

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
 Data File : BP015451.D
 Acq On : 09 Jun 2023 14:36
 Operator : MA/JU
 Sample : PB153326BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS326

Quant Time: Jun 09 22:57:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	120321	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.922	136	571463	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	387117	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	917697	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	918017	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1029357	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	21514	6.621	ng/uL	0.00
4) Pyridine-d5	3.846	84	277588	32.890	ng/u1	0.00
7) Phenol-d5	7.251	99	389511	35.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	240335	36.304	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	304352	37.870	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	335534	36.882	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	160537	35.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	184963	36.100	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	344916	36.904	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.063	131	441234	32.890	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1142676	37.432	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	1249241	37.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	200347	36.649	ng/u1	0.00
60) Fluorene-d10	15.733	176	948802	36.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	206292	35.484	ng/u1	0.00
73) Anthracene-d10	17.598	188	1542013	36.931	ng/u1	0.00
81) Pyrene-d10	19.815	212	1889763	38.462	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1975485	38.248	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	44098	12.848	ng/uL	91
5) Pyridine	3.869	79	291064	33.265	ng/u1	98
6) Benzaldehyde	7.228	77	206362	48.706	ng/u1	97
8) Phenol	7.275	94	418448	36.591	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.510	93	322637	35.683	ng/u1	100
12) 2-Chlorophenol	7.651	128	313357	36.904	ng/u1	98
13) 2-Methylphenol	8.540	108	322239	36.623	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.634	45	434918	36.298	ng/u1	97
16) Acetophenone	8.928	105	534432	36.810	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.916	70	285165	36.392	ng/u1	98
18) 4-Methylphenol	8.875	108	355848	36.758	ng/u1	98
19) Hexachloroethane	9.181	117	128455	35.799	ng/u1	98
22) Nitrobenzene	9.316	77	425772	35.785	ng/u1	98
23) Isophorone	9.845	82	838980	35.225	ng/u1	99
25) 2-Nitrophenol	10.034	139	198148	35.819	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	411442	35.072	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.328	93	485401	35.054	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	342098	36.814	ng/u1	99
30) Naphthalene	10.975	128	1074305	34.692	ng/u1	99
32) 4-Chloroaniline	11.087	127	347751	25.052	ng/u1	100
33) Hexachlorobutadiene	11.251	225	221942	35.414	ng/u1	97
34) Caprolactam	11.869	113	91334	26.109	ng/u1	92
35) 4-Chloro-3-methylphenol	12.204	107	418118	37.136	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	765016	35.141	ng/u1	100

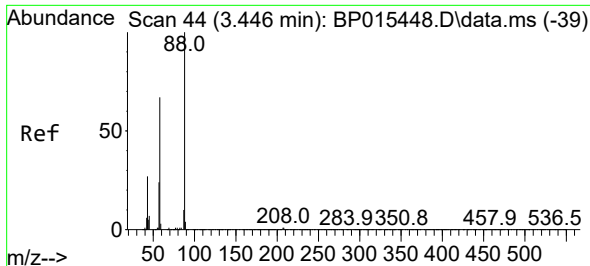
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	773269	35.279	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.939	216	442554	36.713	ng/ul	98
40) Hexachlorocyclopentadiene	12.910	237	200734	40.624	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	301549	37.585	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	328506	37.574	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	1076584	35.961	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	846986	36.060	ng/ul	99
45) 2-Nitroaniline	13.828	65	300196	39.934	ng/ul	95
47) Dimethylphthalate	14.192	163	1147081	36.394	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	247889	38.388	ng/ul	99
50) Acenaphthylene	14.463	152	1335712	36.135	ng/ul	100
51) 3-Nitroaniline	14.651	138	243157	45.615	ng/ul	98
52) Acenaphthene	14.804	153	932138	36.480	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	131910	33.959	ng/ul	97
55) 4-Nitrophenol	14.957	109	199459	37.827	ng/ul	92
56) Dibenzofuran	15.139	168	1321640	36.494	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	362723	38.191	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	298407	37.802	ng/ul	99
59) Diethylphthalate	15.551	149	1211310	37.499	ng/ul	100
61) Fluorene	15.792	166	1084480	36.734	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	543788	36.548	ng/ul	99
63) 4-Nitroaniline	15.816	138	256960	50.819	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.875	198	212034	35.760	ng/ul	95
67) N-Nitrosodiphenylamine	15.992	169	946180	36.343	ng/ul	100
68) 4-Bromophenyl-phenylether	16.674	248	359597	36.627	ng/ul	97
69) Hexachlorobenzene	16.798	284	426391	36.818	ng/ul	98
70) Atrazine	16.945	200	170264	16.377	ng/ul	99
71) Pentachlorophenol	17.145	266	247892	37.871	ng/ul	97
72) Phenanthrene	17.539	178	1807672	36.706	ng/ul	99
74) Anthracene	17.633	178	1829862	36.621	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	458866	36.230	ng/ul	100
76) Pentachlorobenzene	15.057	250	464521	35.030	ng/ul	98
77) Carbazole	17.898	167	1687735	37.512	ng/ul	100
78) Di-n-butylphthalate	18.427	149	2178890	38.169	ng/ul	99
80) Fluoranthene	19.492	202	2270286	37.933	ng/ul	100
82) Pyrene	19.845	202	2341622	37.817	ng/ul	99
83) Butylbenzylphthalate	20.704	149	1078594	39.411	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	849715	39.178	ng/ul	99
85) Benzo(a)anthracene	21.562	228	2394257	37.307	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1619485	40.035	ng/ul	99
87) Chrysene	21.621	228	2252865	37.139	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2860823	42.287	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2501300	37.645	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	2440653	37.999	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2128179	36.737	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	2554759	34.076	ng/ul	99
95) Dibenzo(a,h)anthracene	26.850	278	2115031	34.628	ng/ul	100
96) Benzo(g,h,i)perylene	27.668	276	2041737	33.046	ng/ul	99

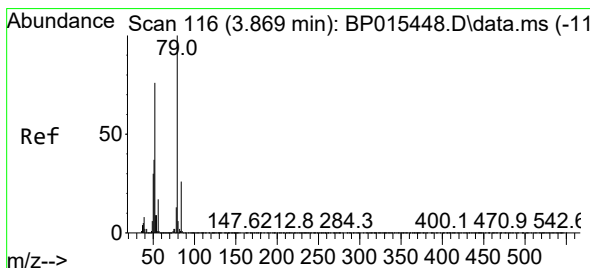
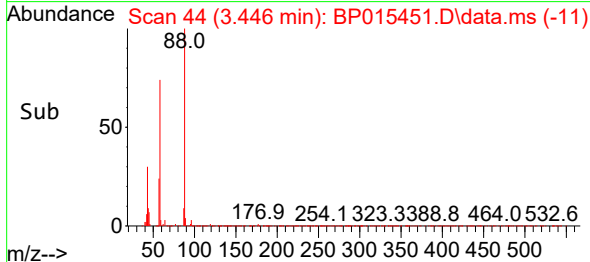
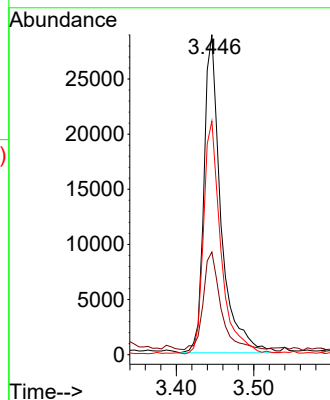
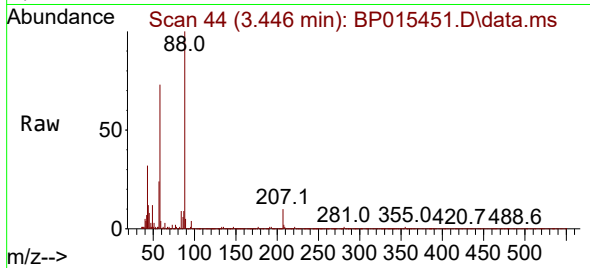
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#2
1,4-Dioxane
Concen: 12.848 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
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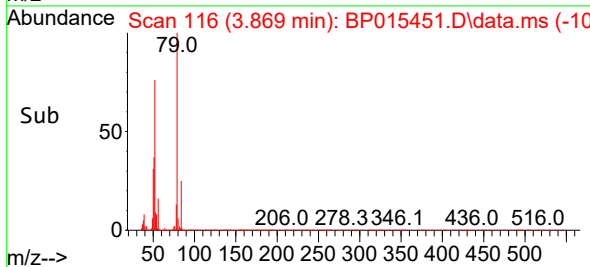
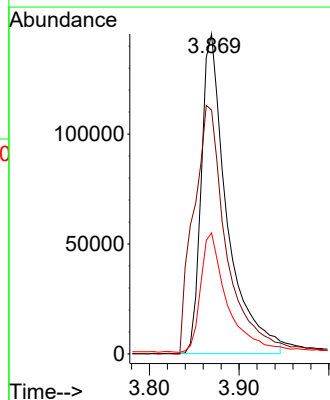
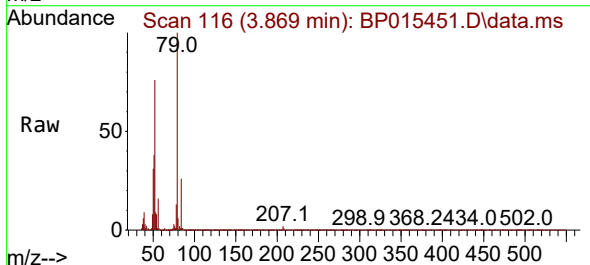
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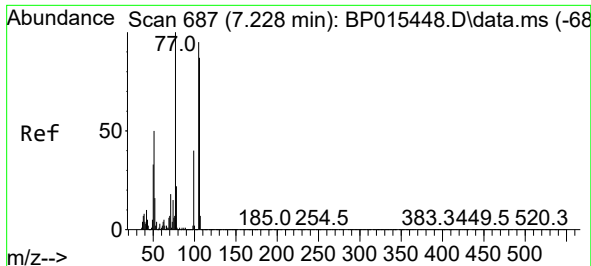
Tgt Ion:	88	Resp:	44098
Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.9	35.9
58	73.0	51.4	77.2



#5
Pyridine
Concen: 33.265 ng/uL
RT: 3.869 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:	79	Resp:	291064
Ion	Ratio	Lower	Upper
79	100		
52	76.2	59.5	89.3
51	37.9	29.8	44.6

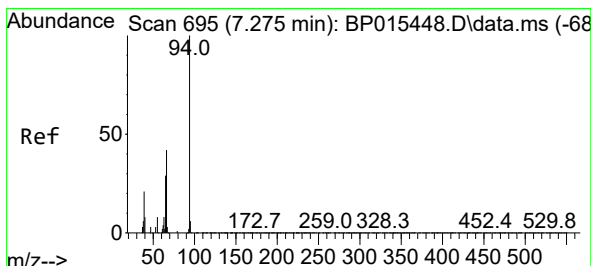
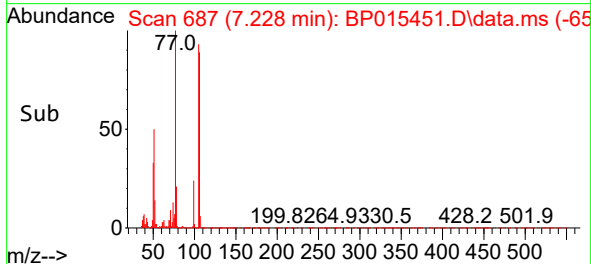
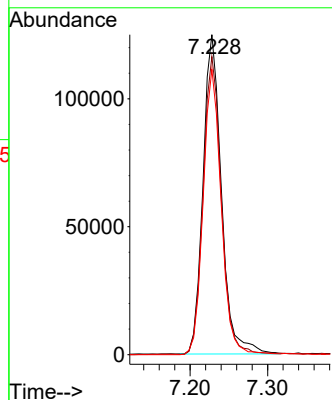
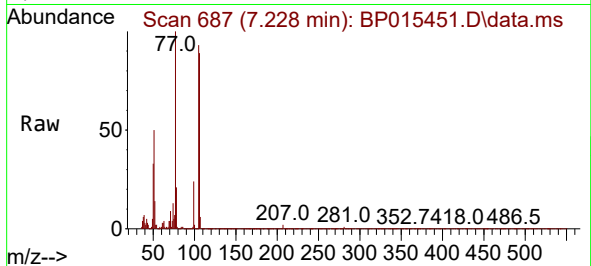




#6
Benzaldehyde
Concen: 48.706 ng/ul
RT: 7.228 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

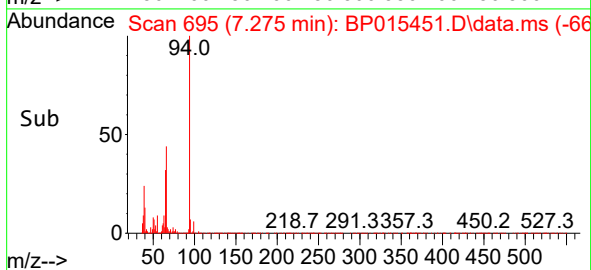
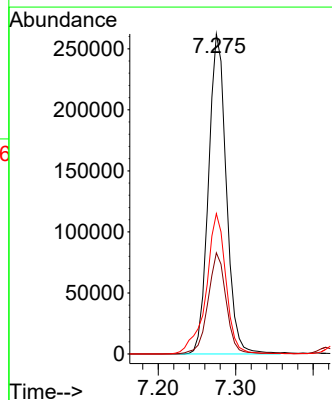
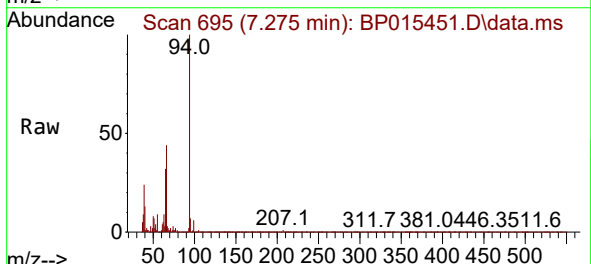
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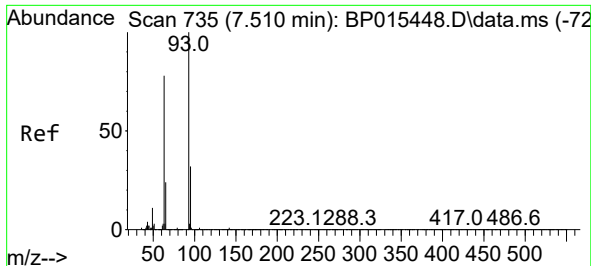
Tgt Ion: 77 Resp: 206362
Ion Ratio Lower Upper
77 100
105 93.1 77.3 115.9
106 89.2 73.3 109.9



#8
Phenol
Concen: 36.591 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion: 94 Resp: 418448
Ion Ratio Lower Upper
94 100
65 31.6 23.5 35.3
66 43.8 34.2 51.4

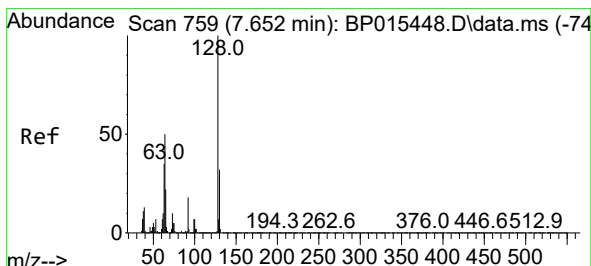
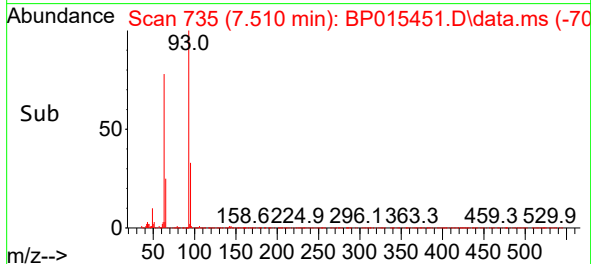
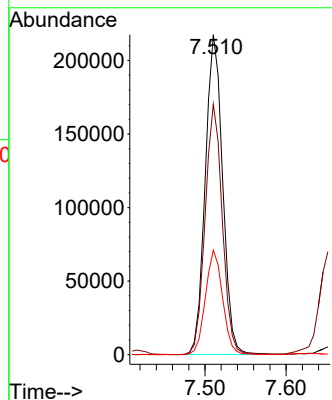
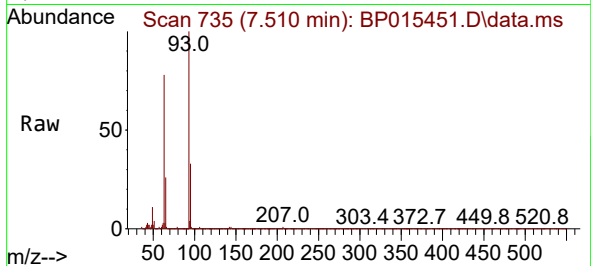




#10
Bis(2-Chloroethyl)ether
Concen: 35.683 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

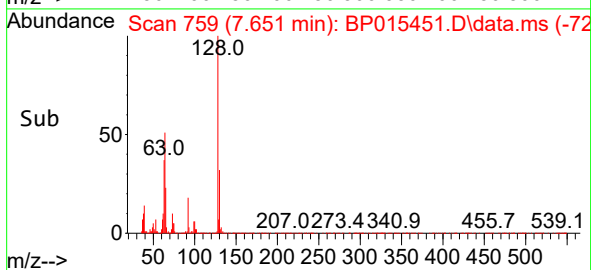
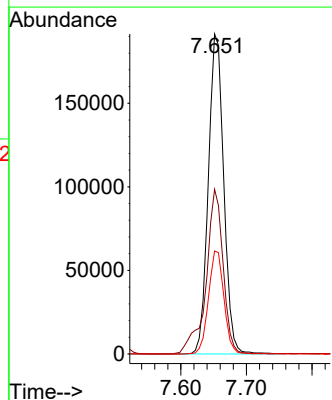
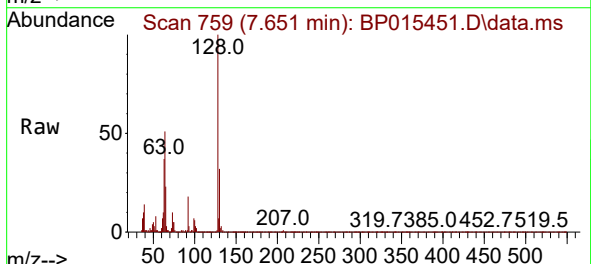
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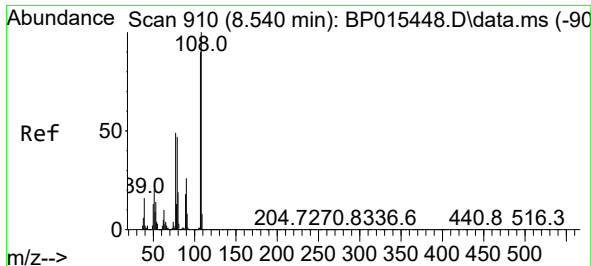
Tgt Ion: 93 Resp: 322637
Ion Ratio Lower Upper
93 100
63 78.3 62.6 93.8
95 32.7 25.5 38.3



#12
2-Chlorophenol
Concen: 36.904 ng/ul
RT: 7.651 min Scan# 759
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:128 Resp: 313357
Ion Ratio Lower Upper
128 100
64 51.5 40.2 60.4
130 32.2 24.5 36.7

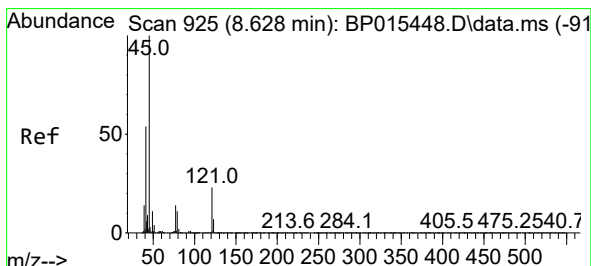
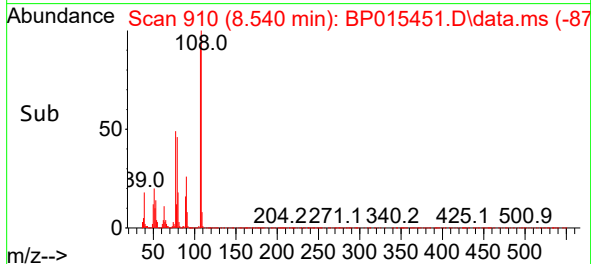
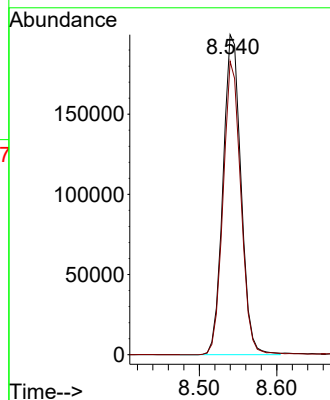
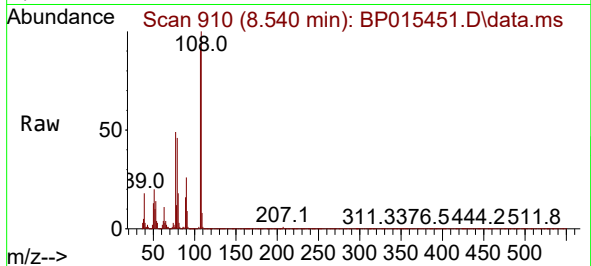




