

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043984.D
 Acq On : 06 Feb 2024 10:07
 Operator : MA/JU
 Sample : PB157637BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB157637BL

Quant Time: Feb 07 03:52:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

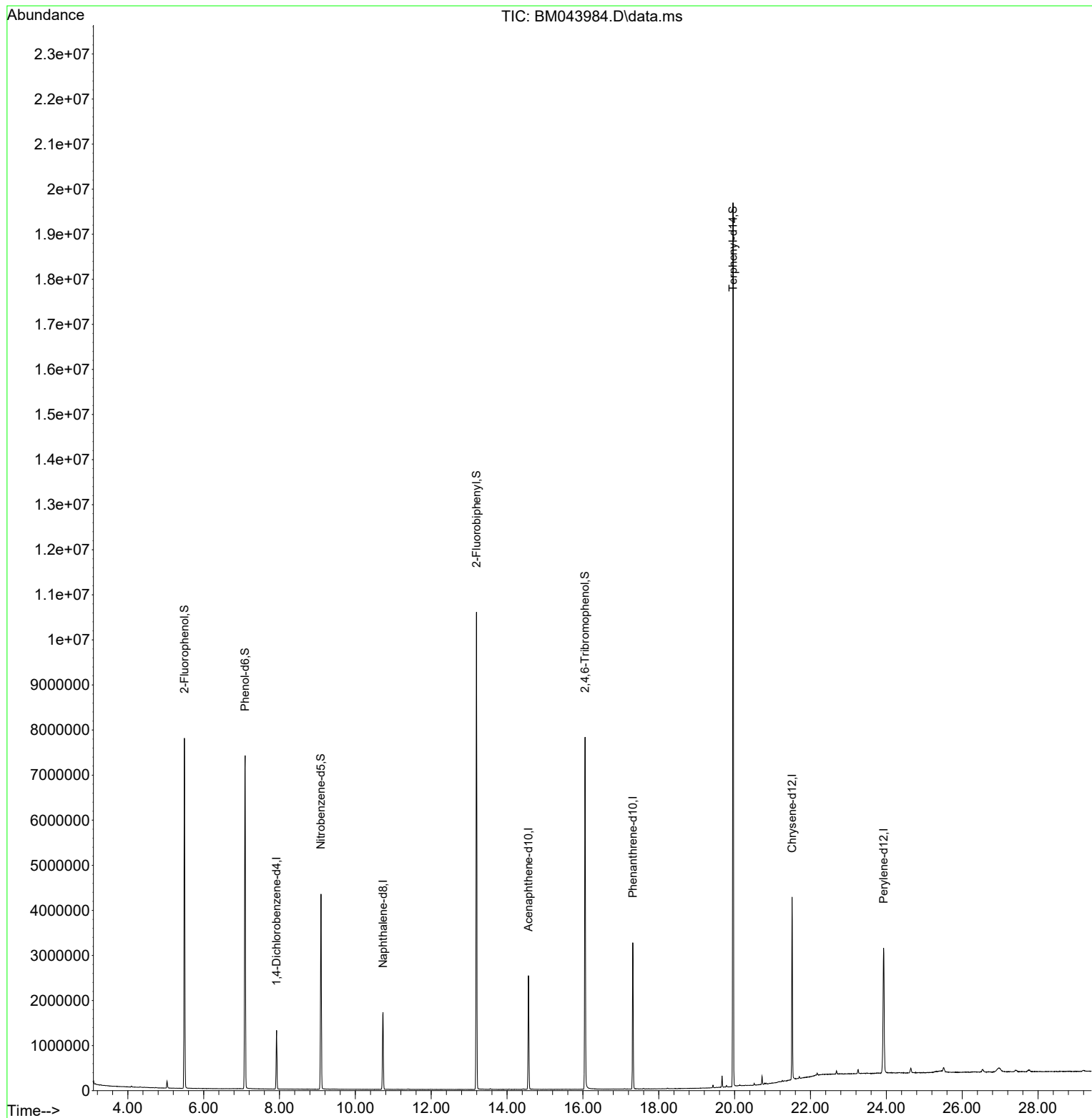
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	339403	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1410920	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	834479	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1877388	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1831435	20.000	ng	0.00
86) Perylene-d12	23.927	264	2132513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3220543	140.125	ng	0.00
7) Phenol-d6	7.093	99	4213110	124.068	ng	0.00
23) Nitrobenzene-d5	9.093	82	2431136	83.062	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1250970	122.979	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5224045	86.020	ng	0.00
79) Terphenyl-d14	19.957	244	9103047	95.950	ng	0.00
Target Compounds						
9) Benzaldehyde	7.087	77	7606	Below Cal	Qvalue #	2

