

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034352.D
 Acq On : 23 Mar 2022 23:09
 Operator : CG/JU
 Sample : N1958-06 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-6-5-6

Quant Time: Mar 24 02:44:01 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)

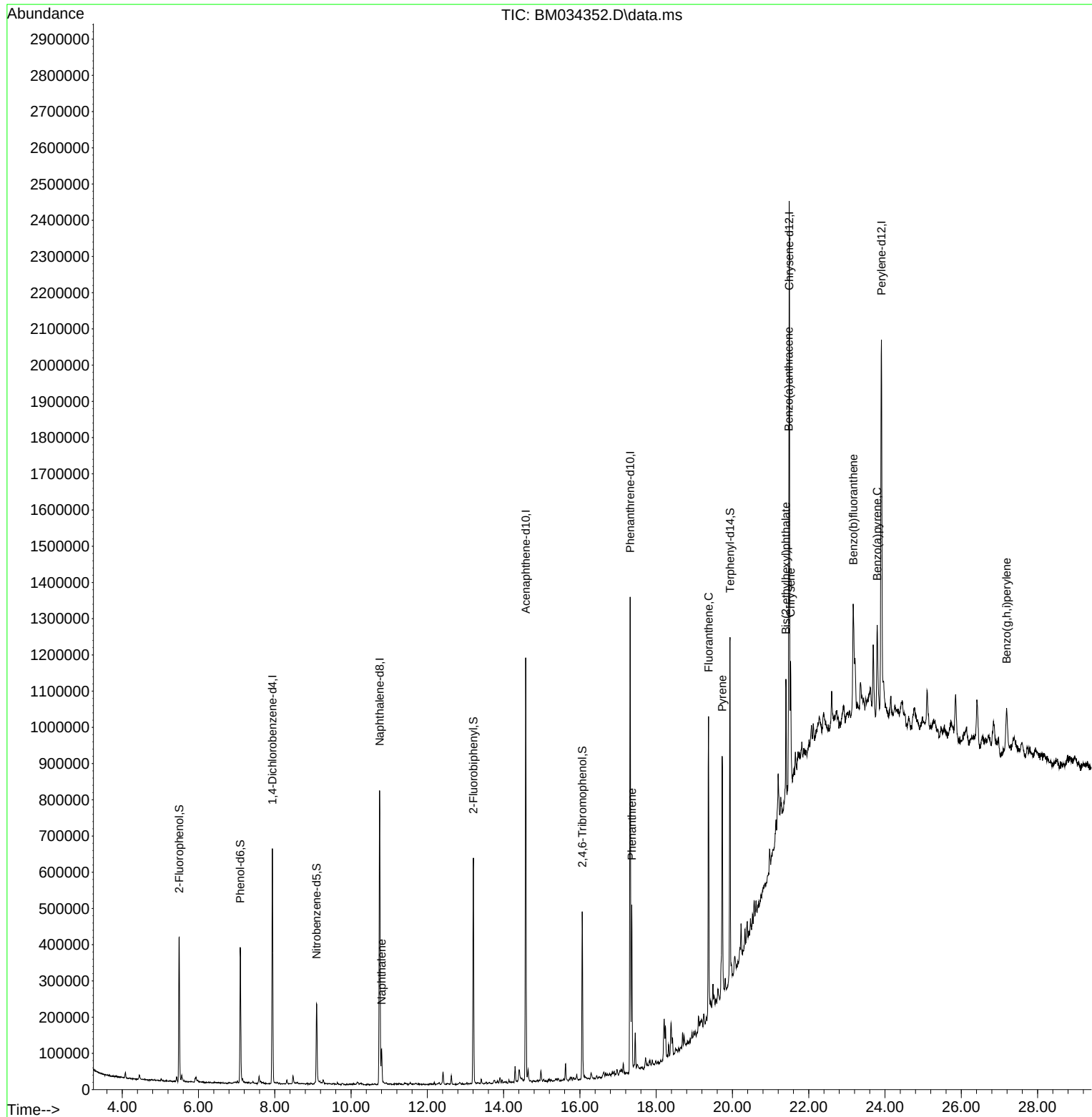
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	168960	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	661402	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	388352	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	746654	20.000	ng	0.00
76) Chrysene-d12	21.489	240	718177	20.000	ng	0.00
86) Perylene-d12	23.906	264	812787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	169952	18.045	ng	0.00
7) Phenol-d6	7.096	99	214828	15.931	ng	0.00
23) Nitrobenzene-d5	9.095	82	140736	10.360	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	81212	15.515	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	317062	11.156	ng	0.00
79) Terphenyl-d14	19.936	244	456399	11.042	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.801	128	75850	2.201	ng	99
71) Phenanthrene	17.360	178	263223	6.295	ng	99
75) Fluoranthene	19.371	202	425566	9.079	ng	98
78) Pyrene	19.730	202	397933	7.864	ng	99
81) Benzo(a)anthracene	21.477	228	200075	4.414	ng	96
83) Chrysene	21.524	228	189595	4.096	ng	97
84) Bis(2-ethylhexyl)phtha...	21.401	149	108673	3.439	ng	# 97
88) Benzo(b)fluoranthene	23.171	252	255500	5.257	ng	# 95
90) Benzo(a)pyrene	23.794	252	190991	4.635	ng	# 93
92) Benzo(g,h,i)perylene	27.188	276	145373	3.313	ng	95

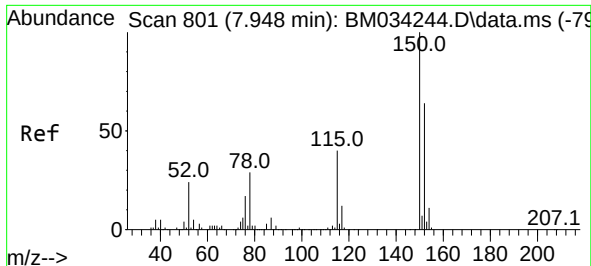
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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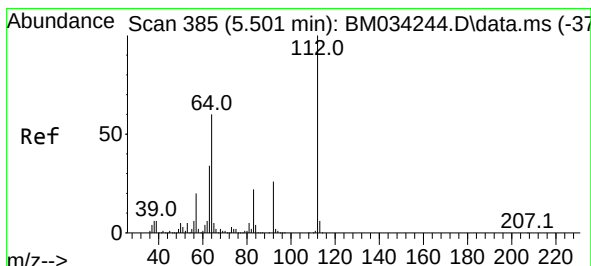
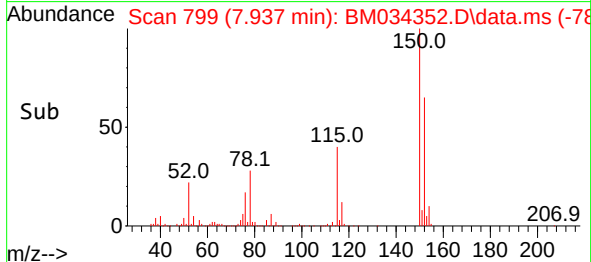
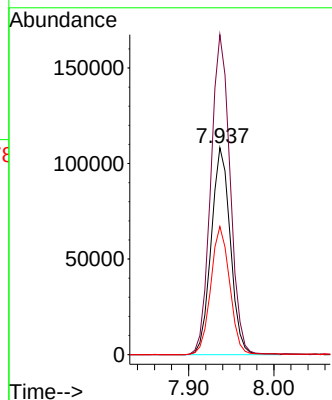
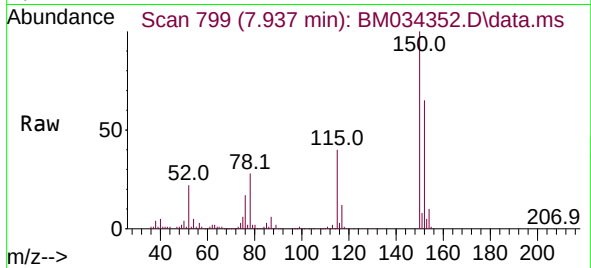




