

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102022\  
 Data File : BP012240.D  
 Acq On : 21 Oct 2022 12:05  
 Operator : CG/JU  
 Sample : N4755-10  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 21 22:30:43 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	450873	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1929232	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1200009	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2380372	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1609194	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1607454	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	36536	3.279	ng/uL	0.00
4) Pyridine-d5	3.687	84	181411	5.651	ng/ul	0.00
7) Phenol-d5	6.993	99	809014	20.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	457846	19.395	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	621500	20.976	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	505578	16.712	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	297553	20.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	332143	21.558	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	671763	23.244	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	515227	12.548	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	2078851	24.904	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2266642	23.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	297936	19.051	ng/ul	0.00
60) Fluorene-d10	15.469	176	1815647	25.283	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	229311	16.934	ng/ul	0.00
73) Anthracene-d10	17.333	188	2676212	25.649	ng/ul	0.00
81) Pyrene-d10	19.574	212	2628992	28.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	2009369	24.927	ng/ul	0.00
Target Compounds						
8) Phenol	7.022	94	57383	1.409	ng/ul#	92
16) Acetophenone	8.657	105	52911	1.132	ng/ul	100
30) Naphthalene	10.675	128	748739	7.257	ng/ul	99
36) 2-Methylnaphthalene	12.293	142	199164	2.837	ng/ul	98
37) 1-Methylnaphthalene	12.510	142	78760	1.124	ng/ul	100
50) Acenaphthylene	14.198	152	747717	7.043	ng/ul	100
52) Acenaphthene	14.539	153	225057	2.998	ng/ul	99
56) Dibenzofuran	14.875	168	499414	4.859	ng/ul	99
61) Fluorene	15.528	166	186330	2.288	ng/ul	99
71) Pentachlorophenol	16.886	266	110132	6.141	ng/ul	97
72) Phenanthrene	17.275	178	2122494	16.590	ng/ul	100
74) Anthracene	17.369	178	2399226	18.954	ng/ul	100
77) Carbazole	17.645	167	470128	4.208	ng/ul	99
80) Fluoranthene	19.251	202	4326225	38.213	ng/ul	97
82) Pyrene	19.604	202	3820396	32.983	ng/ul	96
85) Benzo(a)anthracene	21.316	228	1763611	16.816	ng/ul	96
87) Chrysene	21.369	228	1951142	19.936	ng/ul	98
90) Benzo(b)fluoranthene	23.010	252	5712301	53.323	ng/ul	98
91) Benzo(k)fluoranthene	23.010	252	5712301	54.096	ng/ul	98
93) Benzo(a)pyrene	23.633	252	2419558	26.412	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.239	276	3454600	32.576	ng/ul	95
95) Dibenzo(a,h)anthracene	26.245	278	798285	8.350	ng/ul#	83
96) Benzo(g,h,i)perylene	27.015	276	2870172	28.825	ng/ul	98

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 QLast Update : Thu Oct 20 00:51:41 2022  
 Response via : Initial Calibration

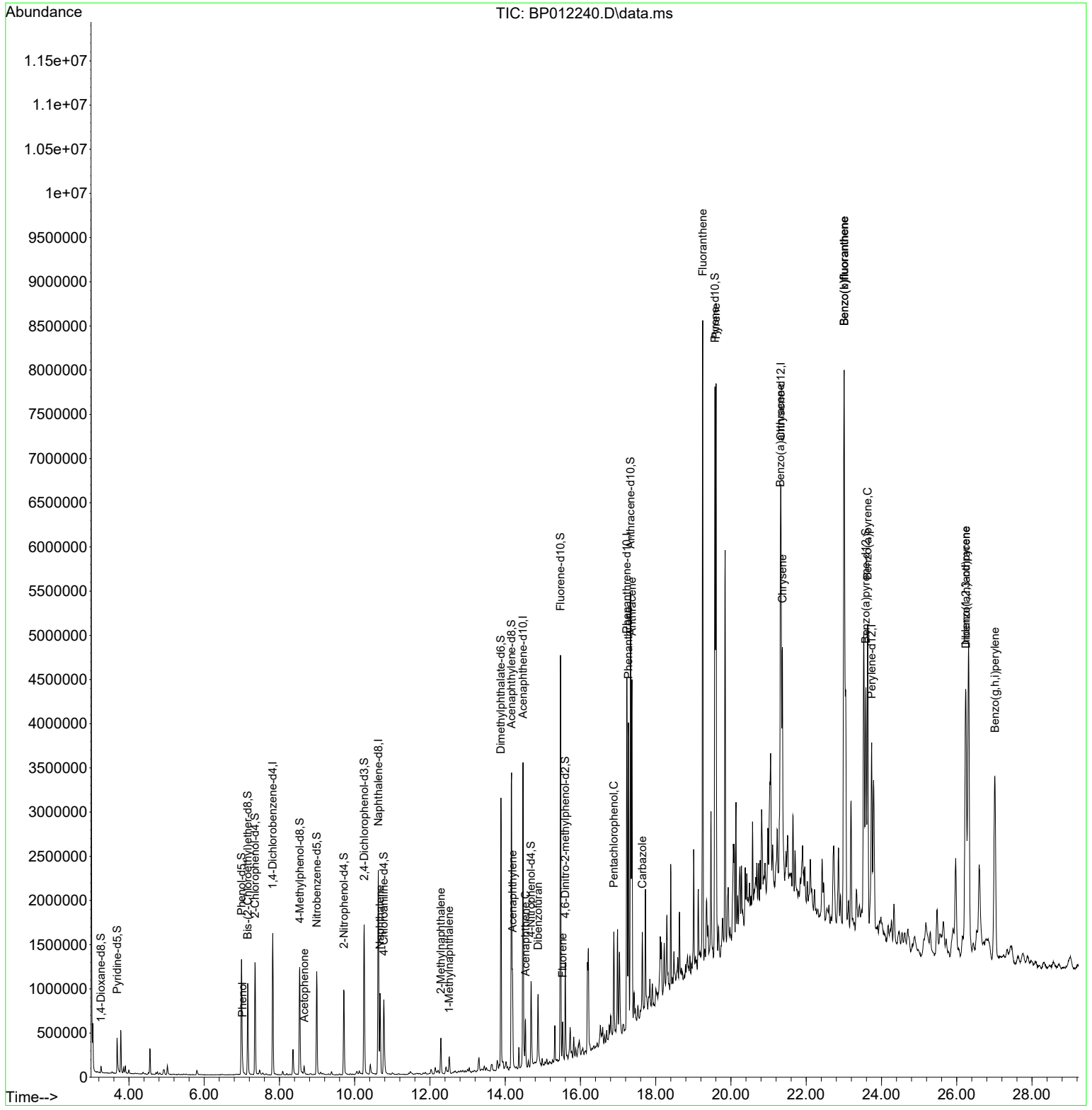
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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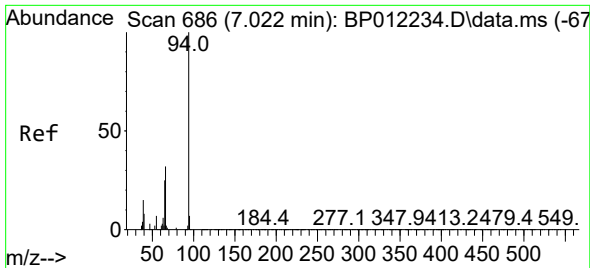
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Operator : CG/JU  
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Instrument :  
 BNA\_P  
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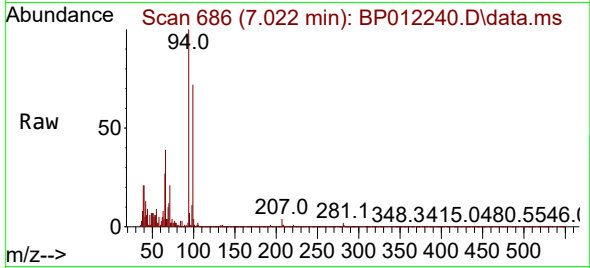
Quant Time: Oct 21 22:30:43 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101922.M  
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 QLast Update : Thu Oct 20 00:51:41 2022  
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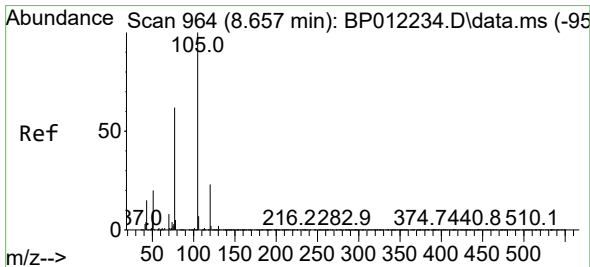
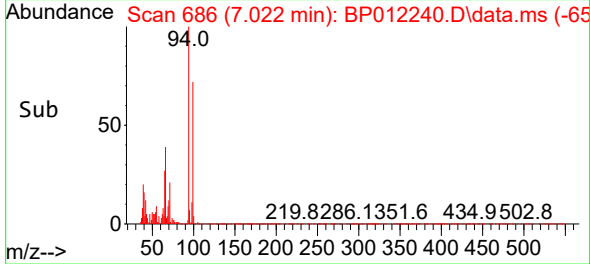
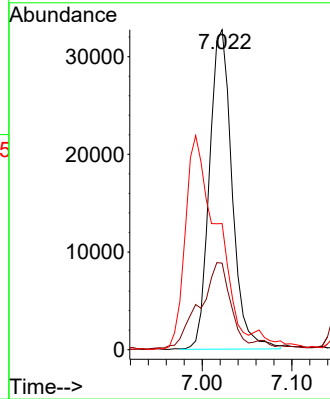


