

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041224.D
 Acq On : 01 Aug 2023 14:40
 Operator : MA/JU
 Sample : 03769-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P14B

Quant Time: Aug 01 15:56:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

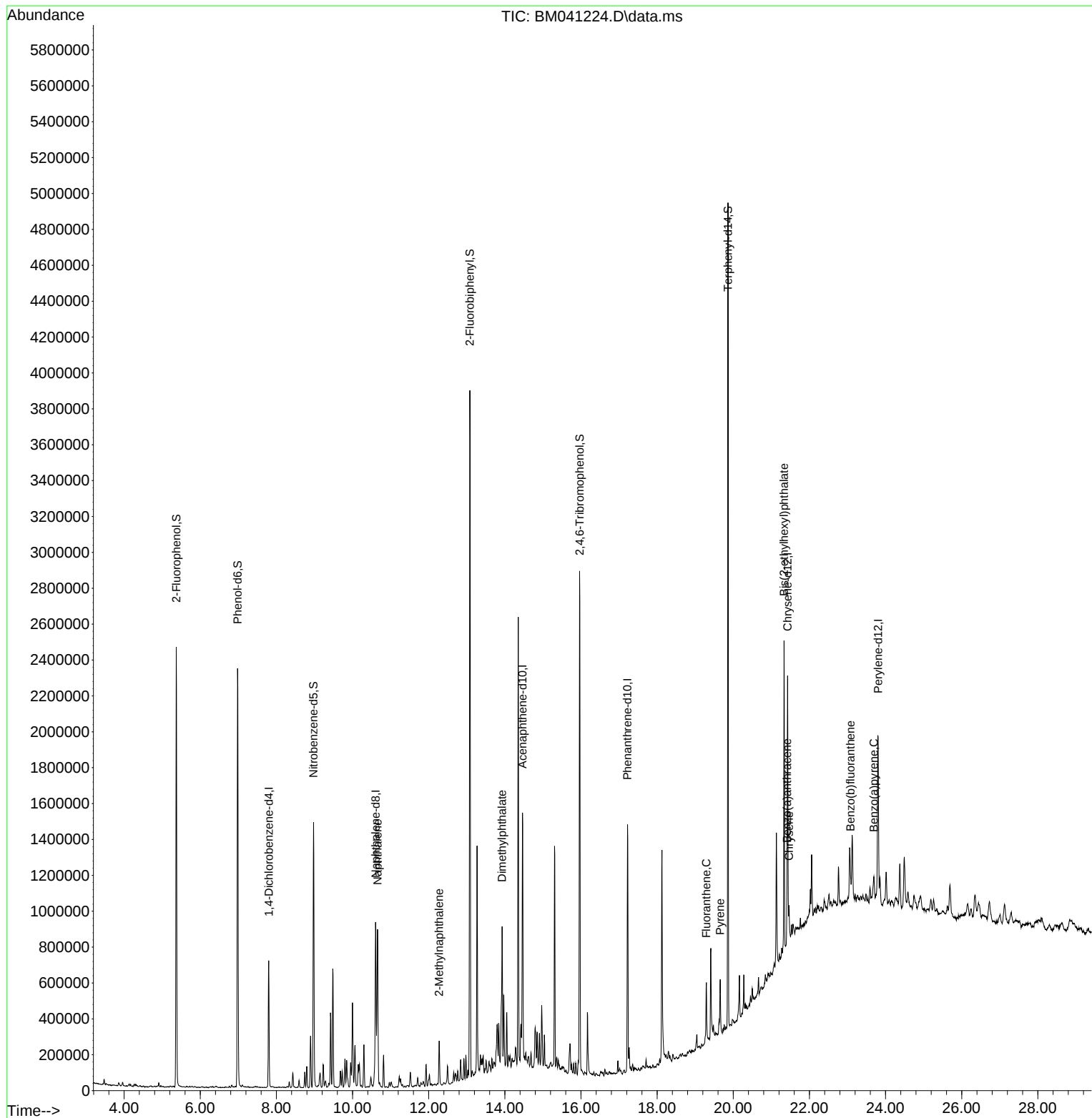
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	179347	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	731030	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	431112	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	830194	20.000	ng	0.00
76) Chrysene-d12	21.427	240	620073	20.000	ng	0.00
86) Perylene-d12	23.803	264	702348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	995204	82.935	ng	0.00
7) Phenol-d6	6.981	99	1310961	84.281	ng	0.00
23) Nitrobenzene-d5	8.975	82	817714	52.019	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	517210	84.818	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1892680	55.459	ng	0.00
79) Terphenyl-d14	19.862	244	2121489	61.860	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.657	128	544466	13.725	ng	99
37) 2-Methylnaphthalene	12.275	142	114360	4.276	ng	99
50) Dimethylphthalate	13.927	163	149656	4.615	ng	100
75) Fluoranthene	19.292	202	159951	3.087	ng	98
78) Pyrene	19.657	202	174281	4.019	ng	99
81) Benzo(a)anthracene	21.409	228	91981	2.188	ng	95
83) Chrysene	21.462	228	94568	2.326	ng	97
84) Bis(2-ethylhexyl)phtha...	21.333	149	558524	23.574	ng	98
88) Benzo(b)fluoranthene	23.080	252	108949	2.611	ng	# 87
90) Benzo(a)pyrene	23.692	252	84072	2.097	ng	# 87

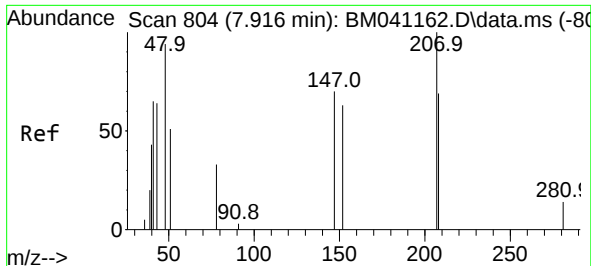
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041224.D
Acq On : 01 Aug 2023 14:40
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P14B

