

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012242.D
 Acq On : 21 Oct 2022 13:13
 Operator : CG/JU
 Sample : N4755-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 21 22:31:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	414009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1720678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	974049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1550613	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1164982	20.000	ng/ul	0.00
88) Perylene-d12	23.610	264	1667108	20.000	ng/ul	-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	31790	3.108	ng/uL	0.00
4) Pyridine-d5	3.687	84	224464	7.615	ng/ul	0.00
7) Phenol-d5	6.993	99	727740	20.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	397762	18.350	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	570669	20.976	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	573161	20.633	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	276023	21.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	311819	22.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	564852	21.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	465108	12.700	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1541644	22.753	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1739137	22.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	195082	15.368	ng/ul	0.00
60) Fluorene-d10	15.475	176	1239335	21.261	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	114665	12.999	ng/ul	0.00
73) Anthracene-d10	17.357	188	1223089	17.995	ng/ul	0.02
81) Pyrene-d10	19.580	212	1395524	21.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	1621343	19.393	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.022	94	65635	1.755	ng/ul	95
16) Acetophenone	8.657	105	49613	1.156	ng/ul	99
18) 4-Methylphenol	8.604	108	33933	1.107	ng/ul	97
30) Naphthalene	10.681	128	4393154	47.738	ng/ul	100
32) 4-Chloroaniline	10.675	127	575828	15.233	ng/ul#	7
36) 2-Methylnaphthalene	12.292	142	2885960	46.092	ng/ul	99
37) 1-Methylnaphthalene	12.510	142	303639	4.857	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1005925	13.885	ng/ul	99
50) Acenaphthylene	14.198	152	2220874	25.772	ng/ul	100
52) Acenaphthene	14.539	153	1322076	21.693	ng/ul	99
56) Dibenzofuran	14.875	168	5963441	71.478	ng/ul	95
61) Fluorene	15.533	166	8867847	134.161	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.622	198	9946	1.074	ng/ul#	1
71) Pentachlorophenol	16.892	266	267088	22.864	ng/ul	99
72) Phenanthrene	17.292	178	17638723	211.649	ng/ul	94
74) Anthracene	17.386	178	3781793	45.863	ng/ul#	91
77) Carbazole	17.675	167	18452172	253.558	ng/ul#	93
80) Fluoranthene	19.404	202	452129	5.516	ng/ul	96
82) Pyrene	19.516	202	182224	2.173	ng/ul	96
85) Benzo(a)anthracene	21.327	228	7593012	100.005	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.239	149	71443	1.564	ng/ul#	70
87) Chrysene	21.386	228	12375014	174.658	ng/ul	96
91) Benzo(k)fluoranthene	22.933	252	166396	1.519	ng/ul#	1
93) Benzo(a)pyrene	23.557	252	10962144	115.382	ng/ul	98

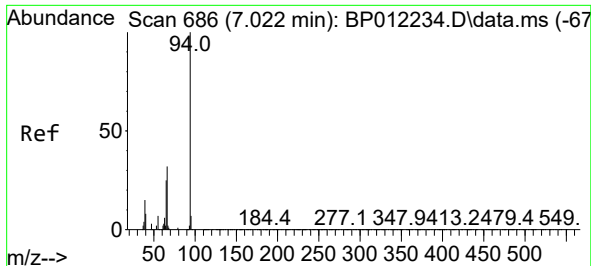
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012242.D
Acq On : 21 Oct 2022 13:13
Operator : CG/JU
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Quant Time: Oct 21 22:31:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	26.080	276	212457	1.932	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.203	278	285977	2.884	ng/ul#	86

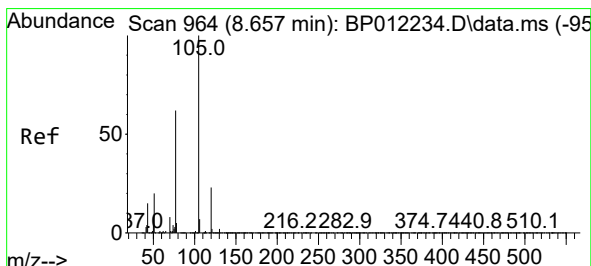
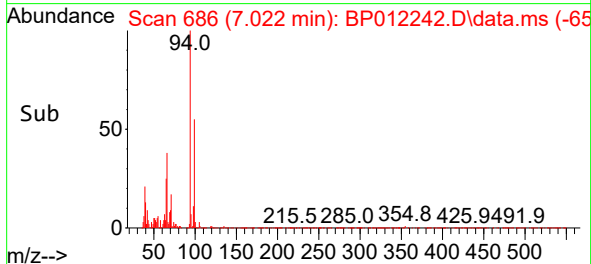
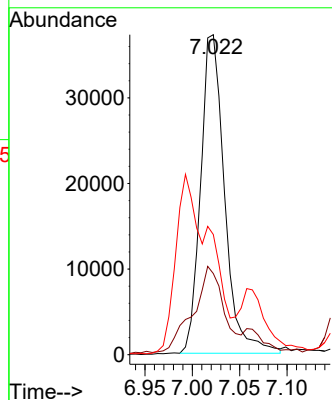
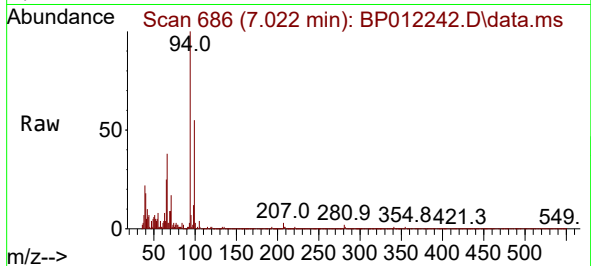
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Phenol
Concen: 1.755 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

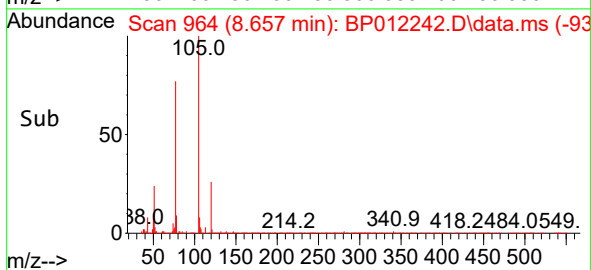
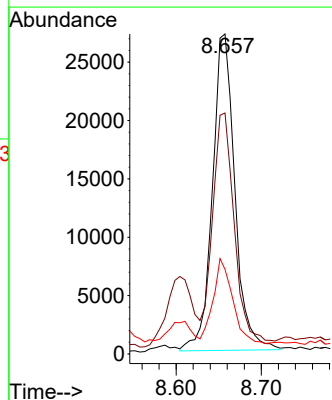
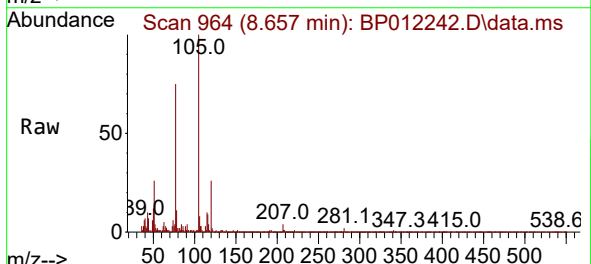
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BNA_P
ClientSampleId :

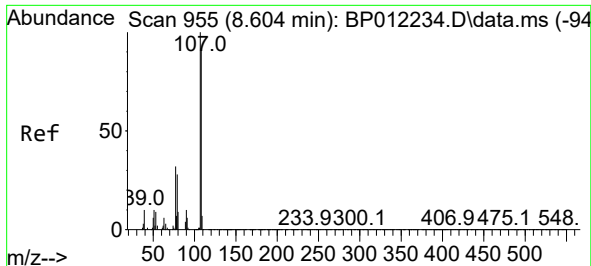
Tgt Ion: 94 Resp: 65635
Ion Ratio Lower Upper
94 100
65 25.4 20.6 31.0
66 37.6 26.2 39.4



