

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034351.D
 Acq On : 23 Mar 2022 22:33
 Operator : CG/JU
 Sample : N1958-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-5-4-5

Quant Time: Mar 24 02:43:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

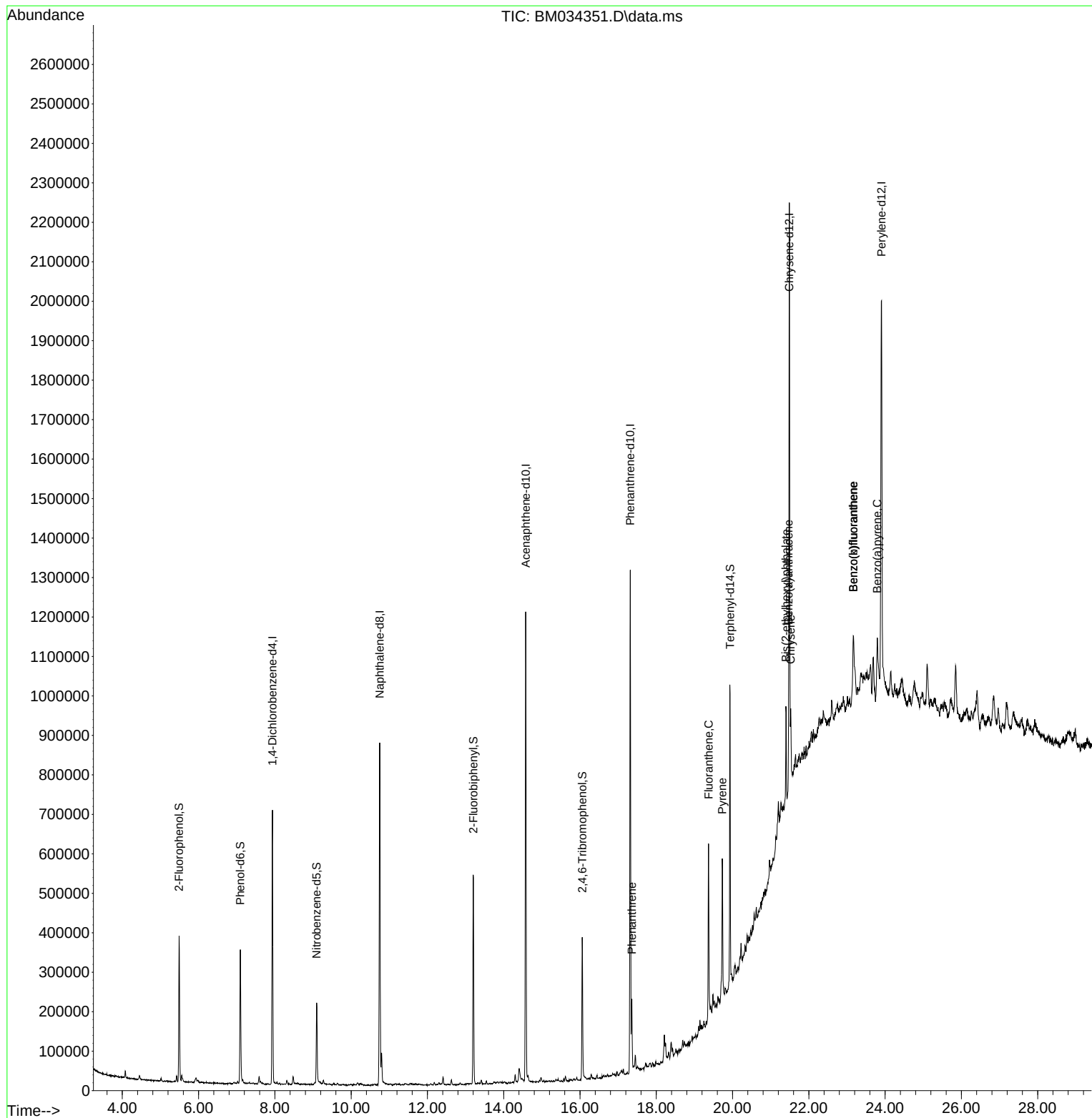
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	181215	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	690211	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	392405	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	738928	20.000	ng	0.00
76) Chrysene-d12	21.489	240	705684	20.000	ng	0.00
86) Perylene-d12	23.906	264	794028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	152525	15.099	ng	0.00
7) Phenol-d6	7.095	99	189830	13.125	ng	0.00
23) Nitrobenzene-d5	9.095	82	127067	8.963	ng	-0.01
42) 2,4,6-Tribromophenol	16.059	330	65219	12.331	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	273161	9.512	ng	0.00
79) Terphenyl-d14	19.936	244	366606	9.027	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.359	178	102443	2.476	ng	97
75) Fluoranthene	19.371	202	214517	4.624	ng	98
78) Pyrene	19.730	202	209203	4.208	ng	99
81) Benzo(a)anthracene	21.471	228	105574	2.370	ng	96
83) Chrysene	21.524	228	104033	2.287	ng	95
84) Bis(2-ethylhexyl)phtha...	21.400	149	82104	2.644	ng	# 99
88) Benzo(b)fluoranthene	23.171	252	195503	4.117	ng	# 90
89) Benzo(k)fluoranthene	23.171	252	195503	3.887	ng	# 89
90) Benzo(a)pyrene	23.794	252	102859	2.555	ng	# 88

