

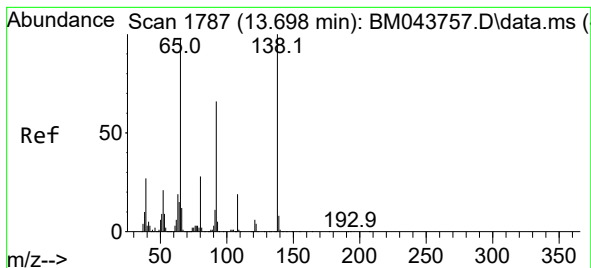
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043767.D
 Acq On : 05 Jan 2024 19:14
 Operator : MA/JU
 Sample : 05953-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA8

Quant Time: Jan 05 22:00:47 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	249650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1009932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	587832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1145287	20.000	ng/ul	0.03
79) Chrysene-d12	21.539	240	1040297	20.000	ng/ul	0.02
88) Perylene-d12	23.962	264	1132236	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	20538	2.674	ng/uL	0.00
4) Pyridine-d5	3.799	84	146658	6.634	ng/ul	0.01
7) Phenol-d5	7.128	99	408422	14.381	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	245813	13.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	325179	14.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	307936	13.973	ng/ul	0.01
21) Nitrobenzene-d5	9.128	128	156668	16.034	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	177800	17.611	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	306414	17.193	ng/ul	0.01
31) 4-Chloroaniline-d4	10.933	131	16541	0.631	ng/ul	0.02
46) Dimethylphthalate-d6	14.016	166	914507	17.282	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1134565	18.074	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	169653	16.939	ng/ul	0.04
60) Fluorene-d10	15.592	176	797407	18.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	132177	17.450	ng/ul	0.02
73) Anthracene-d10	17.462	188	1180011	18.371	ng/ul	0.02
81) Pyrene-d10	19.756	212	1375418	16.747	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.803	264	1231789	17.630	ng/ul	0.03
Target Compounds						
					Qvalue	
45) 2-Nitroaniline	13.727	65	32748	2.273	ng/ul#	26
50) Acenaphthylene	14.321	152	78655	1.091	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.227	232	1160661	112.066	ng/ul	90
67) N-Nitrosodiphenylamine	15.863	169	281825	6.407	ng/ul#	40
71) Pentachlorophenol	17.033	266	27939050	2972.968	ng/ul	98
72) Phenanthrene	17.410	178	909690	11.719	ng/ul#	94
74) Anthracene	17.498	178	621309	7.931	ng/ul#	90
77) Carbazole	17.774	167	176560	2.641	ng/ul#	34
80) Fluoranthene	19.421	202	552874	5.436	ng/ul	97
82) Pyrene	19.786	202	1740348	16.645	ng/ul#	96
83) Butylbenzylphthalate	20.680	149	71960	1.592	ng/ul#	83
86) Bis(2-ethylhexyl)phtha...	21.445	149	105951	1.646	ng/ul#	64
87) Chrysene	21.574	228	181145	2.315	ng/ul#	87

