

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039209.D
 Acq On : 29 Mar 2023 17:51
 Operator : CG/JU
 Sample : PB151670BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151670BL

Quant Time: Mar 30 05:54:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	203056	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	788451	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	434431	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	860706	20.000	ng	0.00
76) Chrysene-d12	21.503	240	723927	20.000	ng	0.00
86) Perylene-d12	23.921	264	829985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1805209	133.940	ng	0.00
7) Phenol-d6	7.098	99	2222308	127.481	ng	0.00
23) Nitrobenzene-d5	9.098	82	1350349	83.239	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	656248	119.000	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2748004	85.705	ng	0.00
79) Terphenyl-d14	19.945	244	3678196	93.872	ng	0.00

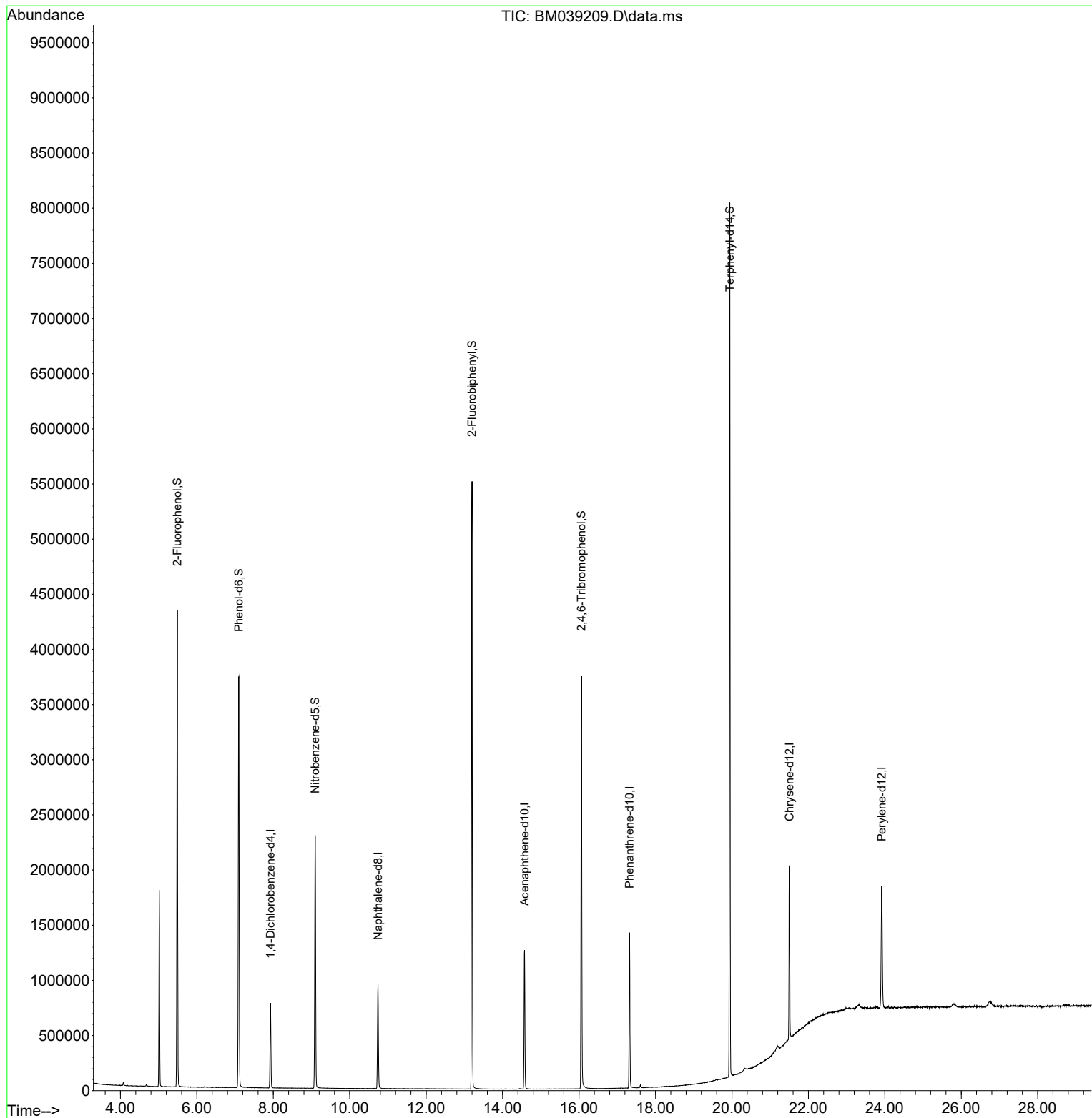
Target Compounds	Qvalue
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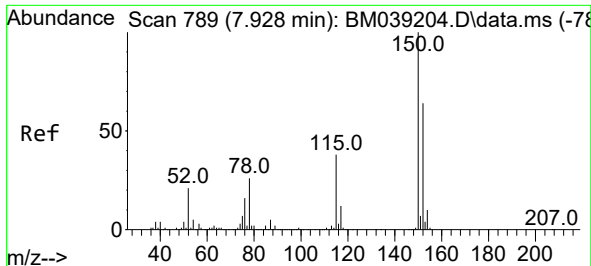
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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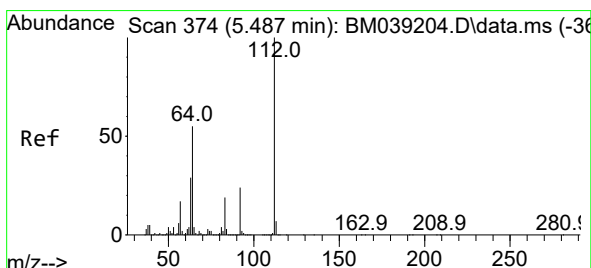
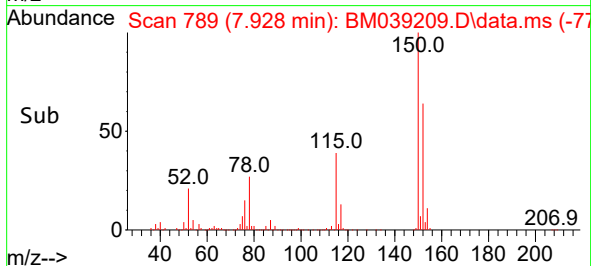
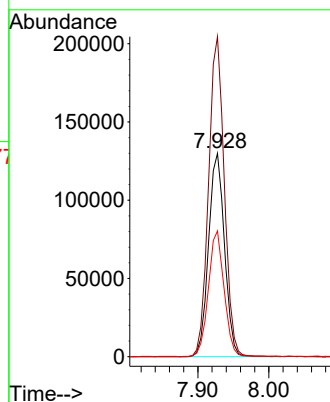
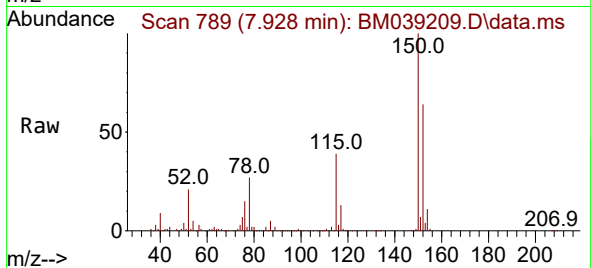




