

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037826.D
 Acq On : 02 Dec 2022 13:20
 Operator : CG/JU
 Sample : N5738-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNJ3

Quant Time: Dec 02 21:47:46 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	200146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	960448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	656457	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1392171	20.000	ng/ul	0.00
79) Chrysene-d12	21.644	240	923726	20.000	ng/ul	0.01
88) Perylene-d12	24.133	264	829079	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	13959	3.272	ng/uL	0.00
4) Pyridine-d5	3.887	84	60613	4.393	ng/ul	0.02
7) Phenol-d5	7.251	99	410436	22.762	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	229698	21.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	324949	23.834	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	328330	22.896	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	172986	22.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	190826	24.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	355054	24.250	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	67407	3.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	1113387	24.699	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	1335486	24.360	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	195019	20.843	ng/ul	0.00
60) Fluorene-d10	15.715	176	1047460	25.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	133937	18.263	ng/ul	0.00
73) Anthracene-d10	17.568	188	1578912	24.662	ng/ul	0.00
81) Pyrene-d10	19.856	212	1493815	31.220	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.974	264	1019193	24.539	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.928	105	62606	2.768	ng/ul	97
50) Acenaphthylene	14.451	152	483509	7.955	ng/ul	99
55) 4-Nitrophenol	14.904	109	6736	1.168	ng/ul#	16
58) 2,3,4,6-Tetrachlorophenol	15.262	232	59230	5.151	ng/ul	97
61) Fluorene	15.768	166	48098	1.008	ng/ul#	93
71) Pentachlorophenol	17.145	266	5651174	550.754	ng/ul	99
72) Phenanthrene	17.515	178	6157139	81.604	ng/ul	98
74) Anthracene	17.604	178	368039	4.782	ng/ul	98
77) Carbazole	17.868	167	1431131	20.204	ng/ul	99
80) Fluoranthene	19.527	202	10593234	181.253	ng/ul	97
82) Pyrene	19.892	202	8028704	133.045	ng/ul	98
83) Butylbenzylphthalate	20.762	149	515476	19.592	ng/ul	96
85) Benzo(a)anthracene	21.627	228	1116665	18.894	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	159871	4.021	ng/ul#	90
87) Chrysene	21.686	228	4118783	74.868	ng/ul	99
90) Benzo(b)fluoranthene	23.380	252	4446780	83.518	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	4446780	86.576	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1420057	30.756	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.750	276	1614718	31.107	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.756	278	300206	6.354	ng/ul#	82
96) Benzo(g,h,i)perylene	27.556	276	1270979	28.057	ng/ul	98

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

Instrument :

BNA_M

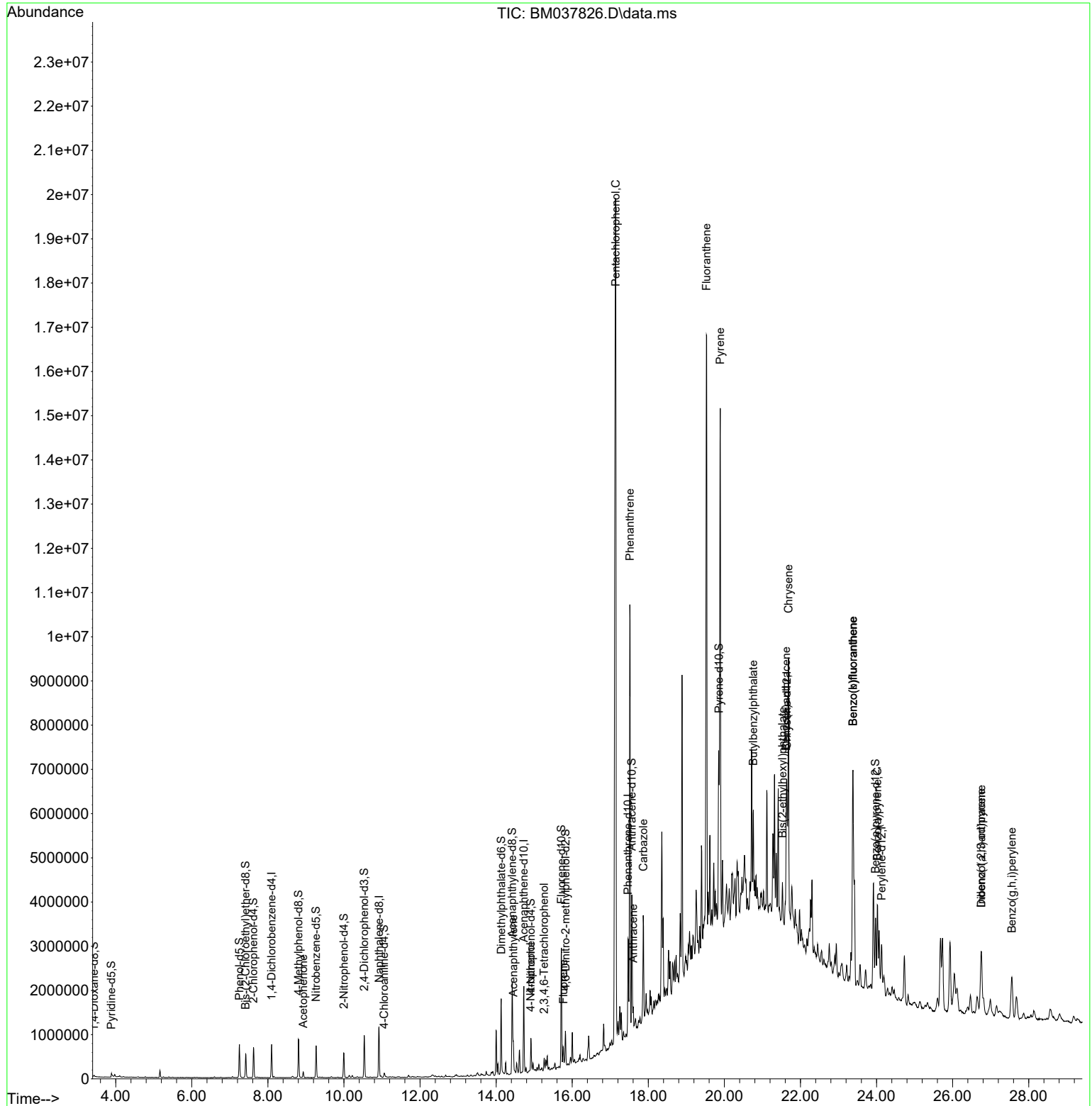
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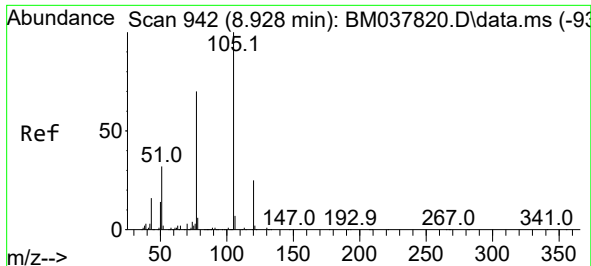
GBNJ3

