

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019214.D
 Acq On : 02 Jan 2024 18:37
 Operator : MA/JU
 Sample : 05919-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF47

Quant Time: Jan 02 21:43:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	223118	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	862893	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	487869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	21419	20.000	ng/ul	#-0.04
79) Chrysene-d12	21.333	240	1285159	20.000	ng/ul	0.02
88) Perylene-d12	23.709	264	1295444	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14837	2.271	ng/uL	0.00
4) Pyridine-d5	3.675	84	29191	1.780	ng/ul	0.02
7) Phenol-d5	6.981	99	300110	14.999	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	174391	15.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	240335	14.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	239412	15.369	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	115240	15.449	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	135253	16.778	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	258443	15.876	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	550	0.027	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	677203	15.715	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	800516	17.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	96226	13.224	ng/ul	0.01
60) Fluorene-d10	15.445	176	552107	14.830	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	3649	25.987	ng/ul	-0.08
73) Anthracene-d10	17.275	188	851966	761.659	ng/ul	-0.03
81) Pyrene-d10	19.586	212	907365	11.585	ng/ul	0.04
92) Benzo(a)pyrene-d12	23.551	264	1205287	16.187	ng/ul	0.04
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.686	109	8029	1.381	ng/ul#	12
56) Dibenzofuran	14.998	168	81863	1.608	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	2854865	256.705	ng/ul#	96
66) 4,6-Dinitro-2-methylph...	15.539	198	5306	35.689	ng/ul#	1
67) N-Nitrosodiphenylamine	15.680	169	28004	42.839	ng/ul#	65
68) 4-Bromophenyl-phenylether	16.375	248	3153	11.844	ng/ul#	1
70) Atrazine	16.745	200	6857	37.168	ng/ul#	1
71) Pentachlorophenol	16.910	266	26358598	137992.979	ng/ul	98
72) Phenanthrene	17.251	178	54132	41.703	ng/ul#	1
74) Anthracene	17.310	178	79191	61.282	ng/ul#	1
76) Pentachlorobenzene	14.763	250	28702	77.558	ng/uL	98
77) Carbazole	17.586	167	2004	1.864	ng/ul#	1
78) Di-n-butylphthalate	18.133	149	39341	29.511	ng/ul#	23
80) Fluoranthene	19.257	202	182064	2.026	ng/ul#	76
82) Pyrene	19.616	202	3491047	37.074	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.251	252	32253	1.003	ng/ul#	12
86) Bis(2-ethylhexyl)phtha...	21.233	149	691377	13.959	ng/ul#	84
87) Chrysene	21.351	228	1381167	14.587	ng/ul#	91
90) Benzo(b)fluoranthene	22.980	252	361160	3.969	ng/ul#	80
91) Benzo(k)fluoranthene	22.980	252	349555	3.909	ng/ul#	79
96) Benzo(g,h,i)perylene	26.950	276	88917	1.011	ng/ul#	80

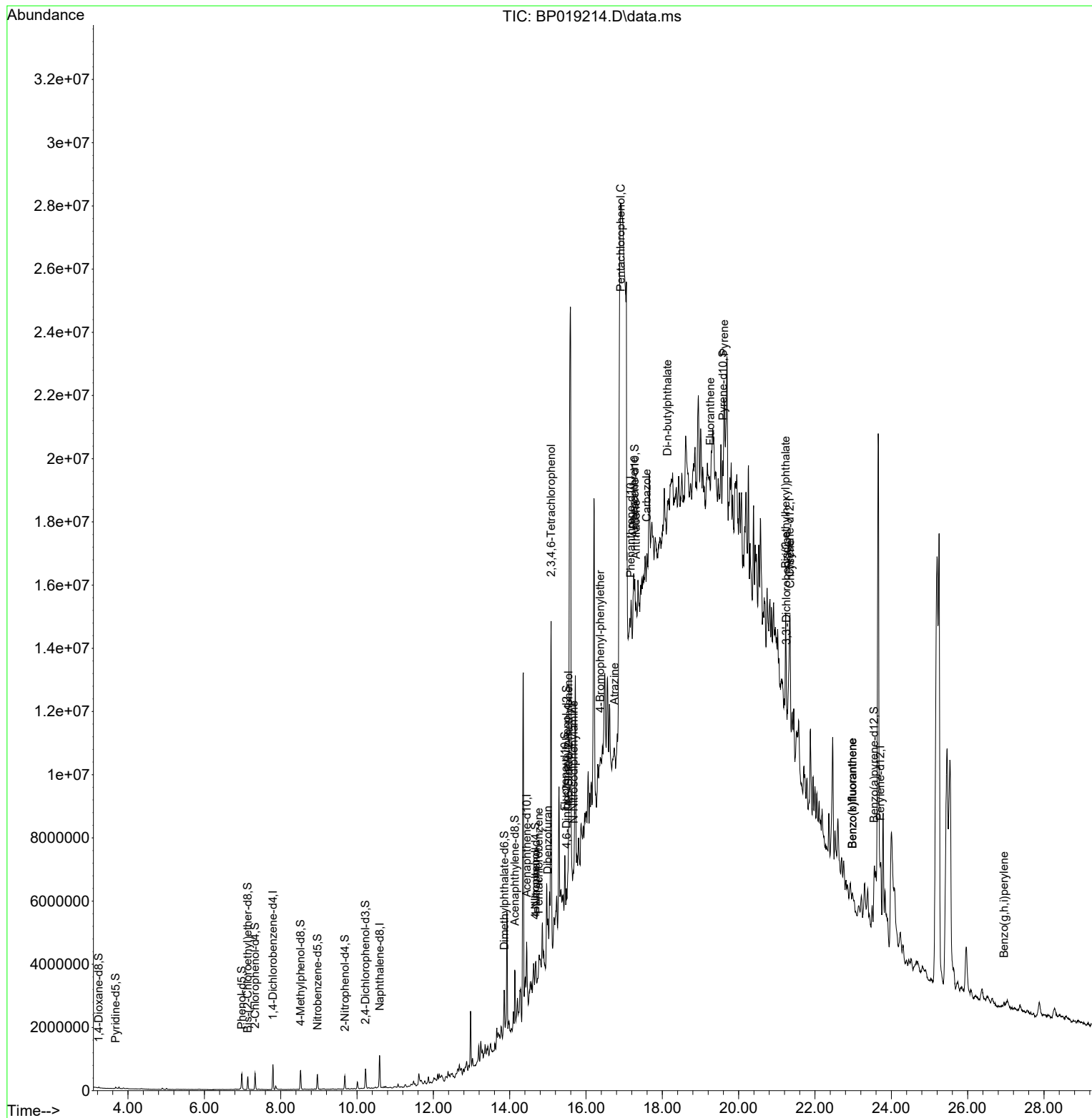
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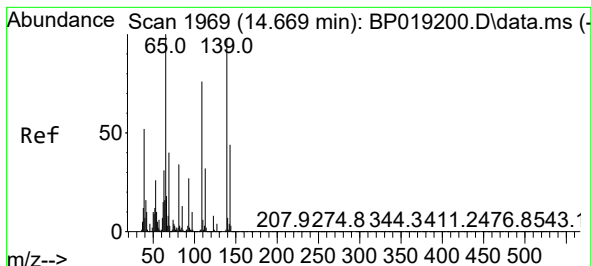
Instrument :
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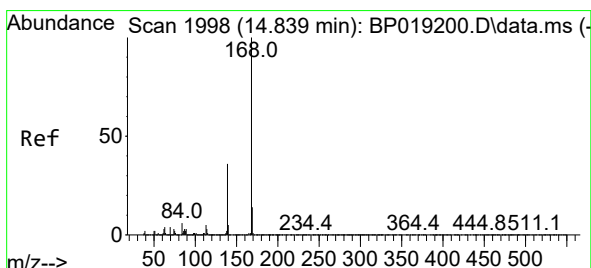
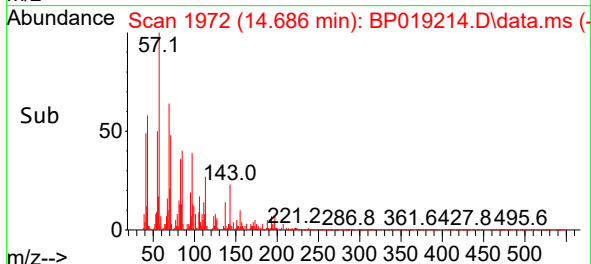
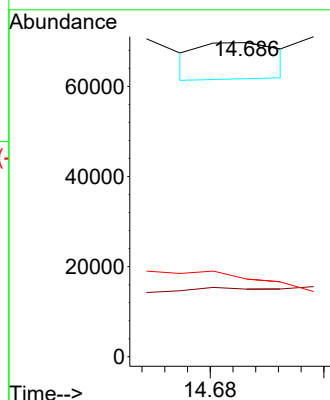
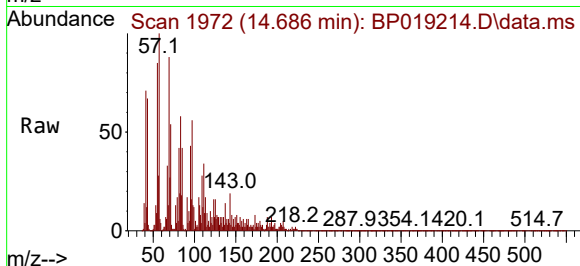