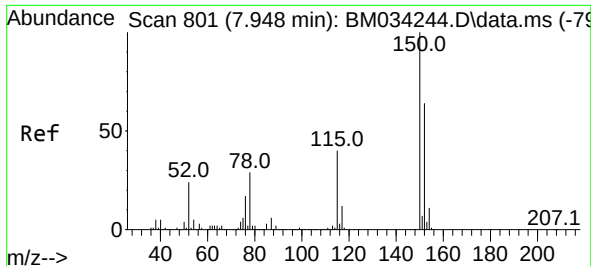
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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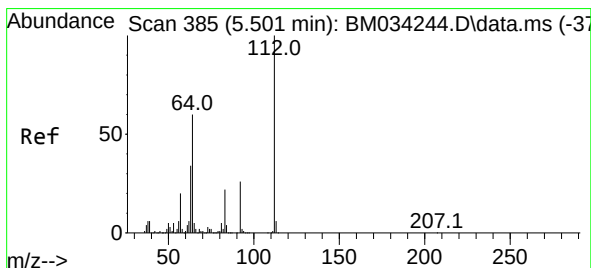
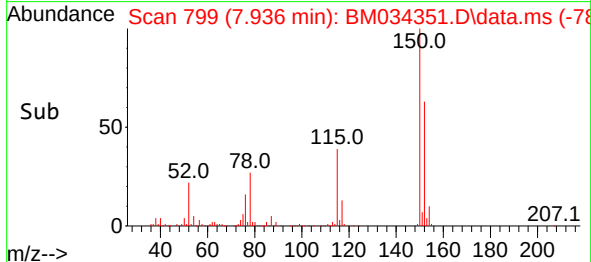
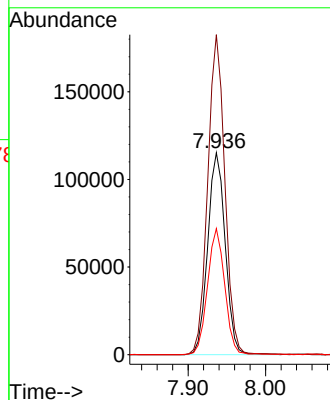
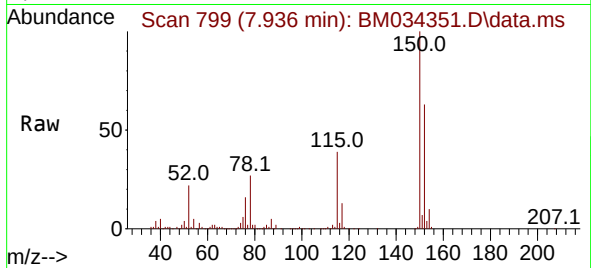




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

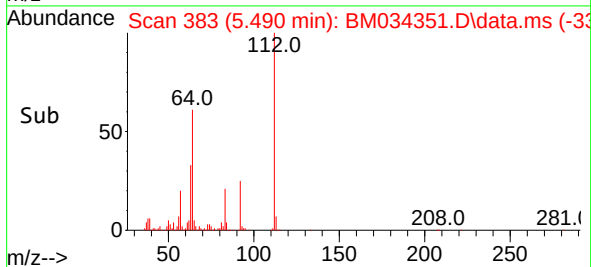
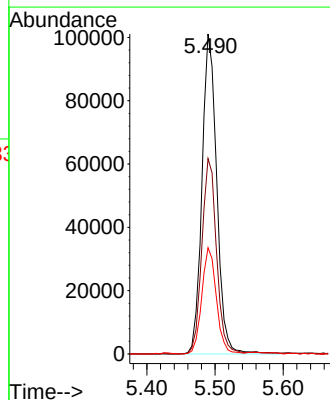
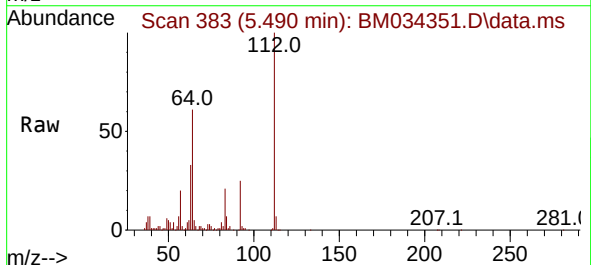
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

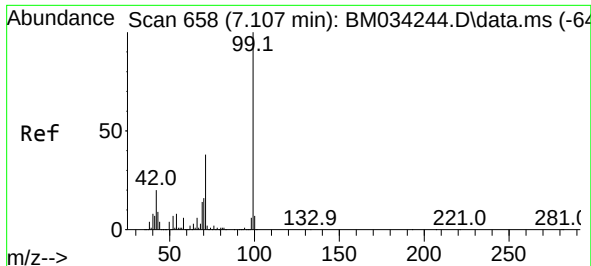
Tgt Ion:152 Resp: 181215
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.2
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 15.099 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:112 Resp: 152525
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.2 27.1 40.7

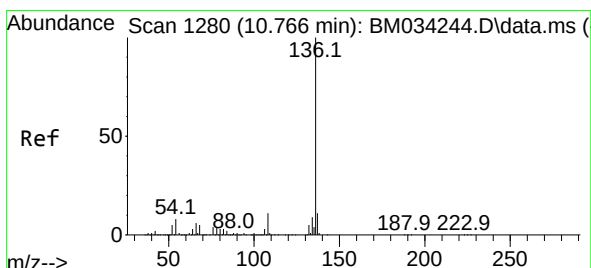
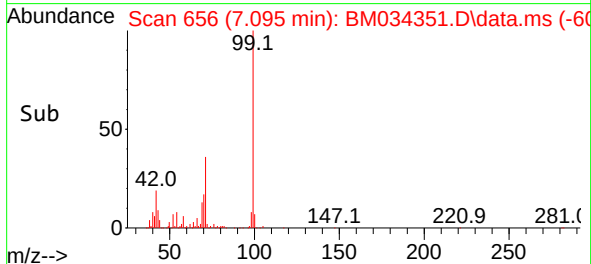
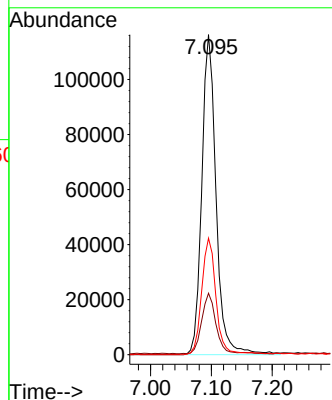
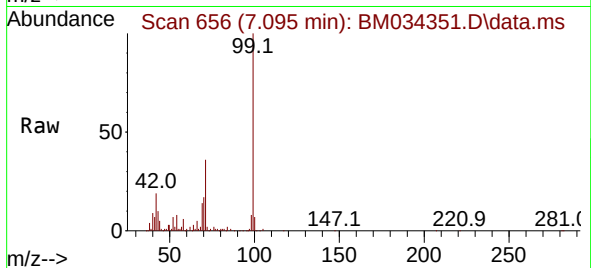




#7
Phenol-d6
Concen: 13.125 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

