

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041220.D
 Acq On : 01 Aug 2023 12:12
 Operator : MA/JU
 Sample : 03769-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P14A

Quant Time: Aug 01 13:24:38 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)

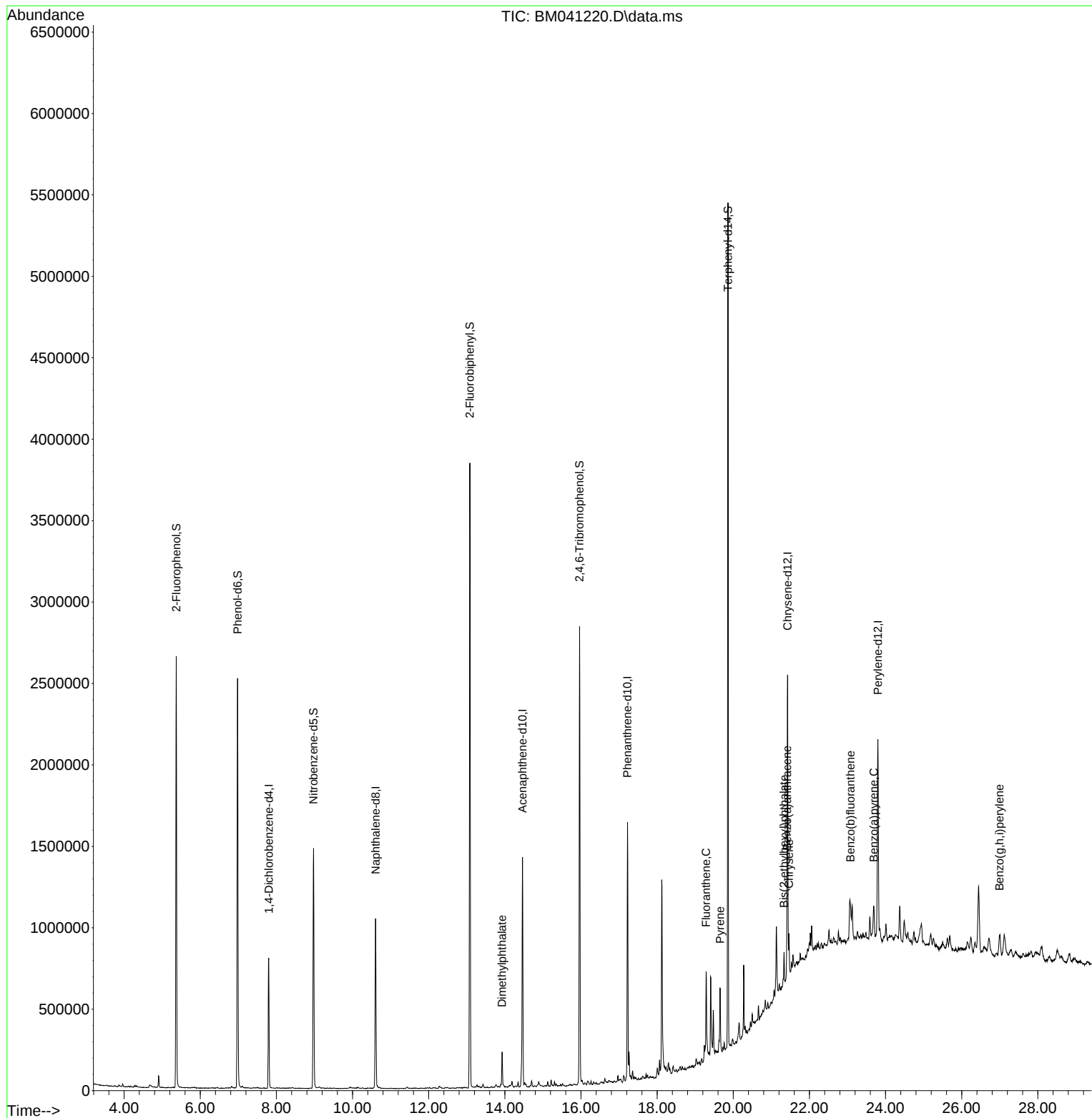
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	209762	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	805094	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	455977	20.000	ng	-0.01
64) Phenanthrene-d10	17.221	188	915303	20.000	ng	0.00
76) Chrysene-d12	21.427	240	794480	20.000	ng	0.00
86) Perylene-d12	23.797	264	896062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1066349	75.979	ng	0.00
7) Phenol-d6	6.981	99	1387453	76.265	ng	0.00
23) Nitrobenzene-d5	8.975	82	848893	49.035	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	517429	80.227	ng	-0.01
45) 2-Fluorobiphenyl	13.080	172	1856342	51.428	ng	-0.01
79) Terphenyl-d14	19.862	244	2519497	57.338	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.927	163	128102	3.735	ng	98
75) Fluoranthene	19.286	202	223606	3.914	ng	99
78) Pyrene	19.651	202	236234	4.252	ng	99
81) Benzo(a)anthracene	21.409	228	137755	2.558	ng	96
83) Chrysene	21.462	228	135296	2.597	ng	97
84) Bis(2-ethylhexyl)phtha...	21.333	149	59603	4.291	ng	# 94
88) Benzo(b)fluoranthene	23.080	252	185004	3.475	ng	# 95
90) Benzo(a)pyrene	23.691	252	137211	2.683	ng	# 92
92) Benzo(g,h,i)perylene	26.991	276	113293	2.107	ng	97