#55
4-Nitrophenol
Concen: 1.381 ng/ul
RT: 14.686 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

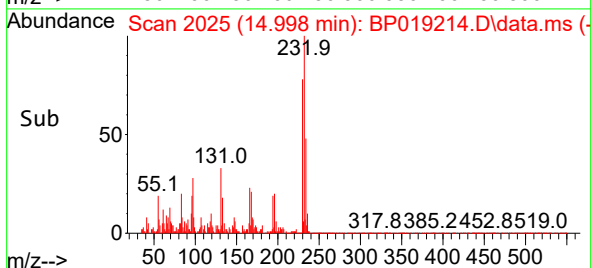
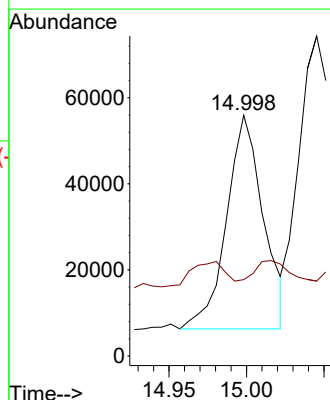
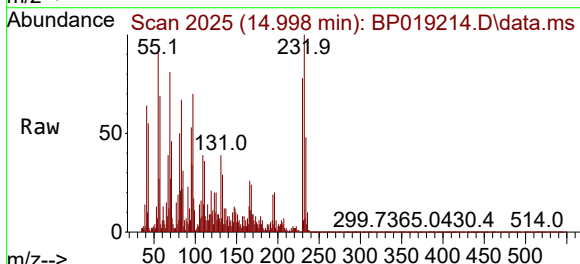
Instrument :
BNA_P
ClientSampleId :
GCF47

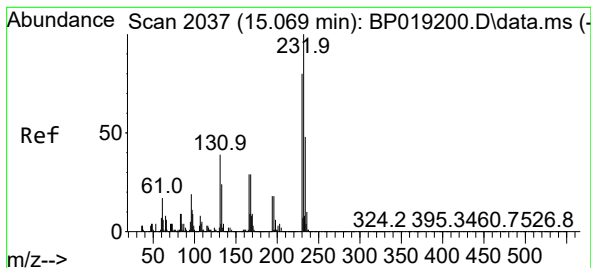
Tgt Ion:109 Resp: 8029
Ion Ratio Lower Upper
109 100
139 21.5 102.6 154.0#
65 24.7 92.9 139.3#



#56
Dibenzofuran
Concen: 1.608 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. 0.147 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

Tgt Ion:168 Resp: 81863
Ion Ratio Lower Upper
168 100
139 31.7 27.4 41.0

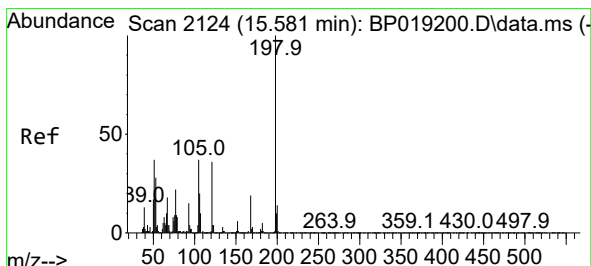
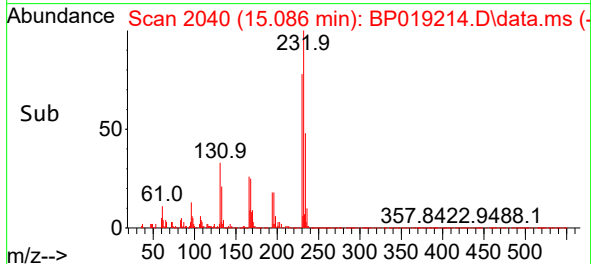
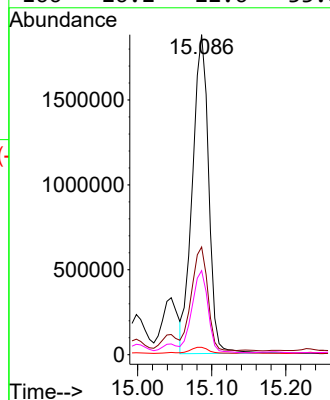
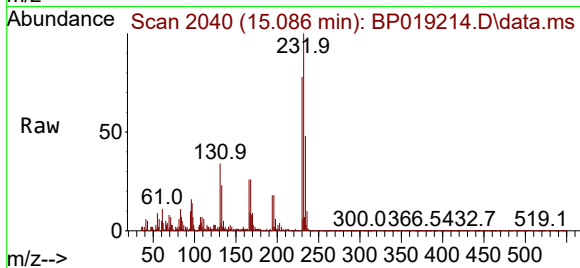




