

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036590.D
 Acq On : 19 Sep 2022 21:12
 Operator : CG/JU
 Sample : N4604-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 19 22:35:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

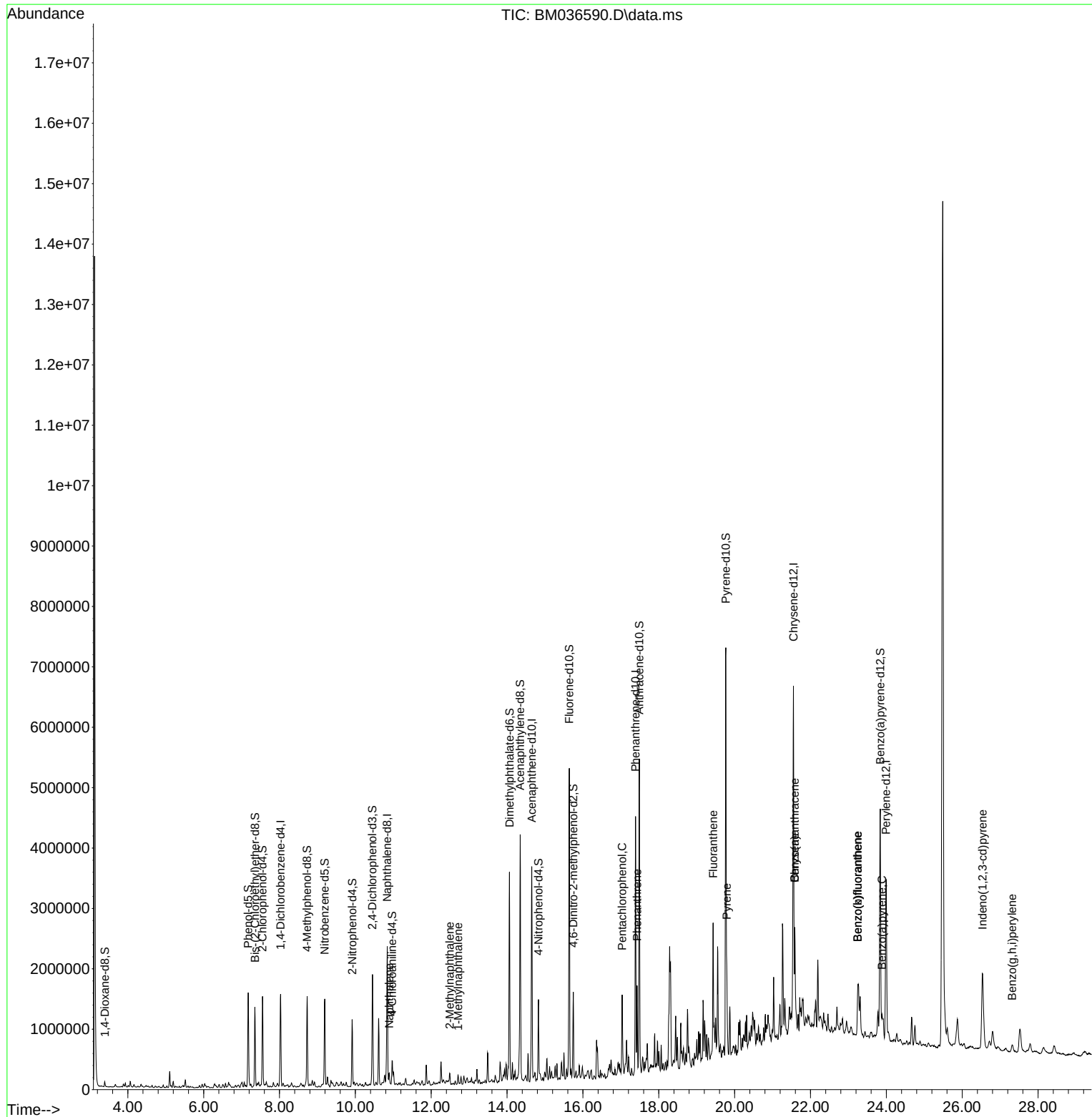
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	397599	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1809025	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1161654	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2383382	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2255282	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	2037392	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	42895	4.044	ng/uL	0.00
4) Pyridine-d5	3.804	84	484	0.016	ng/u1	-0.01
7) Phenol-d5	7.175	99	831949	23.415	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	544473	25.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	674581	26.371	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	546696	20.823	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	340874	27.839	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	335500	30.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	641005	25.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	223000	5.277	ng/u1	0.00
46) Dimethylphthalate-d6	14.062	166	2112797	26.967	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2543579	27.370	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	298179	19.622	ng/u1	0.00
60) Fluorene-d10	15.639	176	1903914	27.117	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	228680	24.251	ng/u1	0.00
73) Anthracene-d10	17.486	188	2737416	25.120	ng/u1	0.00
81) Pyrene-d10	19.768	212	3375142	30.420	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	2755169	27.679	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.892	128	132729	1.347	ng/u1	100
36) 2-Methylnaphthalene	12.492	142	82891	1.262	ng/u1	100
37) 1-Methylnaphthalene	12.710	142	70721	1.071	ng/u1	99
71) Pentachlorophenol	17.033	266	174870	10.595	ng/u1	99
72) Phenanthrene	17.427	178	787335	5.997	ng/u1	99
80) Fluoranthene	19.433	202	868345	6.387	ng/u1	99
82) Pyrene	19.792	202	638331	4.435	ng/u1	96
85) Benzo(a)anthracene	21.586	228	961512	6.804	ng/u1	94
87) Chrysene	21.586	228	960287	7.160	ng/u1	97
90) Benzo(b)fluoranthene	23.244	252	695045	5.380	ng/u1	97
91) Benzo(k)fluoranthene	23.244	252	695045	5.384	ng/u1#	97
93) Benzo(a)pyrene	23.885	252	286017	2.518	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.538	276	187570	1.414	ng/u1	99
96) Benzo(g,h,i)perylene	27.315	276	146187	1.271	ng/u1	98