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 789
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

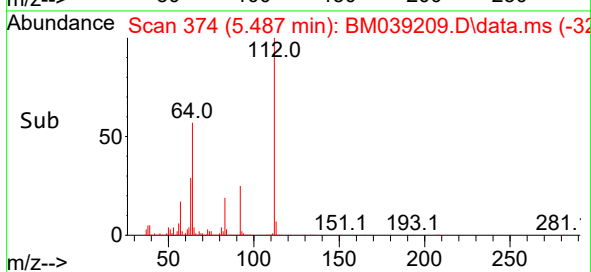
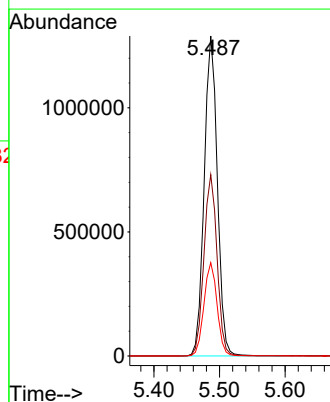
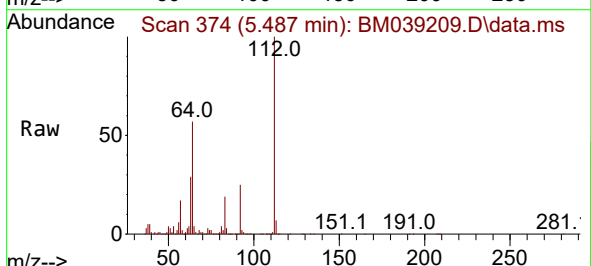
Instrument :
BNA_M
ClientSampleId :
PB151670BL

