

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006598.D
 Acq On : 08 Aug 2021 09:42
 Operator : CG/JU
 Sample : M3169-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A7

Quant Time: Aug 09 01:38:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 01:37:18 2021
 Response via : Initial Calibration

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

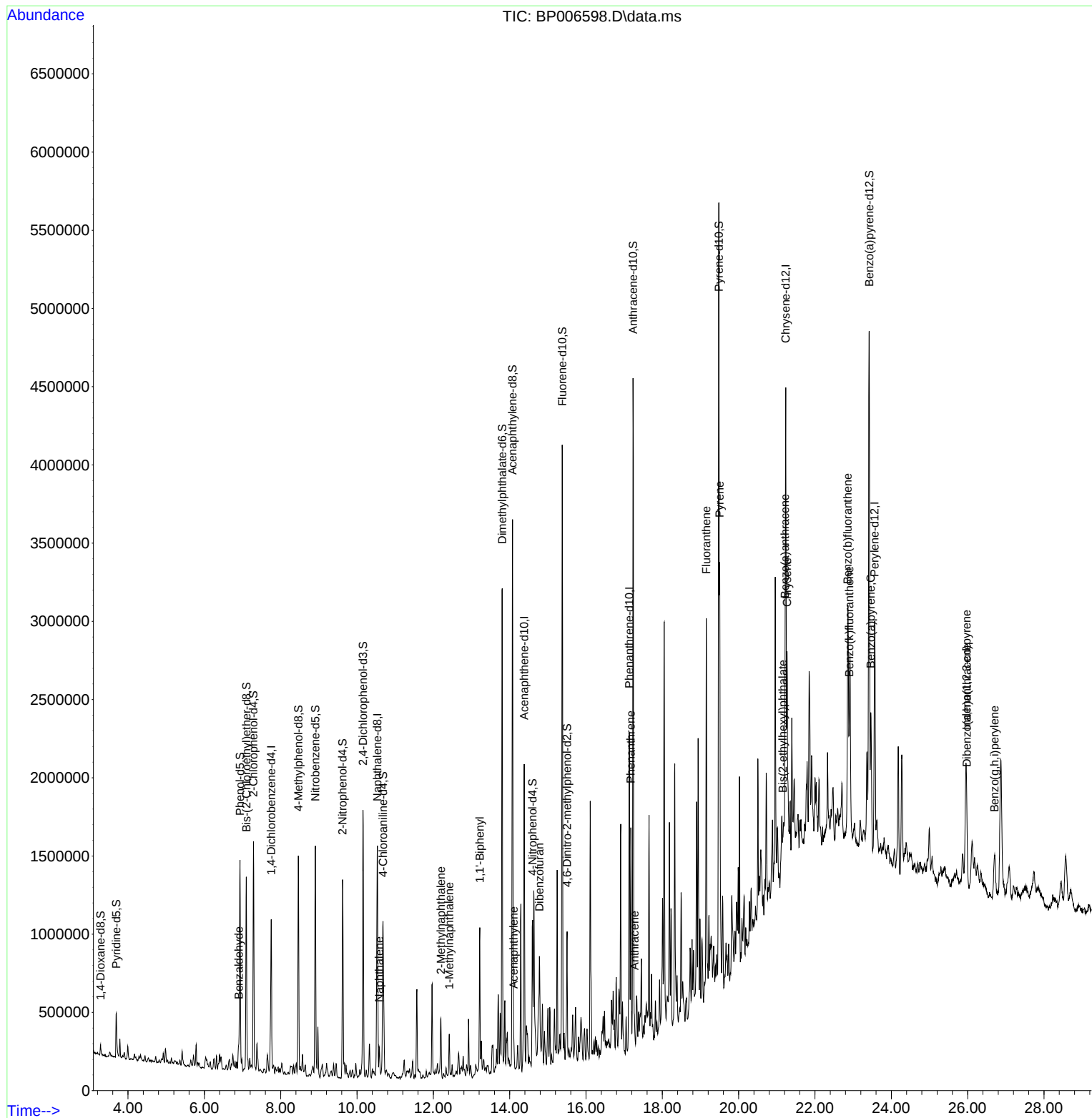
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	247865	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1048286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	575821	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	1048139	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	947858	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	1014204	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	35469	5.342	ng/uL	0.01
4) Pyridine-d5	3.693	84	189035	9.589	ng/ul	0.02
7) Phenol-d5	6.934	99	736214	31.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	552712	38.159	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	620977	35.905	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	503774	27.518	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	348516	44.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	366700	49.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	547399	37.481	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	548129	22.797	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	1763724	43.036	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	2206682	43.826	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	183601	22.563	ng/ul	0.01
60) Fluorene-d10	15.381	176	1471588	42.714	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	135872	23.253	ng/ul	0.00
73) Anthracene-d10	17.233	188	2118555	44.776	ng/ul	0.00
81) Pyrene-d10	19.480	212	2265391	46.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	2281304	44.264	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.905	77	19069	1.501	ng/ul#	73
30) Naphthalene	10.581	128	145952	2.684	ng/ul	99
36) 2-Methylnaphthalene	12.198	142	153724	4.125	ng/ul	98
37) 1-Methylnaphthalene	12.416	142	116850	3.115	ng/ul	98
43) 1,1'-Biphenyl	13.216	154	47172	1.093	ng/ul	98
50) Acenaphthylene	14.104	152	95100	1.940	ng/ul#	93
56) Dibenzofuran	14.781	168	64585	1.339	ng/ul#	81
72) Phenanthrene	17.175	178	778572	13.833	ng/ul	99
74) Anthracene	17.269	178	112212	1.966	ng/ul	98
80) Fluoranthene	19.151	202	992252	16.517	ng/ul	99
82) Pyrene	19.504	202	872811	14.002	ng/ul	99
85) Benzo(a)anthracene	21.216	228	493277	8.398	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.157	149	43660	1.090	ng/ul#	93
87) Chrysene	21.268	228	719102	12.773	ng/ul#	93
90) Benzo(b)fluoranthene	22.857	252	724921	11.253	ng/ul#	95
91) Benzo(k)fluoranthene	22.898	252	221149	3.617	ng/ul#	89
93) Benzo(a)pyrene	23.462	252	449393	7.981	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.968	276	333866	4.632	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	111224	1.822	ng/ul#	62
96) Benzo(g,h,i)perylene	26.703	276	309768	5.202	ng/ul	93

