

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041207.D
 Acq On : 01 Aug 2023 03:18
 Operator : MA/JU
 Sample : 03741-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P6B

Quant Time: Aug 01 03:49:42 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)

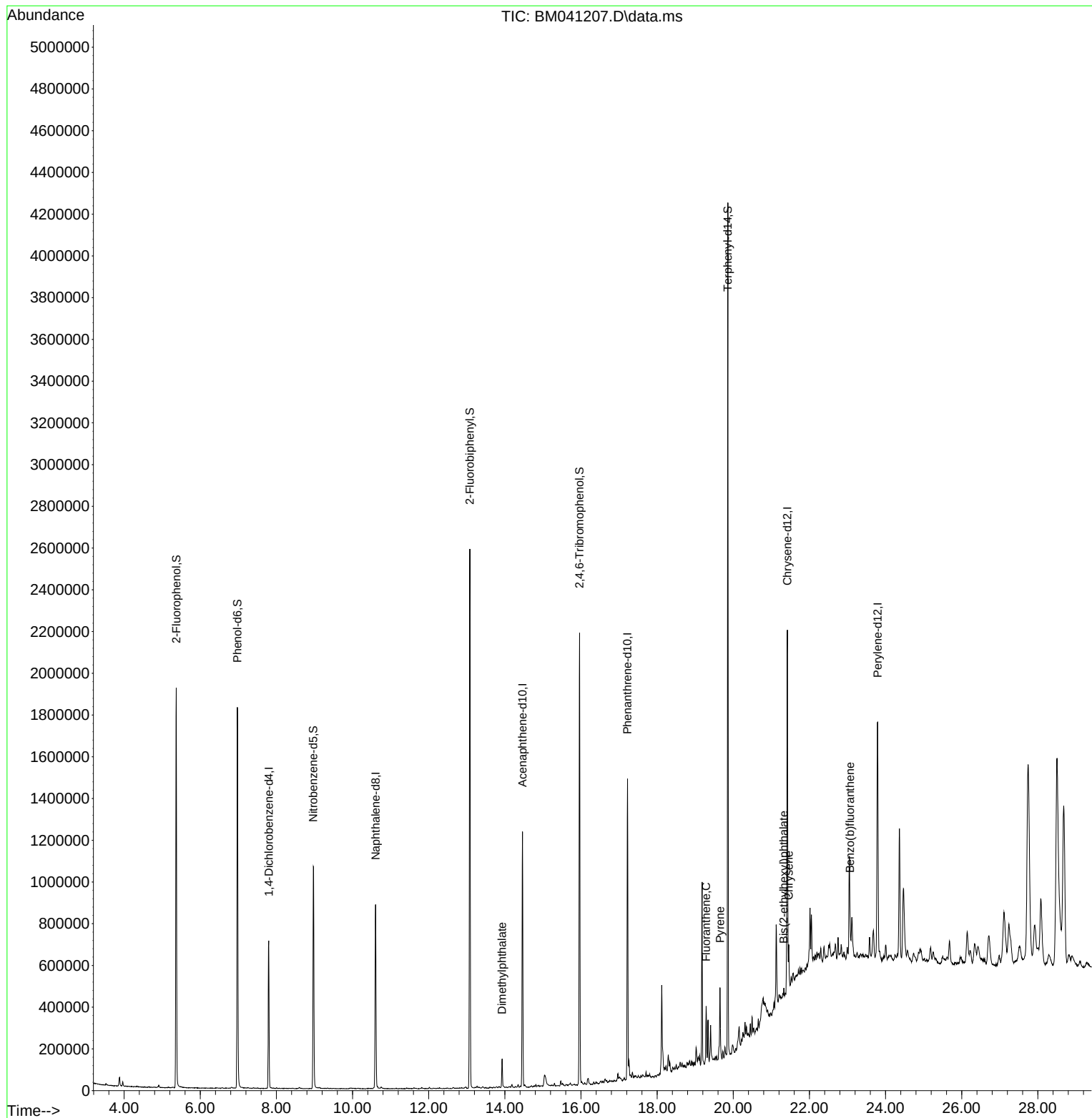
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	181769	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	698927	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	393689	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	825450	20.000	ng	0.00
76) Chrysene-d12	21.421	240	749771	20.000	ng	0.00
86) Perylene-d12	23.791	264	845122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	778101	63.979	ng	0.00
7) Phenol-d6	6.975	99	999320	63.390	ng	0.00
23) Nitrobenzene-d5	8.969	82	620326	41.275	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	380991	68.419	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1251231	40.149	ng	0.00
79) Terphenyl-d14	19.856	244	1792025	43.214	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.927	163	78856	2.663	ng	99
75) Fluoranthene	19.286	202	123180	2.391	ng	99
78) Pyrene	19.651	202	192654	3.674	ng	99
83) Chrysene	21.456	228	104126	2.118	ng	96
84) Bis(2-ethylhexyl)phtha...	21.327	149	13261	2.952	ng	97
88) Benzo(b)fluoranthene	23.068	252	105741	2.106	ng	# 92

