

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037883.D
 Acq On : 08 Dec 2022 12:54
 Operator : CG/JU
 Sample : N5832-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK9

Quant Time: Dec 08 22:37:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	259888	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	971761	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	507041	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	957866	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	668081	20.000	ng/ul	0.02
88) Perylene-d12	23.986	264	1644091	20.000	ng/ul	-0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	27332	4.775	ng/uL	0.00
4) Pyridine-d5	3.864	84	289036	17.023	ng/ul	0.00
7) Phenol-d5	7.240	99	612236	28.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	356047	27.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	509671	29.419	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	472693	28.674	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	247305	32.143	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	262641	32.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	452554	29.550	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	356129	16.846	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1163971	32.200	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1428957	32.344	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	175618	28.506	ng/ul	0.00
60) Fluorene-d10	15.704	176	1030745	32.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	93721	18.301	ng/ul	0.00
73) Anthracene-d10	17.586	188	1203760	26.927	ng/ul	0.03
81) Pyrene-d10	19.851	212	1383462	34.473	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.986	264	1329393	16.189	ng/ul	0.04
Target Compounds						
					Qvalue	
8) Phenol	7.269	94	26589	1.255	ng/ul	92
16) Acetophenone	8.922	105	55148	2.127	ng/ul	97
30) Naphthalene	10.957	128	1795633	34.241	ng/ul	100
32) 4-Chloroaniline	10.957	127	230154	10.917	ng/ul#	4
36) 2-Methylnaphthalene	12.557	142	1066927	31.368	ng/ul	98
37) 1-Methylnaphthalene	12.775	142	178339	5.128	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	409072	10.037	ng/ul	98
50) Acenaphthylene	14.445	152	1527319	31.439	ng/ul	99
52) Acenaphthene	14.781	153	1464551	43.586	ng/ul	100
56) Dibenzofuran	15.116	168	3278510	71.466	ng/ul	98
61) Fluorene	15.769	166	5083688	135.883	ng/ul	99
63) 4-Nitroaniline	15.763	138	56094	8.951	ng/ul#	31
66) 4,6-Dinitro-2-methylph...	15.839	198	11690	2.358	ng/ul#	1
71) Pentachlorophenol	17.116	266	138053	19.811	ng/ul	98
72) Phenanthrene	17.516	178	14687692	280.787	ng/ul	97
74) Anthracene	17.516	178	14687692	276.296	ng/ul	96
77) Carbazole	17.886	167	12812239	278.188	ng/ul	95
80) Fluoranthene	19.574	202	51866	1.095	ng/ul#	87
82) Pyrene	19.786	202	155688	3.158	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	11277088	250.727	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.521	149	88662	3.325	ng/ul#	74
87) Chrysene	21.698	228	15829482	375.105	ng/ul	95
91) Benzo(k)fluoranthene	23.404	252	20969990	212.284	ng/ul	97
93) Benzo(a)pyrene	23.939	252	10024198	111.837	ng/ul#	95

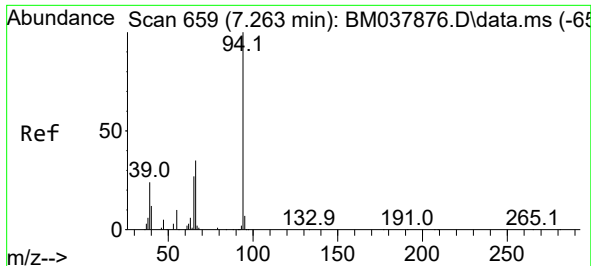
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	26.550	276	148624	1.287	ng/ul#	79

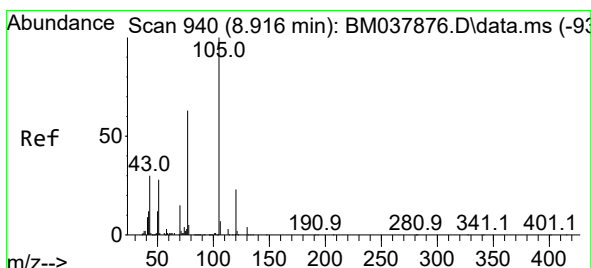
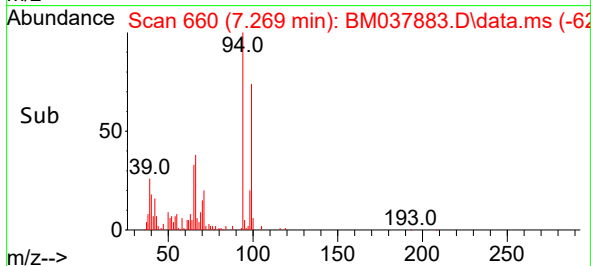
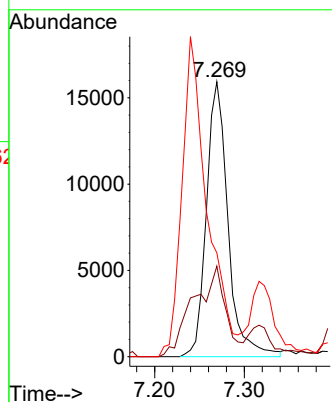
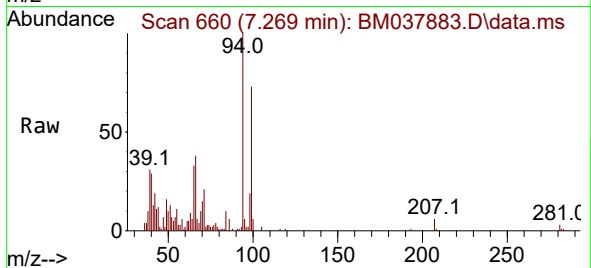
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Phenol
Concen: 1.255 ng/ul
RT: 7.269 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

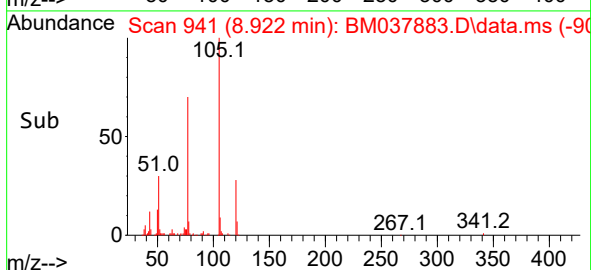
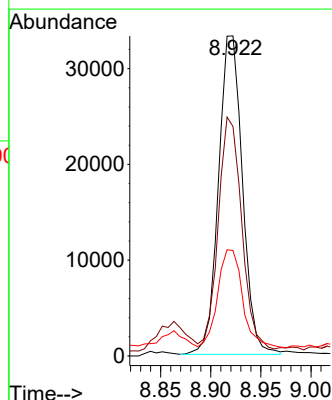
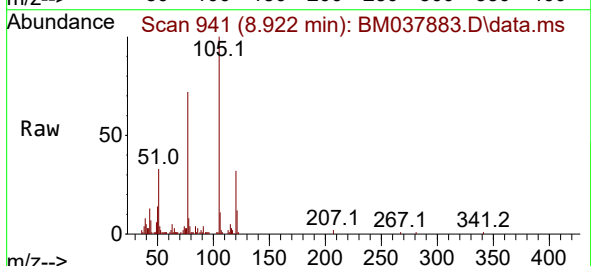
Instrument :
BNA_M
ClientSampleId :
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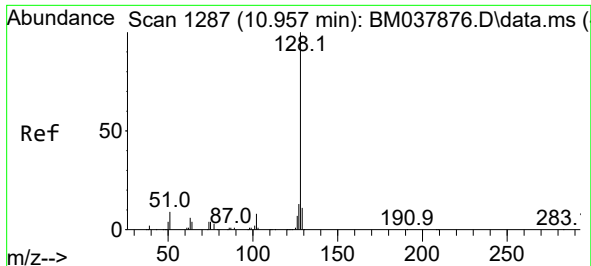
Tgt Ion: 94	Resp: 26589
Ion Ratio	Lower Upper
94 100	
65 33.0	22.2 33.4
66 37.8	27.3 40.9