#8  
 Phenol  
 Concen: 1.409 ng/u1  
 RT: 7.022 min Scan# 686  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :

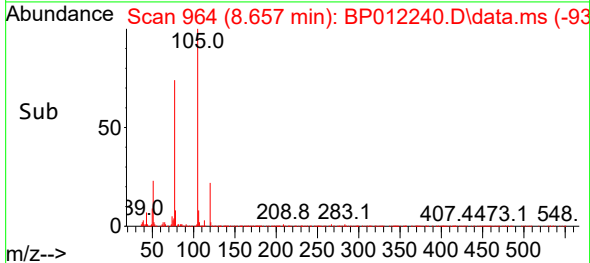
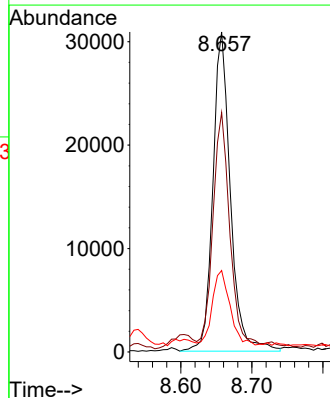
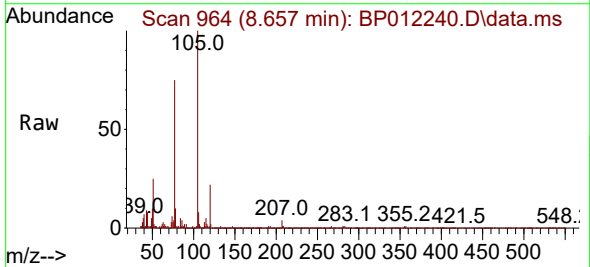


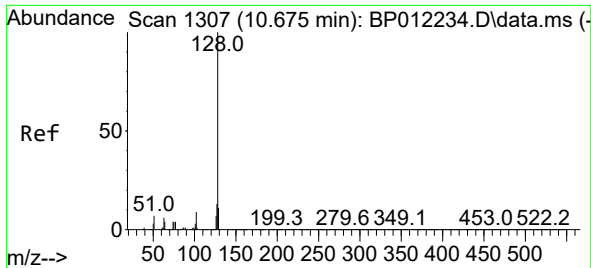
Tgt Ion: 94 Resp: 57383  
 Ion Ratio Lower Upper  
 94 100  
 65 27.1 20.6 31.0  
 66 39.4 26.2 39.4#



#16  
 Acetophenone  
 Concen: 1.132 ng/u1  
 RT: 8.657 min Scan# 964  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion: 105 Resp: 52911  
 Ion Ratio Lower Upper  
 105 100  
 77 74.8 60.0 90.0  
 51 25.5 20.1 30.1

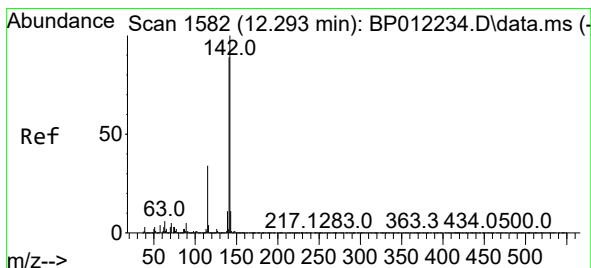
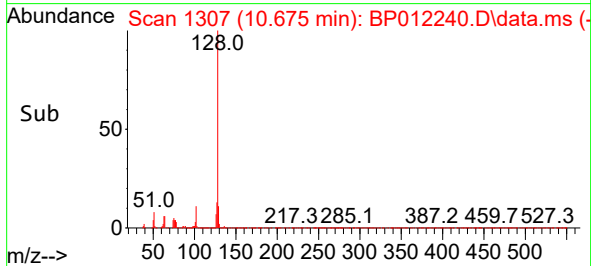
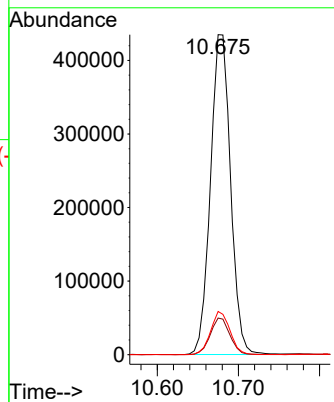
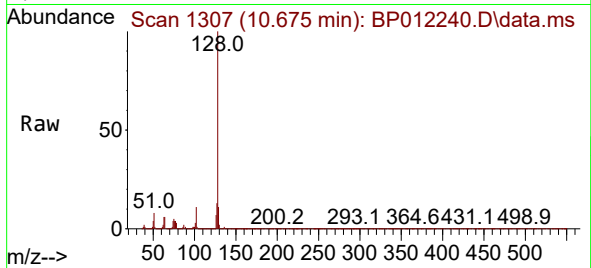




#30  
 Naphthalene  
 Concen: 7.257 ng/ul  
 RT: 10.675 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

