

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037825.D
 Acq On : 02 Dec 2022 12:43
 Operator : CG/JU
 Sample : N5738-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNJ1

Quant Time: Dec 02 21:47:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	208374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	975561	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	608964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.509	188	757626	20.000	ng/ul	# 0.05
79) Chrysene-d12	21.650	240	773886	20.000	ng/ul	0.02
88) Perylene-d12	24.133	264	783844	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	11940	2.688	ng/uL	0.00
4) Pyridine-d5	3.863	84	116	0.008	ng/ul	0.00
7) Phenol-d5	7.251	99	337902	17.999	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	192539	17.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	276836	19.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	283919	19.017	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	145838	18.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	160539	20.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	292106	19.642	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	76187	3.340	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	890400	21.293	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1057616	20.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	190651	21.966	ng/ul	0.02
60) Fluorene-d10	15.727	176	686831	18.104	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.886	200	32515	8.147	ng/ul	0.06
73) Anthracene-d10	17.604	188	735307	21.104	ng/ul	0.04
81) Pyrene-d10	19.874	212	768221	19.164	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.974	264	828666	21.103	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.928	105	38635	1.641	ng/ul	97
48) 2,6-Dinitrotoluene	14.274	165	27648	3.109	ng/ul#	31
50) Acenaphthylene	14.457	152	94389	1.674	ng/ul#	33
51) 3-Nitroaniline	14.639	138	16301	1.536	ng/ul#	30
55) 4-Nitrophenol	14.910	109	758138	141.708	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.357	232	521744	48.916	ng/ul#	73
59) Diethylphthalate	15.527	149	51732	1.158	ng/ul#	1
63) 4-Nitroaniline	15.804	138	17933	1.679	ng/ul#	13
66) 4,6-Dinitro-2-methylph...	15.857	198	58361	14.185	ng/ul#	1
67) N-Nitrosodiphenylamine	15.992	169	318850	14.604	ng/ul#	46
71) Pentachlorophenol	17.227	266	18981608	3399.302	ng/ul	98
72) Phenanthrene	17.551	178	1149951	28.006	ng/ul#	92
74) Anthracene	17.633	178	64785	1.547	ng/ul#	1
76) Pentachlorobenzene	15.051	250	13119	1.180	ng/uL	99
77) Carbazole	17.898	167	104228	2.704	ng/ul#	1
80) Fluoranthene	19.545	202	1475821	30.141	ng/ul	97
82) Pyrene	19.903	202	1954653	38.663	ng/ul	98
83) Butylbenzylphthalate	20.768	149	357304	16.209	ng/ul#	85
85) Benzo(a)anthracene	21.633	228	94171	1.902	ng/ul#	62
86) Bis(2-ethylhexyl)phtha...	21.533	149	884816	26.565	ng/ul	99
87) Chrysene	21.686	228	668910	14.513	ng/ul#	94
90) Benzo(b)fluoranthene	23.368	252	612438	12.166	ng/ul#	93
91) Benzo(k)fluoranthene	23.368	252	612438	12.612	ng/ul#	94
93) Benzo(a)pyrene	24.021	252	164557	3.770	ng/ul#	80

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QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

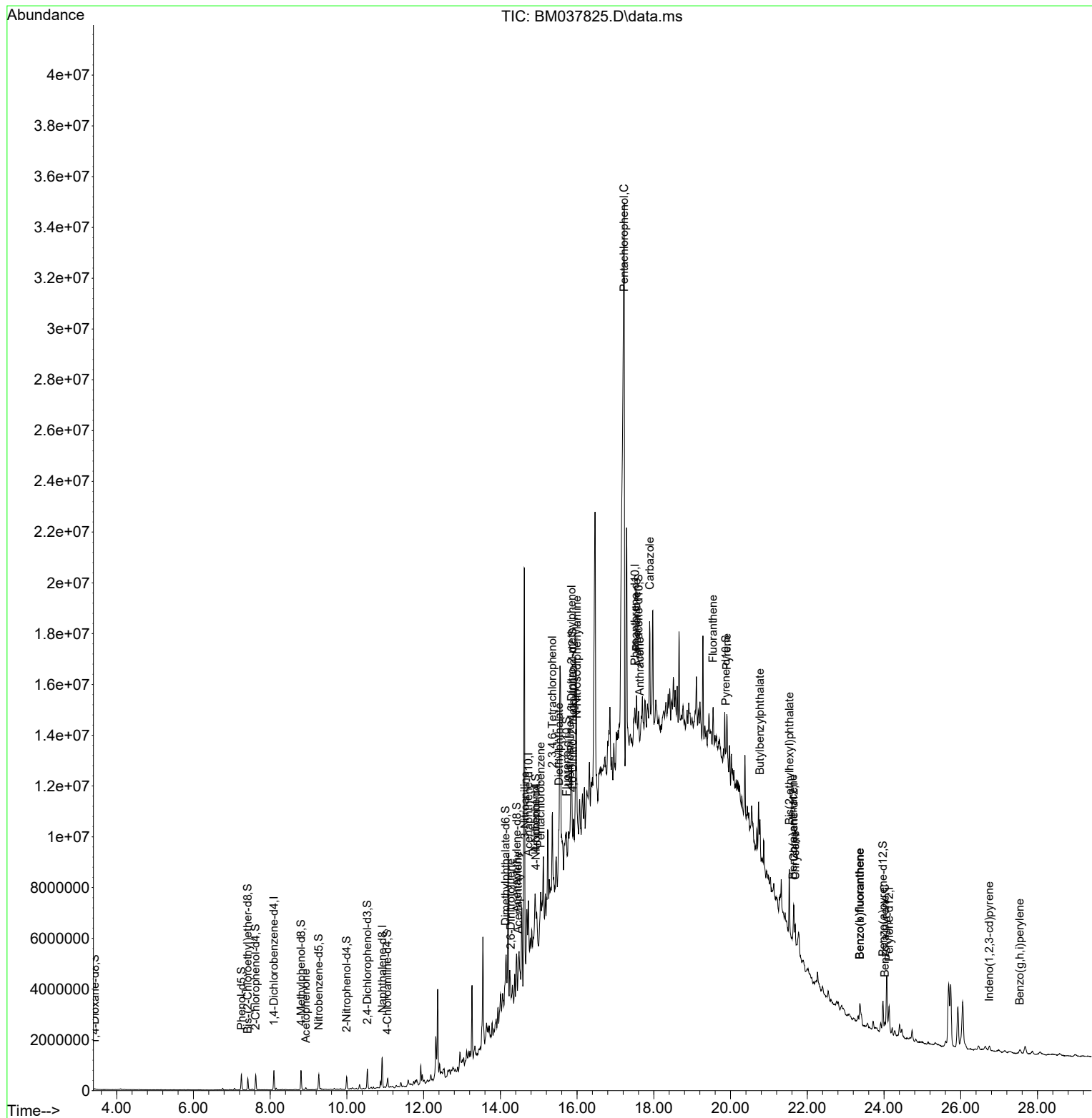
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	26.744	276	203157	4.140	ng/ul	94
96) Benzo(g,h,i)perylene	27.538	276	160600	3.750	ng/ul	97