#16
Acetophenone
Concen: 2.127 ng/ul
RT: 8.922 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion: 105	Resp: 55148
Ion Ratio	Lower Upper
105 100	
77 71.7	59.7 89.5
51 32.9	27.2 40.8

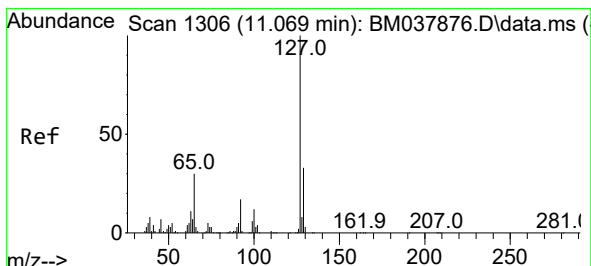
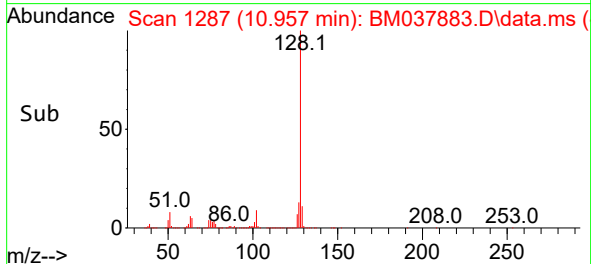
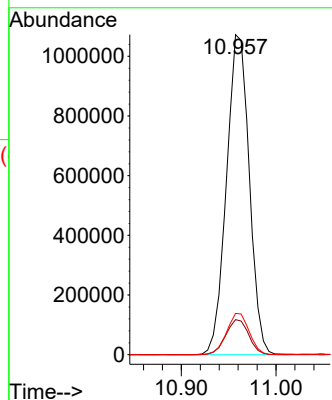
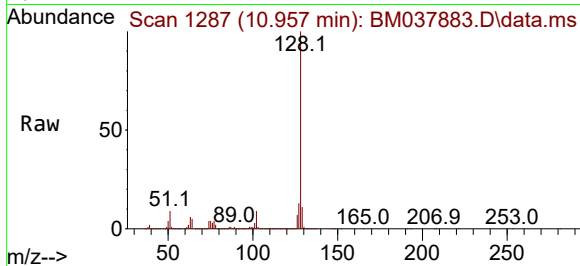




#30
Naphthalene
Concen: 34.241 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

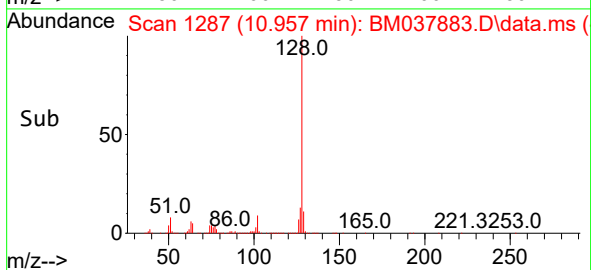
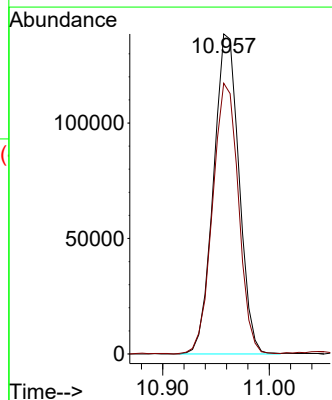
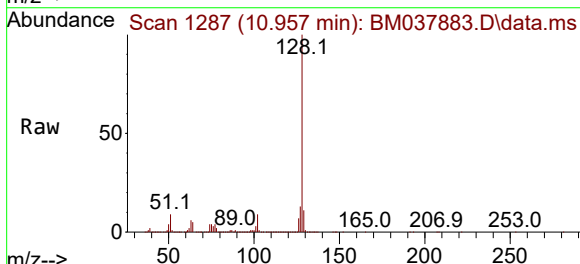
Instrument :
BNA_M
ClientSampleId :
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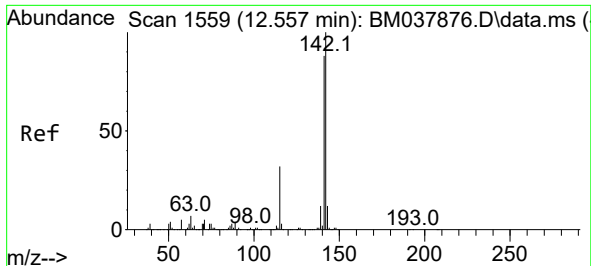
Tgt Ion:128 Resp: 1795633
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 10.917 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.111 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:127 Resp: 230154
Ion Ratio Lower Upper
127 100
129 84.6 25.3 37.9#

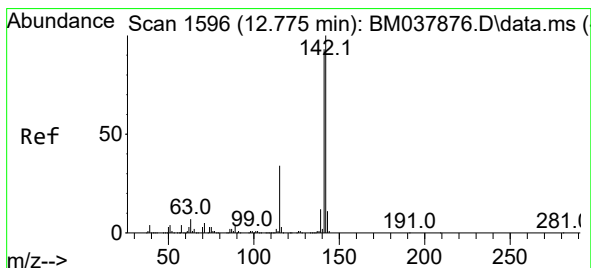
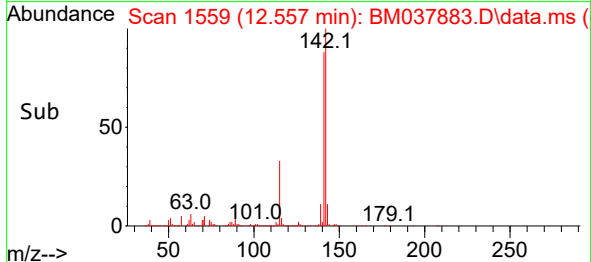
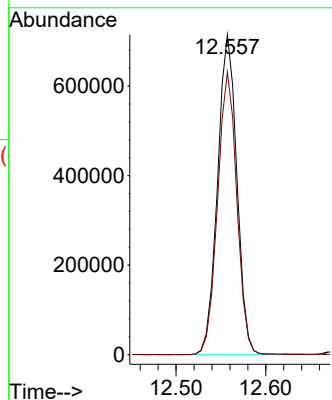
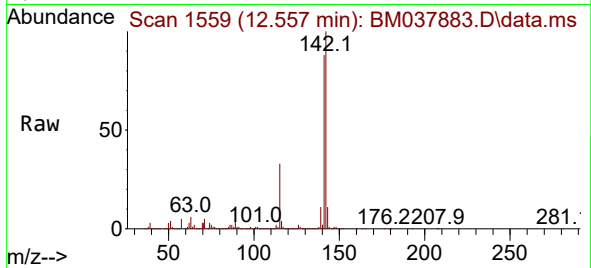




#36
2-Methylnaphthalene
Concen: 31.368 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