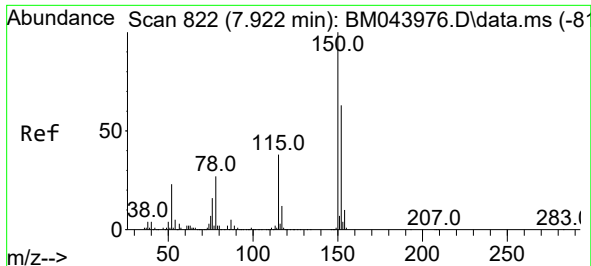
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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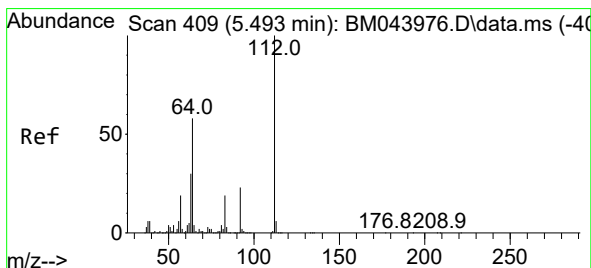
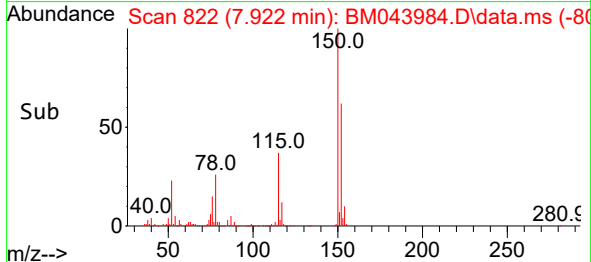
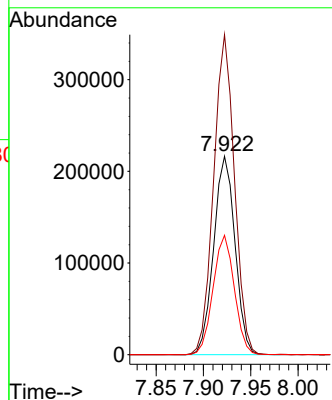
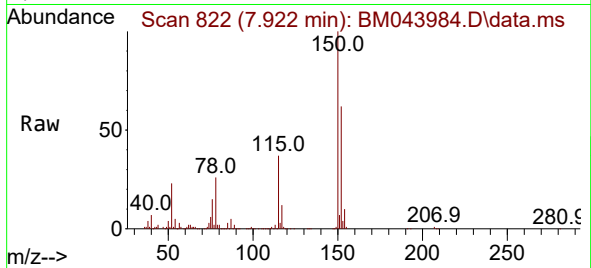




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM043984.D
 Acq: 06 Feb 2024 10:07

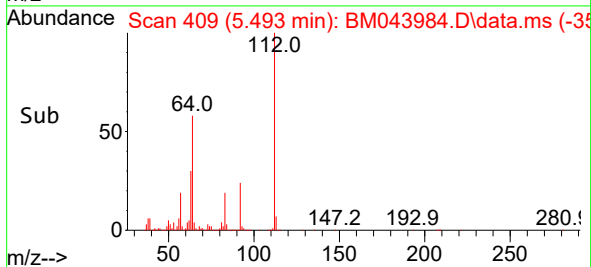
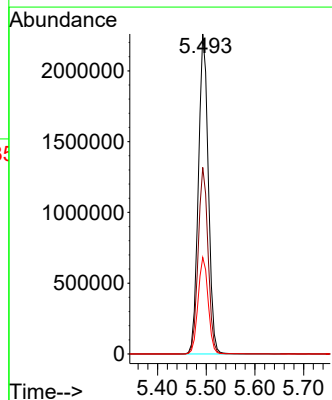
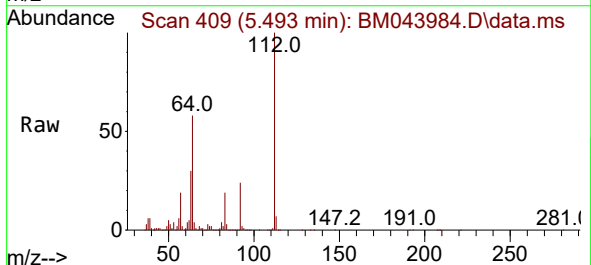
Instrument :
 BNA_M
 ClientSampleId :
 PB157637BL

