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 Data File : BP021238.D
 Acq On : 30 Jul 2024 17:03
 Operator : MA/JU
 Sample : P3263-04ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

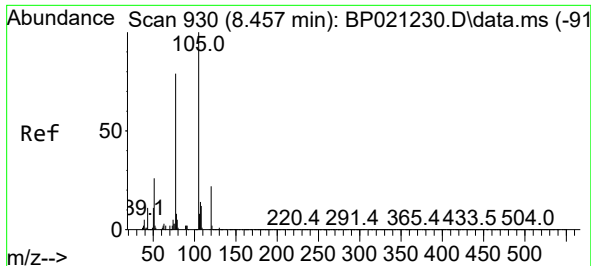
Instrument :
 BNA_P
 ClientSampleId :
 A4BA6ME

Quant Time: Jul 30 22:54:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	133601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	509382	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.275	164	320648	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	551447	20.000	ng/u1	0.11
79) Chrysene-d12	21.627	240	1680	20.000	ng/u1	# 0.09
88) Perylene-d12	24.857	264	911969	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	8034	2.736	ng/uL	0.00
4) Pyridine-d5	3.605	84	122	0.014	ng/u1	0.01
7) Phenol-d5	6.858	99	153882	14.128	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	91736	13.898	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	138491	15.432	ng/u1	0.01
15) 4-Methylphenol-d8	8.375	113	130588	14.435	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	62413	15.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	71570	15.805	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	129238	15.783	ng/u1	0.03
31) 4-Chloroaniline-d4	10.575	131	152509	14.059	ng/u1	0.02
46) Dimethylphthalate-d6	13.687	166	416954	17.888	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	462478	17.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	378	0.114	ng/u1	0.12
60) Fluorene-d10	15.292	176	352865	18.453	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	41393	12.406	ng/u1	0.01
73) Anthracene-d10	17.198	188	556810	22.734	ng/u1	0.00
81) Pyrene-d10	19.586	212	587721	5658.536	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.621	264	575132	12.787	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	30309	2.171	ng/u1	94
30) Naphthalene	10.457	128	33067	1.234	ng/u1	97
52) Acenaphthene	14.345	153	47520	2.416	ng/u1	96
56) Dibenzofuran	14.698	168	29325	1.089	ng/u1	99
61) Fluorene	15.351	166	29852	1.358	ng/u1	93
72) Phenanthrene	17.139	178	547996	19.156	ng/u1	99
80) Fluoranthene	19.245	202	657061	5238.392	ng/u1	97
82) Pyrene	19.622	202	459199	3597.654	ng/u1	96
83) Butylbenzylphthalate	20.622	149	324	6.093	ng/u1#	84
84) 3,3'-Dichlorobenzidine	21.539	252	135	3.517	ng/u1#	1
85) Benzo(a)anthracene	21.592	228	245139	2083.012	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	21.521	149	854	11.159	ng/u1#	82
87) Chrysene	21.592	228	244291	2233.936	ng/u1	97
90) Benzo(b)fluoranthene	23.810	252	349770	6.320	ng/u1	97
91) Benzo(k)fluoranthene	23.868	252	119046	2.155	ng/u1	98
93) Benzo(a)pyrene	24.692	252	122464	2.342	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.633	276	70042	1.039	ng/u1	93

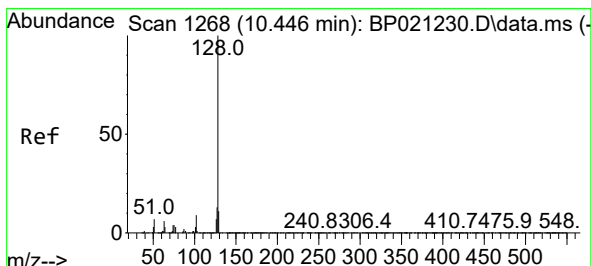
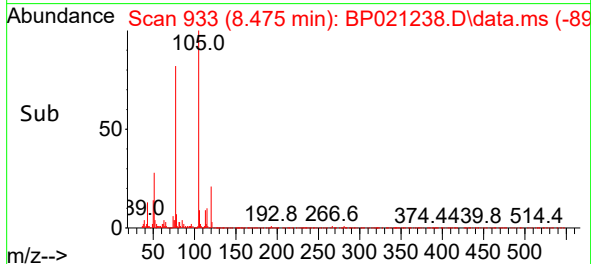
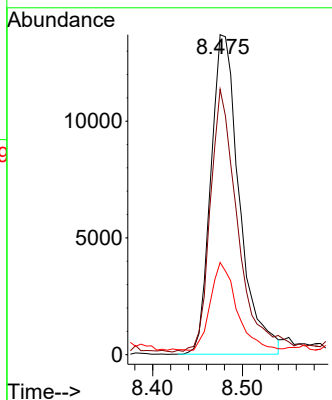
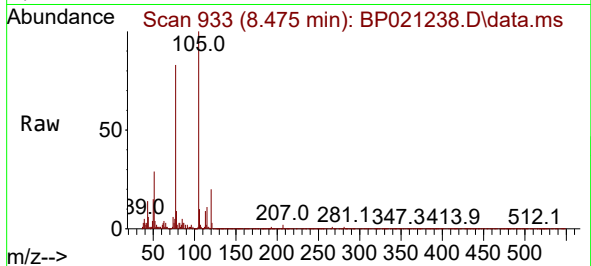
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 2.171 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