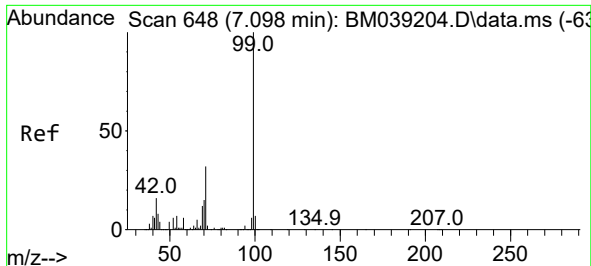
Tgt Ion:152 Resp: 203056
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 133.940 ng
RT: 5.487 min Scan# 374
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

Tgt Ion:112 Resp: 1805209
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.2 23.0 34.6

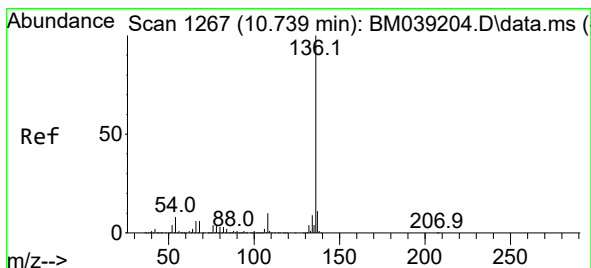
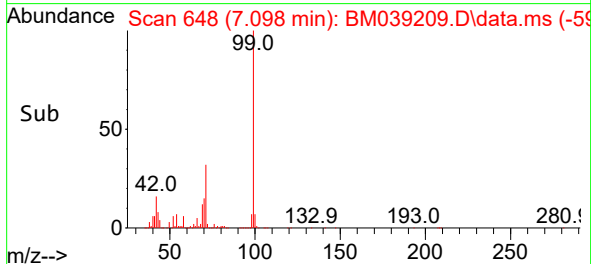
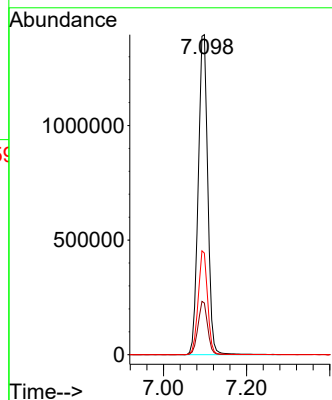
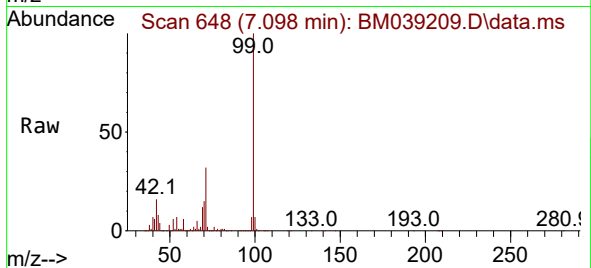




#7
Phenol-d6
Concen: 127.481 ng
RT: 7.098 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

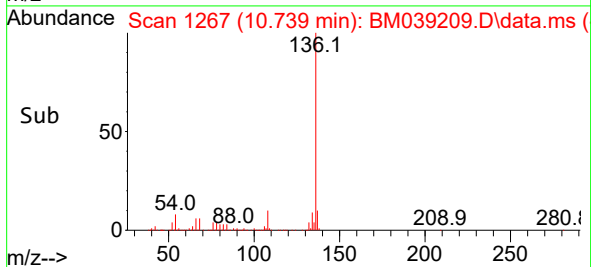
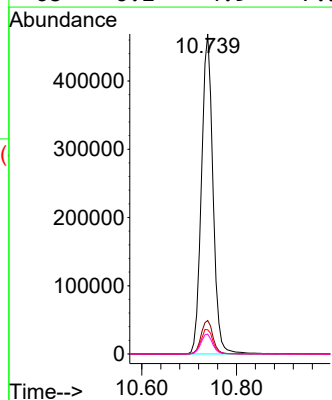
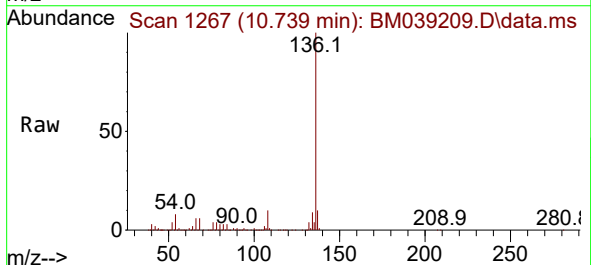
Instrument :
BNA_M
ClientSampleId :
PB151670BL