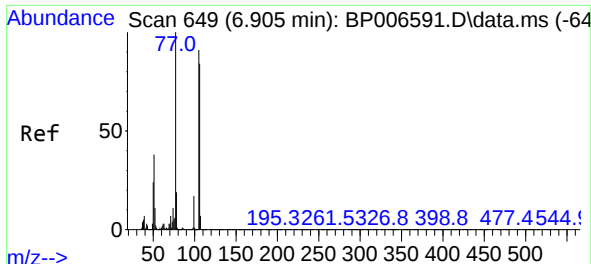
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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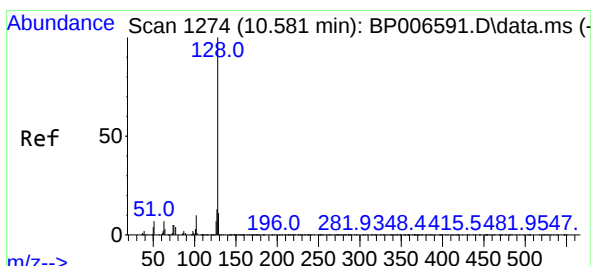
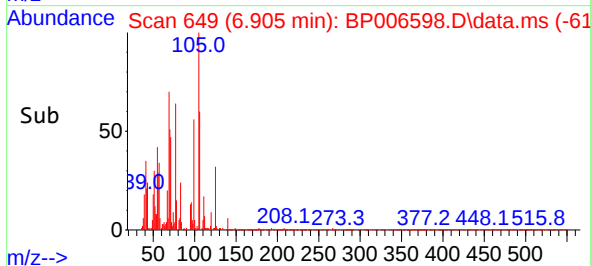
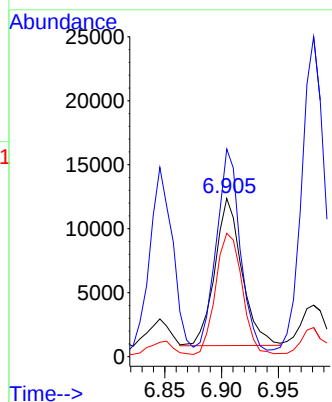
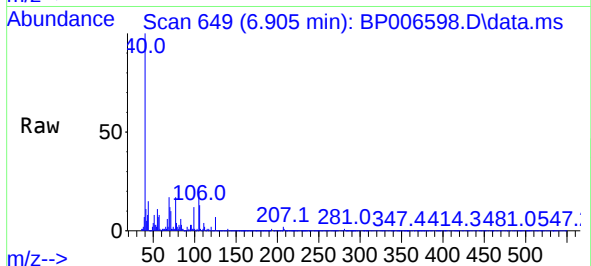




#6
Benzaldehyde
Concen: 1.501 ng/ul
RT: 6.905 min Scan# 649
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

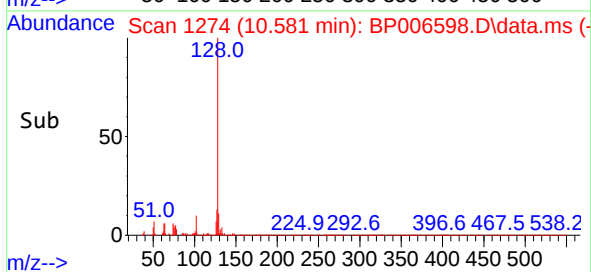
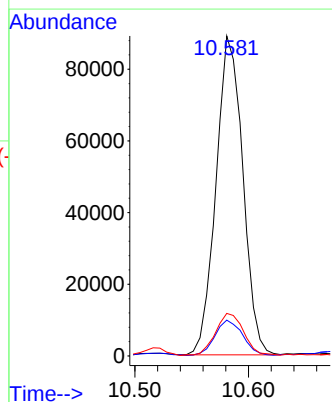
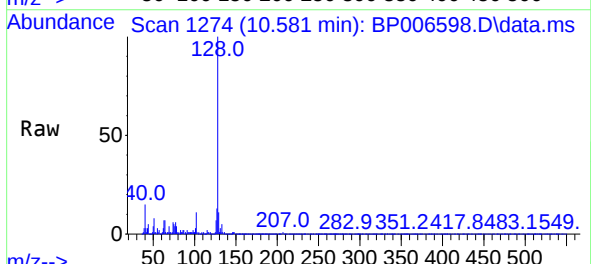
Instrument :
BNA_P
ClientSampled :
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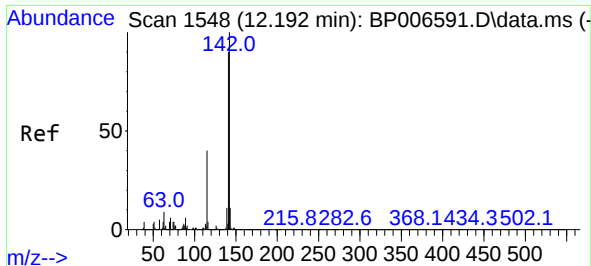
Tgt Ion: 77 Resp: 19069
Ion Ratio Lower Upper
77 100
105 131.3 70.4 105.6#
106 77.9 68.0 102.0



#30
Naphthalene
Concen: 2.684 ng/ul
RT: 10.581 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:128 Resp: 145952
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 15.8

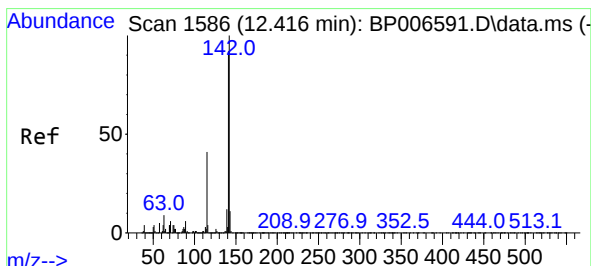
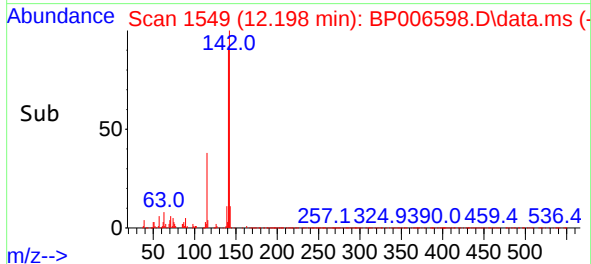
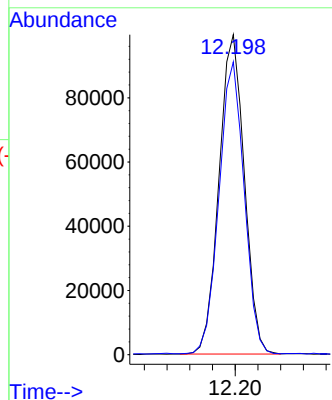
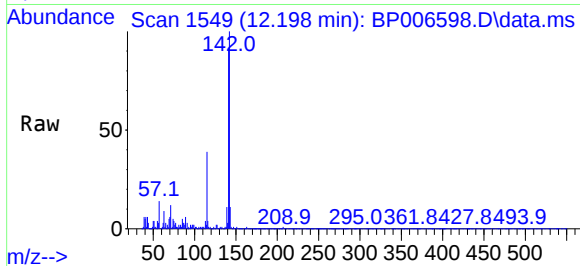