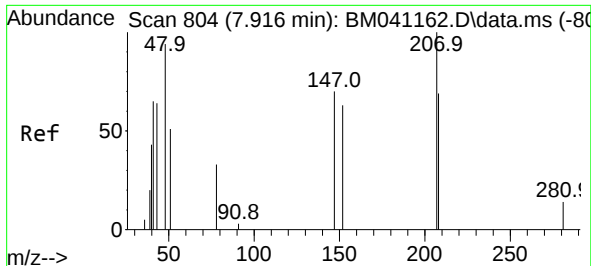
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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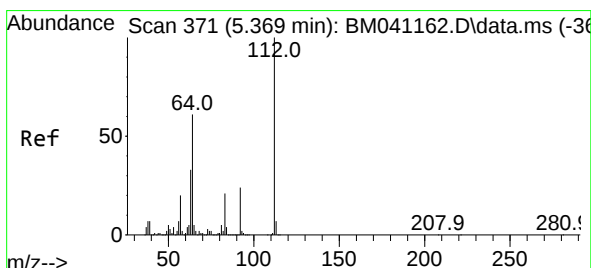
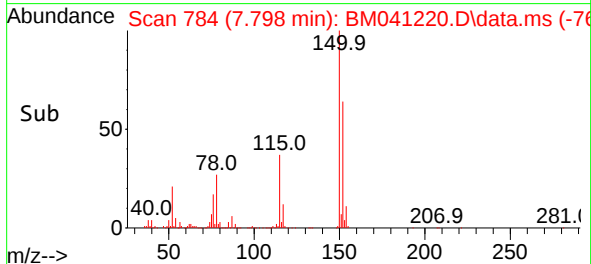
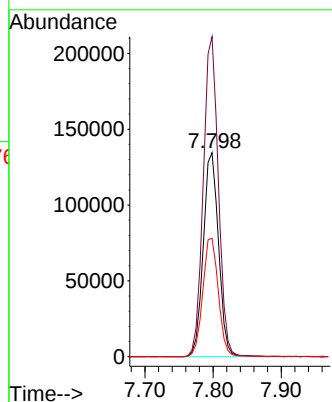
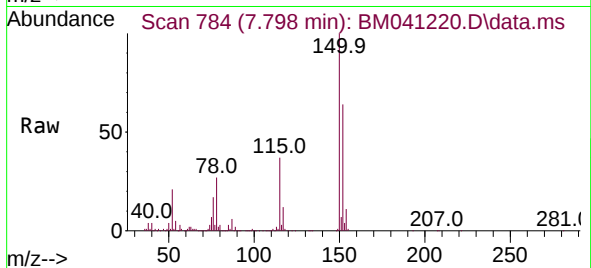




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

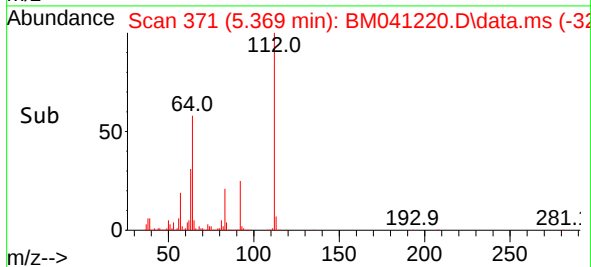
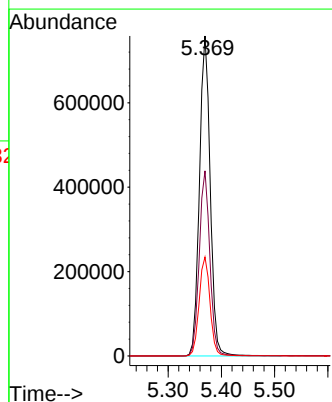
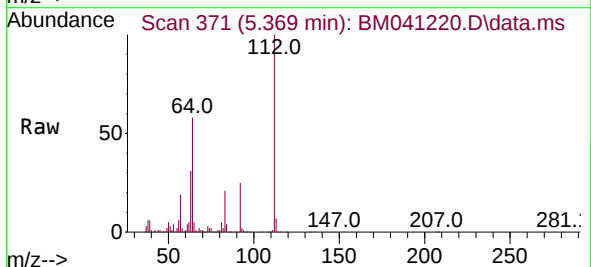
Instrument :
BNA_M
ClientSampleId :
B-P14A

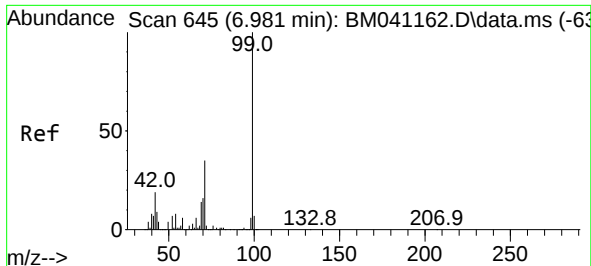
Tgt Ion:152 Resp: 209762
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 58.0 48.0 72.0



#5
2-Fluorophenol
Concen: 75.979 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.000 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:112 Resp: 1066349
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 30.9 26.5 39.7



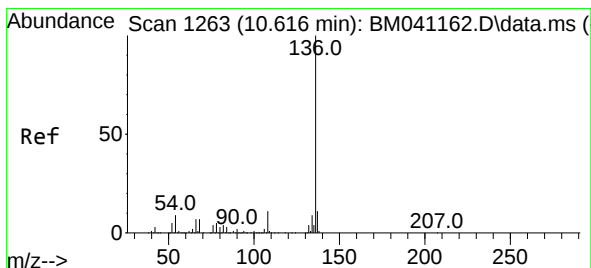
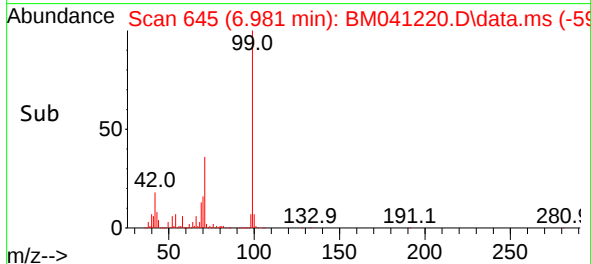
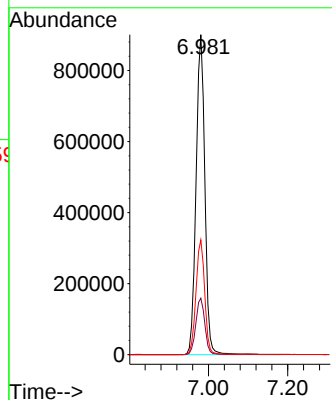
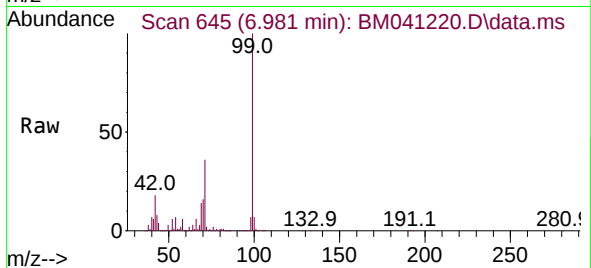


#7
Phenol-d6
Concen: 76.265 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
B-P14A

