

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043768.D
 Acq On : 05 Jan 2024 19:50
 Operator : MA/JU
 Sample : 05953-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA9

Quant Time: Jan 05 22:01:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

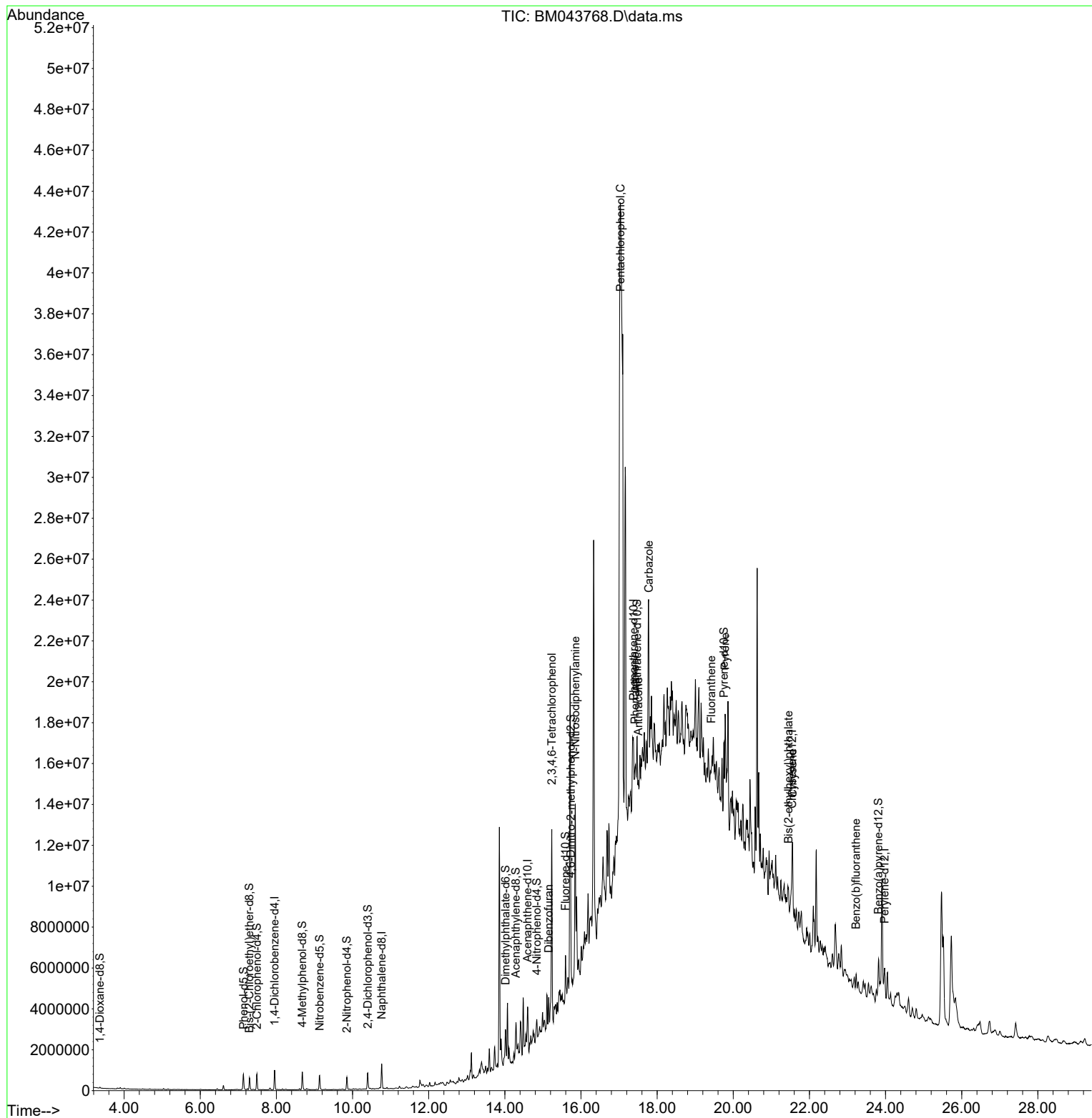
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	252561	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1010794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	587280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1162362	20.000	ng/ul	0.04
79) Chrysene-d12	21.544	240	1035660	20.000	ng/ul	0.02
88) Perylene-d12	23.974	264	1127107	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	19784	2.546	ng/uL	0.00
4) Pyridine-d5	3.775	84	237	0.011	ng/ul	-0.01
7) Phenol-d5	7.134	99	444916	15.486	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.292	67	267926	14.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	351895	16.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	333359	14.952	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	174801	17.874	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	197354	19.531	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	329636	18.480	ng/ul	0.02
31) 4-Chloroaniline-d4	10.886	131	95	0.004	ng/ul	-0.02
46) Dimethylphthalate-d6	14.016	166	941854	17.815	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1171958	18.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	175487	17.538	ng/ul	0.05
60) Fluorene-d10	15.592	176	810551	18.541	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	153140	19.921	ng/ul	0.02
73) Anthracene-d10	17.474	188	1219567	18.708	ng/ul	0.04
81) Pyrene-d10	19.756	212	1377919	16.852	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.815	264	1257031	18.073	ng/ul	0.04
Target Compounds						
					Qvalue	
56) Dibenzofuran	15.151	168	65773	1.073	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1822246	176.110	ng/ul#	85
67) N-Nitrosodiphenylamine	15.851	169	144714	3.241	ng/ul#	57
71) Pentachlorophenol	17.039	266	27486481	2881.845	ng/ul	98
72) Phenanthrene	17.415	178	116801	1.483	ng/ul#	22
74) Anthracene	17.504	178	486691	6.121	ng/ul#	80
77) Carbazole	17.780	167	212164	3.127	ng/ul#	21
80) Fluoranthene	19.421	202	114595	1.132	ng/ul#	68
82) Pyrene	19.786	202	2579606	24.782	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.450	149	138932	2.168	ng/ul#	68
87) Chrysene	21.556	228	1267172	16.265	ng/ul	93
90) Benzo(b)fluoranthene	23.227	252	205981	2.385	ng/ul#	72

