

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
 Data File : BP015450.D
 Acq On : 09 Jun 2023 13:21
 Operator : MA/JU
 Sample : PB153136BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS136

Quant Time: Jun 09 22:56:50 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	227272	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.922	136	1022072	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	688372	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1613980	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1560759	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1747175	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	33444	5.449	ng/uL	0.00
4) Pyridine-d5	3.846	84	435969	27.347	ng/u1	0.00
7) Phenol-d5	7.252	99	641225	30.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	387532	30.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	498154	32.816	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	548287	31.907	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	260596	32.476	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	304475	33.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	549588	32.878	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	695068	28.968	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	1771319	32.632	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	1963078	33.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	314623	32.366	ng/u1	0.00
60) Fluorene-d10	15.734	176	1462529	31.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	329481	32.224	ng/u1	0.00
73) Anthracene-d10	17.598	188	2305171	31.391	ng/u1	0.00
81) Pyrene-d10	19.822	212	2828533	33.861	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	2922333	33.335	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	65123	10.045	ng/uL	90
5) Pyridine	3.864	79	421678	25.514	ng/u1	95
6) Benzaldehyde	7.228	77	357128	44.624	ng/u1	98
8) Phenol	7.275	94	639562	29.608	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.511	93	487004	28.515	ng/u1	98
12) 2-Chlorophenol	7.652	128	473813	29.541	ng/u1	98
13) 2-Methylphenol	8.540	108	486805	29.290	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	656215	28.995	ng/u1	97
16) Acetophenone	8.934	105	794220	28.961	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.922	70	427682	28.895	ng/u1	97
18) 4-Methylphenol	8.875	108	540055	29.534	ng/u1	99
19) Hexachloroethane	9.181	117	198565	29.297	ng/u1	97
22) Nitrobenzene	9.316	77	639706	30.061	ng/u1	99
23) Isophorone	9.846	82	1242436	29.166	ng/u1	99
25) 2-Nitrophenol	10.034	139	298184	30.138	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	598590	28.529	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	716756	28.941	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	508796	30.613	ng/u1	98
30) Naphthalene	10.975	128	1598538	28.863	ng/u1	99
32) 4-Chloroaniline	11.087	127	596462	24.025	ng/u1	98
33) Hexachlorobutadiene	11.252	225	328971	29.350	ng/u1	98
34) Caprolactam	11.881	113	112929	18.050	ng/u1	93
35) 4-Chloro-3-methylphenol	12.204	107	615109	30.546	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	1122570	28.832	ng/u1	99

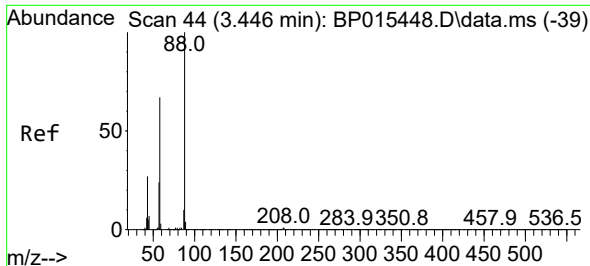
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	1131732	28.869	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	649422	30.297	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	309230	35.194	ng/ul	96
41) 2,4,6-Trichlorophenol	13.181	196	438032	30.703	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	486300	31.280	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	1580141	29.683	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	1239107	29.667	ng/ul	99
45) 2-Nitroaniline	13.828	65	437732	32.746	ng/ul	96
47) Dimethylphthalate	14.193	163	1643985	29.333	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	362815	31.597	ng/ul	98
50) Acenaphthylene	14.463	152	1931113	29.379	ng/ul	100
51) 3-Nitroaniline	14.651	138	351129	37.043	ng/ul	97
52) Acenaphthene	14.804	153	1330779	29.289	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	209193	30.286	ng/ul	98
55) 4-Nitrophenol	14.963	109	290722	31.006	ng/ul	92
56) Dibenzofuran	15.140	168	1887273	29.306	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	513852	30.426	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.363	232	415982	29.634	ng/ul	100
59) Diethylphthalate	15.551	149	1715908	29.873	ng/ul	99
61) Fluorene	15.792	166	1533567	29.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	779605	29.466	ng/ul	99
63) 4-Nitroaniline	15.822	138	370528	41.210	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	305723	29.317	ng/ul	93
67) N-Nitrosodiphenylamine	15.992	169	1339123	29.246	ng/ul	98
68) 4-Bromophenyl-phenylether	16.675	248	520275	30.131	ng/ul	96
69) Hexachlorobenzene	16.798	284	605554	29.731	ng/ul	96
70) Atrazine	16.945	200	319396	17.468	ng/ul	99
71) Pentachlorophenol	17.145	266	355665	30.895	ng/ul	98
72) Phenanthrene	17.539	178	2552884	29.475	ng/ul	100
74) Anthracene	17.634	178	2542134	28.927	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.546	216	669775	30.068	ng/ul	99
76) Pentachlorobenzene	15.057	250	664078	28.474	ng/ul	99
77) Carbazole	17.898	167	2341263	29.588	ng/ul	100
78) Di-n-butylphthalate	18.428	149	3076618	30.645	ng/ul	99
80) Fluoranthene	19.492	202	3154061	30.997	ng/ul	99
82) Pyrene	19.851	202	3218459	30.573	ng/ul	97
83) Butylbenzylphthalate	20.704	149	1511794	32.492	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	1141148	30.948	ng/ul	100
85) Benzo(a)anthracene	21.563	228	3277120	30.035	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	2260826	32.874	ng/ul	99
87) Chrysene	21.622	228	3060940	29.680	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	3939288	34.306	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3388345	30.044	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	3358820	30.809	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2907994	29.574	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.839	276	3502462	27.524	ng/ul	99
95) Dibenzo(a,h)anthracene	26.857	278	2914401	28.111	ng/ul	99
96) Benzo(g,h,i)perylene	27.674	276	2813899	26.832	ng/ul	100

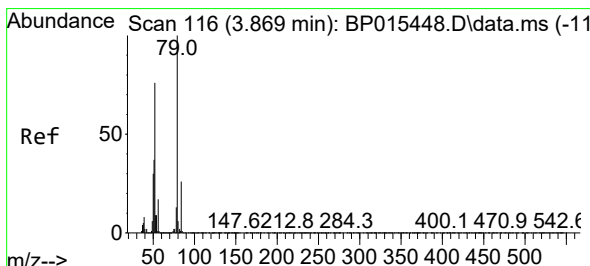
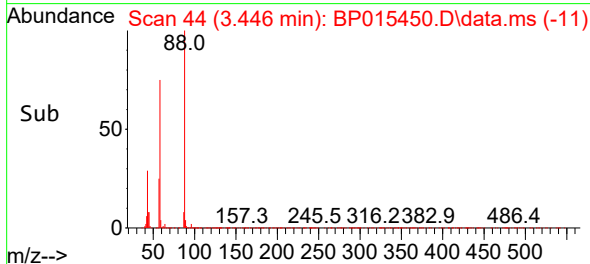
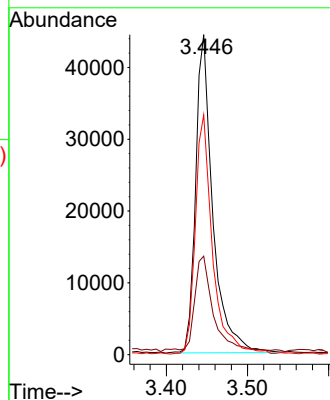
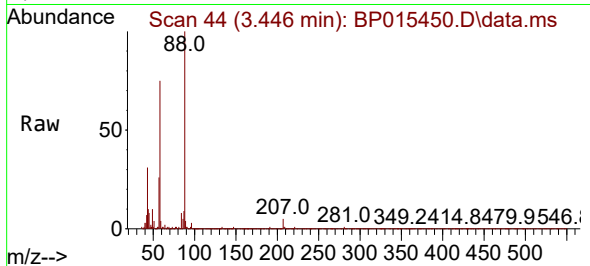
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#2
1,4-Dioxane
Concen: 10.045 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
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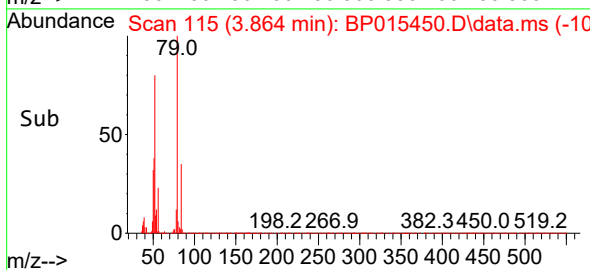
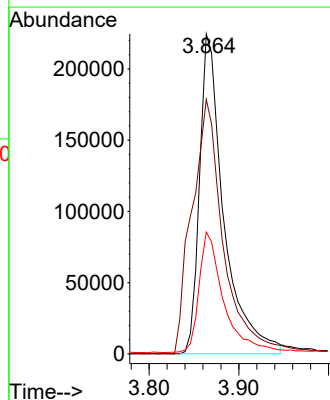
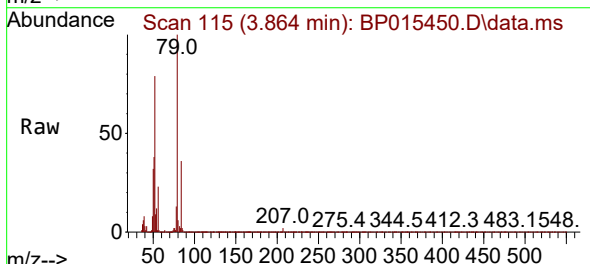
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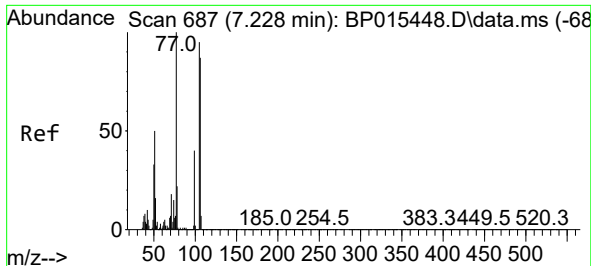
Tgt Ion: 88 Resp: 65123
Ion Ratio Lower Upper
88 100
43 30.8 23.9 35.9
58 75.0 51.4 77.2



#5
Pyridine
Concen: 25.514 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. -0.012 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion: 79 Resp: 421678
Ion Ratio Lower Upper
79 100
52 79.5 59.5 89.3
51 38.1 29.8 44.6

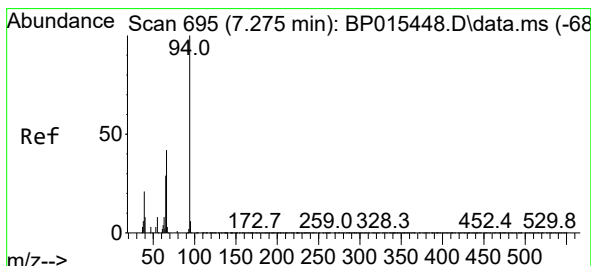
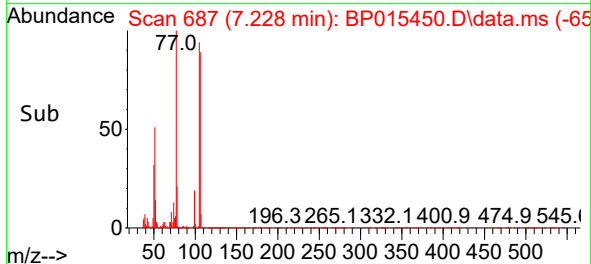
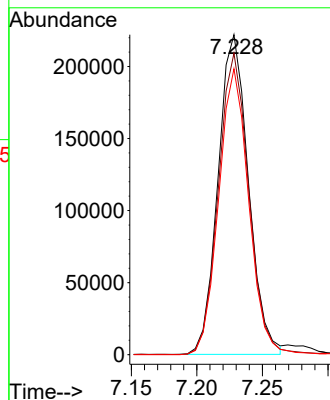
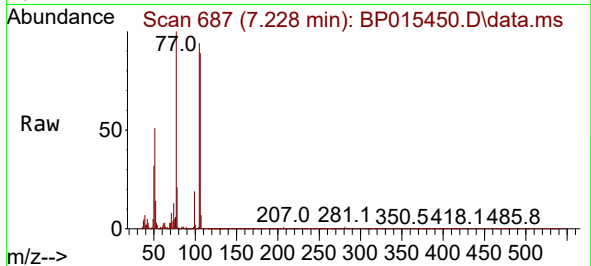




#6
Benzaldehyde
Concen: 44.624 ng/ul
RT: 7.228 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

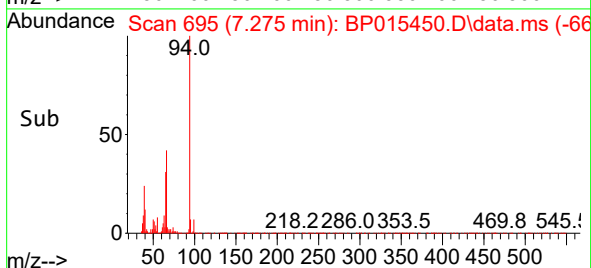
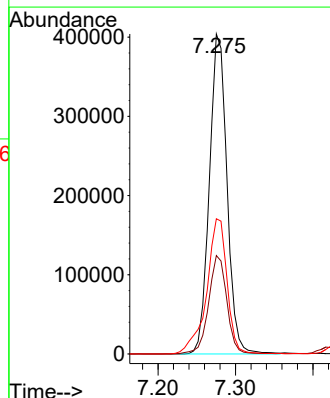
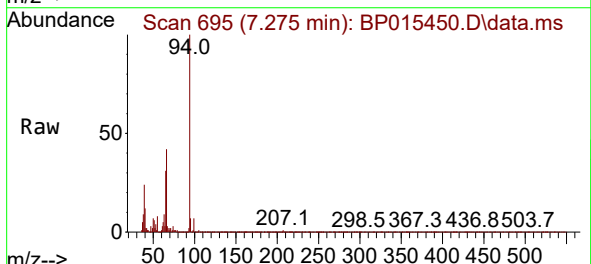
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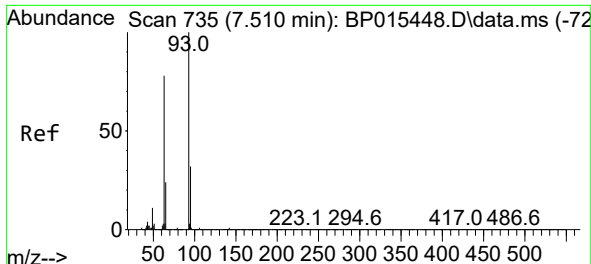
Tgt Ion: 77 Resp: 357128
Ion Ratio Lower Upper
77 100
105 94.2 77.3 115.9
106 89.3 73.3 109.9



#8
Phenol
Concen: 29.608 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion: 94 Resp: 639562
Ion Ratio Lower Upper
94 100
65 30.8 23.5 35.3
66 42.3 34.2 51.4

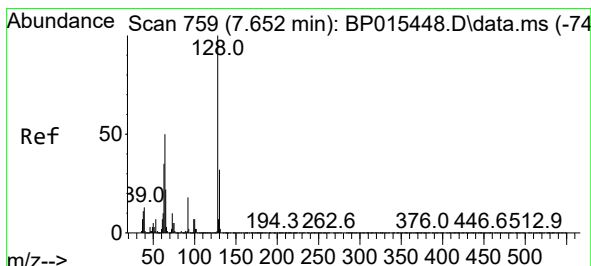
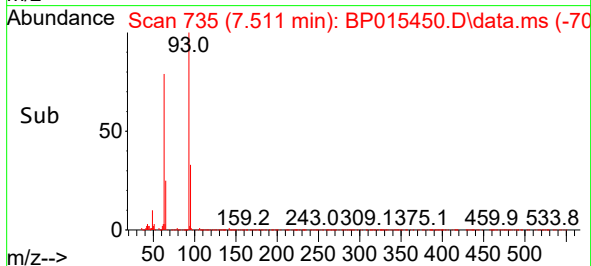
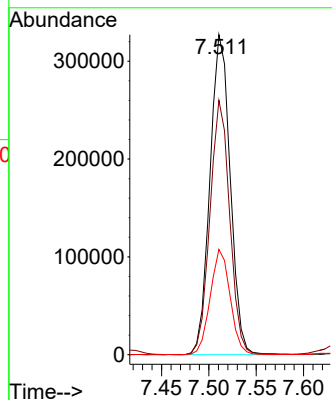
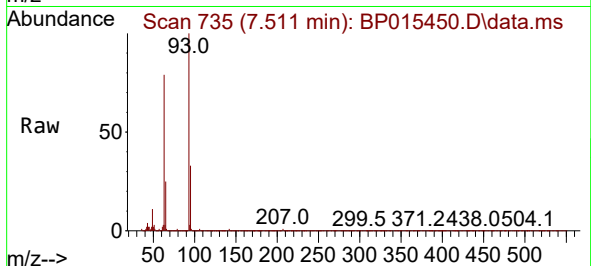




#10
Bis(2-Chloroethyl)ether
Concen: 28.515 ng/ul
RT: 7.511 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

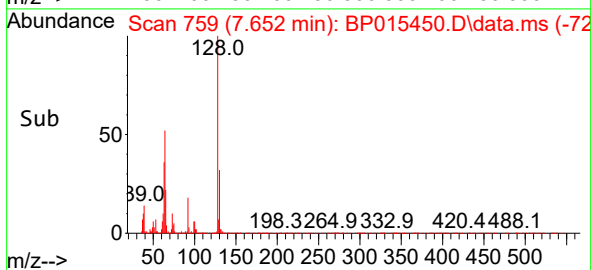
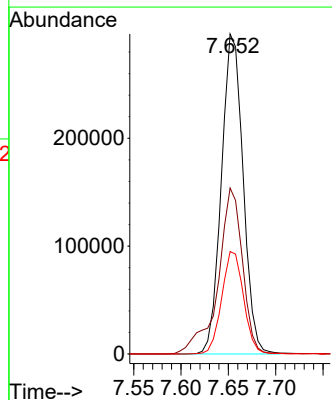
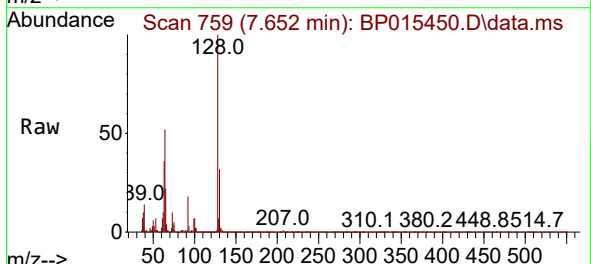
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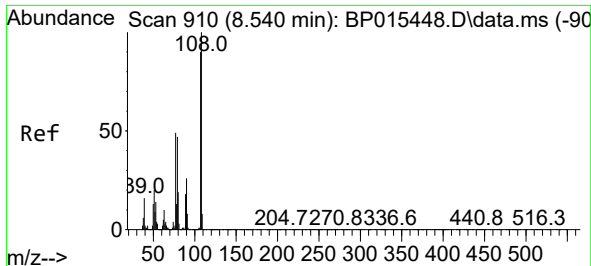
Tgt Ion: 93 Resp: 487004
Ion Ratio Lower Upper
93 100
63 79.5 62.6 93.8
95 32.9 25.5 38.3



#12
2-Chlorophenol
Concen: 29.541 ng/ul
RT: 7.652 min Scan# 759
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:128 Resp: 473813
Ion Ratio Lower Upper
128 100
64 51.9 40.2 60.4
130 32.0 24.5 36.7

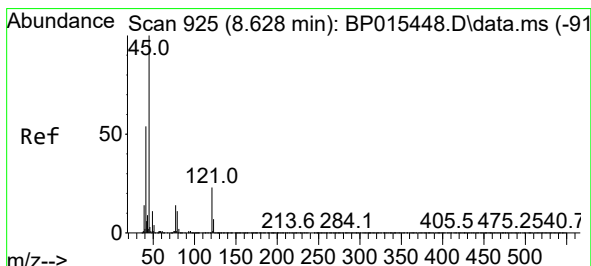
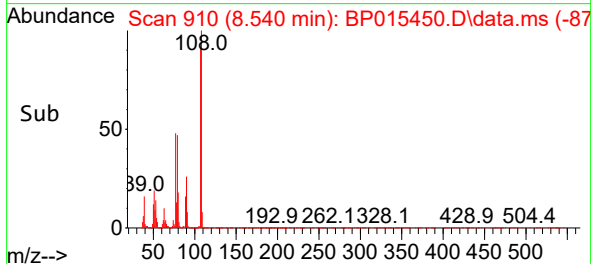
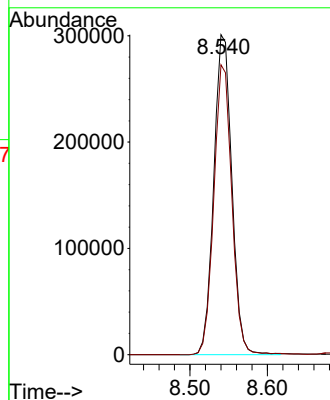
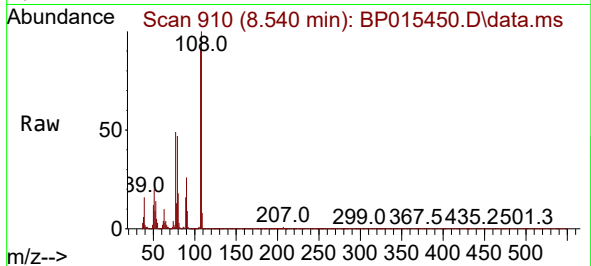




