

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020110.D
 Acq On : 23 Apr 2024 20:31
 Operator : MA/JU
 Sample : PB160399BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS399

Quant Time: Apr 24 01:31:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	129257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	525662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	289694	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	509153	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	491899	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	535713	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	23006	8.086	ng/uL	0.00
4) Pyridine-d5	3.622	84	281432	32.986	ng/u1	-0.01
7) Phenol-d5	6.816	99	417295	38.495	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	273506	38.813	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	300610	38.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	325289	39.067	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	153414	39.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	180857	40.003	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	325625	39.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	412983	39.753	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	821410	40.578	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	899792	37.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	101395	33.474	ng/u1	0.00
60) Fluorene-d10	15.345	176	612515	35.061	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	100517	41.151	ng/u1	0.00
73) Anthracene-d10	17.269	188	847124	37.568	ng/u1	0.01
81) Pyrene-d10	19.663	212	1066667	38.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	1052971	40.431	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	36197	11.025	ng/uL	98
5) Pyridine	3.640	79	286587	32.817	ng/u1	93
6) Benzaldehyde	6.799	77	273824	44.424	ng/u1	97
8) Phenol	6.846	94	435286	38.447	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	336563	37.241	ng/u1	98
12) 2-Chlorophenol	7.205	128	306479	37.733	ng/u1	98
13) 2-Methylphenol	8.075	108	311333	37.880	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	463815	36.904	ng/u1	98
16) Acetophenone	8.457	105	525774	38.453	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	298257	38.445	ng/u1	99
18) 4-Methylphenol	8.410	108	338864	38.780	ng/u1	97
19) Hexachloroethane	8.687	117	142235	35.763	ng/u1	93
22) Nitrobenzene	8.834	77	438955	36.828	ng/u1	98
23) Isophorone	9.363	82	807163	37.502	ng/u1	100
25) 2-Nitrophenol	9.534	139	182229	38.911	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	303793	29.763	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	456892	37.127	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	311006	38.030	ng/u1	97
30) Naphthalene	10.457	128	961337	35.226	ng/u1	100
32) 4-Chloroaniline	10.587	127	350510	34.408	ng/u1	99
33) Hexachlorobutadiene	10.728	225	254355	36.702	ng/u1	100
34) Caprolactam	11.398	113	69756	29.776	ng/u1	96
35) 4-Chloro-3-methylphenol	11.728	107	332981	35.899	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	646815	35.826	ng/u1	100

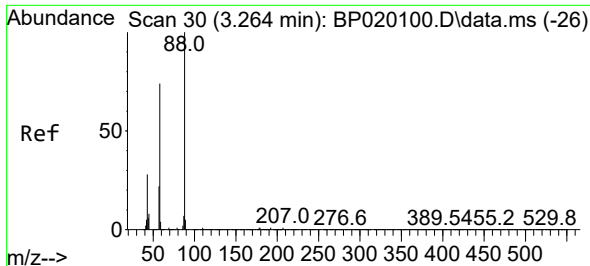
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	639681	35.596	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	412184	40.669	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	88840	24.274	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	241222	39.696	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	243073	38.565	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	823547	39.291	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	637568	37.555	ng/ul	99
45) 2-Nitroaniline	13.398	65	217354	39.114	ng/ul	98
47) Dimethylphthalate	13.781	163	796100	38.654	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	153076	37.180	ng/ul	98
50) Acenaphthylene	14.034	152	917653	34.534	ng/ul	99
51) 3-Nitroaniline	14.245	138	147269	36.251	ng/ul	93
52) Acenaphthene	14.387	153	601186	34.367	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	60284	34.452	ng/ul	92
55) 4-Nitrophenol	14.586	109	107614	34.096	ng/ul	97
56) Dibenzofuran	14.739	168	849793	35.100	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	204526	35.027	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	184907	32.880	ng/ul	99
59) Diethylphthalate	15.181	149	730530	36.061	ng/ul	100
61) Fluorene	15.404	166	656975	33.012	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	371773	34.377	ng/ul	96
63) 4-Nitroaniline	15.457	138	130444	33.689	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	101439	39.666	ng/ul	100
67) N-Nitrosodiphenylamine	15.628	169	547873	40.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	219785	39.603	ng/ul	97
69) Hexachlorobenzene	16.433	284	236503	37.636	ng/ul	98
70) Atrazine	16.633	200	179371	34.487	ng/ul	98
71) Pentachlorophenol	16.798	266	148164	37.748	ng/ul	97
72) Phenanthrene	17.204	178	962733	36.876	ng/ul	99
74) Anthracene	17.304	178	956246	36.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	391351	47.531	ng/uL	98
76) Pentachlorobenzene	14.639	250	319208	41.873	ng/uL	99
77) Carbazole	17.604	167	864629	37.028	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1055390	37.376	ng/ul	99
80) Fluoranthene	19.316	202	1201276	36.862	ng/ul	99
82) Pyrene	19.692	202	1260634	37.124	ng/ul	98
83) Butylbenzylphthalate	20.669	149	505439	37.004	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.568	252	386193	41.789	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1269717	37.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	724775	36.090	ng/ul	99
87) Chrysene	21.710	228	1204858	38.187	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	1251362	37.265	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	1212859	37.409	ng/ul	97
91) Benzo(k)fluoranthene	24.051	252	1259668	39.669	ng/ul	99
93) Benzo(a)pyrene	24.892	252	1037707	34.241	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.939	276	1163327	32.120	ng/ul	98
95) Dibenzo(a,h)anthracene	29.009	278	1156294	38.813	ng/ul	97
96) Benzo(g,h,i)perylene	30.086	276	333652	11.624	ng/ul	97

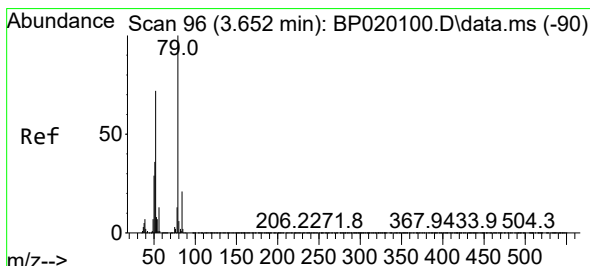
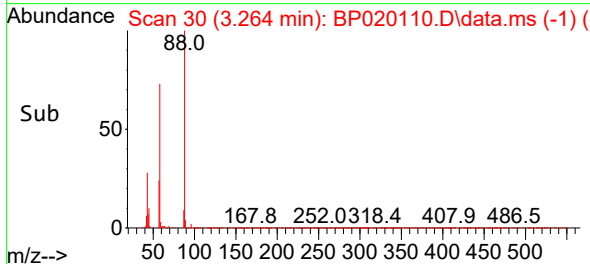
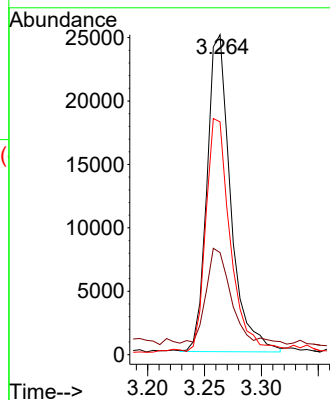
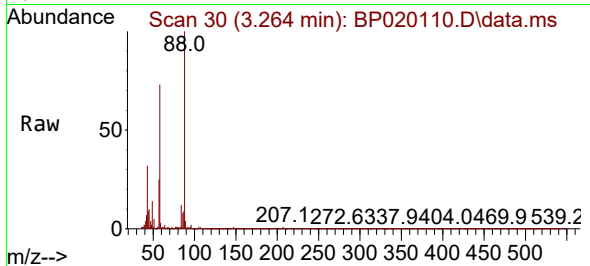
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#2
1,4-Dioxane
Concen: 11.025 ng/uL
RT: 3.264 min Scan# 30
Delta R.T. -0.000 min
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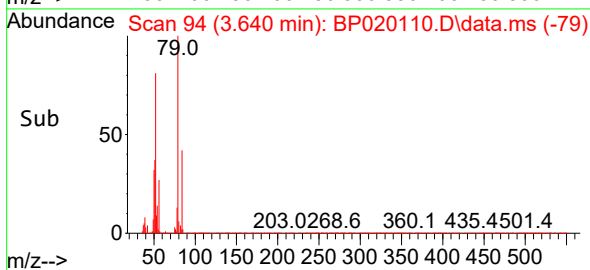
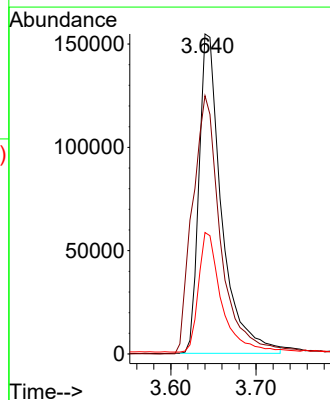
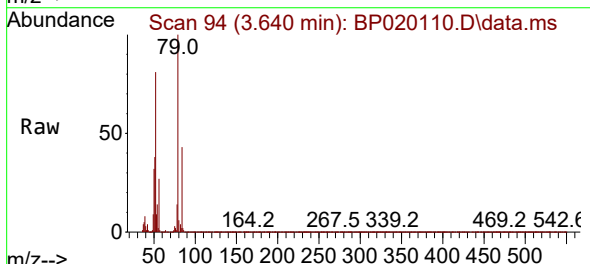
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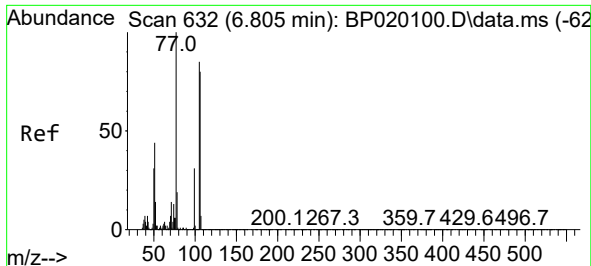
Tgt Ion: 88 Resp: 36197
Ion Ratio Lower Upper
88 100
43 31.9 24.0 36.0
58 72.8 59.1 88.7



#5
Pyridine
Concen: 32.817 ng/uL
RT: 3.640 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 79 Resp: 286587
Ion Ratio Lower Upper
79 100
52 80.7 57.9 86.9
51 38.0 29.6 44.4

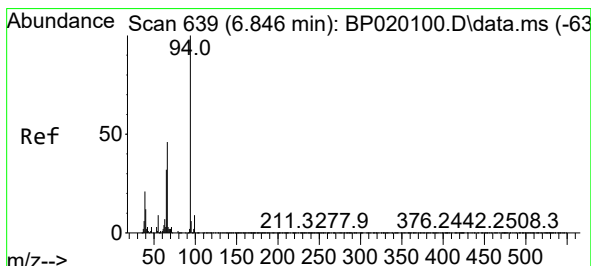
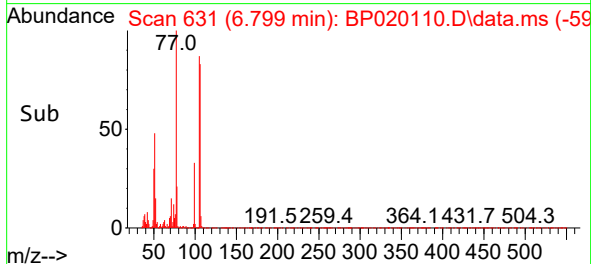
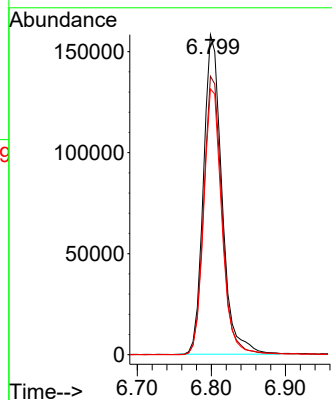
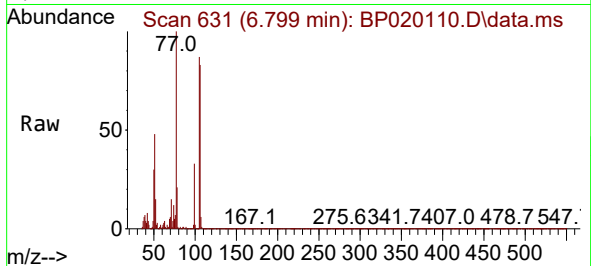




#6
Benzaldehyde
Concen: 44.424 ng/ul
RT: 6.799 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

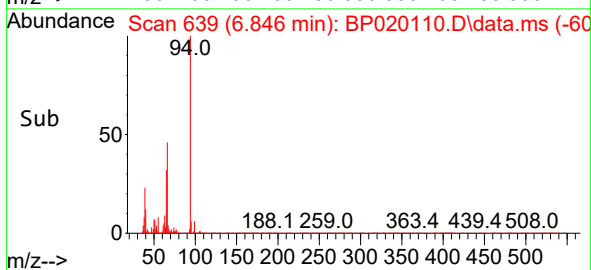
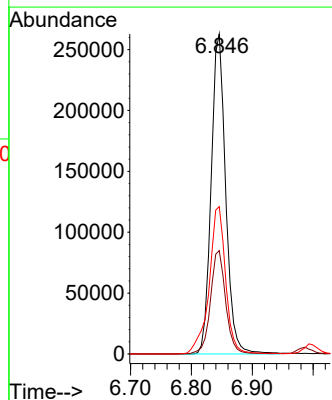
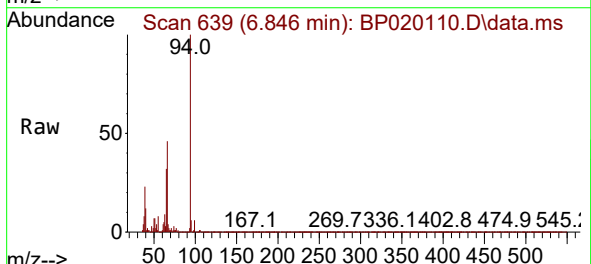
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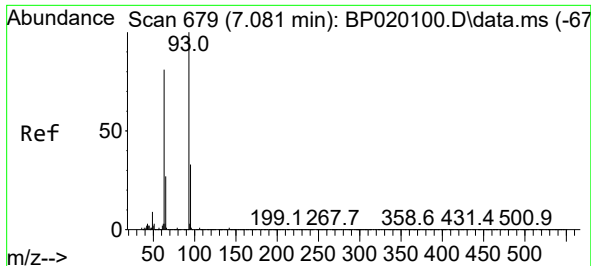
Tgt Ion: 77 Resp: 273824
Ion Ratio Lower Upper
77 100
105 87.0 67.9 101.9
106 83.1 63.9 95.9



#8
Phenol
Concen: 38.447 ng/ul
RT: 6.846 min Scan# 639
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 94 Resp: 435286
Ion Ratio Lower Upper
94 100
65 32.3 25.5 38.3
66 46.1 36.9 55.3

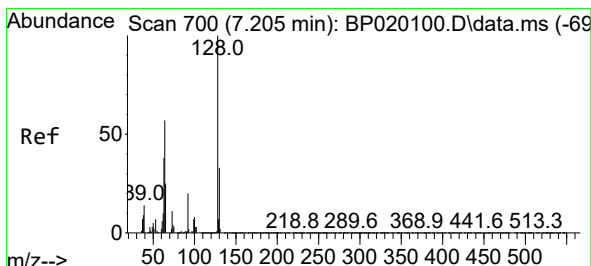
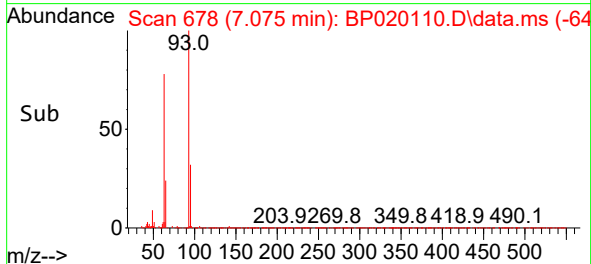
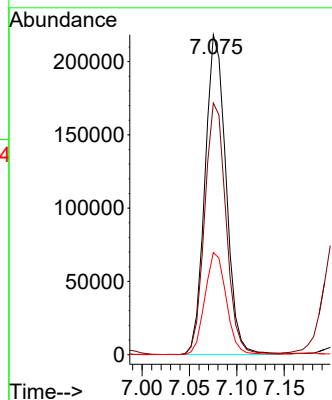
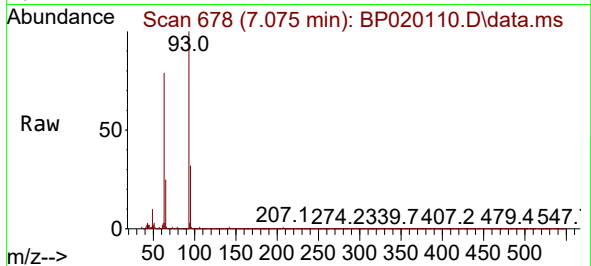




#10
Bis(2-Chloroethyl)ether
Concen: 37.241 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

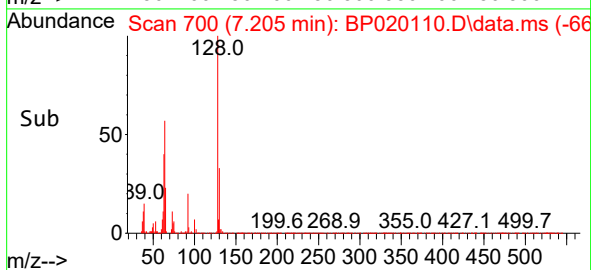
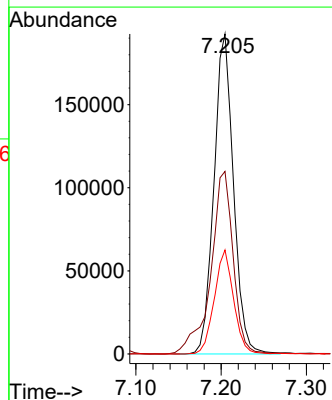
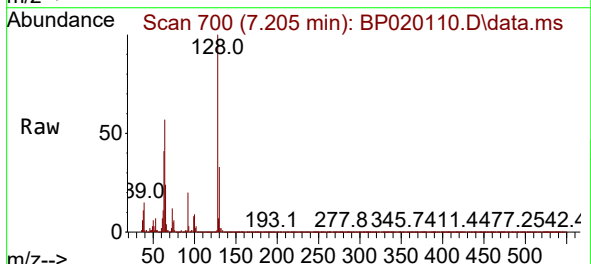
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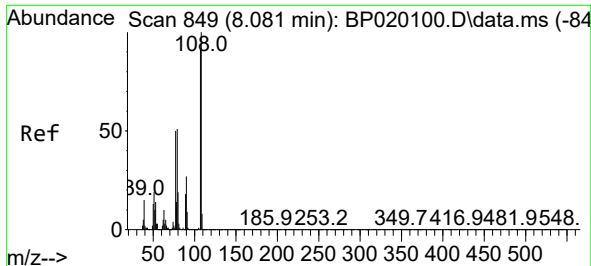
Tgt Ion: 93 Resp: 336563
Ion Ratio Lower Upper
93 100
63 78.7 64.7 97.1
95 31.9 26.2 39.4



#12
2-Chlorophenol
Concen: 37.733 ng/ul
RT: 7.205 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 128 Resp: 306479
Ion Ratio Lower Upper
128 100
64 57.0 47.3 70.9
130 32.5 26.1 39.1