#36
2-Methylnaphthalene
Concen: 4.125 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

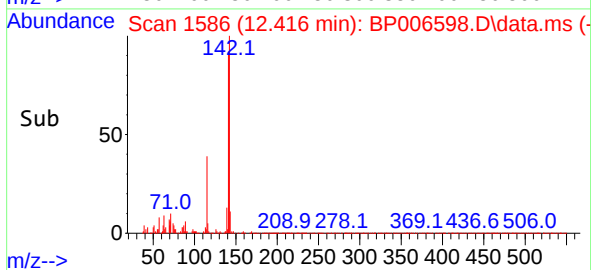
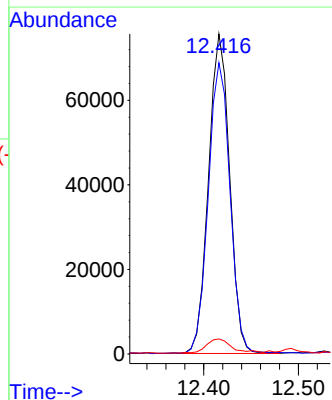
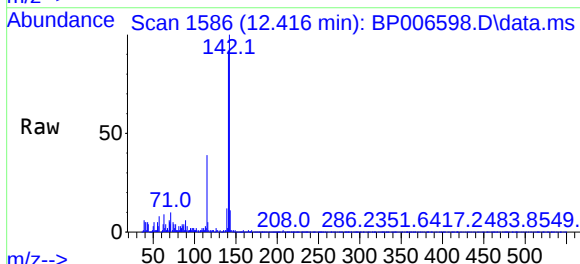
Instrument :
BNA_P
ClientSampled :
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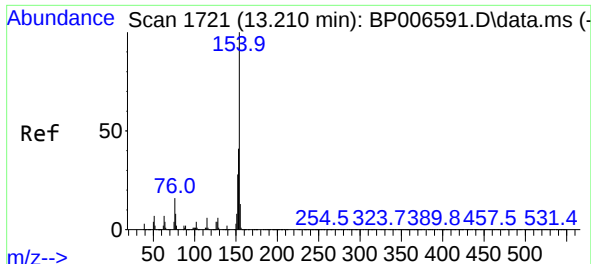
Tgt Ion:142 Resp: 153724
Ion Ratio Lower Upper
142 100
141 91.5 71.5 107.3



#37
1-Methylnaphthalene
Concen: 3.115 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:142 Resp: 116850
Ion Ratio Lower Upper
142 100
141 91.0 74.4 111.6
116 4.7 3.3 4.9

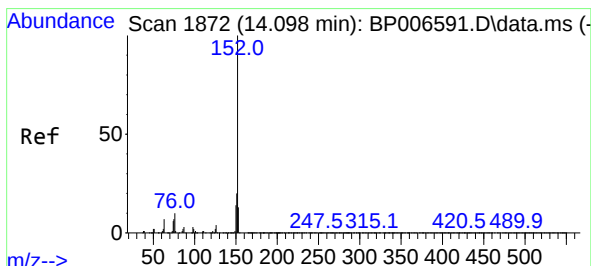
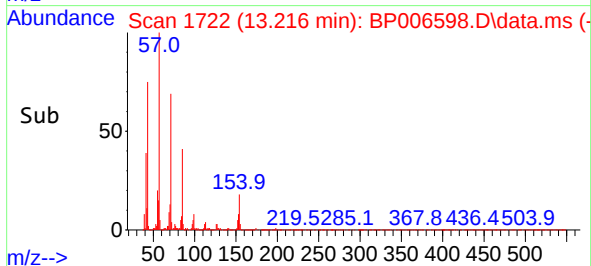
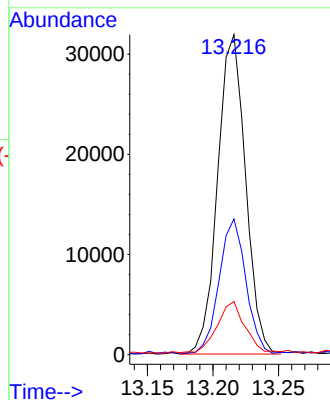
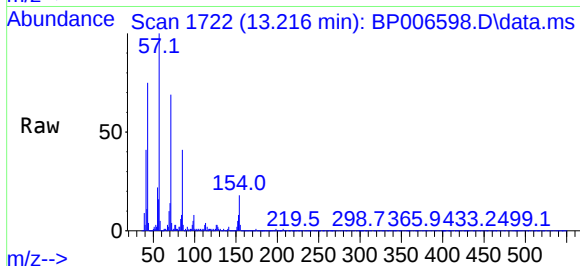




#43
1,1'-Biphenyl
Concen: 1.093 ng/ul
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

