

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
 Data File : BP012339.D
 Acq On : 27 Oct 2022 12:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 27 23:20:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	279108	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	1291672	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	848422	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1858686	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	2023397	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	2131456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	54194	7.818	ng/uL	0.00
4) Pyridine-d5	3.669	84	400694	20.123	ng/ul	0.00
7) Phenol-d5	6.981	99	516246	20.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	305047	20.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	397682	21.753	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	415270	20.974	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	197062	23.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	214196	24.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	412686	21.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	607038	21.638	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1223520	21.066	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1453357	21.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	246306	22.408	ng/ul	0.00
60) Fluorene-d10	15.457	176	1089666	21.913	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	194427	20.091	ng/ul	0.00
73) Anthracene-d10	17.322	188	1750246	21.854	ng/ul	0.00
81) Pyrene-d10	19.563	212	2096676	20.639	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	2230794	21.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	58293	7.910	ng/uL	100
5) Pyridine	3.693	79	394164	20.142	ng/ul	99
6) Benzaldehyde	6.958	77	260010	22.022	ng/ul	99
8) Phenol	7.010	94	541038	20.786	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	428791	20.526	ng/ul	100
12) 2-Chlorophenol	7.375	128	426240	21.418	ng/ul	100
13) 2-Methylphenol	8.263	108	413727	20.669	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	571808	20.410	ng/ul	98
16) Acetophenone	8.640	105	659106	21.433	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	325912	22.014	ng/ul	99
18) 4-Methylphenol	8.593	108	458873	20.974	ng/ul	99
19) Hexachloroethane	8.881	117	167936	21.941	ng/ul	98
22) Nitrobenzene	9.022	77	480400	21.982	ng/ul	100
23) Isophorone	9.552	82	947809	20.725	ng/ul	100
25) 2-Nitrophenol	9.734	139	248471	23.835	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	497697	21.743	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.034	93	593208	20.270	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	430553	22.013	ng/ul	99
30) Naphthalene	10.663	128	1438750	21.017	ng/ul	99
32) 4-Chloroaniline	10.787	127	630559	21.844	ng/ul	99
33) Hexachlorobutadiene	10.940	225	264942	21.773	ng/ul	99
34) Caprolactam	11.581	113	138505	20.811	ng/ul	99
35) 4-Chloro-3-methylphenol	11.910	107	467923	21.772	ng/ul	100
36) 2-Methylnaphthalene	12.275	142	994620	21.193	ng/ul	99

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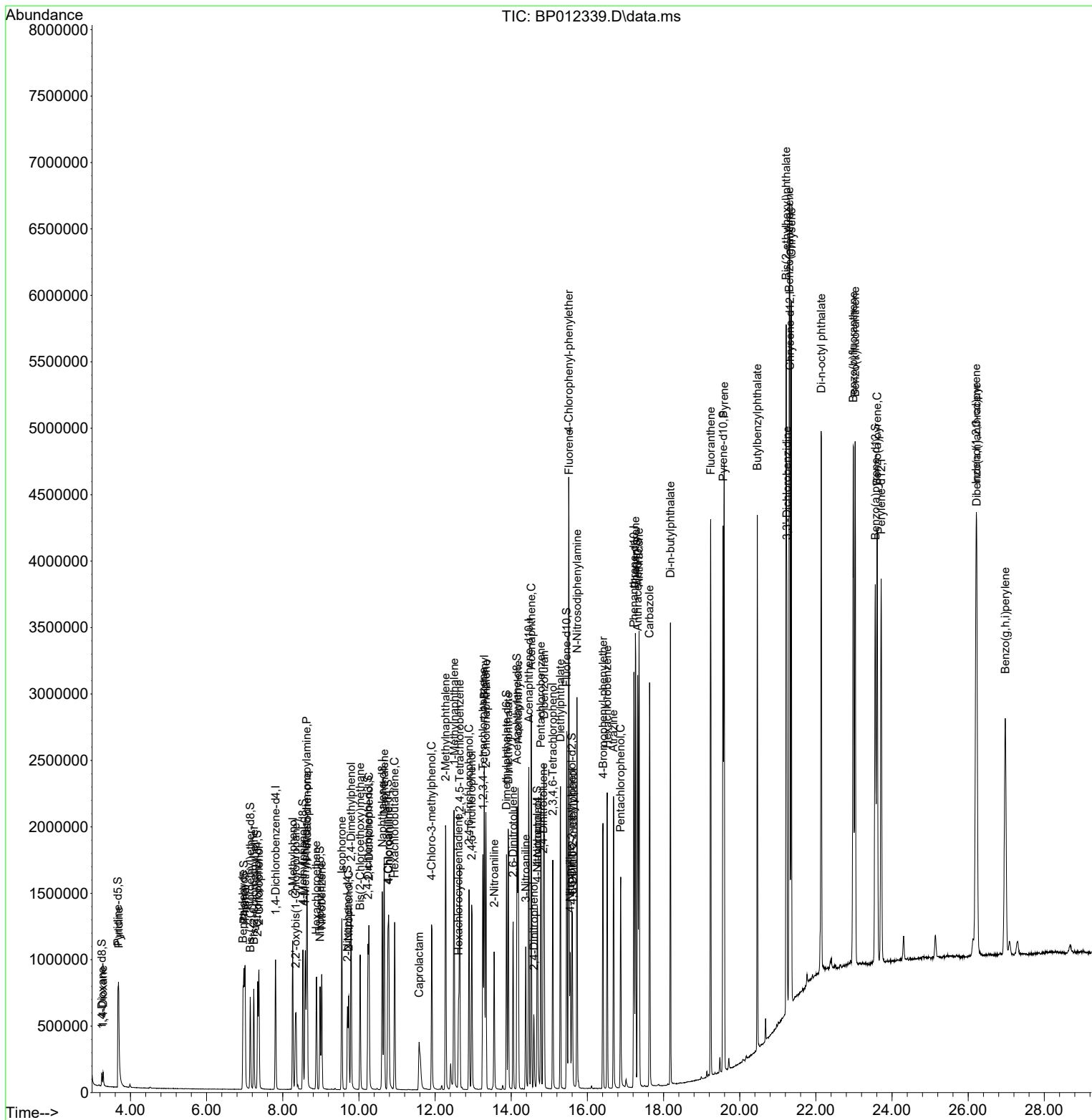
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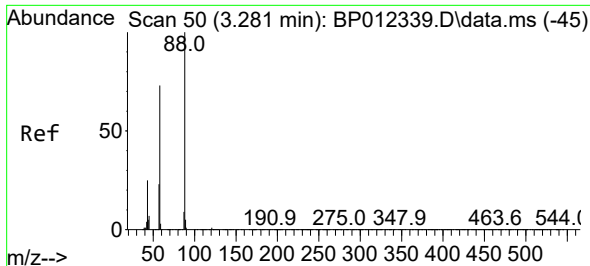
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	1000705	21.351	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	529838	21.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	169184	14.674	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	352734	22.143	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	385241	22.173	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	1298839	20.820	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	1027866	20.967	ng/ul	99
45) 2-Nitroaniline	13.551	65	283278	24.932	ng/ul	99
47) Dimethylphthalate	13.922	163	1287938	21.048	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	255186	25.116	ng/ul	98
50) Acenaphthylene	14.181	152	1601636	21.518	ng/ul	99
51) 3-Nitroaniline	14.381	138	282459	22.704	ng/ul	99
52) Acenaphthene	14.528	153	1117303	21.359	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	131394	19.149	ng/ul	97
55) 4-Nitrophenol	14.692	109	185315	22.281	ng/ul	96
56) Dibenzofuran	14.863	168	1537781	21.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	376408	24.596	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	340547	23.094	ng/ul	98
59) Diethylphthalate	15.292	149	1305092	21.919	ng/ul	99
61) Fluorene	15.516	166	1250695	22.042	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	609641	21.904	ng/ul	100
63) 4-Nitroaniline	15.551	138	277418	24.682	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	208590	20.231	ng/ul	98
67) N-Nitrosodiphenylamine	15.728	169	1102624	21.063	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	398781	21.360	ng/ul	100
69) Hexachlorobenzene	16.522	284	485227	21.670	ng/ul	98
70) Atrazine	16.686	200	396020	21.838	ng/ul	99
71) Pentachlorophenol	16.875	266	293677	21.356	ng/ul	100
72) Phenanthrene	17.263	178	2094927	21.335	ng/ul	99
74) Anthracene	17.357	178	2128586	21.821	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	536371	20.173	ng/ul	99
76) Pentachlorobenzene	14.781	250	584191	20.807	ng/ul	100
77) Carbazole	17.633	167	1970038	22.675	ng/ul	100
78) Di-n-butylphthalate	18.180	149	2358394	23.365	ng/ul	100
80) Fluoranthene	19.239	202	2560706	20.416	ng/ul	98
82) Pyrene	19.592	202	2663477	20.502	ng/ul	98
83) Butylbenzylphthalate	20.463	149	1153099	23.807	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	910783	20.722	ng/ul	100
85) Benzo(a)anthracene	21.304	228	2743385	21.252	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1715359	23.161	ng/ul	100
87) Chrysene	21.357	228	2599121	21.538	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3053850	24.021	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	2981242	22.088	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	2740161	21.303	ng/ul	99
93) Benzo(a)pyrene	23.610	252	2487529	21.105	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	2734300	18.617	ng/ul	100
95) Dibenzo(a,h)anthracene	26.227	278	2499907	19.010	ng/ul	99
96) Benzo(g,h,i)perylene	26.974	276	2377607	18.313	ng/ul	99

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

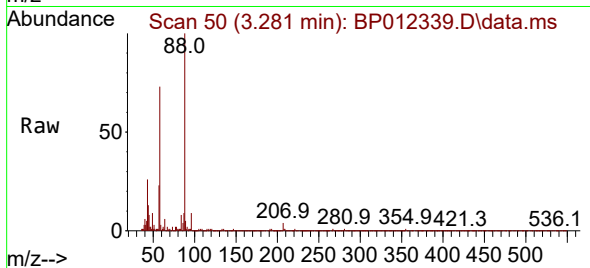
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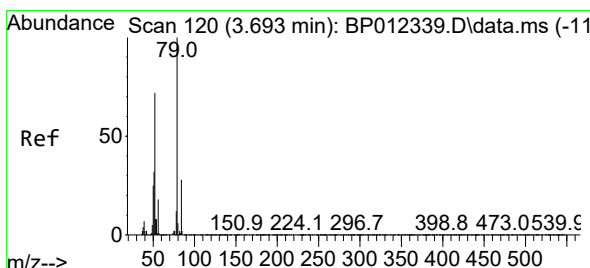
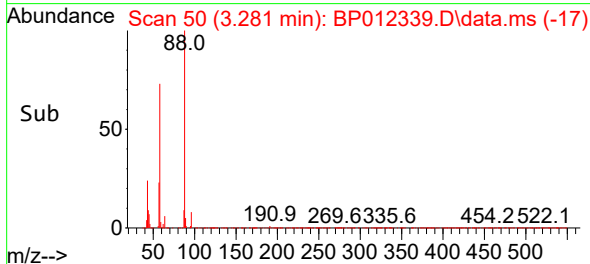
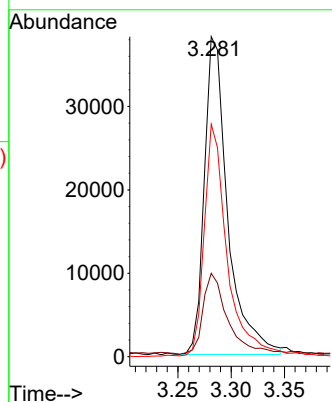
#2
 1,4-Dioxane
 Concen: 7.910 ng/uL
 RT: 3.281 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP012339.D
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 BNA_P
 ClientSampleId :



Tgt Ion: 88 Resp: 58293

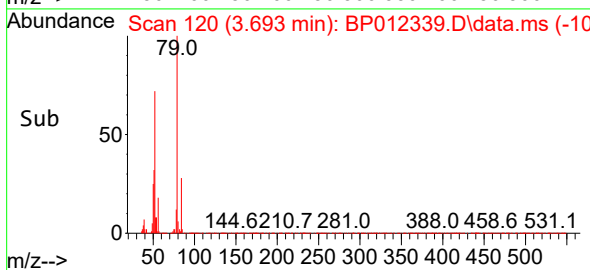
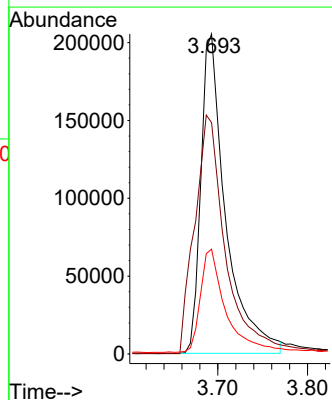
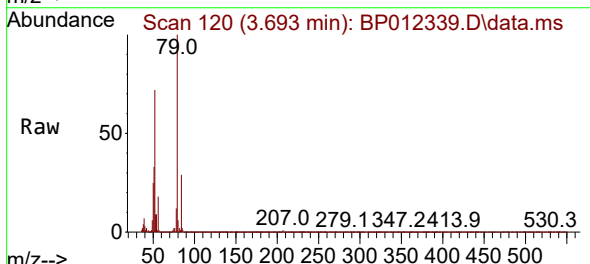
Ion	Ratio	Lower	Upper
88	100		
43	26.0	20.6	31.0
58	72.6	58.0	87.0

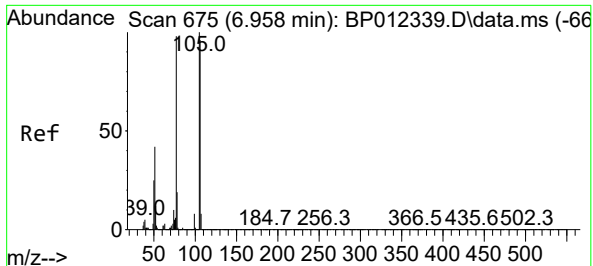


#5
 Pyridine
 Concen: 20.142 ng/uL
 RT: 3.693 min Scan# 120
 Delta R.T. -0.000 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

Tgt Ion: 79 Resp: 394164

Ion	Ratio	Lower	Upper
79	100		
52	72.3	57.4	86.0
51	32.7	25.7	38.5

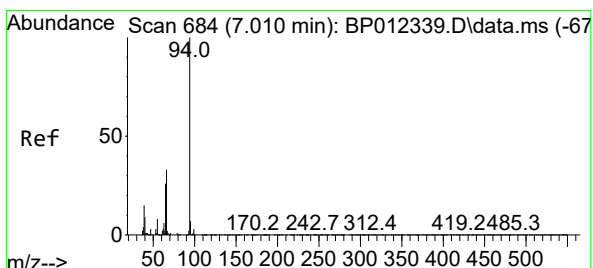
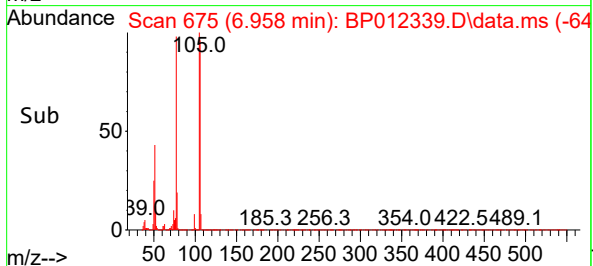
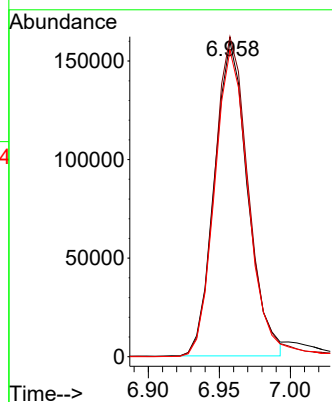
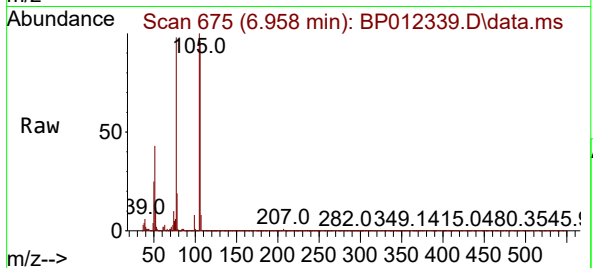




#6
Benzaldehyde
Concen: 22.022 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

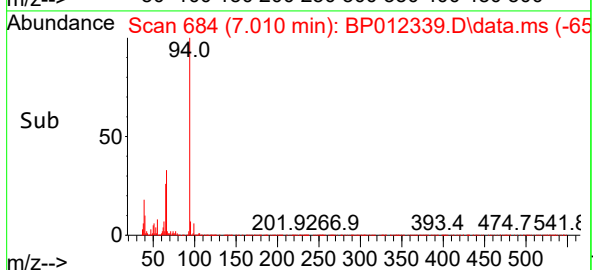
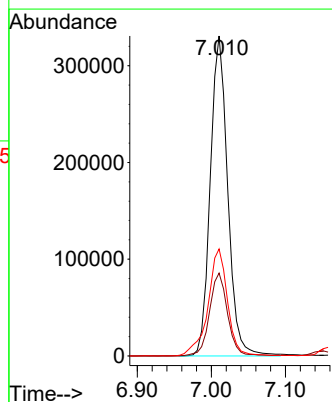
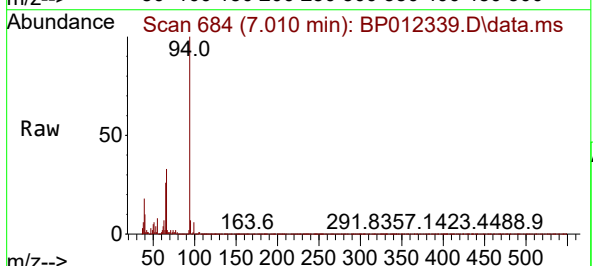
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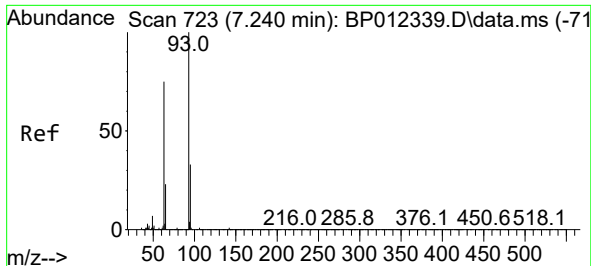
Tgt Ion: 77 Resp: 260010
Ion Ratio Lower Upper
77 100
105 101.6 81.0 121.6
106 97.3 79.2 118.8



#8
Phenol
Concen: 20.786 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion: 94 Resp: 541038
Ion Ratio Lower Upper
94 100
65 25.9 20.8 31.2
66 33.4 26.2 39.2

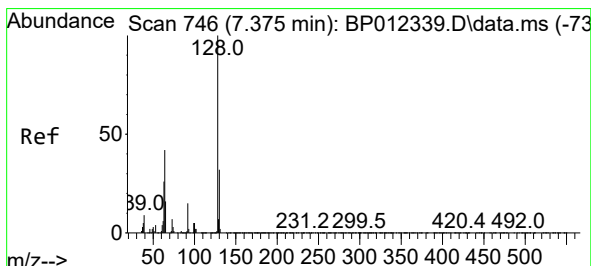
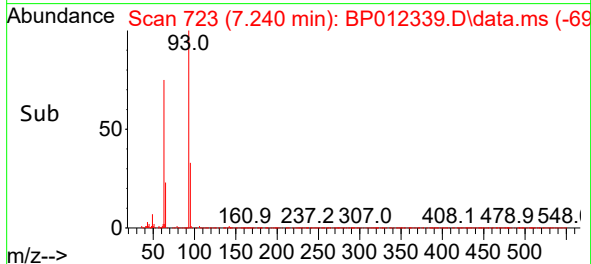
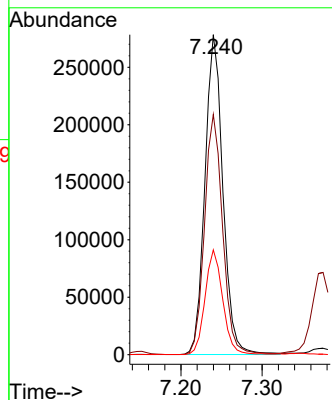
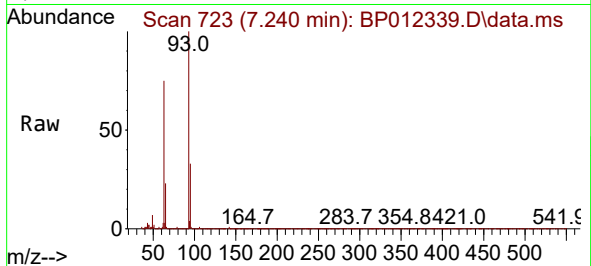




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.526 ng/ul
 RT: 7.240 min Scan# 723
 Delta R.T. -0.006 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