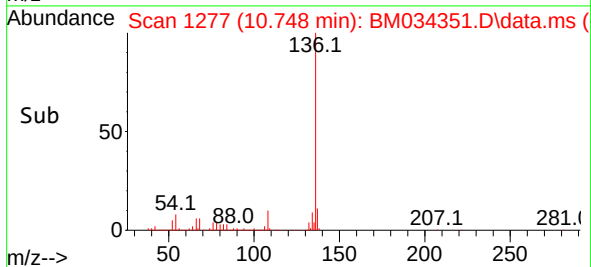
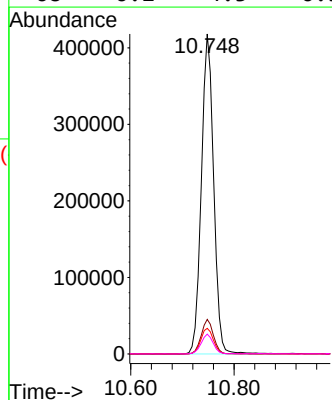
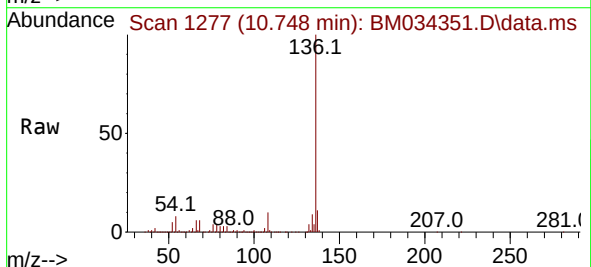
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

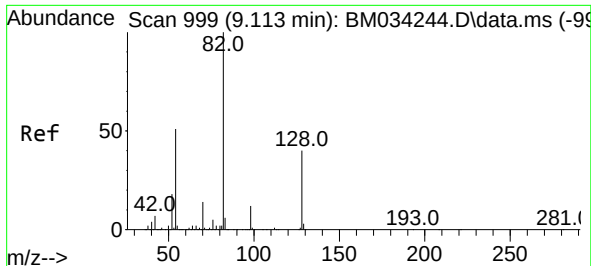
Tgt Ion: 99 Resp: 189830
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion: 136 Resp: 690211
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.0 6.2 9.4
68 6.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 8.963 ng

RT: 9.095 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM034351.D

Acq: 23 Mar 2022 22:33

Instrument :

BNA_M

ClientSampleId :

C-5-4-5

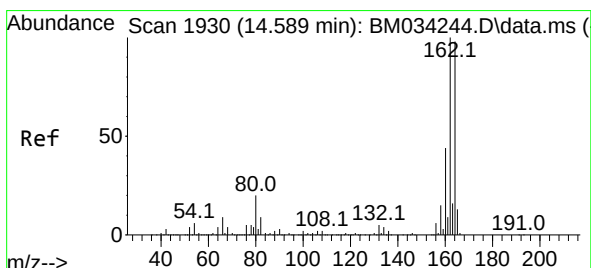
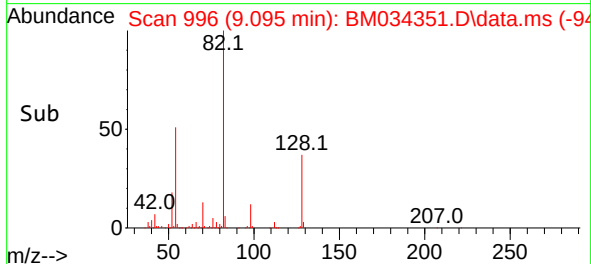
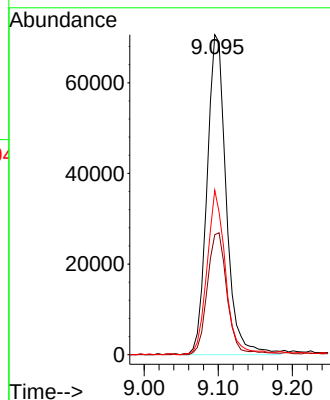
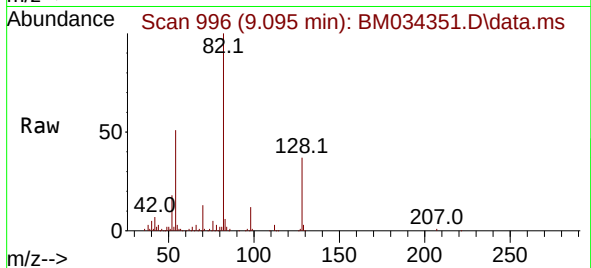
Tgt Ion: 82 Resp: 127067

Ion Ratio Lower Upper

82 100

128 37.5 31.9 47.9

54 51.4 40.6 61.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM034351.D

Acq: 23 Mar 2022 22:33

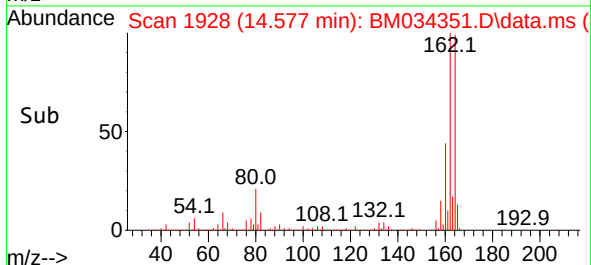
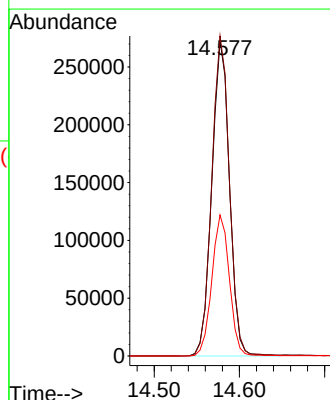
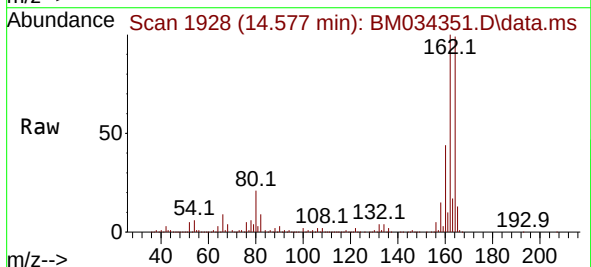
Tgt Ion: 164 Resp: 392405

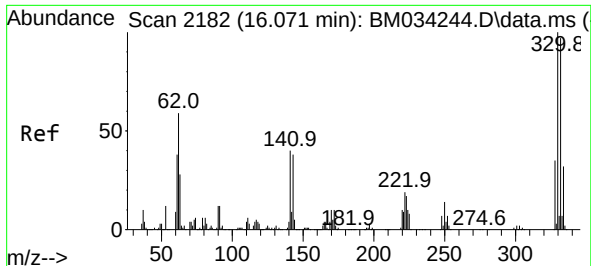
Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 44.7 35.6 53.4