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

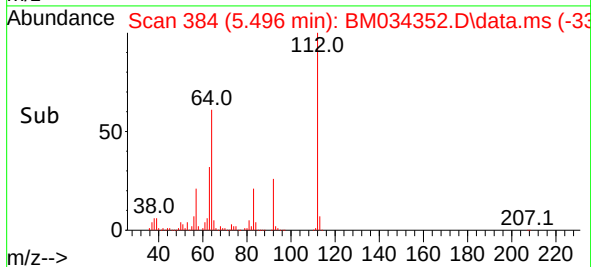
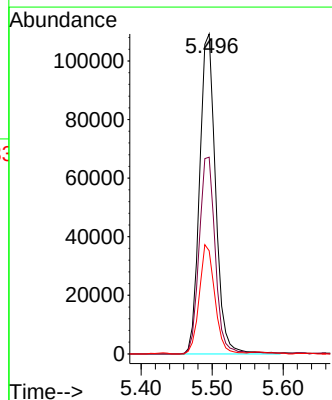
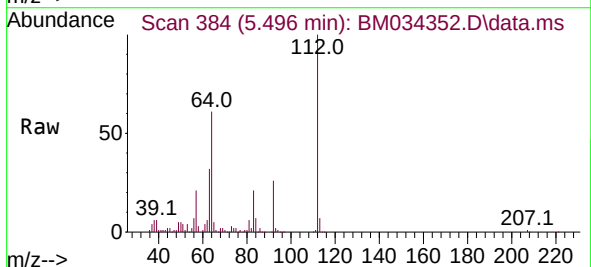
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

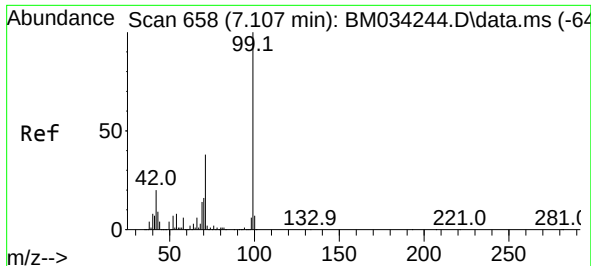
Tgt Ion:152 Resp: 168960
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 18.045 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:112 Resp: 169952
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.2 27.1 40.7

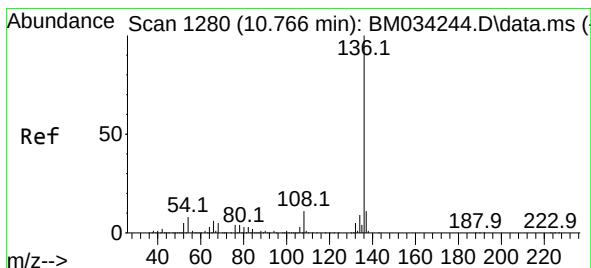
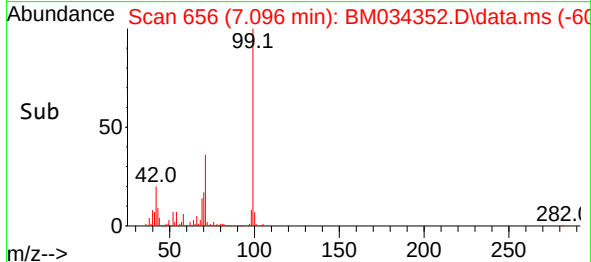
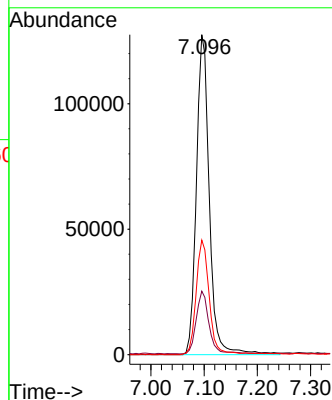
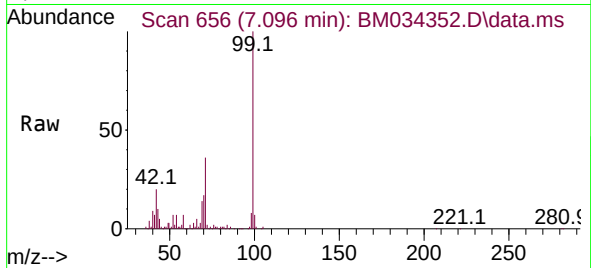




#7
Phenol-d6
Concen: 15.931 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

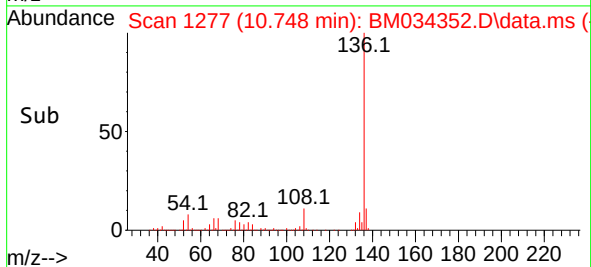
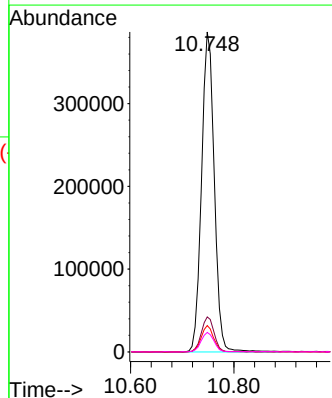
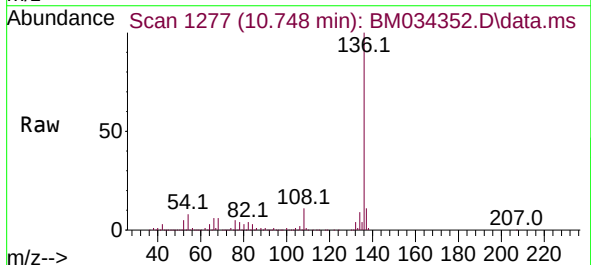
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

