

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
 Data File : BM046717.D
 Acq On : 19 Jul 2024 00:40
 Operator : MA/JU
 Sample : P3246-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

Quant Time: Jul 19 01:42:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 18 06:01:46 2024
 Response via : Initial Calibration

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

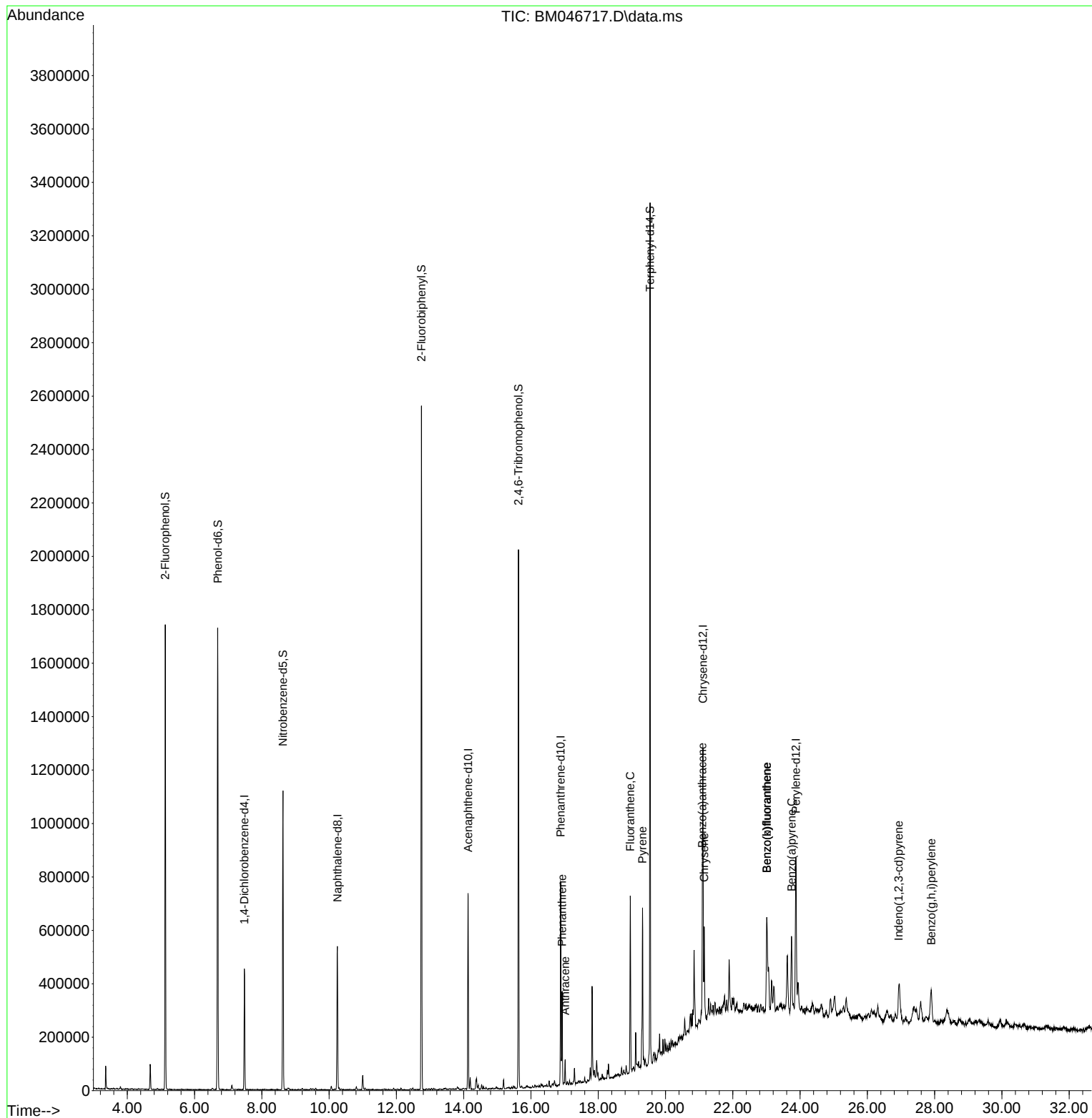
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	111650	20.000	ng	0.00
21) Naphthalene-d8	10.246	136	402074	20.000	ng	0.00
39) Acenaphthene-d10	14.134	164	252374	20.000	ng	0.00
64) Phenanthrene-d10	16.880	188	459024	20.000	ng	-0.01
76) Chrysene-d12	21.110	240	422687	20.000	ng	-0.01
86) Perylene-d12	23.874	264	540333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.128	112	597251	108.653	ng	0.00
7) Phenol-d6	6.687	99	749971	107.146	ng	0.00
23) Nitrobenzene-d5	8.628	82	541596	69.936	ng	0.00
42) 2,4,6-Tribromophenol	15.628	330	332411	84.917	ng	-0.01
45) 2-Fluorobiphenyl	12.745	172	1270548	71.112	ng	0.00
79) Terphenyl-d14	19.539	244	1450112	62.041	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.928	178	213854	9.381	ng	98
72) Anthracene	17.016	178	46332	2.054	ng	96
75) Fluoranthene	18.951	202	413568	14.119	ng	100
78) Pyrene	19.316	202	368232	12.237	ng	100
81) Benzo(a)anthracene	21.092	228	231811	8.288	ng	97
83) Chrysene	21.151	228	216362	8.296	ng	97
87) Indeno(1,2,3-cd)pyrene	26.933	276	227300	6.493	ng	# 97
88) Benzo(b)fluoranthene	23.009	252	348163	10.465	ng	99
89) Benzo(k)fluoranthene	23.009	252	348163	11.088	ng	# 98
90) Benzo(a)pyrene	23.745	252	266051	9.244	ng	95
92) Benzo(g,h,i)perylene	27.897	276	223276	7.447	ng	99

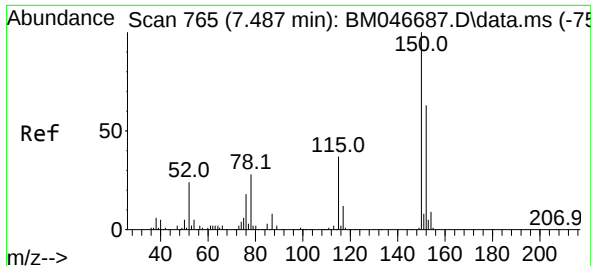
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
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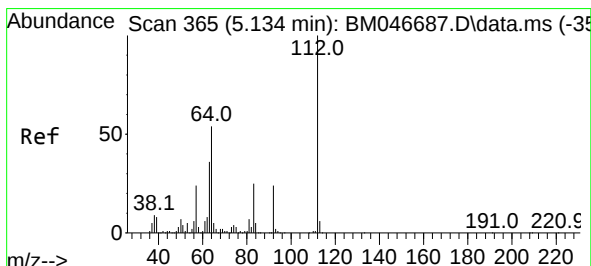
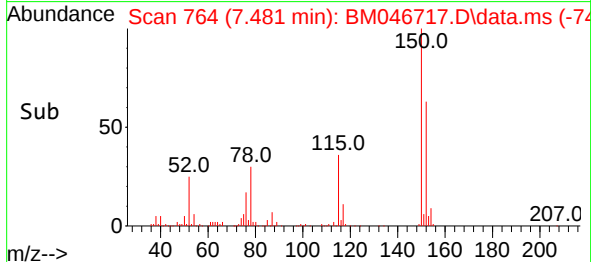
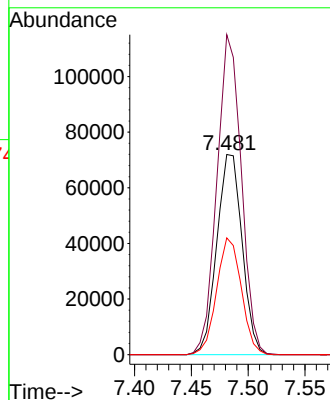
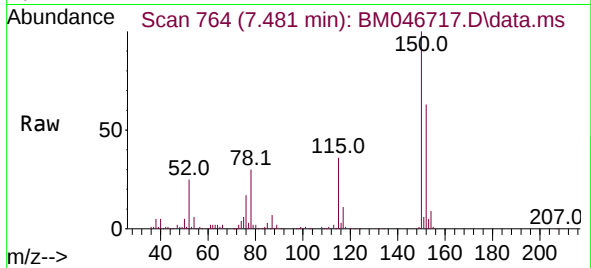