#16
Acetophenone
Concen: 1.156 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion: 105 Resp: 49613
Ion Ratio Lower Upper
105 100
77 75.3 60.0 90.0
51 26.5 20.1 30.1

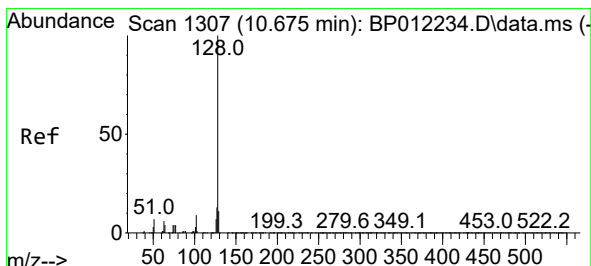
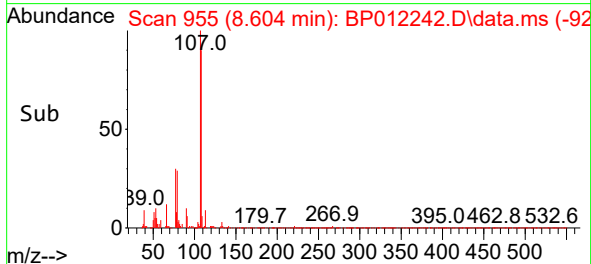
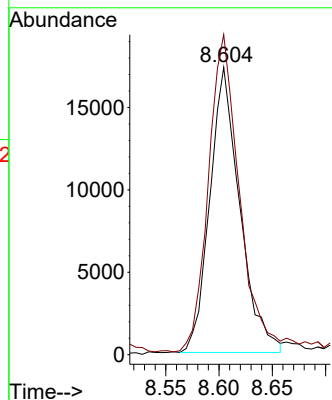
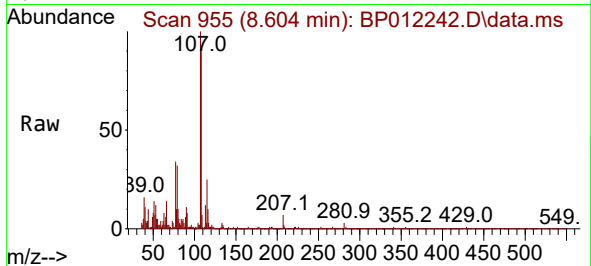




#18
4-Methylphenol
Concen: 1.107 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

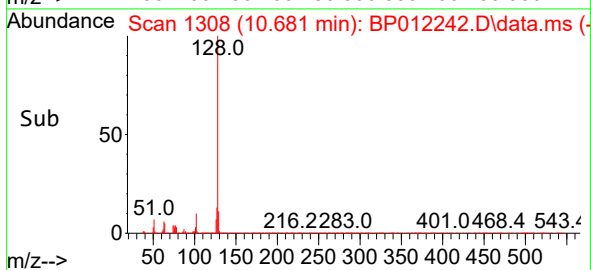
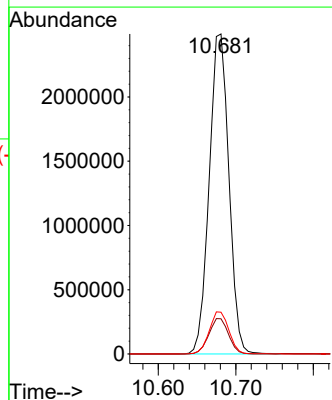
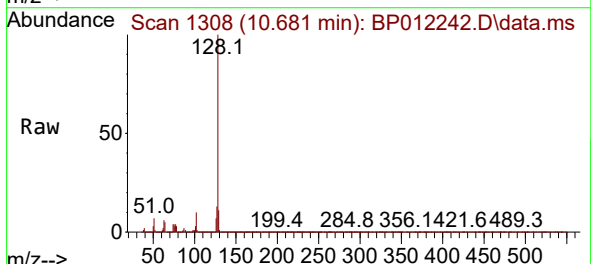
Instrument :
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ClientSampleId :

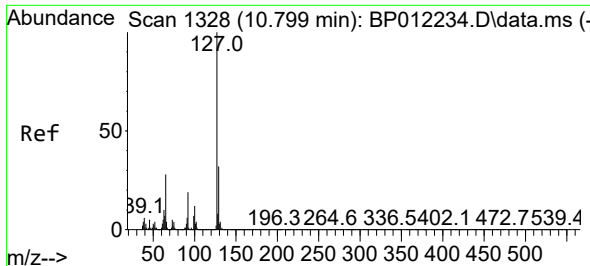
Tgt Ion:108 Resp: 33933
Ion Ratio Lower Upper
108 100
107 111.3 86.6 130.0



#30
Naphthalene
Concen: 47.738 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:128 Resp: 4393154
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.2 15.4

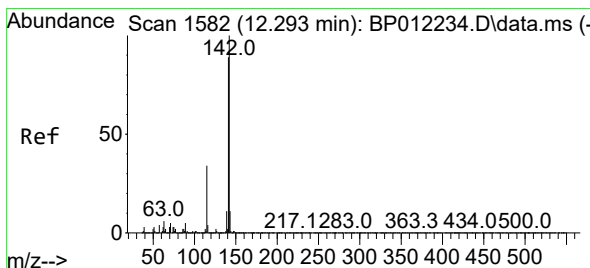
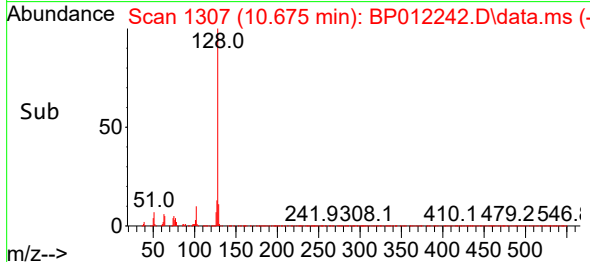
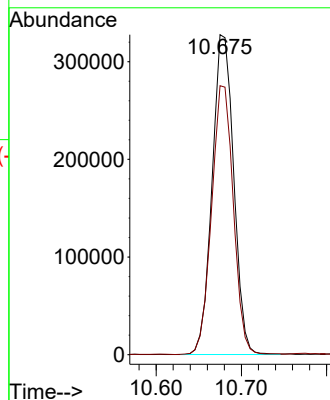
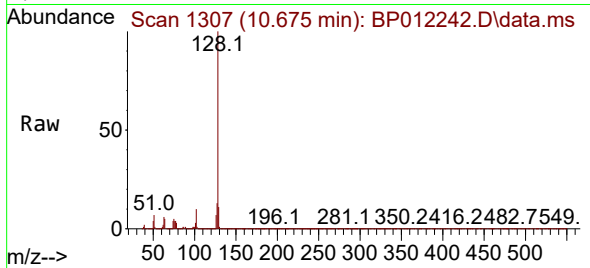




#32
4-Chloroaniline
Concen: 15.233 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.129 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