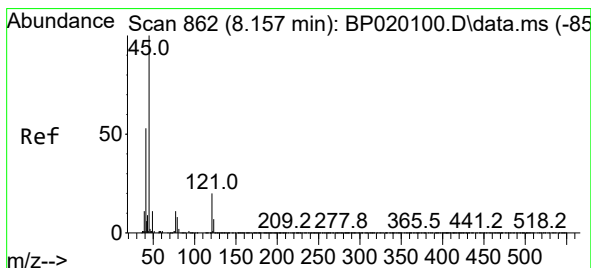
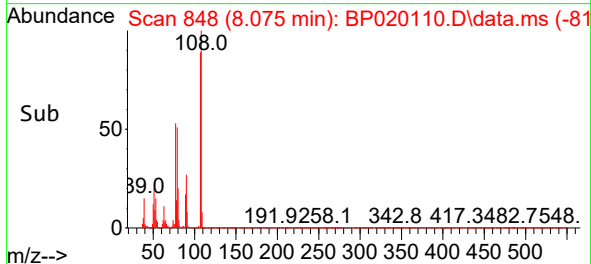
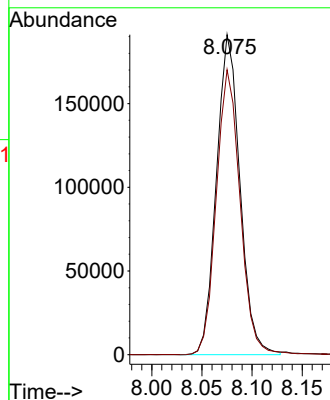
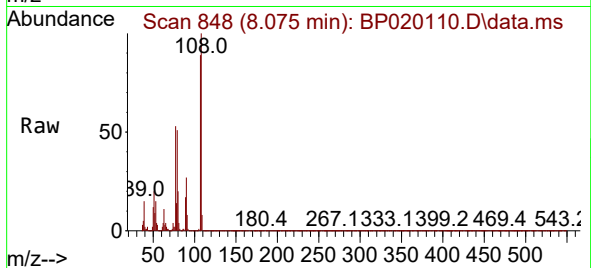




#13
2-Methylphenol
Concen: 37.880 ng/ul
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

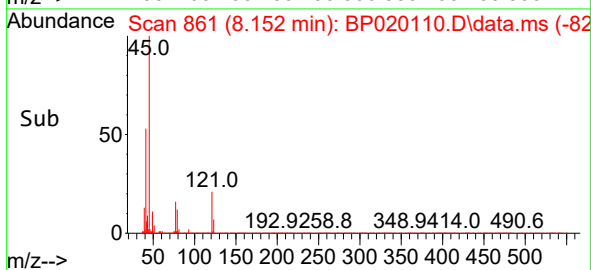
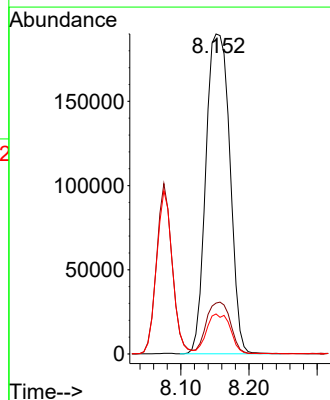
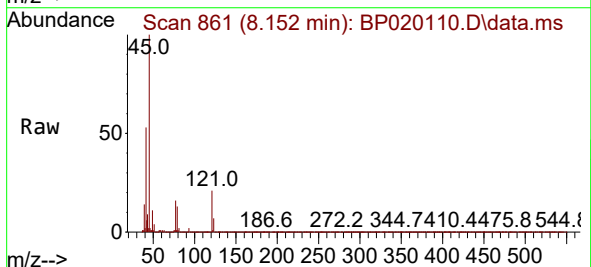
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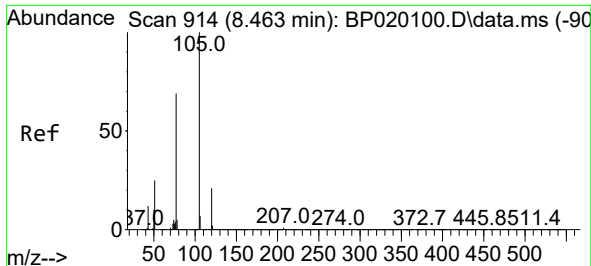
Tgt Ion:108 Resp: 311333
Ion Ratio Lower Upper
108 100
107 89.1 72.8 109.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.904 ng/ul
RT: 8.152 min Scan# 861
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 45 Resp: 463815
Ion Ratio Lower Upper
45 100
77 15.9 13.4 20.2
79 12.5 10.7 16.1

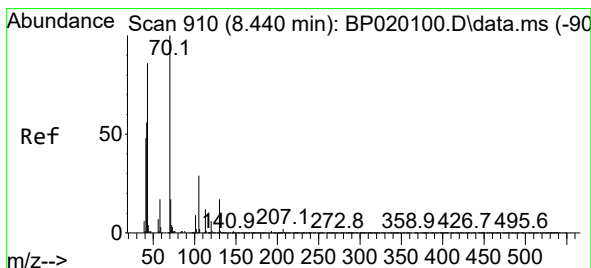
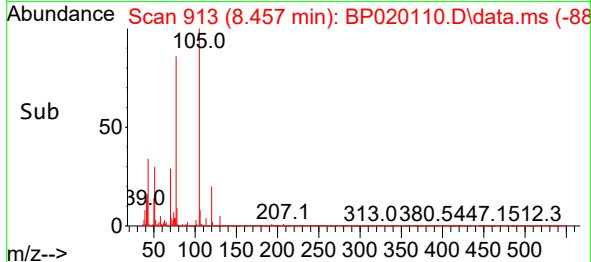
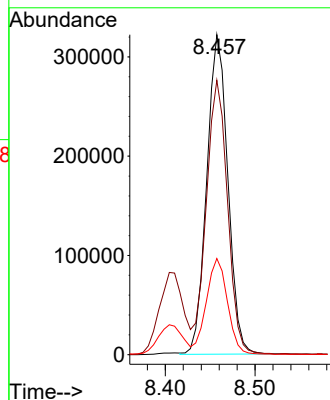
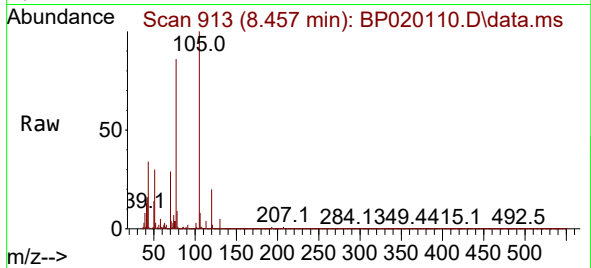




#16
Acetophenone
Concen: 38.453 ng/ul
RT: 8.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

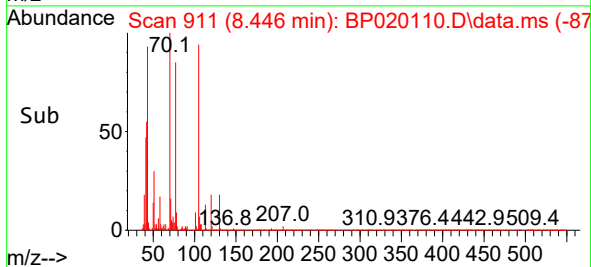
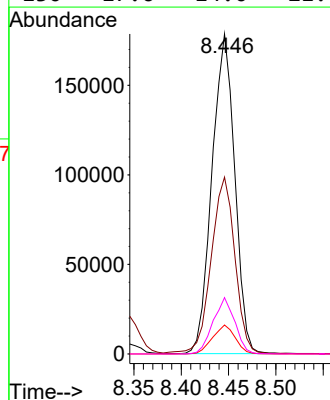
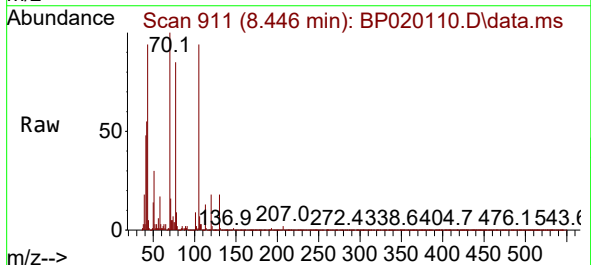
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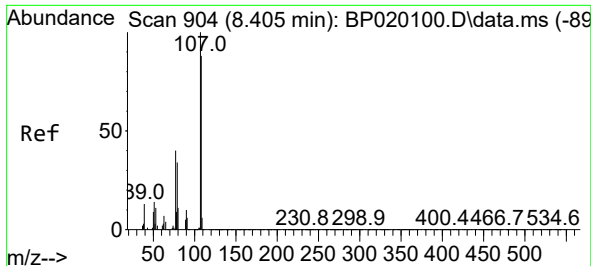
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Ion Ratio Lower Upper
105 100
77 85.7 69.8 104.8
51 30.1 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 38.445 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 70 Resp: 298257
Ion Ratio Lower Upper
70 100
42 55.2 45.3 67.9
101 9.1 7.5 11.3
130 17.6 14.0 21.0

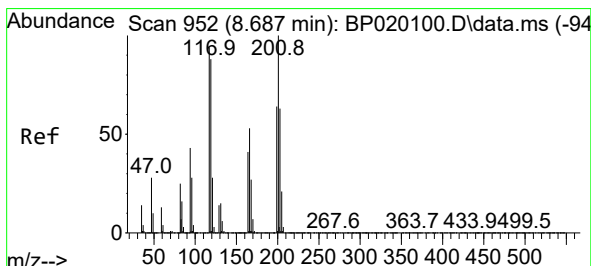
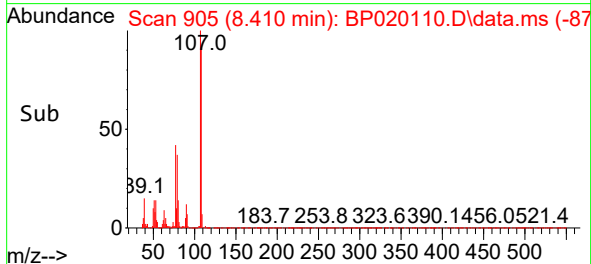
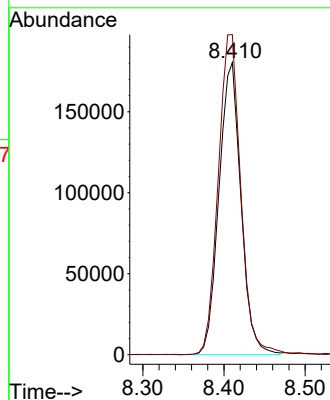
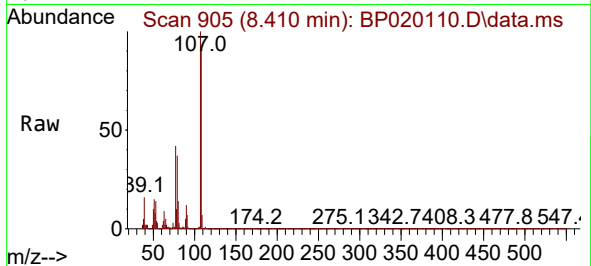




#18
4-Methylphenol
Concen: 38.780 ng/ul
RT: 8.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

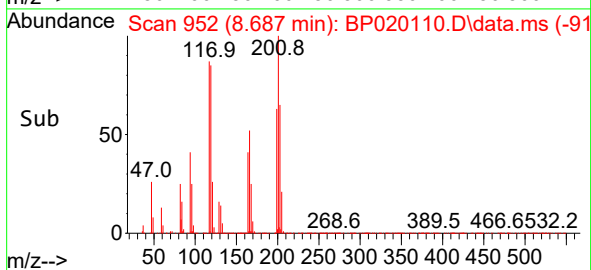
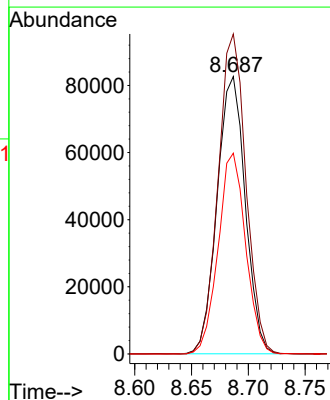
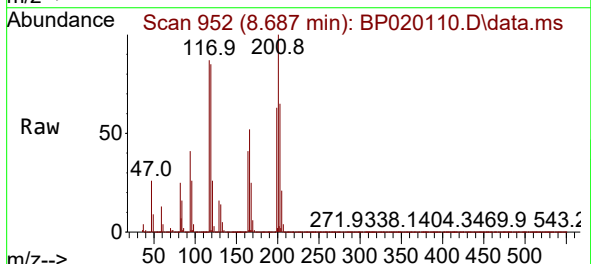
Instrument :
BNA_P
ClientSampleId :
SLCS399

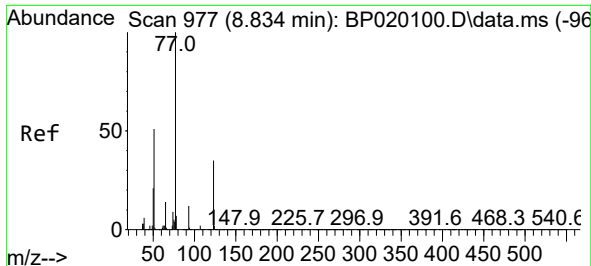
Tgt Ion:108 Resp: 338864
Ion Ratio Lower Upper
108 100
107 109.5 90.5 135.7



#19
Hexachloroethane
Concen: 35.763 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:117 Resp: 142235
Ion Ratio Lower Upper
117 100
201 115.4 85.2 127.8
199 72.4 54.3 81.5

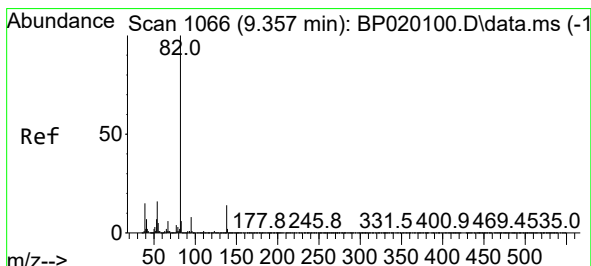
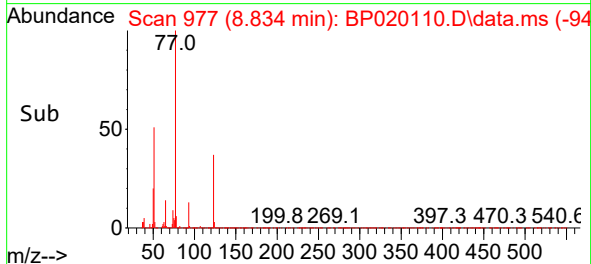
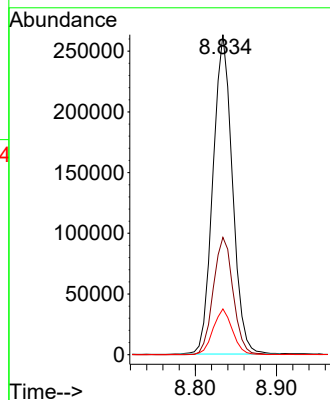
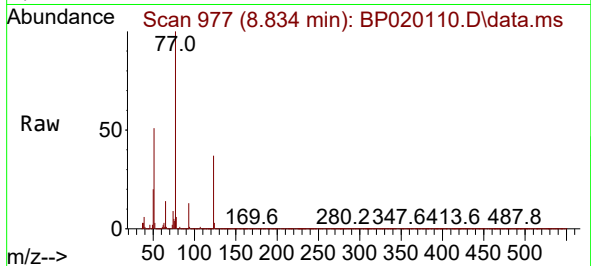




#22
Nitrobenzene
Concen: 36.828 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

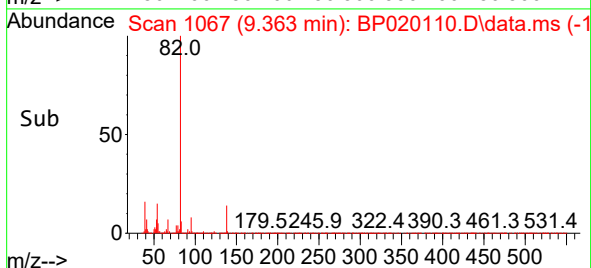
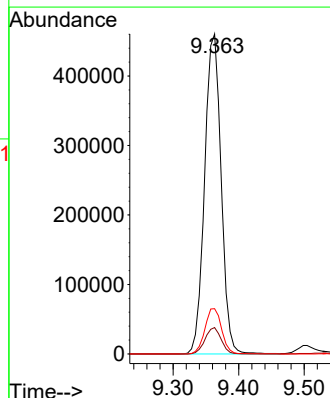
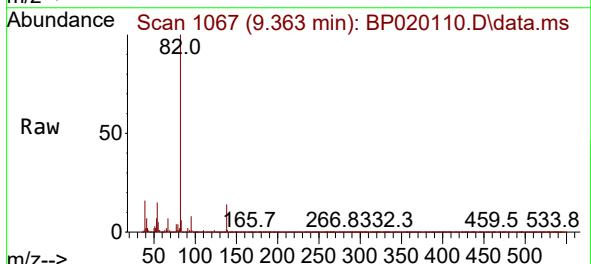
Instrument :
BNA_P
ClientSampleId :
SLCS399

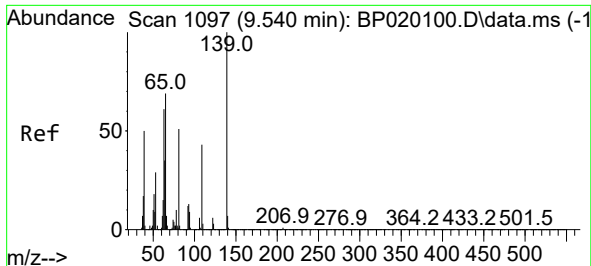
Tgt Ion: 77 Resp: 438955
Ion Ratio Lower Upper
77 100
123 36.6 27.8 41.6
65 14.3 11.5 17.3



#23
Isophorone
Concen: 37.502 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion: 82 Resp: 807163
Ion Ratio Lower Upper
82 100
95 8.3 6.5 9.7
138 14.2 11.4 17.2

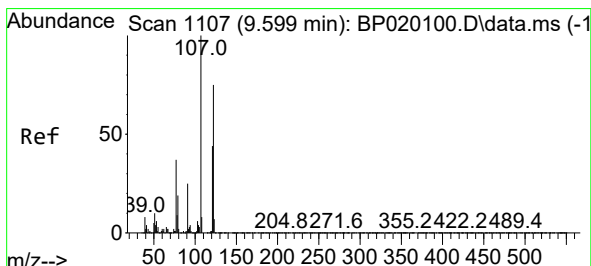
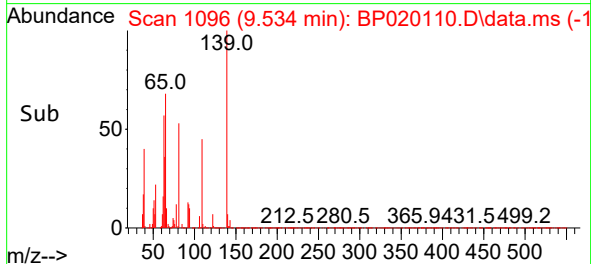
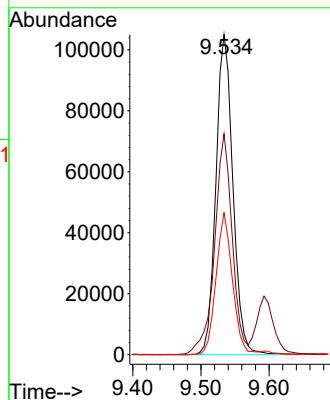
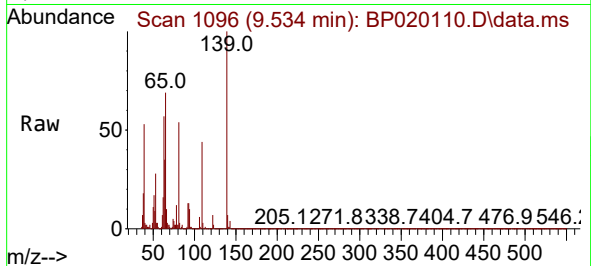




#25
2-Nitrophenol
Concen: 38.911 ng/ul
RT: 9.534 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

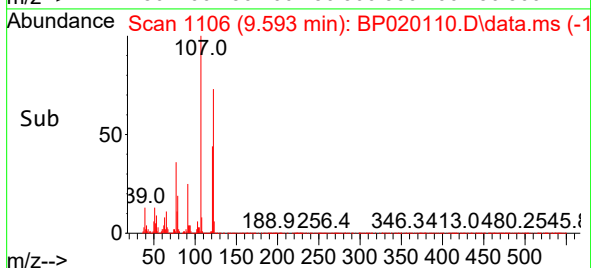
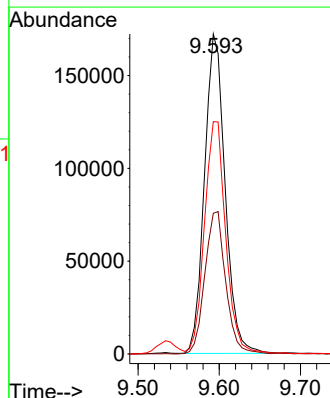
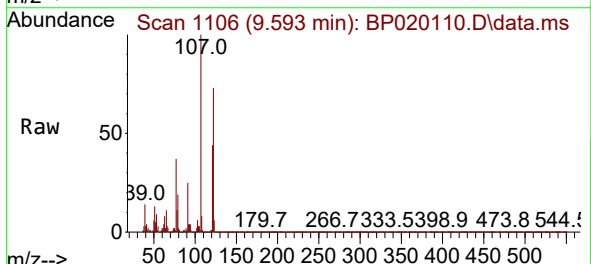
Instrument :
BNA_P
ClientSampleId :
SLCS399