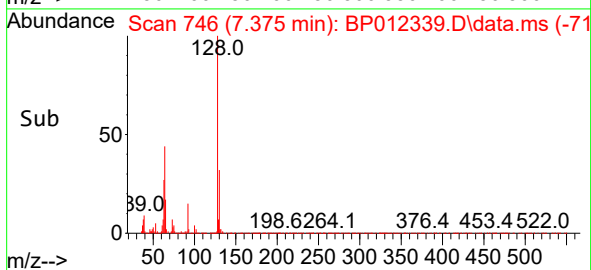
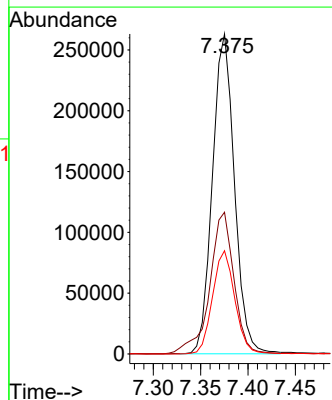
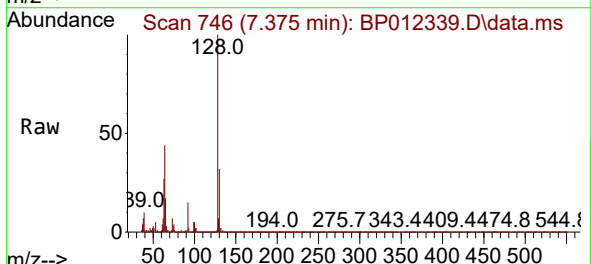
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 BNA_P
 ClientSampleId :

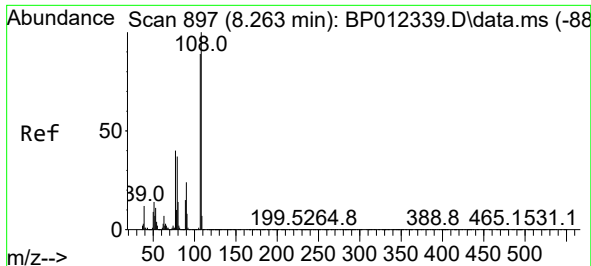
Tgt Ion: 93 Resp: 428791
 Ion Ratio Lower Upper
 93 100
 63 75.0 59.9 89.9
 95 32.8 25.7 38.5



#12
 2-Chlorophenol
 Concen: 21.418 ng/ul
 RT: 7.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

Tgt Ion:128 Resp: 426240
 Ion Ratio Lower Upper
 128 100
 64 44.3 35.1 52.7
 130 32.3 25.8 38.6





#13

2-Methylphenol

Concen: 20.669 ng/ul

RT: 8.263 min Scan# 897

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

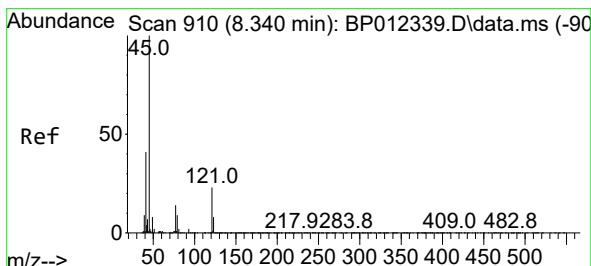
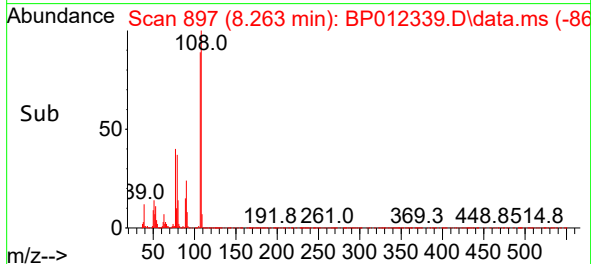
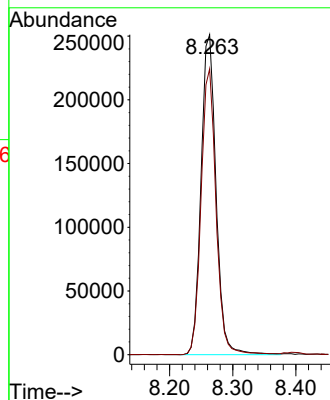
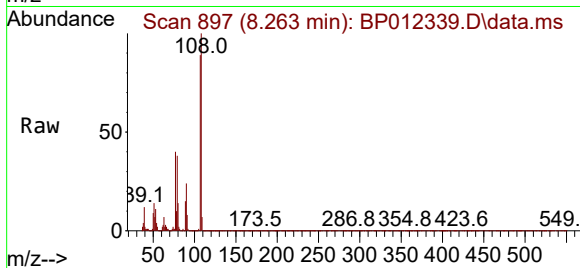
ClientSampleId :

Tgt Ion:108 Resp: 413727

Ion Ratio Lower Upper

108 100

107 89.3 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.410 ng/ul

RT: 8.340 min Scan# 910

Delta R.T. -0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

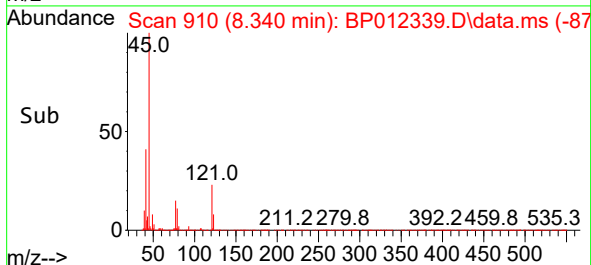
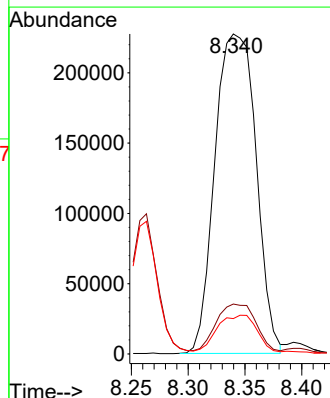
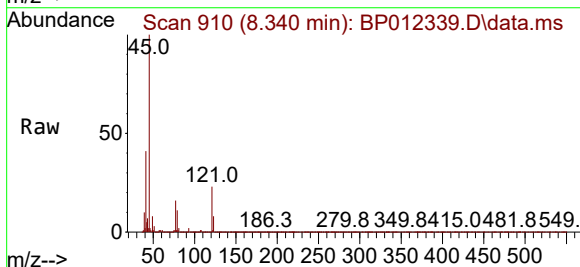
Tgt Ion: 45 Resp: 571808

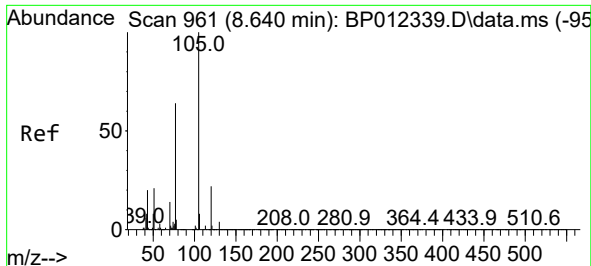
Ion Ratio Lower Upper

45 100

77 15.6 12.1 18.1

79 11.0 9.7 14.5

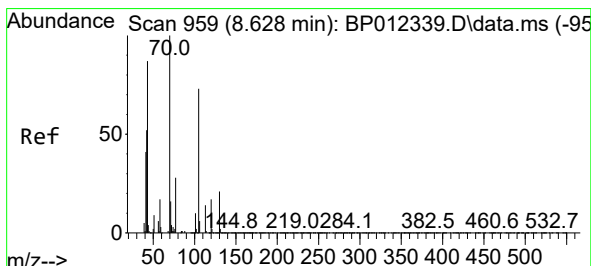
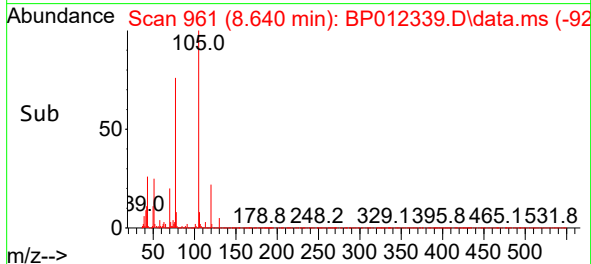
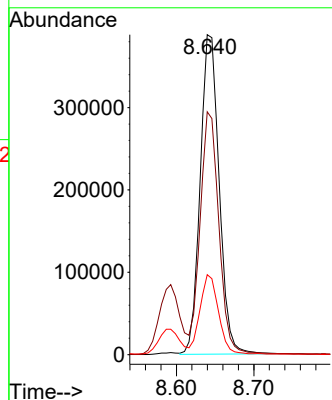
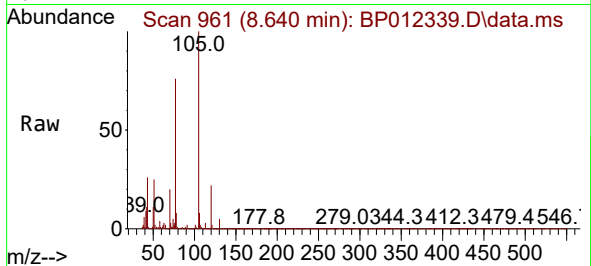




#16
 Acetophenone
 Concen: 21.433 ng/ul
 RT: 8.640 min Scan# 961
 Delta R.T. -0.006 min
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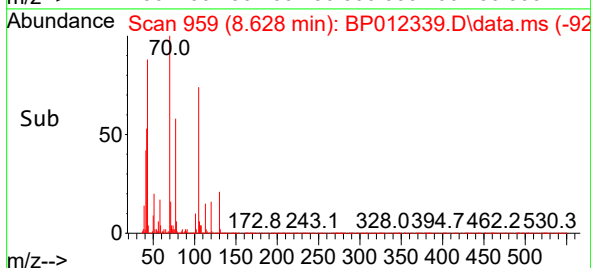
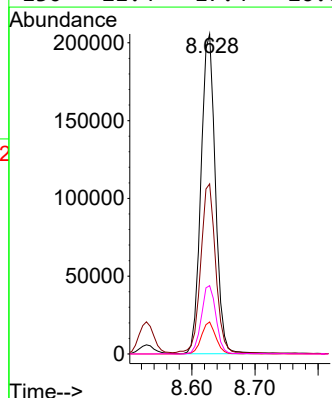
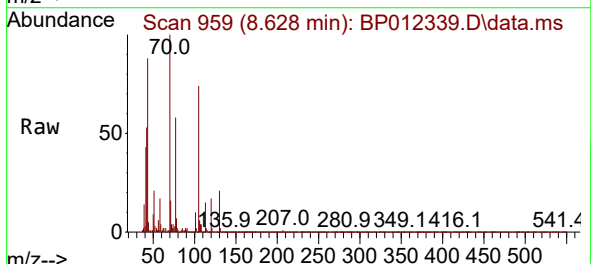
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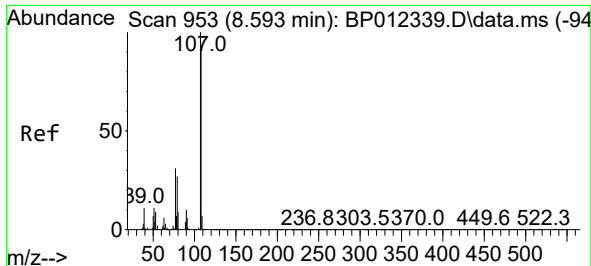
Tgt Ion:105 Resp: 659106
 Ion Ratio Lower Upper
 105 100
 77 75.9 60.3 90.5
 51 25.0 19.9 29.9



#17
 N-Nitroso-di-n-propylamine
 Concen: 22.014 ng/ul
 RT: 8.628 min Scan# 959
 Delta R.T. -0.006 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

Tgt Ion: 70 Resp: 325912
 Ion Ratio Lower Upper
 70 100
 42 53.1 41.7 62.5
 101 10.0 7.8 11.8
 130 21.4 17.4 26.0

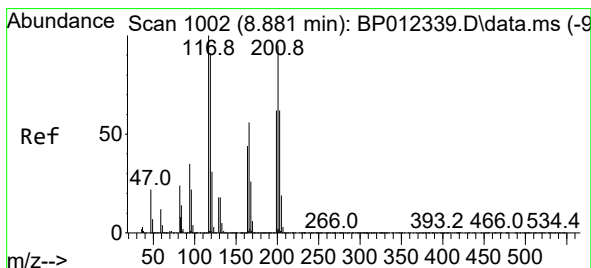
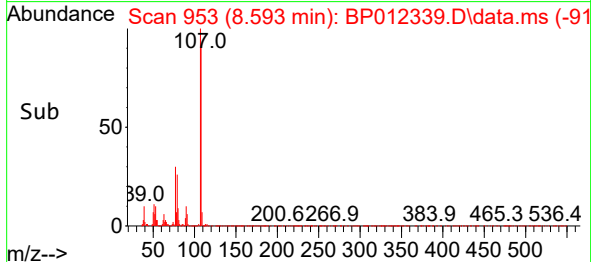
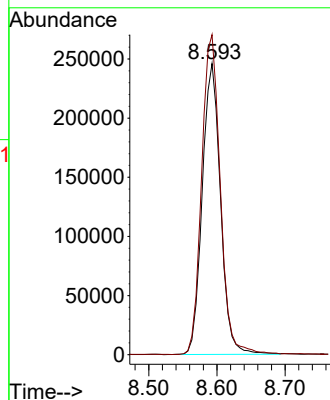
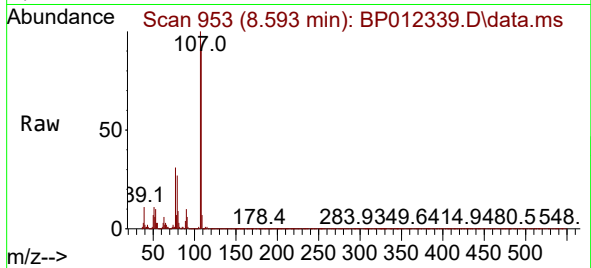




#18
4-Methylphenol
Concen: 20.974 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

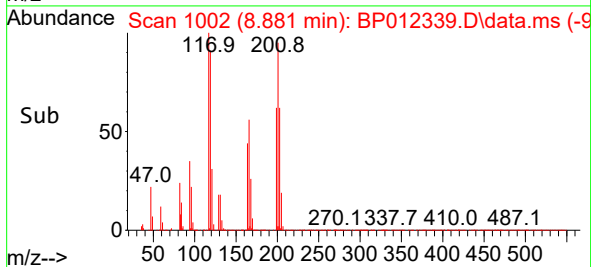
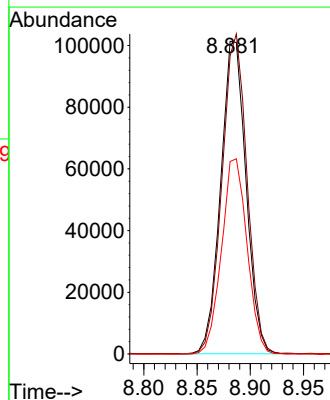
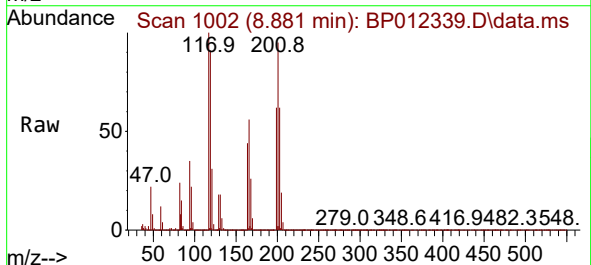
Instrument :
BNA_P
ClientSampleId :

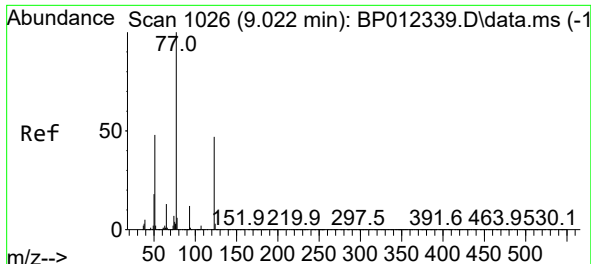
Tgt Ion:108 Resp: 458873
Ion Ratio Lower Upper
108 100
107 109.9 89.1 133.7



#19
Hexachloroethane
Concen: 21.941 ng/ul
RT: 8.881 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:117 Resp: 167936
Ion Ratio Lower Upper
117 100
201 95.4 78.5 117.7
199 61.6 49.9 74.9

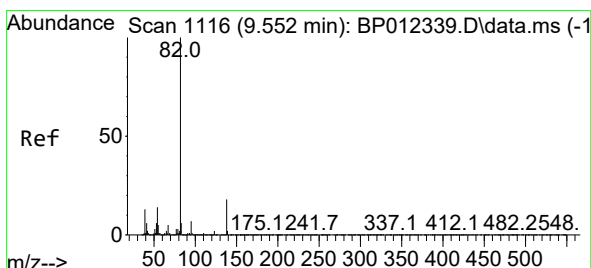
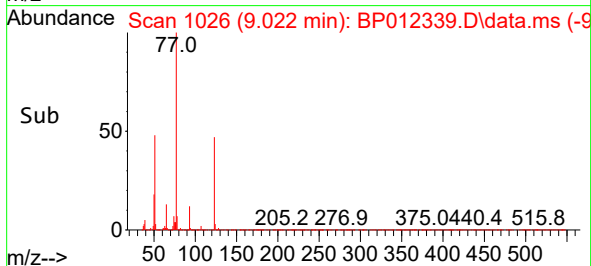
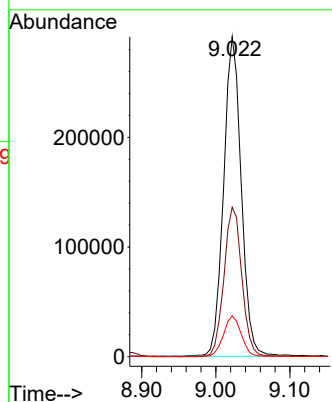
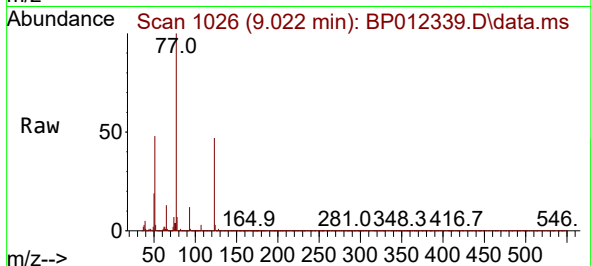




#22
Nitrobenzene
Concen: 21.982 ng/ul
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

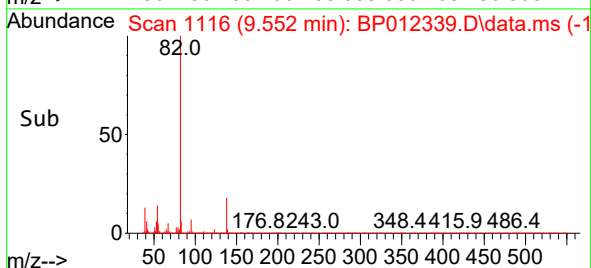
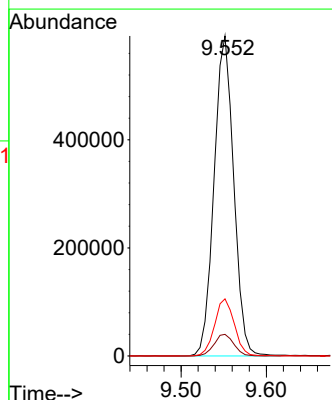
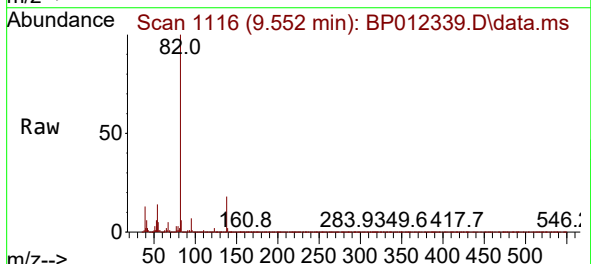
Instrument :
BNA_P
ClientSampleId :

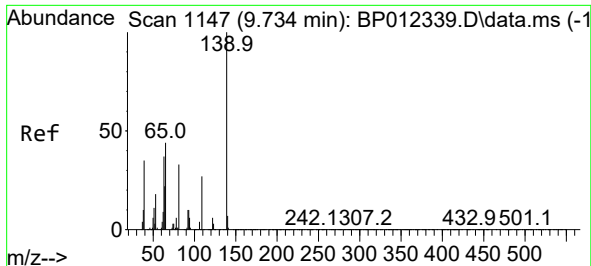
Tgt Ion: 77 Resp: 480400
Ion Ratio Lower Upper
77 100
123 46.7 37.4 56.2
65 12.8 10.2 15.2



#23
Isophorone
Concen: 20.725 ng/ul
RT: 9.552 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion: 82 Resp: 947809
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.9 14.2 21.2