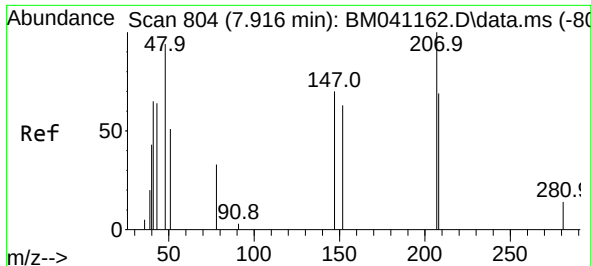
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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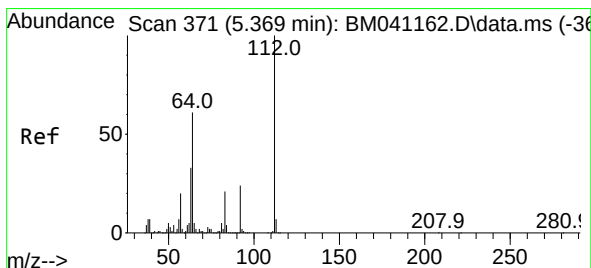
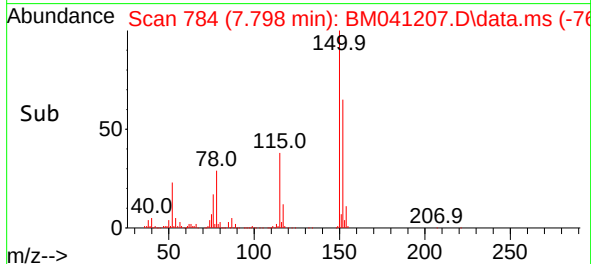
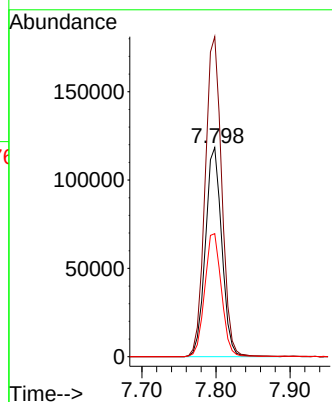
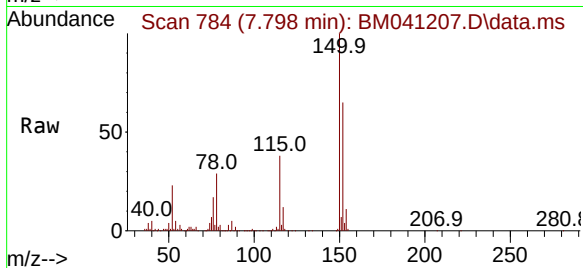




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

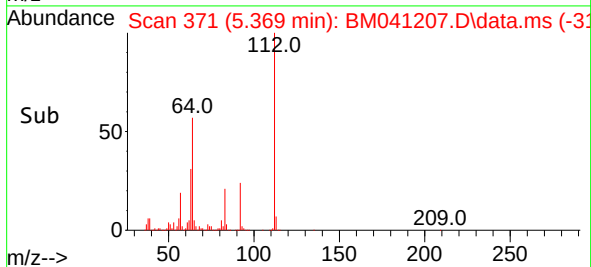
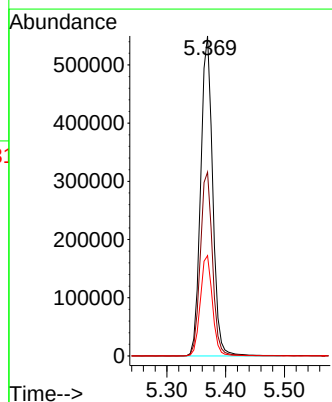
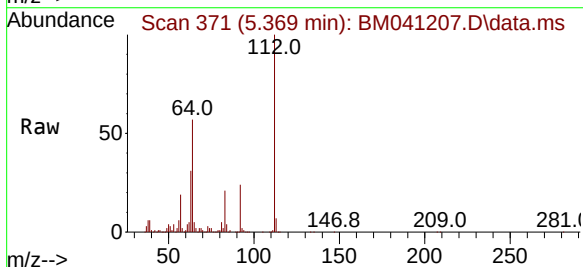
Instrument :
BNA_M
ClientSampleId :
B-P6B

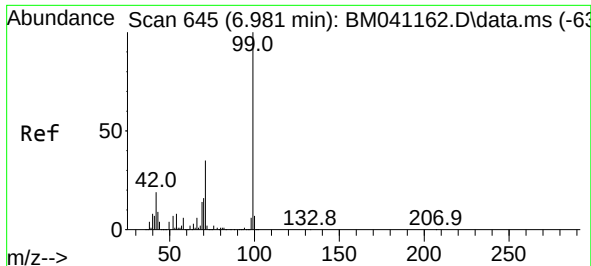
Tgt Ion:152 Resp: 181769
Ion Ratio Lower Upper
152 100
150 153.1 125.5 188.3
115 58.8 48.0 72.0



#5
2-Fluorophenol
Concen: 63.979 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion:112 Resp: 778101
Ion Ratio Lower Upper
112 100
64 57.4 48.5 72.7
63 31.4 26.5 39.7

