

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042688.D
 Acq On : 10 Nov 2023 13:10
 Operator : MA/JU
 Sample : 05279-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-1

Quant Time: Nov 10 13:47:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	43136	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	164529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	118941	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	267681	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	222847	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	229301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	450490	168.545	ng	0.00
7) Phenol-d6	7.016	99	569597	155.387	ng	0.00
23) Nitrobenzene-d5	9.051	82	450694	127.696	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	356897	229.830	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	1048817	118.654	ng	0.00
79) Terphenyl-d14	19.874	244	2083003	158.492	ng	0.00

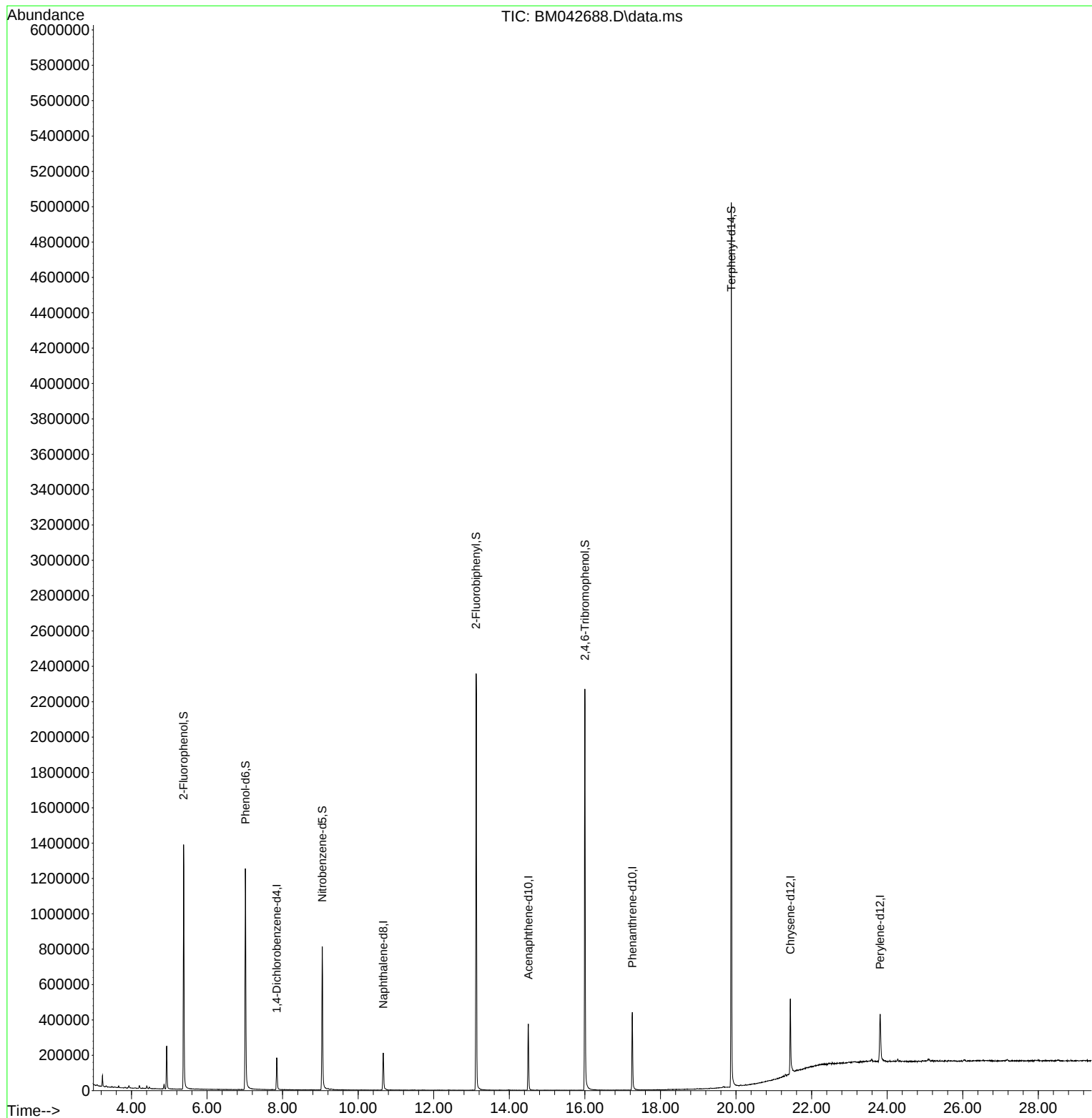
Target Compounds	Qvalue

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

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QLast Update : Thu Nov 09 13:21:00 2023
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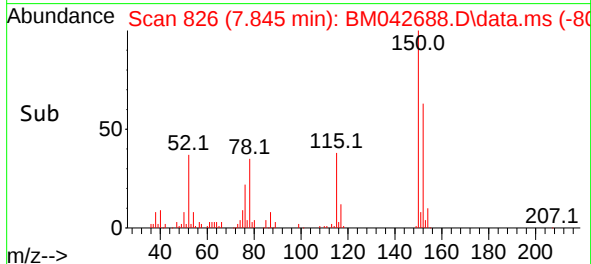
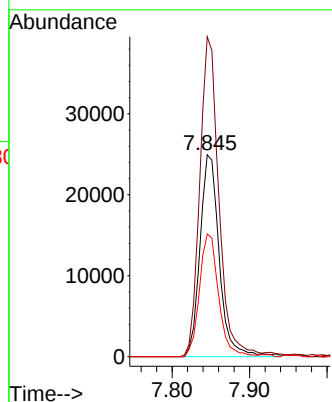
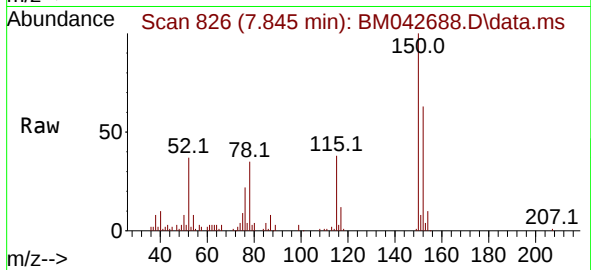




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

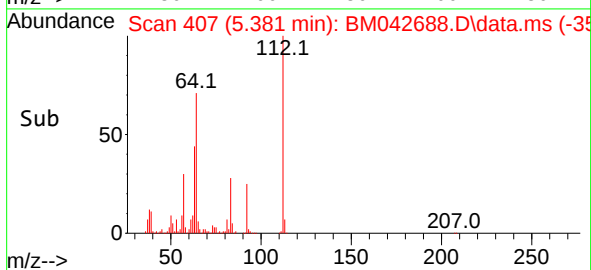
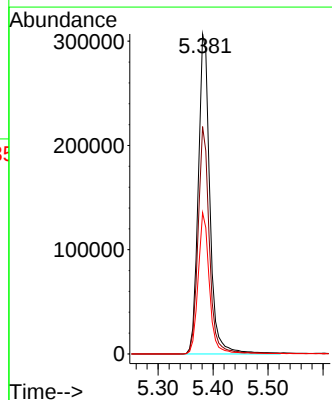
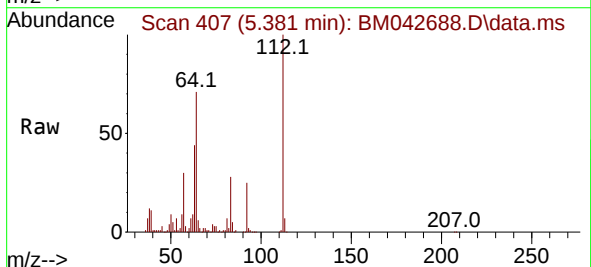
Instrument :
BNA_M
ClientSampleId :
MH-1