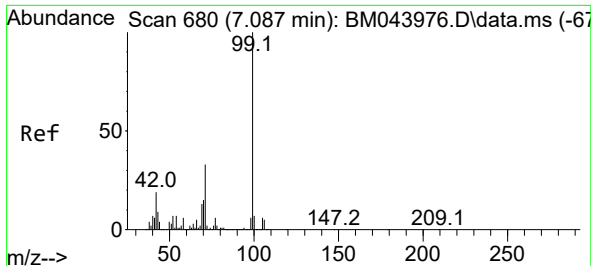
Tgt Ion:152 Resp: 339403
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.1 189.1
 115 60.1 48.2 72.2



#5
 2-Fluorophenol
 Concen: 140.125 ng
 RT: 5.493 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BM043984.D
 Acq: 06 Feb 2024 10:07

Tgt Ion:112 Resp: 3220543
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.6 70.0
 63 30.2 24.2 36.4

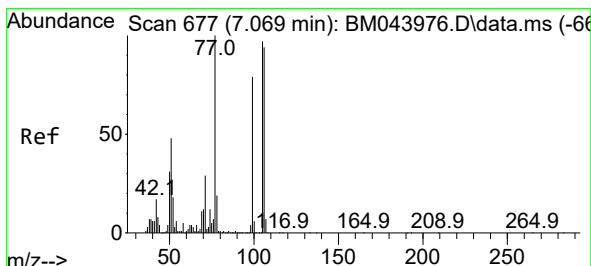
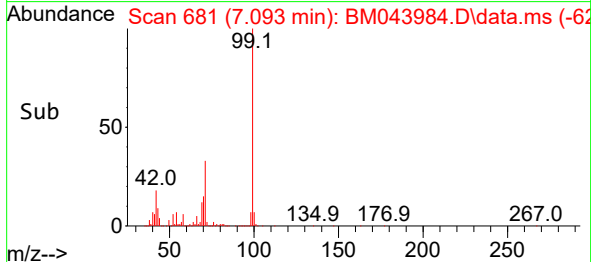
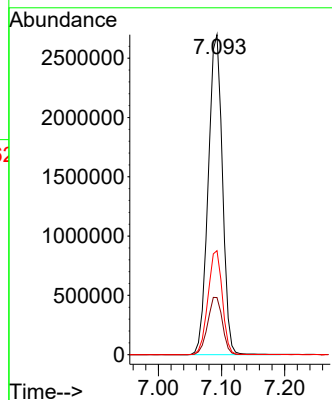
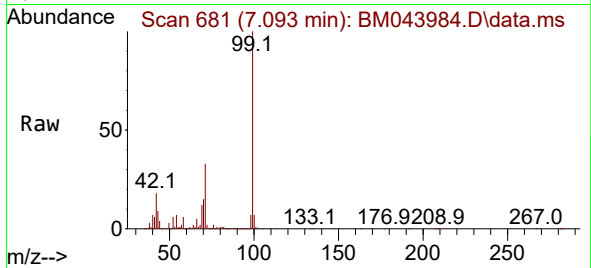




#7
Phenol-d6
Concen: 124.068 ng
RT: 7.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