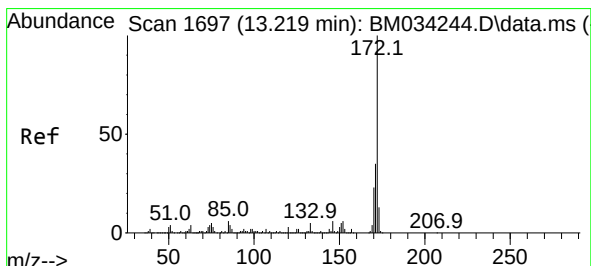
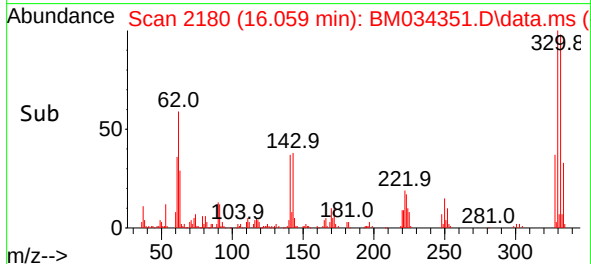
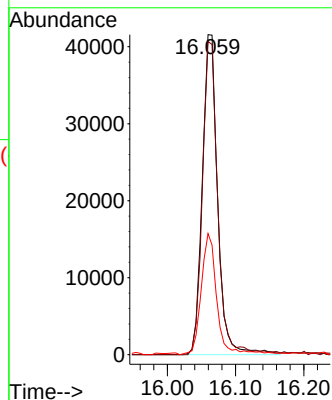
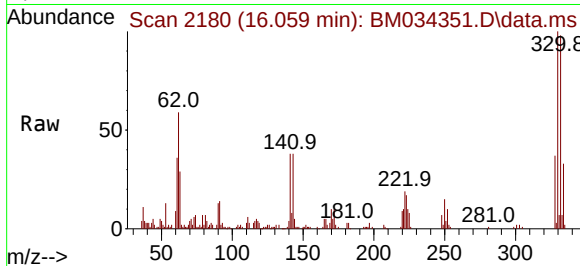




#42
2,4,6-Tribromophenol
Concen: 12.331 ng
RT: 16.059 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

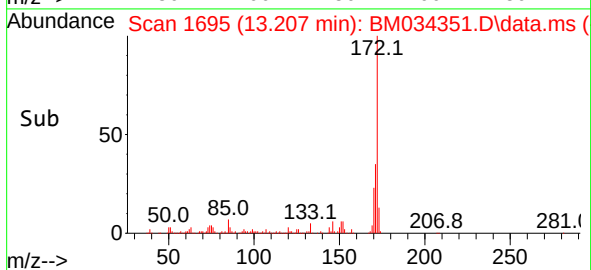
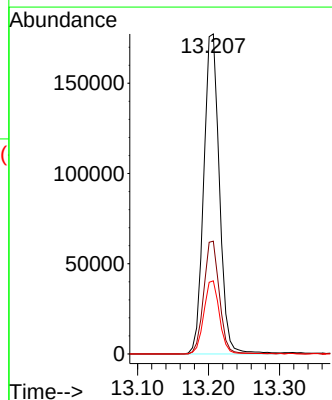
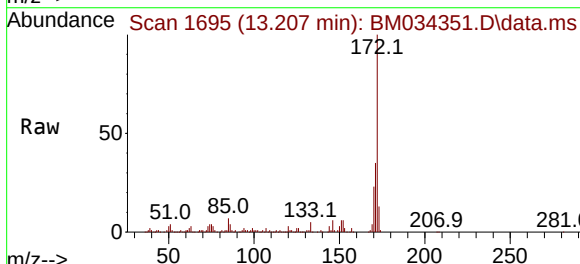
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

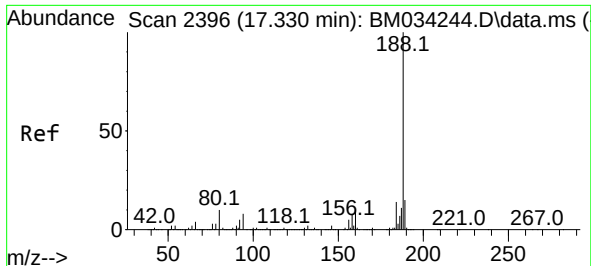
Tgt Ion:330 Resp: 65219
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 38.7 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 9.512 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:172 Resp: 273161
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 22.9 18.6 28.0

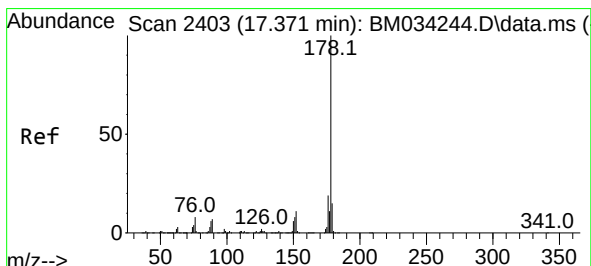
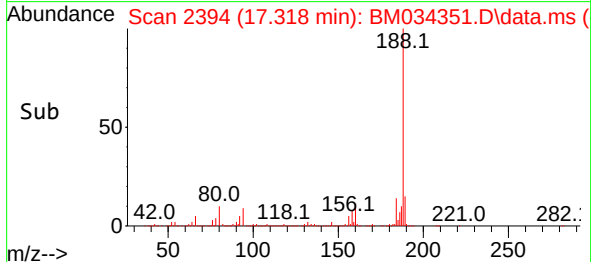
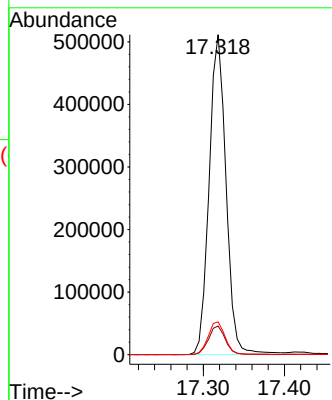
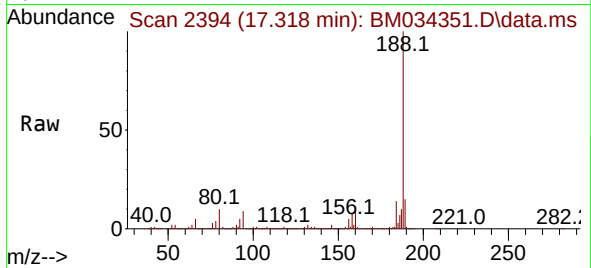