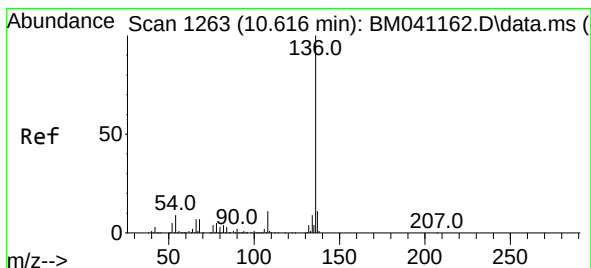
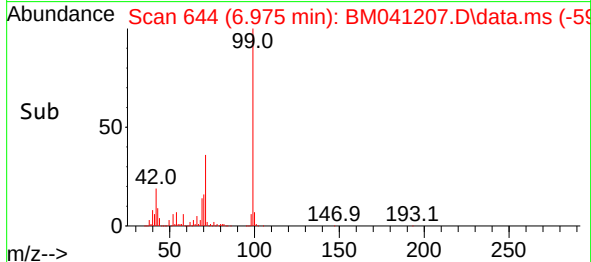
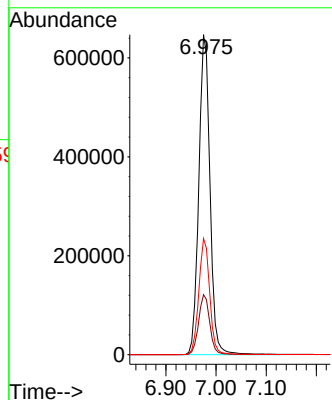
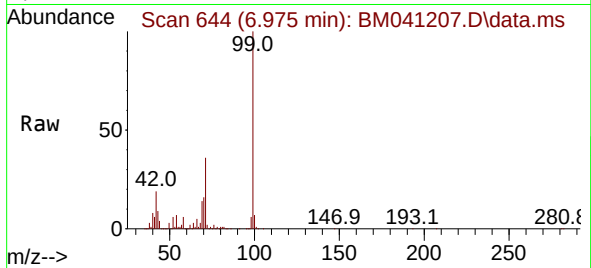




#7
Phenol-d6
Concen: 63.390 ng
RT: 6.975 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

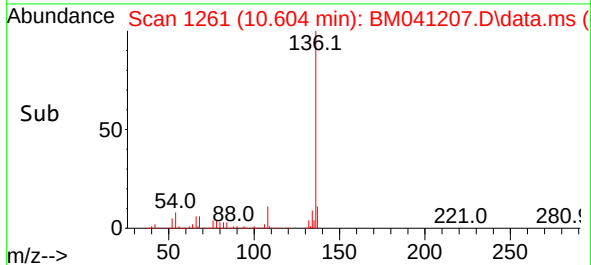
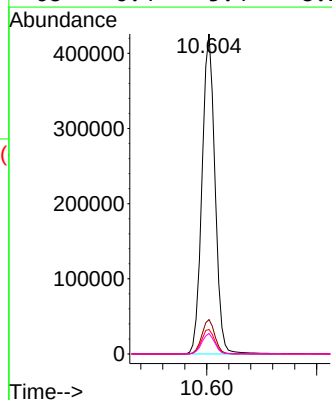
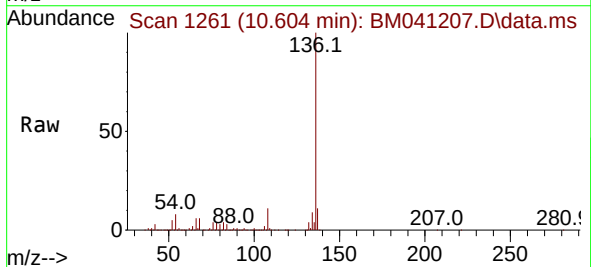
Instrument :
BNA_M
ClientSampleId :
B-P6B

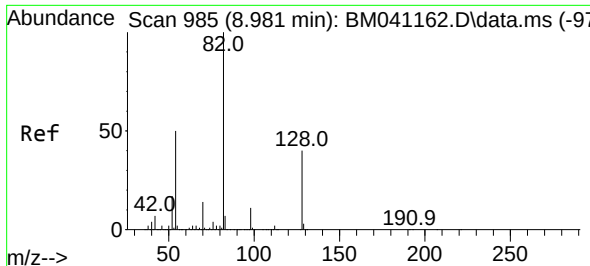
Tgt Ion: 99 Resp: 999320
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 36.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion: 136 Resp: 698927
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 6.9 10.3
68 6.4 5.4 8.2

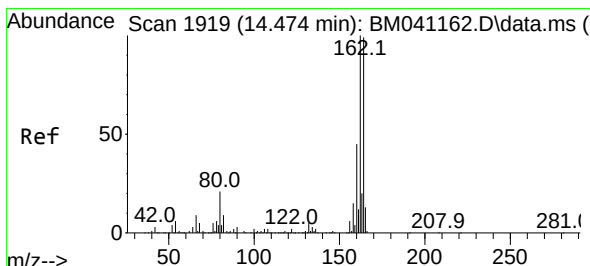
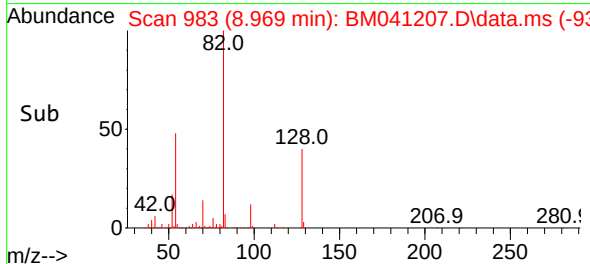
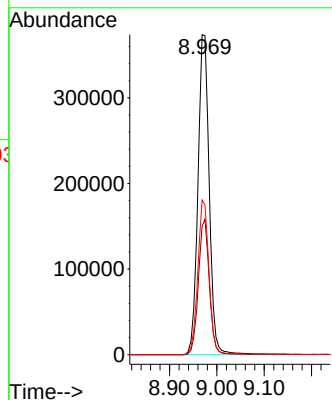
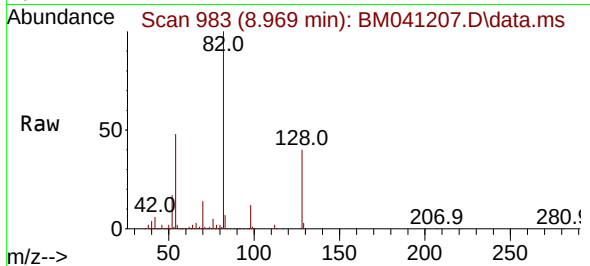