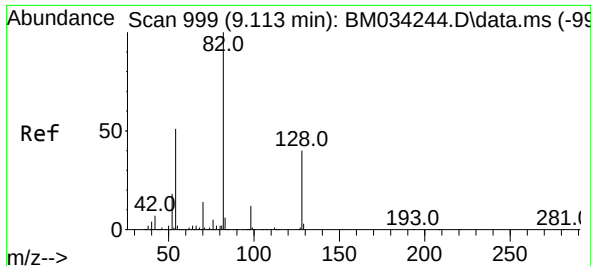
Tgt Ion: 99 Resp: 214828
Ion Ratio Lower Upper
99 100
42 19.8 15.6 23.4
71 35.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion: 136 Resp: 661402
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 6.2 9.4
68 6.1 4.3 6.5

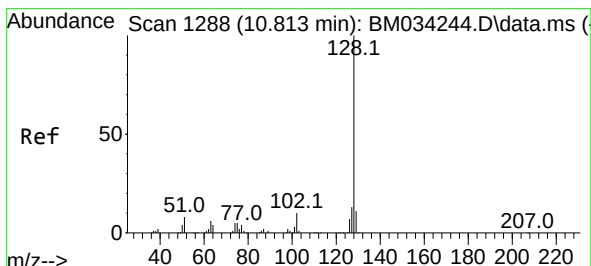
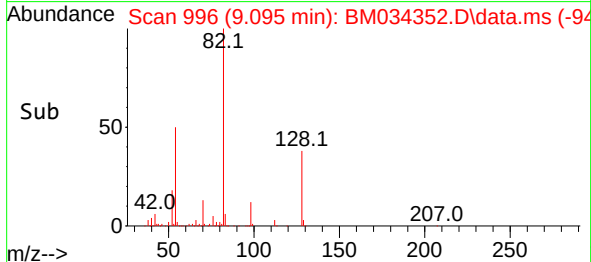
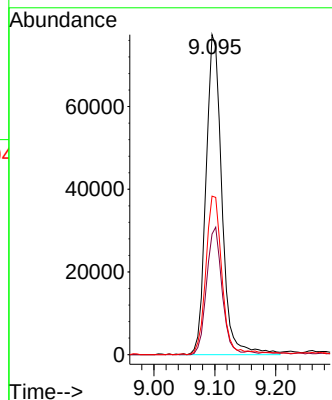
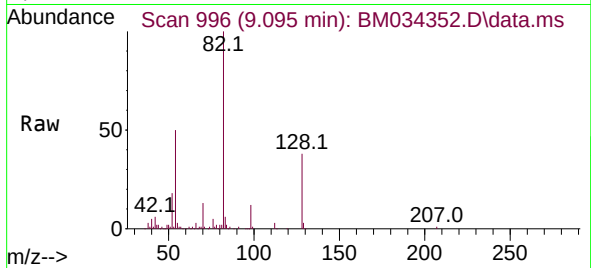




#23
Nitrobenzene-d5
Concen: 10.360 ng
RT: 9.095 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

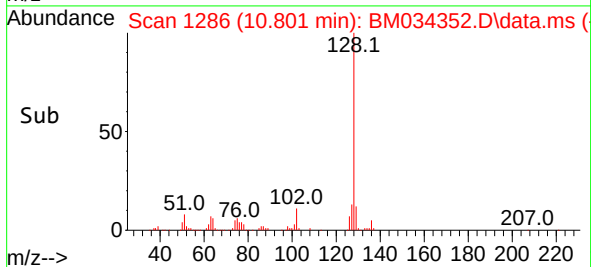
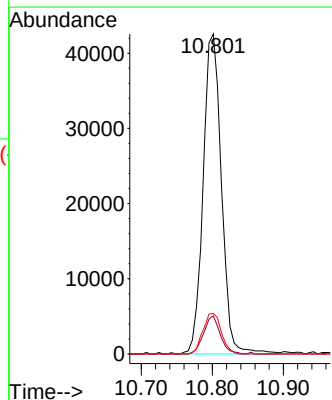
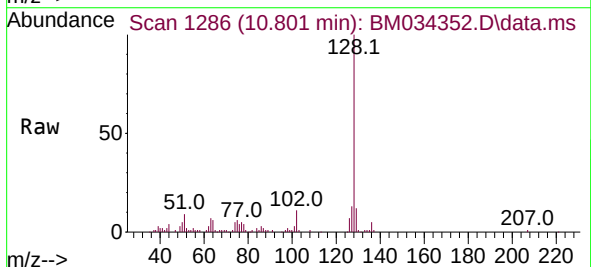
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

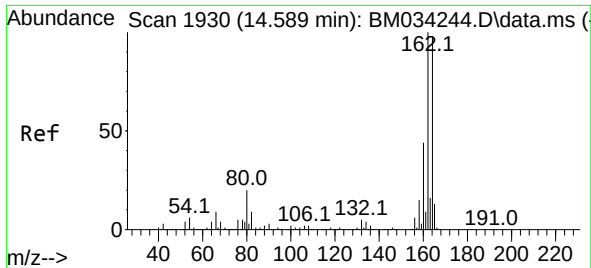
Tgt Ion: 82 Resp: 140736
Ion Ratio Lower Upper
82 100
128 37.7 31.9 47.9
54 49.5 40.6 61.0



#31
Naphthalene
Concen: 2.201 ng
RT: 10.801 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion: 128 Resp: 75850
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 12.6 10.2 15.4