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



#45

2-Nitroaniline

Concen: 2.273 ng/ul

RT: 13.727 min Scan# 1792

Delta R.T. 0.041 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

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GCFA8

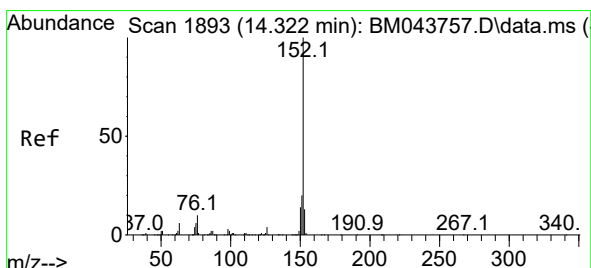
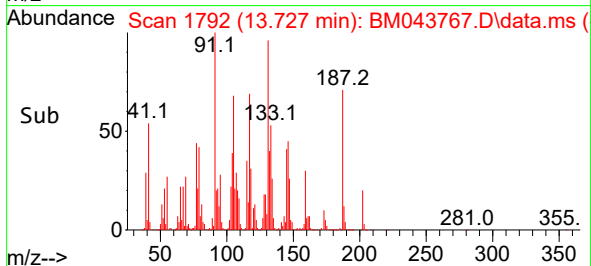
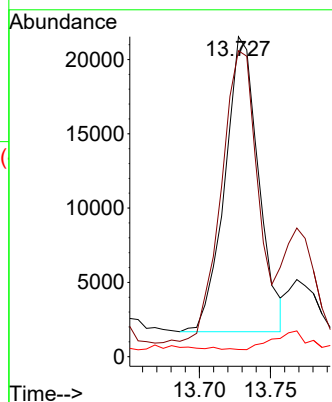
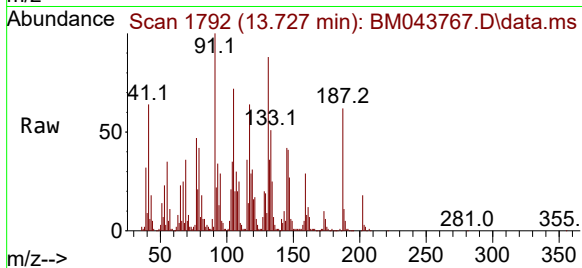
Tgt Ion: 65 Resp: 32748

Ion Ratio Lower Upper

65 100

92 95.6 51.4 77.2#

138 2.3 78.4 117.6#



#50

Acenaphthylene

Concen: 1.091 ng/ul

RT: 14.321 min Scan# 1893

Delta R.T. 0.006 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

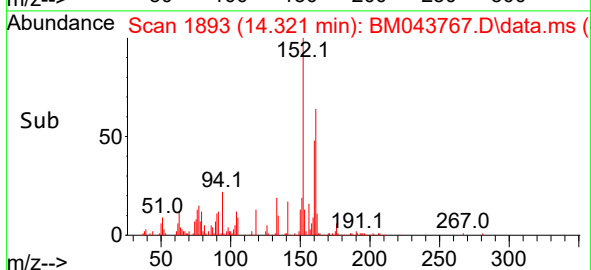
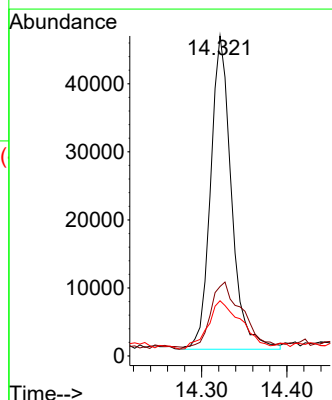
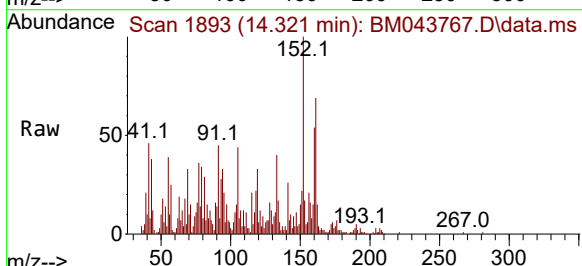
Tgt Ion:152 Resp: 78655