#13
2-Methylphenol
Concen: 36.623 ng/ul
RT: 8.540 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP015451.D
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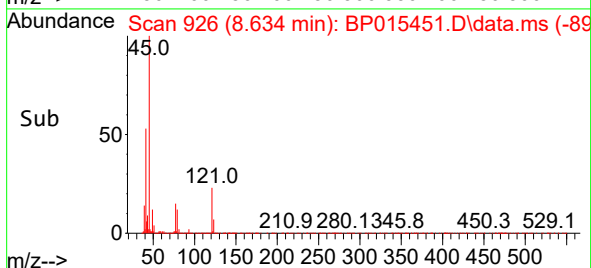
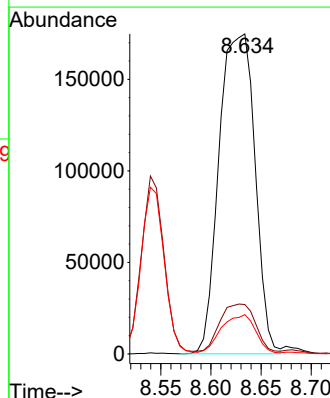
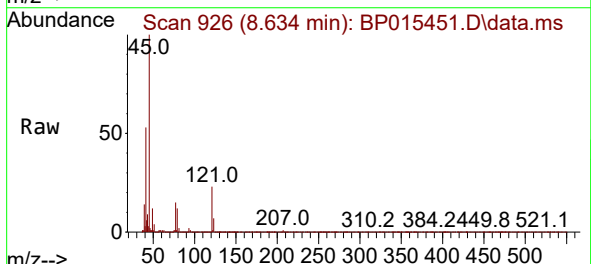
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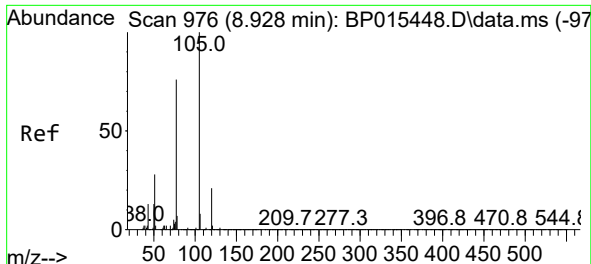
Tgt Ion:108 Resp: 322239
Ion Ratio Lower Upper
108 100
107 91.6 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.298 ng/ul
RT: 8.634 min Scan# 926
Delta R.T. 0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion: 45 Resp: 434918
Ion Ratio Lower Upper
45 100
77 15.5 11.8 17.8
79 12.3 8.7 13.1

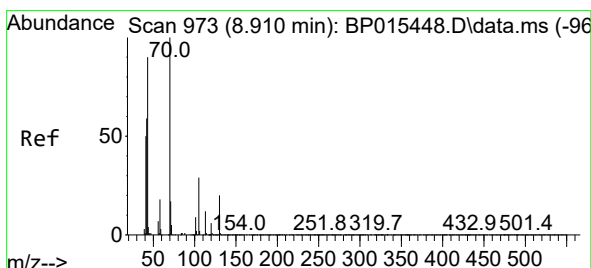
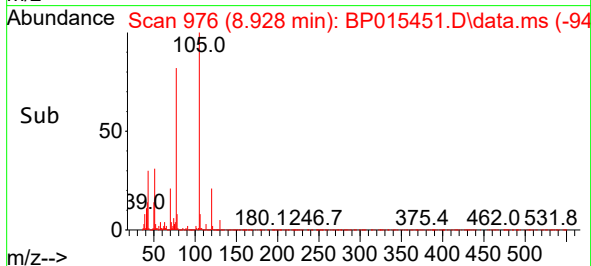
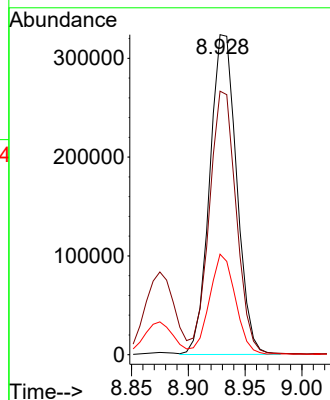
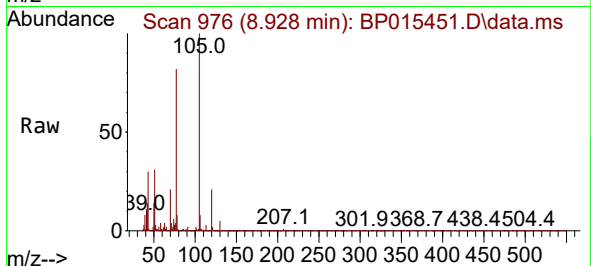




#16
Acetophenone
Concen: 36.810 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

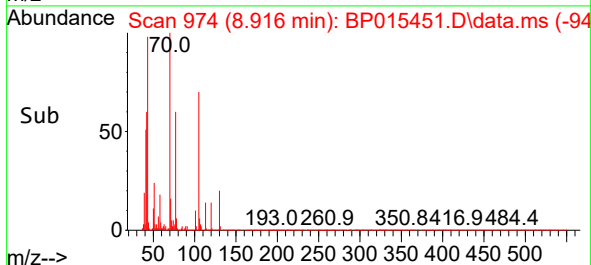
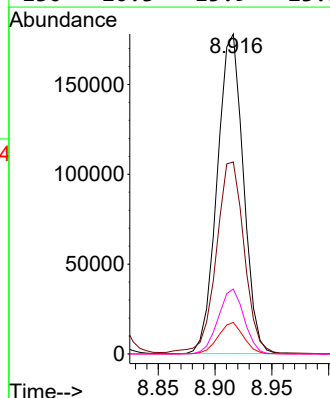
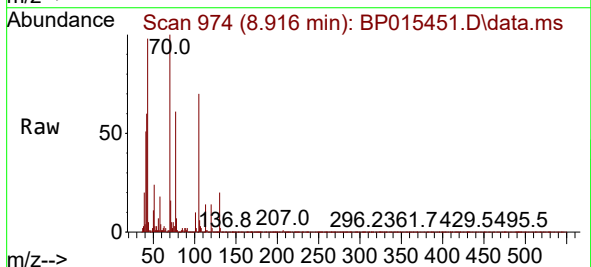
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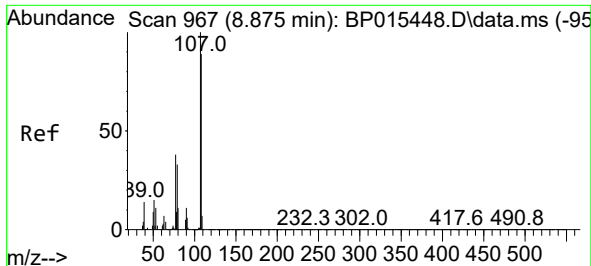
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Ion Ratio Lower Upper
105 100
77 82.4 64.9 97.3
51 31.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 36.392 ng/ul
RT: 8.916 min Scan# 974
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion: 70 Resp: 285165
Ion Ratio Lower Upper
70 100
42 60.0 46.6 69.8
101 9.8 7.8 11.6
130 20.3 15.9 23.9

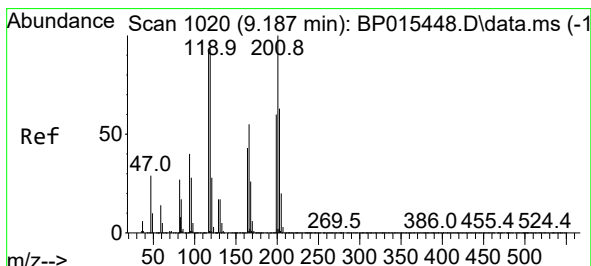
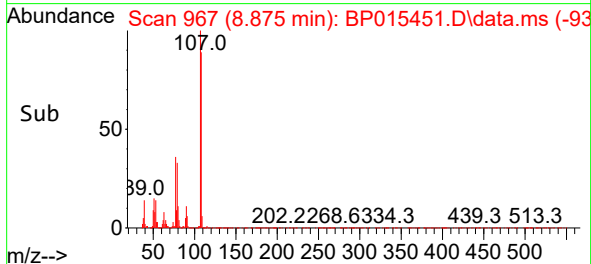
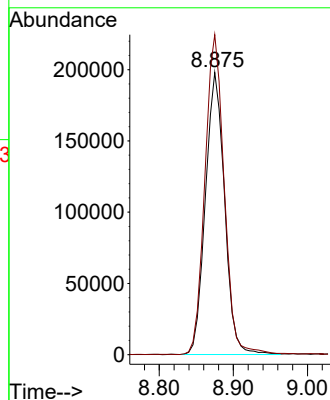
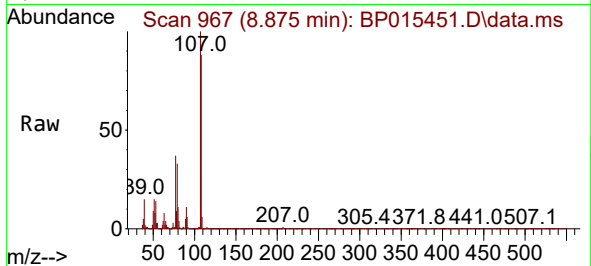




#18
4-Methylphenol
Concen: 36.758 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

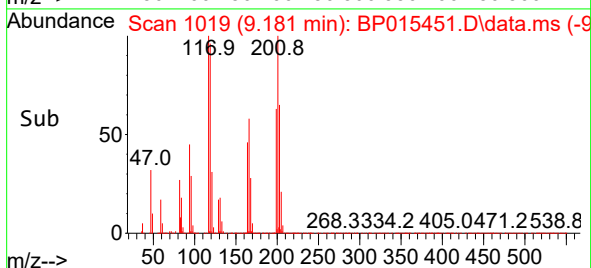
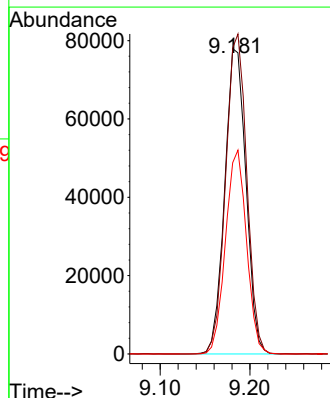
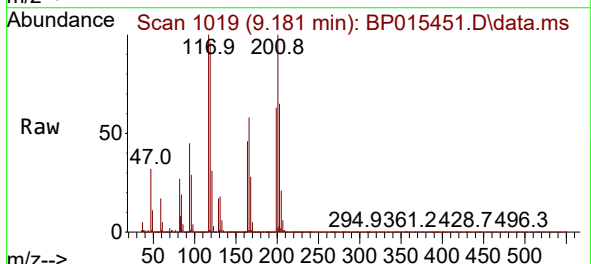
Instrument :
BNA_P
ClientSampleId :
SLCS326

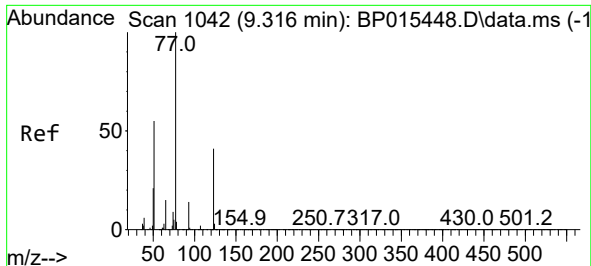
Tgt Ion:108 Resp: 355848
Ion Ratio Lower Upper
108 100
107 113.4 89.3 133.9



#19
Hexachloroethane
Concen: 35.799 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:117 Resp: 128455
Ion Ratio Lower Upper
117 100
201 100.2 82.8 124.2
199 62.7 50.6 76.0

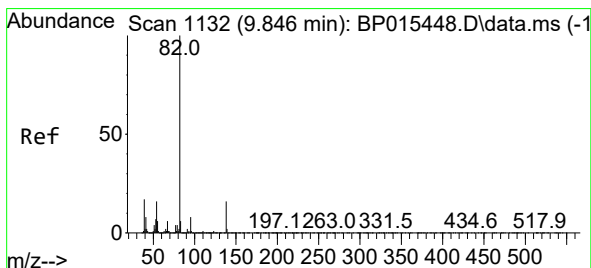
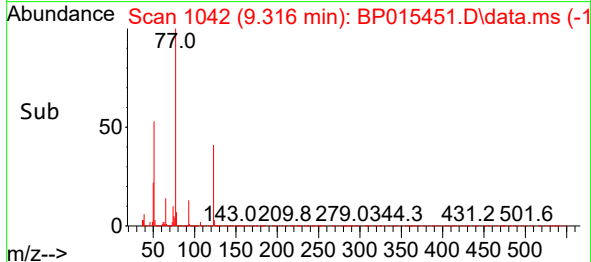
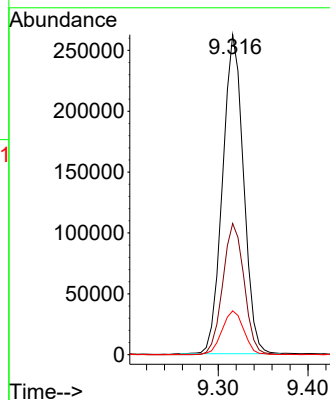
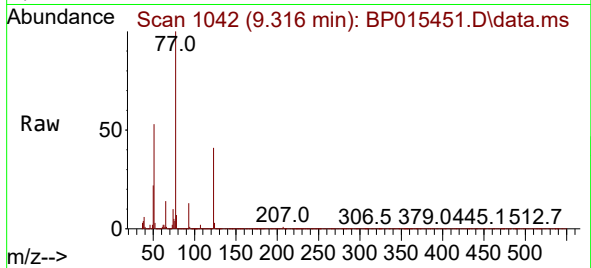




#22
Nitrobenzene
Concen: 35.785 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

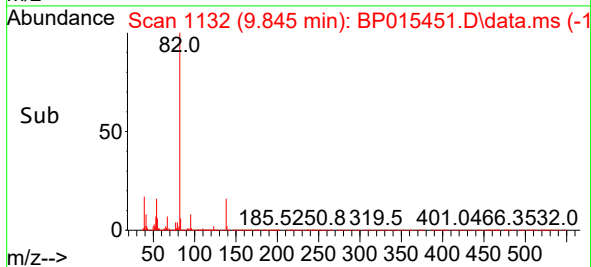
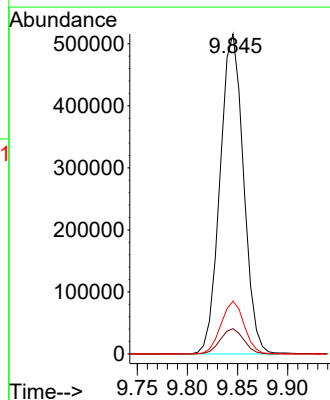
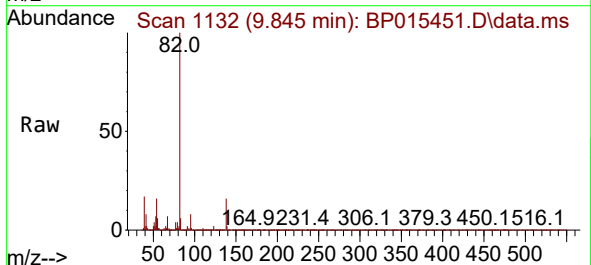
Instrument :
BNA_P
ClientSampleId :
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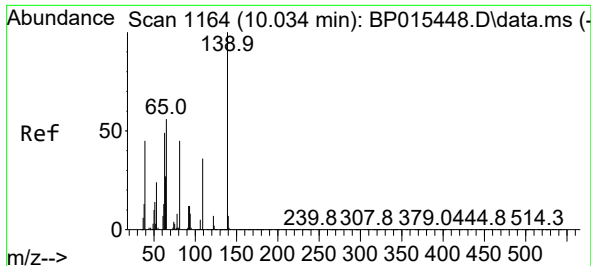
Tgt Ion: 77 Resp: 425772
Ion Ratio Lower Upper
77 100
123 41.0 33.5 50.3
65 13.7 11.6 17.4



#23
Isophorone
Concen: 35.225 ng/ul
RT: 9.845 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion: 82 Resp: 838980
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.5 13.1 19.7

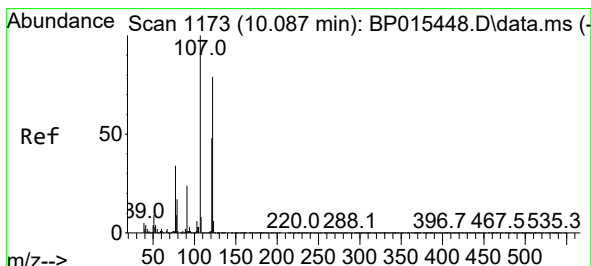
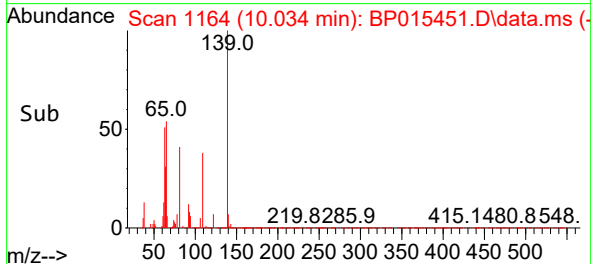
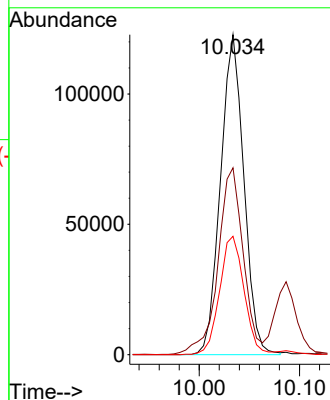
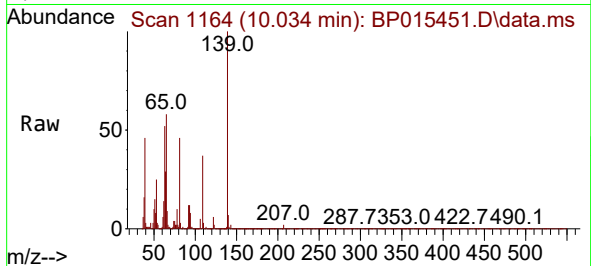




#25
2-Nitrophenol
Concen: 35.819 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

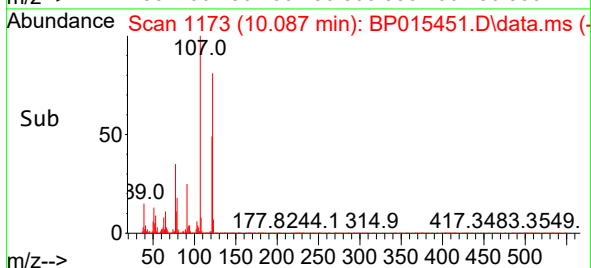
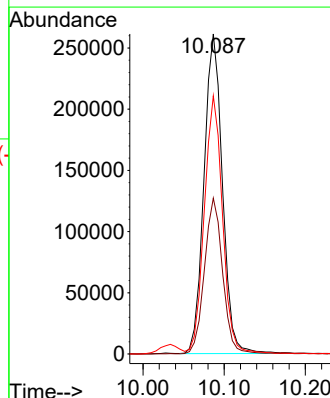
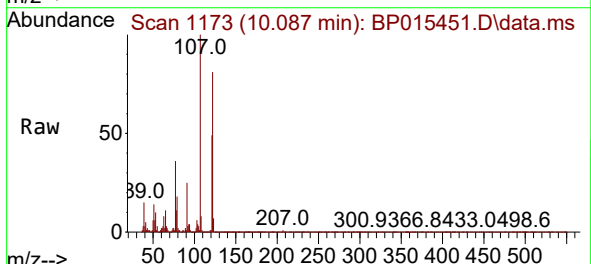
Instrument :
BNA_P
ClientSampleId :
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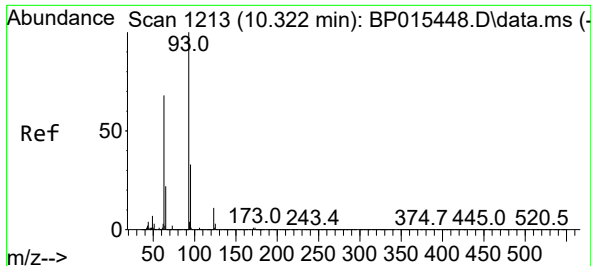
Tgt Ion:139 Resp: 198148
Ion Ratio Lower Upper
139 100
65 58.4 46.9 70.3
109 37.0 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 35.072 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:107 Resp: 411442
Ion Ratio Lower Upper
107 100
121 48.7 39.0 58.6
122 80.7 64.8 97.2