#13
2-Methylphenol
Concen: 29.290 ng/ul
RT: 8.540 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP015450.D
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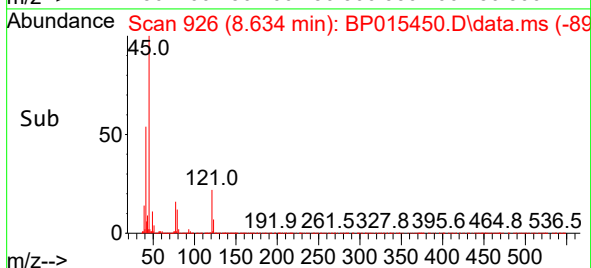
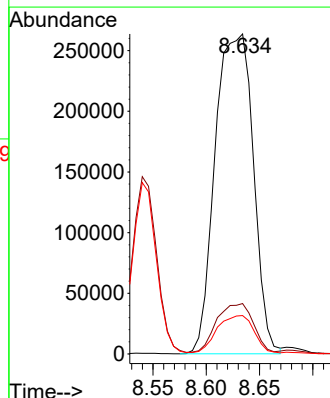
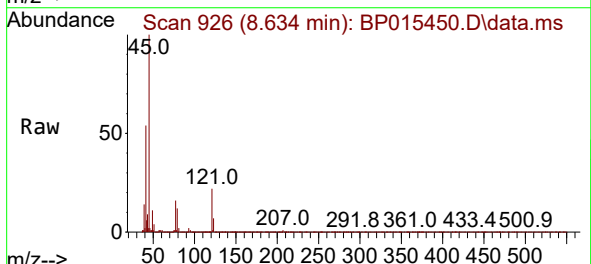
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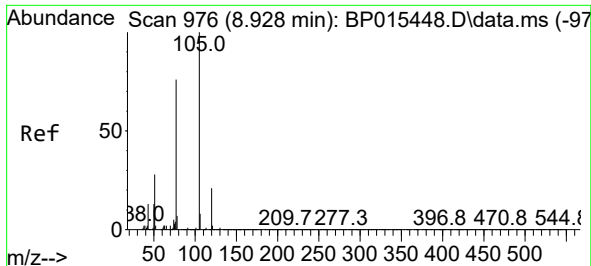
Tgt Ion:108 Resp: 486805
Ion Ratio Lower Upper
108 100
107 90.6 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.995 ng/ul
RT: 8.634 min Scan# 926
Delta R.T. 0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion: 45 Resp: 656215
Ion Ratio Lower Upper
45 100
77 15.7 11.8 17.8
79 12.0 8.7 13.1

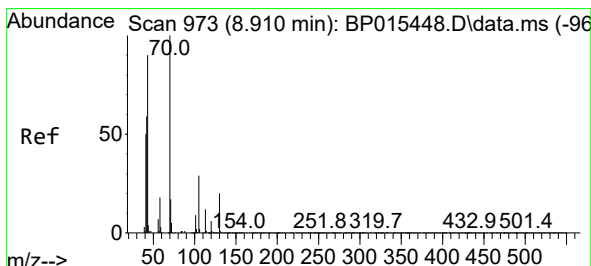
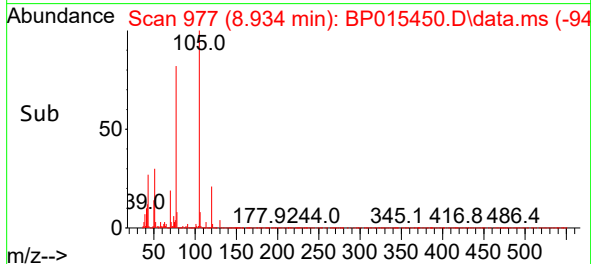
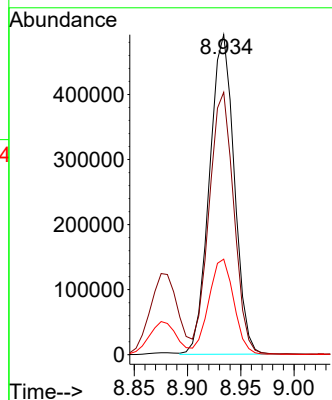
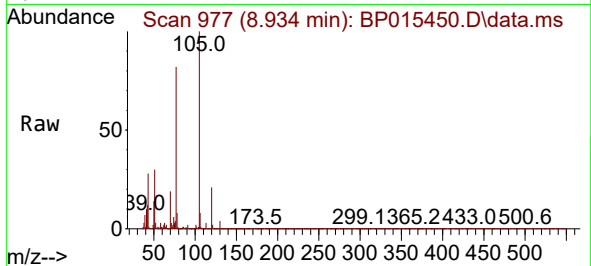




#16
 Acetophenone
 Concen: 28.961 ng/ul
 RT: 8.934 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP015450.D
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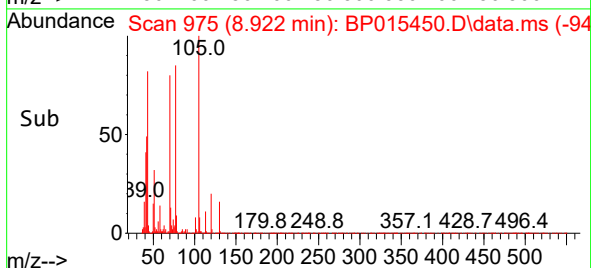
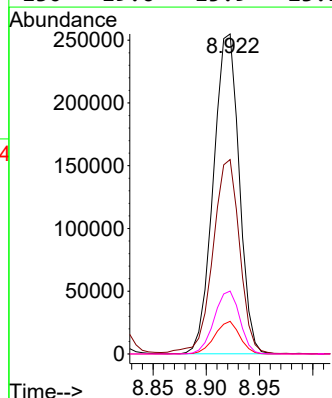
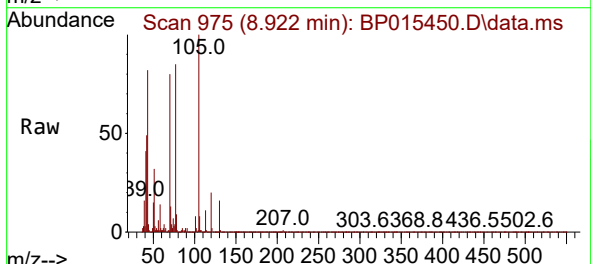
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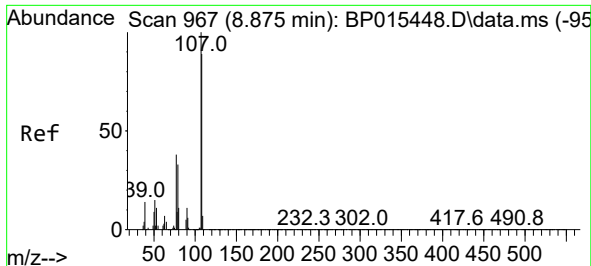
Tgt Ion:105 Resp: 794220
 Ion Ratio Lower Upper
 105 100
 77 82.0 64.9 97.3
 51 29.8 23.5 35.3



#17
 N-Nitroso-di-n-propylamine
 Concen: 28.895 ng/ul
 RT: 8.922 min Scan# 975
 Delta R.T. 0.006 min
 Lab File: BP015450.D
 Acq: 09 Jun 2023 13:21

Tgt Ion: 70 Resp: 427682
 Ion Ratio Lower Upper
 70 100
 42 60.7 46.6 69.8
 101 10.2 7.8 11.6
 130 19.6 15.9 23.9

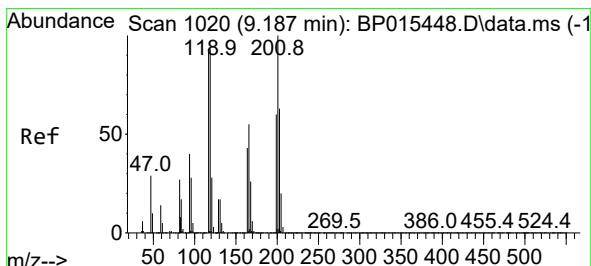
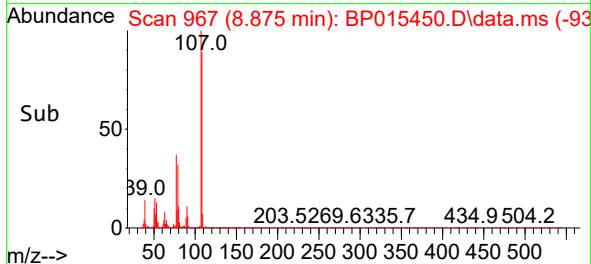
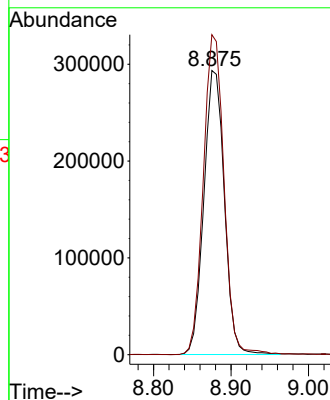
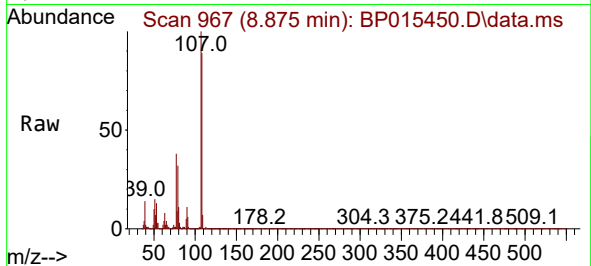




#18
4-Methylphenol
Concen: 29.534 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

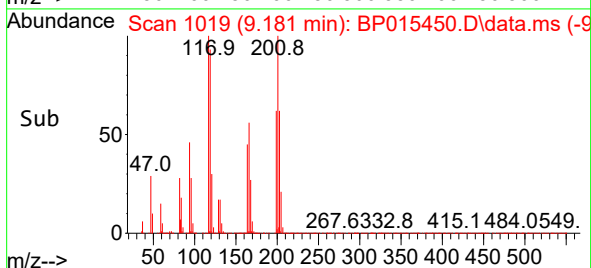
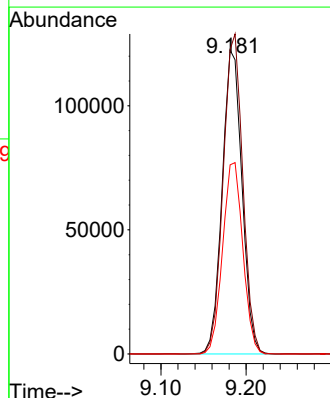
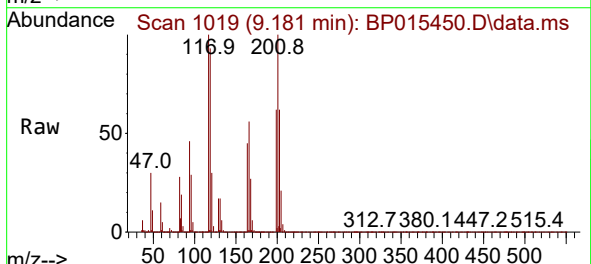
Instrument :
BNA_P
ClientSampleId :
SLCS136

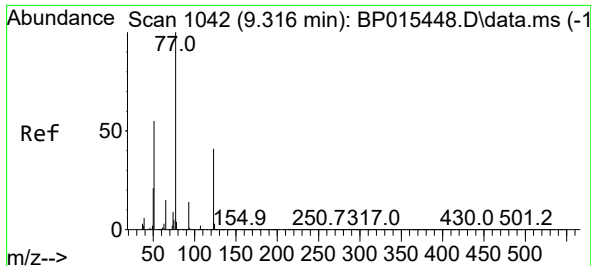
Tgt Ion:108 Resp: 540055
Ion Ratio Lower Upper
108 100
107 112.6 89.3 133.9



#19
Hexachloroethane
Concen: 29.297 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:117 Resp: 198565
Ion Ratio Lower Upper
117 100
201 100.2 82.8 124.2
199 62.2 50.6 76.0

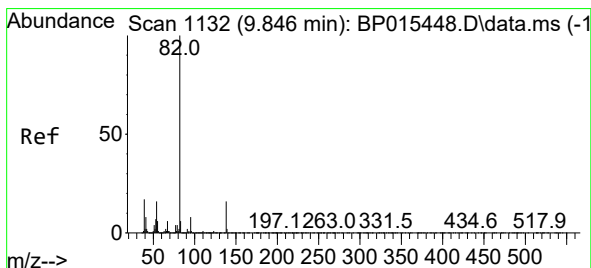
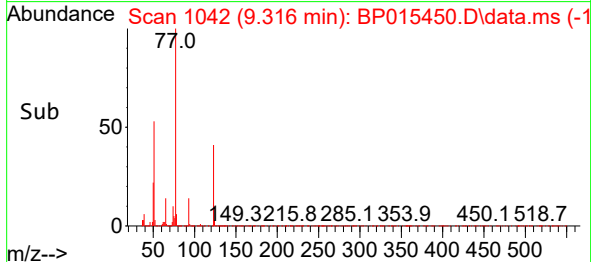
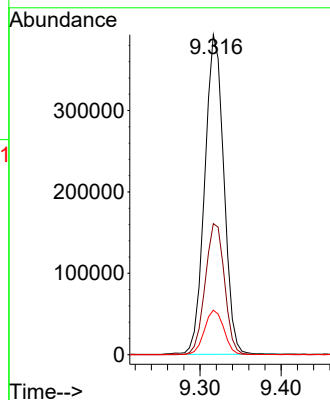
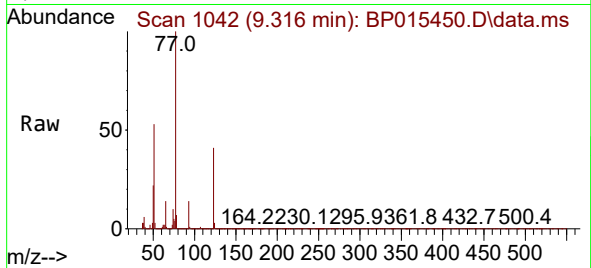




#22
Nitrobenzene
Concen: 30.061 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

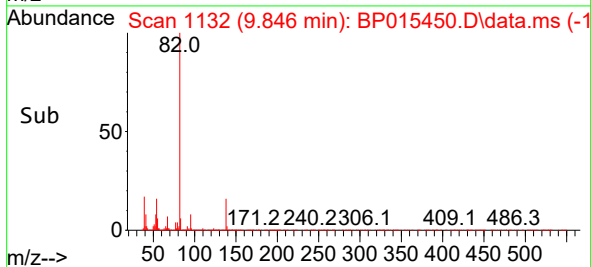
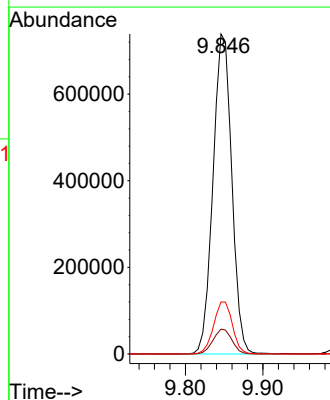
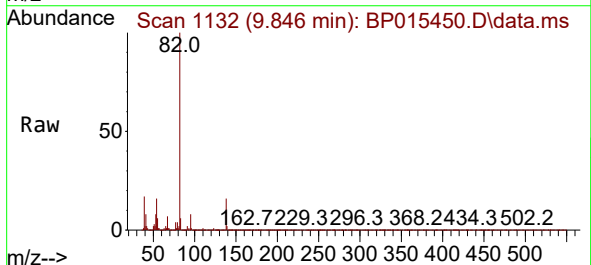
Instrument :
BNA_P
ClientSampleId :
SLCS136

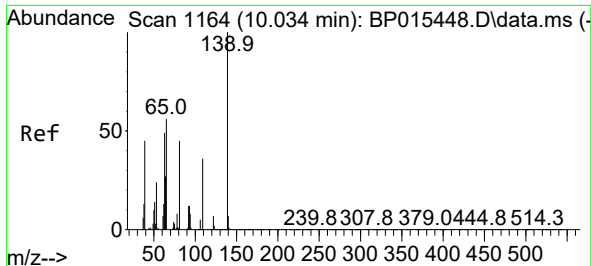
Tgt Ion: 77 Resp: 639706
Ion Ratio Lower Upper
77 100
123 41.0 33.5 50.3
65 13.9 11.6 17.4



#23
Isophorone
Concen: 29.166 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion: 82 Resp: 1242436
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.3 13.1 19.7

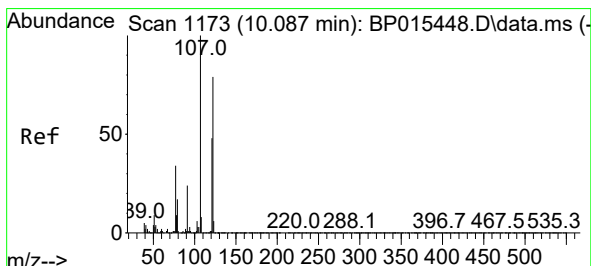
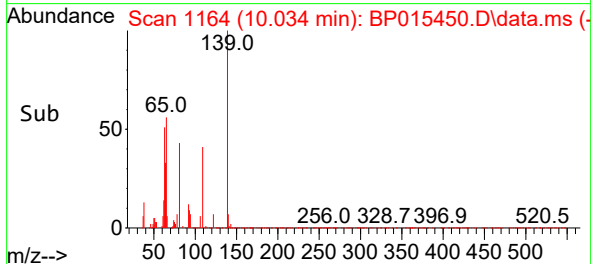
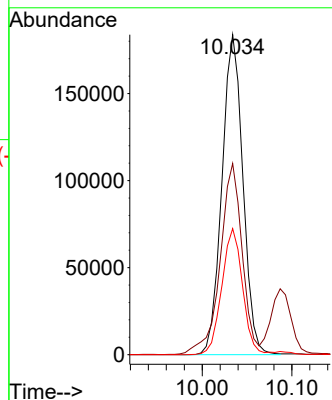
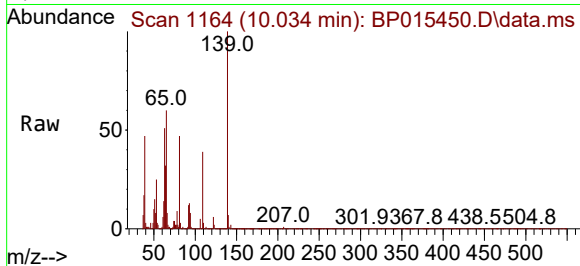




#25
2-Nitrophenol
Concen: 30.138 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

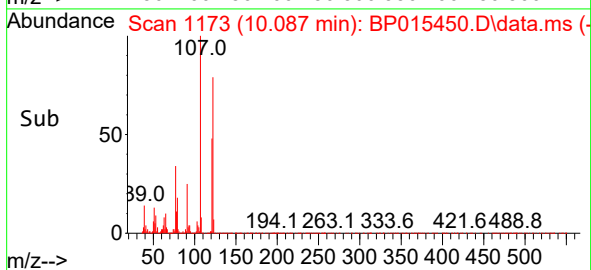
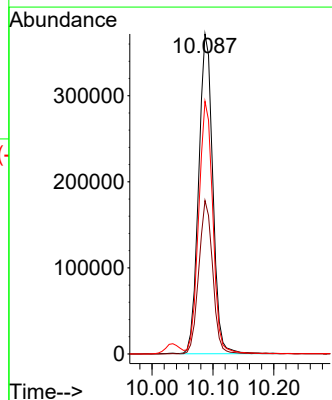
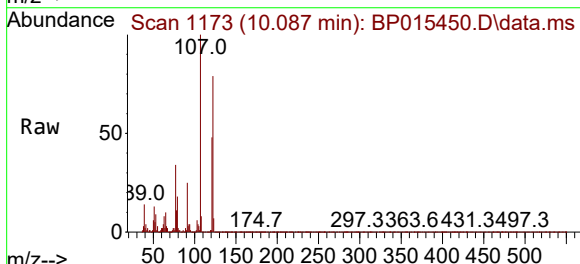
Instrument :
BNA_P
ClientSampleId :
SLCS136