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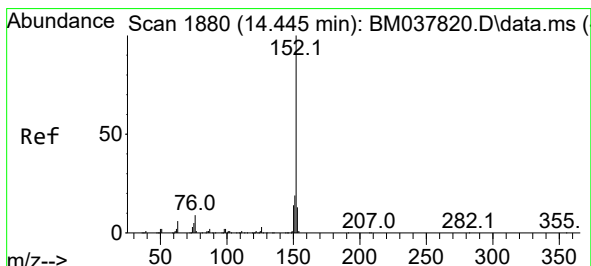
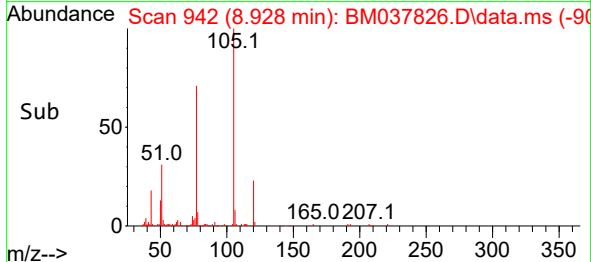
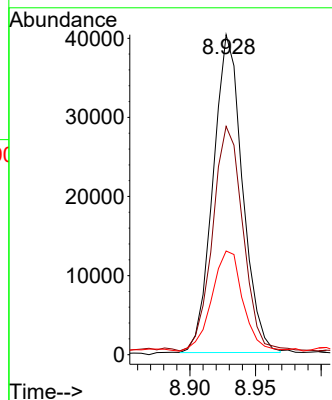
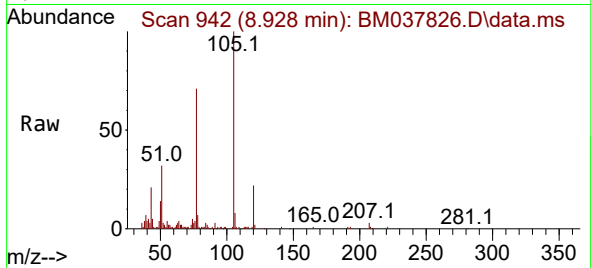




#16
Acetophenone
Concen: 2.768 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

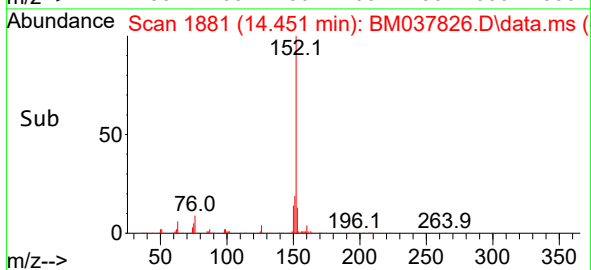
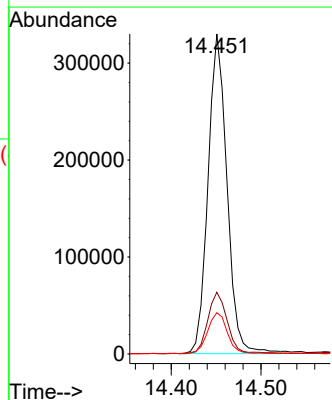
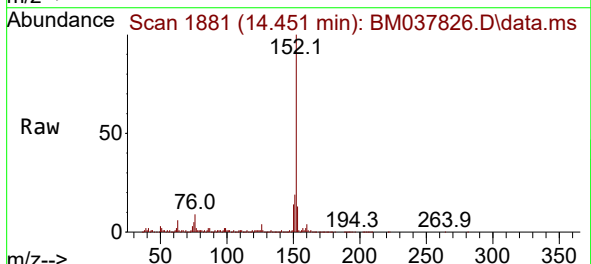
Instrument :
BNA_M
ClientSampleId :
GBNJ3

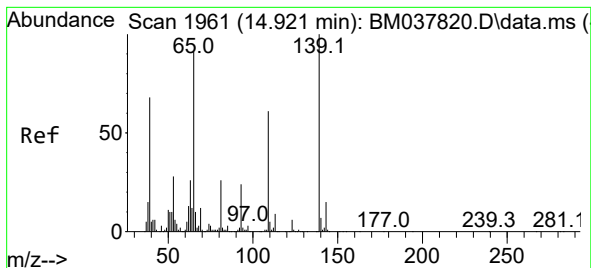
Tgt Ion:105 Resp: 62606
Ion Ratio Lower Upper
105 100
77 71.3 59.0 88.4
51 32.4 24.4 36.6



#50
Acenaphthylene
Concen: 7.955 ng/ul
RT: 14.451 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

Tgt Ion:152 Resp: 483509
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.9 10.6 15.8

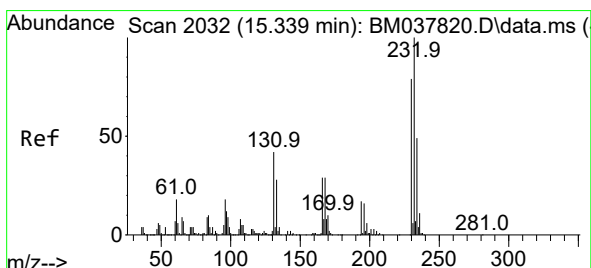
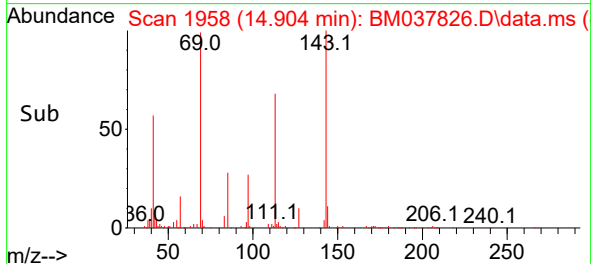
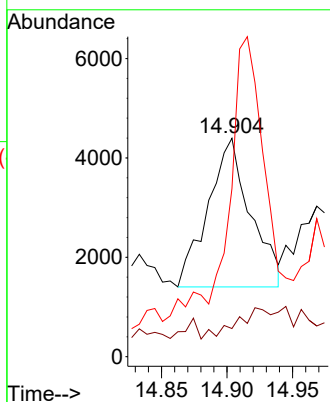
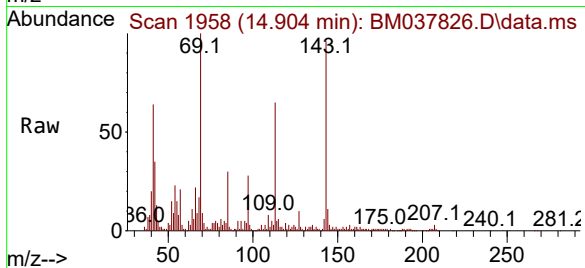