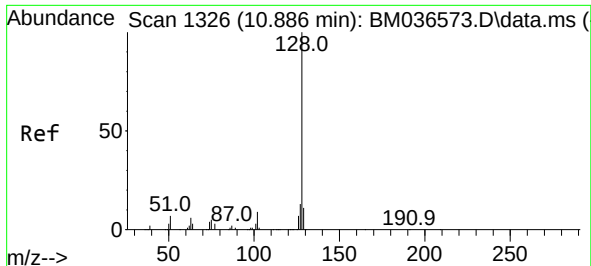
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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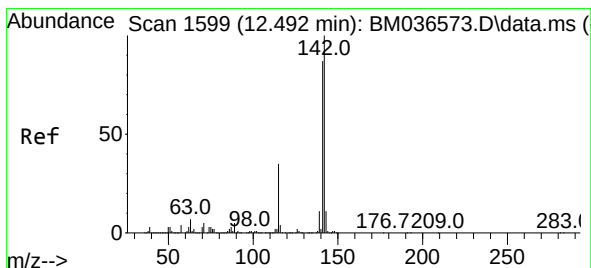
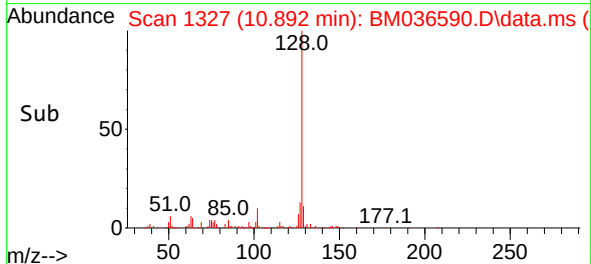
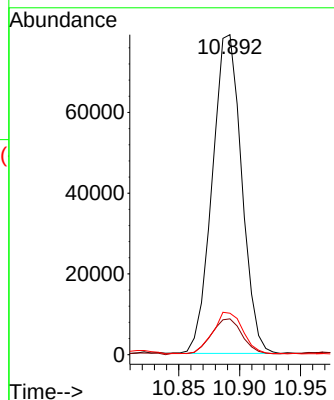
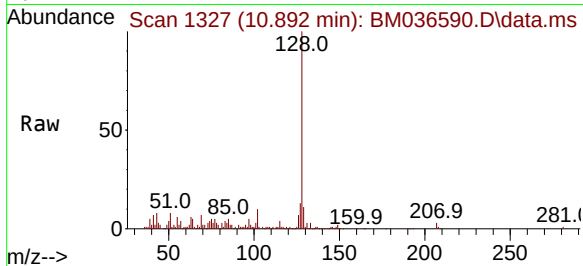




#30
Naphthalene
Concen: 1.347 ng/ul
RT: 10.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12