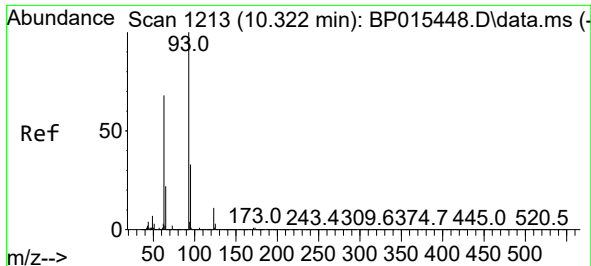
Tgt Ion:139 Resp: 298184
Ion Ratio Lower Upper
139 100
65 59.8 46.9 70.3
109 39.4 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 28.529 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:107 Resp: 598590
Ion Ratio Lower Upper
107 100
121 47.9 39.0 58.6
122 78.9 64.8 97.2





#27

Bis(2-Chloroethoxy)methane

Concen: 28.941 ng/ul

RT: 10.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

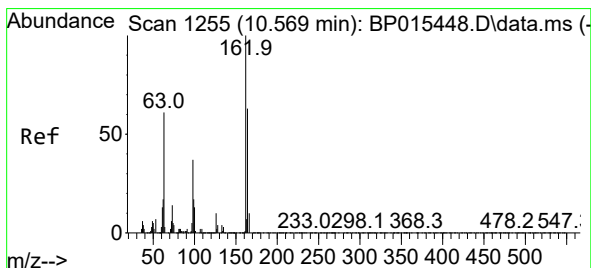
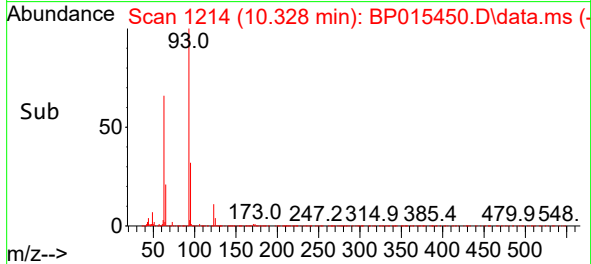
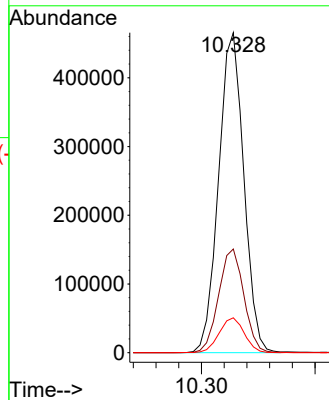
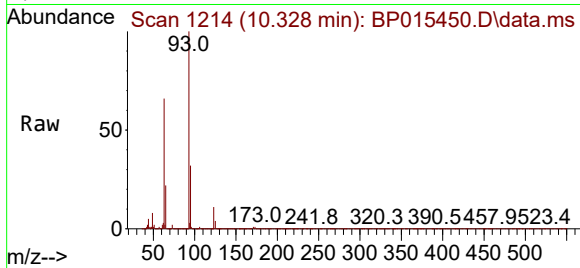
Tgt Ion: 93 Resp: 716756

Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

123 10.9 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 30.613 ng/ul

RT: 10.569 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

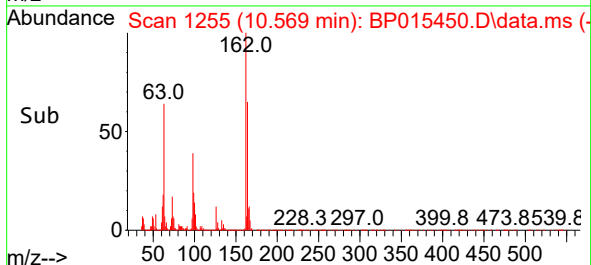
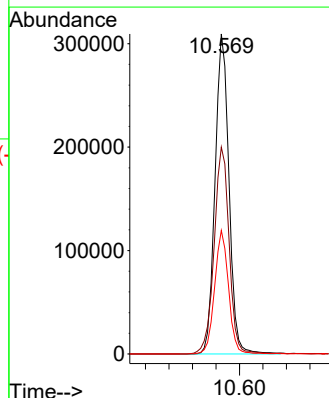
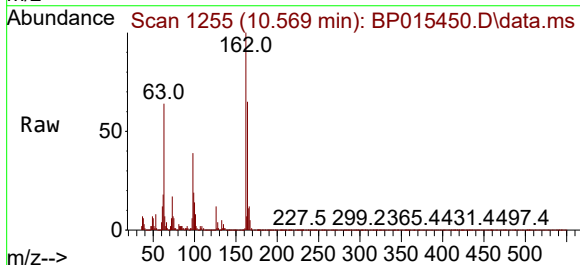
Tgt Ion:162 Resp: 508796

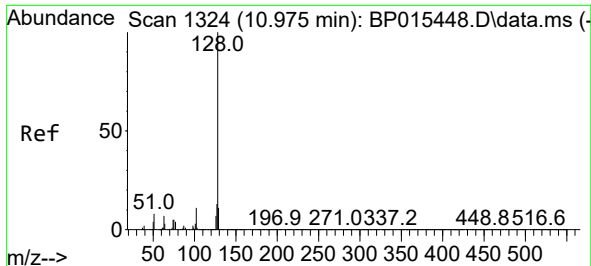
Ion Ratio Lower Upper

162 100

164 64.7 50.6 76.0

98 38.6 30.2 45.2

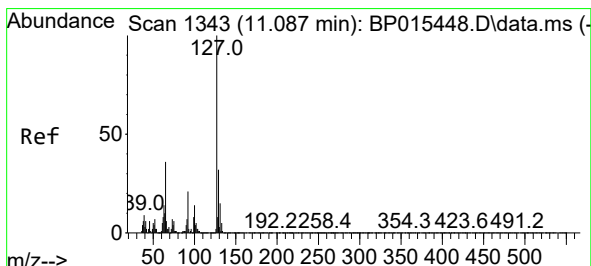
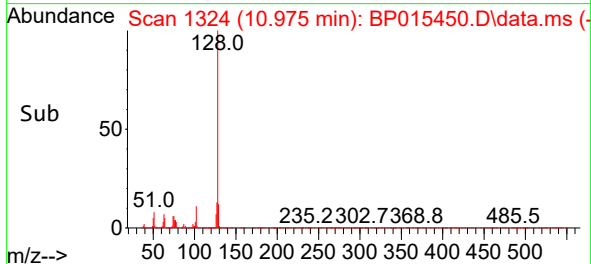
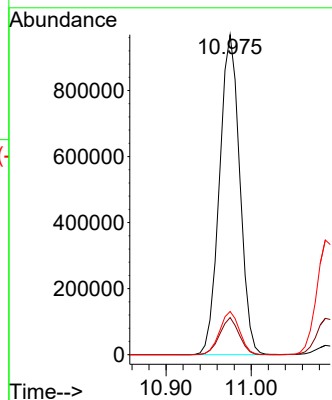
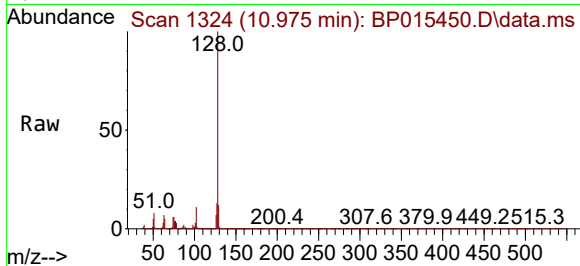




#30
Naphthalene
Concen: 28.863 ng/ul
RT: 10.975 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

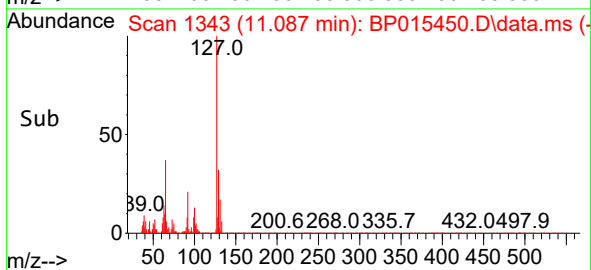
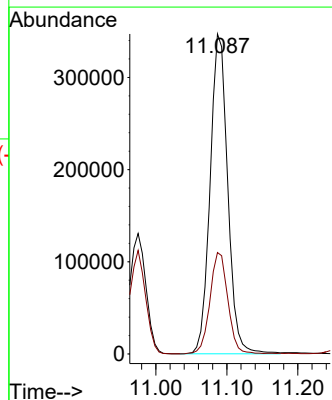
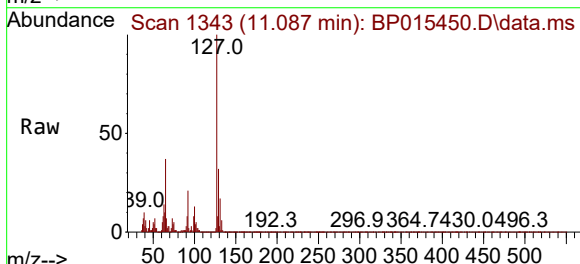
Instrument :
BNA_P
ClientSampleId :
SLCS136

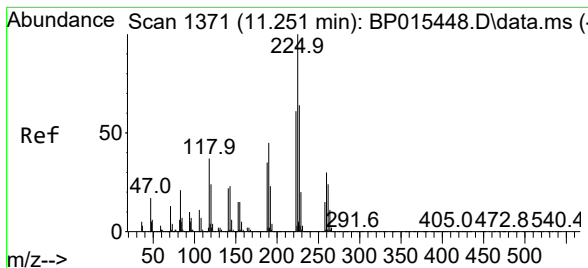
Tgt Ion:128 Resp: 1598538
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.5 15.7



#32
4-Chloroaniline
Concen: 24.025 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:127 Resp: 596462
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 29.350 ng/ul

RT: 11.252 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

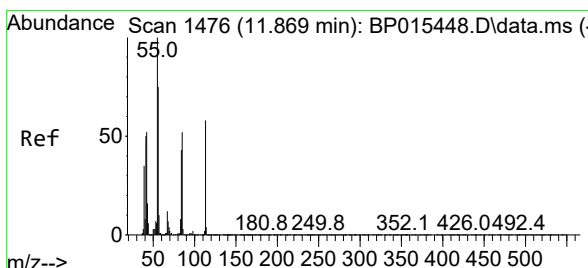
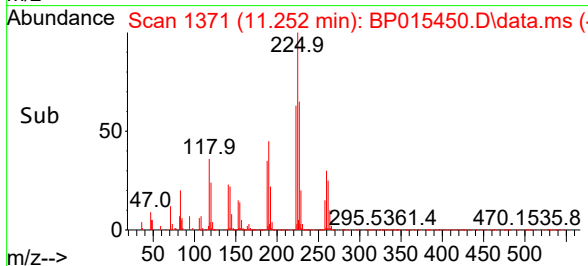
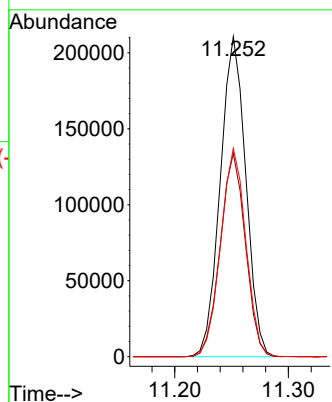
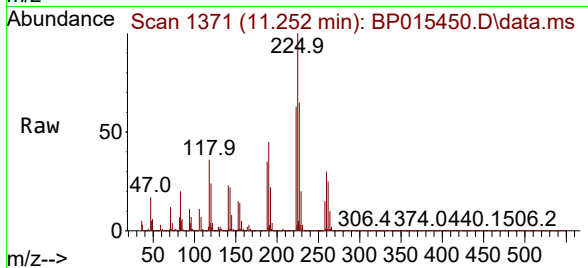
Tgt Ion:225 Resp: 328971

Ion Ratio Lower Upper

225 100

223 63.5 52.0 78.0

227 65.1 50.6 75.8



#34

Caprolactam

Concen: 18.050 ng/ul

RT: 11.881 min Scan# 1478

Delta R.T. 0.012 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

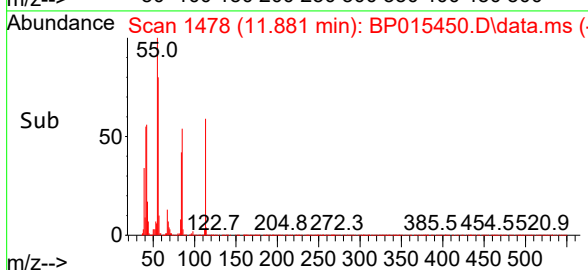
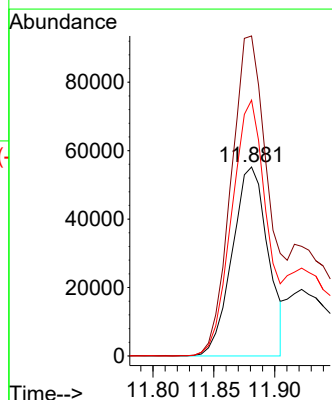
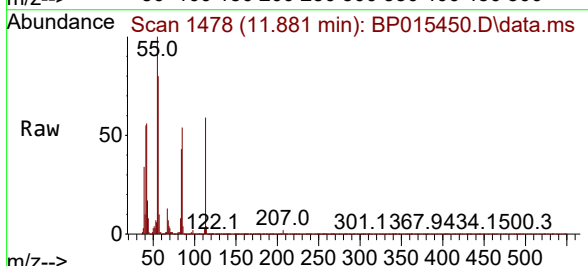
Tgt Ion:113 Resp: 112929

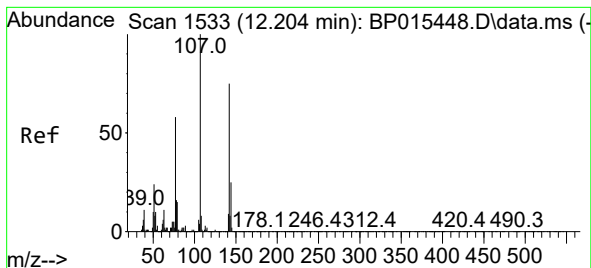
Ion Ratio Lower Upper

113 100

55 169.3 127.9 191.9

56 135.3 101.1 151.7

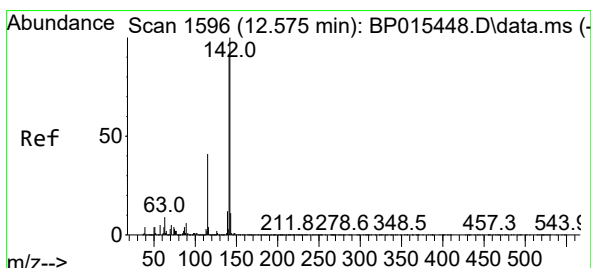
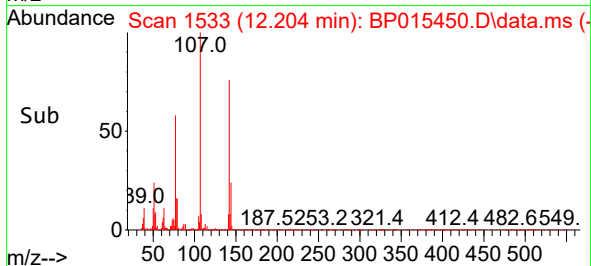
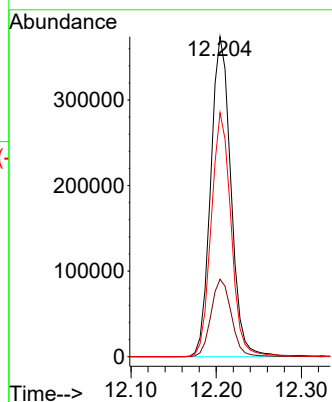
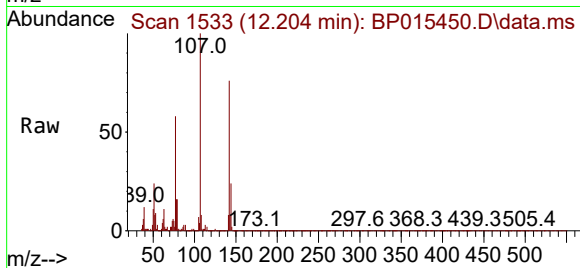




#35
4-Chloro-3-methylphenol
Concen: 30.546 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

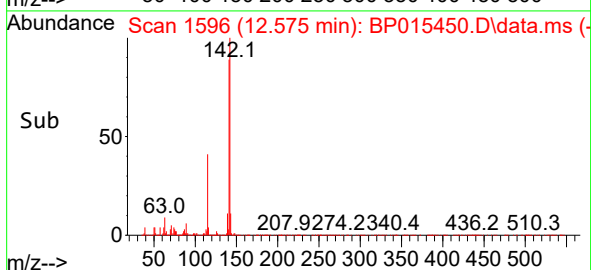
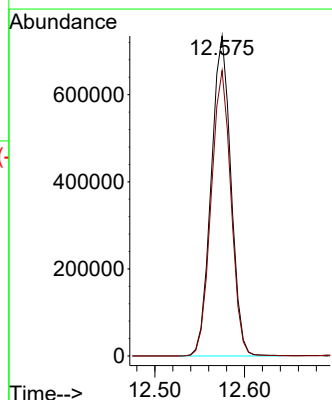
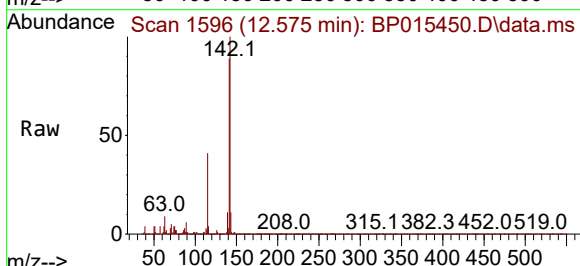
Instrument :
BNA_P
ClientSampleId :
SLCS136

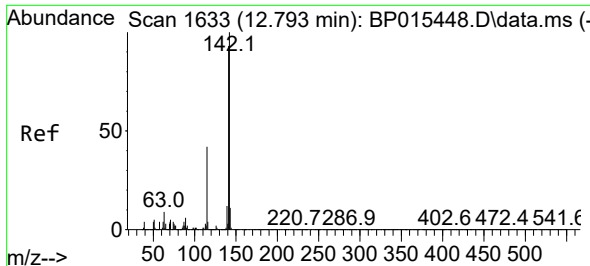
Tgt Ion:107 Resp: 615109
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 76.2 60.4 90.6



#36
2-Methylnaphthalene
Concen: 28.832 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:142 Resp: 1122570
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0

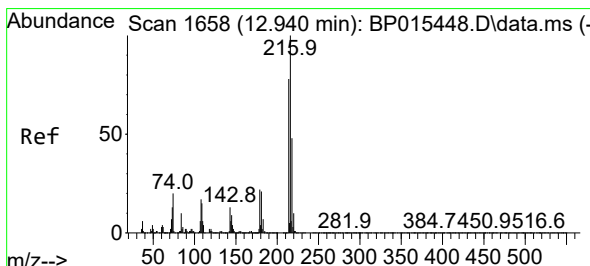
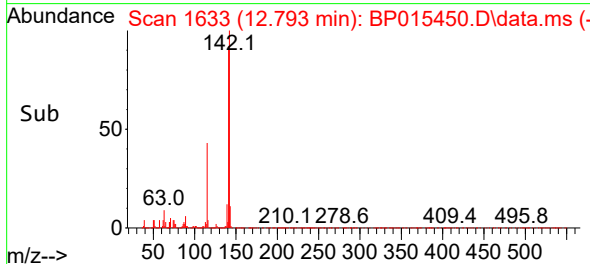
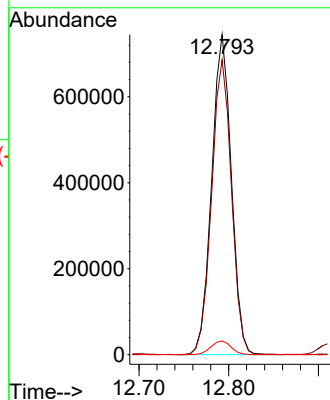
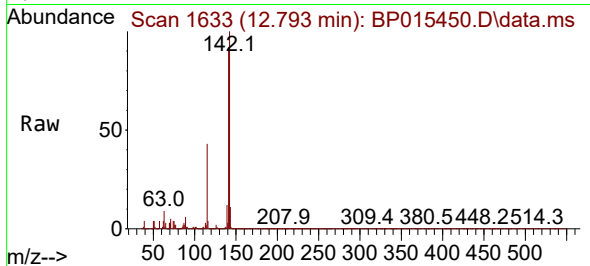