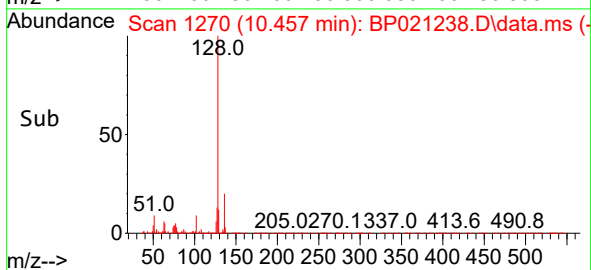
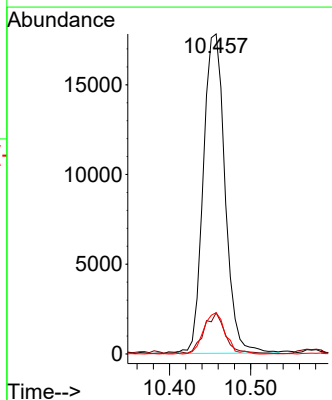
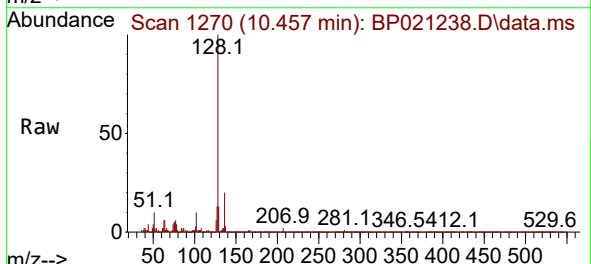
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BNA_P
ClientSampleId :
A4BA6ME

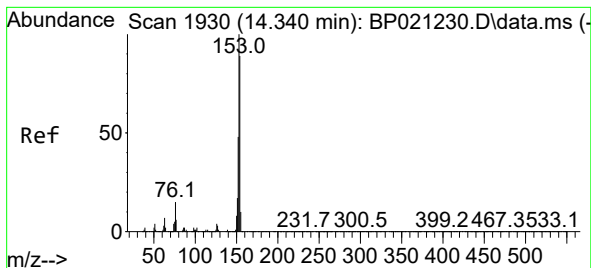
Tgt Ion:105 Resp: 30309
Ion Ratio Lower Upper
105 100
77 83.0 61.8 92.8
51 28.8 21.5 32.3



#30
Naphthalene
Concen: 1.234 ng/ul
RT: 10.457 min Scan# 1270
Delta R.T. 0.018 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

Tgt Ion:128 Resp: 33067
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 12.9 10.8 16.2





#52

Acenaphthene

Concen: 2.416 ng/ul

RT: 14.345 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

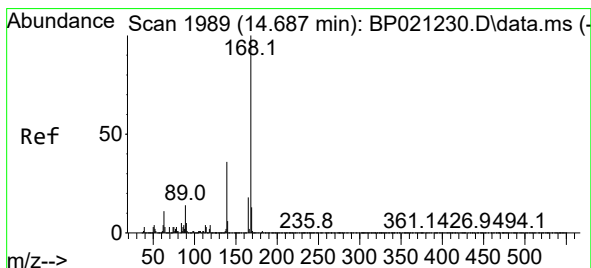
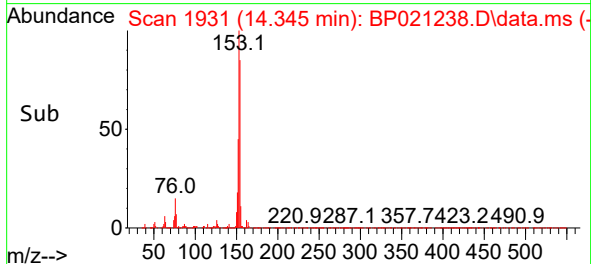
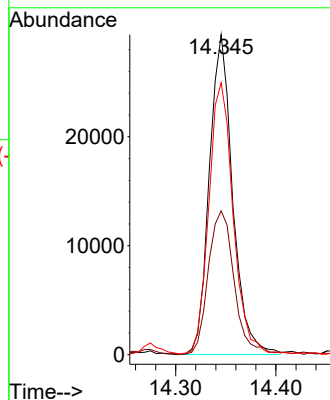
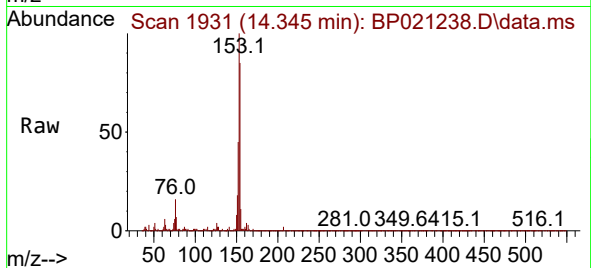
Tgt Ion:153 Resp: 47520