#58
2,3,4,6-Tetrachlorophenol
Concen: 256.705 ng/ul
RT: 15.086 min Scan# 2040
Delta R.T. 0.012 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

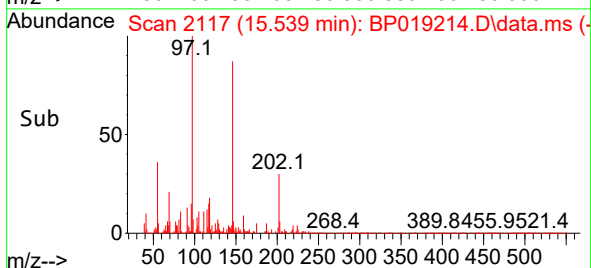
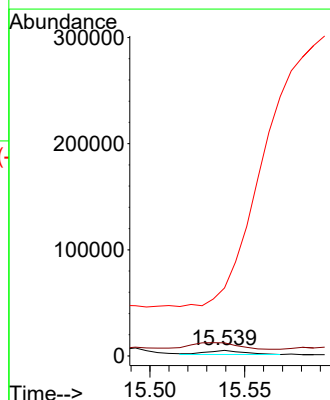
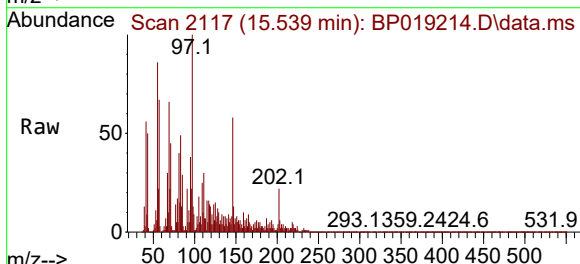
Instrument :
BNA_P
ClientSampleId :
GCF47

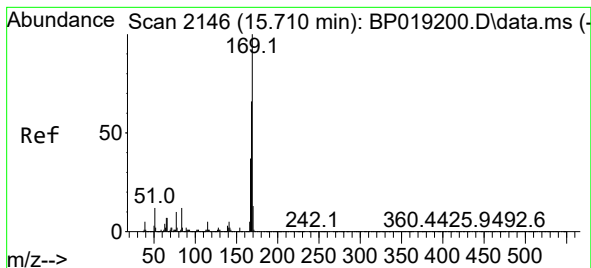
Tgt Ion:232 Resp: 2854865
Ion Ratio Lower Upper
232 100
131 33.6 29.3 43.9
130 2.3 1.4 2.2#
166 26.2 22.6 33.8



#66
4,6-Dinitro-2-methylphenol
Concen: 35.689 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.047 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

Tgt Ion:198 Resp: 5306
Ion Ratio Lower Upper
198 100
182 233.0 4.0 6.0#
77 1205.9 17.4 26.2#





#67

N-Nitrosodiphenylamine

Concen: 42.839 ng/ul

RT: 15.680 min Scan# 2146

Delta R.T. -0.036 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

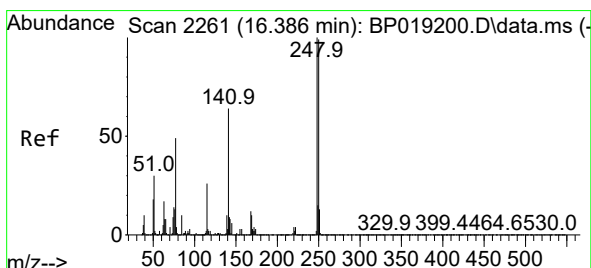
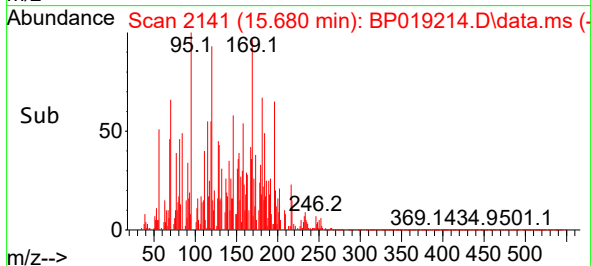
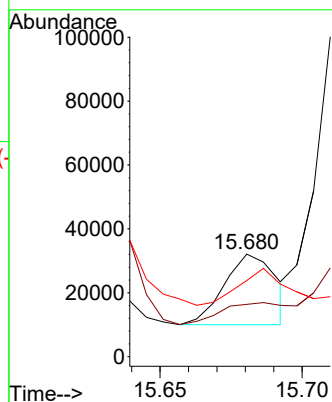
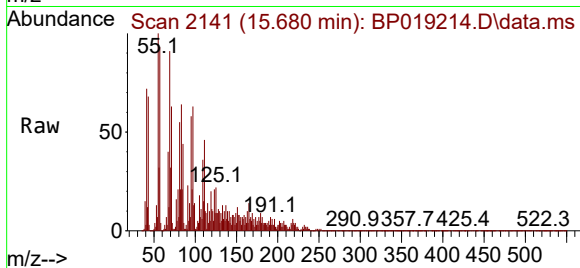
Tgt Ion:169 Resp: 28004

Ion Ratio Lower Upper

169 100

168 51.0 53.8 80.8#

167 74.2 29.5 44.3#



#68

4-Bromophenyl-phenylether

Concen: 11.844 ng/ul

RT: 16.375 min Scan# 2259

Delta R.T. -0.018 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

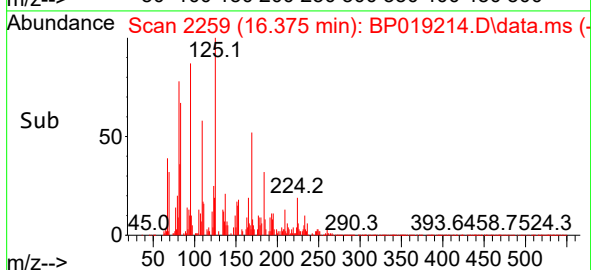
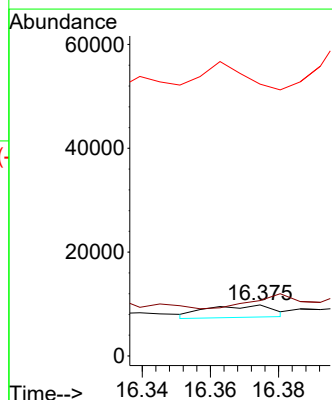
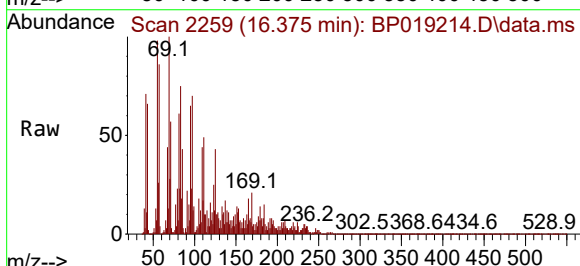
Tgt Ion:248 Resp: 3153