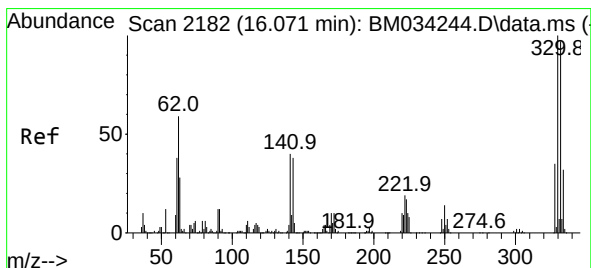
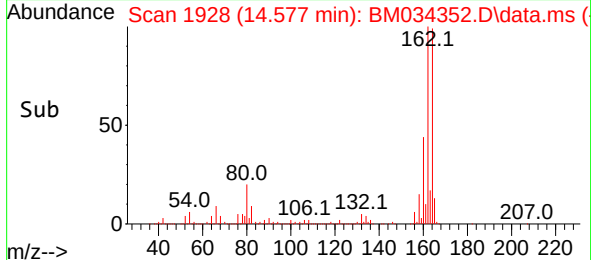
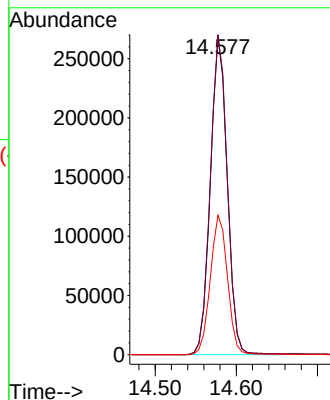
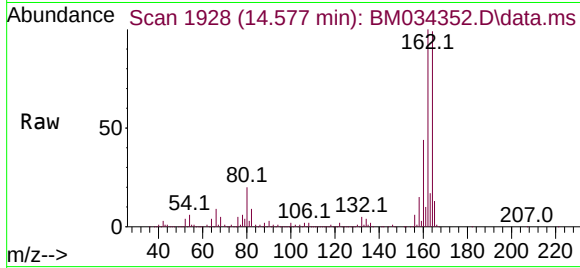




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

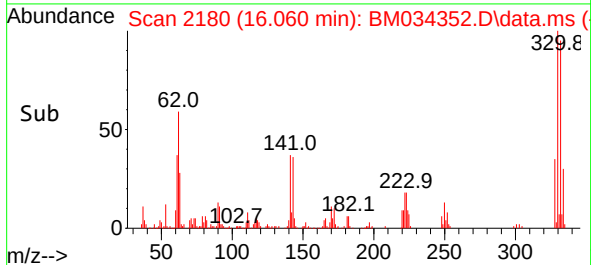
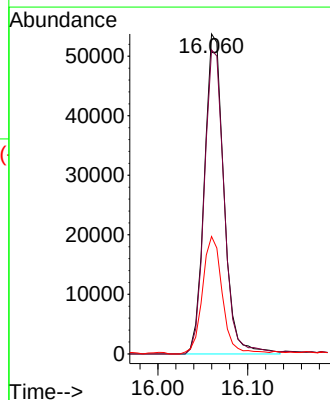
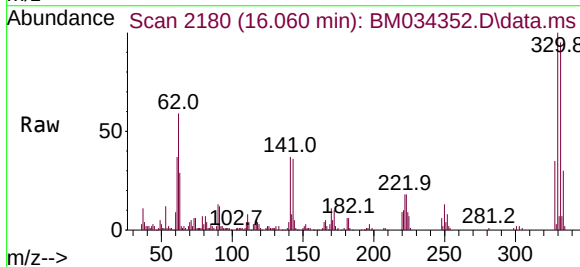
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

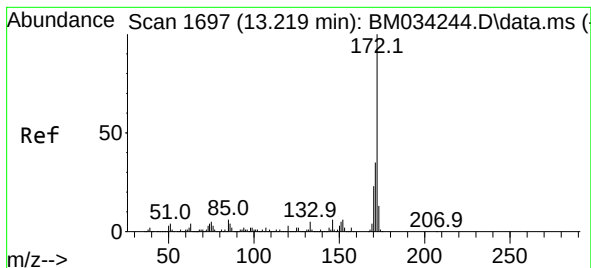
Tgt Ion:164 Resp: 388352
Ion Ratio Lower Upper
164 100
162 100.7 81.6 122.4
160 43.8 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 15.515 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:330 Resp: 81212
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 37.4 30.6 45.8





#45

2-Fluorobiphenyl

Concen: 11.156 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

Instrument :

BNA_M

ClientSampleId :

C-6-5-6

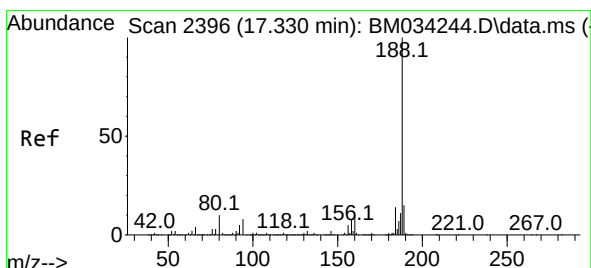
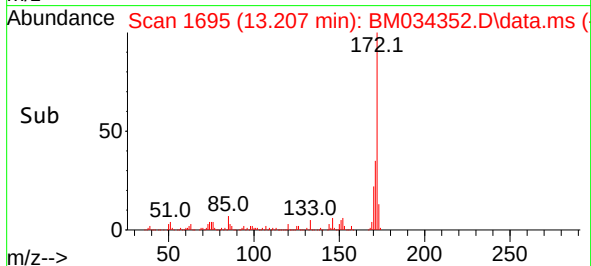
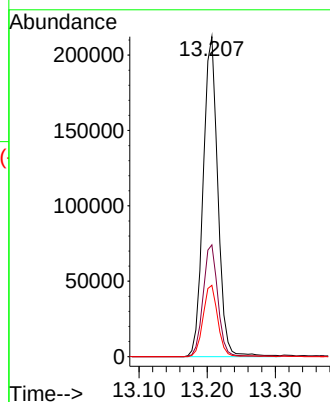
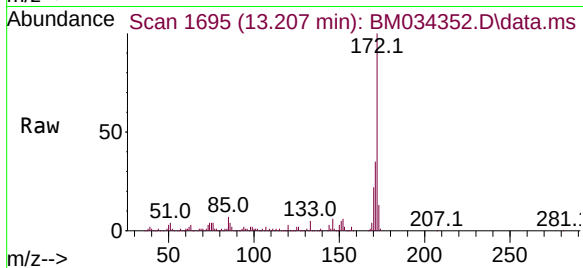
Tgt Ion:172 Resp: 317062

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 22.3 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