Tgt Ion: 99 Resp: 1387453

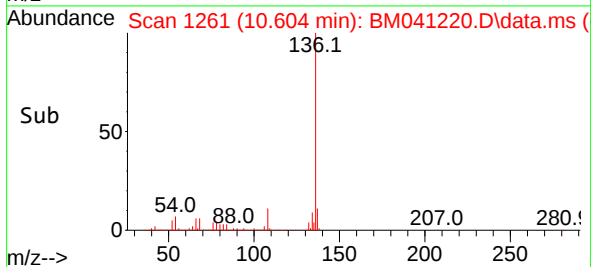
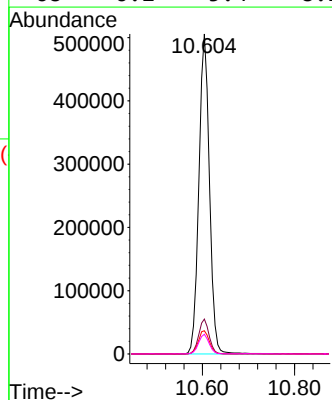
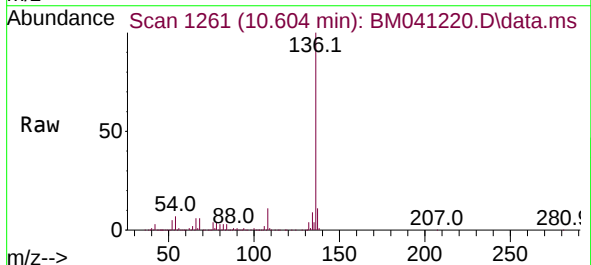
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.4	23.0
71	35.9	28.2	42.4

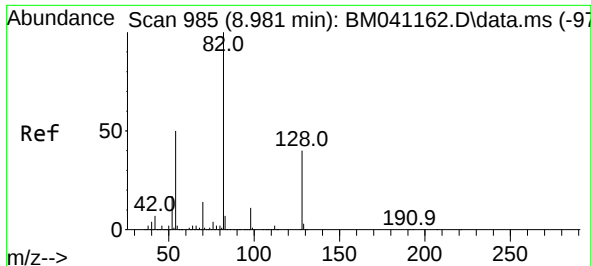


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 136 Resp: 805094

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	6.9	10.3
68	6.2	5.4	8.2

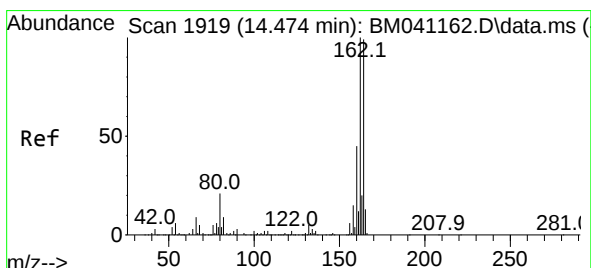
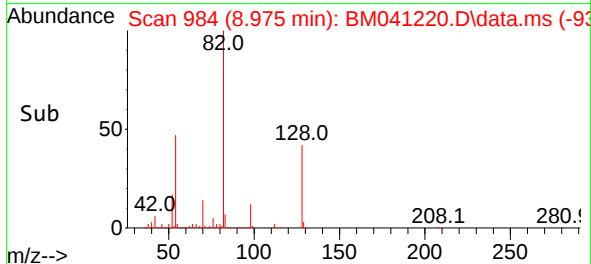
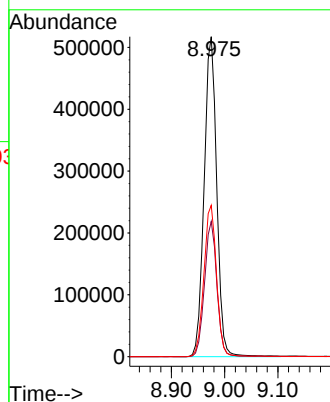
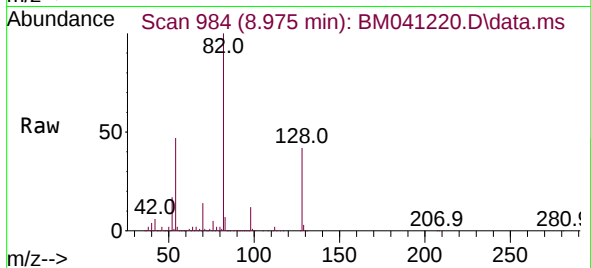




#23
Nitrobenzene-d5
Concen: 49.035 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

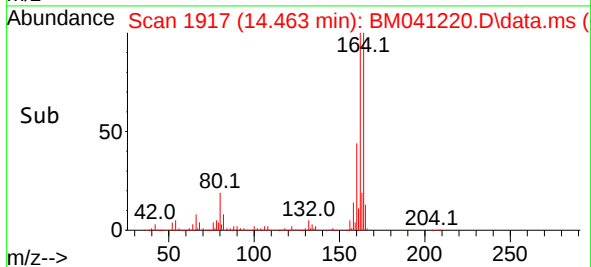
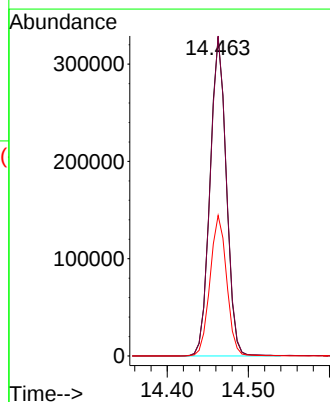
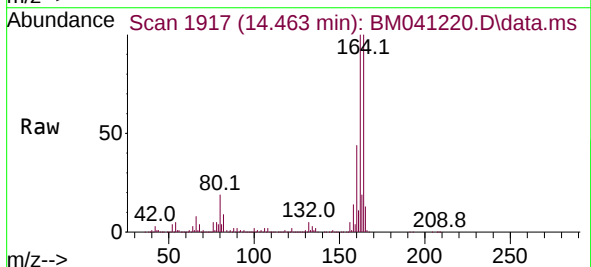
Instrument :
BNA_M
ClientSampleId :
B-P14A

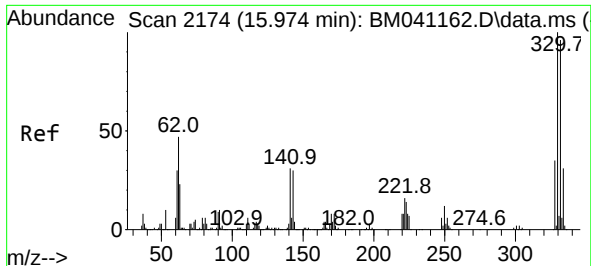
Tgt Ion: 82 Resp: 848893
Ion Ratio Lower Upper
82 100
128 42.3 31.8 47.6
54 47.3 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.011 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion: 164 Resp: 455977
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 44.1 36.2 54.2

