

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041208.D
 Acq On : 01 Aug 2023 03:54
 Operator : MA/JU
 Sample : 03741-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P13A

Quant Time: Aug 01 04:26:09 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)

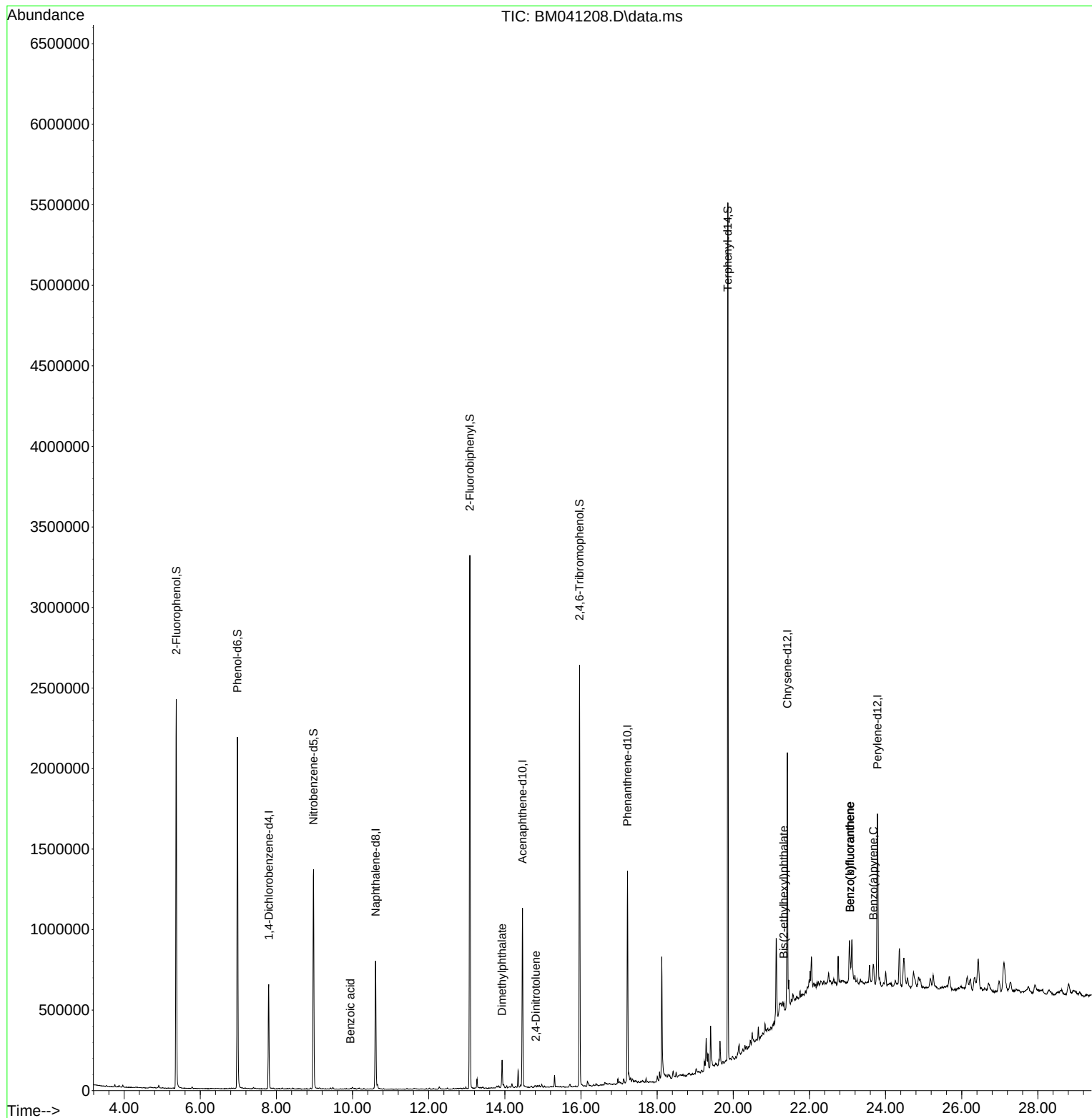
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	166051	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	634738	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	353140	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	735102	20.000	ng	0.00
76) Chrysene-d12	21.421	240	683414	20.000	ng	0.00
86) Perylene-d12	23.785	264	778162	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	971029	87.400	ng	0.00
7) Phenol-d6	6.975	99	1223066	84.927	ng	0.00
23) Nitrobenzene-d5	8.975	82	784522	57.479	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	452314	90.554	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1579717	56.509	ng	0.00
79) Terphenyl-d14	19.856	244	2340592	61.923	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.945	122	190	7.178	ng	# 1
50) Dimethylphthalate	13.927	163	86754	3.266	ng	99
57) 2,4-Dinitrotoluene	14.815	165	54	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	14560	3.037	ng	# 97
88) Benzo(b)fluoranthene	23.068	252	124880	2.701	ng	# 96
89) Benzo(k)fluoranthene	23.068	252	124880	2.641	ng	# 95
90) Benzo(a)pyrene	23.680	252	89614	2.018	ng	# 95