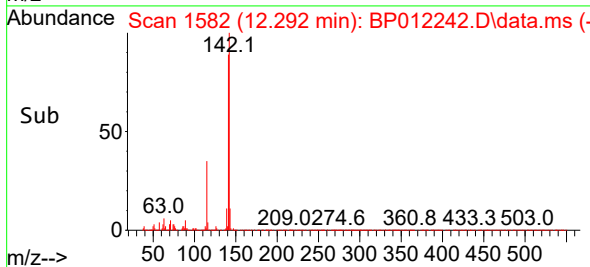
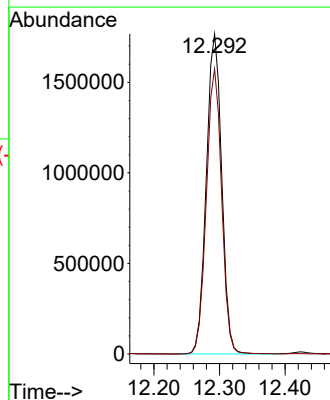
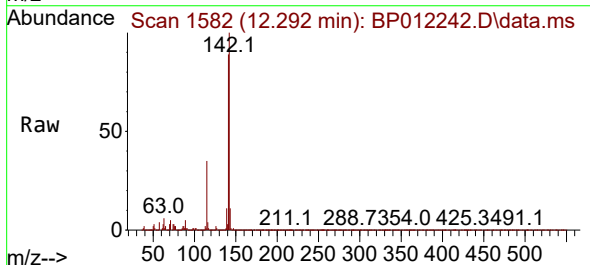
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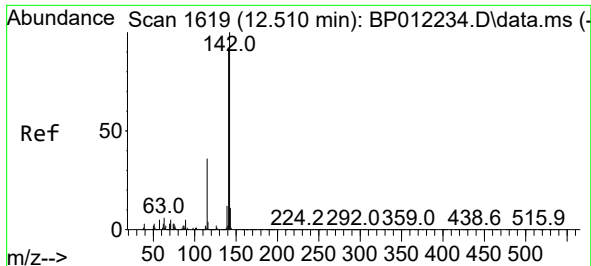
Tgt Ion:127 Resp: 575828
Ion Ratio Lower Upper
127 100
129 84.1 25.6 38.4#



#36
2-Methylnaphthalene
Concen: 46.092 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:142 Resp: 2885960
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5





#37

1-Methylnaphthalene

Concen: 4.857 ng/ul

RT: 12.510 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

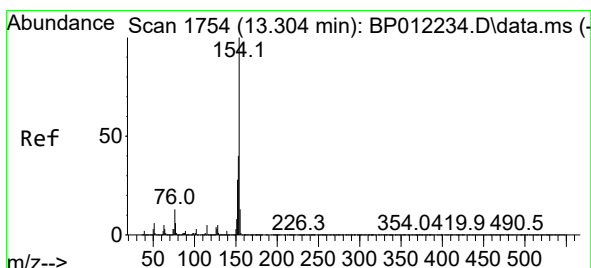
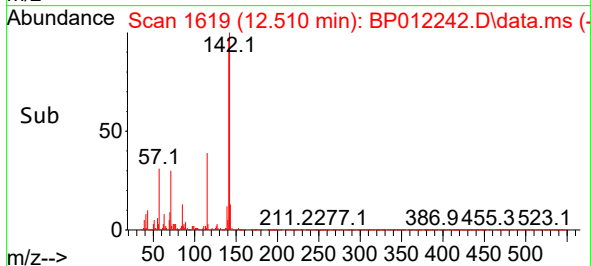
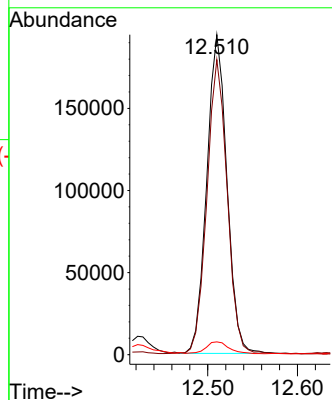
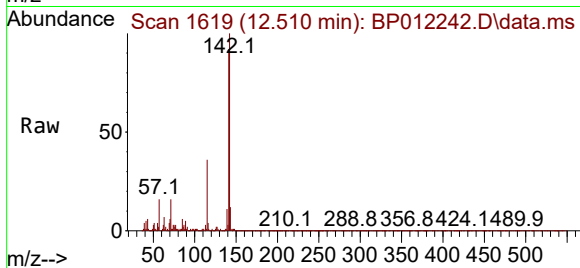
Tgt Ion:142 Resp: 303639

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.0

116 4.0 3.0 4.4



#43

1,1'-Biphenyl

Concen: 13.885 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

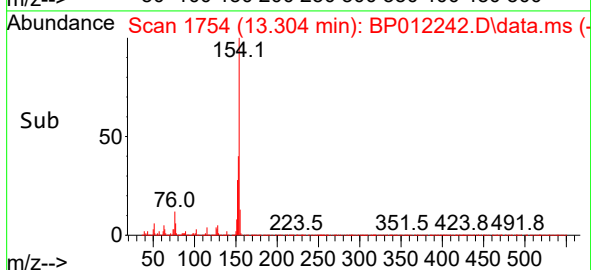
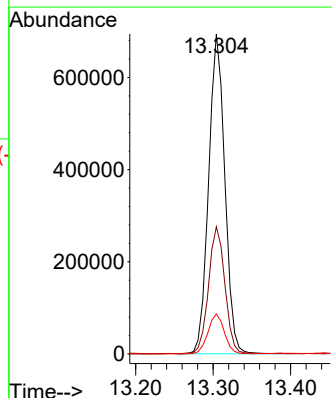
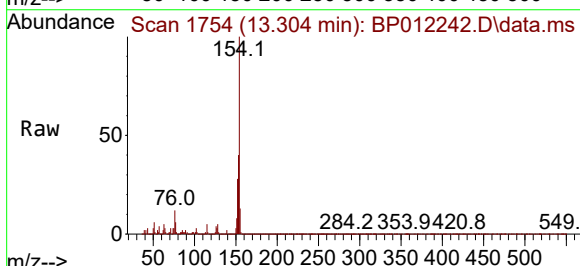
Tgt Ion:154 Resp: 1005925

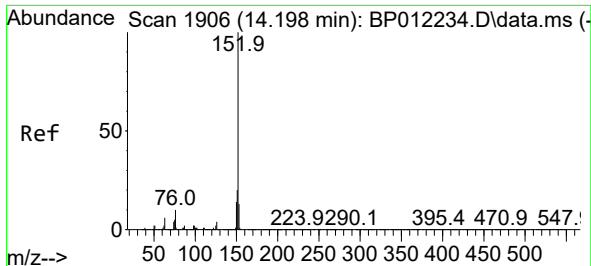
Ion Ratio Lower Upper

154 100

153 39.8 31.5 47.3

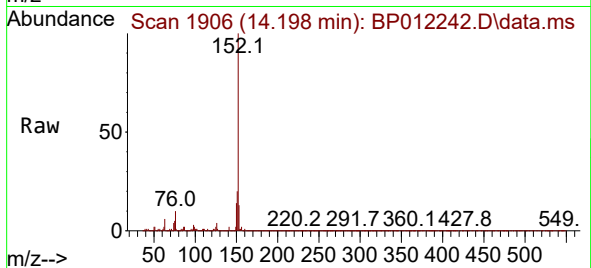
76 12.5 11.0 16.4



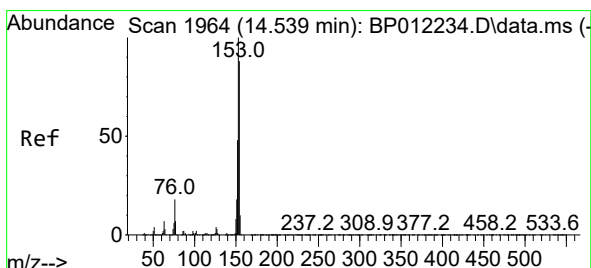
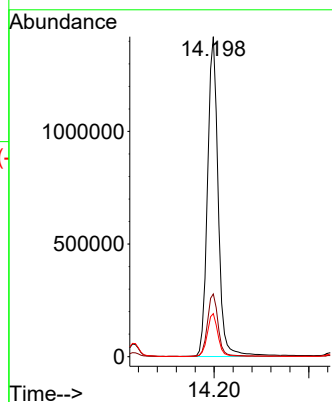
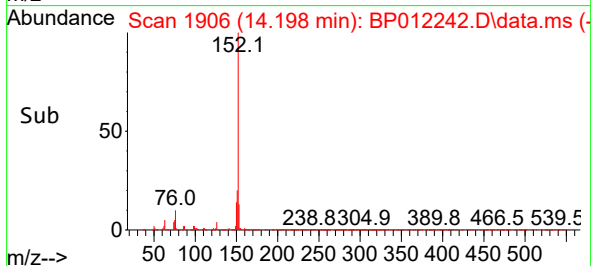


