

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012012.D
 Acq On : 07 Oct 2022 17:18
 Operator : CG/JU
 Sample : N4923-09DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10011DL

Quant Time: Oct 07 23:09:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	217471	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	882938	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	533504	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1109103	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1127430	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1176420	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1322	0.268	ng/uL	0.00
4) Pyridine-d5	3.752	84	14778	1.023	ng/ul	0.04
7) Phenol-d5	7.046	99	12653	0.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	53694	5.160	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	36127	2.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	25970	1.673	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	39398	5.858	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	23225	3.228	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	41220	3.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	108643	5.355	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	208988	5.478	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	253881	5.837	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	1487	0.188	ng/ul	-0.01
60) Fluorene-d10	15.516	176	201107	6.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	13012	1.938	ng/ul	0.01
73) Anthracene-d10	17.380	188	300535	5.949	ng/ul	0.00
81) Pyrene-d10	19.616	212	347848	6.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	342144	5.810	ng/ul	0.00
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.322	108	226327	14.752	ng/ul	99
18) 4-Methylphenol	8.651	108	21154	1.251	ng/ul	96
26) 2,4-Dimethylphenol	9.863	107	414489	26.849	ng/ul	96
30) Naphthalene	10.734	128	1755061	37.008	ng/ul	100
32) 4-Chloroaniline	10.734	127	230981	11.128	ng/ul#	8
36) 2-Methylnaphthalene	12.345	142	41202	1.244	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	1280614	38.536	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	259299	6.571	ng/ul	99
50) Acenaphthylene	14.245	152	352182	7.291	ng/ul	98
52) Acenaphthene	14.586	153	667457	19.585	ng/ul	99
56) Dibenzofuran	14.922	168	597228	12.795	ng/ul	99
61) Fluorene	15.575	166	255532	6.684	ng/ul	98
72) Phenanthrene	17.322	178	880805	14.451	ng/ul	100
74) Anthracene	17.416	178	114471	1.867	ng/ul	99
77) Carbazole	17.692	167	126833	2.289	ng/ul	98
80) Fluoranthene	19.292	202	520618	7.451	ng/ul	99
82) Pyrene	19.645	202	412123	5.665	ng/ul	97
85) Benzo(a)anthracene	21.351	228	176385	2.392	ng/ul	97
87) Chrysene	21.404	228	141312	2.042	ng/ul	97
90) Benzo(b)fluoranthene	23.057	252	216437	2.882	ng/ul	97
91) Benzo(k)fluoranthene	23.057	252	216437	2.993	ng/ul	97
93) Benzo(a)pyrene	23.686	252	141165	2.107	ng/ul	94
96) Benzo(g,h,i)perylene	27.103	276	78138	1.033	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

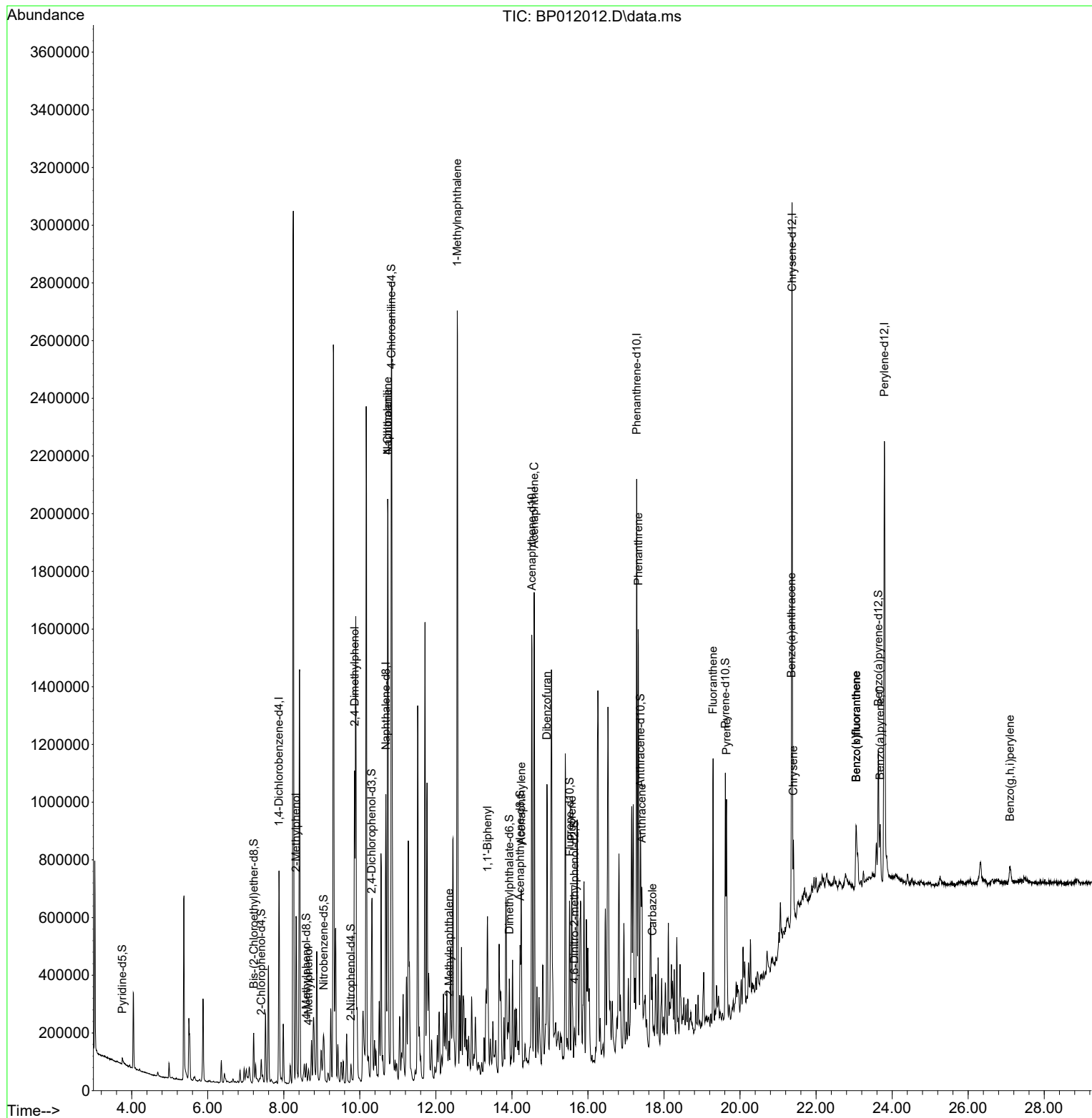
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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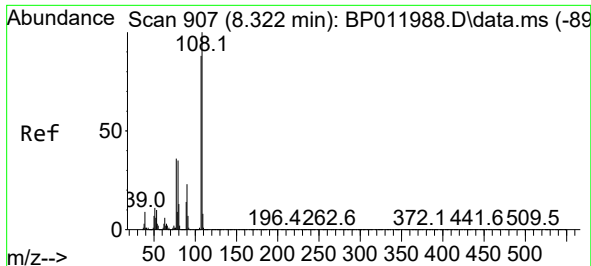
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

2-Methylphenol

Concen: 14.752 ng/ul

RT: 8.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

Instrument :

BNA_P

ClientSampleId :