Ion Ratio Lower Upper

153 100

152 44.9 37.8 56.6

154 84.9 71.8 107.6



#56

Dibenzofuran

Concen: 1.089 ng/ul

RT: 14.698 min Scan# 1991

Delta R.T. 0.012 min

Lab File: BP021238.D

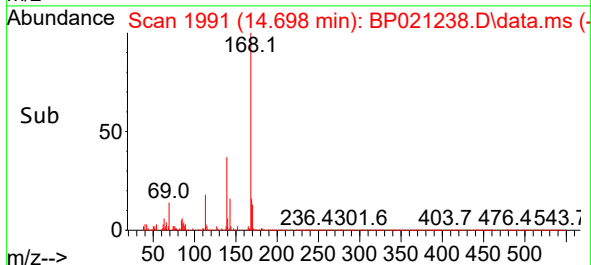
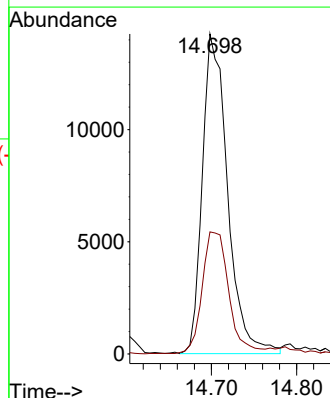
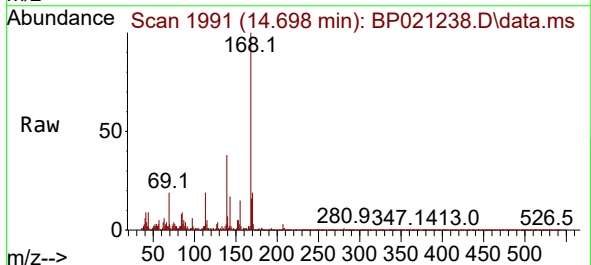
Acq: 30 Jul 2024 17:03

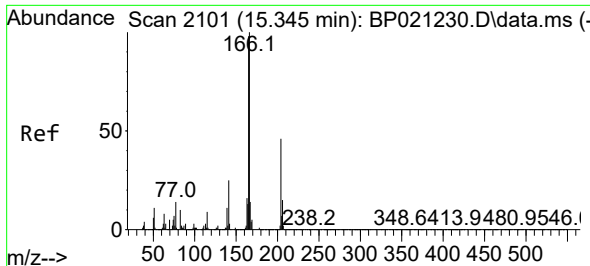
Tgt Ion:168 Resp: 29325

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

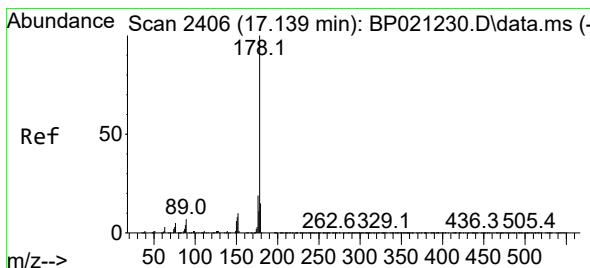
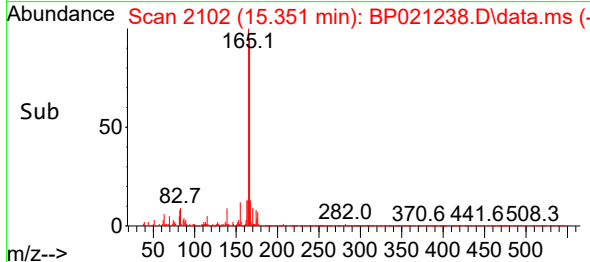
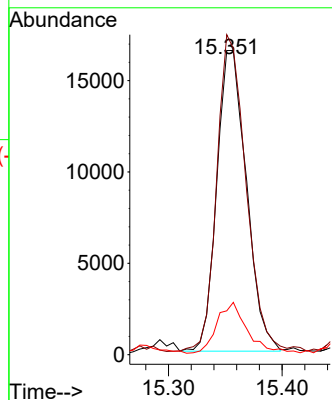
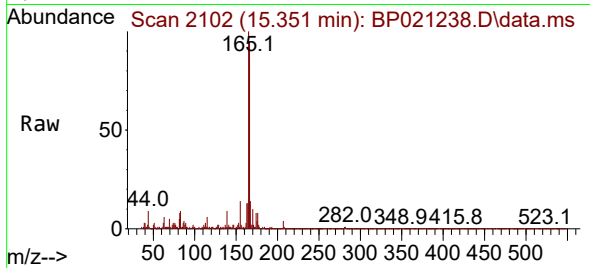




#61
Fluorene
Concen: 1.358 ng/ul
RT: 15.351 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