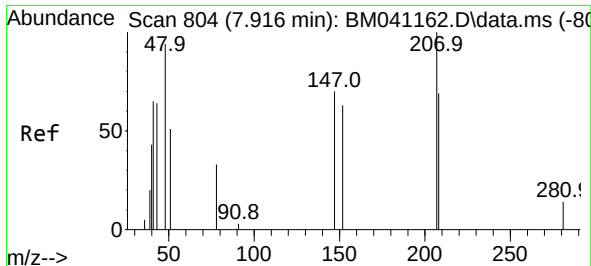
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
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Misc :
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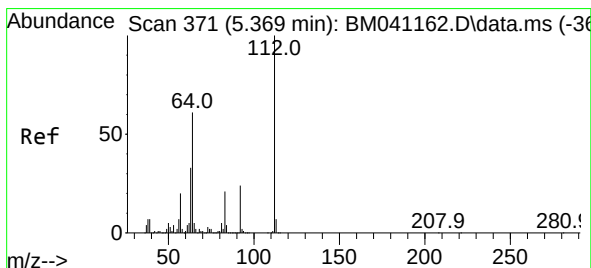
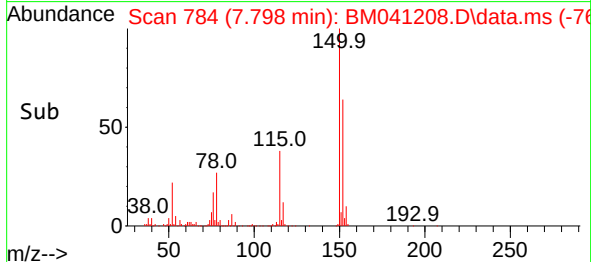
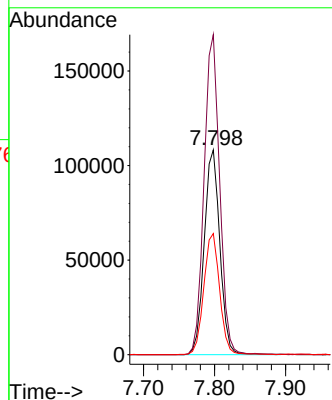
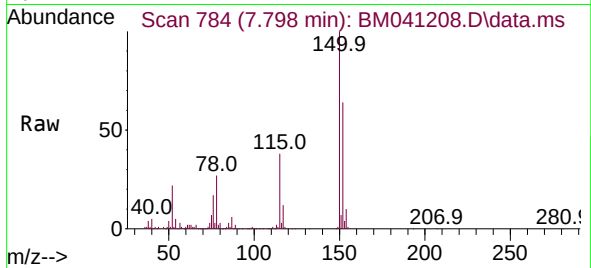




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

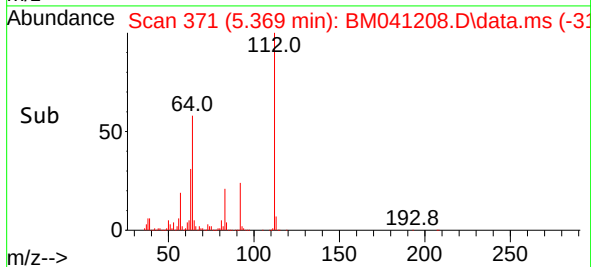
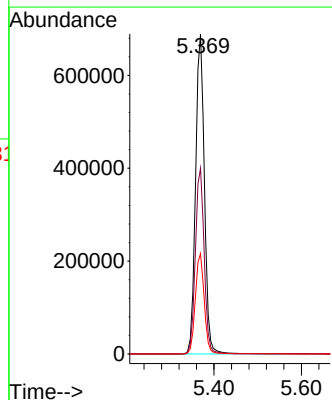
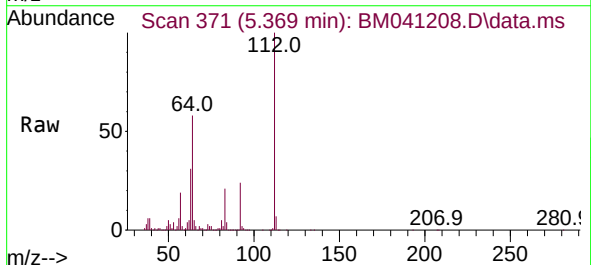
Instrument :
BNA_M
ClientSampleId :
B-P13A

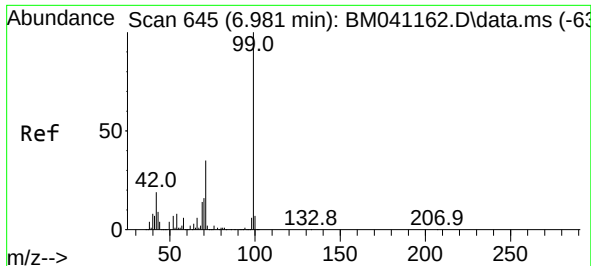
Tgt Ion:152 Resp: 166051
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 59.1 48.0 72.0



#5
2-Fluorophenol
Concen: 87.400 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion:112 Resp: 971029
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.3 26.5 39.7

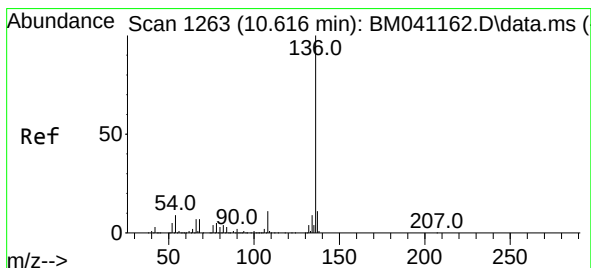
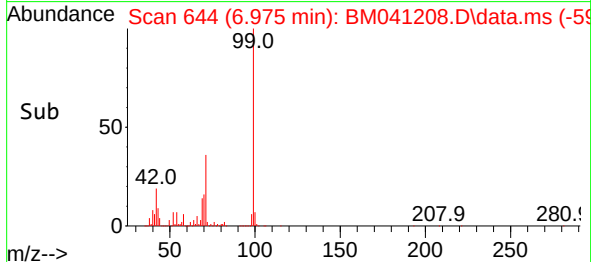
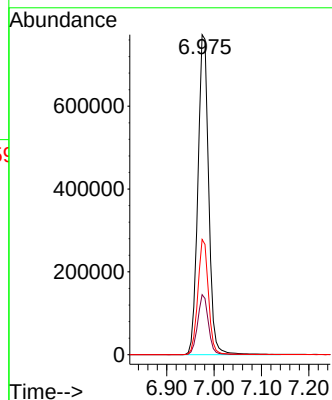
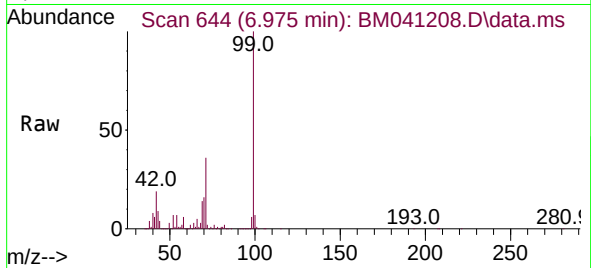




