

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020908.D
 Acq On : 11 Jul 2024 18:08
 Operator : MA/JU
 Sample : P3088-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D12

Quant Time: Jul 11 23:05:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

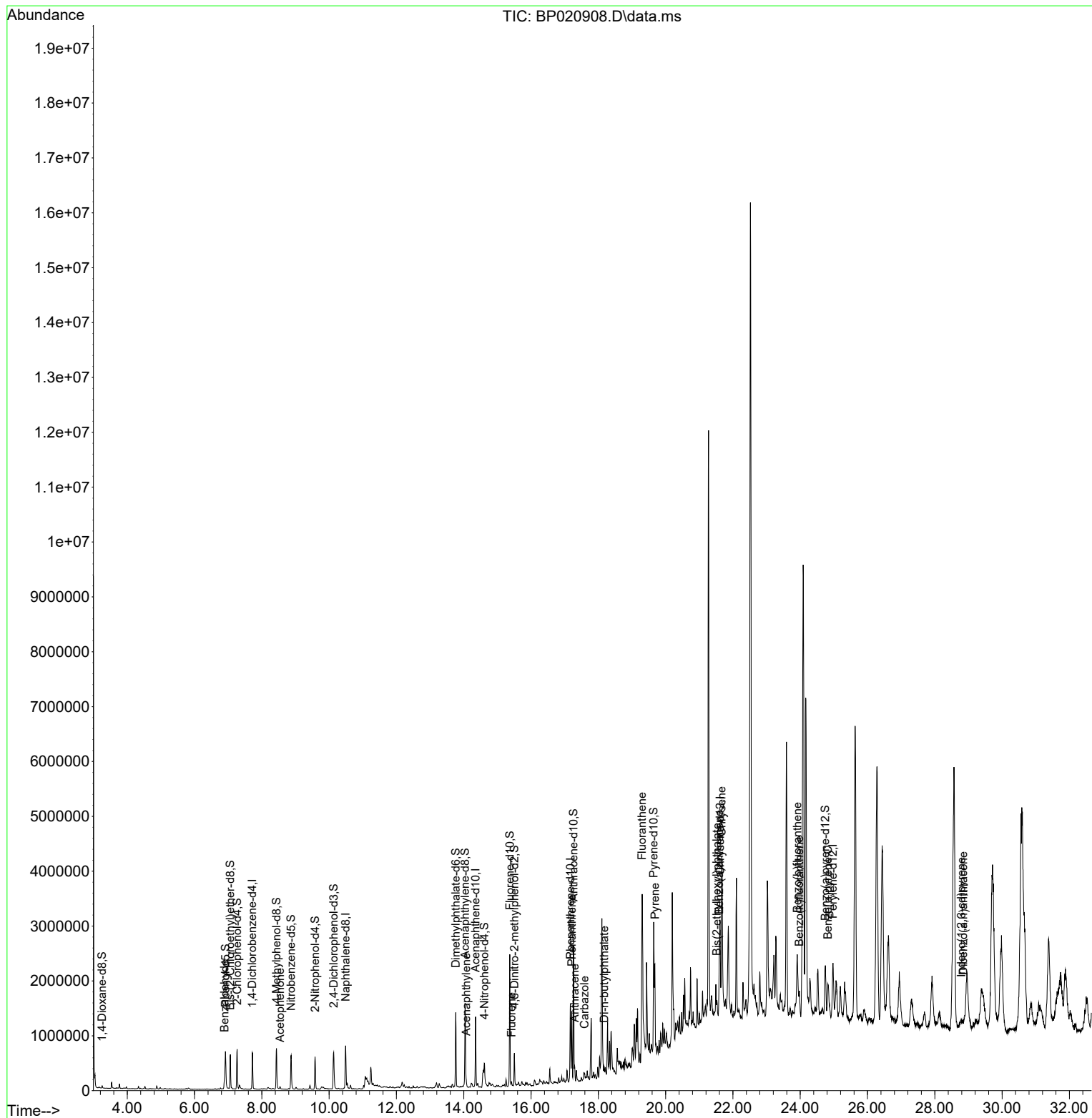
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	181168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	713432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	441799	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.169	188	928731	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	849748	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	999487	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18881	4.743	ng/uL	0.00
4) Pyridine-d5	3.676	84	129	0.011	ng/ul	0.00
7) Phenol-d5	6.917	99	381458	25.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	253366	28.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.264	132	340254	27.960	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	292830	23.871	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	161398	29.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	187474	29.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	312781	27.273	ng/ul	0.01
31) 4-Chloroaniline-d4	10.640	131	95	0.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	949896	29.577	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	1059324	29.375	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	129044	28.240	ng/ul	0.00
60) Fluorene-d10	15.369	176	809878	30.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	122654	21.827	ng/ul	0.00
73) Anthracene-d10	17.263	188	1249753	30.297	ng/ul	-0.01
81) Pyrene-d10	19.645	212	1192659	22.702	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	866975	17.588	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.893	77	112232	15.072	ng/ul	93
16) Acetophenone	8.540	105	21824	1.153	ng/ul	95
50) Acenaphthylene	14.075	152	77765	1.905	ng/ul	100
61) Fluorene	15.422	166	32037	1.058	ng/ul#	95
72) Phenanthrene	17.210	178	719009	14.924	ng/ul	99
74) Anthracene	17.298	178	157645	3.210	ng/ul	100
77) Carbazole	17.592	167	70556	1.757	ng/ul#	97
78) Di-n-butylphthalate	18.175	149	75438	1.362	ng/ul#	95
80) Fluoranthene	19.298	202	1436287	22.639	ng/ul	99
82) Pyrene	19.681	202	1048154	16.235	ng/ul	99
85) Benzo(a)anthracene	21.592	228	738556	12.407	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.522	149	147213	3.803	ng/ul#	98
87) Chrysene	21.663	228	821128	14.845	ng/ul	97
90) Benzo(b)fluoranthene	23.916	252	1189248	19.607	ng/ul#	96
91) Benzo(k)fluoranthene	23.974	252	397162	6.561	ng/ul#	94
93) Benzo(a)pyrene	24.821	252	397977	6.943	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.786	276	398164	5.391	ng/ul	99
95) Dibenzo(a,h)anthracene	28.845	278	69596	1.138	ng/ul#	78