#37
1-Methylnaphthalene
Concen: 28.869 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

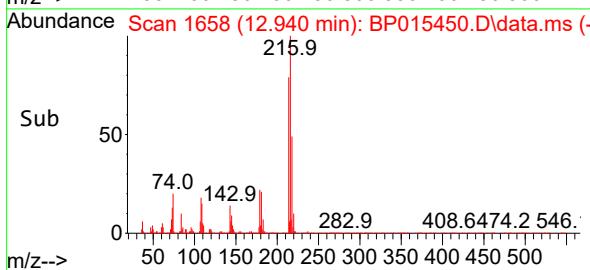
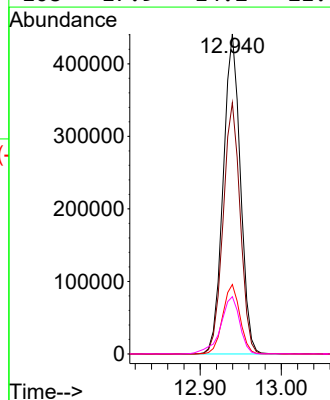
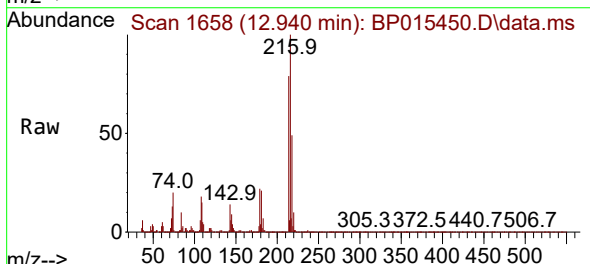
Instrument :
BNA_P
ClientSampleId :
SLCS136

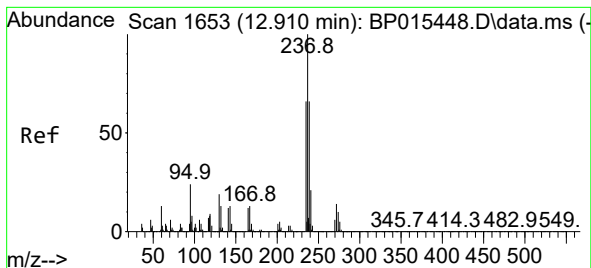
Tgt Ion:142 Resp: 1131732
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9
116 4.3 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.297 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:216 Resp: 649422
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.2
179 21.7 17.4 26.2
108 17.9 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 35.194 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.012 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

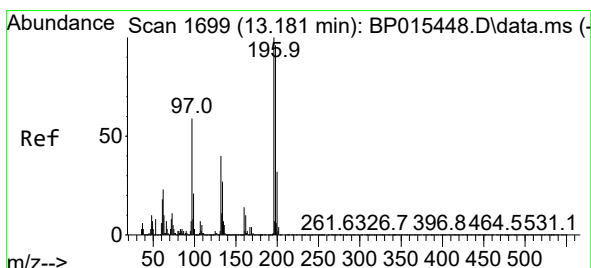
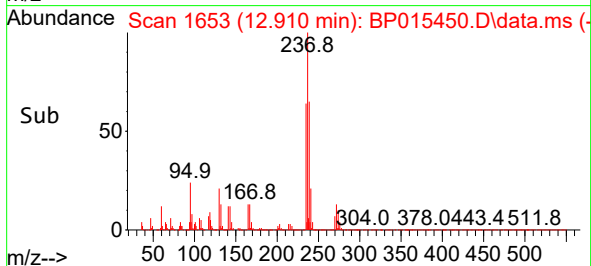
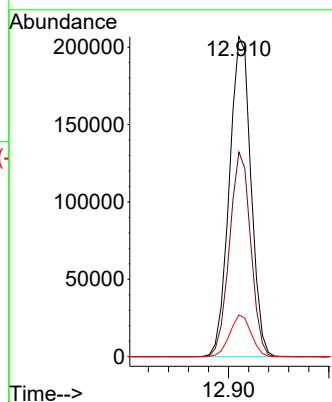
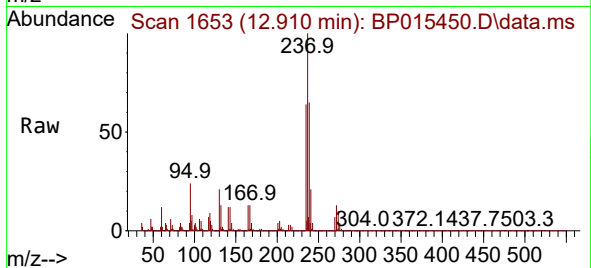
Tgt Ion:237 Resp: 309230

Ion Ratio Lower Upper

237 100

235 63.9 48.2 72.2

272 13.0 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 30.703 ng/ul

RT: 13.181 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

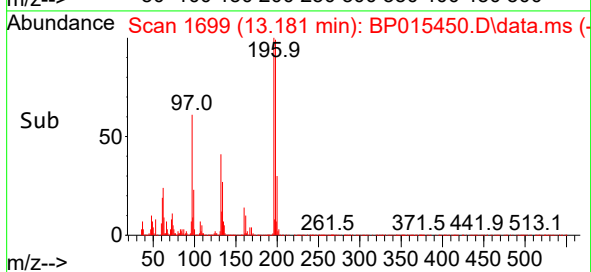
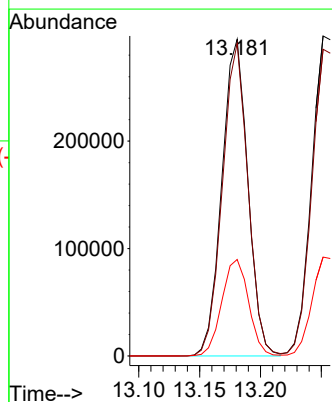
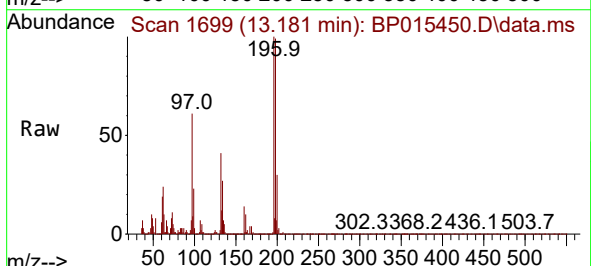
Tgt Ion:196 Resp: 438032

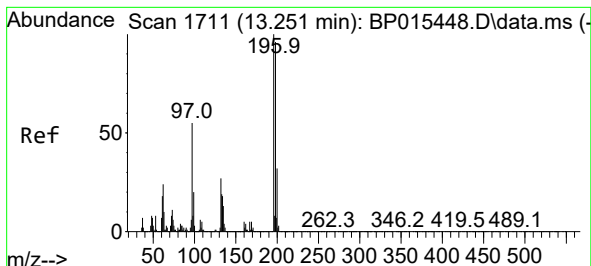
Ion Ratio Lower Upper

196 100

198 98.7 77.8 116.6

200 30.5 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 31.280 ng/ul

RT: 13.251 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

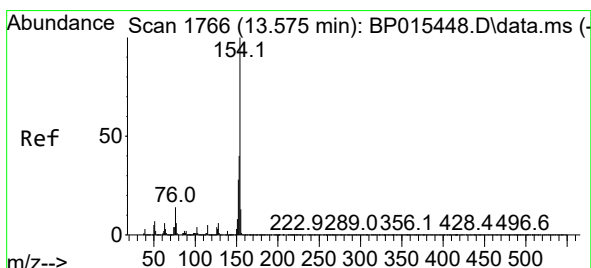
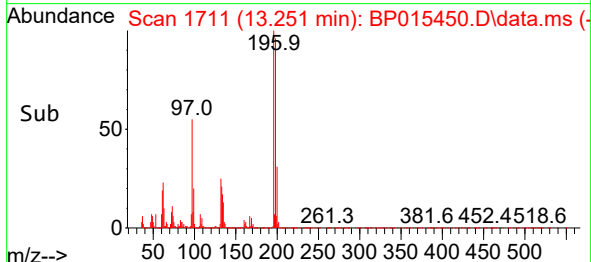
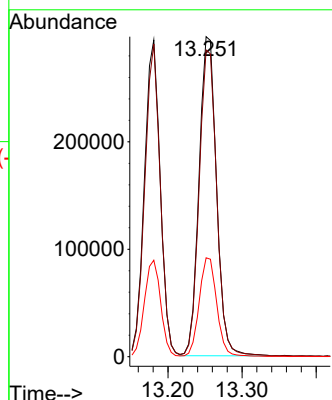
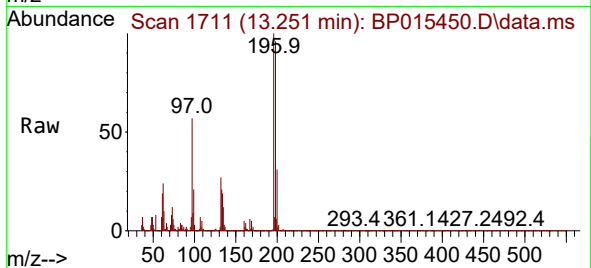
Tgt Ion:196 Resp: 486300

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 29.683 ng/ul

RT: 13.575 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

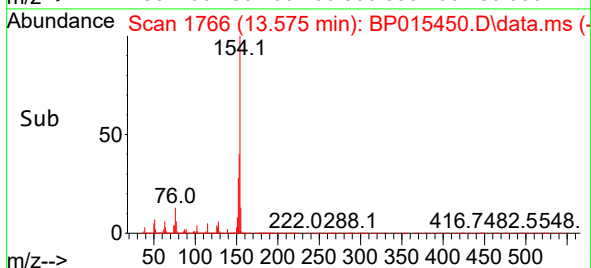
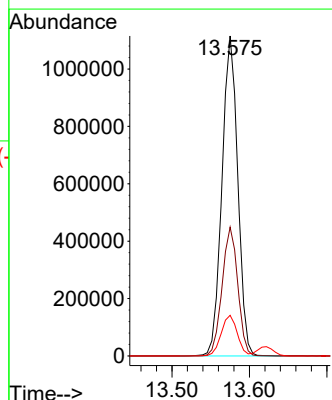
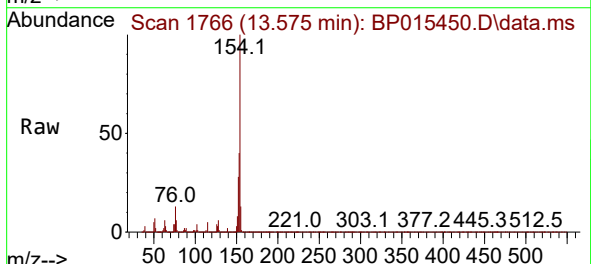
Tgt Ion:154 Resp: 1580141

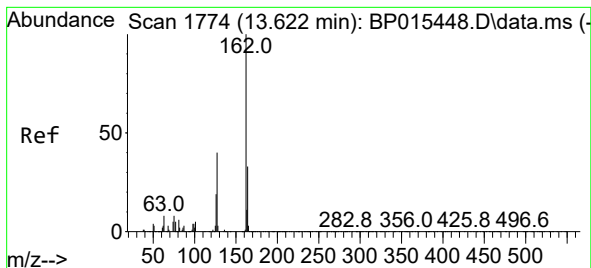
Ion Ratio Lower Upper

154 100

153 40.3 32.2 48.2

76 12.7 10.4 15.6

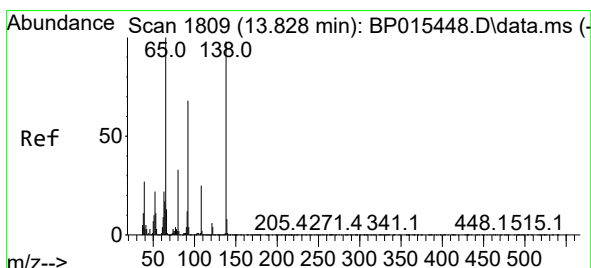
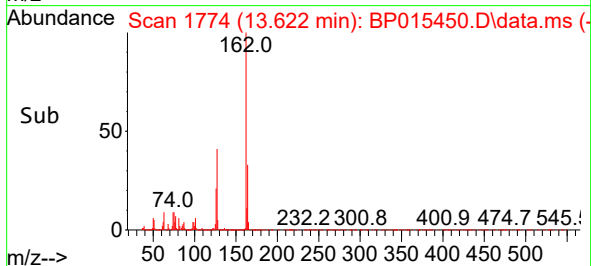
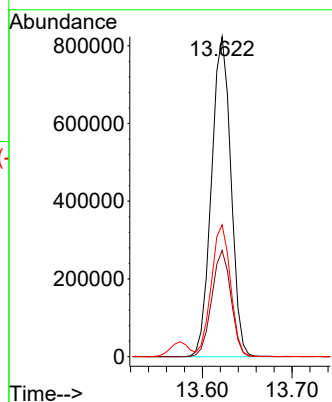
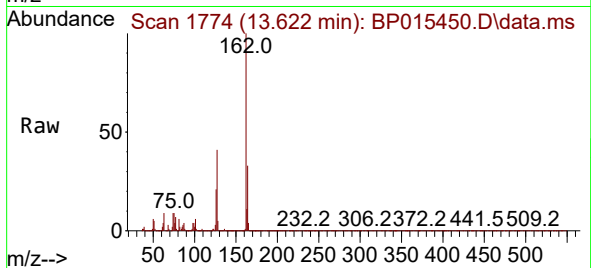




#44
2-Chloronaphthalene
Concen: 29.667 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

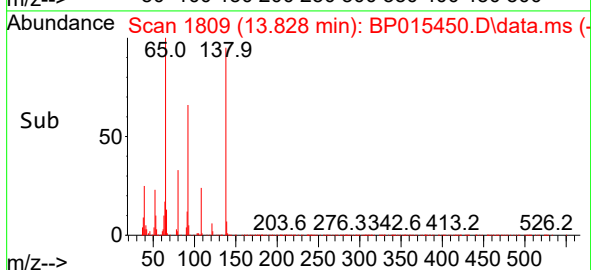
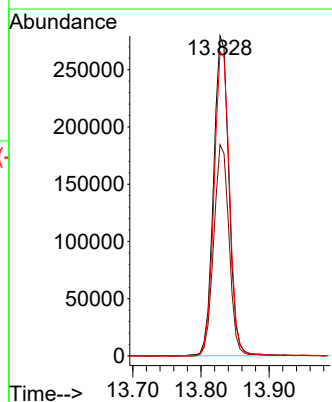
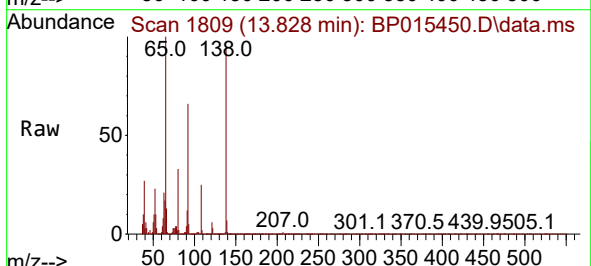
Instrument :
BNA_P
ClientSampleId :
SLCS136

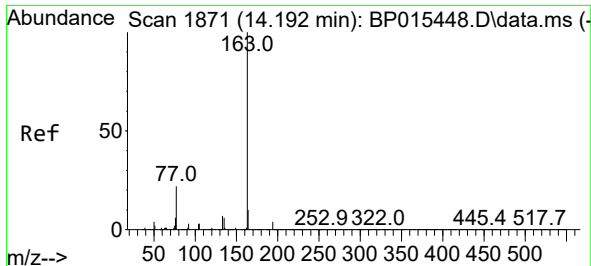
Tgt Ion:162 Resp: 1239107
Ion Ratio Lower Upper
162 100
164 33.2 27.0 40.6
127 41.2 32.2 48.4



#45
2-Nitroaniline
Concen: 32.746 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion: 65 Resp: 437732
Ion Ratio Lower Upper
65 100
92 66.0 55.4 83.2
138 95.1 78.8 118.2





#47

Dimethylphthalate

Concen: 29.333 ng/ul

RT: 14.193 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

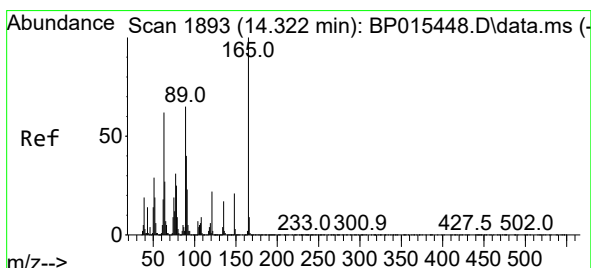
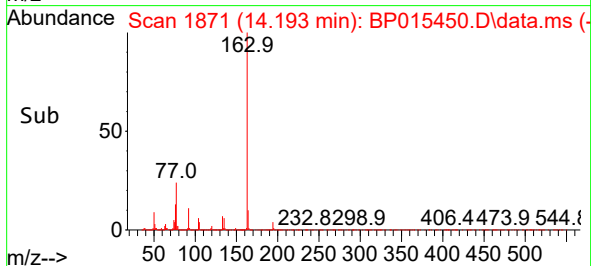
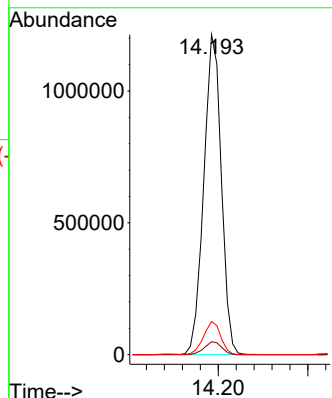
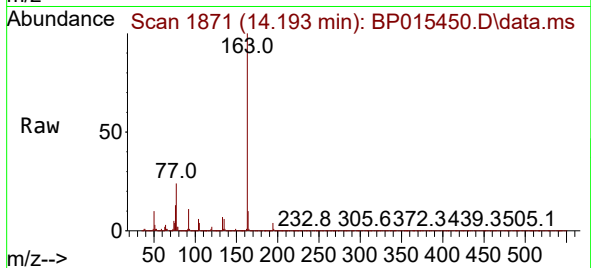
Tgt Ion:163 Resp: 1643985

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 31.597 ng/ul

RT: 14.322 min Scan# 1893

Delta R.T. 0.000 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

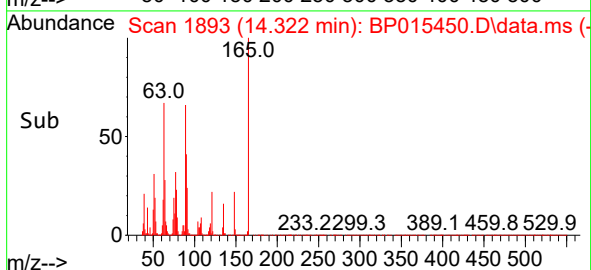
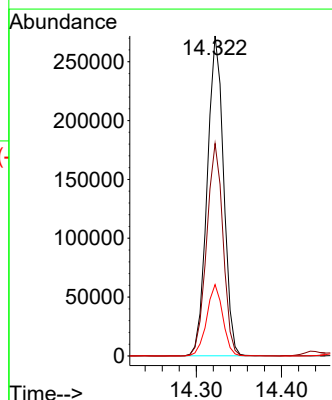
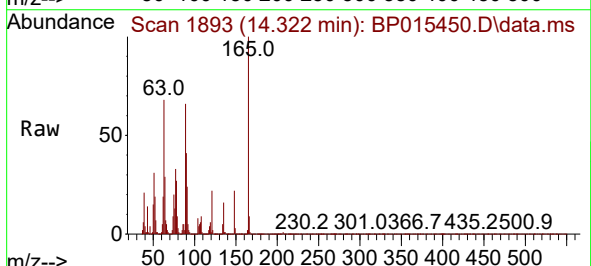
Tgt Ion:165 Resp: 362815