#7
Phenol-d6
Concen: 84.927 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

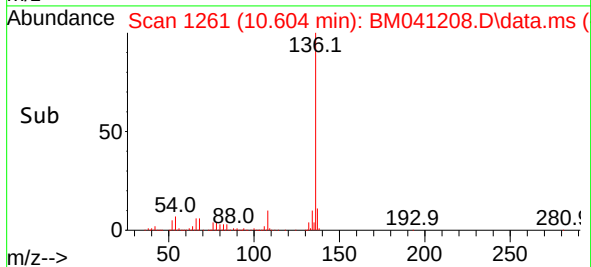
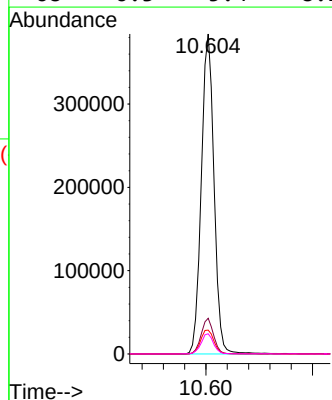
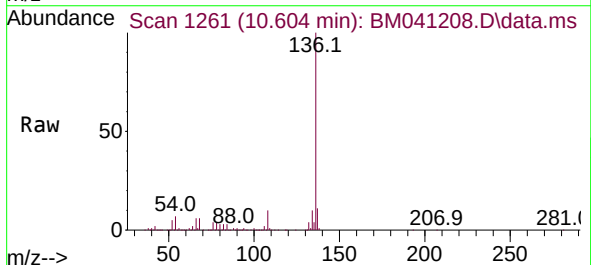
Instrument :
BNA_M
ClientSampleId :
B-P13A

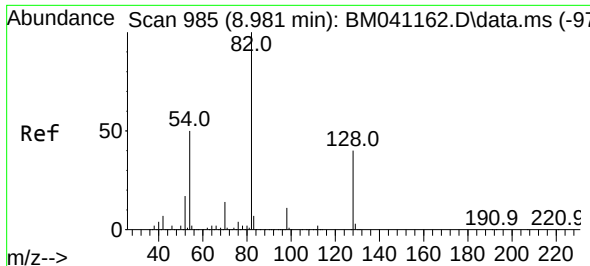
Tgt Ion: 99 Resp: 1223066
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion: 136 Resp: 634738
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.9 10.3
68 6.3 5.4 8.2

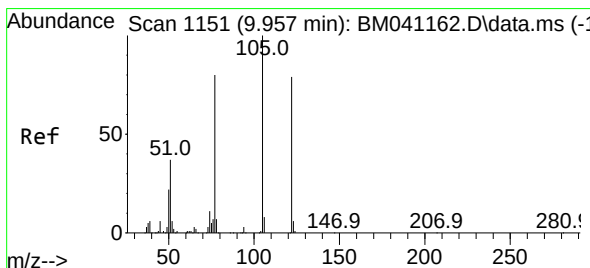
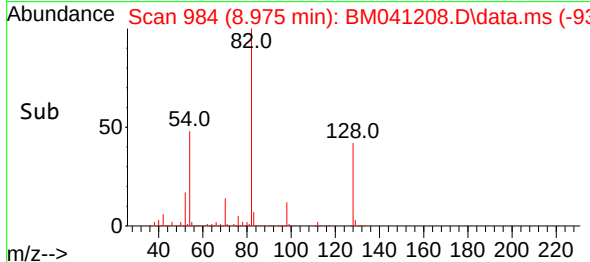
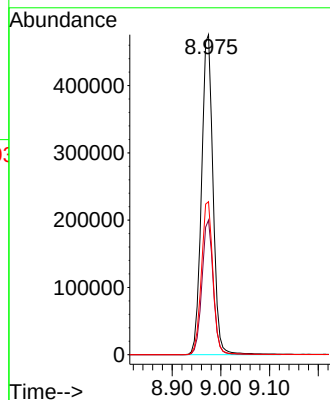
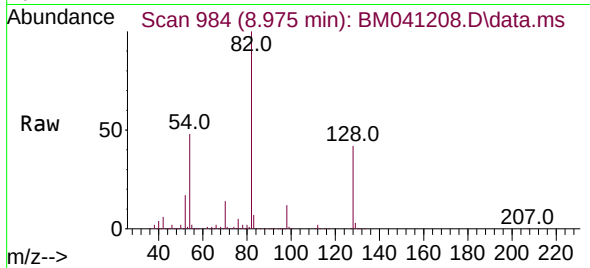




#23
Nitrobenzene-d5
Concen: 57.479 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

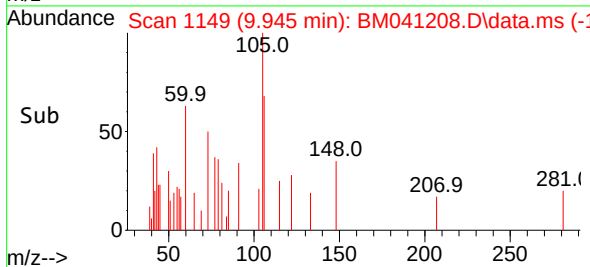
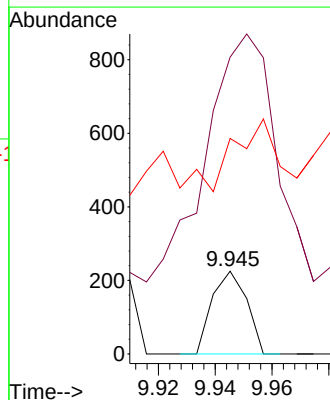
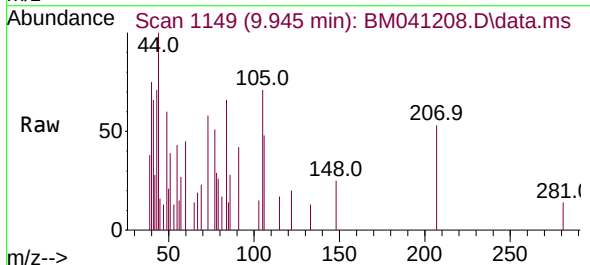
Instrument :
BNA_M
ClientSampleId :
B-P13A