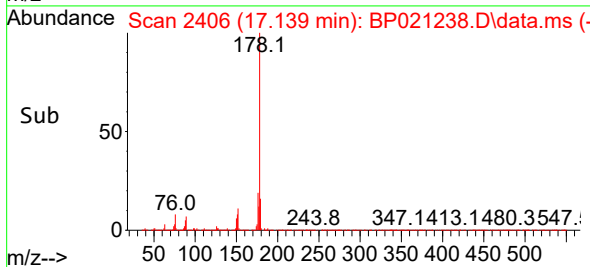
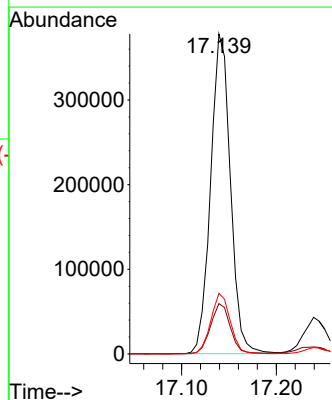
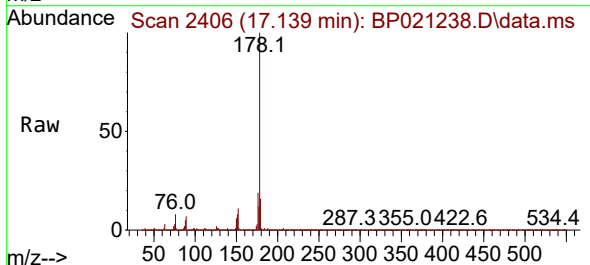
Instrument :
BNA_P
ClientSampleId :
A4BA6ME

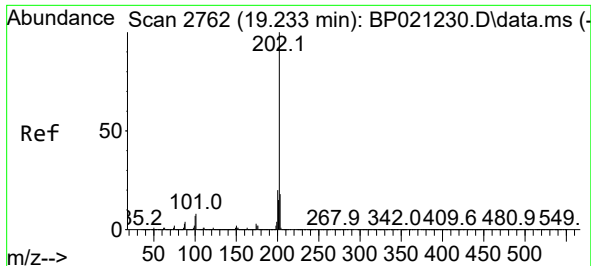
Tgt Ion:166 Resp: 29852
Ion Ratio Lower Upper
166 100
165 105.2 78.1 117.1
167 14.4 10.9 16.3



#72
Phenanthrene
Concen: 19.156 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

Tgt Ion:178 Resp: 547996
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.0 15.0 22.4

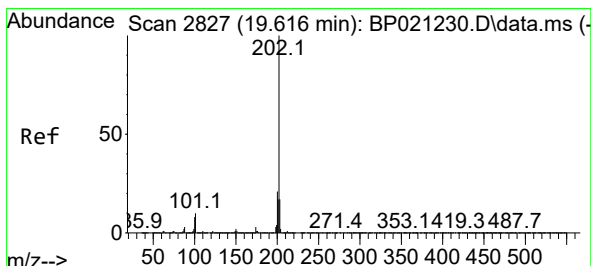
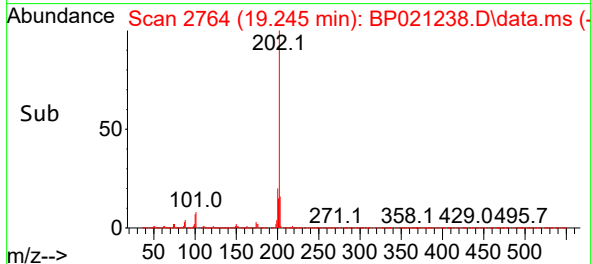
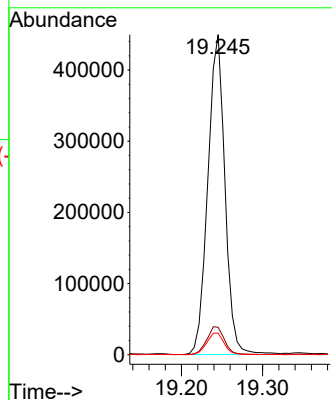
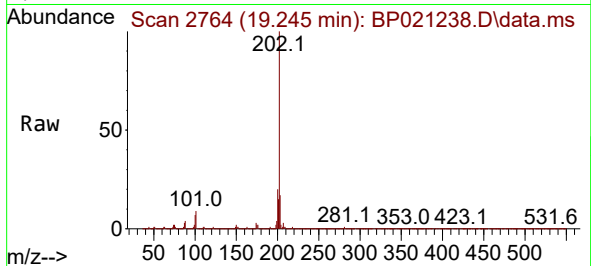




#80
Fluoranthene
Concen: 5238.392 ng/ul
RT: 19.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

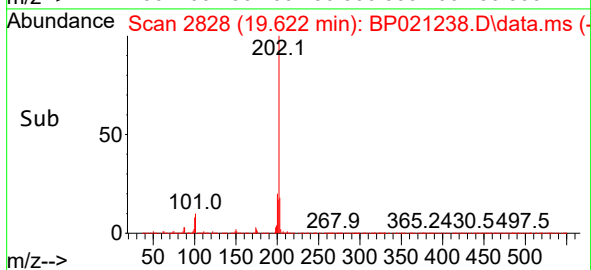
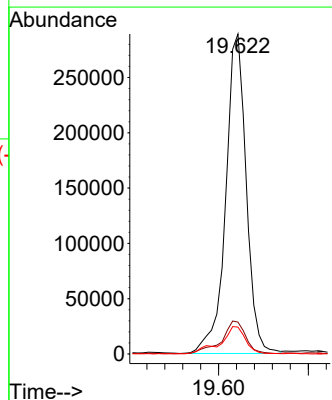
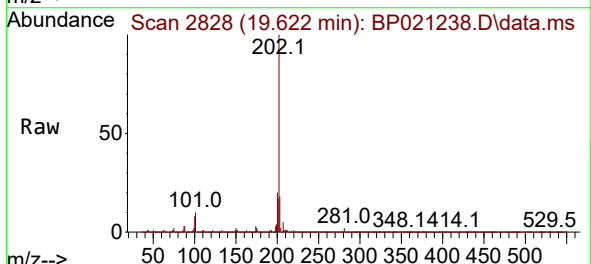
Instrument :
BNA_P
ClientSampleId :
A4BA6ME