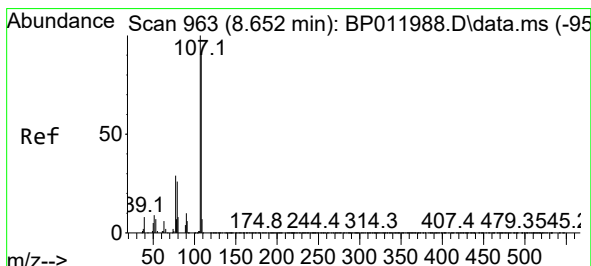
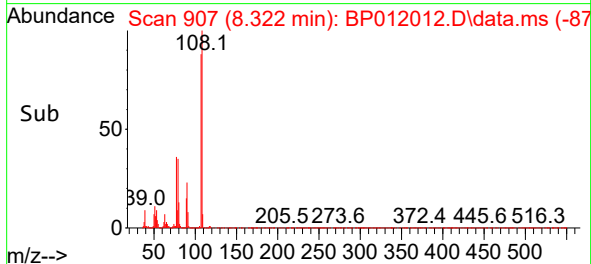
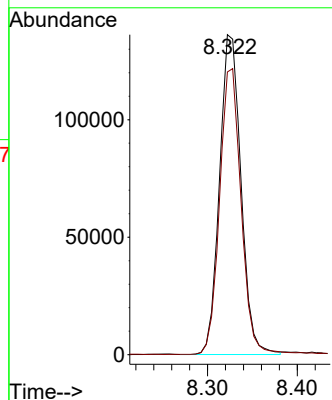
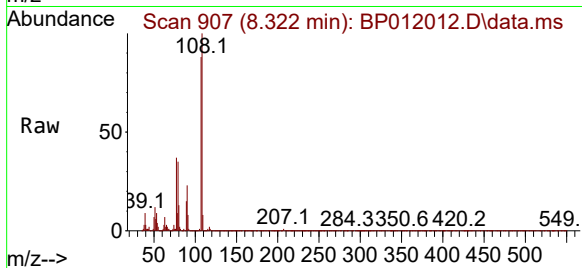
E10011DL

Tgt Ion:108 Resp: 226327

Ion Ratio Lower Upper

108 100

107 88.3 70.2 105.2



#18

4-Methylphenol

Concen: 1.251 ng/ul

RT: 8.651 min Scan# 963

Delta R.T. -0.000 min

Lab File: BP012012.D

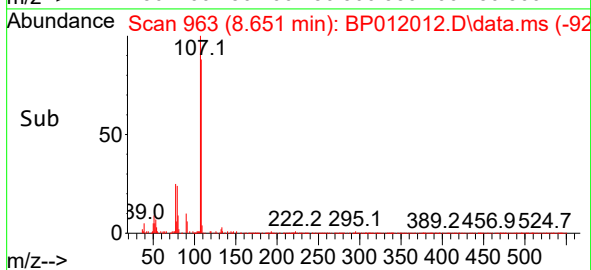
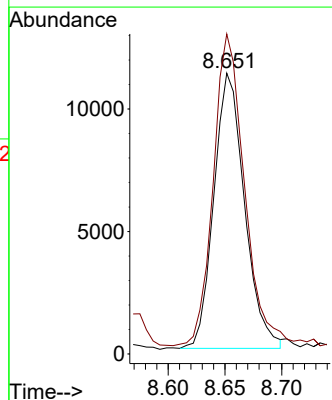
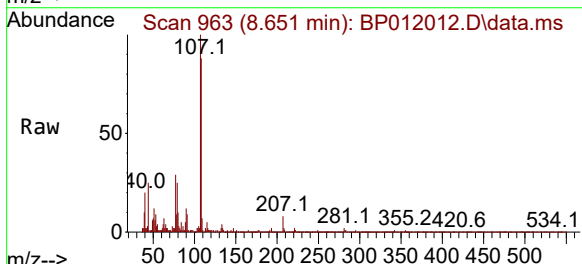
Acq: 07 Oct 2022 17:18

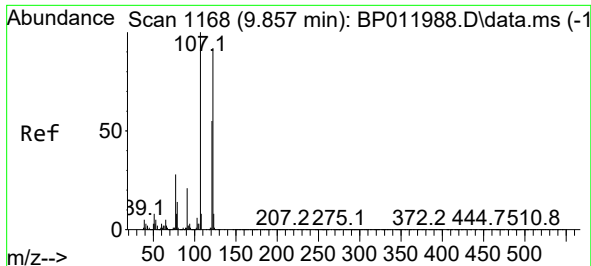
Tgt Ion:108 Resp: 21154

Ion Ratio Lower Upper

108 100

107 114.0 88.0 132.0

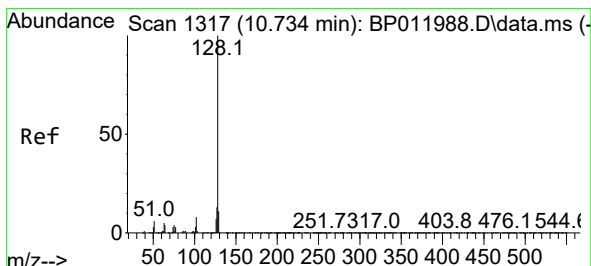
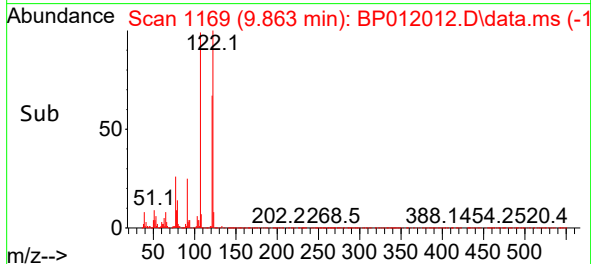
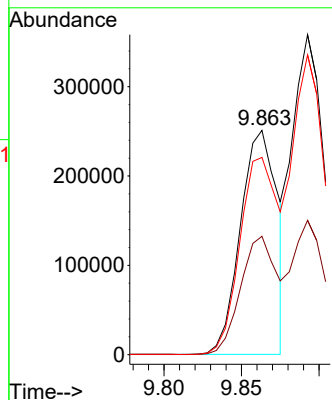
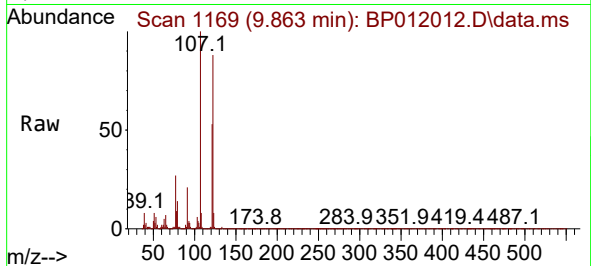




#26
2,4-Dimethylphenol
Concen: 26.849 ng/ul
RT: 9.863 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