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

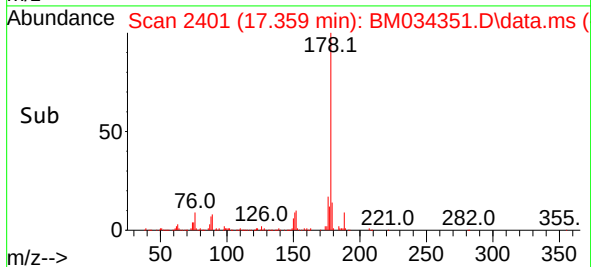
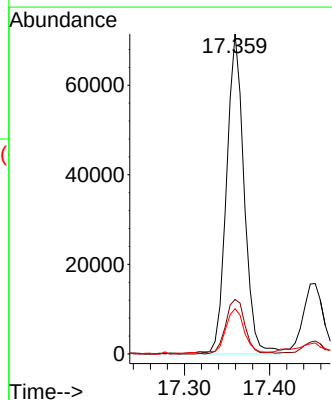
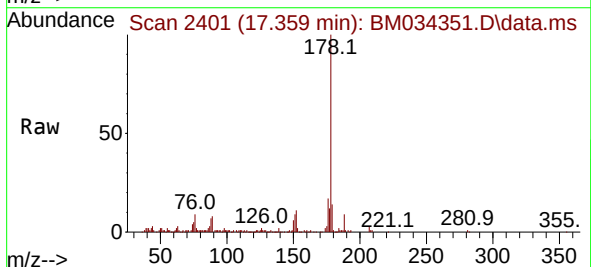
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BNA_M
ClientSampleId :
C-5-4-5

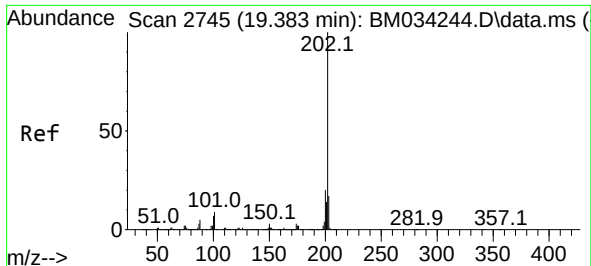
Tgt Ion:188 Resp: 738928
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.3 7.8 11.8



#71
Phenanthrene
Concen: 2.476 ng
RT: 17.359 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:178 Resp: 102443
Ion Ratio Lower Upper
178 100
176 17.1 15.1 22.7
179 14.2 12.2 18.4

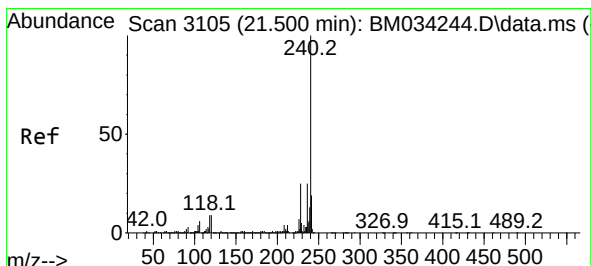
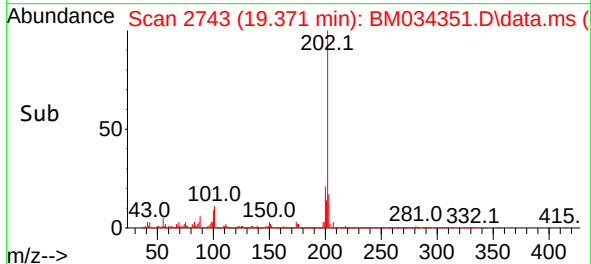
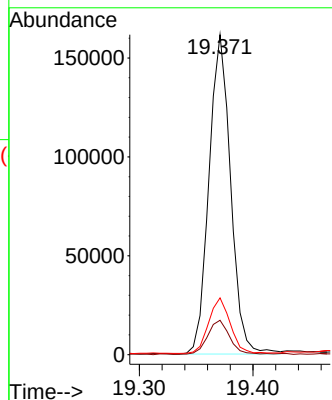
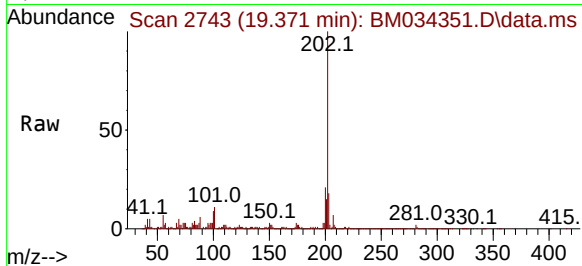




#75
Fluoranthene
Concen: 4.624 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

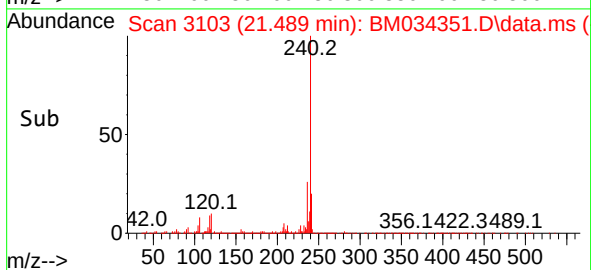
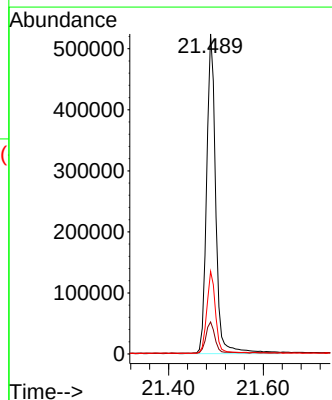
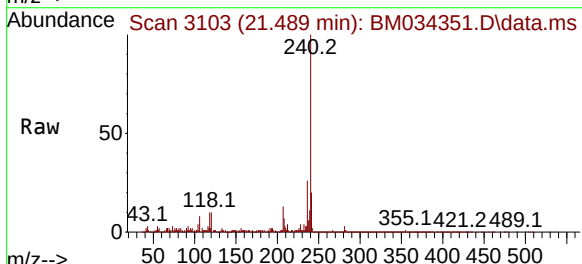
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C-5-4-5

