

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
 Data File : BP011854.D
 Acq On : 01 Oct 2022 10:44
 Operator : CG/JU
 Sample : N4745-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9

Quant Time: Oct 03 00:58:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

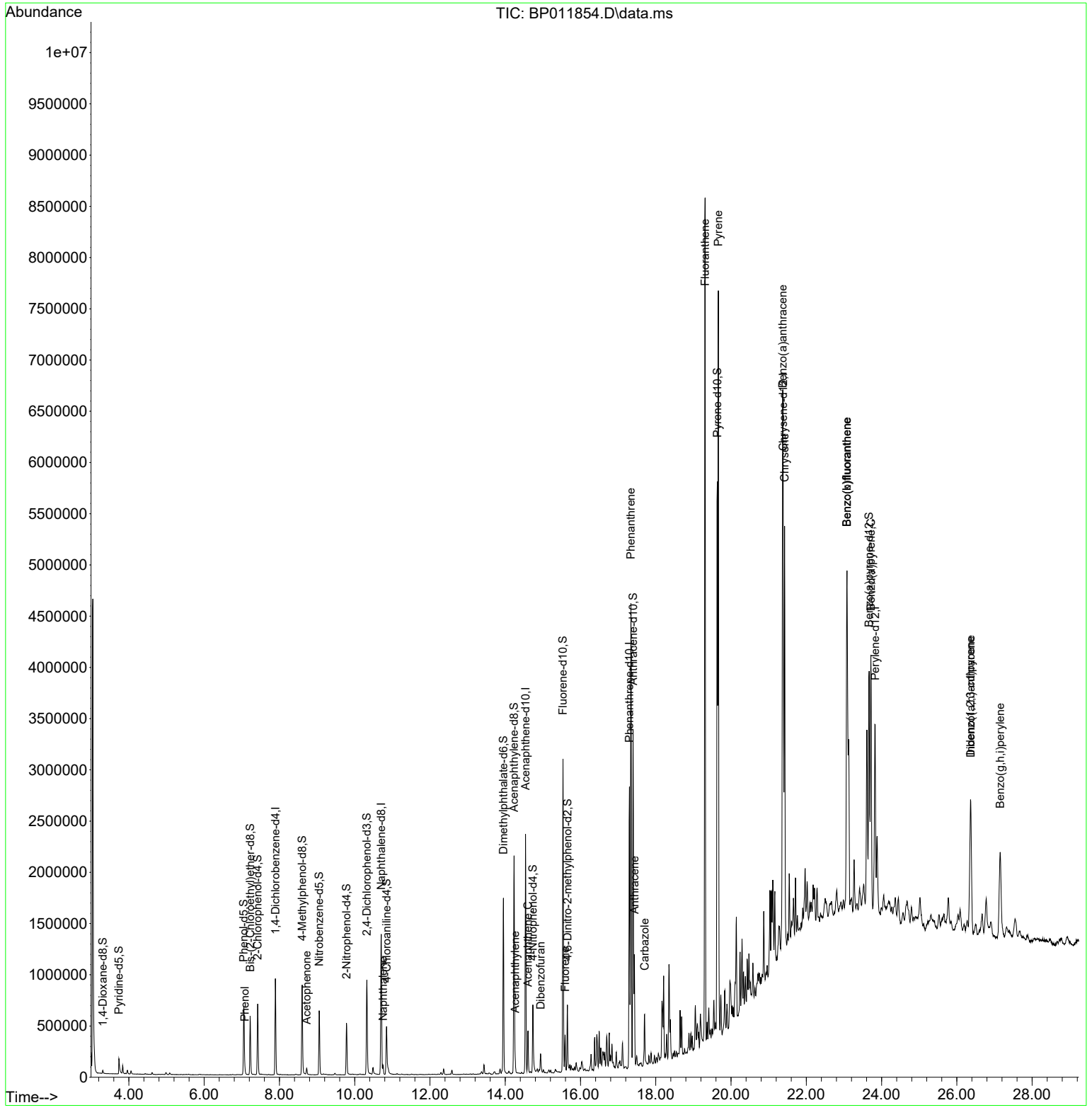
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	278019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.705	136	1251210	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	799494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1723770	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1649713	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	1439181	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	20105	3.189	ng/uL	0.00
4) Pyridine-d5	3.734	84	100634	5.450	ng/ul	0.00
7) Phenol-d5	7.052	99	467504	19.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	252485	18.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	372199	19.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	381499	19.228	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	183484	19.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	194724	19.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	400962	21.260	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	341852	11.890	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1245171	21.779	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1444475	22.163	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	211646	17.877	ng/ul	0.00
60) Fluorene-d10	15.534	176	1164988	23.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	148291	14.213	ng/ul	0.00
73) Anthracene-d10	17.398	188	1888823	24.055	ng/ul	0.00
81) Pyrene-d10	19.633	212	2270308	27.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	1787393	24.810	ng/ul	0.00
Target Compounds						
8) Phenol	7.081	94	26711	1.073	ng/ul	91
16) Acetophenone	8.722	105	38485	1.272	ng/ul	98
30) Naphthalene	10.752	128	73260	1.090	ng/ul	98
50) Acenaphthylene	14.263	152	79167	1.094	ng/ul	96
52) Acenaphthene	14.604	153	170833	3.345	ng/ul	99
56) Dibenzofuran	14.940	168	109160	1.561	ng/ul	98
61) Fluorene	15.592	166	157879	2.756	ng/ul	99
72) Phenanthrene	17.339	178	2817019	29.737	ng/ul	99
74) Anthracene	17.434	178	684995	7.187	ng/ul	99
77) Carbazole	17.704	167	311342	3.615	ng/ul	99
80) Fluoranthene	19.310	202	5045788	49.349	ng/ul	97
82) Pyrene	19.663	202	4354893	40.907	ng/ul	96
85) Benzo(a)anthracene	21.369	228	2404998	22.293	ng/ul	98
87) Chrysene	21.422	228	2350368	23.215	ng/ul	97
90) Benzo(b)fluoranthene	23.080	252	3060283	33.315	ng/ul	98
91) Benzo(k)fluoranthene	23.080	252	3060283	34.596	ng/ul	99
93) Benzo(a)pyrene	23.716	252	1826124	22.276	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.363	276	1355797	12.994	ng/ul	96
95) Dibenzo(a,h)anthracene	26.368	278	324589	3.502	ng/ul#	78
96) Benzo(g,h,i)perylene	27.151	276	1116089	12.065	ng/ul	99