#23
Nitrobenzene-d5
Concen: 41.275 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

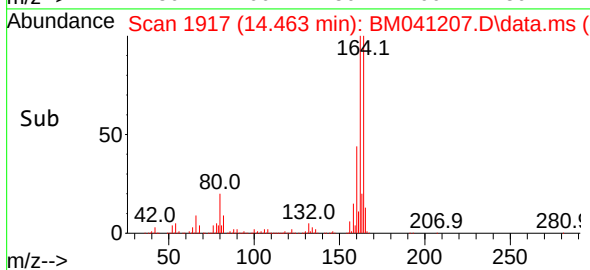
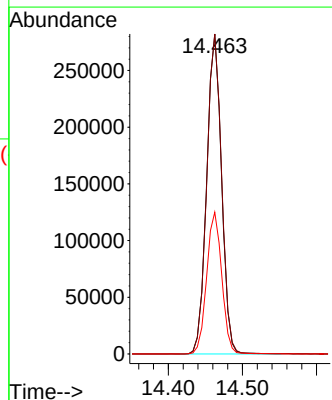
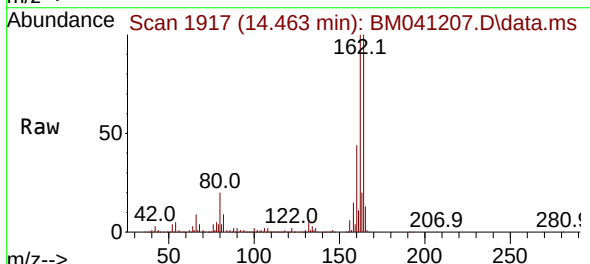
Instrument :
BNA_M
ClientSampleId :
B-P6B

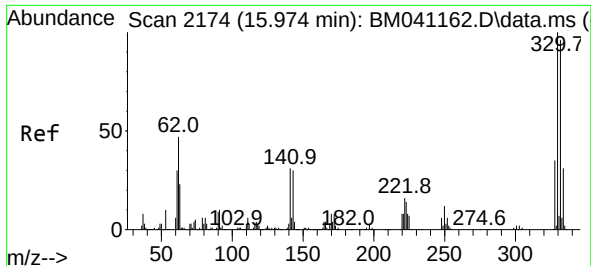
Tgt Ion: 82 Resp: 620326
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 48.4 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion: 164 Resp: 393689
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 44.3 36.2 54.2

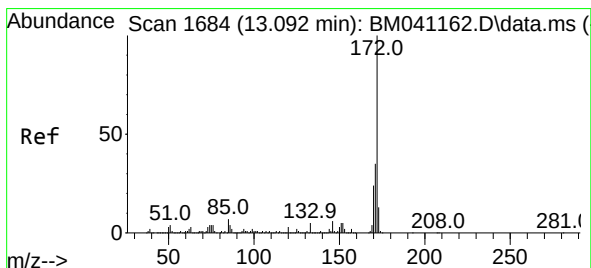
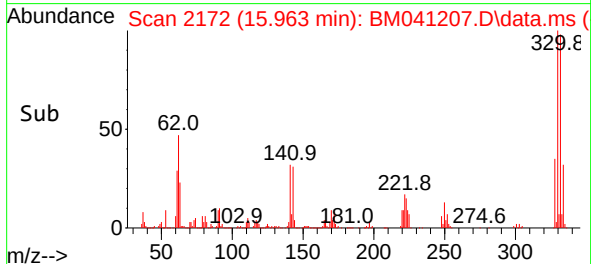
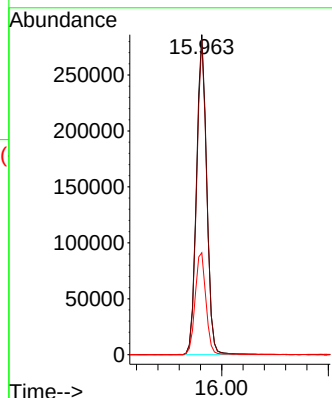
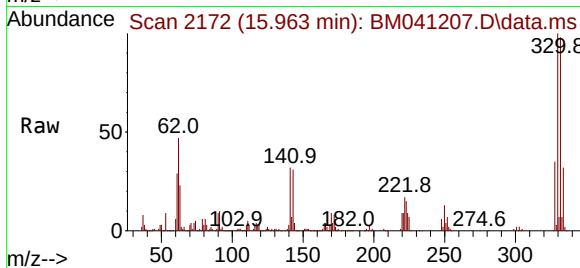




#42
2,4,6-Tribromophenol
Concen: 68.419 ng
RT: 15.963 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

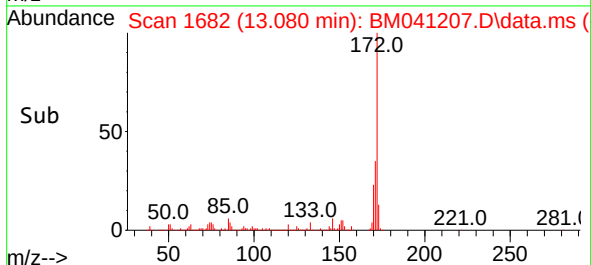
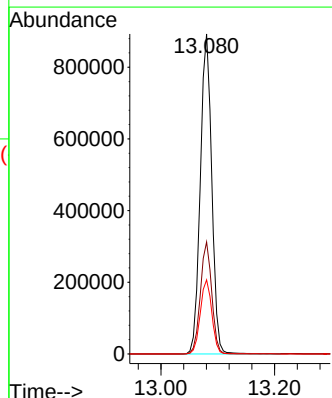
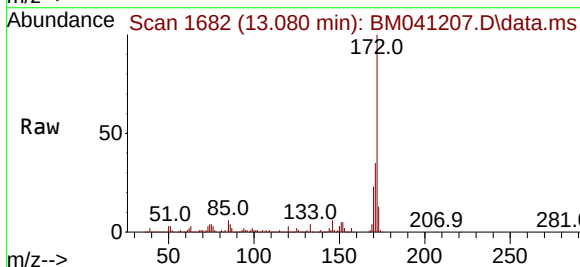
Instrument :
BNA_M
ClientSampleId :
B-P6B