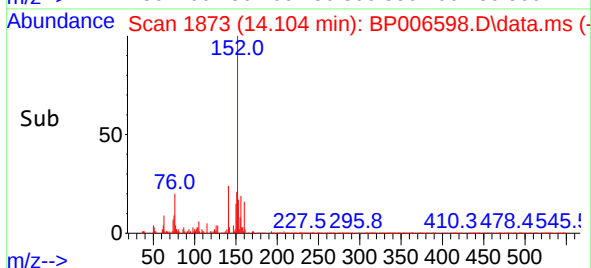
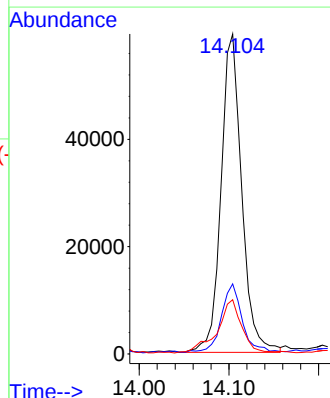
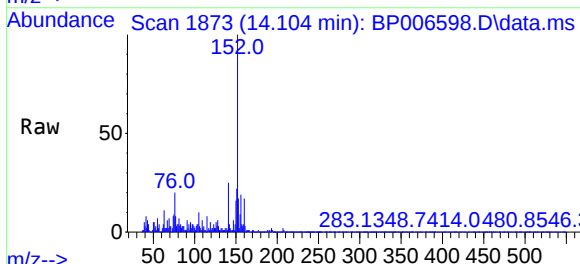
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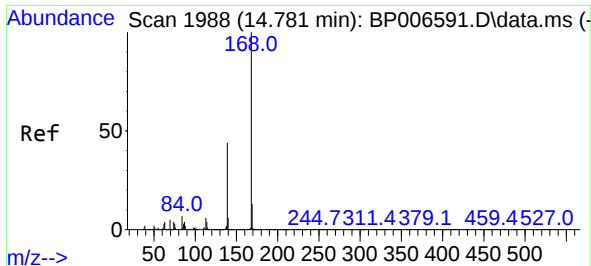
Tgt Ion:154	Resp:	47172
Ion Ratio	Lower	Upper
154	100	
153	42.4	32.8 49.2
76	16.6	12.8 19.2



#50
Acenaphthylene
Concen: 1.940 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:152	Resp:	95100
Ion Ratio	Lower	Upper
152	100	
151	21.9	16.0 24.0
153	17.0	10.3 15.5

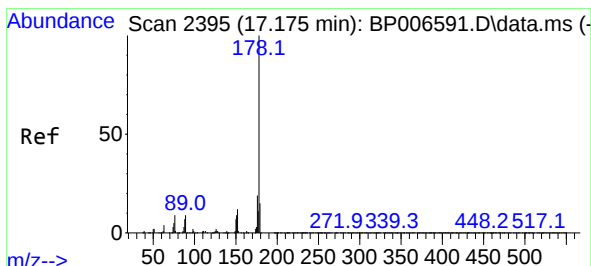
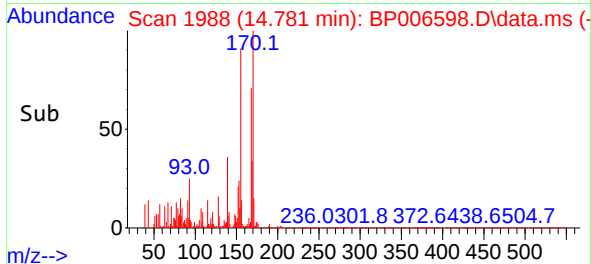
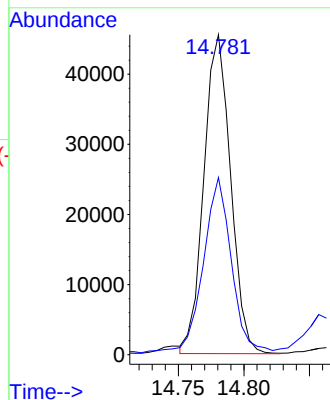
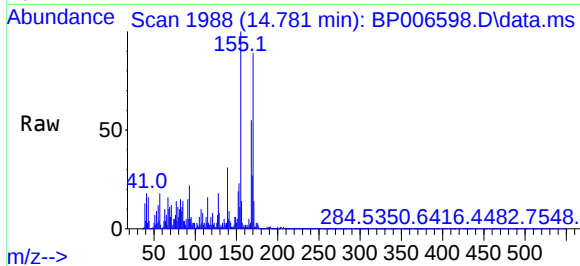




#56
Dibenzofuran
Concen: 1.339 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

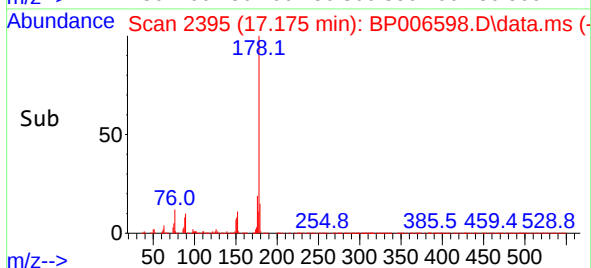
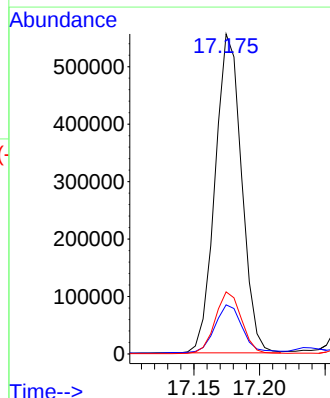
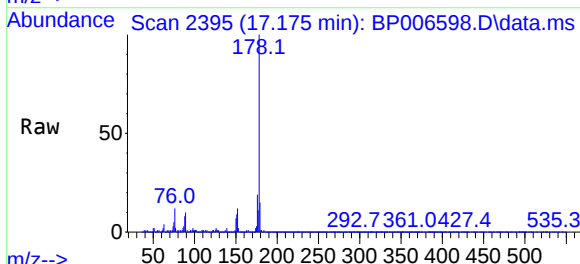
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ClientSampled :
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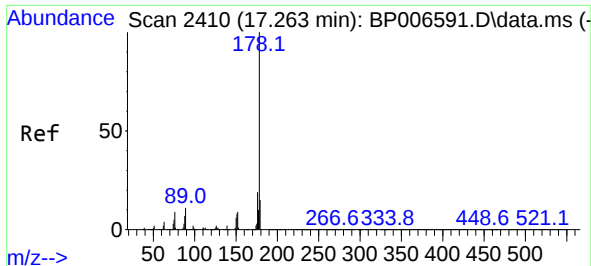
Tgt Ion:168 Resp: 64585
Ion Ratio Lower Upper
168 100
139 55.4 34.6 52.0#



#72
Phenanthrene
Concen: 13.833 ng/ul
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:178 Resp: 778572
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.4 15.2 22.8