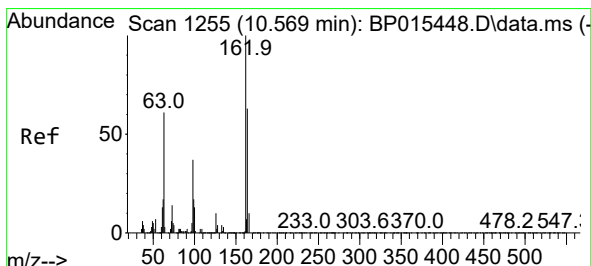
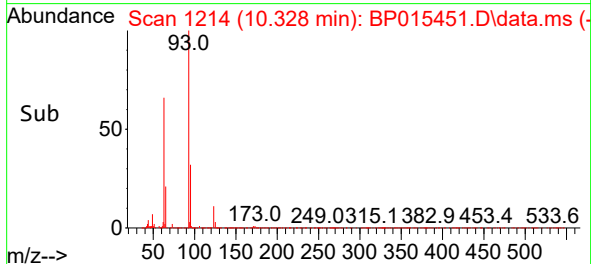
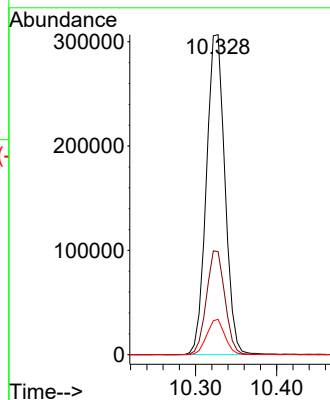
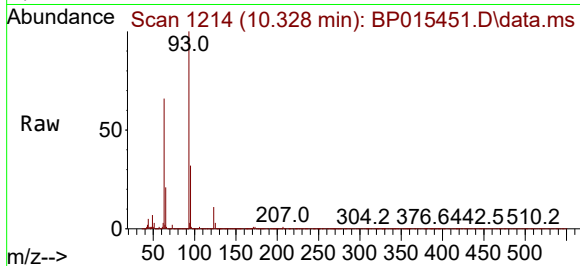




#27
Bis(2-Chloroethoxy)methane
Concen: 35.054 ng/ul
RT: 10.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

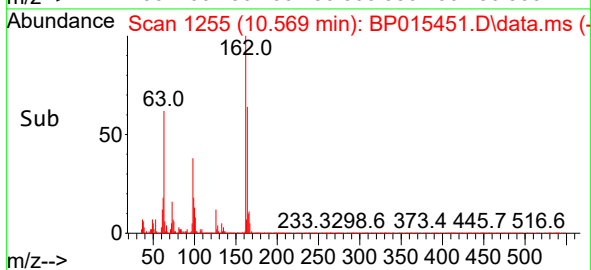
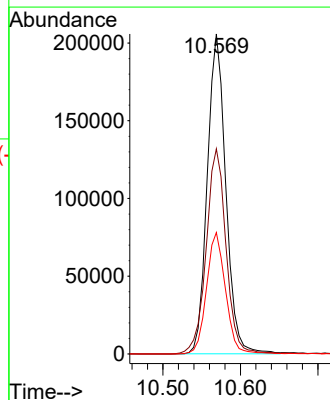
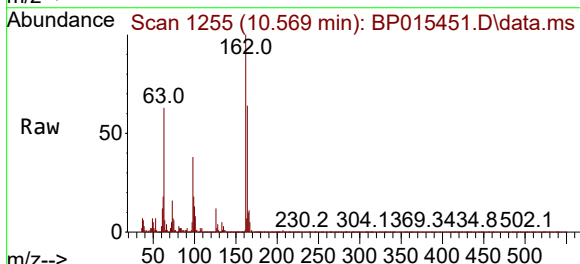
Instrument :
BNA_P
ClientSampleId :
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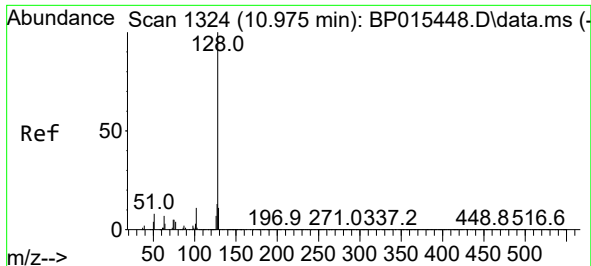
Tgt Ion: 93 Resp: 485401
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 11.1 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 36.814 ng/ul
RT: 10.569 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion: 162 Resp: 342098
Ion Ratio Lower Upper
162 100
164 64.1 50.6 76.0
98 38.0 30.2 45.2

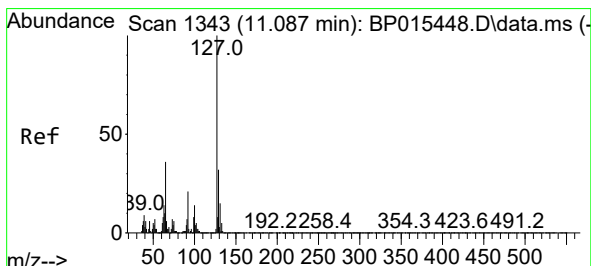
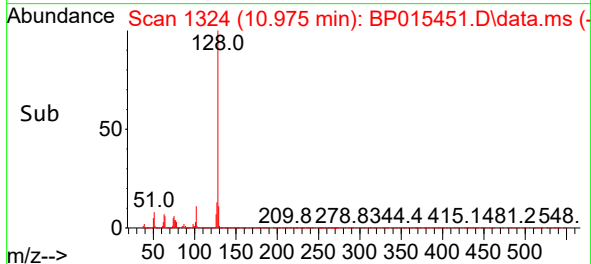
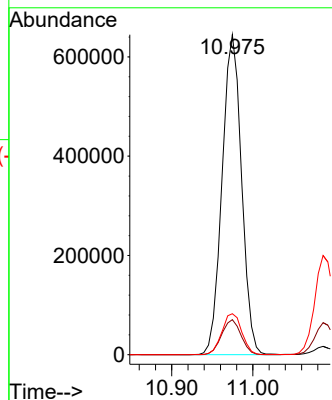
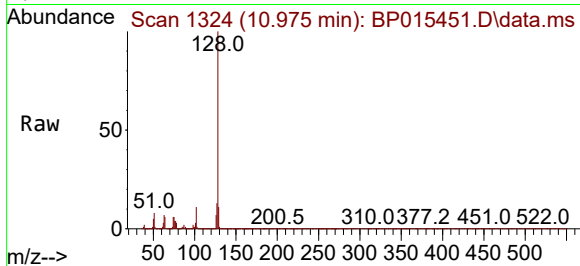




#30
Naphthalene
Concen: 34.692 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

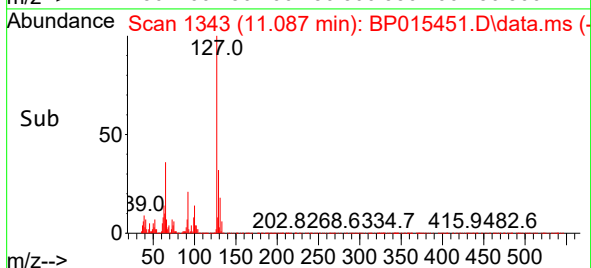
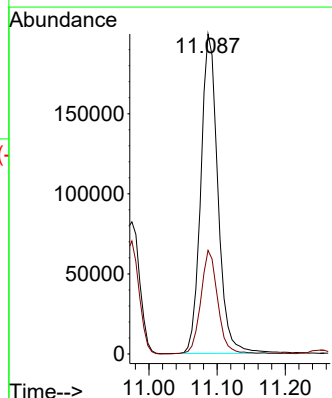
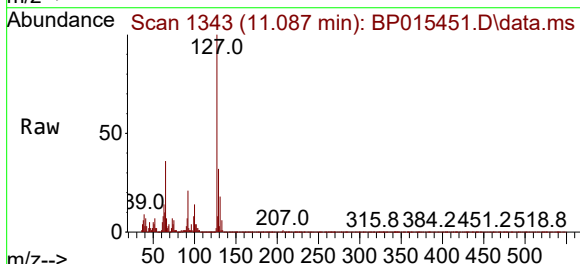
Instrument :
BNA_P
ClientSampleId :
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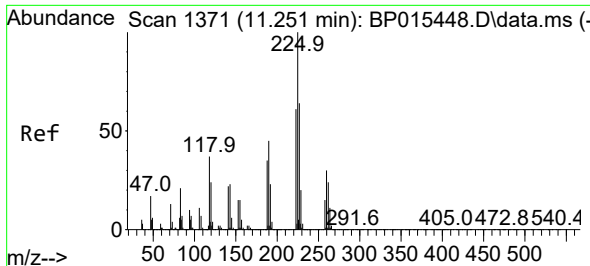
Tgt Ion:128 Resp: 1074305
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 25.052 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:127 Resp: 347751
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1

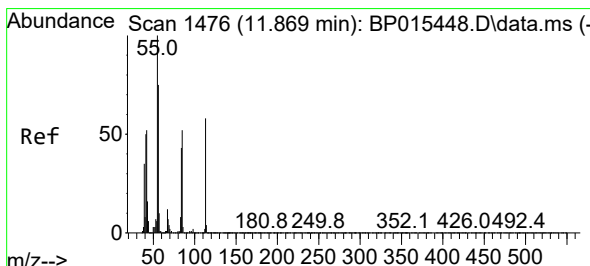
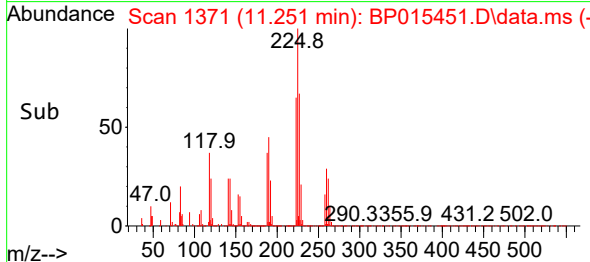
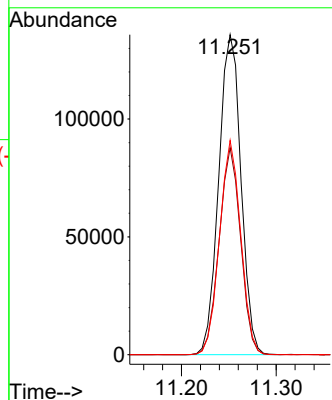
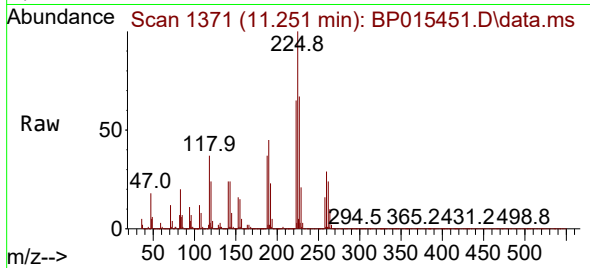




#33
Hexachlorobutadiene
Concen: 35.414 ng/ul
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

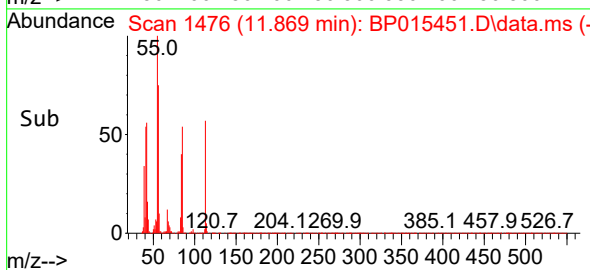
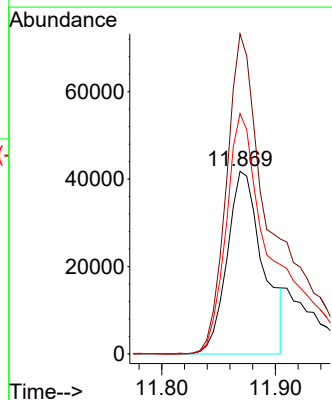
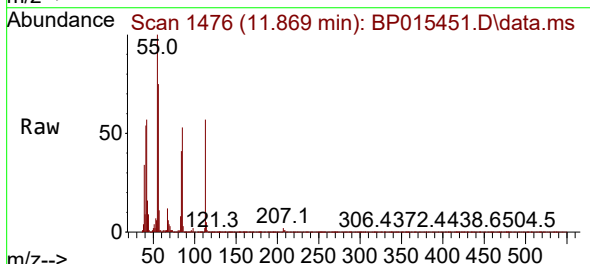
Instrument :
BNA_P
ClientSampleId :
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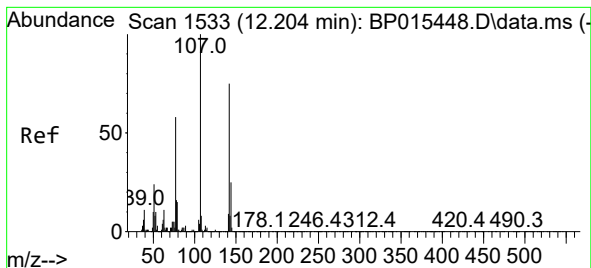
Tgt Ion:225 Resp: 221942
Ion Ratio Lower Upper
225 100
223 64.7 52.0 78.0
227 67.0 50.6 75.8



#34
Caprolactam
Concen: 26.109 ng/ul
RT: 11.869 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:113 Resp: 91334
Ion Ratio Lower Upper
113 100
55 175.1 127.9 191.9
56 131.5 101.1 151.7

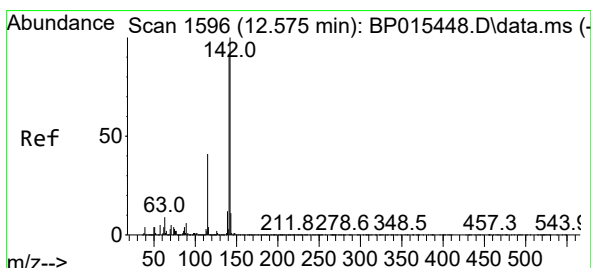
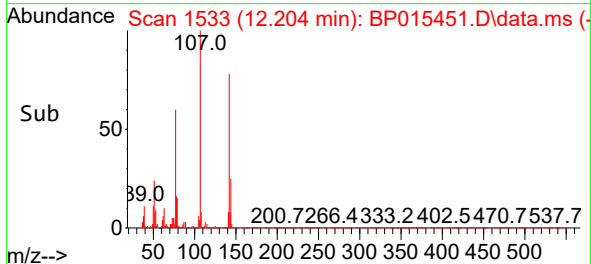
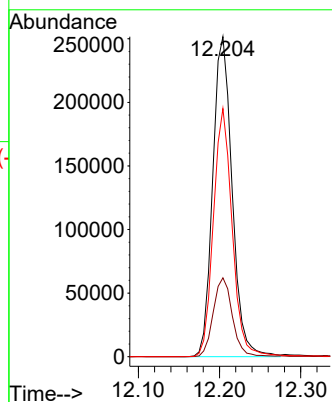
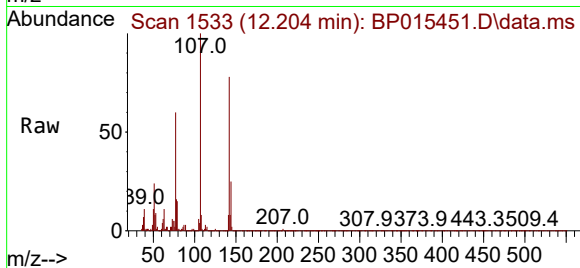




#35
4-Chloro-3-methylphenol
Concen: 37.136 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

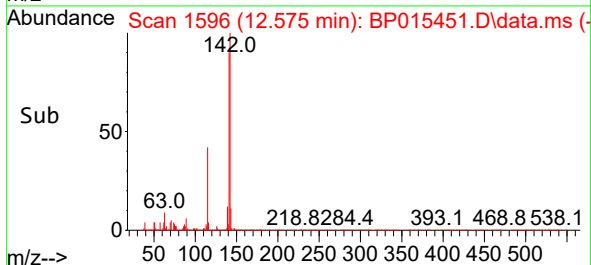
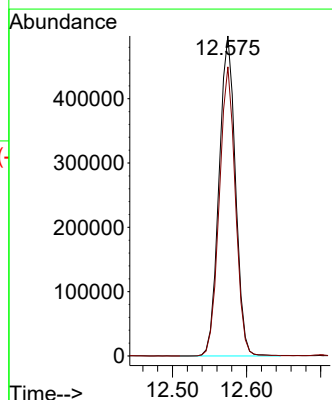
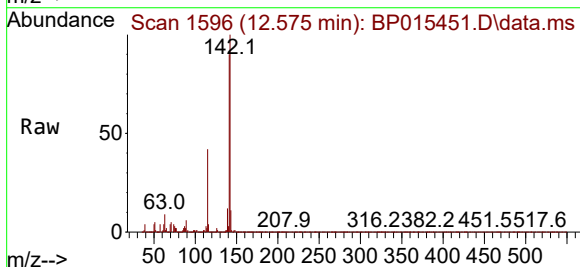
Instrument :
BNA_P
ClientSampleId :
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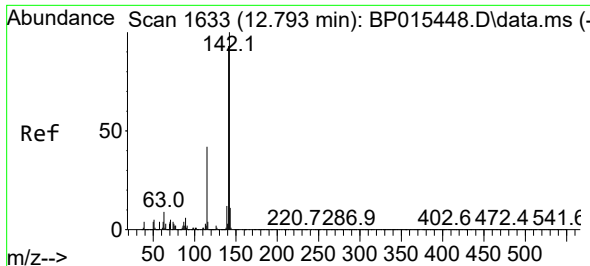
Tgt Ion:107 Resp: 418118
Ion Ratio Lower Upper
107 100
144 24.7 19.4 29.0
142 77.5 60.4 90.6



#36
2-Methylnaphthalene
Concen: 35.141 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:142 Resp: 765016
Ion Ratio Lower Upper
142 100
141 90.3 72.0 108.0

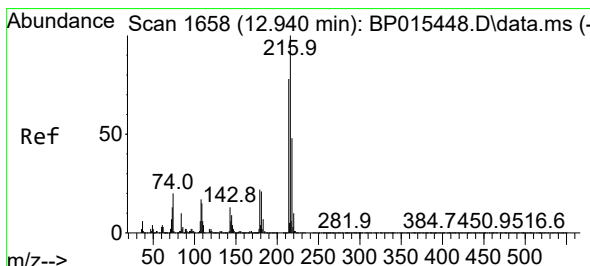
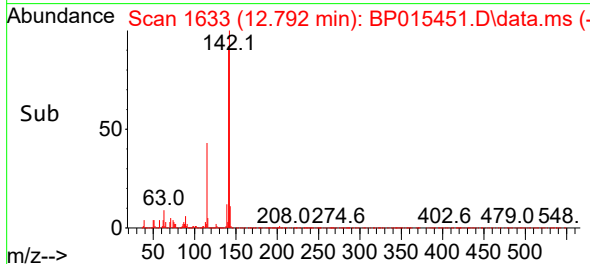
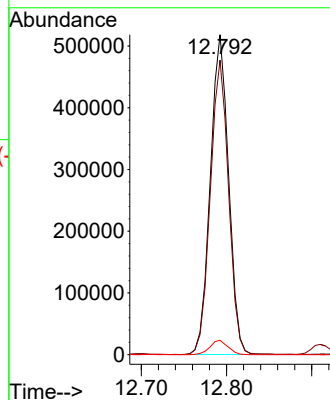
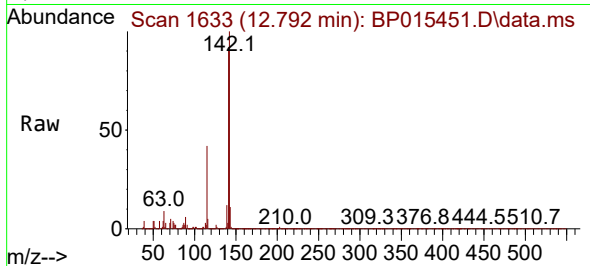




#37
1-Methylnaphthalene
Concen: 35.279 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