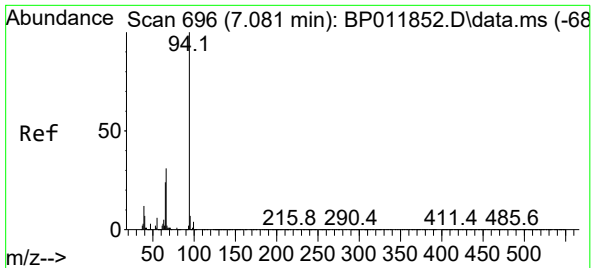
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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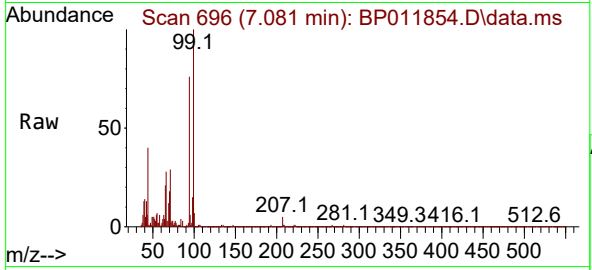
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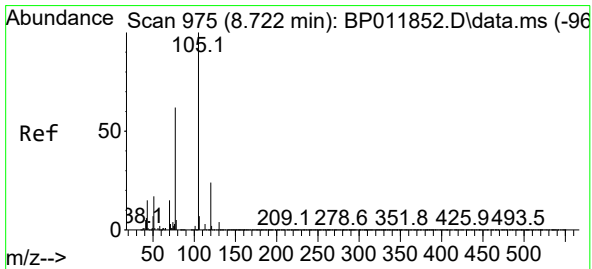
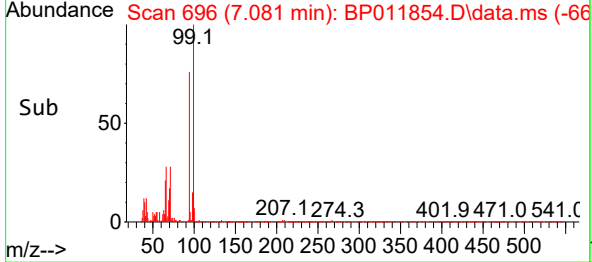
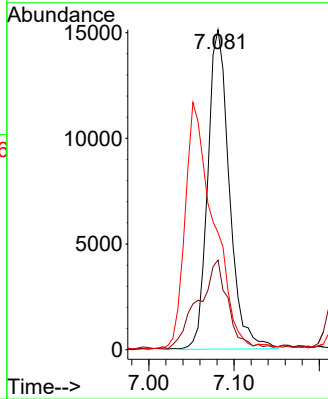
#8
 Phenol
 Concen: 1.073 ng/u1
 RT: 7.081 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9



Tgt Ion: 94 Resp: 26711

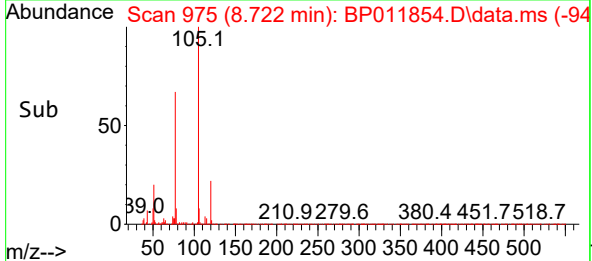
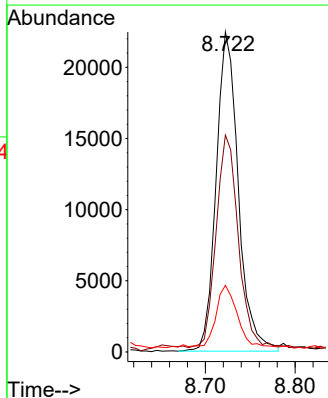
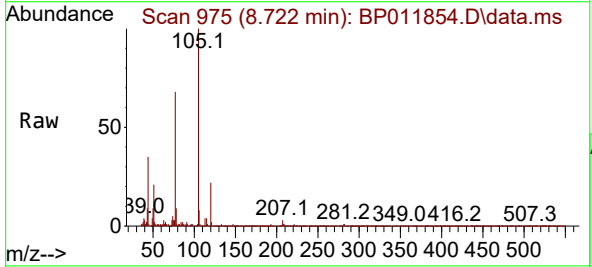
Ion	Ratio	Lower	Upper
94	100		
65	28.1	19.5	29.3
66	36.5	25.0	37.4

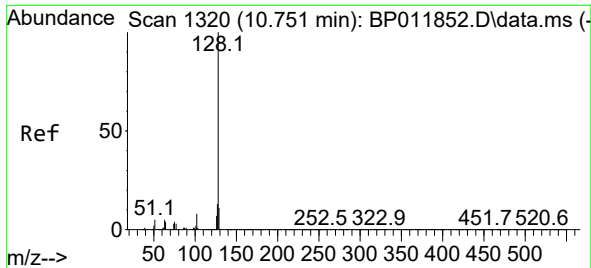


#16
 Acetophenone
 Concen: 1.272 ng/u1
 RT: 8.722 min Scan# 975
 Delta R.T. -0.006 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion: 105 Resp: 38485

Ion	Ratio	Lower	Upper
105	100		
77	67.8	55.4	83.0
51	20.8	15.2	22.8



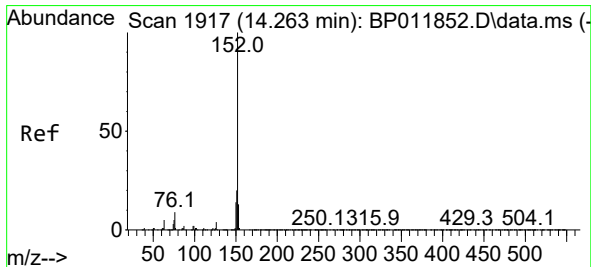
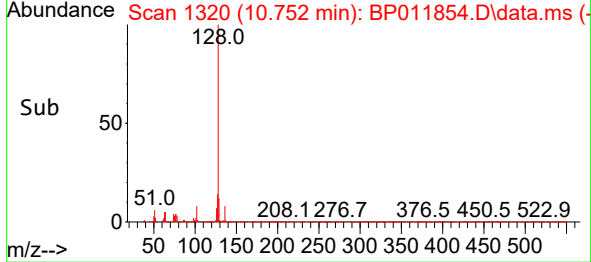
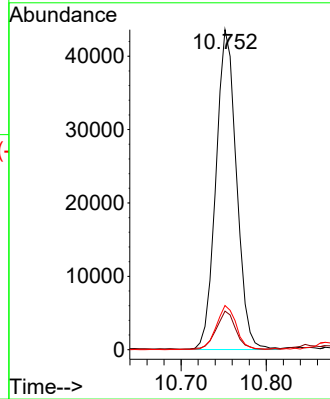
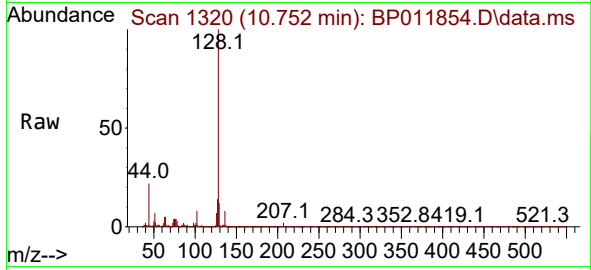