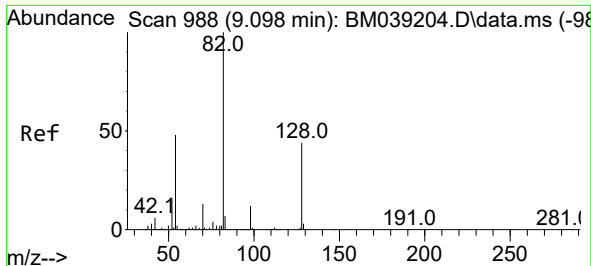
Tgt Ion: 99 Resp: 2222308
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.6
71 31.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

Tgt Ion: 136 Resp: 788451
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.6 6.2 9.4
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.239 ng

RT: 9.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB151670BL

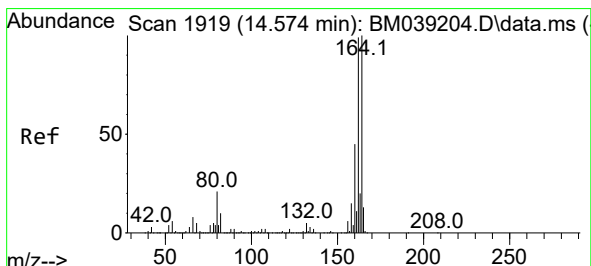
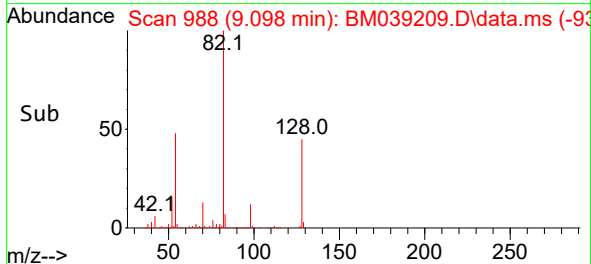
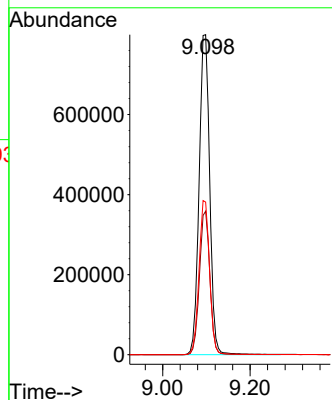
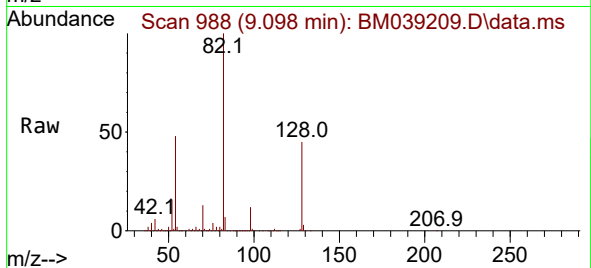
Tgt Ion: 82 Resp: 1350349