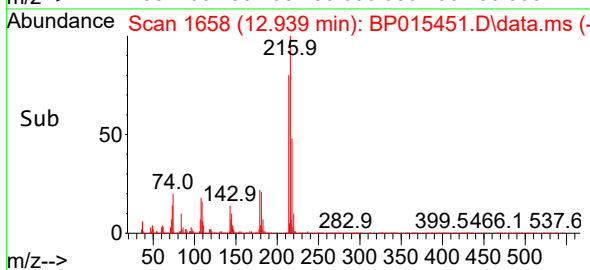
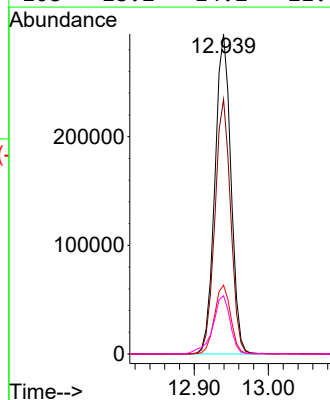
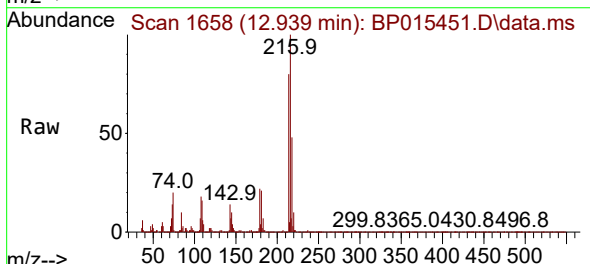
Instrument :
BNA_P
ClientSampleId :
SLCS326

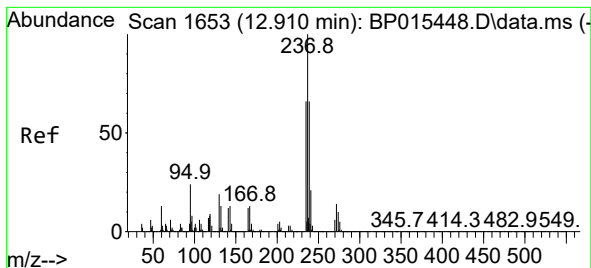
Tgt Ion:142 Resp: 773269
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
116 4.5 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.713 ng/ul
RT: 12.939 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:216 Resp: 442554
Ion Ratio Lower Upper
216 100
214 79.6 62.2 93.2
179 21.5 17.4 26.2
108 18.2 14.2 21.4

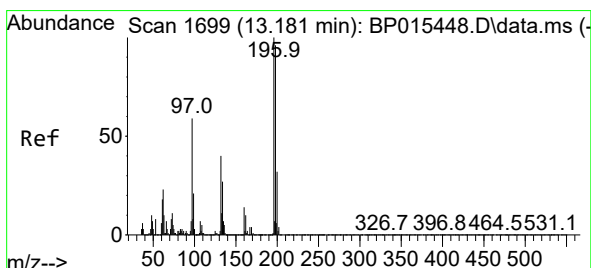
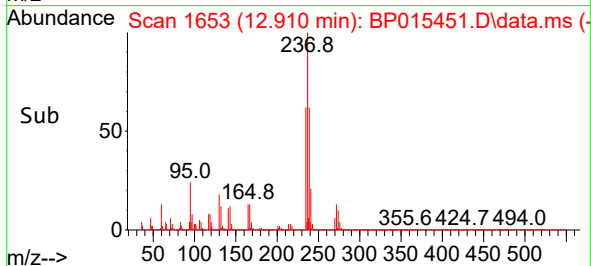
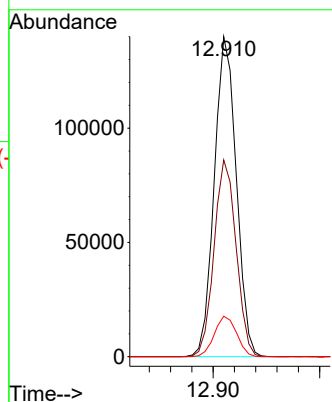
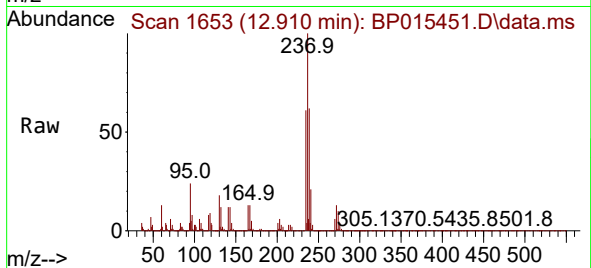




#40
Hexachlorocyclopentadiene
Concen: 40.624 ng/ul
RT: 12.910 min Scan# 1653
Delta R.T. -0.012 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

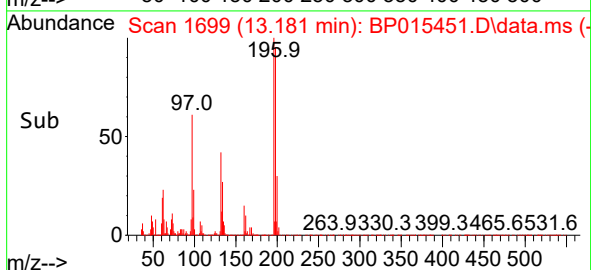
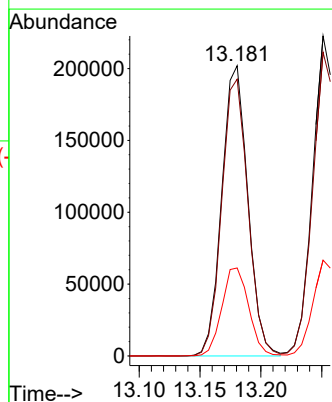
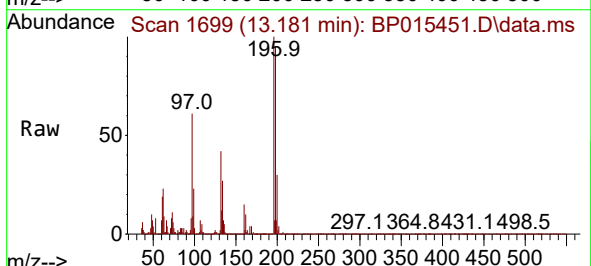
Instrument :
BNA_P
ClientSampleId :
SLCS326

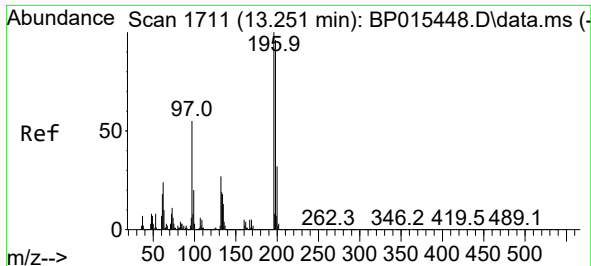
Tgt Ion:237 Resp: 200734
Ion Ratio Lower Upper
237 100
235 61.5 48.2 72.2
272 13.3 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 37.585 ng/ul
RT: 13.181 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:196 Resp: 301549
Ion Ratio Lower Upper
196 100
198 95.4 77.8 116.6
200 30.3 25.8 38.6

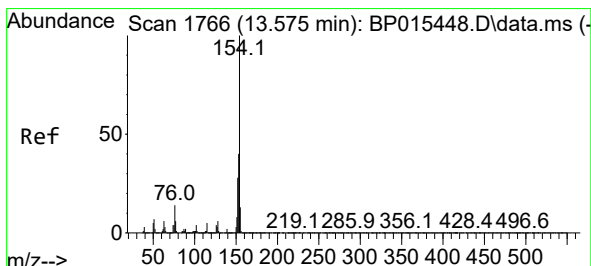
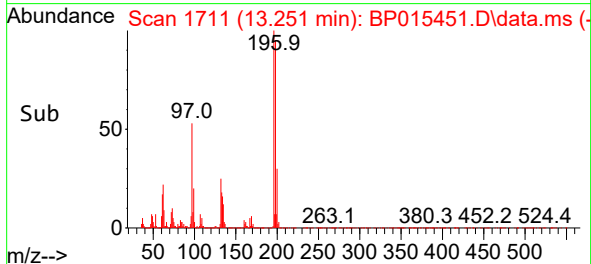
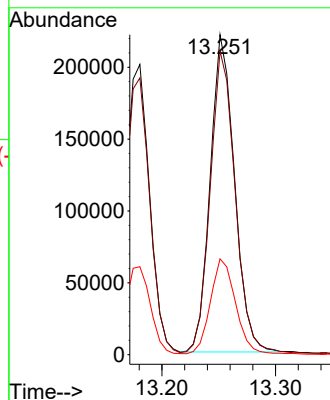
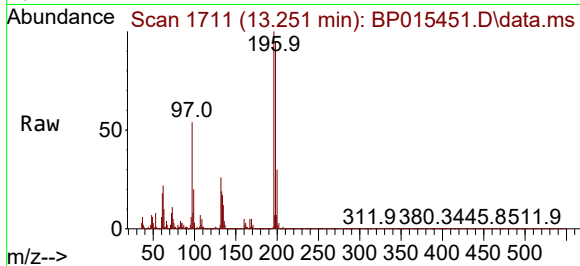




#42
2,4,5-Trichlorophenol
Concen: 37.574 ng/ul
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

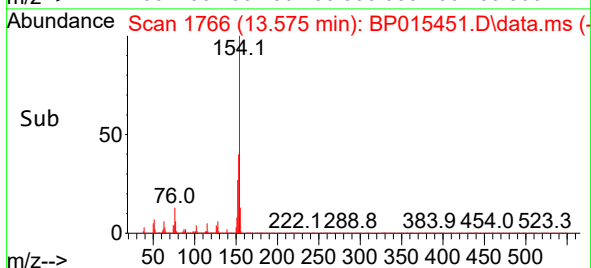
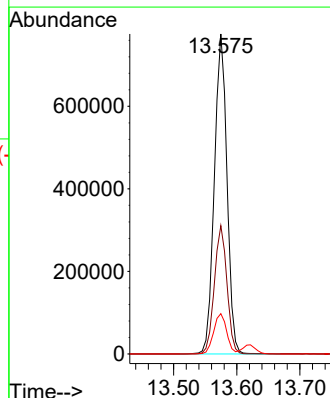
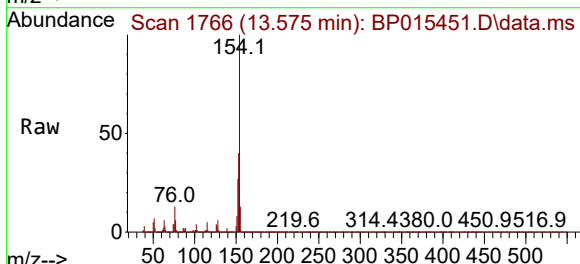
Instrument :
BNA_P
ClientSampleId :
SLCS326

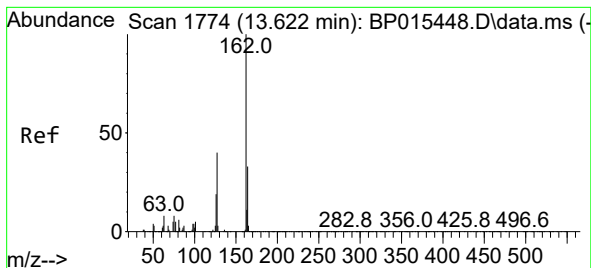
Tgt Ion:196 Resp: 328506
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
200 29.9 24.7 37.1



#43
1,1'-Biphenyl
Concen: 35.961 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:154 Resp: 1076584
Ion Ratio Lower Upper
154 100
153 40.1 32.2 48.2
76 12.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 36.060 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

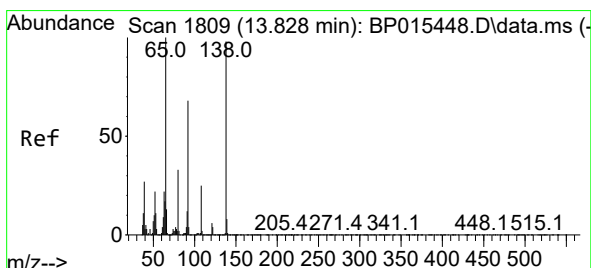
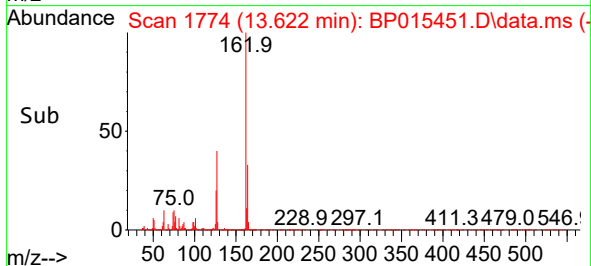
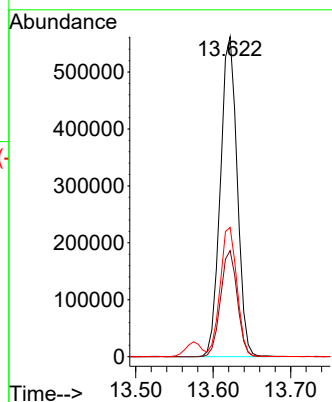
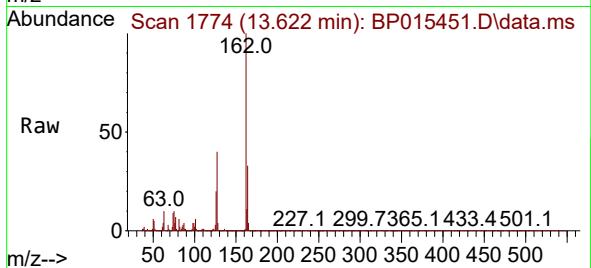
Tgt Ion:162 Resp: 846986

Ion Ratio Lower Upper

162 100

164 33.1 27.0 40.6

127 40.4 32.2 48.4



#45

2-Nitroaniline

Concen: 39.934 ng/ul

RT: 13.828 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

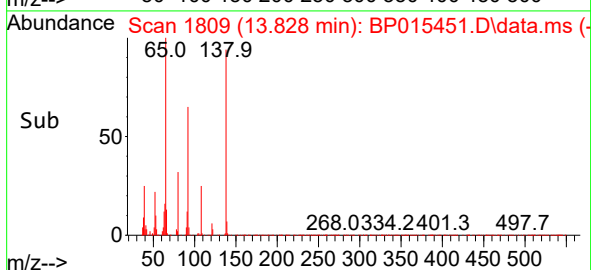
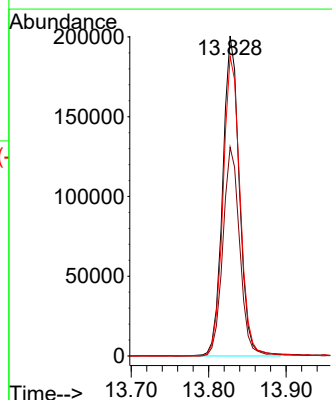
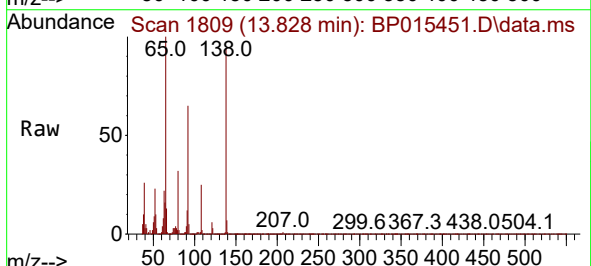
Tgt Ion: 65 Resp: 300196

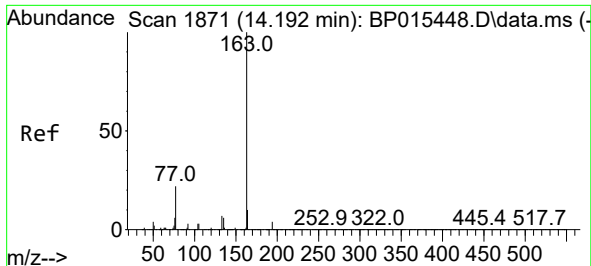
Ion Ratio Lower Upper

65 100

92 65.2 55.4 83.2

138 93.6 78.8 118.2

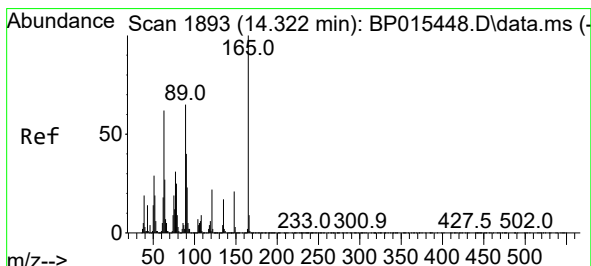
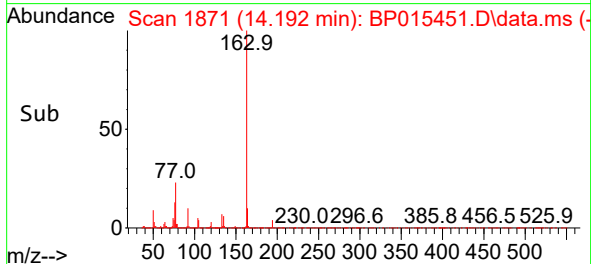
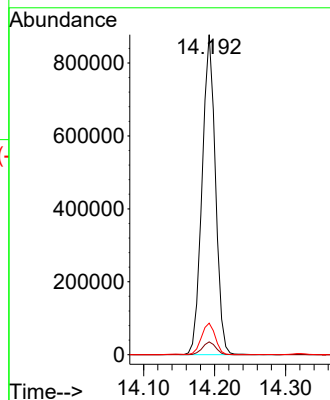
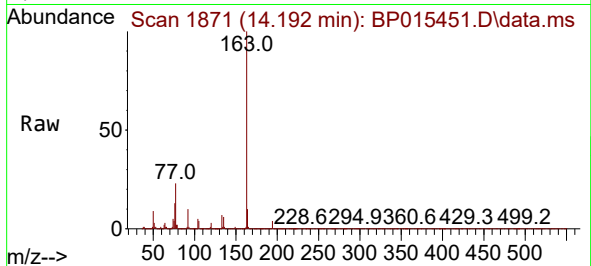




#47
Dimethylphthalate
Concen: 36.394 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

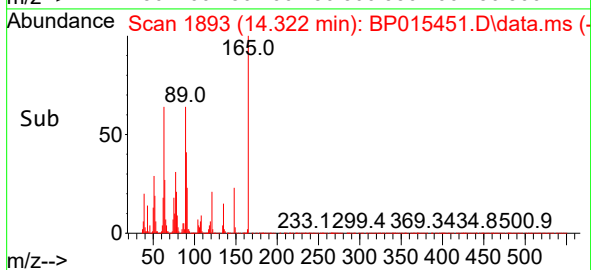
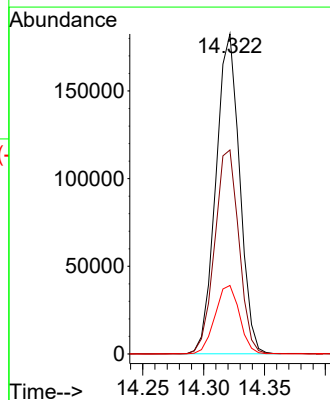
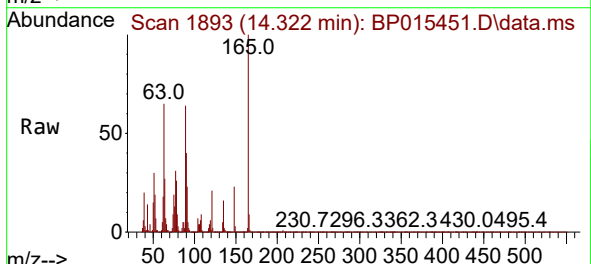
Instrument :
BNA_P
ClientSampleId :
SLCS326

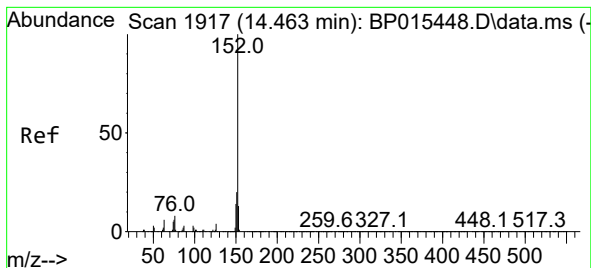
Tgt Ion:163 Resp: 1147081
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 38.388 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:165 Resp: 247889
Ion Ratio Lower Upper
165 100
89 63.8 51.5 77.3
121 21.4 17.3 25.9