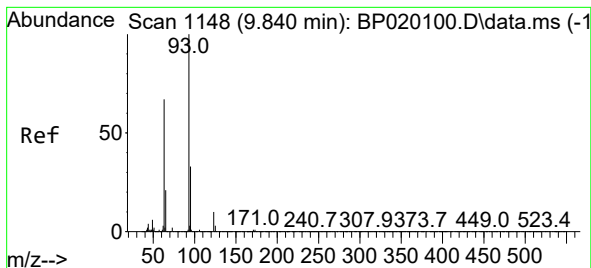
Tgt Ion:139 Resp: 182229
Ion Ratio Lower Upper
139 100
65 69.0 55.3 82.9
109 44.3 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 29.763 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:107 Resp: 303793
Ion Ratio Lower Upper
107 100
121 44.0 35.0 52.4
122 72.6 61.0 91.4

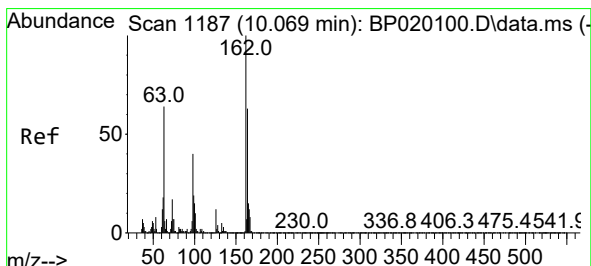
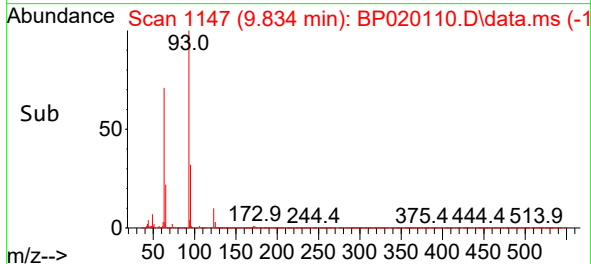
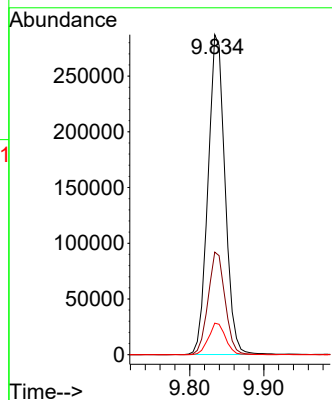
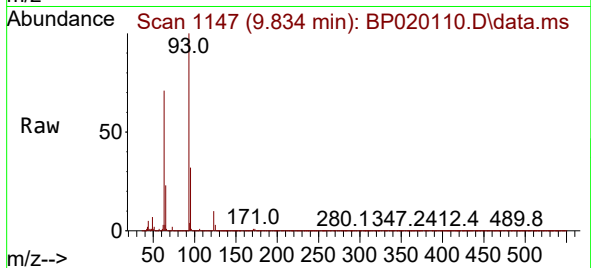




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.127 ng/ul
 RT: 9.834 min Scan# 1148
 Delta R.T. -0.006 min
 Lab File: BP020110.D
 Acq: 23 Apr 2024 20:31

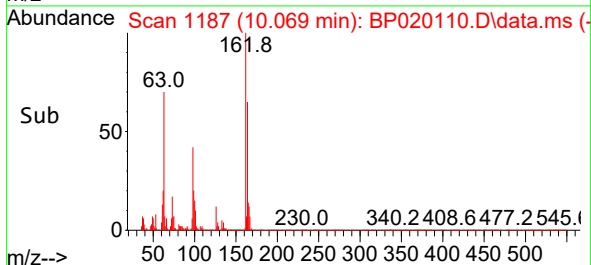
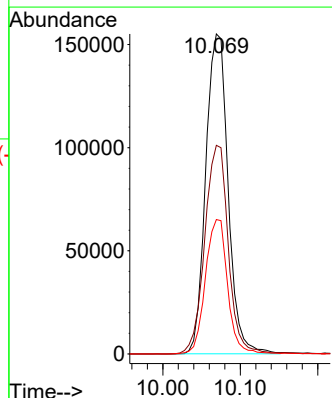
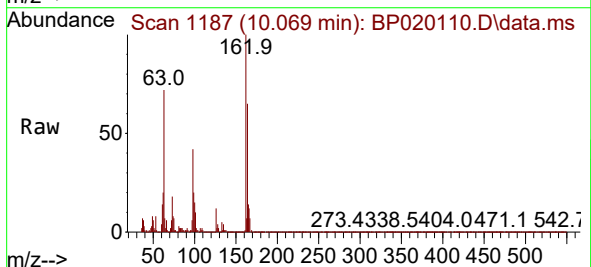
Instrument :
 BNA_P
 ClientSampleId :
 SLCS399

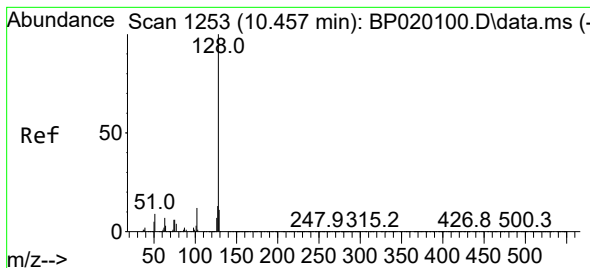
Tgt Ion: 93 Resp: 456892
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.4
 123 9.8 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 38.030 ng/ul
 RT: 10.069 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BP020110.D
 Acq: 23 Apr 2024 20:31

Tgt Ion:162 Resp: 311006
 Ion Ratio Lower Upper
 162 100
 164 65.2 50.5 75.7
 98 42.0 31.8 47.6





#30

Naphthalene

Concen: 35.226 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

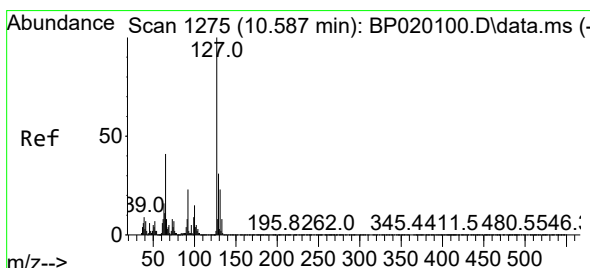
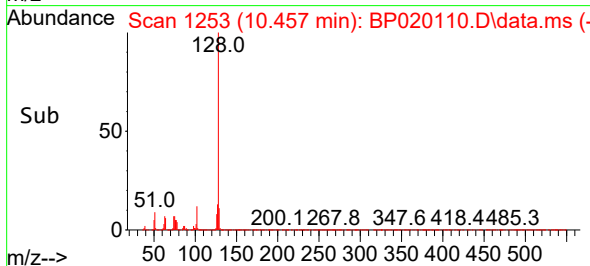
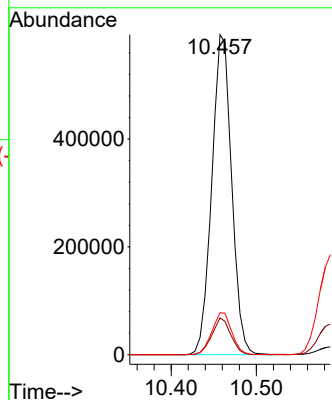
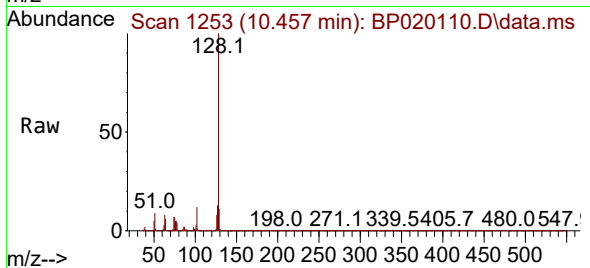
Tgt Ion:128 Resp: 961337

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 13.1 10.3 15.5



#32

4-Chloroaniline

Concen: 34.408 ng/ul

RT: 10.587 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BP020110.D

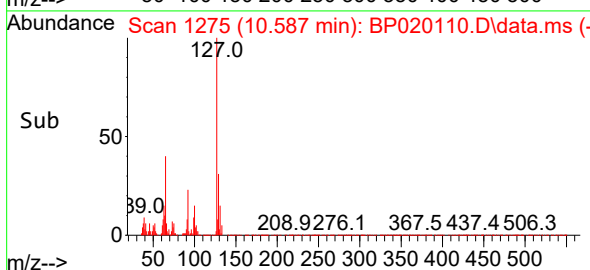
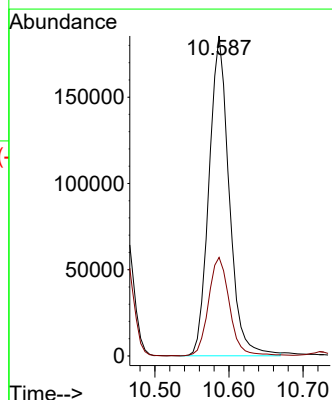
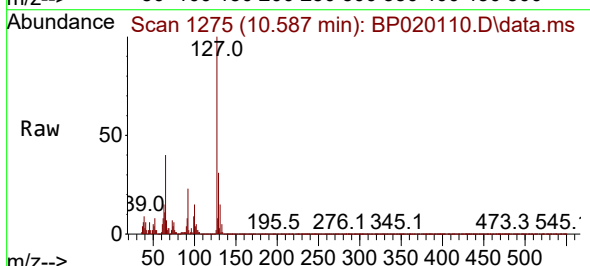
Acq: 23 Apr 2024 20:31

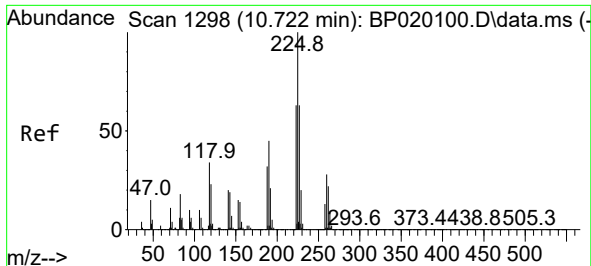
Tgt Ion:127 Resp: 350510

Ion Ratio Lower Upper

127 100

129 30.8 25.0 37.4

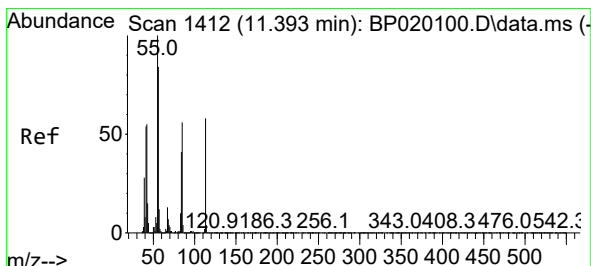
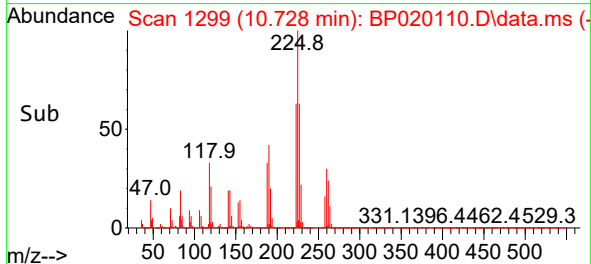
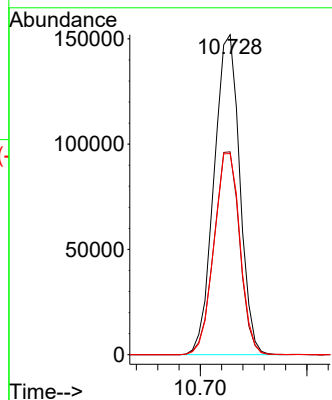
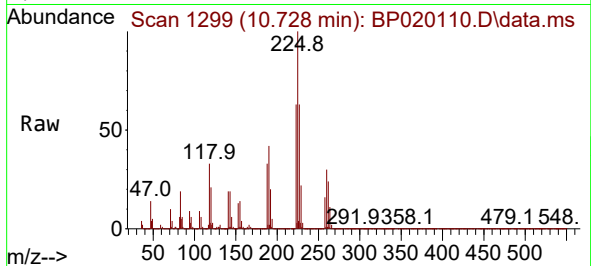




#33
Hexachlorobutadiene
Concen: 36.702 ng/ul
RT: 10.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

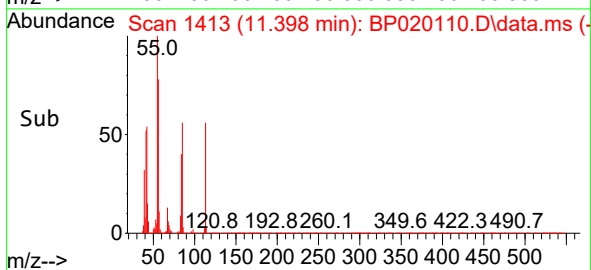
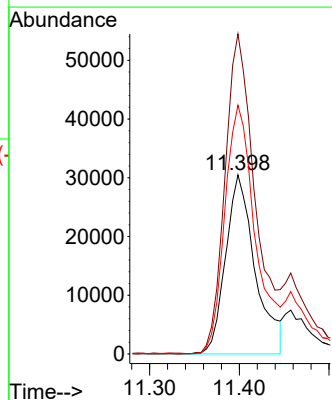
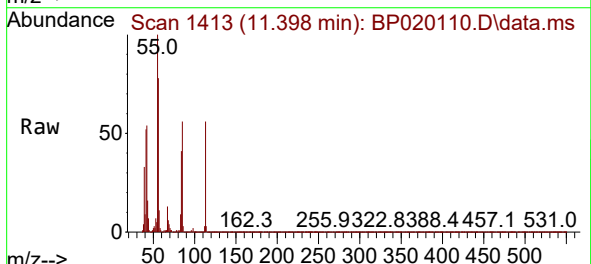
Instrument :
BNA_P
ClientSampleId :
SLCS399

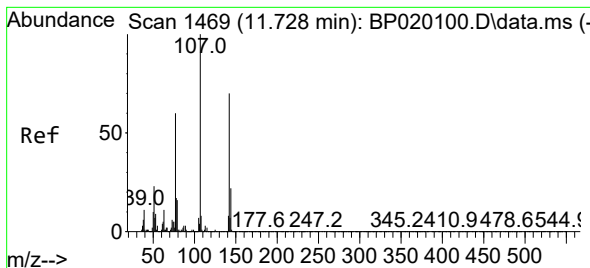
Tgt Ion:225 Resp: 254355
Ion Ratio Lower Upper
225 100
223 63.4 50.8 76.2
227 62.8 50.7 76.1



#34
Caprolactam
Concen: 29.776 ng/ul
RT: 11.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:113 Resp: 69756
Ion Ratio Lower Upper
113 100
55 178.8 140.2 210.4
56 139.0 116.2 174.4

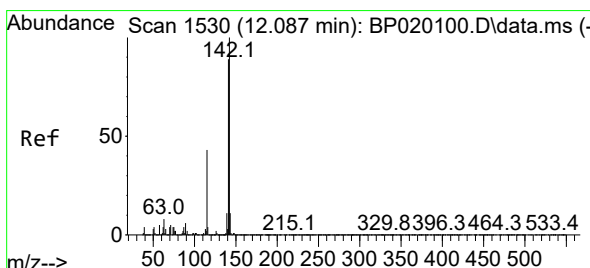
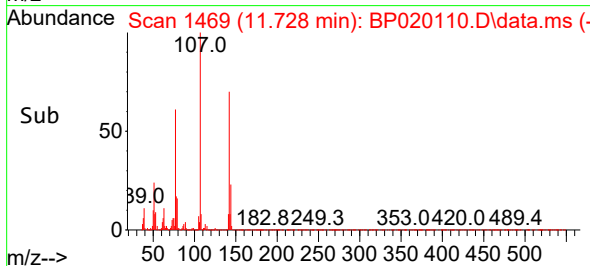
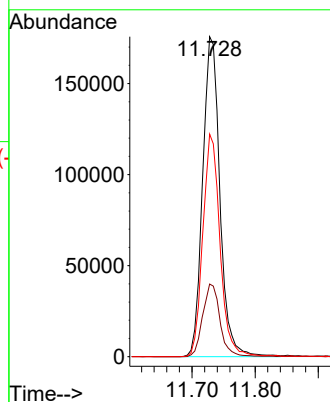
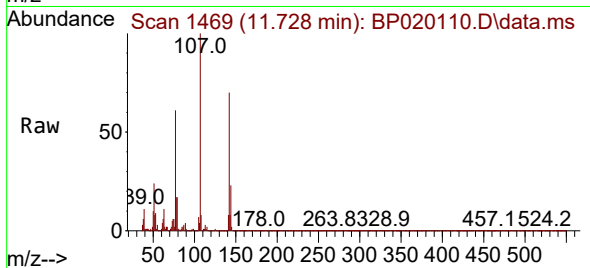




#35
4-Chloro-3-methylphenol
Concen: 35.899 ng/ul
RT: 11.728 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

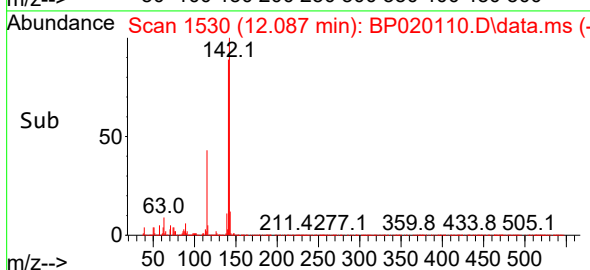
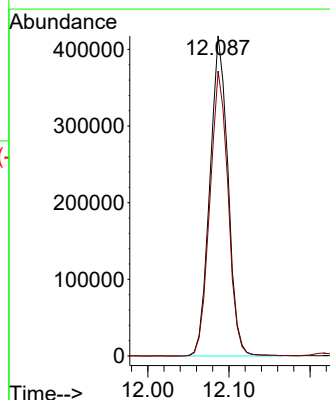
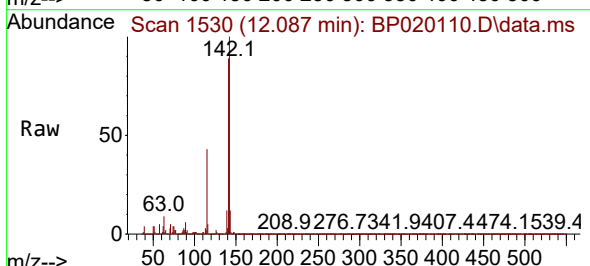
Instrument :
BNA_P
ClientSampleId :
SLCS399

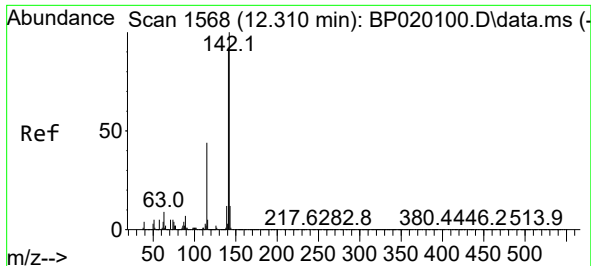
Tgt Ion:107 Resp: 332981
Ion Ratio Lower Upper
107 100
144 22.7 17.9 26.9
142 69.5 56.2 84.4



#36
2-Methylnaphthalene
Concen: 35.826 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:142 Resp: 646815
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2