#30
 Naphthalene
 Concen: 1.090 ng/u1
 RT: 10.752 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9

Tgt Ion:128 Resp: 73260

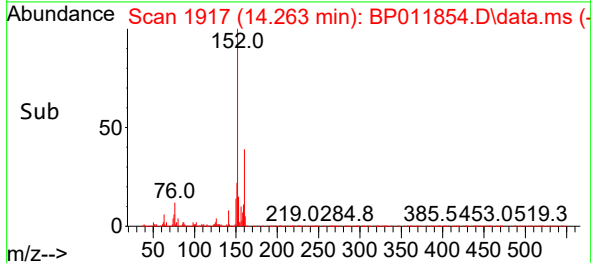
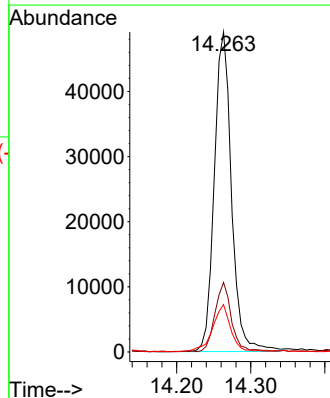
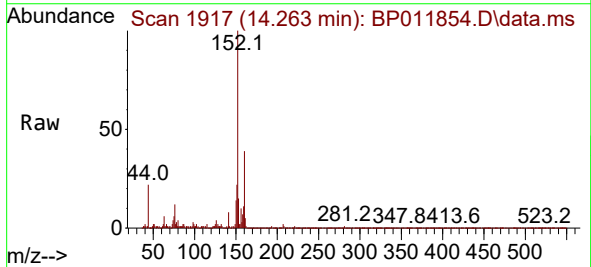
Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.9	13.3
127	13.8	10.5	15.7

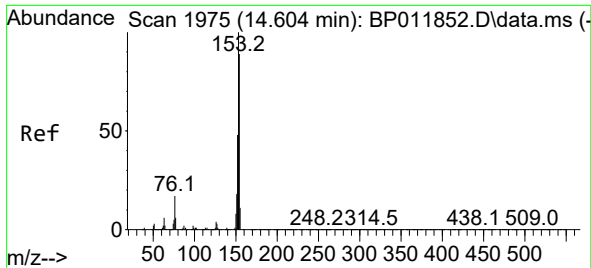


#50
 Acenaphthylene
 Concen: 1.094 ng/u1
 RT: 14.263 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:152 Resp: 79167

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.0	24.0
153	14.8	10.8	16.2



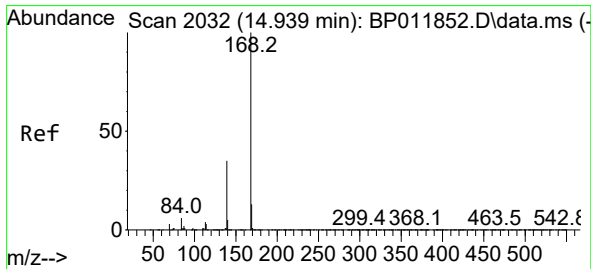
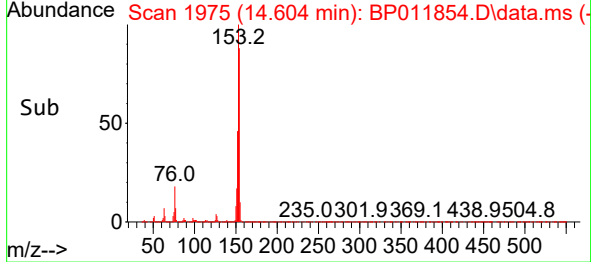
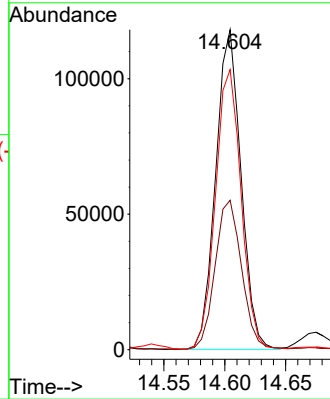
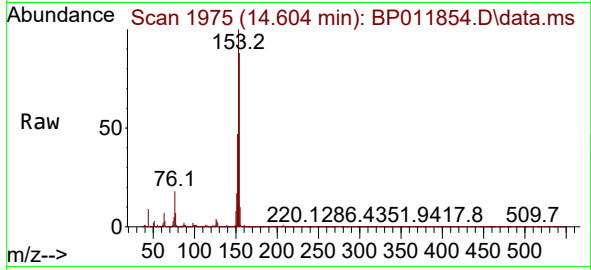


#52
 Acenaphthene
 Concen: 3.345 ng/u1
 RT: 14.604 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9