Tgt Ion:152 Resp: 43136
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 60.8 47.9 71.9



#5
2-Fluorophenol
Concen: 168.545 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

Tgt Ion:112 Resp: 450490
Ion Ratio Lower Upper
112 100
64 71.1 52.1 78.1
63 44.1 28.3 42.5#

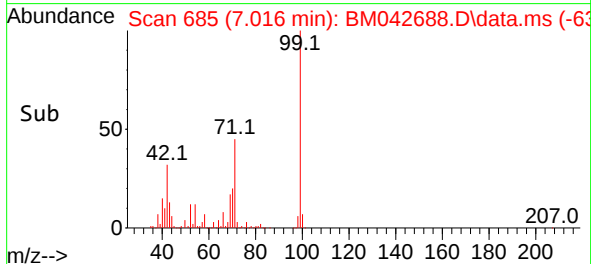
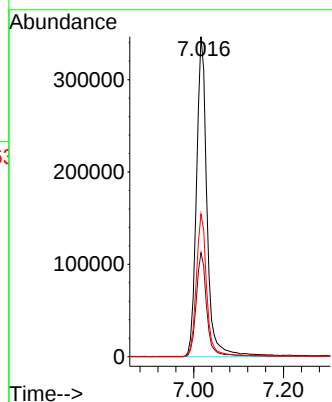
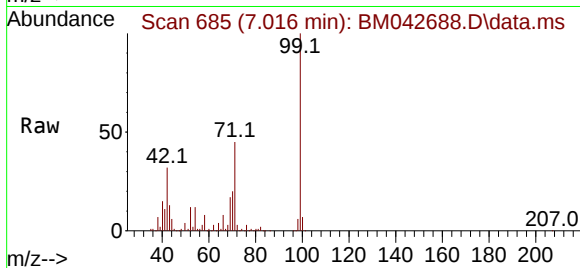




#7
Phenol-d6
Concen: 155.387 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

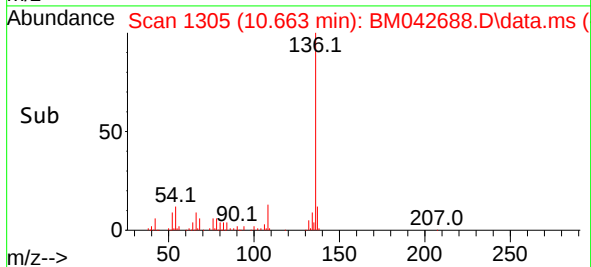
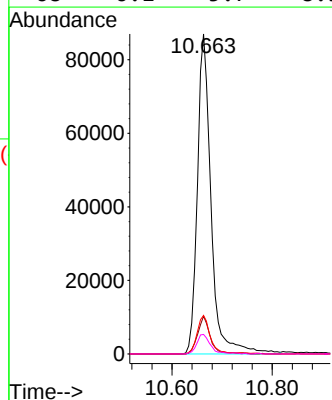
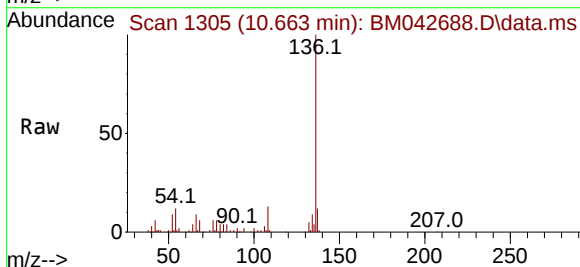
Instrument :
BNA_M
ClientSampleId :
MH-1