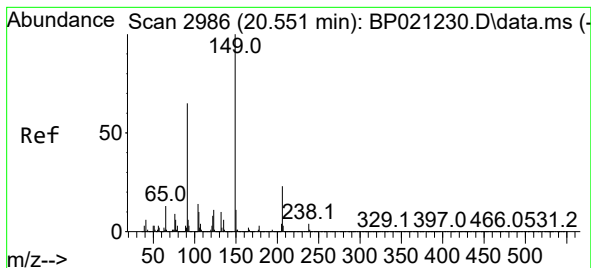
Tgt Ion:202 Resp: 657061
Ion Ratio Lower Upper
202 100
101 8.6 8.0 12.0
100 6.7 6.1 9.1



#82
Pyrene
Concen: 3597.654 ng/ul
RT: 19.622 min Scan# 2828
Delta R.T. 0.012 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

Tgt Ion:202 Resp: 459199
Ion Ratio Lower Upper
202 100
101 10.0 9.4 14.2
100 8.4 7.8 11.6





#83

Butylbenzylphthalate

Concen: 6.093 ng/ul

RT: 20.622 min Scan# 2986

Delta R.T. 0.071 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

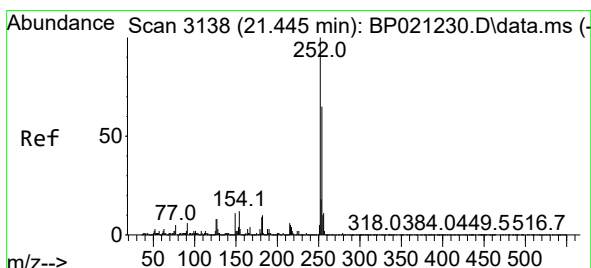
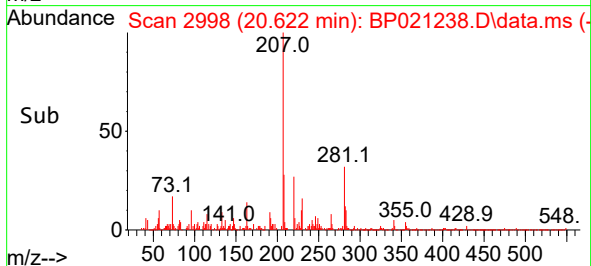
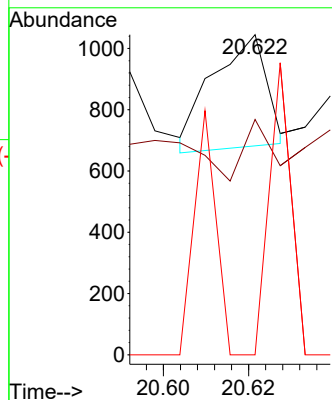
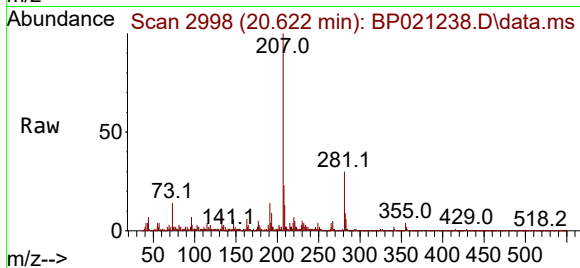
Tgt Ion:149 Resp: 324

Ion Ratio Lower Upper

149 100

91 73.5 54.1 81.1

206 0.0 17.0 25.6#



#84

3,3'-Dichlorobenzidine

Concen: 3.517 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.100 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

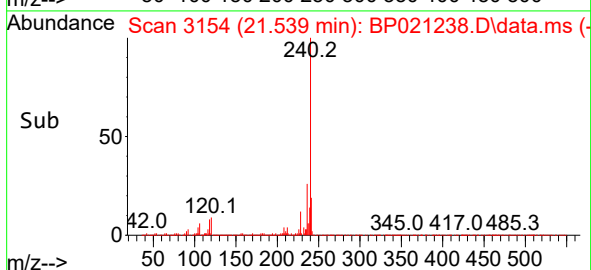
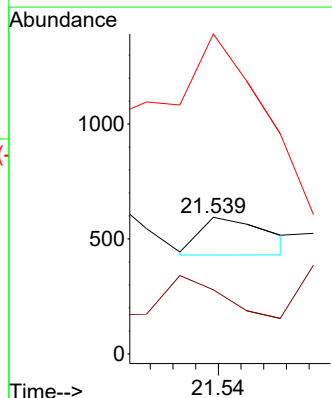
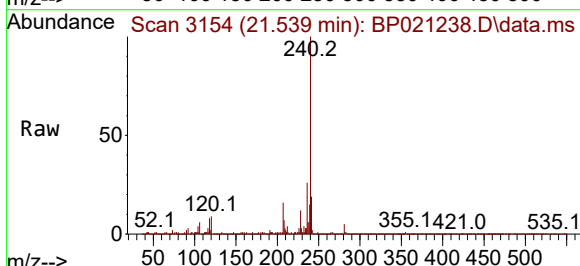
Tgt Ion:252 Resp: 135