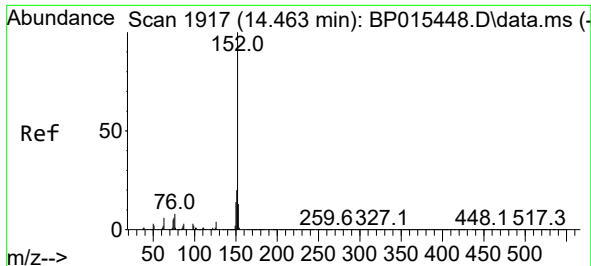
Ion Ratio Lower Upper

165 100

89 66.4 51.5 77.3

121 22.3 17.3 25.9

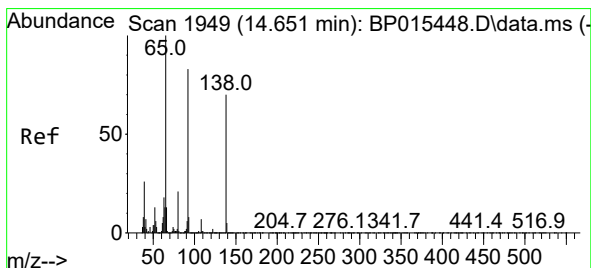
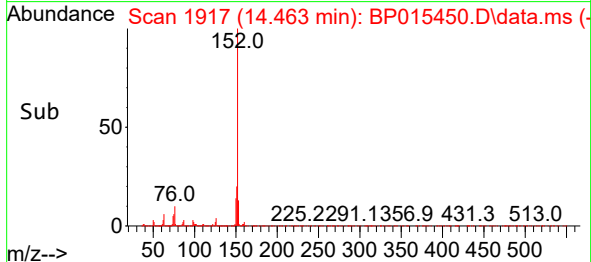
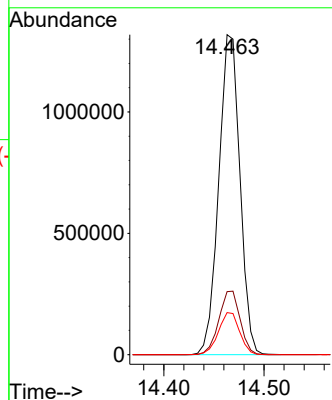
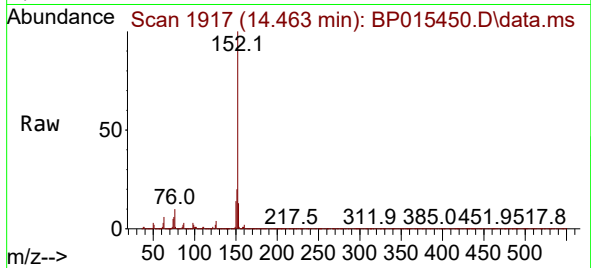




#50
Acenaphthylene
Concen: 29.379 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

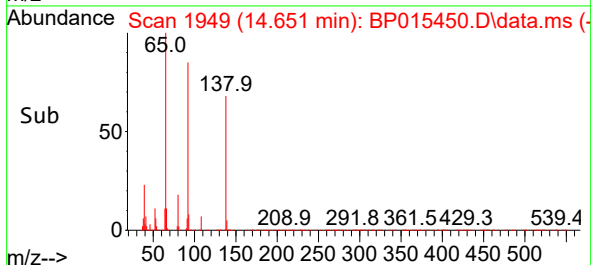
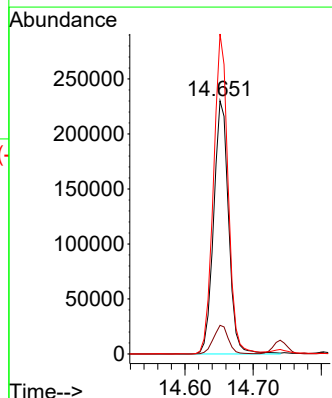
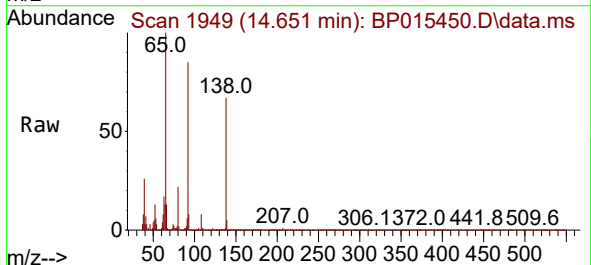
Instrument :
BNA_P
ClientSampleId :
SLCS136

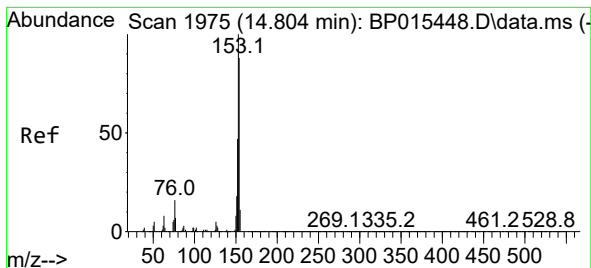
Tgt Ion:152 Resp: 1931113
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 37.043 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:138 Resp: 351129
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 126.5 98.0 147.0





#52

Acenaphthene

Concen: 29.289 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

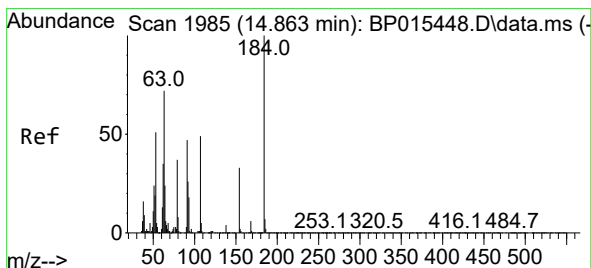
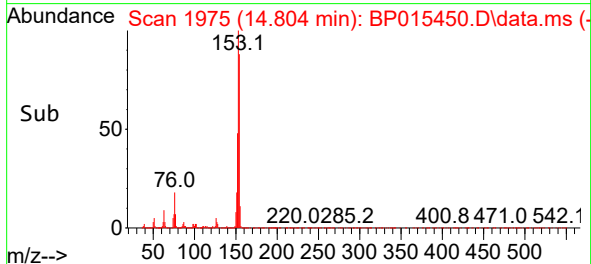
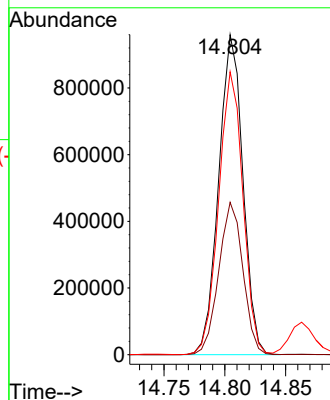
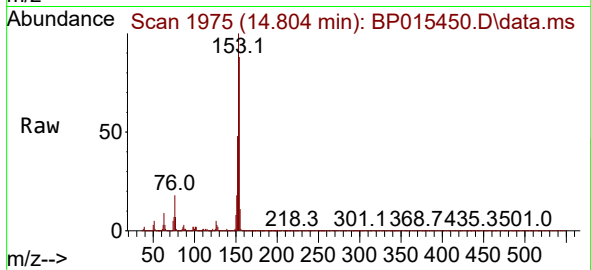
Tgt Ion:153 Resp: 1330779

Ion Ratio Lower Upper

153 100

152 47.6 38.3 57.5

154 88.4 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 30.286 ng/ul

RT: 14.863 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

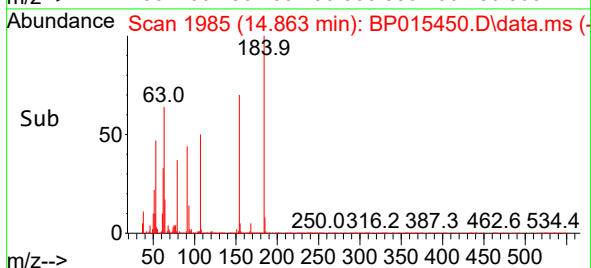
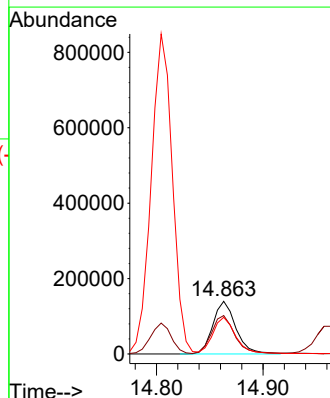
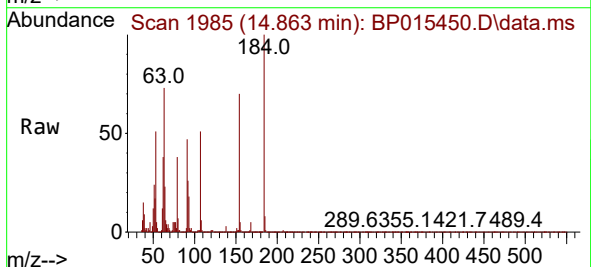
Tgt Ion:184 Resp: 209193

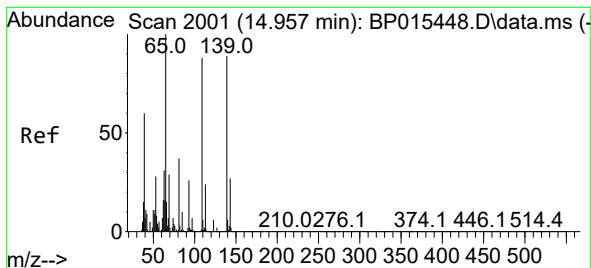
Ion Ratio Lower Upper

184 100

63 72.9 59.0 88.4

154 69.7 57.6 86.4





#55

4-Nitrophenol

Concen: 31.006 ng/ul

RT: 14.963 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

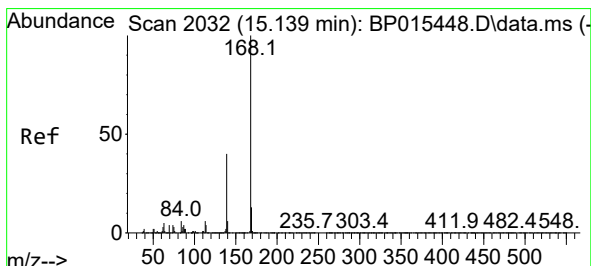
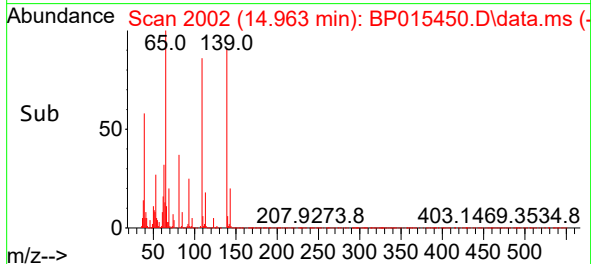
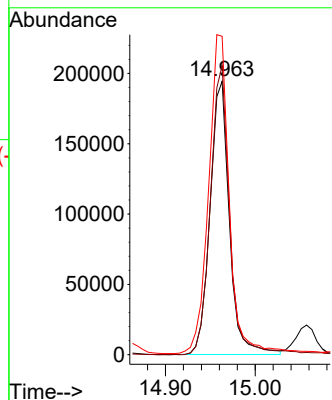
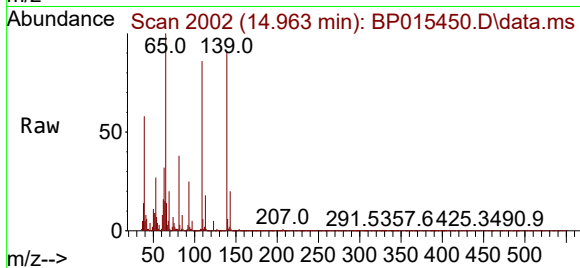
Tgt Ion:109 Resp: 290722

Ion Ratio Lower Upper

109 100

139 105.7 89.1 133.7

65 116.5 103.1 154.7



#56

Dibenzofuran

Concen: 29.306 ng/ul

RT: 15.140 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BP015450.D

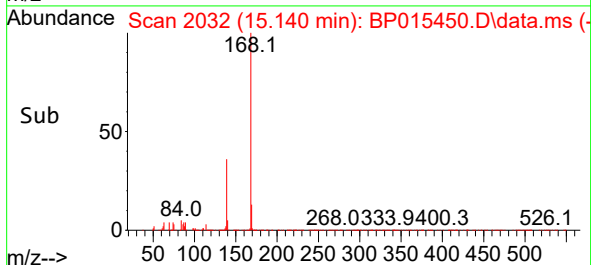
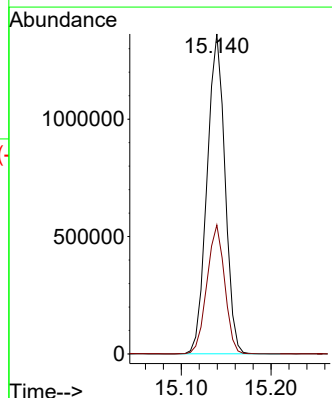
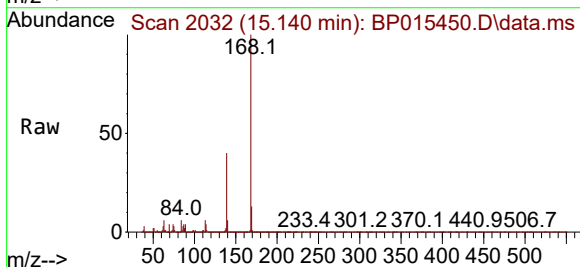
Acq: 09 Jun 2023 13:21

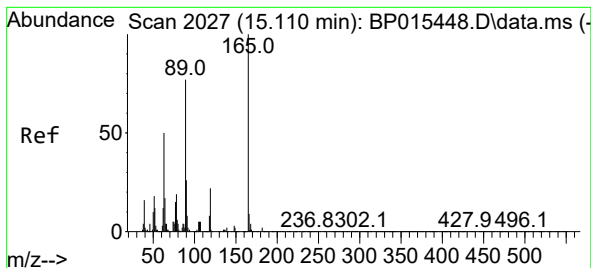
Tgt Ion:168 Resp: 1887273

Ion Ratio Lower Upper

168 100

139 40.3 31.2 46.8

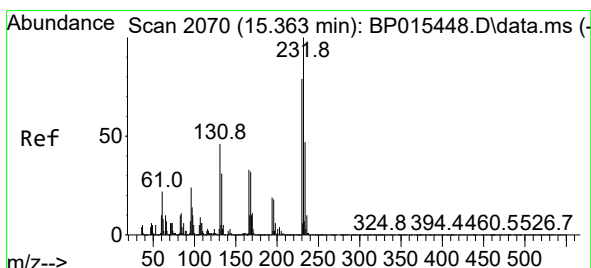
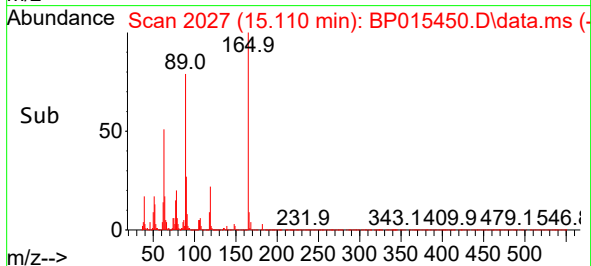
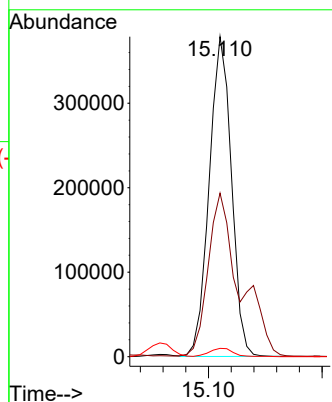
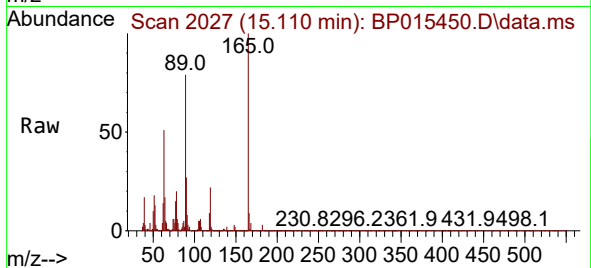




#57
2,4-Dinitrotoluene
Concen: 30.426 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

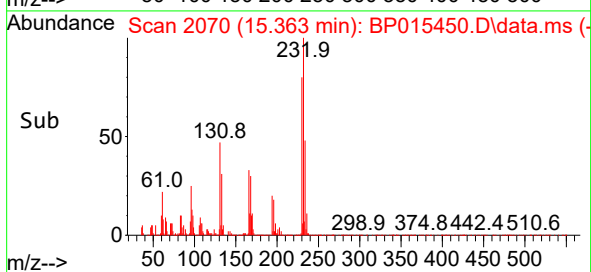
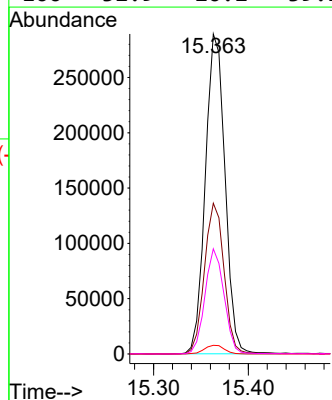
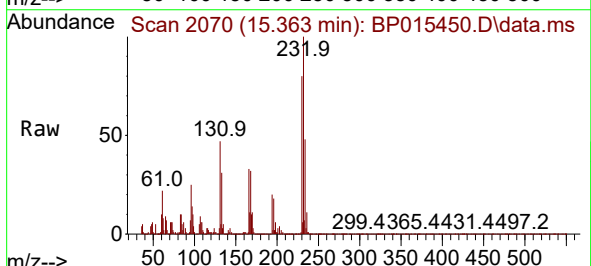
Instrument :
BNA_P
ClientSampleId :
SLCS136

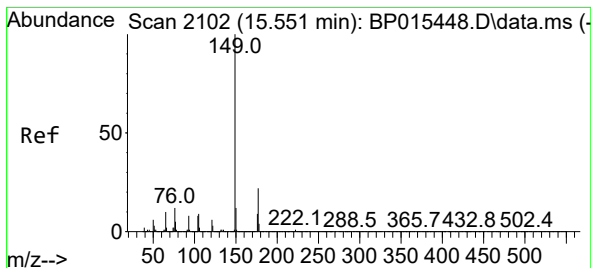
Tgt Ion:165 Resp: 513852
Ion Ratio Lower Upper
165 100
63 51.1 39.1 58.7
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.634 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:232 Resp: 415982
Ion Ratio Lower Upper
232 100
131 47.1 37.8 56.8
130 2.7 1.9 2.9
166 32.9 26.2 39.2

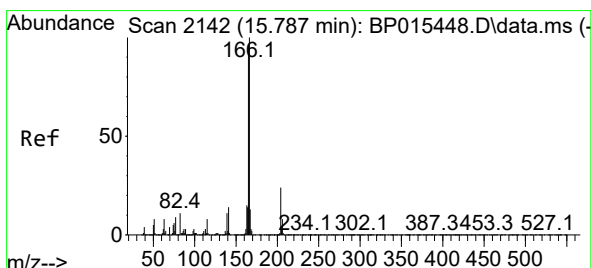
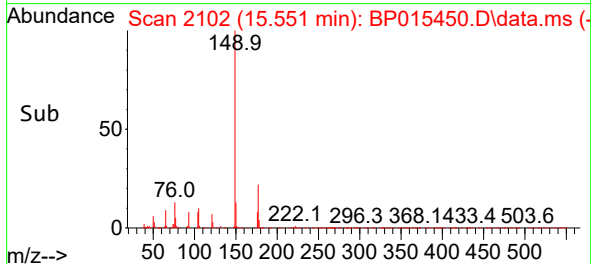
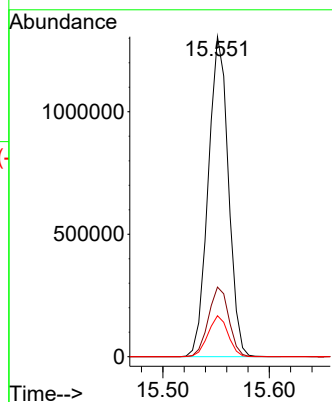
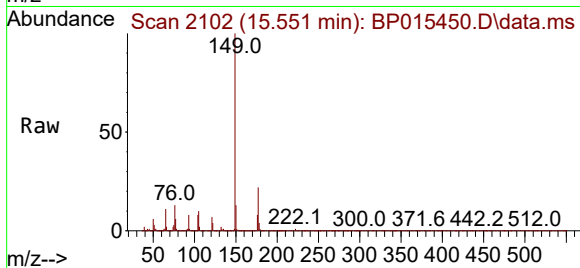




#59
Diethylphthalate
Concen: 29.873 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