Quant Time: Aug 01 15:56:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

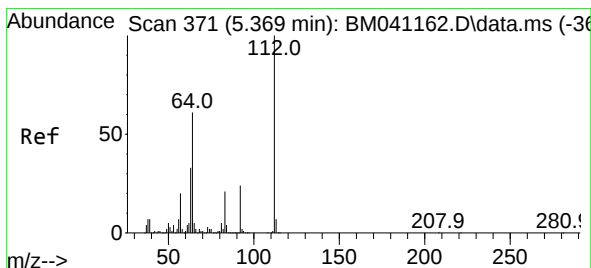
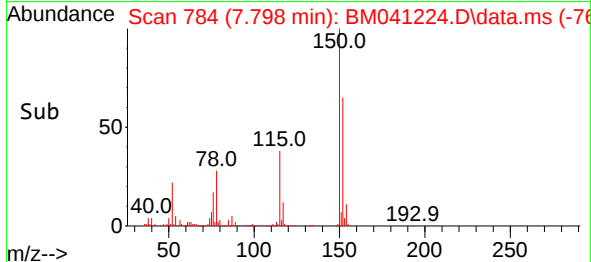
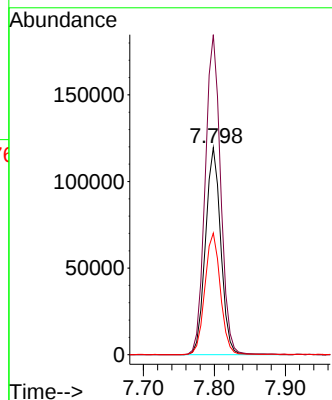
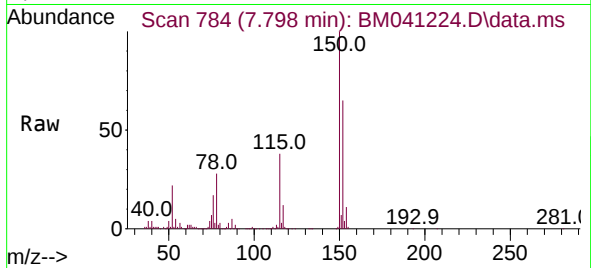




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

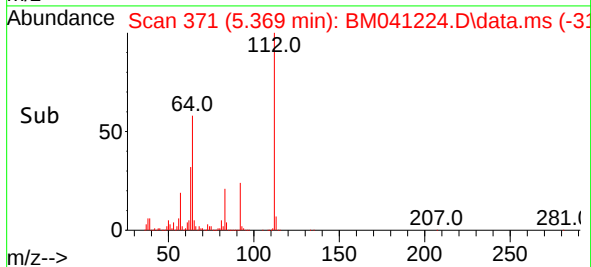
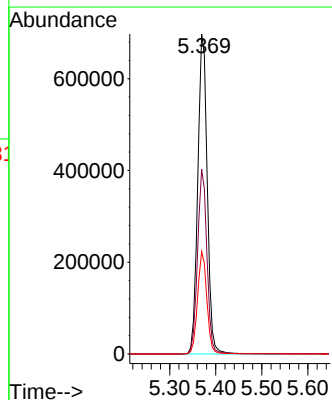
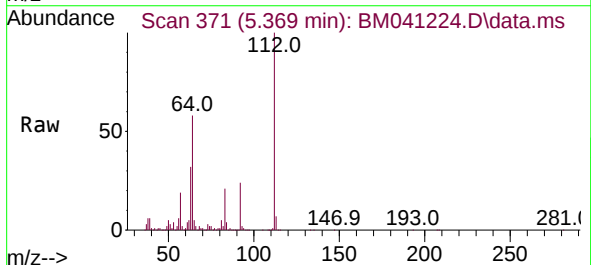
Instrument :
BNA_M
ClientSampleId :
B-P14B

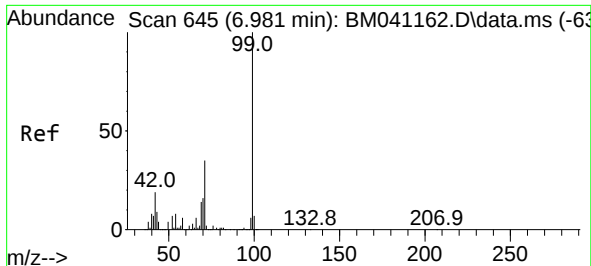
Tgt Ion:152 Resp: 179347
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 58.8 48.0 72.0



#5
2-Fluorophenol
Concen: 82.935 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:112 Resp: 995204
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 32.1 26.5 39.7

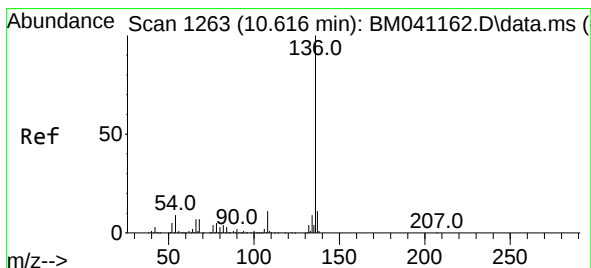
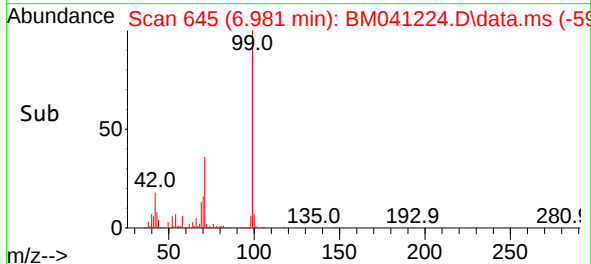
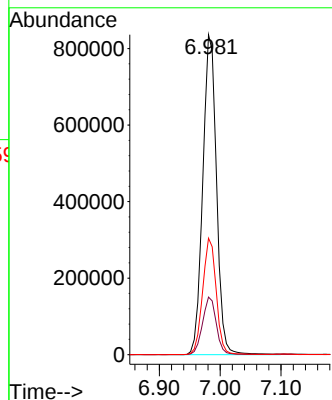
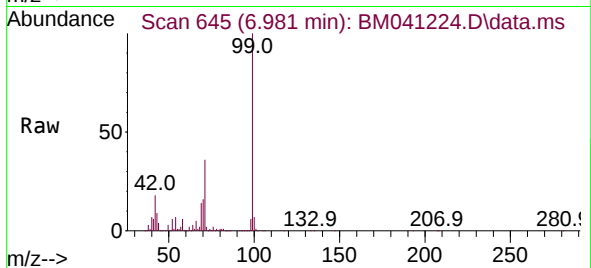




#7
Phenol-d6
Concen: 84.281 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