#37

1-Methylnaphthalene

Concen: 35.596 ng/ul

RT: 12.316 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

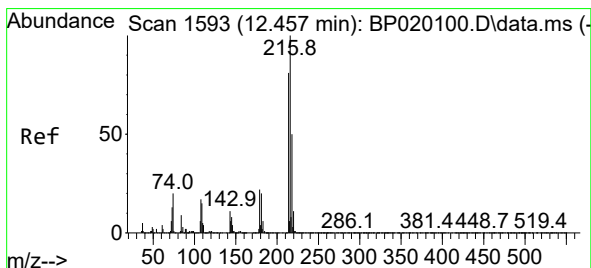
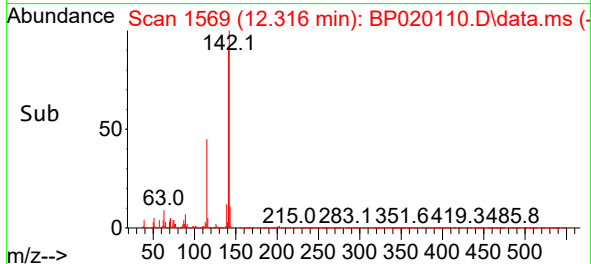
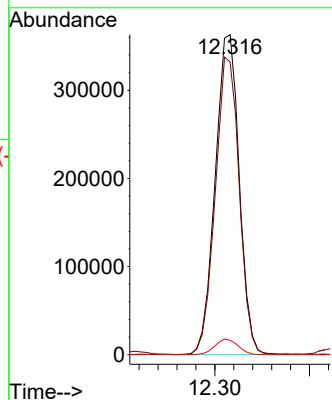
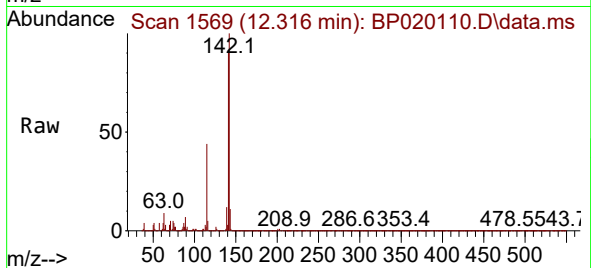
Tgt Ion:142 Resp: 639681

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

116 4.5 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.669 ng/ul

RT: 12.457 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Tgt Ion:216 Resp: 412184

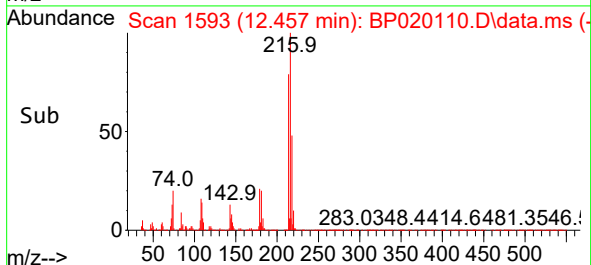
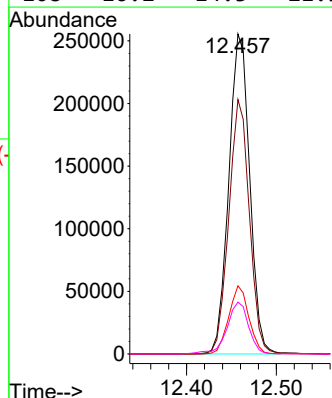
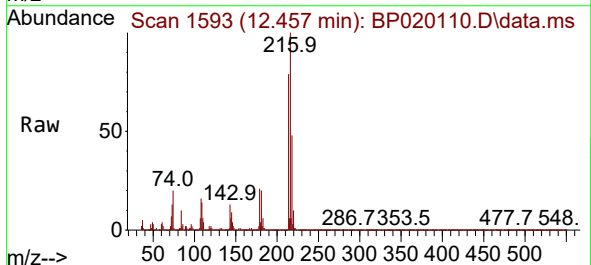
Ion Ratio Lower Upper

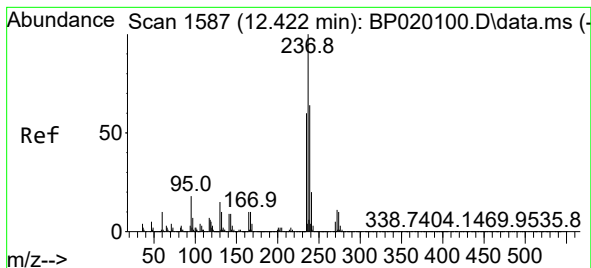
216 100

214 79.5 64.5 96.7

179 21.3 17.8 26.6

108 16.2 14.3 21.5

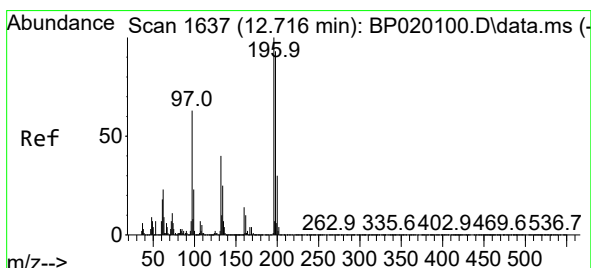
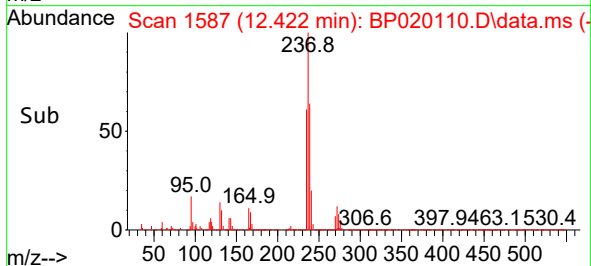
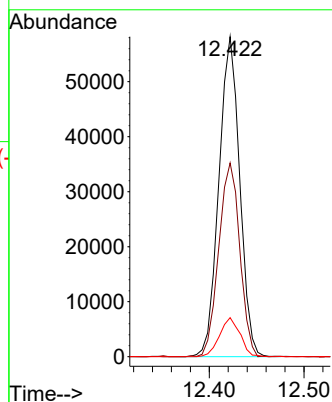
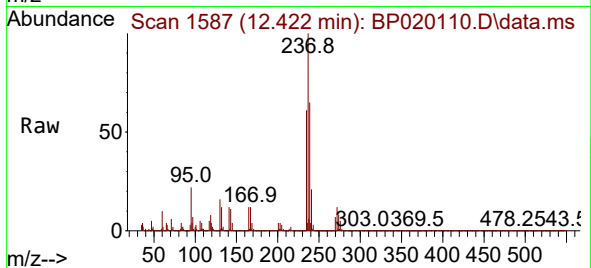




#40
Hexachlorocyclopentadiene
Concen: 24.274 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

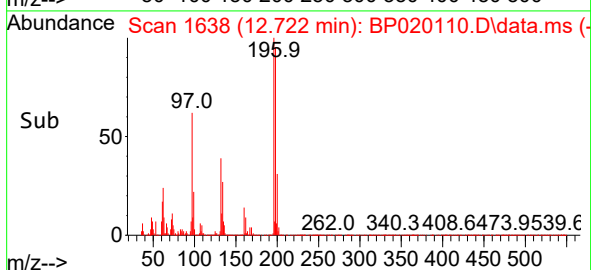
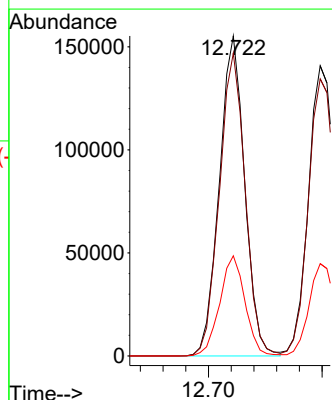
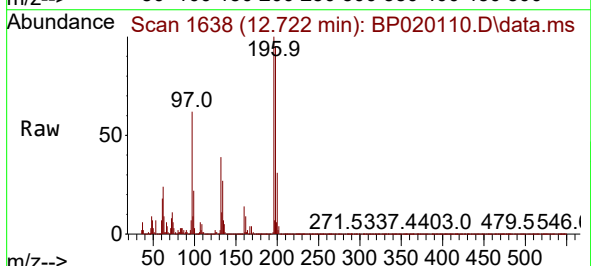
Instrument :
BNA_P
ClientSampleId :
SLCS399

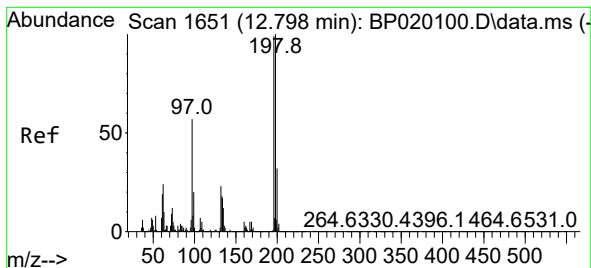
Tgt Ion:237 Resp: 88840
Ion Ratio Lower Upper
237 100
235 60.5 47.6 71.4
272 12.2 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 39.696 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:196 Resp: 241222
Ion Ratio Lower Upper
196 100
198 94.6 74.3 111.5
200 31.3 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 38.565 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

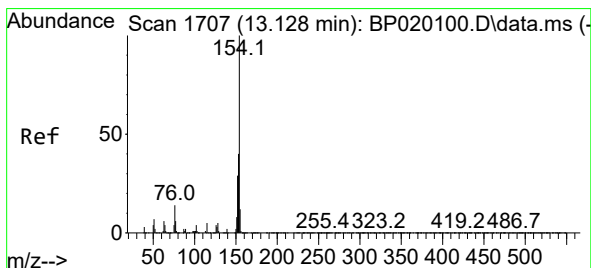
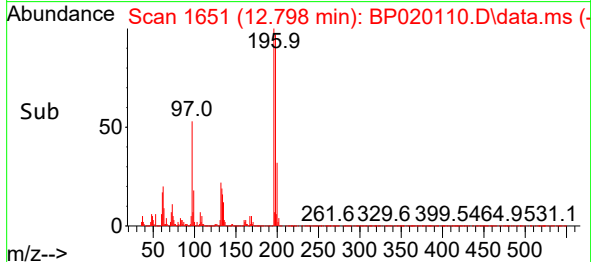
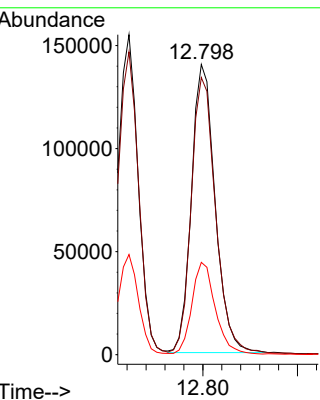
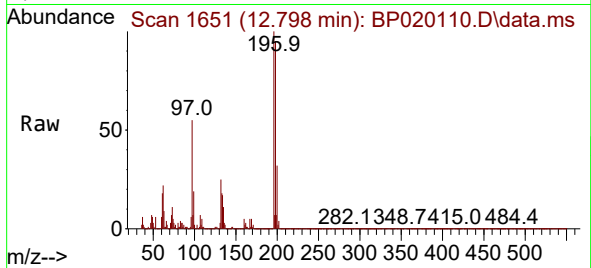
Tgt Ion:196 Resp: 243073

Ion Ratio Lower Upper

196 100

198 95.5 81.1 121.7

200 31.8 26.0 39.0



#43

1,1'-Biphenyl

Concen: 39.291 ng/ul

RT: 13.128 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

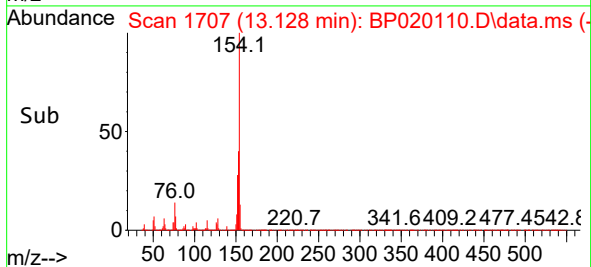
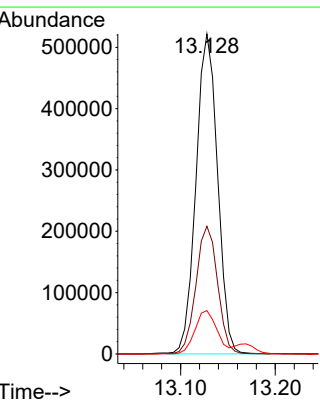
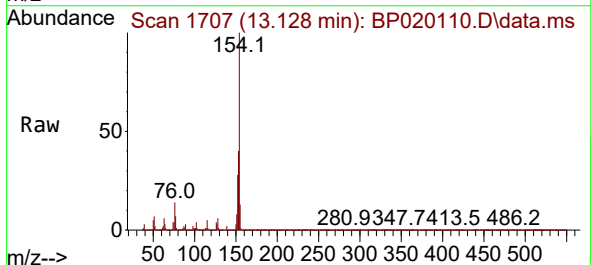
Tgt Ion:154 Resp: 823547

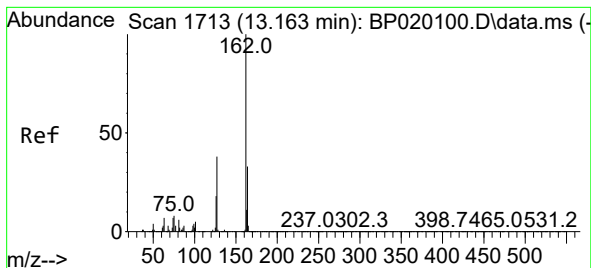
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 13.6 10.9 16.3





#44

2-Chloronaphthalene

Concen: 37.555 ng/ul

RT: 13.169 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

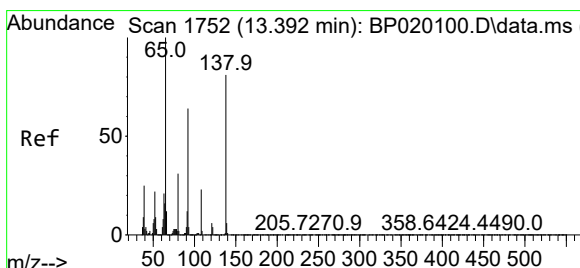
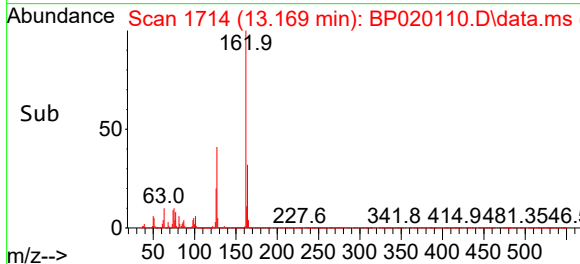
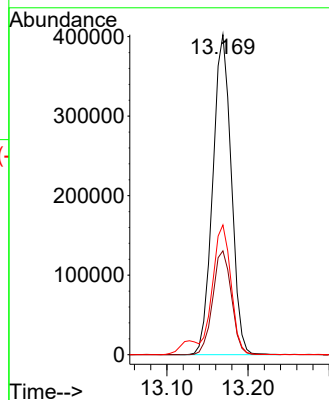
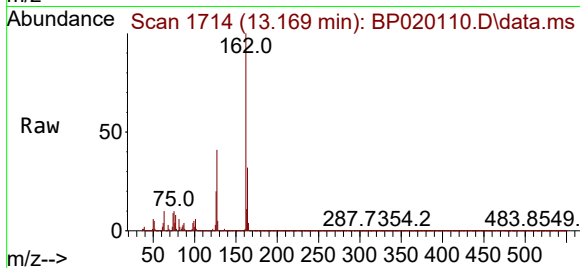
Tgt Ion:162 Resp: 637568

Ion Ratio Lower Upper

162 100

164 32.5 26.6 39.8

127 40.5 32.1 48.1



#45

2-Nitroaniline

Concen: 39.114 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

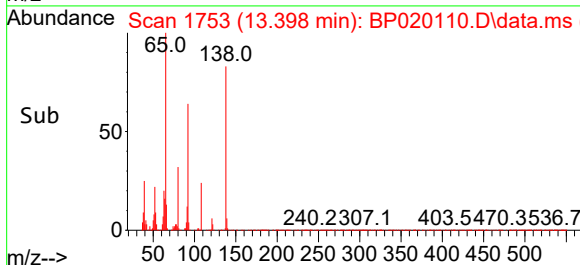
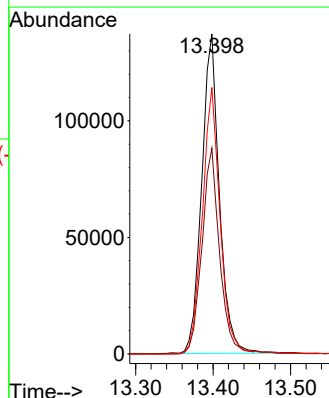
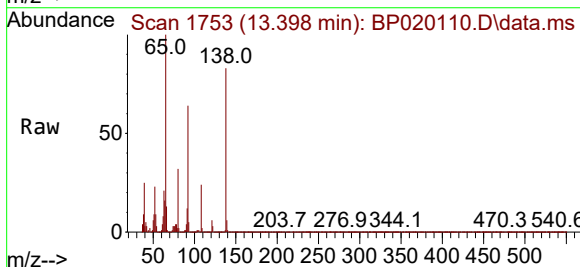
Tgt Ion: 65 Resp: 217354

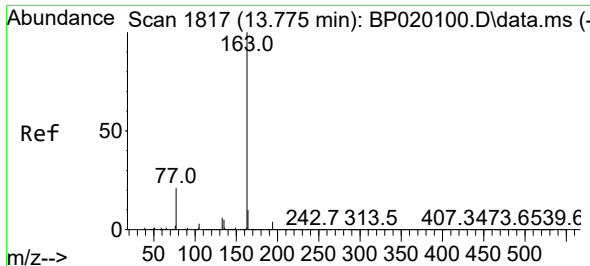
Ion Ratio Lower Upper

65 100

92 64.3 51.3 76.9

138 83.3 64.8 97.2

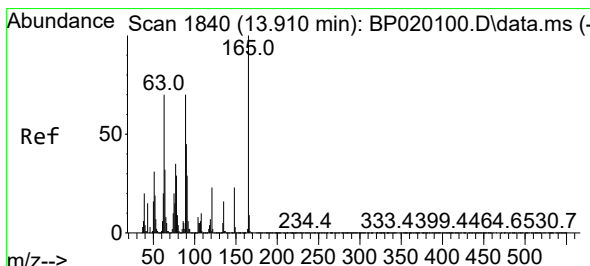
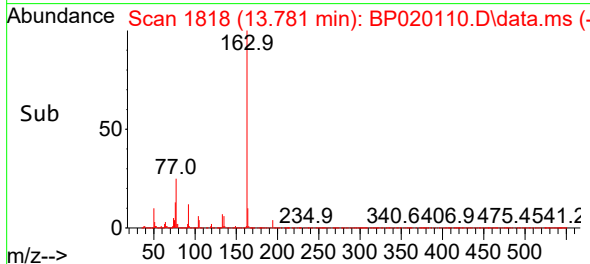
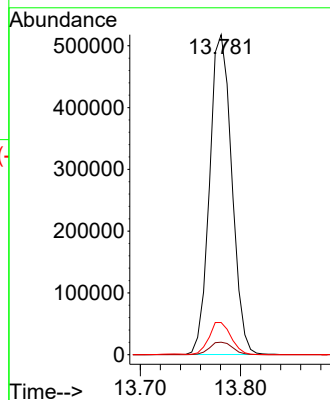
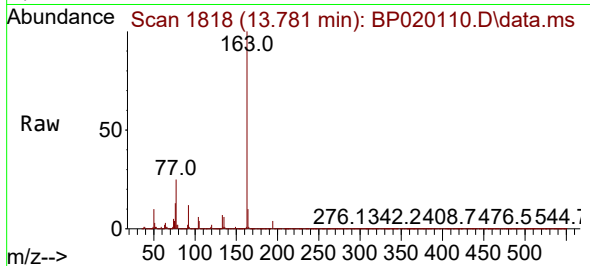




#47
Dimethylphthalate
Concen: 38.654 ng/ul
RT: 13.781 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