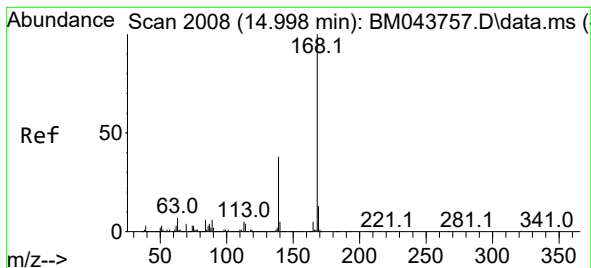
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#56

Dibenzofuran

Concen: 1.073 ng/ul

RT: 15.151 min Scan# 20

Delta R.T. 0.159 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

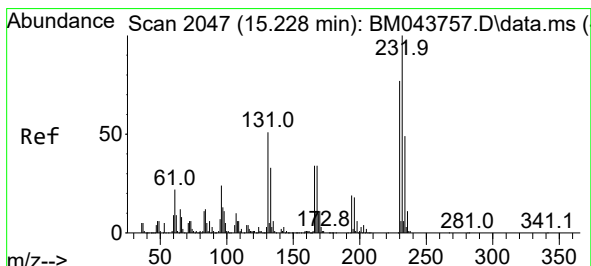
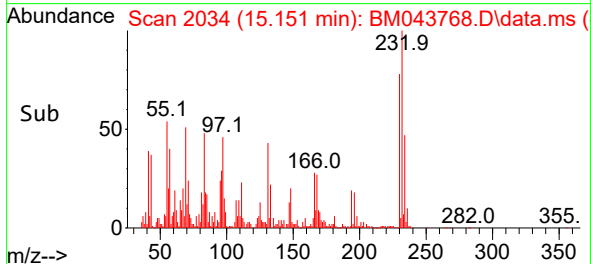
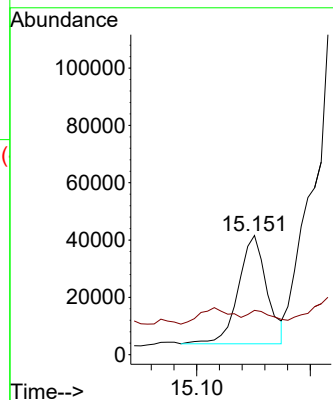
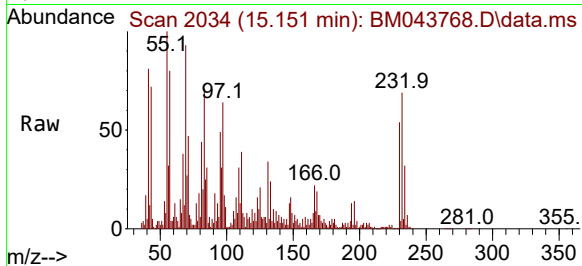
GCFA9