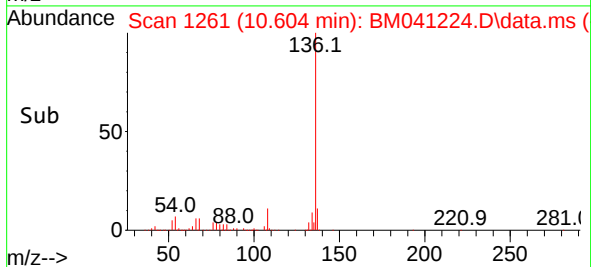
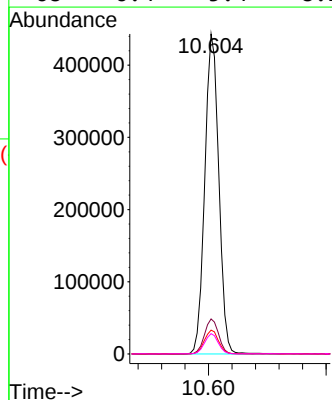
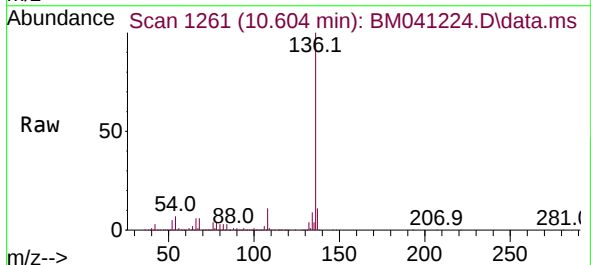
Instrument :
BNA_M
ClientSampleId :
B-P14B

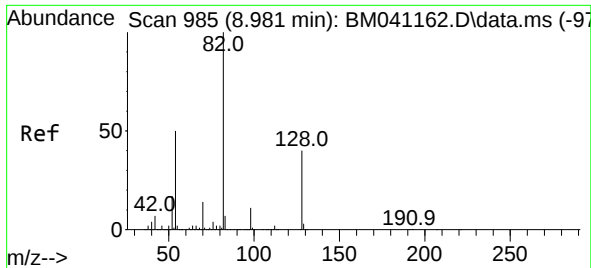
Tgt Ion: 99 Resp: 1310961
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion: 136 Resp: 731030
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.9 10.3
68 6.4 5.4 8.2

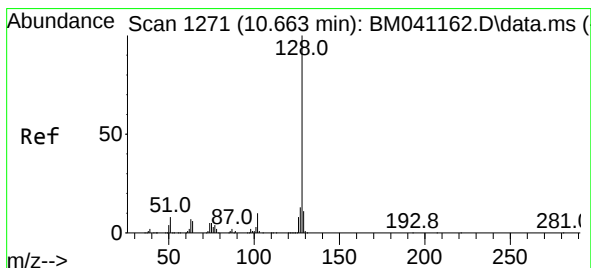
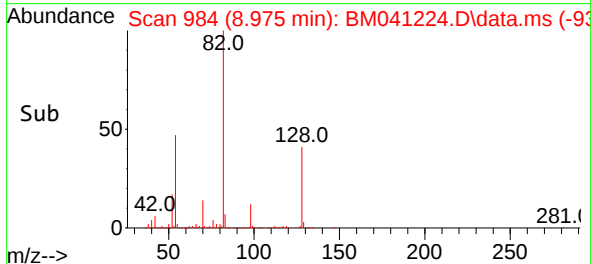
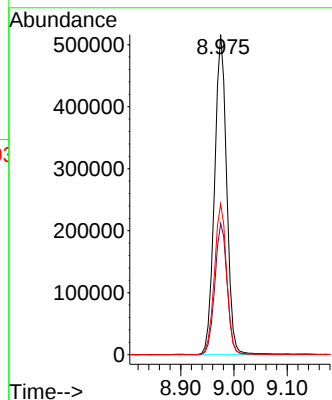
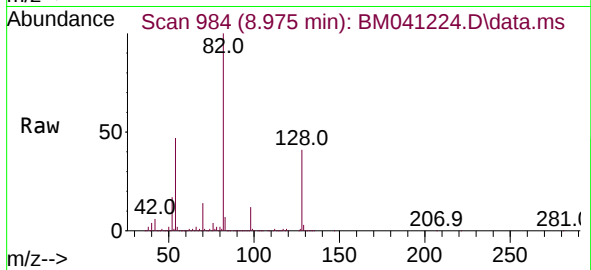




#23
Nitrobenzene-d5
Concen: 52.019 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

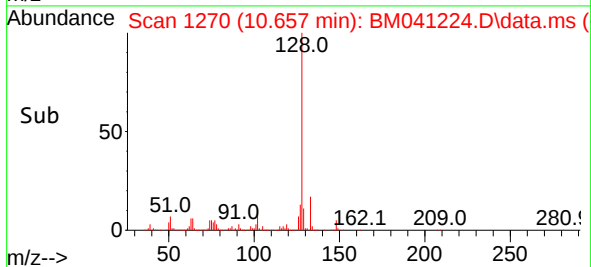
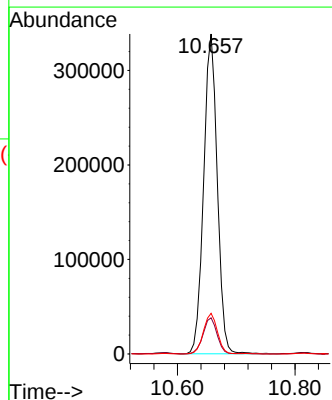
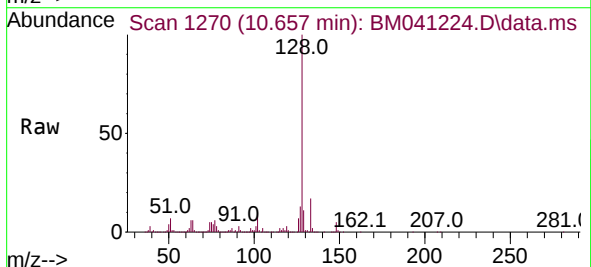
Instrument :
BNA_M
ClientSampleId :
B-P14B

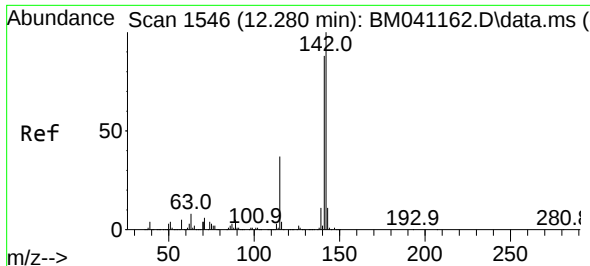
Tgt Ion: 82 Resp: 817714
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 47.1 40.1 60.1



#31
Naphthalene
Concen: 13.725 ng
RT: 10.657 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion: 128 Resp: 544466
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.7 10.5 15.7