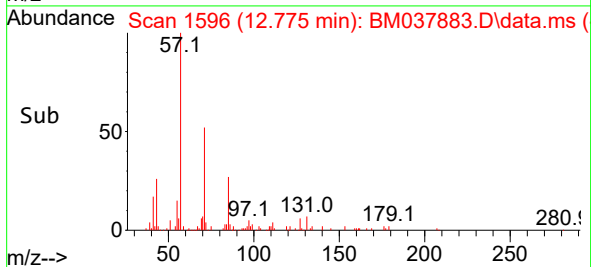
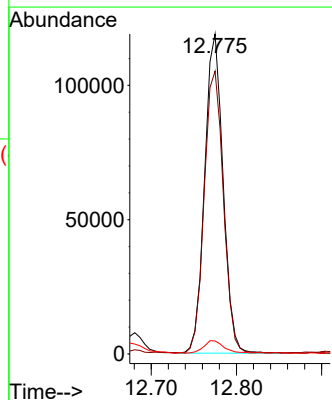
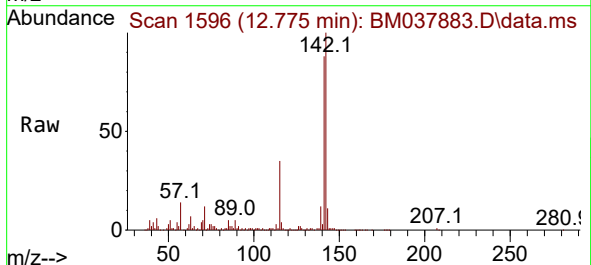
Instrument :
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ClientSampleId :
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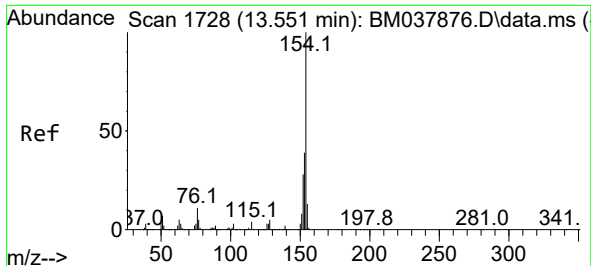
Tgt Ion:142 Resp: 1066927
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0



#37
1-Methylnaphthalene
Concen: 5.128 ng/ul
RT: 12.775 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:142 Resp: 178339
Ion Ratio Lower Upper
142 100
141 88.4 72.4 108.6
116 4.0 2.9 4.3

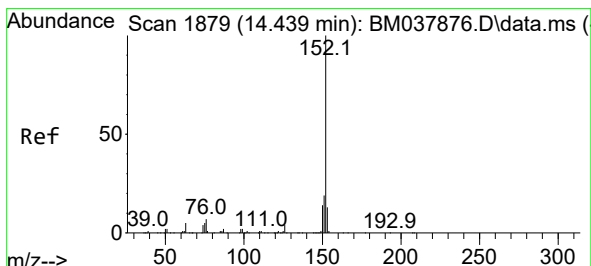
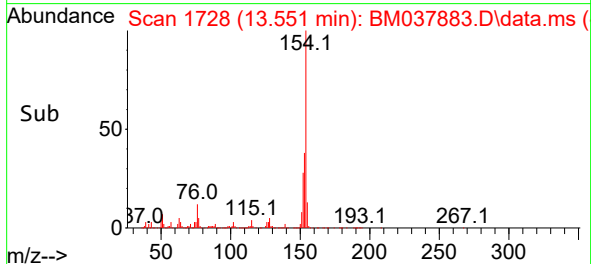
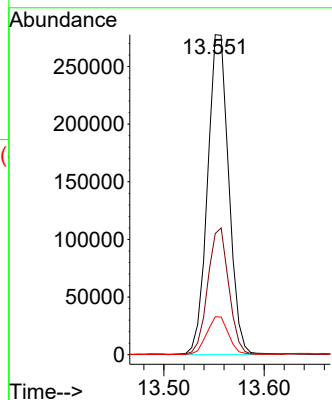
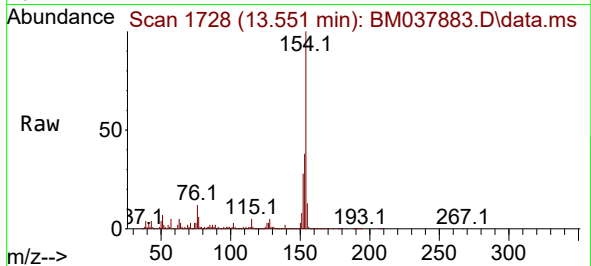




#43
1,1'-Biphenyl
Concen: 10.037 ng/ul
RT: 13.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

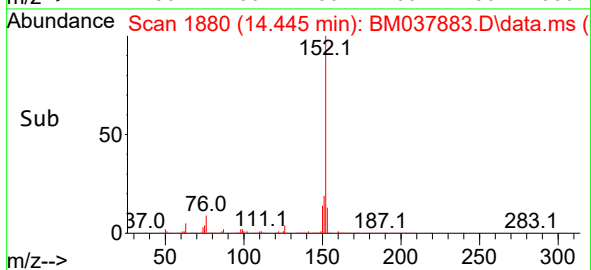
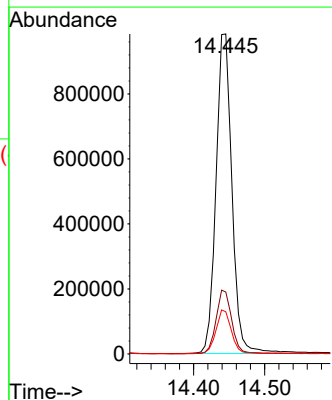
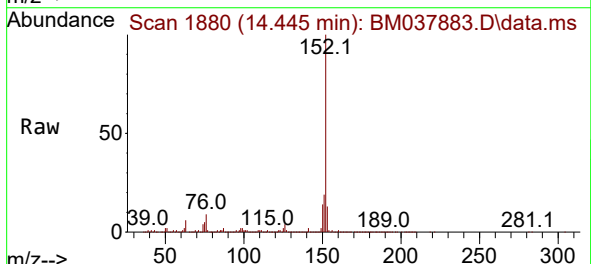
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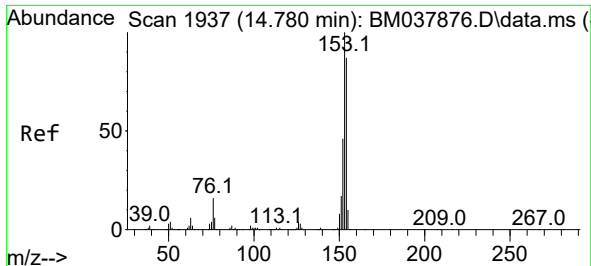
Tgt Ion:154 Resp: 409072
Ion Ratio Lower Upper
154 100
153 37.9 31.2 46.8
76 11.8 9.3 13.9



#50
Acenaphthylene
Concen: 31.439 ng/ul
RT: 14.445 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:152 Resp: 1527319
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9
153 13.2 10.2 15.4