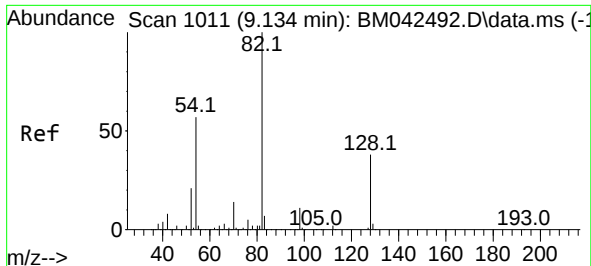
Tgt Ion: 99 Resp: 569597
Ion Ratio Lower Upper
99 100
42 32.5 18.7 28.1#
71 44.6 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

Tgt Ion:136 Resp: 164529
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 12.1 8.0 12.0#
68 6.1 5.7 8.5

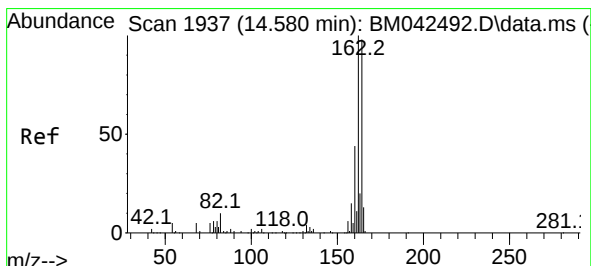
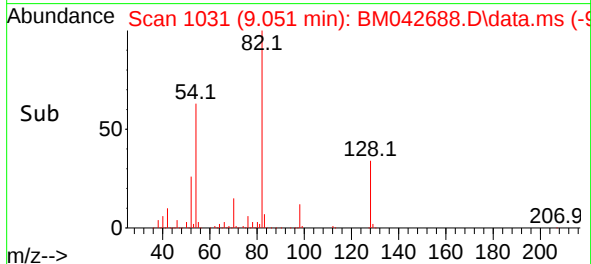
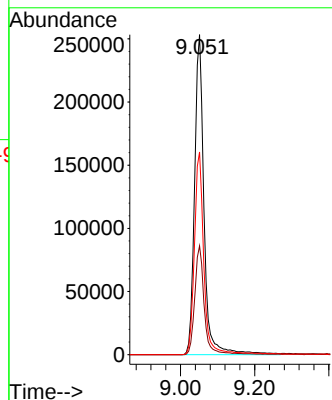
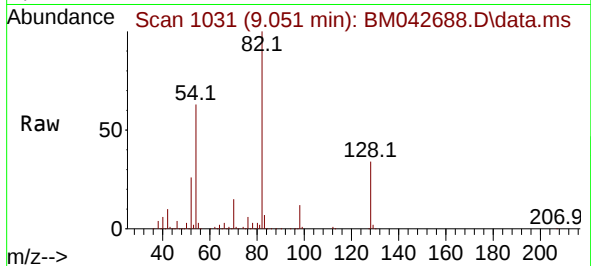




#23
Nitrobenzene-d5
Concen: 127.696 ng
RT: 9.051 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

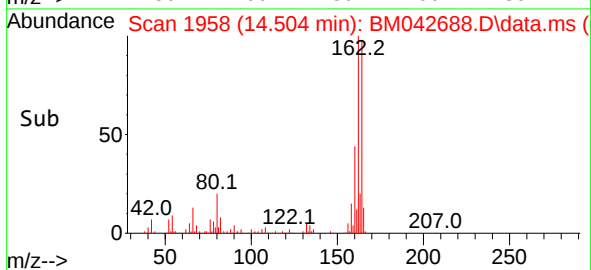
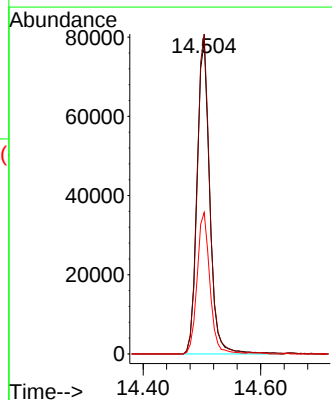
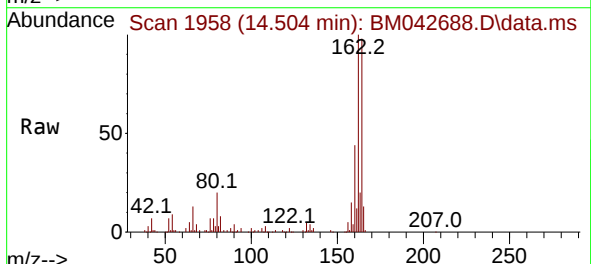
Instrument :
BNA_M
ClientSampleId :
MH-1