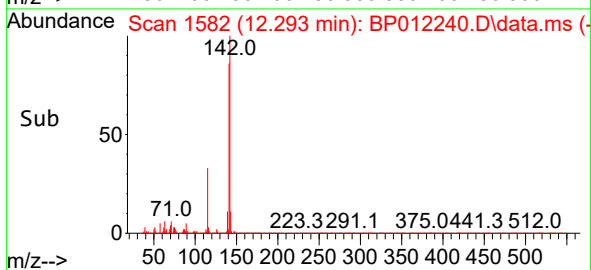
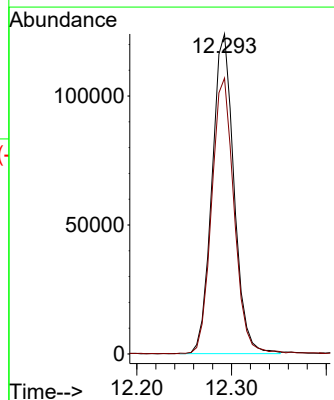
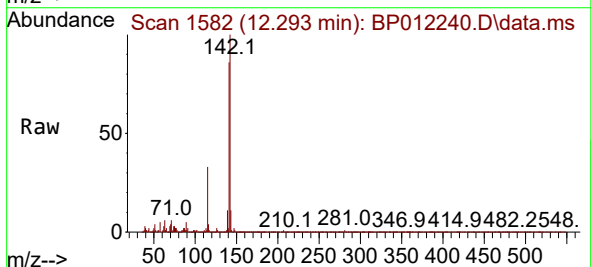
Instrument :  
 BNA\_P  
 ClientSampleId :

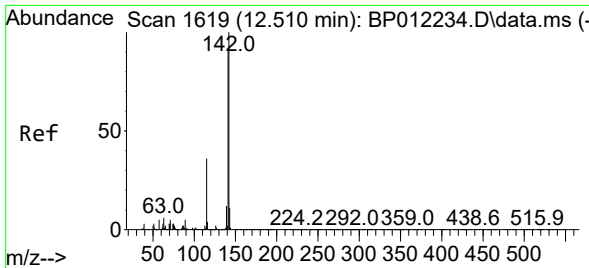
Tgt Ion	Resp	Lower	Upper
128	748739		
129	11.4	8.8	13.2
127	13.5	10.2	15.4



#36  
 2-Methylnaphthalene  
 Concen: 2.837 ng/ul  
 RT: 12.293 min Scan# 1582  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

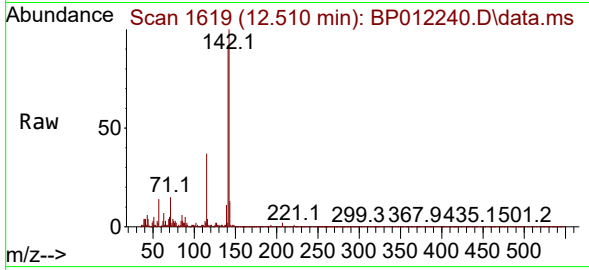
Tgt Ion	Resp	Lower	Upper
142	199164		
141	86.2	70.3	105.5





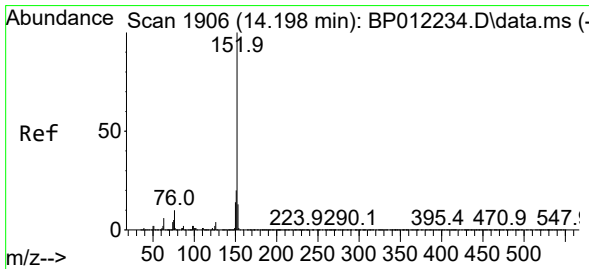
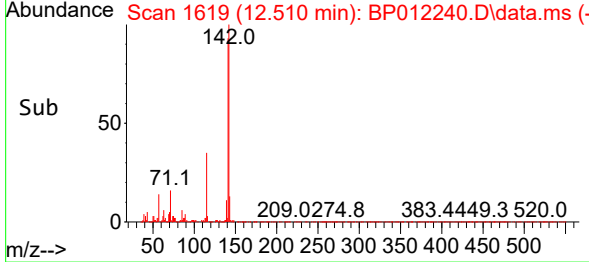
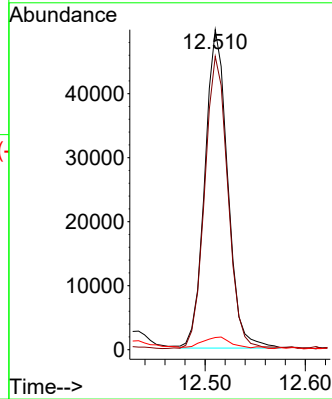
#37  
 1-Methylnaphthalene  
 Concen: 1.124 ng/ul  
 RT: 12.510 min Scan# 1619  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument : BNA\_P  
 ClientSampleId :

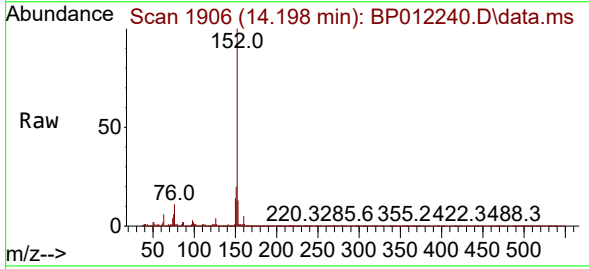


Tgt Ion:142 Resp: 78760

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.0
116	3.8	3.0	4.4

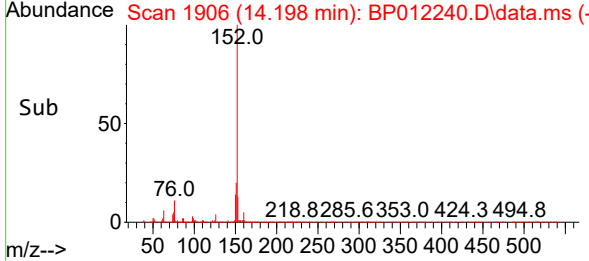
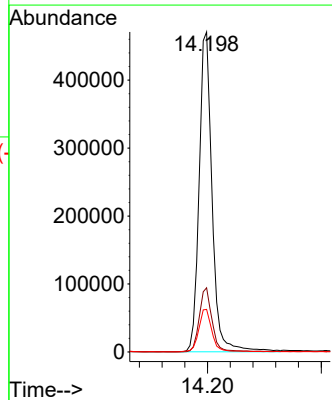


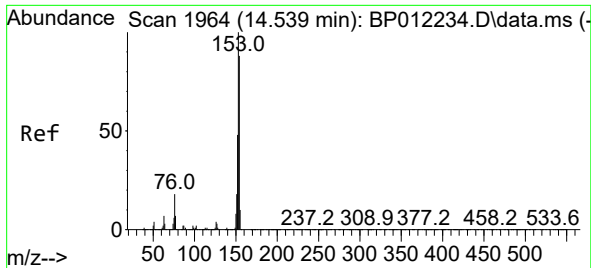
#50  
 Acenaphthylene  
 Concen: 7.043 ng/ul  
 RT: 14.198 min Scan# 1906  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05



Tgt Ion:152 Resp: 747717

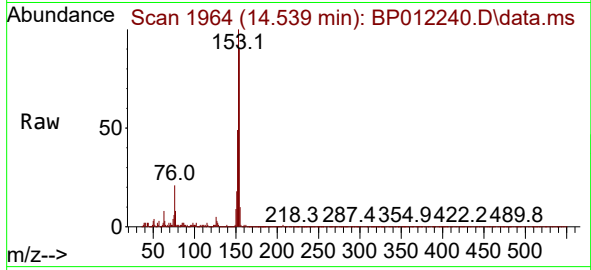
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.3	10.6	16.0