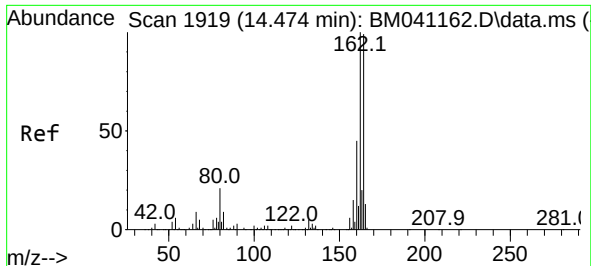
Tgt Ion: 82 Resp: 784522
Ion Ratio Lower Upper
82 100
128 42.0 31.8 47.6
54 47.8 40.1 60.1



#32
Benzoic acid
Concen: 7.178 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion: 122 Resp: 190
Ion Ratio Lower Upper
122 100
105 358.7 104.0 144.0#
77 260.4 79.9 119.9#

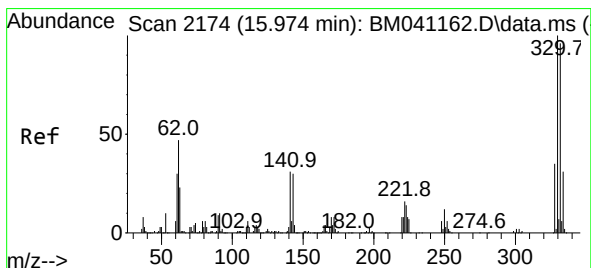
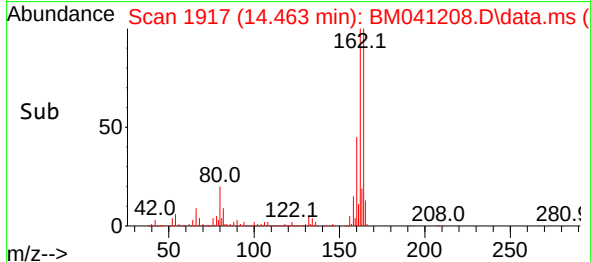
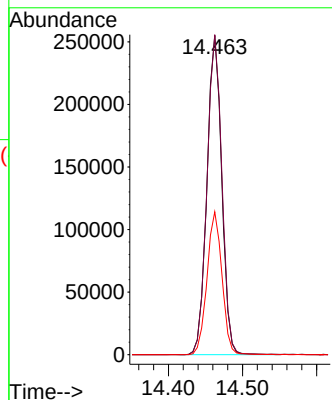
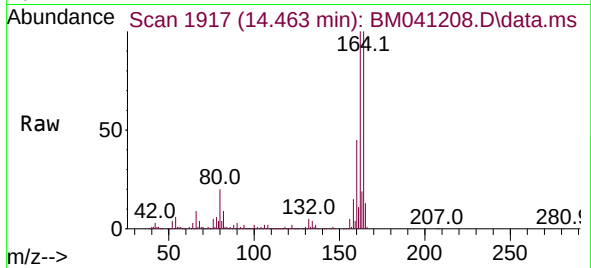




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

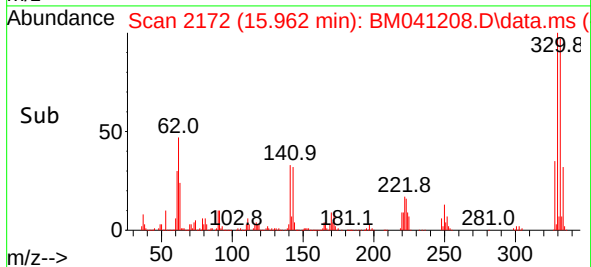
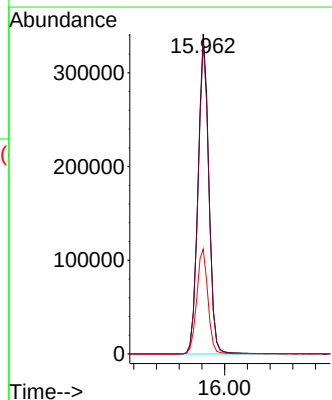
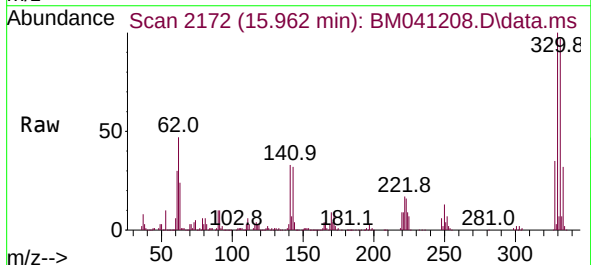
Instrument :
BNA_M
ClientSampleId :
B-P13A

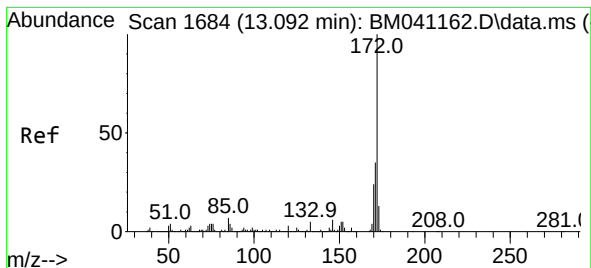
Tgt Ion:164 Resp: 353140
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 90.554 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion:330 Resp: 452314
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 34.0 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 56.509 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041208.D