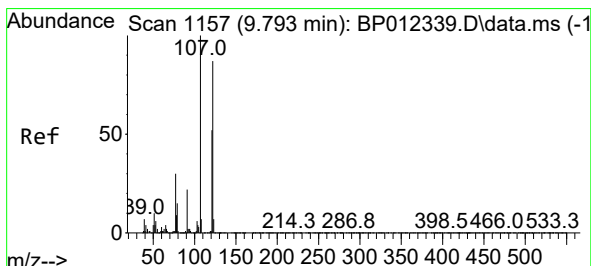
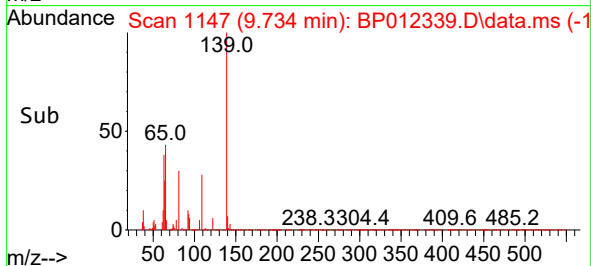
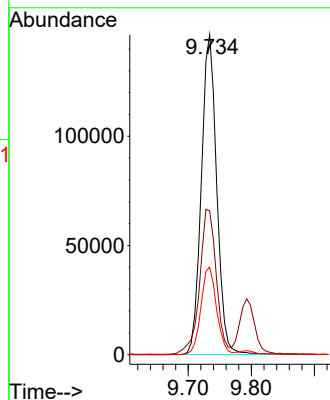
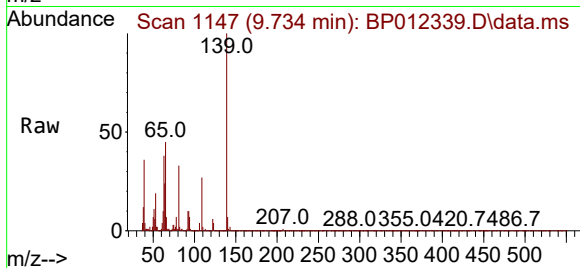




#25
2-Nitrophenol
Concen: 23.835 ng/ul
RT: 9.734 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

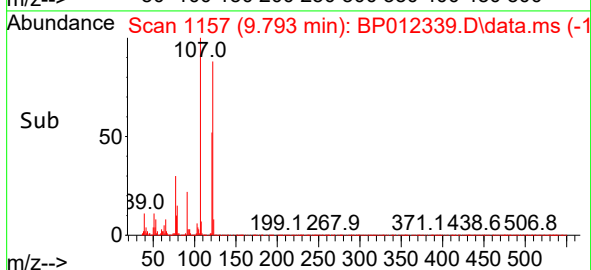
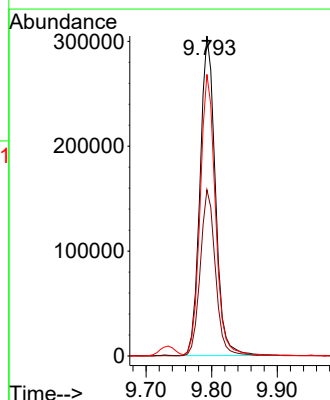
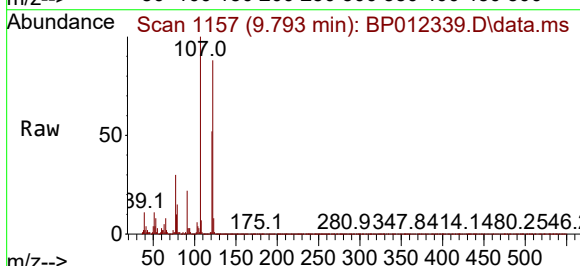
Instrument :
BNA_P
ClientSampleId :

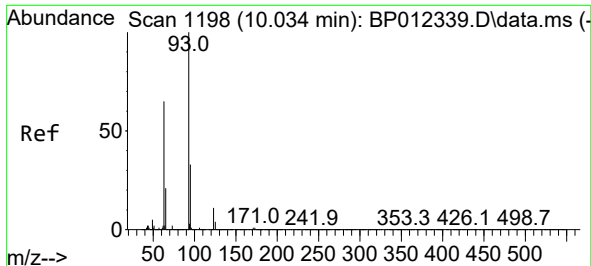
Tgt Ion:139 Resp: 248471
Ion Ratio Lower Upper
139 100
65 45.0 37.8 56.8
109 27.4 21.4 32.2



#26
2,4-Dimethylphenol
Concen: 21.743 ng/ul
RT: 9.793 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:107 Resp: 497697
Ion Ratio Lower Upper
107 100
121 52.0 40.9 61.3
122 88.0 70.6 105.8

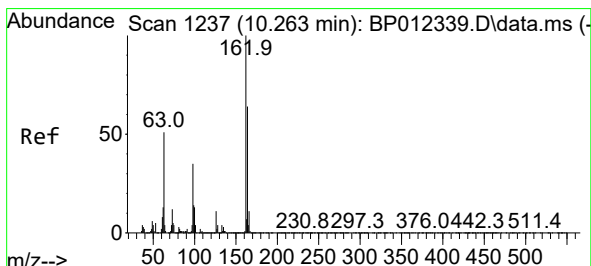
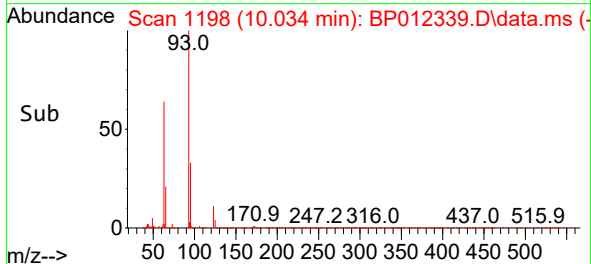
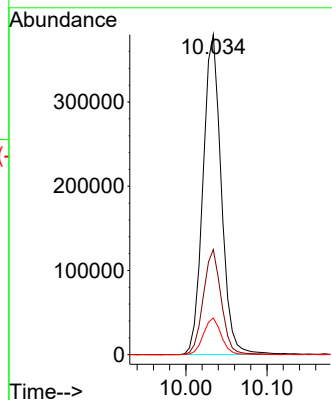
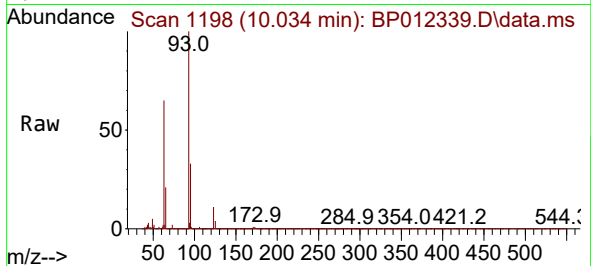




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.270 ng/ul
 RT: 10.034 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

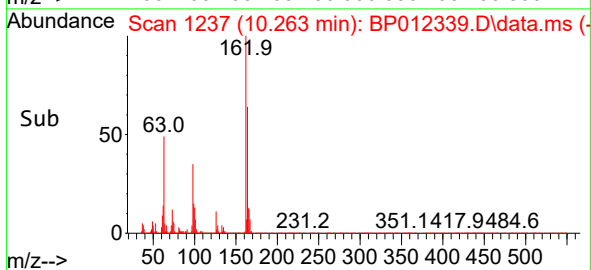
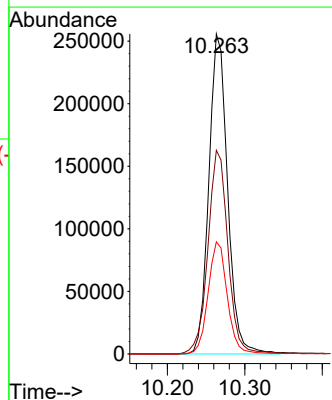
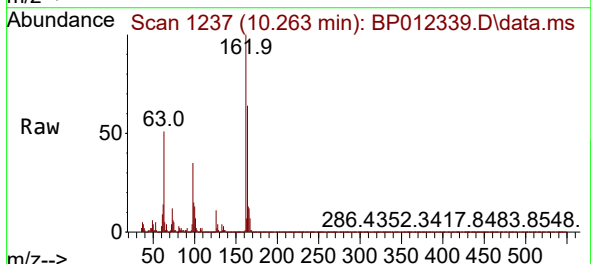
Instrument :
 BNA_P
 ClientSampleId :

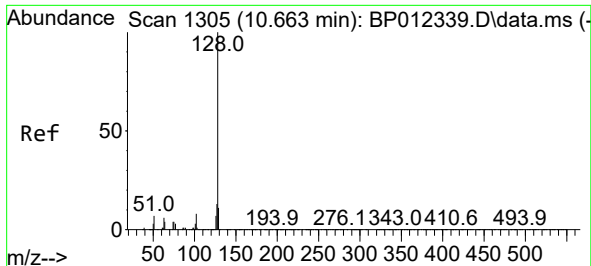
Tgt Ion: 93 Resp: 593208
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.5 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 22.013 ng/ul
 RT: 10.263 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BP012339.D
 Acq: 27 Oct 2022 12:01

Tgt Ion: 162 Resp: 430553
 Ion Ratio Lower Upper
 162 100
 164 63.7 51.9 77.9
 98 35.0 28.6 43.0

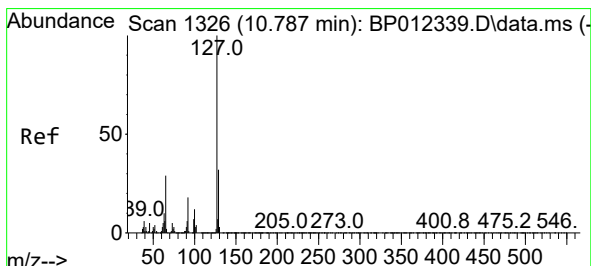
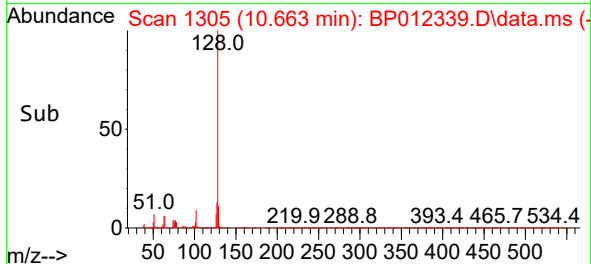
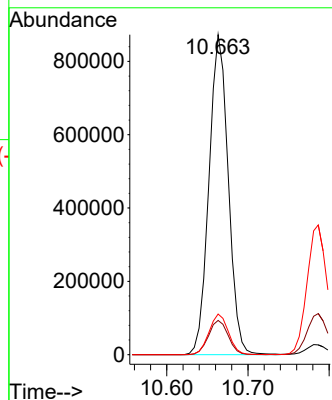
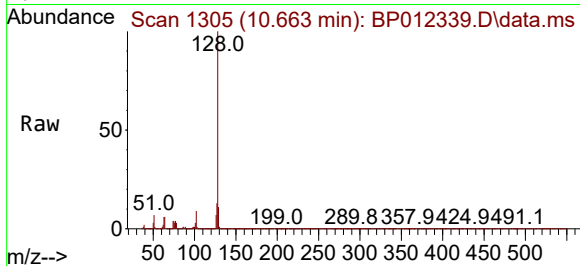




#30
Naphthalene
Concen: 21.017 ng/ul
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

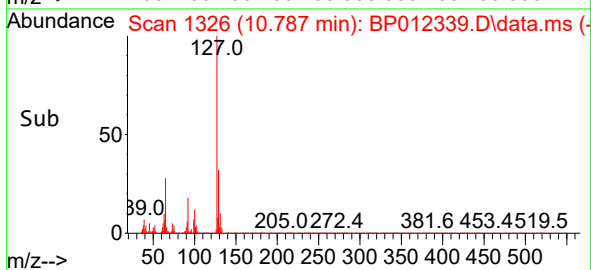
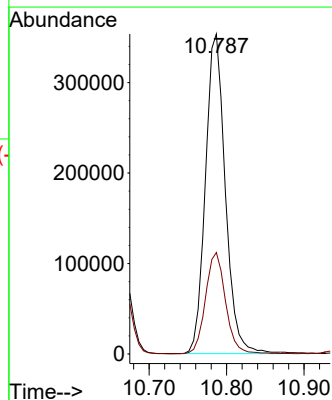
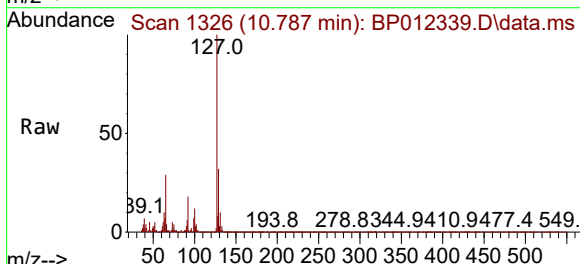
Instrument :
BNA_P
ClientSampleId :

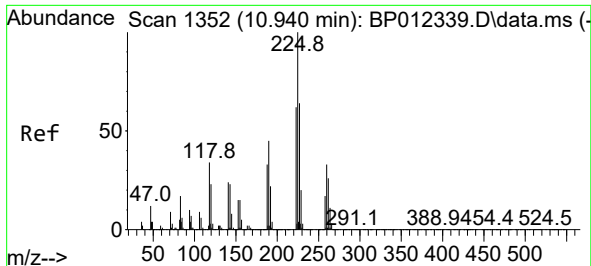
Tgt Ion:128 Resp: 1438750
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.7 10.5 15.7



#32
4-Chloroaniline
Concen: 21.844 ng/ul
RT: 10.787 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:127 Resp: 630559
Ion Ratio Lower Upper
127 100
129 31.7 26.0 39.0

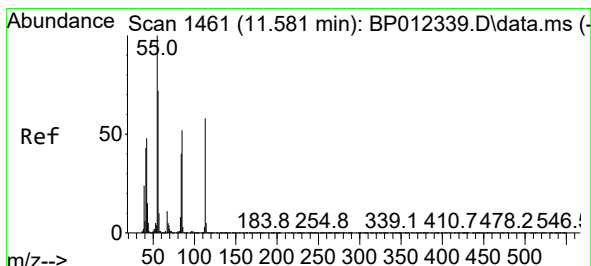
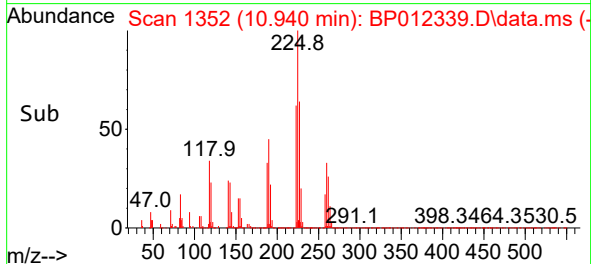
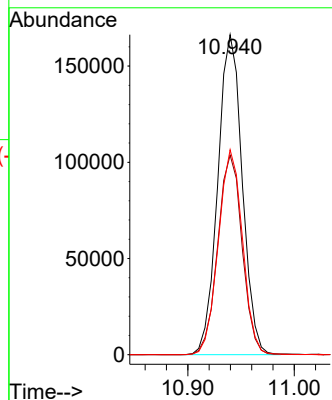
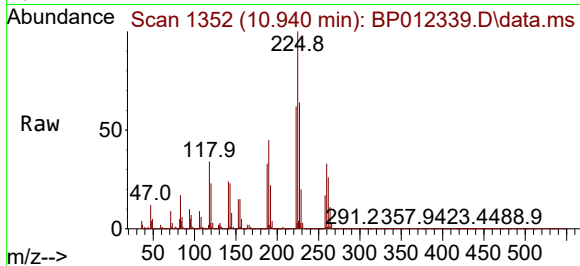




#33
Hexachlorobutadiene
Concen: 21.773 ng/ul
RT: 10.940 min Scan# 1352
Delta R.T. -0.005 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

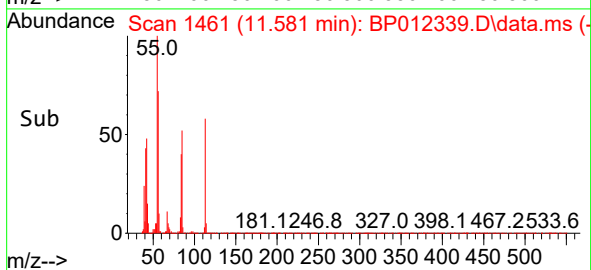
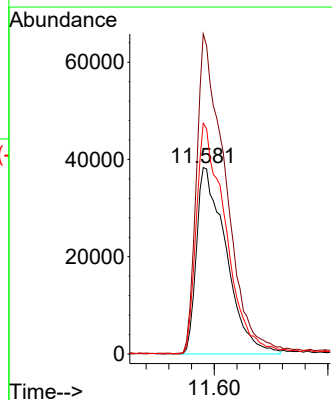
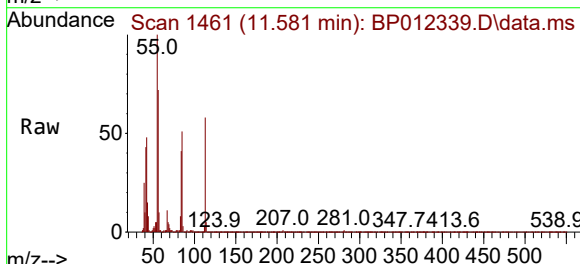
Instrument :
BNA_P
ClientSampleId :

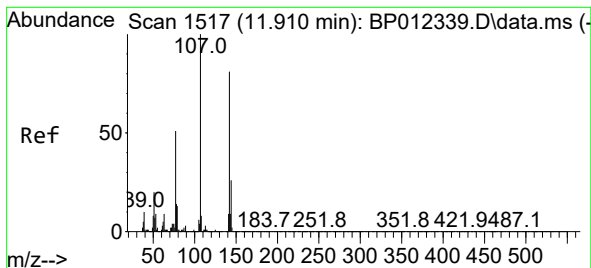
Tgt Ion:225 Resp: 264942
Ion Ratio Lower Upper
225 100
223 62.4 49.0 73.6
227 64.1 51.9 77.9



#34
Caprolactam
Concen: 20.811 ng/ul
RT: 11.581 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:113 Resp: 138505
Ion Ratio Lower Upper
113 100
55 171.6 135.6 203.4
56 123.8 98.9 148.3

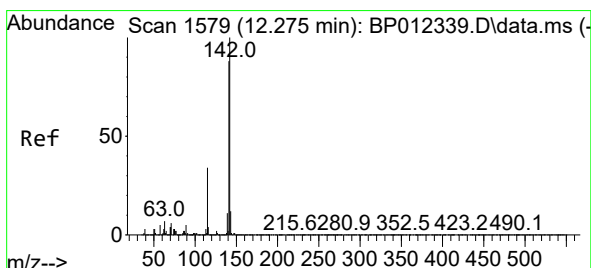
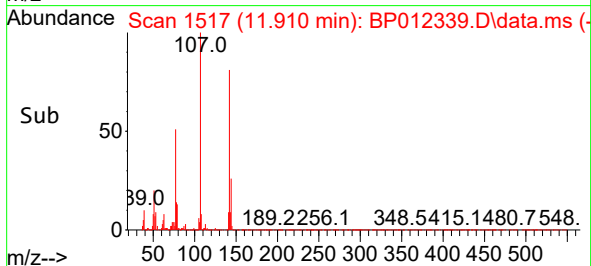
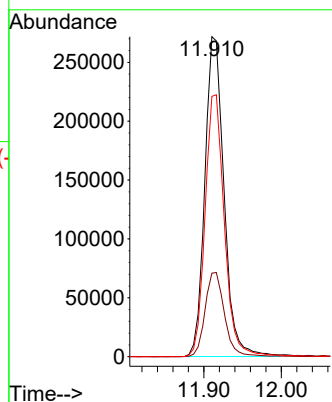
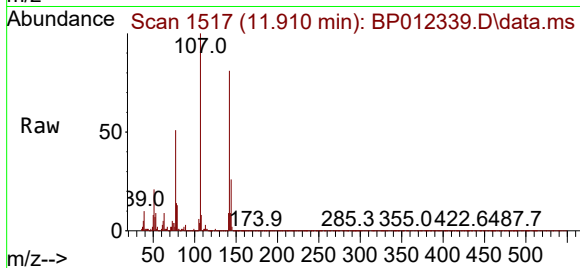




#35
4-Chloro-3-methylphenol
Concen: 21.772 ng/ul
RT: 11.910 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

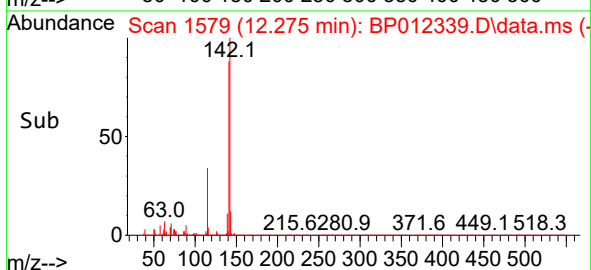
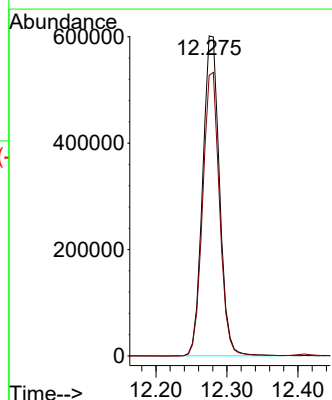
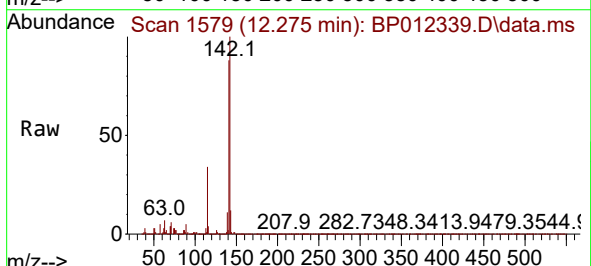
Instrument :
BNA_P
ClientSampleId :