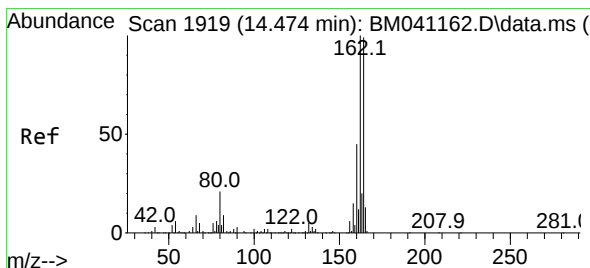
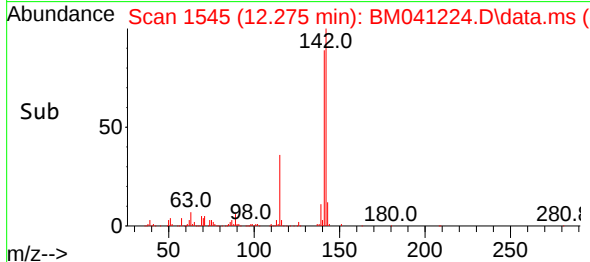
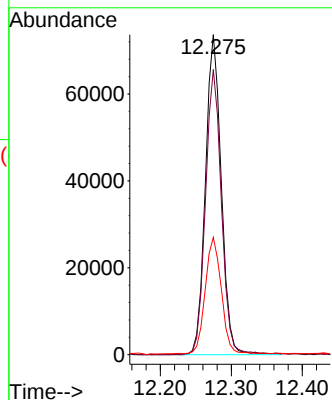
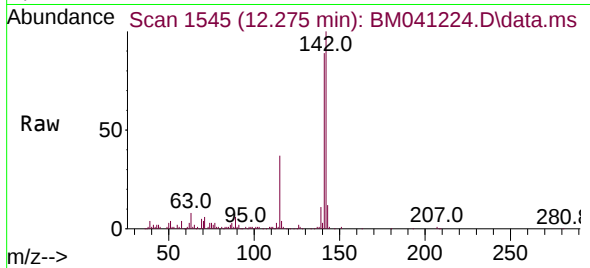




#37
2-Methylnaphthalene
Concen: 4.276 ng
RT: 12.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

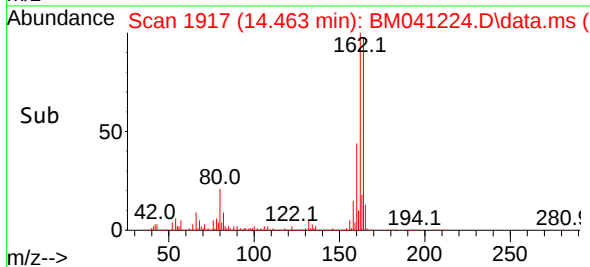
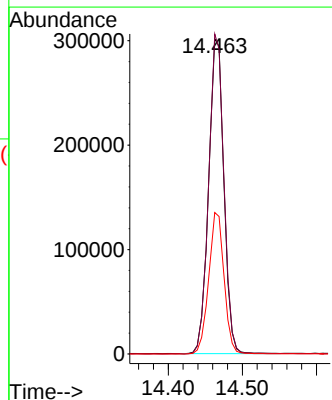
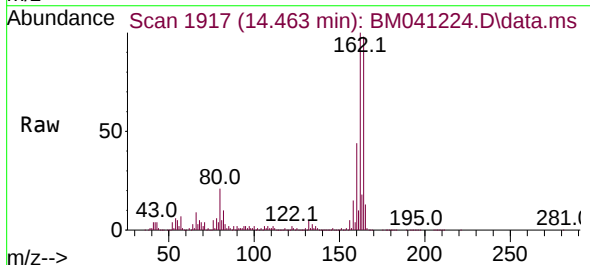
Instrument :
BNA_M
ClientSampleId :
B-P14B

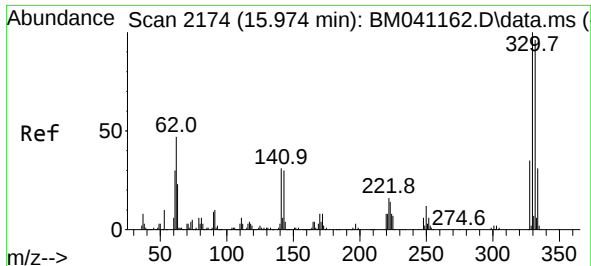
Tgt Ion:142 Resp: 114360
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 36.6 29.3 43.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:164 Resp: 431112
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 44.9 36.2 54.2

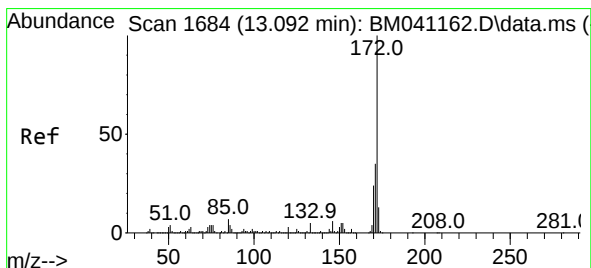
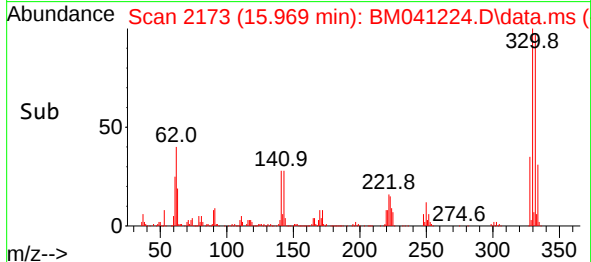
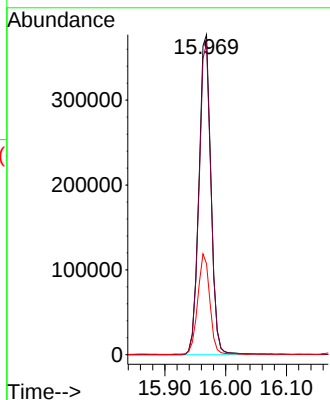
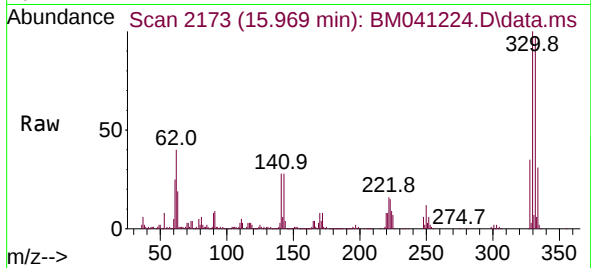




#42
2,4,6-Tribromophenol
Concen: 84.818 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