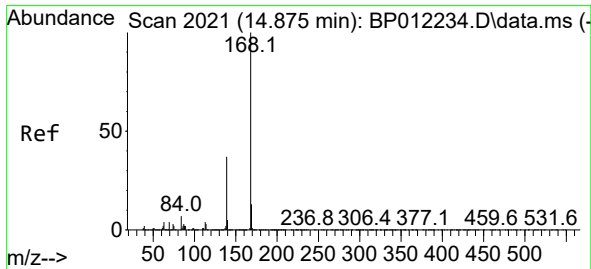
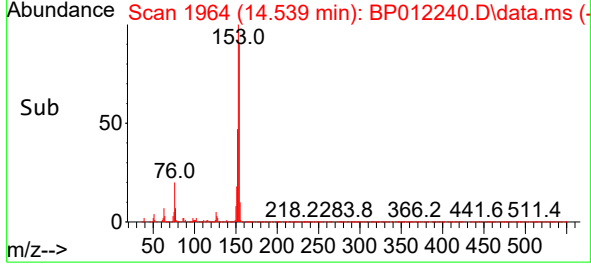
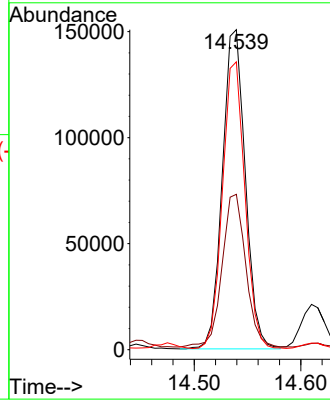


#52  
 Acenaphthene  
 Concen: 2.998 ng/ul  
 RT: 14.539 min Scan# 1964  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :

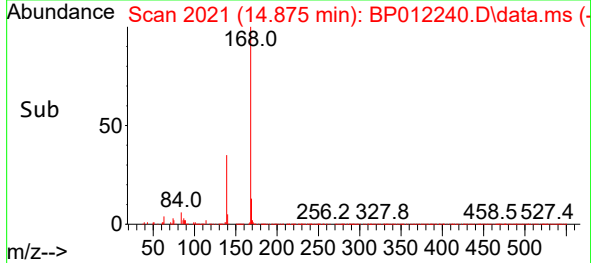
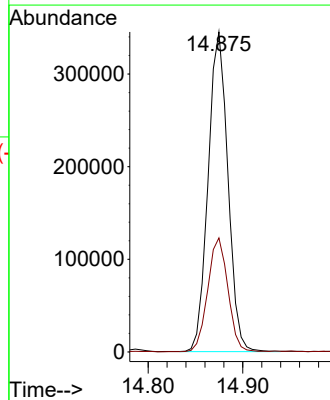
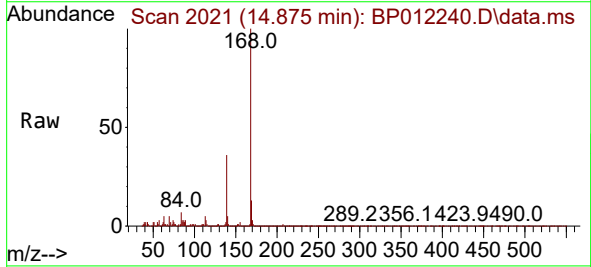


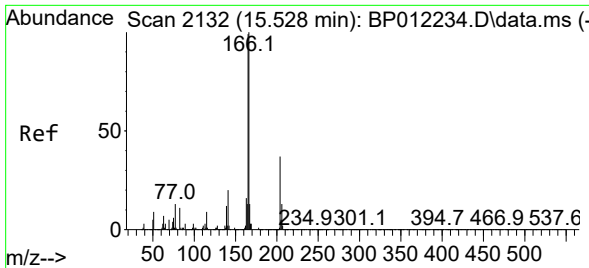
Tgt Ion:153 Resp: 225057  
 Ion Ratio Lower Upper  
 153 100  
 152 48.6 38.1 57.1  
 154 89.9 71.4 107.2



#56  
 Dibenzofuran  
 Concen: 4.859 ng/ul  
 RT: 14.875 min Scan# 2021  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

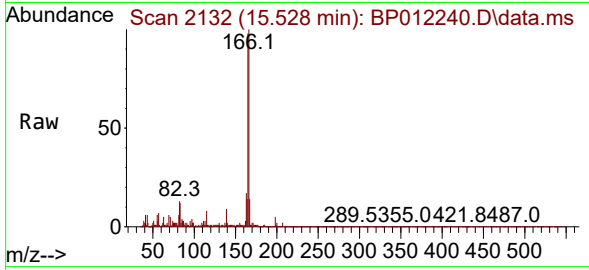
Tgt Ion:168 Resp: 499414  
 Ion Ratio Lower Upper  
 168 100  
 139 35.7 29.0 43.4



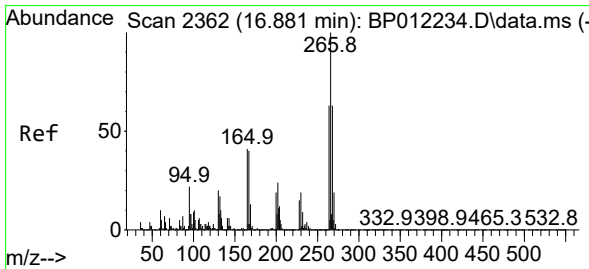
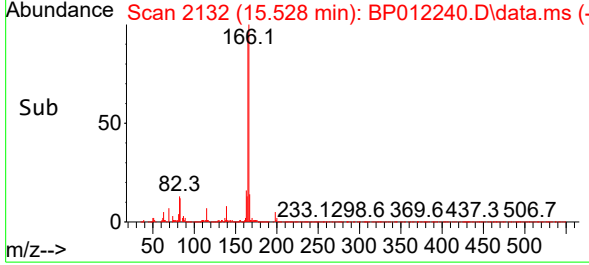
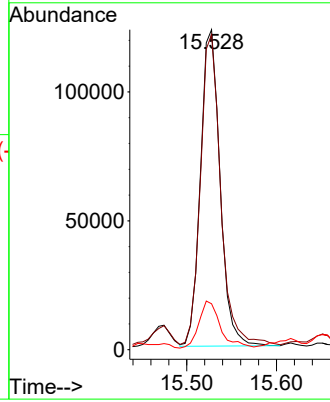


#61  
 Fluorene  
 Concen: 2.288 ng/ul  
 RT: 15.528 min Scan# 2132  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampled :

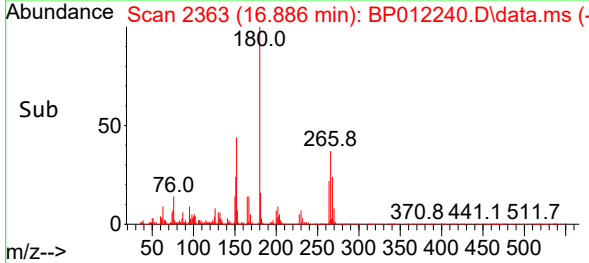
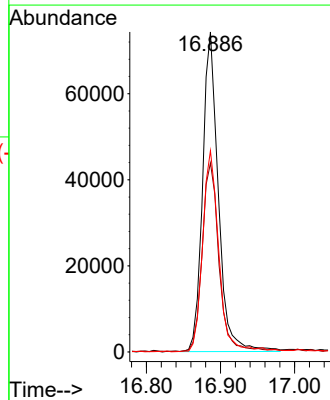
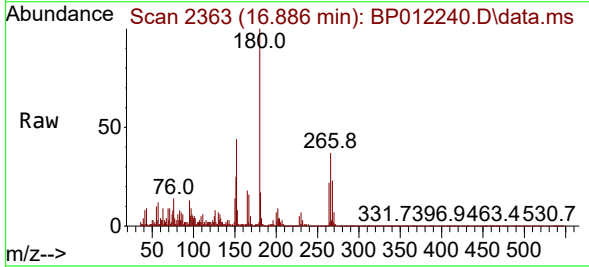