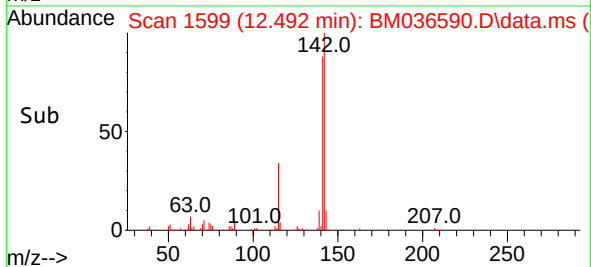
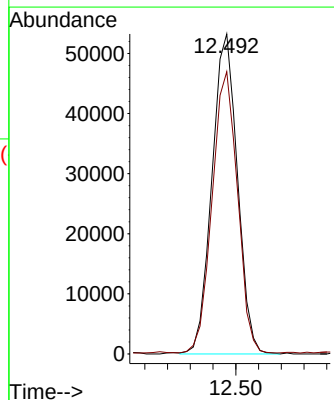
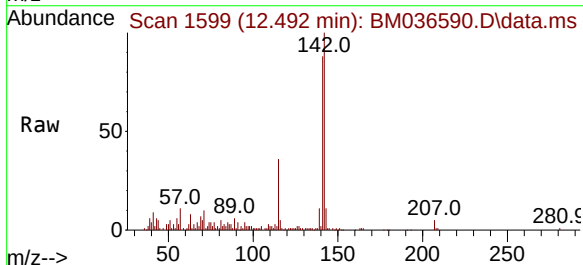
Instrument :
BNA_M
ClientSampleId :

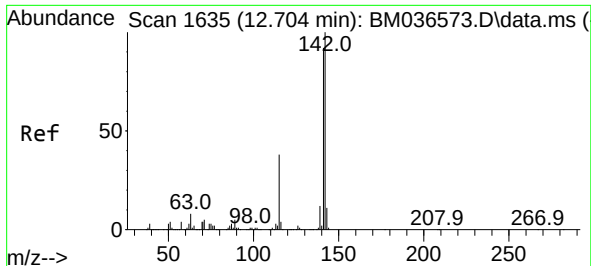
Tgt Ion:128 Resp: 132729
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.3 15.5



#36
2-Methylnaphthalene
Concen: 1.262 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12

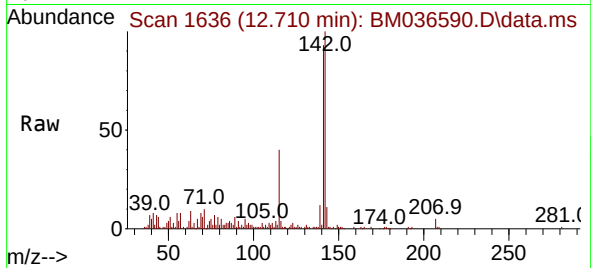
Tgt Ion:142 Resp: 82891
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1



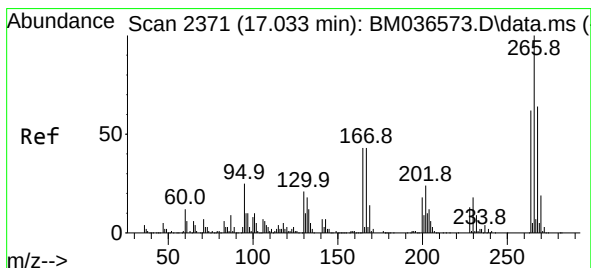
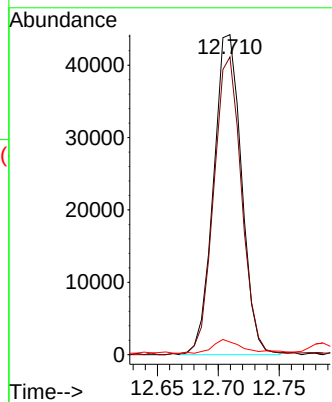
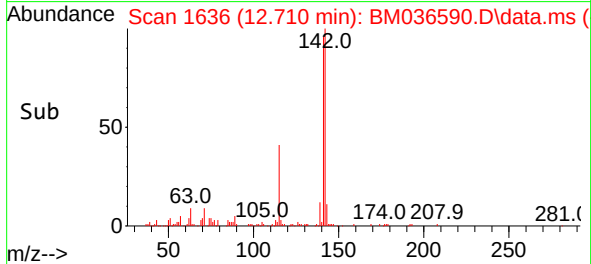


#37
1-Methylnaphthalene
Concen: 1.071 ng/ul
RT: 12.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12

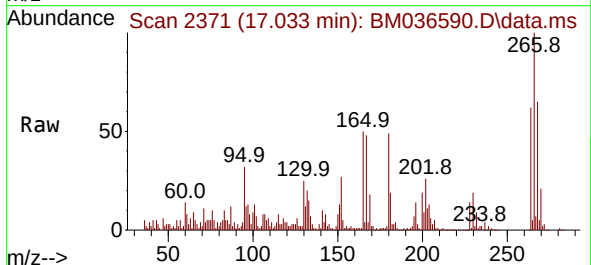
Instrument :
BNA_M
ClientSampleId :