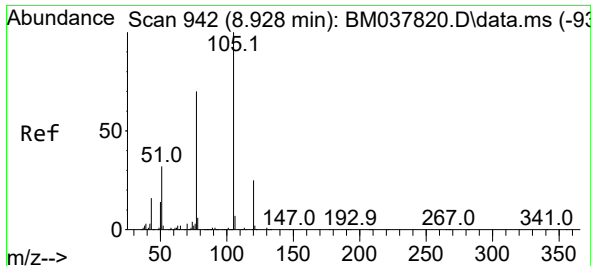
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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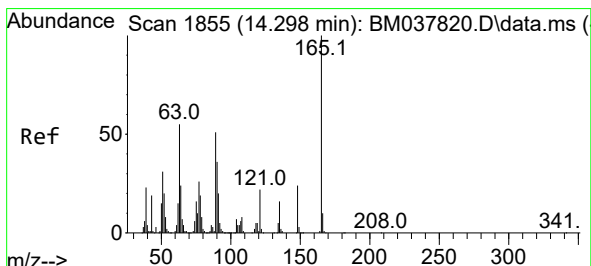
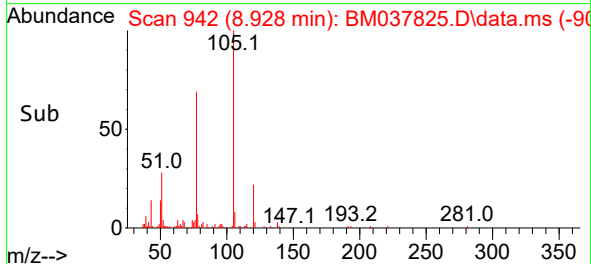
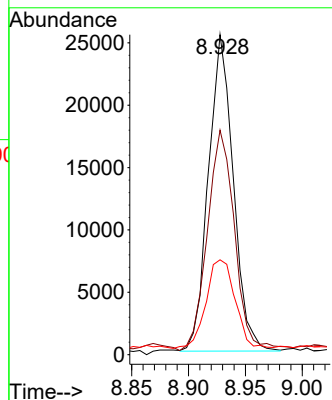
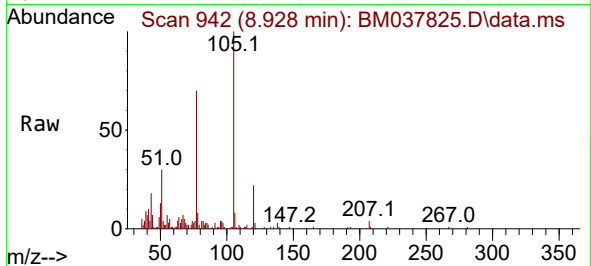




#16
Acetophenone
Concen: 1.641 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

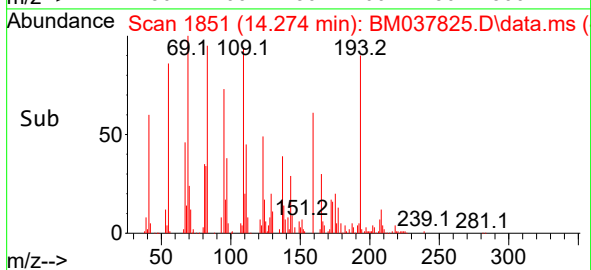
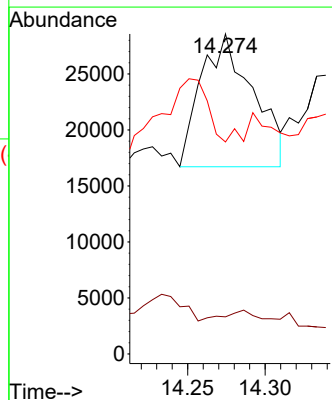
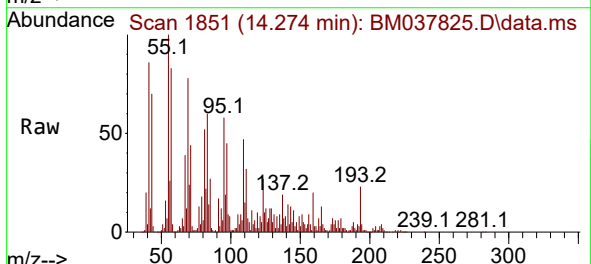
Instrument :
BNA_M
ClientSampleId :
GBNJ1

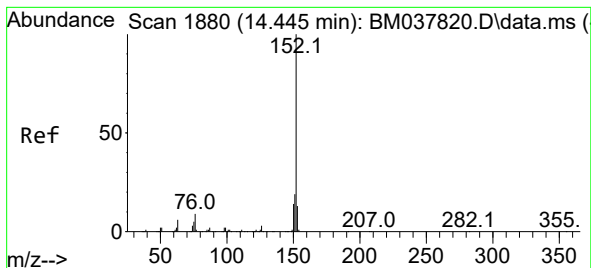
Tgt Ion:105 Resp: 38635
Ion Ratio Lower Upper
105 100
77 70.2 59.0 88.4
51 29.7 24.4 36.6



#48
2,6-Dinitrotoluene
Concen: 3.109 ng/ul
RT: 14.274 min Scan# 1851
Delta R.T. -0.024 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:165 Resp: 27648
Ion Ratio Lower Upper
165 100
89 11.6 40.6 60.8#
121 66.2 16.4 24.6#





#50

Acenaphthylene

Concen: 1.674 ng/ul

RT: 14.457 min Scan# 1882

Delta R.T. 0.005 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

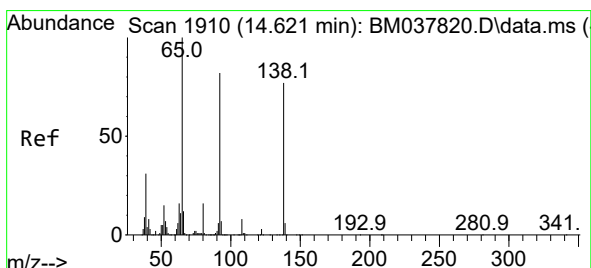
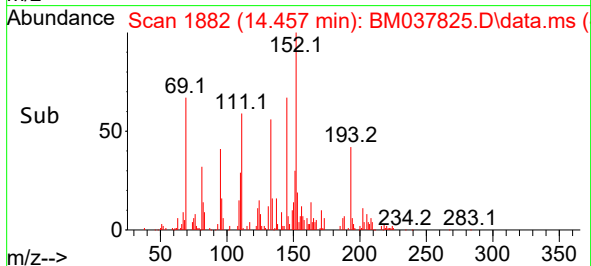
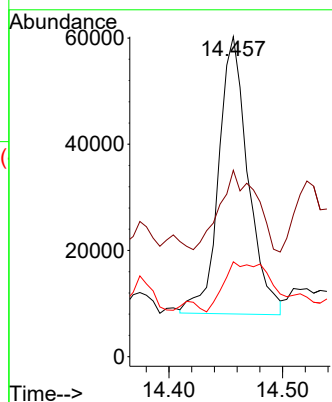
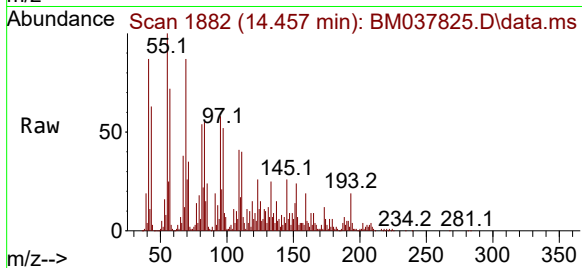
Tgt Ion:152 Resp: 94389

Ion Ratio Lower Upper

152 100

151 58.3 15.8 23.6#

153 29.7 10.6 15.8#



#51

3-Nitroaniline

Concen: 1.536 ng/ul

RT: 14.639 min Scan# 1913

Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

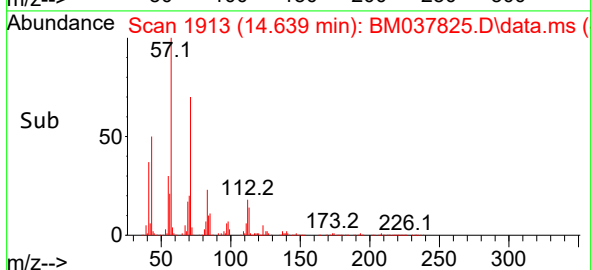
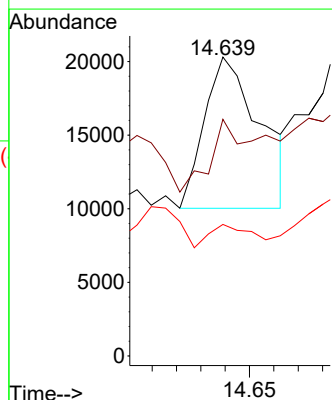
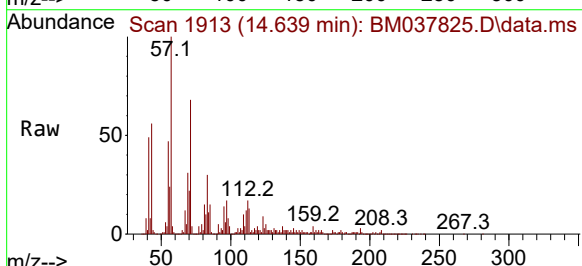
Tgt Ion:138 Resp: 16301