#50
Acenaphthylene
Concen: 25.772 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Instrument :
BNA_P
ClientSampleId :

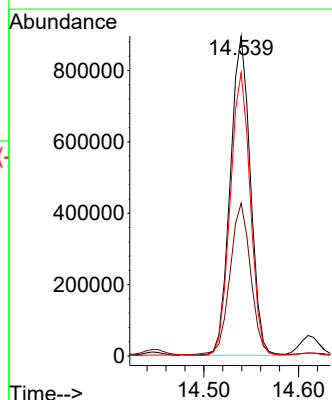
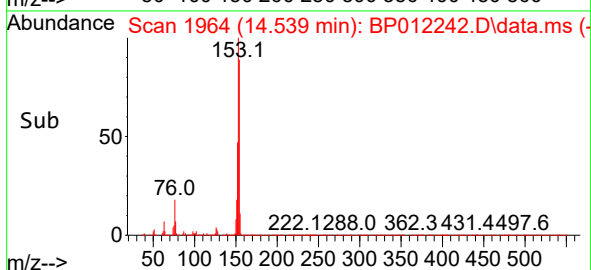
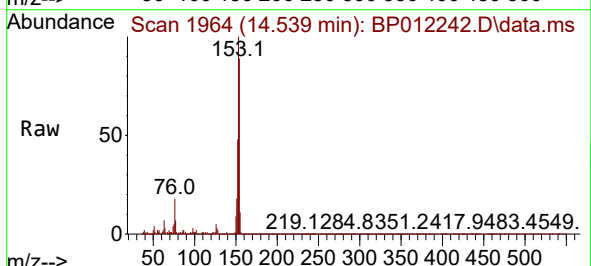


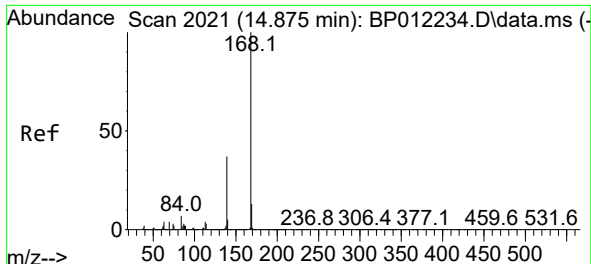
Tgt Ion:152 Resp: 2220874
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.4 10.6 16.0



#52
Acenaphthene
Concen: 21.693 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:153 Resp: 1322076
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 88.5 71.4 107.2

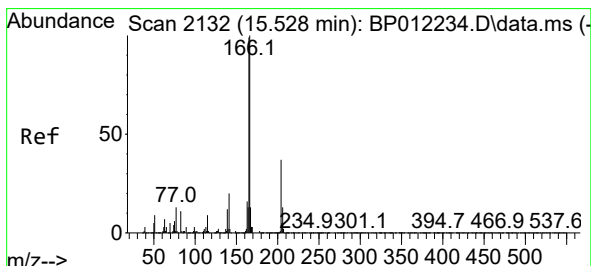
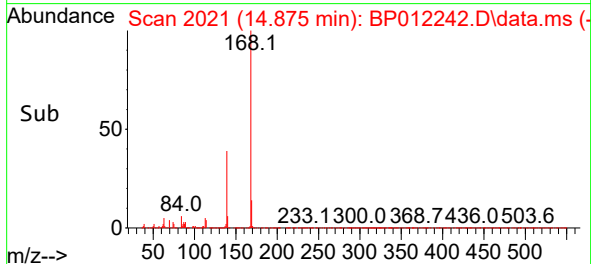
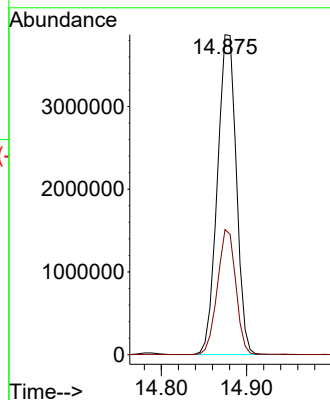
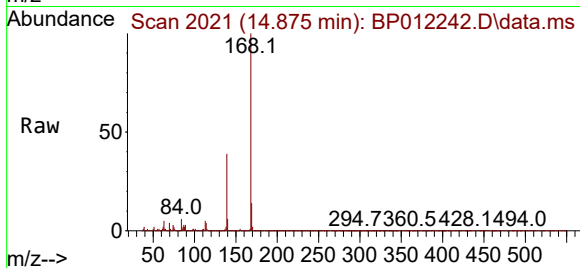




#56
Dibenzenofuran
Concen: 71.478 ng/ul
RT: 14.875 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

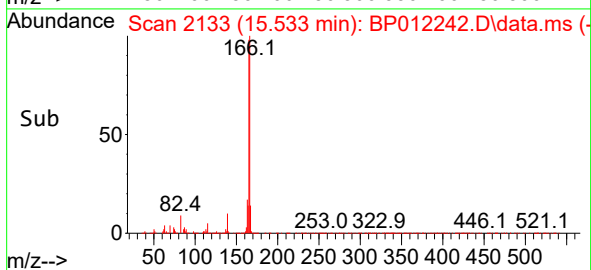
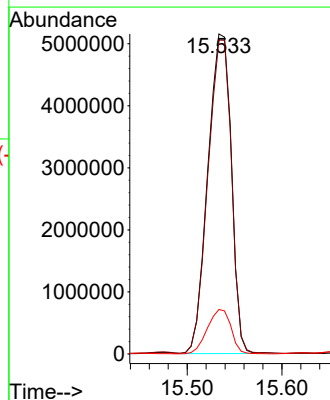
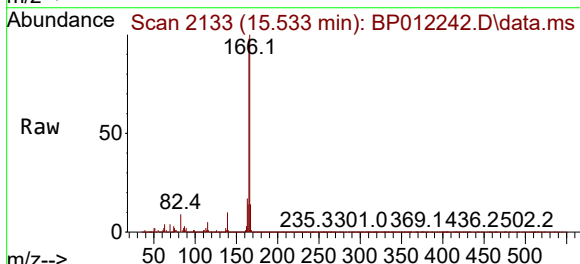
Instrument :
BNA_P
ClientSampleId :

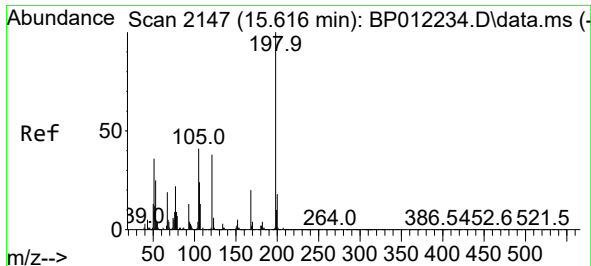
Tgt Ion:168 Resp: 5963441
Ion Ratio Lower Upper
168 100
139 39.1 29.0 43.4



#61
Fluorene
Concen: 134.161 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:166 Resp: 8867847
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.9 10.7 16.1