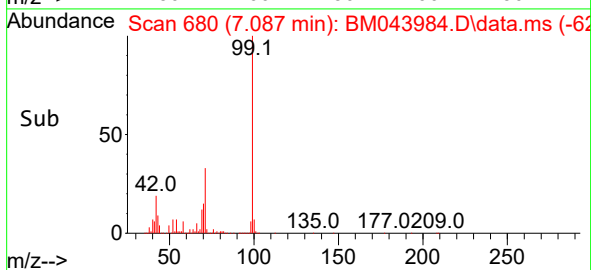
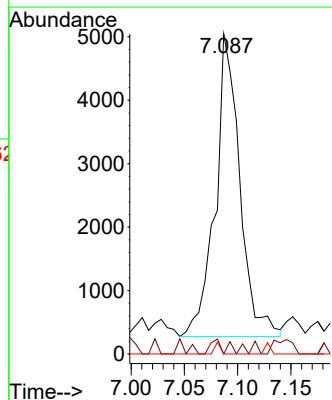
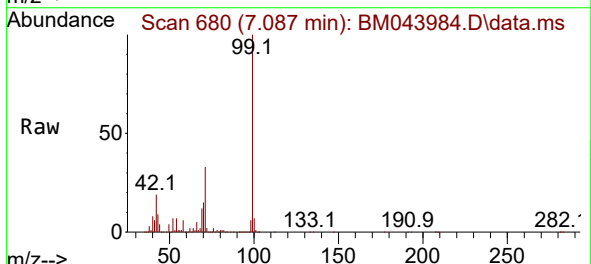
Instrument :
BNA_M
ClientSampleId :
PB157637BL

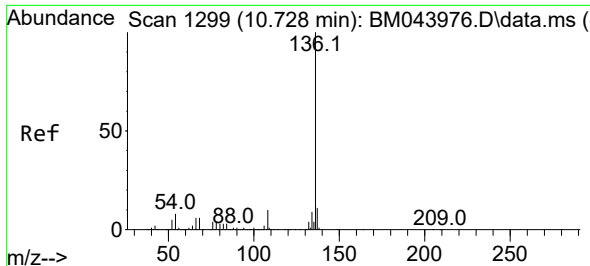
Tgt Ion: 99 Resp: 4213110
Ion Ratio Lower Upper
99 100
42 17.9 14.9 22.3
71 32.5 26.3 39.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.087 min Scan# 680
Delta R.T. 0.018 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

Tgt Ion: 77 Resp: 7606
Ion Ratio Lower Upper
77 100
105 0.0 77.4 117.4#
106 0.0 73.5 113.5#

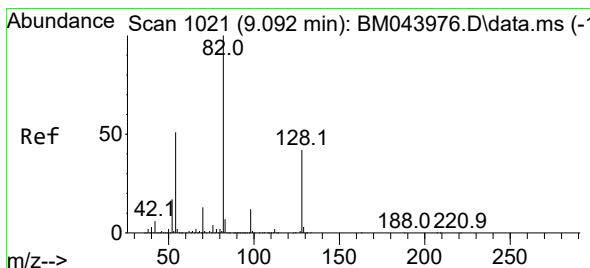
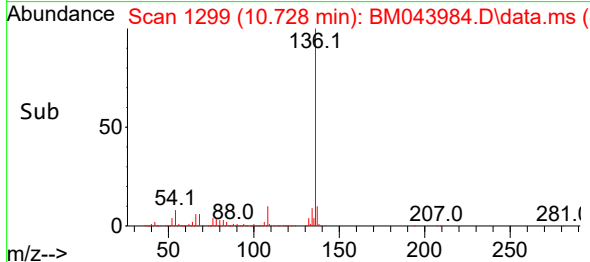
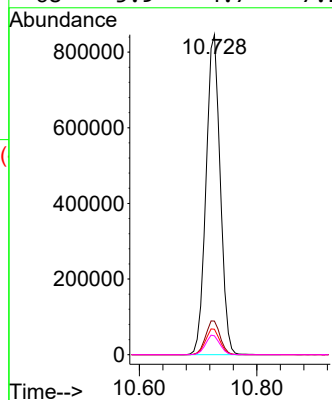
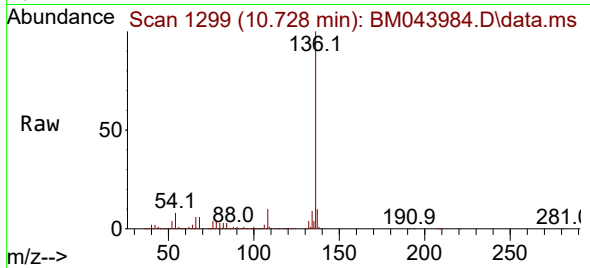