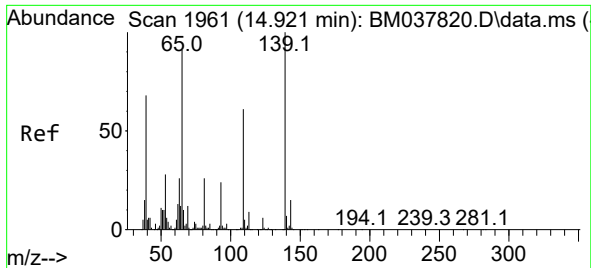
Ion Ratio Lower Upper

138 100

108 79.2 7.8 11.8#

92 44.0 83.8 125.6#

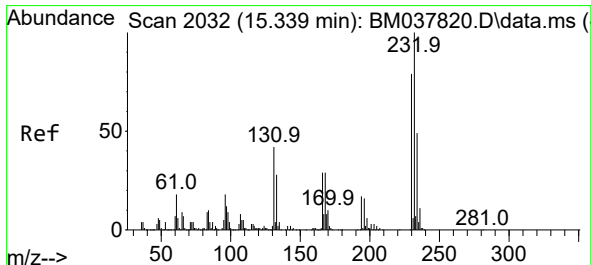
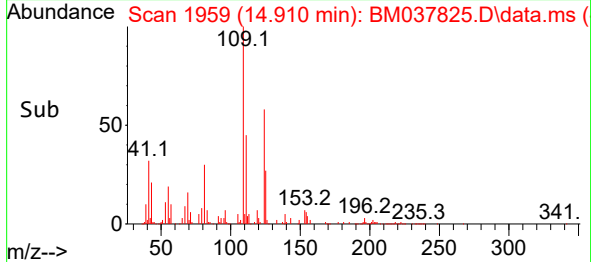
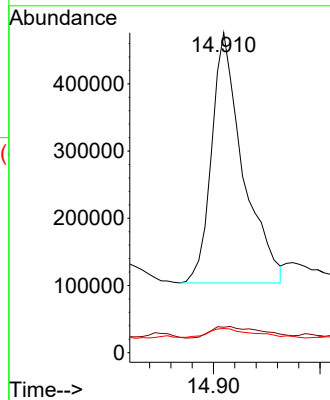
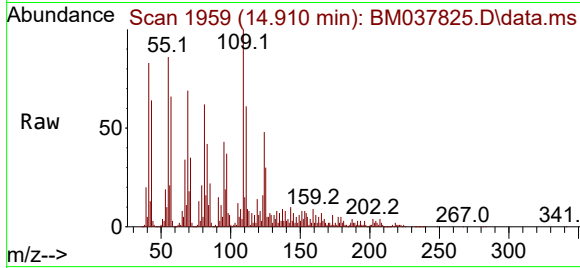




#55
4-Nitrophenol
Concen: 141.708 ng/ul
RT: 14.910 min Scan# 1959
Delta R.T. -0.018 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

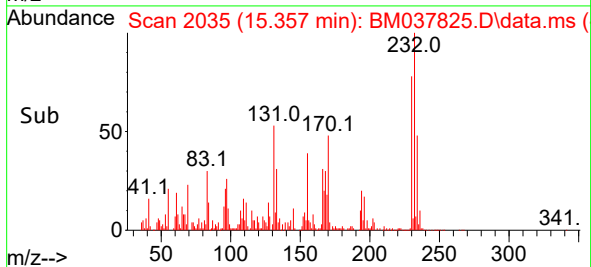
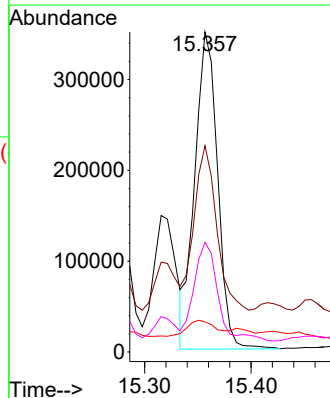
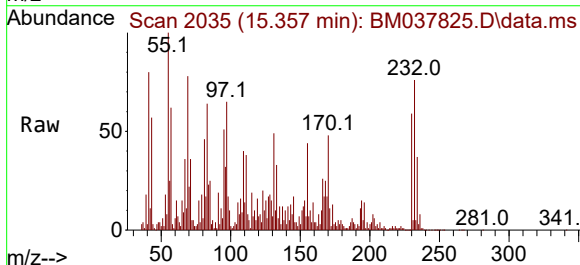
Instrument :
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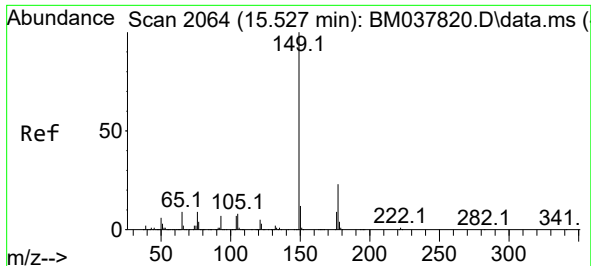
Tgt Ion:109 Resp: 758138
Ion Ratio Lower Upper
109 100
139 7.9 131.6 197.4#
65 7.6 109.4 164.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.916 ng/ul
RT: 15.357 min Scan# 2035
Delta R.T. 0.011 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:232 Resp: 521744
Ion Ratio Lower Upper
232 100
131 64.4 32.7 49.1#
130 9.4 1.8 2.6#
166 34.3 22.2 33.4#

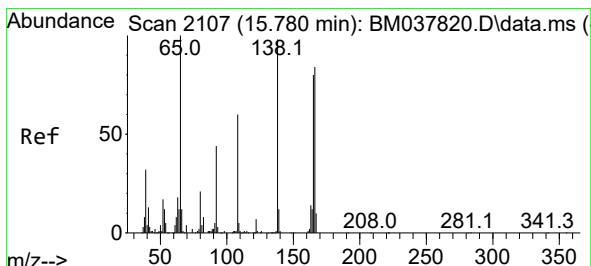
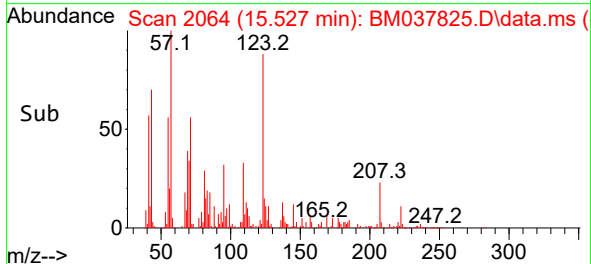
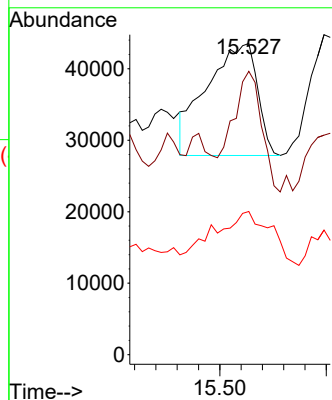
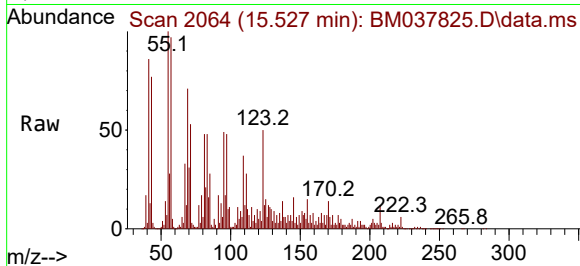




#59
Diethylphthalate
Concen: 1.158 ng/ul
RT: 15.527 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

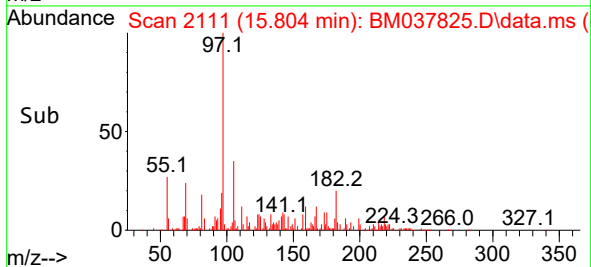
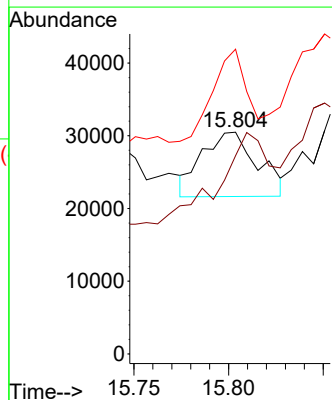
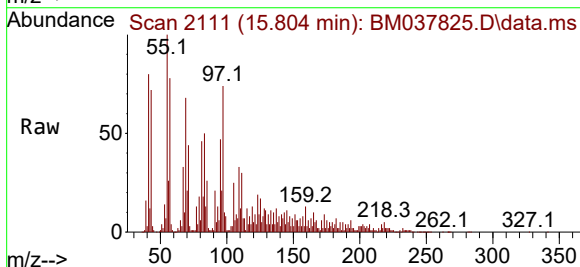
Instrument :
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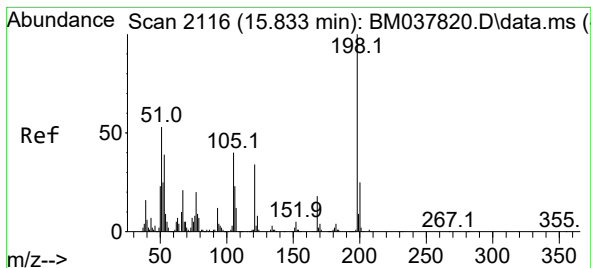
Tgt Ion:149 Resp: 51732
Ion Ratio Lower Upper
149 100
177 91.0 18.0 27.0#
150 46.0 9.8 14.8#