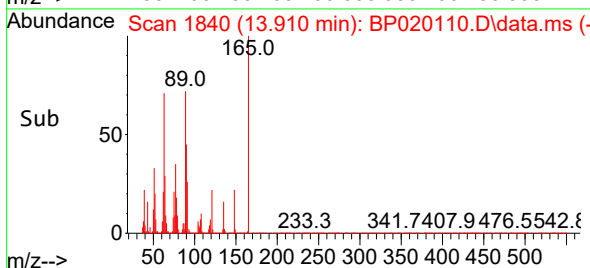
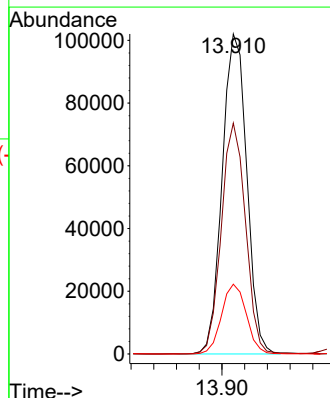
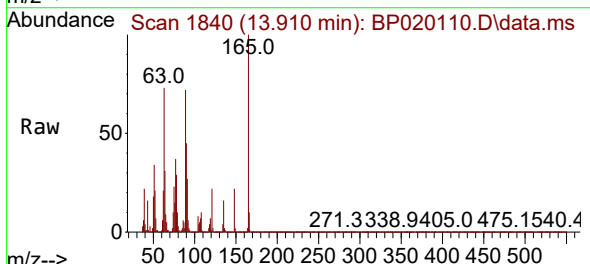
Instrument :
BNA_P
ClientSampleId :
SLCS399

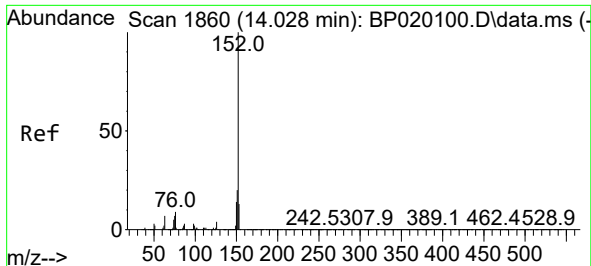
Tgt Ion:163 Resp: 796100
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 37.180 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:165 Resp: 153076
Ion Ratio Lower Upper
165 100
89 72.2 56.1 84.1
121 21.8 18.1 27.1

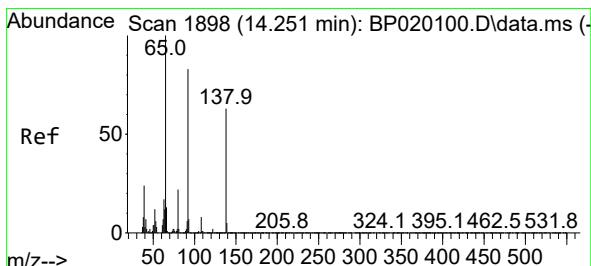
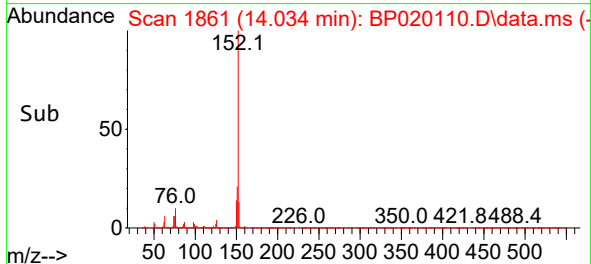
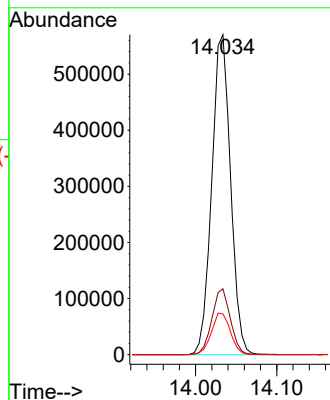
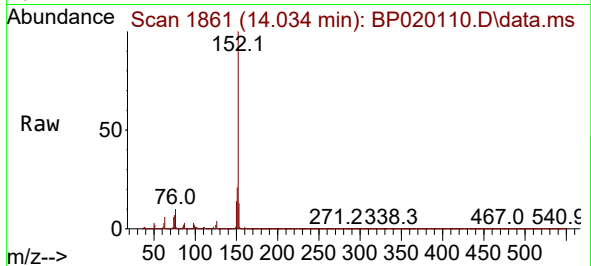




#50
Acenaphthylene
Concen: 34.534 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

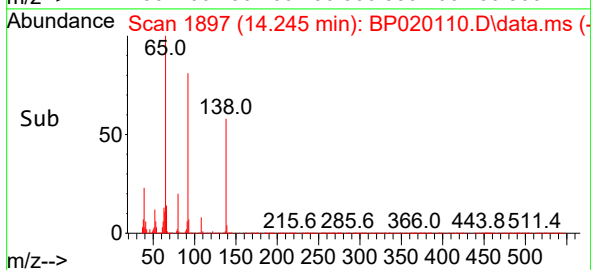
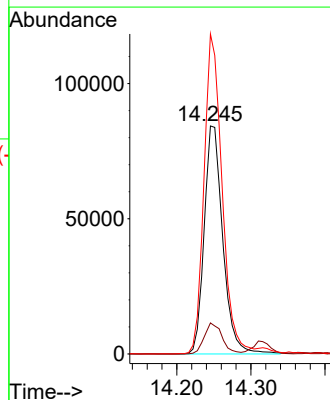
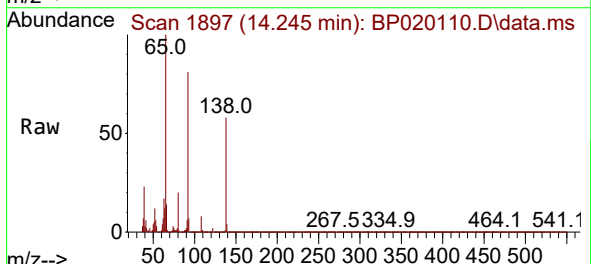
Instrument :
BNA_P
ClientSampleId :
SLCS399

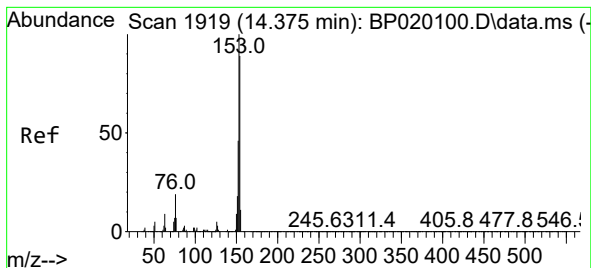
Tgt Ion:152 Resp: 917653
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 12.8 10.3 15.5



#51
3-Nitroaniline
Concen: 36.251 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:138 Resp: 147269
Ion Ratio Lower Upper
138 100
108 13.6 9.8 14.6
92 140.3 105.1 157.7





#52

Acenaphthene

Concen: 34.367 ng/ul

RT: 14.387 min Scan# 1921

Delta R.T. 0.012 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

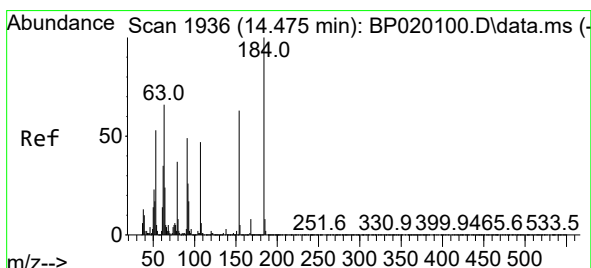
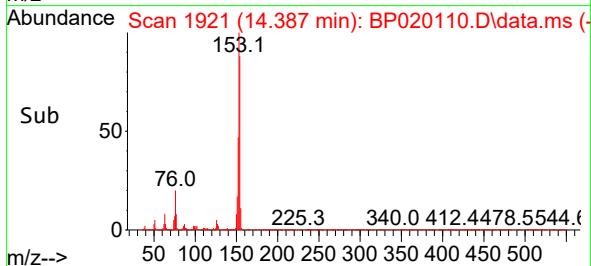
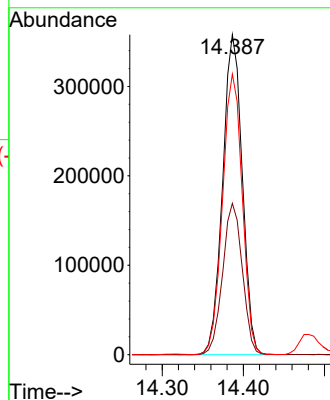
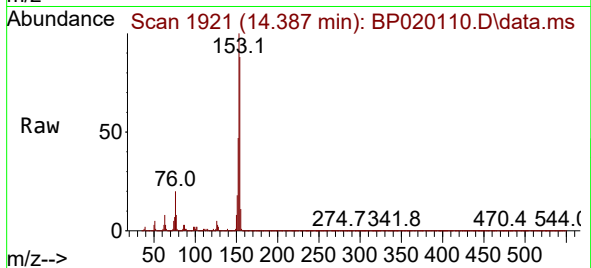
Tgt Ion:153 Resp: 601186

Ion Ratio Lower Upper

153 100

152 47.3 36.9 55.3

154 87.7 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 34.452 ng/ul

RT: 14.481 min Scan# 1937

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

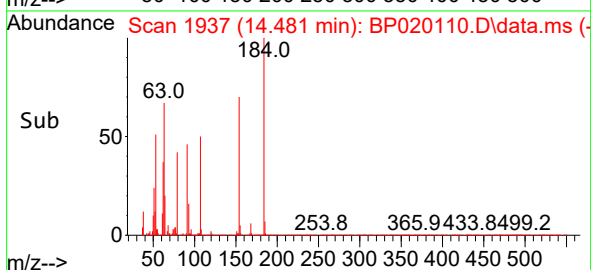
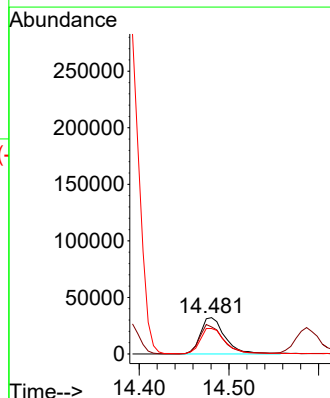
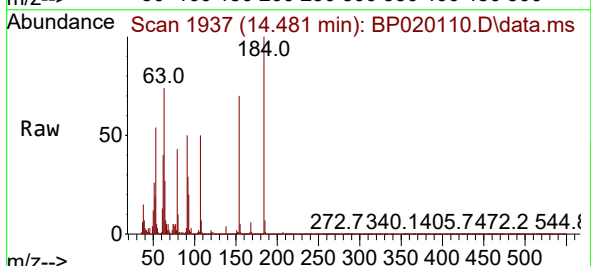
Tgt Ion:184 Resp: 60284

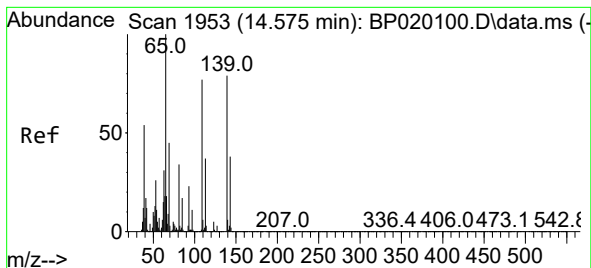
Ion Ratio Lower Upper

184 100

63 74.4 53.3 79.9

154 70.1 51.8 77.6

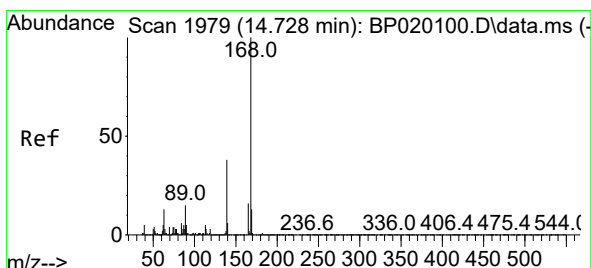
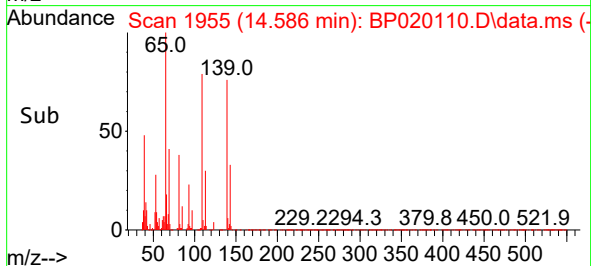
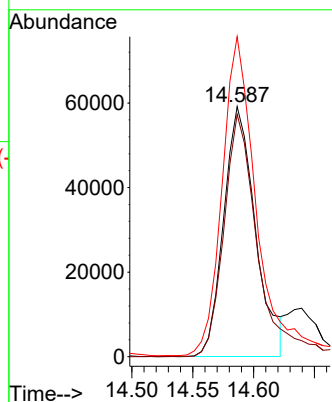
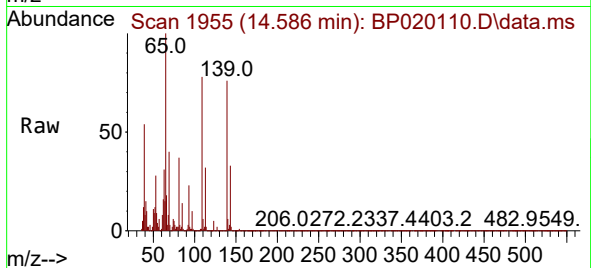




#55
4-Nitrophenol
Concen: 34.096 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

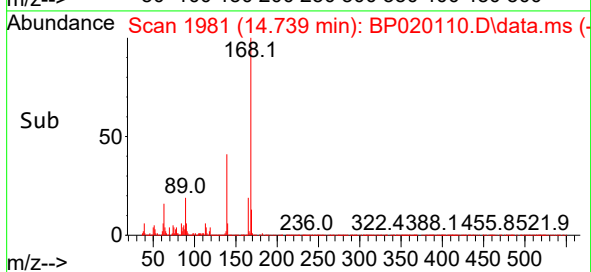
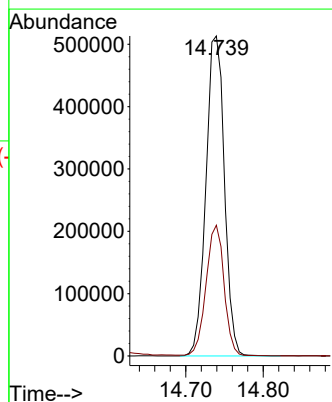
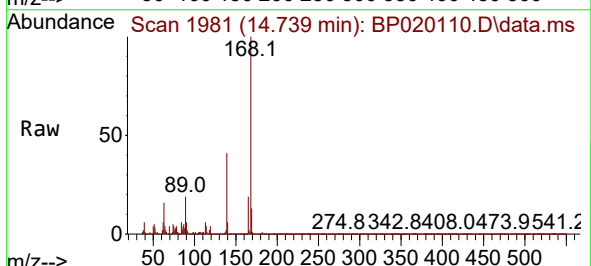
Instrument :
BNA_P
ClientSampleId :
SLCS399

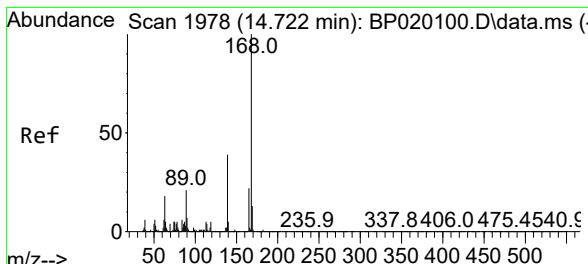
Tgt Ion:109 Resp: 107614
Ion Ratio Lower Upper
109 100
139 96.9 81.4 122.2
65 128.0 104.3 156.5



#56
Dibenzofuran
Concen: 35.100 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:168 Resp: 849793
Ion Ratio Lower Upper
168 100
139 40.9 30.6 46.0



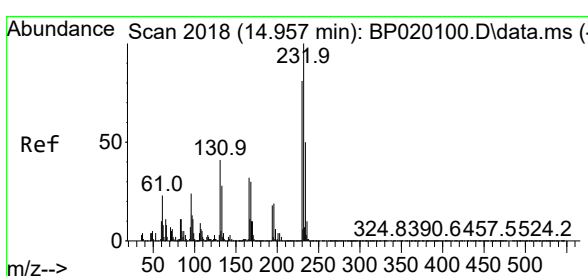
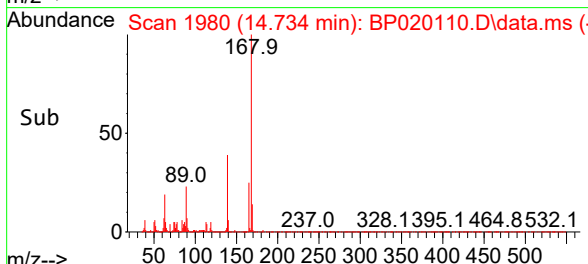
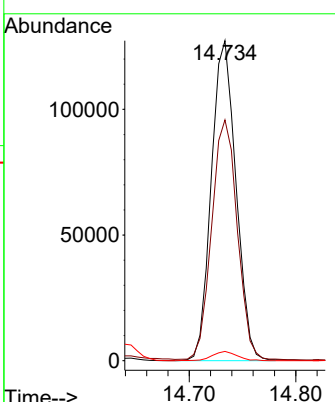
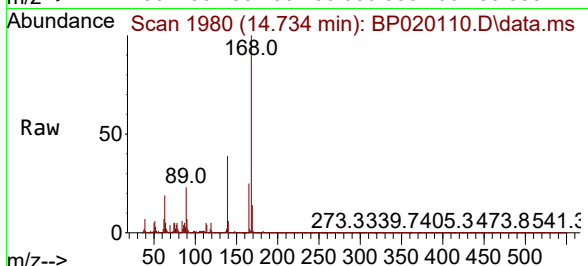


#57
 2,4-Dinitrotoluene
 Concen: 35.027 ng/ul
 RT: 14.734 min Scan# 1978
 Delta R.T. 0.012 min
 Lab File: BP020110.D
 Acq: 23 Apr 2024 20:31

Instrument :
 BNA_P
 ClientSampleId :
 SLCS399

Tgt Ion:165 Resp: 204526

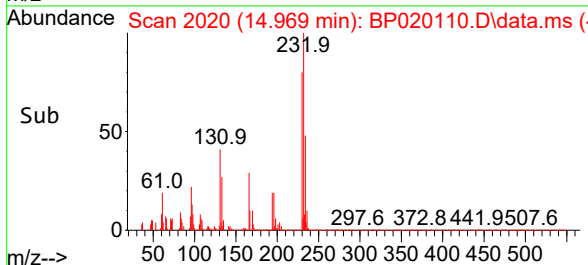
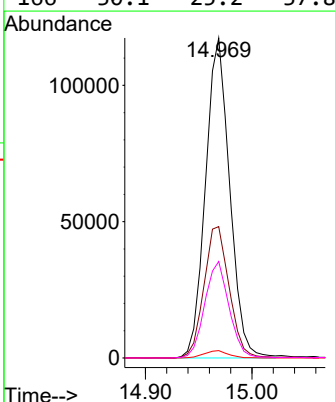
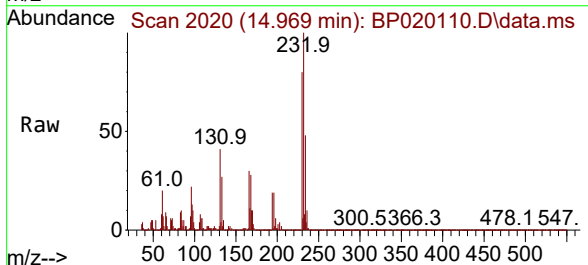
Ion	Ratio	Lower	Upper
165	100		
63	75.2	63.2	94.8
182	2.9	2.2	3.2

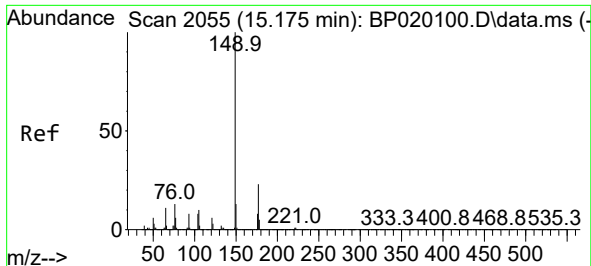


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.880 ng/ul
 RT: 14.969 min Scan# 2020
 Delta R.T. 0.012 min
 Lab File: BP020110.D
 Acq: 23 Apr 2024 20:31

Tgt Ion:232 Resp: 184907

Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.2	49.8
130	2.3	2.2	3.2
166	30.1	25.2	37.8