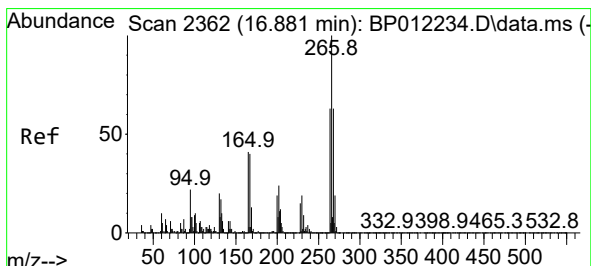
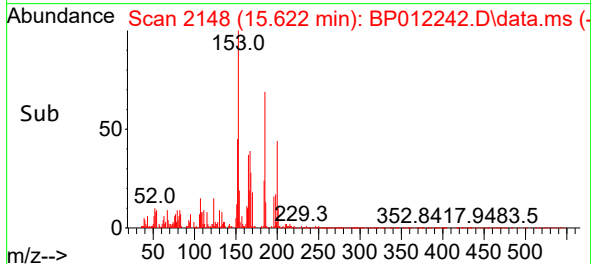
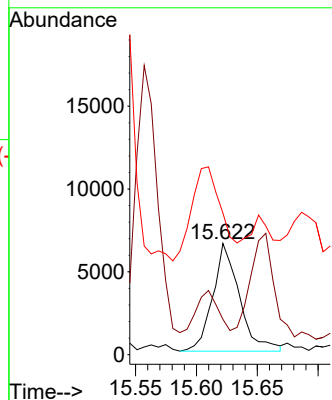
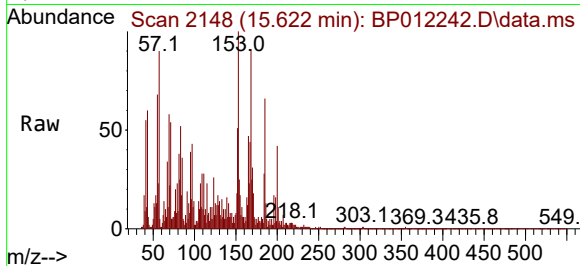




#66
4,6-Dinitro-2-methylphenol
Concen: 1.074 ng/ul
RT: 15.622 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

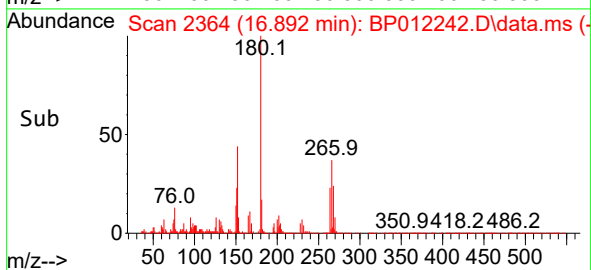
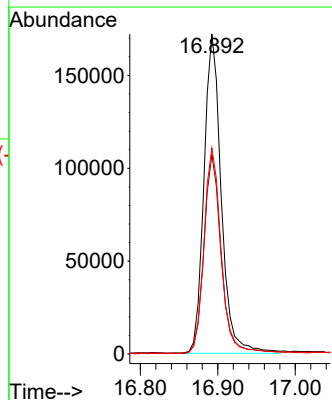
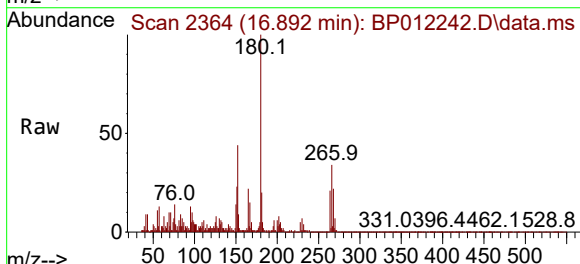
Instrument :
BNA_P
ClientSampleId :

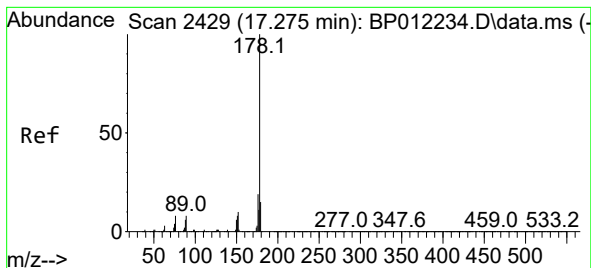
Tgt Ion:198 Resp: 9946
Ion Ratio Lower Upper
198 100
182 31.7 3.8 5.6#
77 127.4 17.8 26.6#



#71
Pentachlorophenol
Concen: 22.864 ng/ul
RT: 16.892 min Scan# 2364
Delta R.T. 0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:266 Resp: 267088
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 64.4 50.6 76.0





#72

Phenanthrene

Concen: 211.649 ng/ul

RT: 17.292 min Scan# 2429

Delta R.T. 0.012 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

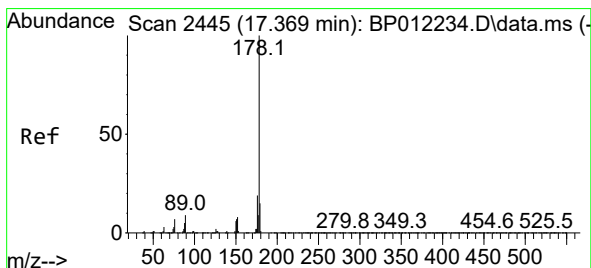
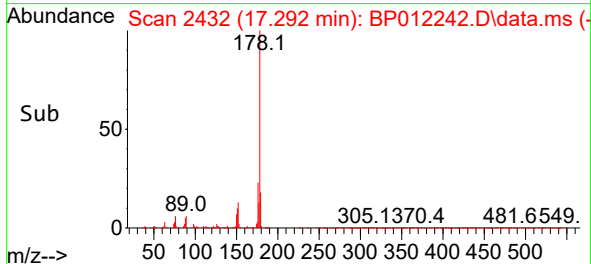
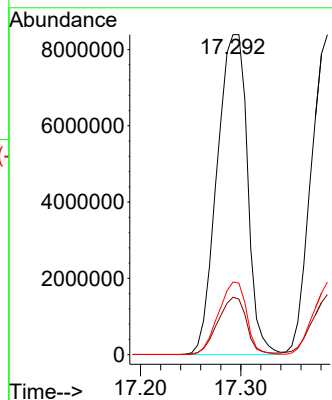
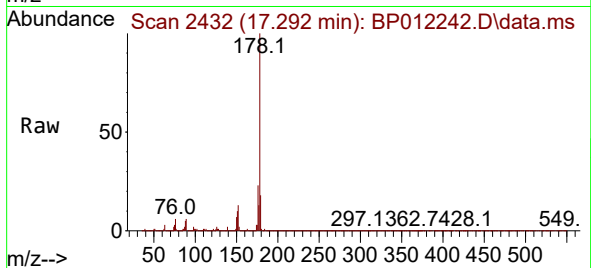
Tgt Ion:178 Resp:17638723

Ion Ratio Lower Upper

178 100

179 17.9 12.6 18.8

176 22.7 15.6 23.4



#74

Anthracene

Concen: 45.863 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. 0.012 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