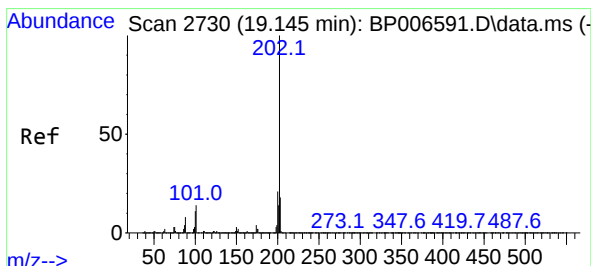
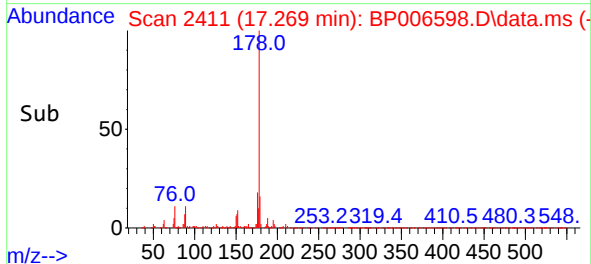
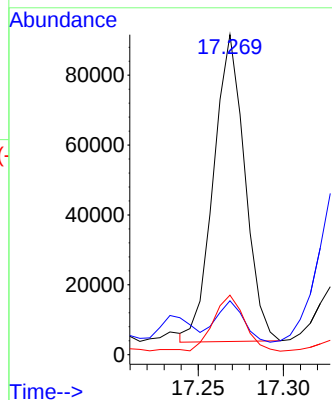
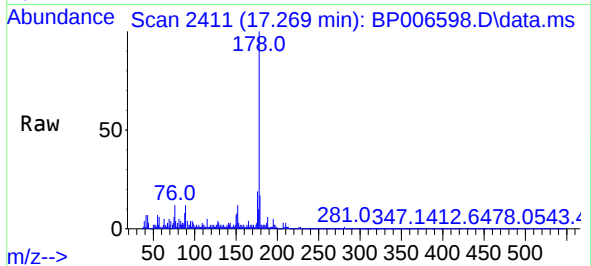




#74
 Anthracene
 Concen: 1.966 ng/ul
 RT: 17.269 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BP006598.D
 Acq: 08 Aug 2021 09:42

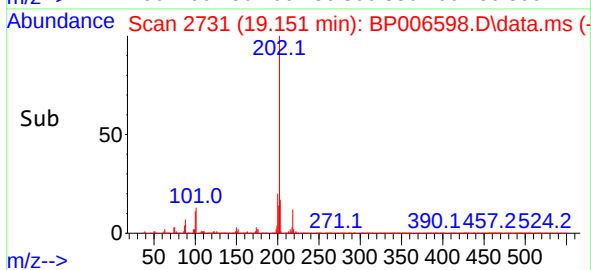
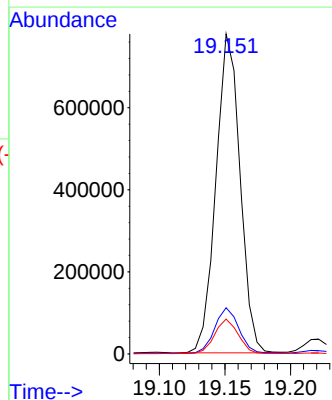
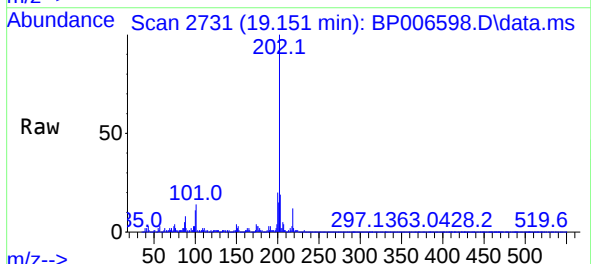
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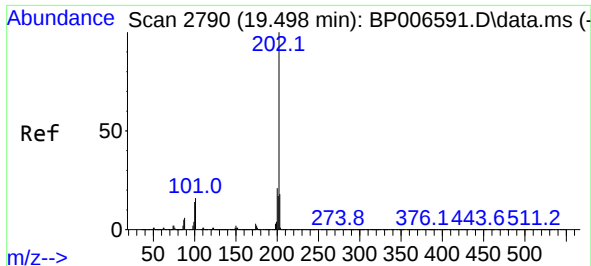
Tgt Ion:178 Resp: 112212
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.0 18.0
 176 18.6 14.7 22.1



#80
 Fluoranthene
 Concen: 16.517 ng/ul
 RT: 19.151 min Scan# 2731
 Delta R.T. -0.000 min
 Lab File: BP006598.D
 Acq: 08 Aug 2021 09:42

Tgt Ion:202 Resp: 992252
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.2 16.8
 100 10.9 8.7 13.1

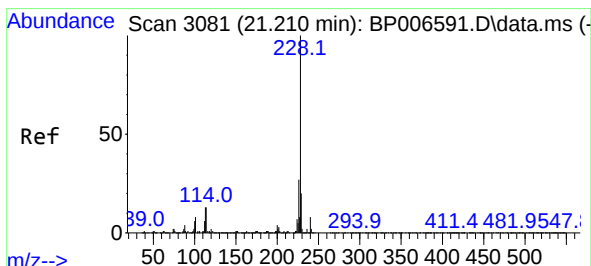
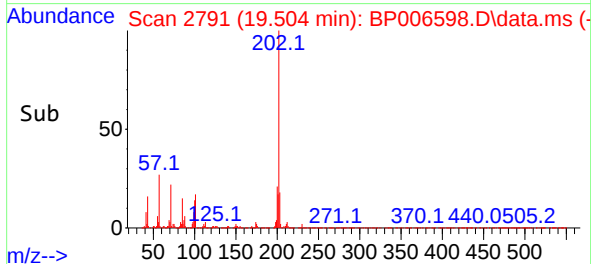
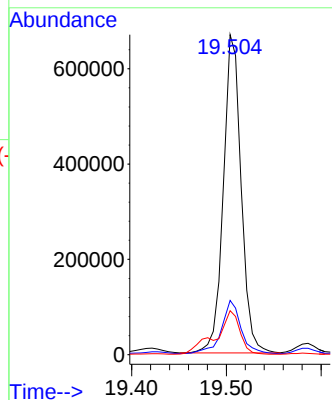
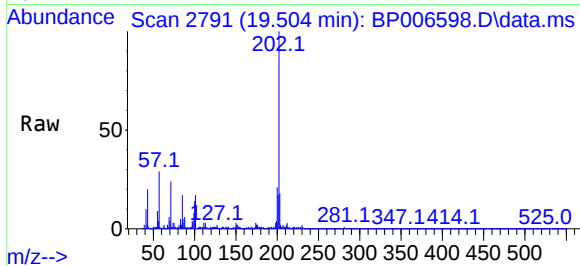