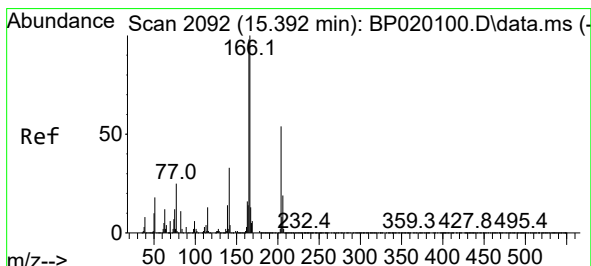
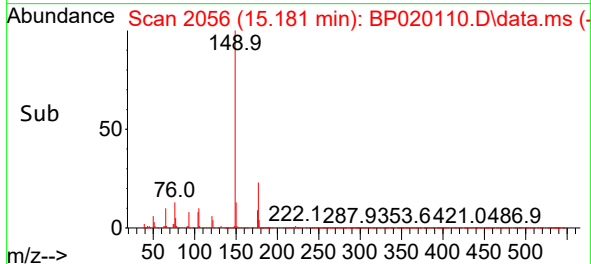
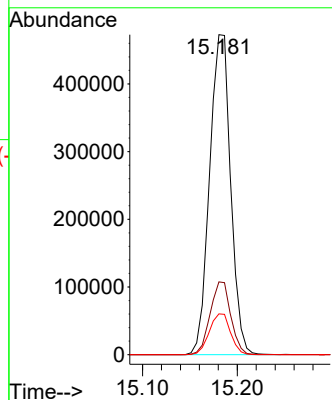
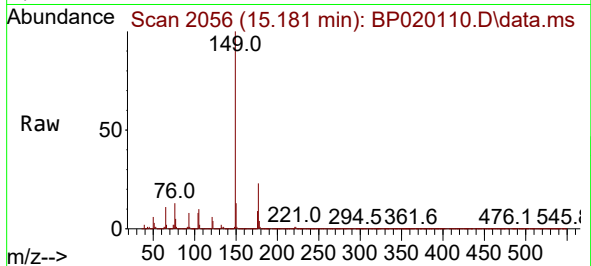




#59
Diethylphthalate
Concen: 36.061 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

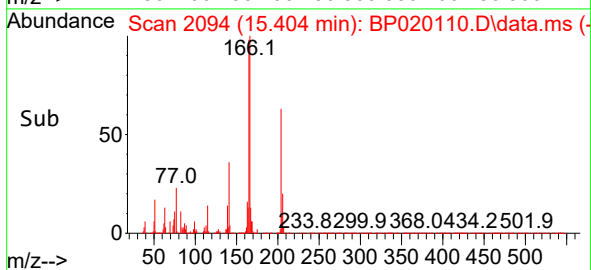
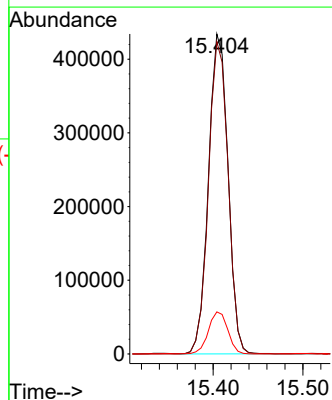
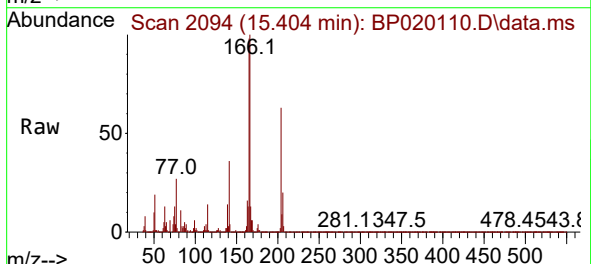
Instrument :
BNA_P
ClientSampleId :
SLCS399

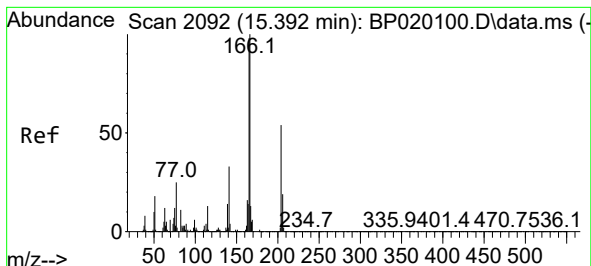
Tgt Ion:149 Resp: 730530
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.8 10.0 15.0



#61
Fluorene
Concen: 33.012 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:166 Resp: 656975
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.2 10.4 15.6

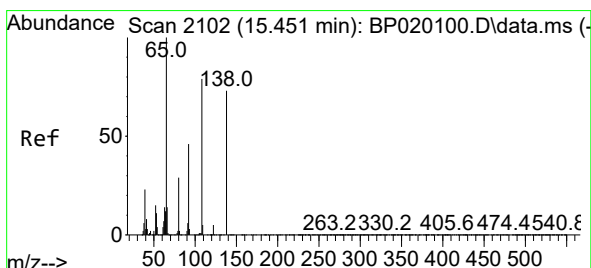
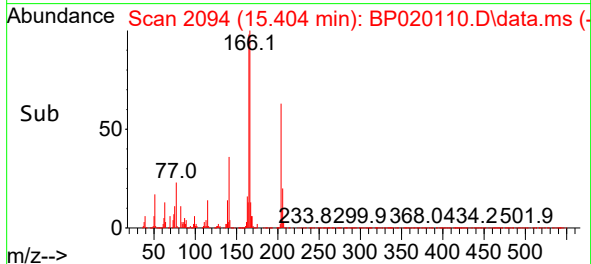
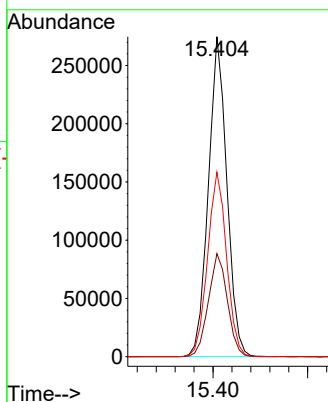
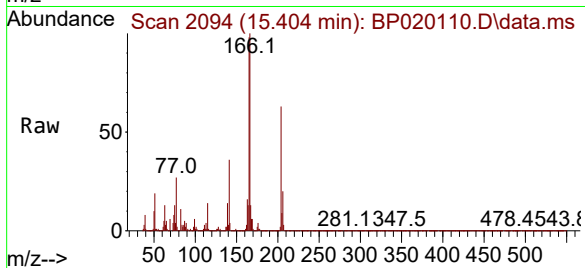




#62
4-Chlorophenyl-phenylether
Concen: 34.377 ng/ul
RT: 15.404 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

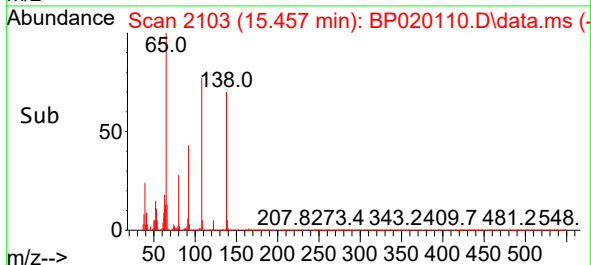
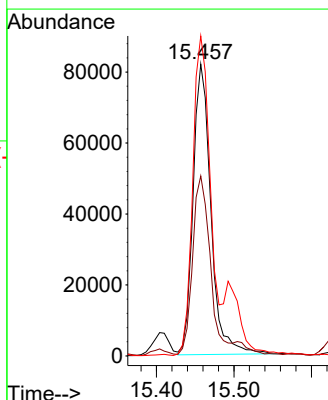
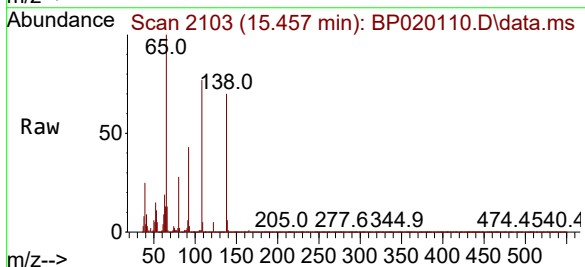
Instrument :
BNA_P
ClientSampleId :
SLCS399

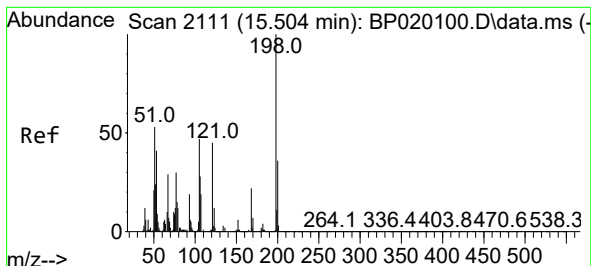
Tgt Ion:204 Resp: 371773
Ion Ratio Lower Upper
204 100
206 32.2 27.4 41.2
141 57.6 48.8 73.2



#63
4-Nitroaniline
Concen: 33.689 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:138 Resp: 130444
Ion Ratio Lower Upper
138 100
92 61.7 49.8 74.8
108 109.6 85.4 128.0

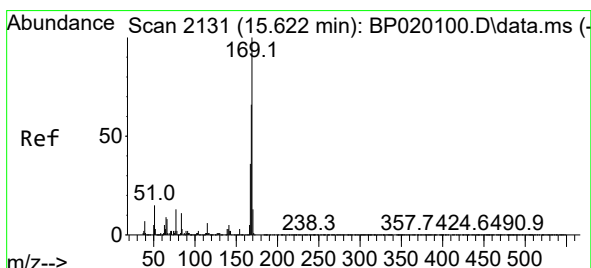
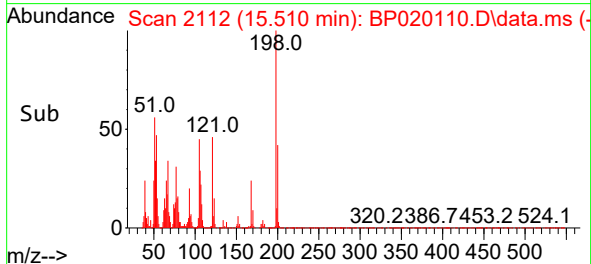
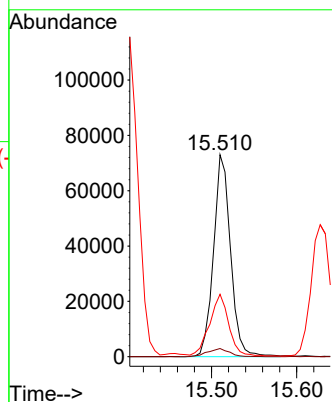
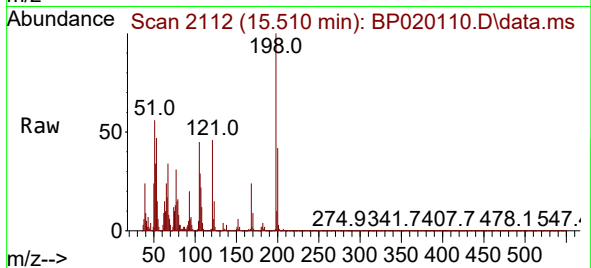




#66
4,6-Dinitro-2-methylphenol
Concen: 39.666 ng/ul
RT: 15.510 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

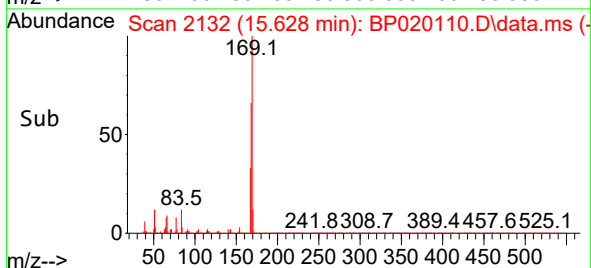
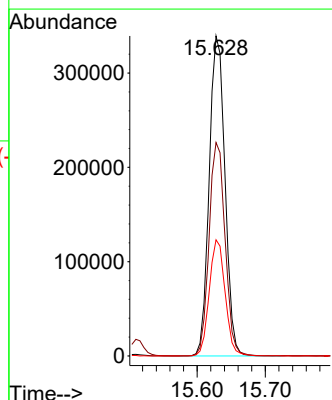
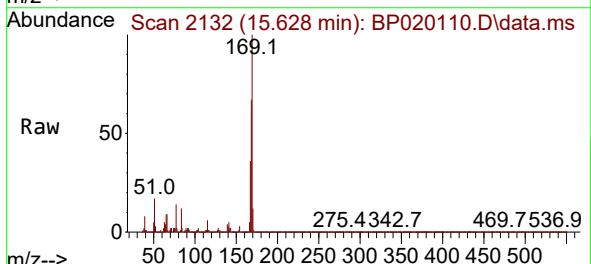
Instrument :
BNA_P
ClientSampleId :
SLCS399

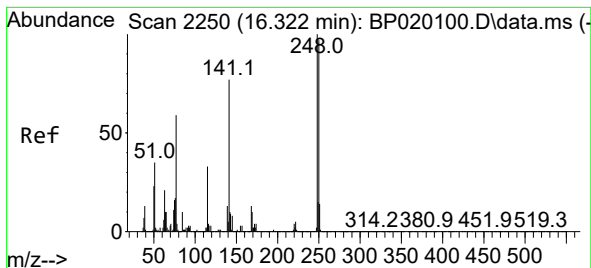
Tgt Ion:198 Resp: 101439
Ion Ratio Lower Upper
198 100
182 4.1 3.0 4.6
77 30.9 24.9 37.3



#67
N-Nitrosodiphenylamine
Concen: 40.827 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:169 Resp: 547873
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.3 28.9 43.3

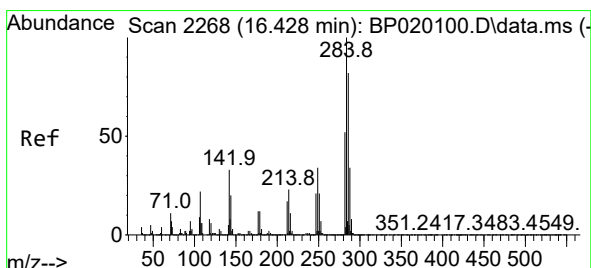
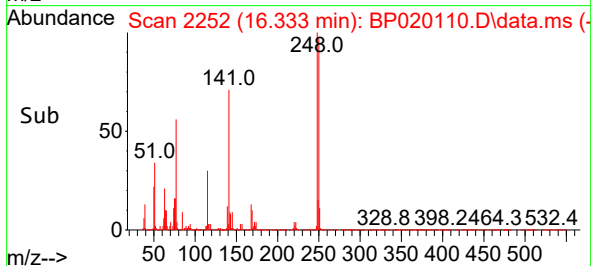
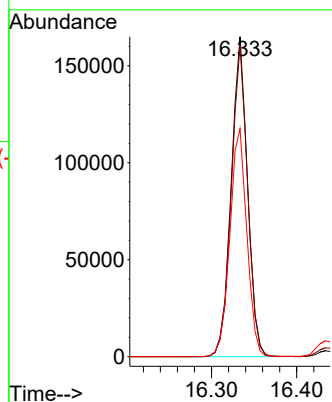
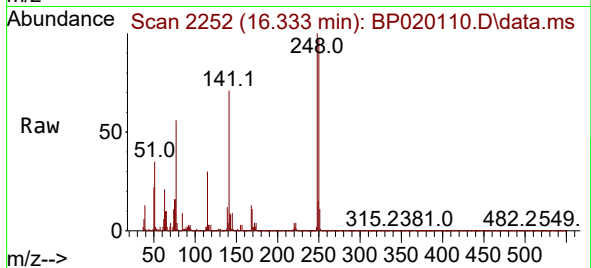




#68
4-Bromophenyl-phenylether
Concen: 39.603 ng/ul
RT: 16.333 min Scan# 2197
Delta R.T. 0.012 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

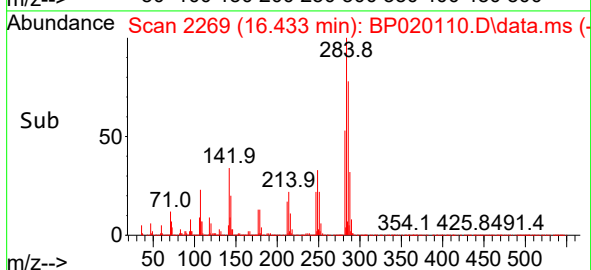
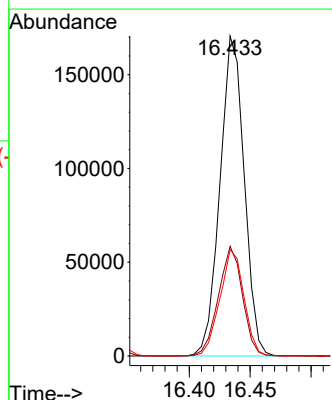
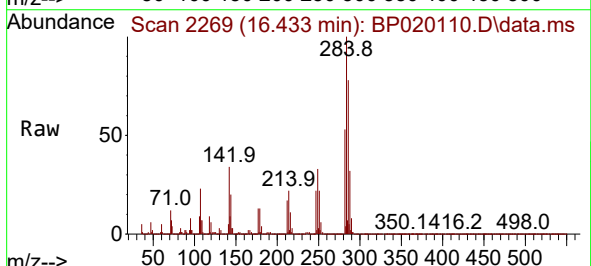
Instrument :
BNA_P
ClientSampleId :
SLCS399

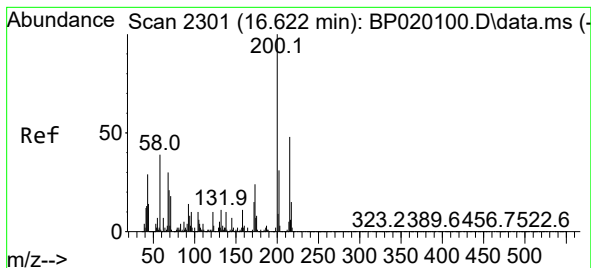
Tgt Ion:248 Resp: 219785
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 71.3 61.4 92.0



#69
Hexachlorobenzene
Concen: 37.636 ng/ul
RT: 16.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:284 Resp: 236503
Ion Ratio Lower Upper
284 100
142 34.3 26.2 39.2
249 33.2 27.0 40.4





#70

Atrazine

Concen: 34.487 ng/ul

RT: 16.633 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

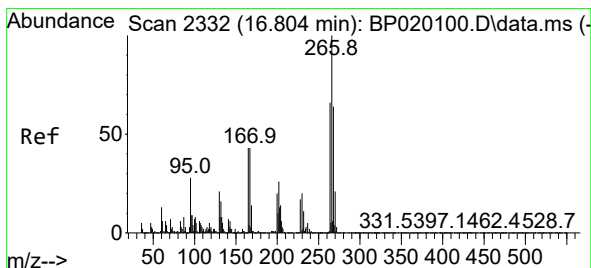
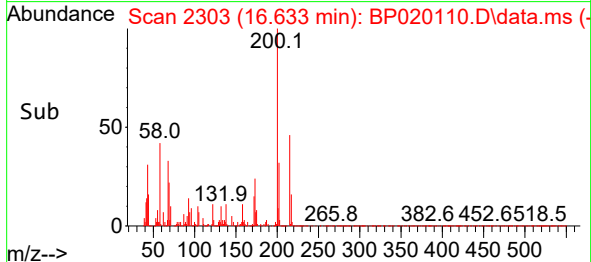
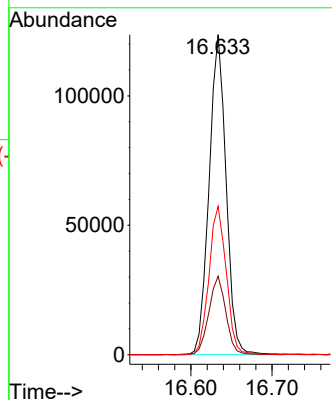
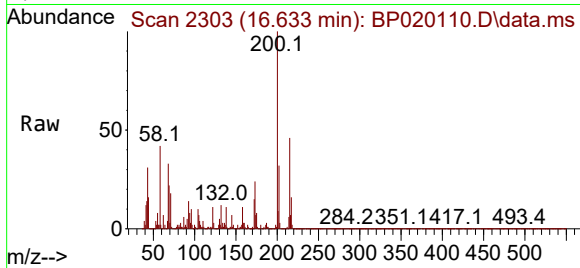
Tgt Ion:200 Resp: 179371