Ion Ratio Lower Upper

82 100

128 44.9 35.1 52.7

54 47.7 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

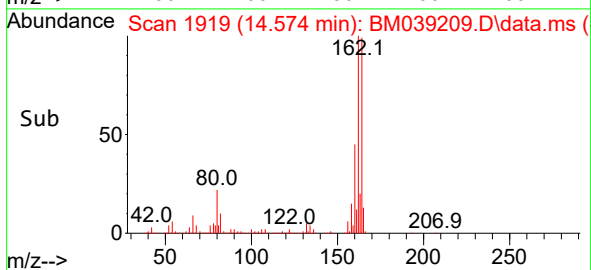
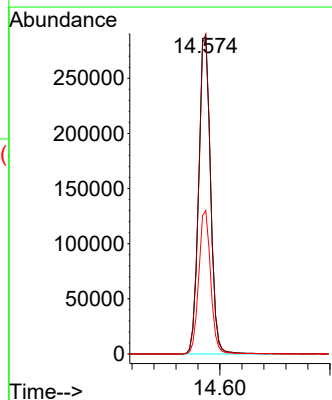
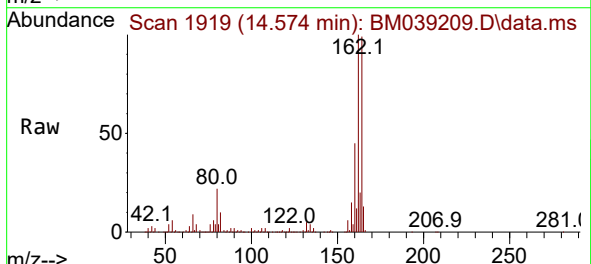
Tgt Ion: 164 Resp: 434431

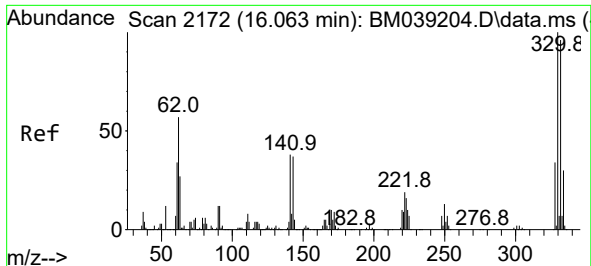
Ion Ratio Lower Upper

164 100

162 101.0 79.1 118.7

160 45.3 35.8 53.8

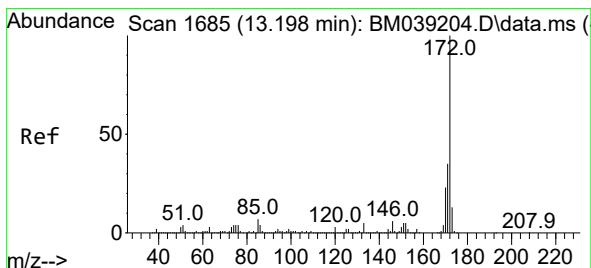
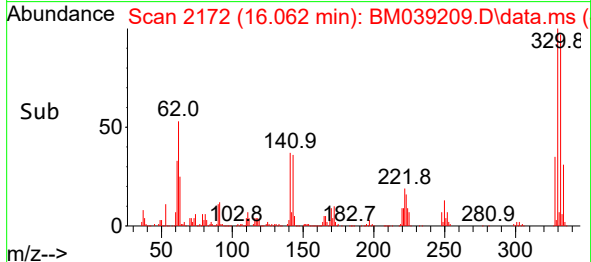
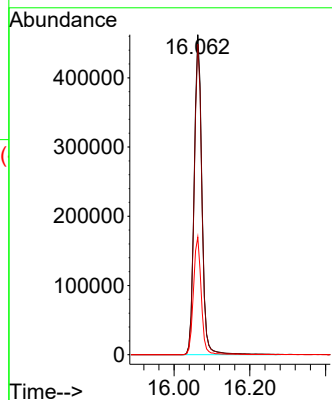
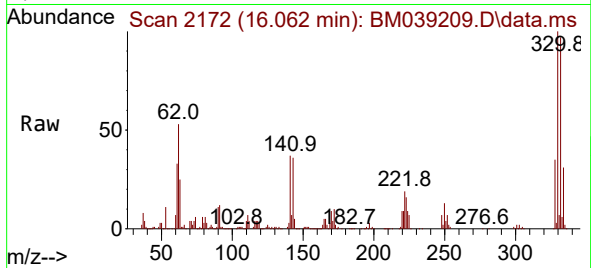




#42
2,4,6-Tribromophenol
Concen: 119.000 ng
RT: 16.062 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