#82
Pyrene
Concen: 14.002 ng/ul
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

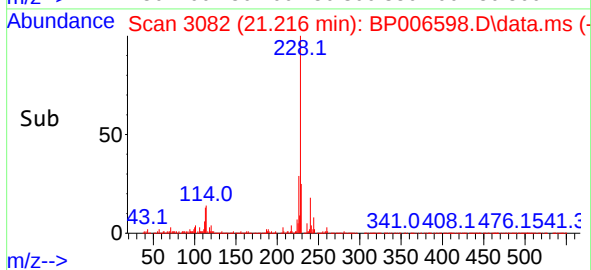
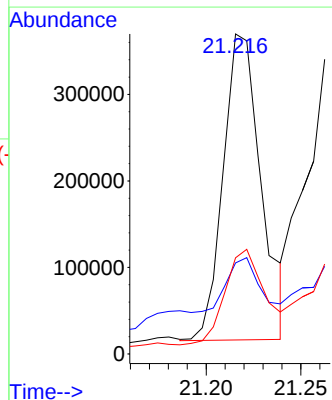
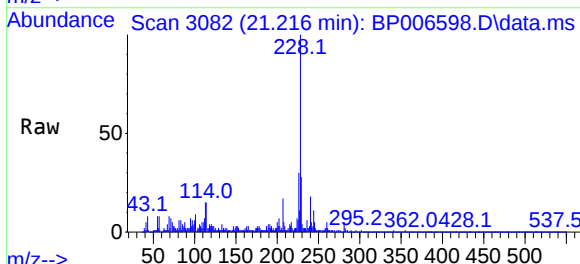
Instrument :
BNA_P
ClientSampled :
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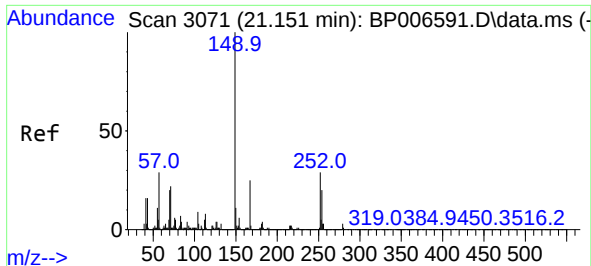
Tgt Ion:202 Resp: 872811
Ion Ratio Lower Upper
202 100
101 16.9 13.0 19.6
100 13.7 11.4 17.0



#85
Benzo(a)anthracene
Concen: 8.398 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:228 Resp: 493277
Ion Ratio Lower Upper
228 100
229 28.5 15.6 23.4#
226 30.1 21.2 31.8

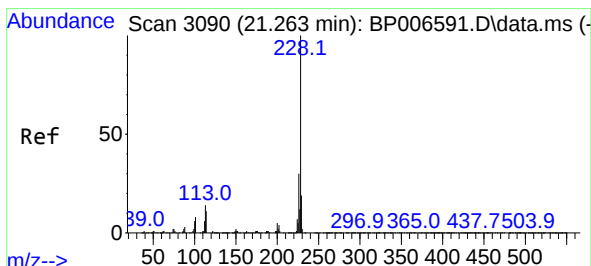
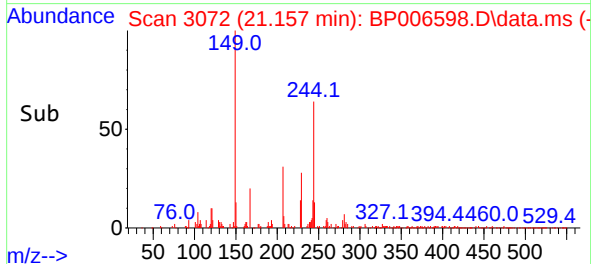
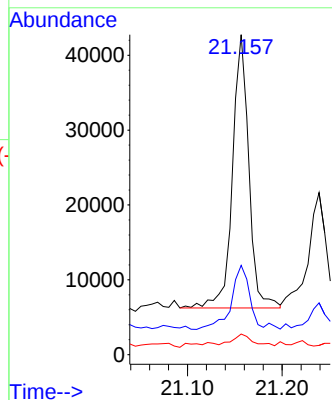
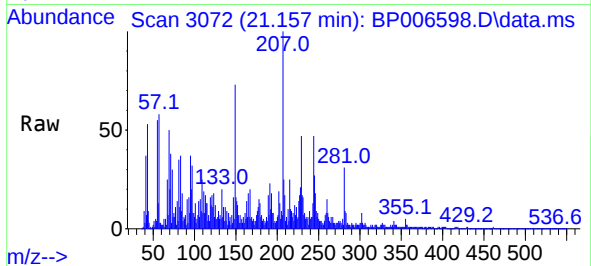




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.090 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

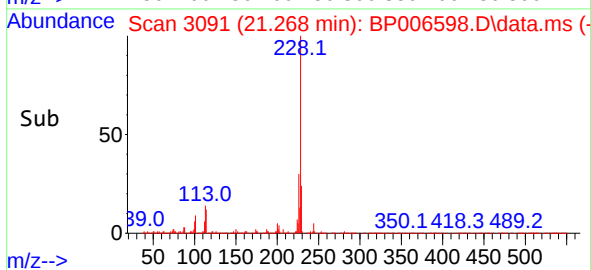
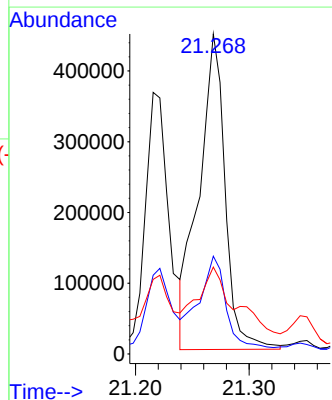
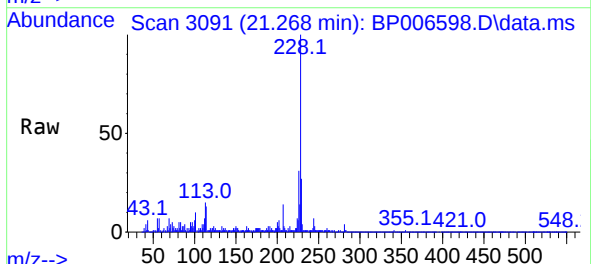
Instrument :
BNA_P
ClientSampleId :
C00A7