#50

Acenaphthylene

Concen: 36.135 ng/ul

RT: 14.463 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

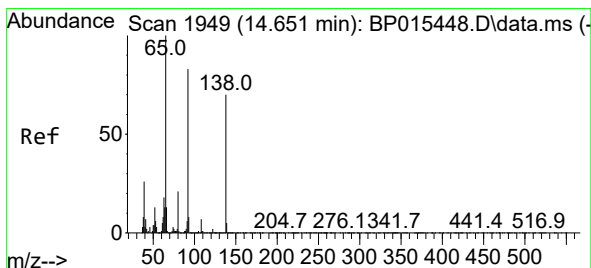
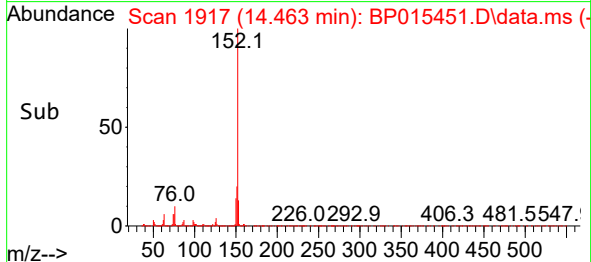
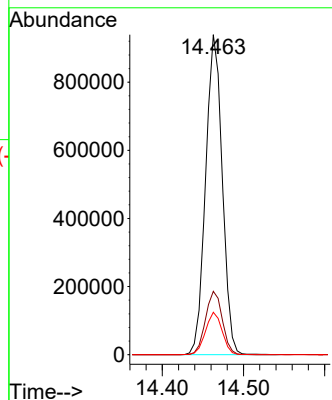
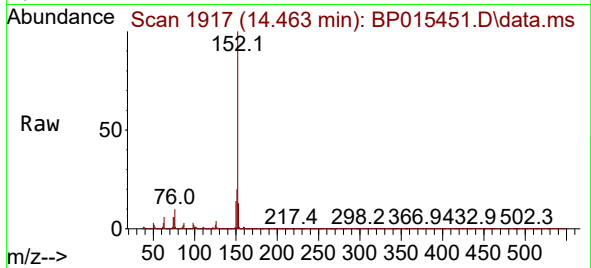
Tgt Ion:152 Resp: 1335712

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.3 10.6 15.8



#51

3-Nitroaniline

Concen: 45.615 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

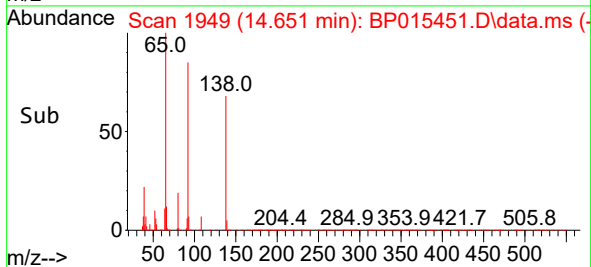
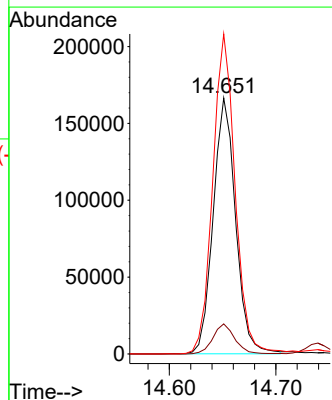
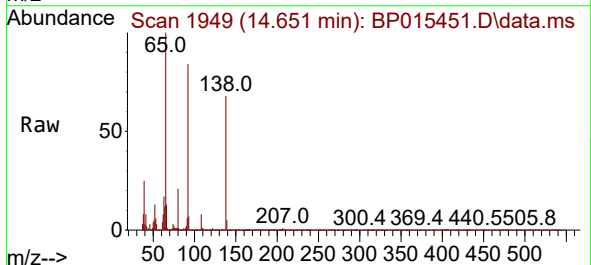
Tgt Ion:138 Resp: 243157

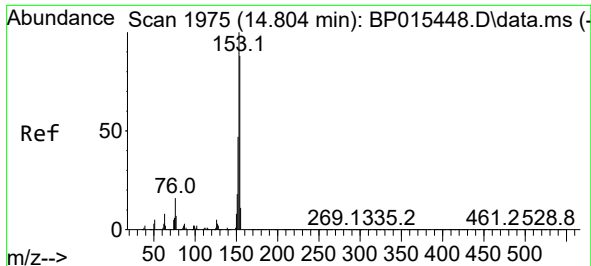
Ion Ratio Lower Upper

138 100

108 11.7 8.4 12.6

92 125.0 98.0 147.0

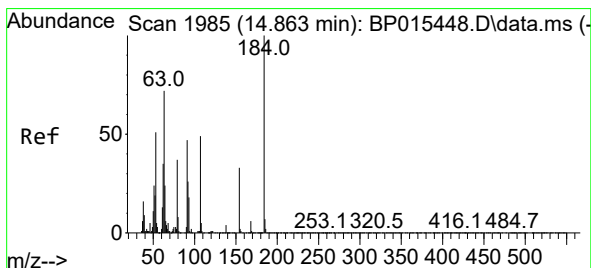
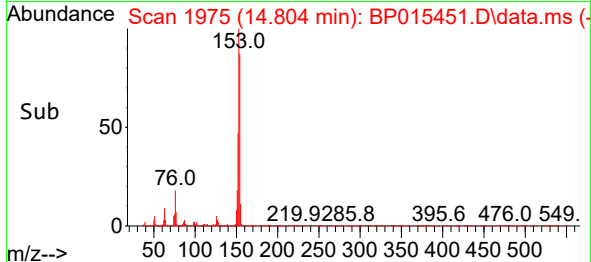
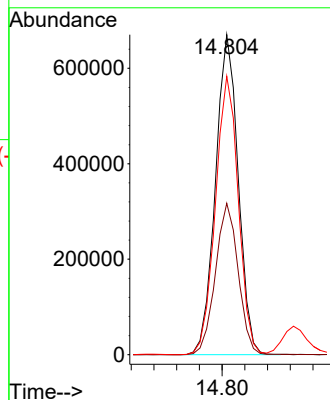
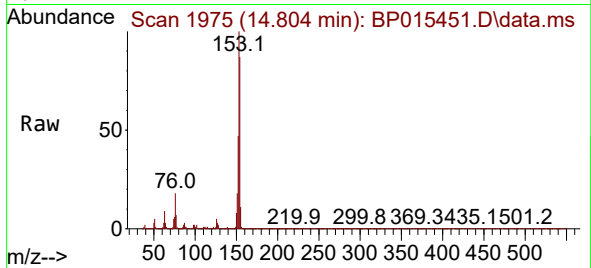




#52
Acenaphthene
Concen: 36.480 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

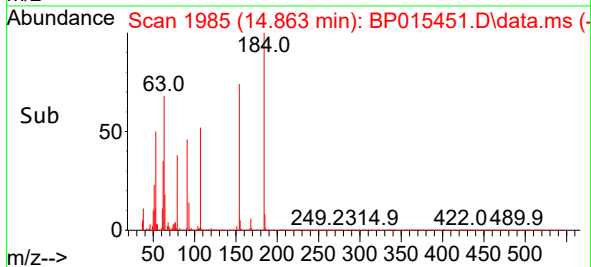
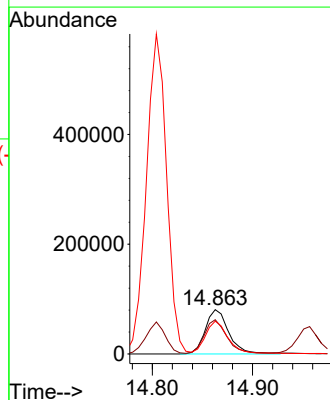
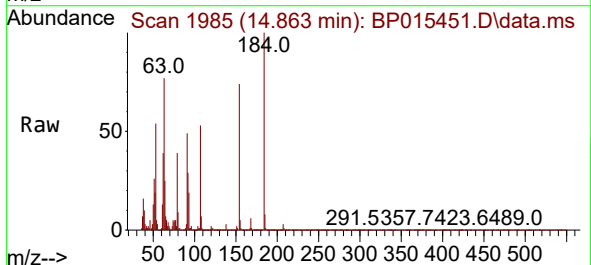
Instrument :
BNA_P
ClientSampleId :
SLCS326

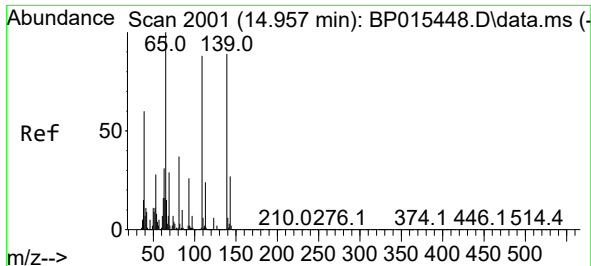
Tgt Ion:153 Resp: 932138
Ion Ratio Lower Upper
153 100
152 47.3 38.3 57.5
154 87.0 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 33.959 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:184 Resp: 131910
Ion Ratio Lower Upper
184 100
63 77.5 59.0 88.4
154 74.1 57.6 86.4

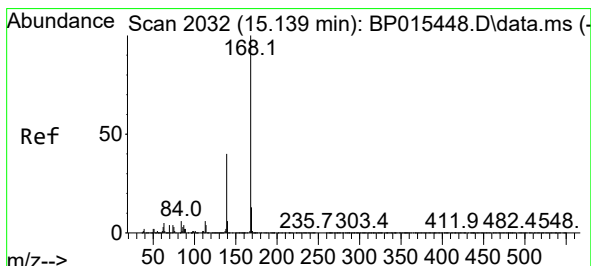
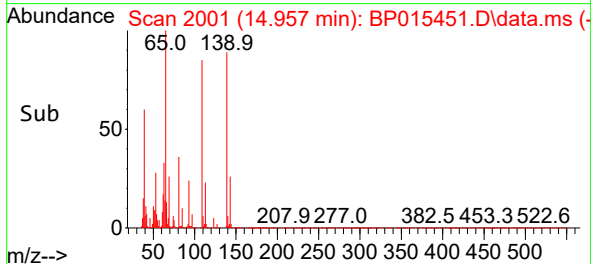
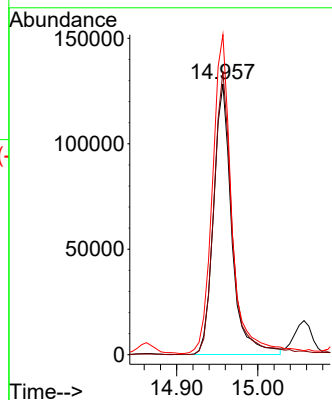
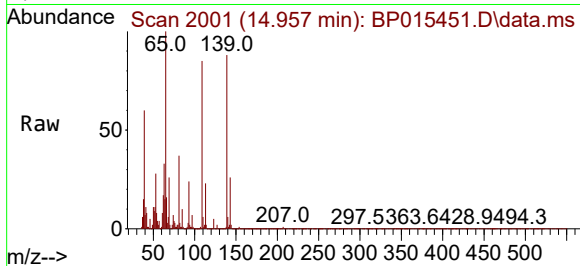




#55
4-Nitrophenol
Concen: 37.827 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

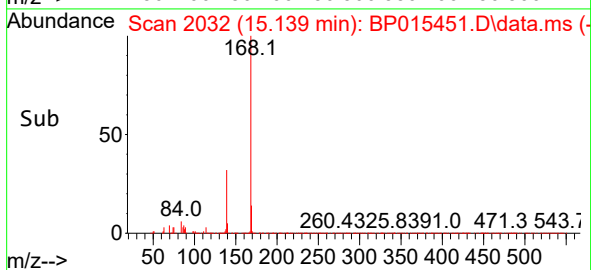
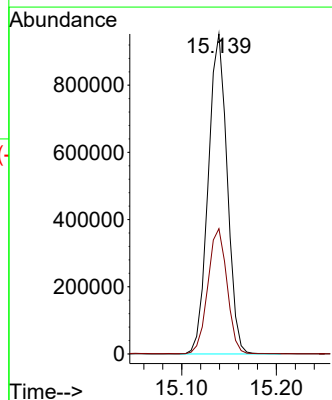
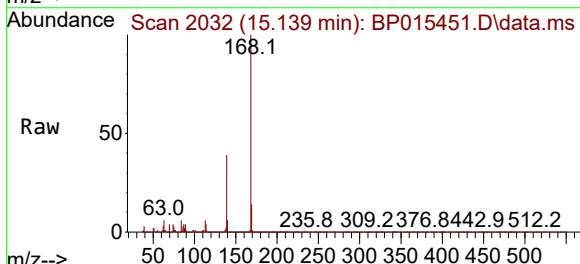
Instrument :
BNA_P
ClientSampleId :
SLCS326

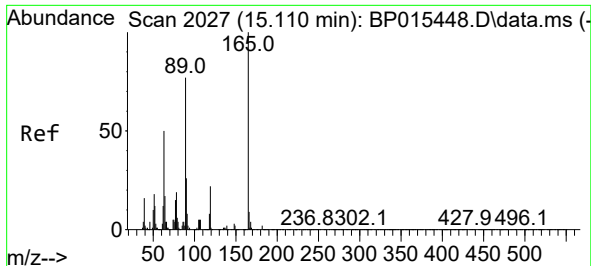
Tgt Ion:109 Resp: 199459
Ion Ratio Lower Upper
109 100
139 104.6 89.1 133.7
65 118.2 103.1 154.7



#56
Dibenzofuran
Concen: 36.494 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:168 Resp: 1321640
Ion Ratio Lower Upper
168 100
139 39.2 31.2 46.8

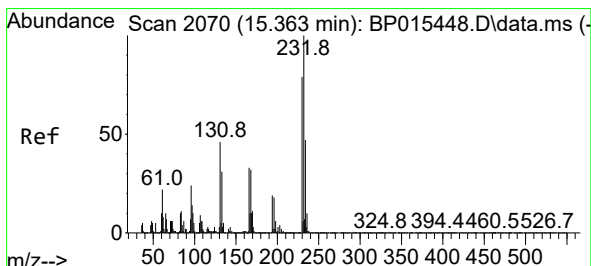
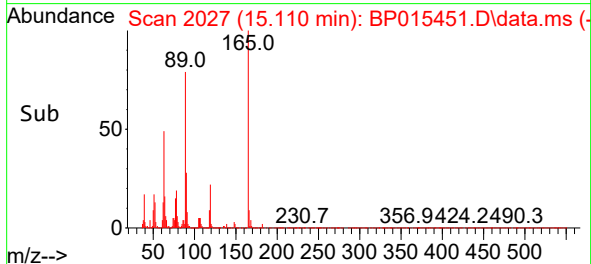
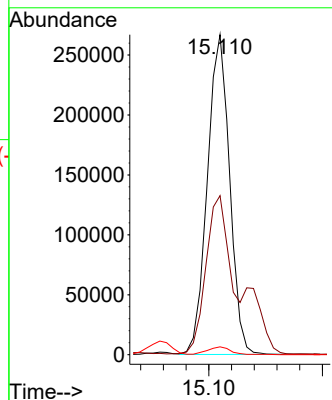
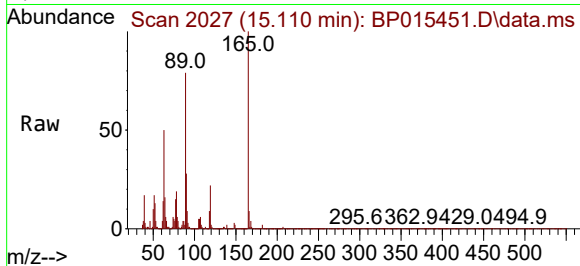




#57
2,4-Dinitrotoluene
Concen: 38.191 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

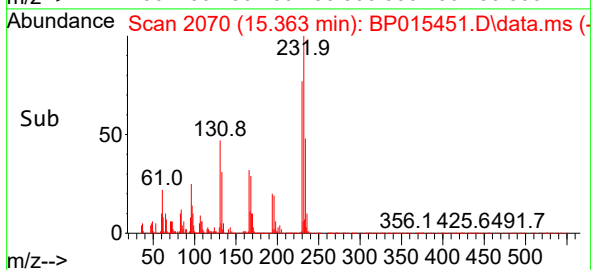
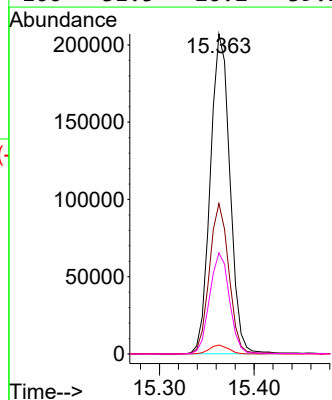
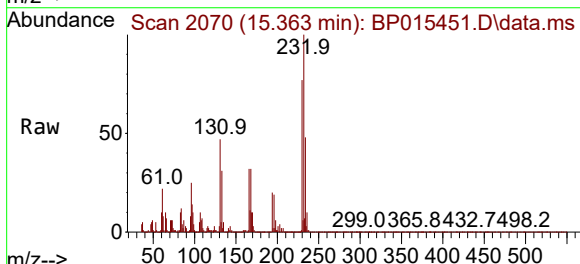
Instrument :
BNA_P
ClientSampleId :
SLCS326

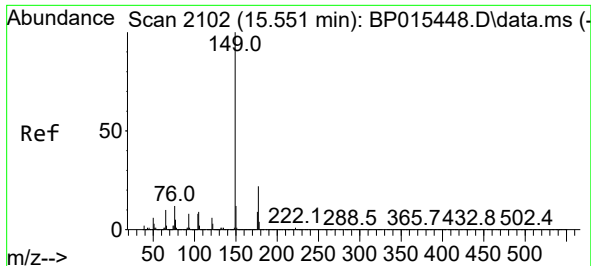
Tgt Ion:165 Resp: 362723
Ion Ratio Lower Upper
165 100
63 49.7 39.1 58.7
182 2.5 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.802 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:232 Resp: 298407
Ion Ratio Lower Upper
232 100
131 47.0 37.8 56.8
130 2.8 1.9 2.9
166 31.5 26.2 39.2

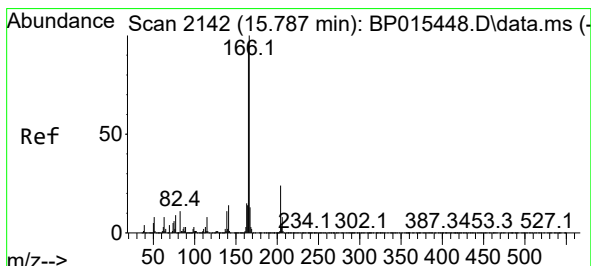
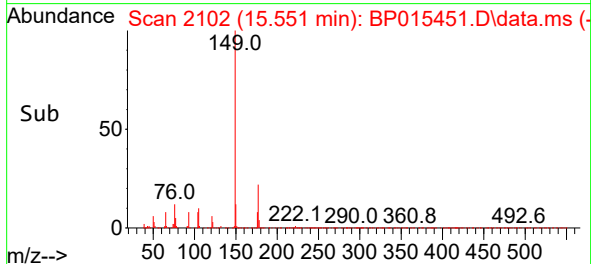
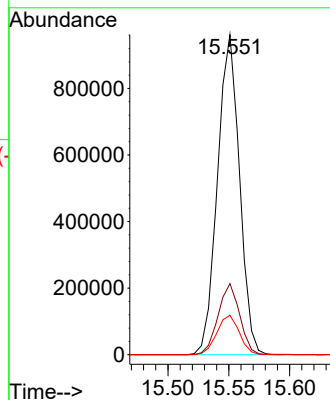
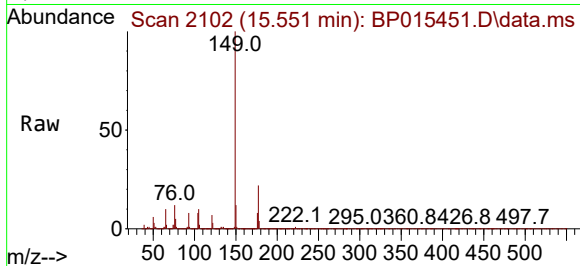




#59
Diethylphthalate
Concen: 37.499 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

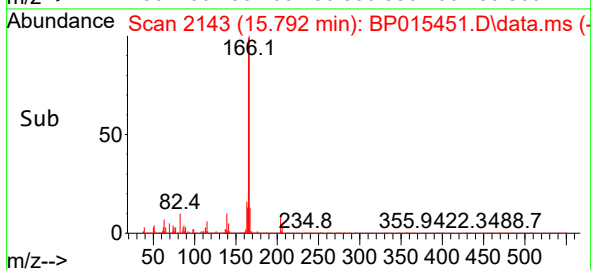
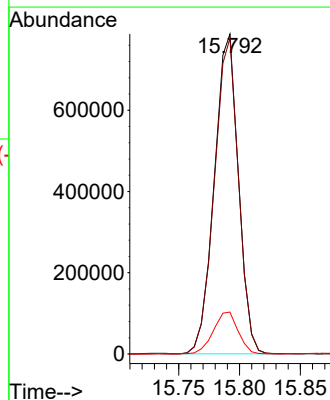
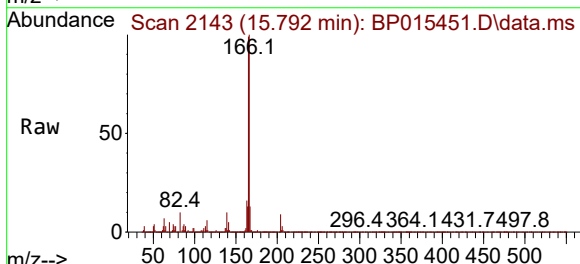
Instrument :
BNA_P
ClientSampleId :
SLCS326