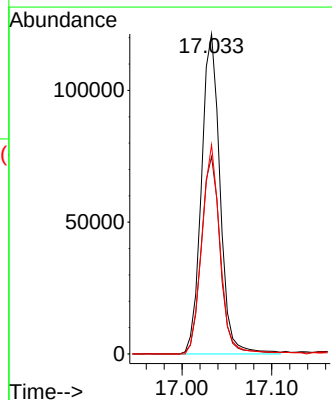
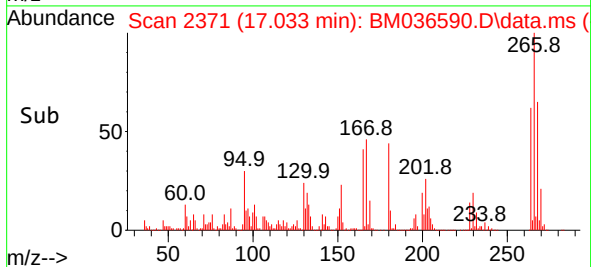
Tgt Ion:142 Resp: 70721
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.2
116 3.9 3.1 4.7

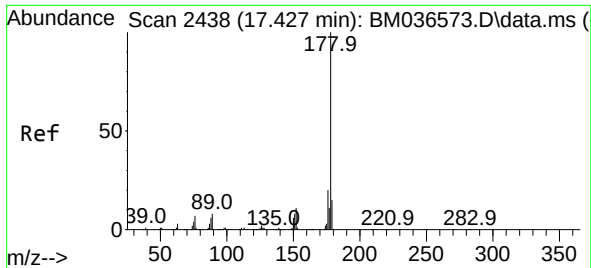


#71
Pentachlorophenol
Concen: 10.595 ng/ul
RT: 17.033 min Scan# 2371
Delta R.T. -0.000 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12



Tgt Ion:266 Resp: 174870
Ion Ratio Lower Upper
266 100
264 61.7 49.7 74.5
268 65.3 51.8 77.6

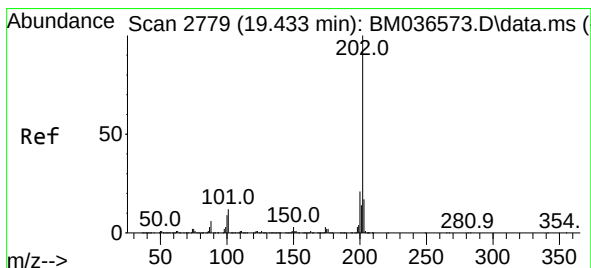
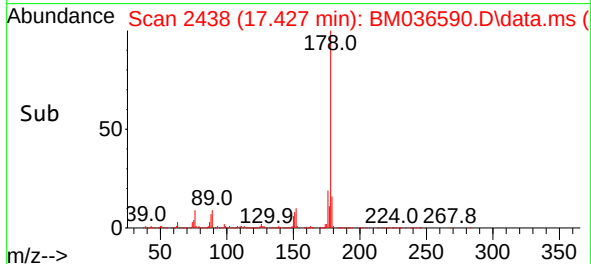
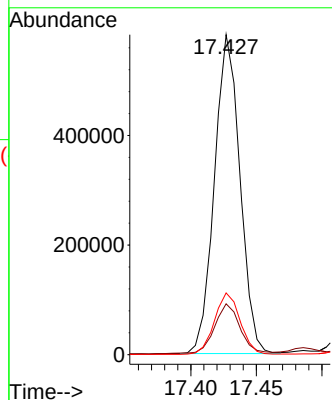
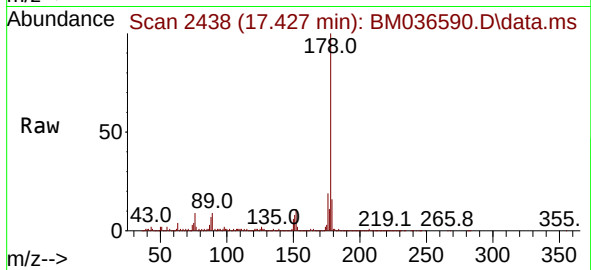




#72
Phenanthrene
Concen: 5.997 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12