Acq: 01 Aug 2023 03:54

Instrument :

BNA_M

ClientSampleId :

B-P13A

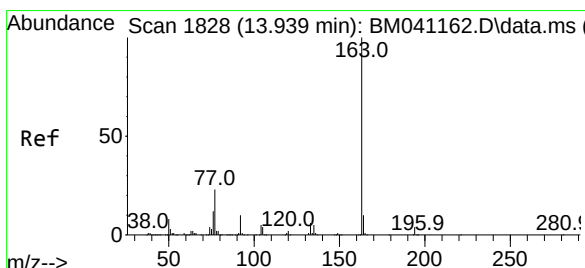
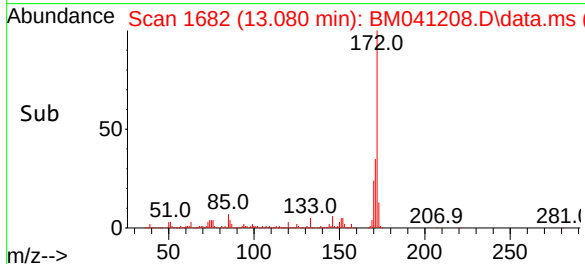
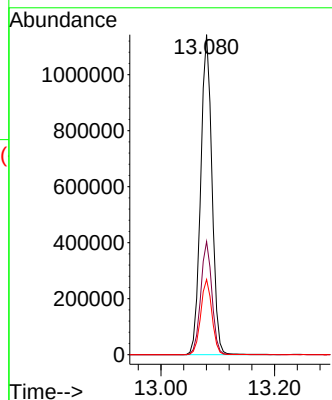
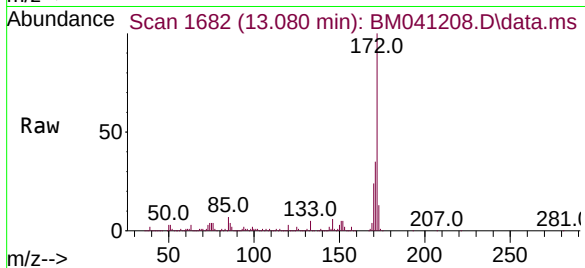
Tgt Ion:172 Resp: 1579717

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.9 28.3



#50

Dimethylphthalate

Concen: 3.266 ng

RT: 13.927 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM041208.D

Acq: 01 Aug 2023 03:54

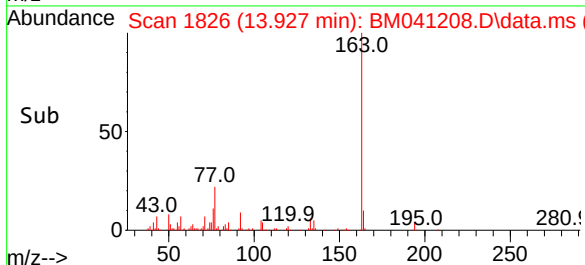
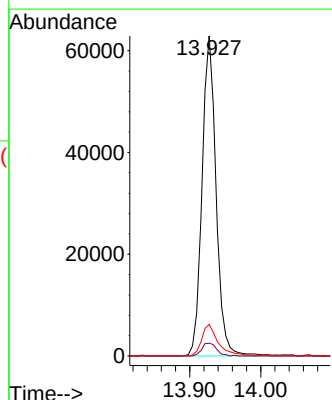
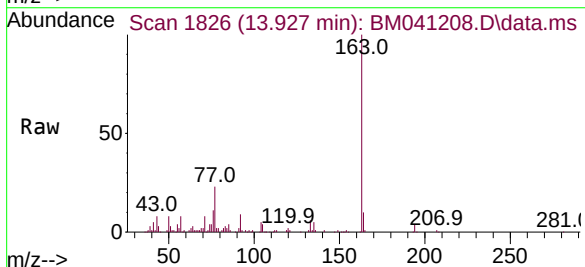
Tgt Ion:163 Resp: 86754

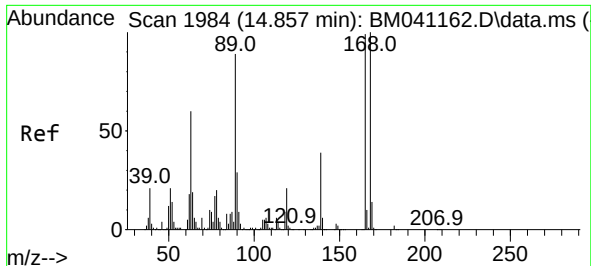
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 8.3 12.5

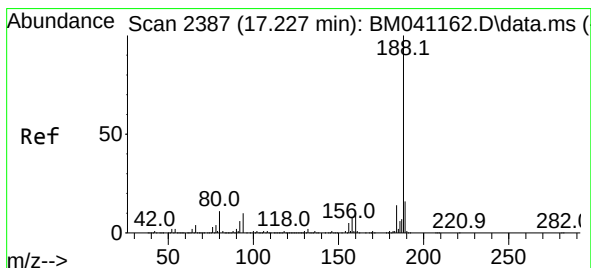
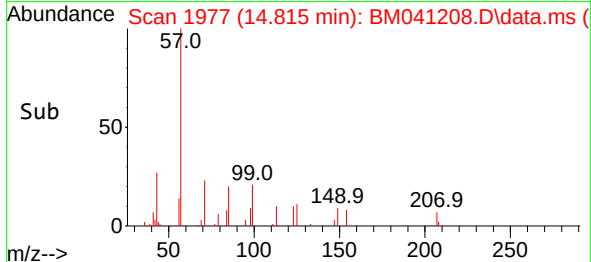
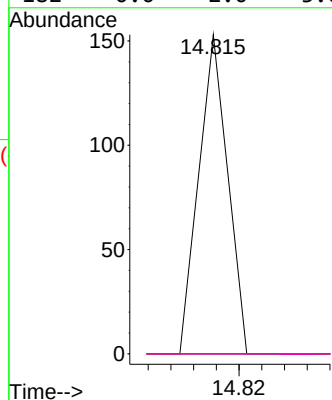
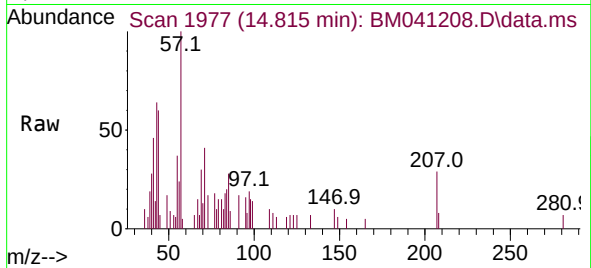