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

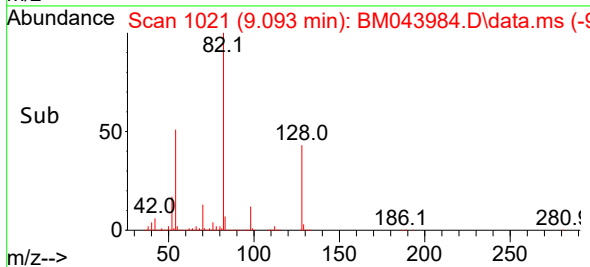
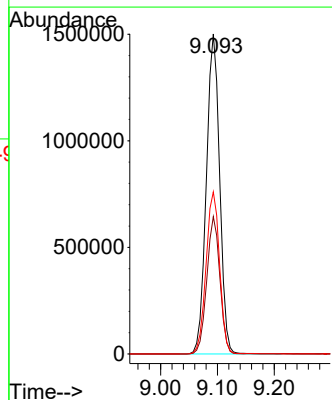
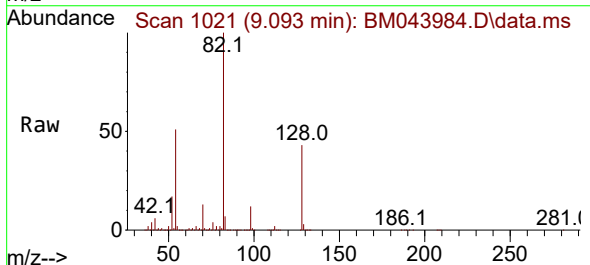
Instrument :
BNA_M
ClientSampleId :
PB157637BL

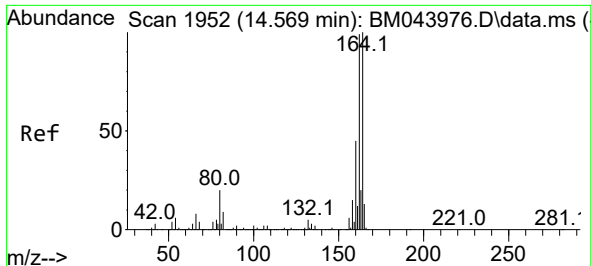
Tgt Ion:136 Resp: 1410920
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.0 6.5 9.7
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.062 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.001 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

Tgt Ion: 82 Resp: 2431136
Ion Ratio Lower Upper
82 100
128 42.9 33.9 50.9
54 50.7 41.1 61.7

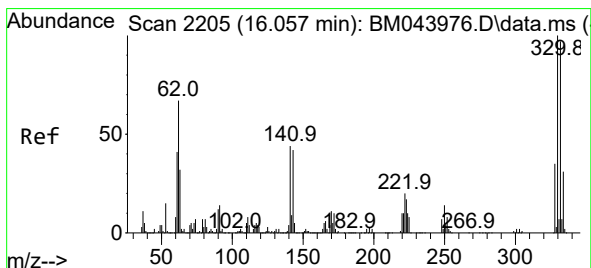
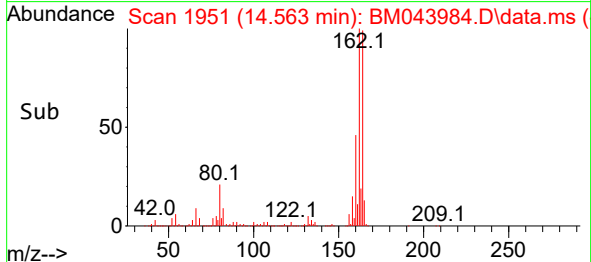
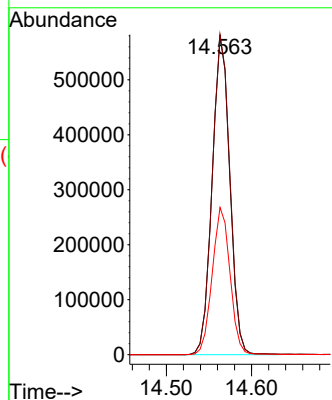
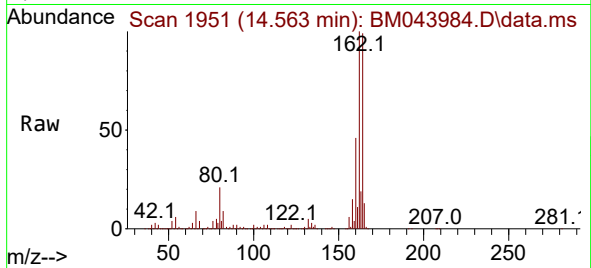