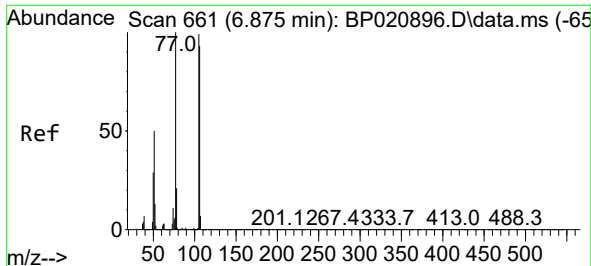
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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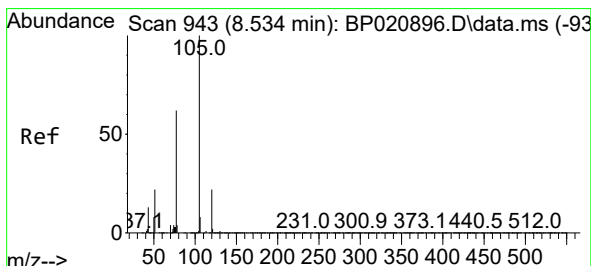
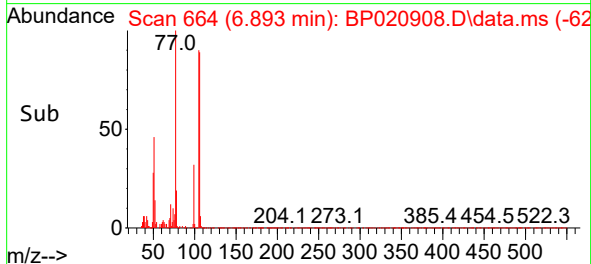
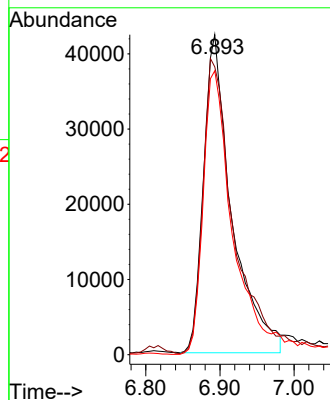
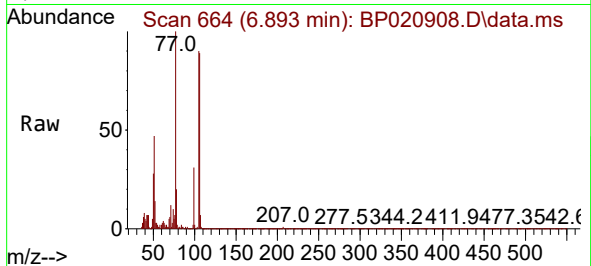




#6
Benzaldehyde
Concen: 15.072 ng/ul
RT: 6.893 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

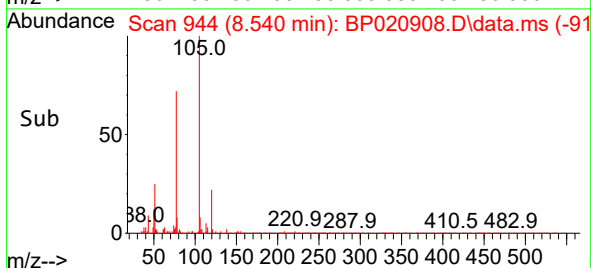
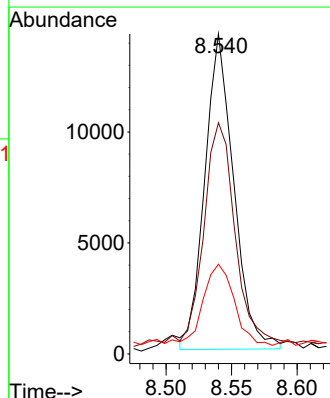
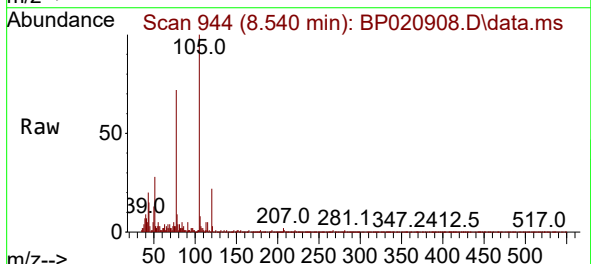
Instrument :
BNA_P
ClientSampleId :
A4D12

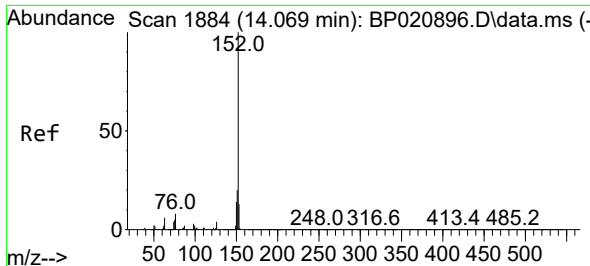
Tgt Ion: 77 Resp: 112232
Ion Ratio Lower Upper
77 100
105 90.0 79.3 118.9
106 88.7 74.6 112.0



#16
Acetophenone
Concen: 1.153 ng/ul
RT: 8.540 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

Tgt Ion: 105 Resp: 21824
Ion Ratio Lower Upper
105 100
77 72.3 61.8 92.8
51 28.1 21.5 32.3