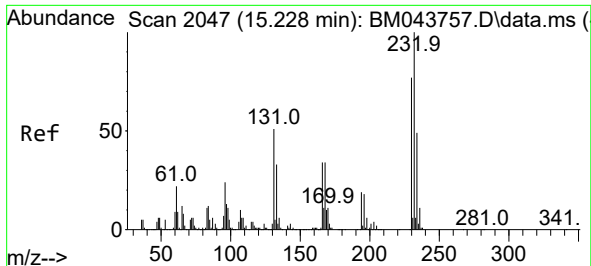
Ion Ratio Lower Upper

152 100

151 21.7 15.6 23.4

153 17.2 10.2 15.4#

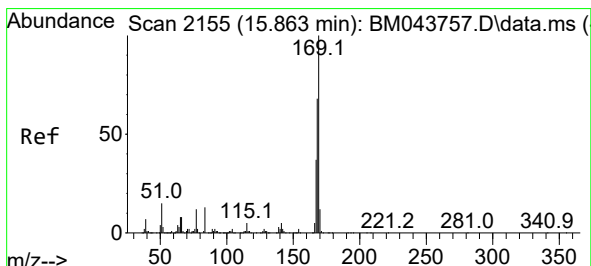
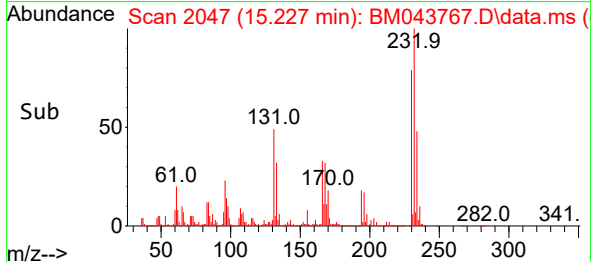
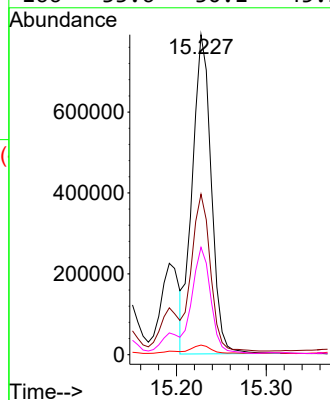
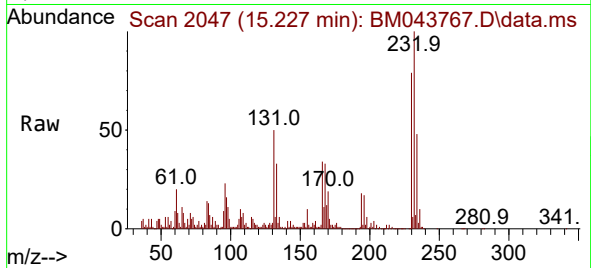




#58
2,3,4,6-Tetrachlorophenol
Concen: 112.066 ng/ul
RT: 15.227 min Scan# 2047
Delta R.T. 0.012 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

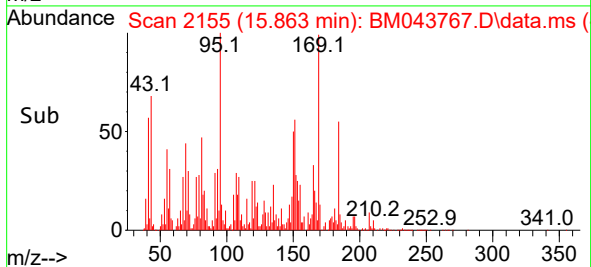
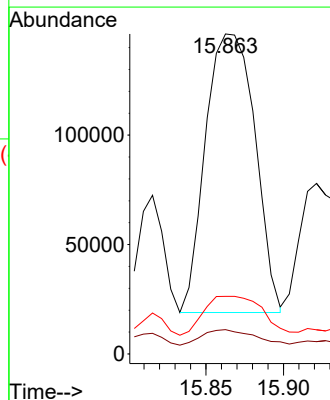
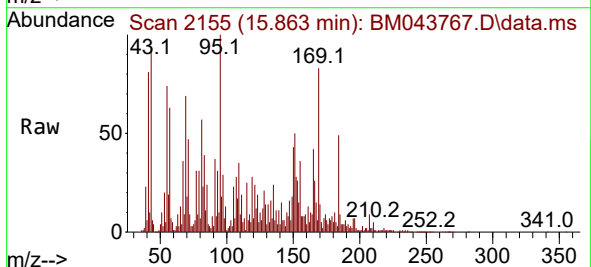
Instrument :
BNA_M
ClientSampleId :
GCFA8

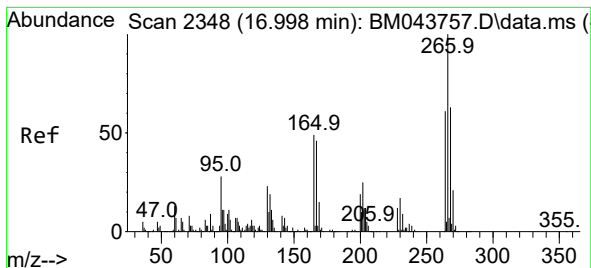
Tgt Ion:232 Resp: 1160661
Ion Ratio Lower Upper
232 100
131 50.2 47.4 71.0
130 3.0 2.4 3.6
166 33.6 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 6.407 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