Tgt Ion:153 Resp: 170833

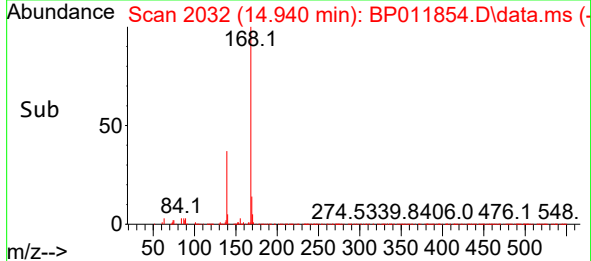
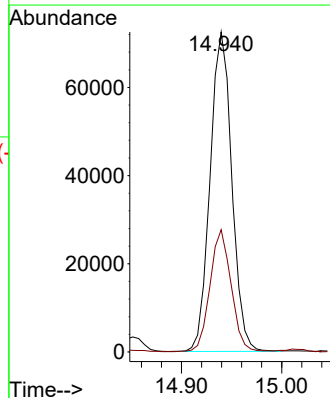
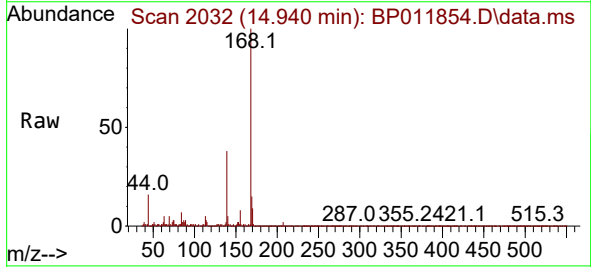
Ion	Ratio	Lower	Upper
153	100		
152	46.7	38.4	57.6
154	87.6	70.6	105.8

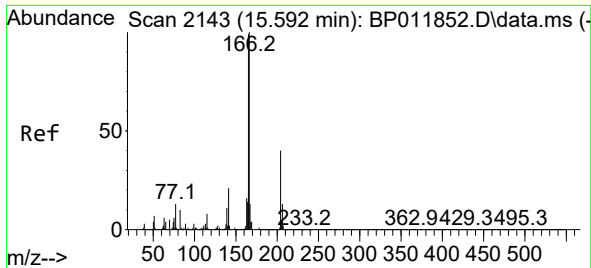


#56
 Dibenzofuran
 Concen: 1.561 ng/u1
 RT: 14.940 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:168 Resp: 109160

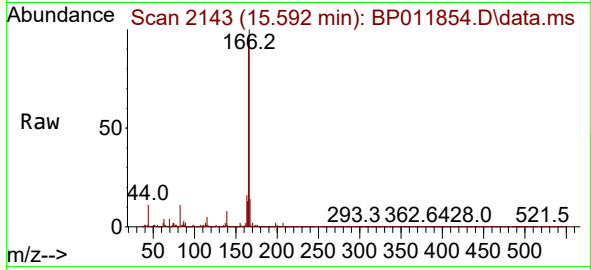
Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.4	44.2



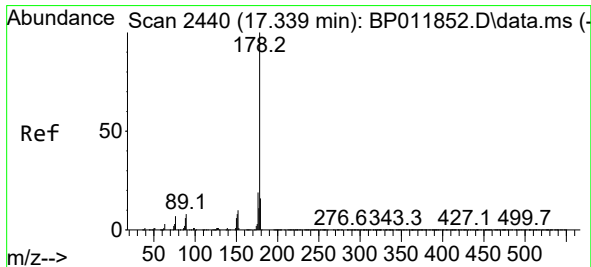
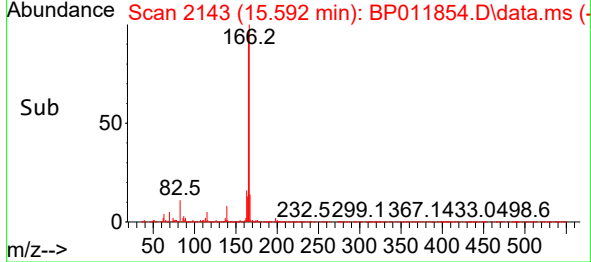
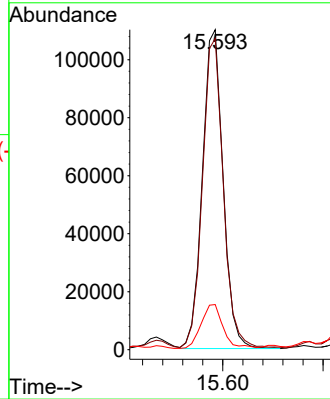


#61
 Fluorene
 Concen: 2.756 ng/u1
 RT: 15.592 min Scan# 2143
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 Client Sample Id :
 CB8F9

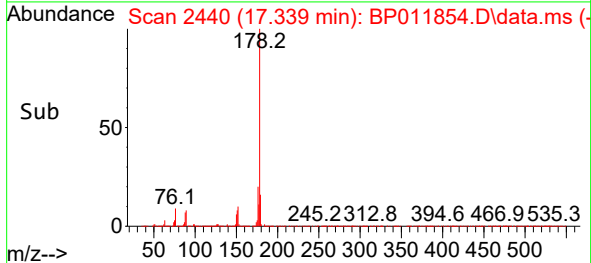
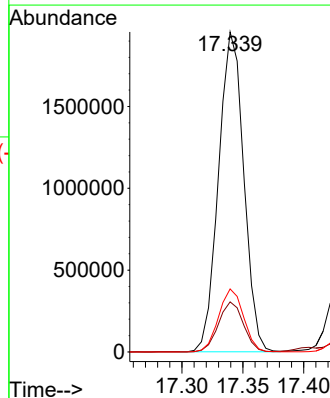
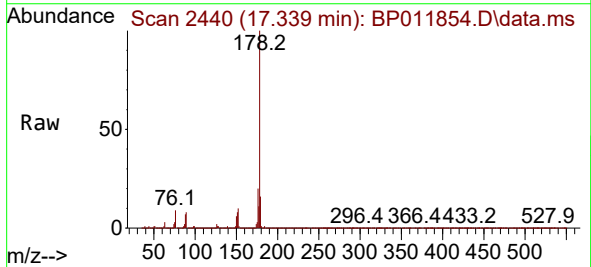


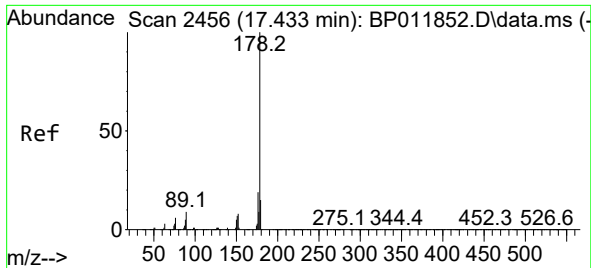
Tgt Ion:166 Resp: 157879
 Ion Ratio Lower Upper
 166 100
 165 97.2 77.2 115.8
 167 14.1 10.7 16.1



#72
 Phenanthrene
 Concen: 29.737 ng/u1
 RT: 17.339 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:178 Resp: 2817019
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.5 18.7
 176 19.7 15.4 23.2