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.481 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

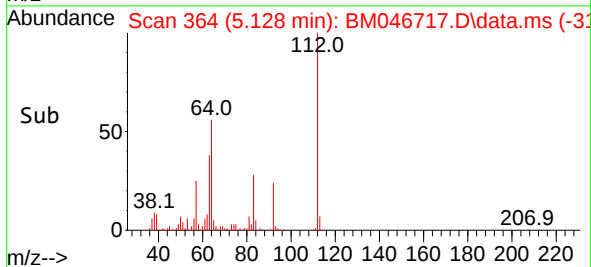
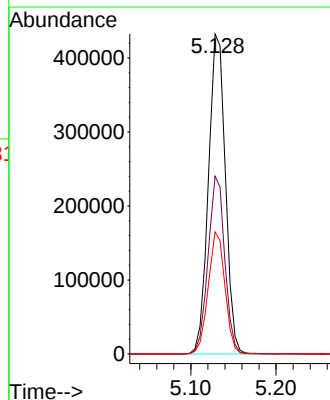
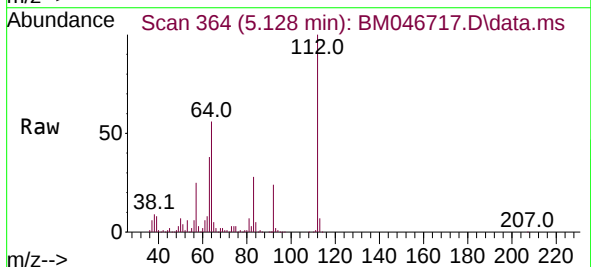
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BNA_M
ClientSampleId :
WC-CTW2-BL-03

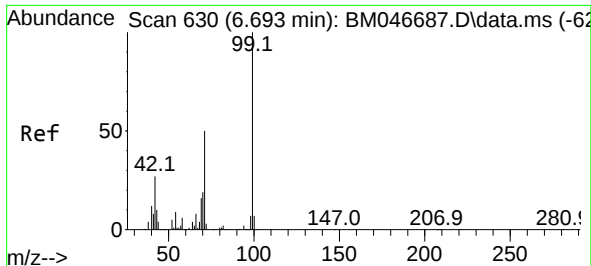
Tgt Ion:152 Resp: 111650
Ion Ratio Lower Upper
152 100
150 159.9 127.3 190.9
115 58.3 46.5 69.7



#5
2-Fluorophenol
Concen: 108.653 ng
RT: 5.128 min Scan# 364
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

Tgt Ion:112 Resp: 597251
Ion Ratio Lower Upper
112 100
64 55.6 43.5 65.3
63 38.2 28.6 42.8

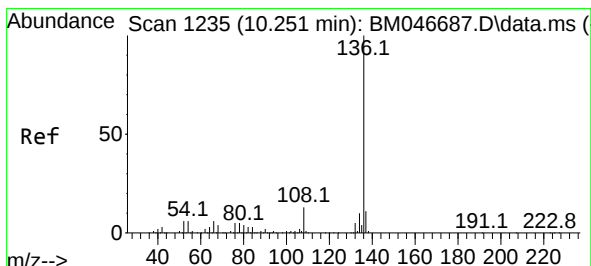
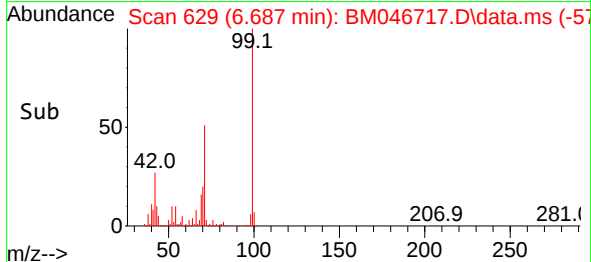
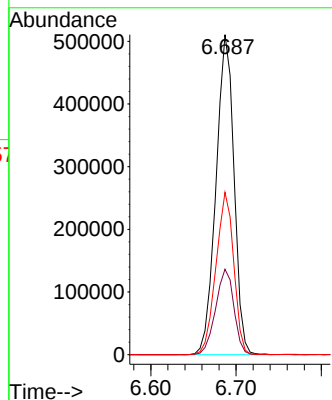
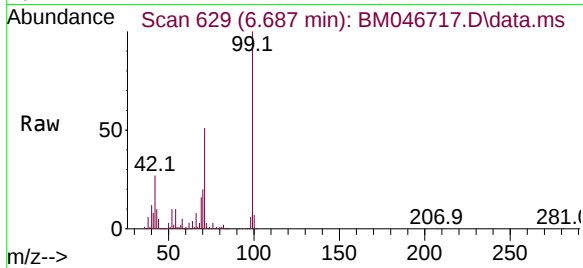




#7
Phenol-d6
Concen: 107.146 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

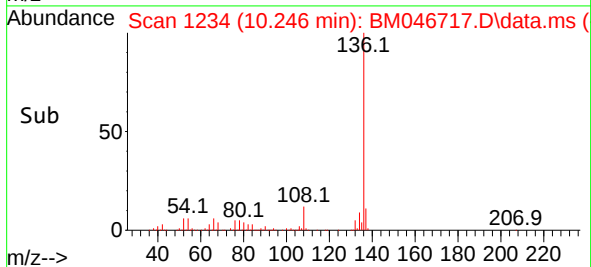
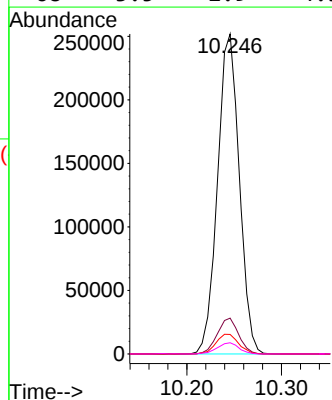
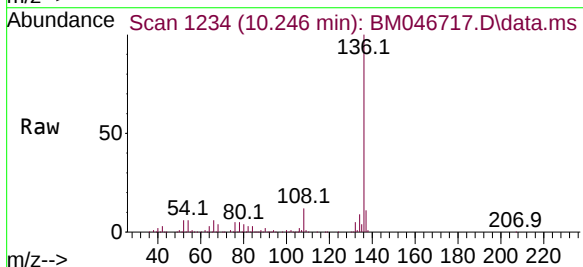
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-03