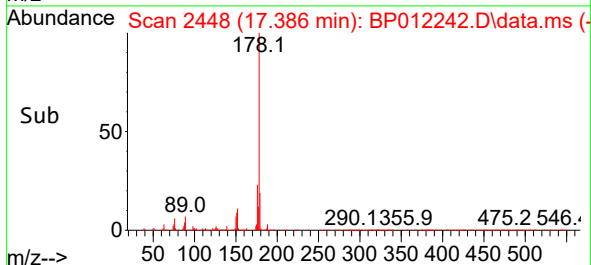
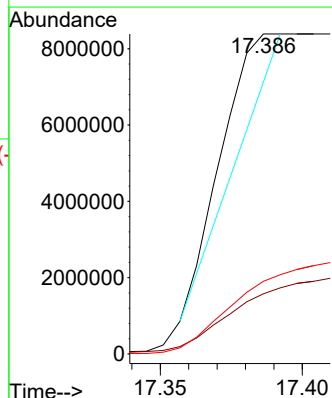
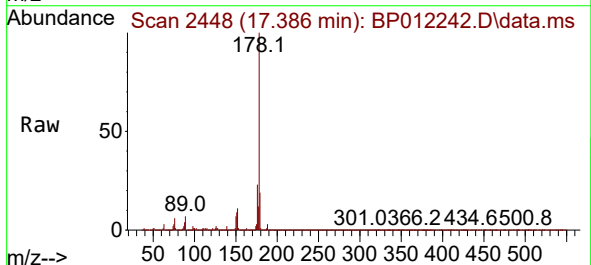
Tgt Ion:178 Resp: 3781793

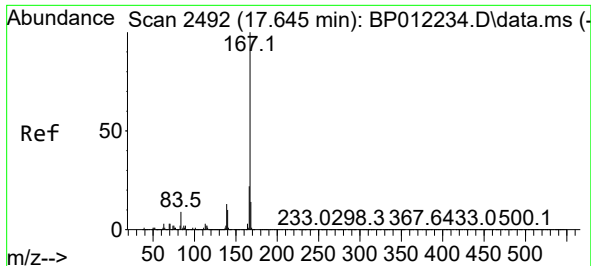
Ion Ratio Lower Upper

178 100

179 18.8 12.3 18.5#

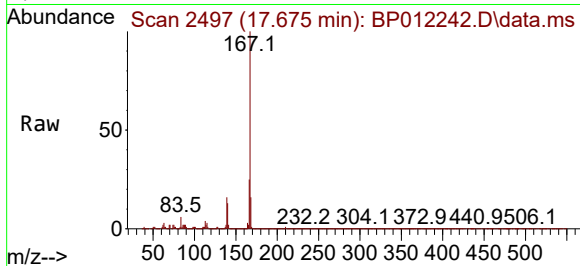
176 22.7 15.0 22.4#



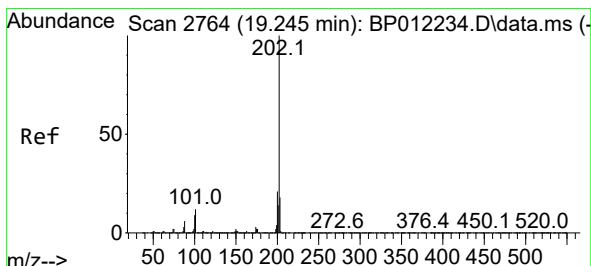
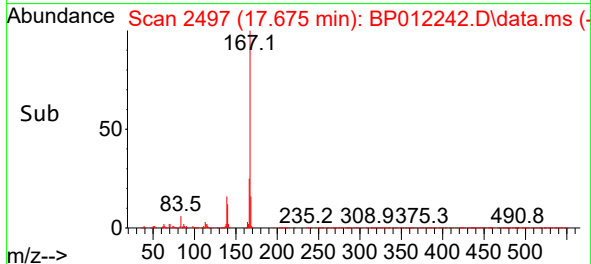
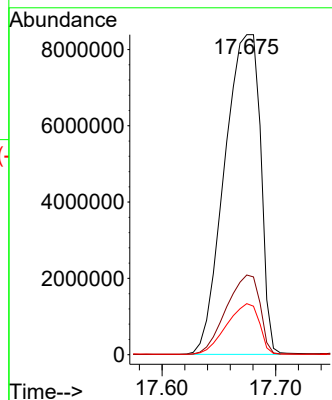


#77
 Carbazole
 Concen: 253.558 ng/ul
 RT: 17.675 min Scan# 2492
 Delta R.T. 0.024 min
 Lab File: BP012242.D
 Acq: 21 Oct 2022 13:13

Instrument :
 BNA_P
 ClientSampleId :

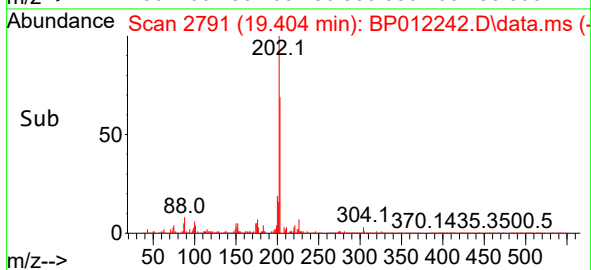
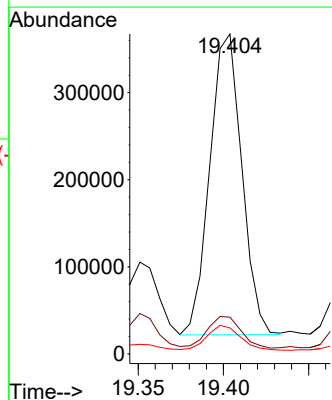
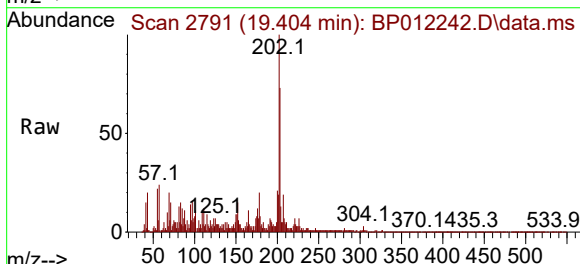


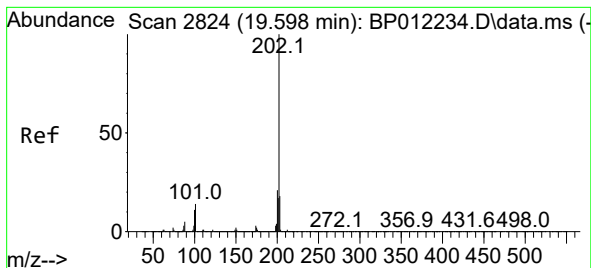
Tgt Ion:167 Resp:18452172
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.3 25.9
 139 15.9 10.2 15.4#



#80
 Fluoranthene
 Concen: 5.516 ng/ul
 RT: 19.404 min Scan# 2791
 Delta R.T. 0.153 min
 Lab File: BP012242.D
 Acq: 21 Oct 2022 13:13

Tgt Ion:202 Resp: 452129
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.4 15.6
 100 8.2 7.7 11.5





#82

Pyrene

Concen: 2.173 ng/ul

RT: 19.516 min Scan# 21

Delta R.T. -0.088 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

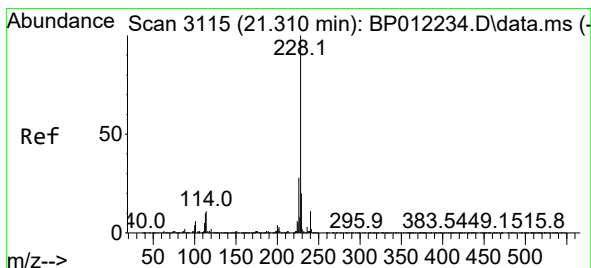
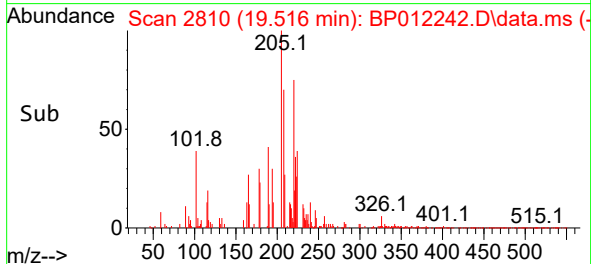
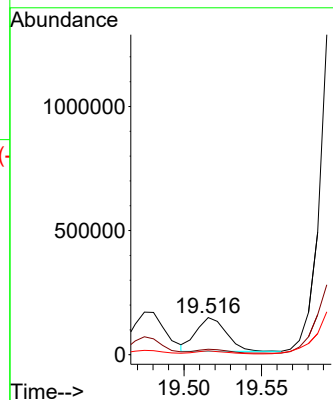
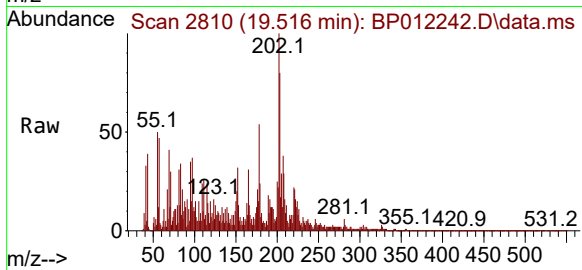
Tgt Ion:202 Resp: 182224