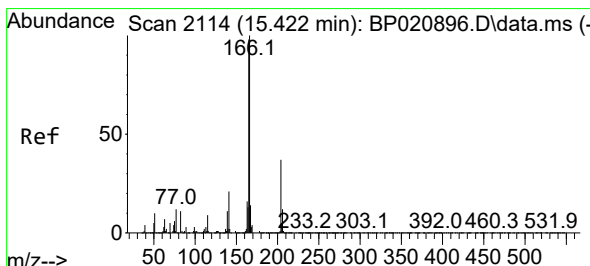
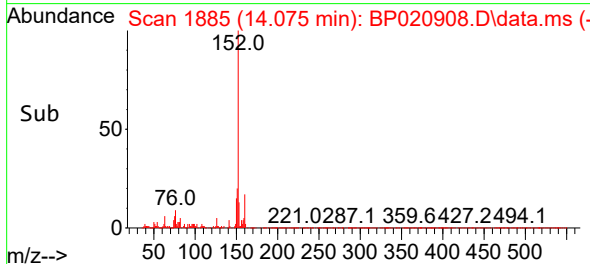
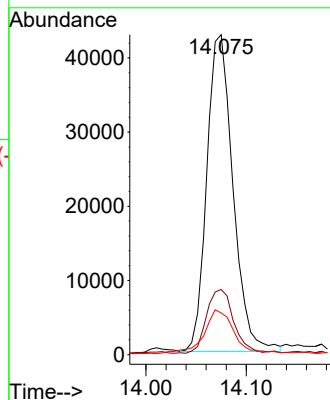
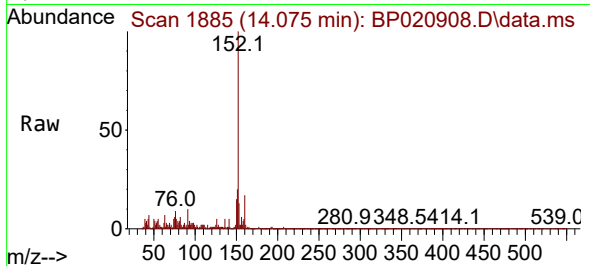




#50
Acenaphthylene
Concen: 1.905 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

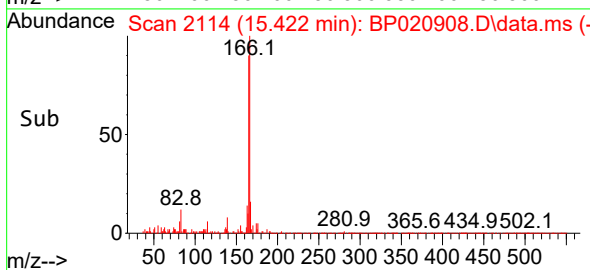
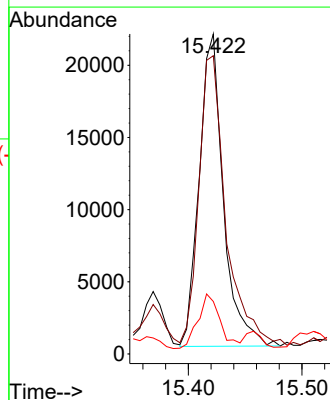
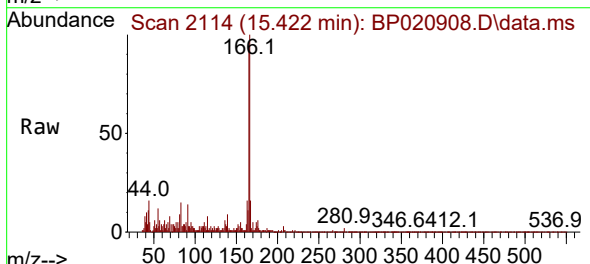
Instrument :
BNA_P
ClientSampleId :
A4D12

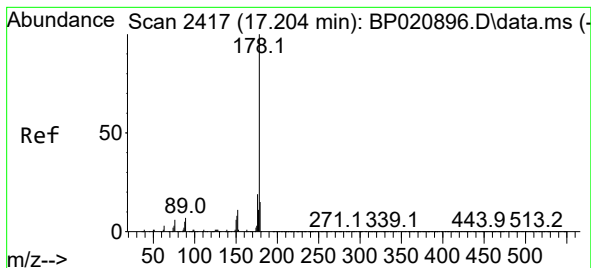
Tgt Ion:152 Resp: 77765
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.3 15.5



#61
Fluorene
Concen: 1.058 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

Tgt Ion:166 Resp: 32037
Ion Ratio Lower Upper
166 100
165 93.2 78.1 117.1
167 16.4 10.9 16.3#