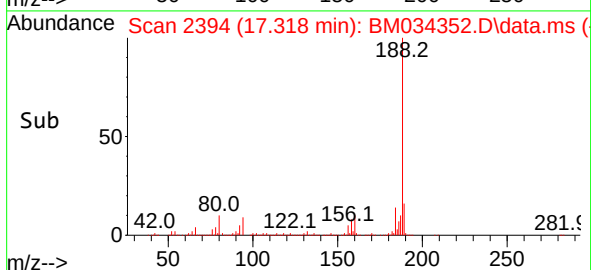
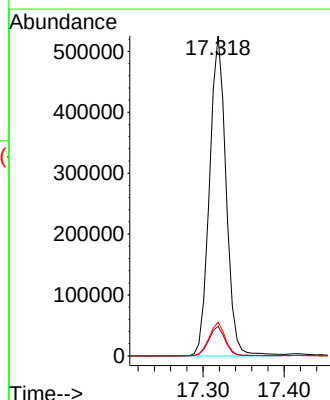
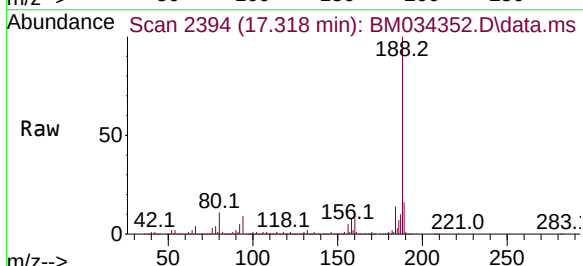
Tgt Ion:188 Resp: 746654

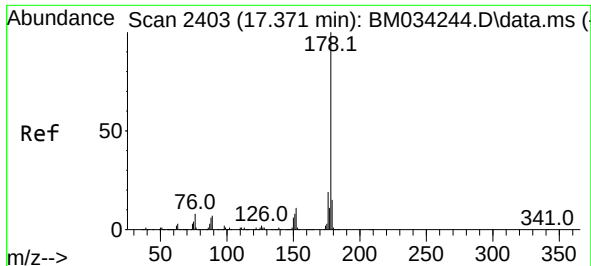
Ion Ratio Lower Upper

188 100

94 9.2 6.6 9.8

80 10.5 7.8 11.8

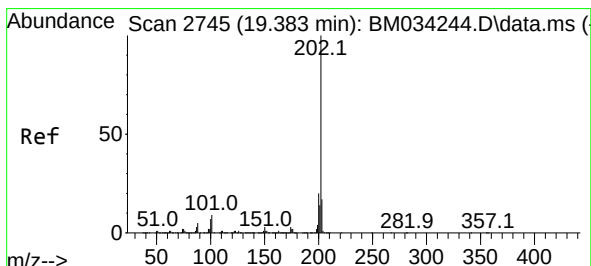
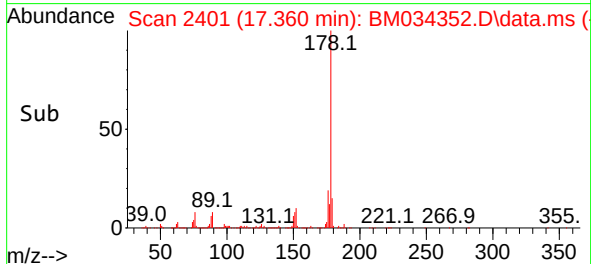
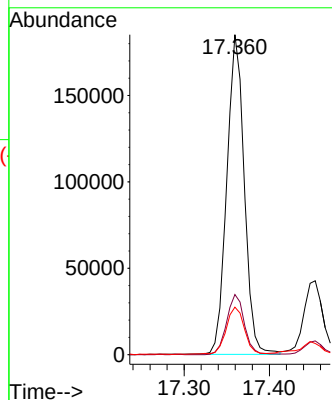
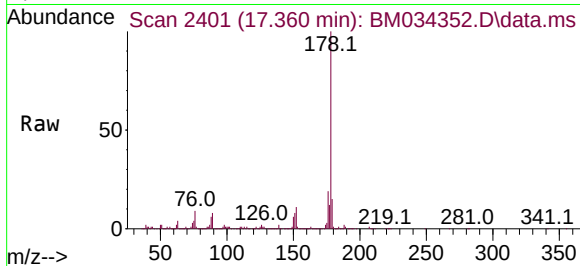




#71
Phenanthrene
Concen: 6.295 ng
RT: 17.360 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

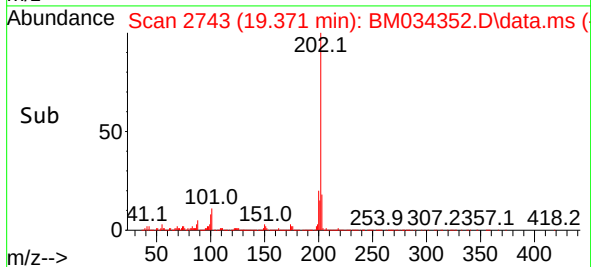
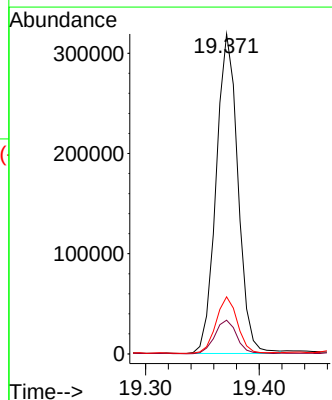
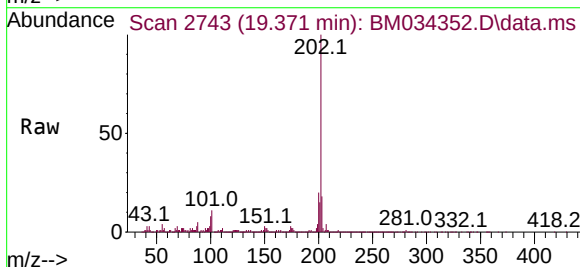
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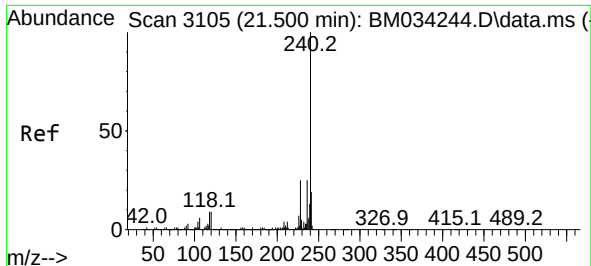
Tgt Ion:178 Resp: 263223
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 14.8 12.2 18.4



#75
Fluoranthene
Concen: 9.079 ng
RT: 19.371 min Scan# 2743
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:202 Resp: 425566
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.8 0.0 37.1