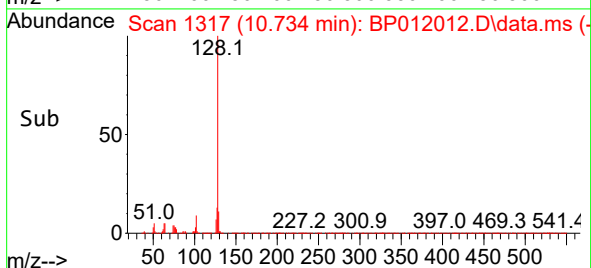
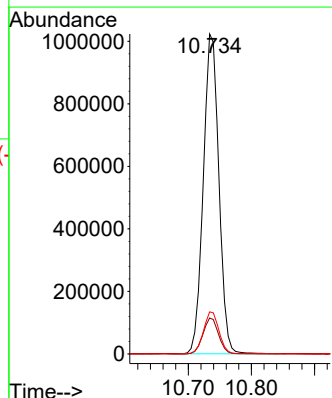
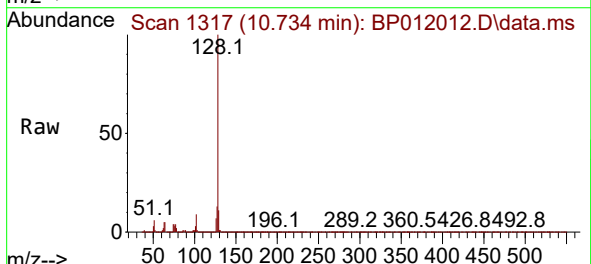
Instrument :
BNA_P
ClientSampleId :
E10011DL

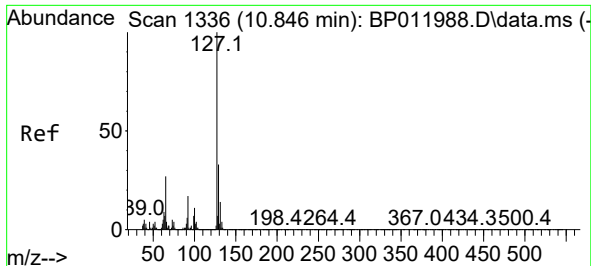
Tgt Ion:107 Resp: 414489
Ion Ratio Lower Upper
107 100
121 52.8 43.0 64.6
122 88.0 74.9 112.3



#30
Naphthalene
Concen: 37.008 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:128 Resp: 1755061
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7

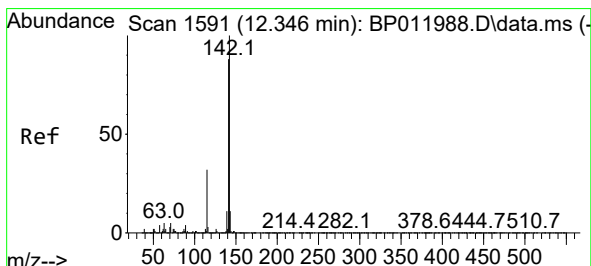
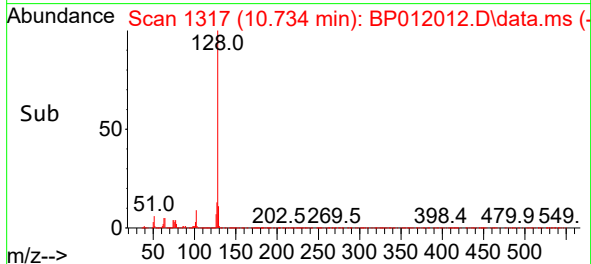
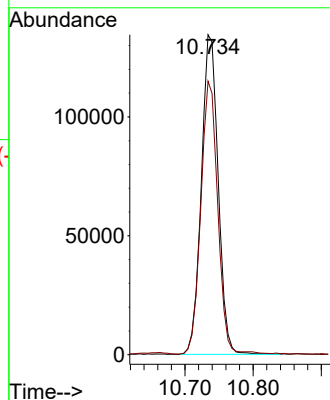
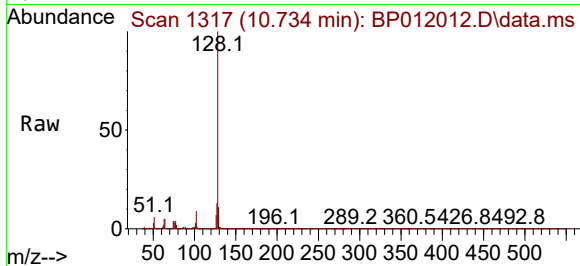




#32
4-Chloroaniline
Concen: 11.128 ng/ul
RT: 10.734 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

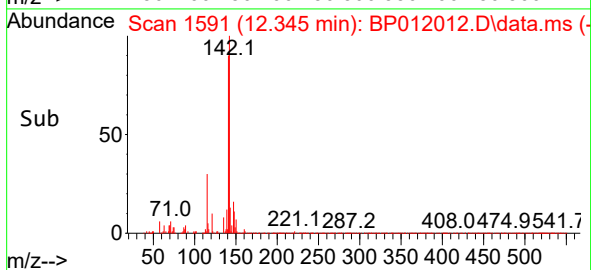
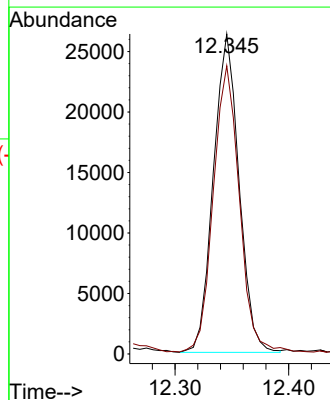
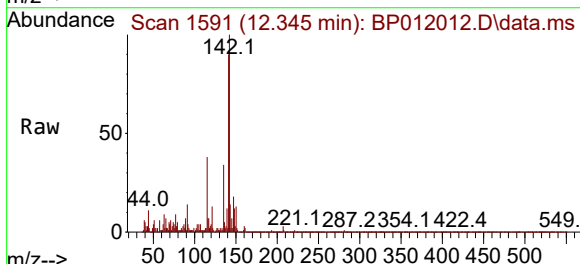
Instrument :
BNA_P
ClientSampleId :
E10011DL

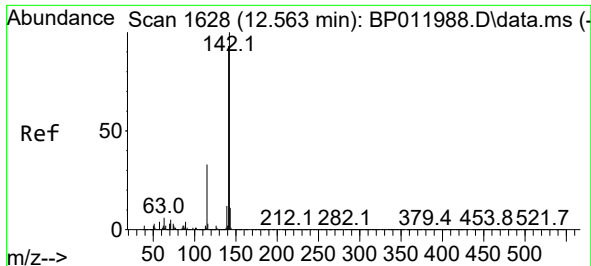
Tgt Ion:127 Resp: 230981
Ion Ratio Lower Upper
127 100
129 85.4 26.6 39.8#



#36
2-Methylnaphthalene
Concen: 1.244 ng/ul
RT: 12.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:142 Resp: 41202
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0





#37

1-Methylnaphthalene

Concen: 38.536 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

Instrument :

BNA_P

ClientSampleId :