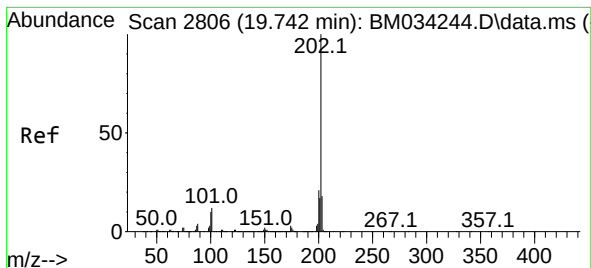
Tgt Ion:202 Resp: 214517
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.4
203 17.8 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:240 Resp: 705684
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.8 20.2 30.2





#78

Pyrene

Concen: 4.208 ng

RT: 19.730 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM034351.D

Acq: 23 Mar 2022 22:33

Instrument :

BNA_M

ClientSampleId :

C-5-4-5

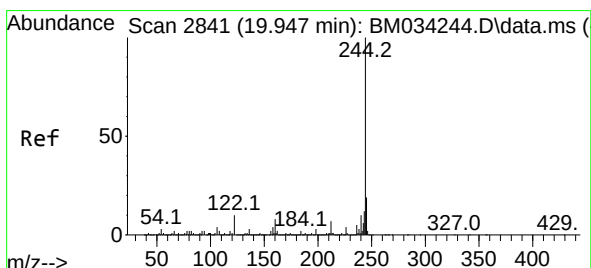
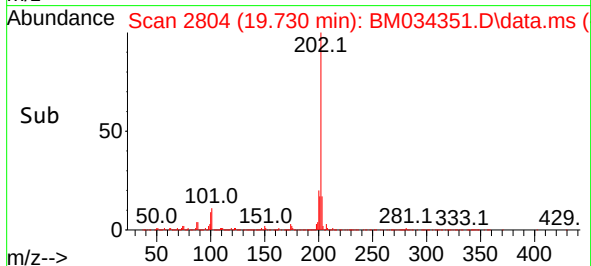
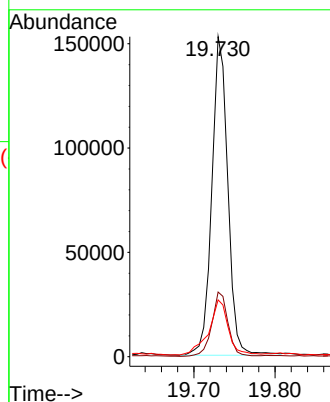
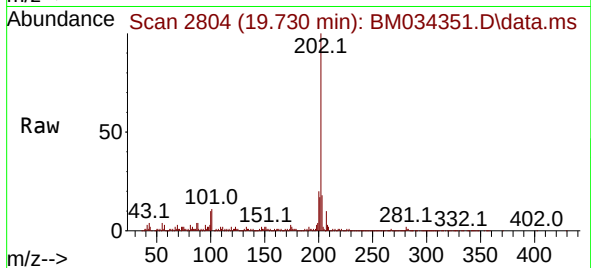
Tgt Ion:202 Resp: 209203

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 9.027 ng

RT: 19.936 min Scan# 2839

Delta R.T. -0.000 min

Lab File: BM034351.D

Acq: 23 Mar 2022 22:33

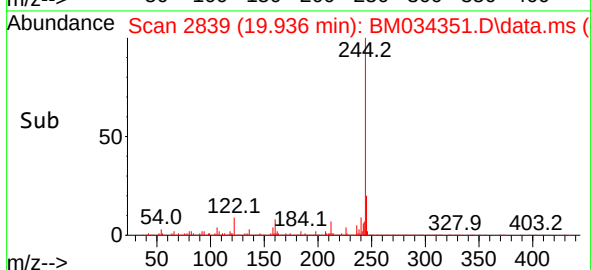
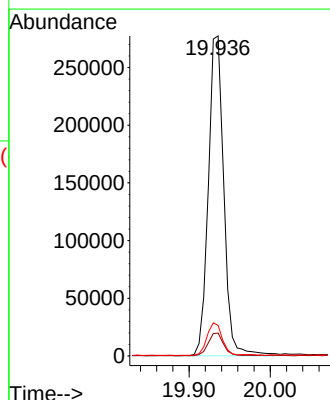
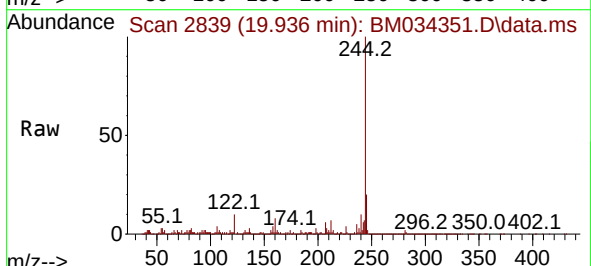
Tgt Ion:244 Resp: 366606

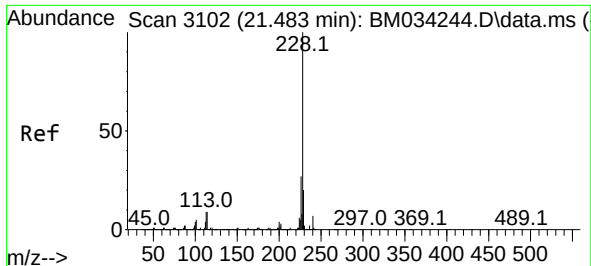
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.6 7.8 11.8

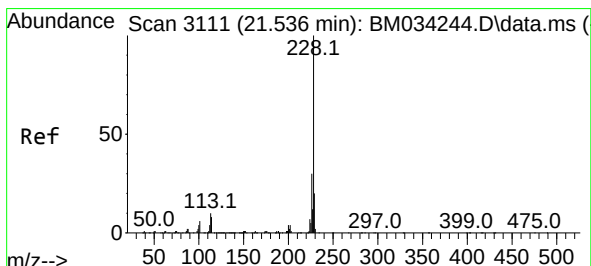
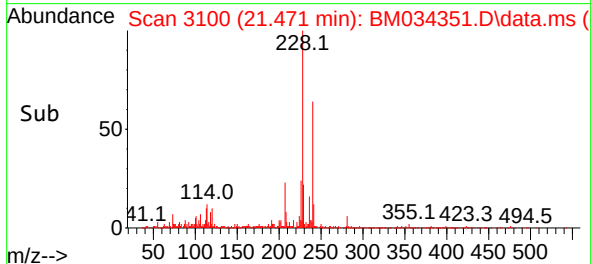
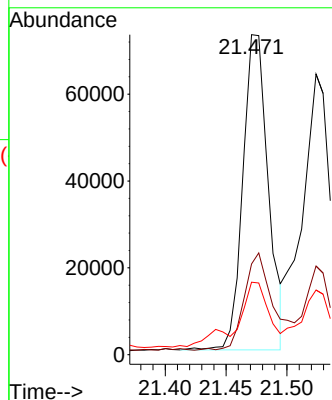
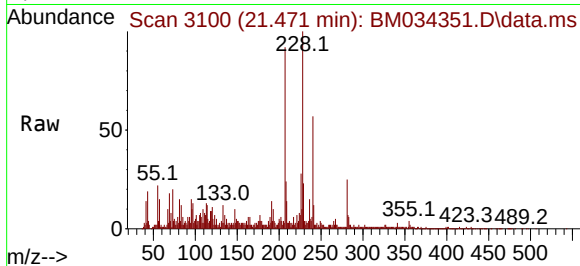