Tgt Ion:169 Resp: 281825
Ion Ratio Lower Upper
169 100
168 7.6 54.1 81.1#
167 18.0 29.8 44.8#





#71

Pentachlorophenol

Concen: 2972.968 ng/ul

RT: 17.033 min Scan# 21

Delta R.T. 0.053 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

Instrument :

BNA_M

ClientSampleId :

GCFA8

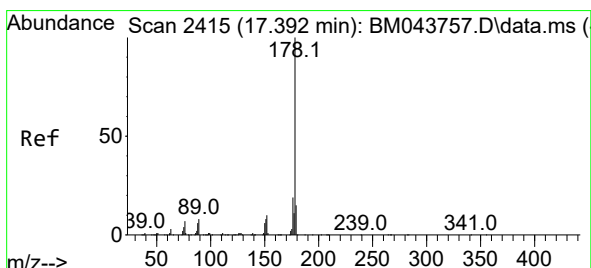
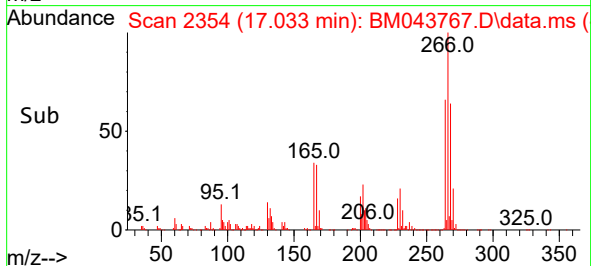
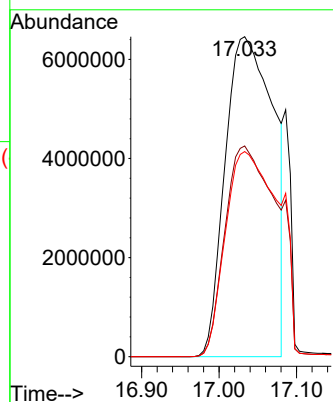
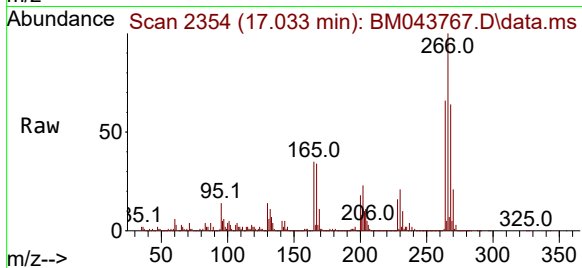
Tgt Ion:266 Resp:27939050

Ion Ratio Lower Upper

266 100

264 65.9 49.9 74.9

268 64.1 51.0 76.6



#72

Phenanthrene

Concen: 11.719 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. 0.029 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

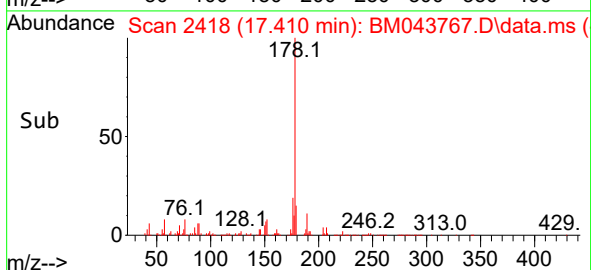
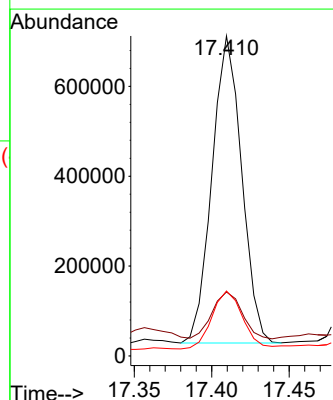
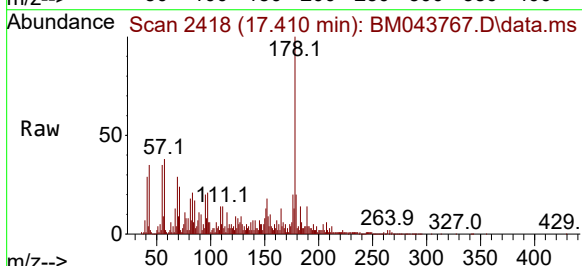
Tgt Ion:178 Resp: 909690