#55
4-Nitrophenol
Concen: 1.168 ng/ul
RT: 14.904 min Scan# 1961
Delta R.T. -0.024 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

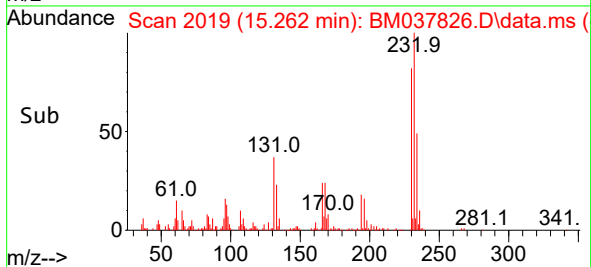
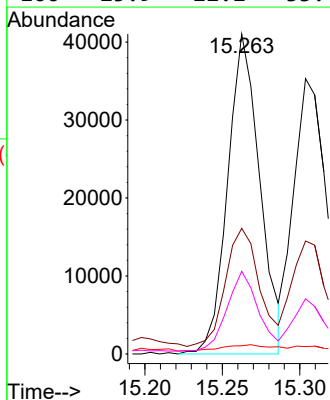
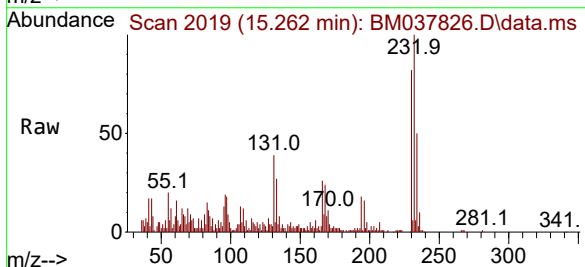
Instrument :
BNA_M
ClientSampleId :
GBNJ3

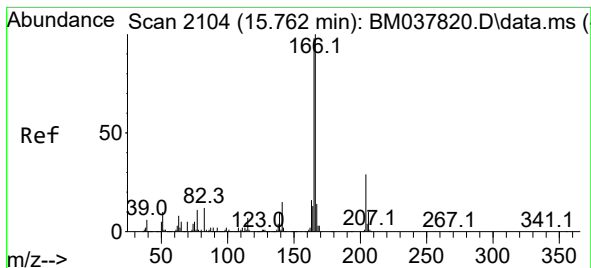
Tgt Ion:109 Resp: 6736
Ion Ratio Lower Upper
109 100
139 12.9 131.6 197.4#
65 77.0 109.4 164.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 5.151 ng/ul
RT: 15.262 min Scan# 2019
Delta R.T. -0.083 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

Tgt Ion:232 Resp: 59230
Ion Ratio Lower Upper
232 100
131 39.2 32.7 49.1
130 2.6 1.8 2.6
166 25.9 22.2 33.4





#61

Fluorene

Concen: 1.008 ng/ul

RT: 15.768 min Scan# 2104

Delta R.T. -0.000 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

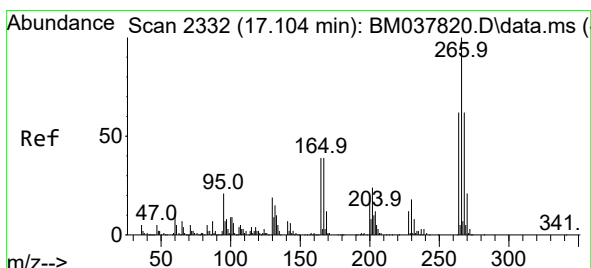
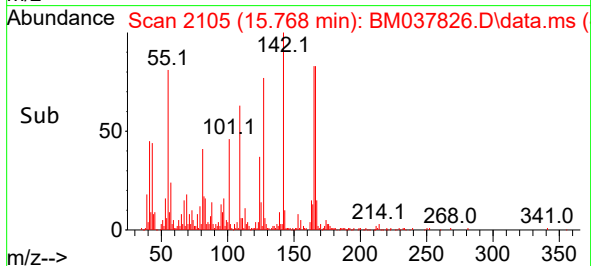
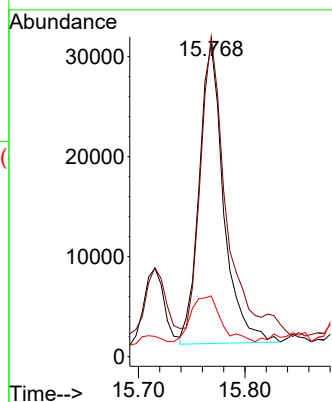
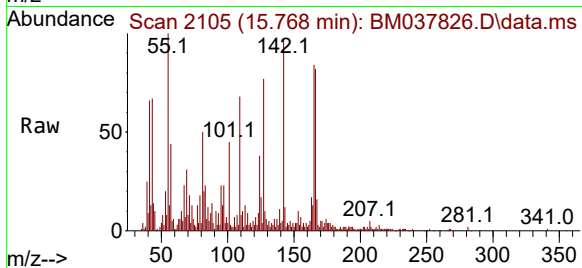
Tgt Ion:166 Resp: 48098

Ion Ratio Lower Upper

166 100

165 102.5 77.0 115.6

167 19.5 10.5 15.7#



#71

Pentachlorophenol

Concen: 550.754 ng/ul

RT: 17.145 min Scan# 2339

Delta R.T. 0.035 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

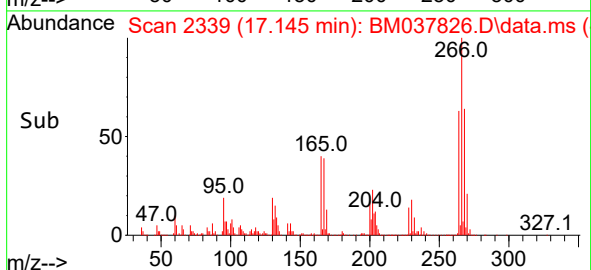
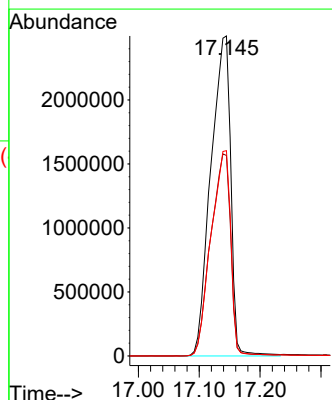
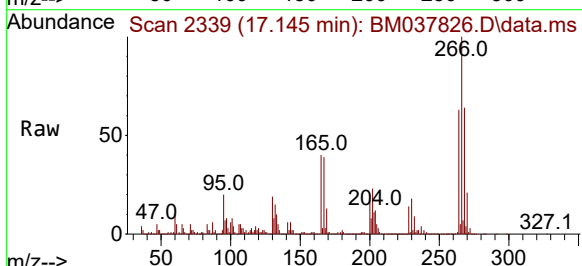
Tgt Ion:266 Resp: 5651174