E10011DL

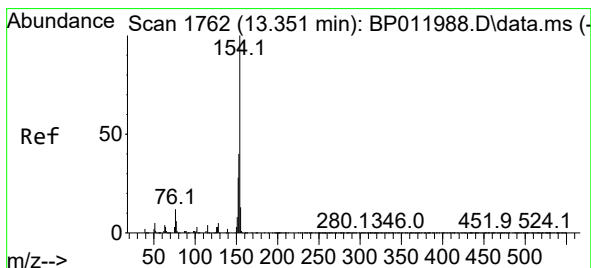
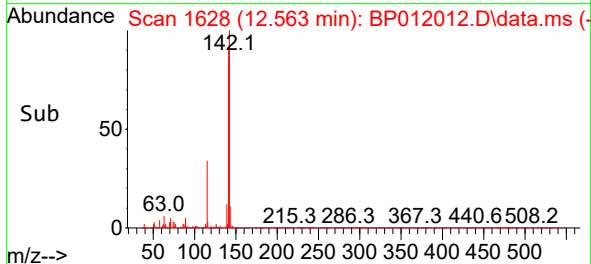
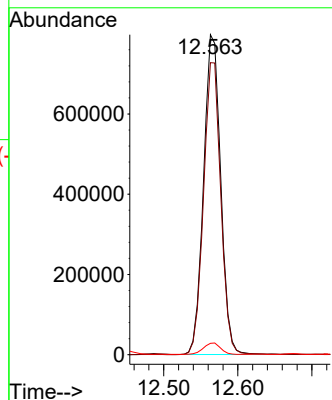
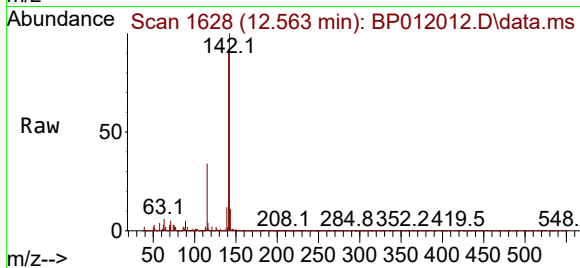
Tgt Ion:142 Resp: 1280614

Ion Ratio Lower Upper

142 100

141 91.2 74.8 112.2

116 3.6 2.9 4.3



#43

1,1'-Biphenyl

Concen: 6.571 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. 0.006 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

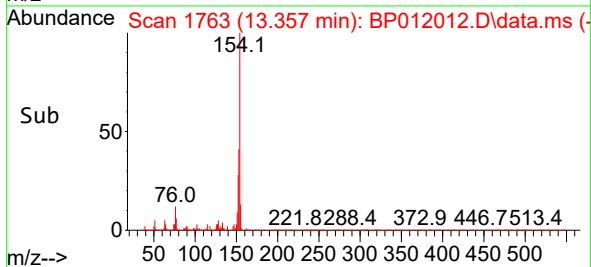
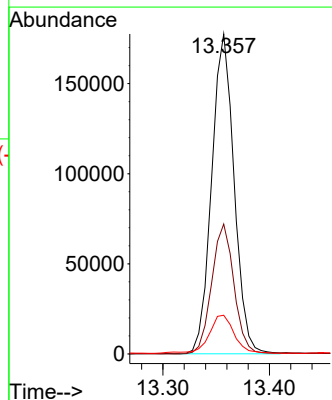
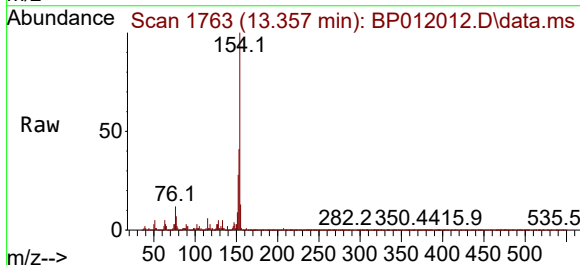
Tgt Ion:154 Resp: 259299

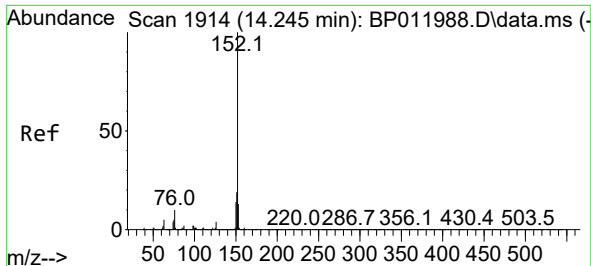
Ion Ratio Lower Upper

154 100

153 40.6 31.8 47.6

76 12.1 9.5 14.3

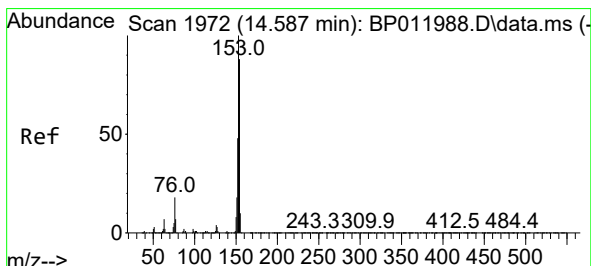
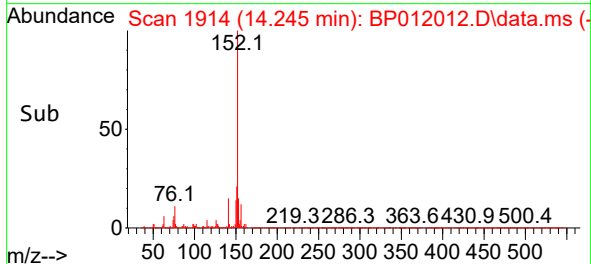
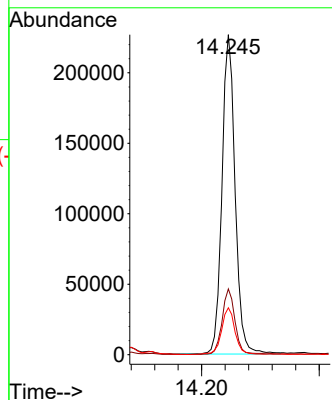
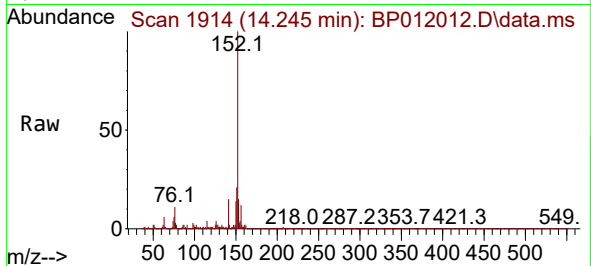




#50
Acenaphthylene
Concen: 7.291 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

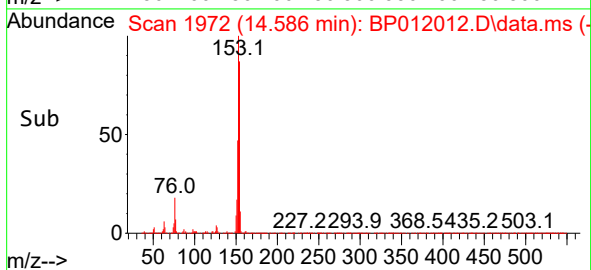
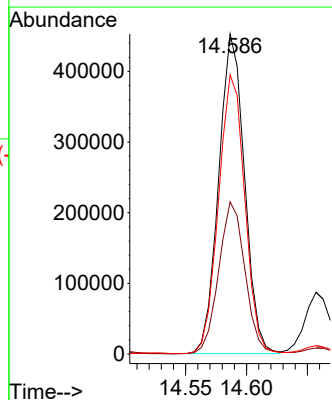
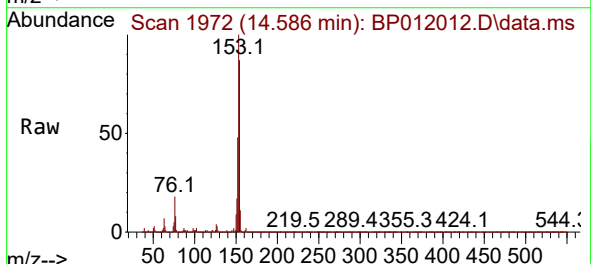
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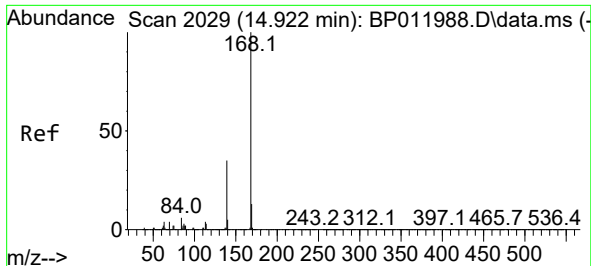
Tgt Ion:152 Resp: 352182
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.6 10.8 16.2