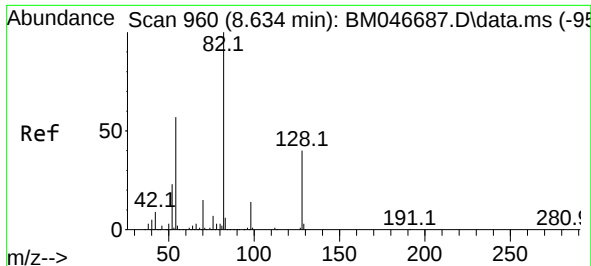
Tgt Ion: 99 Resp: 749971
Ion Ratio Lower Upper
99 100
42 26.7 21.4 32.0
71 50.7 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.246 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

Tgt Ion: 136 Resp: 402074
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.1 5.1 7.7
68 3.5 2.9 4.3

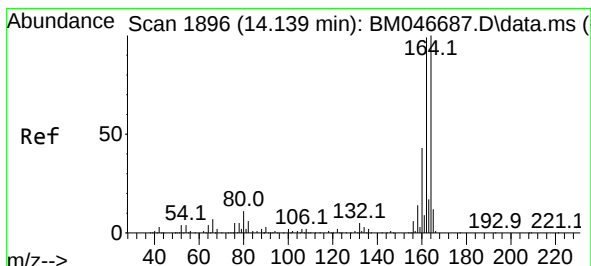
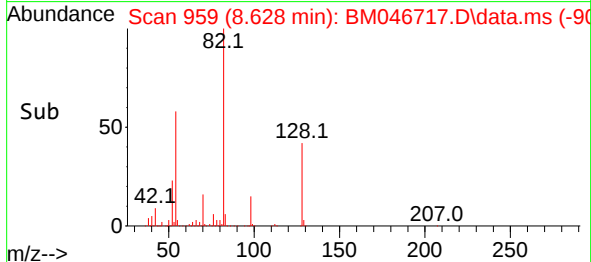
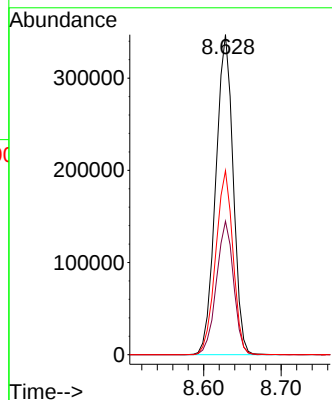
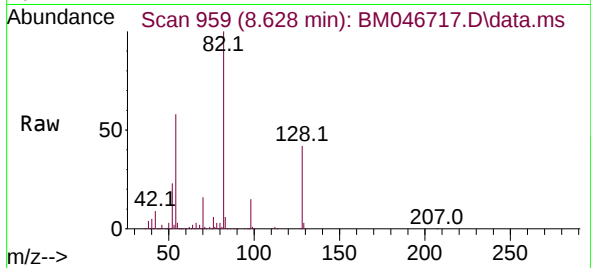




#23
Nitrobenzene-d5
Concen: 69.936 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

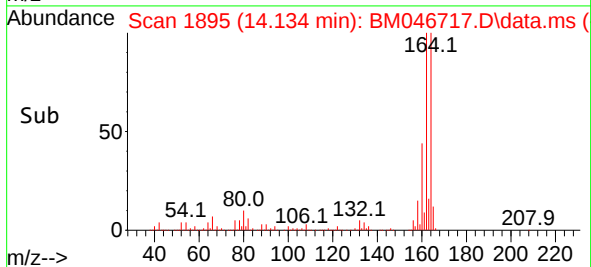
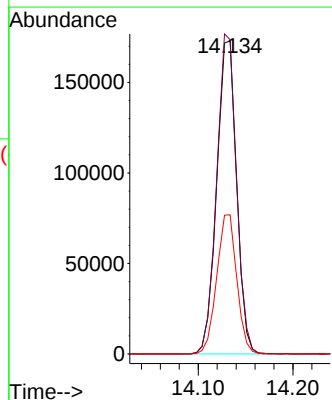
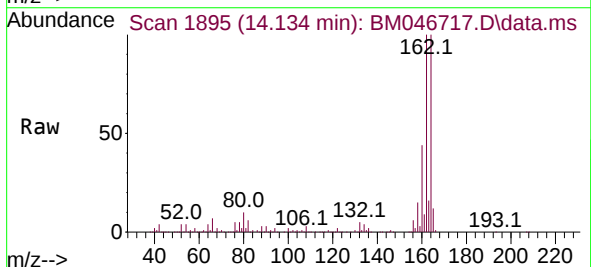
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-03

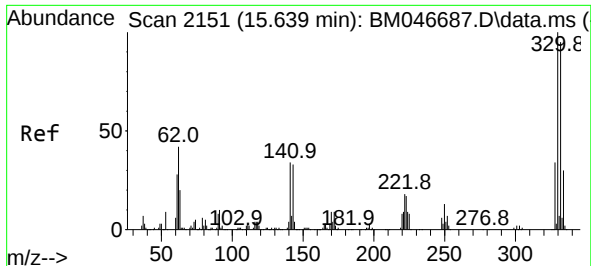
Tgt Ion: 82 Resp: 541596
Ion Ratio Lower Upper
82 100
128 41.7 32.0 48.0
54 57.5 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

Tgt Ion: 164 Resp: 252374
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.5 34.6 51.8

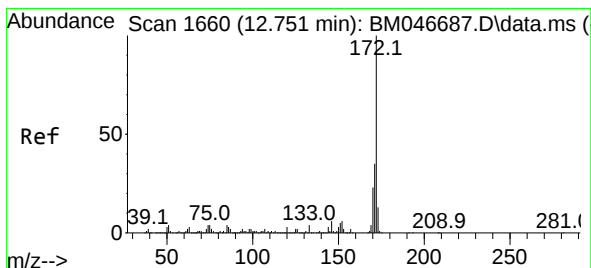
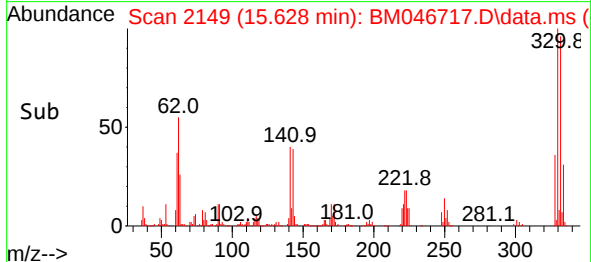
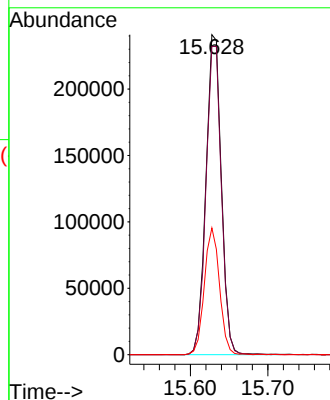
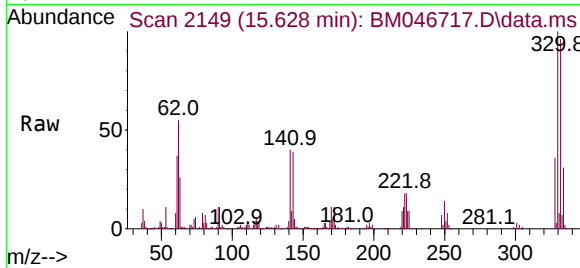