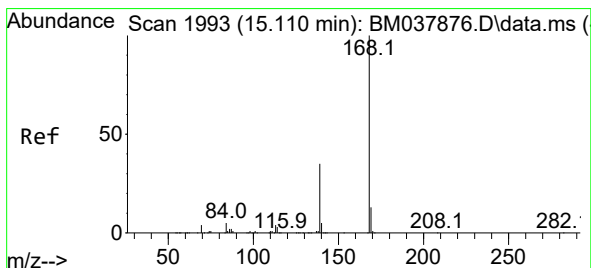
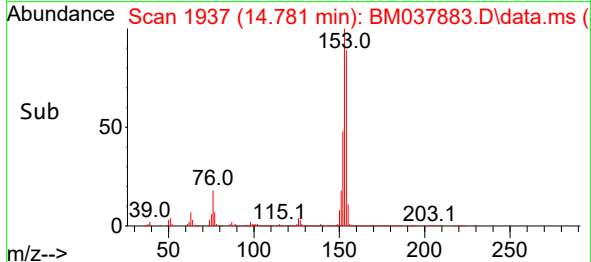
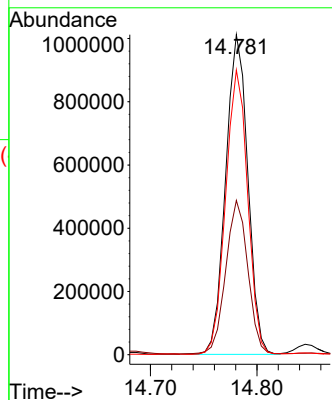
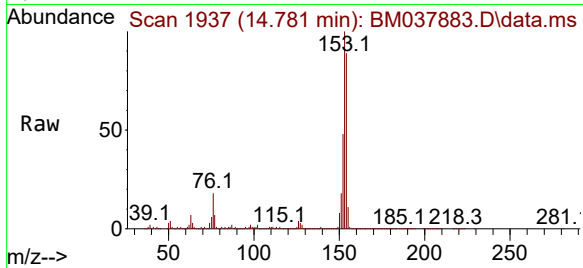




#52
Acenaphthene
Concen: 43.586 ng/ul
RT: 14.781 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

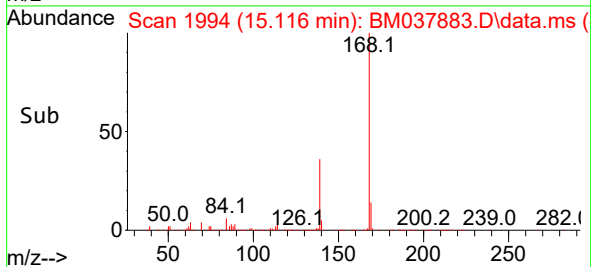
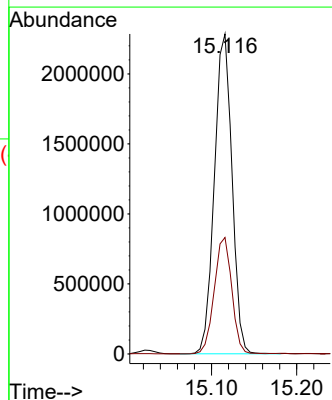
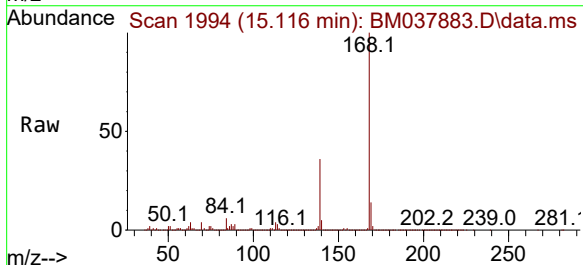
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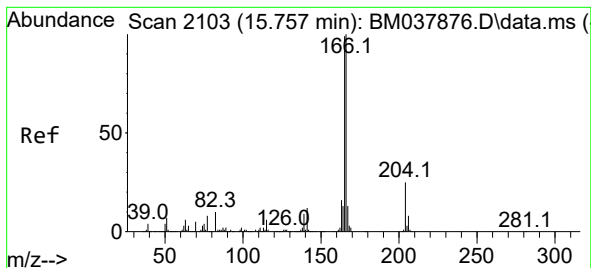
Tgt Ion:153 Resp: 1464551
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.4
154 88.9 71.4 107.0



#56
Dibenzofuran
Concen: 71.466 ng/ul
RT: 15.116 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:168 Resp: 3278510
Ion Ratio Lower Upper
168 100
139 36.4 28.1 42.1





#61

Fluorene

Concen: 135.883 ng/ul

RT: 15.769 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

Instrument :

BNA_M

ClientSampleId :

DBXK9

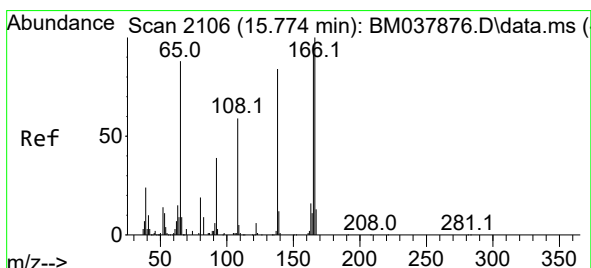
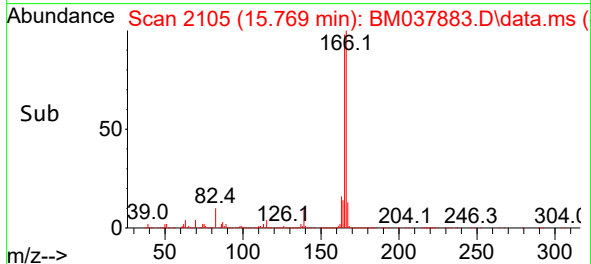
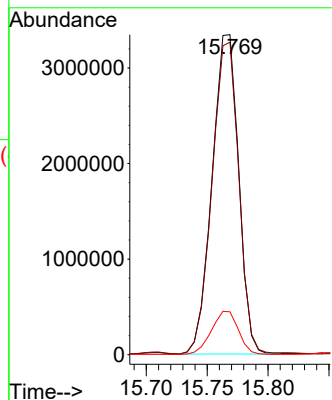
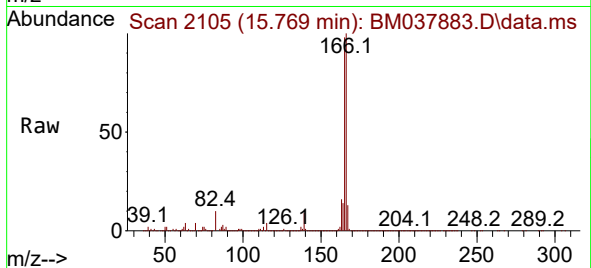
Tgt Ion:166 Resp: 5083688

Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

167 13.4 10.4 15.6



#63

4-Nitroaniline

Concen: 8.951 ng/ul

RT: 15.763 min Scan# 2104

Delta R.T. -0.017 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

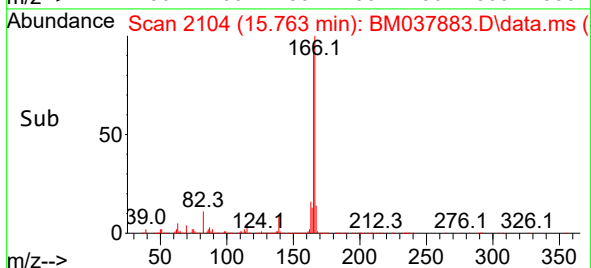
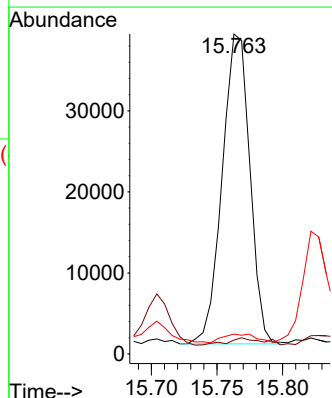
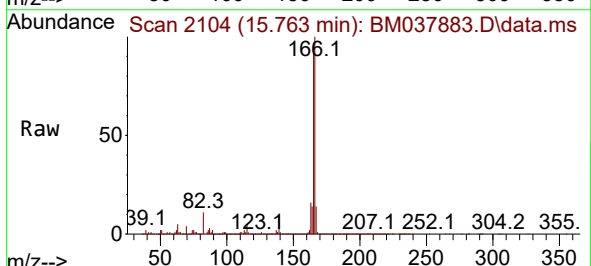
Tgt Ion:138 Resp: 56094