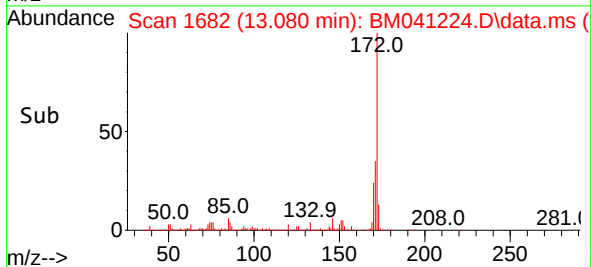
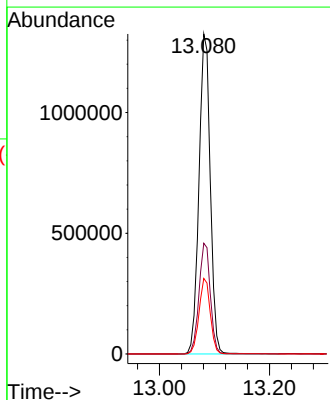
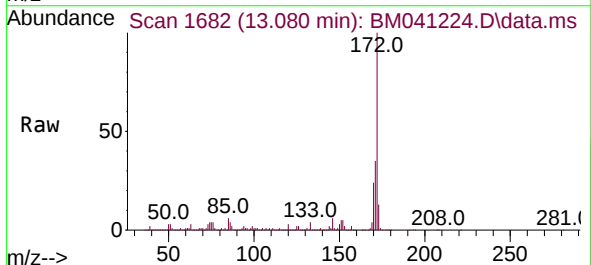
Instrument :
BNA_M
ClientSampleId :
B-P14B

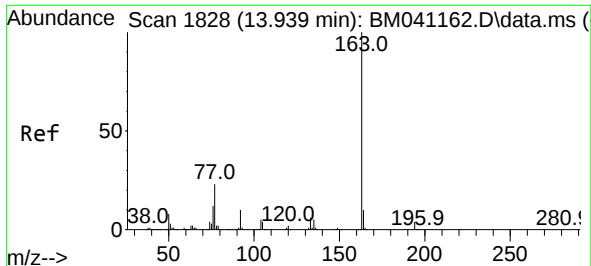
Tgt Ion:330 Resp: 517210
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 31.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 55.459 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:172 Resp: 1892680
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.9 28.3

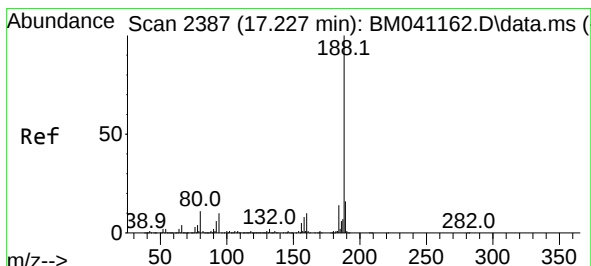
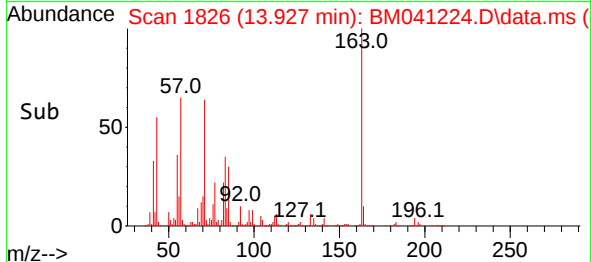
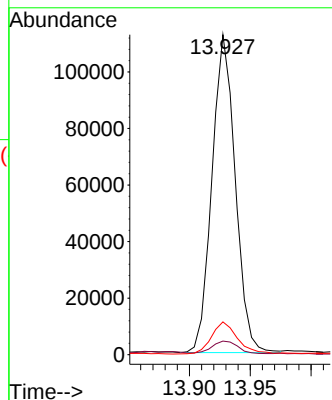
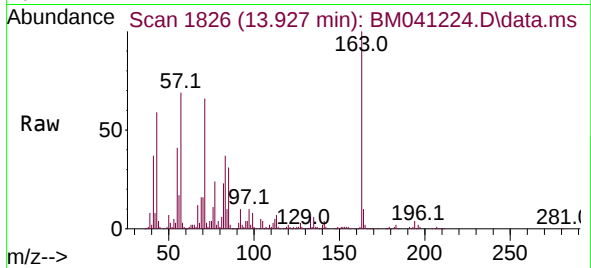




#50
Dimethylphthalate
Concen: 4.615 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

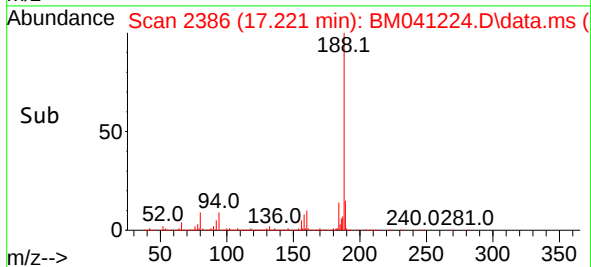
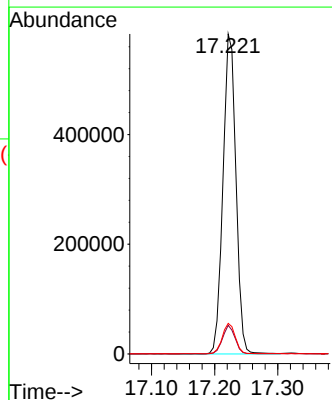
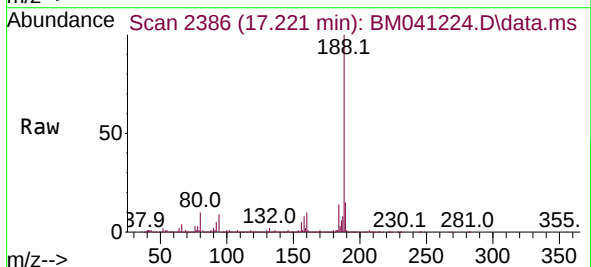
Instrument :
BNA_M
ClientSampleId :
B-P14B

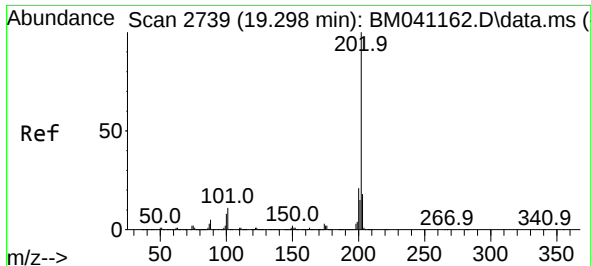
Tgt Ion:163 Resp: 149656
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:188 Resp: 830194
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.6 8.6 13.0