#42
2,4,6-Tribromophenol
Concen: 84.917 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

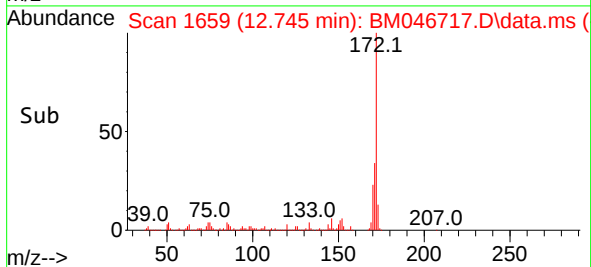
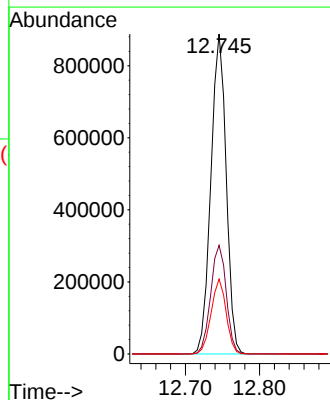
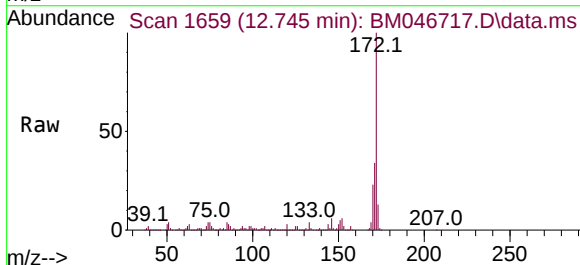
Instrument :
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ClientSampleId :
WC-CTW2-BL-03

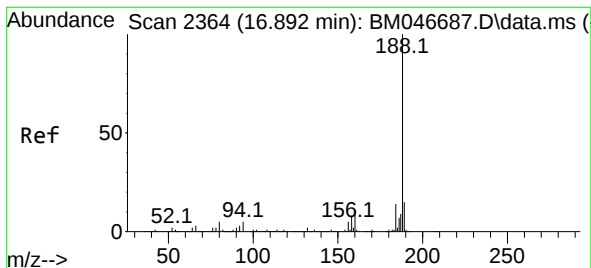
Tgt Ion:330 Resp: 332411
Ion Ratio Lower Upper
330 100
332 96.6 75.5 113.3
141 39.0 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 71.112 ng
RT: 12.745 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

Tgt Ion:172 Resp: 1270548
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.4 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.880 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

WC-CTW2-BL-03

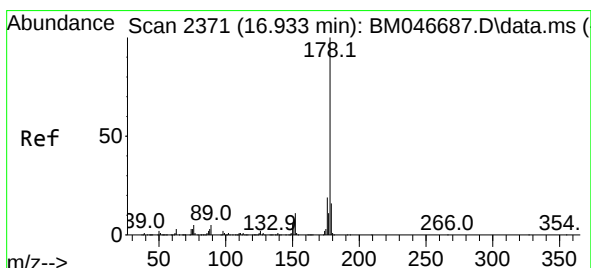
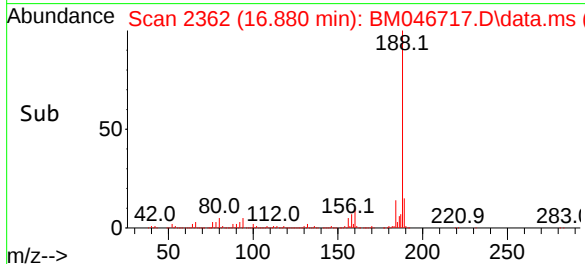
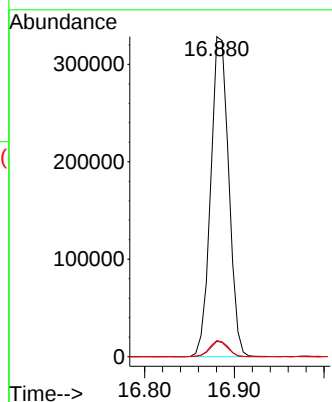
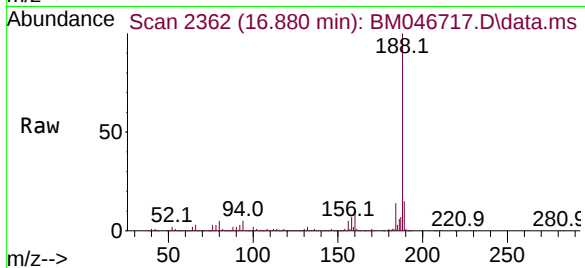
Tgt Ion:188 Resp: 459024

Ion Ratio Lower Upper

188 100

94 4.8 3.8 5.6

80 5.1 4.2 6.2



#71

Phenanthrene

Concen: 9.381 ng

RT: 16.928 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

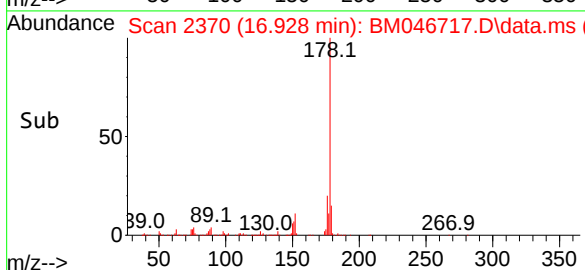
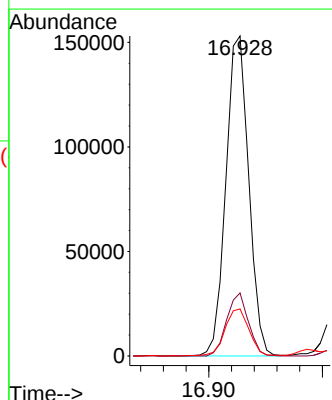
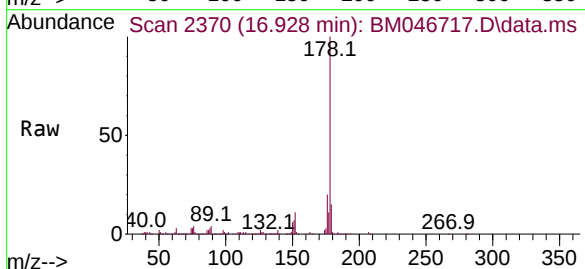
Tgt Ion:178 Resp: 213854