#72

Phenanthrene

Concen: 14.924 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

A4D12

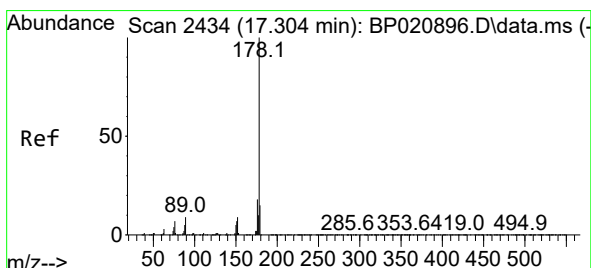
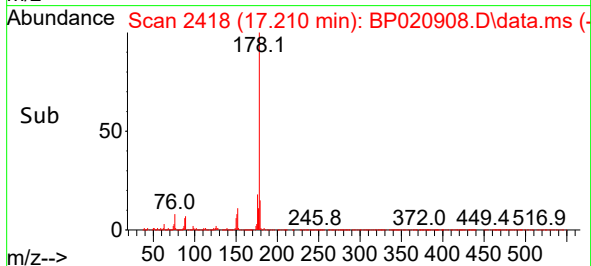
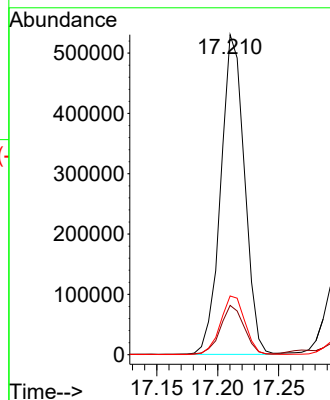
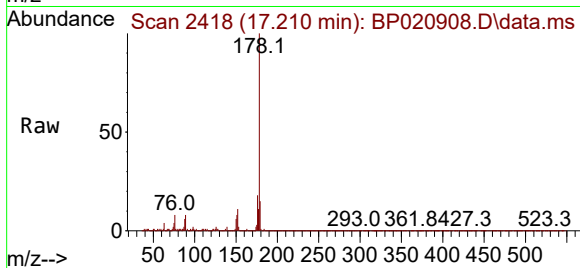
Tgt Ion:178 Resp: 719009

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.3 15.0 22.4



#74

Anthracene

Concen: 3.210 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

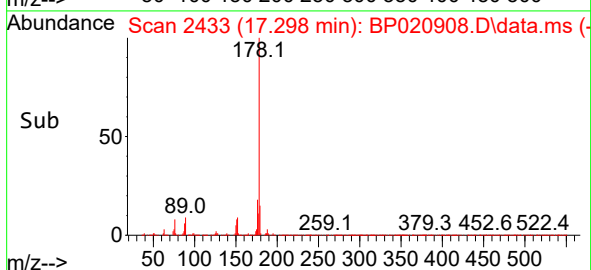
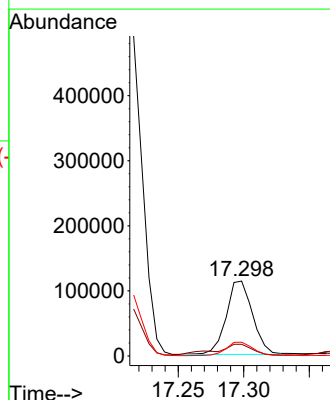
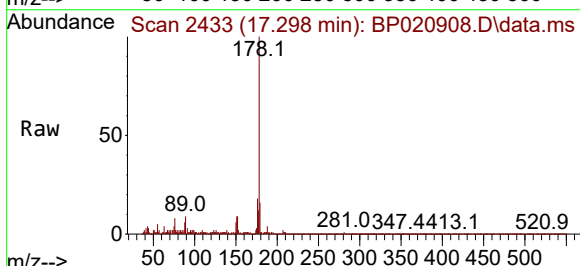
Tgt Ion:178 Resp: 157645

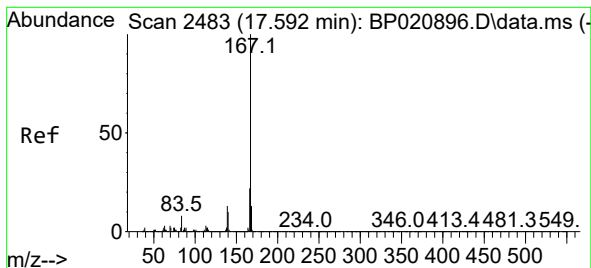
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.4 14.8 22.2





#77

Carbazole

Concen: 1.757 ng/ul

RT: 17.592 min Scan# 2483

Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

A4D12

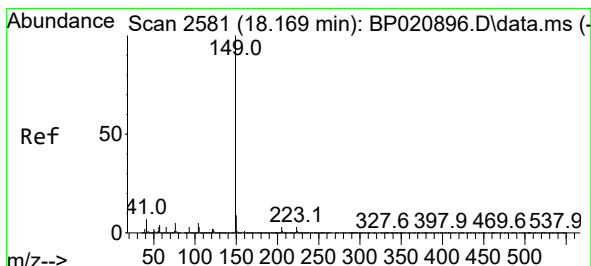
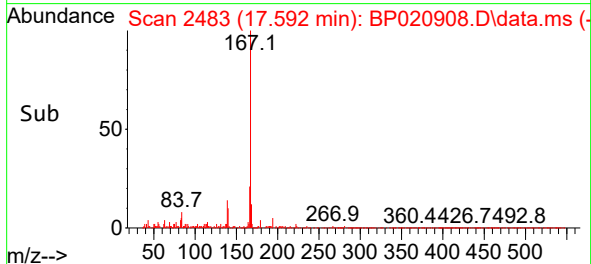
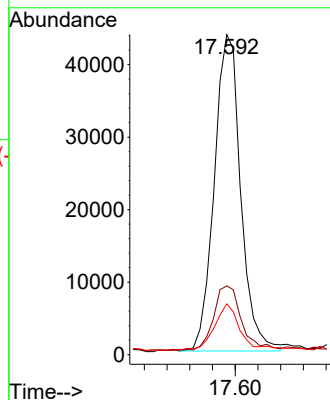
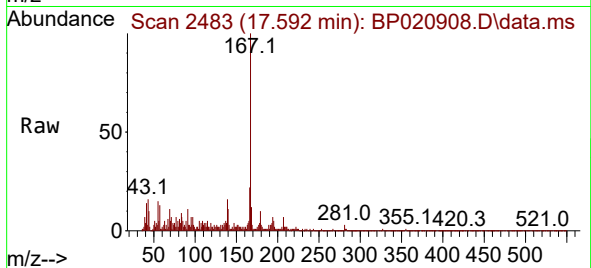
Tgt Ion:167 Resp: 70556