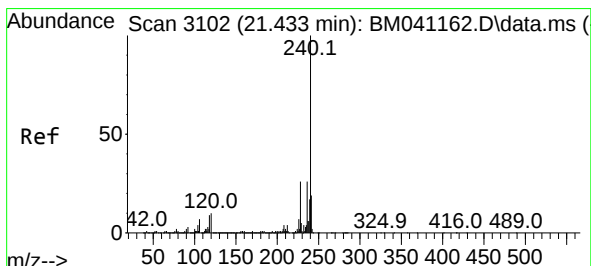
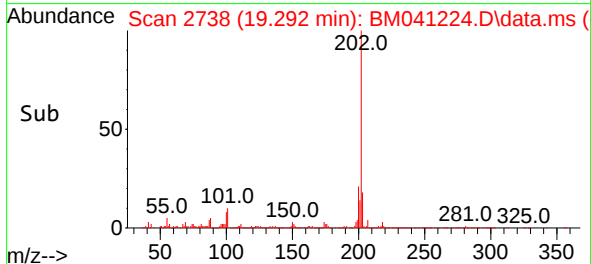
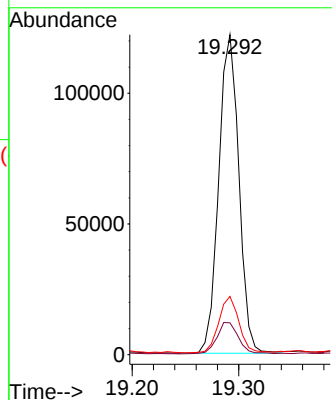
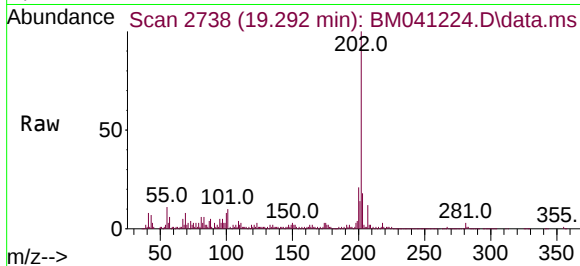




#75
Fluoranthene
Concen: 3.087 ng
RT: 19.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

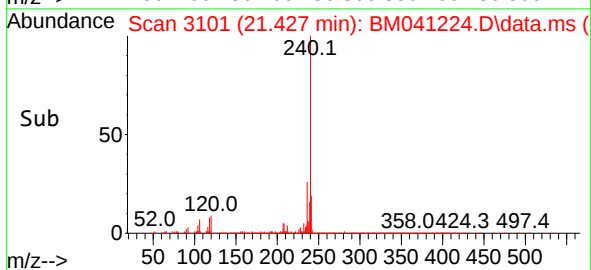
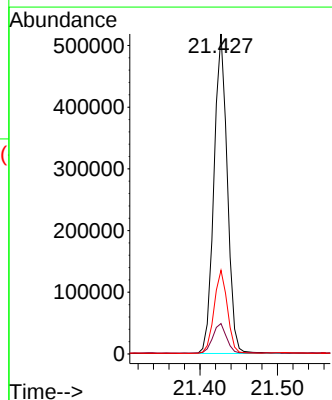
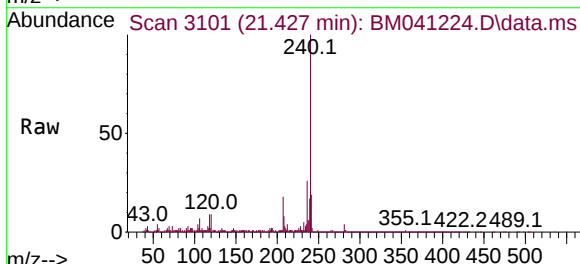
Instrument :
BNA_M
ClientSampleId :
B-P14B

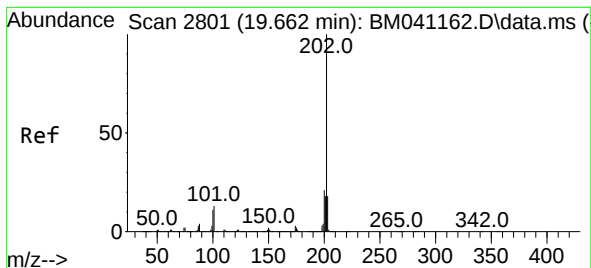
Tgt Ion:202 Resp: 159951
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.8
203 18.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:240 Resp: 620073
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.2 20.6 30.8





#78

Pyrene

Concen: 4.019 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM041224.D

Acq: 01 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

B-P14B

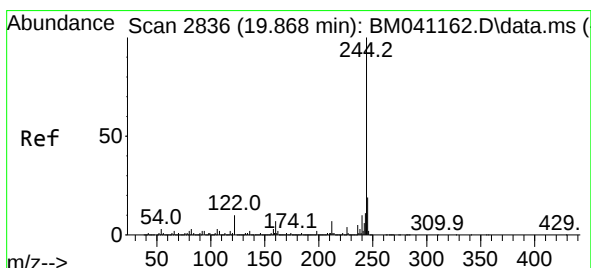
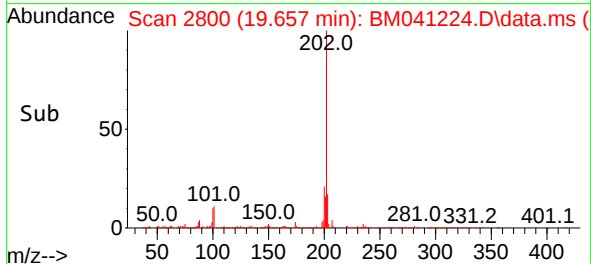
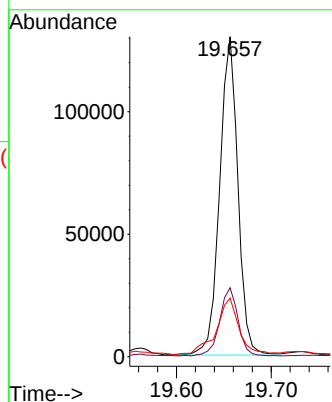
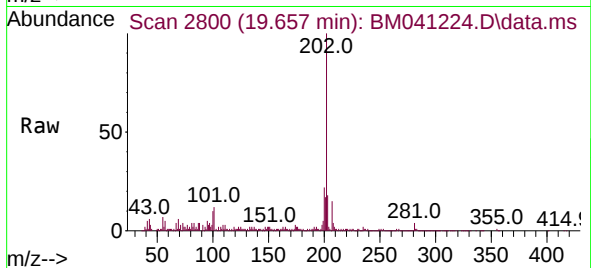
Tgt Ion:202 Resp: 174281