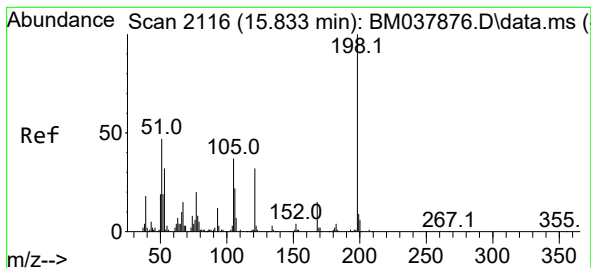
Ion Ratio Lower Upper

138 100

92 4.3 36.1 54.1#

108 6.2 51.6 77.4#

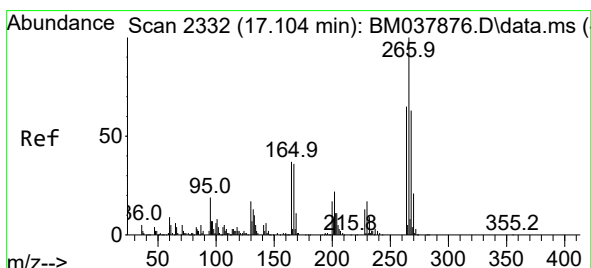
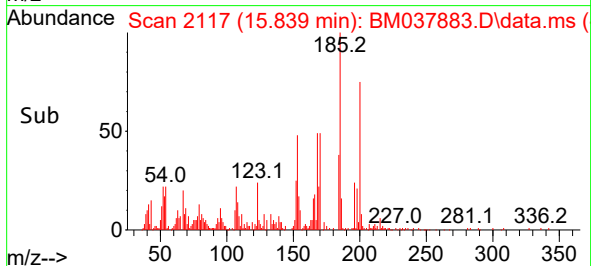
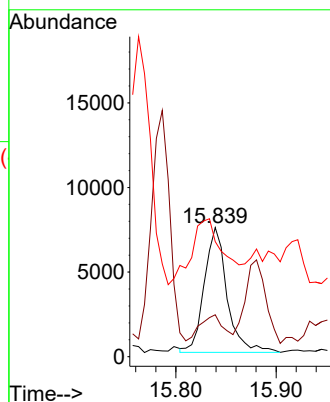
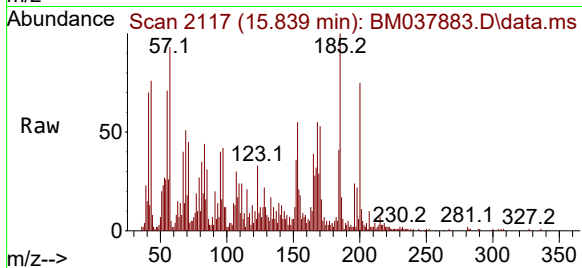




#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.358 ng/ul
 RT: 15.839 min Scan# 2116
 Delta R.T. 0.006 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

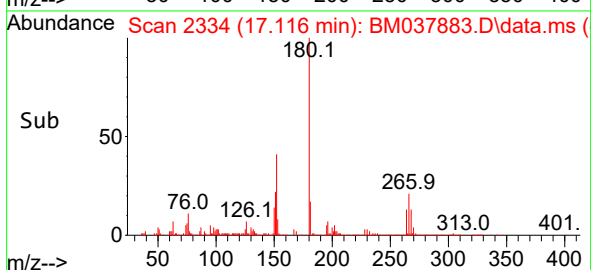
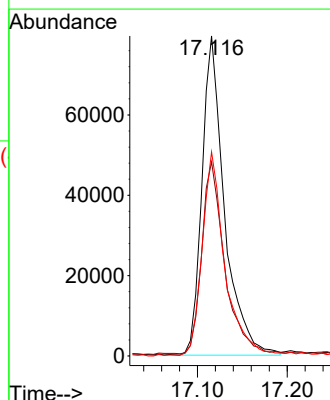
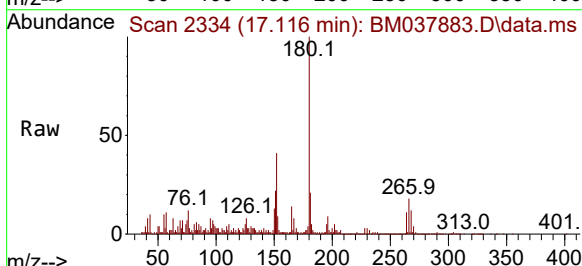
Instrument :
 BNA_M
 ClientSampleId :
 DBXK9

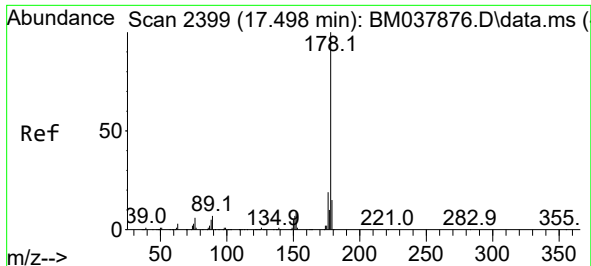
Tgt Ion:198 Resp: 11690
 Ion Ratio Lower Upper
 198 100
 182 32.5 3.8 5.8#
 77 89.2 19.3 28.9#



#71
 Pentachlorophenol
 Concen: 19.811 ng/ul
 RT: 17.116 min Scan# 2334
 Delta R.T. 0.012 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

Tgt Ion:266 Resp: 138053
 Ion Ratio Lower Upper
 266 100
 264 60.7 50.1 75.1
 268 63.7 50.6 75.8

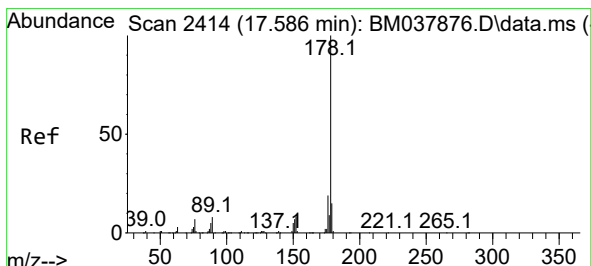
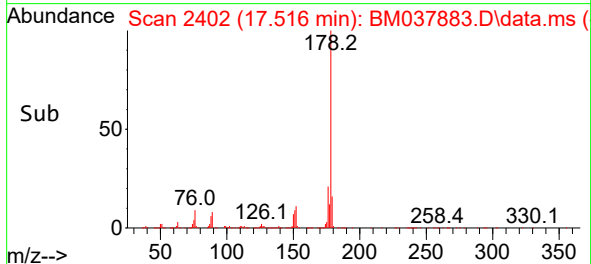
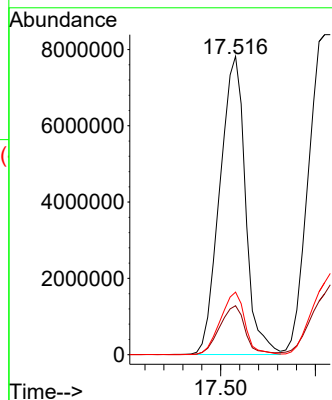
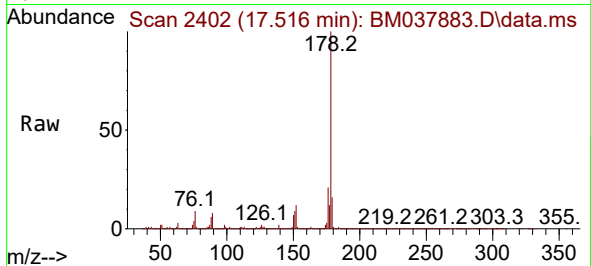