#63
4-Nitroaniline
Concen: 1.679 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. 0.017 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:138 Resp: 17933
Ion Ratio Lower Upper
138 100
92 89.4 36.6 54.8#
108 137.5 48.2 72.2#

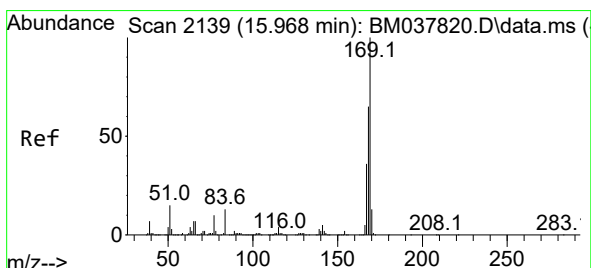
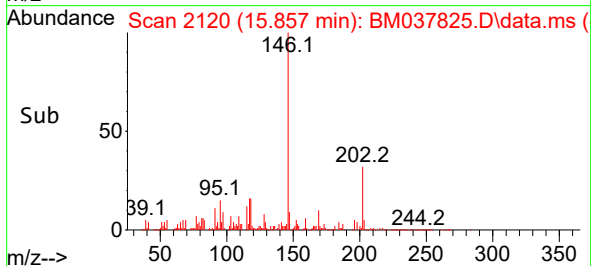
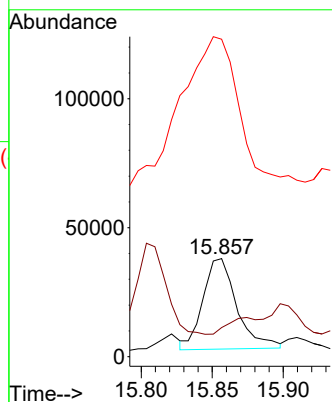
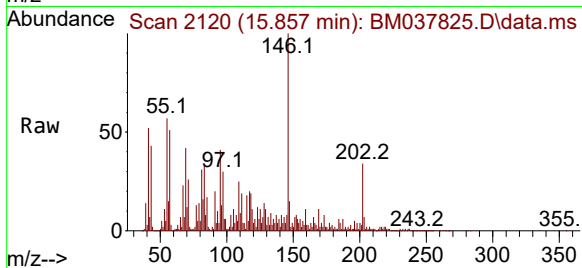




#66
4,6-Dinitro-2-methylphenol
Concen: 14.185 ng/ul
RT: 15.857 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

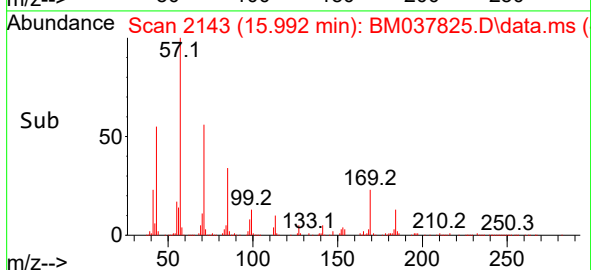
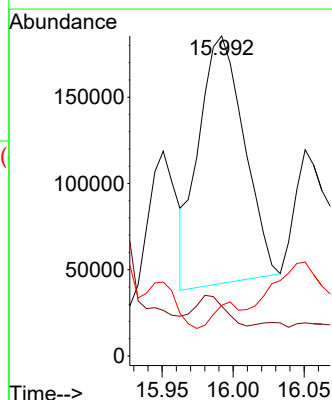
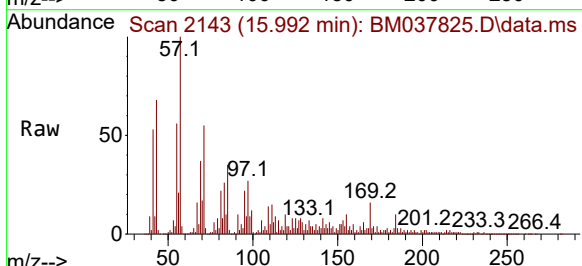
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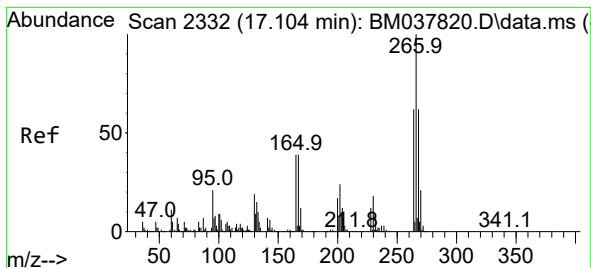
Tgt Ion:198 Resp: 58361
Ion Ratio Lower Upper
198 100
182 29.7 2.9 4.3#
77 323.5 17.5 26.3#



#67
N-Nitrosodiphenylamine
Concen: 14.604 ng/ul
RT: 15.992 min Scan# 2143
Delta R.T. 0.023 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:169 Resp: 318850
Ion Ratio Lower Upper
169 100
168 15.6 53.8 80.6#
167 15.8 29.5 44.3#





#71

Pentachlorophenol

Concen: 3399.302 ng/ul

RT: 17.227 min Scan# 21

Delta R.T. 0.117 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

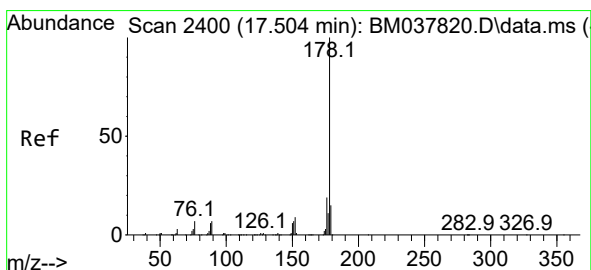
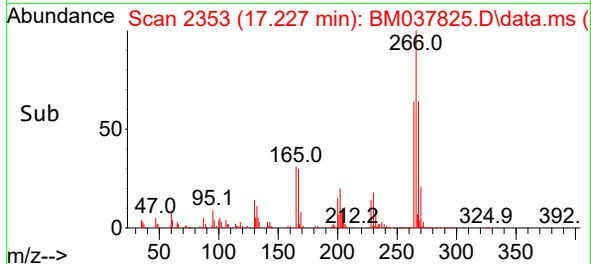
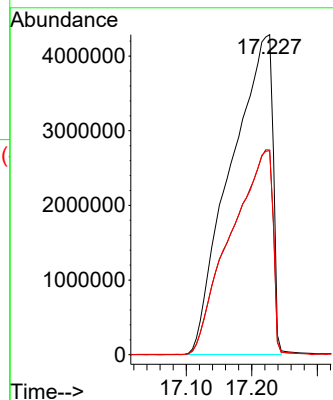
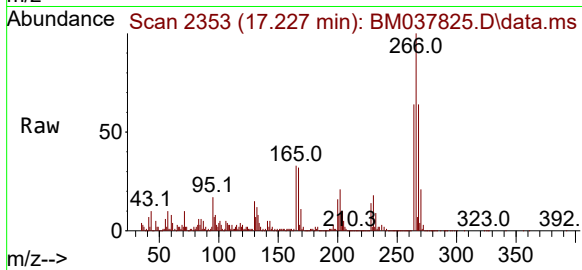
Tgt Ion:266 Resp:18981608