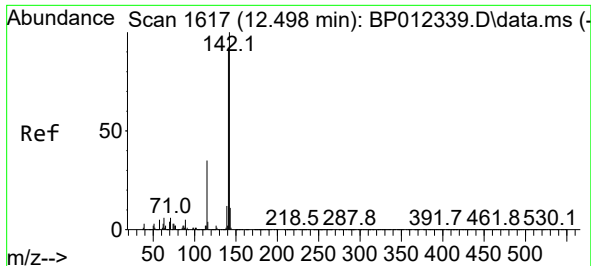
Tgt Ion:107 Resp: 467923
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.4
142 81.3 65.4 98.2



#36
2-Methylnaphthalene
Concen: 21.193 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:142 Resp: 994620
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0





#37

1-Methylnaphthalene

Concen: 21.351 ng/ul

RT: 12.498 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

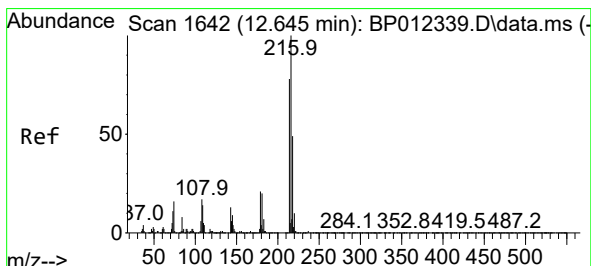
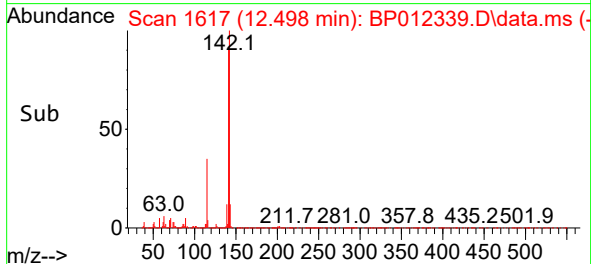
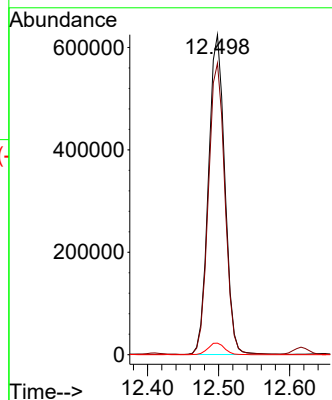
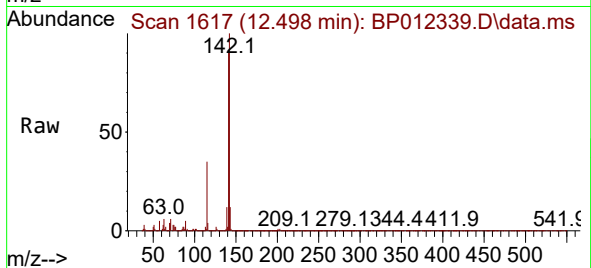
Tgt Ion:142 Resp: 1000705

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7

116 3.6 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.261 ng/ul

RT: 12.645 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Tgt Ion:216 Resp: 529838

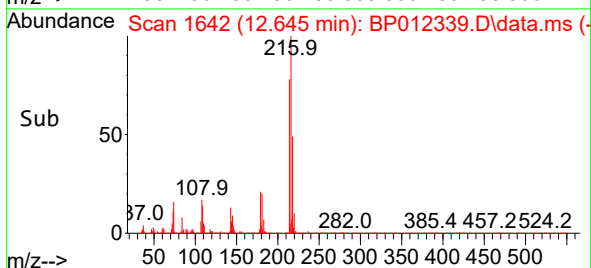
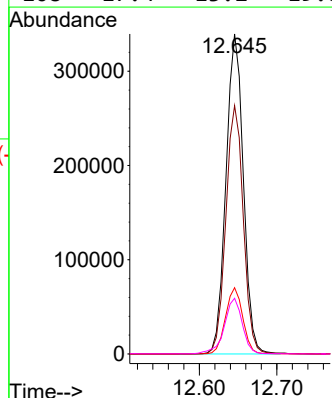
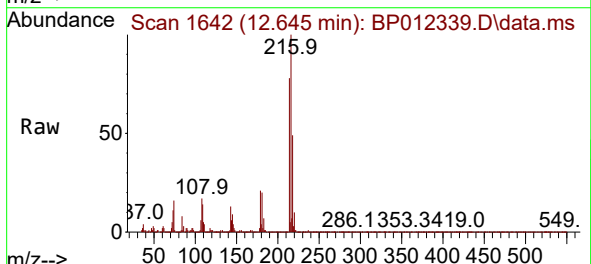
Ion Ratio Lower Upper

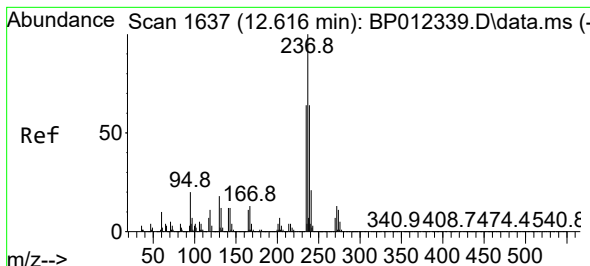
216 100

214 77.6 62.9 94.3

179 20.7 16.6 24.8

108 17.4 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 14.674 ng/ul

RT: 12.616 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

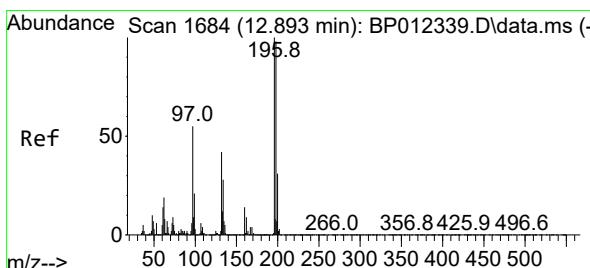
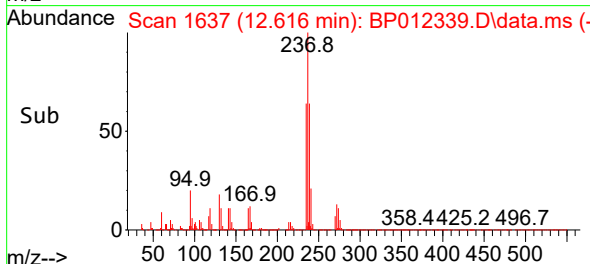
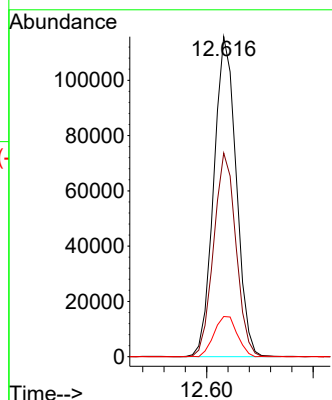
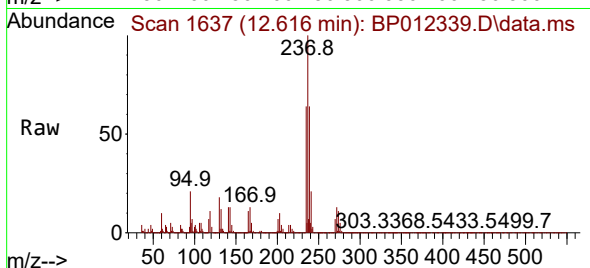
Tgt Ion:237 Resp: 169184

Ion Ratio Lower Upper

237 100

235 63.6 50.1 75.1

272 12.5 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 22.143 ng/ul

RT: 12.893 min Scan# 1684

Delta R.T. -0.005 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

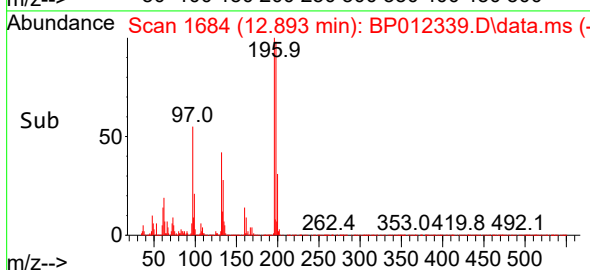
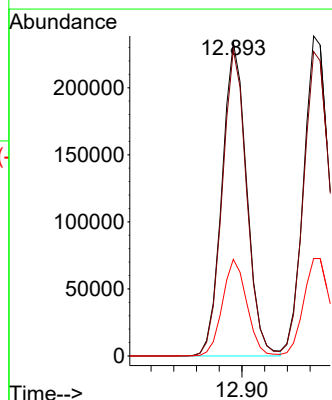
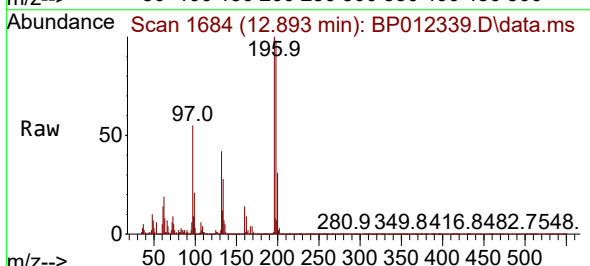
Tgt Ion:196 Resp: 352734

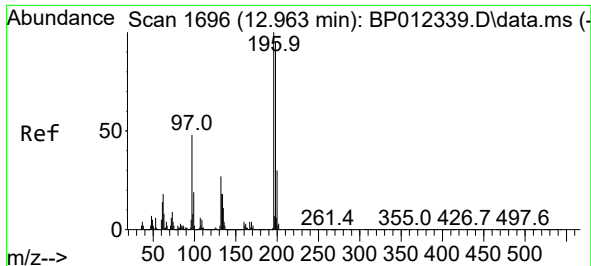
Ion Ratio Lower Upper

196 100

198 97.6 77.2 115.8

200 30.8 25.1 37.7

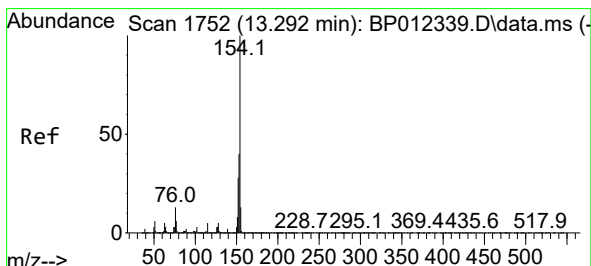
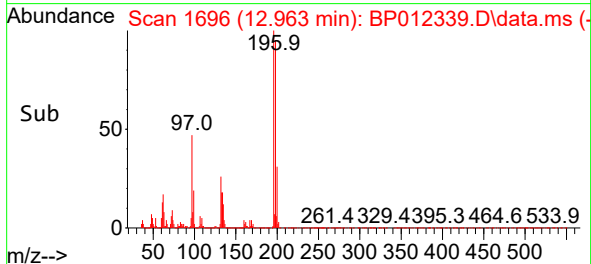
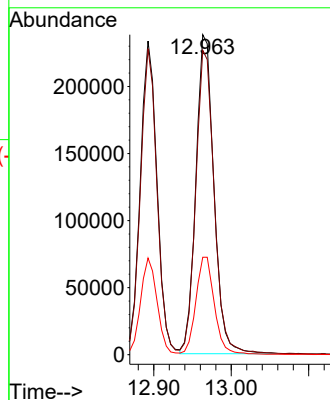
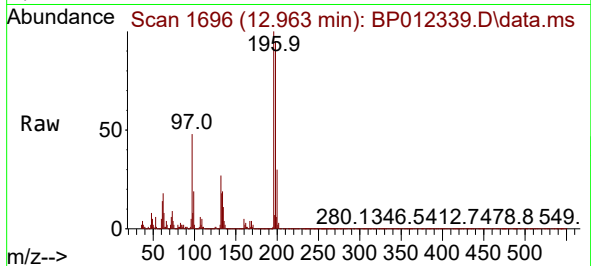




#42
2,4,5-Trichlorophenol
Concen: 22.173 ng/ul
RT: 12.963 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

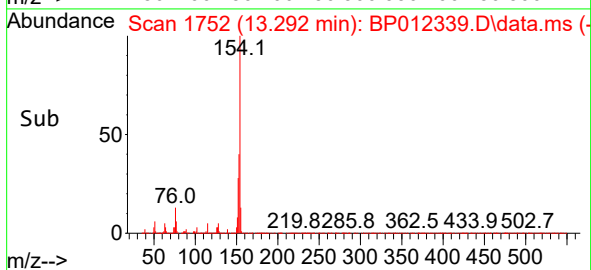
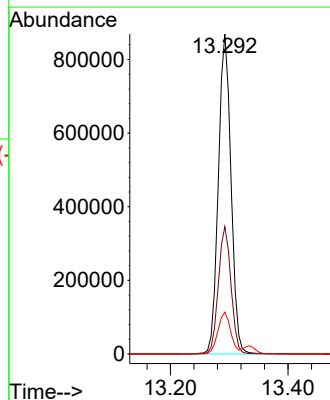
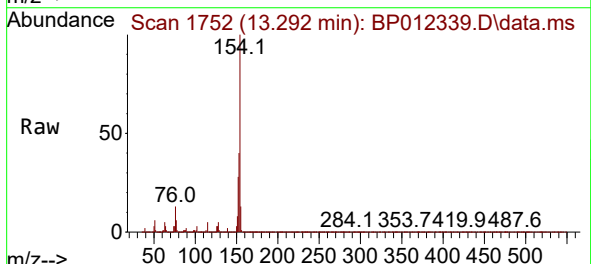
Instrument :
BNA_P
ClientSampleId :

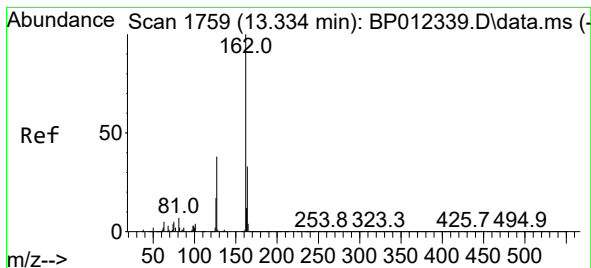
Tgt Ion:196 Resp: 385241
Ion Ratio Lower Upper
196 100
198 95.1 77.8 116.8
200 30.5 25.0 37.4



#43
1,1'-Biphenyl
Concen: 20.820 ng/ul
RT: 13.292 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:154 Resp: 1298839
Ion Ratio Lower Upper
154 100
153 39.8 31.9 47.9
76 13.0 10.6 16.0

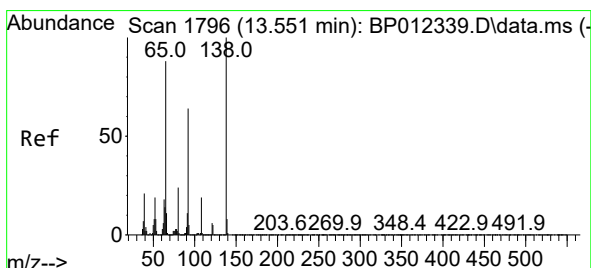
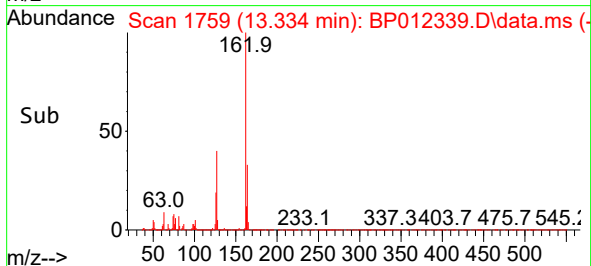
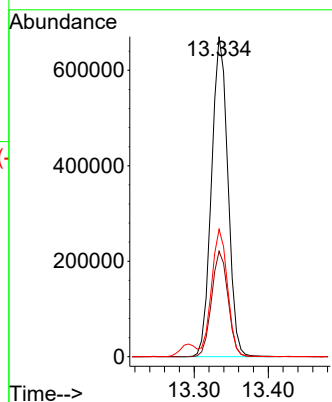
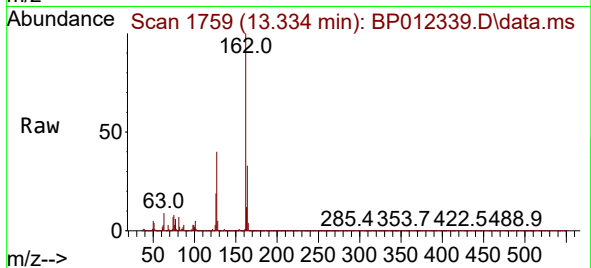




#44
2-Chloronaphthalene
Concen: 20.967 ng/ul
RT: 13.334 min Scan# 1759
Delta R.T. -0.005 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

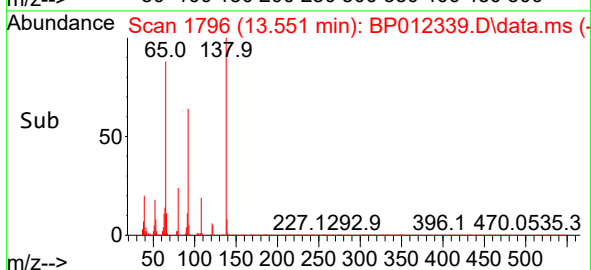
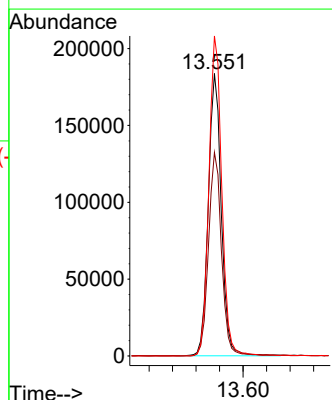
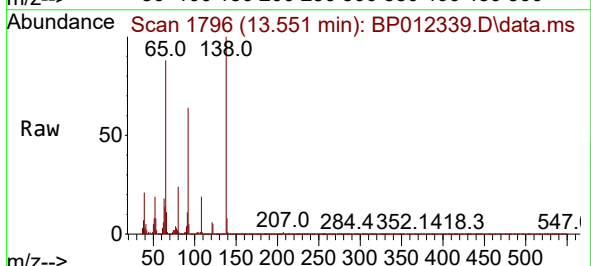
Instrument :
BNA_P
ClientSampleId :

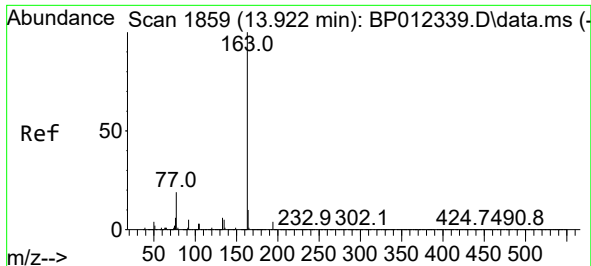
Tgt Ion:162 Resp: 1027866
Ion Ratio Lower Upper
162 100
164 32.9 26.6 39.8
127 39.8 30.9 46.3



#45
2-Nitroaniline
Concen: 24.932 ng/ul
RT: 13.551 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion: 65 Resp: 283278
Ion Ratio Lower Upper
65 100
92 72.1 58.5 87.7
138 113.3 91.1 136.7

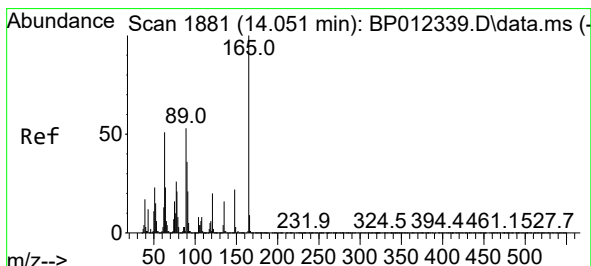
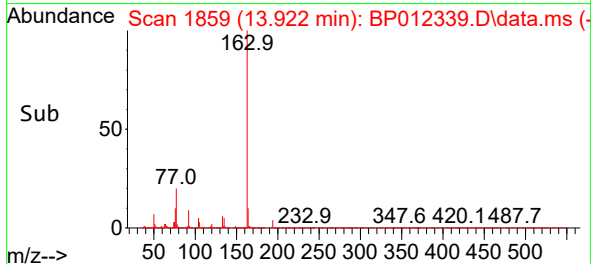
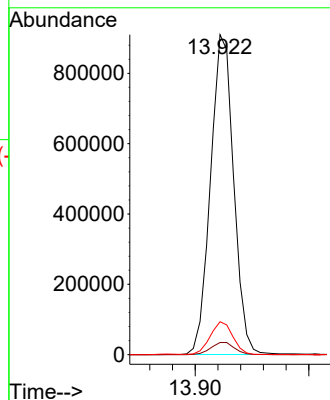
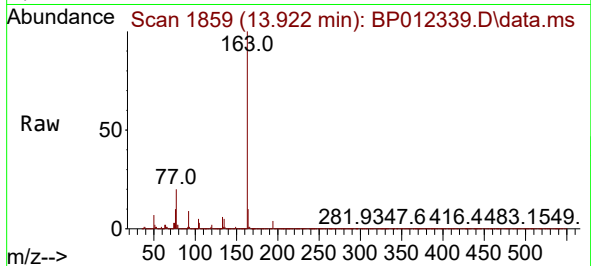




#47
Dimethylphthalate
Concen: 21.048 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