Tgt Ion:168 Resp: 65773

Ion Ratio Lower Upper

168 100

139 37.2 31.8 47.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 176.110 ng/ul

RT: 15.233 min Scan# 2048

Delta R.T. 0.017 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Tgt Ion:232 Resp: 1822246

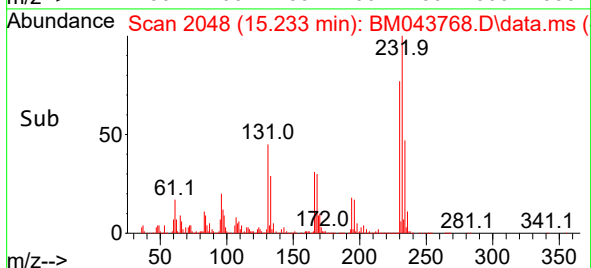
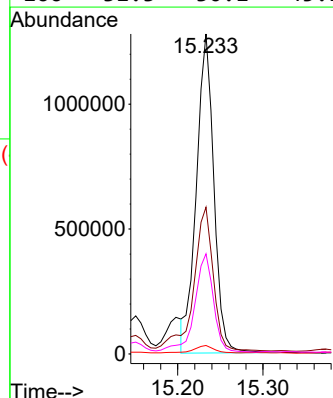
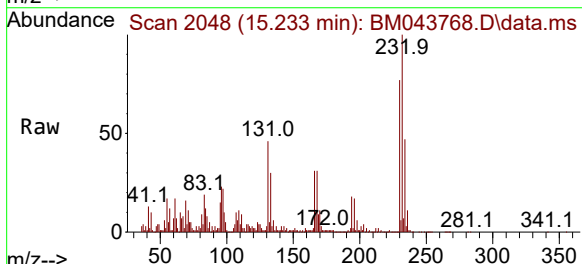
Ion Ratio Lower Upper