#81
Benzo(a)anthracene
Concen: 2.370 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

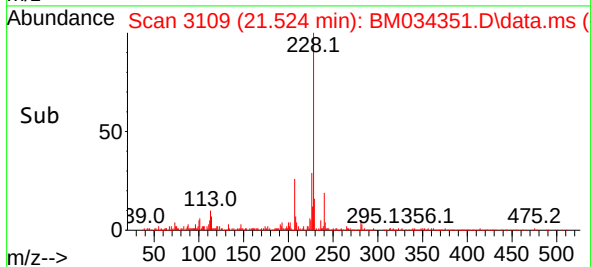
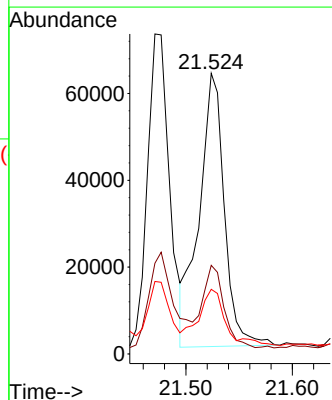
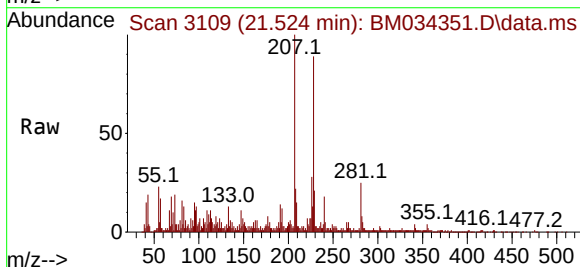
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

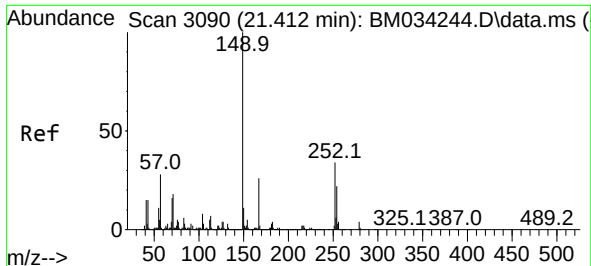
Tgt Ion:228 Resp: 105574
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 22.6 15.8 23.6



#83
Chrysene
Concen: 2.287 ng
RT: 21.524 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:228 Resp: 104033
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.6
229 23.1 15.6 23.4

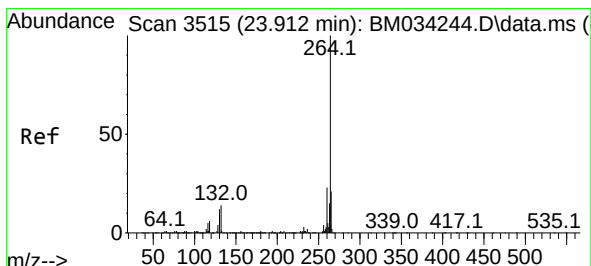
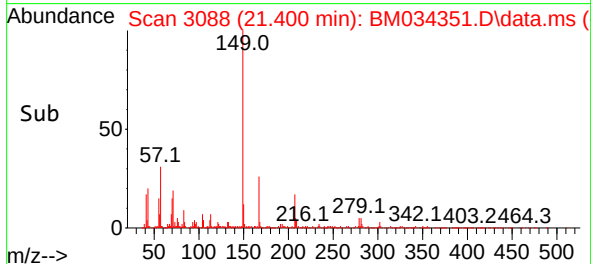
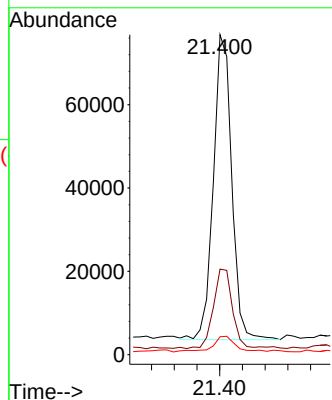
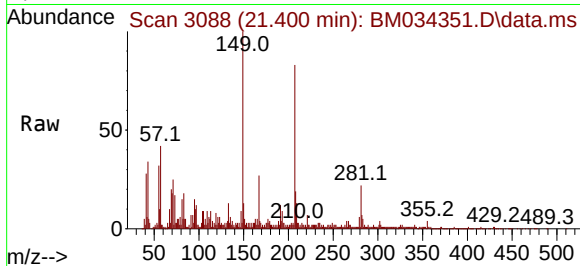




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.644 ng
RT: 21.400 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

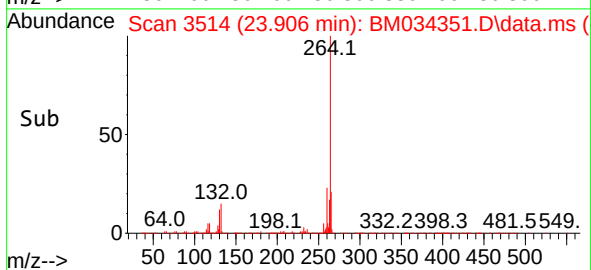
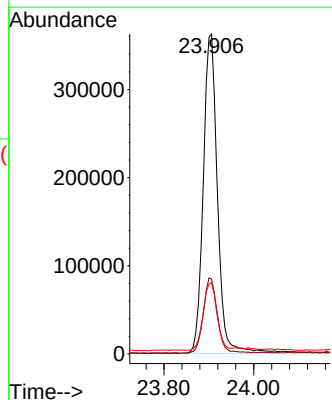
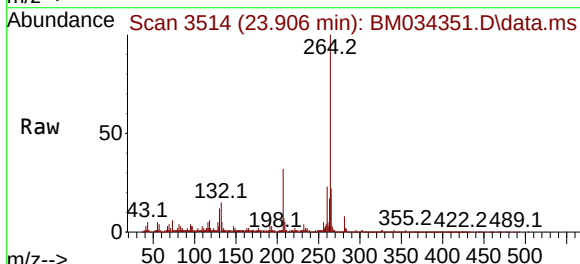
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