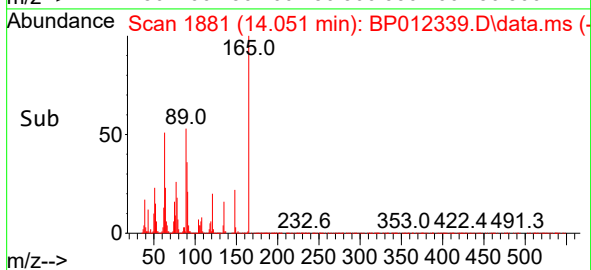
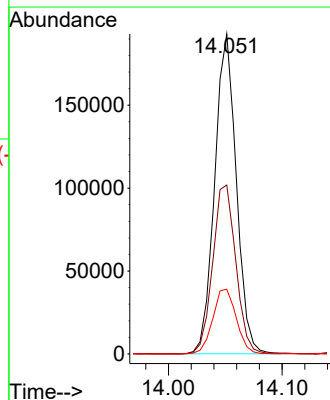
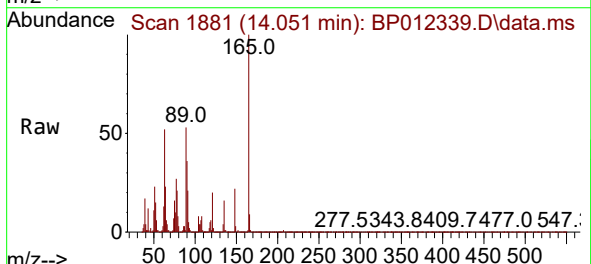
Instrument :
BNA_P
ClientSampleId :

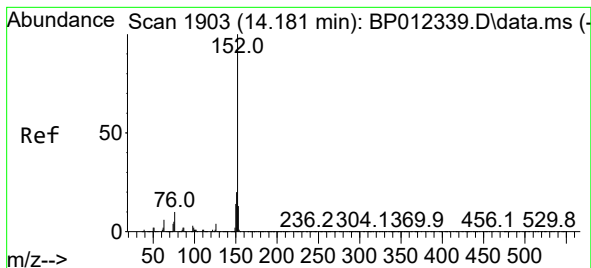
Tgt Ion:163 Resp: 1287938
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 25.116 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:165 Resp: 255186
Ion Ratio Lower Upper
165 100
89 52.8 43.4 65.2
121 20.3 17.1 25.7





#50

Acenaphthylene

Concen: 21.518 ng/ul

RT: 14.181 min Scan# 1903

Delta R.T. -0.005 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

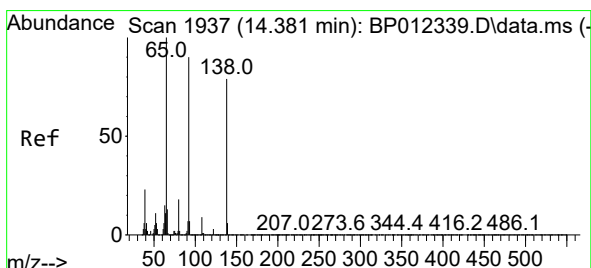
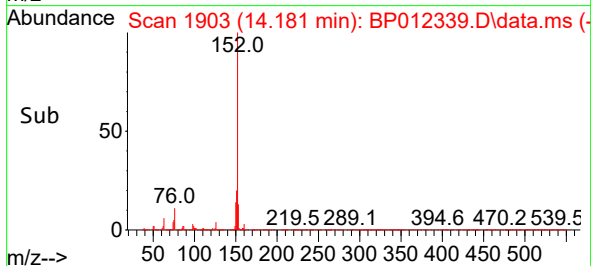
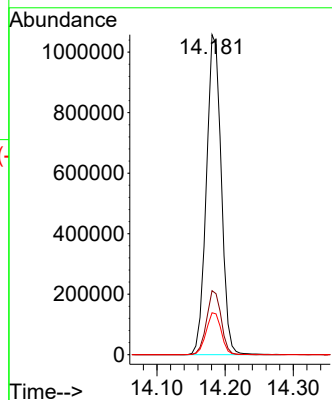
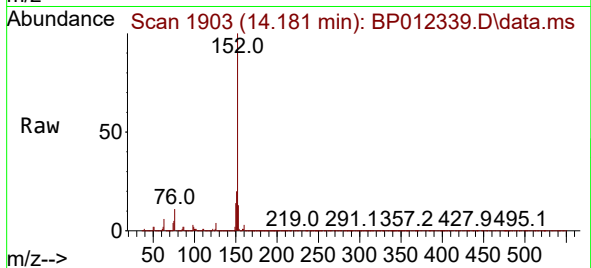
Tgt Ion:152 Resp: 1601636

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.1 10.8 16.2



#51

3-Nitroaniline

Concen: 22.704 ng/ul

RT: 14.381 min Scan# 1937

Delta R.T. -0.005 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

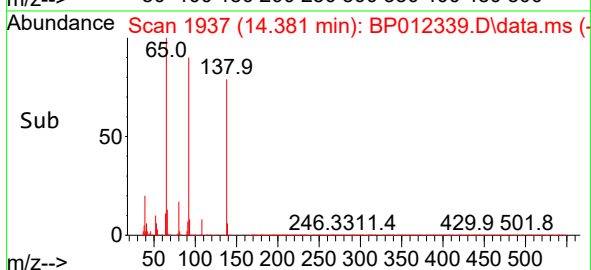
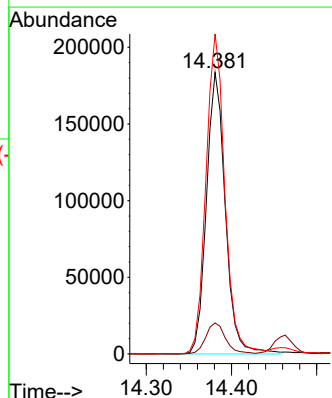
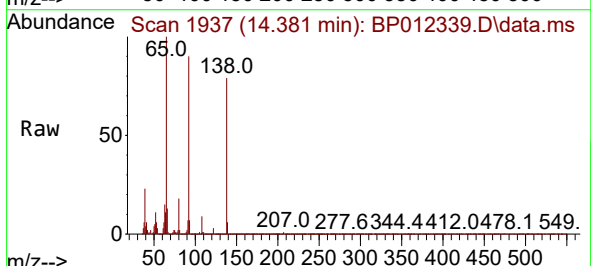
Tgt Ion:138 Resp: 282459

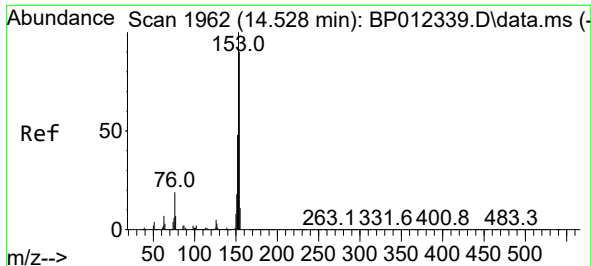
Ion Ratio Lower Upper

138 100

108 11.1 8.3 12.5

92 113.7 90.6 135.8

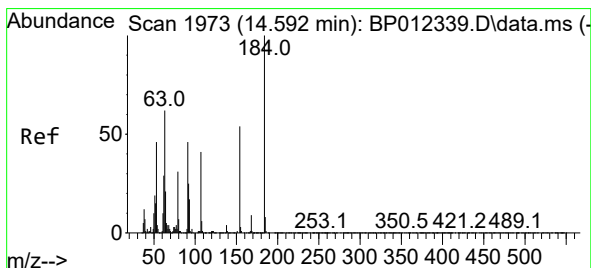
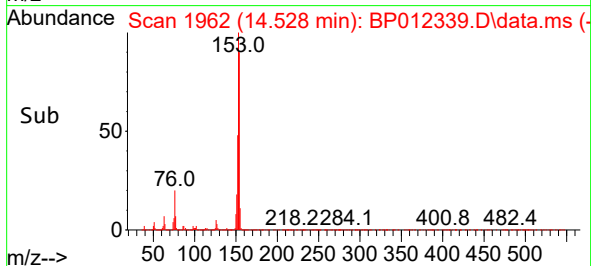
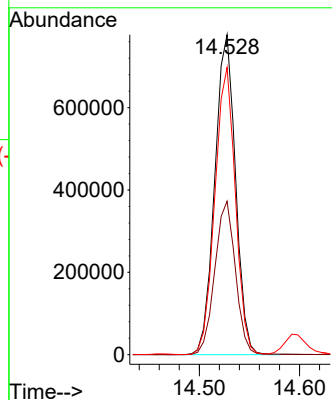
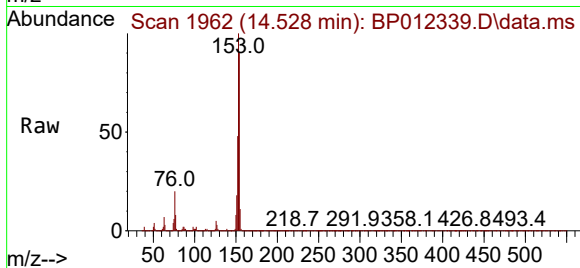




#52
Acenaphthene
Concen: 21.359 ng/ul
RT: 14.528 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

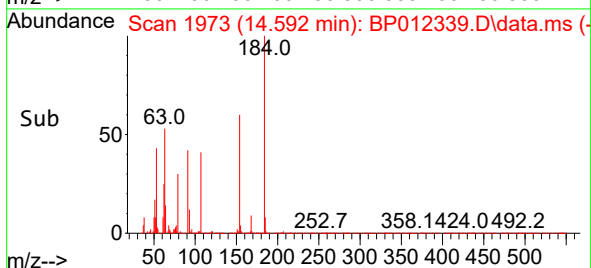
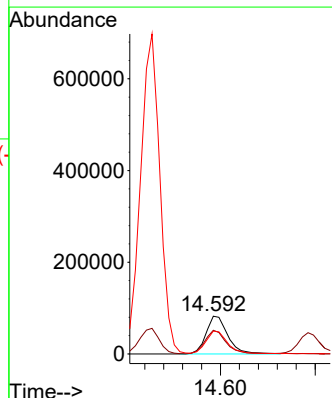
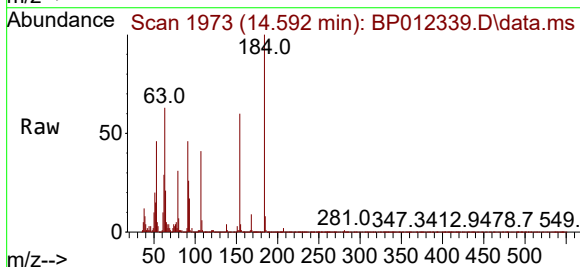
Instrument :
BNA_P
ClientSampleId :

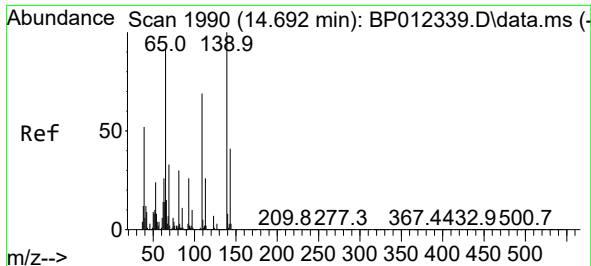
Tgt Ion:153 Resp: 1117303
Ion Ratio Lower Upper
153 100
152 47.9 38.6 58.0
154 89.8 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 19.149 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:184 Resp: 131394
Ion Ratio Lower Upper
184 100
63 62.9 47.9 71.9
154 60.4 46.9 70.3

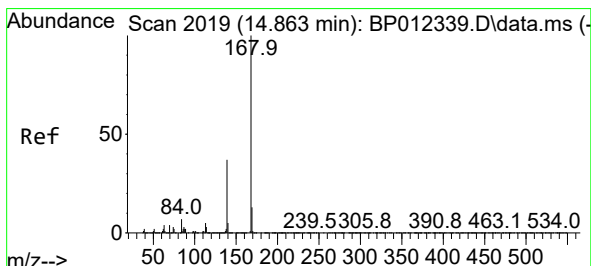
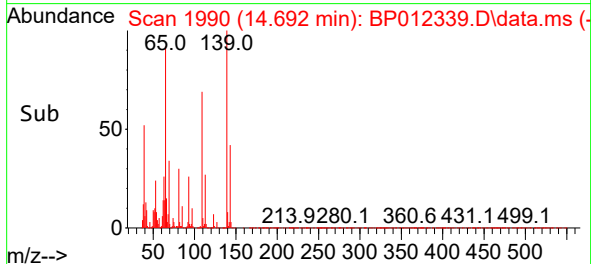
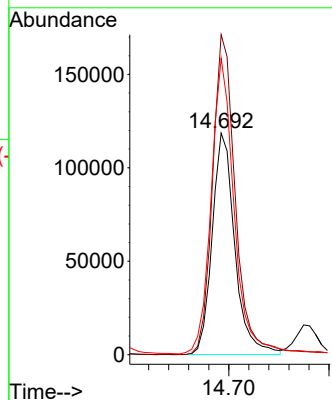
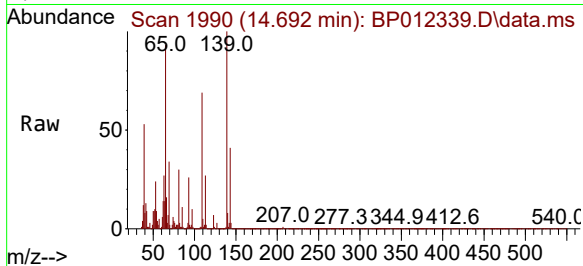




#55
4-Nitrophenol
Concen: 22.281 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

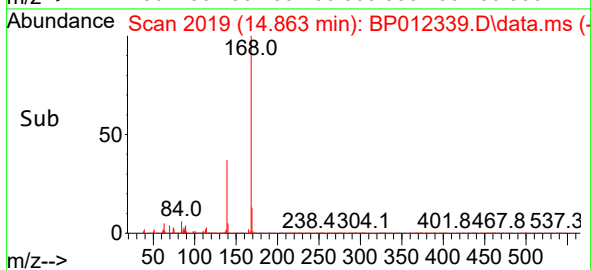
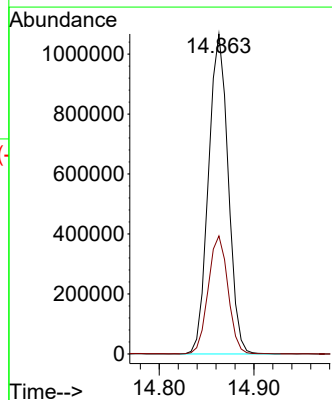
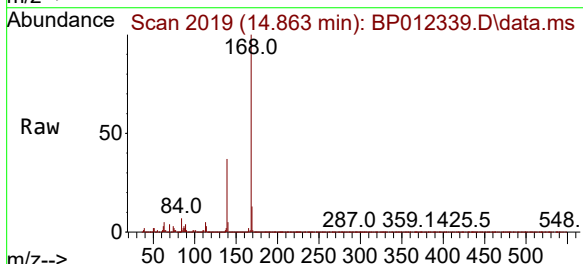
Instrument :
BNA_P
ClientSampleId :

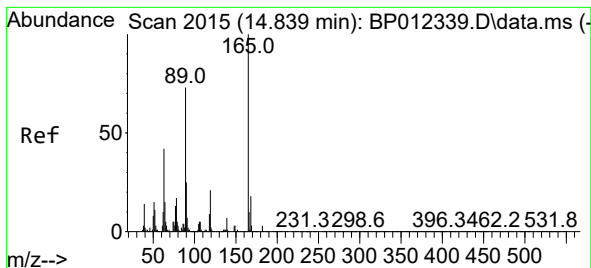
Tgt Ion:109 Resp: 185315
Ion Ratio Lower Upper
109 100
139 144.4 123.1 184.7
65 133.7 107.9 161.9



#56
Dibenzofuran
Concen: 21.534 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:168 Resp: 1537781
Ion Ratio Lower Upper
168 100
139 36.9 29.1 43.7

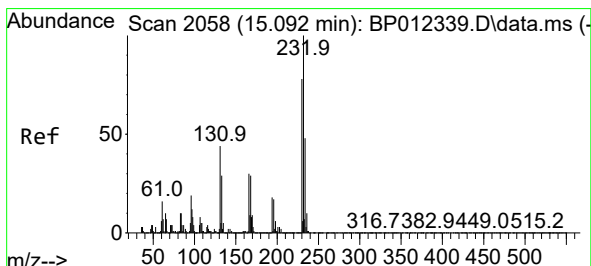
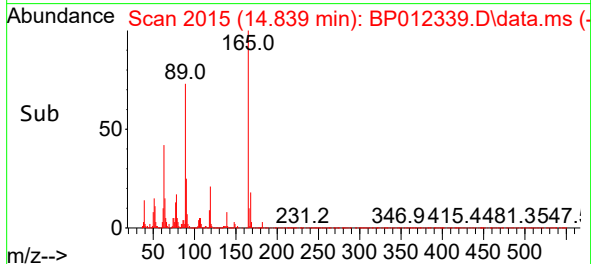
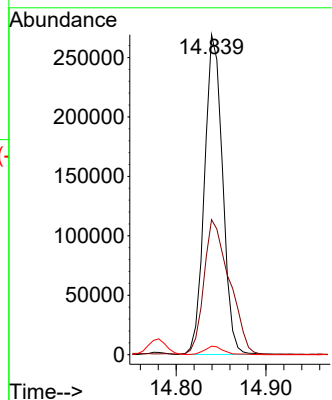
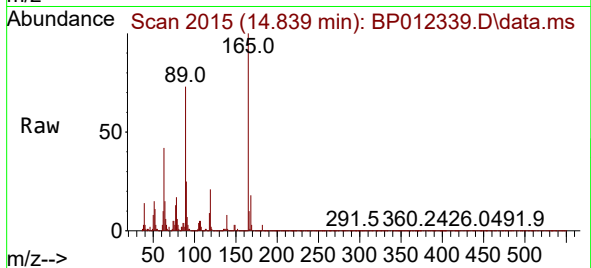




#57
2,4-Dinitrotoluene
Concen: 24.596 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

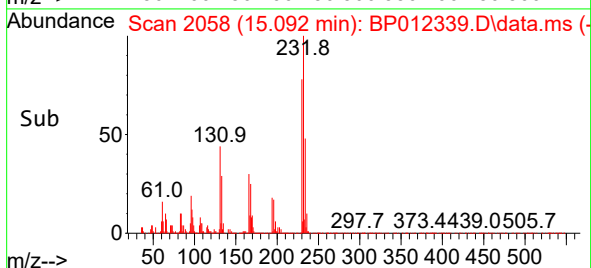
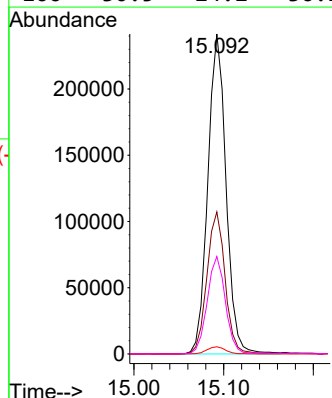
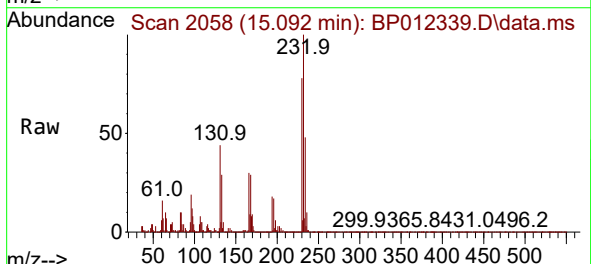
Instrument :
BNA_P
ClientSampleId :

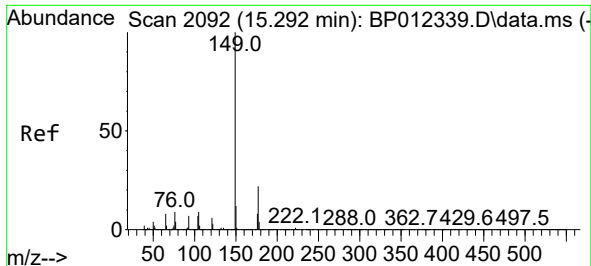
Tgt Ion:165 Resp: 376408
Ion Ratio Lower Upper
165 100
63 42.2 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.094 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:232 Resp: 340547
Ion Ratio Lower Upper
232 100
131 44.4 33.6 50.4
130 2.2 1.8 2.6
166 30.5 24.2 36.2

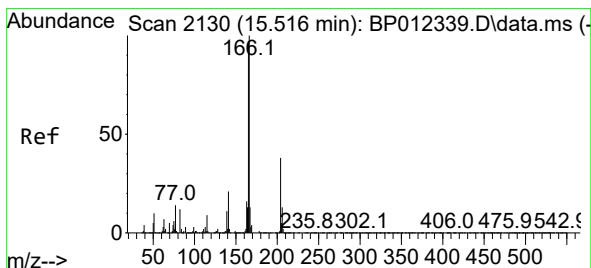
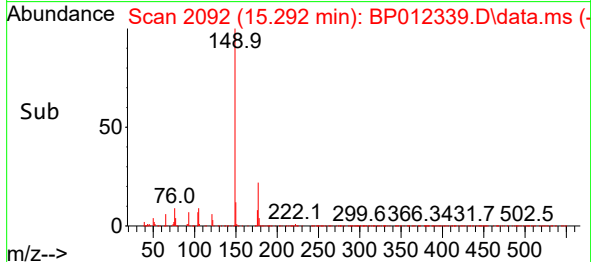
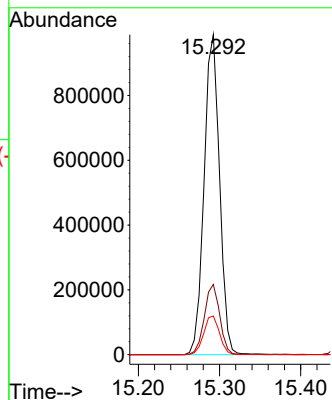
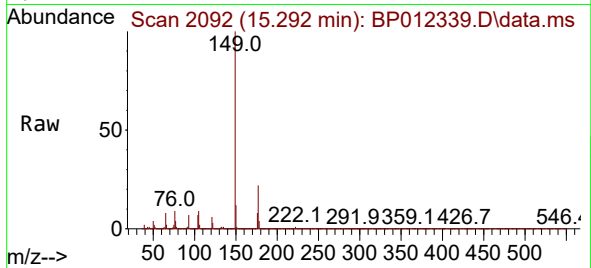