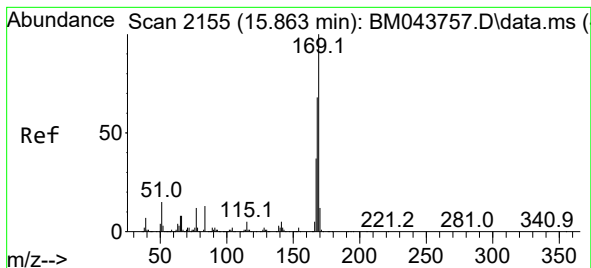
232 100

131 45.9 47.4 71.0#

130 2.7 2.4 3.6

166 31.3 30.1 45.1





#67

N-Nitrosodiphenylamine

Concen: 3.241 ng/ul

RT: 15.851 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

GCFA9

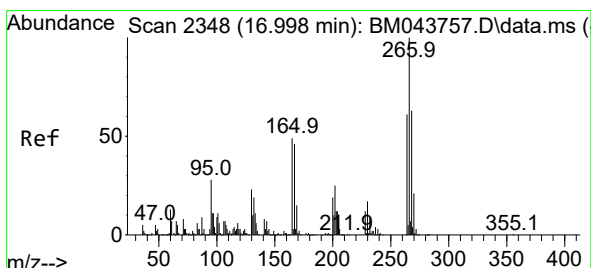
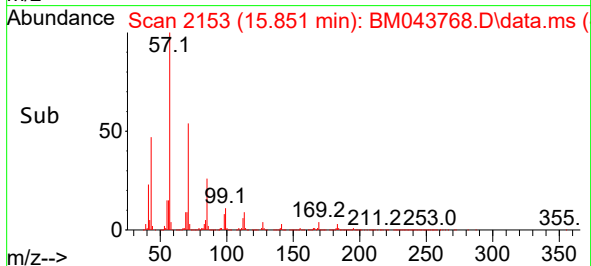
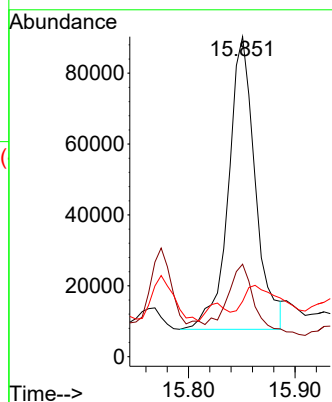
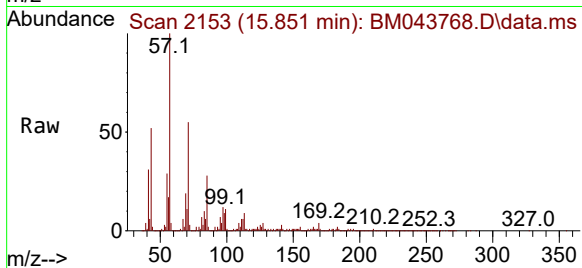
Tgt Ion:169 Resp: 144714

Ion Ratio Lower Upper

169 100

168 28.9 54.1 81.1#

167 17.3 29.8 44.8#



#71

Pentachlorophenol

Concen: 2881.845 ng/ul

RT: 17.039 min Scan# 2355

Delta R.T. 0.059 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

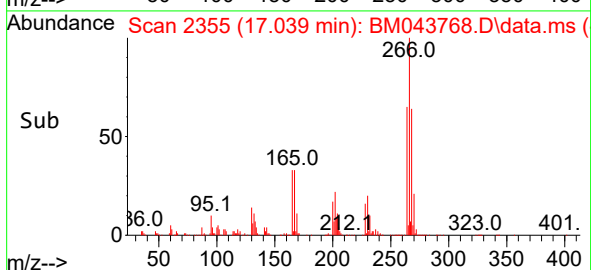
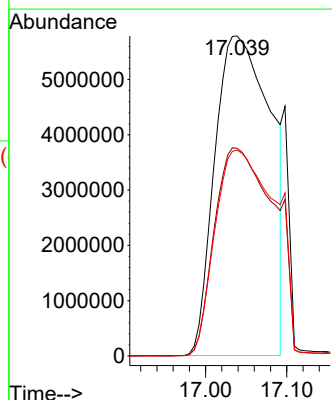
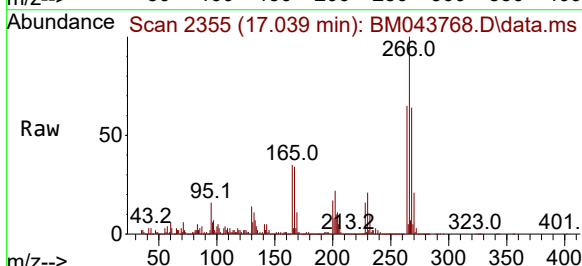
Tgt Ion:266 Resp:27486481