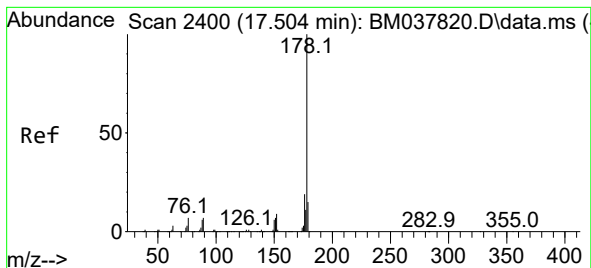
Ion Ratio Lower Upper

266 100

264 62.6 50.3 75.5

268 64.2 52.2 78.2





#72

Phenanthrene

Concen: 81.604 ng/uI

RT: 17.515 min Scan# 2411

Delta R.T. 0.011 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

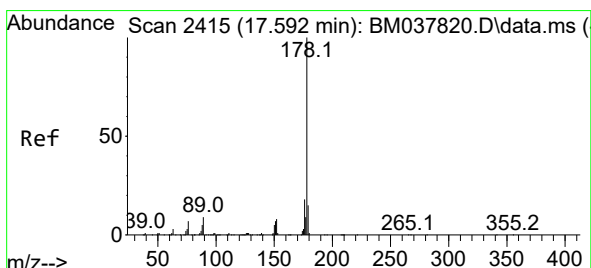
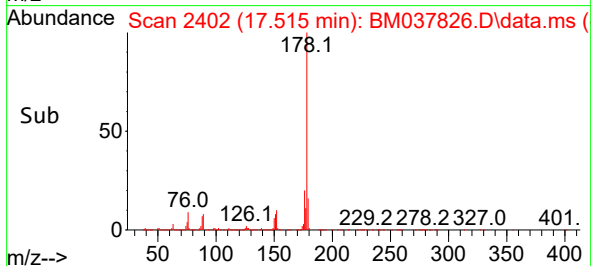
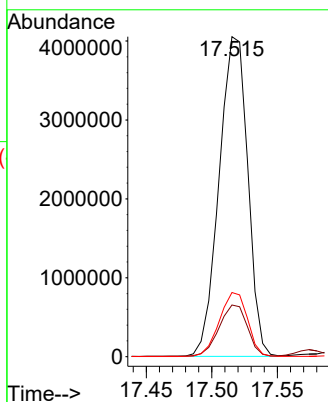
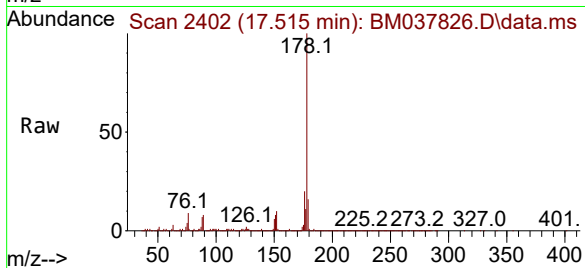
Tgt Ion:178 Resp: 6157139

Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 20.0 15.3 22.9



#74

Anthracene

Concen: 4.782 ng/uI

RT: 17.604 min Scan# 2417

Delta R.T. 0.005 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

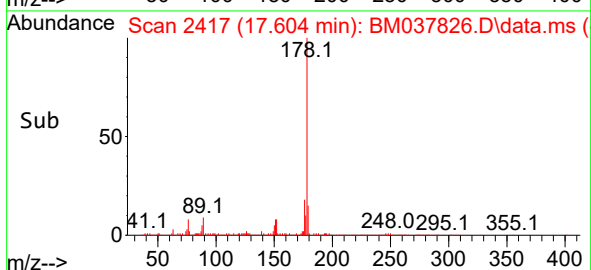
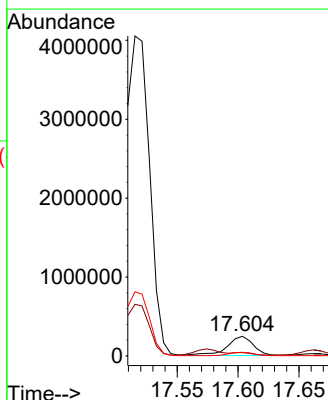
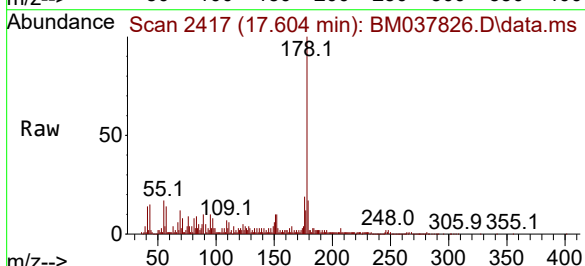
Tgt Ion:178 Resp: 368039

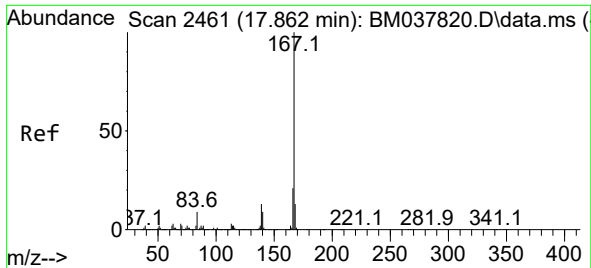
Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.4

176 18.7 14.8 22.2

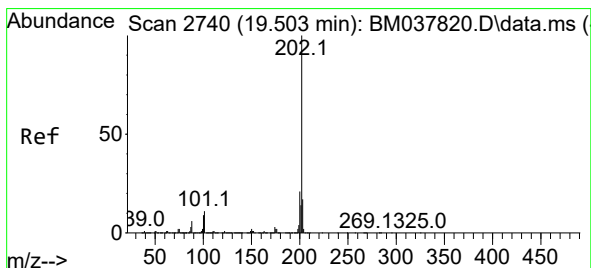
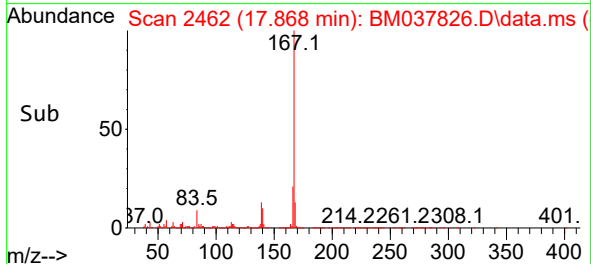
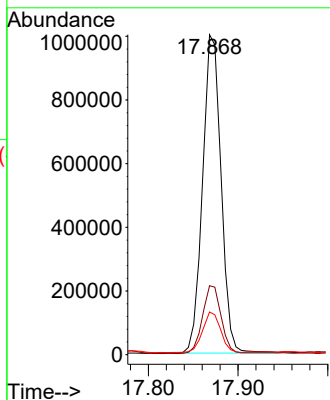
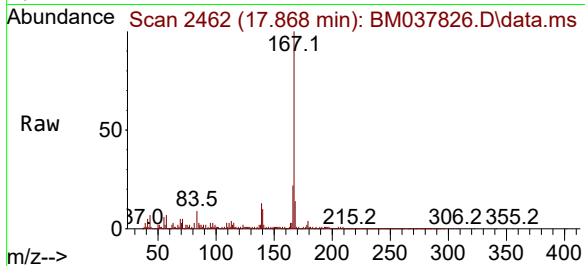