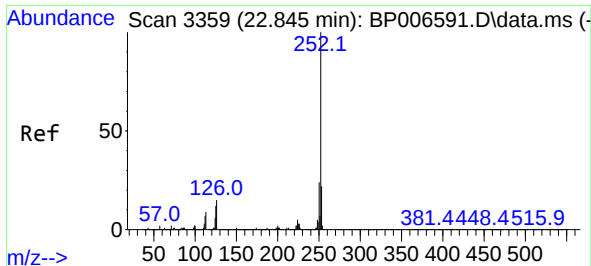
Tgt Ion:149 Resp: 43660
Ion Ratio Lower Upper
149 100
167 27.9 19.6 29.4
279 6.4 3.0 4.4#



#87
Chrysene
Concen: 12.773 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:228 Resp: 719102
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 27.2 15.5 23.3#

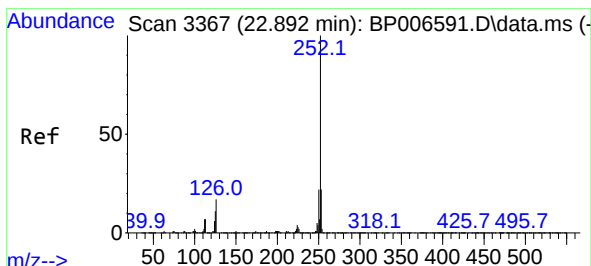
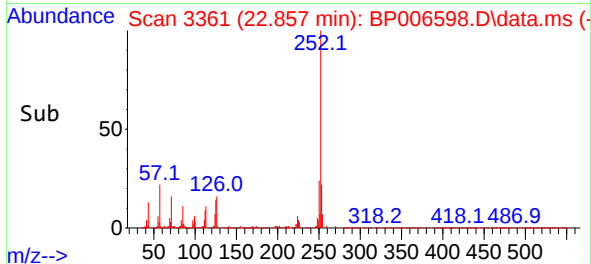
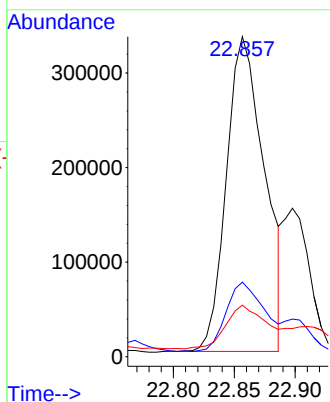
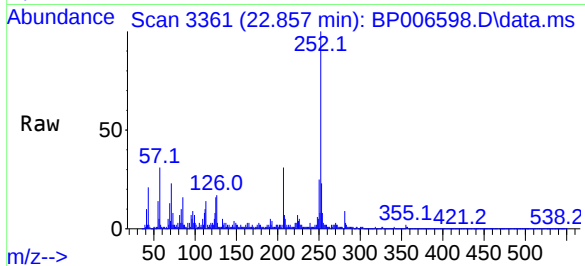




#90
Benzo(b)fluoranthene
Concen: 11.253 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

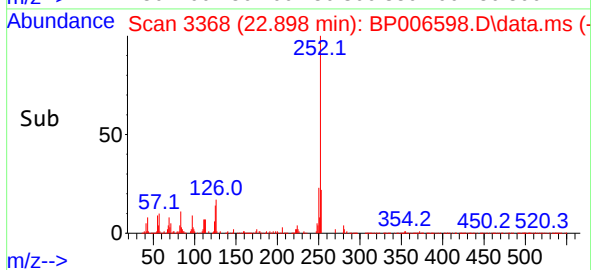
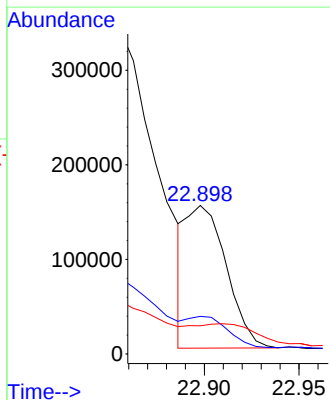
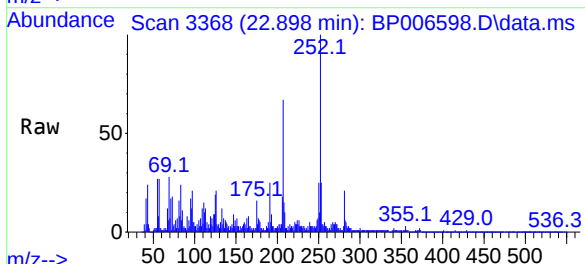
Instrument :
BNA_P
ClientSampled :
C00A7

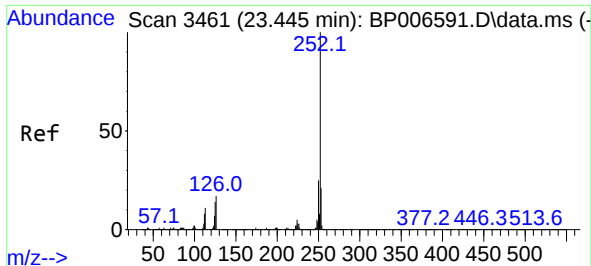
Tgt Ion:252 Resp: 724921
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 16.1 10.6 15.8#



#91
Benzo(k)fluoranthene
Concen: 3.617 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:252 Resp: 221149
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 19.0 9.6 14.4#

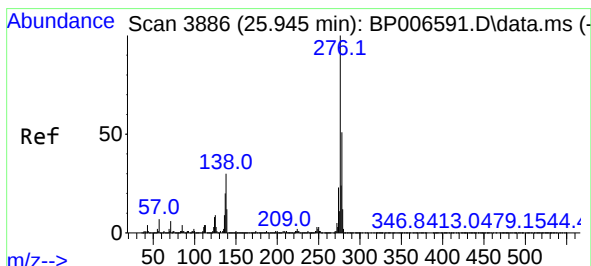
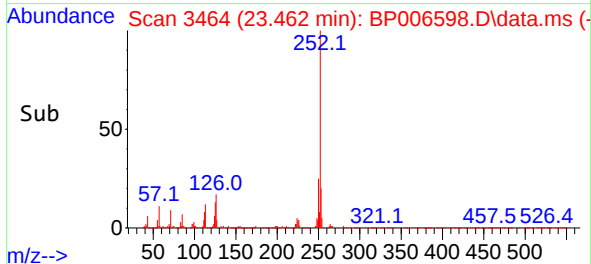
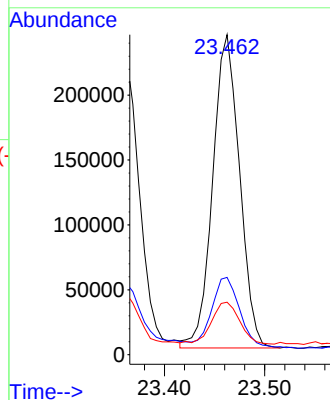
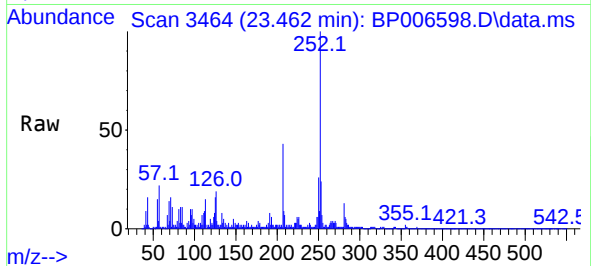