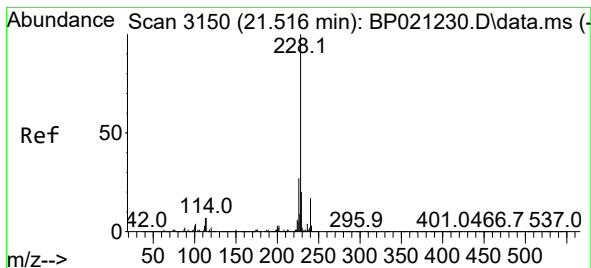
Ion Ratio Lower Upper

252 100

254 47.0 51.5 77.3#

126 234.3 8.0 12.0#





#85

Benzo(a)anthracene

Concen: 2083.012 ng/ul

RT: 21.592 min Scan# 31

Delta R.T. 0.083 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

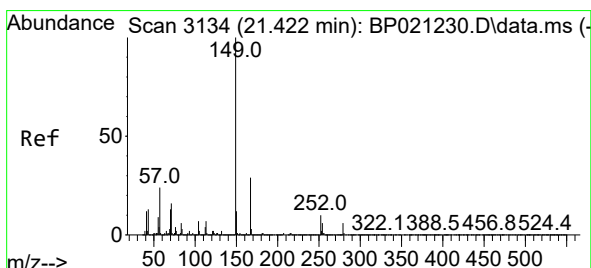
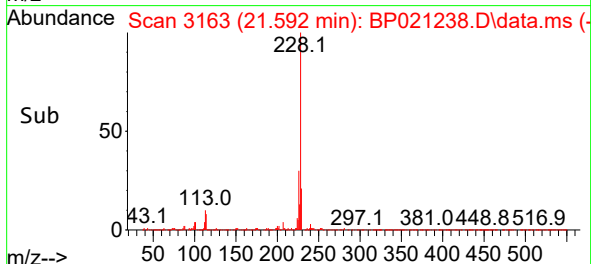
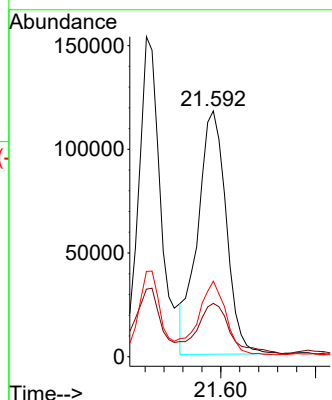
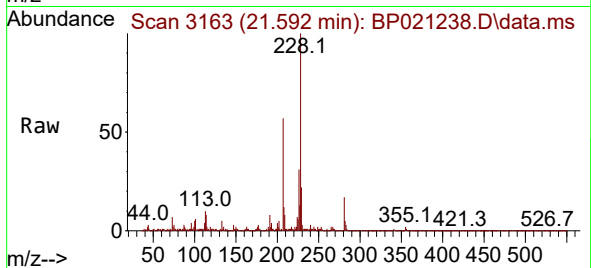
Tgt Ion:228 Resp: 245139

Ion Ratio Lower Upper

228 100

229 21.7 15.5 23.3

226 30.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 11.159 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. 0.100 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

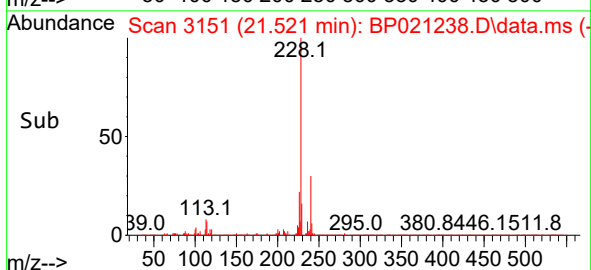
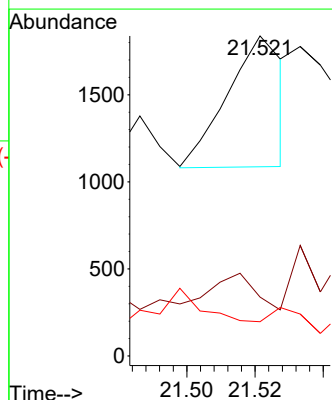
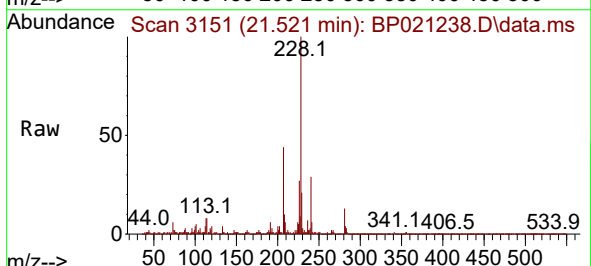
Tgt Ion:149 Resp: 854