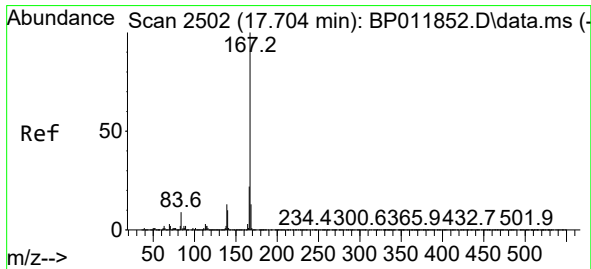
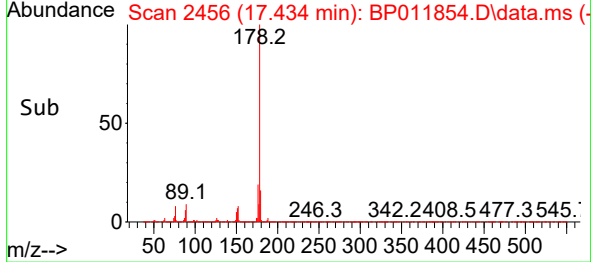
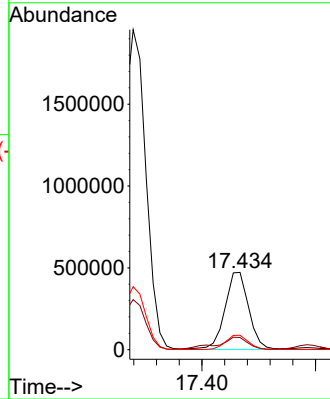
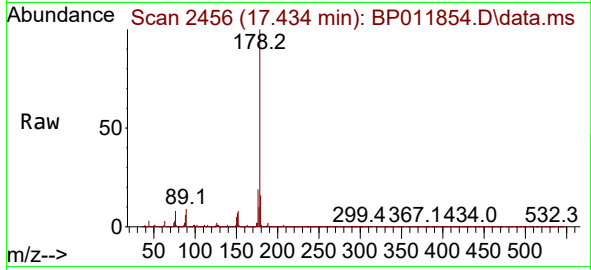


#74
 Anthracene
 Concen: 7.187 ng/uI
 RT: 17.434 min Scan# 2456
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
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 ClientSampleId :
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Tgt Ion:178 Resp: 684995

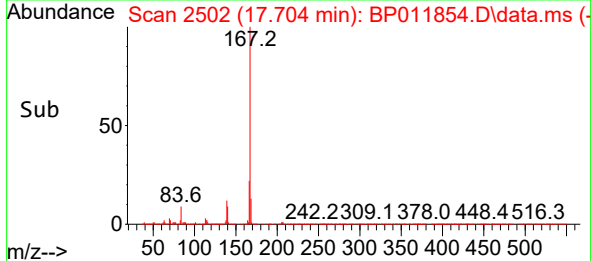
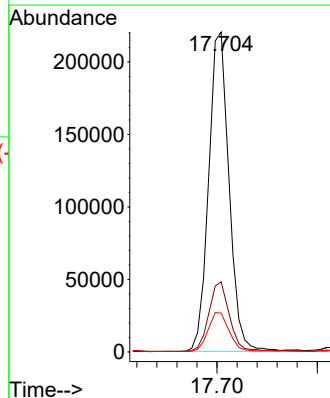
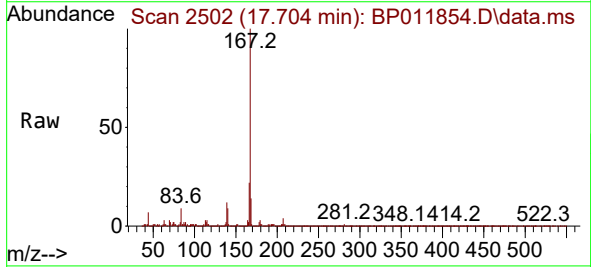
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	15.4	23.2

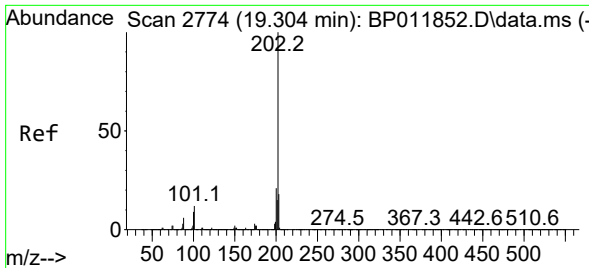


#77
 Carbazole
 Concen: 3.615 ng/uI
 RT: 17.704 min Scan# 2502
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:167 Resp: 311342

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.1	10.1	15.1



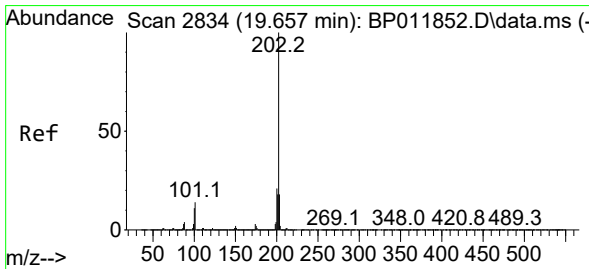
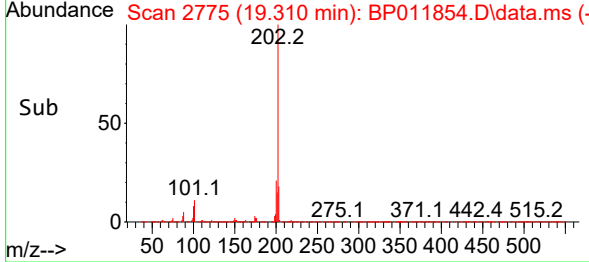
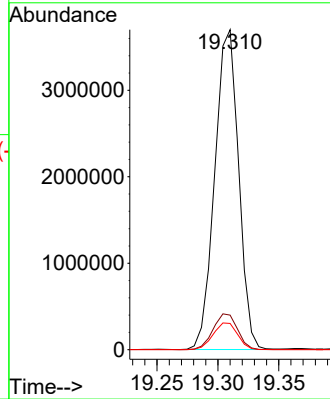
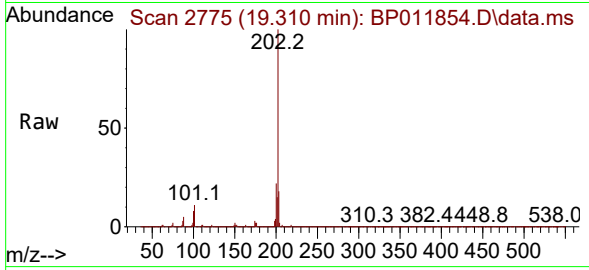