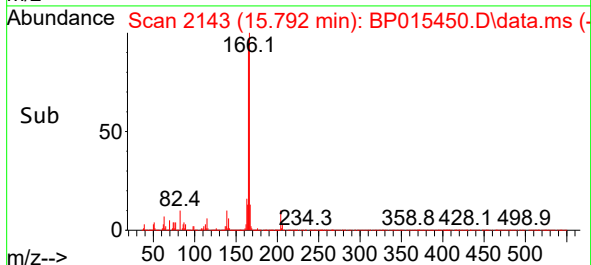
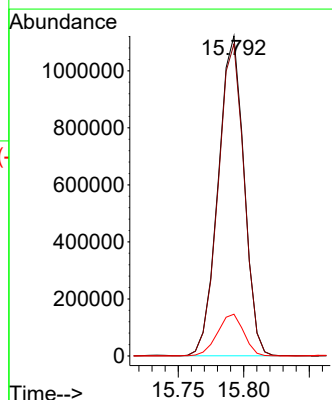
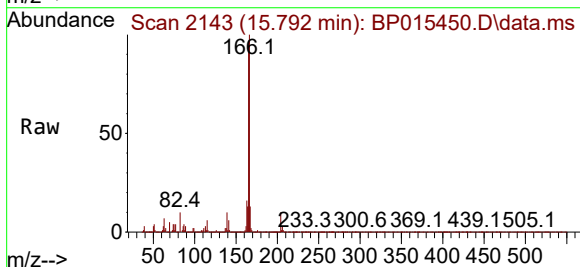
Instrument :
BNA_P
ClientSampleId :
SLCS136

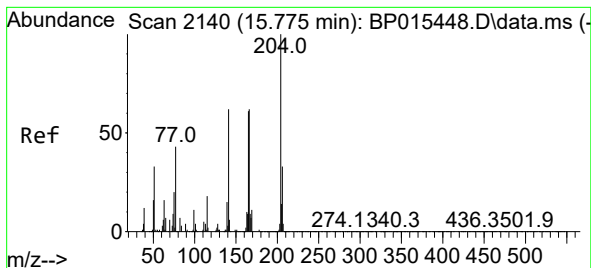
Tgt Ion:149 Resp: 1715908
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.8 10.1 15.1



#61
Fluorene
Concen: 29.213 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:166 Resp: 1533567
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.0 10.6 16.0

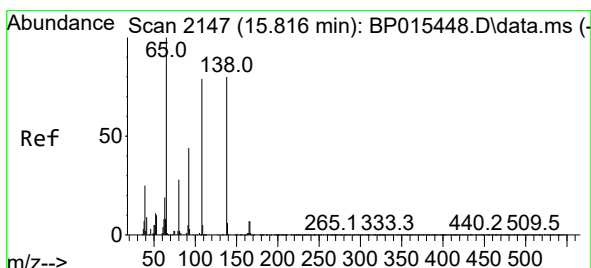
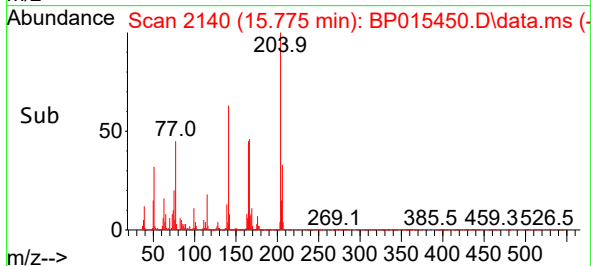
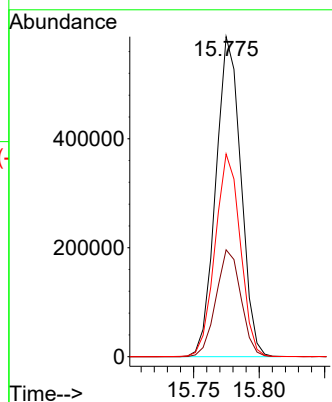
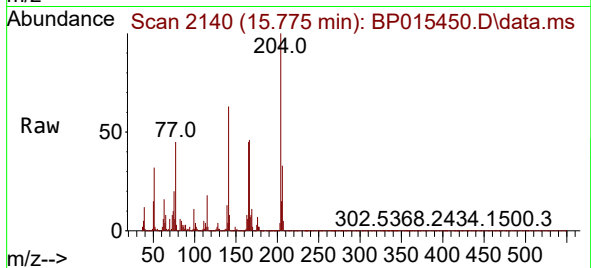




#62
4-Chlorophenyl-phenylether
Concen: 29.466 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

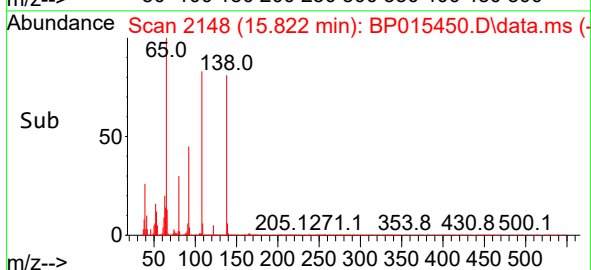
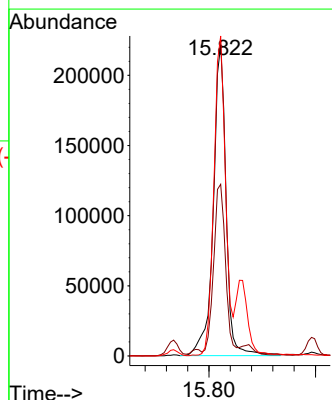
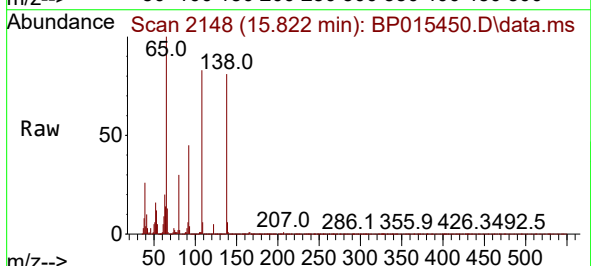
Instrument :
BNA_P
ClientSampleId :
SLCS136

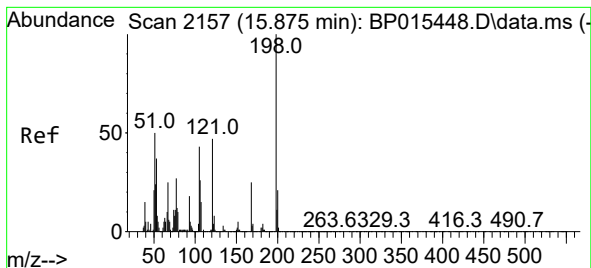
Tgt Ion:204 Resp: 779605
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 63.4 49.8 74.8



#63
4-Nitroaniline
Concen: 41.210 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:138 Resp: 370528
Ion Ratio Lower Upper
138 100
92 55.2 44.6 67.0
108 102.8 78.4 117.6

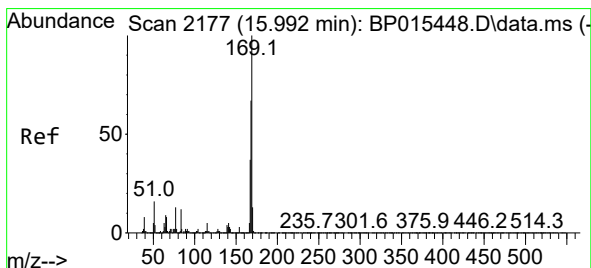
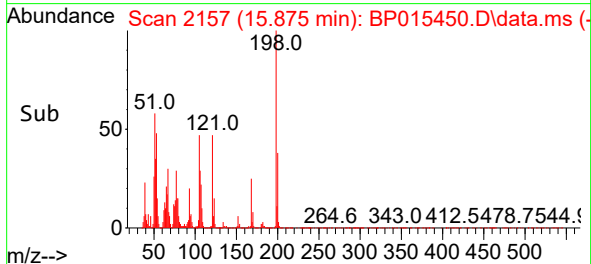
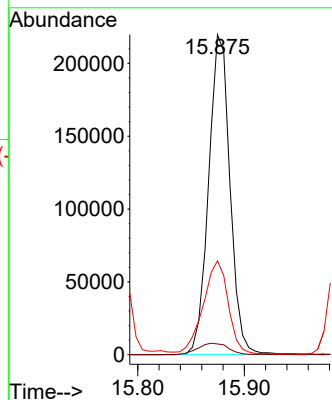
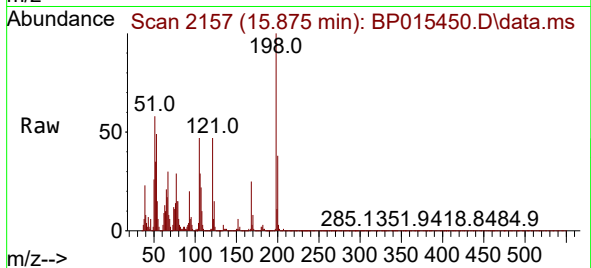




#66
4,6-Dinitro-2-methylphenol
Concen: 29.317 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

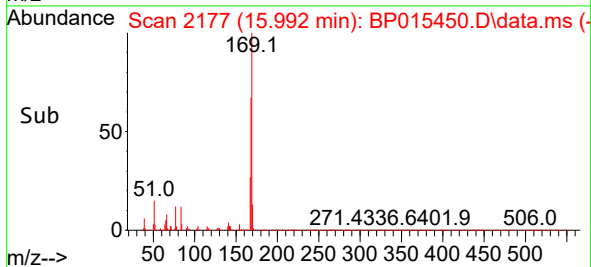
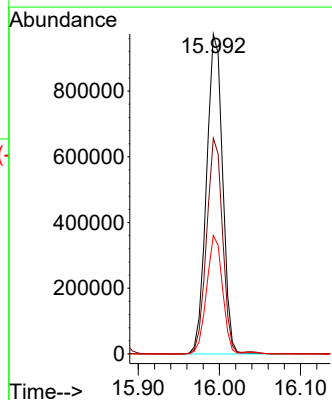
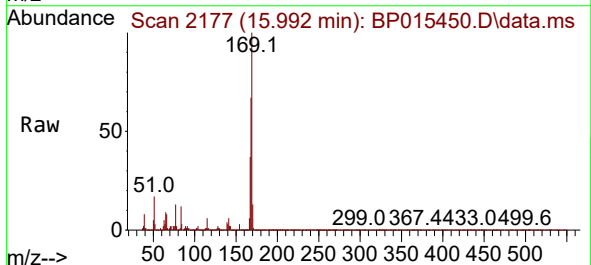
Instrument :
BNA_P
ClientSampleId :
SLCS136

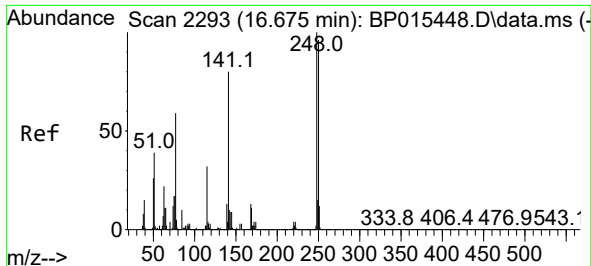
Tgt Ion:198 Resp: 305723
Ion Ratio Lower Upper
198 100
182 3.3 3.0 4.4
77 29.3 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 29.246 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:169 Resp: 1339123
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 37.0 28.9 43.3

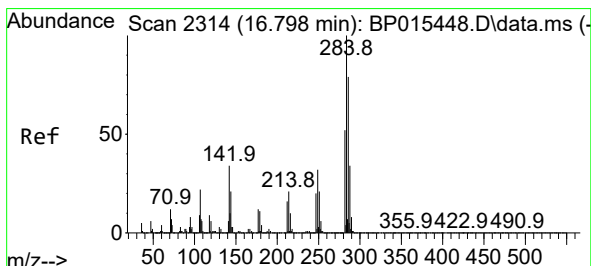
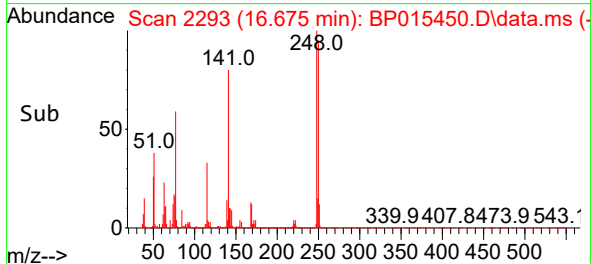
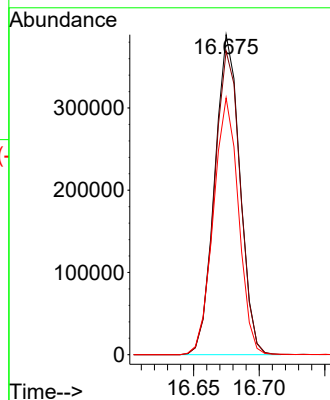
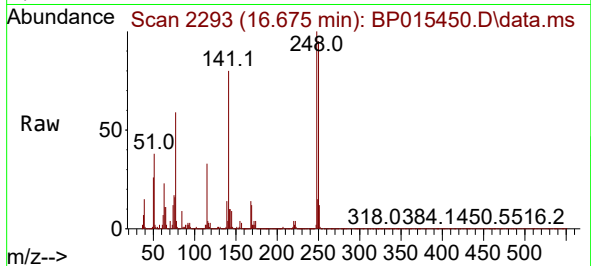




#68
4-Bromophenyl-phenylether
Concen: 30.131 ng/ul
RT: 16.675 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

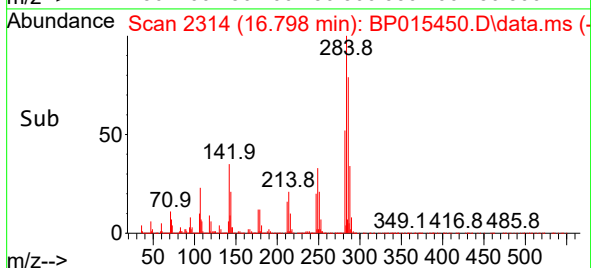
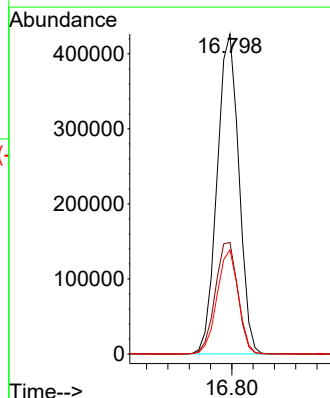
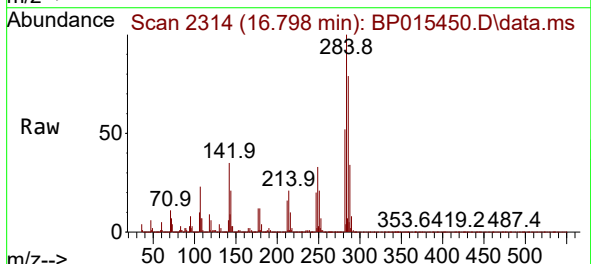
Instrument :
BNA_P
ClientSampleId :
SLCS136

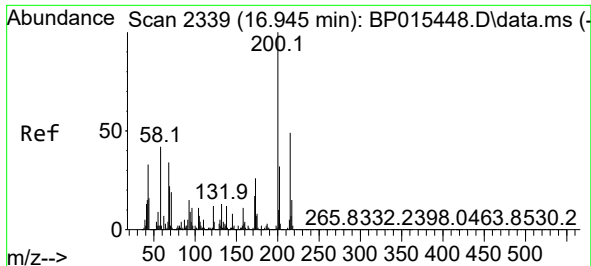
Tgt Ion:248 Resp: 520275
Ion Ratio Lower Upper
248 100
250 94.8 78.3 117.5
141 80.2 61.1 91.7



#69
Hexachlorobenzene
Concen: 29.731 ng/ul
RT: 16.798 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:284 Resp: 605554
Ion Ratio Lower Upper
284 100
142 34.8 25.4 38.2
249 32.6 24.8 37.2

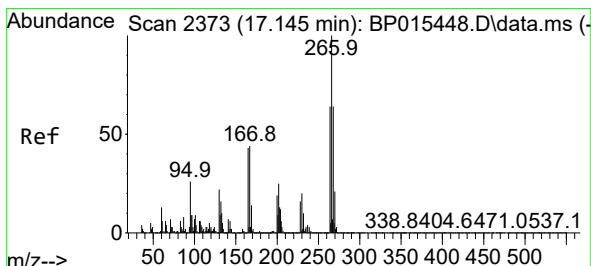
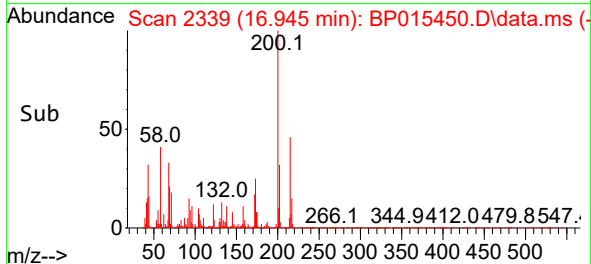
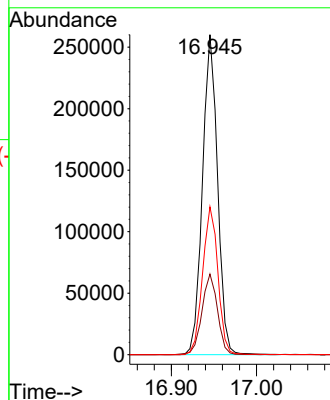
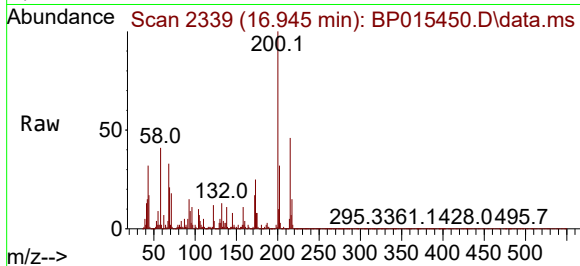




#70
Atrazine
Concen: 17.468 ng/ul
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

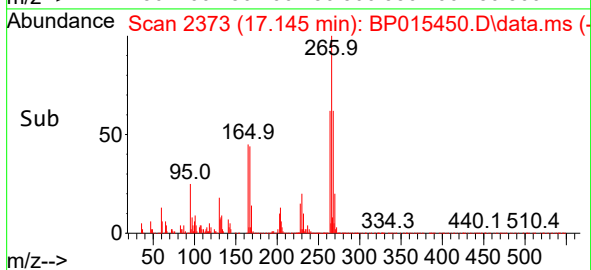
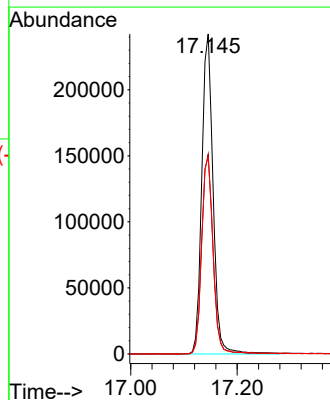
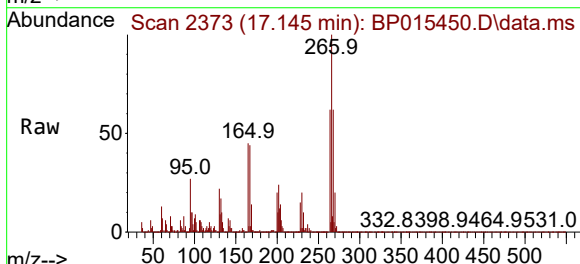
Instrument :
BNA_P
ClientSampleId :
SLCS136

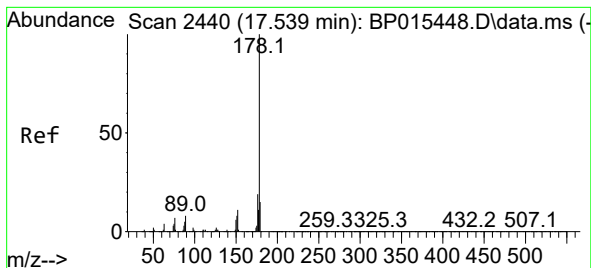
Tgt Ion:200 Resp: 319396
Ion Ratio Lower Upper
200 100
173 25.2 19.8 29.6
215 46.2 37.4 56.0



#71
Pentachlorophenol
Concen: 30.895 ng/ul
RT: 17.145 min Scan# 2373
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:266 Resp: 355665
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 61.6 51.0 76.6