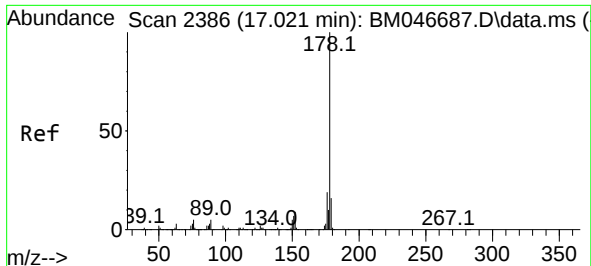
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.6

179 14.7 12.7 19.1

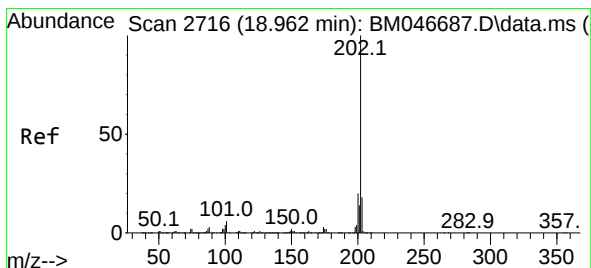
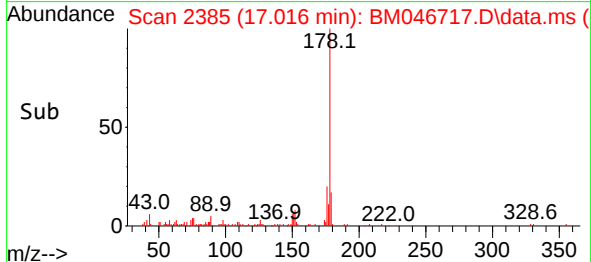
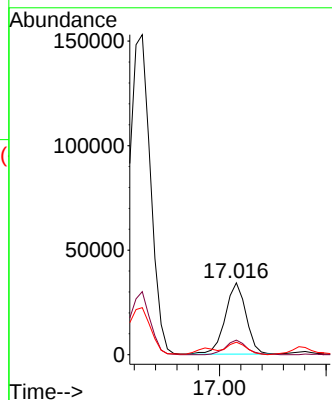
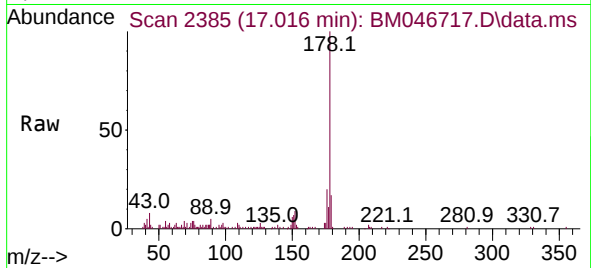




#72
 Anthracene
 Concen: 2.054 ng
 RT: 17.016 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046717.D
 Acq: 19 Jul 2024 00:40

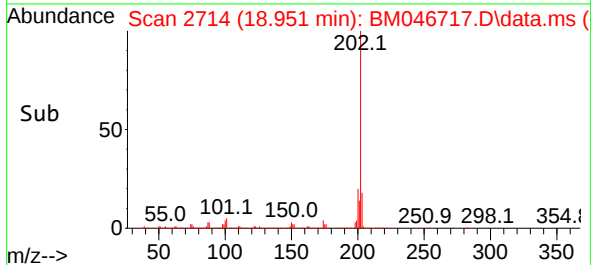
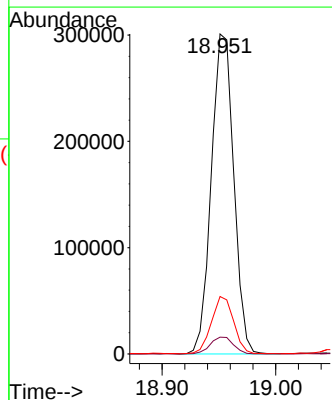
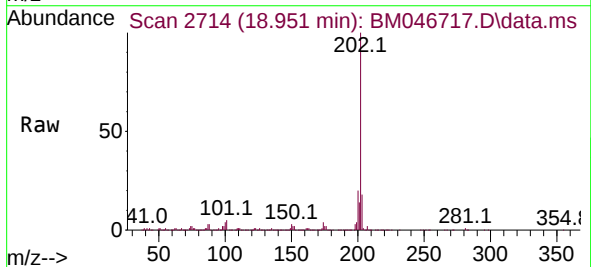
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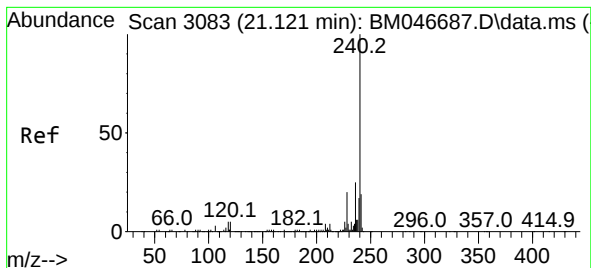
Tgt Ion:178 Resp: 46332
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.9 22.3
 179 17.3 12.4 18.6



#75
 Fluoranthene
 Concen: 14.119 ng
 RT: 18.951 min Scan# 2714
 Delta R.T. -0.011 min
 Lab File: BM046717.D
 Acq: 19 Jul 2024 00:40

Tgt Ion:202 Resp: 413568
 Ion Ratio Lower Upper
 202 100
 101 5.3 0.0 25.5
 203 18.0 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.110 min Scan# 3081

Delta R.T. -0.011 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

WC-CTW2-BL-03

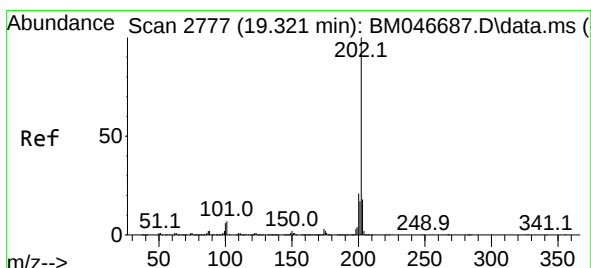
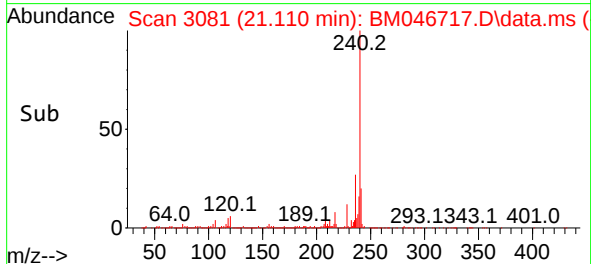
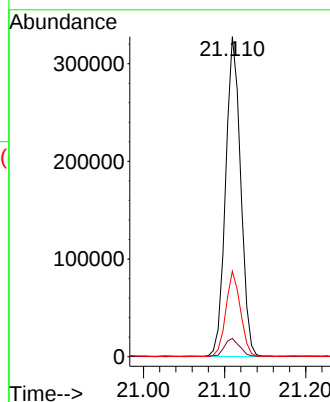
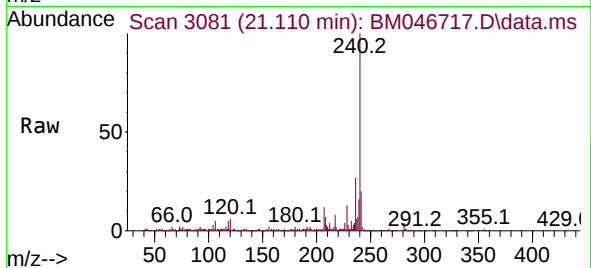
Tgt Ion:240 Resp: 422687