Ion Ratio Lower Upper

266 100

264 63.9 50.3 75.5

268 63.8 52.2 78.2



#72

Phenanthrene

Concen: 28.006 ng/ul

RT: 17.551 min Scan# 2408

Delta R.T. 0.047 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

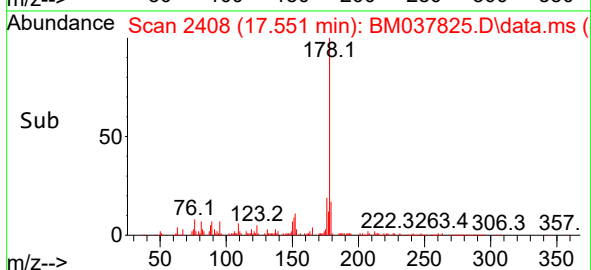
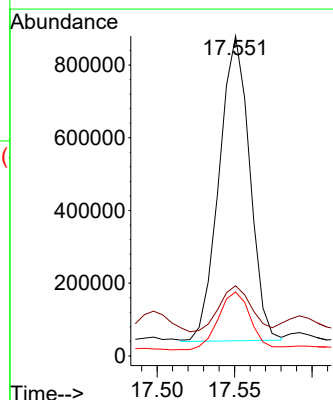
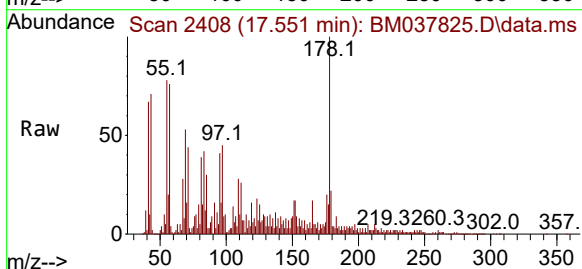
Tgt Ion:178 Resp: 1149951

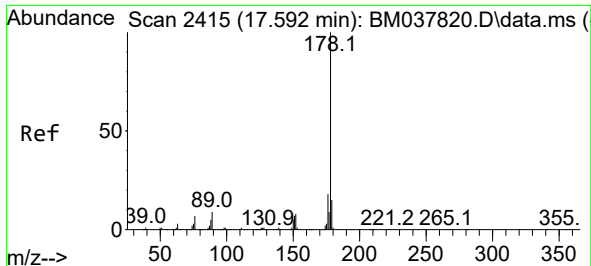
Ion Ratio Lower Upper

178 100

179 22.0 12.5 18.7#

176 20.0 15.3 22.9

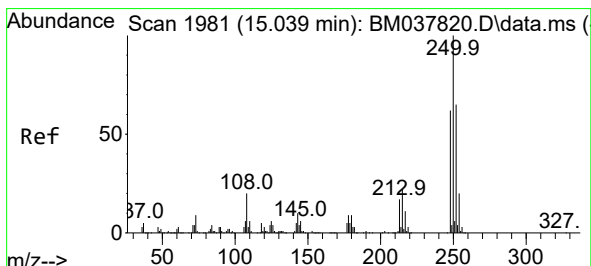
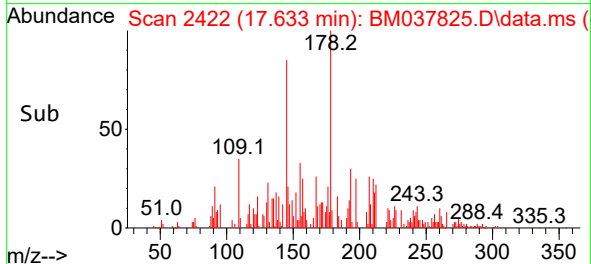
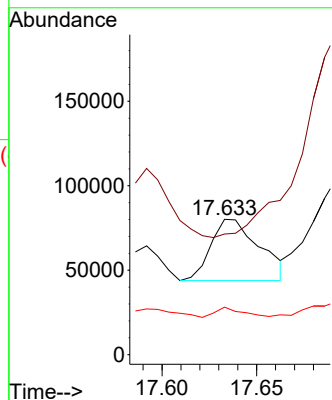
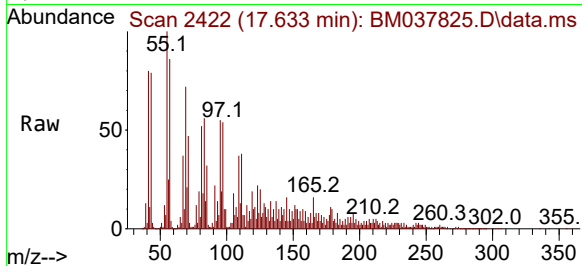




#74
 Anthracene
 Concen: 1.547 ng/ul
 RT: 17.633 min Scan# 2415
 Delta R.T. 0.035 min
 Lab File: BM037825.D
 Acq: 02 Dec 2022 12:43

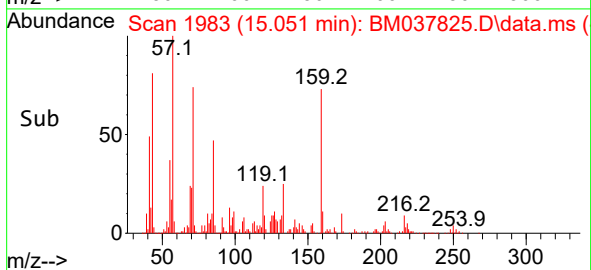
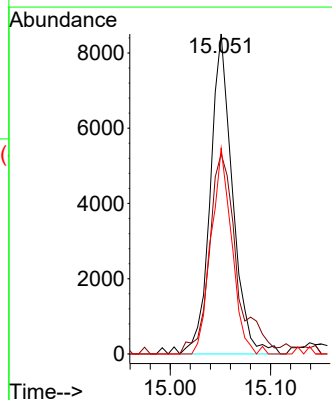
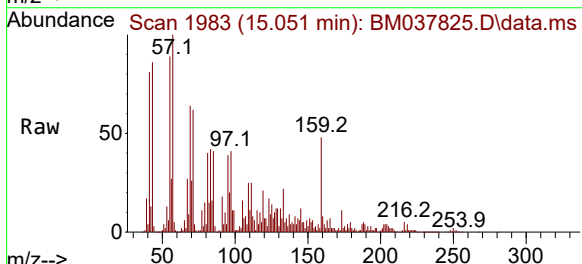
Instrument :
 BNA_M
 ClientSampleId :
 GBNJ1

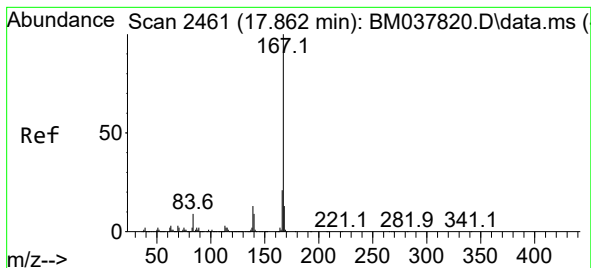
Tgt Ion:178 Resp: 64785
 Ion Ratio Lower Upper
 178 100
 179 89.1 12.2 18.4#
 176 35.1 14.8 22.2#



#76
 Pentachlorobenzene
 Concen: 1.180 ng/uL
 RT: 15.051 min Scan# 1983
 Delta R.T. 0.011 min
 Lab File: BM037825.D
 Acq: 02 Dec 2022 12:43

Tgt Ion:250 Resp: 13119
 Ion Ratio Lower Upper
 250 100
 248 62.6 50.5 75.7
 252 64.3 51.1 76.7