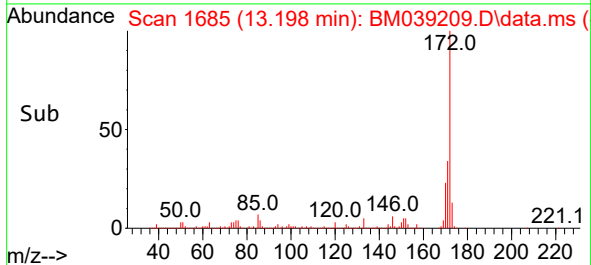
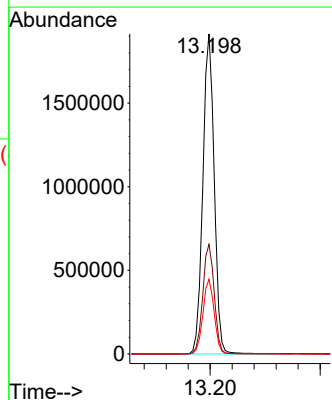
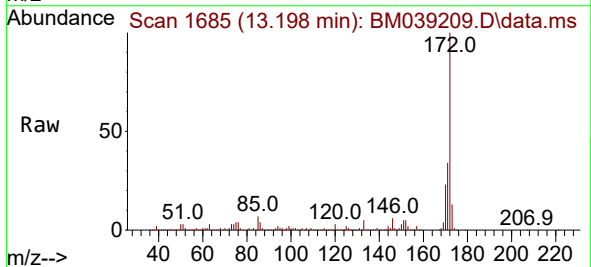
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BNA_M
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PB151670BL

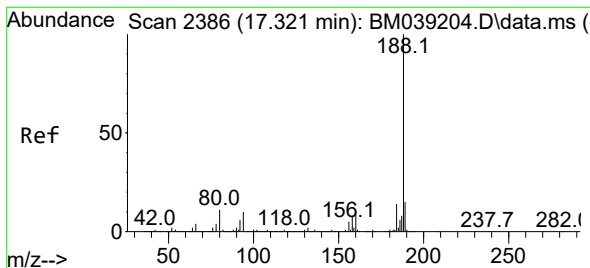
Tgt Ion:330 Resp: 656248
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 85.705 ng
RT: 13.198 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM039209.D
Acq: 29 Mar 2023 17:51

Tgt Ion:172 Resp: 2748004
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB151670BL

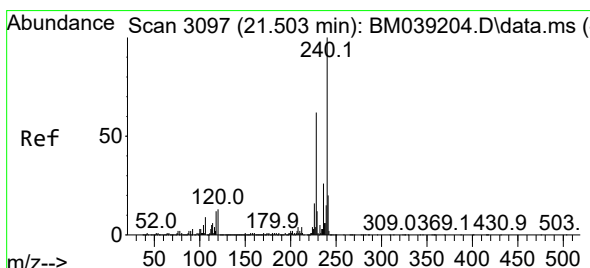
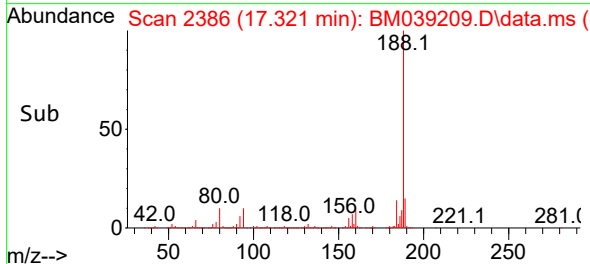
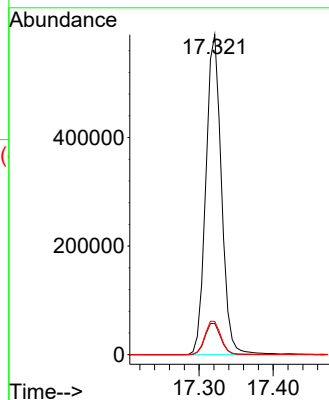
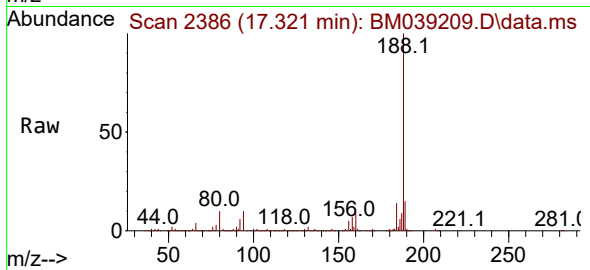
Tgt Ion:188 Resp: 860706

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.4 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