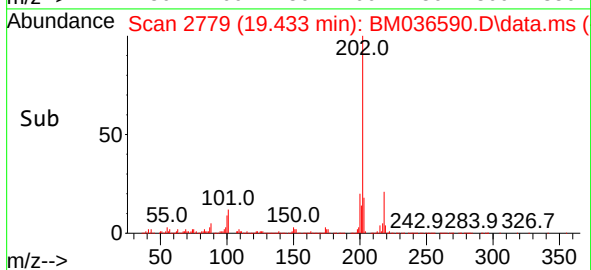
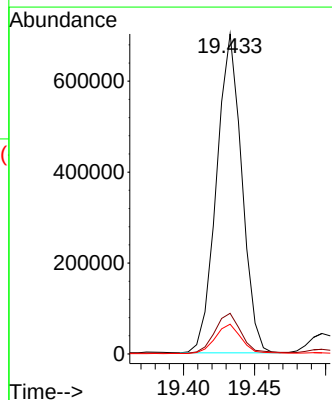
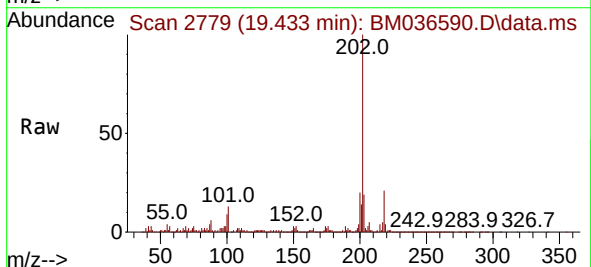
Instrument :
BNA_M
ClientSampleId :

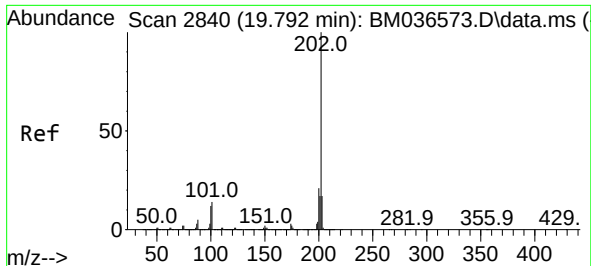
Tgt Ion:178 Resp: 787335
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.3 15.7 23.5



#80
Fluoranthene
Concen: 6.387 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. -0.000 min
Lab File: BM036590.D
Acq: 19 Sep 2022 21:12

Tgt Ion:202 Resp: 868345
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
100 9.3 7.4 11.2

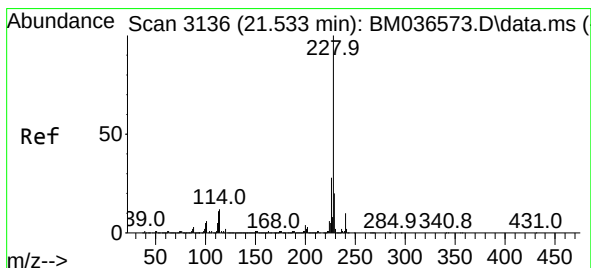
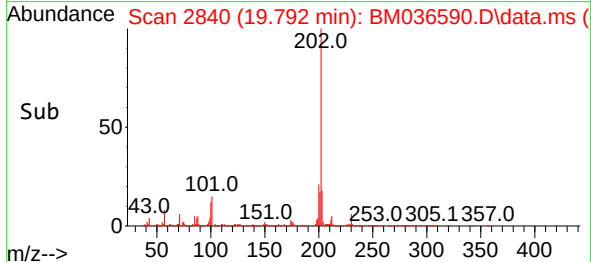
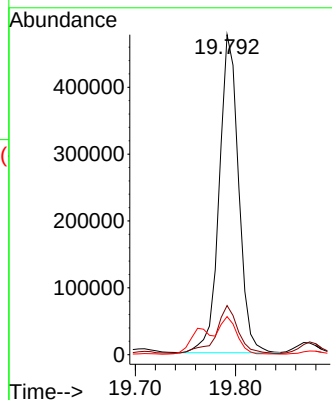
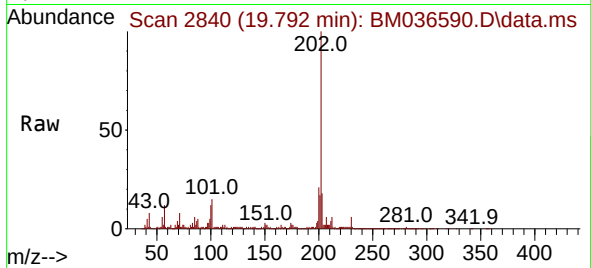




#82
 Pyrene
 Concen: 4.435 ng/ul
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036590.D
 Acq: 19 Sep 2022 21:12