#80
 Fluoranthene
 Concen: 49.349 ng/uI
 RT: 19.310 min Scan# 2775
 Delta R.T. 0.006 min
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 Acq: 01 Oct 2022 10:44

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Tgt Ion:202 Resp: 5045788

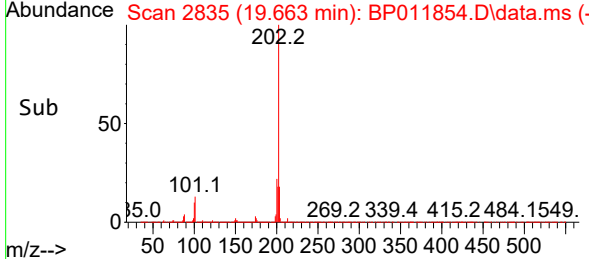
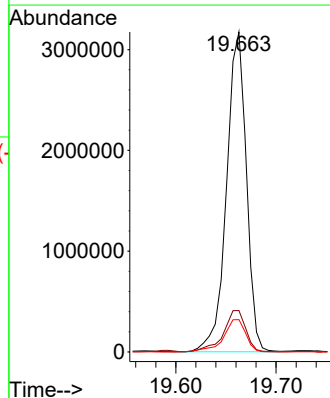
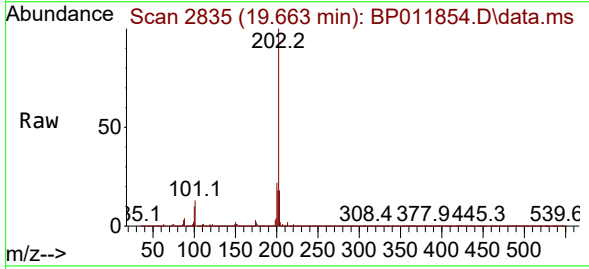
Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.6
100	8.2	7.4	11.0

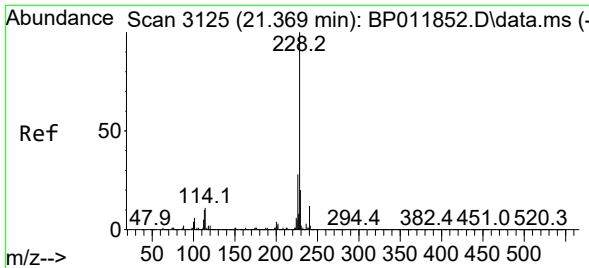


#82
 Pyrene
 Concen: 40.907 ng/uI
 RT: 19.663 min Scan# 2835
 Delta R.T. 0.006 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:202 Resp: 4354893

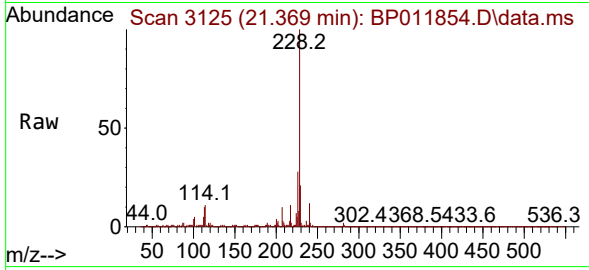
Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.6	17.4
100	10.1	9.4	14.0



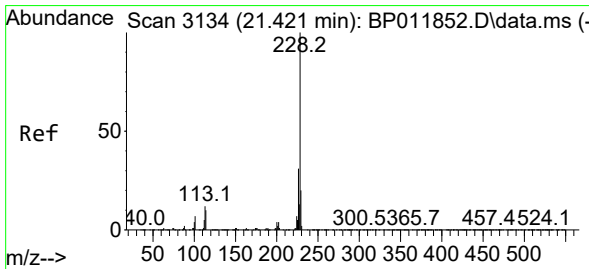
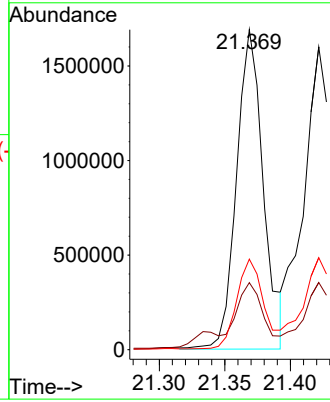
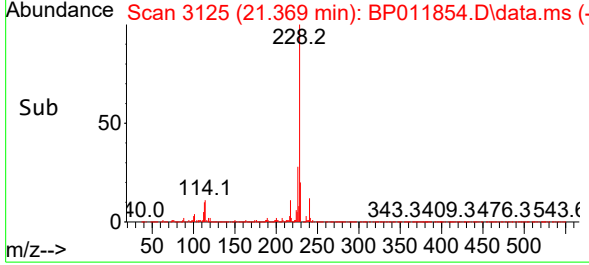


#85
 Benzo(a)anthracene
 Concen: 22.293 ng/u1
 RT: 21.369 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

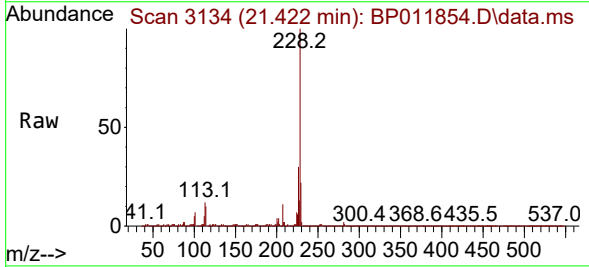
Instrument :
 BNA_P
 ClientSampleId :
 CB8F9



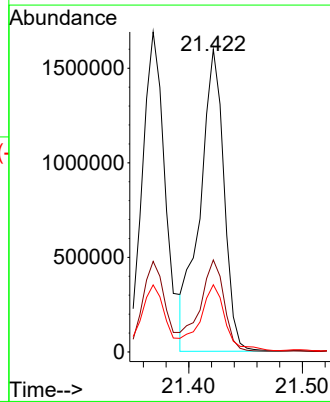
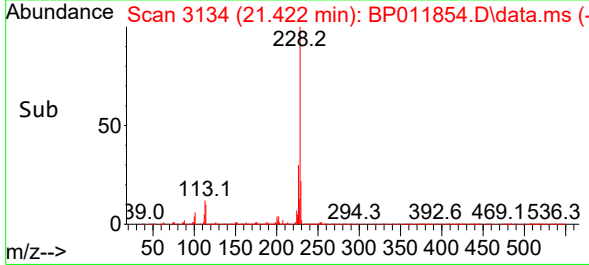
Tgt Ion:228 Resp: 2404998
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.8 23.6
 226 28.3 22.0 33.0