#52
Acenaphthene
Concen: 19.585 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:153 Resp: 667457
Ion Ratio Lower Upper
153 100
152 47.5 38.4 57.6
154 87.2 70.6 105.8

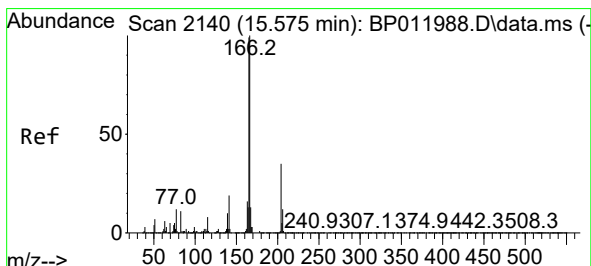
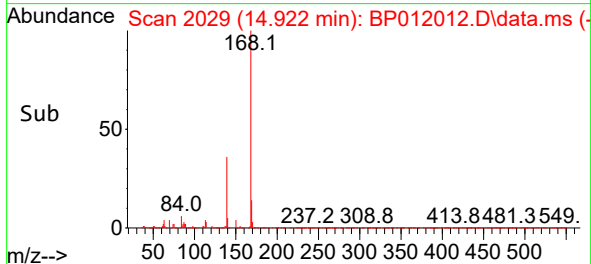
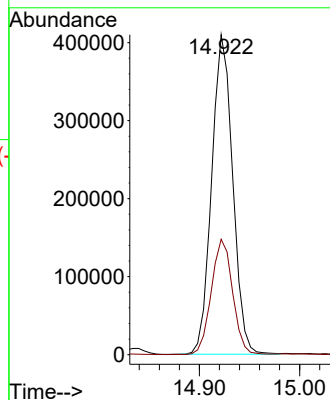
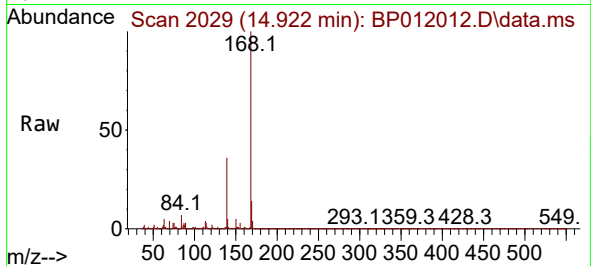




#56
Dibenzenofuran
Concen: 12.795 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

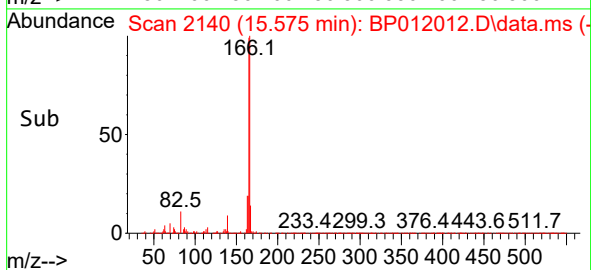
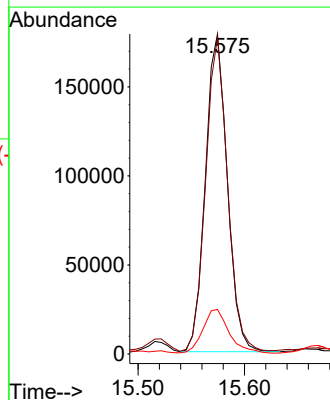
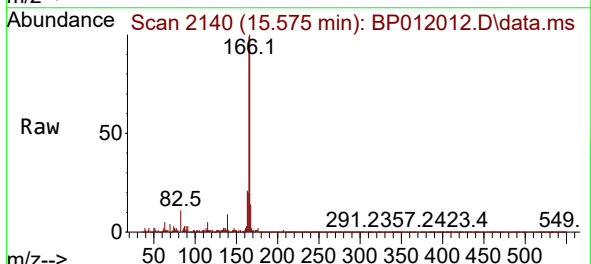
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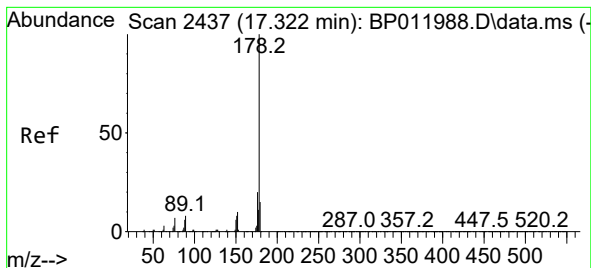
Tgt Ion:168 Resp: 597228
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.2



#61
Fluorene
Concen: 6.684 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:166 Resp: 255532
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 13.9 10.7 16.1





#72

Phenanthrene

Concen: 14.451 ng/ul

RT: 17.322 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

Instrument :

BNA_P

ClientSampleId :

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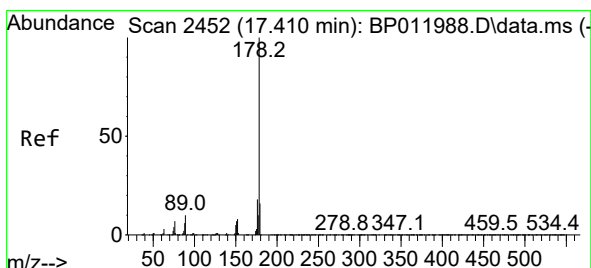
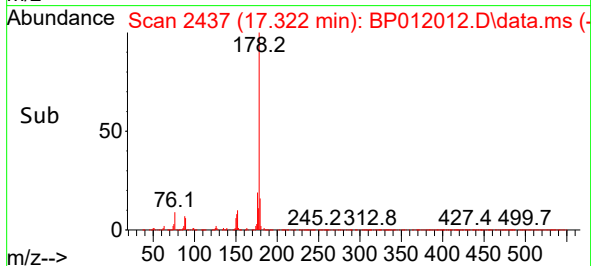
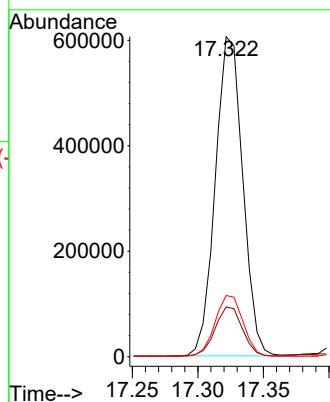
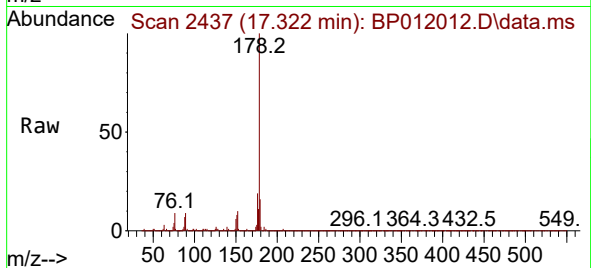
Tgt Ion:178 Resp: 880805