#72

Phenanthrene

Concen: 29.475 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

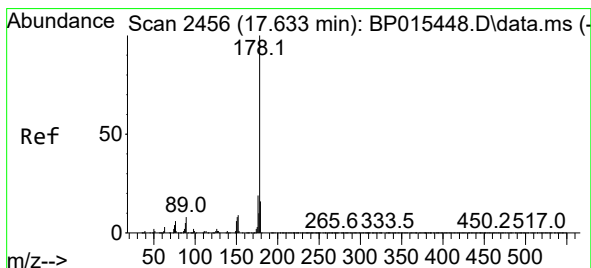
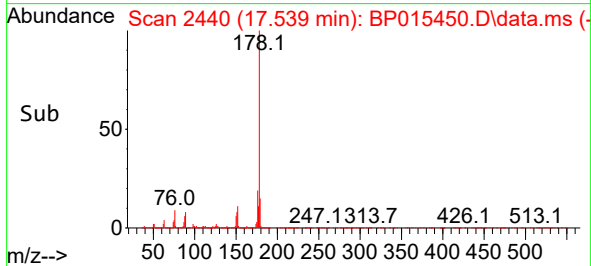
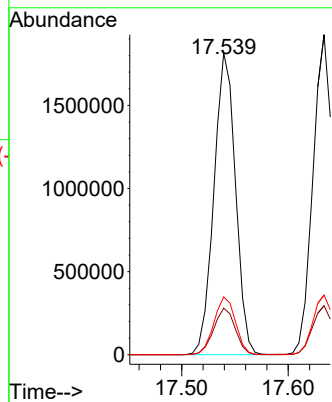
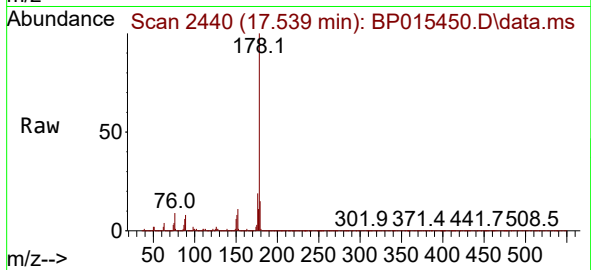
Tgt Ion:178 Resp: 2552884

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 15.4 23.0



#74

Anthracene

Concen: 28.927 ng/ul

RT: 17.634 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

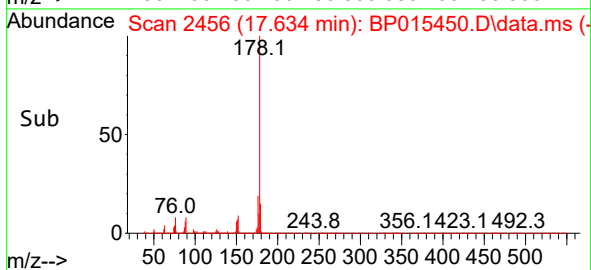
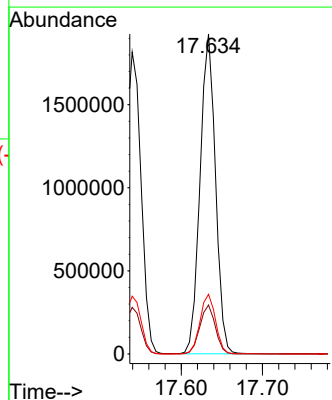
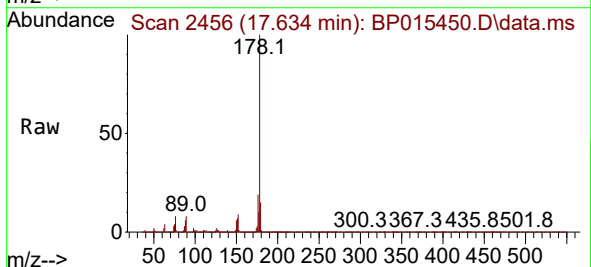
Tgt Ion:178 Resp: 2542134

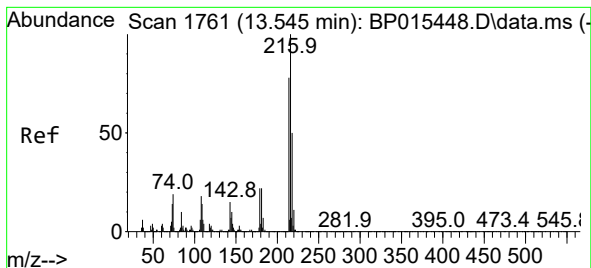
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.068 ng/uL

RT: 13.546 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

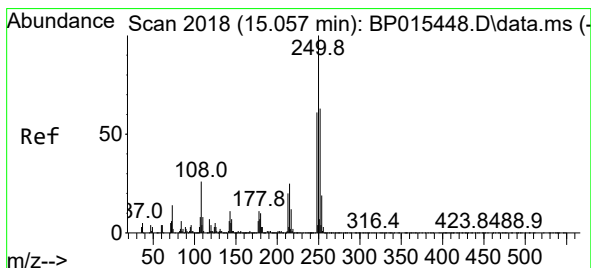
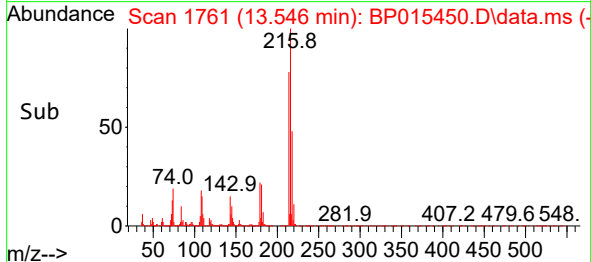
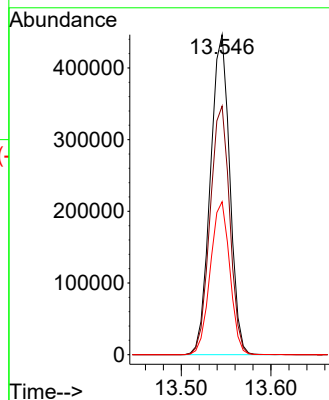
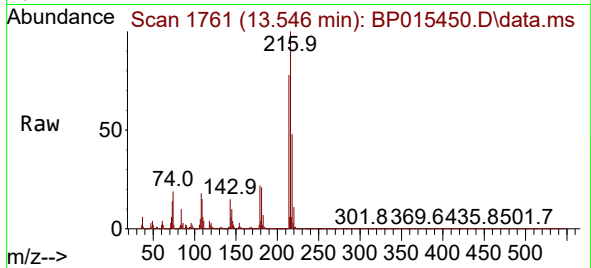
Tgt Ion:216 Resp: 669775

Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

218 47.8 39.0 58.4



#76

Pentachlorobenzene

Concen: 28.474 ng/uL

RT: 15.057 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

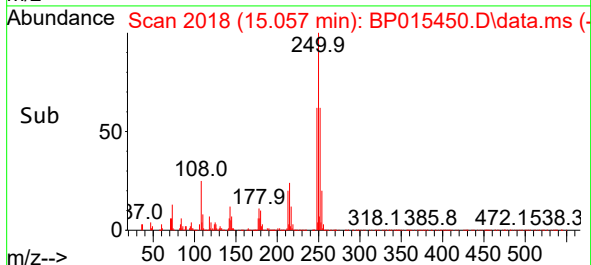
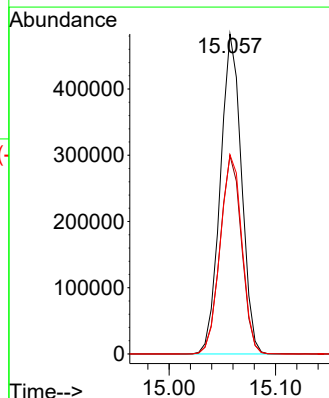
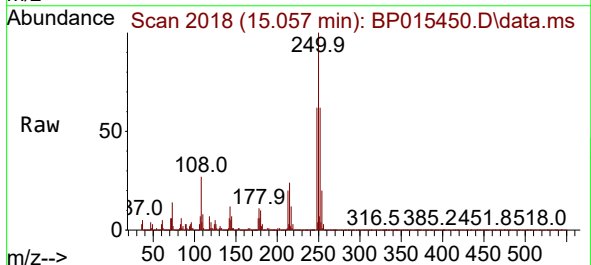
Tgt Ion:250 Resp: 664078

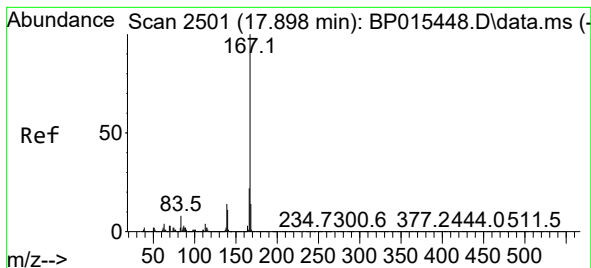
Ion Ratio Lower Upper

250 100

248 62.0 49.0 73.4

252 62.2 49.9 74.9





#77

Carbazole

Concen: 29.588 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

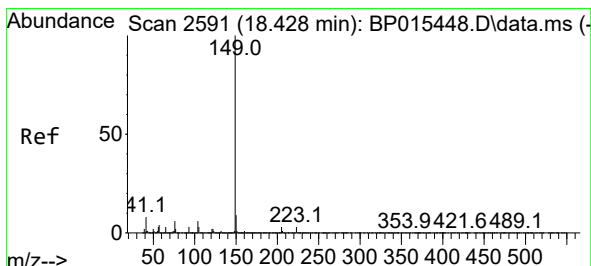
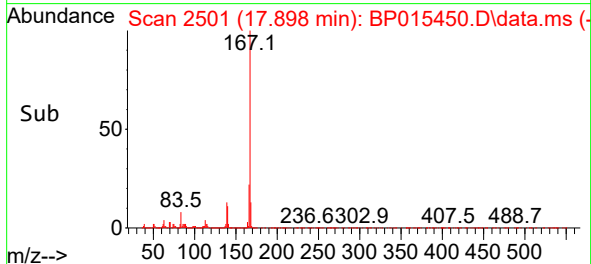
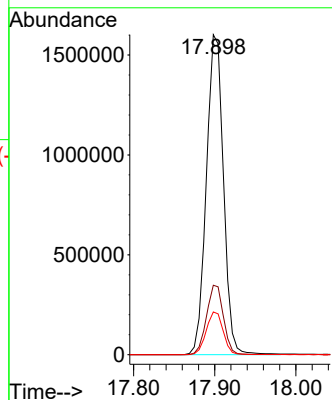
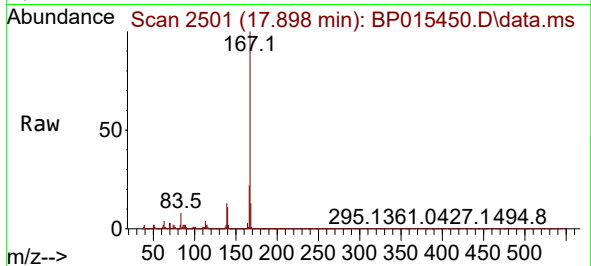
Tgt Ion:167 Resp: 2341263

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.4 10.6 16.0



#78

Di-n-butylphthalate

Concen: 30.645 ng/ul

RT: 18.428 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

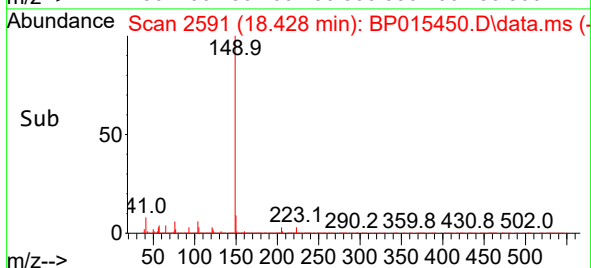
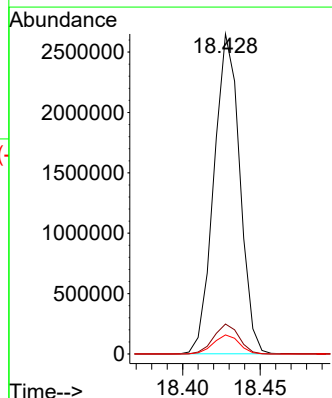
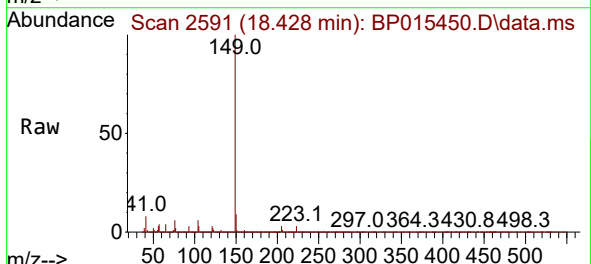
Tgt Ion:149 Resp: 3076618

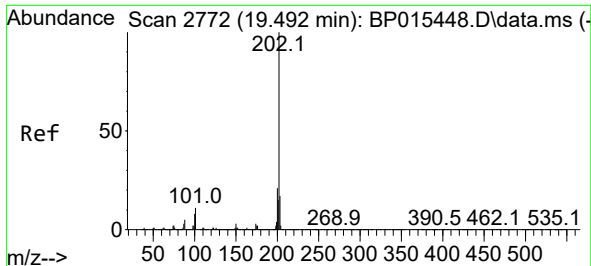
Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 6.0 4.5 6.7

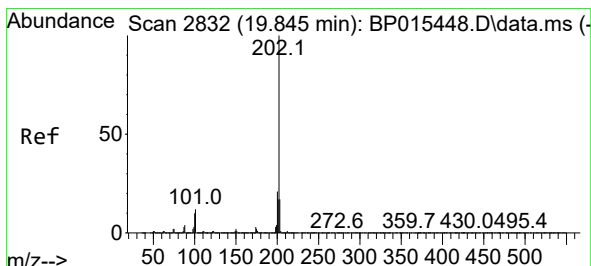
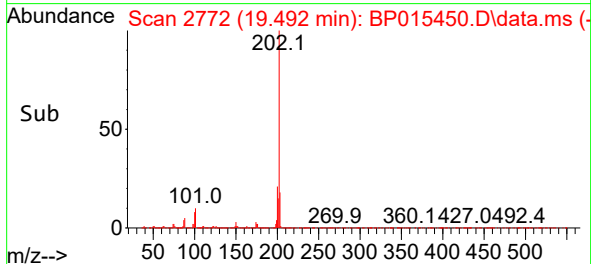
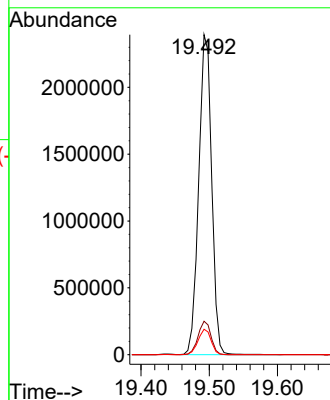
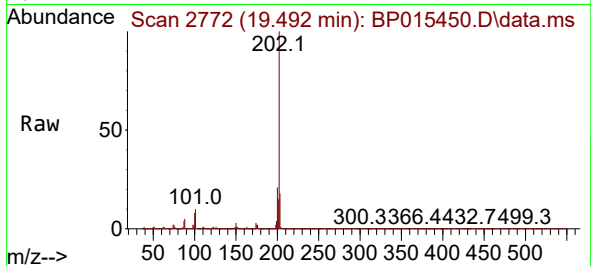




#80
Fluoranthene
Concen: 30.997 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

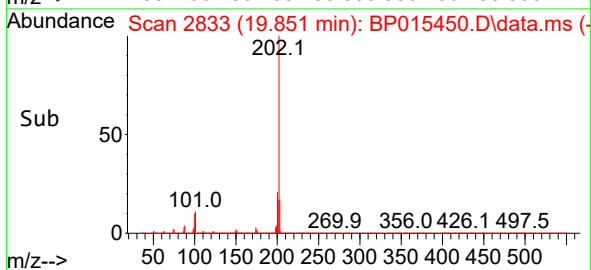
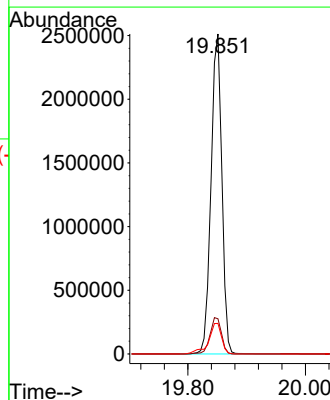
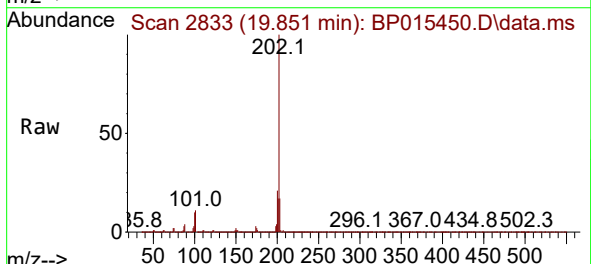
Instrument :
BNA_P
ClientSampleId :
SLCS136

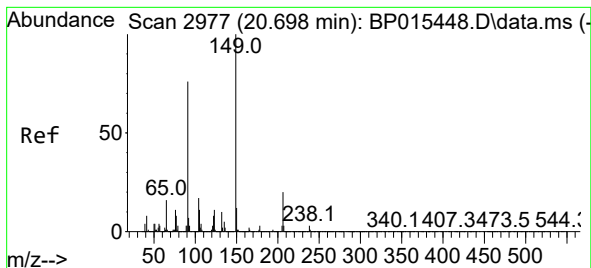
Tgt Ion:202 Resp: 3154061
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 8.0 6.6 9.8



#82
Pyrene
Concen: 30.573 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP015450.D
Acq: 09 Jun 2023 13:21

Tgt Ion:202 Resp: 3218459
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.6 8.4 12.6





#83

Butylbenzylphthalate

Concen: 32.492 ng/ul

RT: 20.704 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

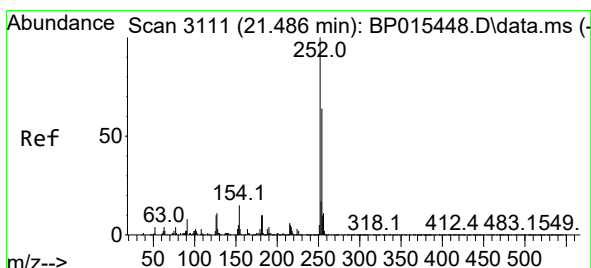
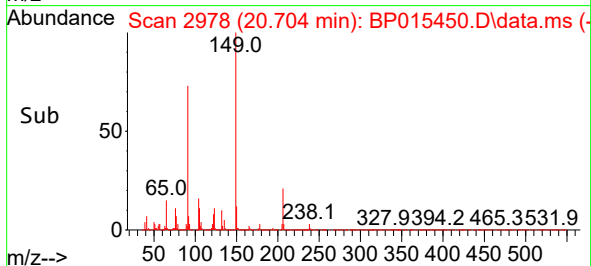
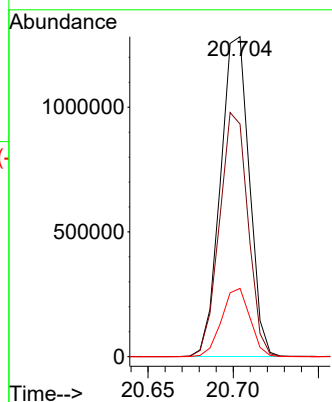
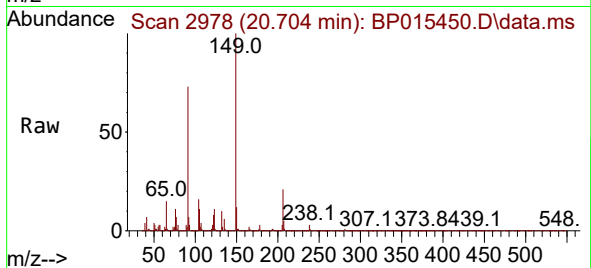
Tgt Ion:149 Resp: 1511794

Ion Ratio Lower Upper

149 100

91 72.7 60.4 90.6

206 21.4 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 30.948 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

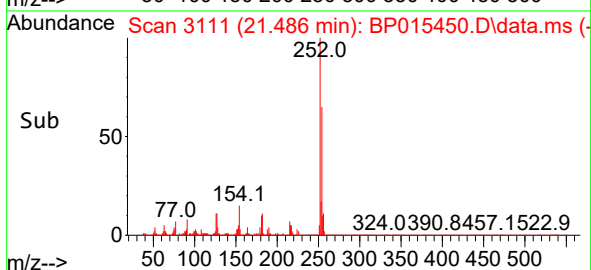
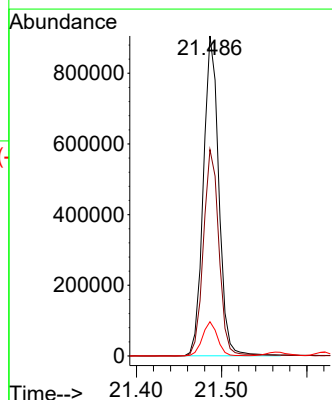
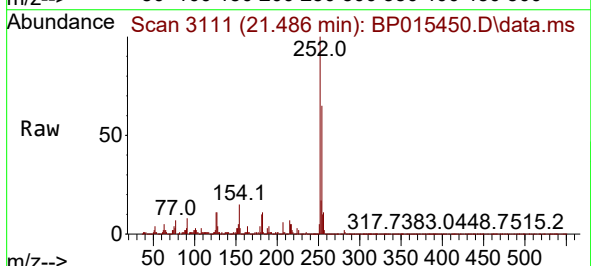
Tgt Ion:252 Resp: 1141148