Tgt Ion:166 Resp: 186330  
 Ion Ratio Lower Upper  
 166 100  
 165 98.5 78.0 117.0  
 167 14.3 10.7 16.1

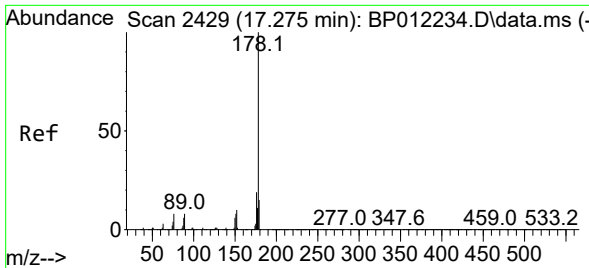


#71  
 Pentachlorophenol  
 Concen: 6.141 ng/ul  
 RT: 16.886 min Scan# 2363  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion:266 Resp: 110132  
 Ion Ratio Lower Upper  
 266 100  
 264 59.0 50.1 75.1  
 268 62.9 50.6 76.0

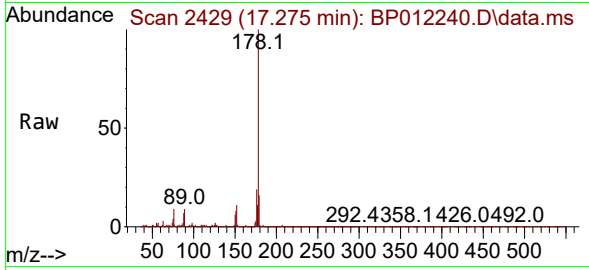




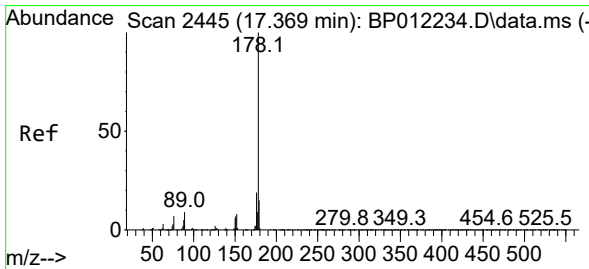
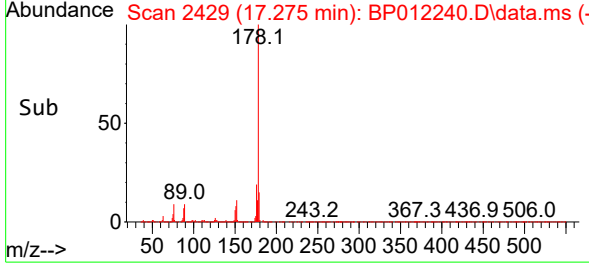
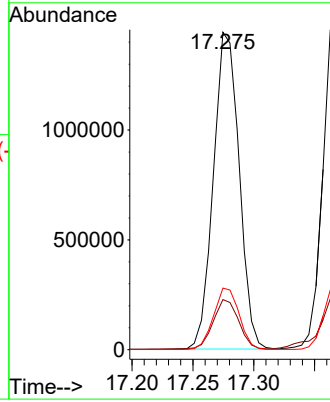


#72  
 Phenanthrene  
 Concen: 16.590 ng/uI  
 RT: 17.275 min Scan# 2429  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :

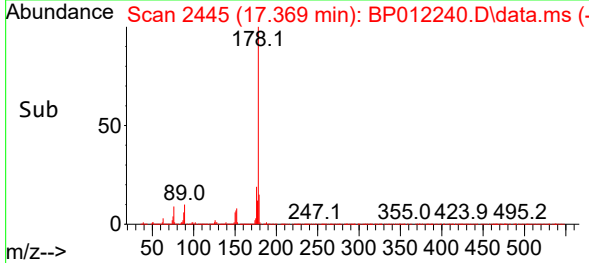
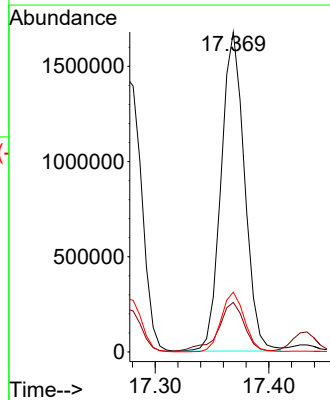
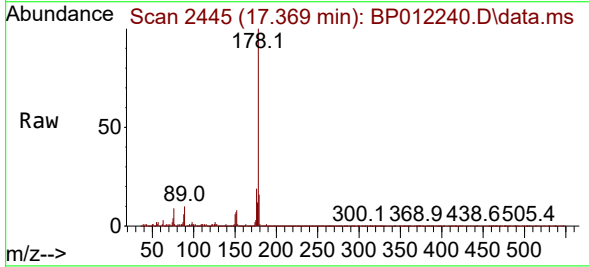


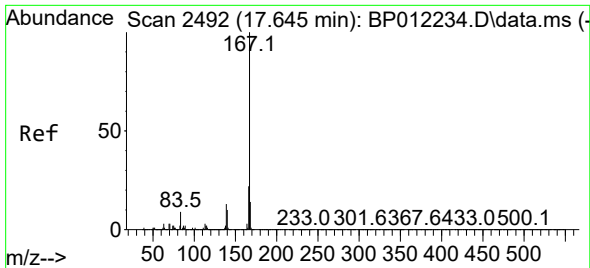
Tgt Ion:178 Resp: 2122494  
 Ion Ratio Lower Upper  
 178 100  
 179 15.8 12.6 18.8  
 176 19.4 15.6 23.4



#74  
 Anthracene  
 Concen: 18.954 ng/uI  
 RT: 17.369 min Scan# 2445  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

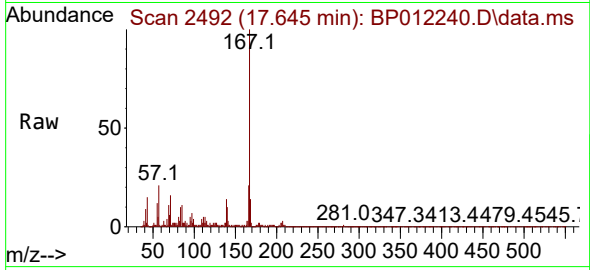
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 Ion Ratio Lower Upper  
 178 100  
 179 15.5 12.3 18.5  
 176 18.7 15.0 22.4





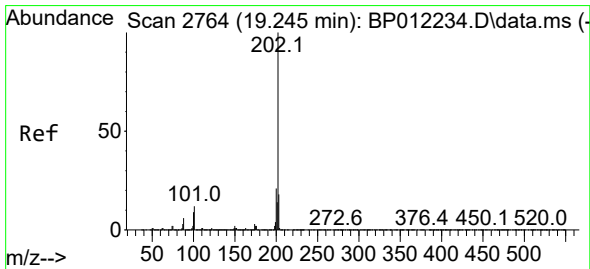
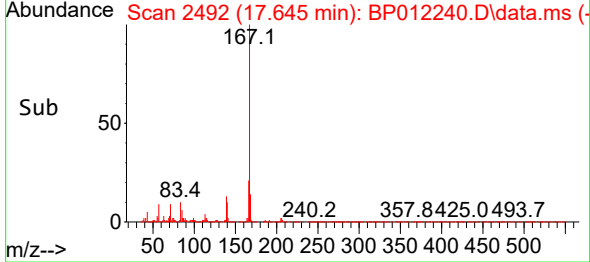
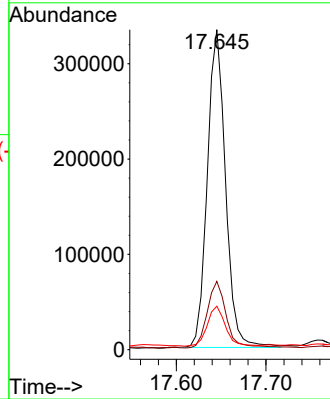
#77  
 Carbazole  
 Concen: 4.208 ng/u1  
 RT: 17.645 min Scan# 2492  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion:167 Resp: 470128