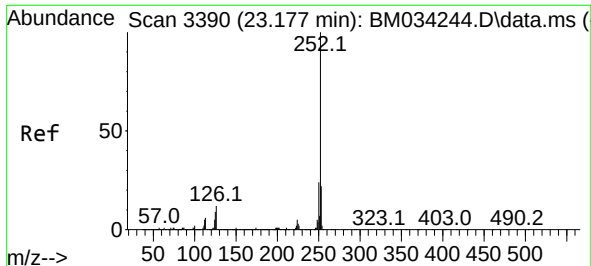
Tgt Ion:149 Resp: 82104
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 5.6 3.4 5.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.906 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:264 Resp: 794028
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.2 17.6 26.4

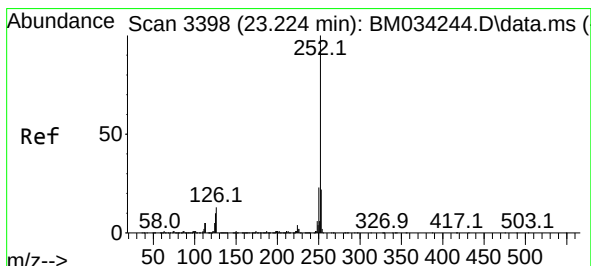
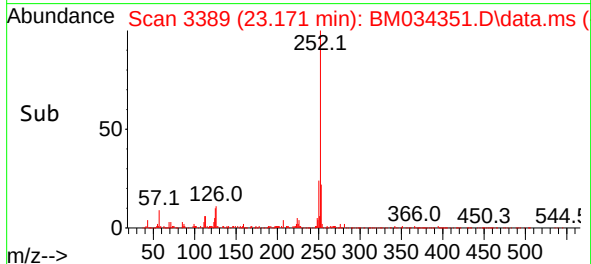
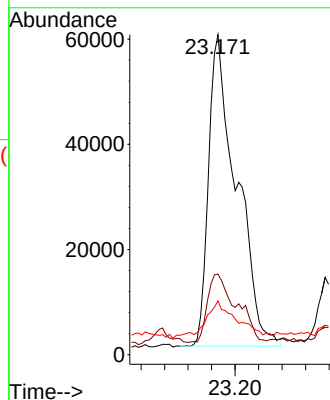
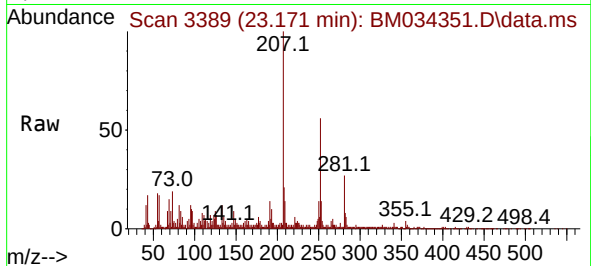




#88
Benzo(b)fluoranthene
Concen: 4.117 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

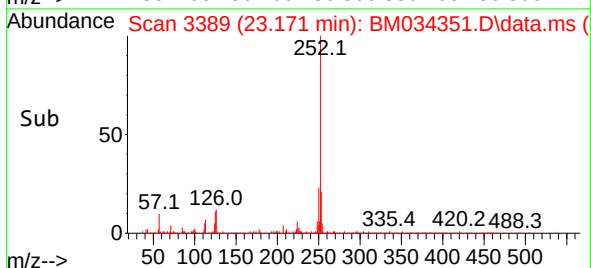
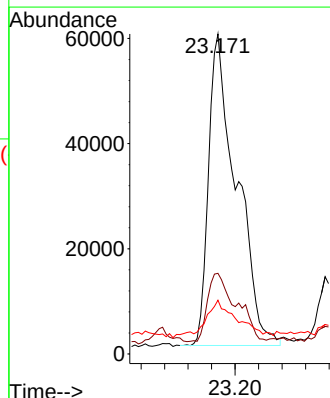
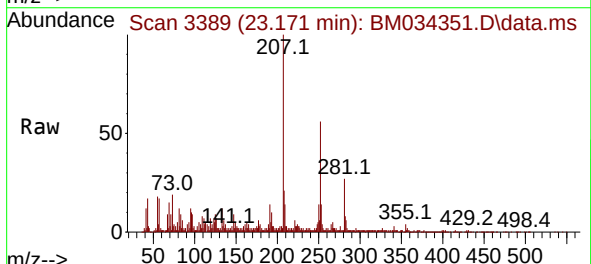
Instrument :
BNA_M
ClientSampleId :
C-5-4-5

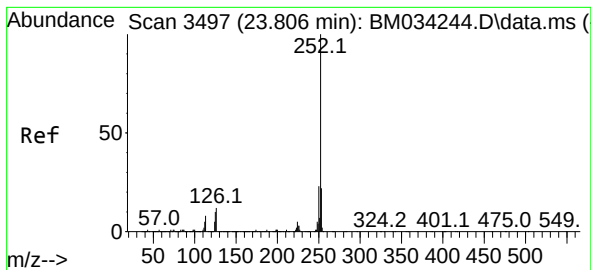
Tgt Ion:252 Resp: 195503
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 16.8 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 3.887 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BM034351.D
Acq: 23 Mar 2022 22:33

Tgt Ion:252 Resp: 195503
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 16.8 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 2.555 ng

RT: 23.794 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM034351.D

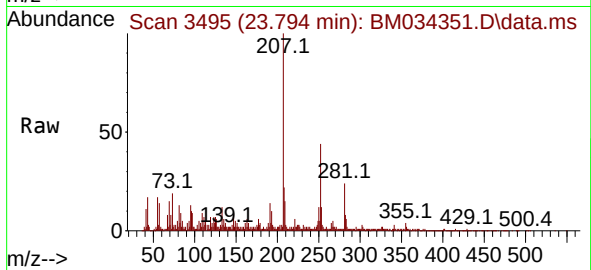
Acq: 23 Mar 2022 22:33

Instrument :

BNA_M

ClientSampleId :

C-5-4-5



Tgt Ion:252 Resp: 102859

Ion Ratio Lower Upper

252 100

253 26.1 17.5 26.3

125 16.9 7.8 11.6#