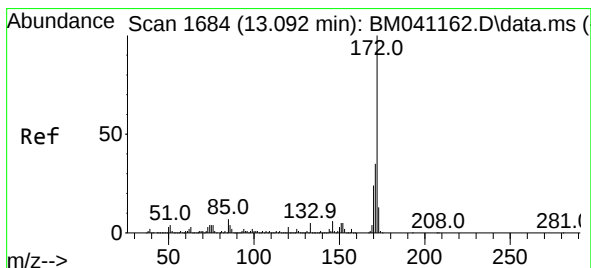
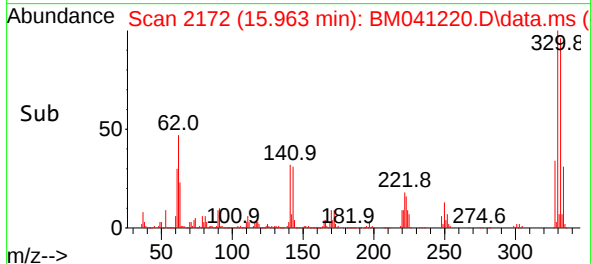
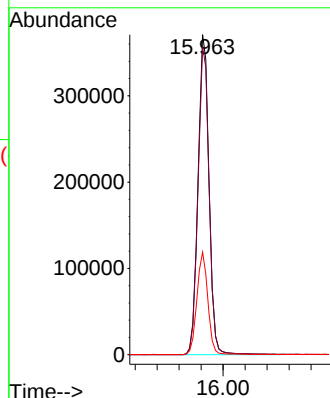
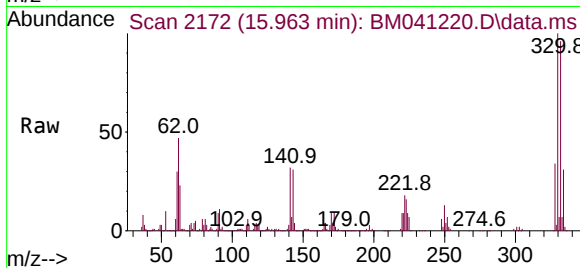




#42
2,4,6-Tribromophenol
Concen: 80.227 ng
RT: 15.963 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

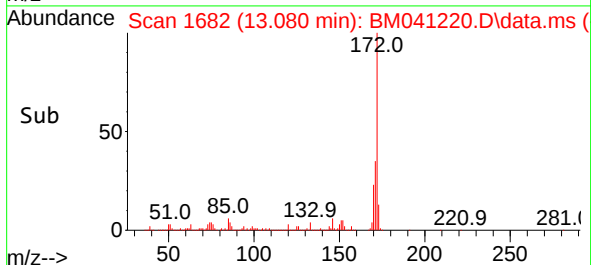
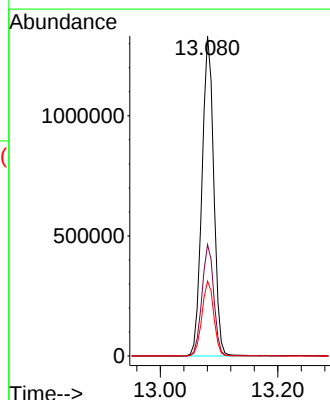
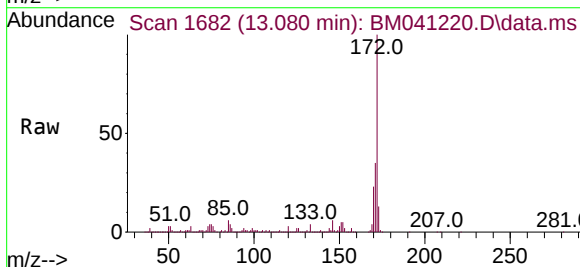
Instrument :
BNA_M
ClientSampleId :
B-P14A

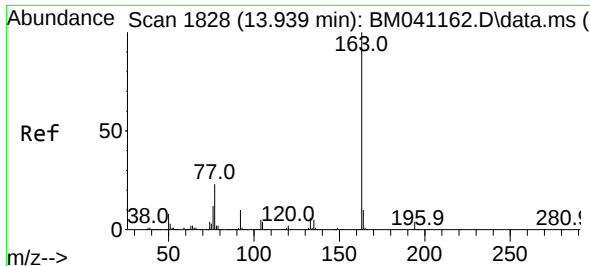
Tgt Ion:330 Resp: 517429
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 31.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 51.428 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:172 Resp: 1856342
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.9 28.3

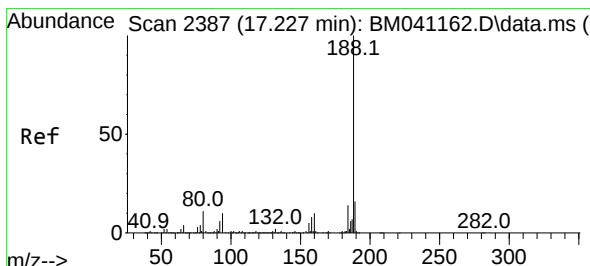
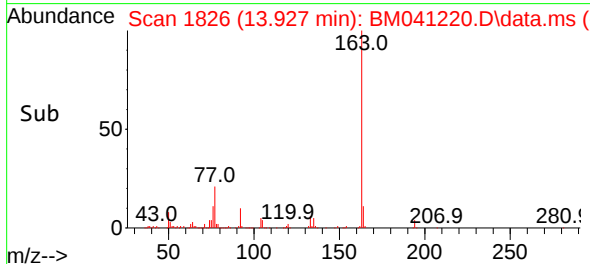
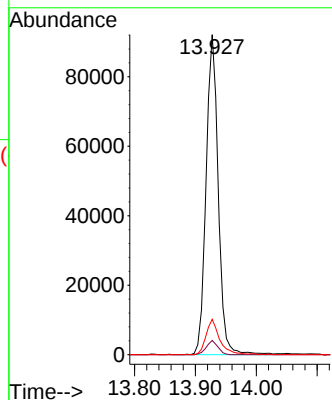
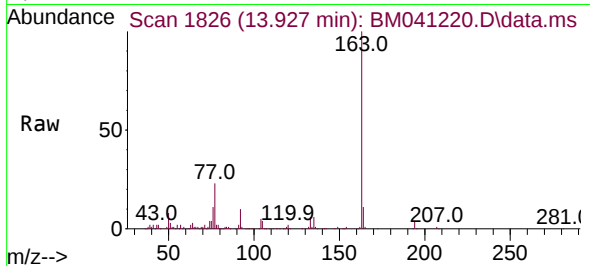