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

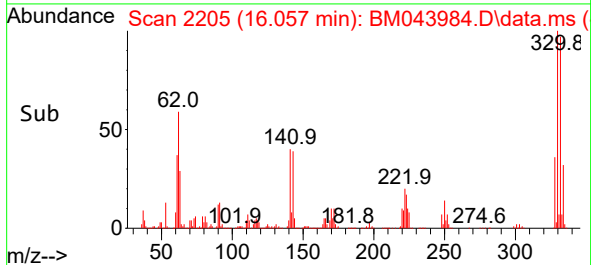
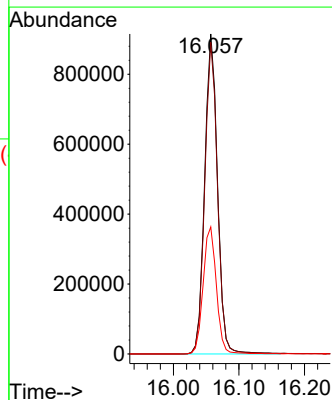
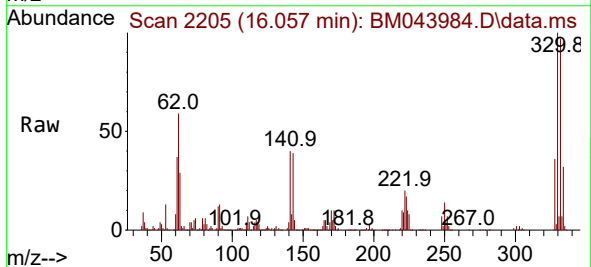
Instrument :
BNA_M
ClientSampleId :
PB157637BL

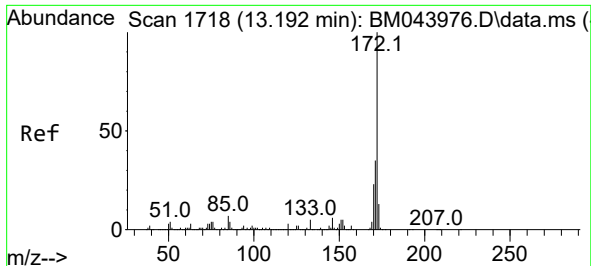
Tgt Ion:164 Resp: 834479
Ion Ratio Lower Upper
164 100
162 100.6 79.0 118.4
160 46.3 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 122.979 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

Tgt Ion:330 Resp: 1250970
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 40.9 33.5 50.3