#72
Phenanthrene
Concen: 280.787 ng/ul
RT: 17.516 min Scan# 2402
Delta R.T. 0.018 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

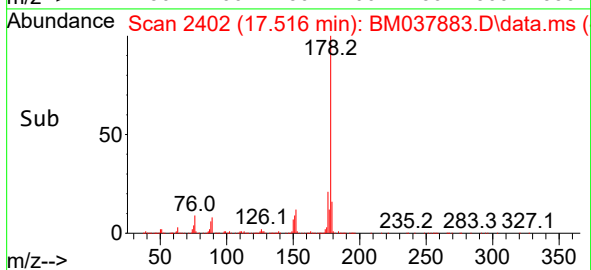
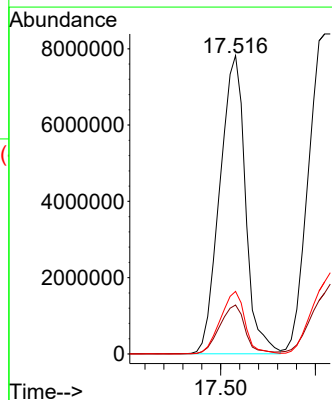
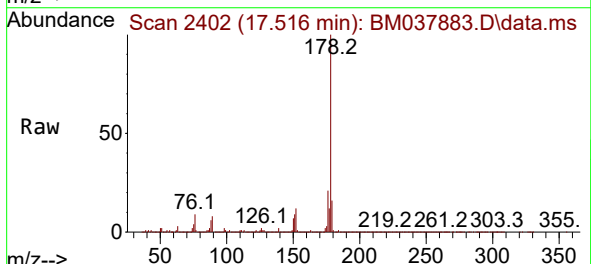
Instrument :
BNA_M
ClientSampleId :
DBXK9

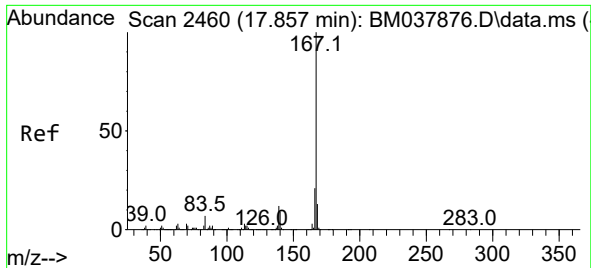
Tgt Ion:178 Resp:14687692
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.9 15.4 23.0



#74
Anthracene
Concen: 276.296 ng/ul
RT: 17.516 min Scan# 2402
Delta R.T. -0.076 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:178 Resp:14687692
Ion Ratio Lower Upper
178 100
179 16.4 11.8 17.8
176 20.9 15.0 22.6

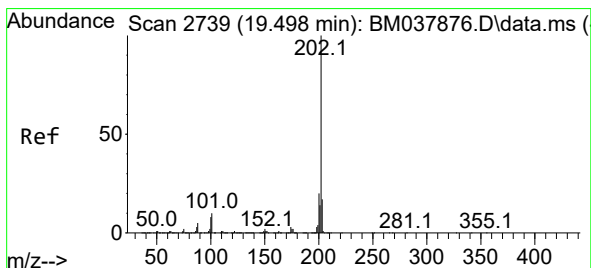
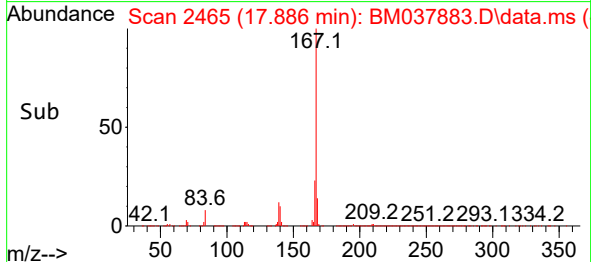
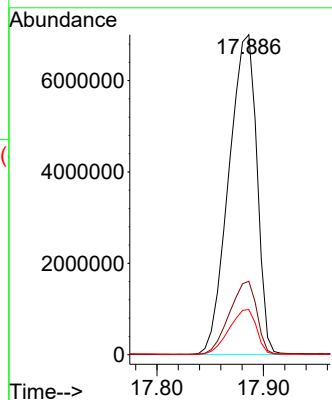
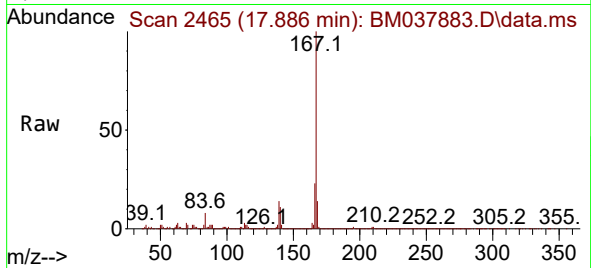




#77
 Carbazole
 Concen: 278.188 ng/ul
 RT: 17.886 min Scan# 2465
 Delta R.T. 0.030 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

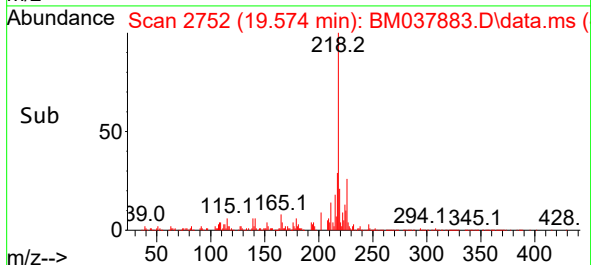
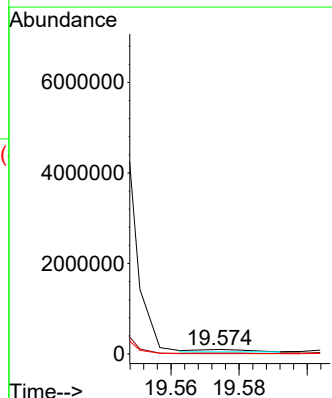
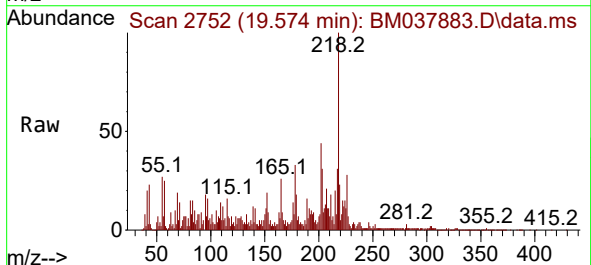
Instrument :
 BNA_M
 ClientSampleId :
 DBXK9

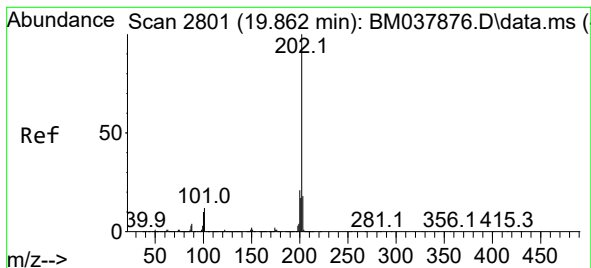
Tgt Ion:167 Resp:12812239
 Ion Ratio Lower Upper
 167 100
 166 23.0 16.7 25.1
 139 14.1 9.8 14.6



#80
 Fluoranthene
 Concen: 1.095 ng/ul
 RT: 19.574 min Scan# 2752
 Delta R.T. 0.071 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

Tgt Ion:202 Resp: 51866
 Ion Ratio Lower Upper
 202 100
 101 17.9 8.6 13.0#
 100 6.7 6.6 10.0