Ion Ratio Lower Upper

200 100

173 24.5 19.1 28.7

215 46.4 38.1 57.1



#71

Pentachlorophenol

Concen: 37.748 ng/ul

RT: 16.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

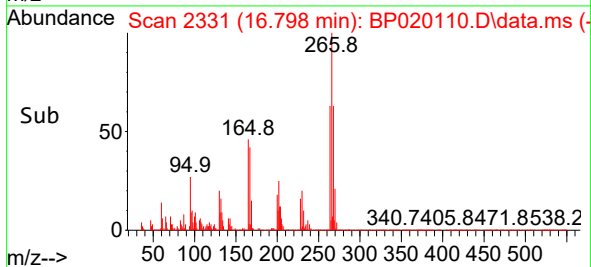
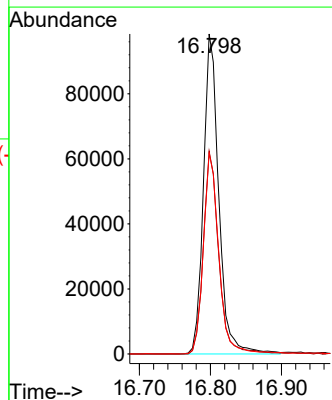
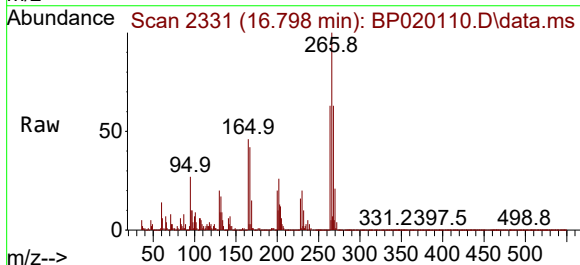
Tgt Ion:266 Resp: 148164

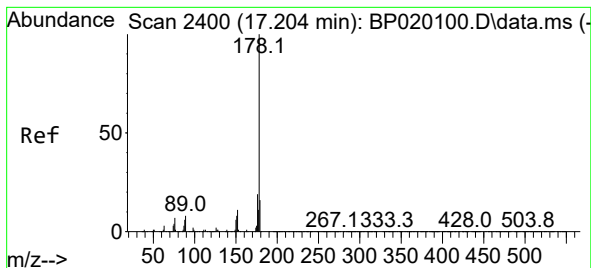
Ion Ratio Lower Upper

266 100

264 63.3 52.8 79.2

268 62.8 51.6 77.4





#72

Phenanthrene

Concen: 36.876 ng/ul

RT: 17.204 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

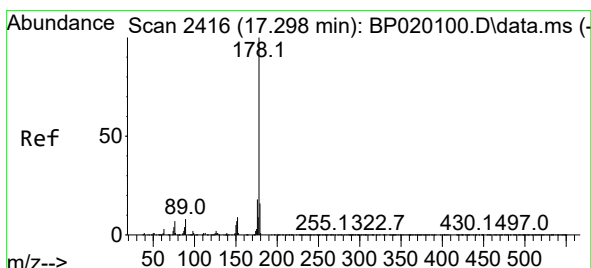
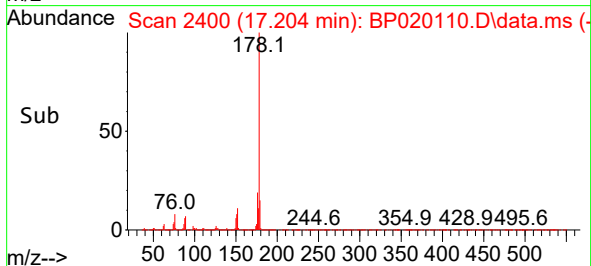
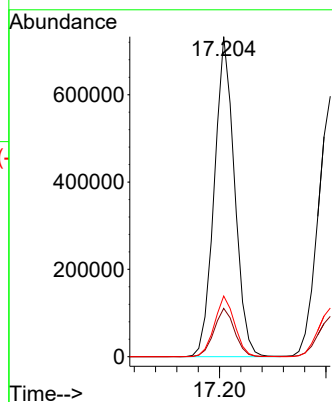
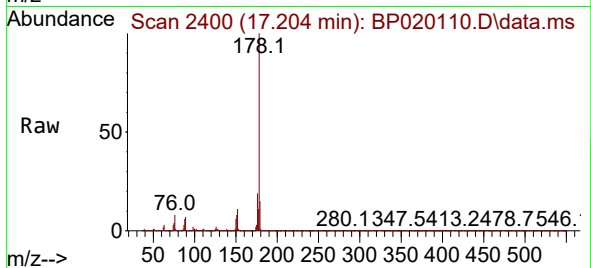
Tgt Ion:178 Resp: 962733

Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

176 18.9 15.0 22.4



#74

Anthracene

Concen: 36.059 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

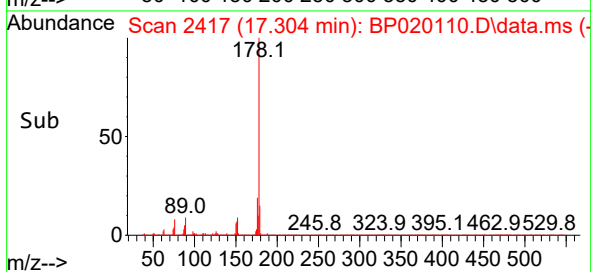
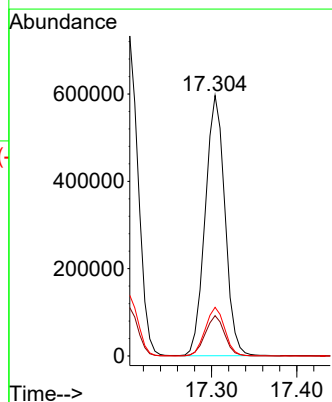
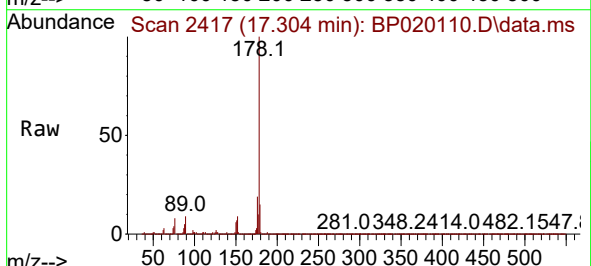
Tgt Ion:178 Resp: 956246

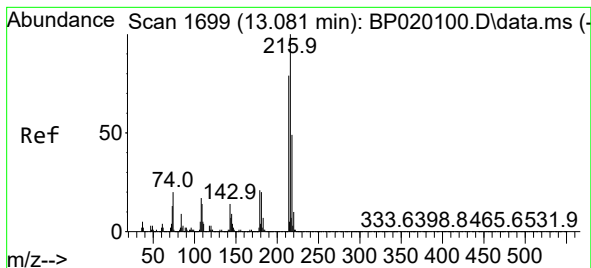
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.7 14.6 21.8

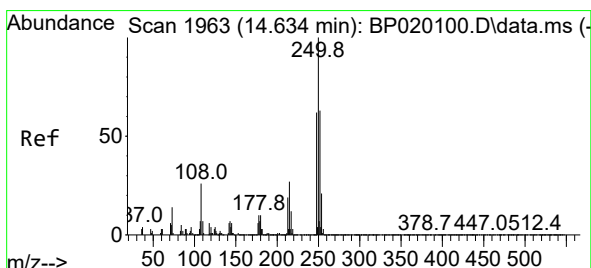
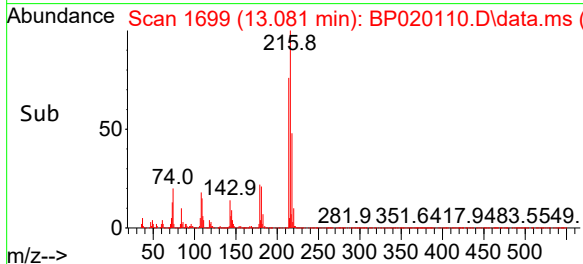
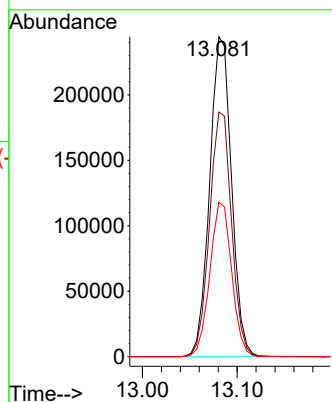
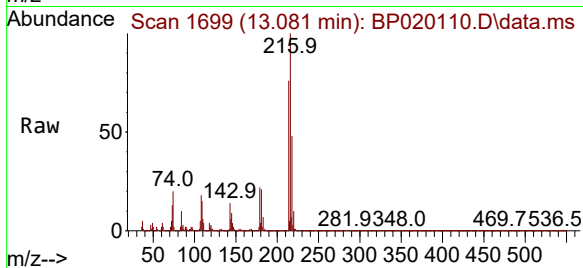




#75
1,2,3,4-Tetrachlorobenzene
Concen: 47.531 ng/uL
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

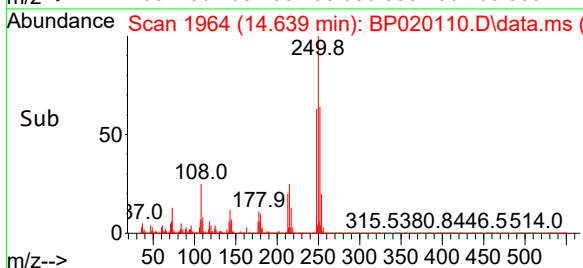
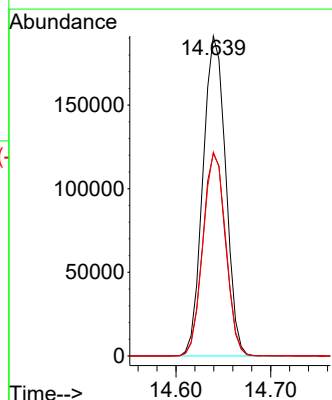
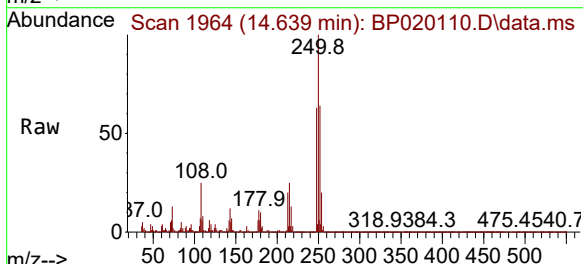
Instrument :
BNA_P
ClientSampleId :
SLCS399

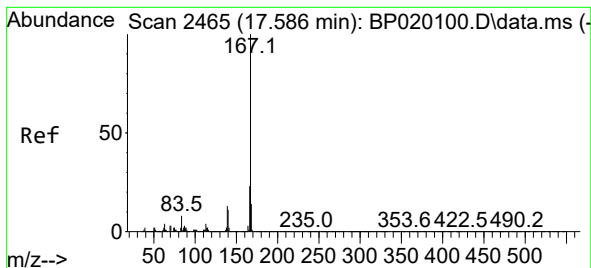
Tgt Ion:216 Resp: 391351
Ion Ratio Lower Upper
216 100
214 76.5 63.0 94.6
218 48.3 38.8 58.2



#76
Pentachlorobenzene
Concen: 41.873 ng/uL
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:250 Resp: 319208
Ion Ratio Lower Upper
250 100
248 63.2 49.5 74.3
252 63.7 50.5 75.7





#77

Carbazole

Concen: 37.028 ng/ul

RT: 17.604 min Scan# 2465

Delta R.T. 0.018 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

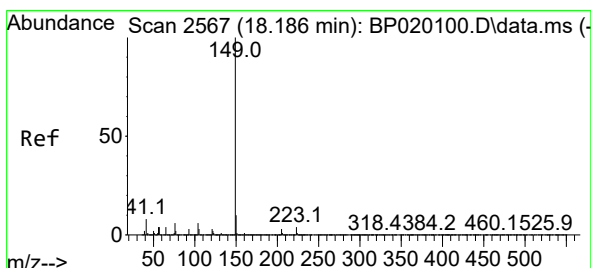
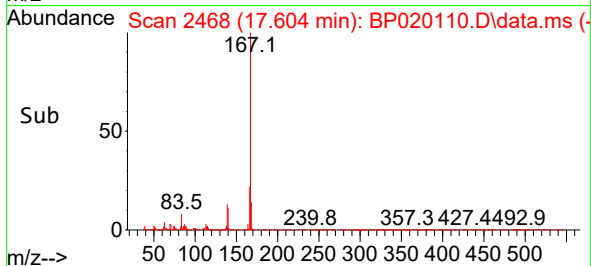
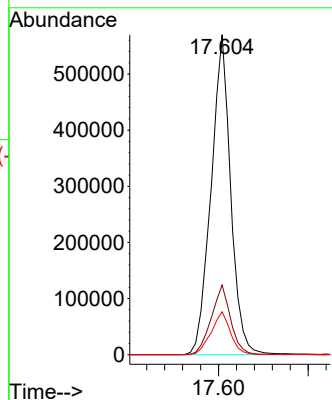
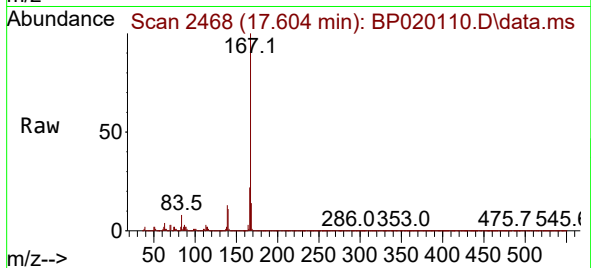
Tgt Ion:167 Resp: 864629

Ion Ratio Lower Upper

167 100

166 21.7 18.0 27.0

139 13.4 10.6 16.0



#78

Di-n-butylphthalate

Concen: 37.376 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

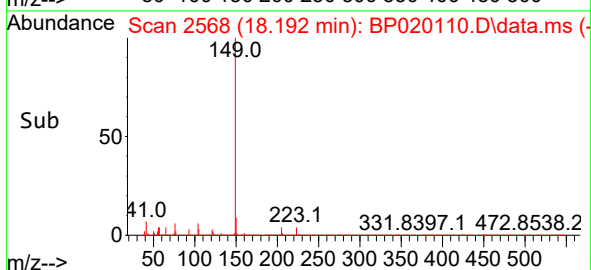
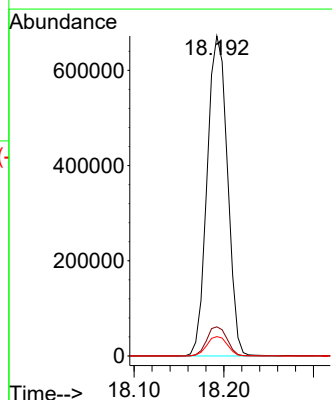
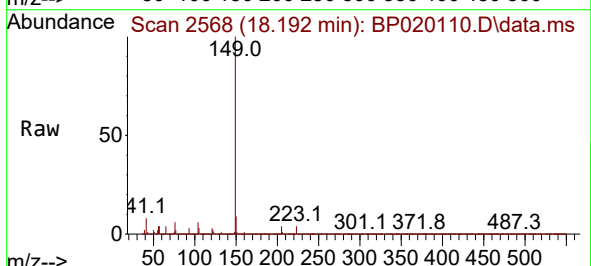
Tgt Ion:149 Resp: 1055390

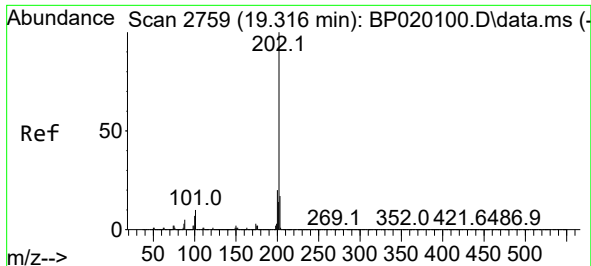
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 6.1 4.9 7.3

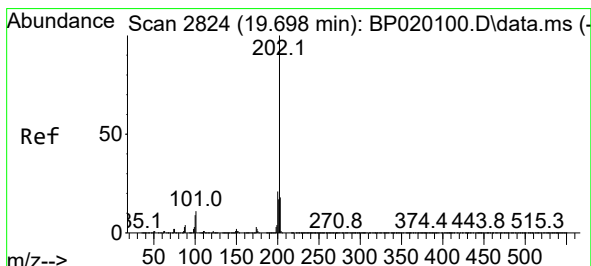
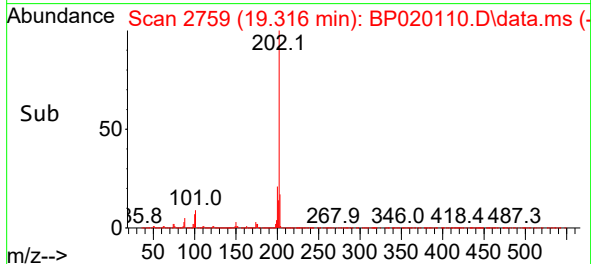
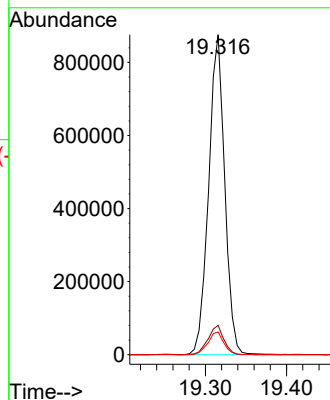
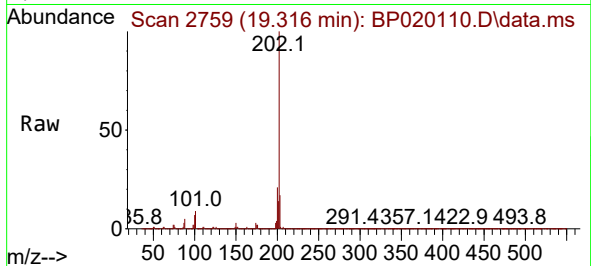




#80
Fluoranthene
Concen: 36.862 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

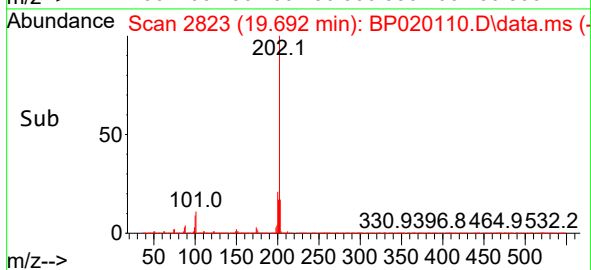
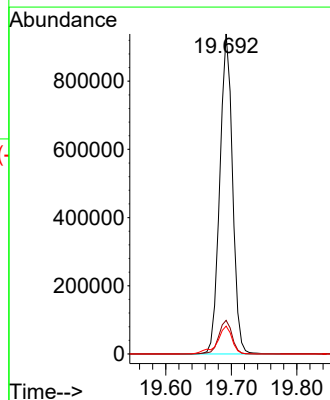
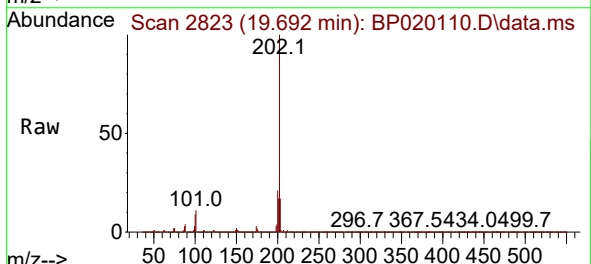
Instrument :
BNA_P
ClientSampleId :
SLCS399

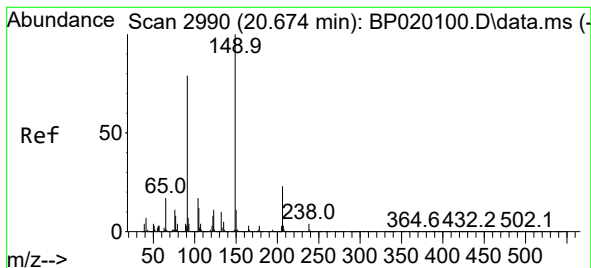
Tgt Ion:202 Resp: 1201276
Ion Ratio Lower Upper
202 100
101 9.1 7.7 11.5
100 7.1 5.9 8.9