Tgt Ion: 82 Resp: 450694
Ion Ratio Lower Upper
82 100
128 34.0 30.7 46.1
54 63.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

Tgt Ion:164 Resp: 118941
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 45.3 36.2 54.4

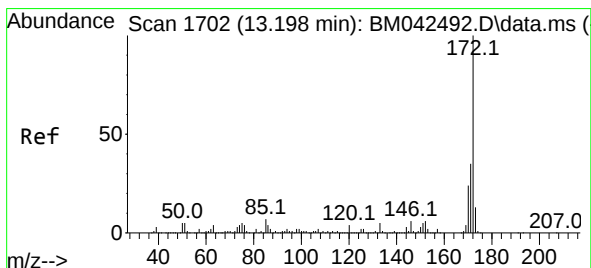
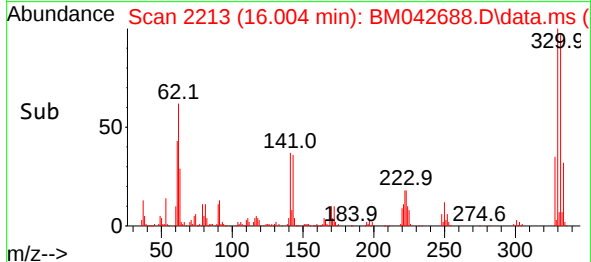
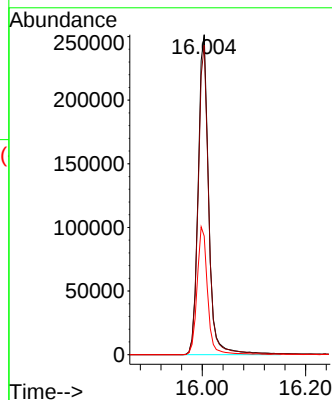
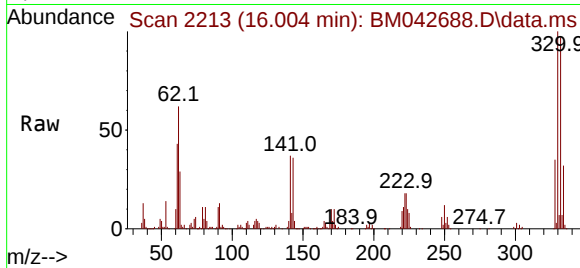




#42
2,4,6-Tribromophenol
Concen: 229.830 ng
RT: 16.004 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