#77

Carbazole

Concen: 2.704 ng/ul

RT: 17.898 min Scan# 2467

Delta R.T. 0.035 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

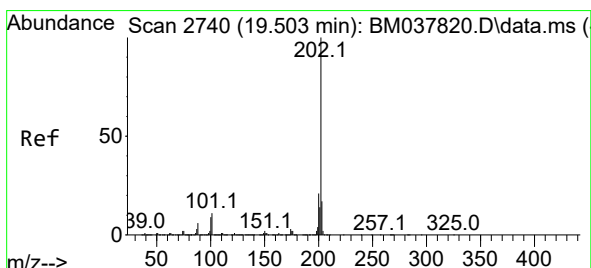
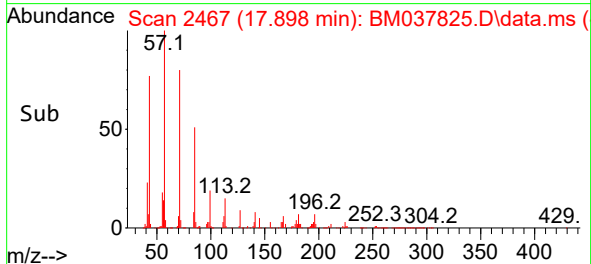
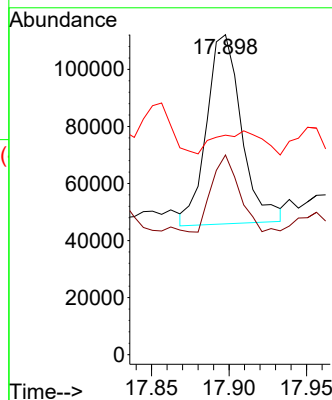
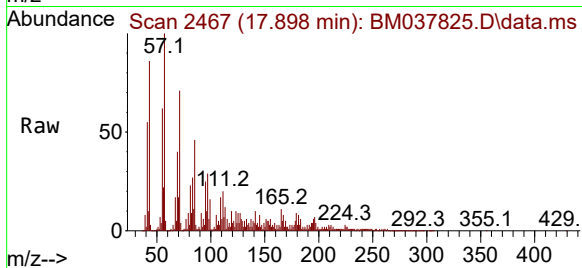
Tgt Ion:167 Resp: 104228

Ion Ratio Lower Upper

167 100

166 62.4 17.2 25.8#

139 68.6 10.0 15.0#



#80

Fluoranthene

Concen: 30.141 ng/ul

RT: 19.545 min Scan# 2747

Delta R.T. 0.035 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

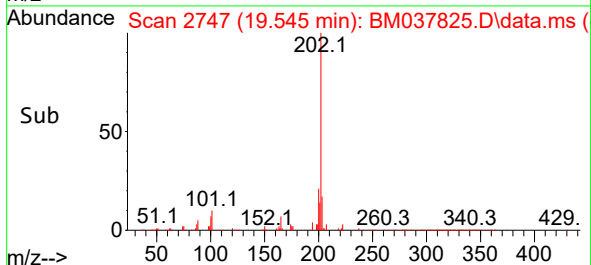
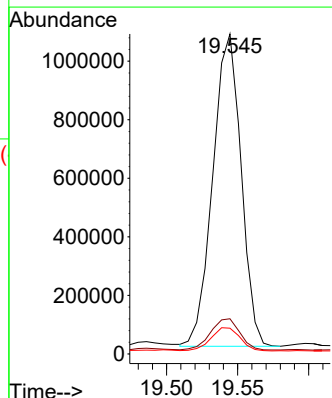
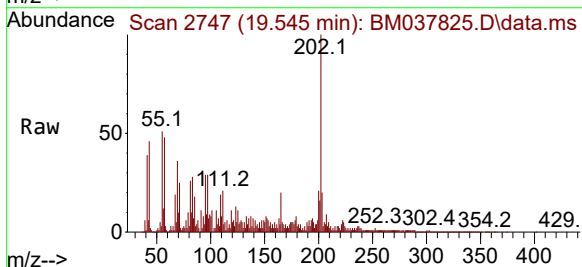
Tgt Ion:202 Resp: 1475821

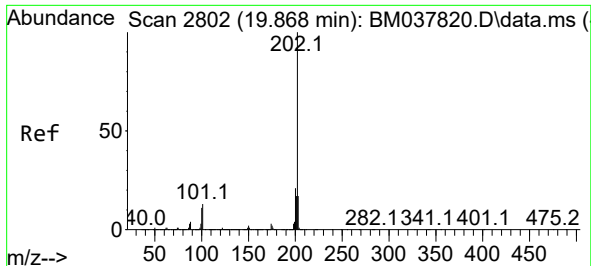
Ion Ratio Lower Upper

202 100

101 11.0 9.7 14.5

100 8.1 7.7 11.5

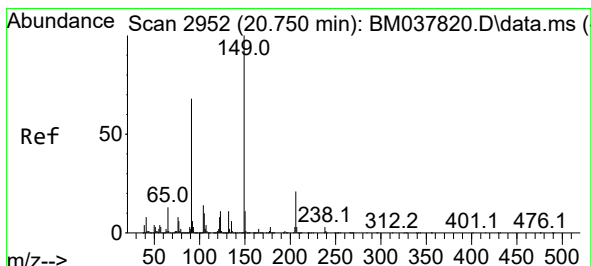
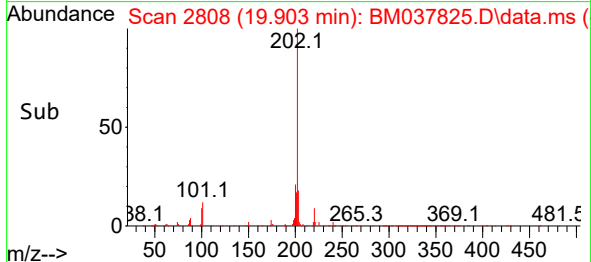
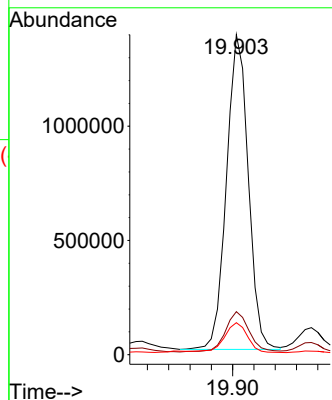
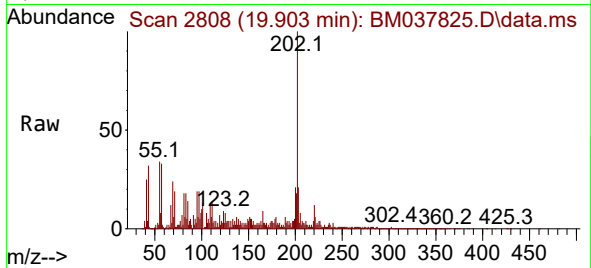




#82
 Pyrene
 Concen: 38.663 ng/ul
 RT: 19.903 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BM037825.D
 Acq: 02 Dec 2022 12:43

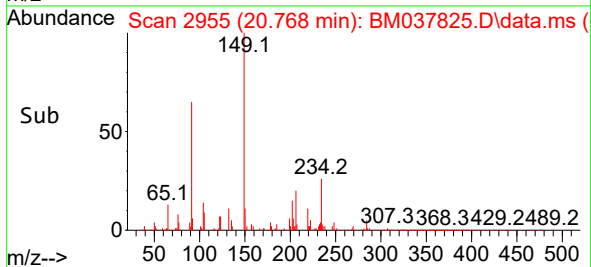
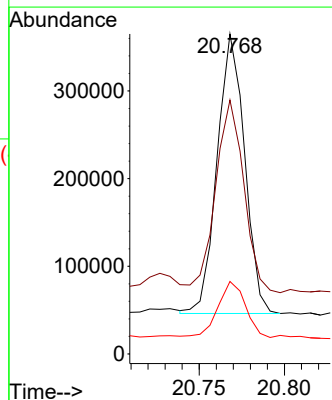
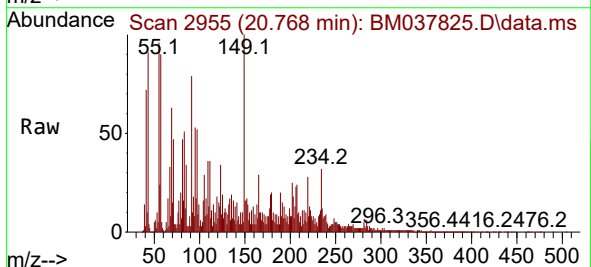
Instrument :
 BNA_M
 ClientSampleId :
 GBNJ1

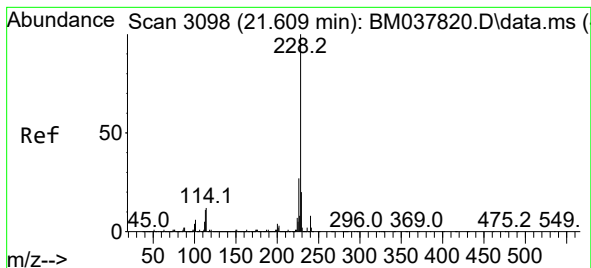
Tgt Ion:202 Resp: 1954653
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.0 16.4
 100 10.0 9.0 13.6