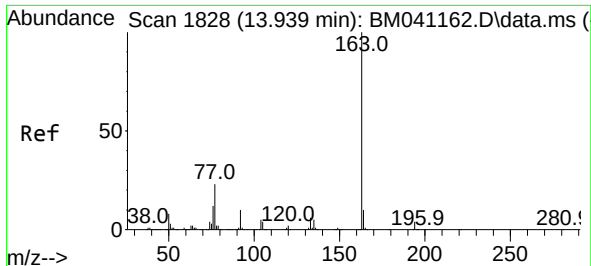
Tgt Ion:330 Resp: 380991
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 33.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 40.149 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion:172 Resp: 1251231
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 18.9 28.3

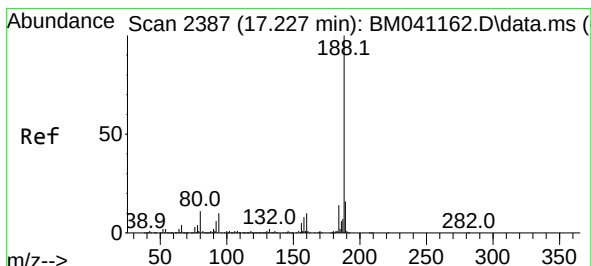
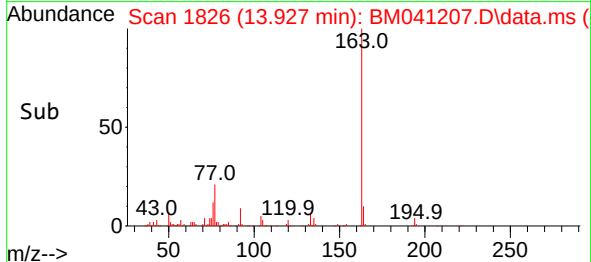
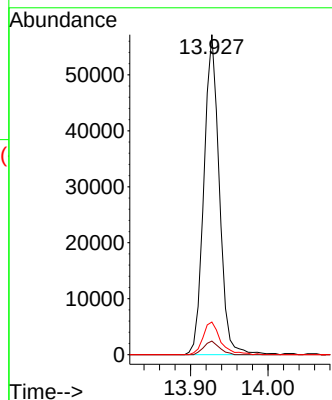
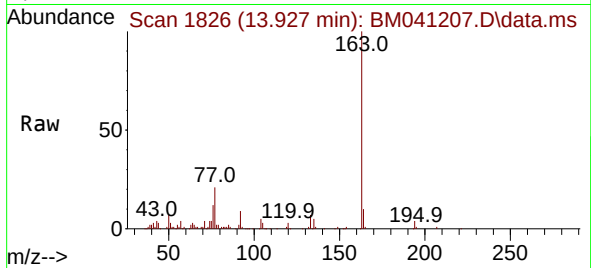




#50
Dimethylphthalate
Concen: 2.663 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

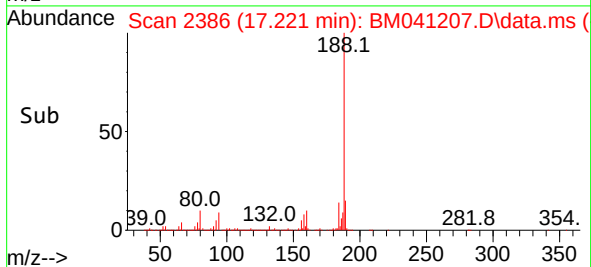
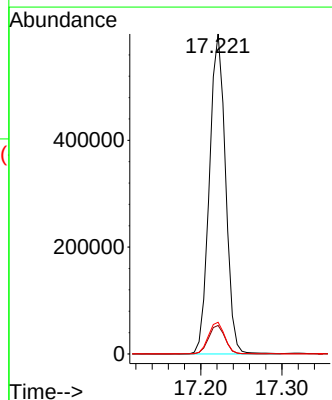
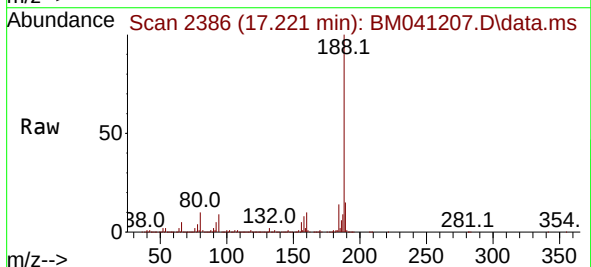
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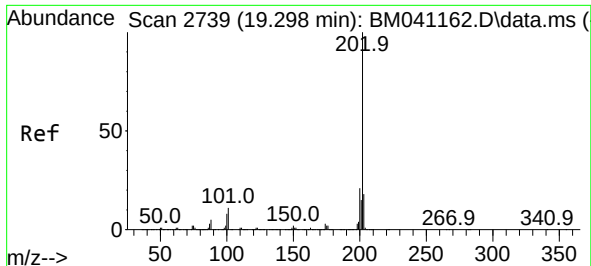
Tgt Ion:163 Resp: 78856
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion:188 Resp: 825450
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.9 8.6 13.0