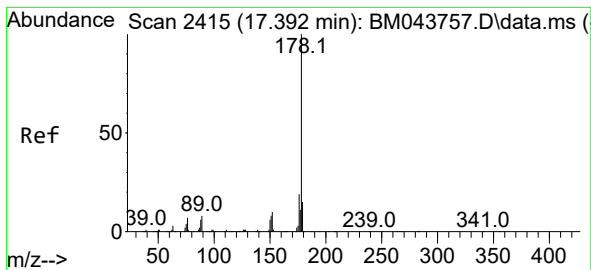
Ion Ratio Lower Upper

266 100

264 64.9 49.9 74.9

268 64.3 51.0 76.6





#72

Phenanthrene

Concen: 1.483 ng/ul

RT: 17.415 min Scan# 2419

Delta R.T. 0.035 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

GCFA9

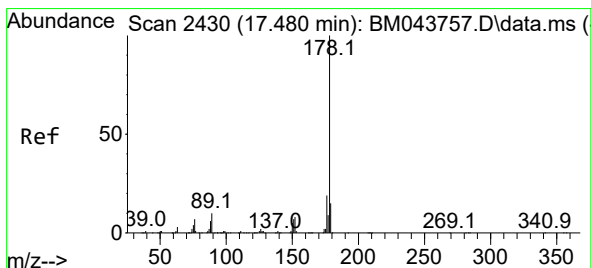
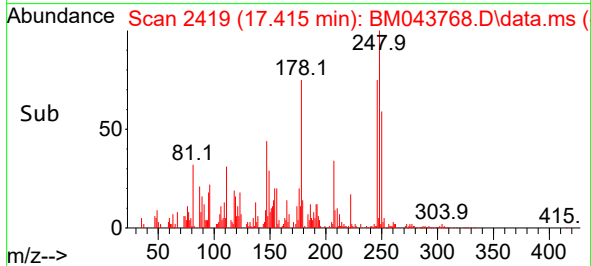
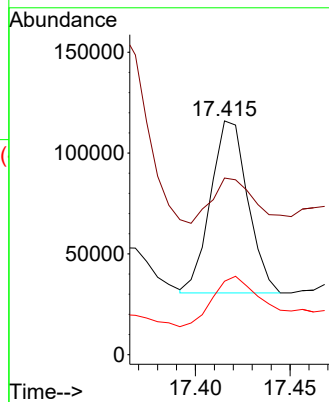
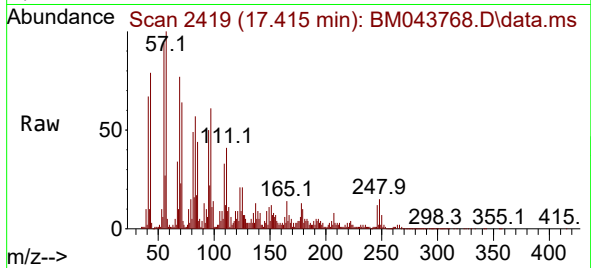
Tgt Ion:178 Resp: 116801

Ion Ratio Lower Upper

178 100

179 75.6 12.2 18.4#

176 31.4 15.5 23.3#



#74

Anthracene

Concen: 6.121 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

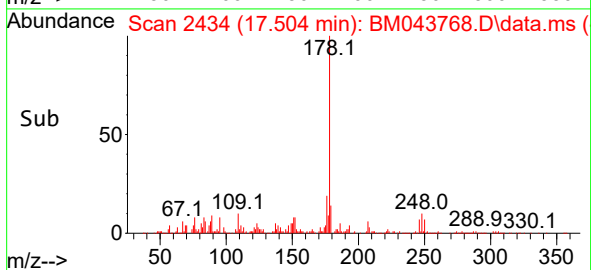
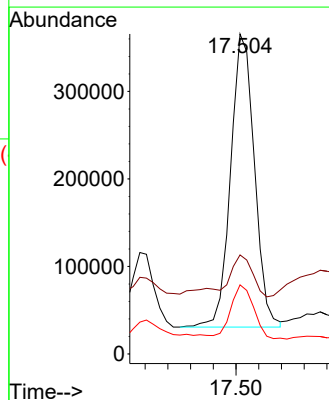
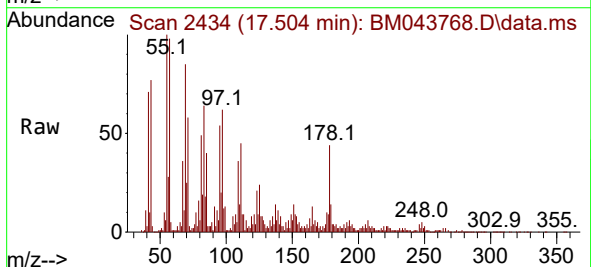
Tgt Ion:178 Resp: 486691