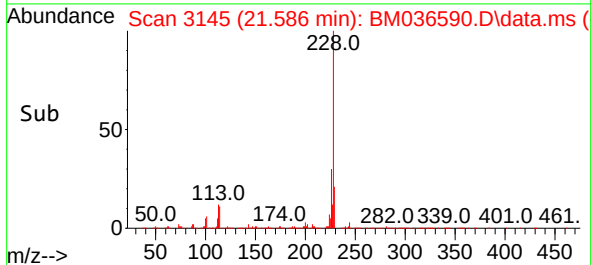
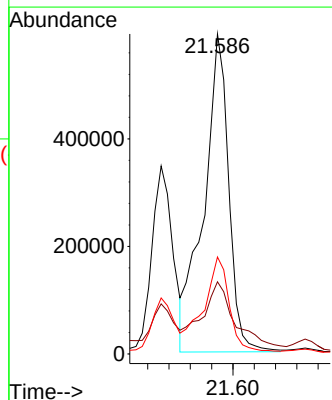
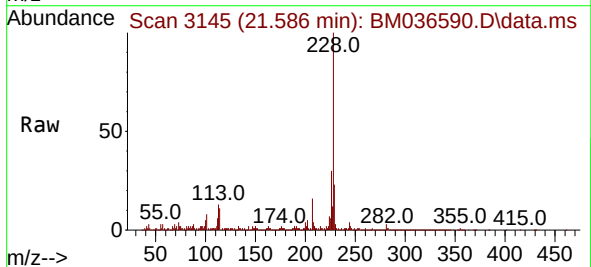
Instrument :
 BNA_M
 ClientSampleId :

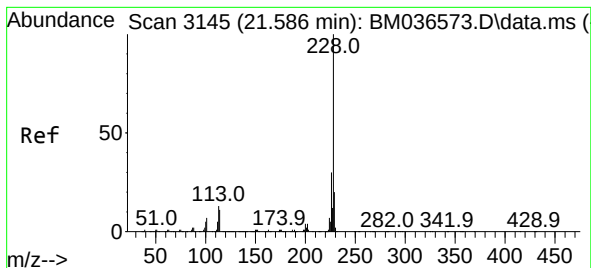
Tgt Ion:202 Resp: 638331
 Ion Ratio Lower Upper
 202 100
 101 15.4 10.9 16.3
 100 11.9 8.7 13.1



#85
 Benzo(a)anthracene
 Concen: 6.804 ng/ul
 RT: 21.586 min Scan# 3145
 Delta R.T. 0.047 min
 Lab File: BM036590.D
 Acq: 19 Sep 2022 21:12

Tgt Ion:228 Resp: 961512
 Ion Ratio Lower Upper
 228 100
 229 22.6 15.8 23.8
 226 30.3 21.9 32.9





#87

Chrysene

Concen: 7.160 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

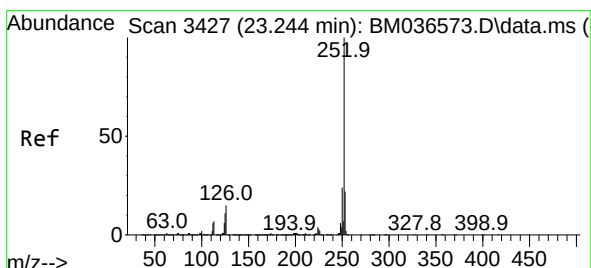
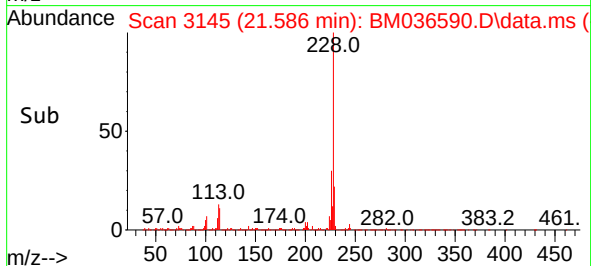
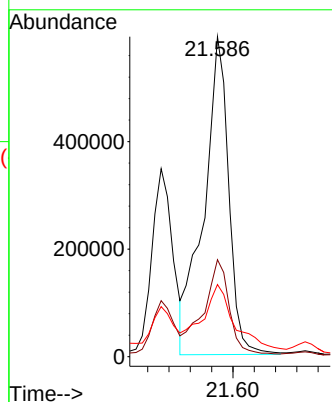
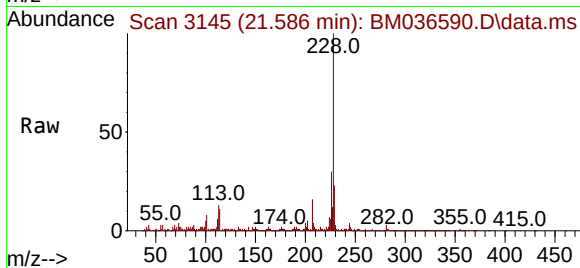
Tgt Ion:228 Resp: 960287

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 22.6 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 5.380 ng/ul