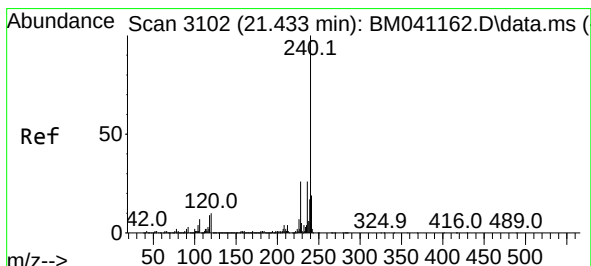
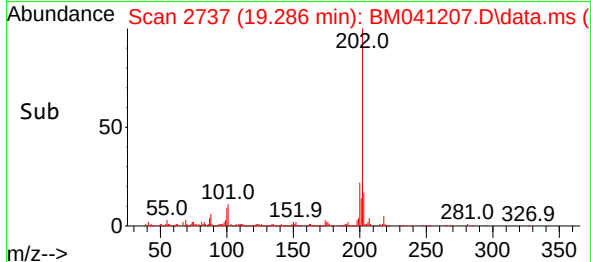
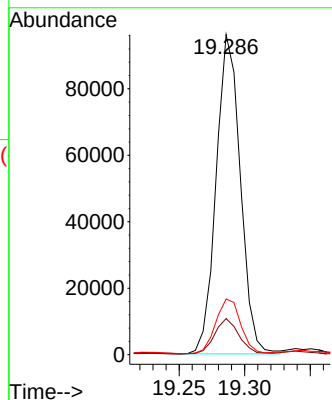
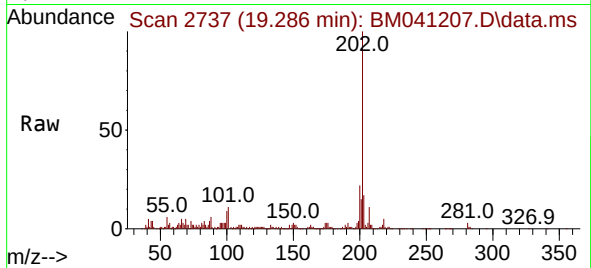




#75
Fluoranthene
Concen: 2.391 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

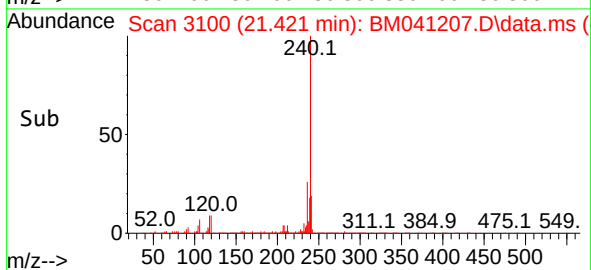
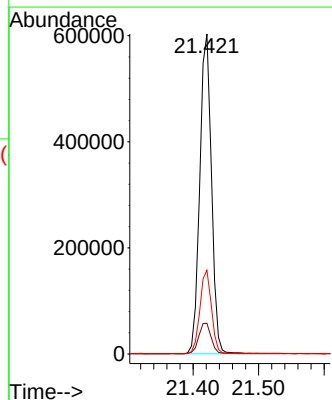
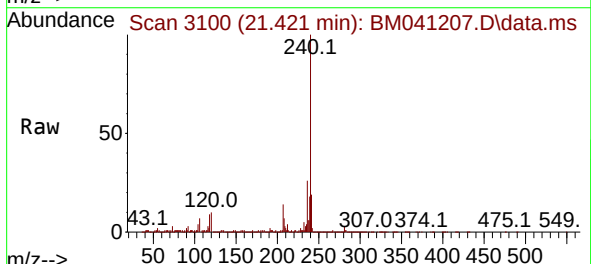
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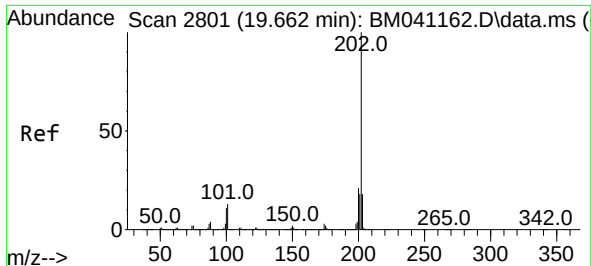
Tgt Ion:202 Resp: 123180
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM041207.D
Acq: 01 Aug 2023 03:18

Tgt Ion:240 Resp: 749771
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.1 20.6 30.8