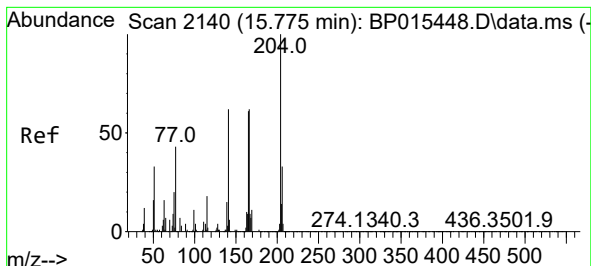
Tgt Ion:149 Resp: 1211310
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.3 10.1 15.1



#61
Fluorene
Concen: 36.734 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:166 Resp: 1084480
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.1 10.6 16.0

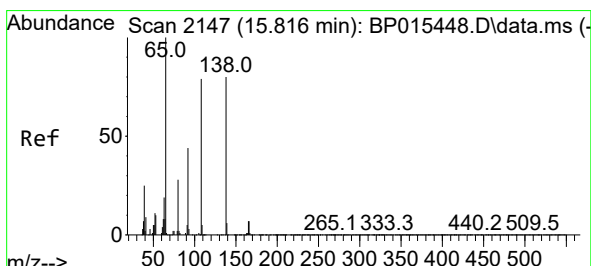
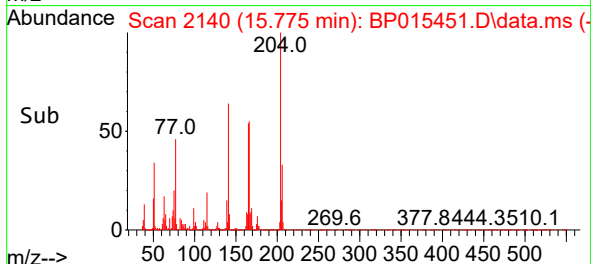
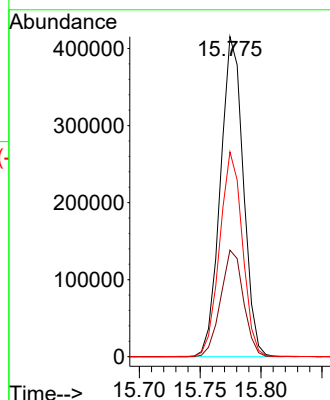
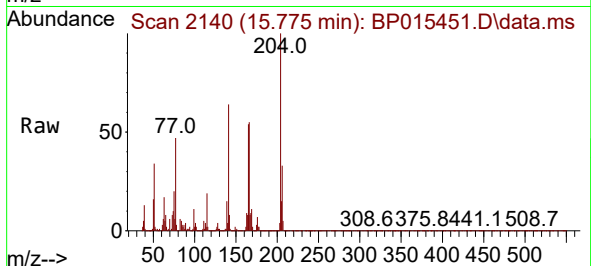




#62
4-Chlorophenyl-phenylether
Concen: 36.548 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

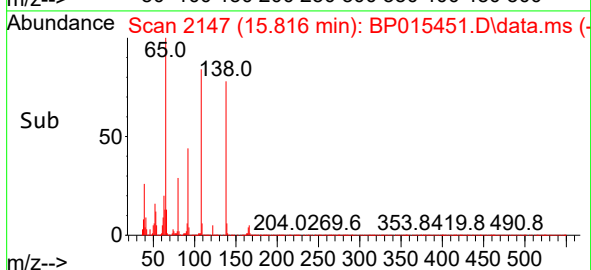
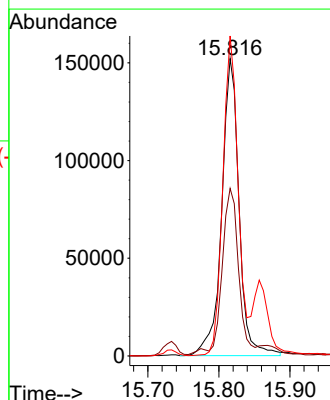
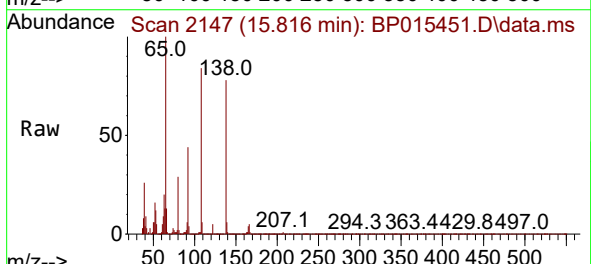
Instrument :
BNA_P
ClientSampleId :
SLCS326

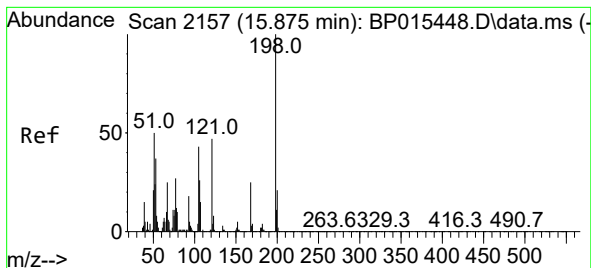
Tgt Ion:204 Resp: 543788
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 64.0 49.8 74.8



#63
4-Nitroaniline
Concen: 50.819 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:138 Resp: 256960
Ion Ratio Lower Upper
138 100
92 56.3 44.6 67.0
108 107.6 78.4 117.6

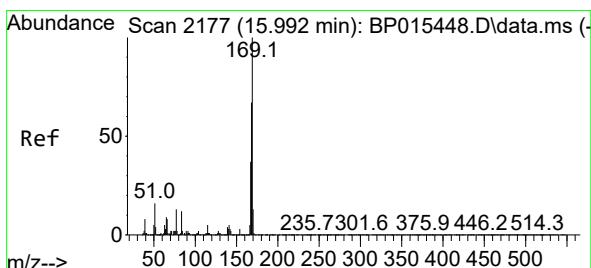
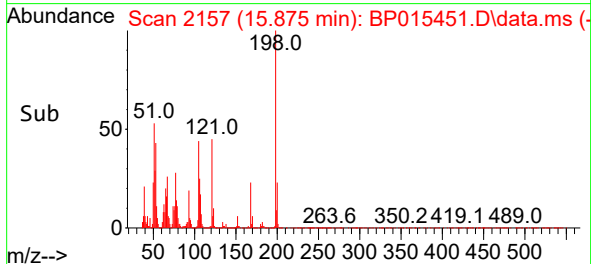
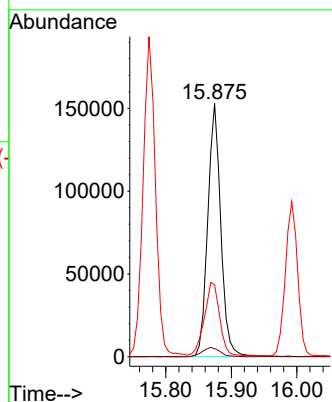
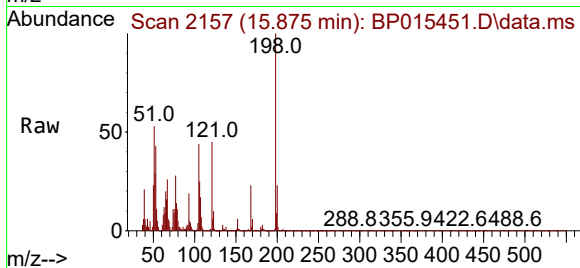




#66
4,6-Dinitro-2-methylphenol
Concen: 35.760 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

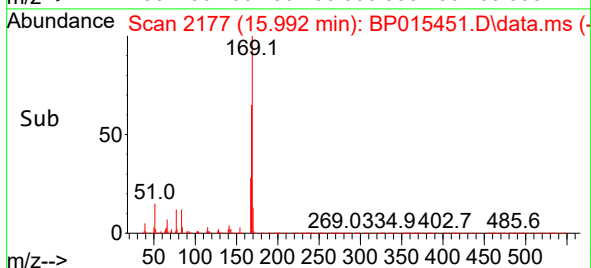
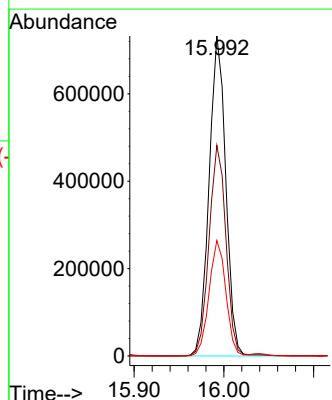
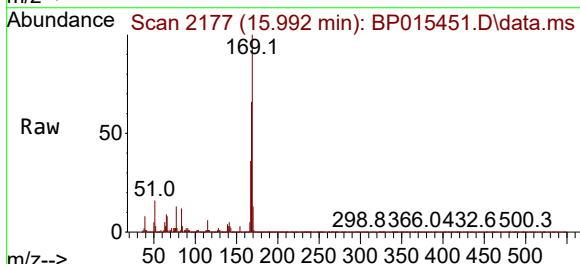
Instrument :
BNA_P
ClientSampleId :
SLCS326

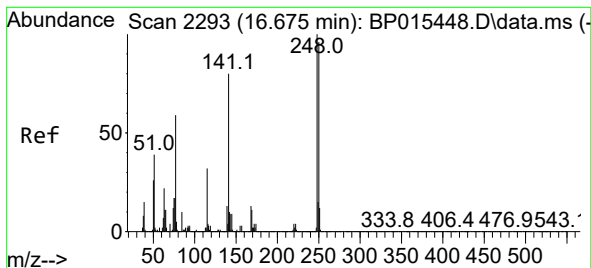
Tgt Ion:198 Resp: 212034
Ion Ratio Lower Upper
198 100
182 3.2 3.0 4.4
77 28.4 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 36.343 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:169 Resp: 946180
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 36.1 28.9 43.3

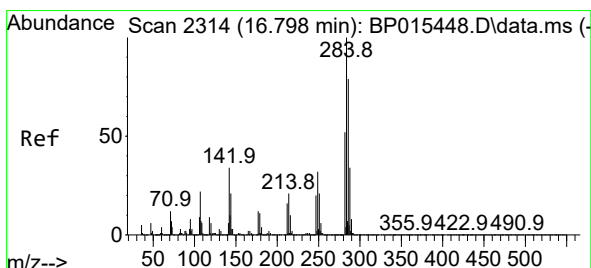
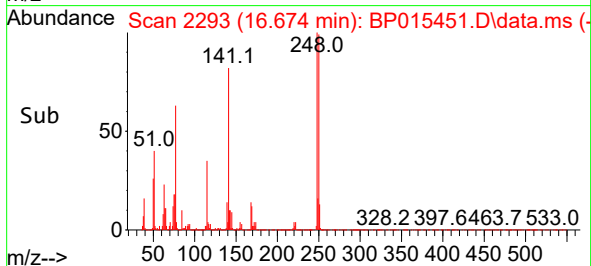
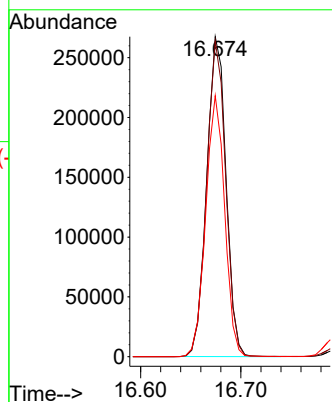
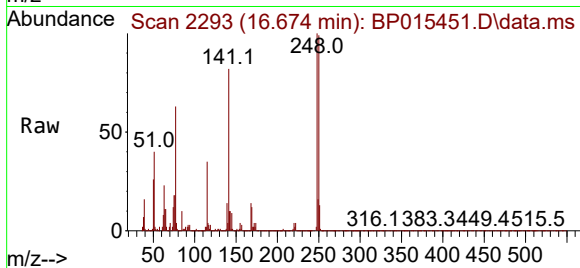




#68
4-Bromophenyl-phenylether
Concen: 36.627 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

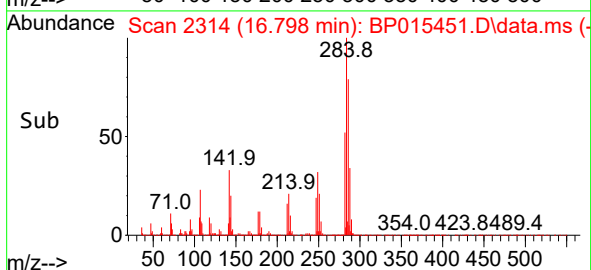
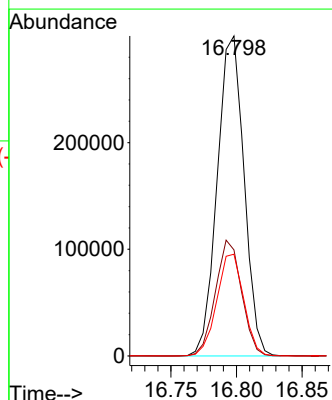
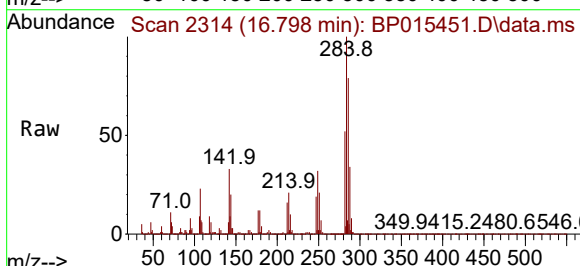
Instrument :
BNA_P
ClientSampleId :
SLCS326

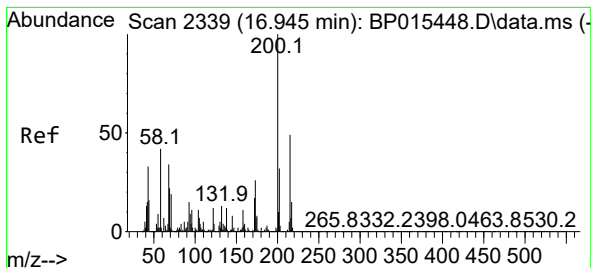
Tgt Ion:248 Resp: 359597
Ion Ratio Lower Upper
248 100
250 98.6 78.3 117.5
141 81.6 61.1 91.7



#69
Hexachlorobenzene
Concen: 36.818 ng/ul
RT: 16.798 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:284 Resp: 426391
Ion Ratio Lower Upper
284 100
142 33.2 25.4 38.2
249 31.8 24.8 37.2





#70

Atrazine

Concen: 16.377 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

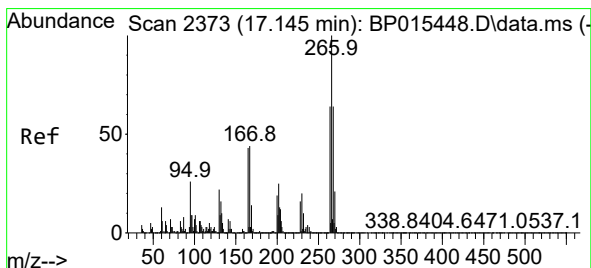
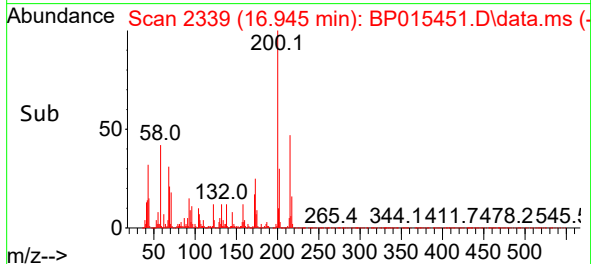
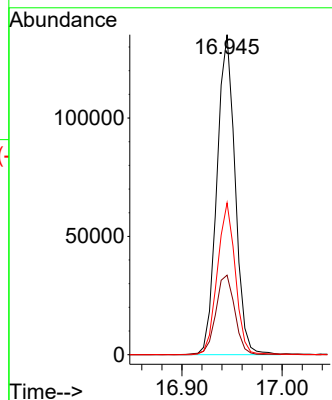
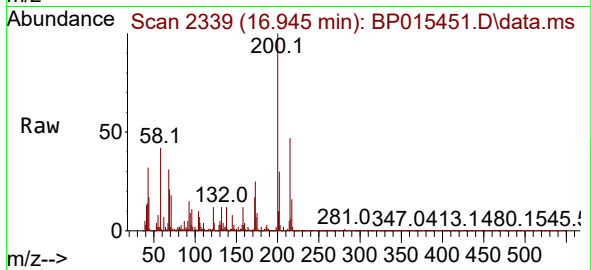
Tgt Ion:200 Resp: 170264

Ion Ratio Lower Upper

200 100

173 24.9 19.8 29.6

215 47.4 37.4 56.0



#71

Pentachlorophenol

Concen: 37.871 ng/ul

RT: 17.145 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

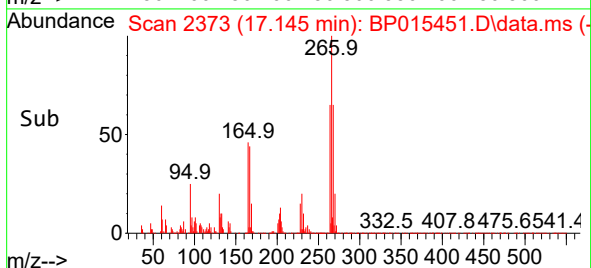
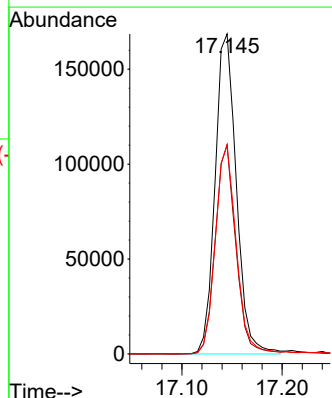
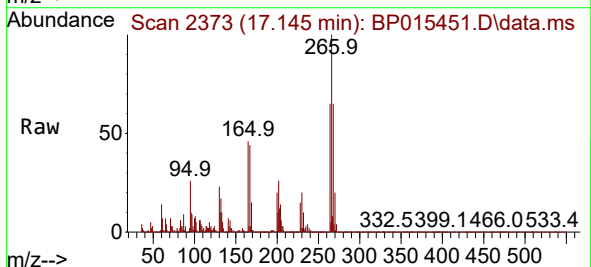
Tgt Ion:266 Resp: 247892

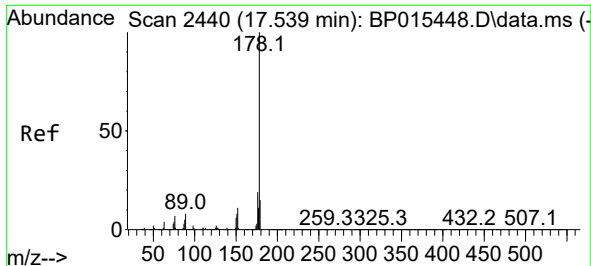
Ion Ratio Lower Upper

266 100

264 65.2 49.6 74.4

268 65.5 51.0 76.6

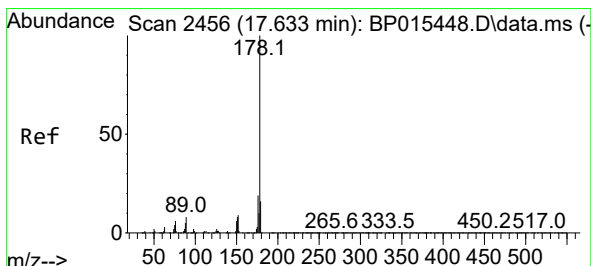
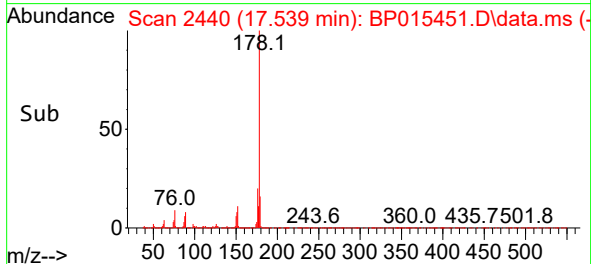
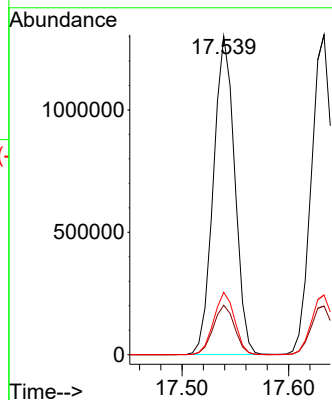
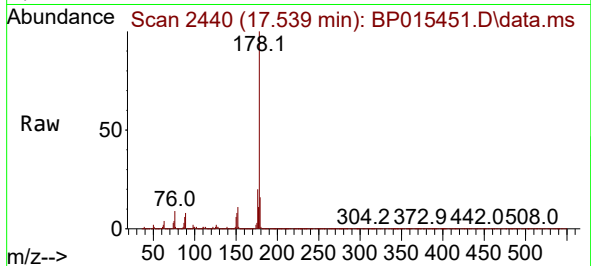