#83
 Butylbenzylphthalate
 Concen: 16.209 ng/ul
 RT: 20.768 min Scan# 2955
 Delta R.T. 0.011 min
 Lab File: BM037825.D
 Acq: 02 Dec 2022 12:43

Tgt Ion:149 Resp: 357304
 Ion Ratio Lower Upper
 149 100
 91 79.3 51.7 77.5#
 206 22.7 17.1 25.7





#85

Benzo(a)anthracene

Concen: 1.902 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.017 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

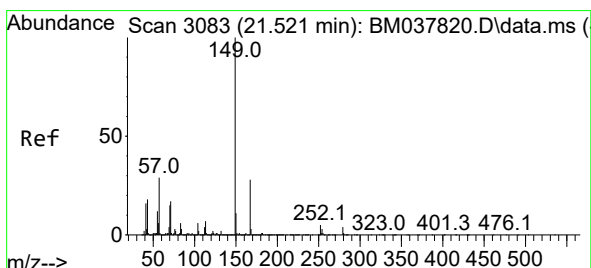
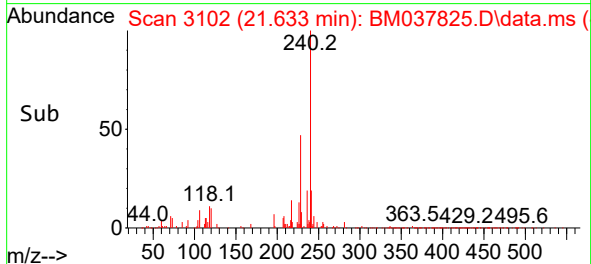
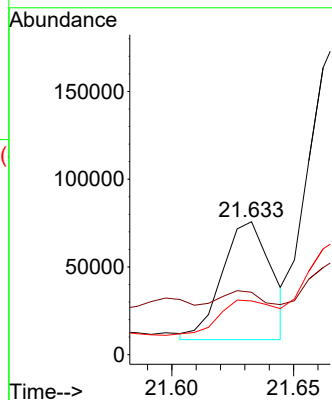
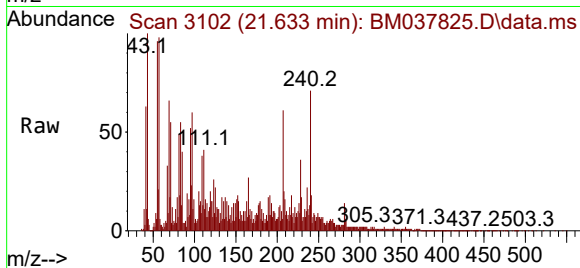
Tgt Ion:228 Resp: 94171

Ion Ratio Lower Upper

228 100

229 46.9 16.2 24.2#

226 40.4 22.3 33.5#



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.565 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. 0.005 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

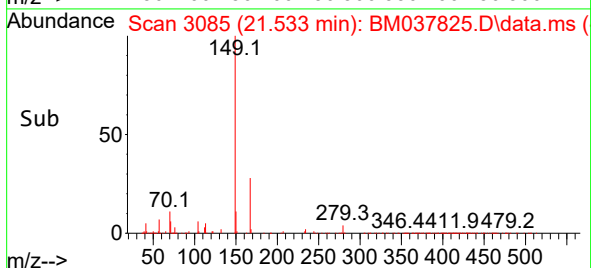
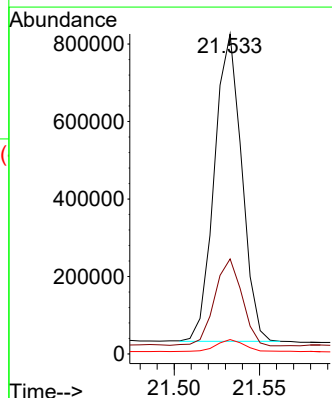
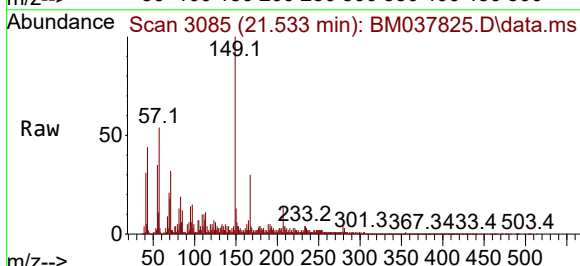
Tgt Ion:149 Resp: 884816

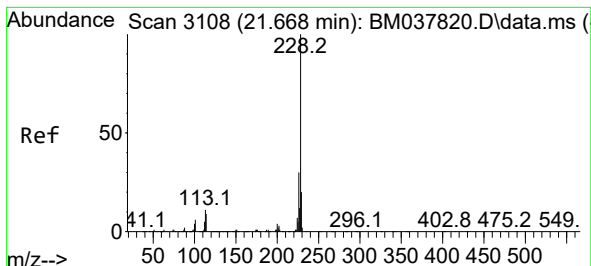
Ion Ratio Lower Upper

149 100

167 29.7 23.3 34.9

279 4.5 3.6 5.4





#87

Chrysene

Concen: 14.513 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

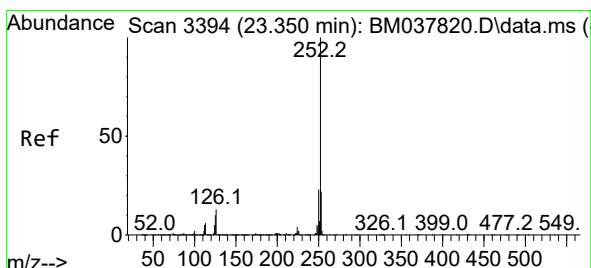
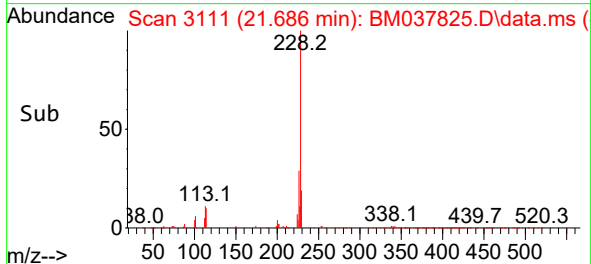
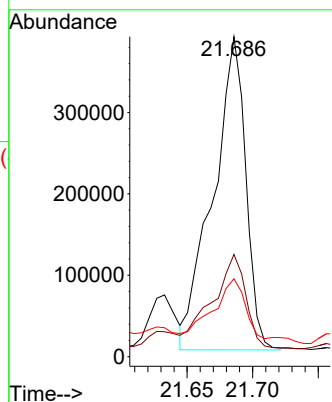
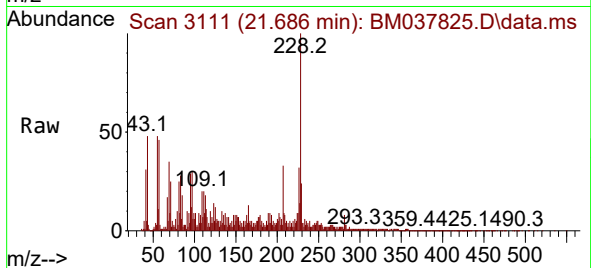
Tgt Ion:228 Resp: 668910

Ion Ratio Lower Upper

228 100

226 31.9 24.2 36.2

229 24.4 15.8 23.6#



#90

Benzo(b)fluoranthene

Concen: 12.166 ng/ul

RT: 23.368 min Scan# 3397

Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

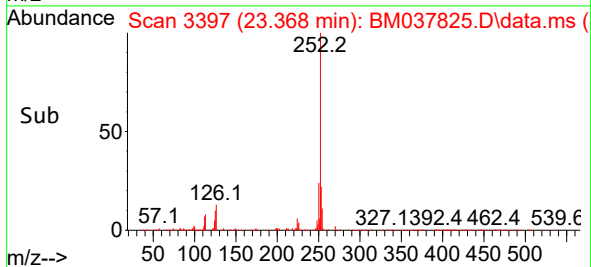
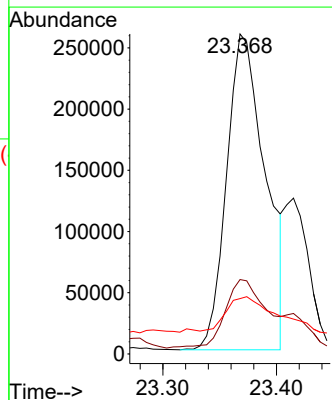
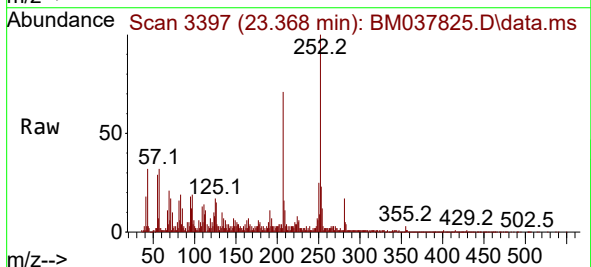
Tgt Ion:252 Resp: 612438