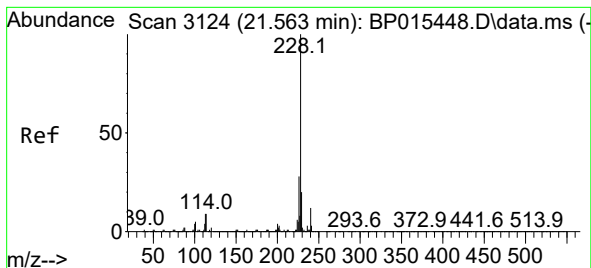
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 10.7 8.5 12.7





#85

Benzo(a)anthracene

Concen: 30.035 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

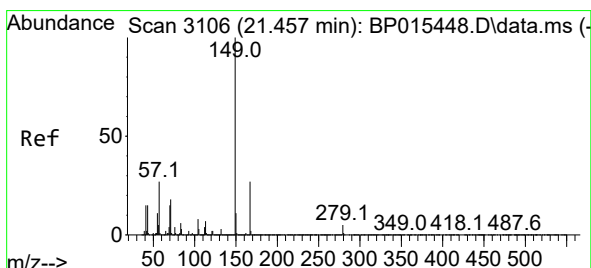
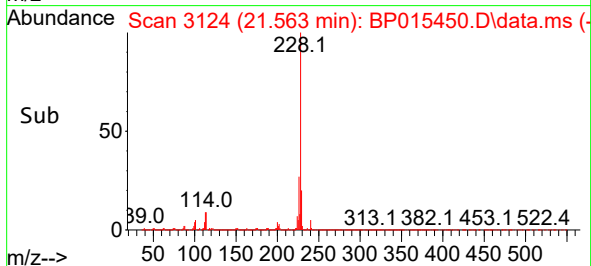
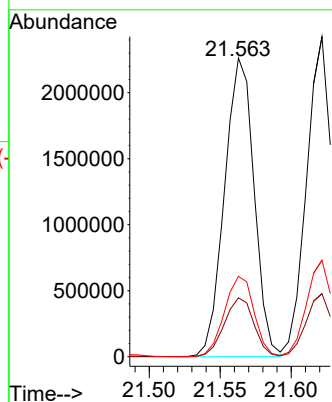
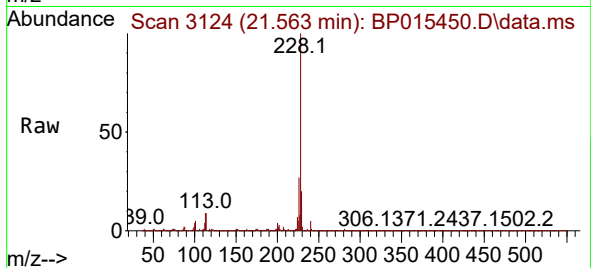
Tgt Ion:228 Resp: 3277120

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 26.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.874 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

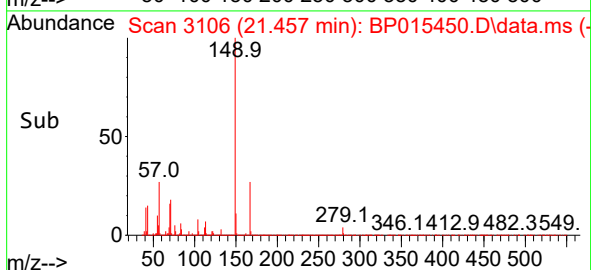
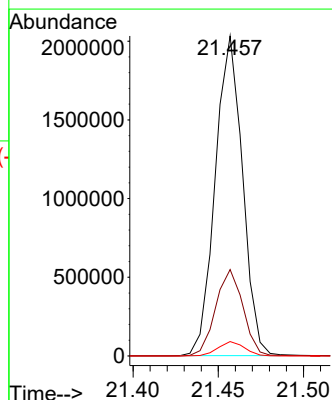
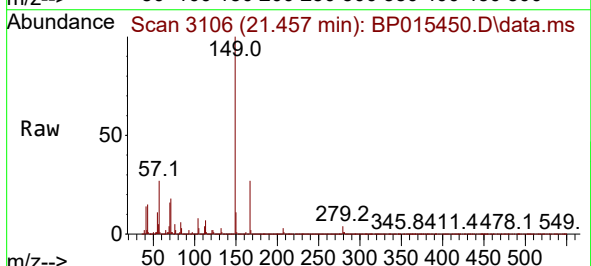
Tgt Ion:149 Resp: 2260826

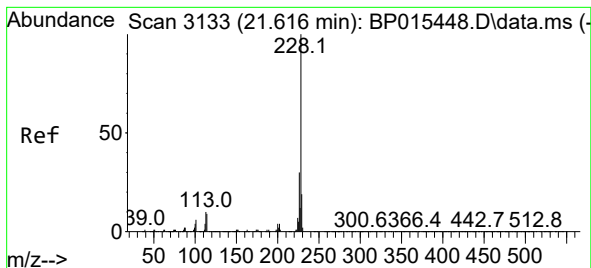
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 4.5 3.7 5.5





#87

Chrysene

Concen: 29.680 ng/ul

RT: 21.622 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

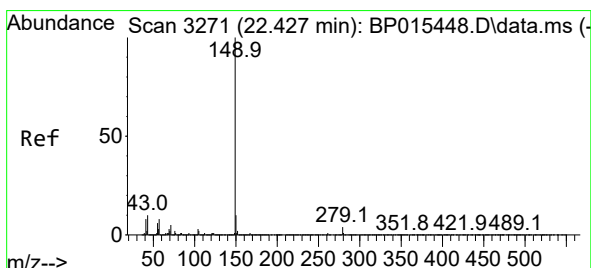
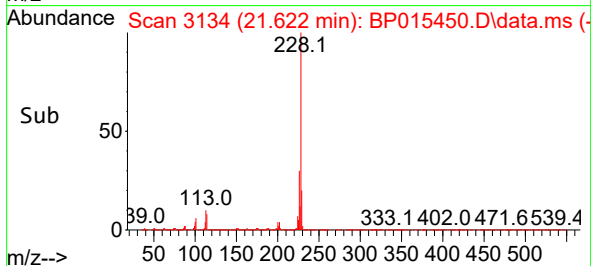
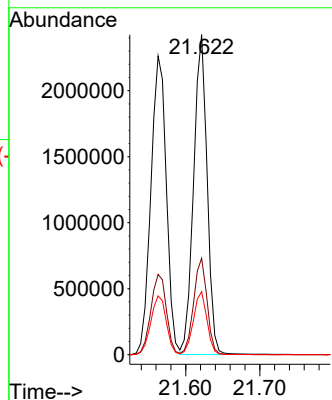
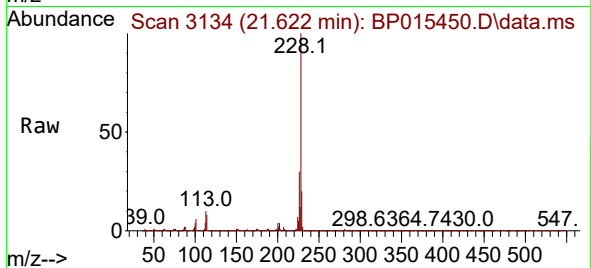
Tgt Ion:228 Resp: 3060940

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.7 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 34.306 ng/ul

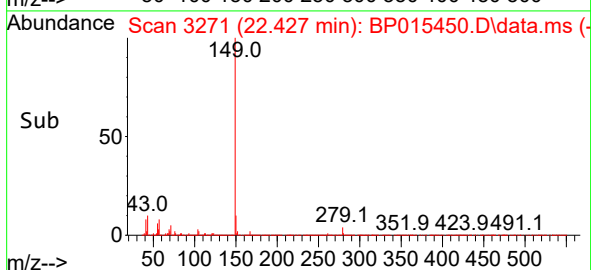
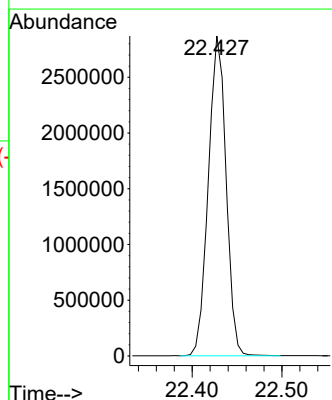
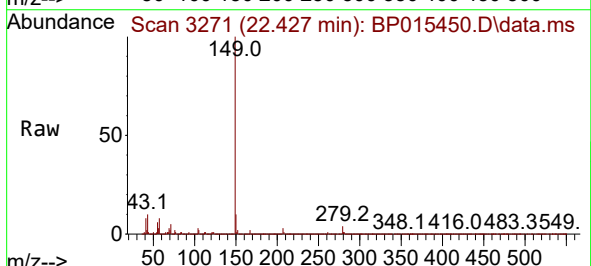
RT: 22.427 min Scan# 3271

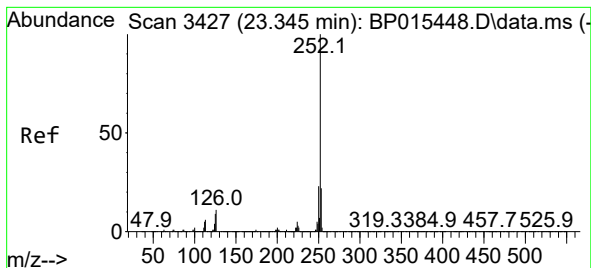
Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Tgt Ion:149 Resp: 3939288





#90

Benzo(b)fluoranthene

Concen: 30.044 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

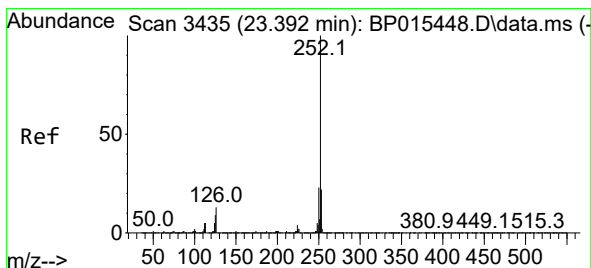
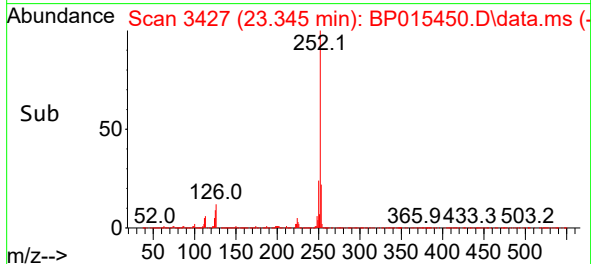
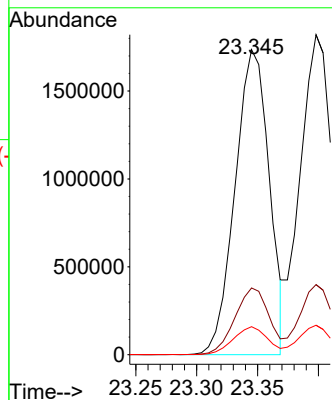
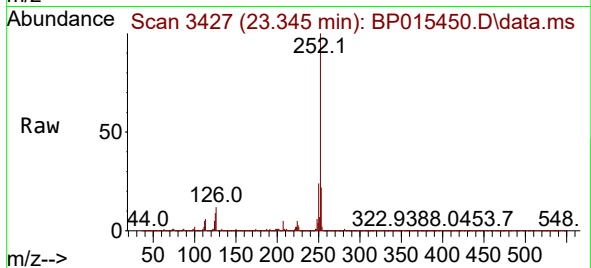
Tgt Ion:252 Resp: 3388345

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.2 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 30.809 ng/ul

RT: 23.398 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

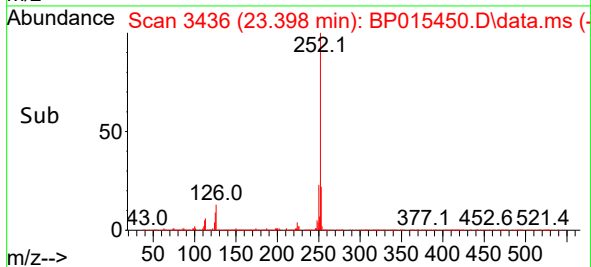
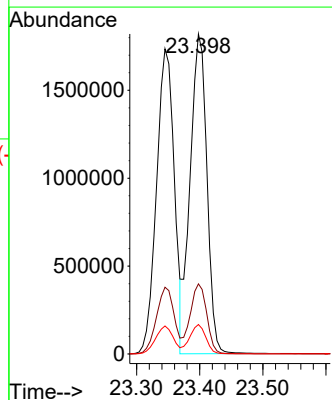
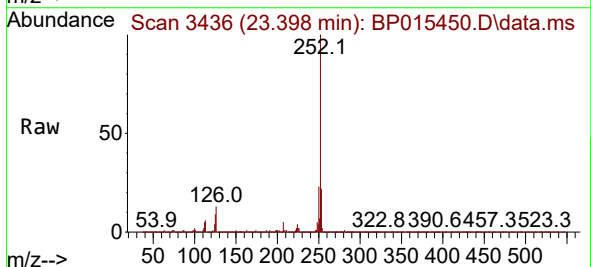
Tgt Ion:252 Resp: 3358820

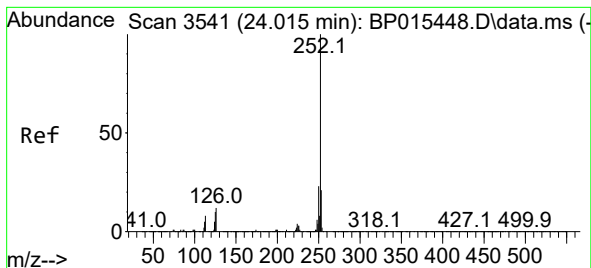
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 29.574 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

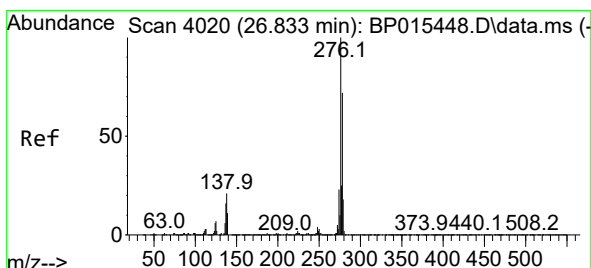
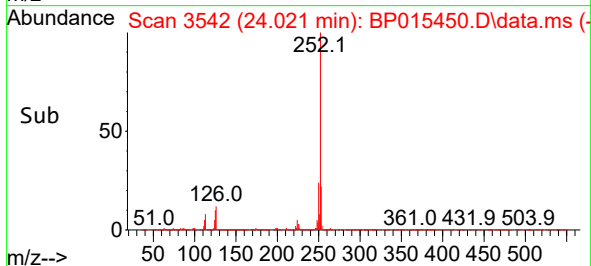
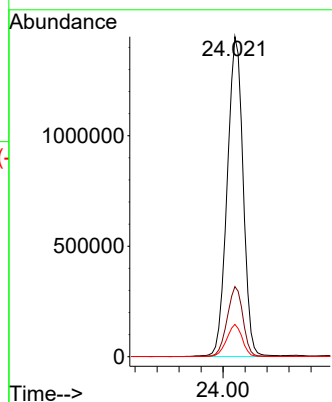
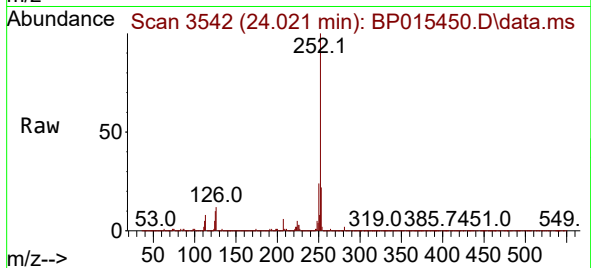
Tgt Ion:252 Resp: 2907994

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.1 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.524 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

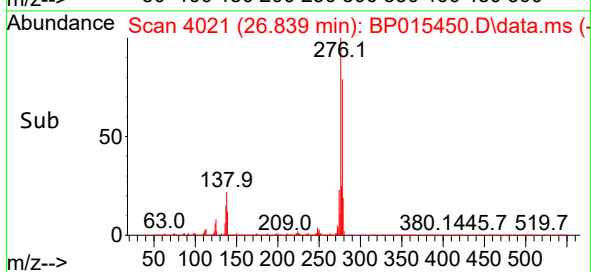
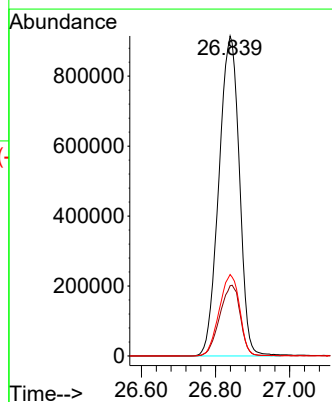
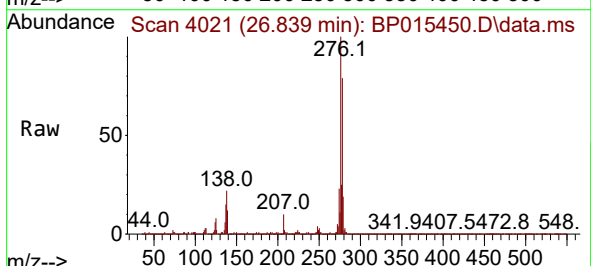
Tgt Ion:276 Resp: 3502462

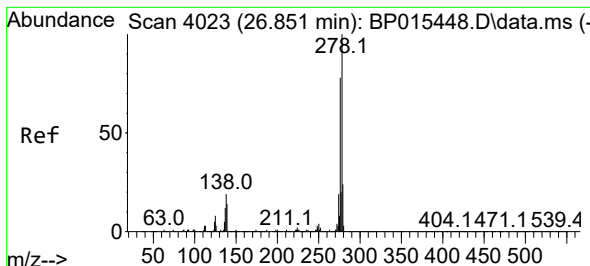
Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

277 25.4 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 28.111 ng/ul

RT: 26.857 min Scan# 4023

Delta R.T. -0.006 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SLCS136

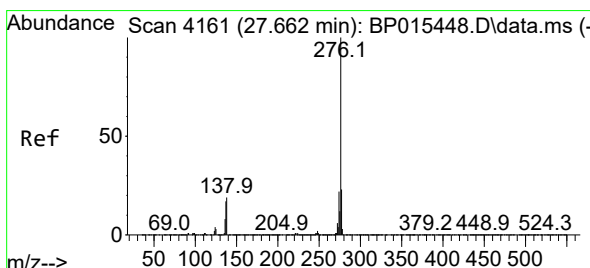
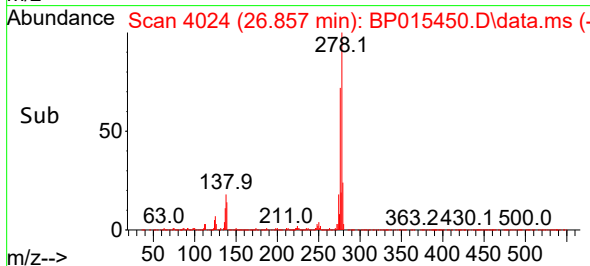
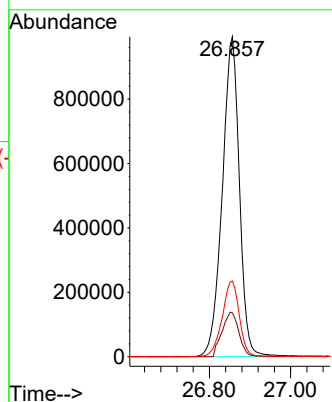
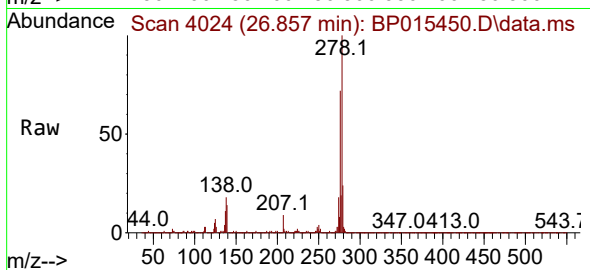
Tgt Ion:278 Resp: 2914401

Ion Ratio Lower Upper

278 100

139 13.7 11.4 17.0

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 26.832 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.012 min

Lab File: BP015450.D

Acq: 09 Jun 2023 13:21

Tgt Ion:276 Resp: 2813899

Ion Ratio Lower Upper

276 100

138 19.9 15.6 23.4

277 23.9 19.0 28.6