Ion Ratio Lower Upper

202 100

101 14.5 12.3 18.5

100 10.3 10.0 15.0



#85

Benzo(a)anthracene

Concen: 100.005 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

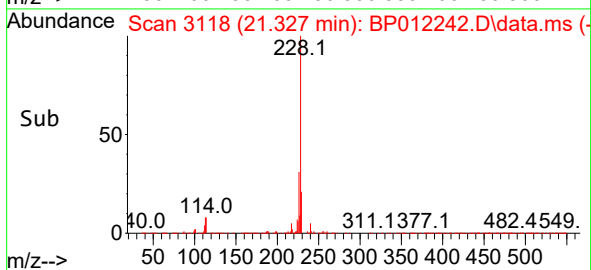
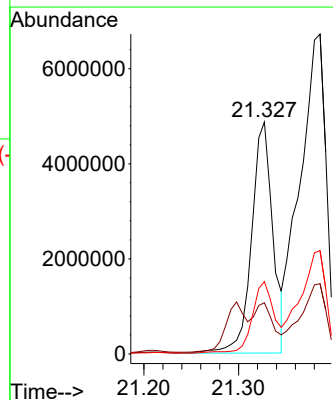
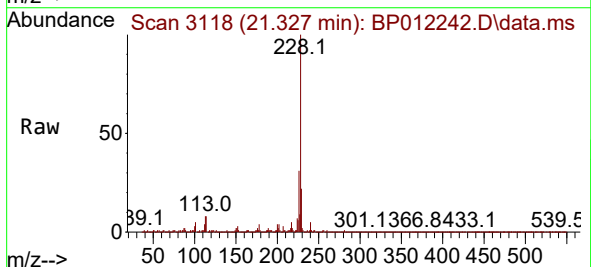
Tgt Ion:228 Resp: 7593012

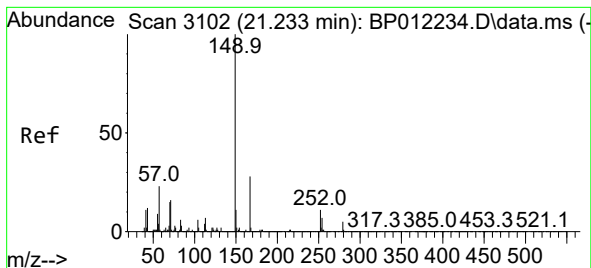
Ion Ratio Lower Upper

228 100

229 22.0 16.1 24.1

226 31.2 21.9 32.9





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.564 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

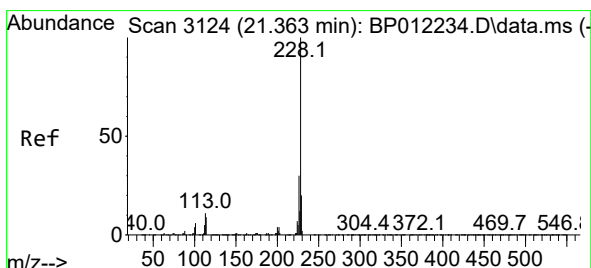
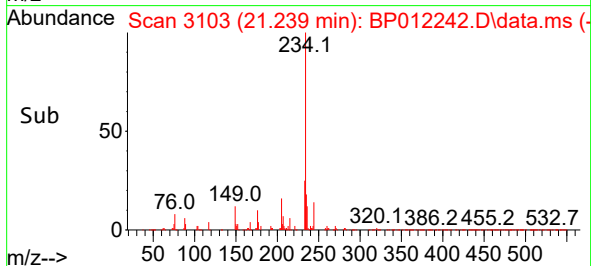
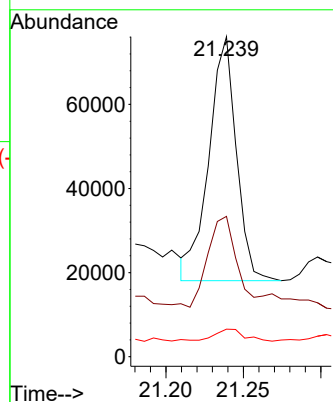
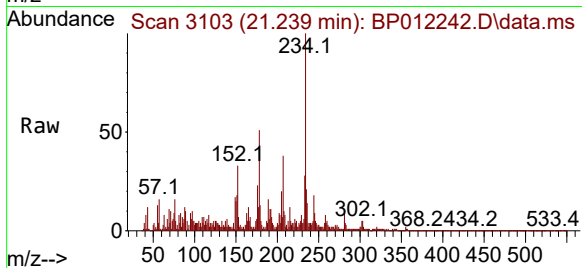
Tgt Ion:149 Resp: 71443

Ion Ratio Lower Upper

149 100

167 43.8 21.6 32.4#

279 8.6 3.4 5.0#



#87

Chrysene

Concen: 174.658 ng/ul

RT: 21.386 min Scan# 3128

Delta R.T. 0.018 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

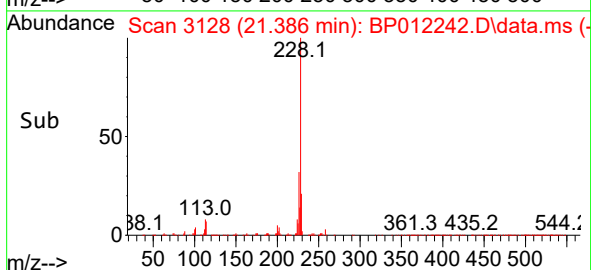
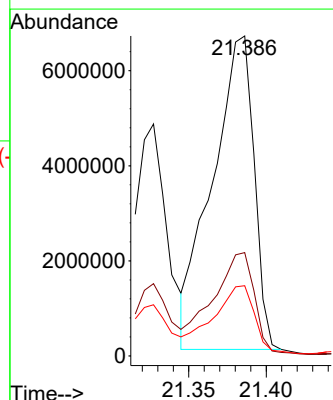
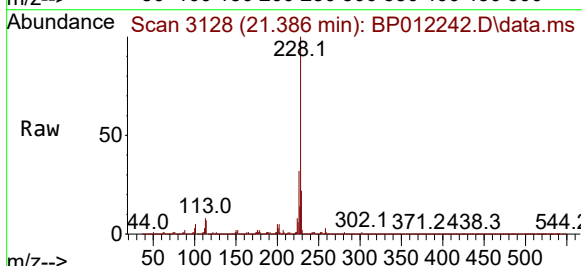
Tgt Ion:228 Resp:12375014