#59
Diethylphthalate
Concen: 21.919 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

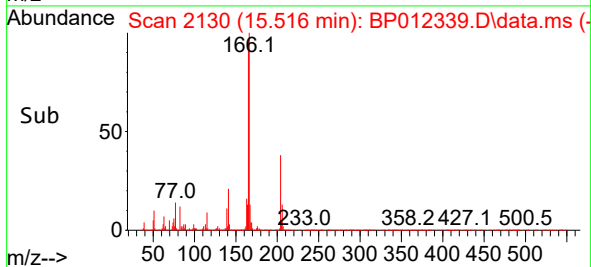
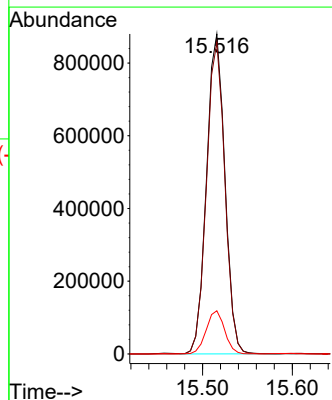
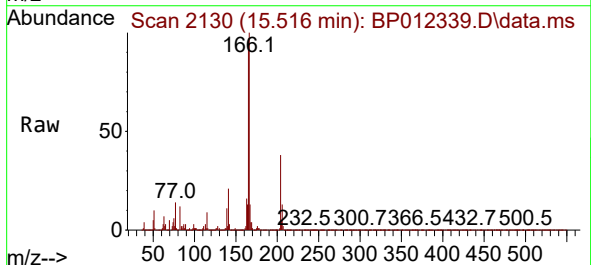
Instrument :
BNA_P
ClientSampleId :

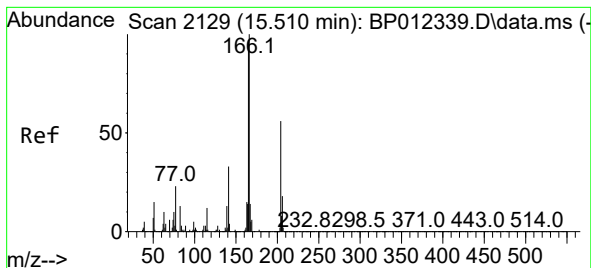
Tgt Ion:149 Resp: 1305092
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.2
150 12.1 9.8 14.6



#61
Fluorene
Concen: 22.042 ng/ul
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:166 Resp: 1250695
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 13.5 10.6 15.8

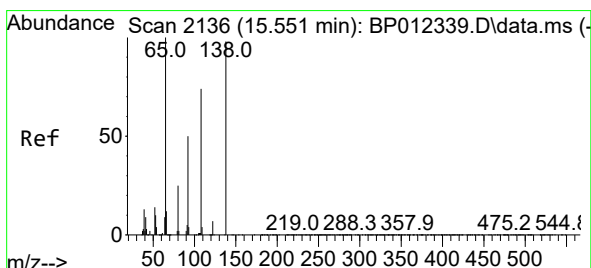
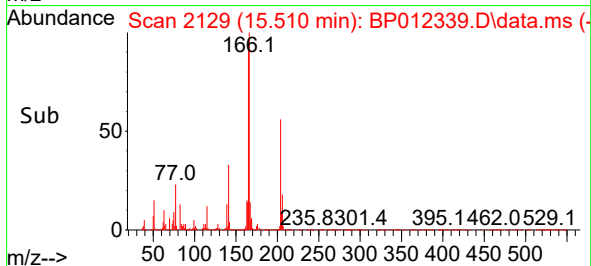
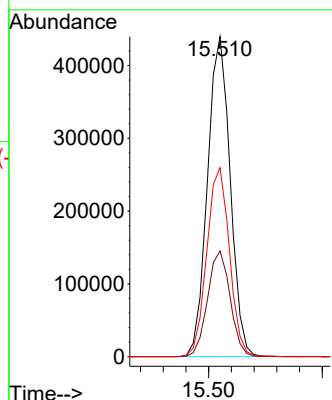
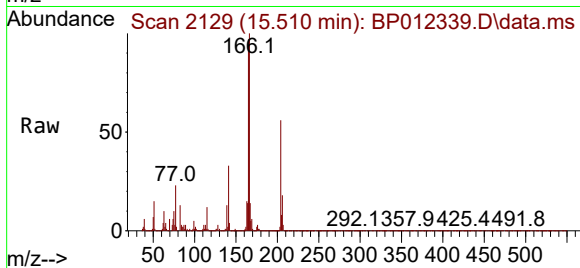




#62
4-Chlorophenyl-phenylether
Concen: 21.904 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

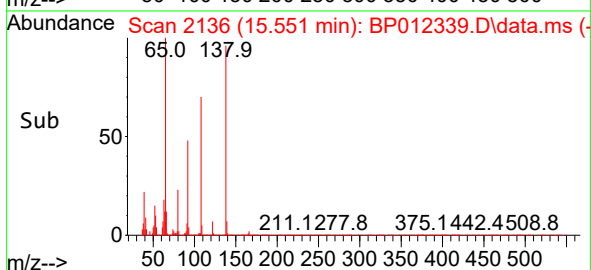
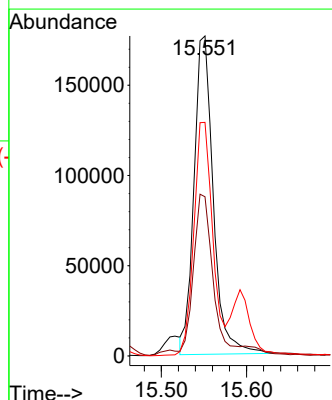
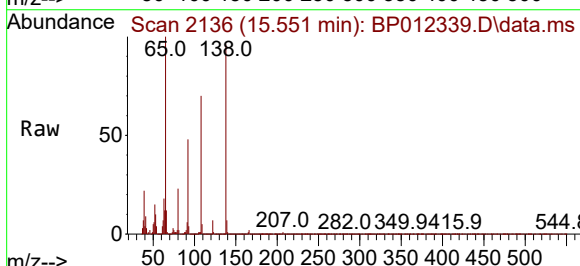
Instrument :
BNA_P
ClientSampleId :

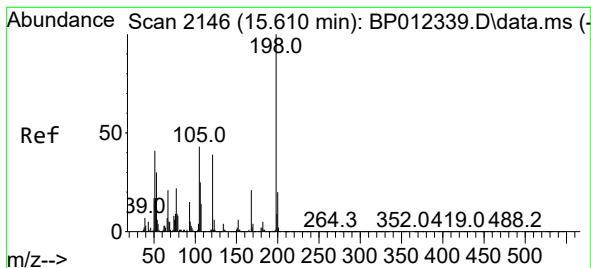
Tgt Ion:204 Resp: 609641
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 59.0 47.3 70.9



#63
4-Nitroaniline
Concen: 24.682 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:138 Resp: 277418
Ion Ratio Lower Upper
138 100
92 49.8 40.6 61.0
108 73.0 56.6 85.0

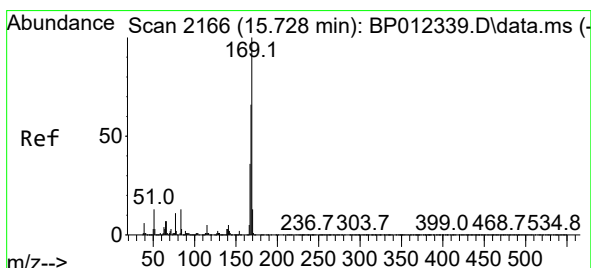
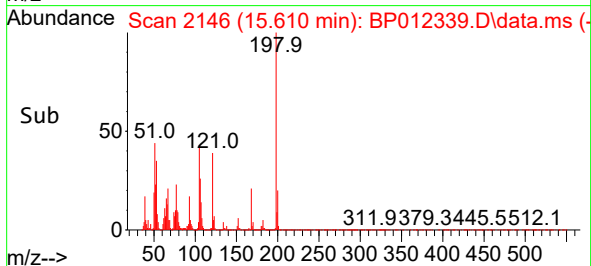
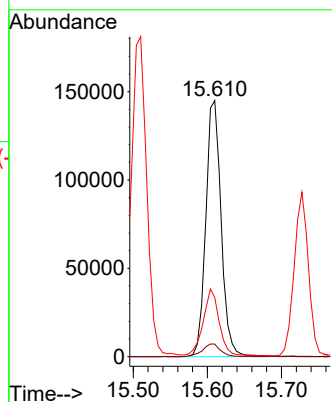
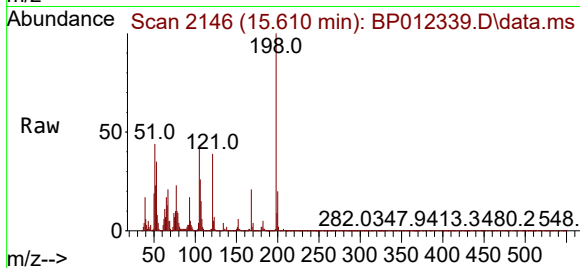




#66
4,6-Dinitro-2-methylphenol
Concen: 20.231 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

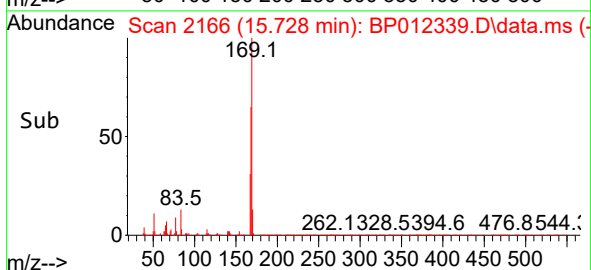
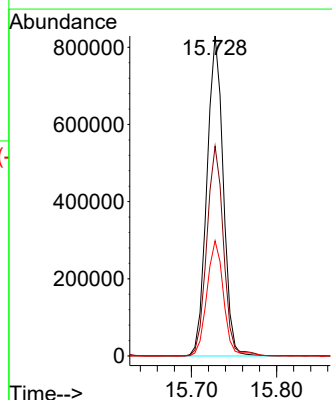
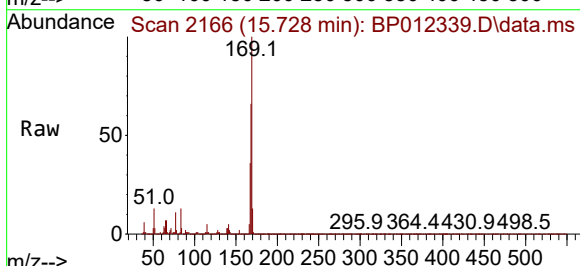
Instrument :
BNA_P
ClientSampleId :

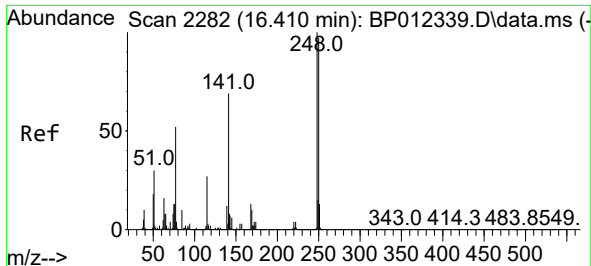
Tgt Ion:198 Resp: 208590
Ion Ratio Lower Upper
198 100
182 4.9 3.8 5.6
77 23.1 19.5 29.3



#67
N-Nitrosodiphenylamine
Concen: 21.063 ng/ul
RT: 15.728 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:169 Resp: 1102624
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 36.0 29.1 43.7

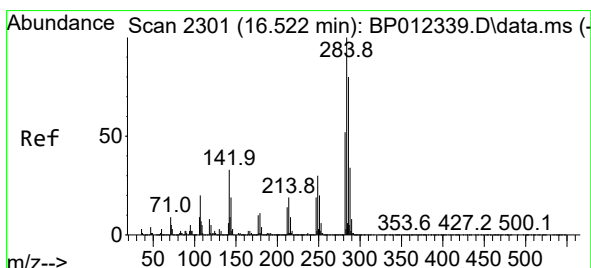
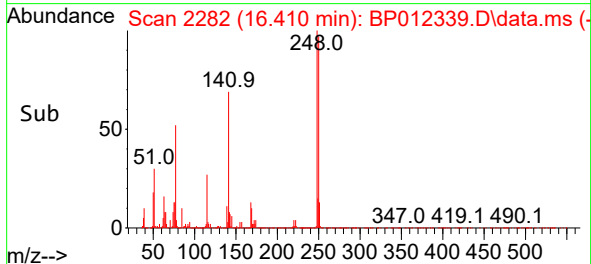
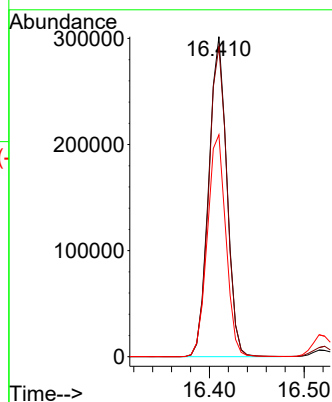
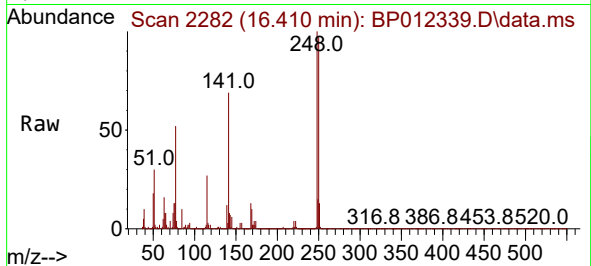




#68
4-Bromophenyl-phenylether
Concen: 21.360 ng/ul
RT: 16.410 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

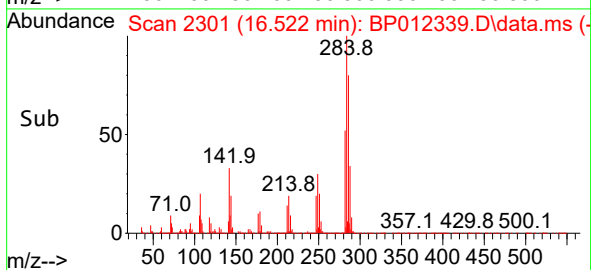
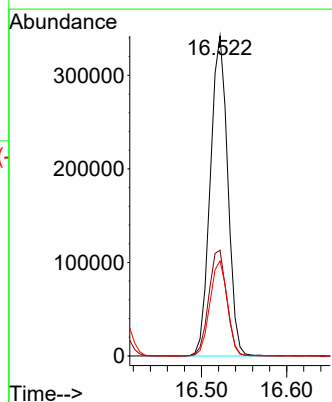
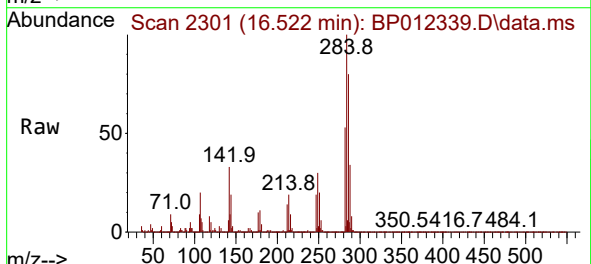
Instrument :
BNA_P
ClientSampleId :

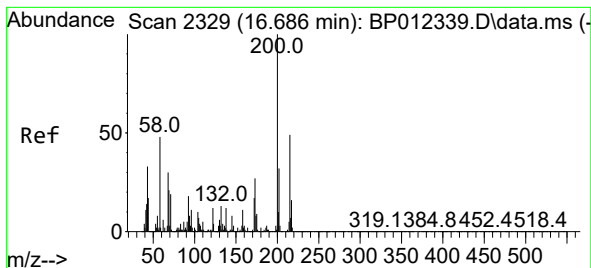
Tgt Ion:248 Resp: 398781
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.2
141 69.4 56.2 84.2



#69
Hexachlorobenzene
Concen: 21.670 ng/ul
RT: 16.522 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:284 Resp: 485227
Ion Ratio Lower Upper
284 100
142 33.1 27.1 40.7
249 29.7 24.5 36.7





#70

Atrazine

Concen: 21.838 ng/ul

RT: 16.686 min Scan# 2329

Delta R.T. -0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

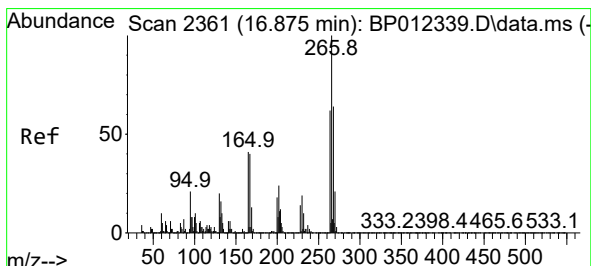
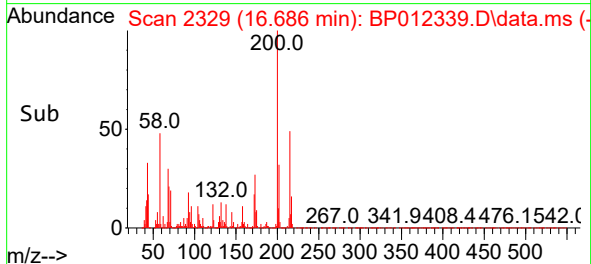
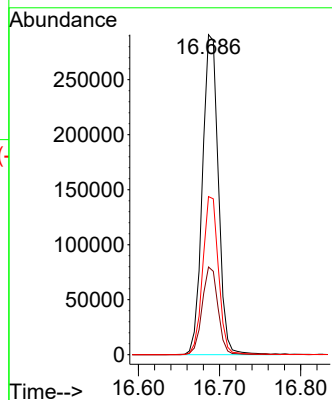
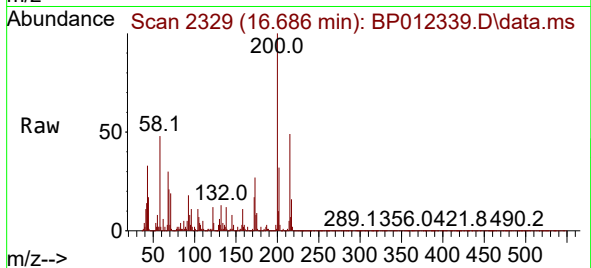
Tgt Ion:200 Resp: 396020

Ion Ratio Lower Upper

200 100

173 27.4 21.8 32.6

215 49.4 39.0 58.6



#71

Pentachlorophenol

Concen: 21.356 ng/ul

RT: 16.875 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

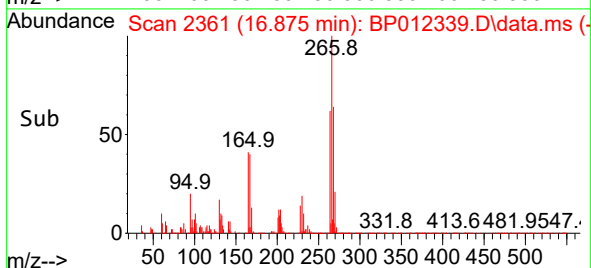
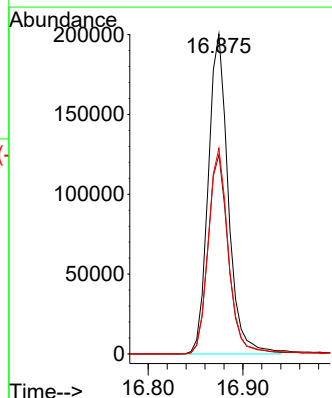
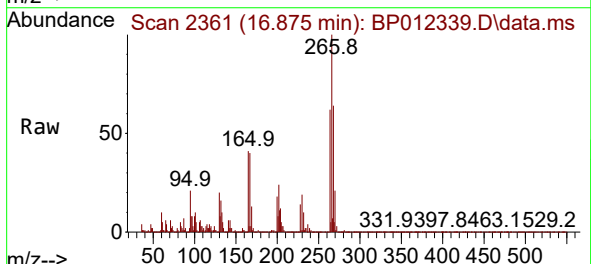
Tgt Ion:266 Resp: 293677

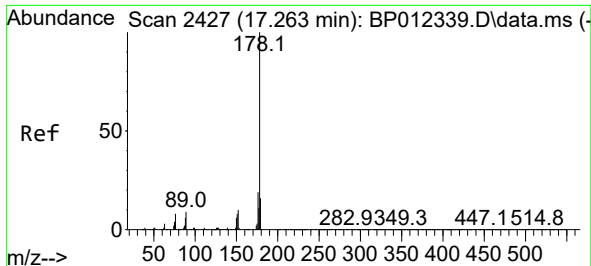
Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 64.3 51.4 77.0