RT: 23.244 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

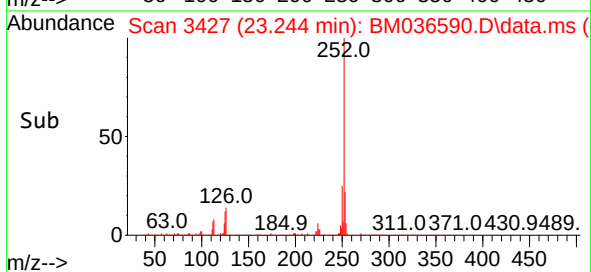
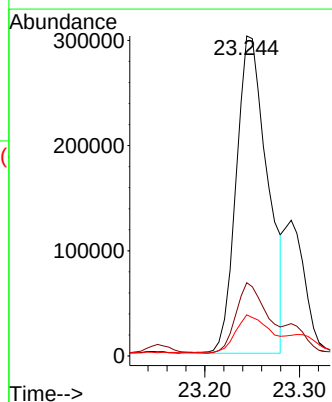
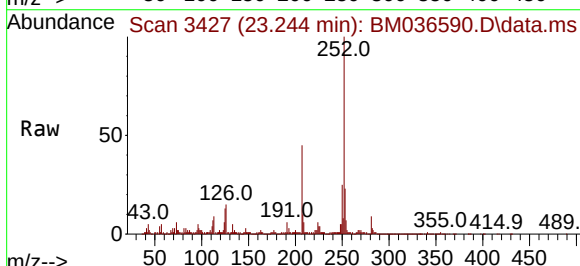
Tgt Ion:252 Resp: 695045

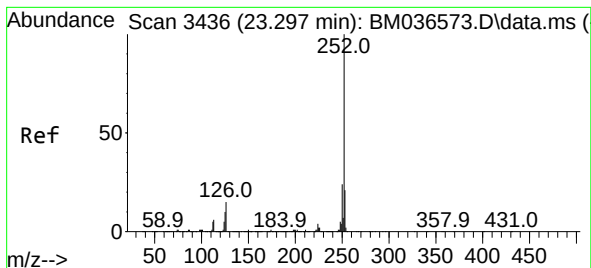
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 12.8 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 5.384 ng/ul

RT: 23.244 min Scan# 34

Delta R.T. -0.059 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

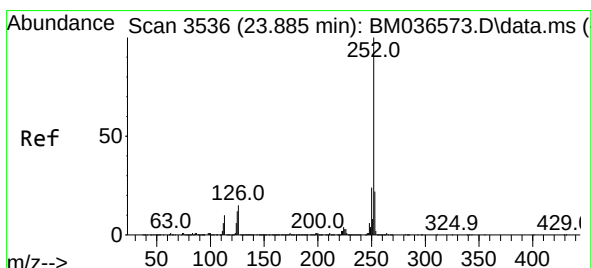
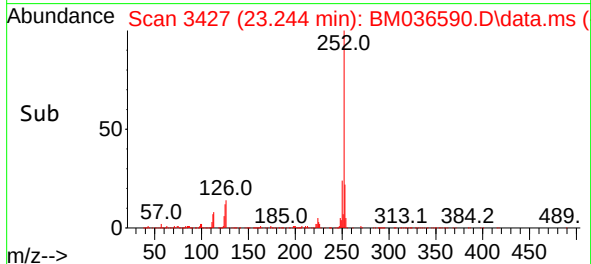
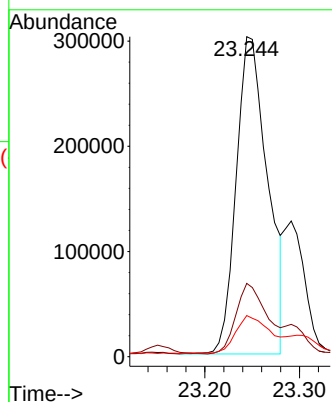
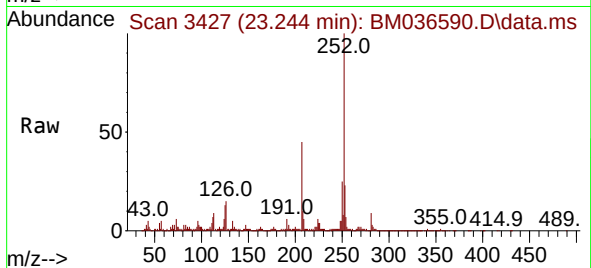
Tgt Ion:252 Resp: 695045