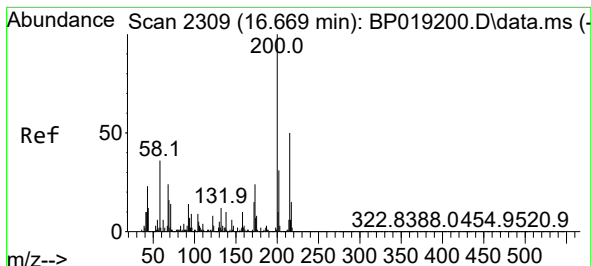
Ion Ratio Lower Upper

248 100

250 108.4 78.3 117.5

141 532.9 48.6 72.8#





#70

Atrazine

Concen: 37.168 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. 0.070 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

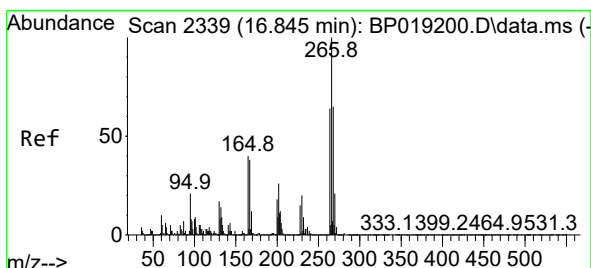
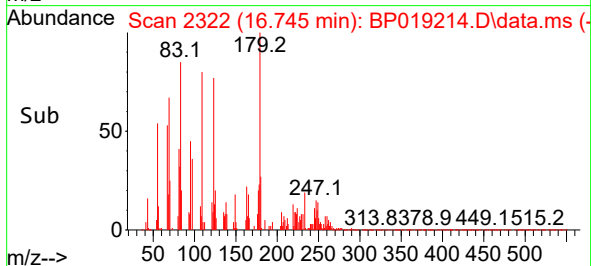
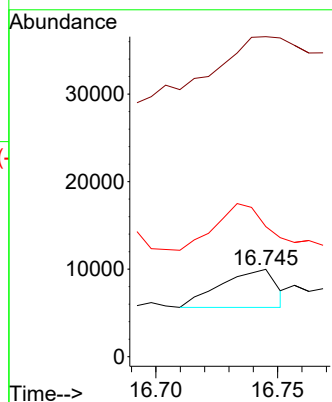
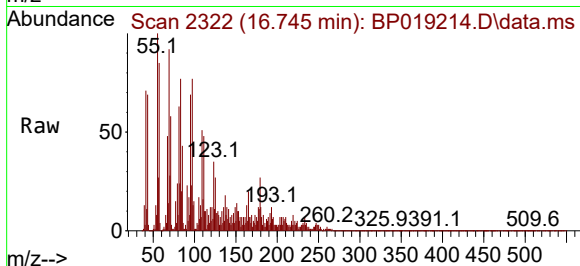
Tgt Ion:200 Resp: 6857

Ion Ratio Lower Upper

200 100

173 366.5 20.2 30.2#

215 149.0 39.9 59.9#



#71

Pentachlorophenol

Concen: 137992.979 ng/ul

RT: 16.910 min Scan# 2350

Delta R.T. 0.059 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

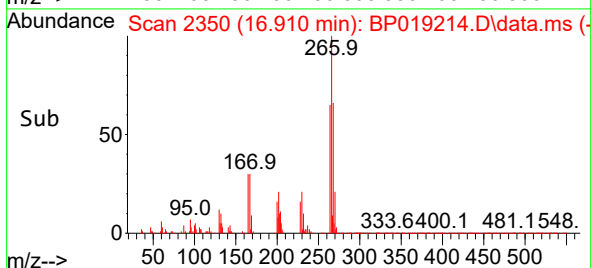
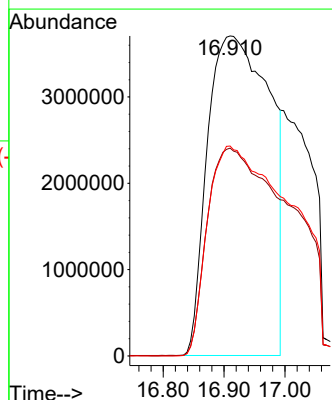
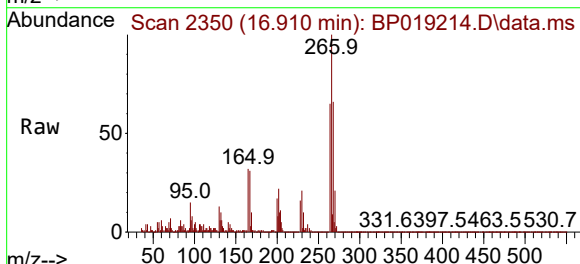
Tgt Ion:266 Resp:26358598

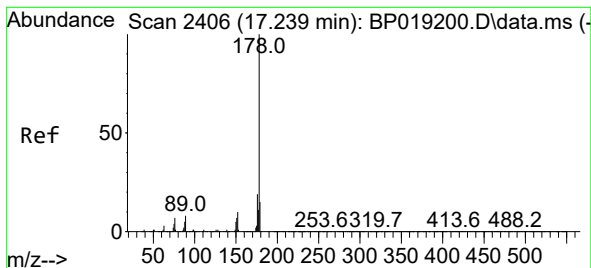
Ion Ratio Lower Upper

266 100

264 64.9 50.0 75.0

268 65.6 52.8 79.2





#72

Phenanthrene

Concen: 41.703 ng/ul

RT: 17.251 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

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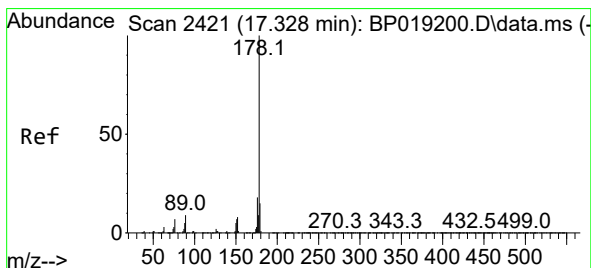
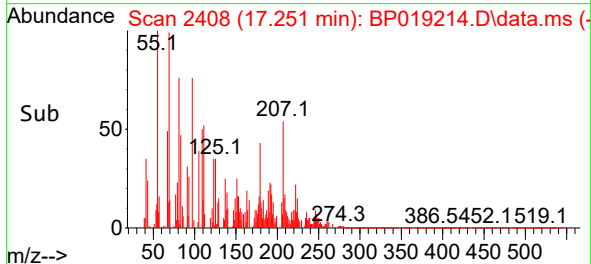
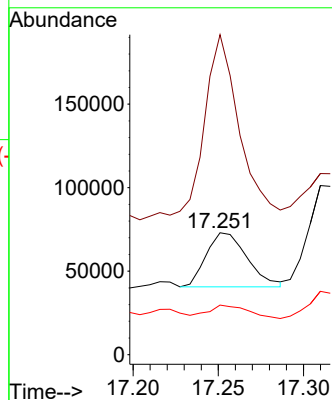
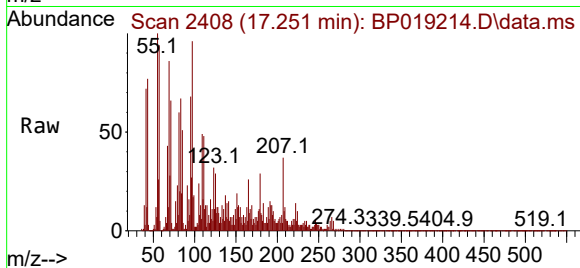
Tgt Ion:178 Resp: 54132