#77
 Carbazole
 Concen: 20.204 ng/ul
 RT: 17.868 min Scan# 2461
 Delta R.T. 0.005 min
 Lab File: BM037826.D
 Acq: 02 Dec 2022 13:20

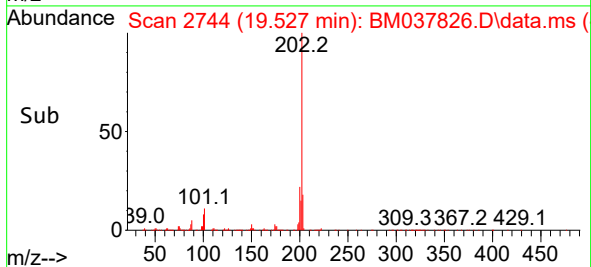
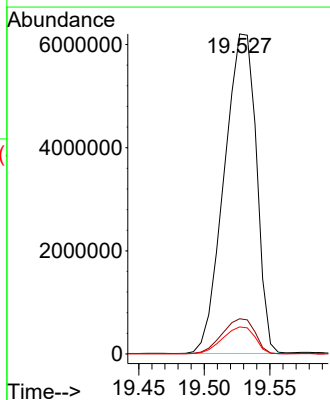
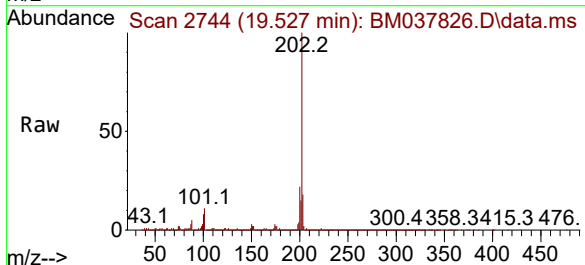
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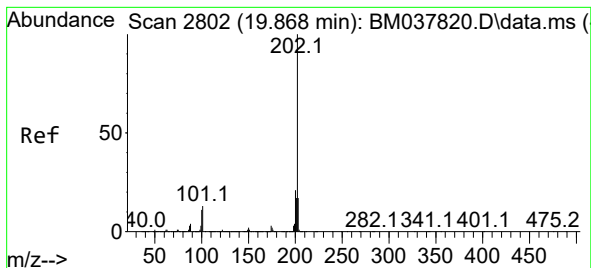
Tgt Ion:167 Resp: 1431131
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.0 15.0



#80
 Fluoranthene
 Concen: 181.253 ng/ul
 RT: 19.527 min Scan# 2744
 Delta R.T. 0.017 min
 Lab File: BM037826.D
 Acq: 02 Dec 2022 13:20

Tgt Ion:202 Resp:10593234
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.7 14.5
 100 8.4 7.7 11.5





#82

Pyrene

Concen: 133.045 ng/ul

RT: 19.892 min Scan# 2

Delta R.T. 0.017 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

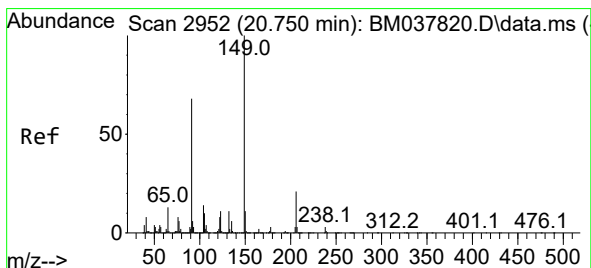
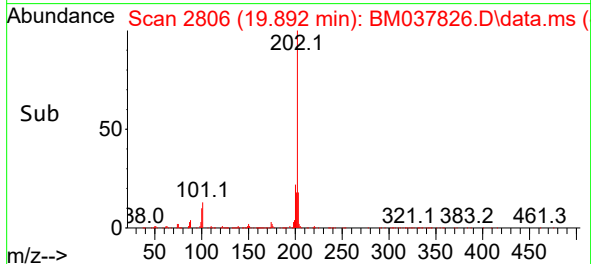
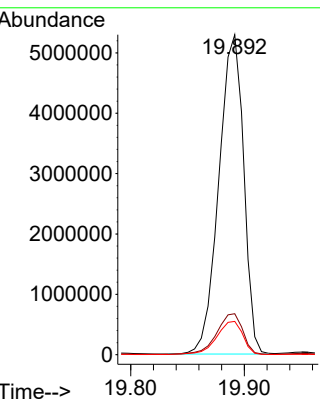
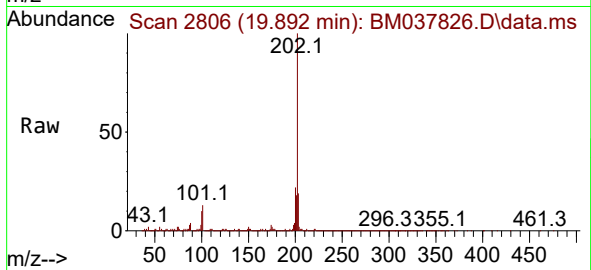
Tgt Ion:202 Resp: 8028704

Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

100 10.4 9.0 13.6



#83

Butylbenzylphthalate

Concen: 19.592 ng/ul

RT: 20.762 min Scan# 2954

Delta R.T. 0.005 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

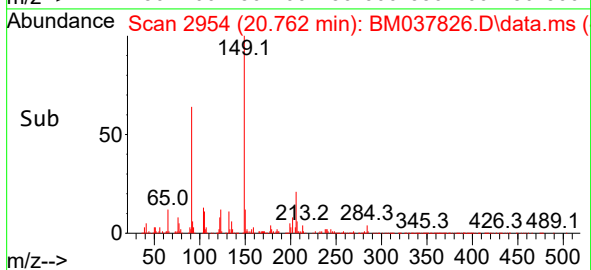
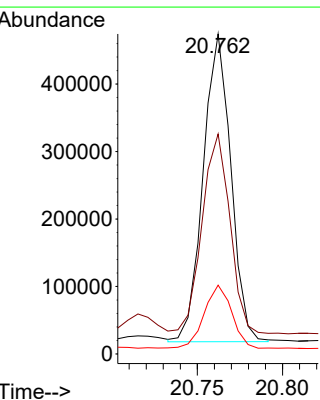
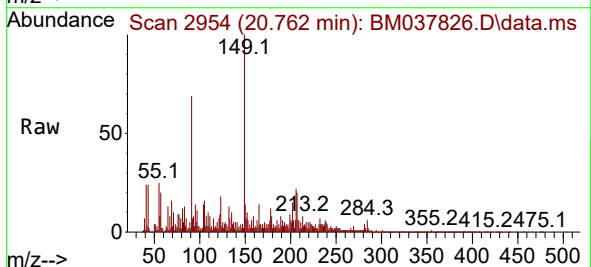
Tgt Ion:149 Resp: 515476