#57
2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.815 min Scan# 1984
Delta R.T. -0.035 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

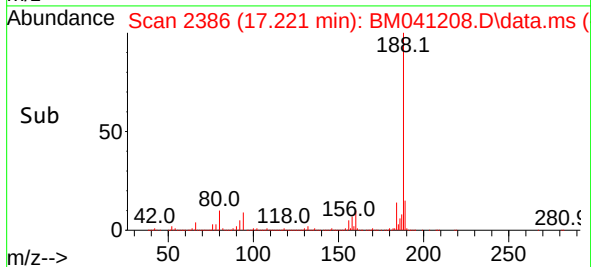
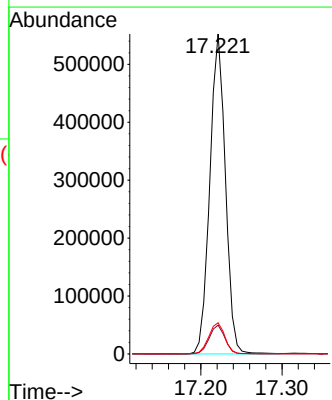
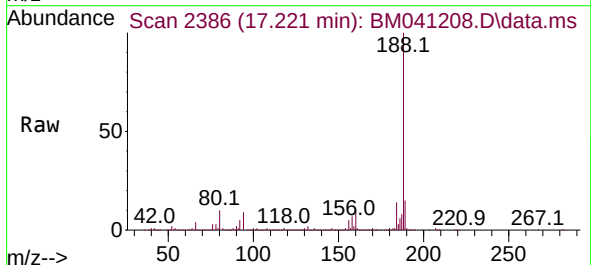
Instrument :
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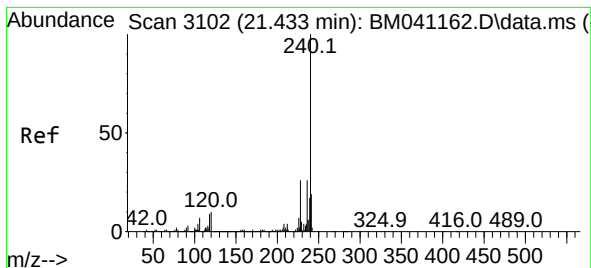
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion:188 Resp: 735102
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM041208.D

Acq: 01 Aug 2023 03:54

Instrument :

BNA_M

ClientSampleId :

B-P13A

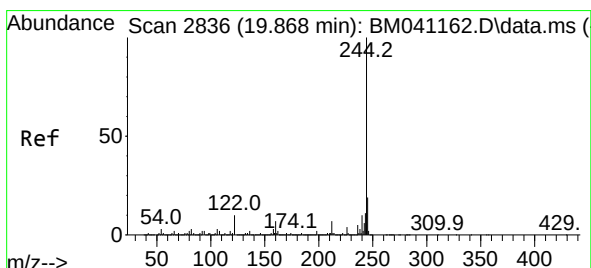
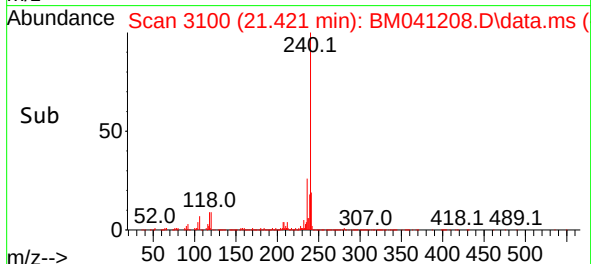
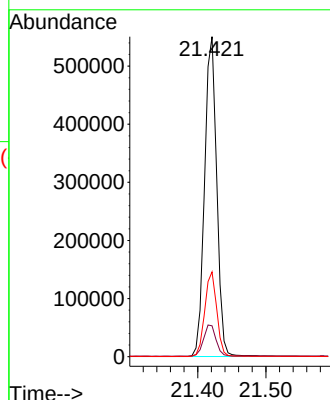
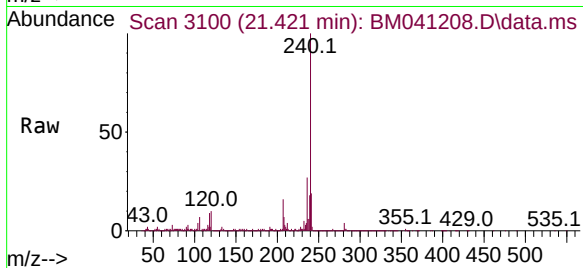
Tgt Ion:240 Resp: 683414