Ion Ratio Lower Upper

178 100

179 262.6 11.9 17.9#

176 40.7 15.0 22.6#



#74

Anthracene

Concen: 61.282 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. -0.030 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

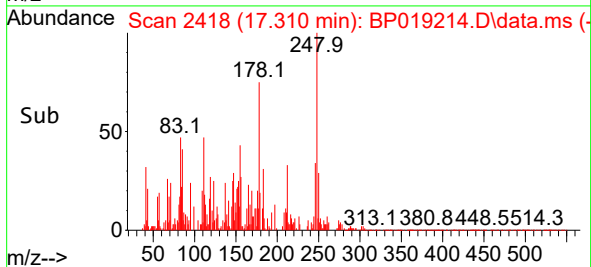
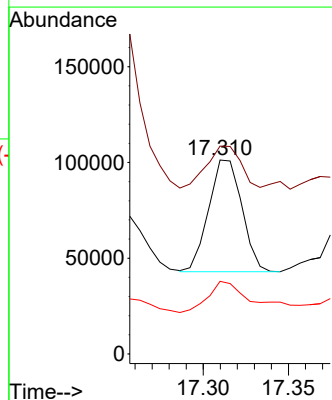
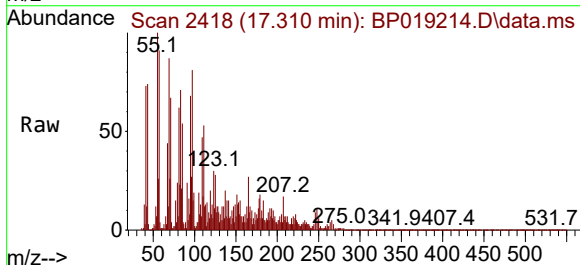
Tgt Ion:178 Resp: 79191

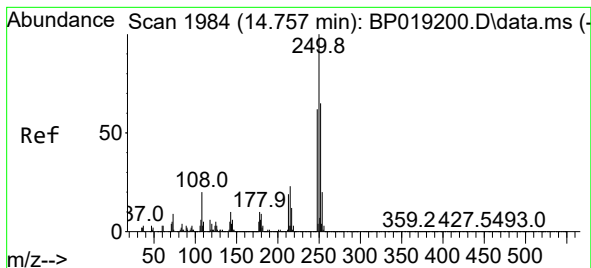
Ion Ratio Lower Upper

178 100

179 107.2 12.2 18.4#

176 37.5 14.9 22.3#





#76

Pentachlorobenzene

Concen: 77.558 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

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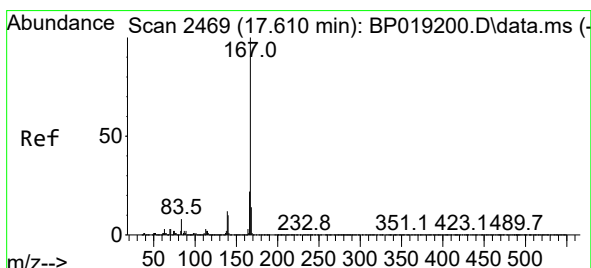
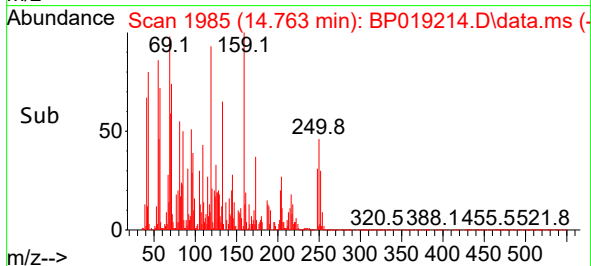
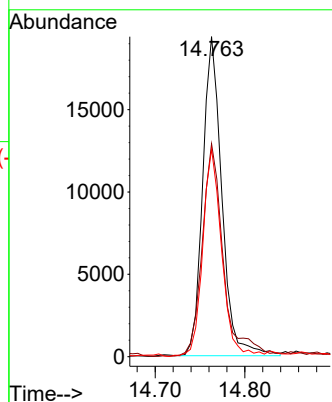
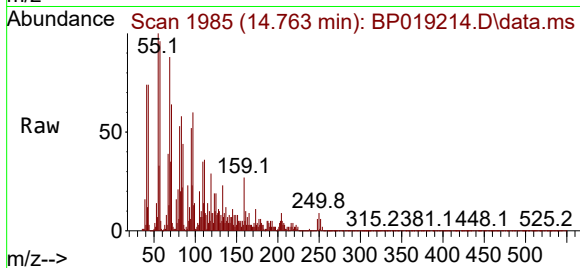
Tgt Ion:250 Resp: 28702

Ion Ratio Lower Upper

250 100

248 66.6 50.4 75.6

252 64.9 52.1 78.1



#77

Carbazole

Concen: 1.864 ng/uL

RT: 17.586 min Scan# 2465

Delta R.T. -0.030 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

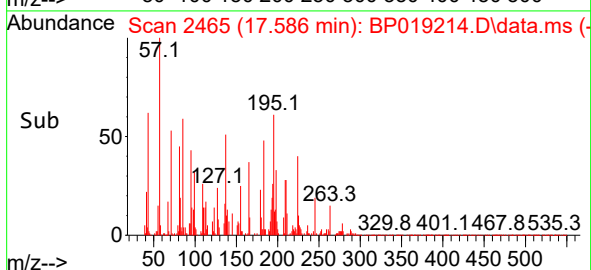
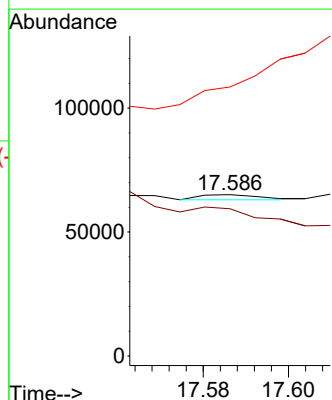
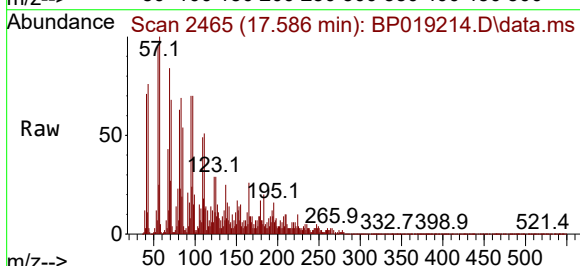
Tgt Ion:167 Resp: 2004