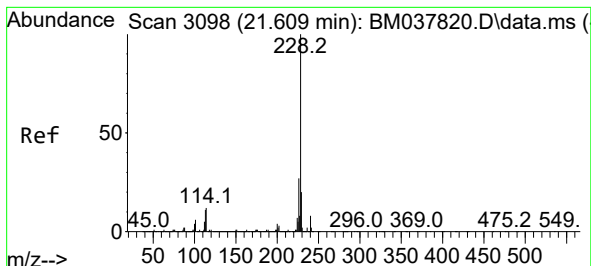
Ion Ratio Lower Upper

149 100

91 68.7 51.7 77.5

206 21.5 17.1 25.7





#85

Benzo(a)anthracene

Concen: 18.894 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. 0.011 min

Lab File: BM037826.D

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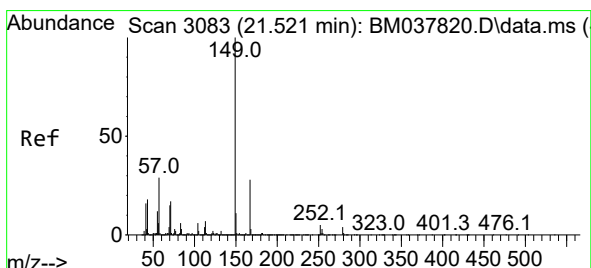
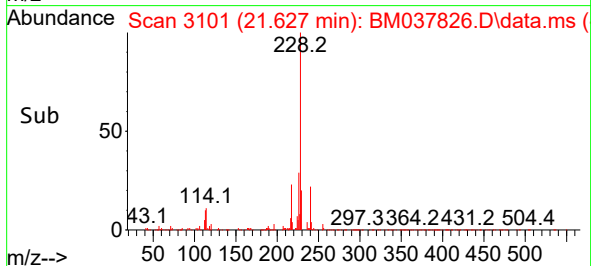
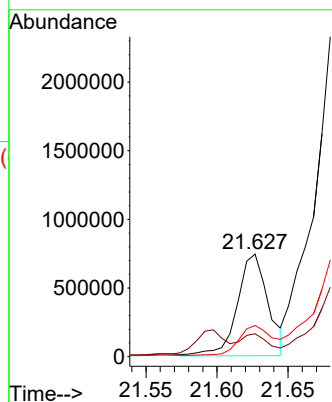
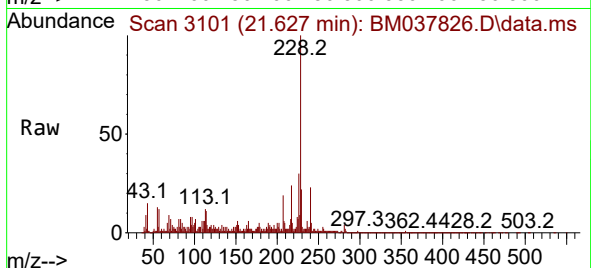
Tgt Ion:228 Resp: 1116665

Ion Ratio Lower Upper

228 100

229 22.4 16.2 24.2

226 30.4 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.021 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

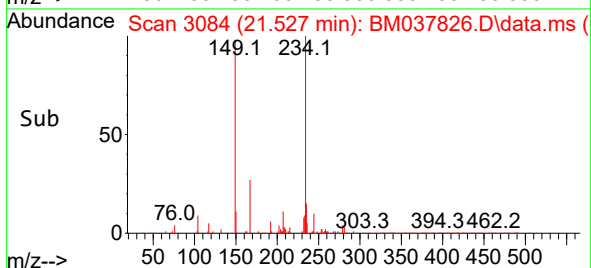
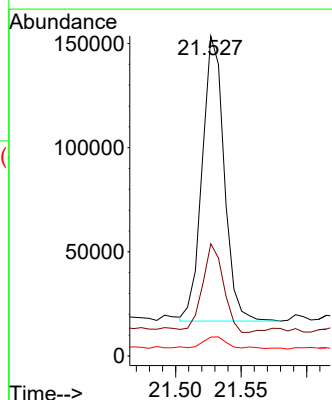
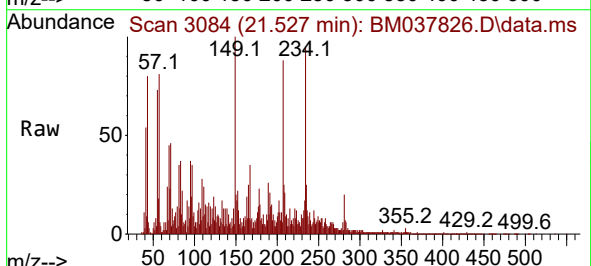
Tgt Ion:149 Resp: 159871

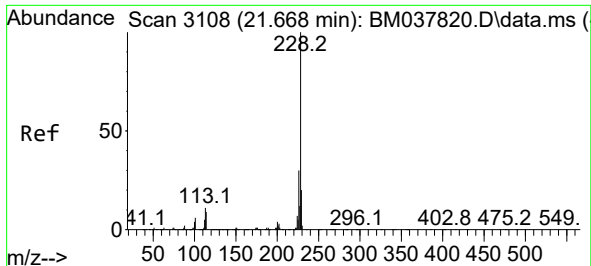
Ion Ratio Lower Upper

149 100

167 35.1 23.3 34.9#

279 5.9 3.6 5.4#





#87

Chrysene

Concen: 74.868 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.011 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