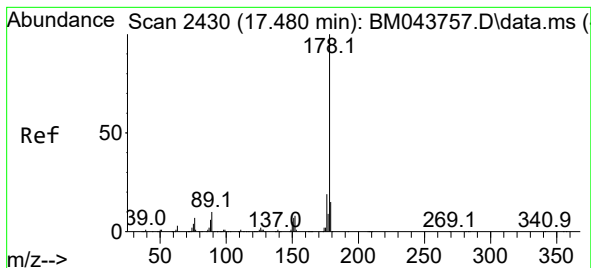
Ion Ratio Lower Upper

178 100

179 20.0 12.2 18.4#

176 20.3 15.5 23.3





#74

Anthracene

Concen: 7.931 ng/ul

RT: 17.498 min Scan# 2430

Delta R.T. 0.023 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

Instrument :

BNA_M

ClientSampleId :

GCFA8

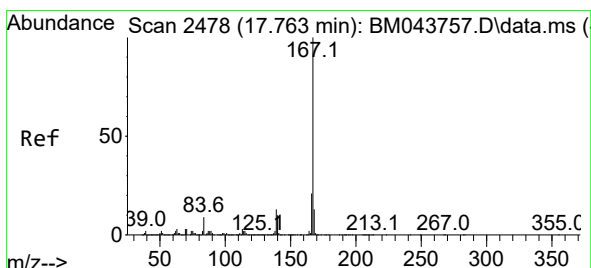
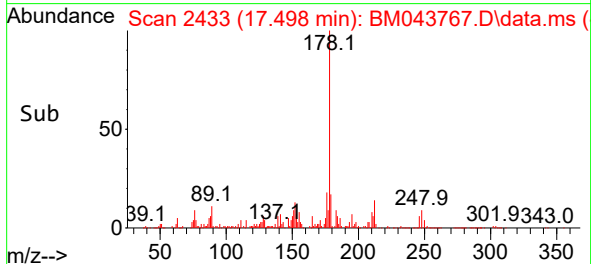
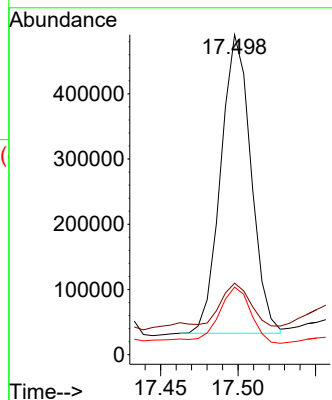
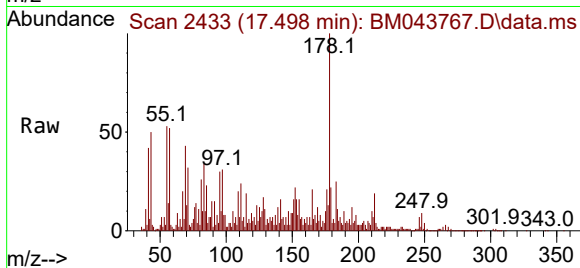
Tgt Ion:178 Resp: 621309