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 15.9 10.2 15.2#



#78

Di-n-butylphthalate

Concen: 1.362 ng/ul

RT: 18.175 min Scan# 2582

Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

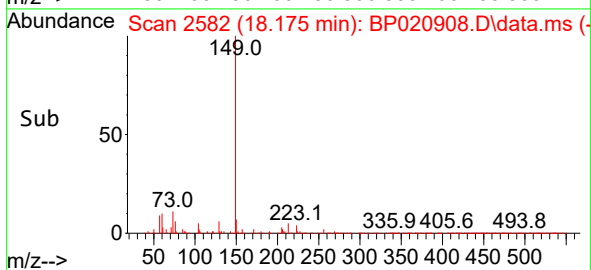
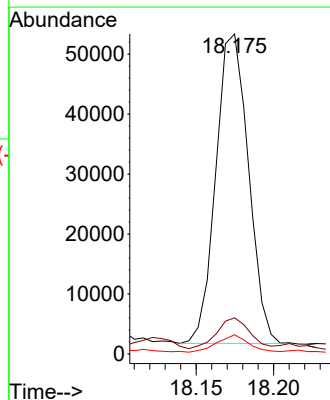
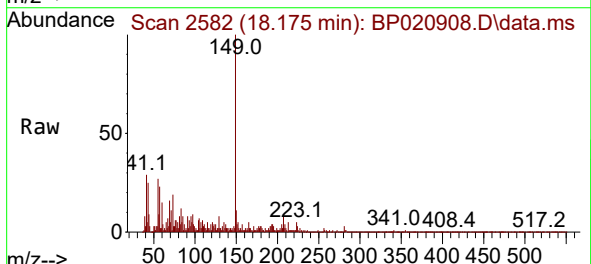
Tgt Ion:149 Resp: 75438

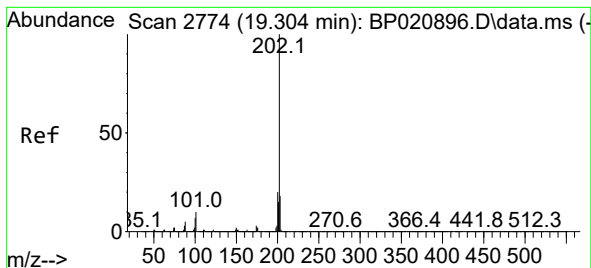
Ion Ratio Lower Upper

149 100

150 11.3 7.4 11.0#

104 6.0 3.9 5.9#





#80

Fluoranthene

Concen: 22.639 ng/ul

RT: 19.298 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020908.D

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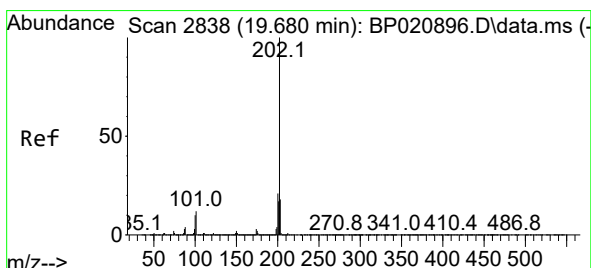
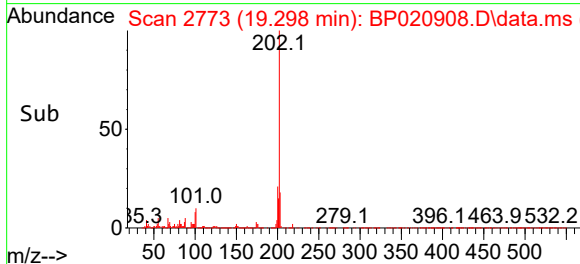
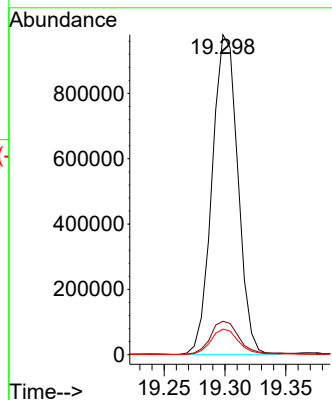
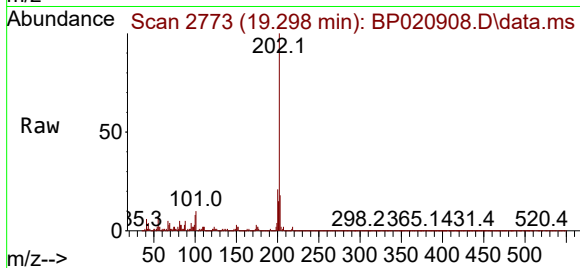
Tgt Ion:202 Resp: 1436287

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

100 8.0 6.1 9.1



#82

Pyrene

Concen: 16.235 ng/ul

RT: 19.681 min Scan# 2838

Delta R.T. -0.012 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

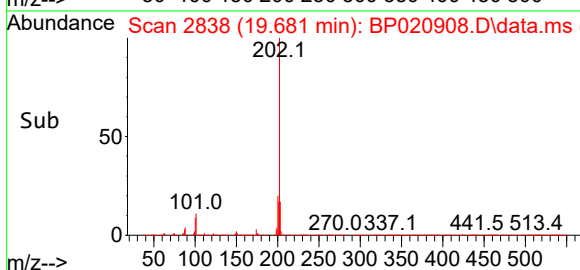
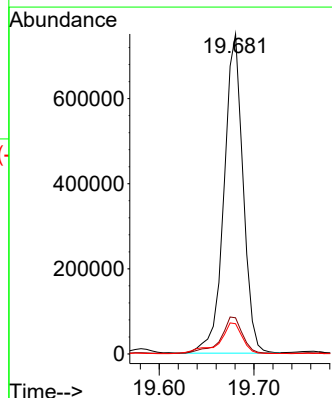
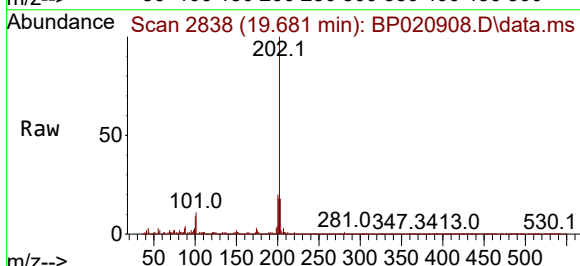
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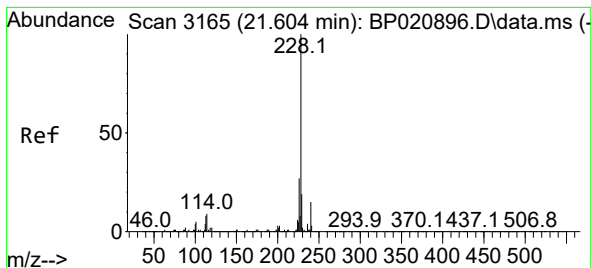
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 12.407 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.017 min