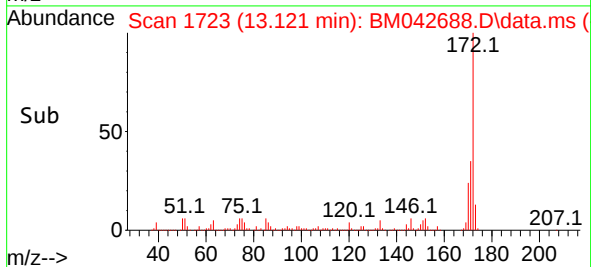
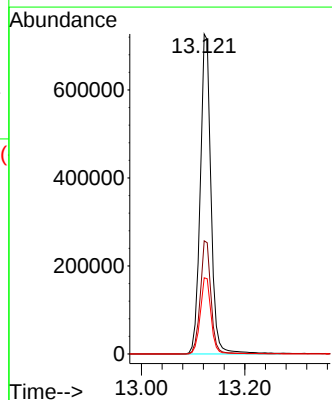
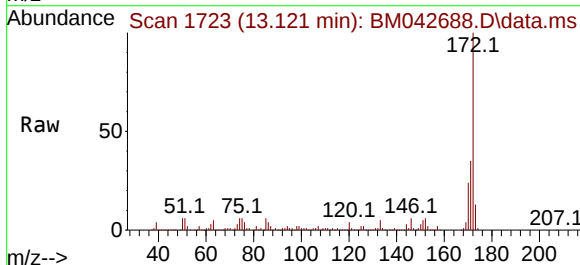
Instrument :
BNA_M
ClientSampleId :
MH-1

Tgt Ion:330 Resp: 356897
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 39.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 118.654 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042688.D
Acq: 10 Nov 2023 13:10

Tgt Ion:172 Resp: 1048817
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.256 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042688.D

Acq: 10 Nov 2023 13:10

Instrument :

BNA_M

ClientSampleId :

MH-1

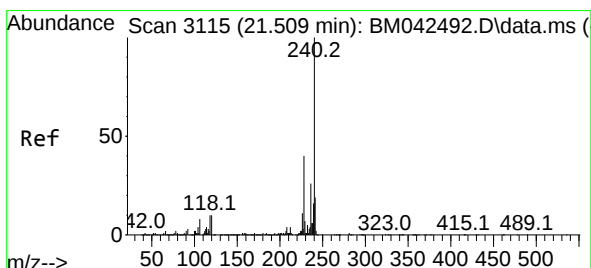
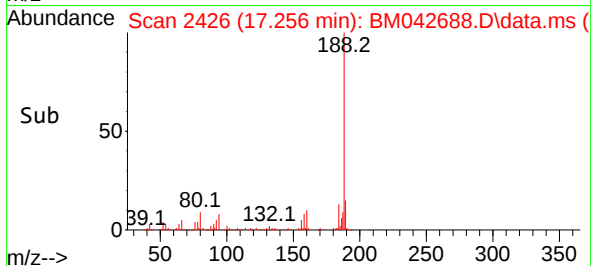
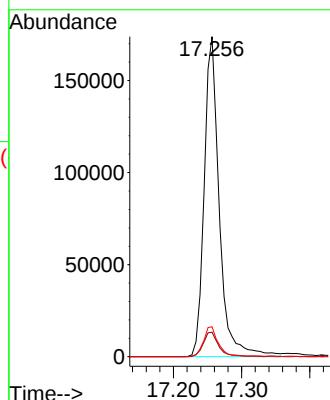
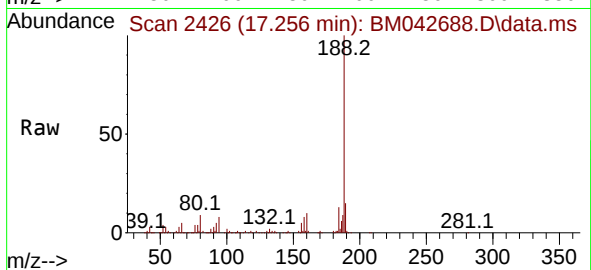
Tgt Ion:188 Resp: 267681