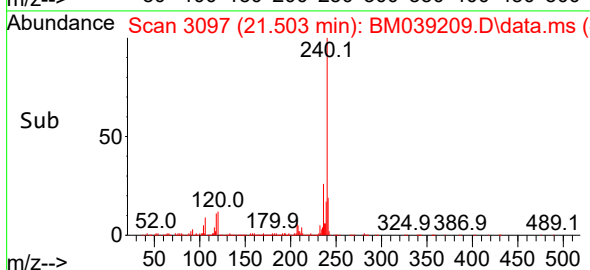
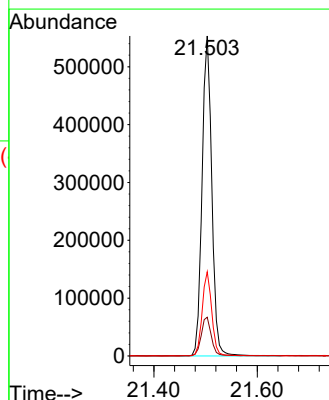
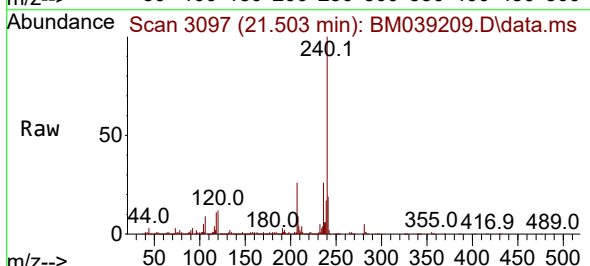
Tgt Ion:240 Resp: 723927

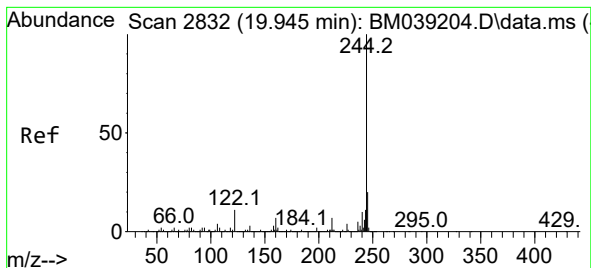
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 93.872 ng

RT: 19.945 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

PB151670BL

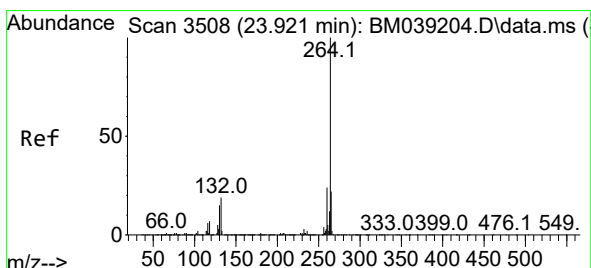
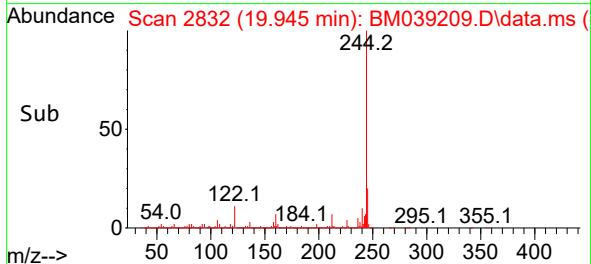
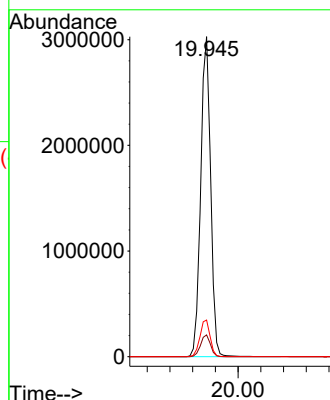
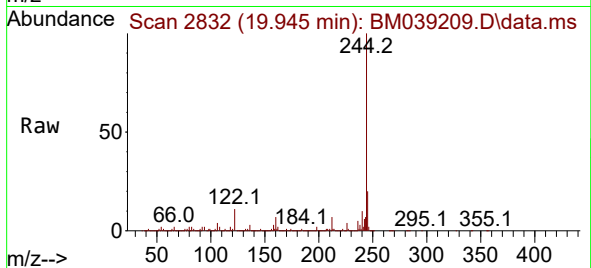
Tgt Ion:244 Resp: 3678196

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3508

Delta R.T. -0.000 min

Lab File: BM039209.D

Acq: 29 Mar 2023 17:51

Tgt Ion:264 Resp: 829985

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.3 18.1 27.1