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.1 15.4 23.2



#74

Anthracene

Concen: 1.867 ng/ul

RT: 17.416 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

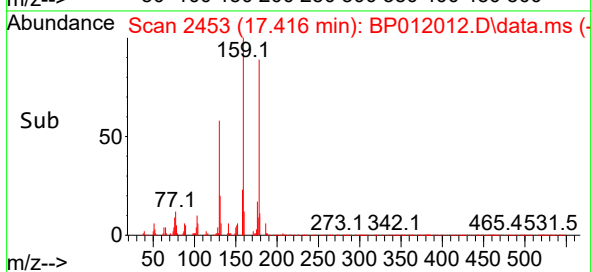
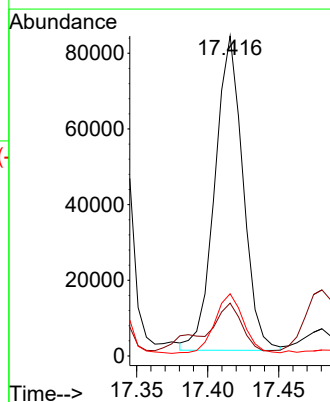
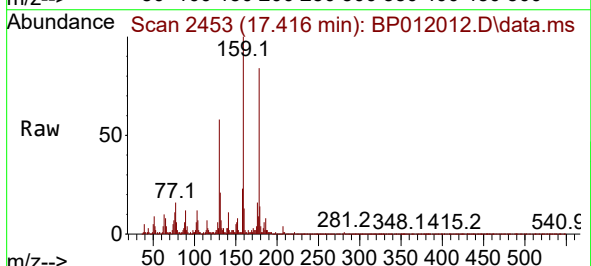
Tgt Ion:178 Resp: 114471

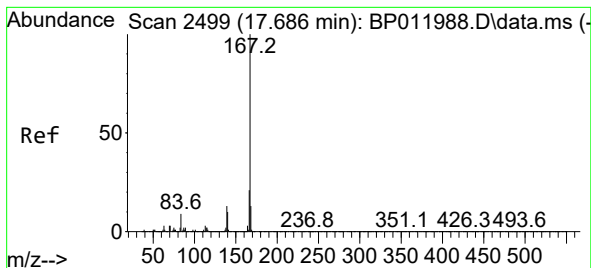
Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

176 19.5 15.4 23.2





#77

Carbazole

Concen: 2.289 ng/ul

RT: 17.692 min Scan# 2499

Delta R.T. 0.006 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

Instrument :

BNA_P

ClientSampleId :

E10011DL

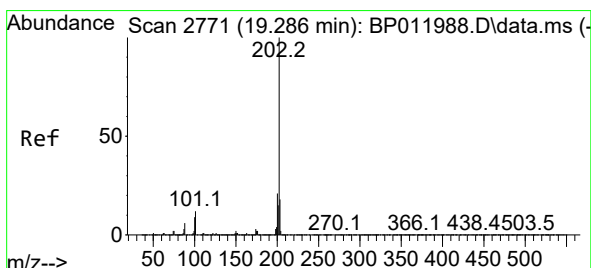
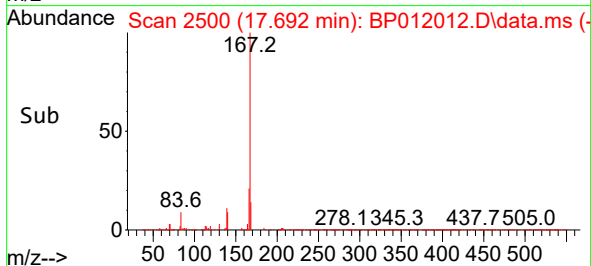
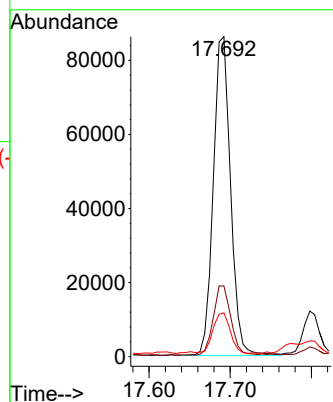
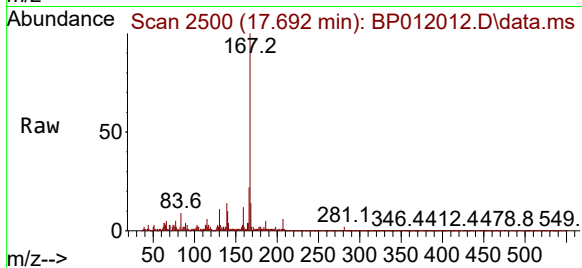
Tgt Ion:167 Resp: 126833

Ion Ratio Lower Upper

167 100

166 22.1 17.1 25.7

139 13.7 10.1 15.1



#80

Fluoranthene

Concen: 7.451 ng/ul

RT: 19.292 min Scan# 2772

Delta R.T. 0.006 min

Lab File: BP012012.D

Acq: 07 Oct 2022 17:18

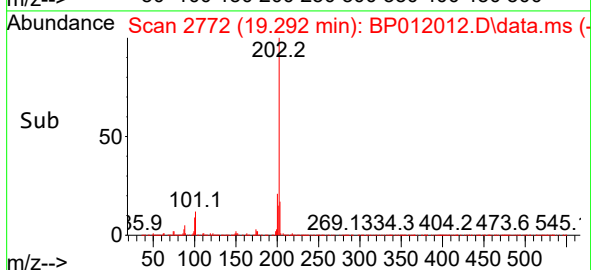
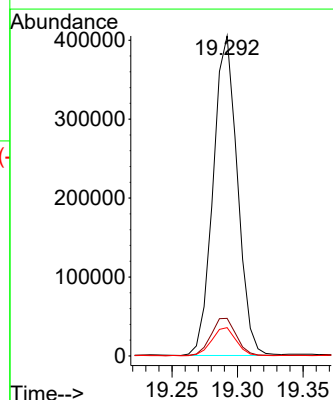
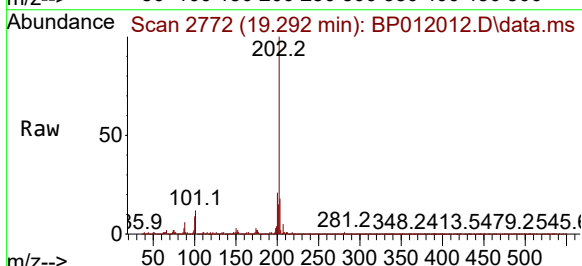
Tgt Ion:202 Resp: 520618

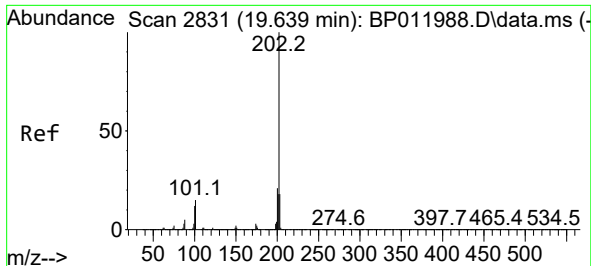
Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.6