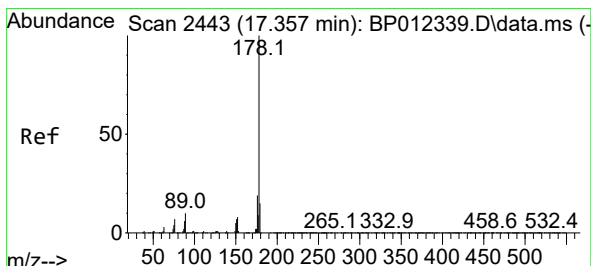
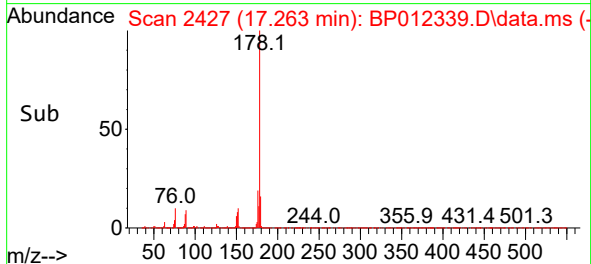
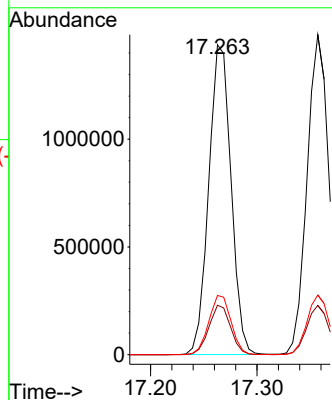
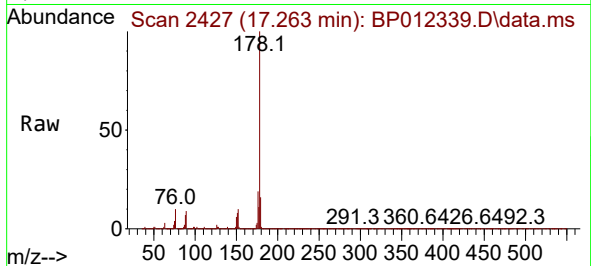




#72
Phenanthrene
Concen: 21.335 ng/ul
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

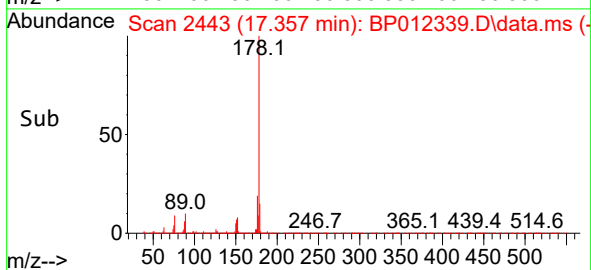
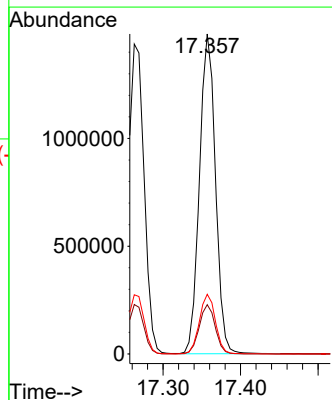
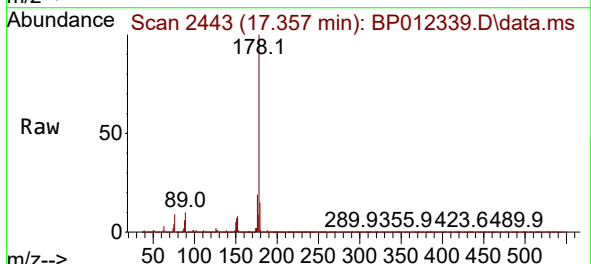
Instrument :
BNA_P
ClientSampleId :

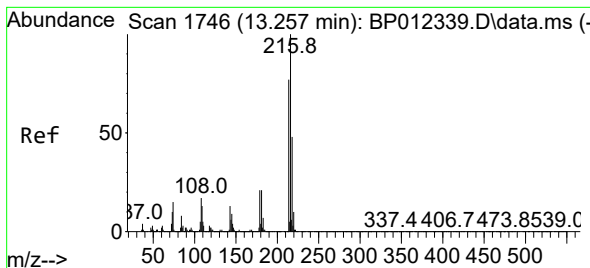
Tgt Ion:178 Resp: 2094927
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.1 15.8 23.6



#74
Anthracene
Concen: 21.821 ng/ul
RT: 17.357 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:178 Resp: 2128586
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.6 15.3 22.9

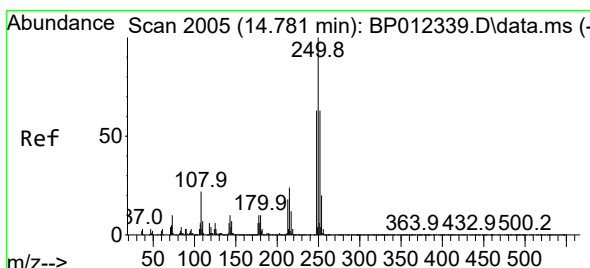
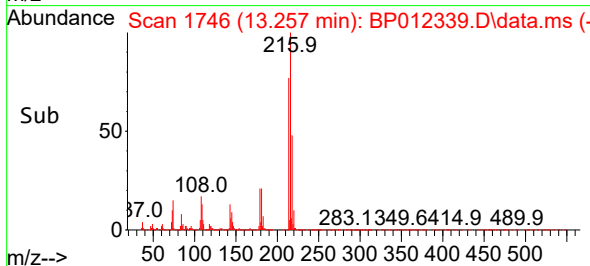
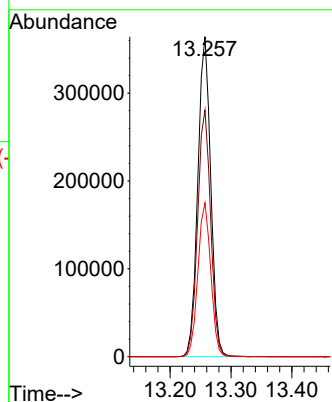
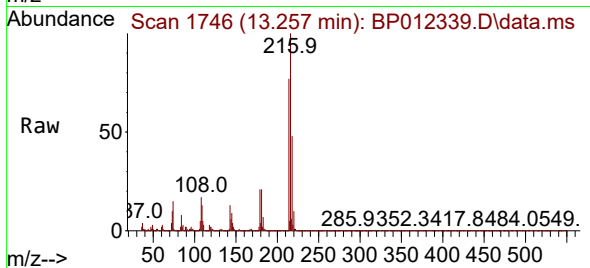




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.173 ng/uL
RT: 13.257 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

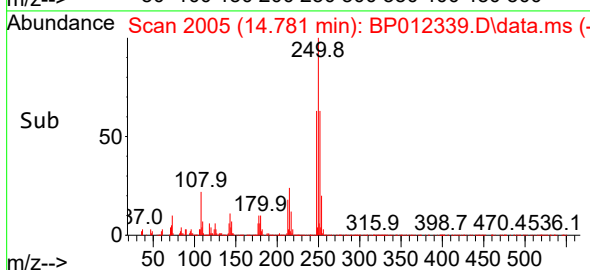
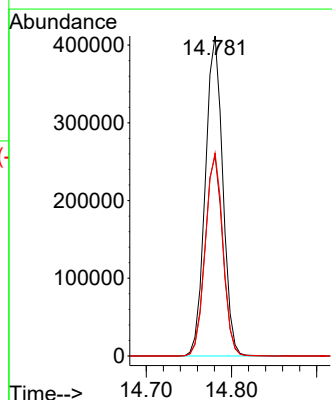
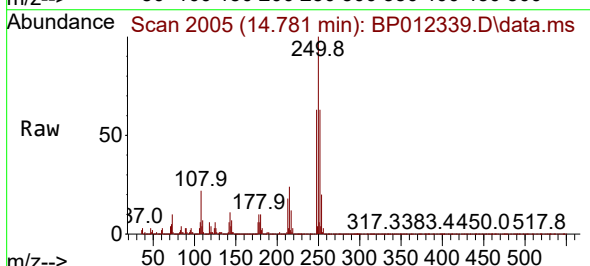
Instrument :
BNA_P
ClientSampleId :

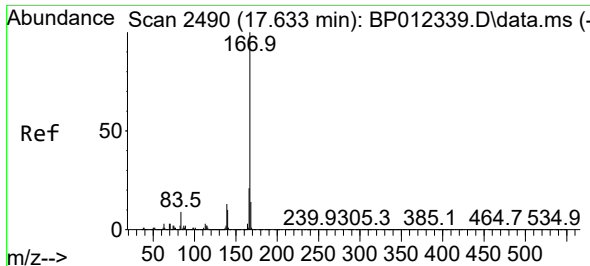
Tgt Ion:216 Resp: 536371
Ion Ratio Lower Upper
216 100
214 77.0 62.6 94.0
218 48.1 38.6 58.0



#76
Pentachlorobenzene
Concen: 20.807 ng/uL
RT: 14.781 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:250 Resp: 584191
Ion Ratio Lower Upper
250 100
248 62.5 50.6 75.8
252 63.5 50.7 76.1

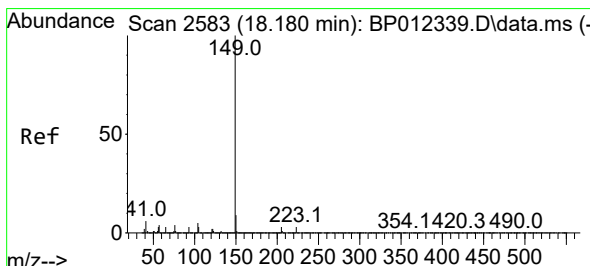
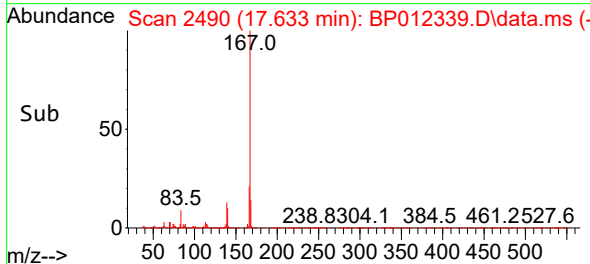
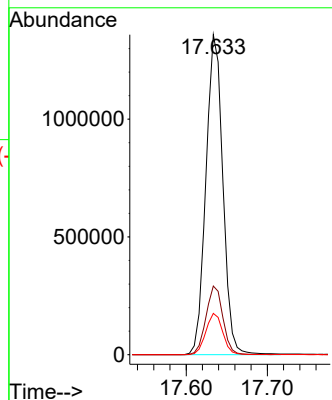
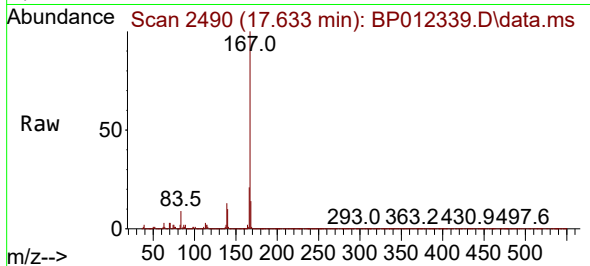




#77
Carbazole
Concen: 22.675 ng/ul
RT: 17.633 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

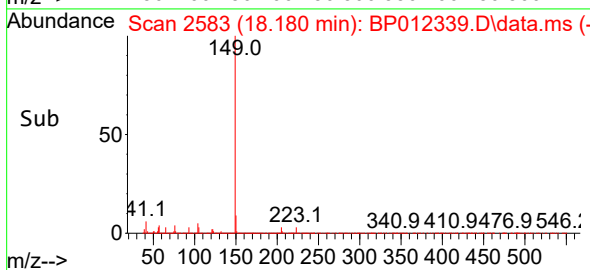
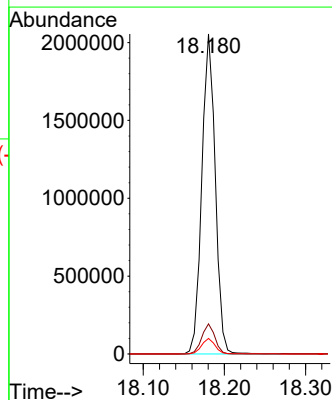
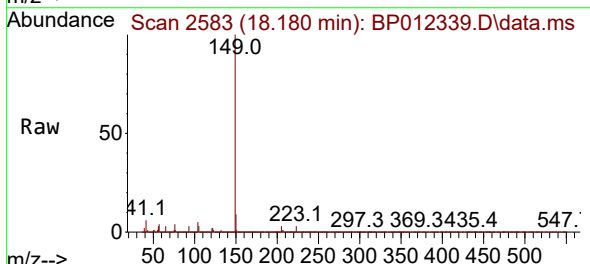
Instrument :
BNA_P
ClientSampleId :

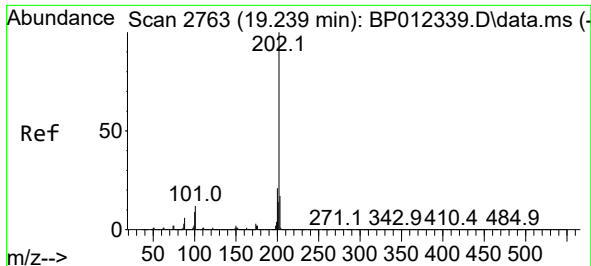
Tgt Ion:167 Resp: 1970038
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.9 10.4 15.6



#78
Di-n-butylphthalate
Concen: 23.365 ng/ul
RT: 18.180 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:149 Resp: 2358394
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.9 4.0 6.0

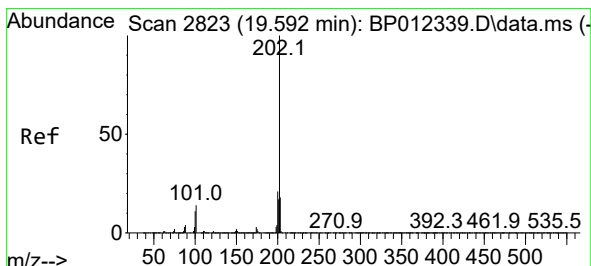
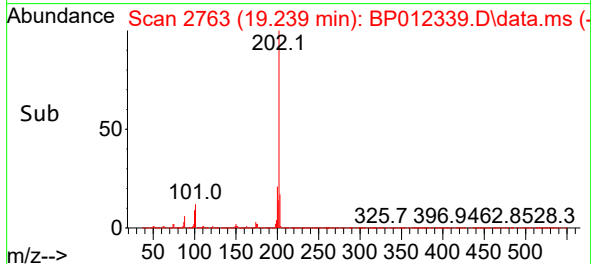
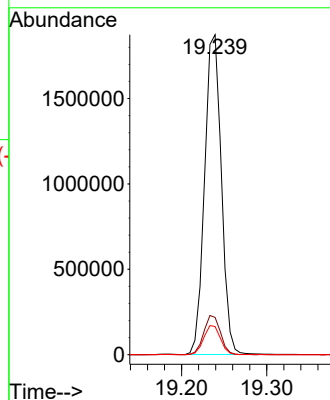
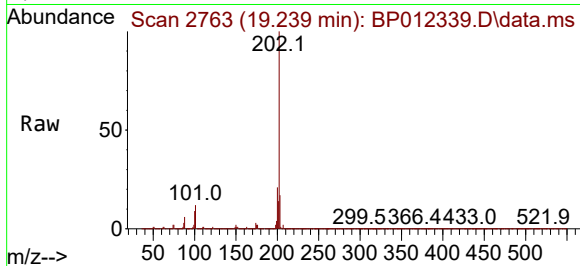




#80
Fluoranthene
Concen: 20.416 ng/ul
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

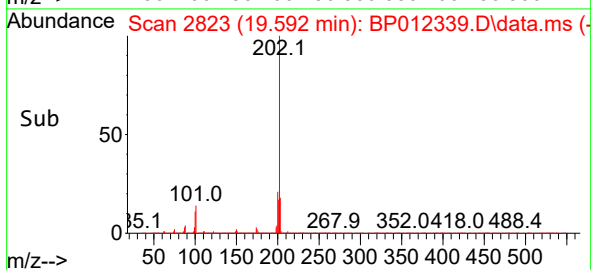
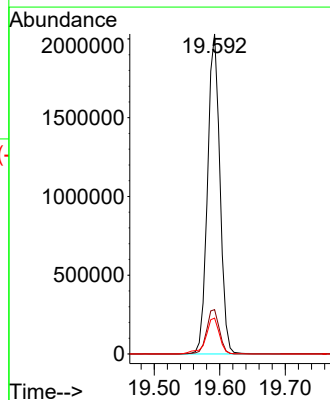
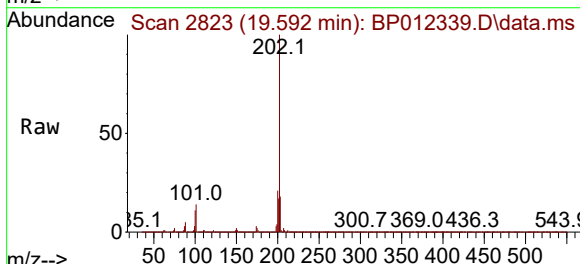
Instrument :
BNA_P
ClientSampleId :

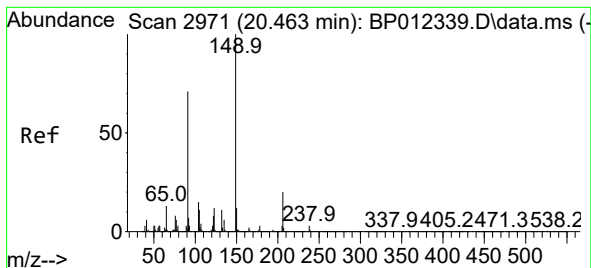
Tgt Ion:202 Resp: 2560706
Ion Ratio Lower Upper
202 100
101 11.7 9.9 14.9
100 8.8 7.4 11.2



#82
Pyrene
Concen: 20.502 ng/ul
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP012339.D
Acq: 27 Oct 2022 12:01

Tgt Ion:202 Resp: 2663477
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.2 9.3 13.9





#83

Butylbenzylphthalate

Concen: 23.807 ng/ul

RT: 20.463 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

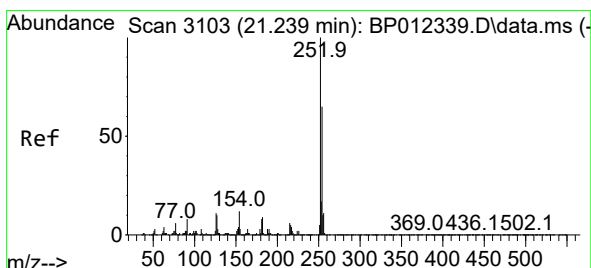
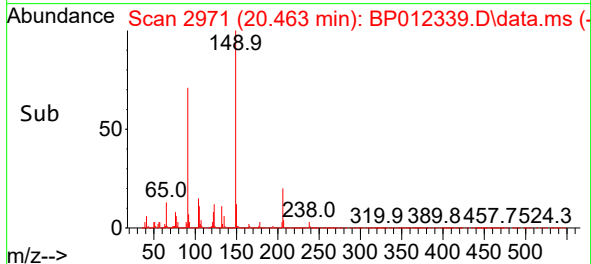
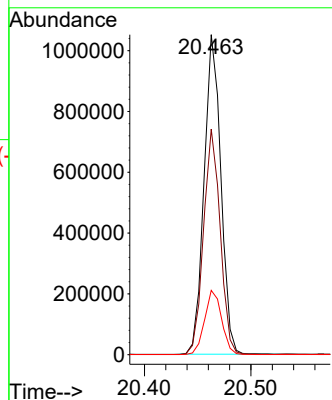
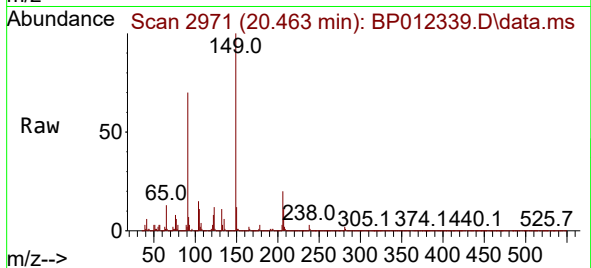
Tgt Ion:149 Resp: 1153099

Ion Ratio Lower Upper

149 100

91 70.5 56.9 85.3

206 20.1 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 20.722 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

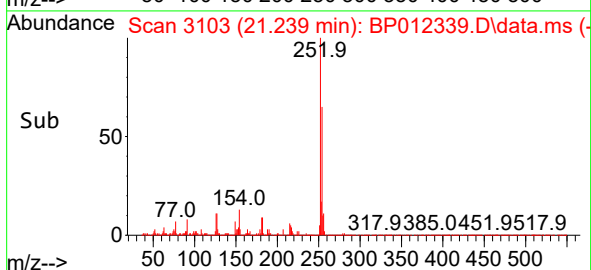
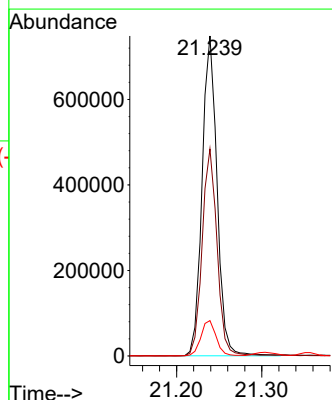
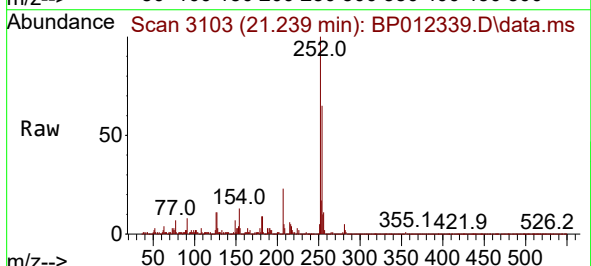
Tgt Ion:252 Resp: 910783