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

236 26.5 20.6 30.8



#79

Terphenyl-d14

Concen: 61.923 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041208.D

Acq: 01 Aug 2023 03:54

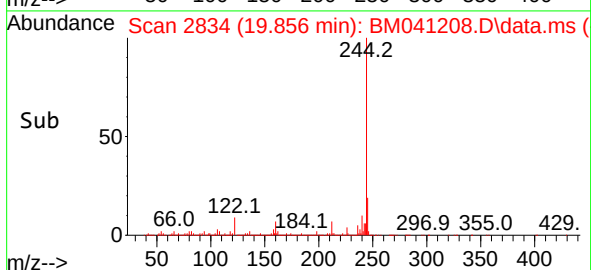
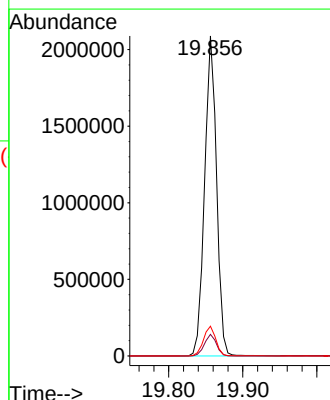
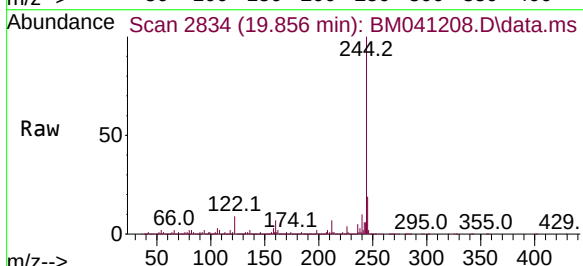
Tgt Ion:244 Resp: 2340592

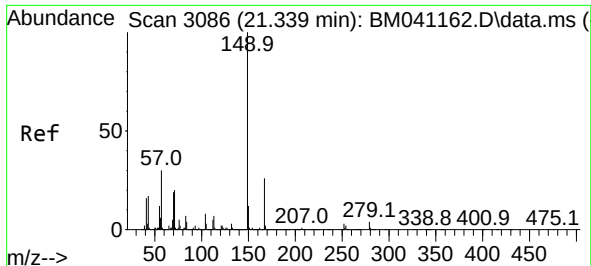
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.3 7.8 11.6

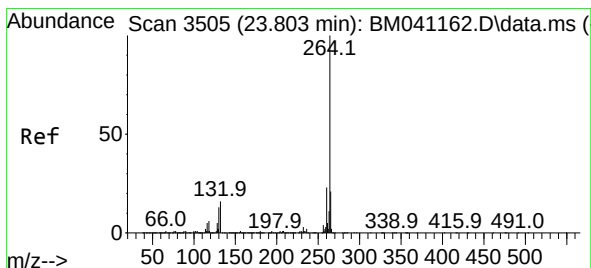
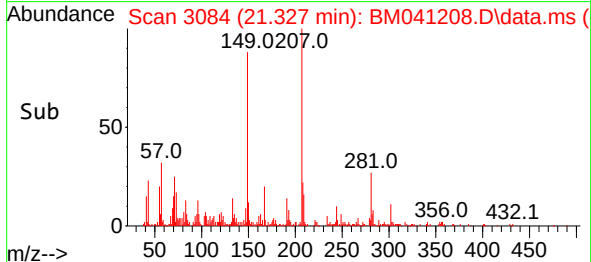
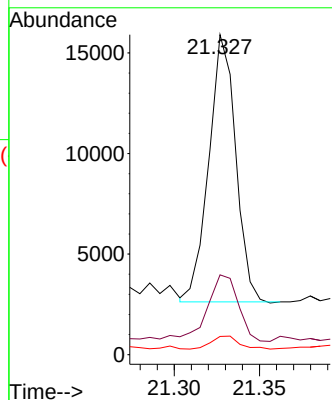
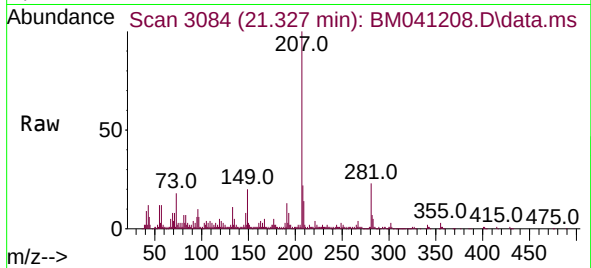




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.037 ng
RT: 21.327 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

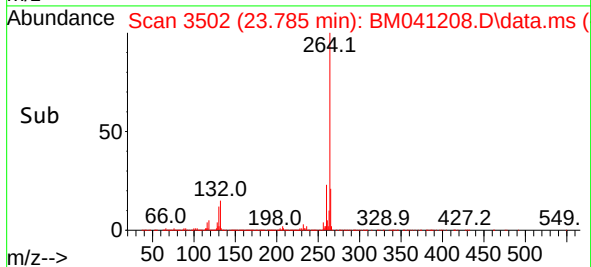
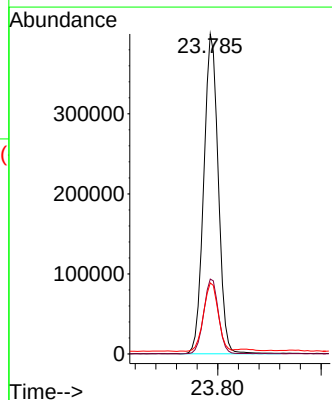
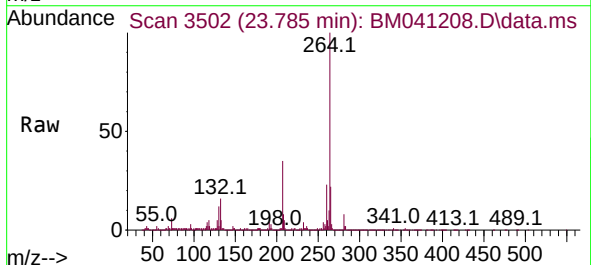
Instrument :
BNA_M
ClientSampleId :
B-P13A