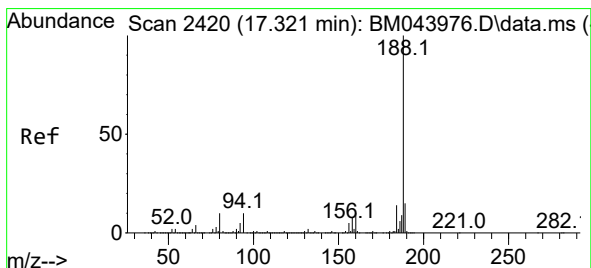
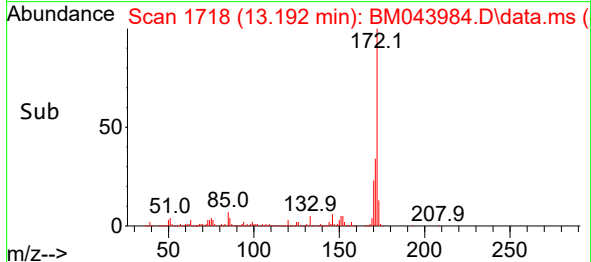
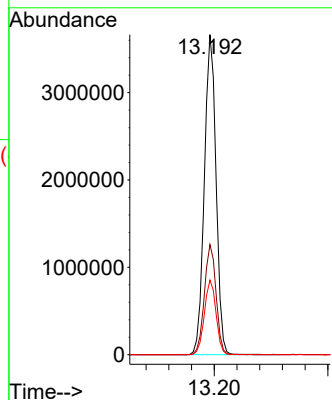
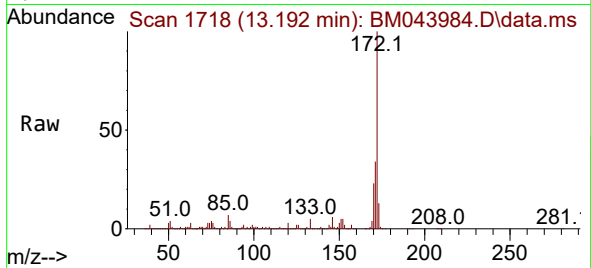




#45
2-Fluorobiphenyl
Concen: 86.020 ng
RT: 13.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

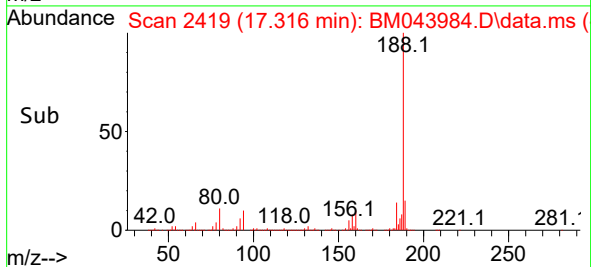
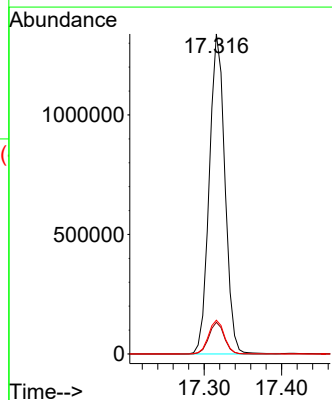
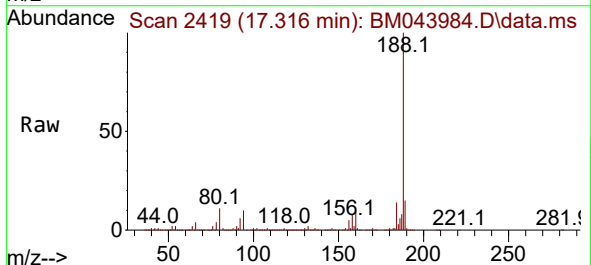
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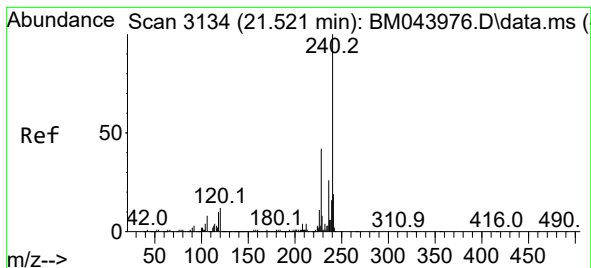
Tgt Ion:172 Resp: 5224045
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.3 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

Tgt Ion:188 Resp: 1877388
Ion Ratio Lower Upper
188 100
94 9.9 7.7 11.5
80 10.6 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043984.D

Acq: 06 Feb 2024 10:07

Instrument :

BNA_M

ClientSampleId :