Ion Ratio Lower Upper

240 100

120 5.7 3.9 5.9

236 26.7 20.2 30.2



#78

Pyrene

Concen: 12.237 ng

RT: 19.316 min Scan# 2776

Delta R.T. -0.006 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

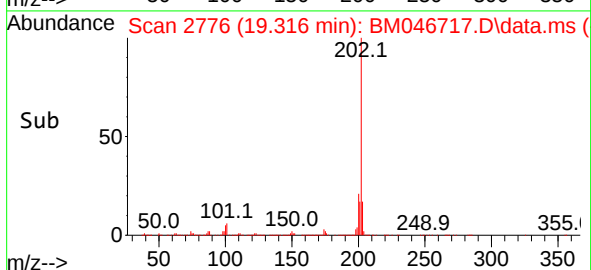
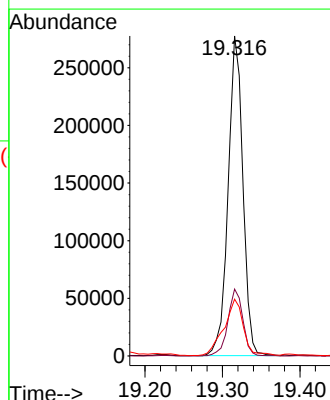
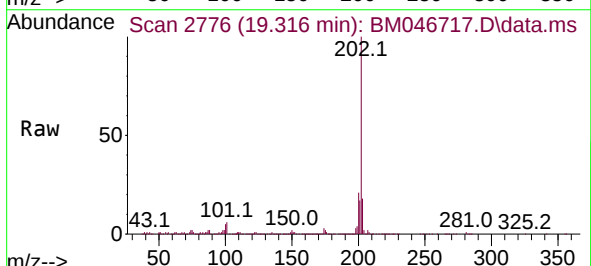
Tgt Ion:202 Resp: 368232

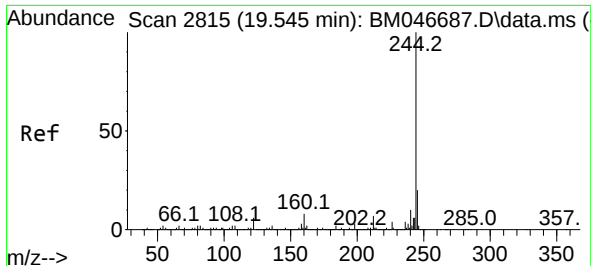
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.2 21.4

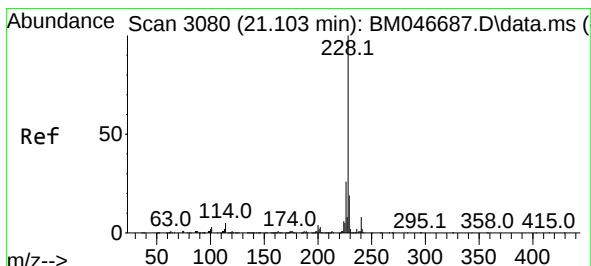
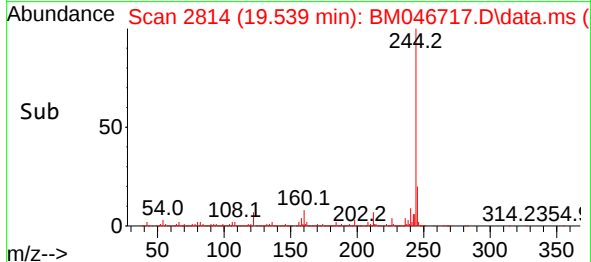
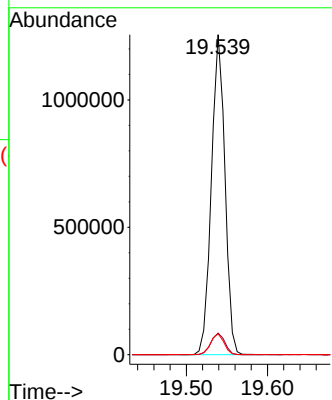
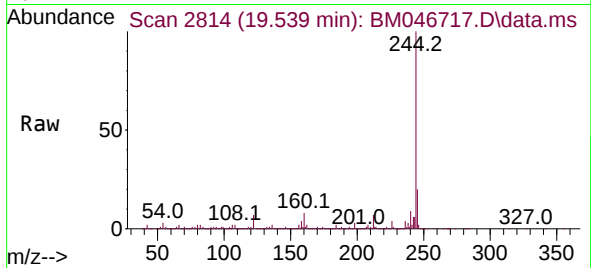




#79
 Terphenyl-d14
 Concen: 62.041 ng
 RT: 19.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046717.D
 Acq: 19 Jul 2024 00:40

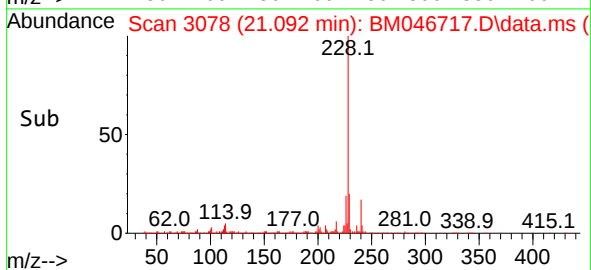
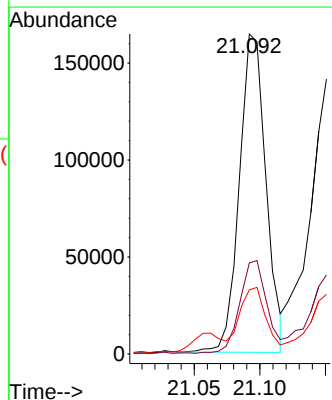
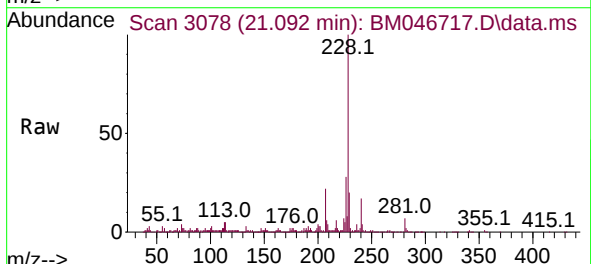
Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

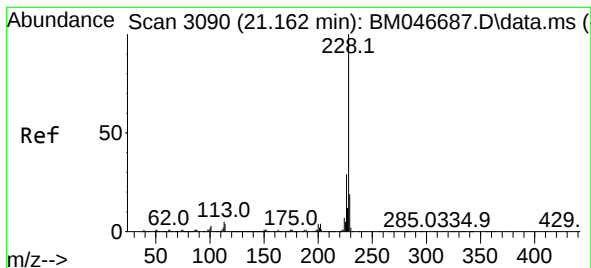
Tgt Ion:244 Resp: 1450112
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 6.6 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 8.288 ng
 RT: 21.092 min Scan# 3078
 Delta R.T. -0.011 min
 Lab File: BM046717.D
 Acq: 19 Jul 2024 00:40