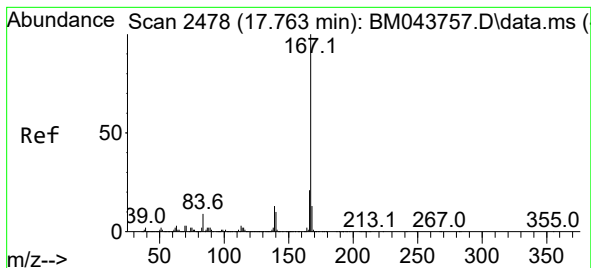
Ion Ratio Lower Upper

178 100

179 31.0 12.4 18.6#

176 21.6 15.2 22.8





#77

Carbazole

Concen: 3.127 ng/ul

RT: 17.780 min Scan# 24

Delta R.T. 0.035 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

GCFA9

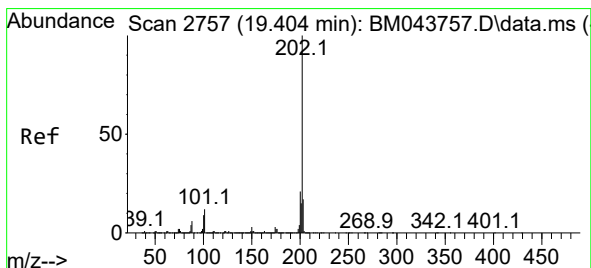
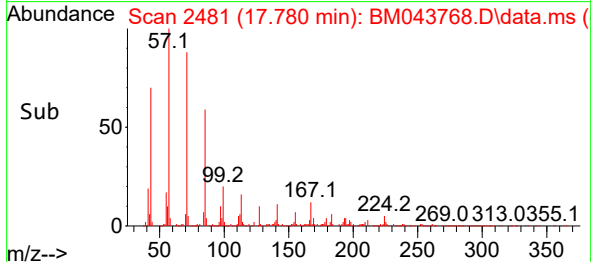
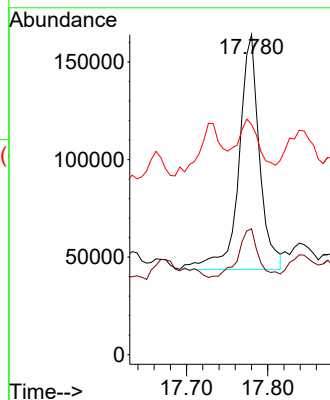
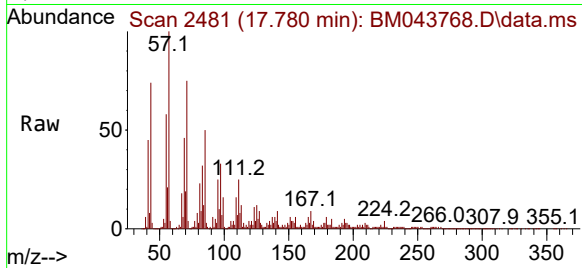
Tgt Ion:167 Resp: 212164

Ion Ratio Lower Upper

167 100

166 39.3 17.3 25.9#

139 72.0 10.7 16.1#



#80

Fluoranthene

Concen: 1.132 ng/ul

RT: 19.421 min Scan# 2760

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

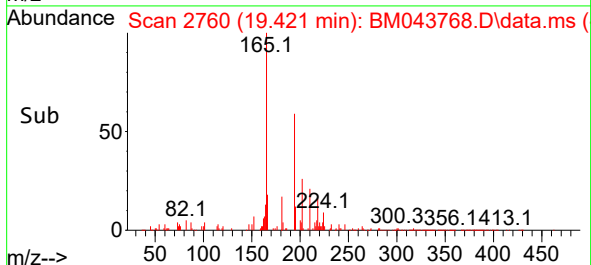
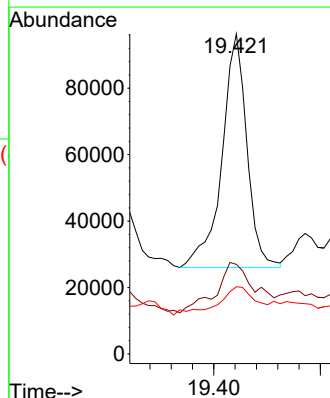
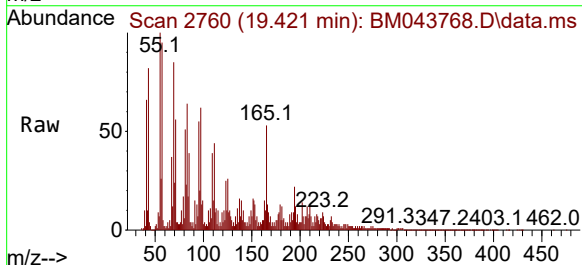
Tgt Ion:202 Resp: 114595