#50
Dimethylphthalate
Concen: 3.735 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

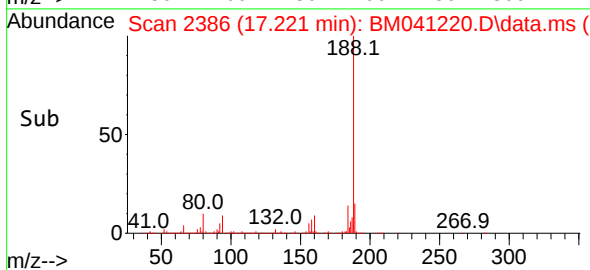
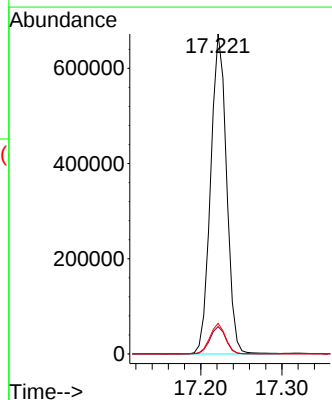
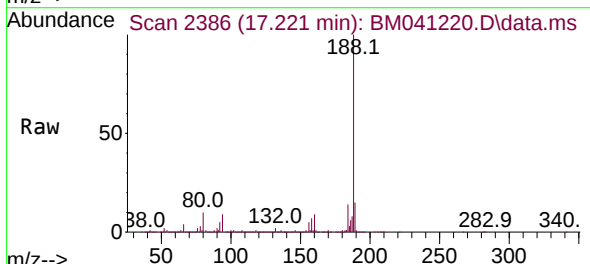
Instrument :
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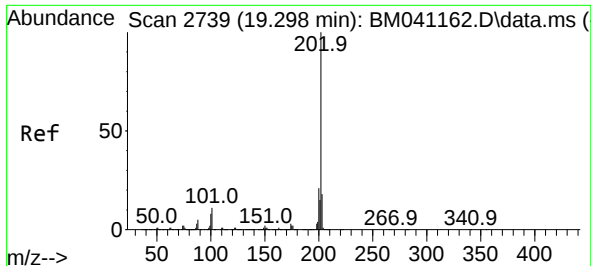
Tgt Ion:163 Resp: 128102
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 11.1 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:188 Resp: 915303
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.5 8.6 13.0

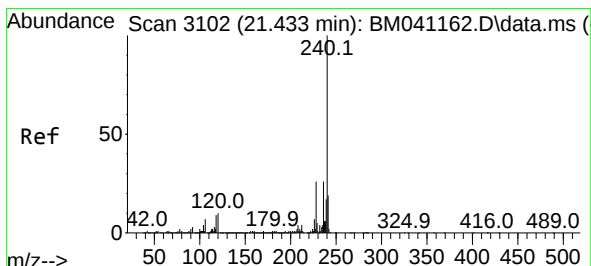
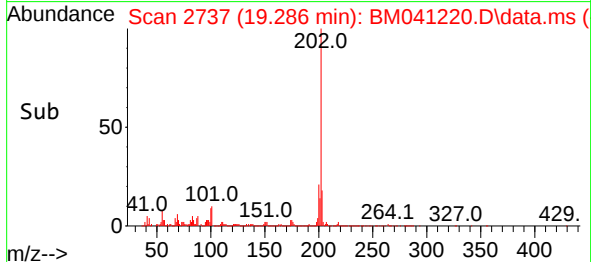
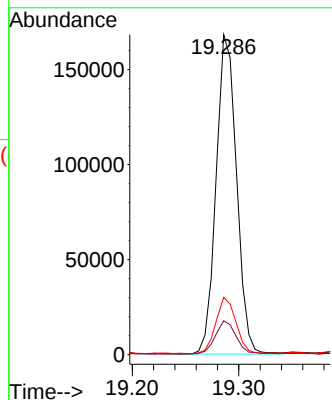
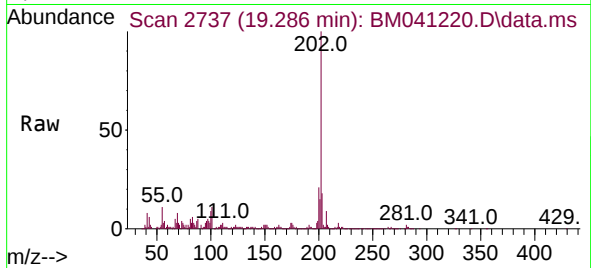




#75
Fluoranthene
Concen: 3.914 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

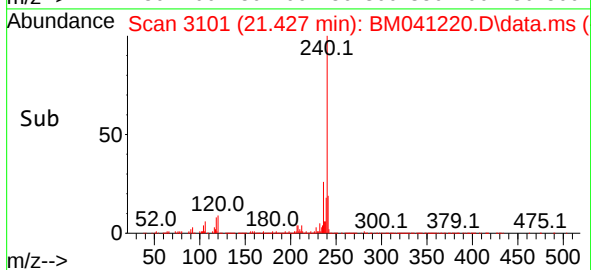
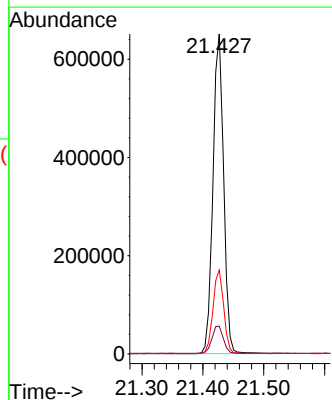
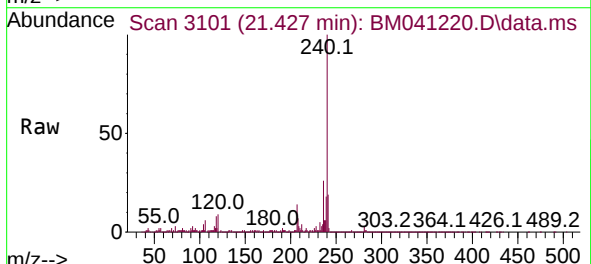
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B-P14A

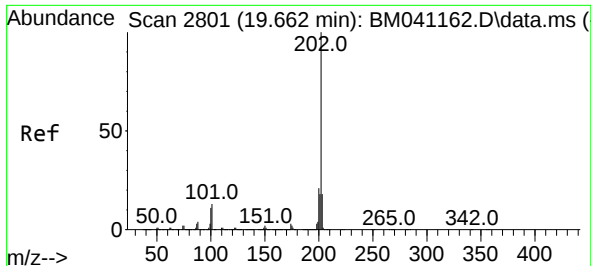
Tgt Ion:202 Resp: 223606
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:240 Resp: 794480
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.3 20.6 30.8