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 18.3 14.1 21.1



#79

Terphenyl-d14

Concen: 61.860 ng

RT: 19.862 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BM041224.D

Acq: 01 Aug 2023 14:40

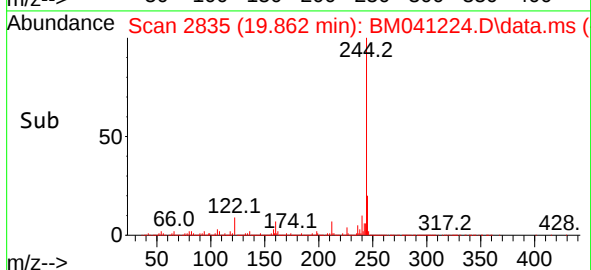
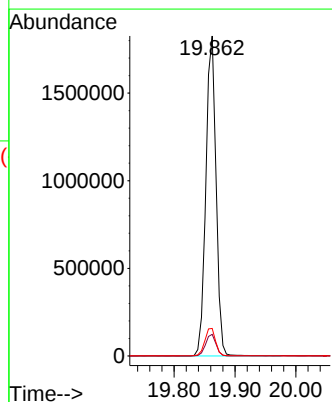
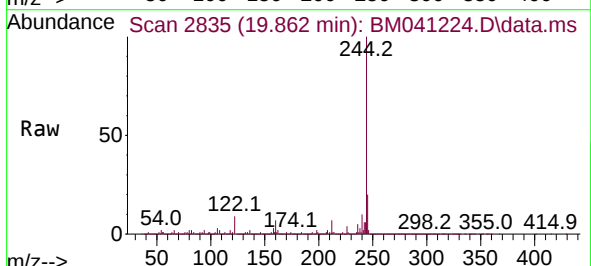
Tgt Ion:244 Resp: 2121489

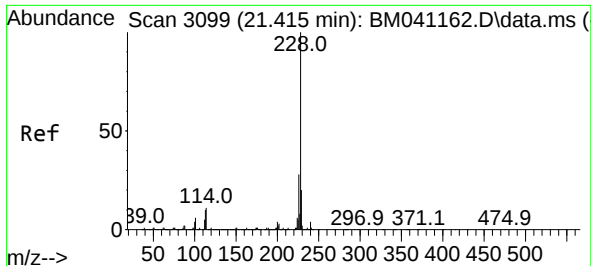
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 8.6 7.8 11.6

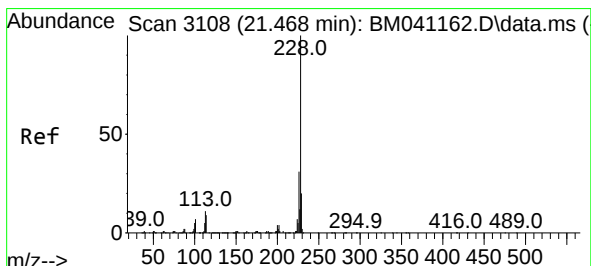
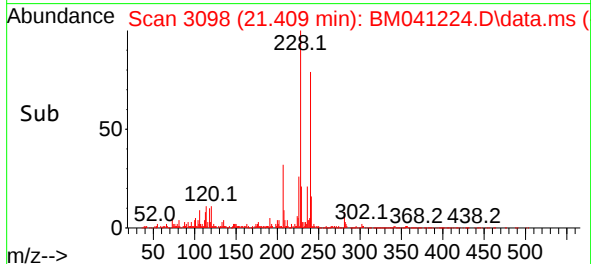
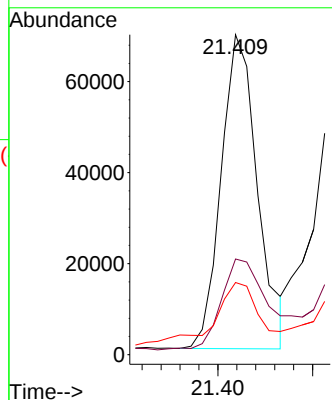
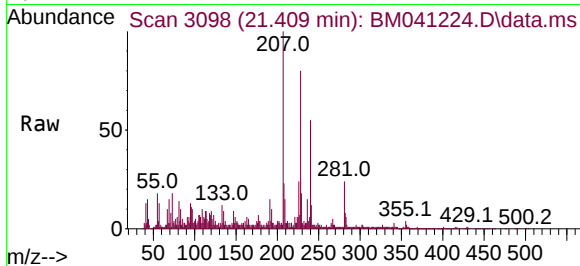




#81
Benzo(a)anthracene
Concen: 2.188 ng
RT: 21.409 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

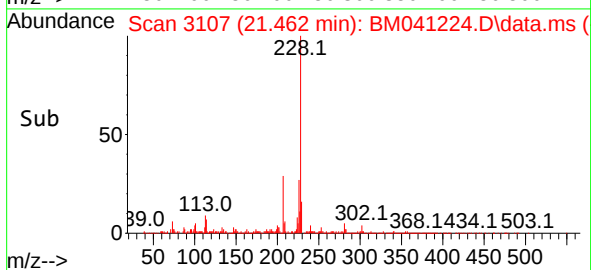
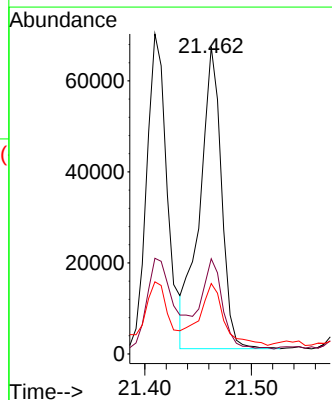
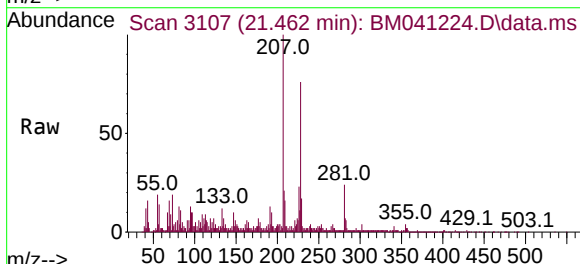
Instrument :
BNA_M
ClientSampleId :
B-P14B

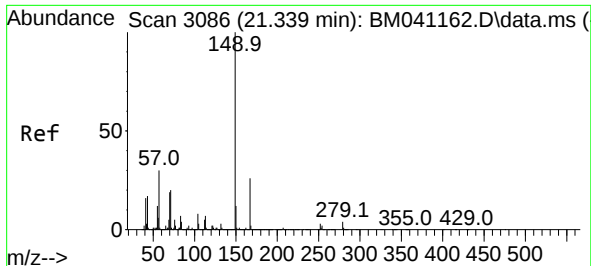
Tgt Ion:228 Resp: 91981
Ion Ratio Lower Upper
228 100
226 29.9 22.4 33.6
229 22.6 15.8 23.8



#83
Chrysene
Concen: 2.326 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:228 Resp: 94568
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.9 15.8 23.8