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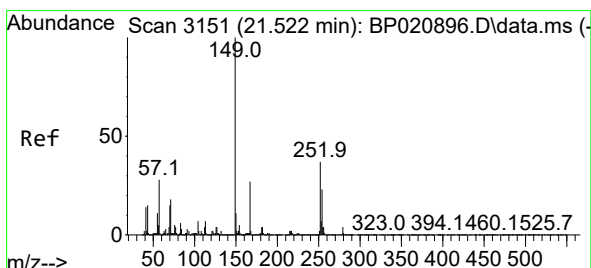
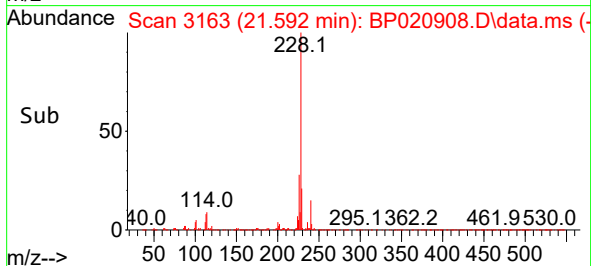
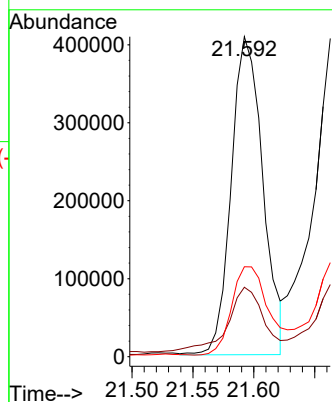
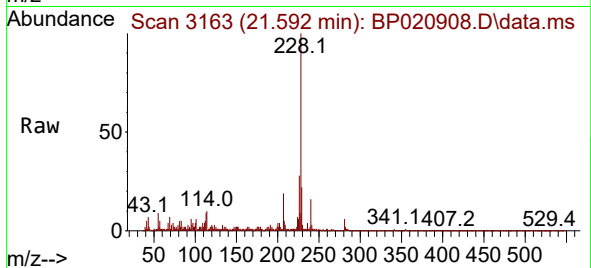
Tgt Ion:228 Resp: 738556

Ion Ratio Lower Upper

228 100

229 21.7 15.5 23.3

226 28.1 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.803 ng/ul

RT: 21.522 min Scan# 3151

Delta R.T. -0.017 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

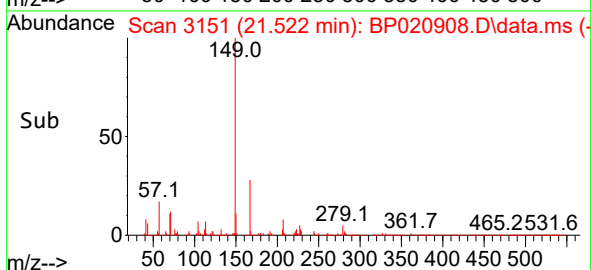
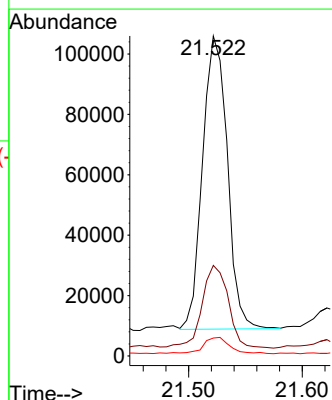
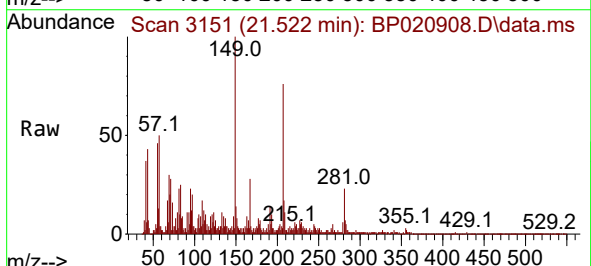
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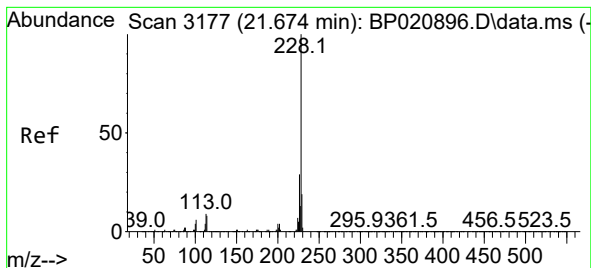
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 5.6 3.7 5.5#





#87

Chrysene

Concen: 14.845 ng/ul

RT: 21.663 min Scan# 3175

Delta R.T. -0.012 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

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ClientSampleId :