#72
Phenanthrene
Concen: 36.706 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

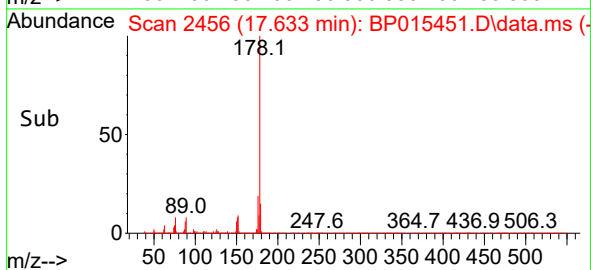
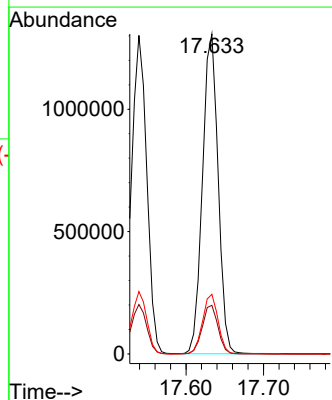
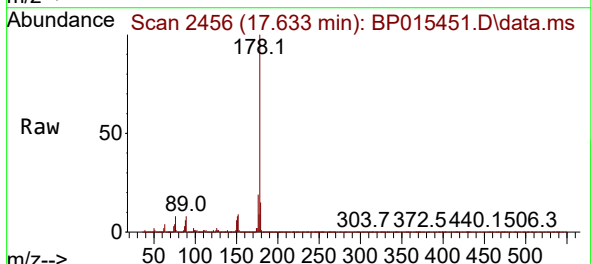
Instrument :
BNA_P
ClientSampleId :
SLCS326

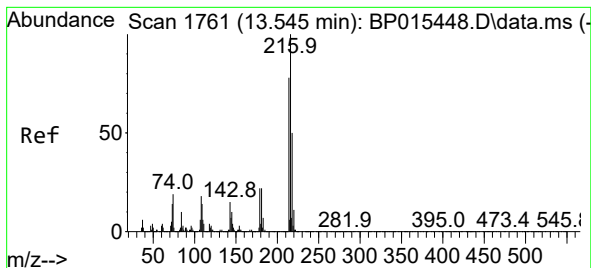
Tgt Ion:178 Resp: 1807672
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.6 15.4 23.0



#74
Anthracene
Concen: 36.621 ng/ul
RT: 17.633 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:178 Resp: 1829862
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.230 ng/uL

RT: 13.545 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

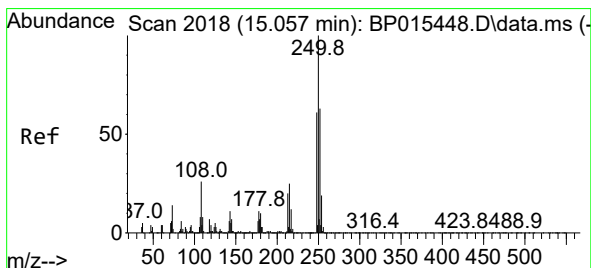
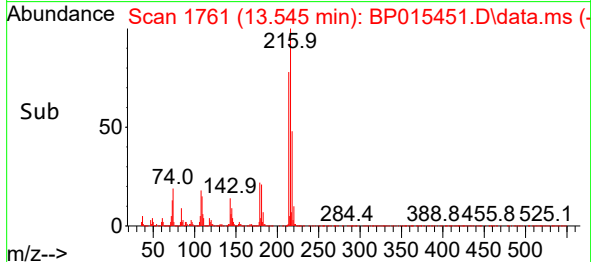
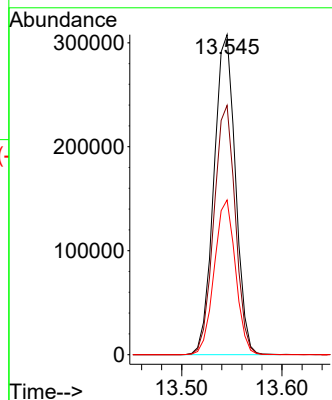
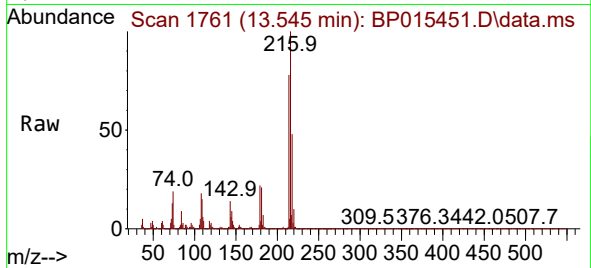
Tgt Ion:216 Resp: 458866

Ion Ratio Lower Upper

216 100

214 77.9 62.1 93.1

218 48.3 39.0 58.4



#76

Pentachlorobenzene

Concen: 35.030 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

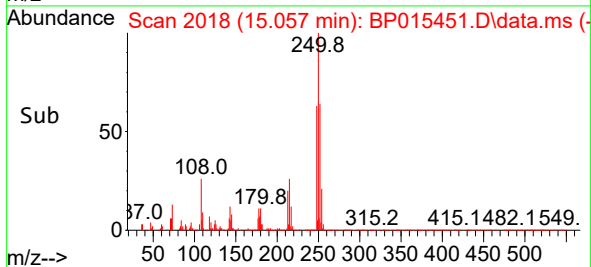
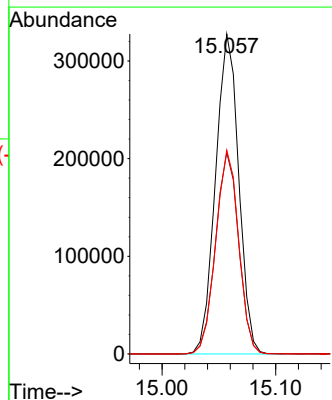
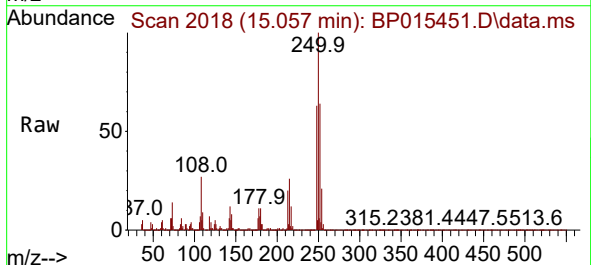
Tgt Ion:250 Resp: 464521

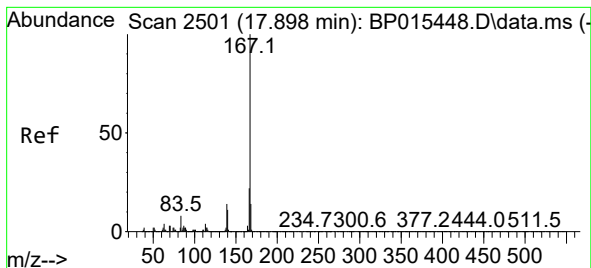
Ion Ratio Lower Upper

250 100

248 62.9 49.0 73.4

252 63.7 49.9 74.9





#77

Carbazole

Concen: 37.512 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

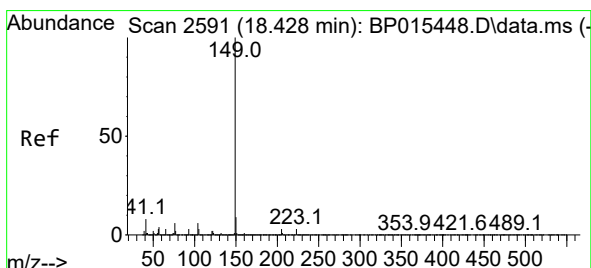
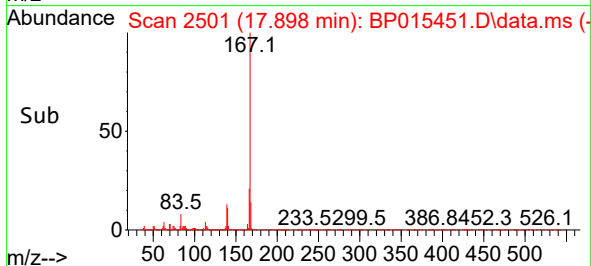
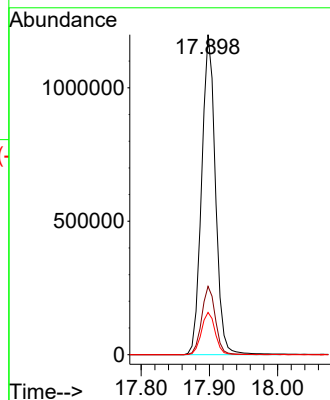
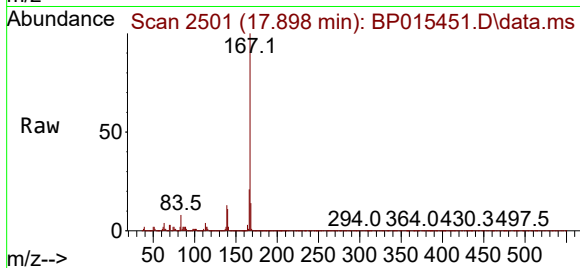
Tgt Ion:167 Resp: 1687735

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.2 10.6 16.0



#78

Di-n-butylphthalate

Concen: 38.169 ng/ul

RT: 18.427 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

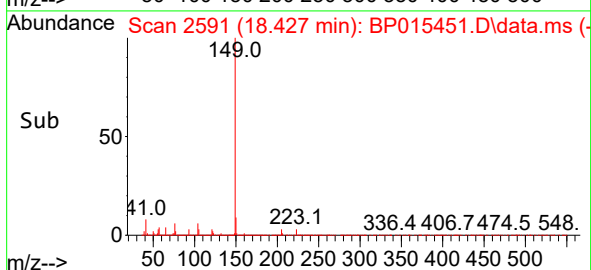
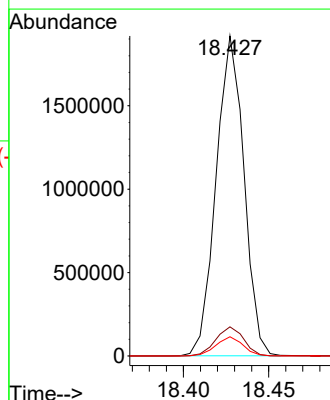
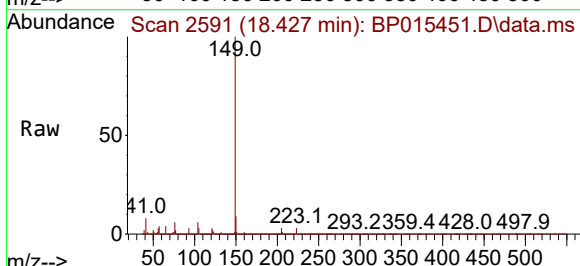
Tgt Ion:149 Resp: 2178890

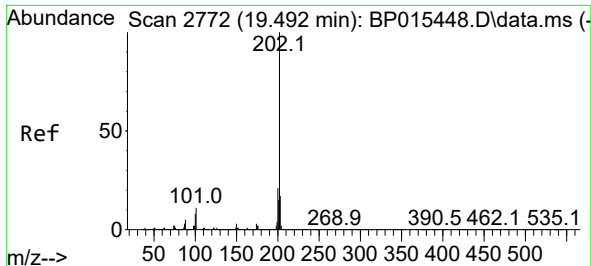
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 6.0 4.5 6.7

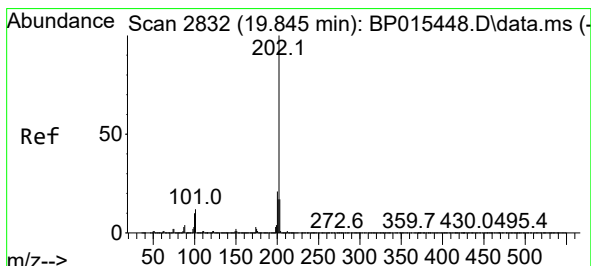
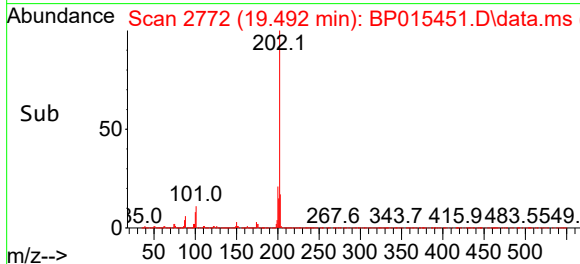
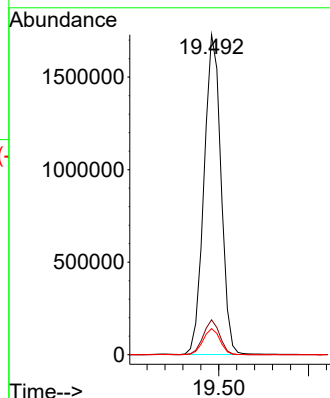
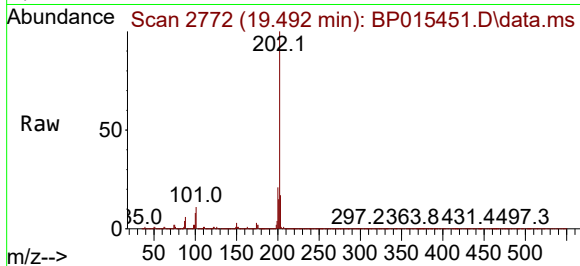




#80
Fluoranthene
Concen: 37.933 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

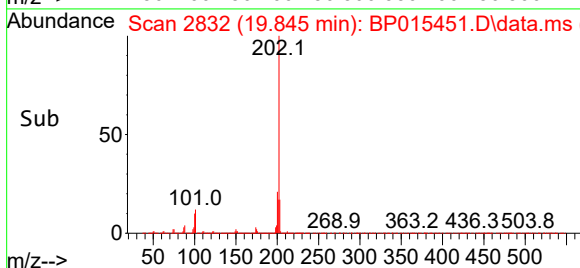
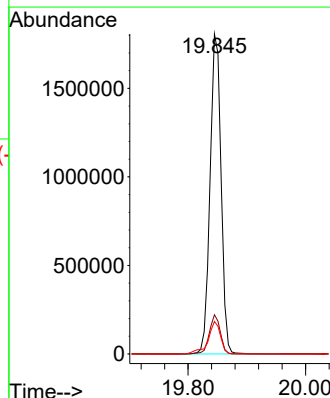
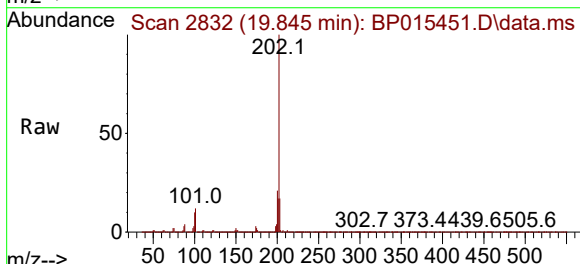
Instrument :
BNA_P
ClientSampleId :
SLCS326

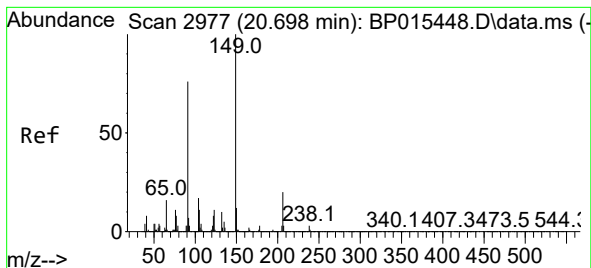
Tgt Ion:202 Resp: 2270286
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 8.1 6.6 9.8



#82
Pyrene
Concen: 37.817 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:202 Resp: 2341622
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 10.2 8.4 12.6





#83

Butylbenzylphthalate

Concen: 39.411 ng/ul

RT: 20.704 min Scan# 2977

Delta R.T. -0.000 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

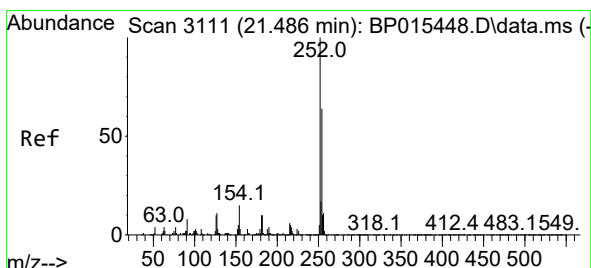
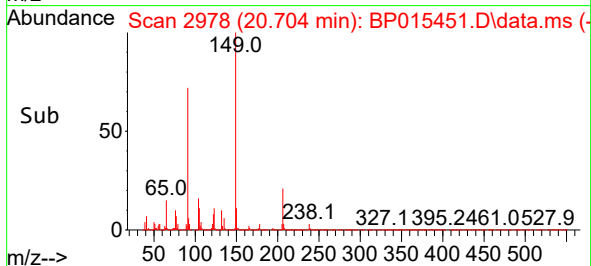
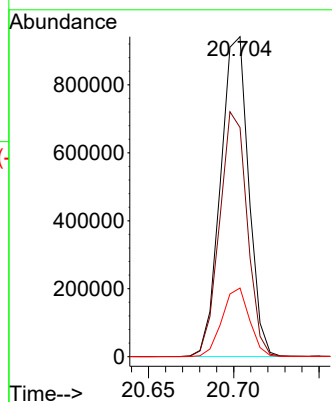
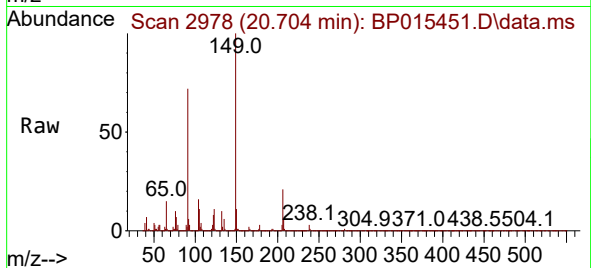
Tgt Ion:149 Resp: 1078594

Ion Ratio Lower Upper

149 100

91 71.6 60.4 90.6

206 21.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 39.178 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

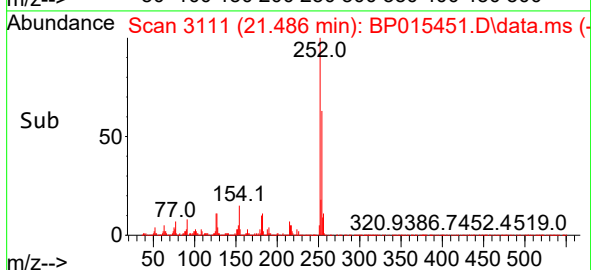
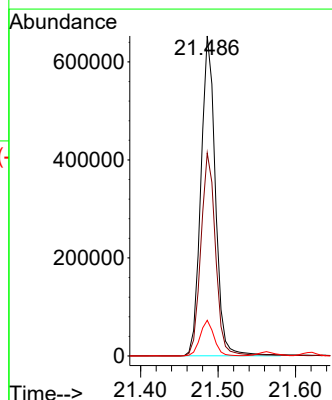
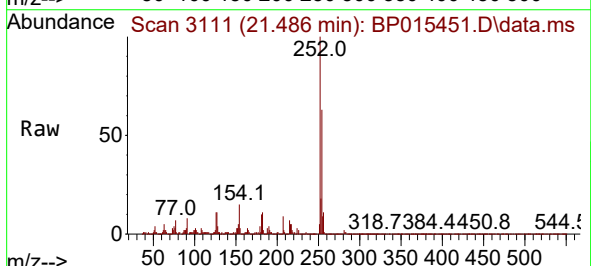
Tgt Ion:252 Resp: 849715