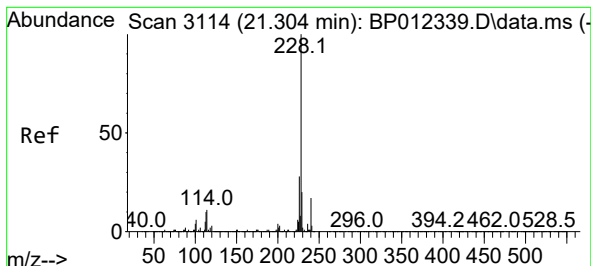
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.8

126 11.1 9.0 13.4





#85

Benzo(a)anthracene

Concen: 21.252 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

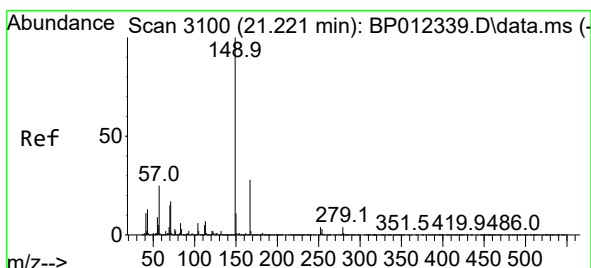
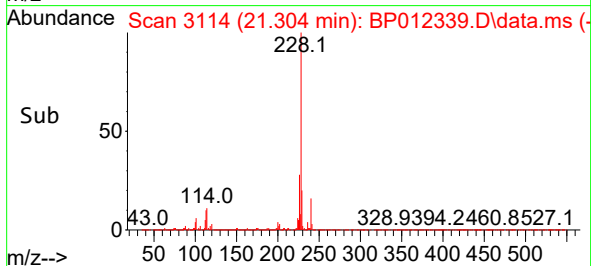
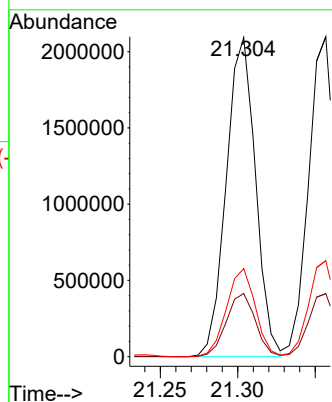
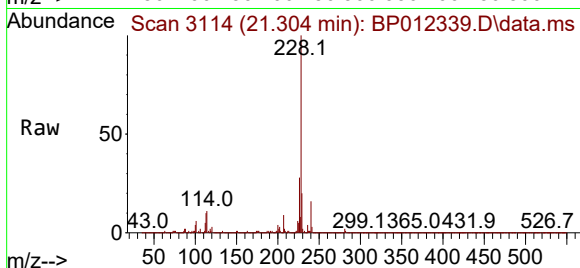
Tgt Ion:228 Resp: 2743385

Ion Ratio Lower Upper

228 100

229 19.8 16.2 24.2

226 27.6 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.161 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

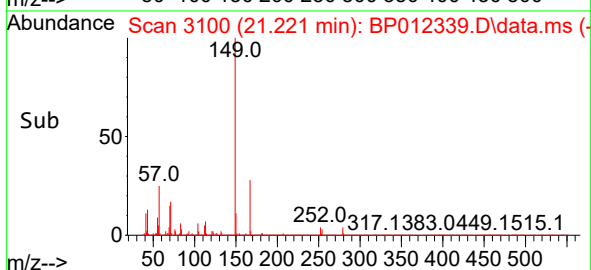
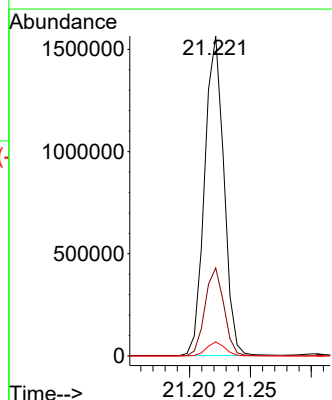
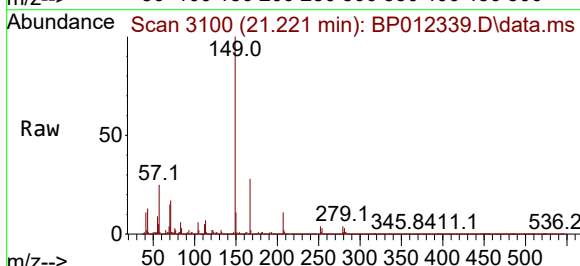
Tgt Ion:149 Resp: 1715359

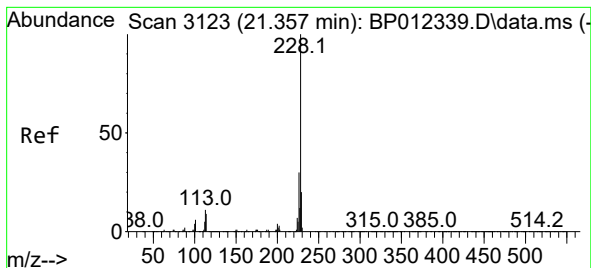
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.4 3.7 5.5





#87

Chrysene

Concen: 21.538 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

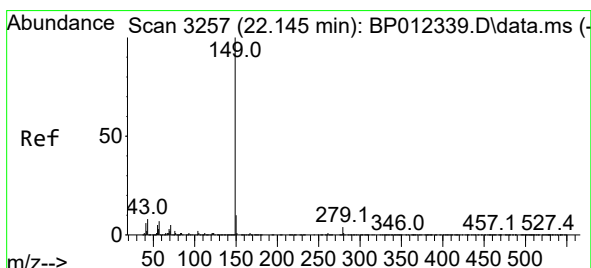
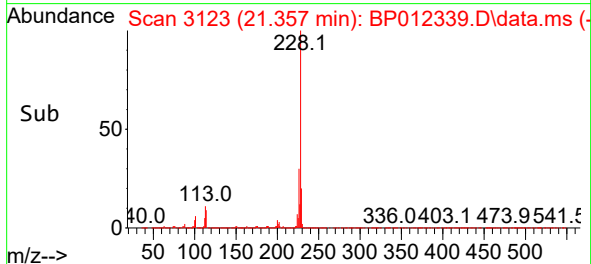
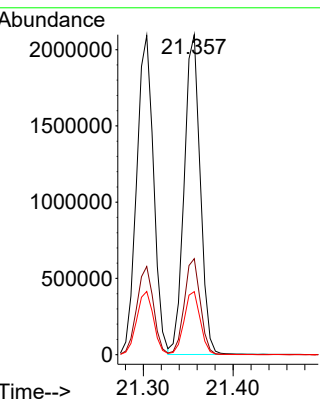
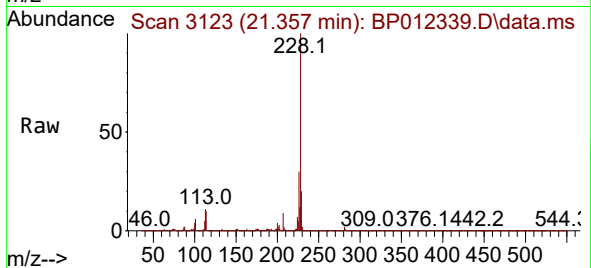
Tgt Ion:228 Resp: 2599121

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 19.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 24.021 ng/ul

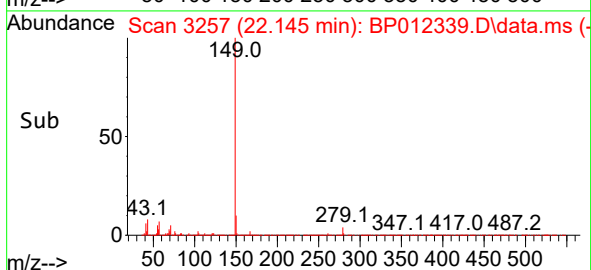
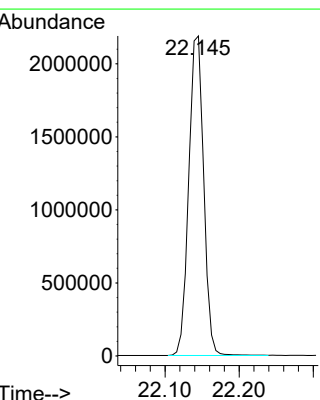
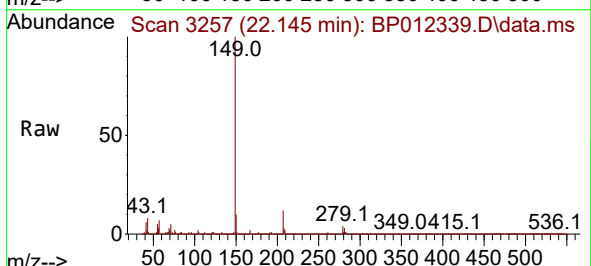
RT: 22.145 min Scan# 3257

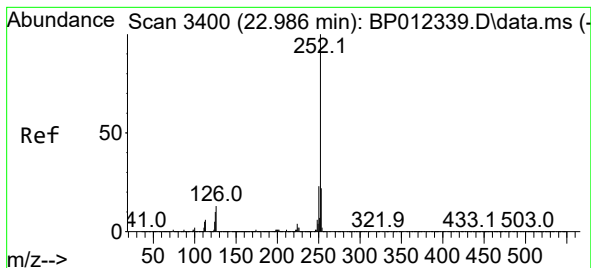
Delta R.T. 0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Tgt Ion:149 Resp: 3053850





#90

Benzo(b)fluoranthene

Concen: 22.088 ng/ul

RT: 22.986 min Scan# 3400

Delta R.T. 0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

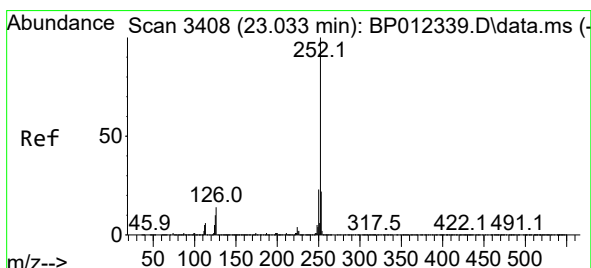
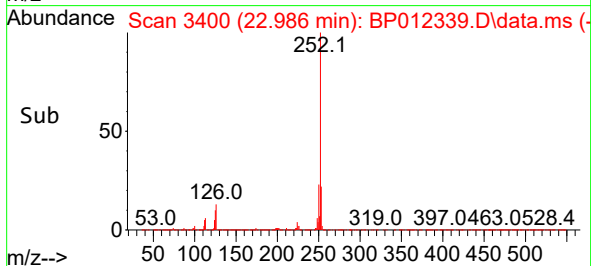
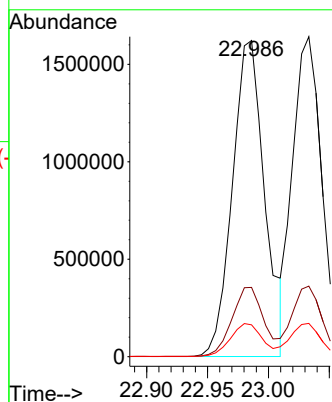
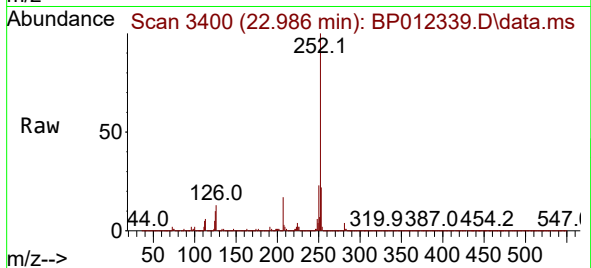
Tgt Ion:252 Resp: 2981242

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.1 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 21.303 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

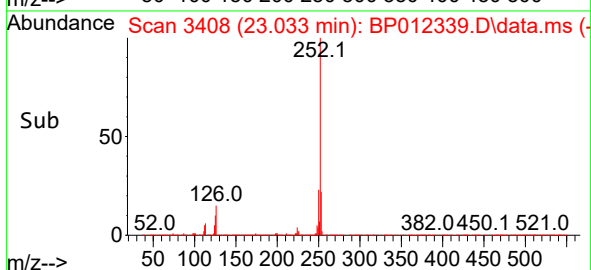
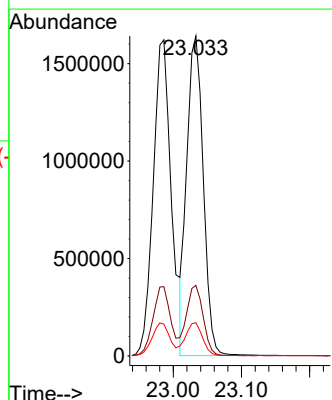
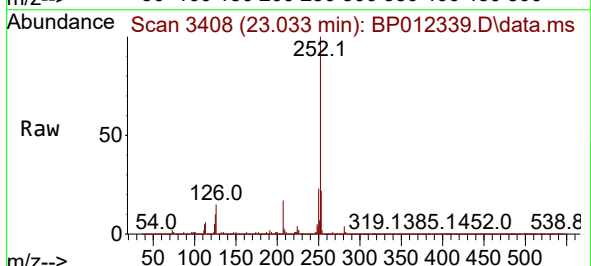
Tgt Ion:252 Resp: 2740161

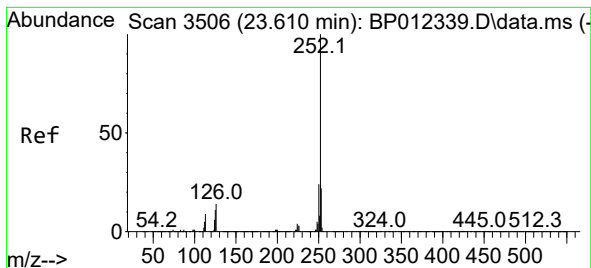
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.4 8.7 13.1





#93

Benzo(a)pyrene

Concen: 21.105 ng/ul

RT: 23.610 min Scan# 3506

Delta R.T. -0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

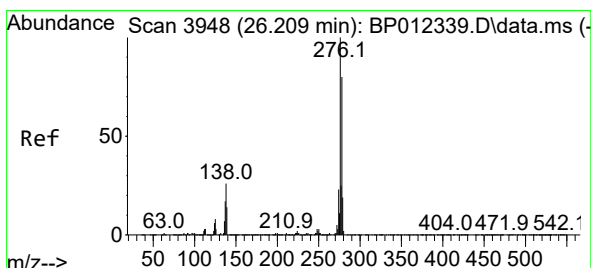
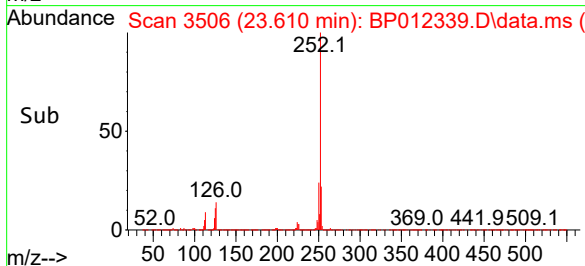
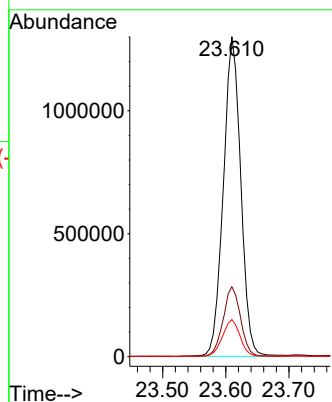
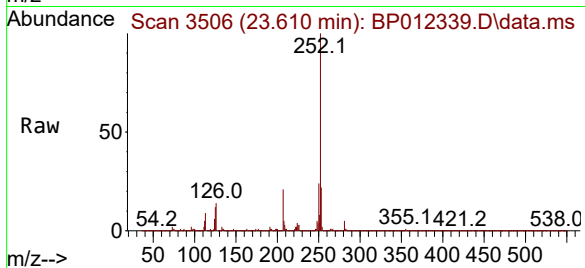
Tgt Ion:252 Resp: 2487529

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 11.6 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.617 ng/ul

RT: 26.209 min Scan# 3948

Delta R.T. 0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

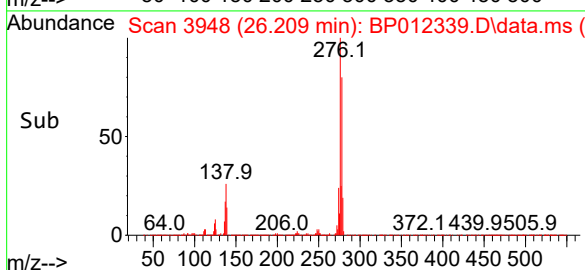
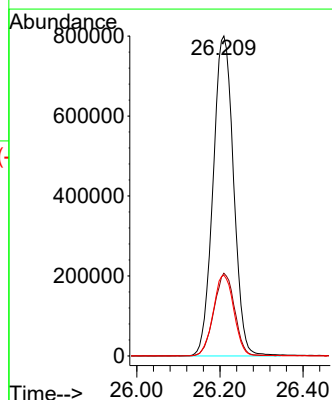
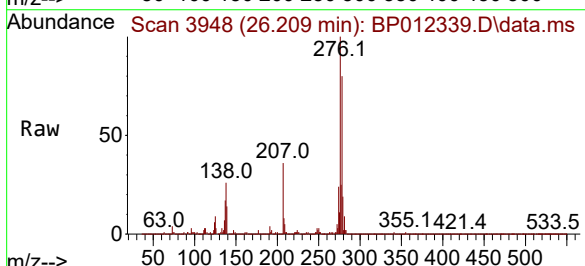
Tgt Ion:276 Resp: 2734300

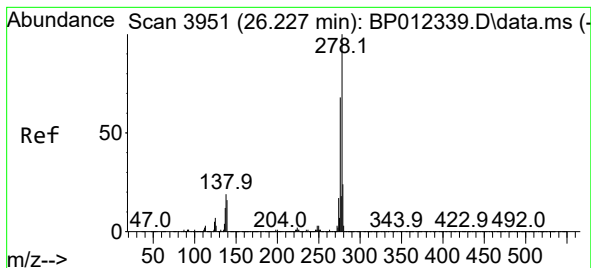
Ion Ratio Lower Upper

276 100

138 25.8 20.7 31.1

277 25.2 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 19.010 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Instrument :

BNA_P

ClientSampleId :

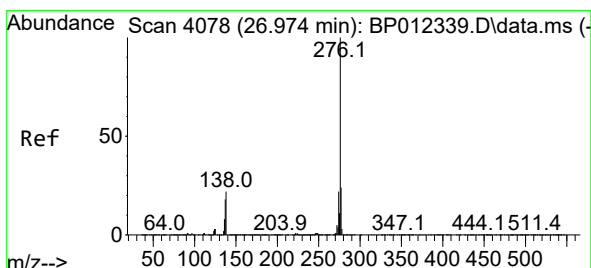
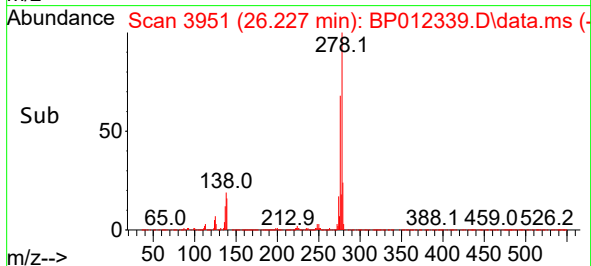
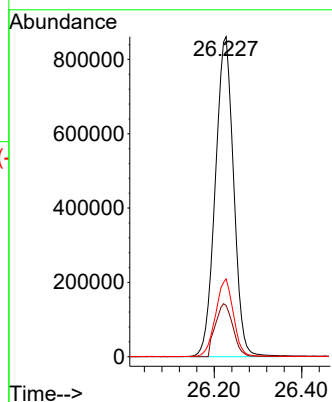
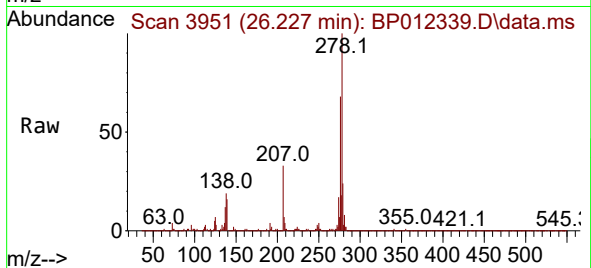
Tgt Ion:278 Resp: 2499907

Ion Ratio Lower Upper

278 100

139 16.0 13.2 19.8

279 24.3 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 18.313 ng/ul

RT: 26.974 min Scan# 4078

Delta R.T. 0.000 min

Lab File: BP012339.D

Acq: 27 Oct 2022 12:01

Tgt Ion:276 Resp: 2377607

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.8

277 23.8 19.5 29.3