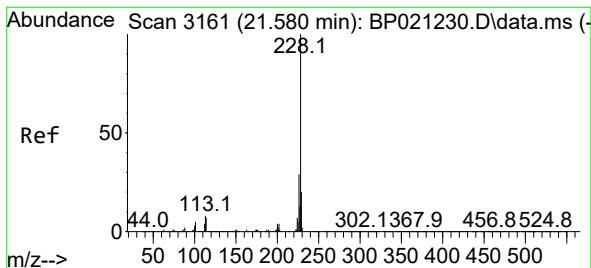
Ion Ratio Lower Upper

149 100

167 18.4 22.1 33.1#

279 10.7 3.7 5.5#





#87

Chrysene

Concen: 2233.936 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

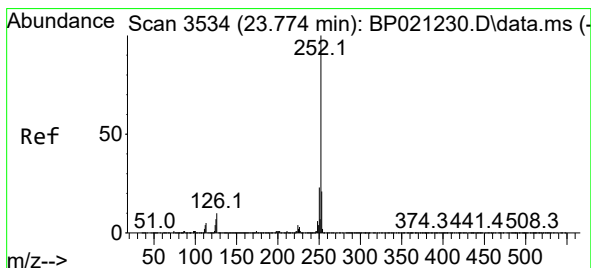
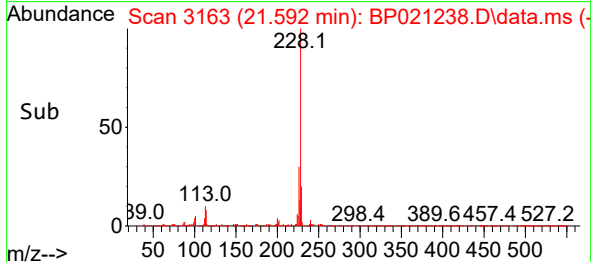
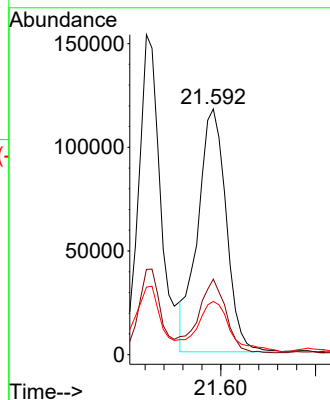
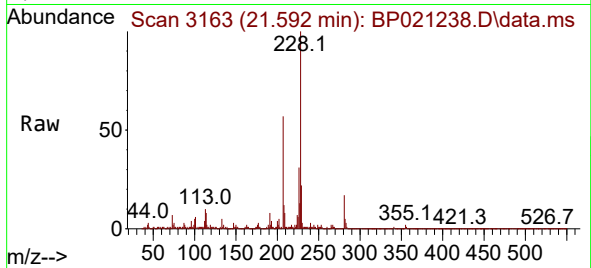
Tgt Ion:228 Resp: 244291

Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 6.320 ng/ul

RT: 23.810 min Scan# 3540

Delta R.T. 0.024 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

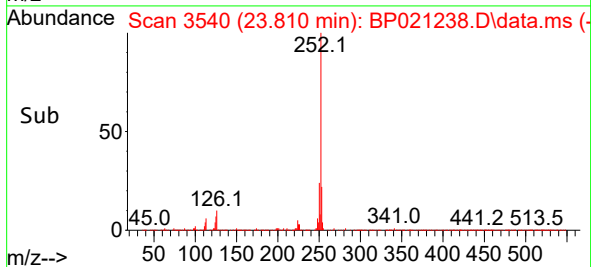
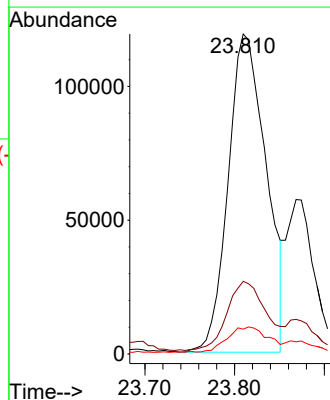
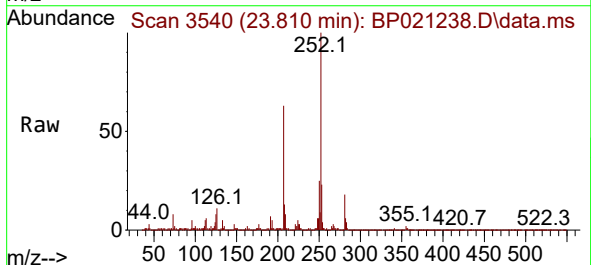
Tgt Ion:252 Resp: 349770

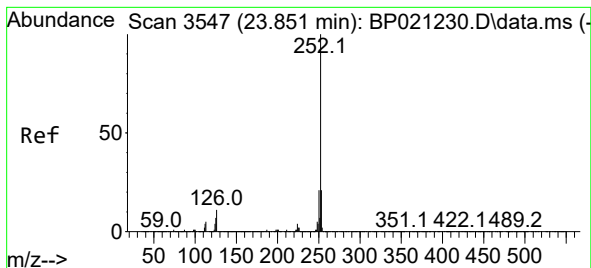
Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 7.8 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.155 ng/ul