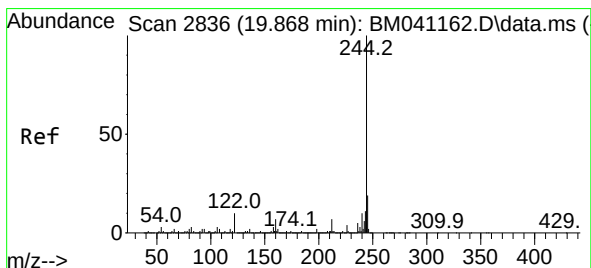
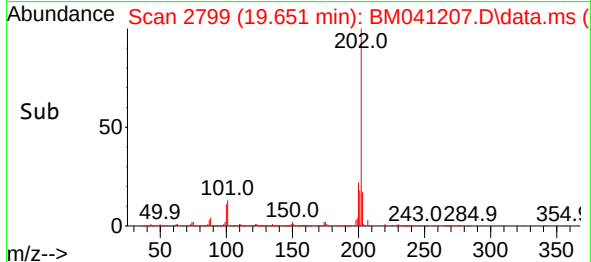
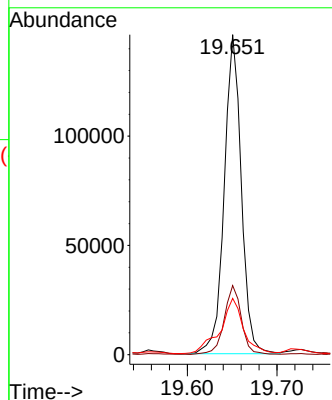
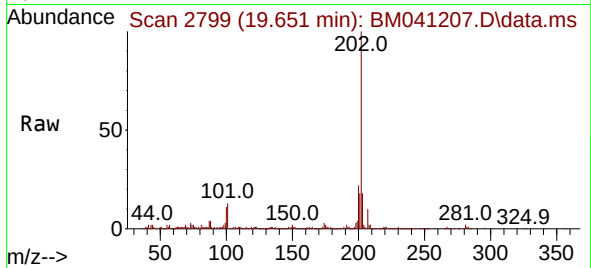




#78
 Pyrene
 Concen: 3.674 ng
 RT: 19.651 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041207.D
 Acq: 01 Aug 2023 03:18

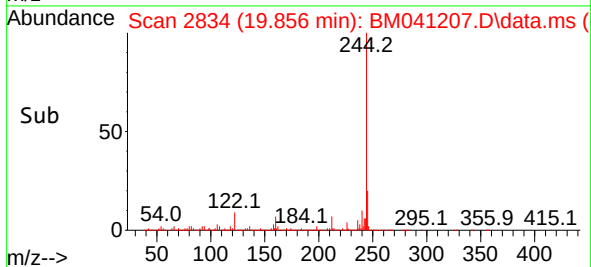
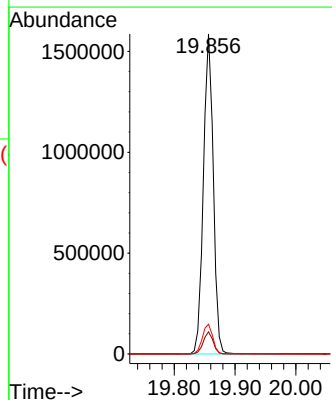
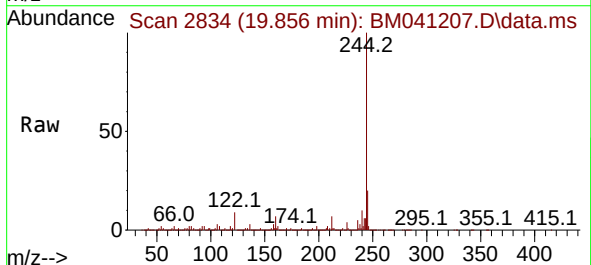
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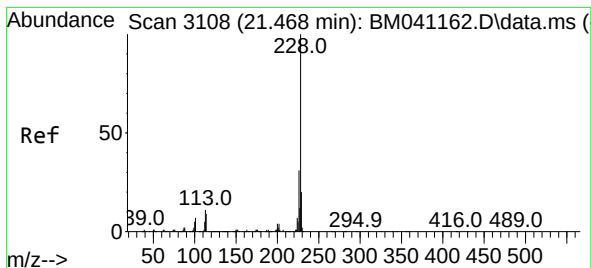
Tgt Ion:202 Resp: 192654
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.9 25.3
 203 17.6 14.1 21.1



#79
 Terphenyl-d14
 Concen: 43.214 ng
 RT: 19.856 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BM041207.D
 Acq: 01 Aug 2023 03:18

Tgt Ion:244 Resp: 1792025
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.3 7.8 11.6





#83

Chrysene

Concen: 2.118 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM041207.D

Acq: 01 Aug 2023 03:18

Instrument :

BNA_M

ClientSampleId :

B-P6B

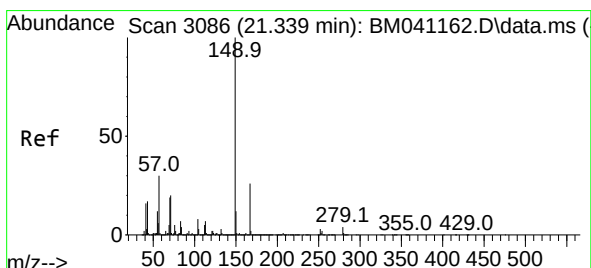
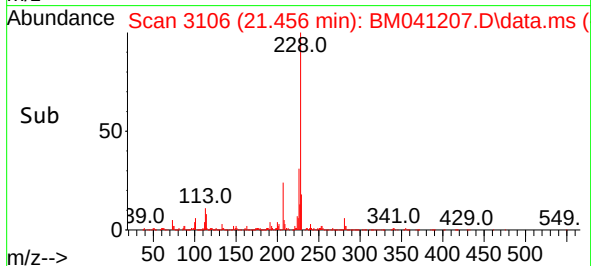
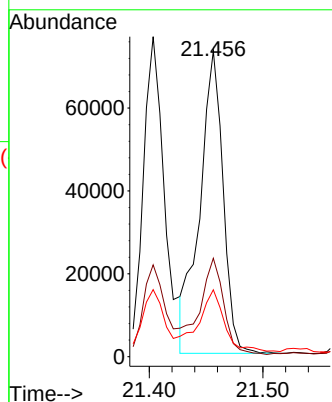
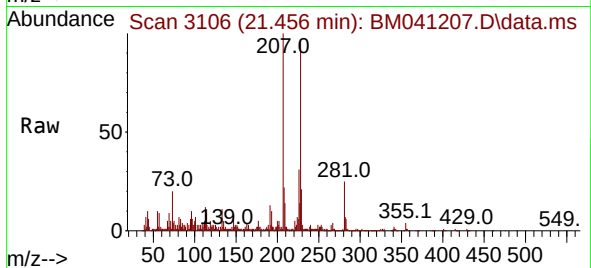
Tgt Ion:228 Resp: 104126