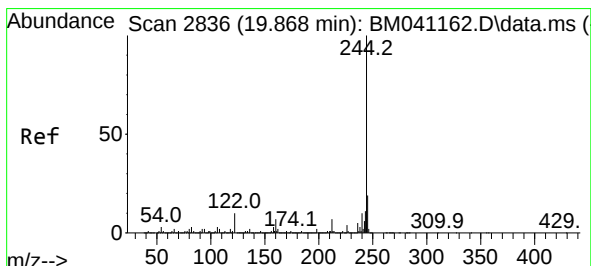
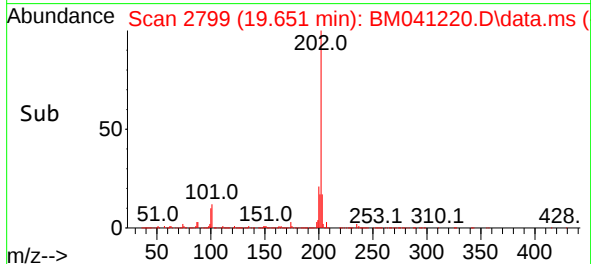
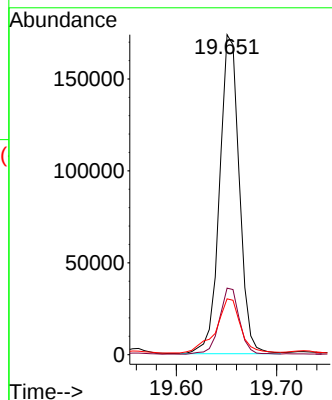
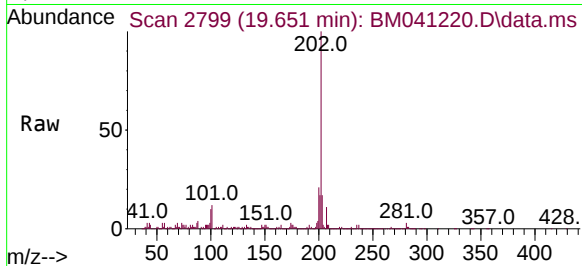




#78
Pyrene
Concen: 4.252 ng
RT: 19.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

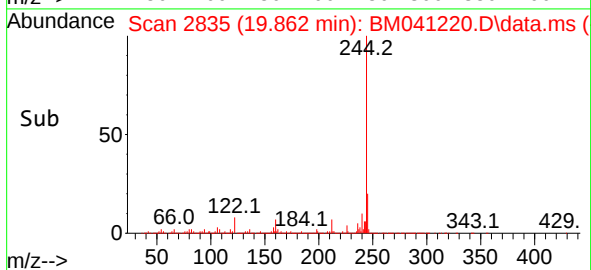
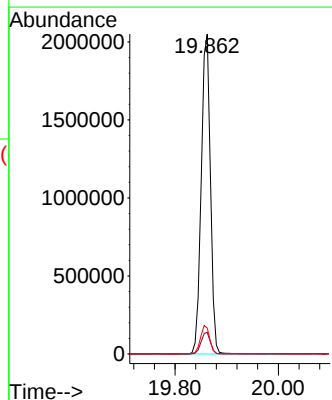
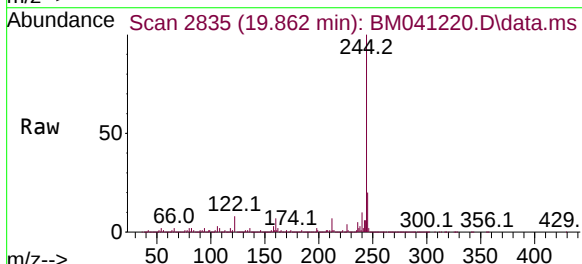
Instrument :
BNA_M
ClientSampleId :
B-P14A

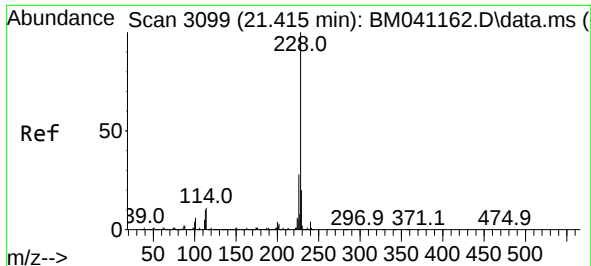
Tgt Ion:202 Resp: 236234
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.1 21.1



#79
Terphenyl-d14
Concen: 57.338 ng
RT: 19.862 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:244 Resp: 2519497
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 8.1 7.8 11.6

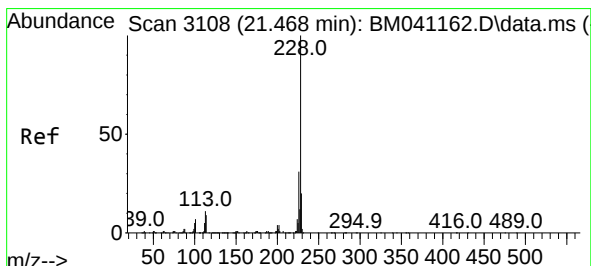
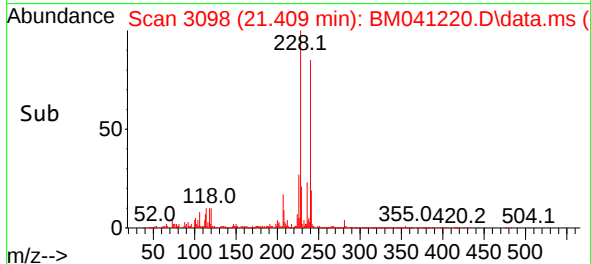
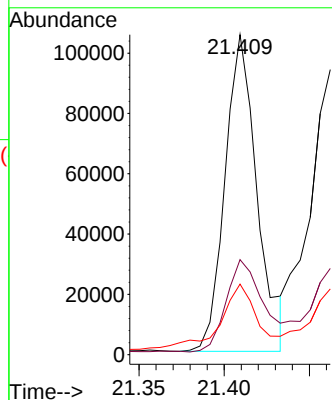
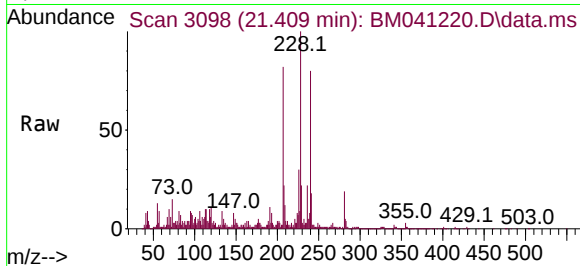