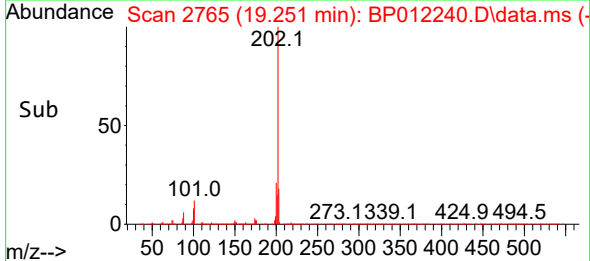
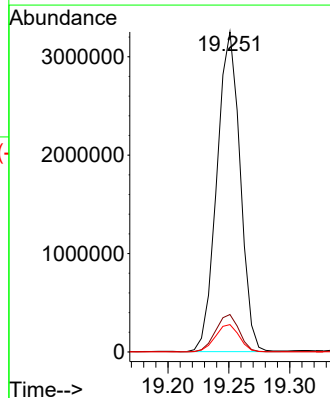
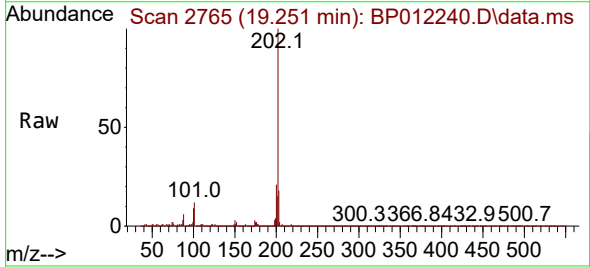
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	13.6	10.2	15.4

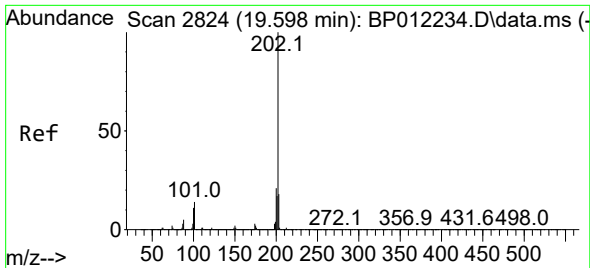


#80  
 Fluoranthene  
 Concen: 38.213 ng/u1  
 RT: 19.251 min Scan# 2765  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion:202 Resp: 4326225

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.4	15.6
100	8.5	7.7	11.5



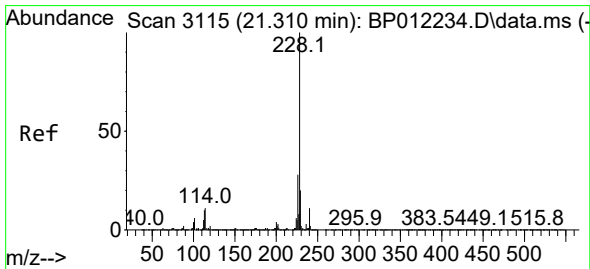
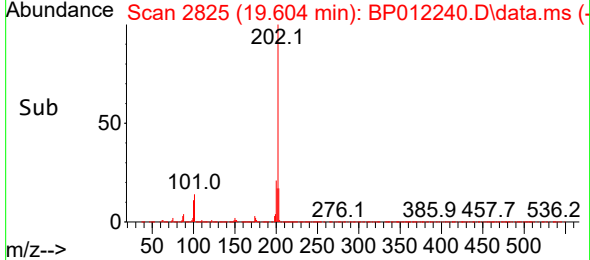
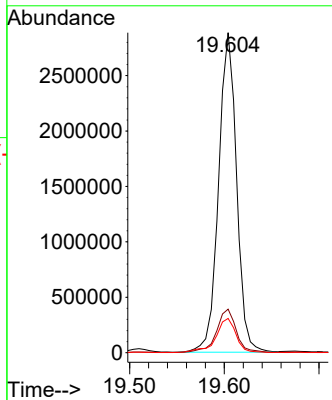
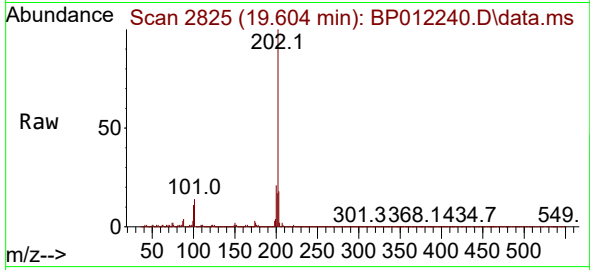


#82  
 Pyrene  
 Concen: 32.983 ng/u1  
 RT: 19.604 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument : BNA\_P  
 ClientSampleId :

Tgt Ion:202 Resp: 3820396

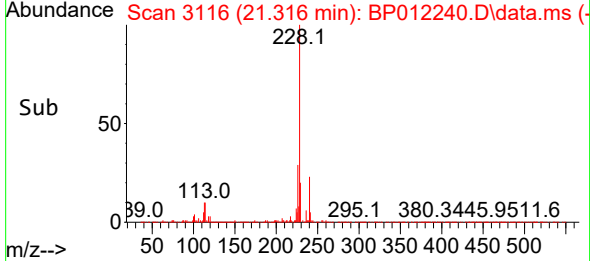
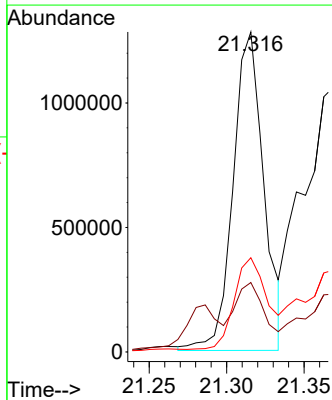
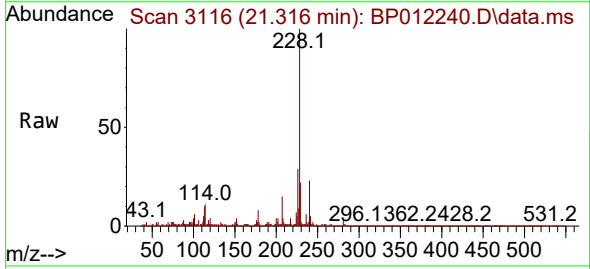
Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.3	18.5
100	10.7	10.0	15.0

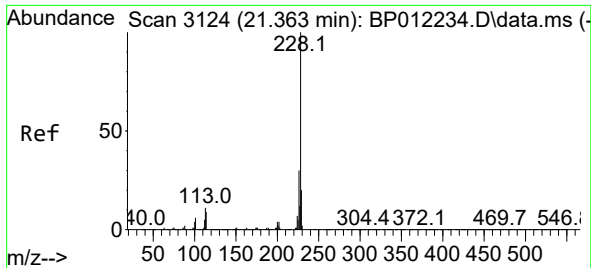


#85  
 Benzo(a)anthracene  
 Concen: 16.816 ng/u1  
 RT: 21.316 min Scan# 3116  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion:228 Resp: 1763611