Ion Ratio Lower Upper

178 100

179 22.4 12.4 18.6#

176 21.1 15.2 22.8



#77

Carbazole

Concen: 2.641 ng/ul

RT: 17.774 min Scan# 2480

Delta R.T. 0.029 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

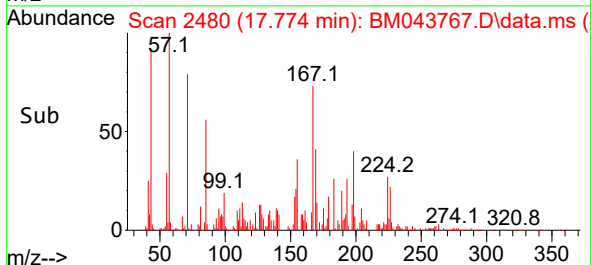
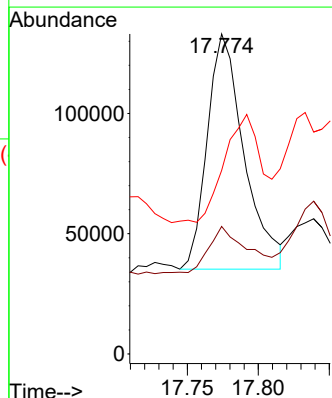
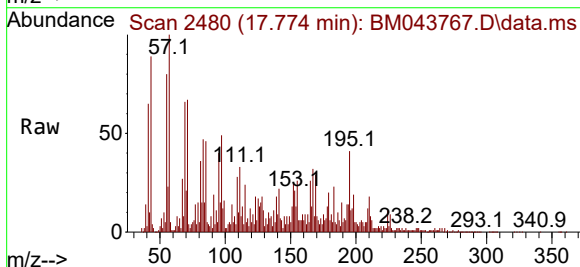
Tgt Ion:167 Resp: 176560

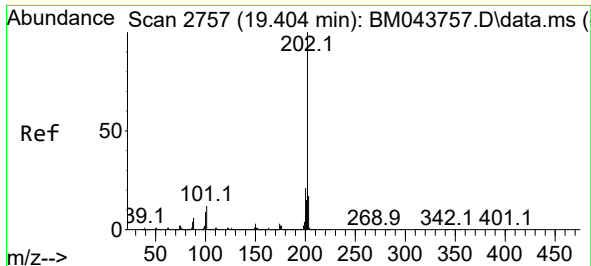
Ion Ratio Lower Upper

167 100

166 39.9 17.3 25.9#

139 57.3 10.7 16.1#

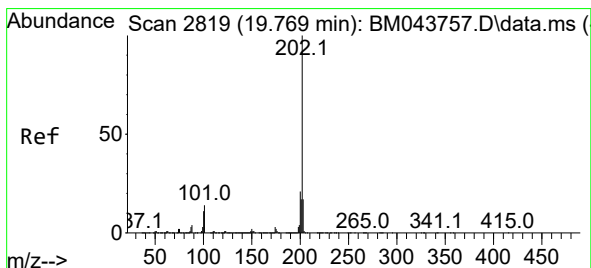
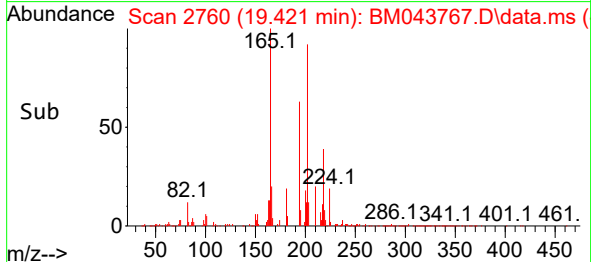
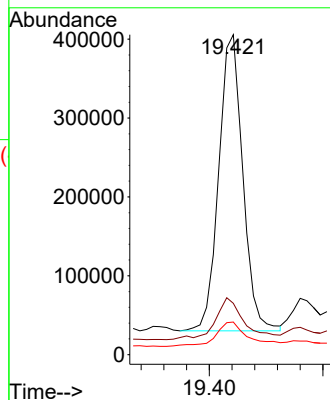
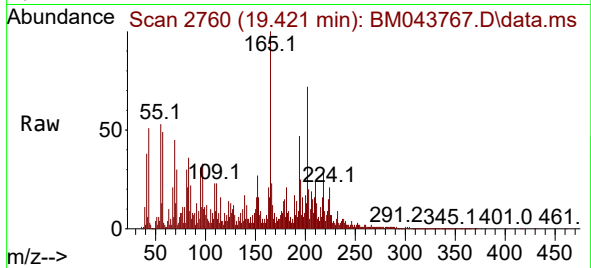




#80
Fluoranthene
Concen: 5.436 ng/ul
RT: 19.421 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