A4D12

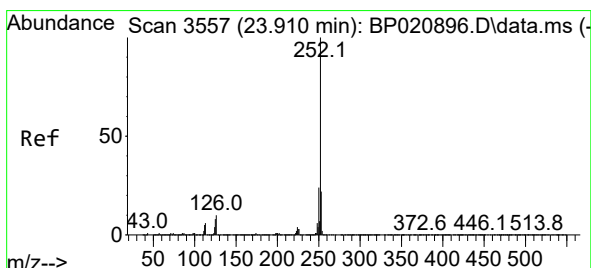
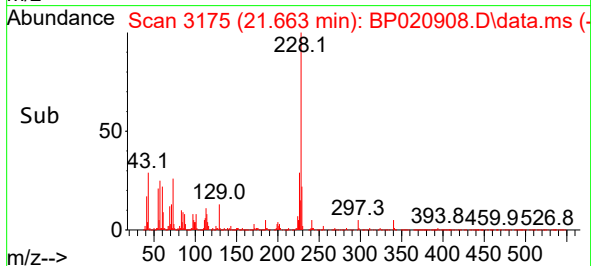
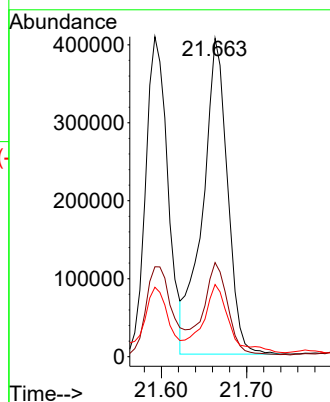
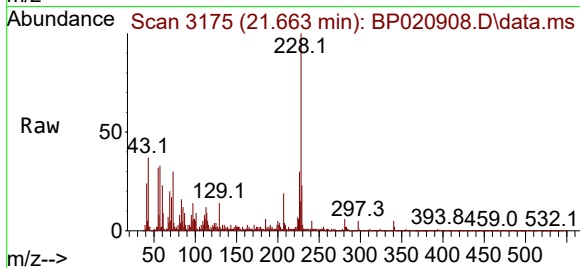
Tgt Ion:228 Resp: 821128

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 22.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 19.607 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

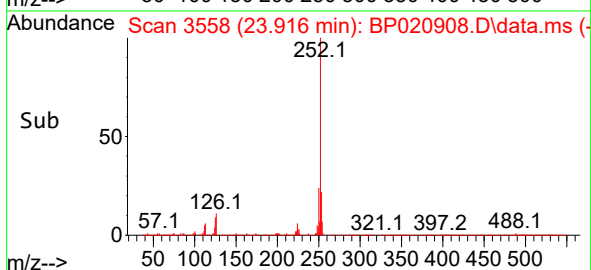
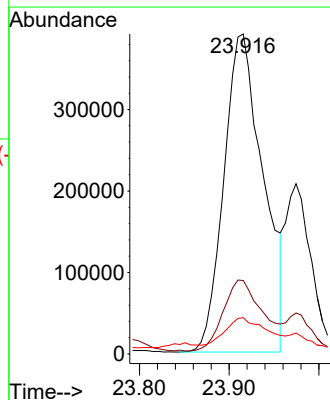
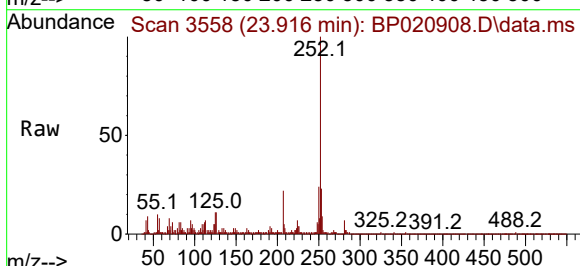
Tgt Ion:252 Resp: 1189248

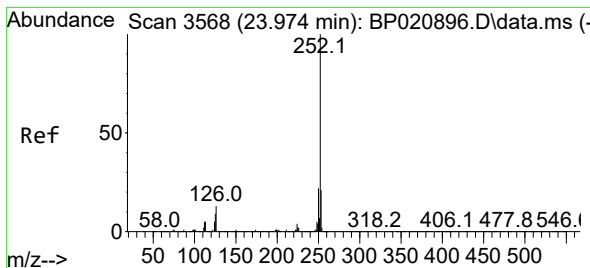
Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 11.4 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 6.561 ng/ul

RT: 23.974 min Scan# 3568

Delta R.T. -0.017 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

A4D12

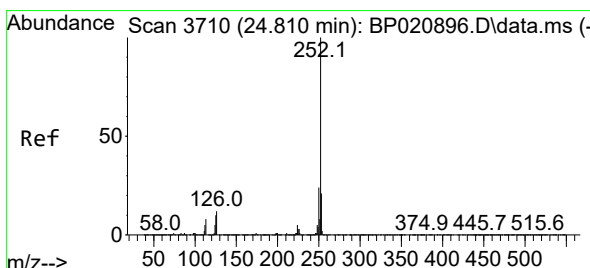
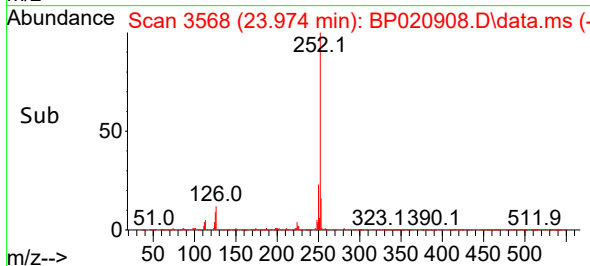
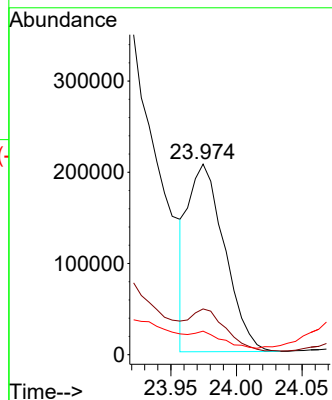
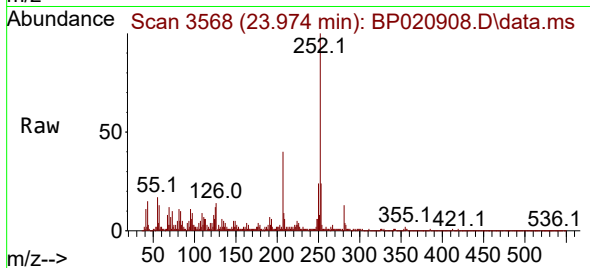
Tgt Ion:252 Resp: 397162