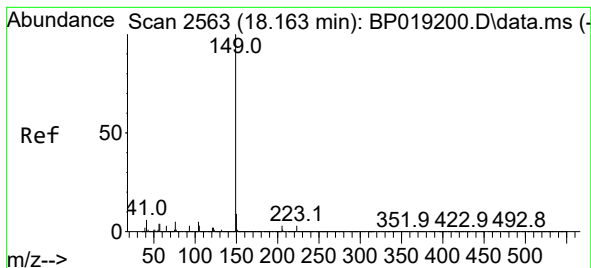
Ion Ratio Lower Upper

167 100

166 91.2 17.4 26.0#

139 166.7 9.8 14.6#





#78

Di-n-butylphthalate

Concen: 29.511 ng/ul

RT: 18.133 min Scan# 21

Delta R.T. -0.036 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

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ClientSampleId :

GCF47

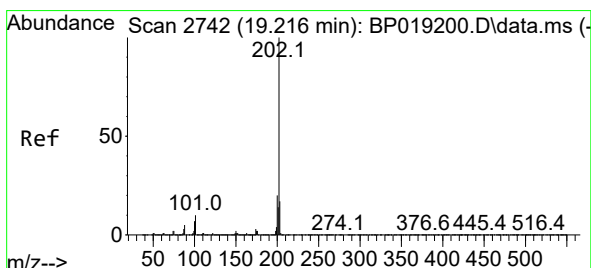
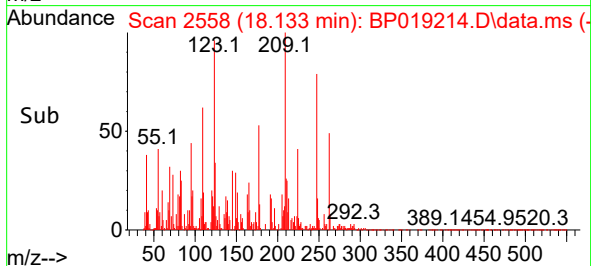
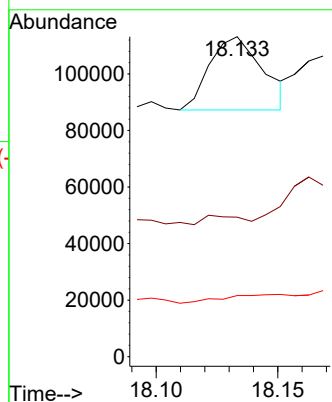
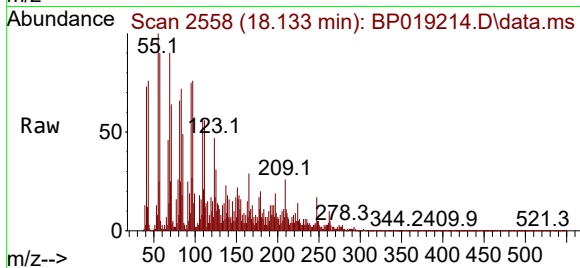
Tgt Ion:149 Resp: 39341

Ion Ratio Lower Upper

149 100

150 43.6 7.3 10.9#

104 19.1 3.9 5.9#



#80

Fluoranthene

Concen: 2.026 ng/ul

RT: 19.257 min Scan# 2749

Delta R.T. 0.035 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

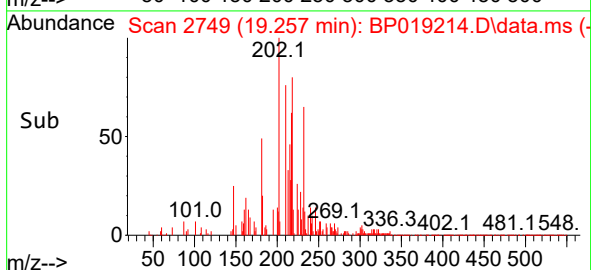
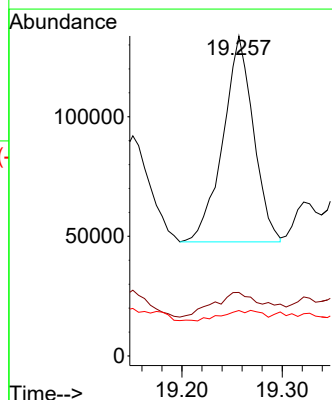
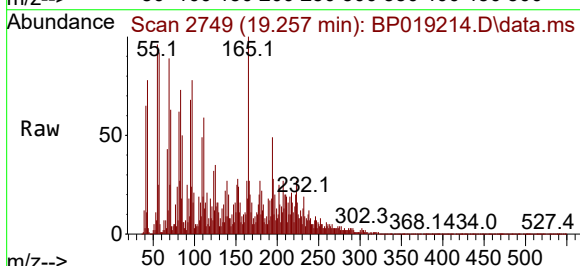
Tgt Ion:202 Resp: 182064

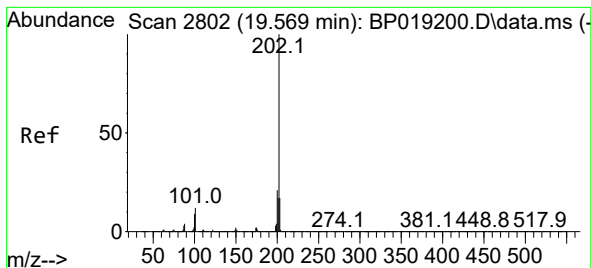
Ion Ratio Lower Upper

202 100

101 19.8 7.8 11.6#

100 14.2 6.0 9.0#





#82

Pyrene

Concen: 37.074 ng/ul

RT: 19.616 min Scan# 21

Delta R.T. 0.041 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

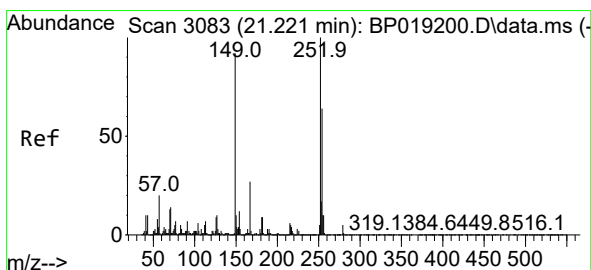
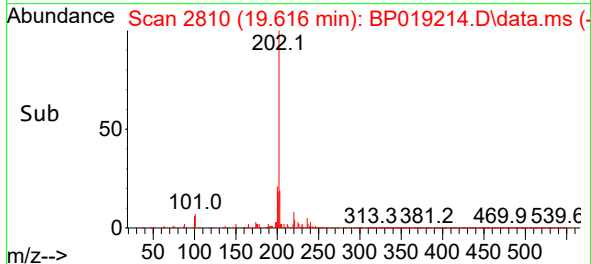
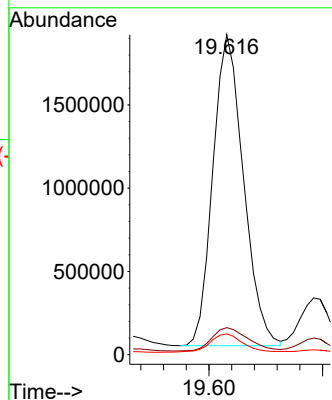
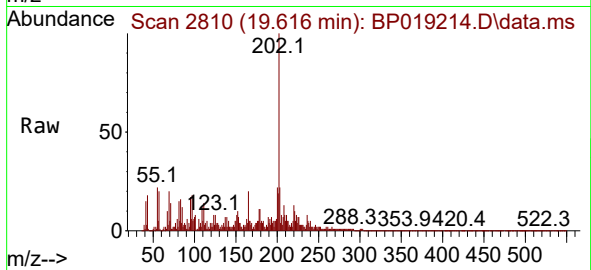
Tgt Ion:202 Resp: 3491047