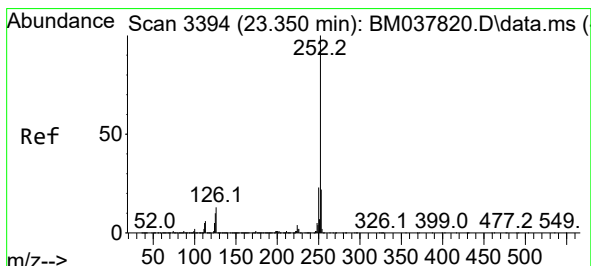
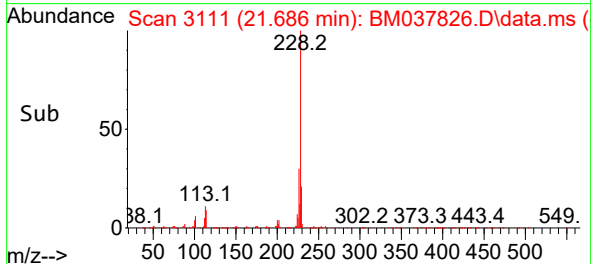
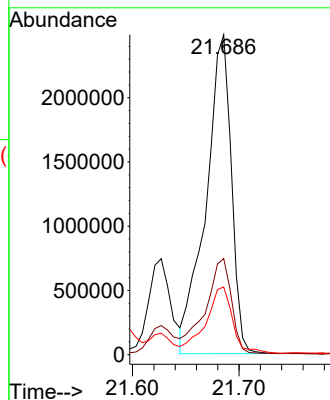
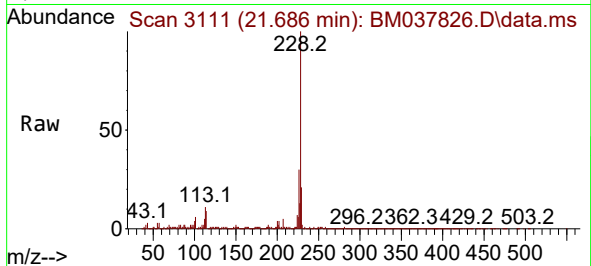
Tgt Ion:228 Resp: 4118783

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 21.2 15.8 23.6



#90

Benzo(b)fluoranthene

Concen: 83.518 ng/ul

RT: 23.380 min Scan# 3399

Delta R.T. 0.023 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

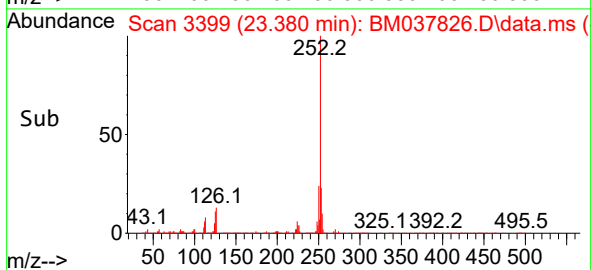
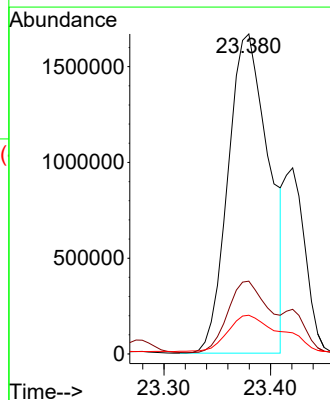
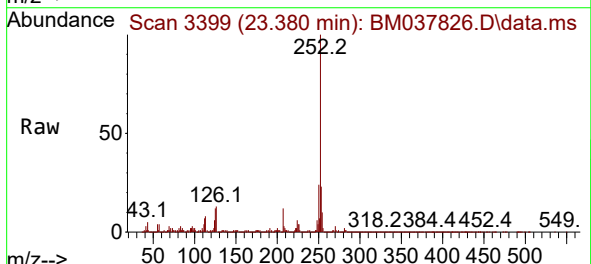
Tgt Ion:252 Resp: 4446780

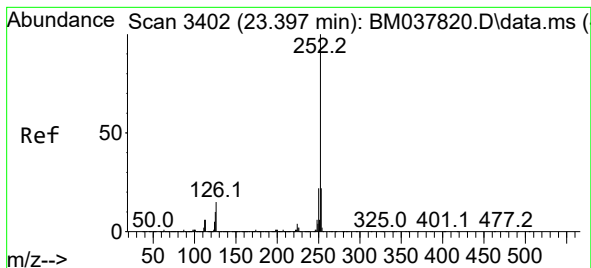
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 12.1 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 86.576 ng/ul

RT: 23.380 min Scan# 31

Delta R.T. -0.030 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

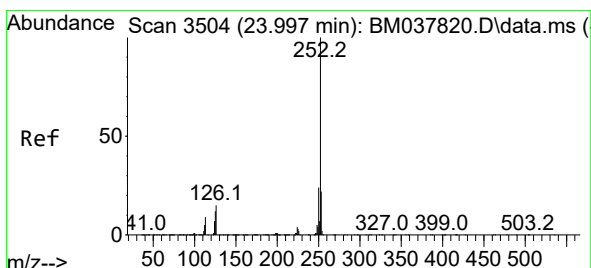
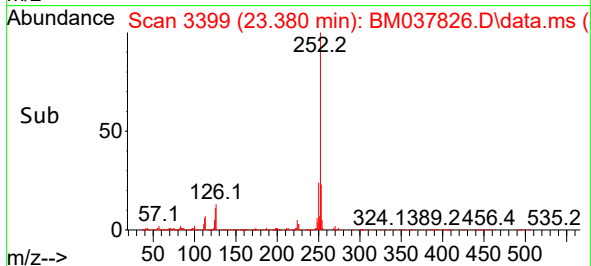
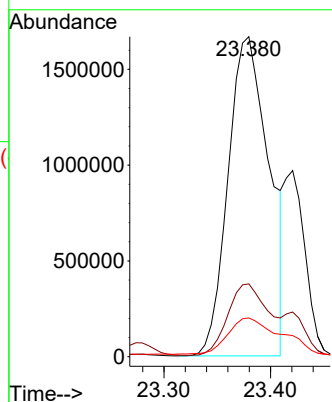
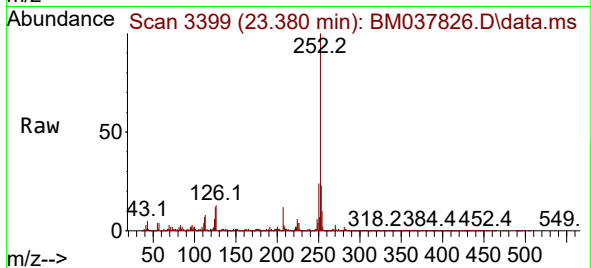
Tgt Ion:252 Resp: 4446780

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 12.1 9.3 13.9



#93

Benzo(a)pyrene

Concen: 30.756 ng/ul

RT: 24.021 min Scan# 3508

Delta R.T. 0.011 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

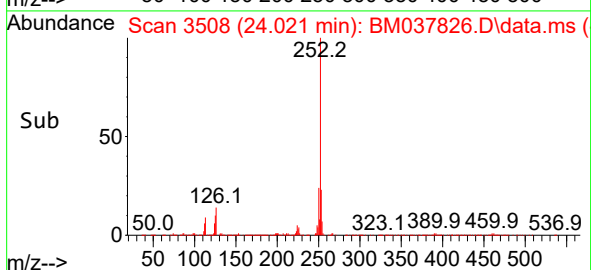
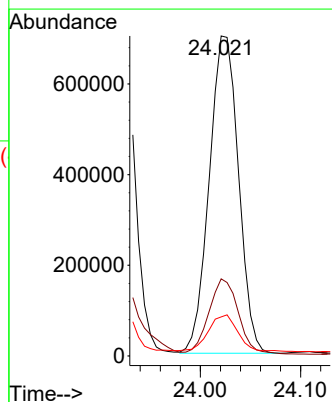
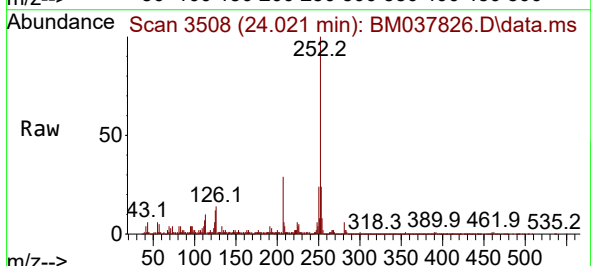
Tgt Ion:252 Resp: 1420057