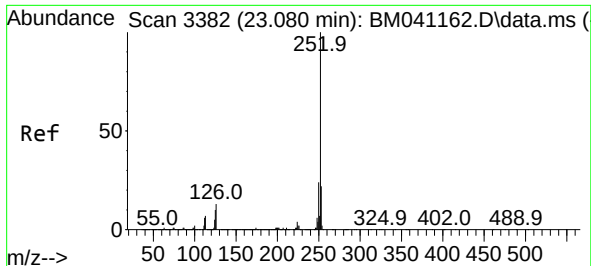
Tgt Ion:149 Resp: 14560
Ion Ratio Lower Upper
149 100
167 24.9 21.0 31.6
279 5.7 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.785 min Scan# 3502
Delta R.T. -0.012 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion:264 Resp: 778162
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.2 17.4 26.0

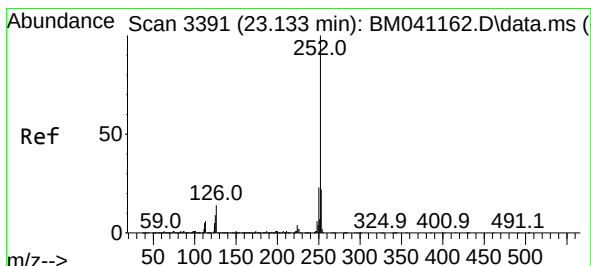
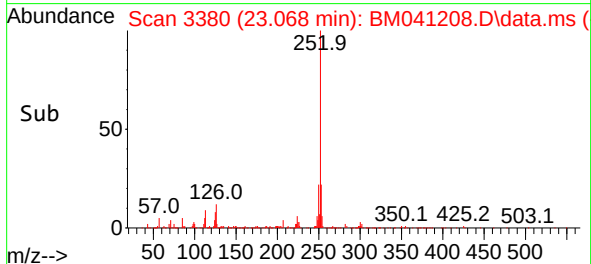
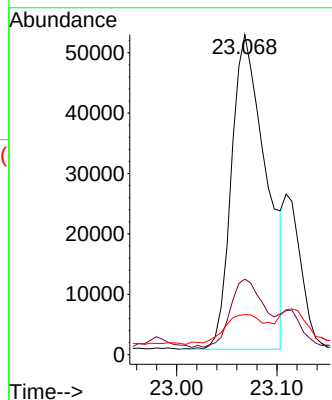
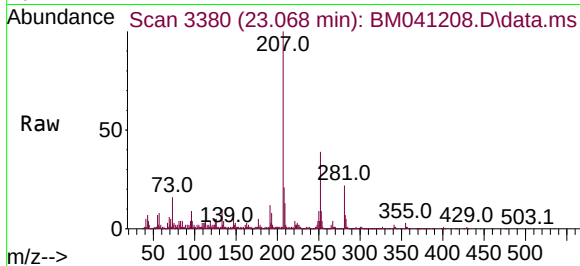




#88
Benzo(b)fluoranthene
Concen: 2.701 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

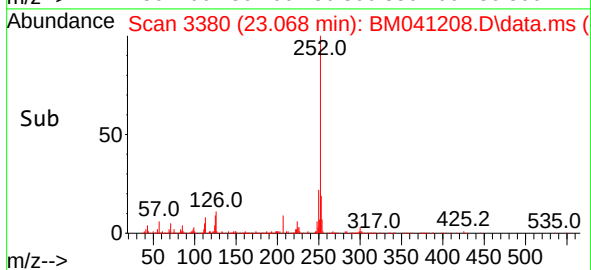
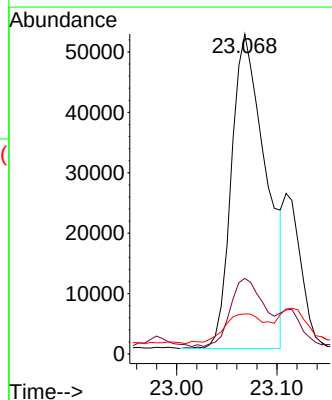
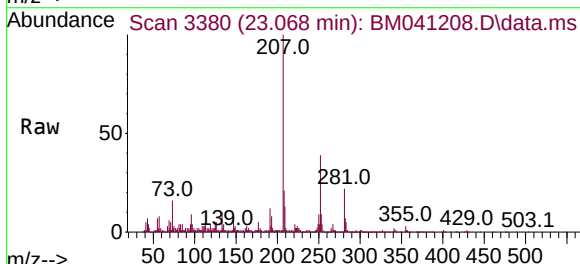
Instrument :
BNA_M
ClientSampleId :
B-P13A

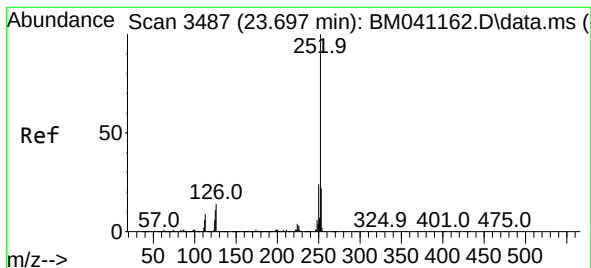
Tgt Ion:252 Resp: 124880
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 12.5 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.641 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.053 min
Lab File: BM041208.D
Acq: 01 Aug 2023 03:54

Tgt Ion:252 Resp: 124880
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 12.5 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.018 ng

RT: 23.680 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM041208.D

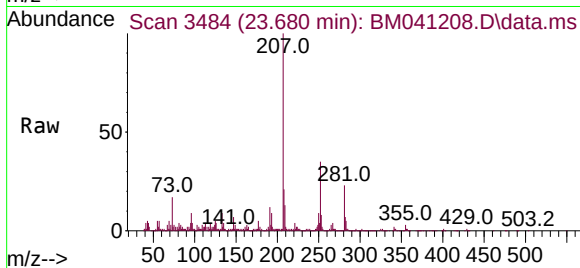
Acq: 01 Aug 2023 03:54

Instrument :

BNA_M

ClientSampleId :

B-P13A



Tgt Ion:252 Resp: 89614

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 13.5 9.0 13.4#