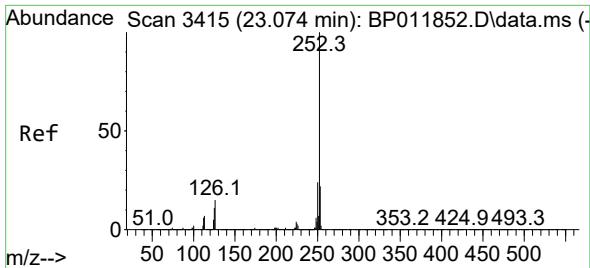


#87
 Chrysene
 Concen: 23.215 ng/u1
 RT: 21.422 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44



Tgt Ion:228 Resp: 2350368
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 22.2 16.2 24.2



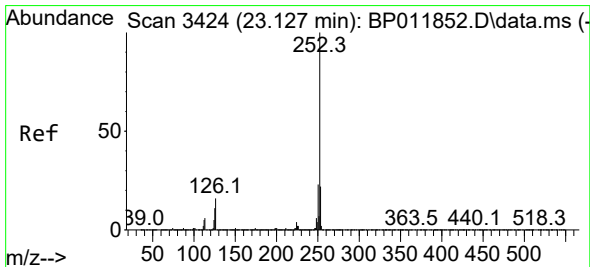
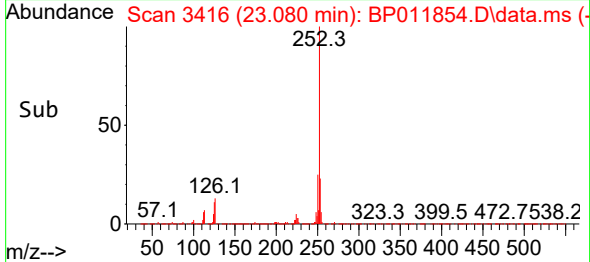
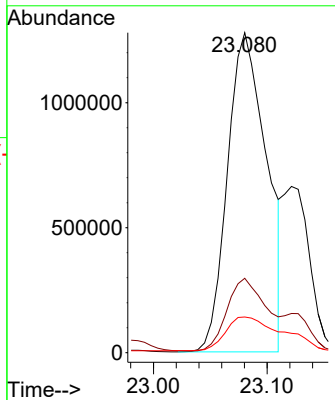
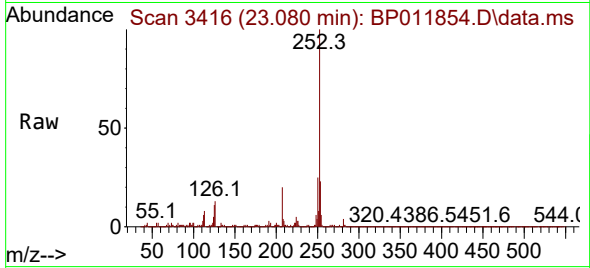


#90
 Benzo(b)fluoranthene
 Concen: 33.315 ng/ul
 RT: 23.080 min Scan# 3416
 Delta R.T. 0.006 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9

Tgt Ion:252 Resp: 3060283

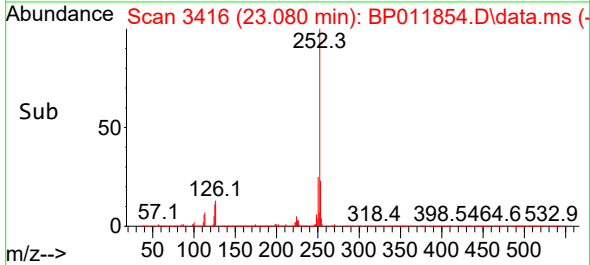
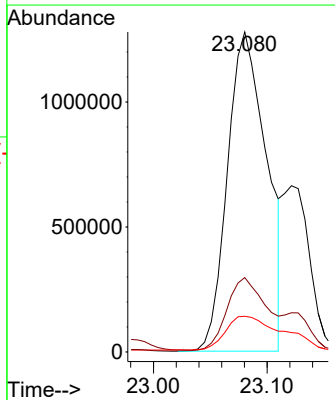
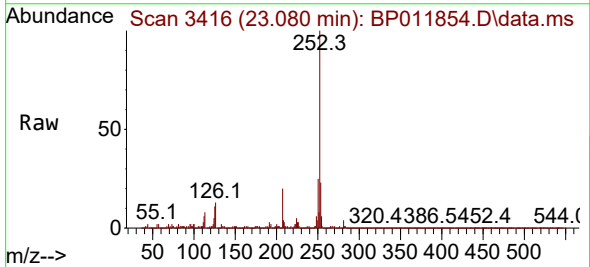
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.2	9.2	13.8

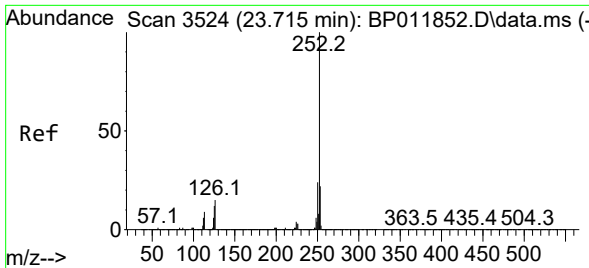


#91
 Benzo(k)fluoranthene
 Concen: 34.596 ng/ul
 RT: 23.080 min Scan# 3416
 Delta R.T. -0.041 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:252 Resp: 3060283

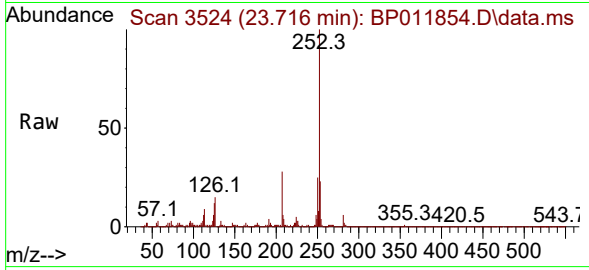
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.2	9.2	13.8