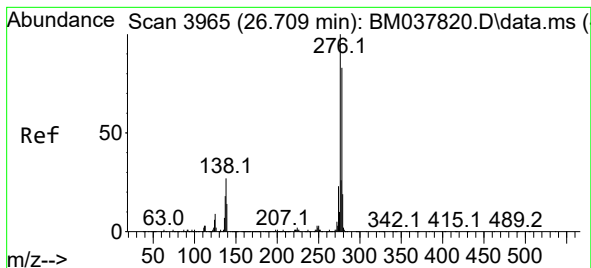
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 12.2 10.2 15.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.107 ng/ul

RT: 26.750 min Scan# 3972

Delta R.T. 0.029 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

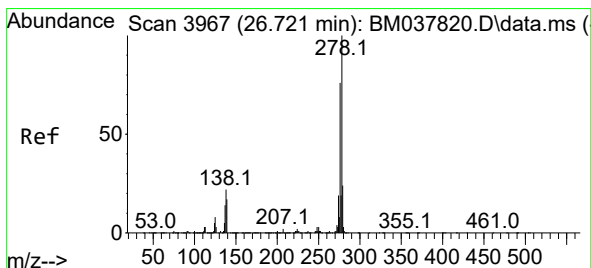
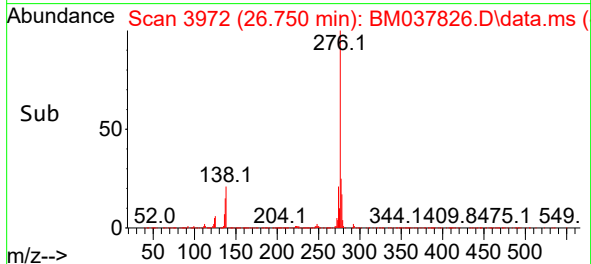
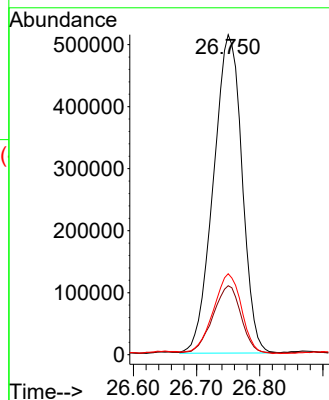
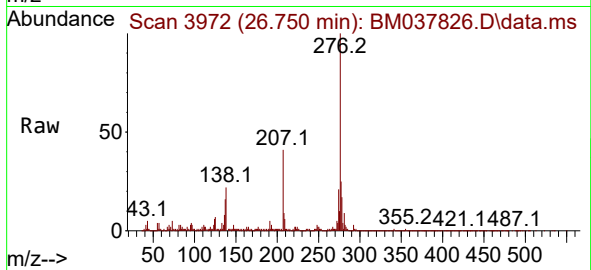
Tgt Ion:276 Resp: 1614718

Ion Ratio Lower Upper

276 100

138 21.6 22.7 34.1#

277 25.3 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 6.354 ng/ul

RT: 26.756 min Scan# 3973

Delta R.T. 0.017 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

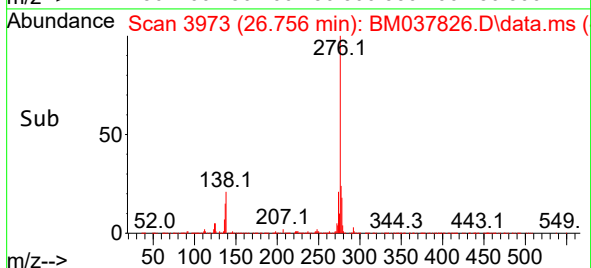
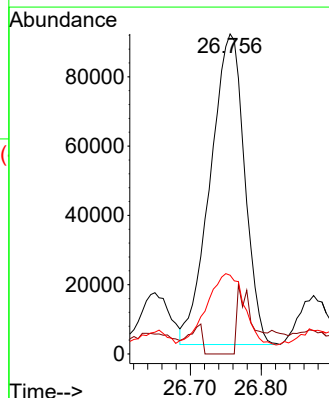
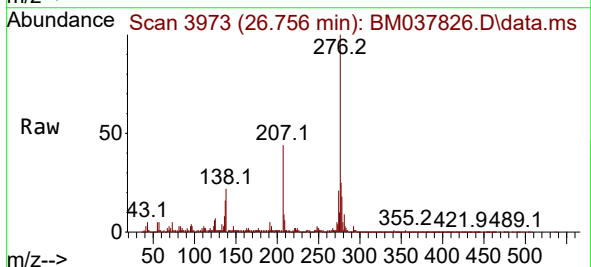
Tgt Ion:278 Resp: 300206

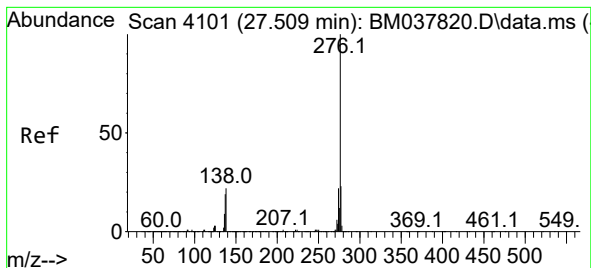
Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

279 24.6 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 28.057 ng/ul

RT: 27.556 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM037826.D

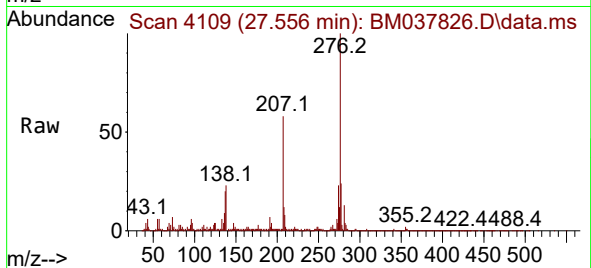
Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3



Tgt Ion:276 Resp: 1270979

Ion Ratio Lower Upper

276 100

138 22.5 19.2 28.8

277 24.3 19.1 28.7