PB157637BL

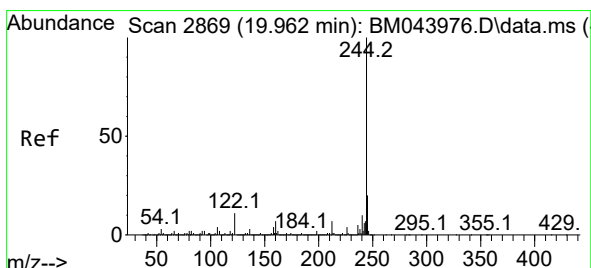
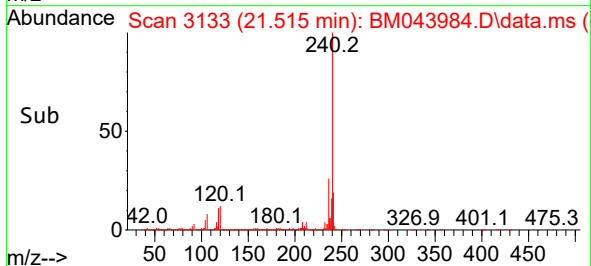
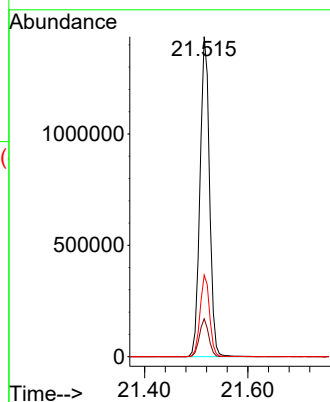
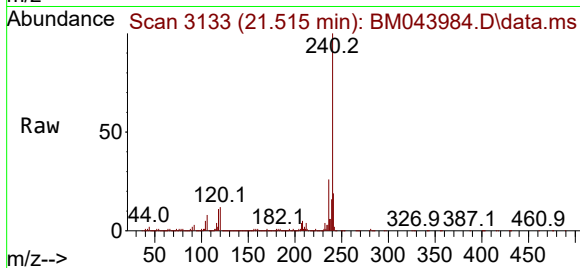
Tgt Ion:240 Resp: 1831435

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 95.950 ng

RT: 19.957 min Scan# 2868

Delta R.T. -0.005 min

Lab File: BM043984.D

Acq: 06 Feb 2024 10:07

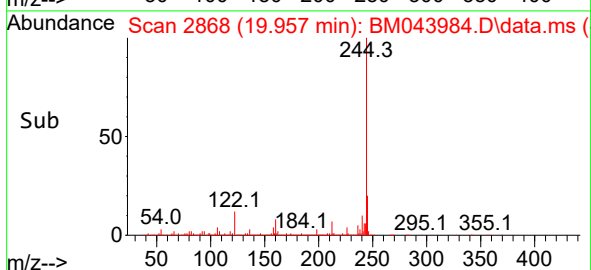
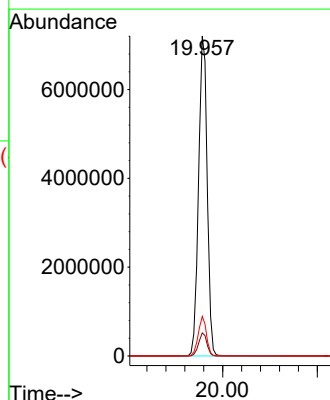
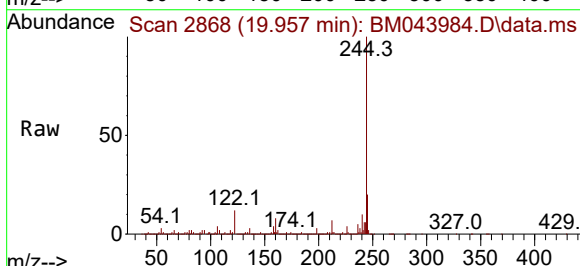
Tgt Ion:244 Resp: 9103047

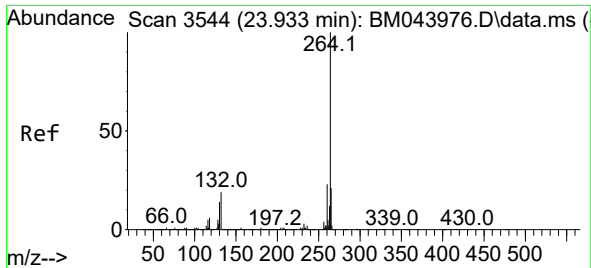
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.4 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043984.D
Acq: 06 Feb 2024 10:07

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 2132513

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.4	17.2	25.8