#82

Pyrene

Concen: 3.158 ng/ul

RT: 19.786 min Scan# 21

Delta R.T. -0.082 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

Instrument :

BNA_M

ClientSampleId :

DBXK9

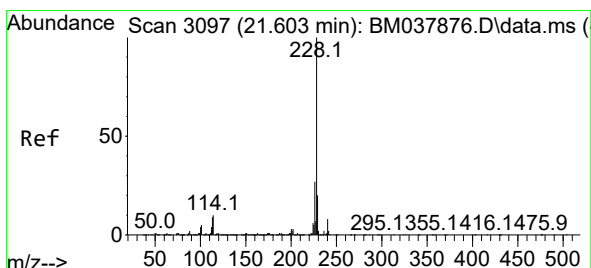
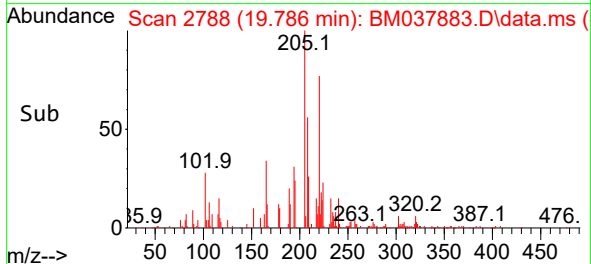
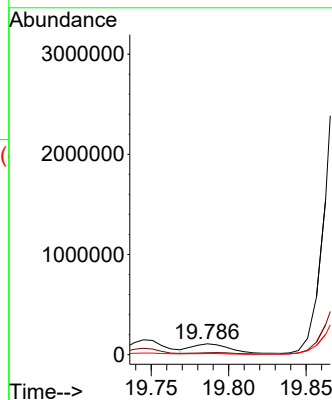
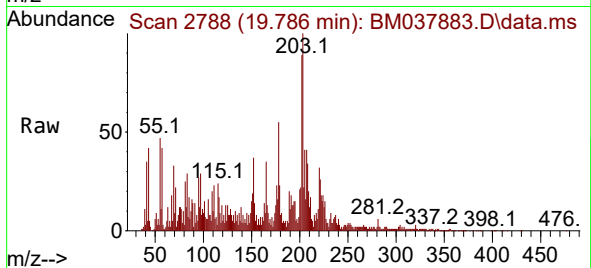
Tgt Ion:202 Resp: 155688

Ion Ratio Lower Upper

202 100

101 17.1 10.0 15.0#

100 10.5 7.9 11.9



#85

Benzo(a)anthracene

Concen: 250.727 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.024 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

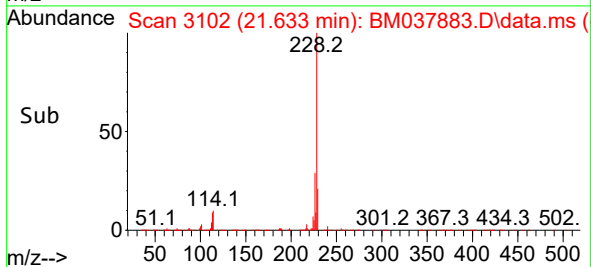
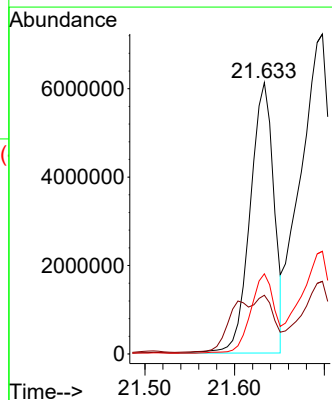
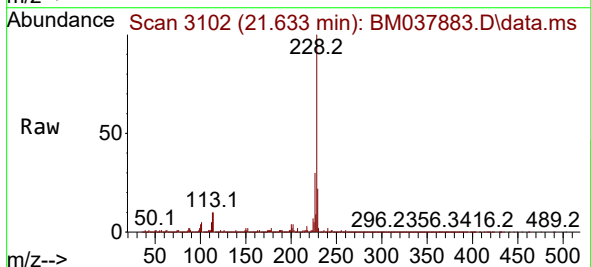
Tgt Ion:228 Resp:11277088

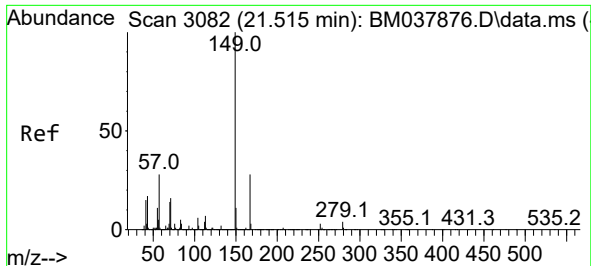
Ion Ratio Lower Upper

228 100

229 21.7 15.5 23.3

226 29.5 21.8 32.8

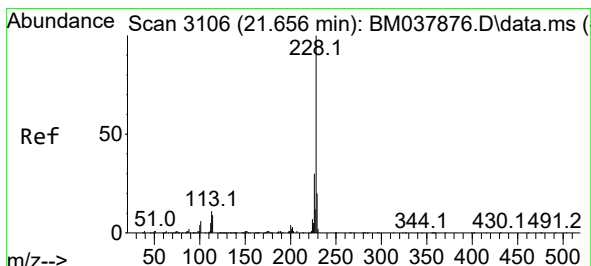
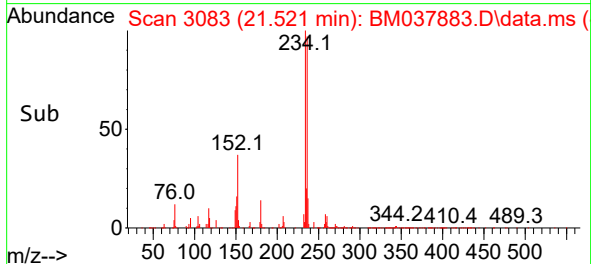
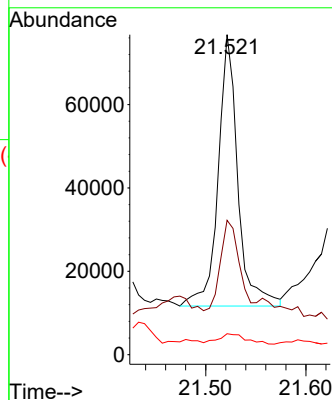
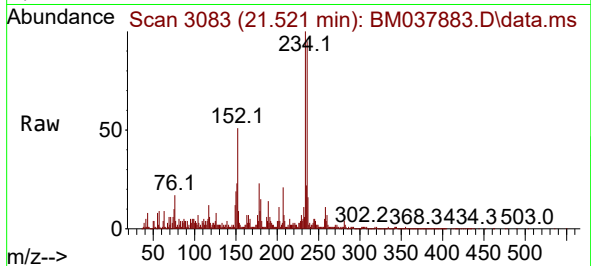




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.325 ng/ul
 RT: 21.521 min Scan# 3083
 Delta R.T. 0.006 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