Tgt Ion:228 Resp: 231811
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.1 31.7
 229 20.0 15.4 23.0





#83

Chrysene

Concen: 8.296 ng

RT: 21.151 min Scan# 3090

Delta R.T. -0.011 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

WC-CTW2-BL-03

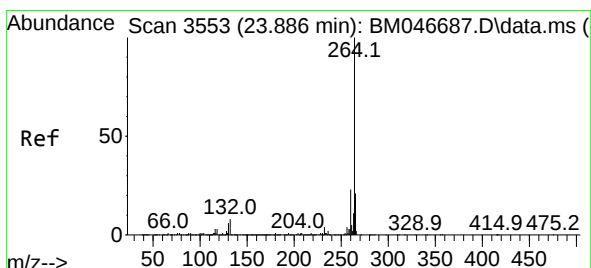
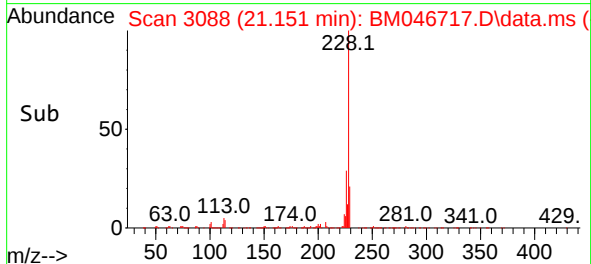
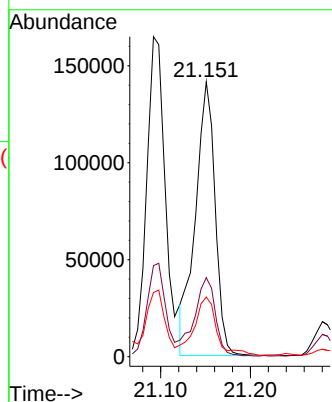
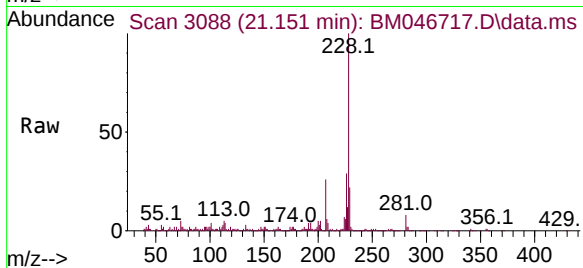
Tgt Ion:228 Resp: 216362

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

229 21.7 15.4 23.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.874 min Scan# 3551

Delta R.T. -0.011 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

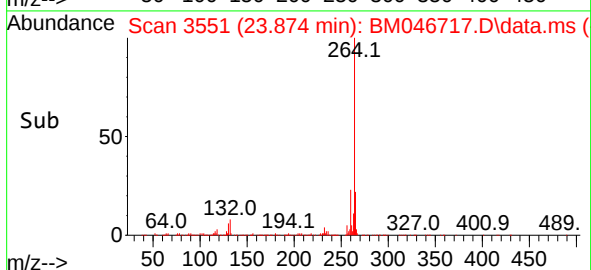
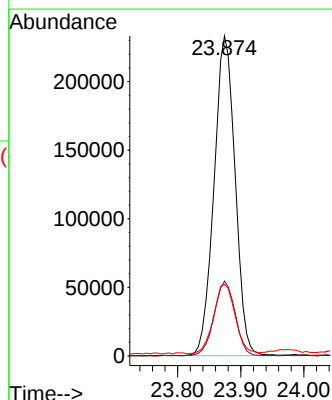
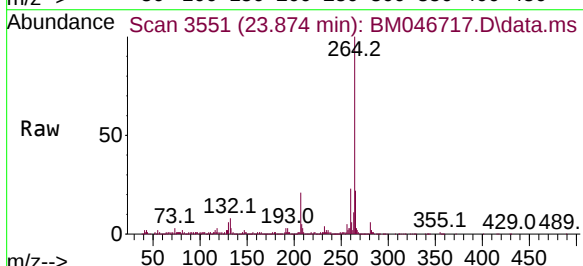
Tgt Ion:264 Resp: 540333

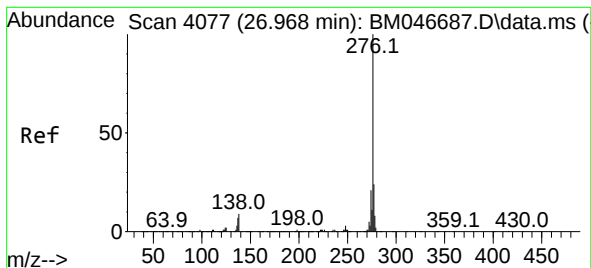
Ion Ratio Lower Upper

264 100

260 23.4 18.1 27.1

265 22.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.493 ng

RT: 26.933 min Scan# 4071

Delta R.T. -0.035 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

WC-CTW2-BL-03

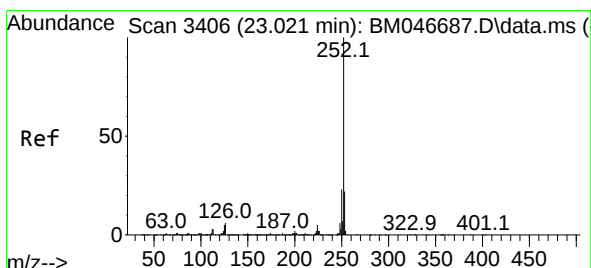
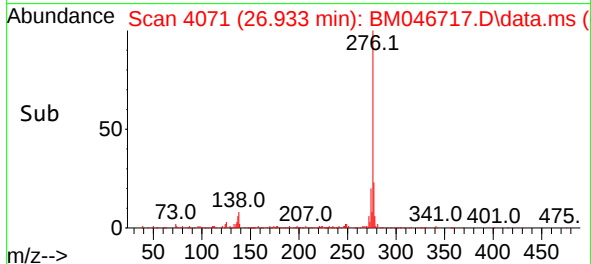
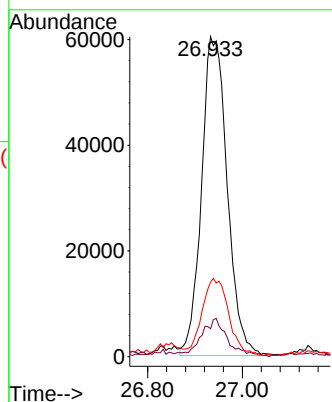
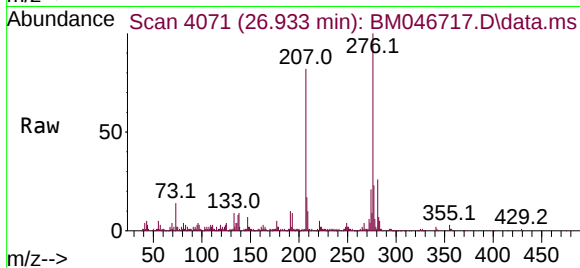
Tgt Ion:276 Resp: 227300