#93
Benzo(a)pyrene
Concen: 7.981 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

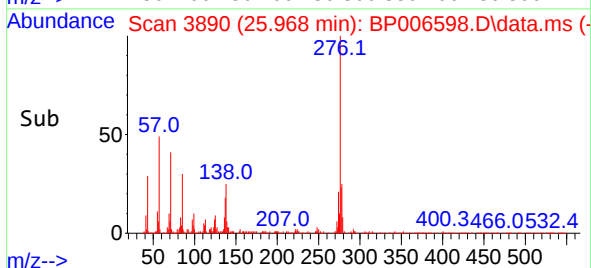
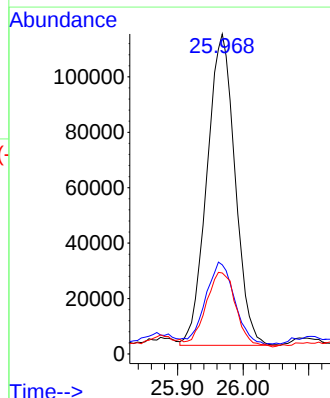
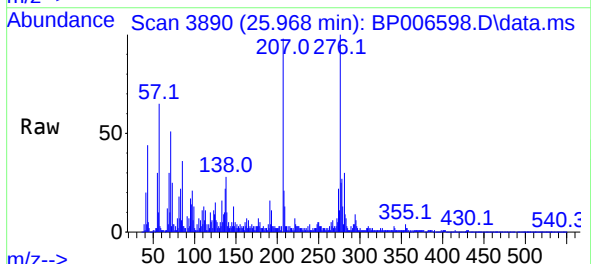
Instrument :
BNA_P
ClientSampled :
C00A7

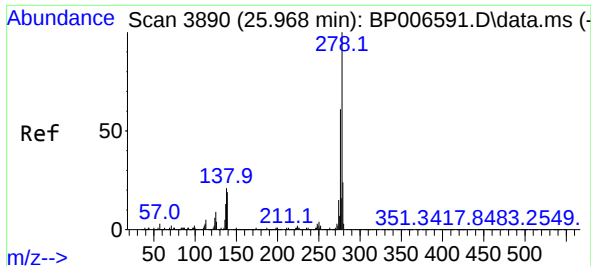
Tgt Ion:252 Resp: 449393
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 16.4 11.6 17.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.632 ng/ul
RT: 25.968 min Scan# 3890
Delta R.T. 0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:276 Resp: 333866
Ion Ratio Lower Upper
276 100
138 27.9 22.9 34.3
277 25.3 20.0 30.0

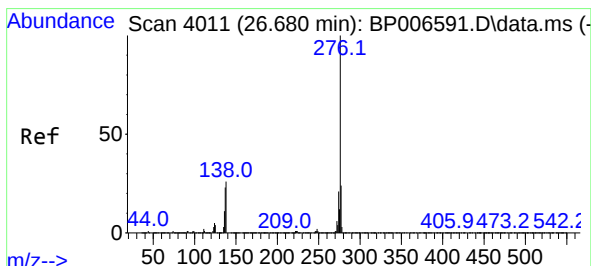
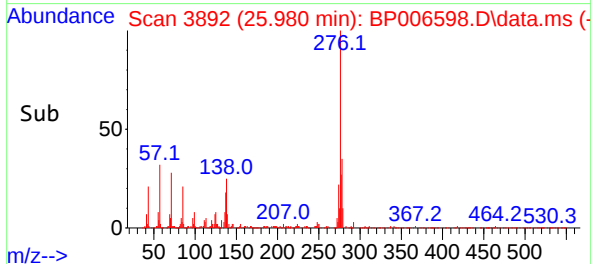
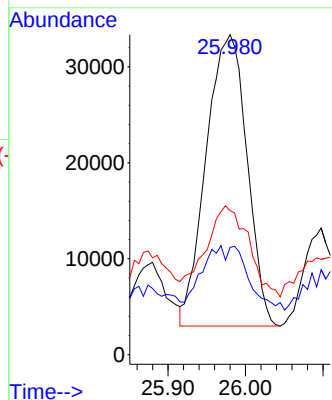
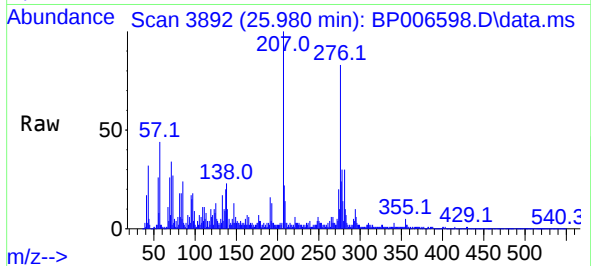




#95
Dibenzo(a,h)anthracene
Concen: 1.822 ng/ul
RT: 25.980 min Scan# 3892
Delta R.T. -0.006 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Instrument :
BNA_P
ClientSampled :
C00A7

Tgt Ion:278 Resp: 111224
Ion Ratio Lower Upper
278 100
139 33.5 15.1 22.7#
279 45.0 19.0 28.6#



#96
Benzo(g,h,i)perylene
Concen: 5.202 ng/ul
RT: 26.703 min Scan# 4015
Delta R.T. -0.000 min
Lab File: BP006598.D
Acq: 08 Aug 2021 09:42

Tgt Ion:276 Resp: 309768
Ion Ratio Lower Upper
276 100
138 29.7 20.4 30.6
277 25.5 18.6 27.8