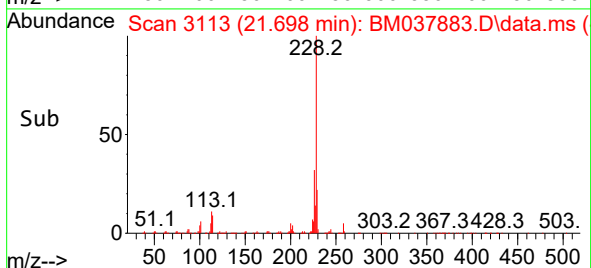
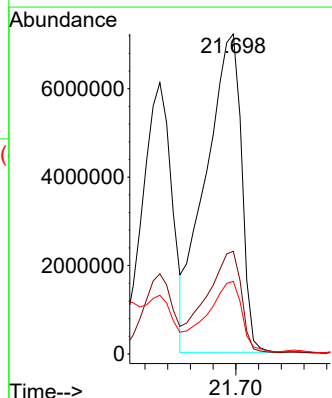
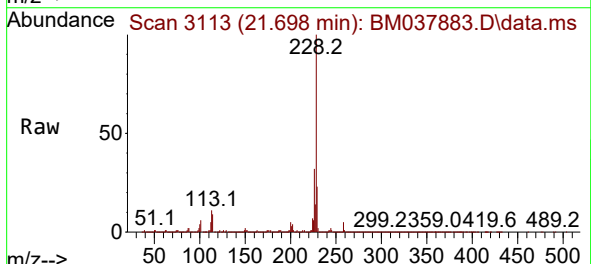
Instrument :
 BNA_M
 ClientSampleId :
 DBXK9

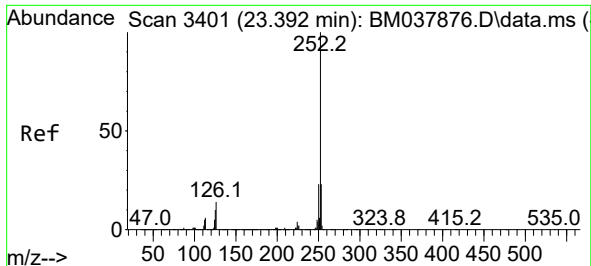
Tgt Ion:149 Resp: 88662
 Ion Ratio Lower Upper
 149 100
 167 42.0 21.5 32.3#
 279 6.5 3.2 4.8#



#87
 Chrysene
 Concen: 375.105 ng/ul
 RT: 21.698 min Scan# 3113
 Delta R.T. 0.036 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

Tgt Ion:228 Resp:15829482
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.3 36.5
 229 22.7 15.6 23.4

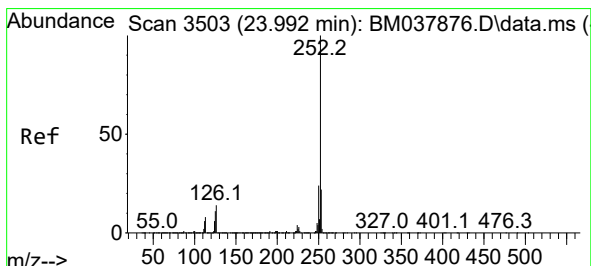
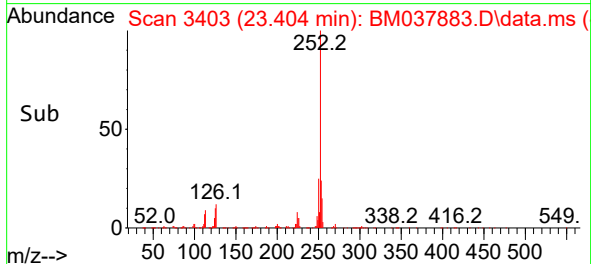
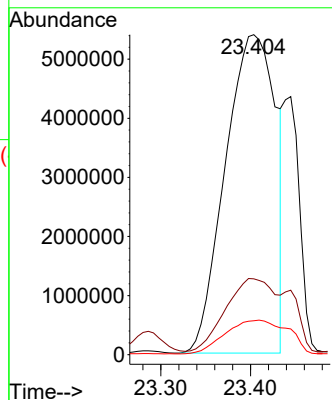
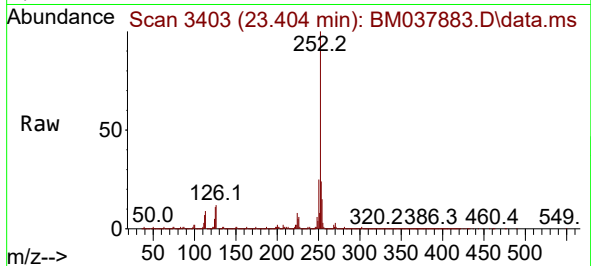




#91
Benzo(k)fluoranthene
Concen: 212.284 ng/uI
RT: 23.404 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

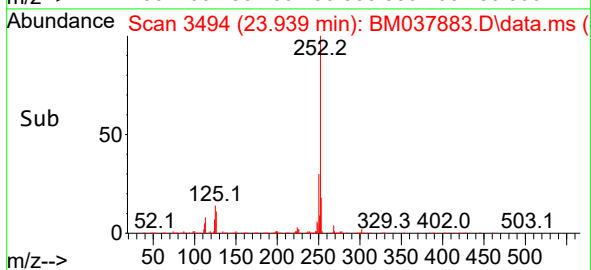
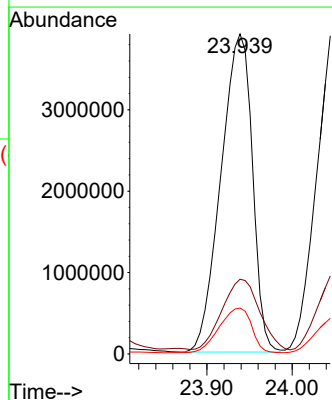
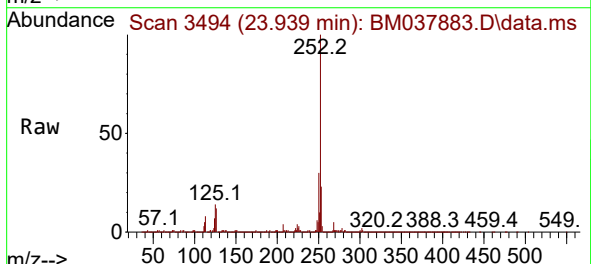
Instrument :
BNA_M
ClientSampleId :
DBXK9

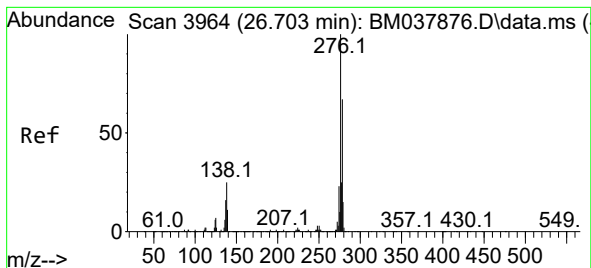
Tgt Ion:252 Resp:20969990
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.6 8.1 12.1



#93
Benzo(a)pyrene
Concen: 111.837 ng/uI
RT: 23.939 min Scan# 3494
Delta R.T. -0.058 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:252 Resp:10024198
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 14.3 9.4 14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.287 ng/ul

RT: 26.550 min Scan# 39

Delta R.T. -0.158 min

Lab File: BM037883.D

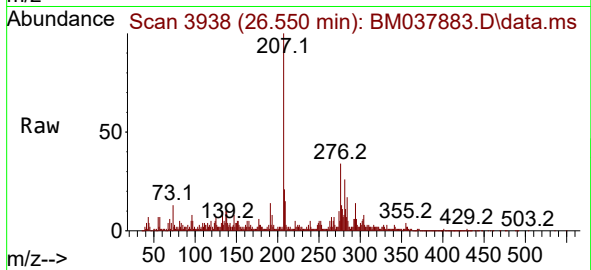
Acq: 08 Dec 2022 12:54

Instrument :

BNA_M

ClientSampleId :

DBXK9



Tgt Ion:276 Resp: 148624

Ion Ratio Lower Upper

276 100

138 30.7 19.3 28.9#

277 39.2 19.8 29.8#