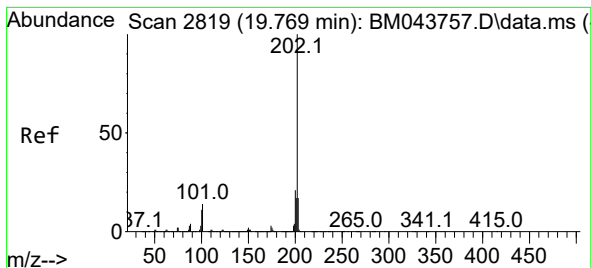
Ion Ratio Lower Upper

202 100

101 28.0 11.4 17.0#

100 21.0 8.2 12.4#





#82

Pyrene

Concen: 24.782 ng/ul

RT: 19.786 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

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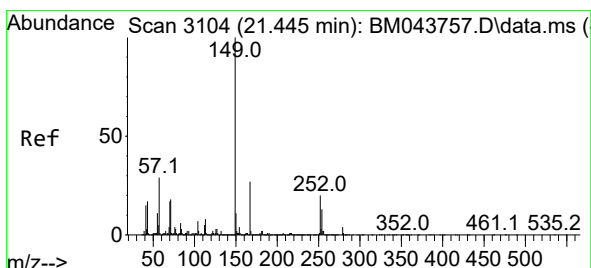
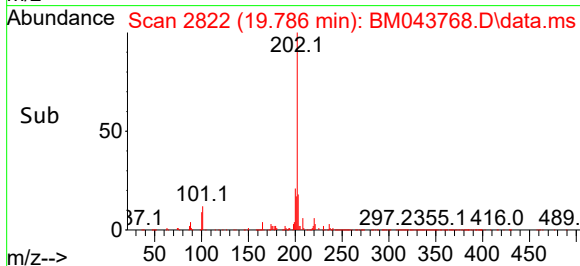
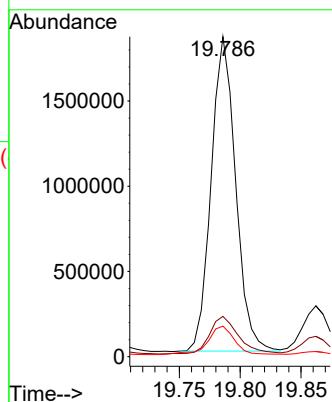
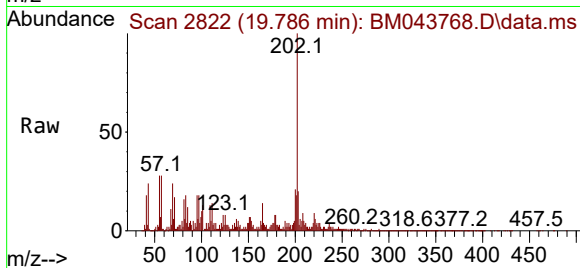
Tgt Ion:202 Resp: 2579606