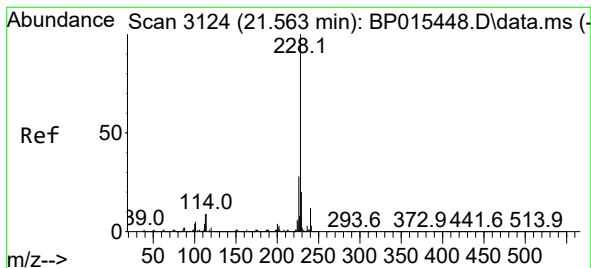
Ion Ratio Lower Upper

252 100

254 63.4 51.6 77.4

126 11.1 8.5 12.7





#85

Benzo(a)anthracene

Concen: 37.307 ng/ul

RT: 21.562 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

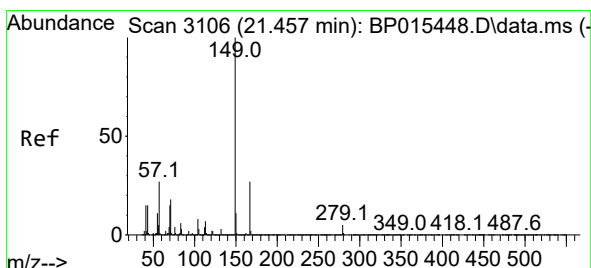
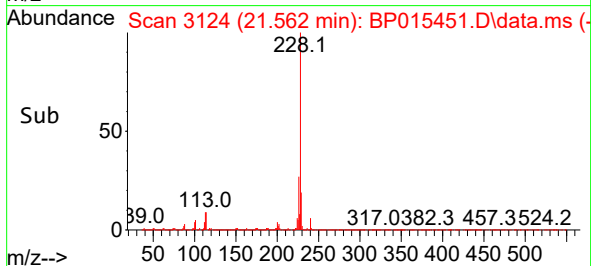
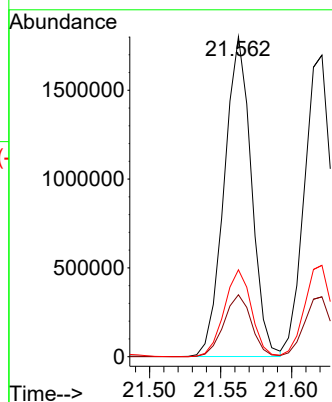
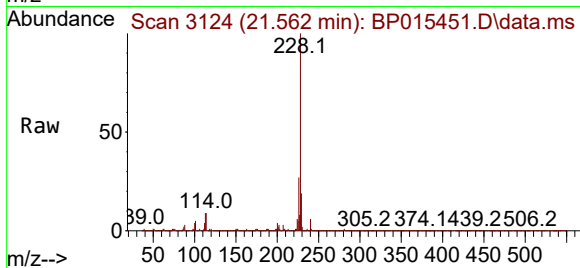
Tgt Ion:228 Resp: 2394257

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.035 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

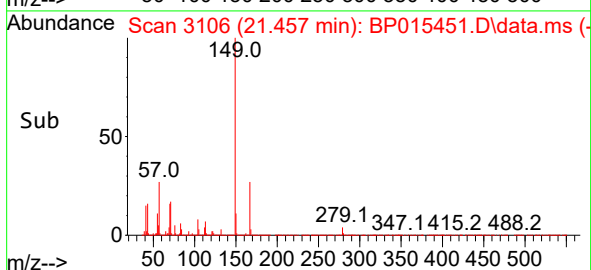
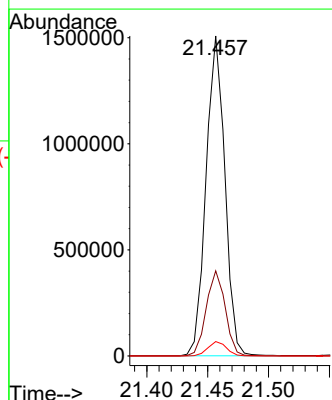
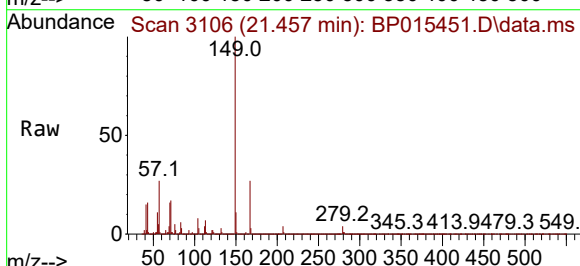
Tgt Ion:149 Resp: 1619485

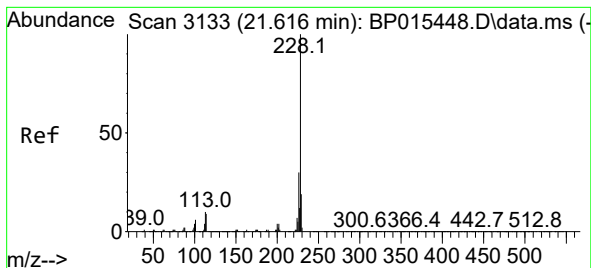
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.5 3.7 5.5





#87

Chrysene

Concen: 37.139 ng/ul

RT: 21.621 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

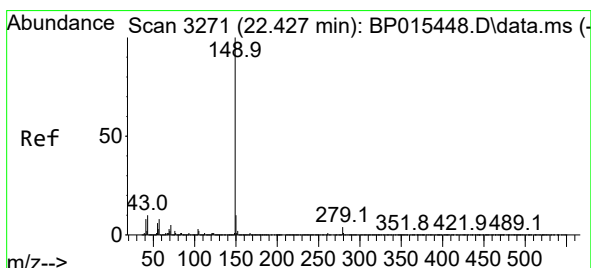
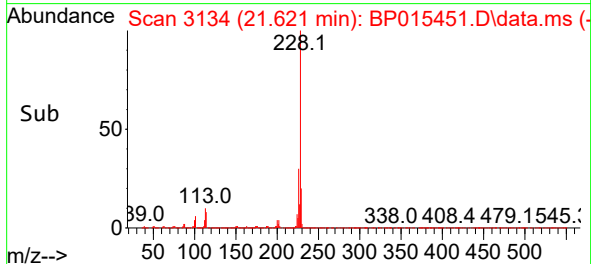
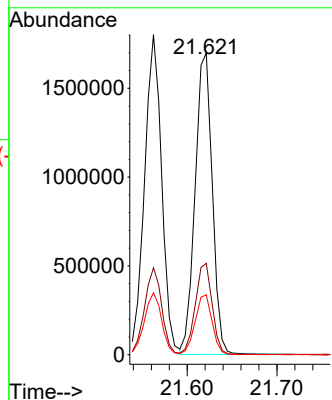
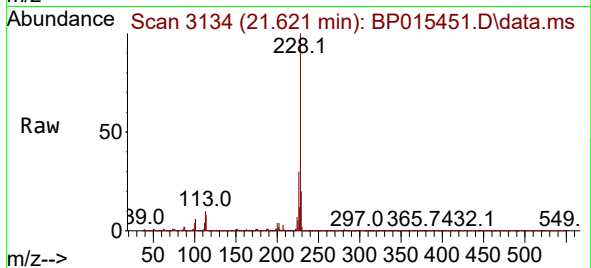
Tgt Ion:228 Resp: 2252865

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.8 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 42.287 ng/ul

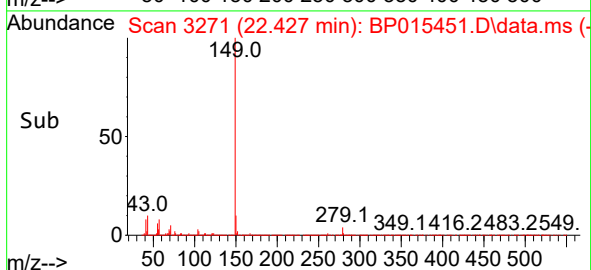
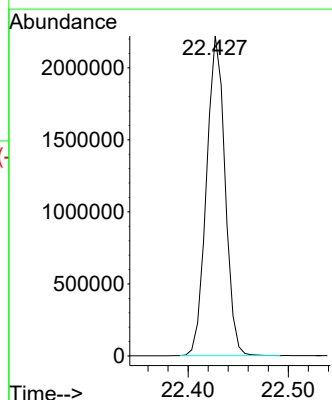
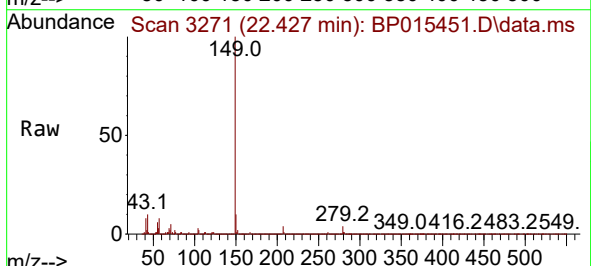
RT: 22.427 min Scan# 3271

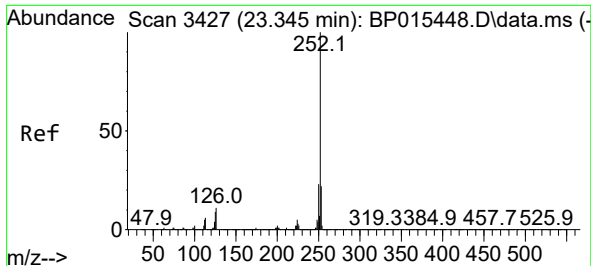
Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Tgt Ion:149 Resp: 2860823

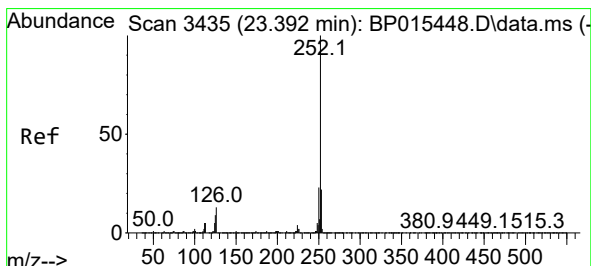
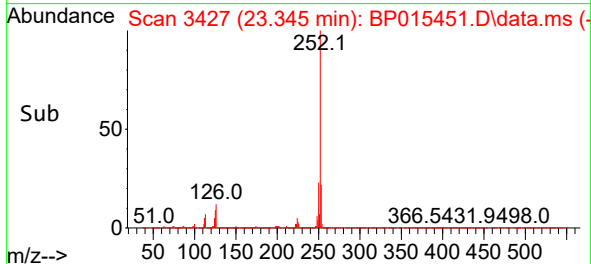
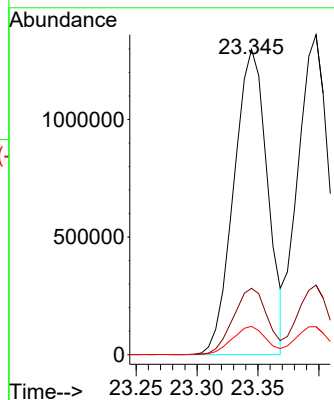
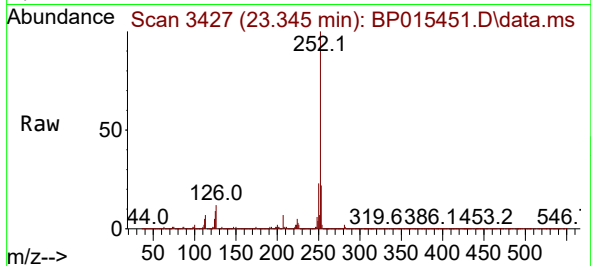




#90
Benzo(b)fluoranthene
Concen: 37.645 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

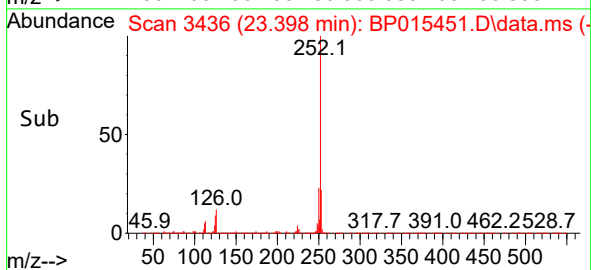
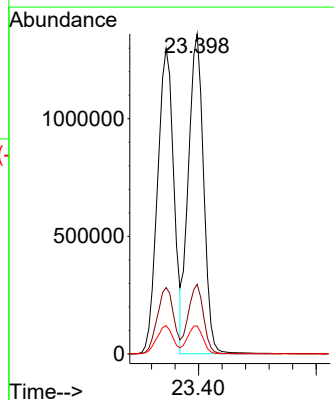
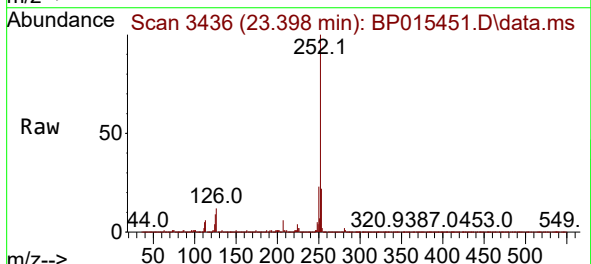
Instrument :
BNA_P
ClientSampleId :
SLCS326

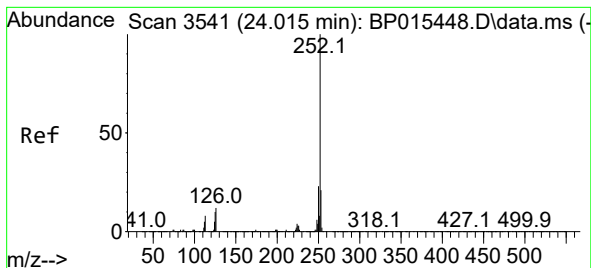
Tgt Ion:252 Resp: 2501300
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.3 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 37.999 ng/ul
RT: 23.398 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015451.D
Acq: 09 Jun 2023 14:36

Tgt Ion:252 Resp: 2440653
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 36.737 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

Instrument :

BNA_P

ClientSampleId :

SLCS326

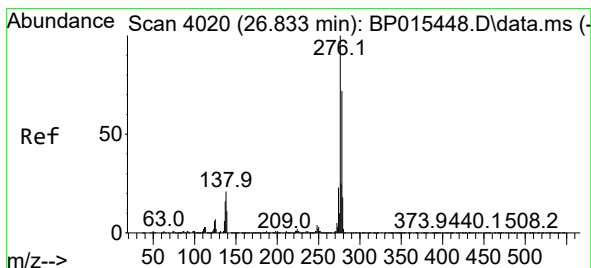
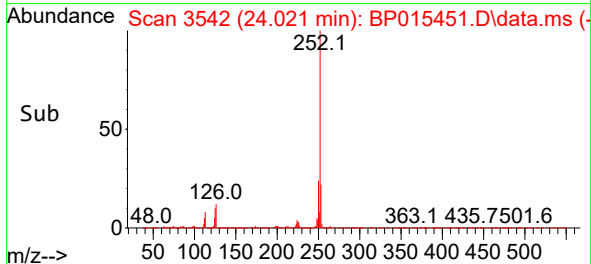
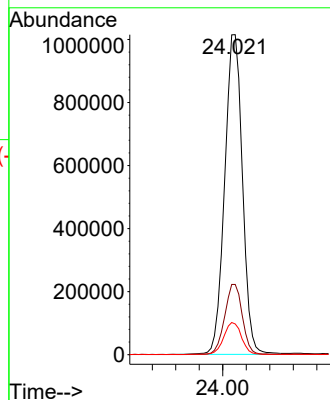
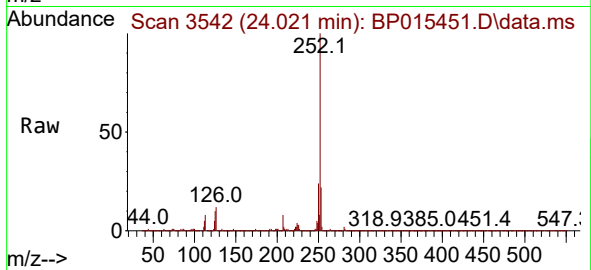
Tgt Ion:252 Resp: 2128179

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.6 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.076 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP015451.D

Acq: 09 Jun 2023 14:36

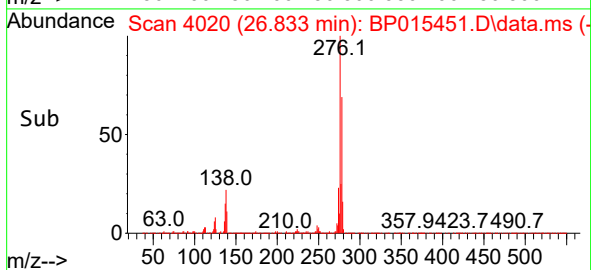
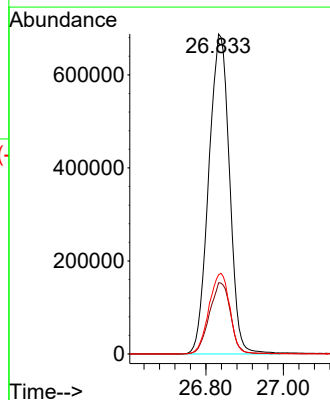
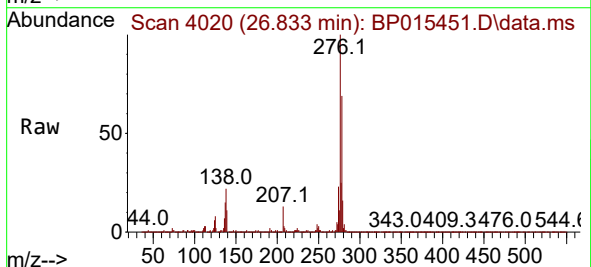
Tgt Ion:276 Resp: 2554759

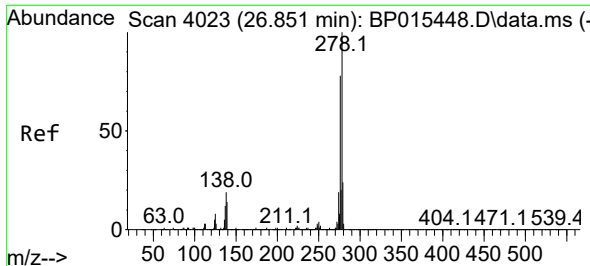
Ion Ratio Lower Upper

276 100

138 22.3 17.3 25.9

277 24.8 20.2 30.2



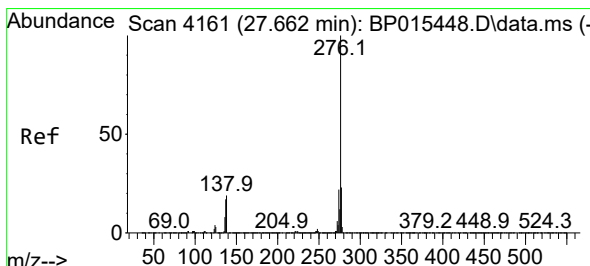
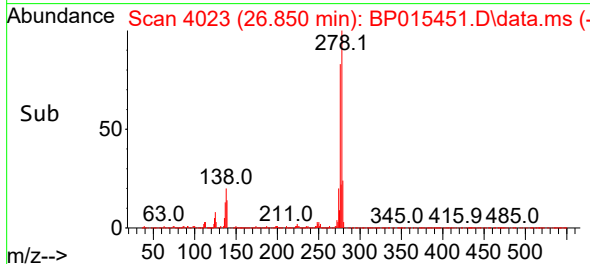
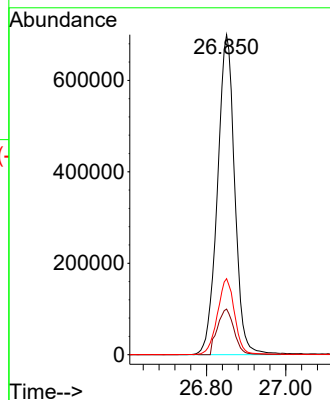
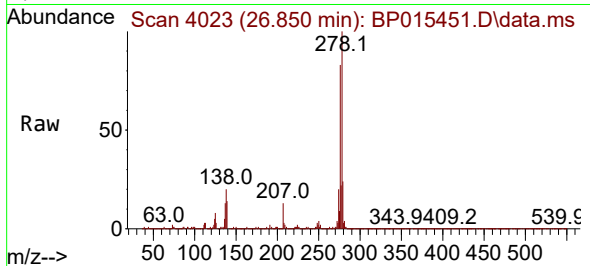


#95
 Dibenzo(a,h)anthracene
 Concen: 34.628 ng/ul
 RT: 26.850 min Scan# 4023
 Delta R.T. -0.012 min
 Lab File: BP015451.D
 Acq: 09 Jun 2023 14:36

Instrument :
 BNA_P
 ClientSampleId :
 SLCS326

Tgt Ion:278 Resp: 2115031

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.0
279	23.7	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 33.046 ng/ul
 RT: 27.668 min Scan# 4162
 Delta R.T. -0.018 min
 Lab File: BP015451.D
 Acq: 09 Jun 2023 14:36

Tgt Ion:276 Resp: 2041737

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.6	23.4
277	24.2	19.0	28.6