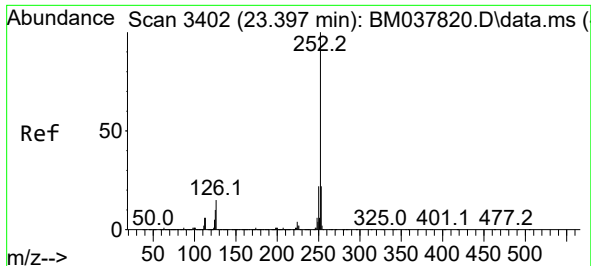
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 17.3 9.3 13.9#

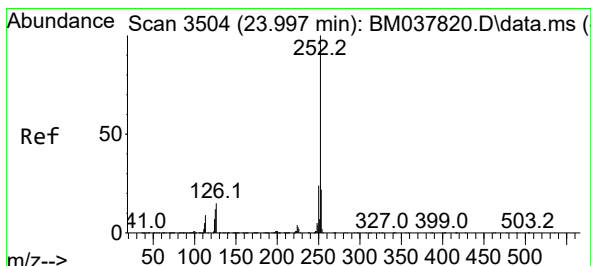
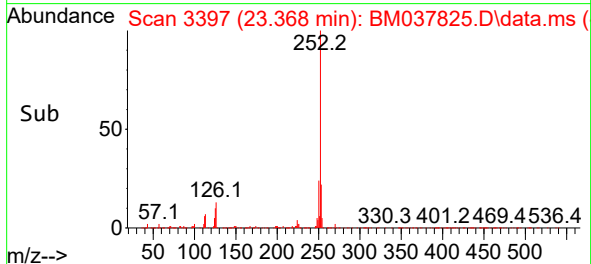
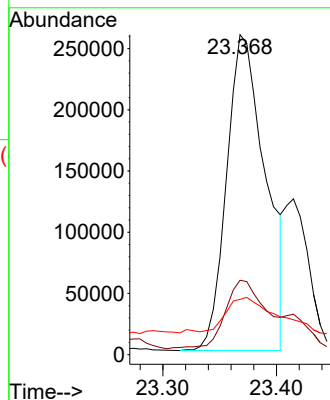
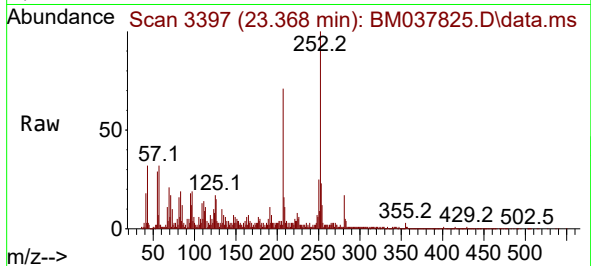




#91
Benzo(k)fluoranthene
Concen: 12.612 ng/ul
RT: 23.368 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

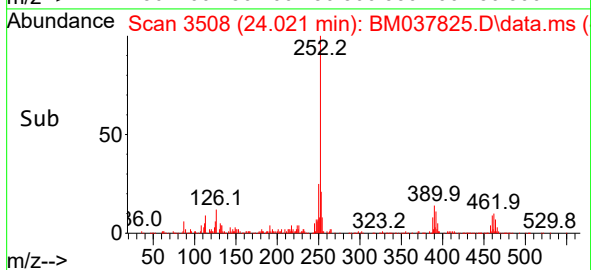
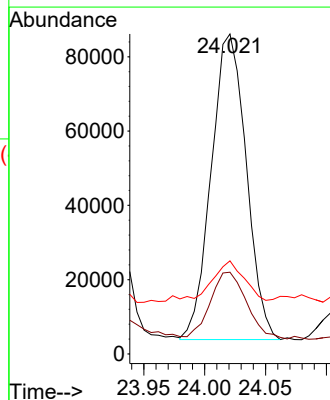
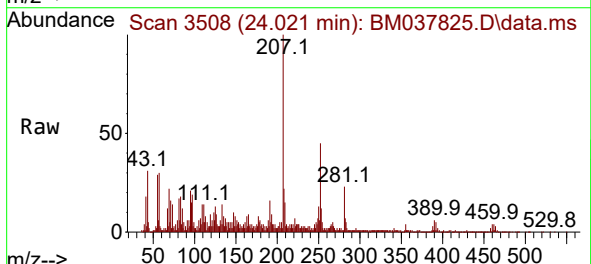
Instrument :
BNA_M
ClientSampleId :
GBNJ1

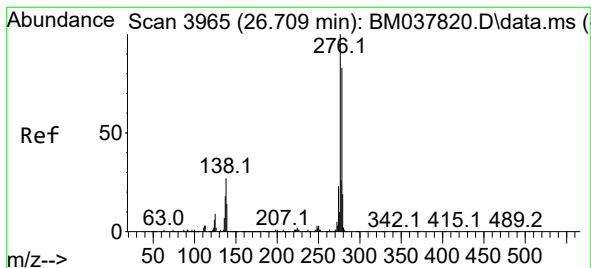
Tgt Ion:252 Resp: 612438
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 17.3 9.3 13.9#



#93
Benzo(a)pyrene
Concen: 3.770 ng/ul
RT: 24.021 min Scan# 3508
Delta R.T. 0.011 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:252 Resp: 164557
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 29.1 10.2 15.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.140 ng/ul

RT: 26.744 min Scan# 3965

Delta R.T. 0.023 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

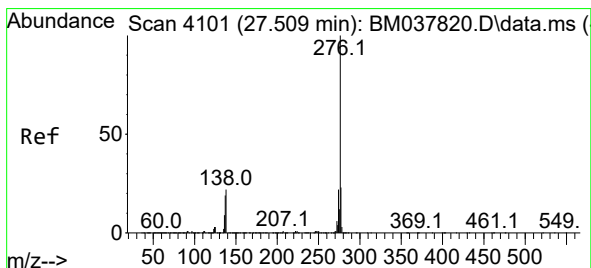
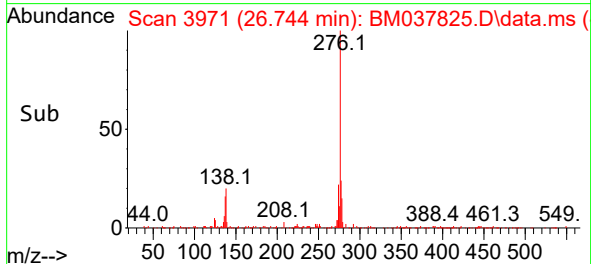
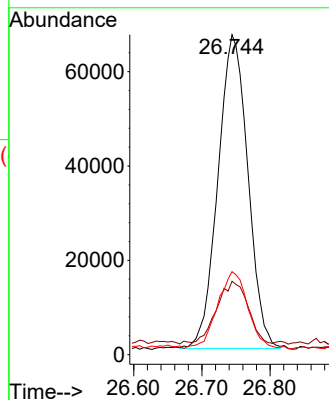
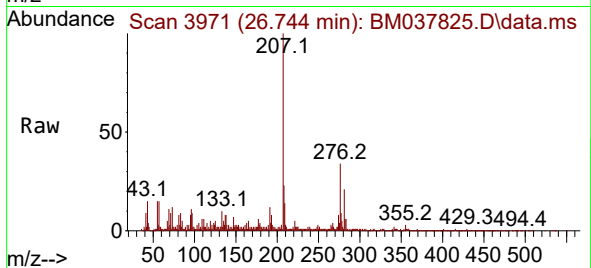
Tgt Ion:276 Resp: 203157

Ion Ratio Lower Upper

276 100

138 22.9 22.7 34.1

277 26.0 20.1 30.1



#96

Benzo(g,h,i)perylene

Concen: 3.750 ng/ul

RT: 27.538 min Scan# 4106

Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Tgt Ion:276 Resp: 160600

Ion Ratio Lower Upper

276 100

138 25.6 19.2 28.8

277 25.1 19.1 28.7