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 12.8 8.2 12.4#



#93

Benzo(a)pyrene

Concen: 2.518 ng/ul

RT: 23.885 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

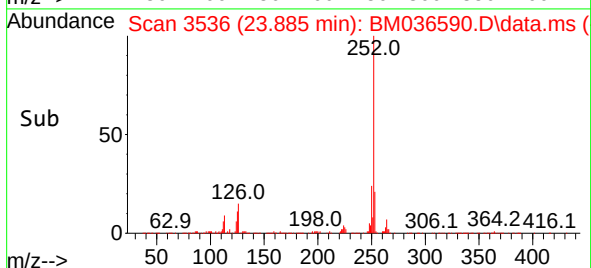
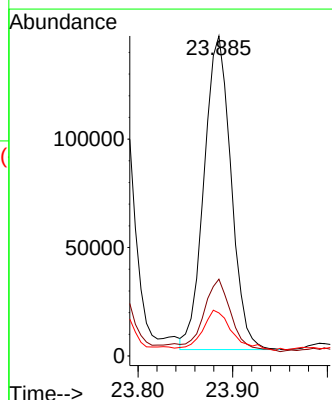
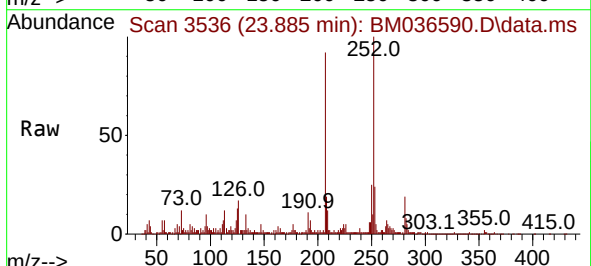
Tgt Ion:252 Resp: 286017

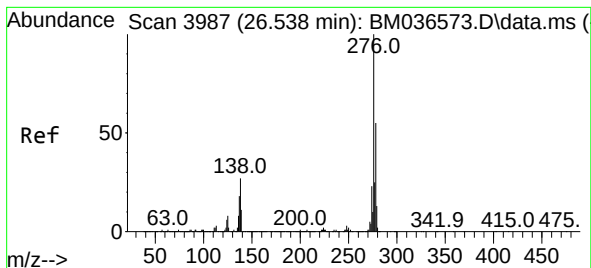
Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

125 13.5 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.414 ng/ul

RT: 26.538 min Scan# 3987

Delta R.T. -0.012 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

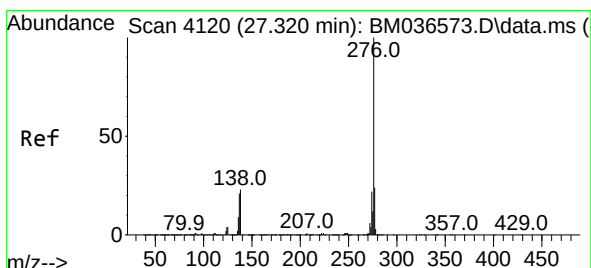
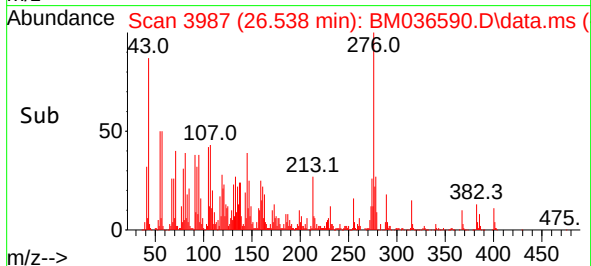
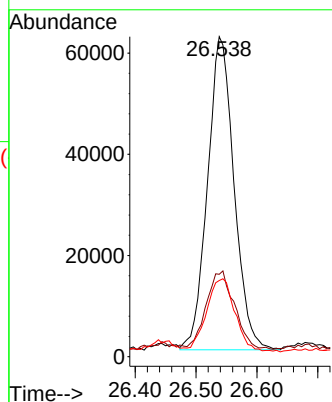
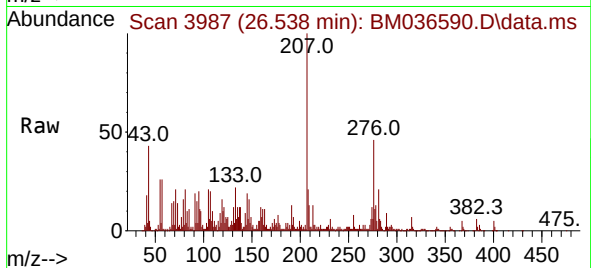
Tgt Ion:276 Resp: 187570

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

277 23.8 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.271 ng/ul

RT: 27.315 min Scan# 4119

Delta R.T. -0.018 min

Lab File: BM036590.D

Acq: 19 Sep 2022 21:12

Tgt Ion:276 Resp: 146187

Ion Ratio Lower Upper

276 100

138 24.5 18.7 28.1

277 25.1 19.2 28.8