100 8.9 7.4 11.0

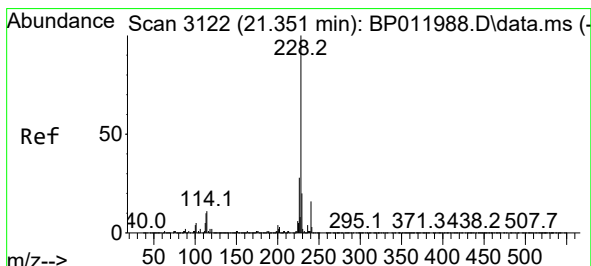
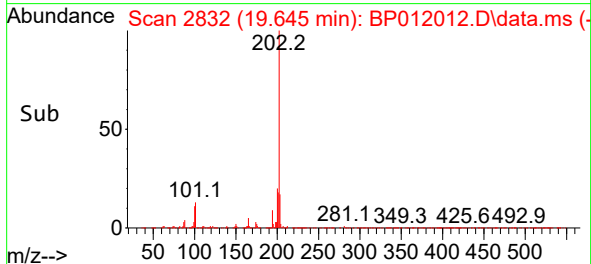
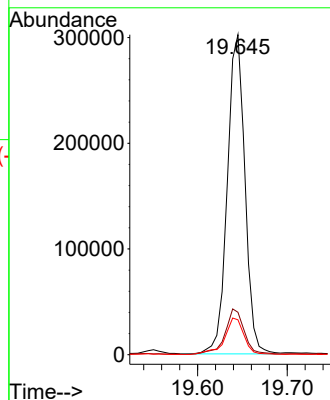
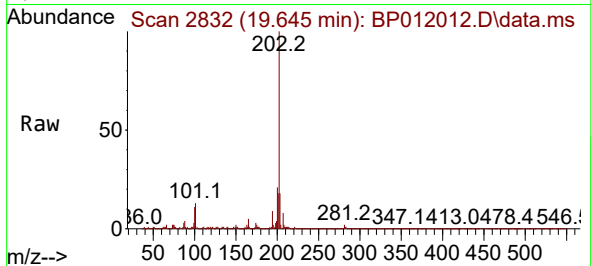




#82
Pyrene
Concen: 5.665 ng/ul
RT: 19.645 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

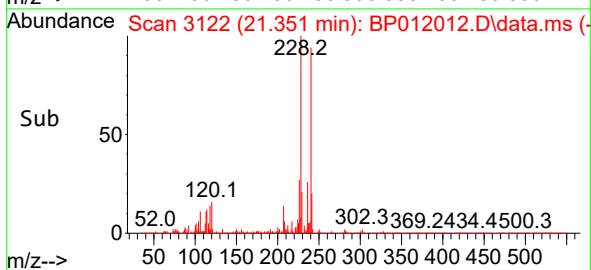
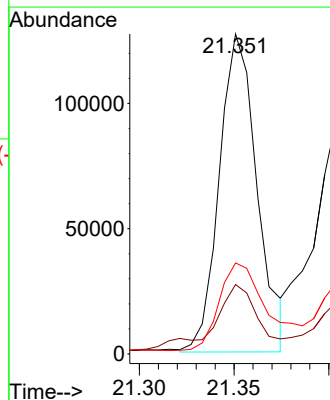
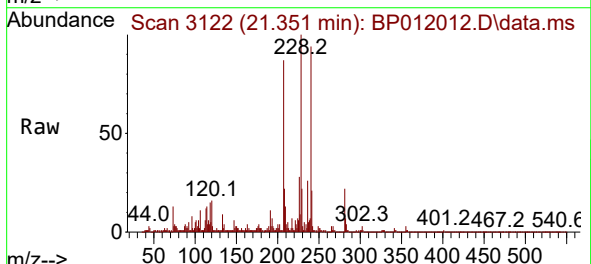
Instrument :
BNA_P
ClientSampleId :
E10011DL

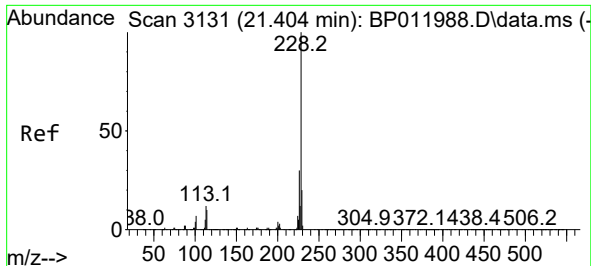
Tgt Ion:202 Resp: 412123
Ion Ratio Lower Upper
202 100
101 13.3 11.6 17.4
100 10.9 9.4 14.0



#85
Benzo(a)anthracene
Concen: 2.392 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:228 Resp: 176385
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 28.4 22.0 33.0

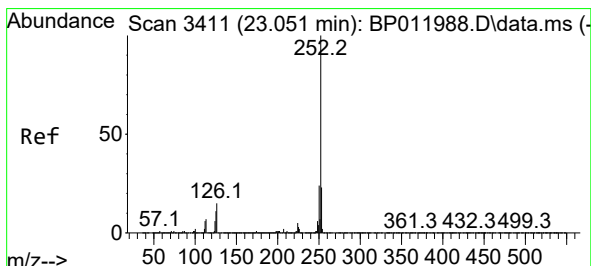
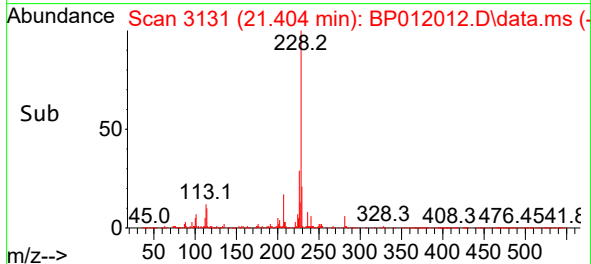
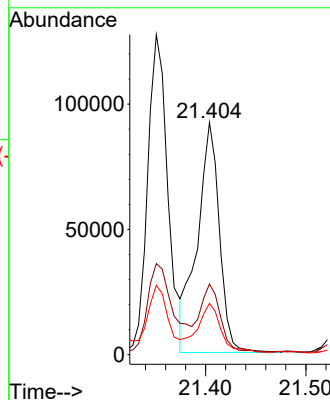
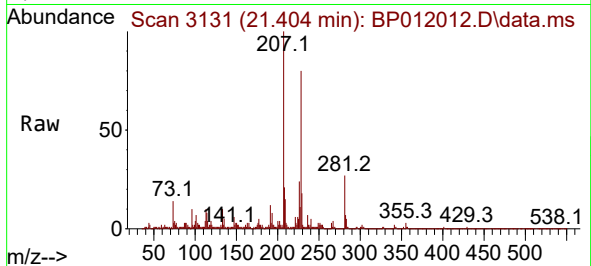




#87
Chrysene
Concen: 2.042 ng/ul
RT: 21.404 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