Ion Ratio Lower Upper

202 100

101 8.4 9.2 13.8#

100 6.5 7.8 11.6#



#84

3,3'-Dichlorobenzidine

Concen: 1.003 ng/ul

RT: 21.251 min Scan# 3088

Delta R.T. 0.023 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

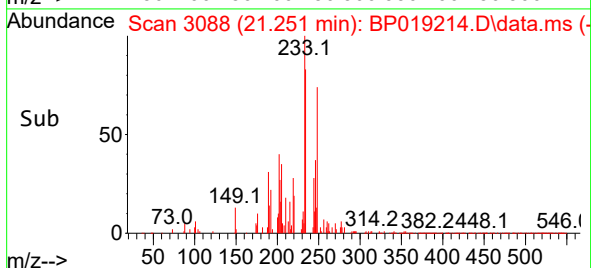
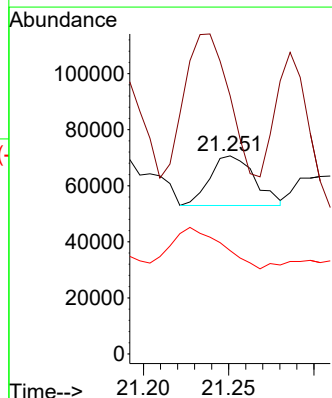
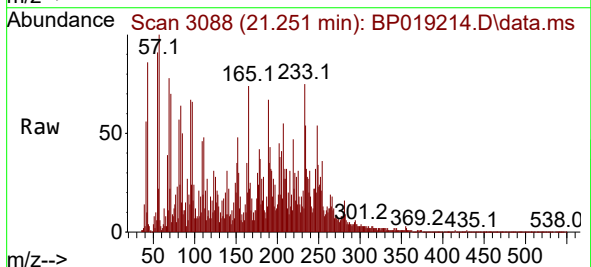
Tgt Ion:252 Resp: 32253

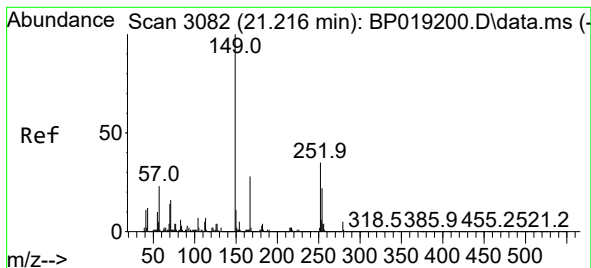
Ion Ratio Lower Upper

252 100

254 130.3 51.5 77.3#

126 52.1 7.6 11.4#

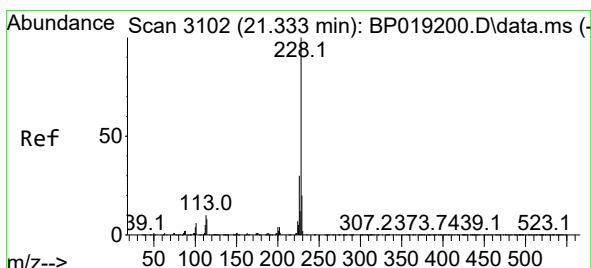
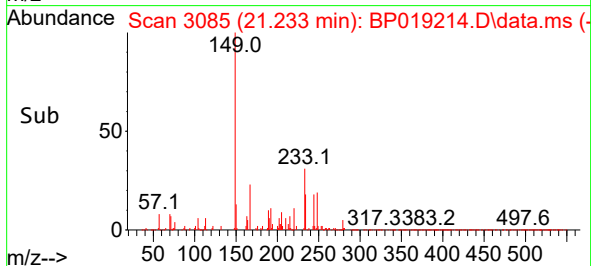
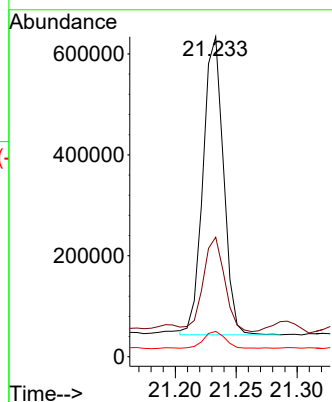
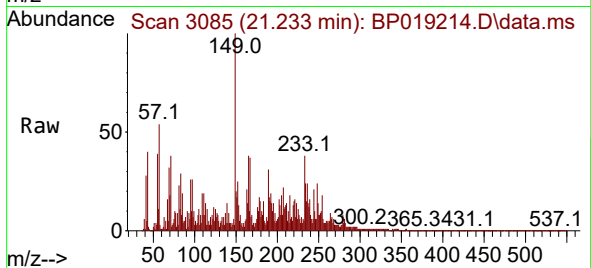




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 13.959 ng/ul
 RT: 21.233 min Scan# 3085
 Delta R.T. 0.012 min
 Lab File: BP019214.D
 Acq: 02 Jan 2024 18:37

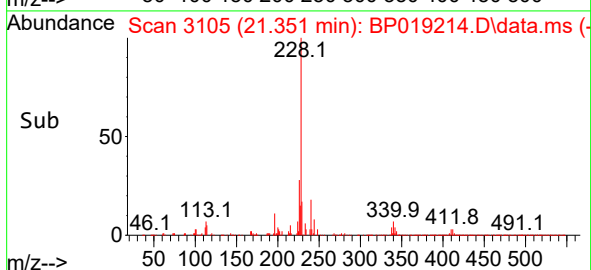
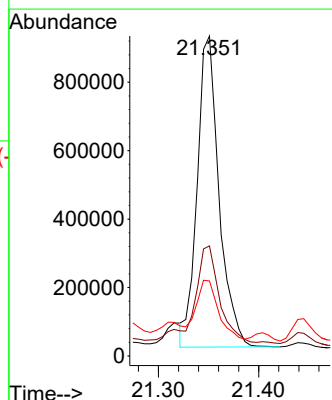
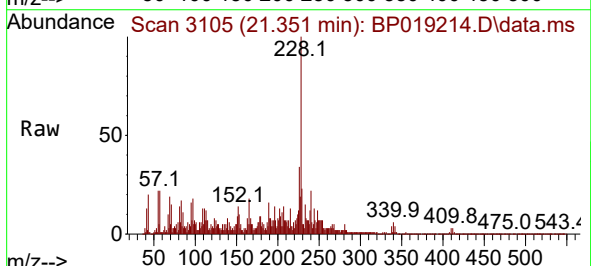
Instrument :
 BNA_P
 ClientSampleId :
 GCF47