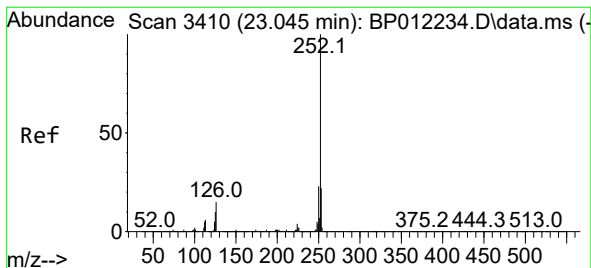
Ion Ratio Lower Upper

228 100

226 32.3 24.2 36.4

229 21.9 15.8 23.8





#91

Benzo(k)fluoranthene

Concen: 1.519 ng/ul

RT: 22.933 min Scan# 31

Delta R.T. -0.118 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

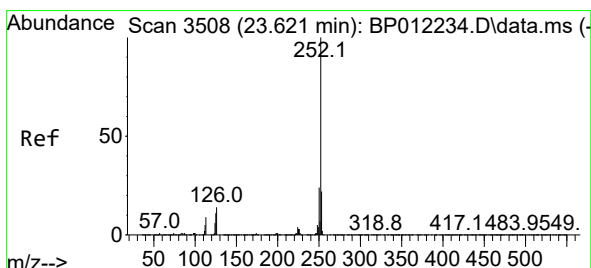
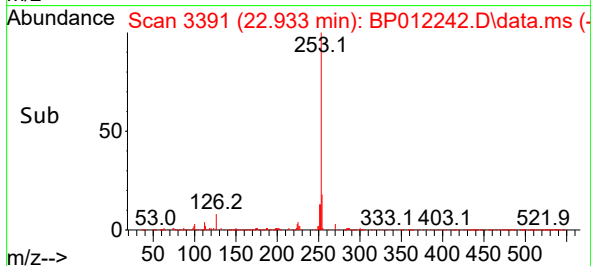
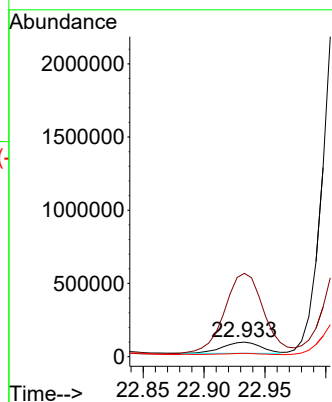
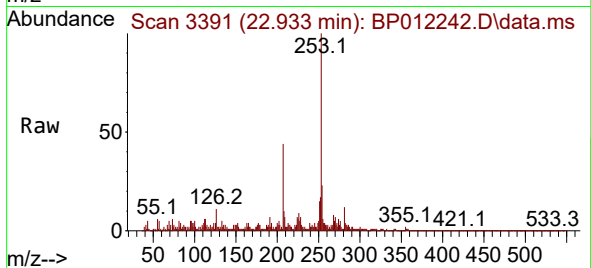
Tgt Ion:252 Resp: 166396

Ion Ratio Lower Upper

252 100

253 575.0 17.9 26.9#

125 23.1 8.6 13.0#



#93

Benzo(a)pyrene

Concen: 115.382 ng/ul

RT: 23.557 min Scan# 3497

Delta R.T. -0.076 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

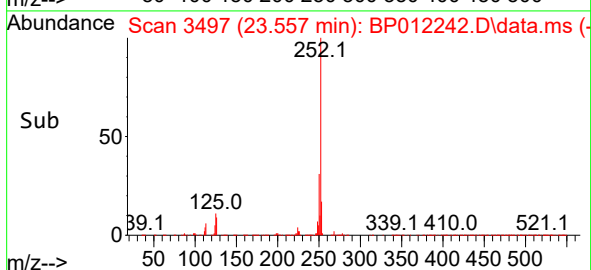
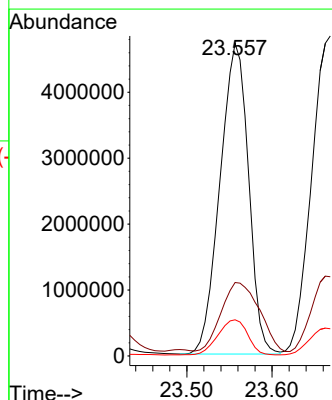
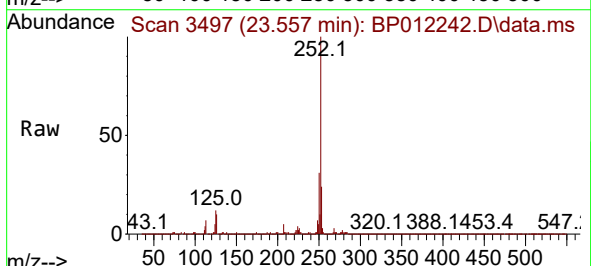
Tgt Ion:252 Resp:10962144

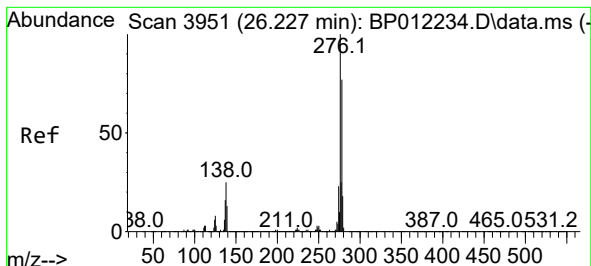
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 11.6 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.932 ng/ul

RT: 26.080 min Scan# 3926

Delta R.T. -0.165 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

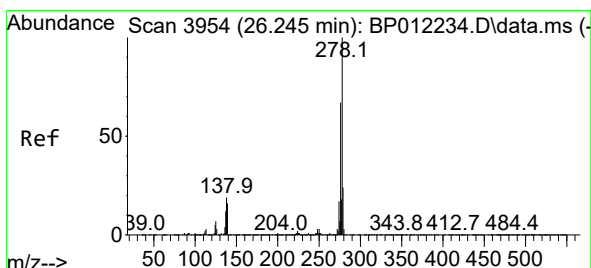
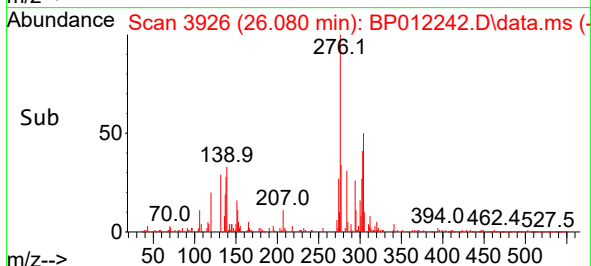
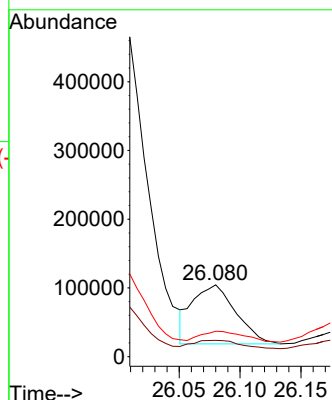
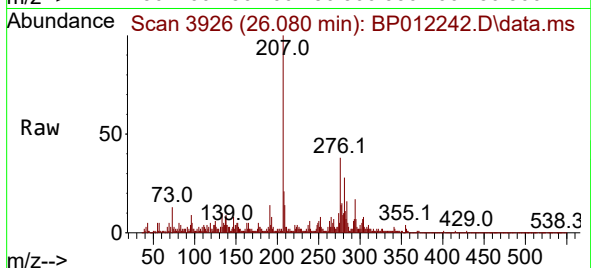
Tgt Ion:276 Resp: 212457

Ion Ratio Lower Upper

276 100

138 22.8 20.3 30.5

277 35.4 20.2 30.4#



#95

Dibenzo(a,h)anthracene

Concen: 2.884 ng/ul

RT: 26.203 min Scan# 3947

Delta R.T. -0.059 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Tgt Ion:278 Resp: 285977

Ion Ratio Lower Upper

278 100

139 18.3 12.9 19.3

279 33.6 19.0 28.4#