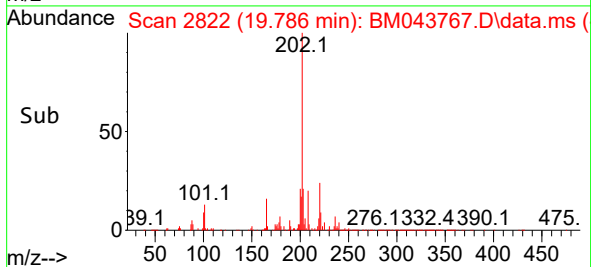
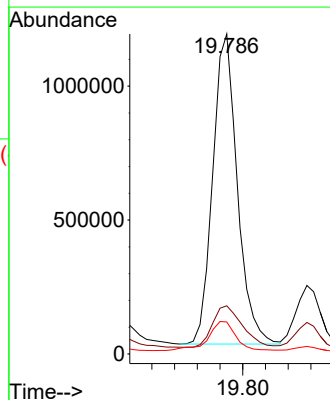
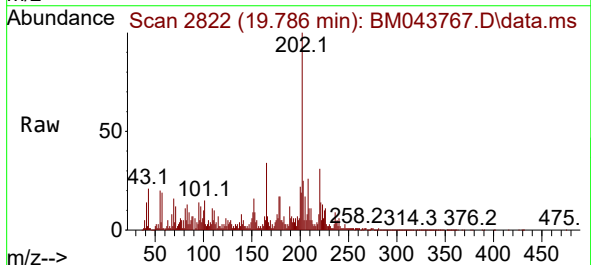
Instrument :
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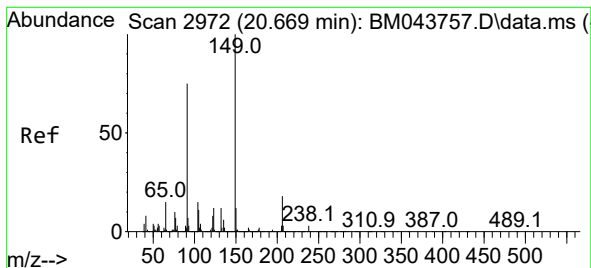
Tgt Ion:202 Resp: 552874
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.0
100 10.2 8.2 12.4



#82
Pyrene
Concen: 16.645 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. 0.029 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

Tgt Ion:202 Resp: 1740348
Ion Ratio Lower Upper
202 100
101 15.0 12.7 19.1
100 10.0 10.1 15.1#





#83

Butylbenzylphthalate

Concen: 1.592 ng/ul

RT: 20.680 min Scan# 2972

Delta R.T. 0.012 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

Instrument :

BNA_M

ClientSampleId :

GCFA8

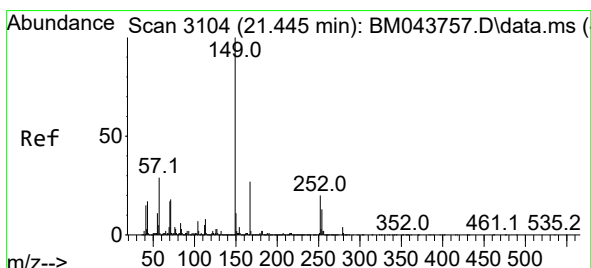
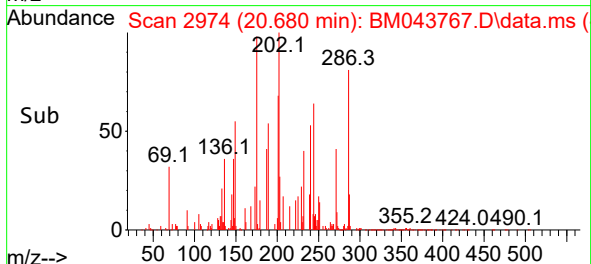
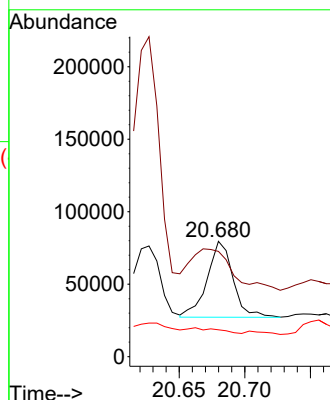
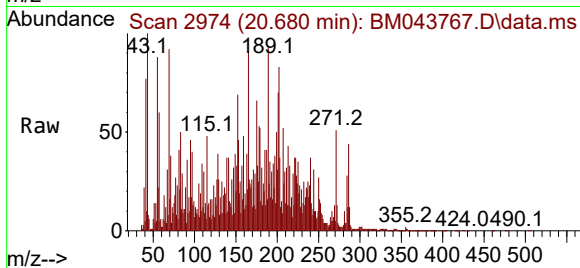
Tgt Ion:149 Resp: 71960