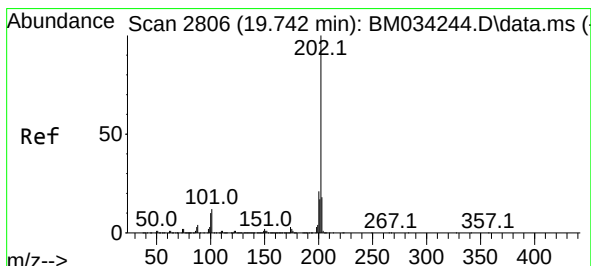
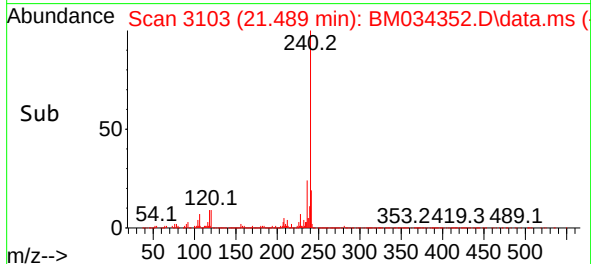
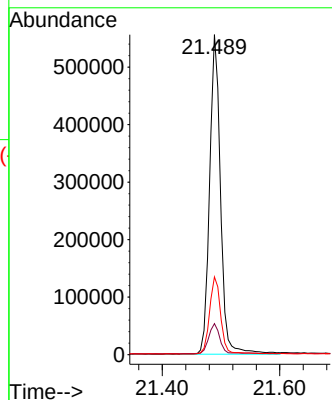
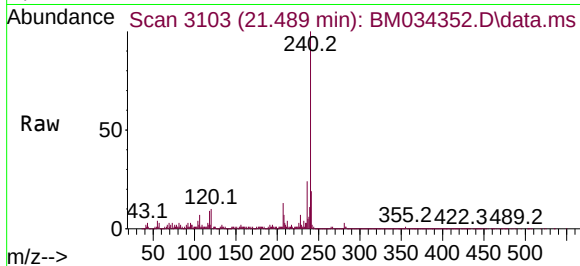




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

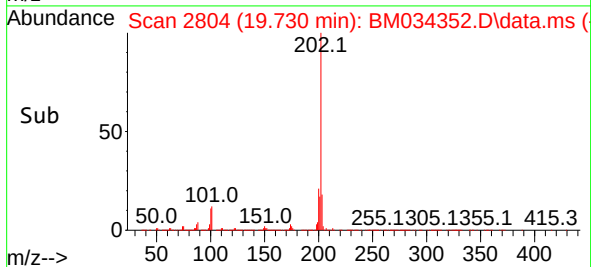
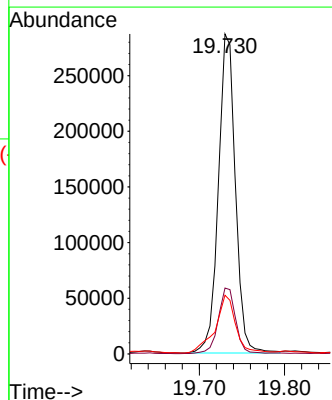
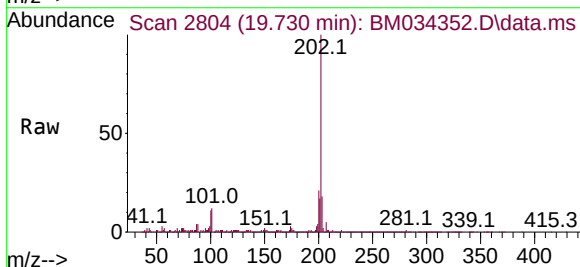
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

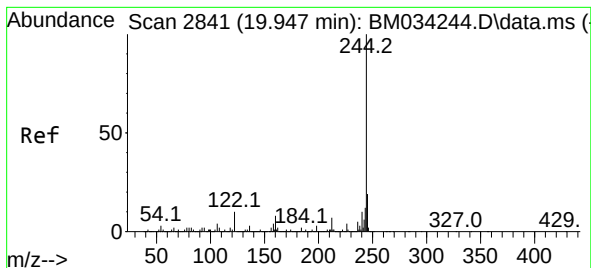
Tgt Ion:240 Resp: 718177
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 24.3 20.2 30.2



#78
Pyrene
Concen: 7.864 ng
RT: 19.730 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:202 Resp: 397933
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 11.042 ng

RT: 19.936 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

Instrument :

BNA_M

ClientSampleId :

C-6-5-6

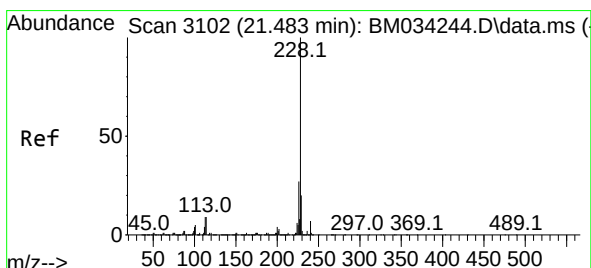
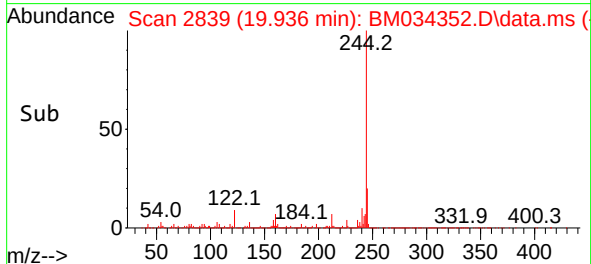
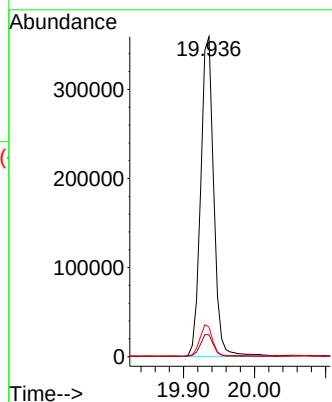
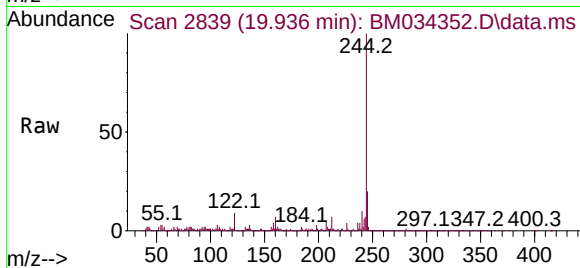
Tgt Ion:244 Resp: 456399