Ion Ratio Lower Upper

228 100

226 32.2 24.5 36.7

229 21.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.952 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.012 min

Lab File: BM041207.D

Acq: 01 Aug 2023 03:18

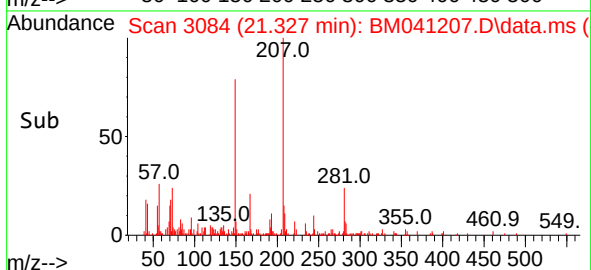
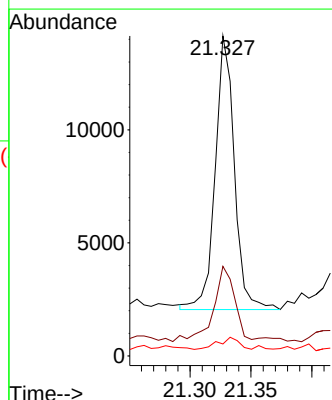
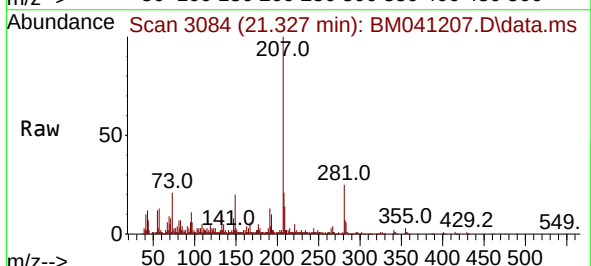
Tgt Ion:149 Resp: 13261

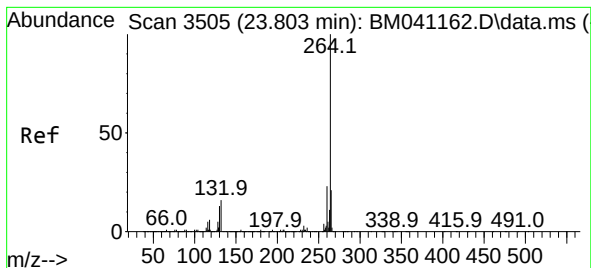
Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.6

279 3.7 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM041207.D

Acq: 01 Aug 2023 03:18

Instrument :

BNA_M

ClientSampleId :

B-P6B

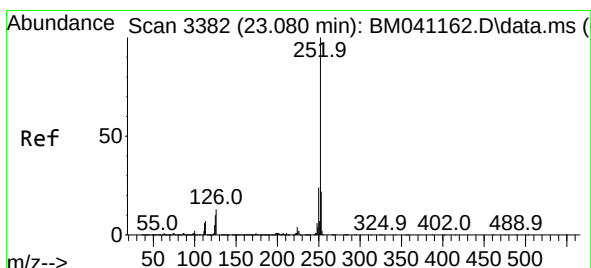
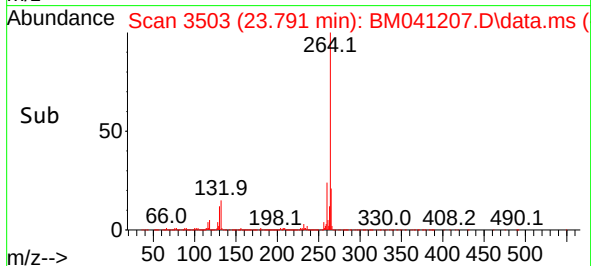
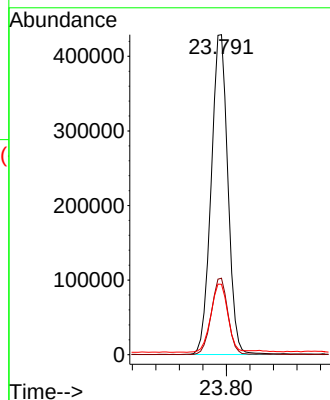
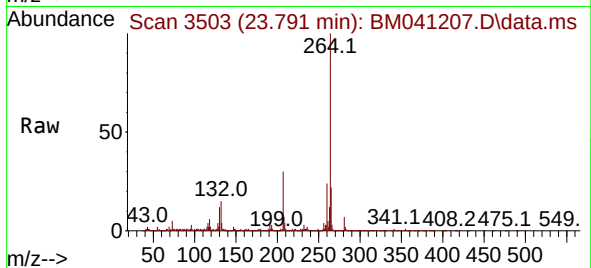
Tgt Ion:264 Resp: 845122

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.0 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.106 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041207.D

Acq: 01 Aug 2023 03:18

Tgt Ion:252 Resp: 105741

Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

125 14.2 8.2 12.4#