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 12.4 7.4 11.0#



#93

Benzo(a)pyrene

Concen: 6.943 ng/ul

RT: 24.821 min Scan# 3712

Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

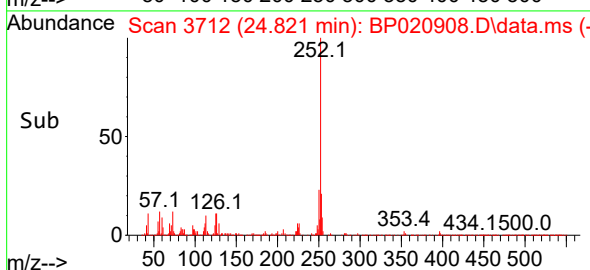
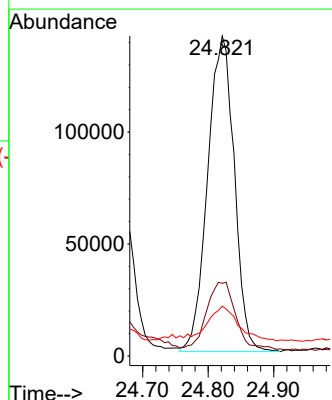
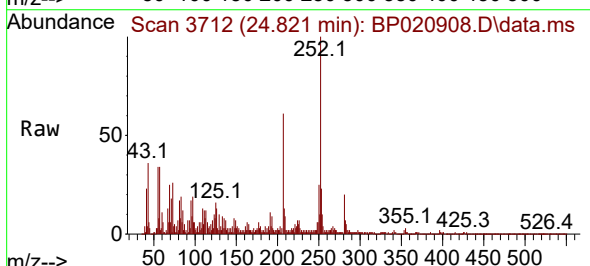
Tgt Ion:252 Resp: 397977

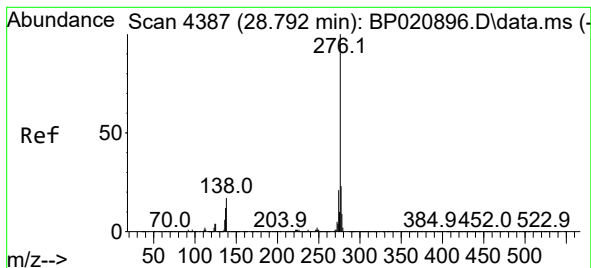
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 15.5 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.391 ng/ul

RT: 28.786 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

A4D12

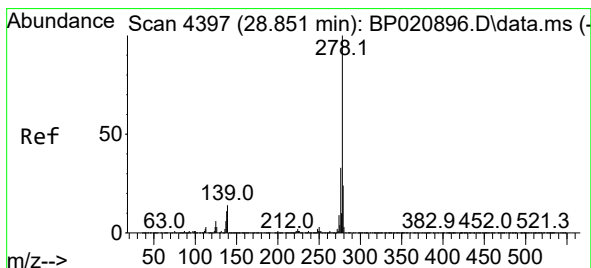
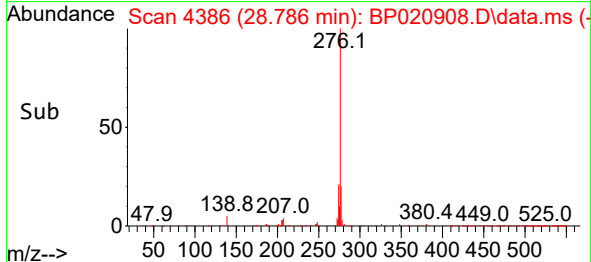
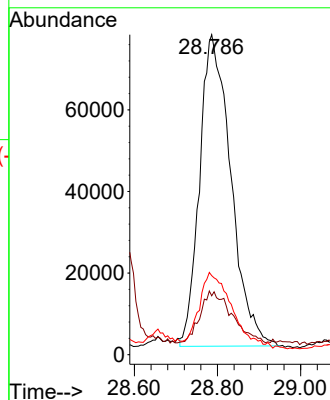
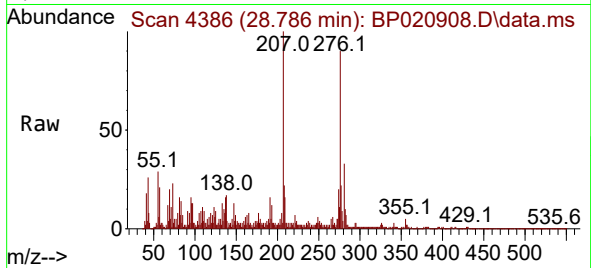
Tgt Ion:276 Resp: 398164

Ion Ratio Lower Upper

276 100

138 18.4 14.3 21.5

277 24.7 19.2 28.8



#95

Dibenzo(a,h)anthracene

Concen: 1.138 ng/ul

RT: 28.845 min Scan# 4396

Delta R.T. -0.017 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Tgt Ion:278 Resp: 69596

Ion Ratio Lower Upper

278 100

139 24.2 10.9 16.3#

279 34.1 19.4 29.0#