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.3 7.8 11.8



#81

Benzo(a)anthracene

Concen: 4.414 ng

RT: 21.477 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

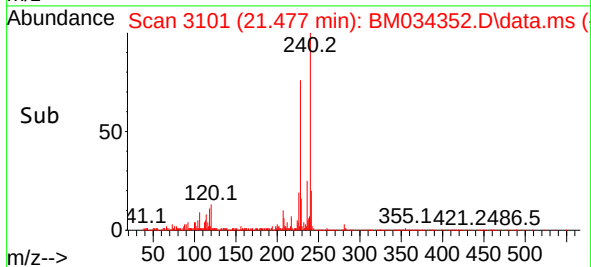
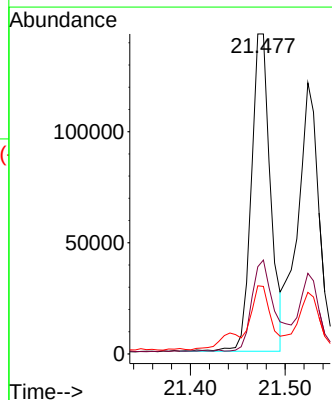
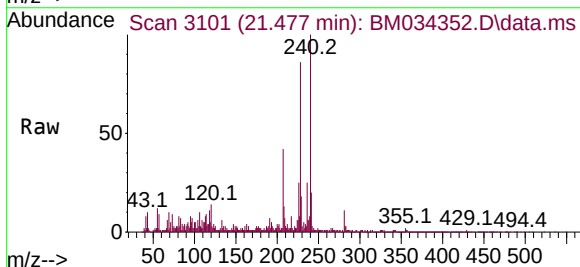
Tgt Ion:228 Resp: 200075

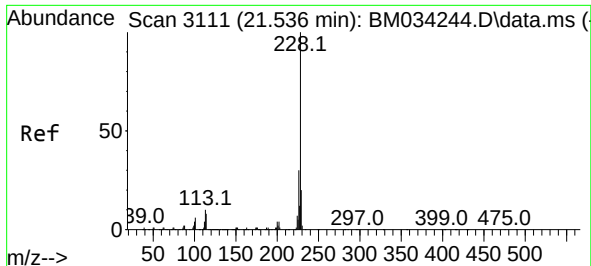
Ion Ratio Lower Upper

228 100

226 29.3 21.6 32.4

229 21.1 15.8 23.6

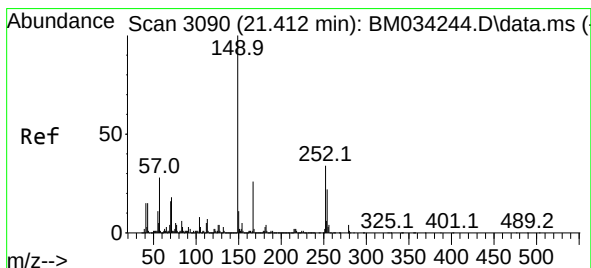
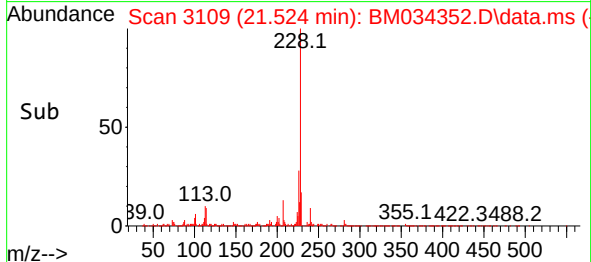
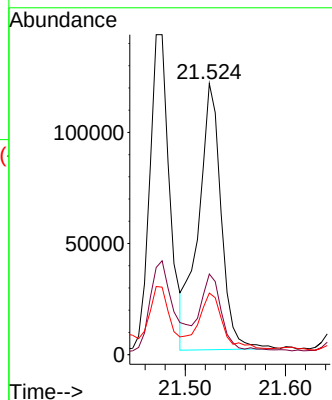
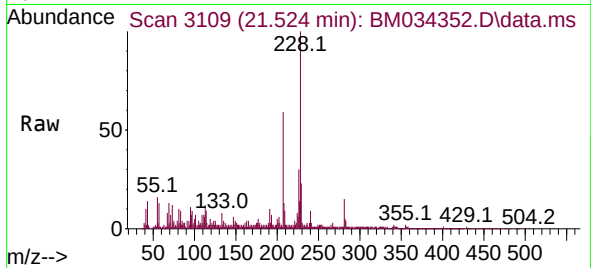




#83
Chrysene
Concen: 4.096 ng
RT: 21.524 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

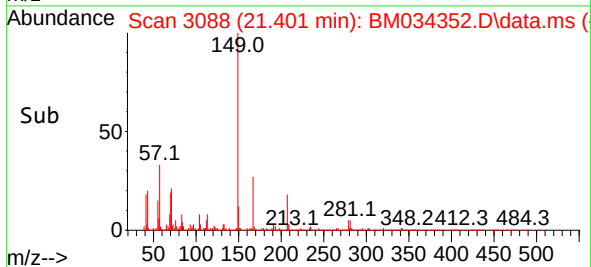
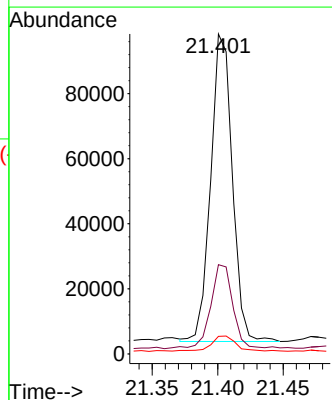
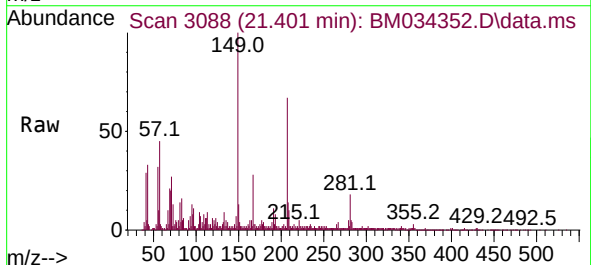
Instrument :
BNA_M
ClientSampleId :
C-6-5-6

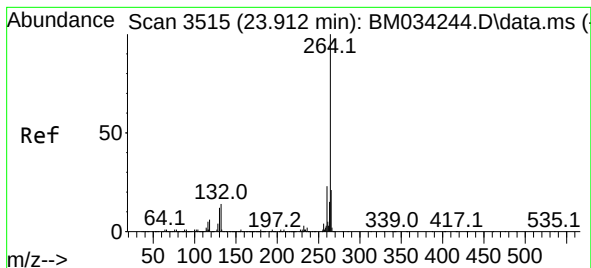
Tgt Ion:228 Resp: 189595
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 22.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.439 ng
RT: 21.401 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:149 Resp: 108673
Ion Ratio Lower Upper
149 100
167 27.9 21.2 31.8
279 5.5 3.4 5.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.906 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

Instrument :

BNA_M

ClientSampleId :

