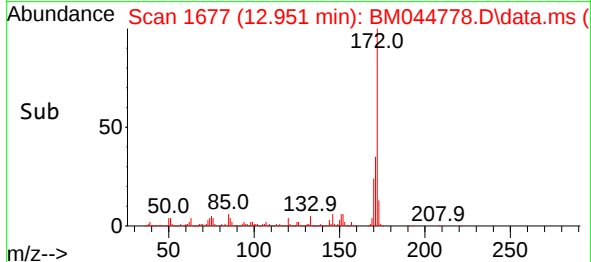
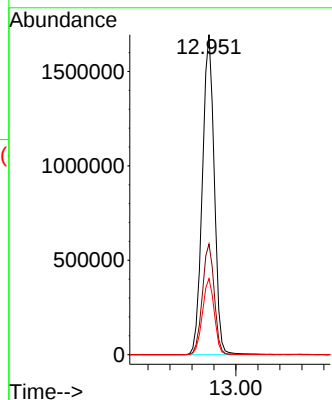
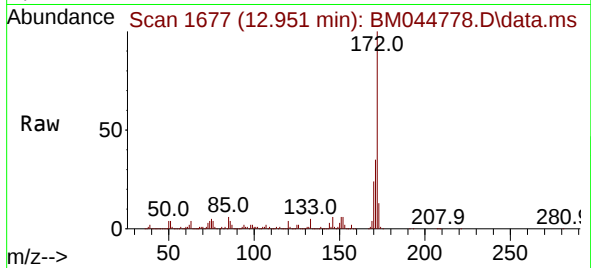




#45
2-Fluorobiphenyl
Concen: 83.214 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

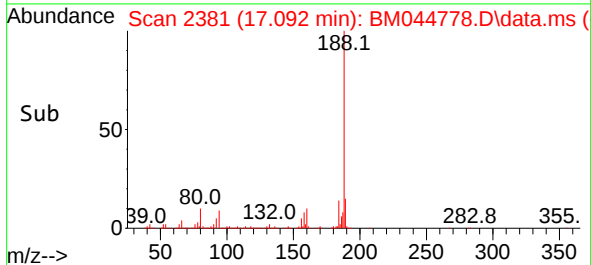
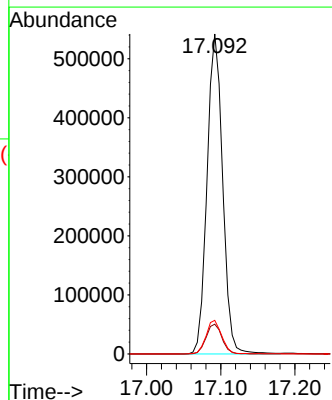
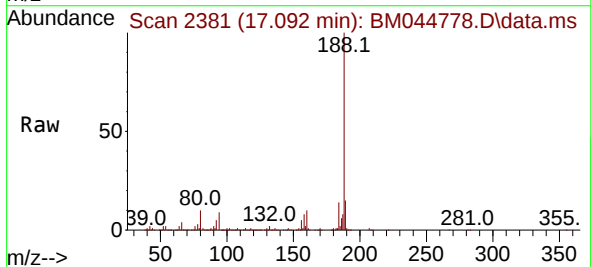
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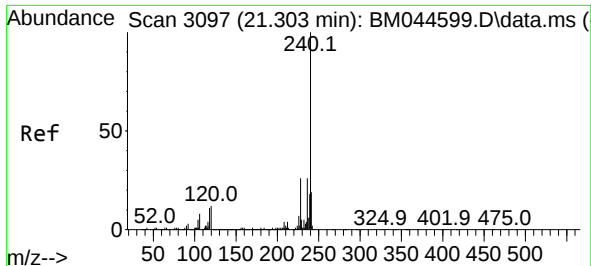
Tgt Ion:172 Resp: 2553004
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.8 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

Tgt Ion:188 Resp: 792999
Ion Ratio Lower Upper
188 100
94 9.3 8.4 12.6
80 10.5 9.4 14.0