RT: 23.868 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

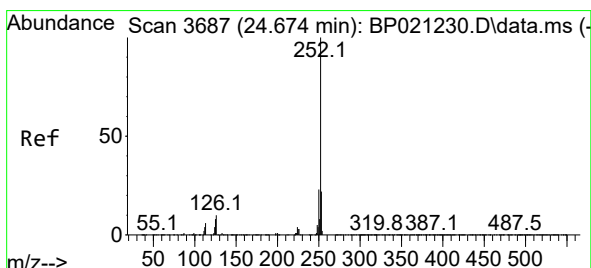
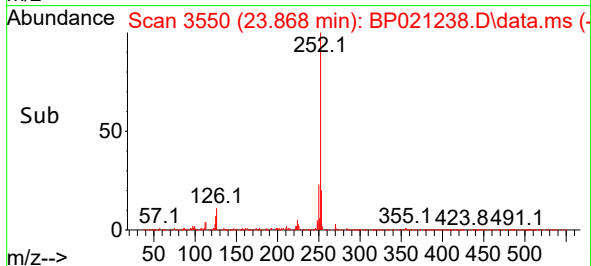
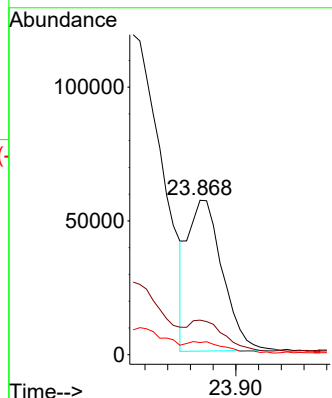
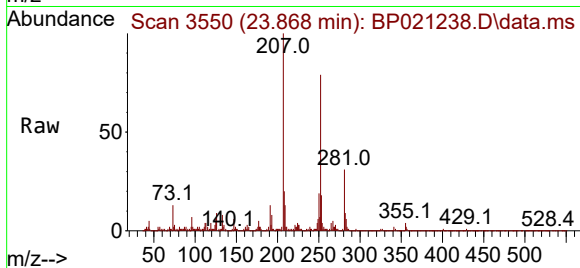
Tgt Ion:252 Resp: 119046

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 7.9 7.4 11.0



#93

Benzo(a)pyrene

Concen: 2.342 ng/ul

RT: 24.692 min Scan# 3690

Delta R.T. 0.012 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

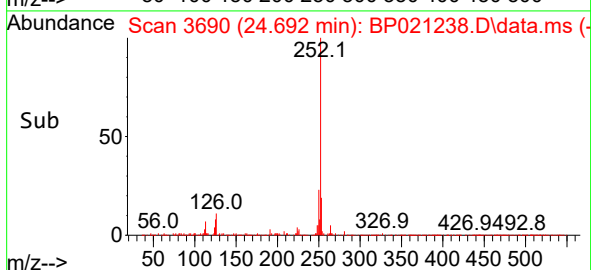
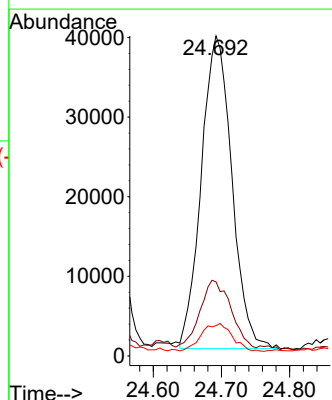
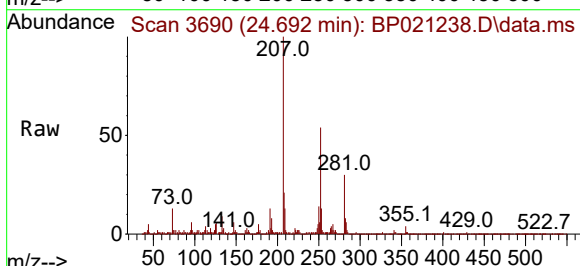
Tgt Ion:252 Resp: 122464

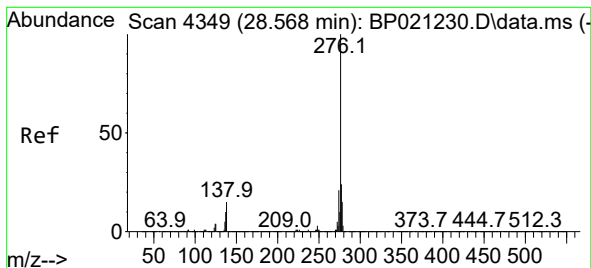
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 9.5 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.039 ng/ul

RT: 28.633 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP021238.D

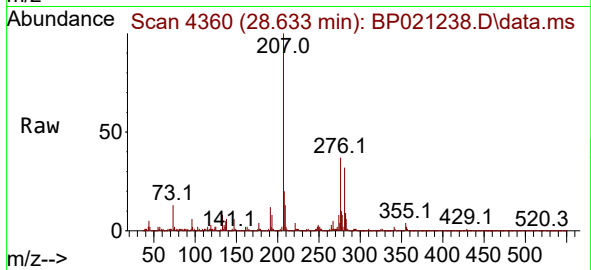
Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME



Tgt Ion:276 Resp: 70042

Ion Ratio Lower Upper

276 100

138 16.2 14.3 21.5

277 28.2 19.2 28.8