C-6-5-6

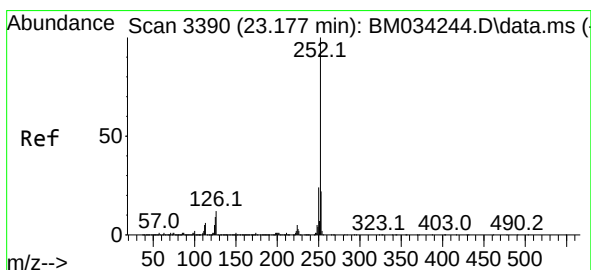
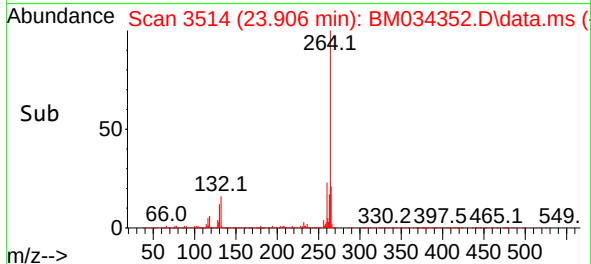
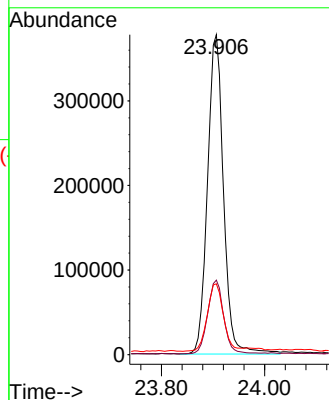
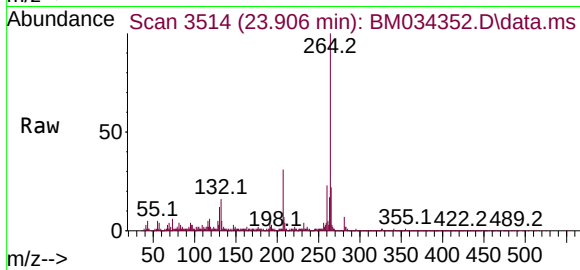
Tgt Ion:264 Resp: 812787

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.1 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 5.257 ng

RT: 23.171 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM034352.D

Acq: 23 Mar 2022 23:09

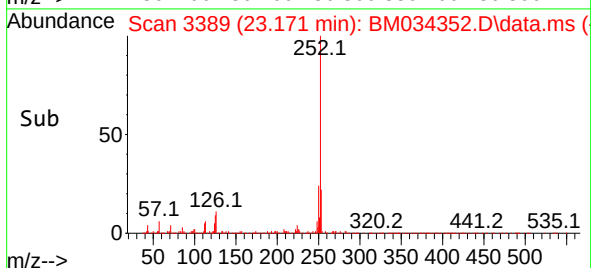
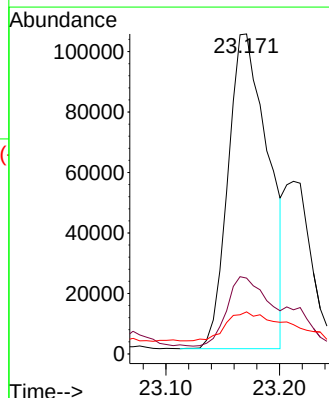
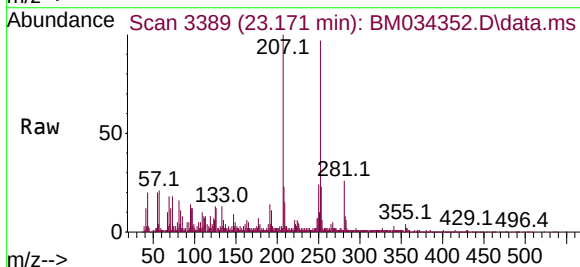
Tgt Ion:252 Resp: 255500

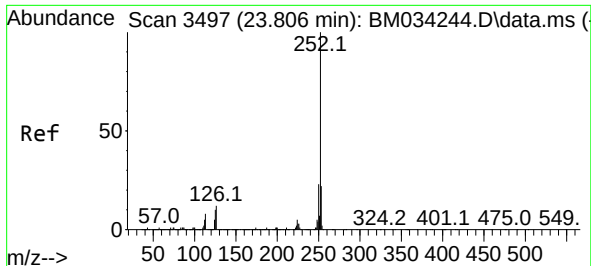
Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 13.1 7.2 10.8#

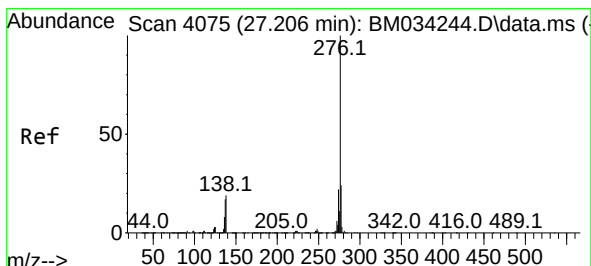
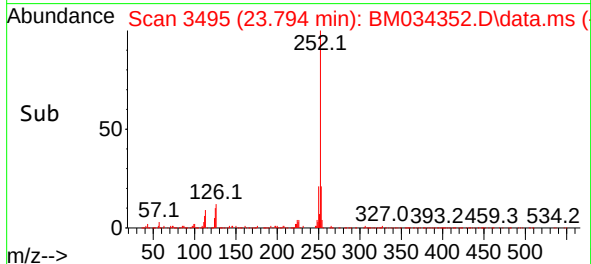
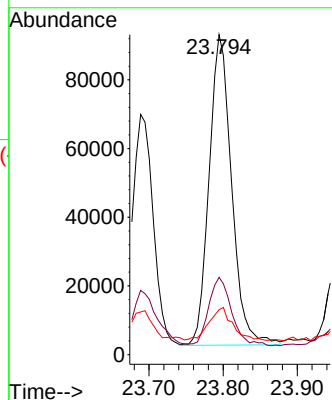
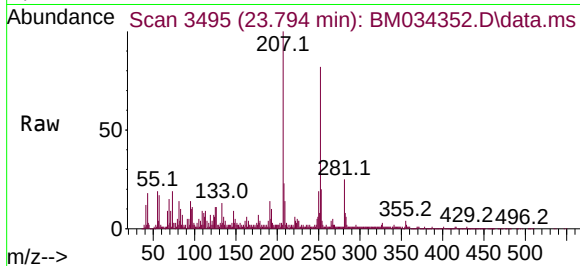




#90
Benzo(a)pyrene
Concen: 4.635 ng
RT: 23.794 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Instrument :
BNA_M
ClientSampleId :
C-6-5-6

Tgt Ion:252 Resp: 190991
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 14.0 7.8 11.6#



#92
Benzo(g,h,i)perylene
Concen: 3.313 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.012 min
Lab File: BM034352.D
Acq: 23 Mar 2022 23:09

Tgt Ion:276 Resp: 145373
Ion Ratio Lower Upper
276 100
277 26.6 19.0 28.4
138 20.9 15.6 23.4