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.1	24.1
226	29.5	21.9	32.9



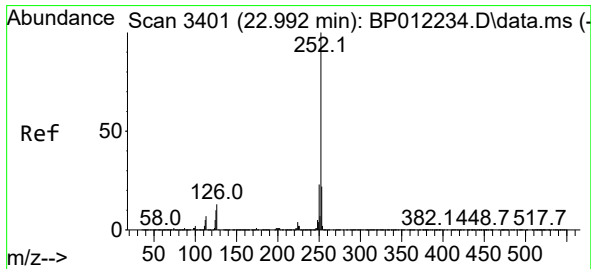
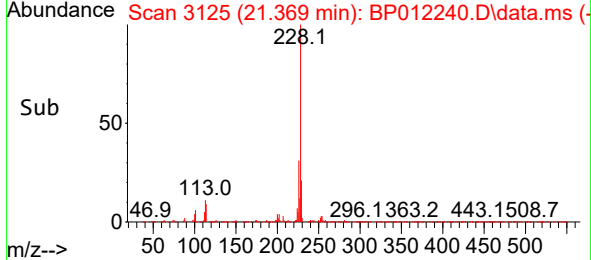
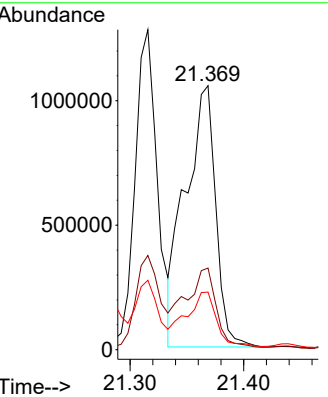
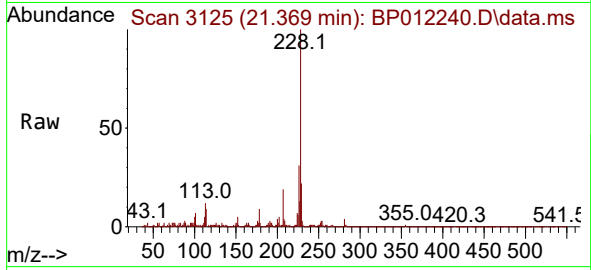


#87  
 Chrysene  
 Concen: 19.936 ng/u1  
 RT: 21.369 min Scan# 3124  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument : BNA\_P  
 ClientSampleId :

Tgt Ion:228 Resp: 1951142

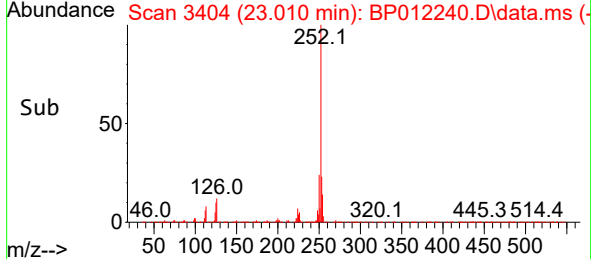
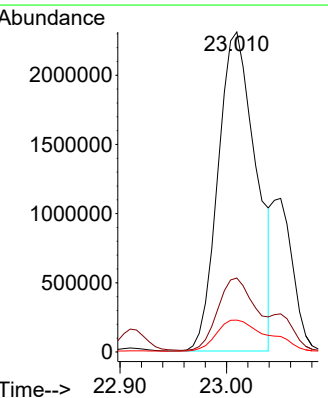
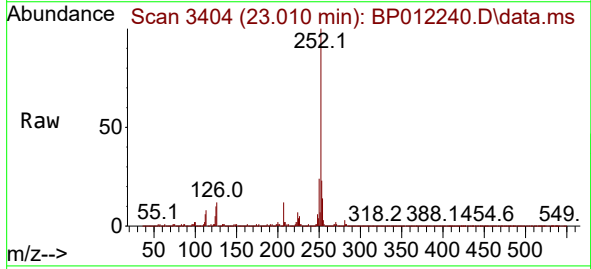
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	21.8	15.8	23.8

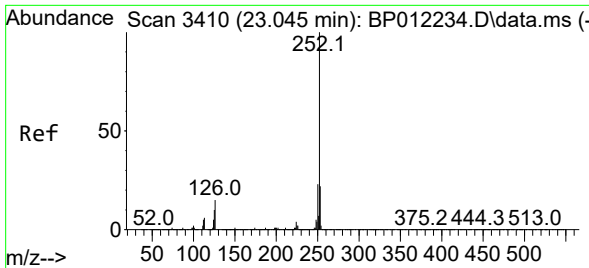


#90  
 Benzo(b)fluoranthene  
 Concen: 53.323 ng/u1  
 RT: 23.010 min Scan# 3404  
 Delta R.T. 0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion:252 Resp: 5712301

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.9	8.5	12.7



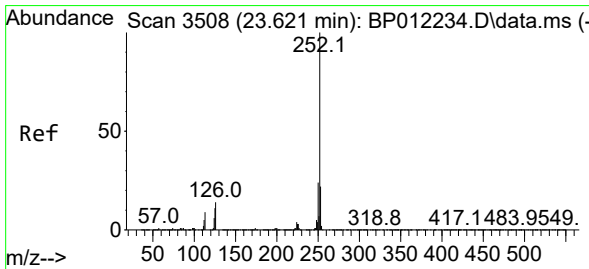
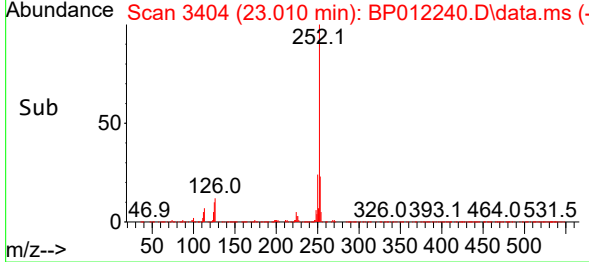
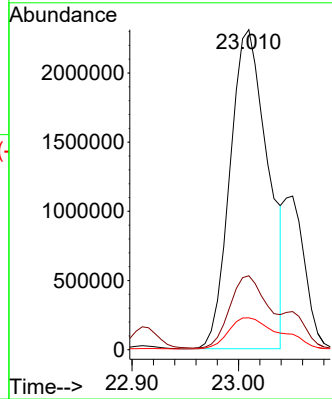
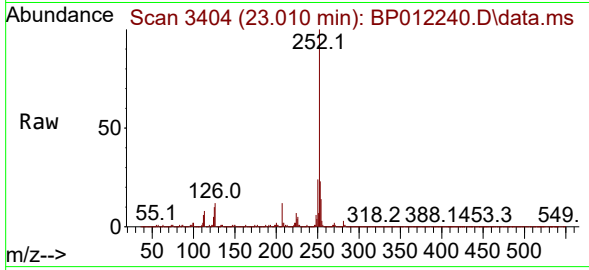


#91  
 Benzo(k)fluoranthene  
 Concen: 54.096 ng/u1  
 RT: 23.010 min Scan# 3410  
 Delta R.T. -0.041 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument : BNA\_P  
 ClientSampleId :