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.4#

80 9.4 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BM042688.D

Acq: 10 Nov 2023 13:10

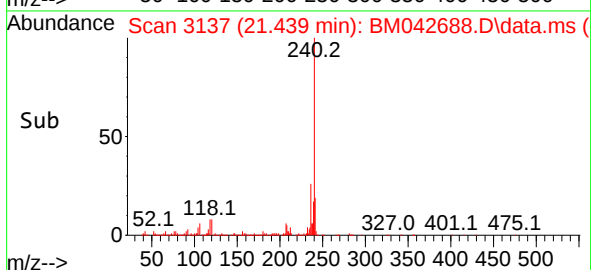
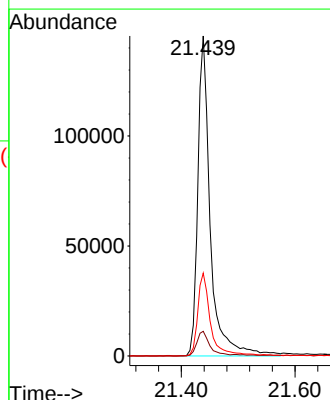
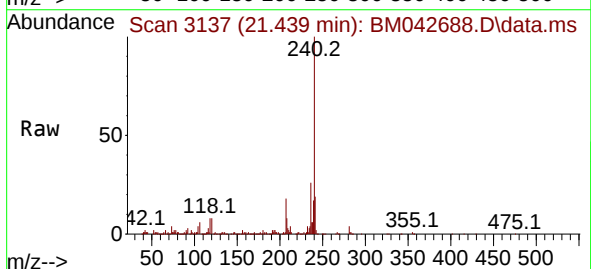
Tgt Ion:240 Resp: 222847

Ion Ratio Lower Upper

240 100

120 7.7 8.3 12.5#

236 25.9 20.8 31.2

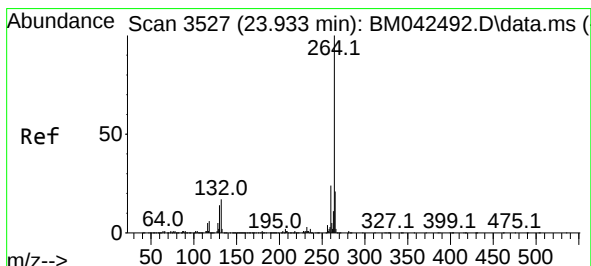
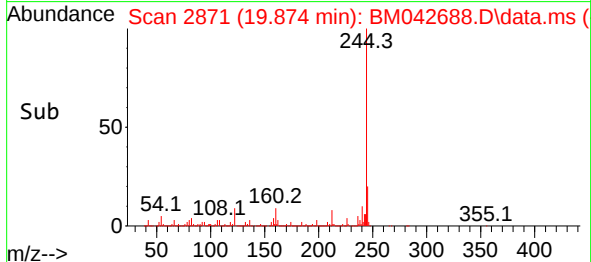
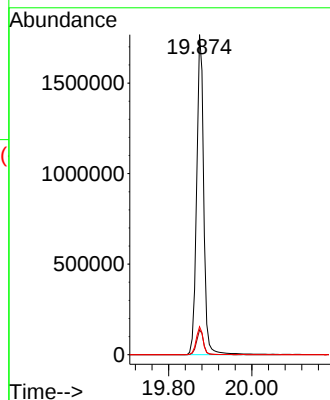
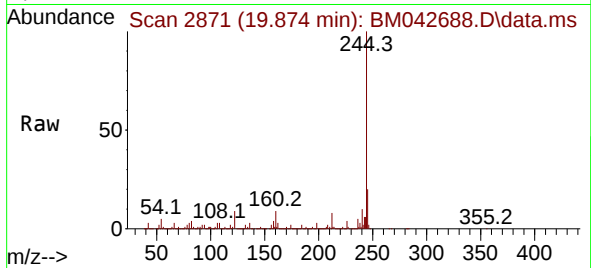




#79
 Terphenyl-d14
 Concen: 158.492 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042688.D
 Acq: 10 Nov 2023 13:10

Instrument :
 BNA_M
 ClientSampleId :
 MH-1

Tgt Ion:244 Resp: 2083003
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 8.7 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: BM042688.D
 Acq: 10 Nov 2023 13:10

Tgt Ion:264 Resp: 229301
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.0 18.7 28.1