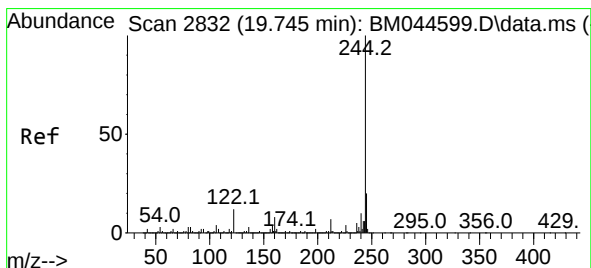
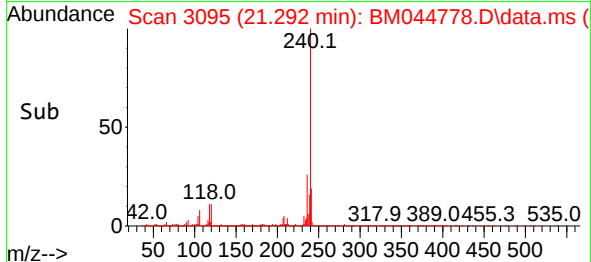
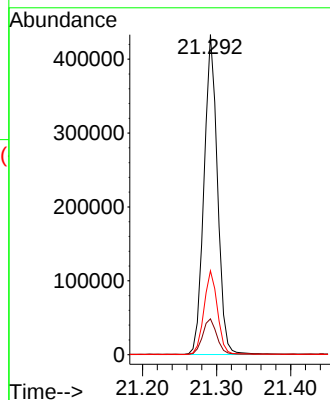
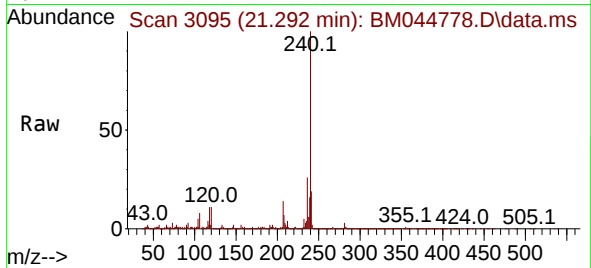




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

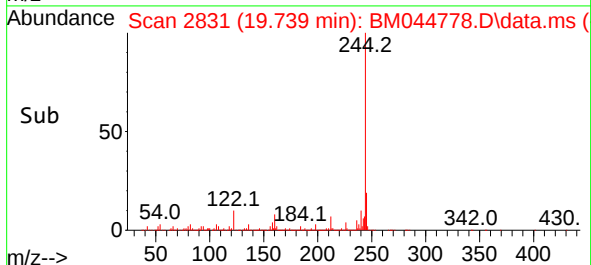
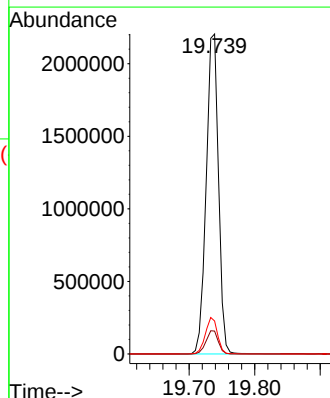
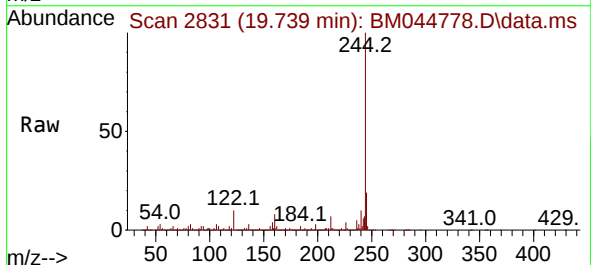
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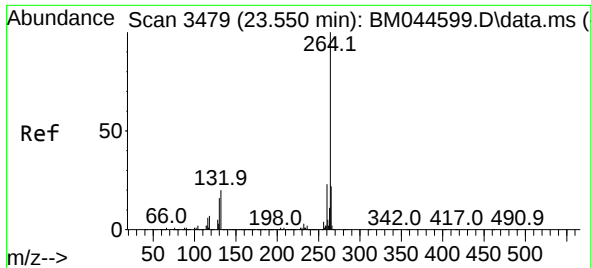
Tgt Ion:240 Resp: 547584
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 91.937 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BM044778.D
Acq: 27 Mar 2024 14:29

Tgt Ion:244 Resp: 2877829
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.3 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.539 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BM044778.D
 Acq: 27 Mar 2024 14:29

Instrument :
 BNA_M
 ClientSampleId :
 PB159793BL

Tgt Ion:264 Resp: 644995
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.3 27.5
 265 23.6 17.5 26.3