Tgt Ion:252 Resp: 5712301

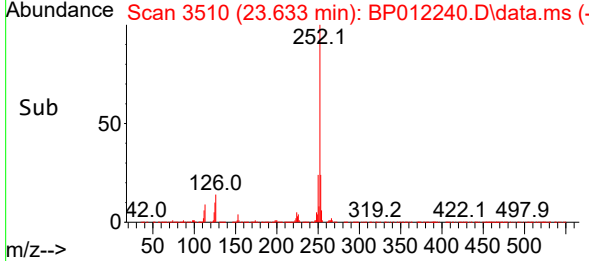
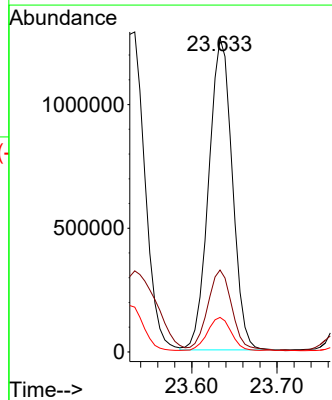
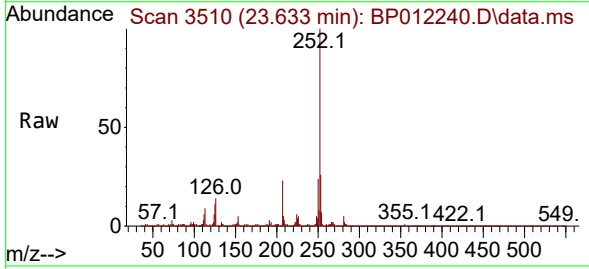
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.9	8.6	13.0

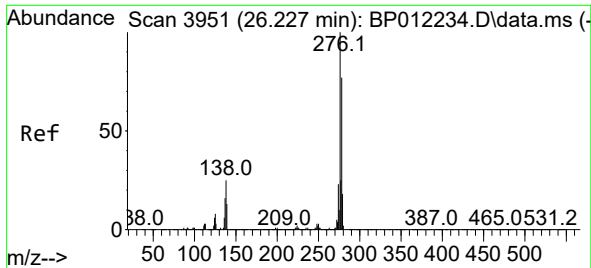


#93  
 Benzo(a)pyrene  
 Concen: 26.412 ng/u1  
 RT: 23.633 min Scan# 3510  
 Delta R.T. 0.000 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Tgt Ion:252 Resp: 2419558

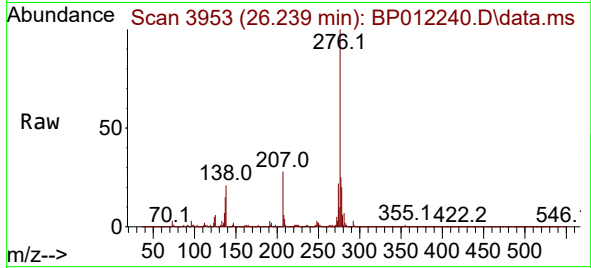
Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	11.0	9.7	14.5



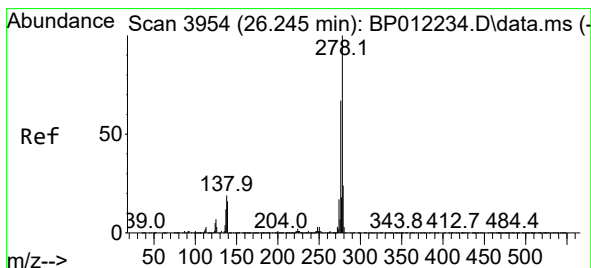
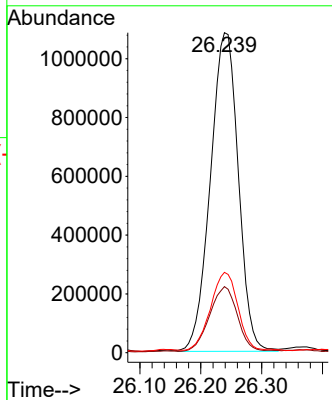
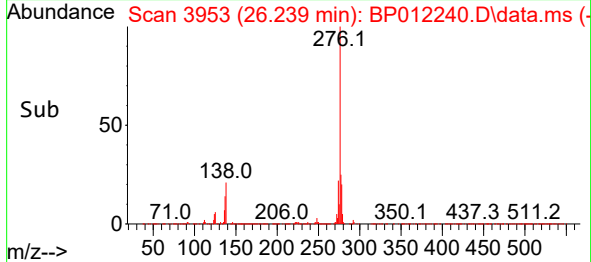


#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.576 ng/uI  
 RT: 26.239 min Scan# 3953  
 Delta R.T. -0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

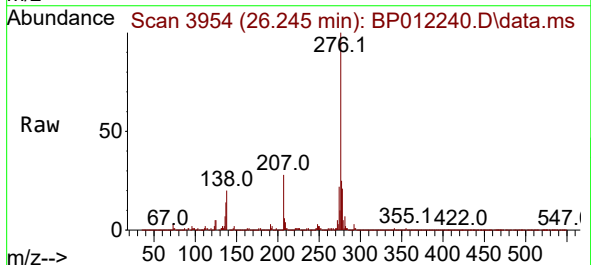
Instrument :  
 BNA\_P  
 ClientSampleId :



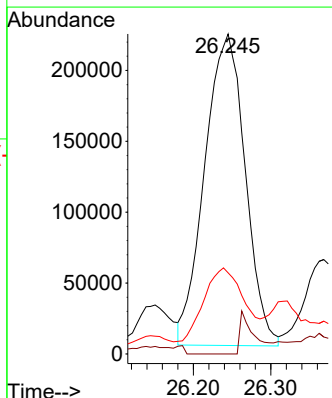
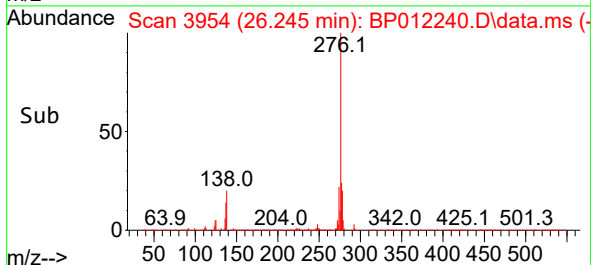
Tgt Ion:276 Resp: 3454600  
 Ion Ratio Lower Upper  
 276 100  
 138 20.7 20.3 30.5  
 277 25.1 20.2 30.4

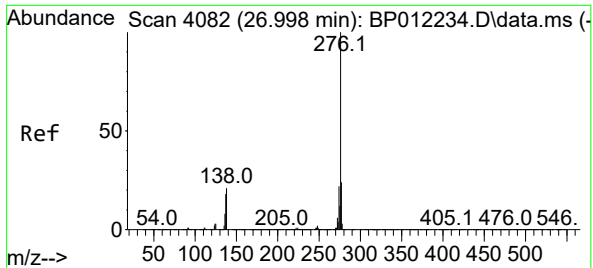


#95  
 Dibenzo(a,h)anthracene  
 Concen: 8.350 ng/uI  
 RT: 26.245 min Scan# 3954  
 Delta R.T. -0.018 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05



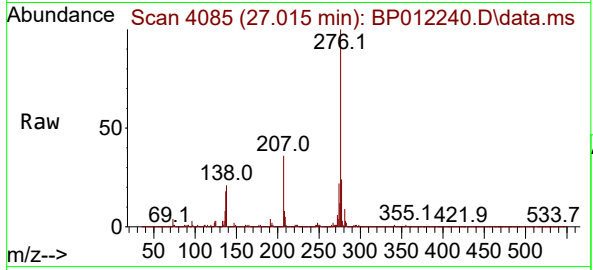
Tgt Ion:278 Resp: 798285  
 Ion Ratio Lower Upper  
 278 100  
 139 0.0 12.9 19.3#  
 279 25.4 19.0 28.4





#96  
 Benzo(g,h,i)perylene  
 Concen: 28.825 ng/ul  
 RT: 27.015 min Scan# 4085  
 Delta R.T. 0.006 min  
 Lab File: BP012240.D  
 Acq: 21 Oct 2022 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion: 276 Resp: 2870172

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.9	26.9
277	23.9	18.9	28.3