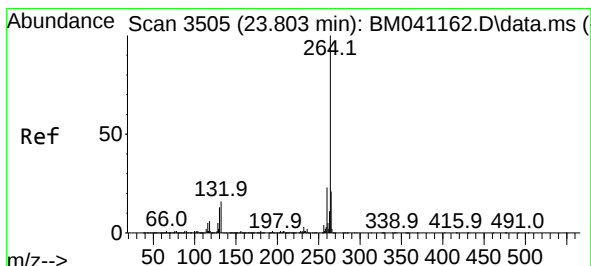
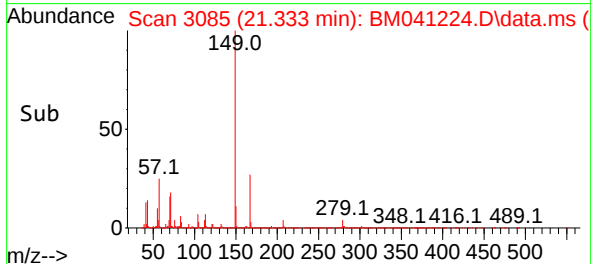
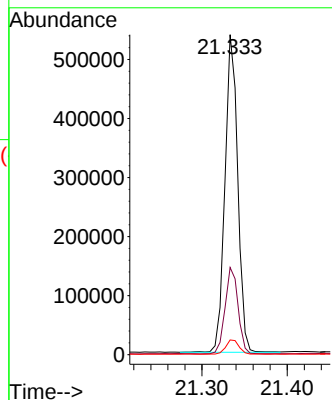
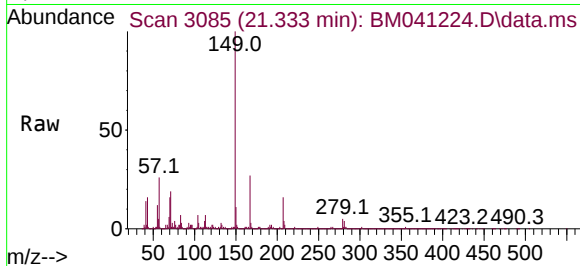




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.574 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

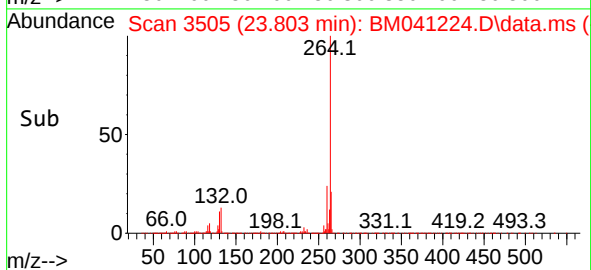
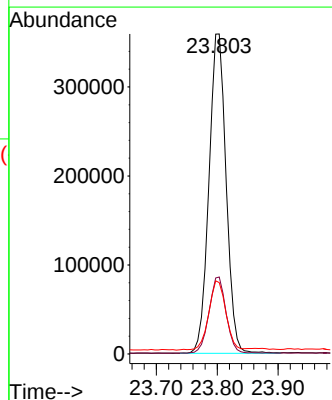
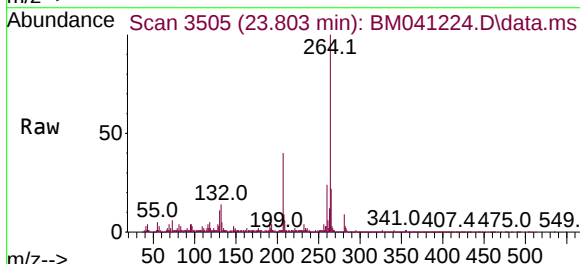
Instrument :
BNA_M
ClientSampleId :
B-P14B

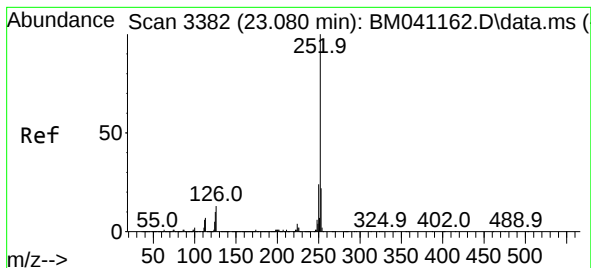
Tgt Ion:149 Resp: 558524
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.6
279 4.6 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BM041224.D
Acq: 01 Aug 2023 14:40

Tgt Ion:264 Resp: 702348
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.3 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.611 ng

RT: 23.080 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041224.D

Acq: 01 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

B-P14B

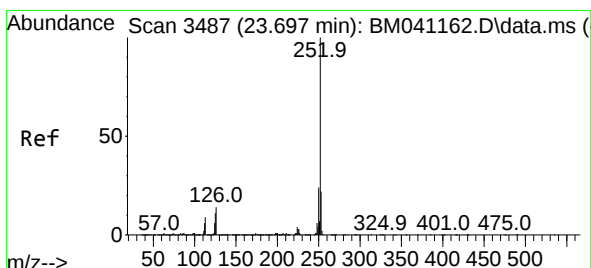
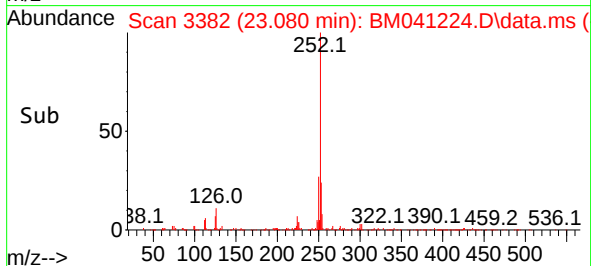
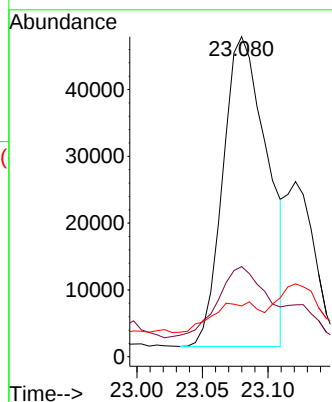
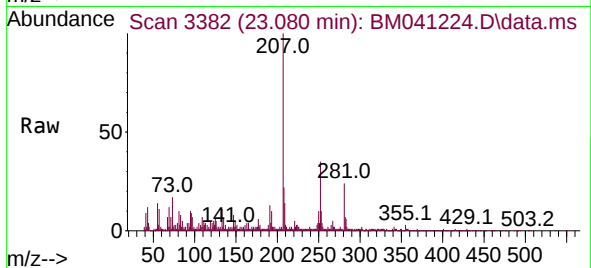
Tgt Ion:252 Resp: 108949

Ion Ratio Lower Upper

252 100

253 28.1 17.7 26.5#

125 15.8 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 2.097 ng

RT: 23.692 min Scan# 3486

Delta R.T. 0.000 min

Lab File: BM041224.D

Acq: 01 Aug 2023 14:40

Tgt Ion:252 Resp: 84072

Ion Ratio Lower Upper

252 100

253 26.7 17.3 25.9#

125 17.3 9.0 13.4#