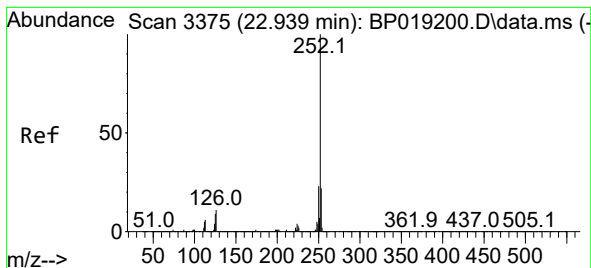
Tgt Ion:149 Resp: 691377
 Ion Ratio Lower Upper
 149 100
 167 37.3 22.5 33.7#
 279 7.9 4.0 6.0#



#87
 Chrysene
 Concen: 14.587 ng/ul
 RT: 21.351 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BP019214.D
 Acq: 02 Jan 2024 18:37

Tgt Ion:228 Resp: 1381167
 Ion Ratio Lower Upper
 228 100
 226 34.4 23.4 35.2
 229 23.5 15.6 23.4#





#90

Benzo(b)fluoranthene

Concen: 3.969 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. 0.029 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

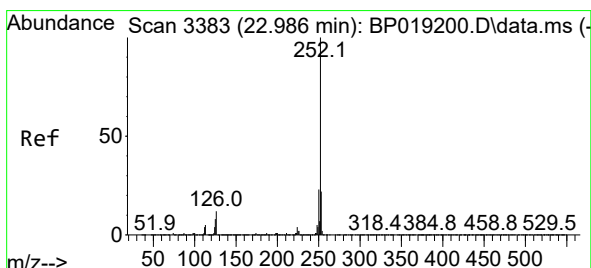
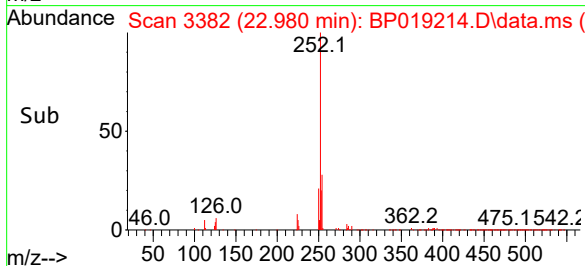
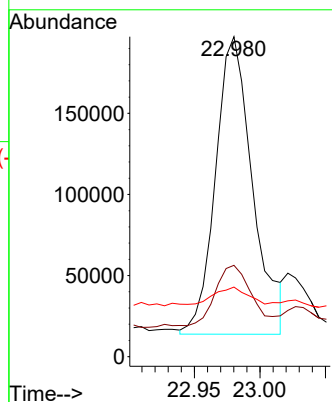
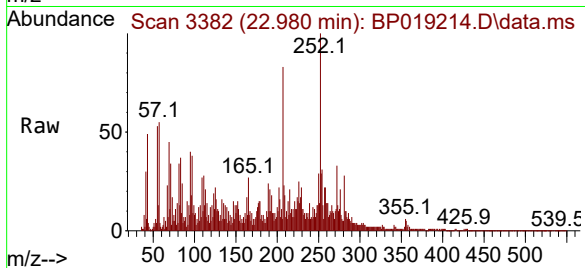
Tgt Ion:252 Resp: 361160

Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

125 21.7 6.8 10.2#



#91

Benzo(k)fluoranthene

Concen: 3.909 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. -0.018 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

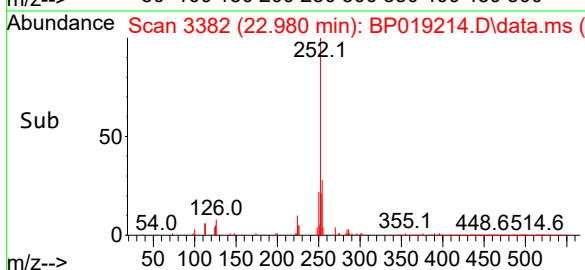
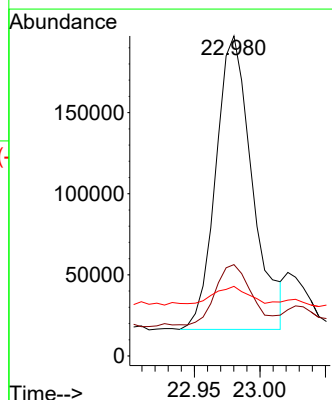
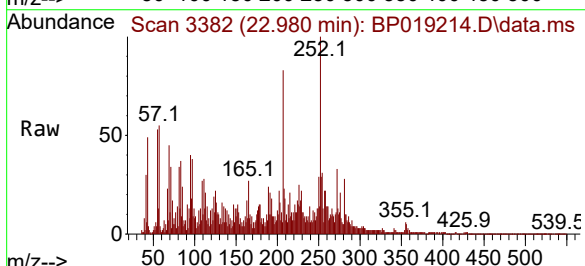
Tgt Ion:252 Resp: 349555

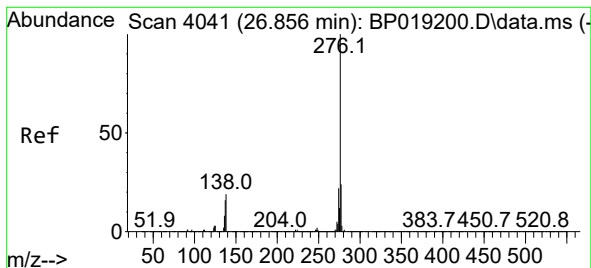
Ion Ratio Lower Upper

252 100

253 28.6 17.4 26.0#

125 21.7 6.7 10.1#





#96

Benzo(g,h,i)perylene

Concen: 1.011 ng/ul

RT: 26.950 min Scan# 4057

Delta R.T. 0.076 min

Lab File: BP019214.D

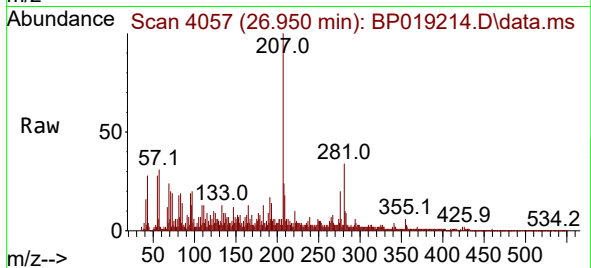
Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47



Tgt Ion:276 Resp: 88917

Ion Ratio Lower Upper

276 100

138 29.5 15.2 22.8#

277 32.5 19.4 29.0#