#81
Benzo(a)anthracene
Concen: 2.558 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

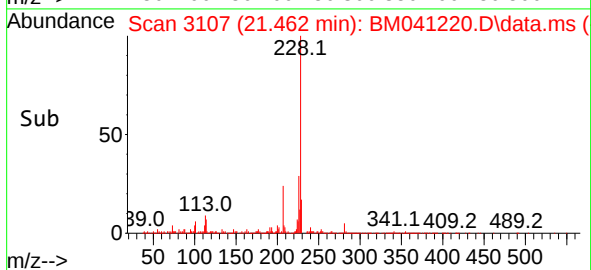
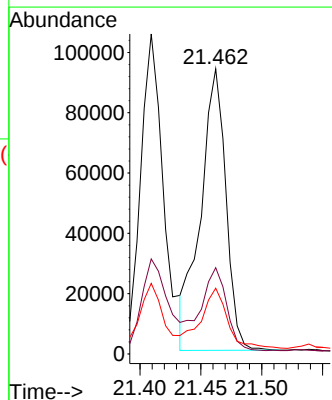
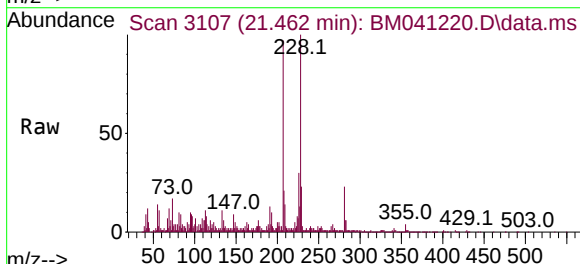
Instrument :
BNA_M
ClientSampleId :
B-P14A

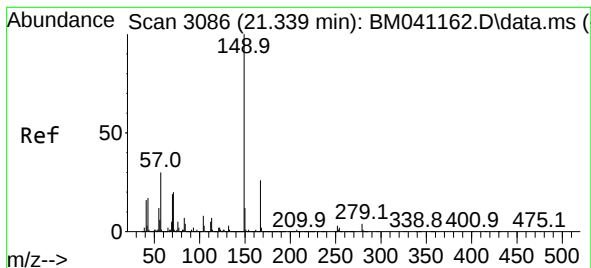
Tgt Ion:228 Resp: 137755
Ion Ratio Lower Upper
228 100
226 29.7 22.4 33.6
229 22.1 15.8 23.8



#83
Chrysene
Concen: 2.597 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:228 Resp: 135296
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 23.0 15.8 23.8

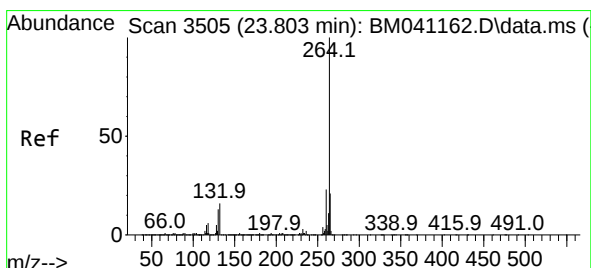
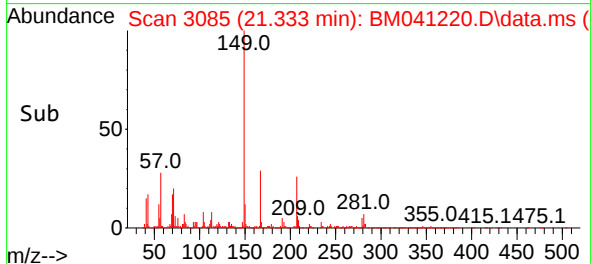
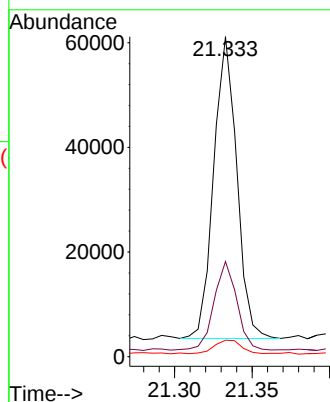
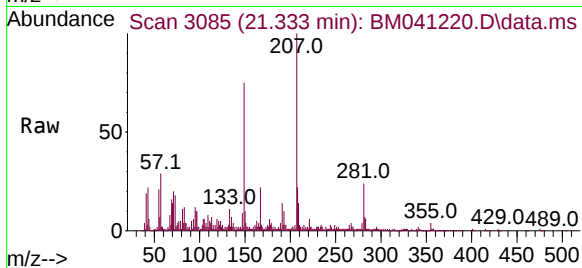




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.291 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

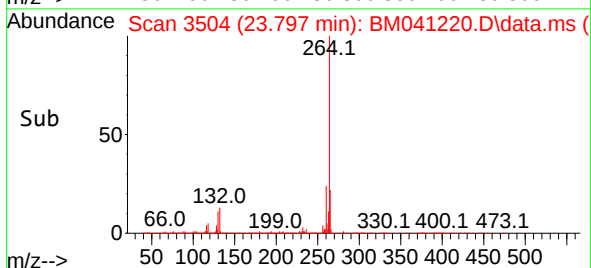
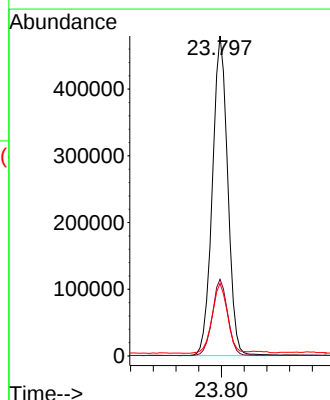
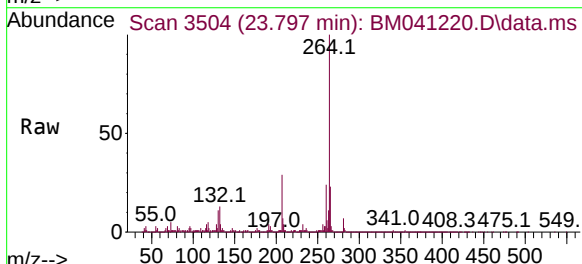
Instrument :
BNA_M
ClientSampleId :
B-P14A