Ion Ratio Lower Upper

149 100

91 91.3 60.5 90.7#

206 23.3 13.9 20.9#



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.646 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

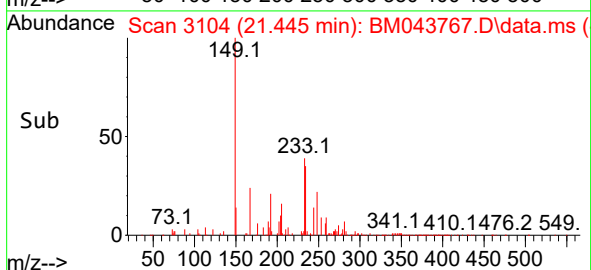
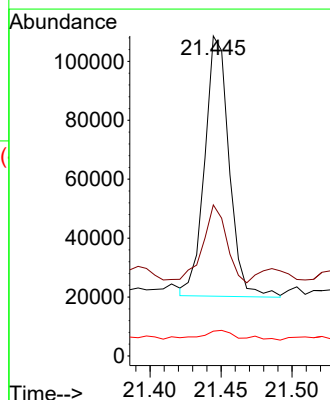
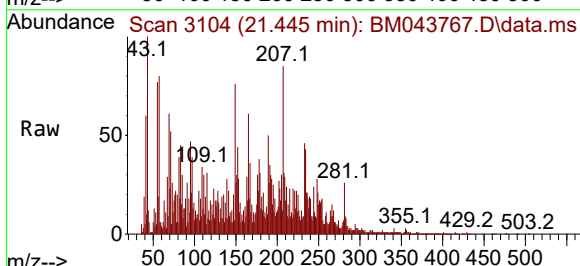
Tgt Ion:149 Resp: 105951

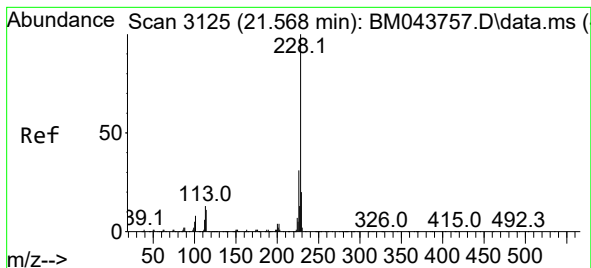
Ion Ratio Lower Upper

149 100

167 47.2 21.6 32.4#

279 7.7 2.8 4.2#





#87

Chrysene

Concen: 2.315 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. 0.018 min

Lab File: BM043767.D

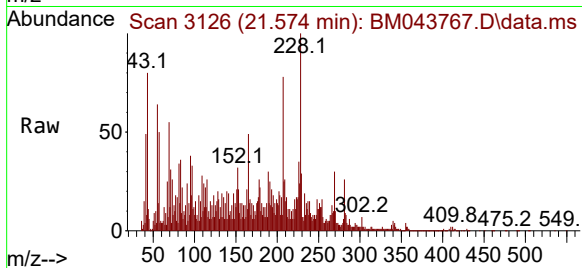
Acq: 05 Jan 2024 19:14

Instrument :

BNA_M

ClientSampleId :

GCFA8



Tgt Ion:228 Resp: 181145

Ion Ratio Lower Upper

228 100

226 35.2 24.2 36.2

229 28.7 15.9 23.9#