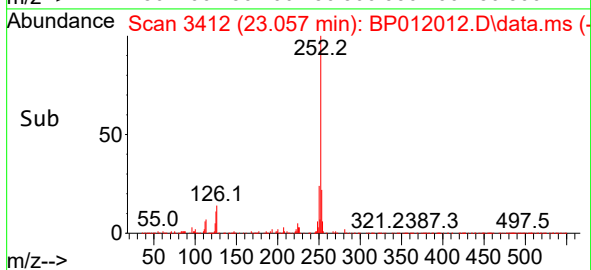
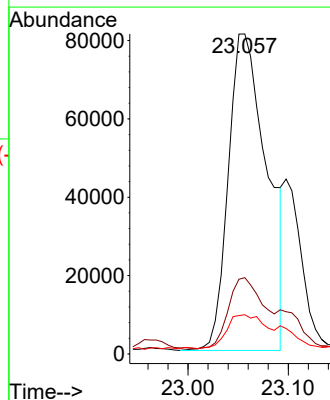
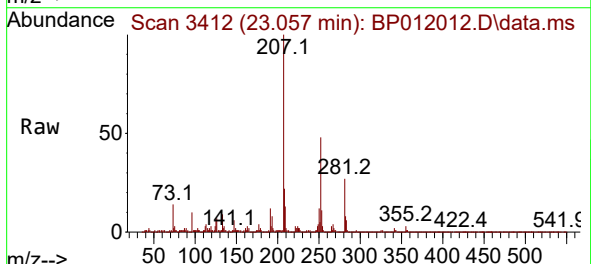
Instrument :
BNA_P
ClientSampleId :
E10011DL

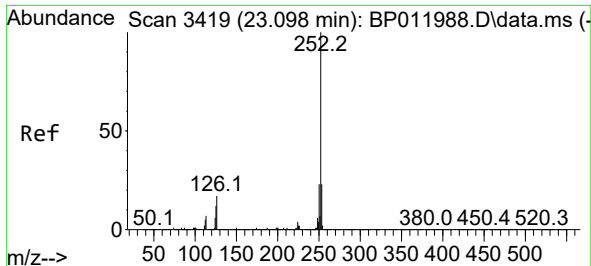
Tgt Ion:228 Resp: 141312
Ion Ratio Lower Upper
228 100
226 30.5 25.3 37.9
229 22.1 16.2 24.2



#90
Benzo(b)fluoranthene
Concen: 2.882 ng/ul
RT: 23.057 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:252 Resp: 216437
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 12.3 9.2 13.8

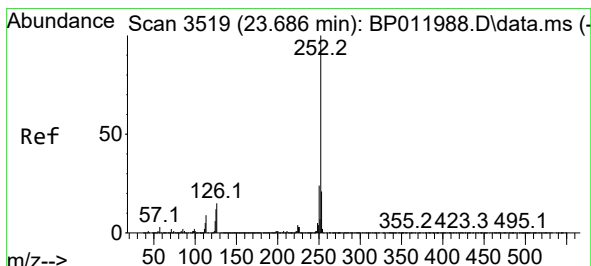
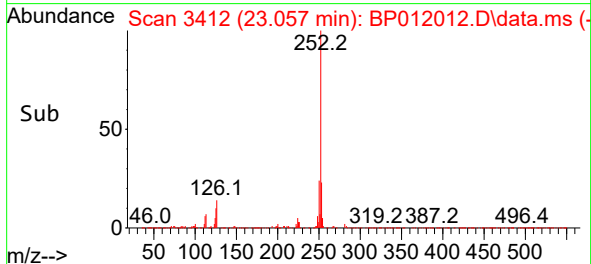
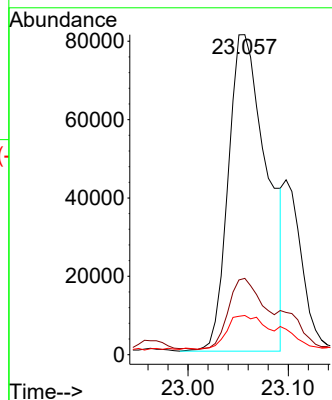
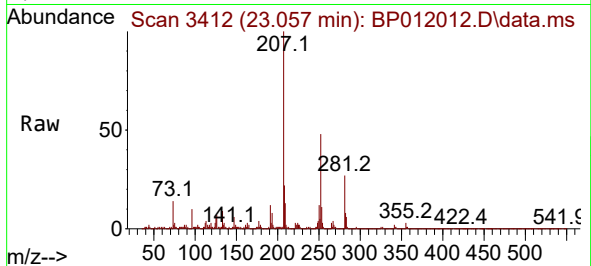




#91
Benzo(k)fluoranthene
Concen: 2.993 ng/ul
RT: 23.057 min Scan# 3419
Delta R.T. -0.041 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

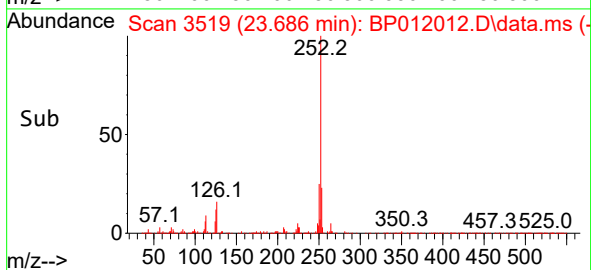
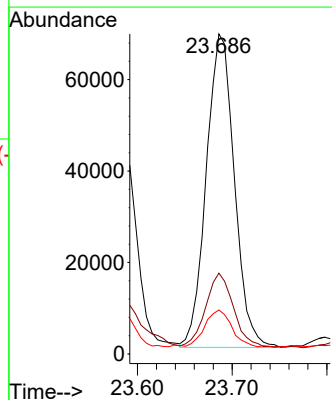
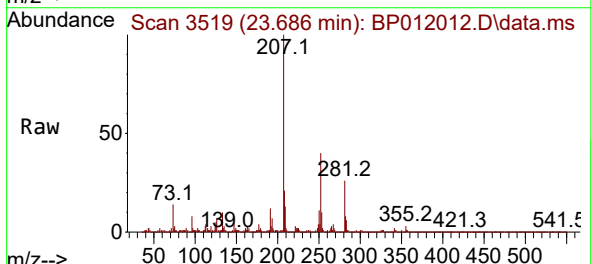
Instrument :
BNA_P
ClientSampleId :
E10011DL

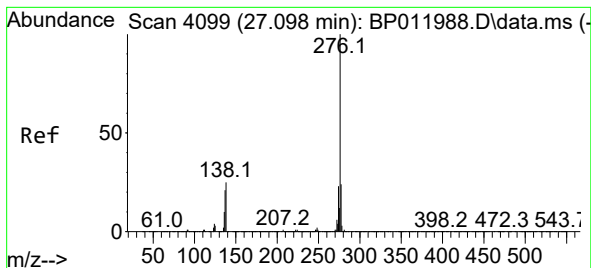
Tgt Ion:252 Resp: 216437
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 12.3 9.2 13.8



#93
Benzo(a)pyrene
Concen: 2.107 ng/ul
RT: 23.686 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Tgt Ion:252 Resp: 141165
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 13.7 9.8 14.8





#96

Benzo(g,h,i)perylene

Concen: 1.033 ng/ul

RT: 27.103 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP012012.D

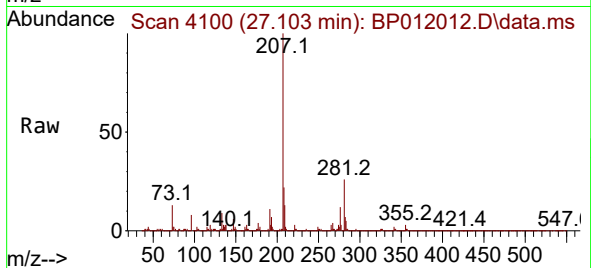
Acq: 07 Oct 2022 17:18

Instrument :

BNA_P

ClientSampleId :

E10011DL



Tgt Ion:276 Resp: 78138

Ion Ratio Lower Upper

276 100

138 25.4 19.8 29.6

277 24.5 18.6 27.8