Ion Ratio Lower Upper

276 100

138 12.6 7.0 10.4#

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 10.465 ng

RT: 23.009 min Scan# 3404

Delta R.T. -0.011 min

Lab File: BM046717.D

Acq: 19 Jul 2024 00:40

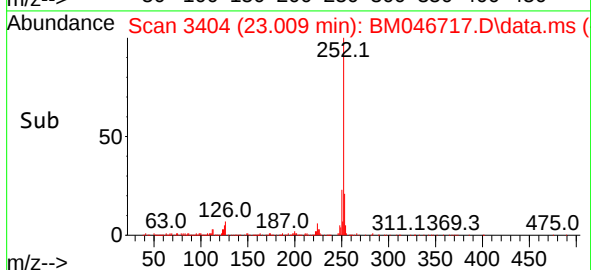
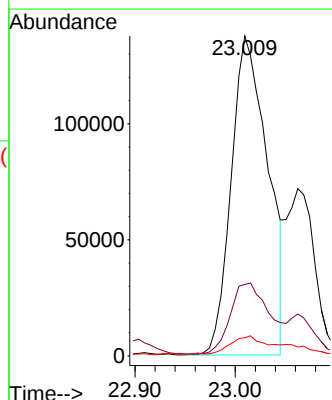
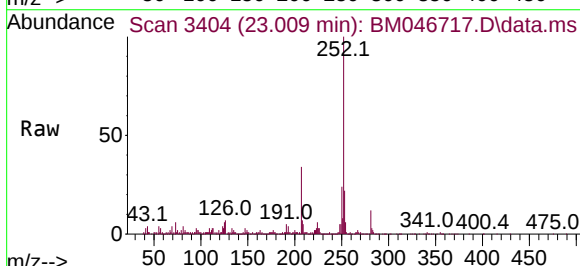
Tgt Ion:252 Resp: 348163

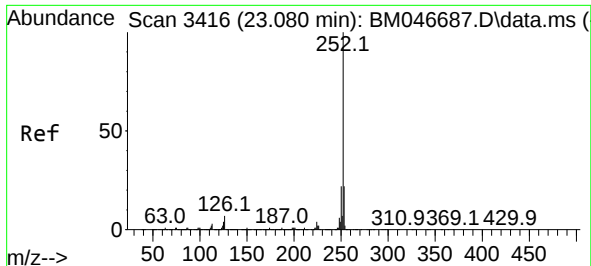
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 5.7 3.9 5.9

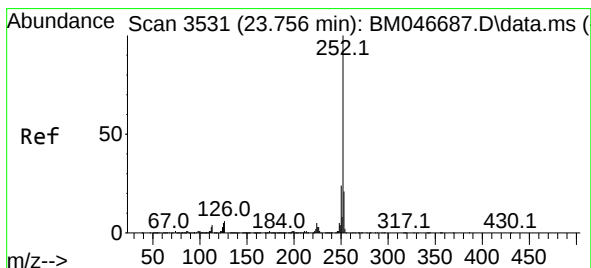
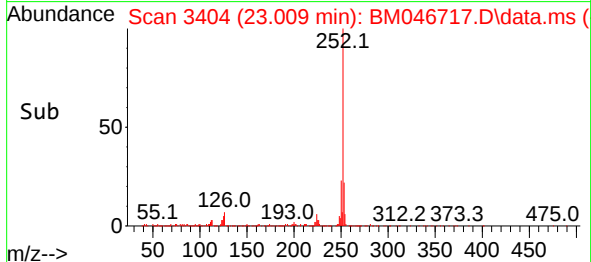
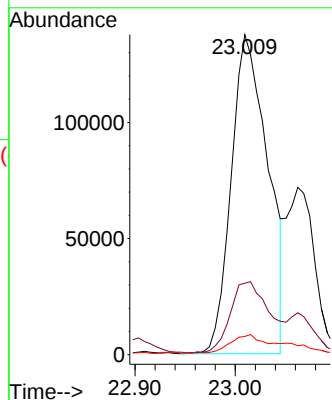
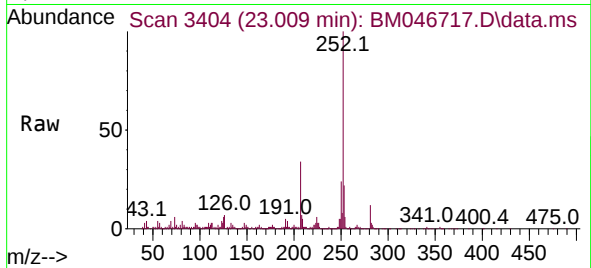




#89
Benzo(k)fluoranthene
Concen: 11.088 ng
RT: 23.009 min Scan# 3416
Delta R.T. -0.070 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

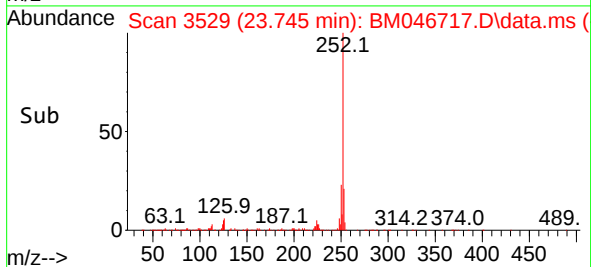
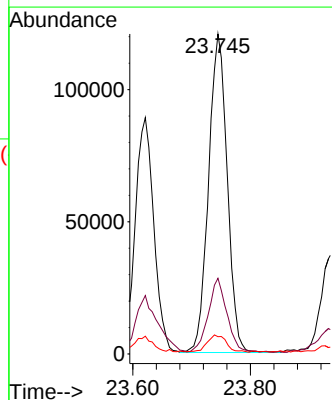
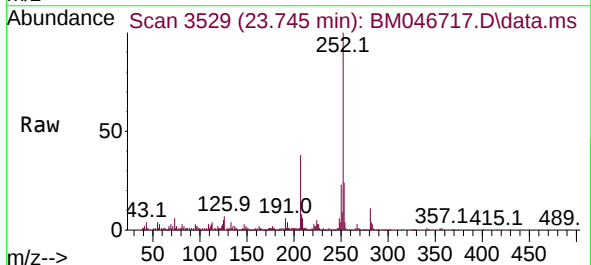
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-03

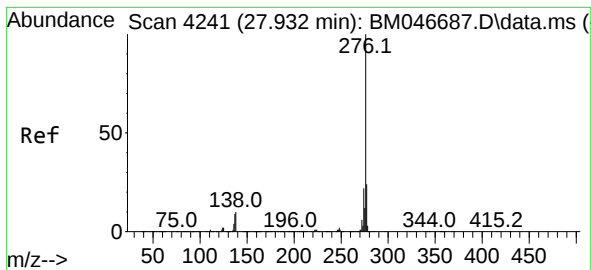
Tgt Ion:252 Resp: 348163
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.7 3.4 5.2#



#90
Benzo(a)pyrene
Concen: 9.244 ng
RT: 23.745 min Scan# 3529
Delta R.T. -0.011 min
Lab File: BM046717.D
Acq: 19 Jul 2024 00:40

Tgt Ion:252 Resp: 266051
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 5.4 4.2 6.2





#92
 Benzo(g,h,i)perylene
 Concen: 7.447 ng
 RT: 27.897 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BM046717.D
 Acq: 19 Jul 2024 00:40

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-03

Tgt Ion:276 Resp: 223276

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	10.2	8.1	12.1