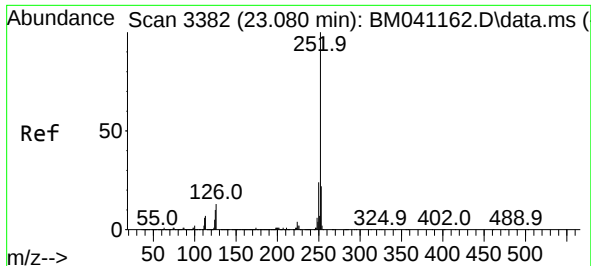
Tgt Ion:149 Resp: 59603
Ion Ratio Lower Upper
149 100
167 29.8 21.0 31.6
279 5.1 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:264 Resp: 896062
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.7 17.4 26.0

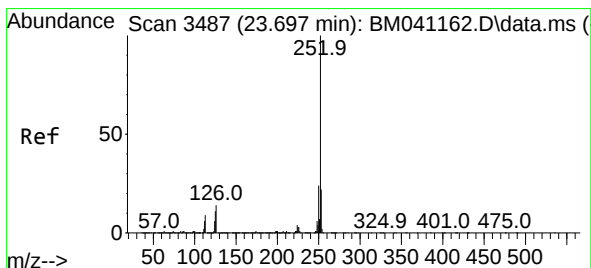
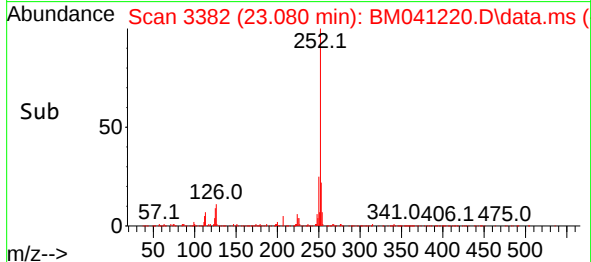
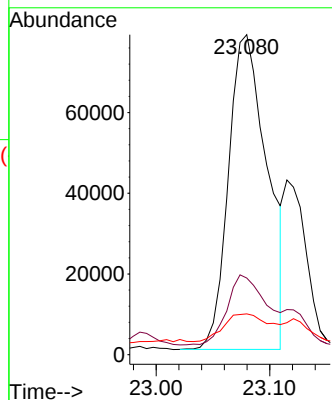
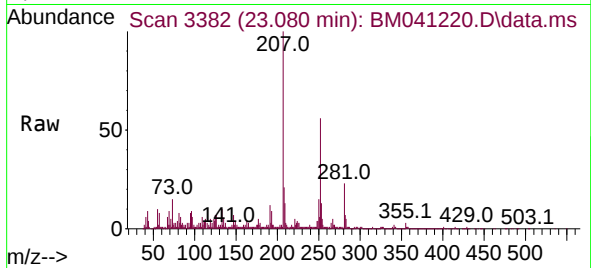




#88
Benzo(b)fluoranthene
Concen: 3.475 ng
RT: 23.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

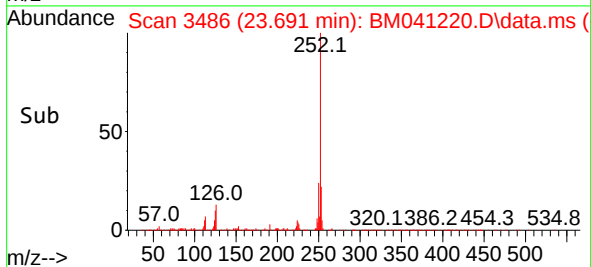
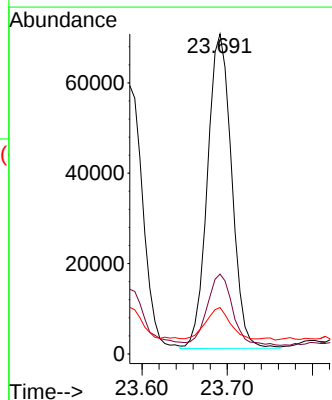
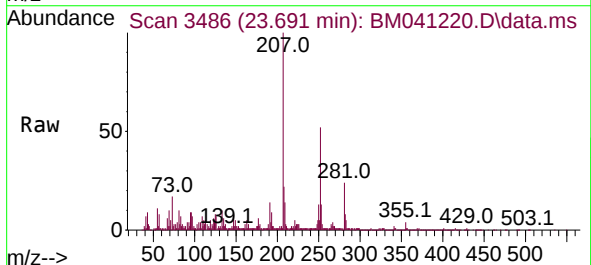
Instrument :
BNA_M
ClientSampleId :
B-P14A

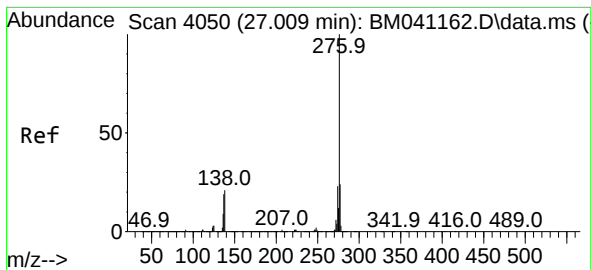
Tgt Ion:252 Resp: 185004
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.7 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 2.683 ng
RT: 23.691 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041220.D
Acq: 01 Aug 2023 12:12

Tgt Ion:252 Resp: 137211
Ion Ratio Lower Upper
252 100
253 25.0 17.3 25.9
125 14.5 9.0 13.4#





#92

Benzo(g,h,i)perylene

Concen: 2.107 ng

RT: 26.991 min Scan# 40

Delta R.T. -0.018 min

Lab File: BM041220.D

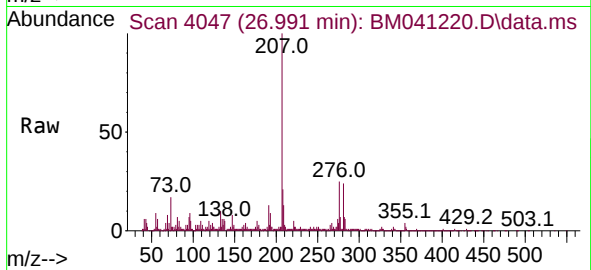
Acq: 01 Aug 2023 12:12

Instrument :

BNA_M

ClientSampleId :

B-P14A



Tgt Ion:276 Resp: 113293

Ion Ratio Lower Upper

276 100

277 26.4 19.1 28.7

138 21.0 17.1 25.7