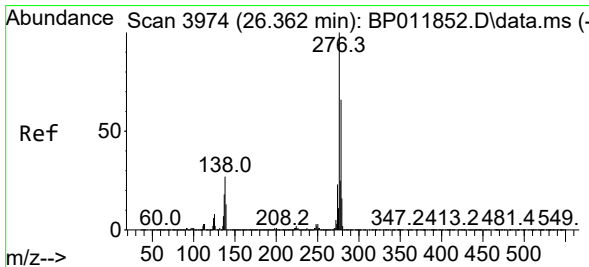
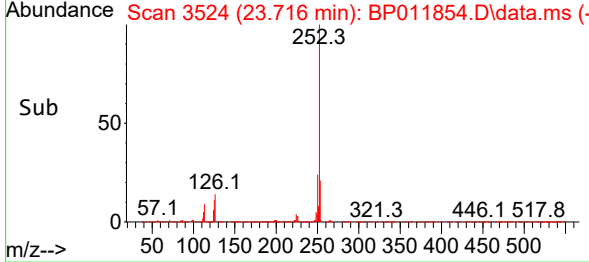
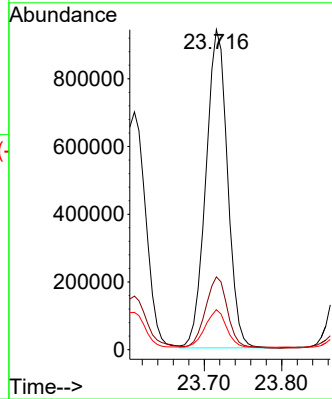


#93
 Benzo(a)pyrene
 Concen: 22.276 ng/u1
 RT: 23.716 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

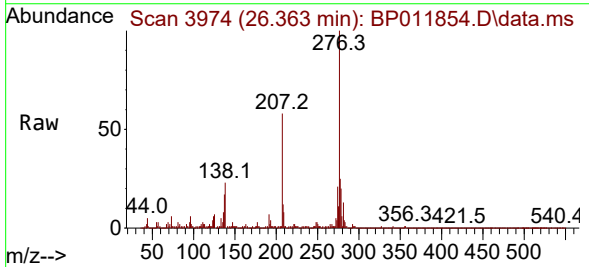
Instrument :
 BNA_P
 ClientSampleId :
 CB8F9



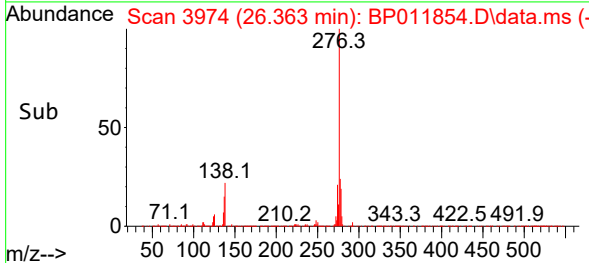
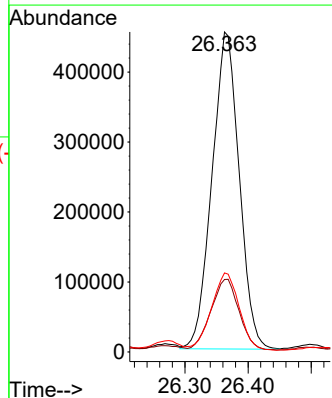
Tgt Ion:252 Resp: 1826124
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 12.5 9.8 14.8

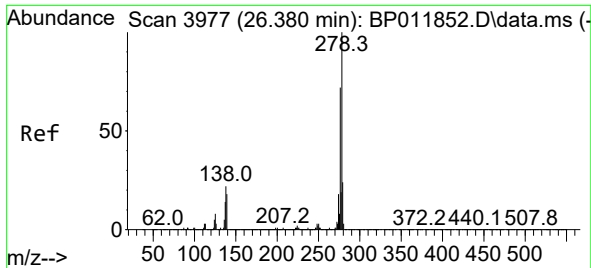


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 12.994 ng/u1
 RT: 26.363 min Scan# 3974
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44



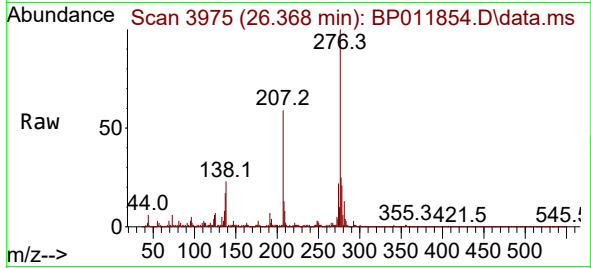
Tgt Ion:276 Resp: 1355797
 Ion Ratio Lower Upper
 276 100
 138 22.7 21.4 32.0
 277 24.7 19.9 29.9



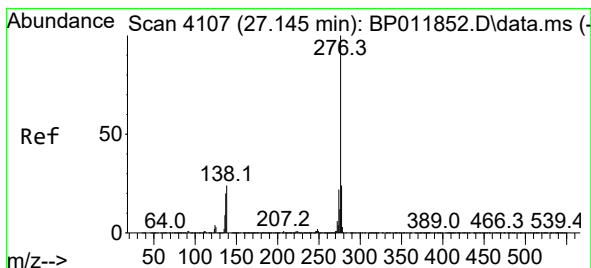
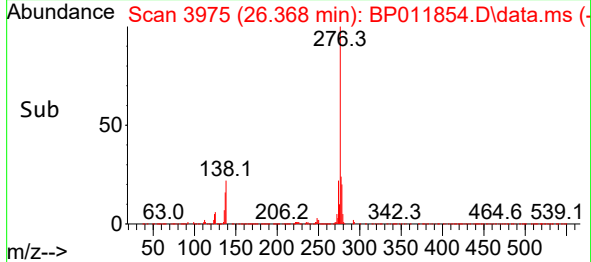
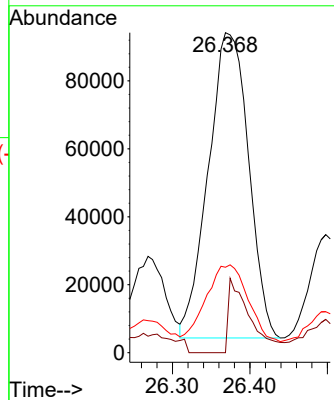


#95
 Dibenzo(a,h)anthracene
 Concen: 3.502 ng/ul
 RT: 26.368 min Scan# 3975
 Delta R.T. -0.012 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9



Tgt Ion:278 Resp: 324589
 Ion Ratio Lower Upper
 278 100
 139 0.0 15.0 22.6#
 279 26.7 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 12.065 ng/ul
 RT: 27.151 min Scan# 4108
 Delta R.T. 0.006 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

Tgt Ion:276 Resp: 1116089
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.8 29.6
 277 24.1 18.6 27.8