Ion Ratio Lower Upper

202 100

101 12.6 12.7 19.1#

100 9.6 10.1 15.1#



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.168 ng/ul

RT: 21.450 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

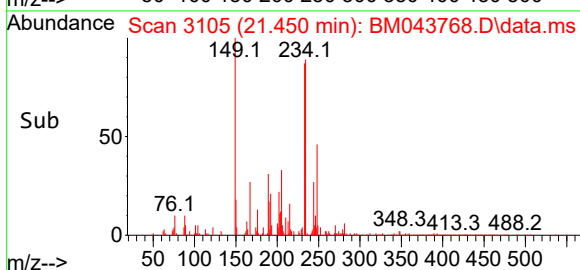
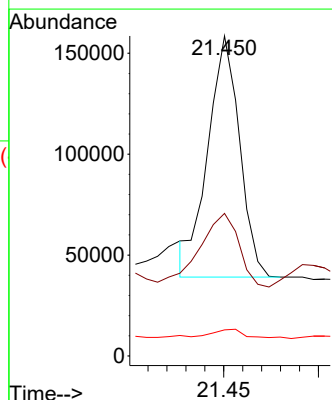
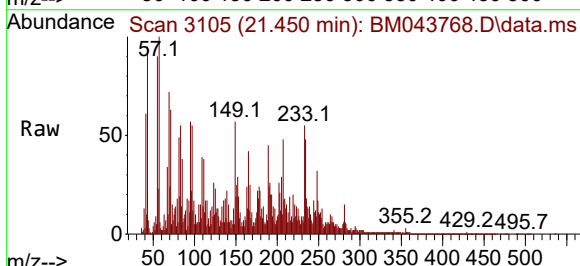
Tgt Ion:149 Resp: 138932

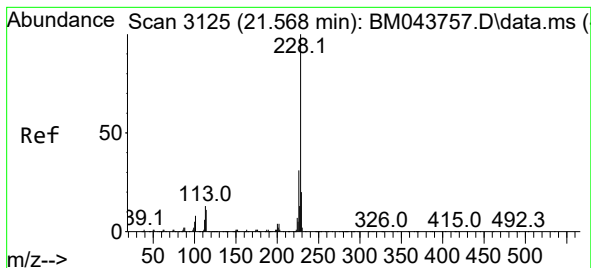
Ion Ratio Lower Upper

149 100

167 44.6 21.6 32.4#

279 8.2 2.8 4.2#





#87

Chrysene

Concen: 16.265 ng/ul

RT: 21.556 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

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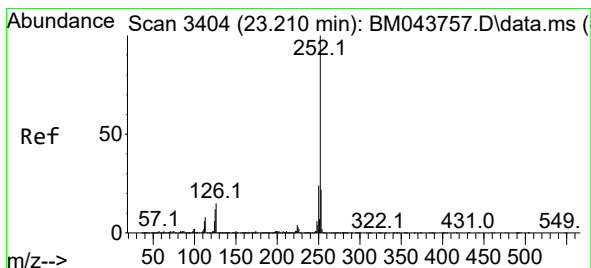
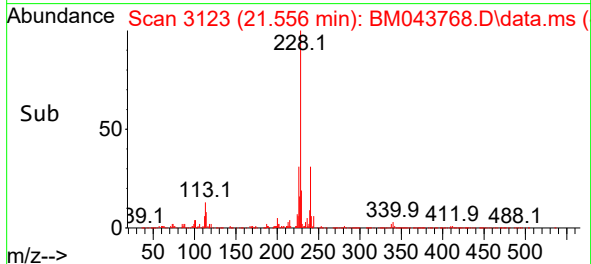
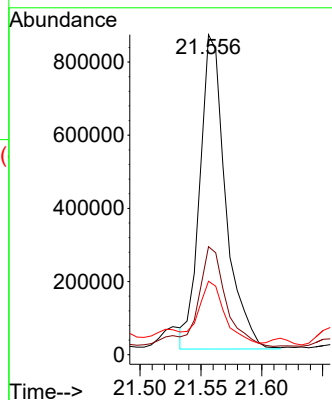
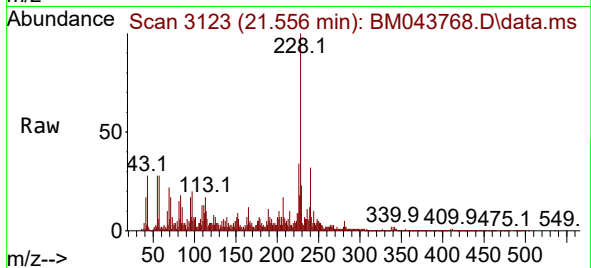
Tgt Ion:228 Resp: 1267172

Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

229 23.0 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 2.385 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Tgt Ion:252 Resp: 205981

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.2#

125 34.9 10.4 15.6#