#82
Pyrene
Concen: 37.124 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:202 Resp: 1260634
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 8.7 7.3 10.9





#83

Butylbenzylphthalate

Concen: 37.004 ng/ul

RT: 20.669 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

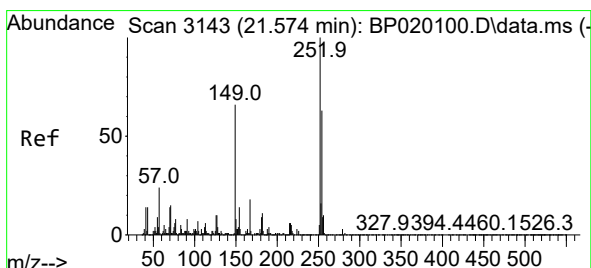
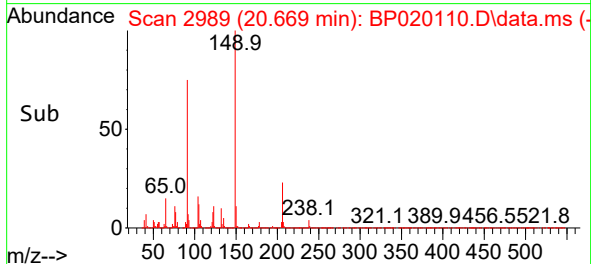
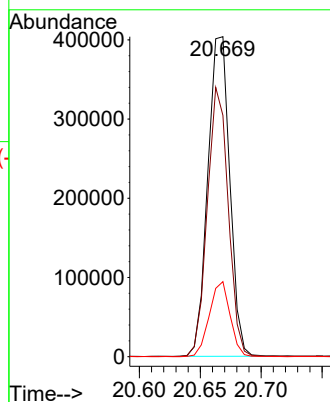
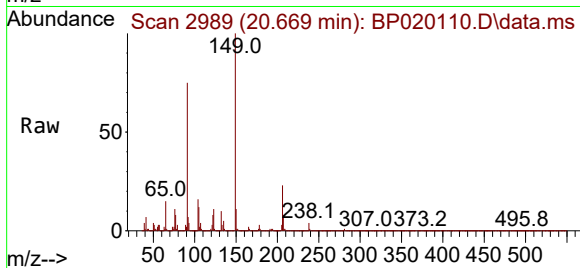
Tgt Ion:149 Resp: 505439

Ion Ratio Lower Upper

149 100

91 75.4 63.3 94.9

206 23.4 18.4 27.6



#84

3,3'-Dichlorobenzidine

Concen: 41.789 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

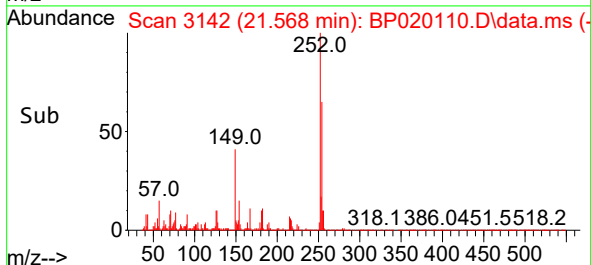
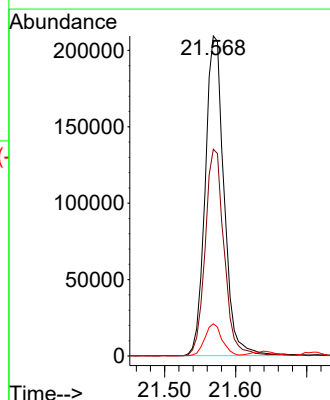
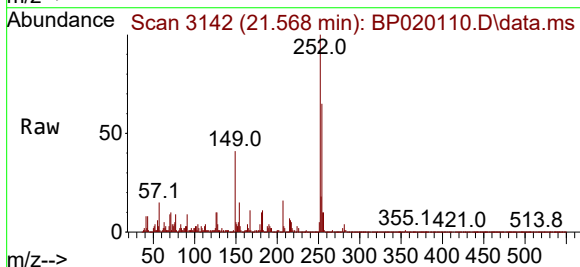
Tgt Ion:252 Resp: 386193

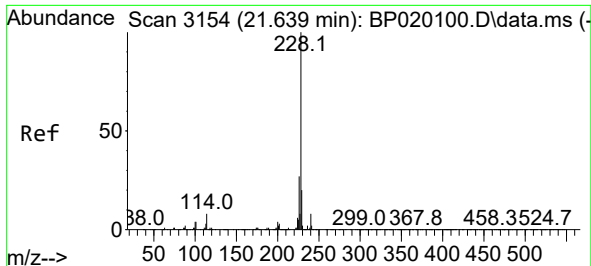
Ion Ratio Lower Upper

252 100

254 64.6 50.6 75.8

126 10.1 7.8 11.6

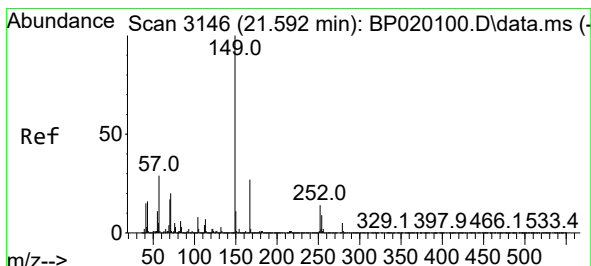
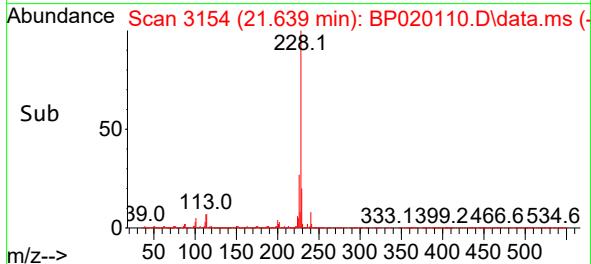
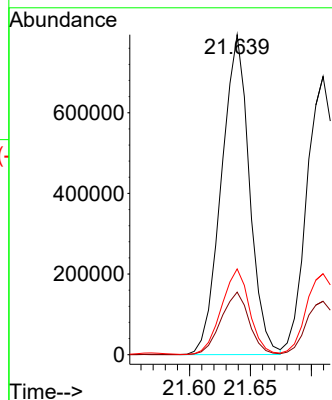
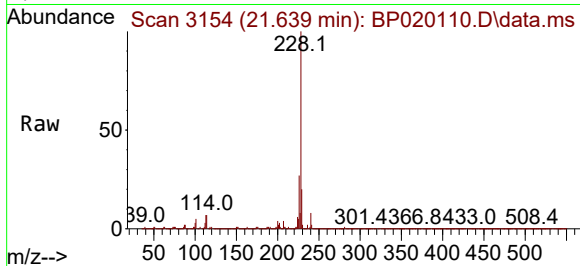




#85
Benzo(a)anthracene
Concen: 37.227 ng/ul
RT: 21.639 min Scan# 3154
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

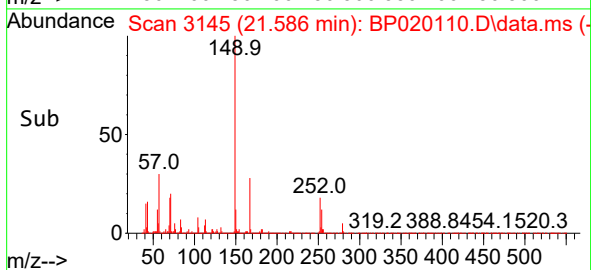
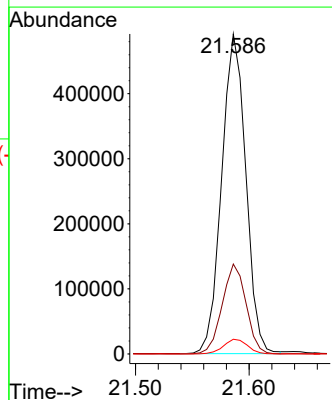
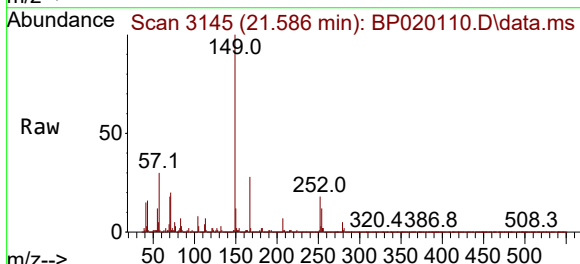
Instrument :
BNA_P
ClientSampleId :
SLCS399

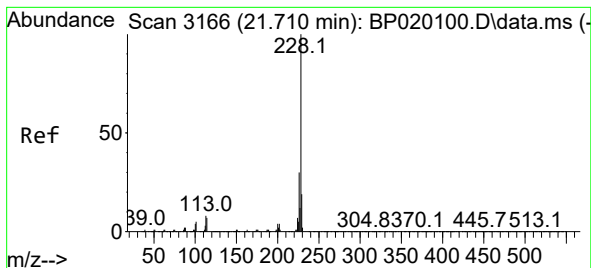
Tgt Ion:228 Resp: 1269717
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 26.8 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 36.090 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:149 Resp: 724775
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.6 3.8 5.8





#87

Chrysene

Concen: 38.187 ng/ul

RT: 21.710 min Scan# 3166

Delta R.T. -0.000 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

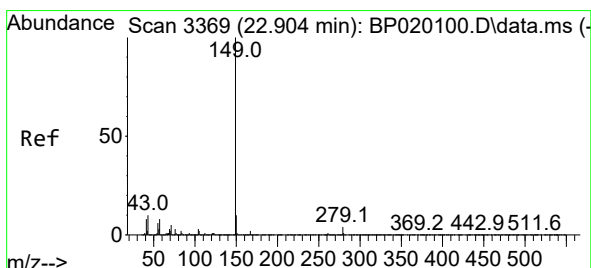
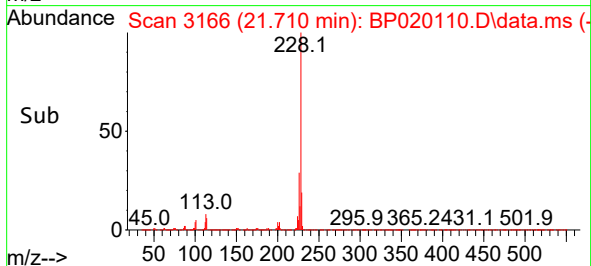
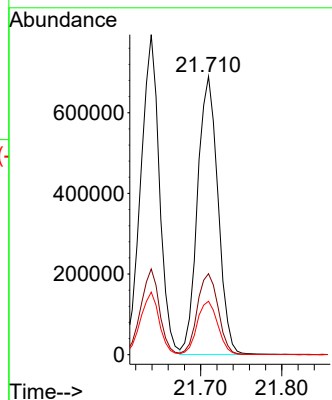
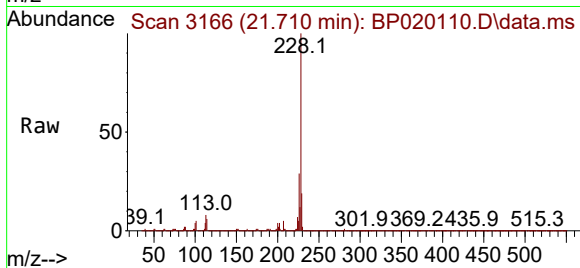
Tgt Ion:228 Resp: 1204858

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 37.265 ng/ul

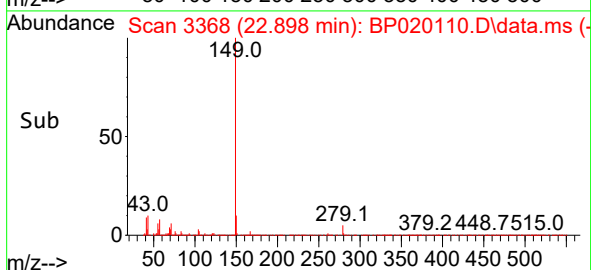
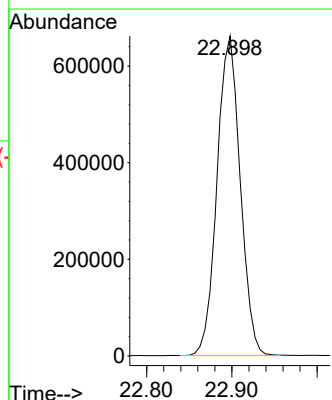
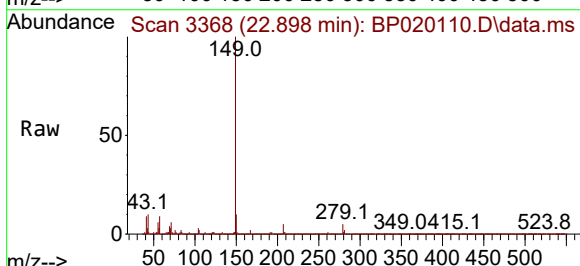
RT: 22.898 min Scan# 3368

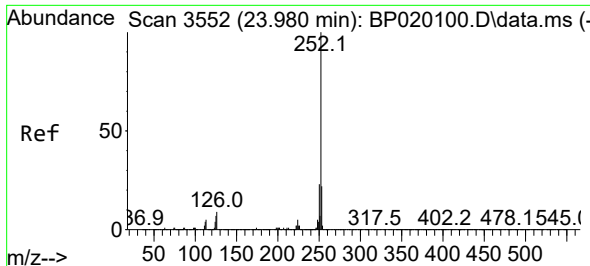
Delta R.T. -0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Tgt Ion:149 Resp: 1251362

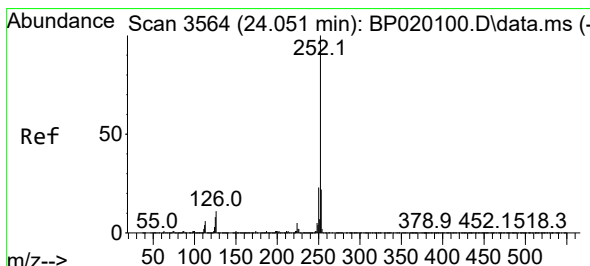
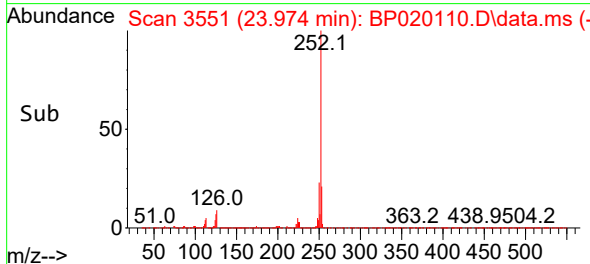
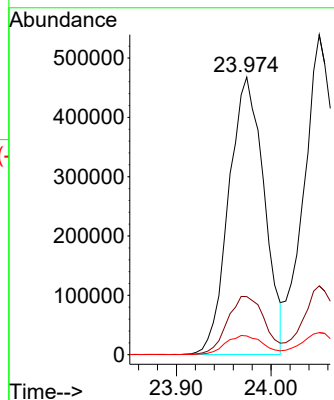
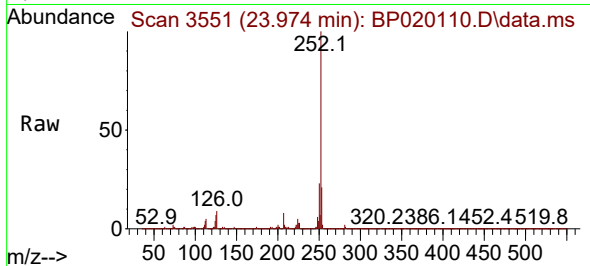




#90
Benzo(b)fluoranthene
Concen: 37.409 ng/ul
RT: 23.974 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

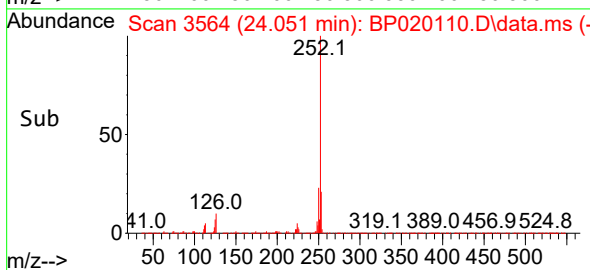
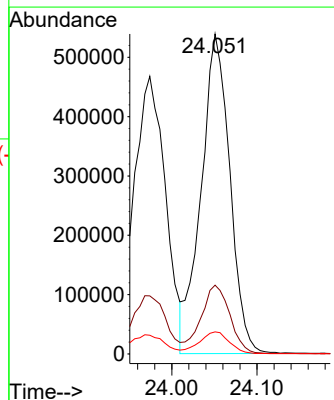
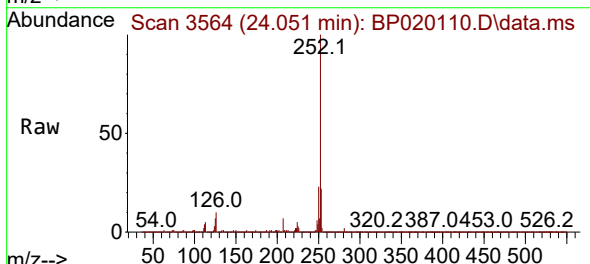
Instrument :
BNA_P
ClientSampleId :
SLCS399

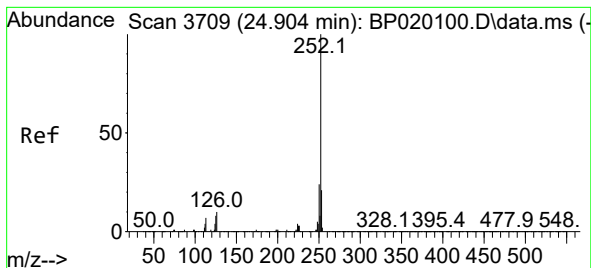
Tgt Ion:252 Resp: 1212859
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 6.7 5.7 8.5



#91
Benzo(k)fluoranthene
Concen: 39.669 ng/ul
RT: 24.051 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BP020110.D
Acq: 23 Apr 2024 20:31

Tgt Ion:252 Resp: 1259668
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 6.9 6.2 9.4





#93

Benzo(a)pyrene

Concen: 34.241 ng/ul

RT: 24.892 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

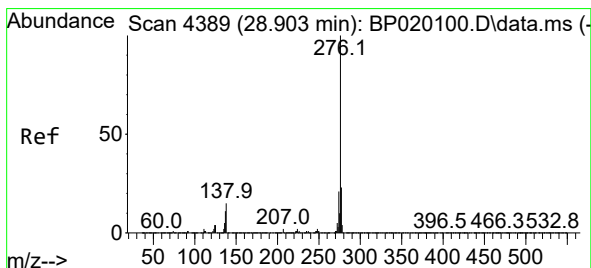
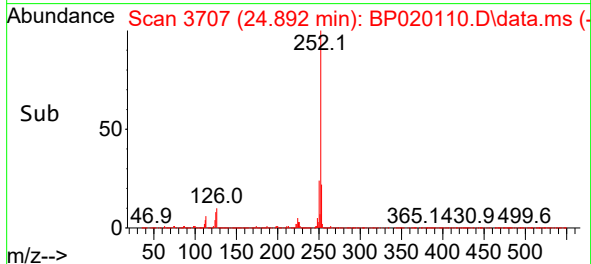
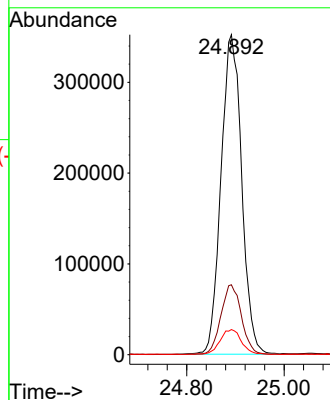
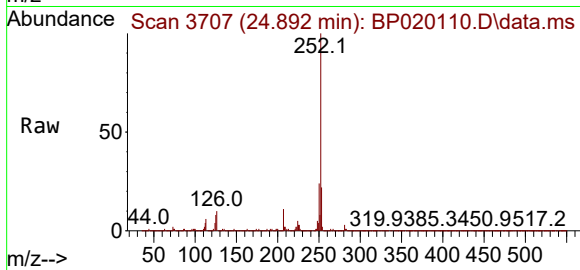
Tgt Ion:252 Resp: 1037707

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 7.8 6.5 9.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.120 ng/ul

RT: 28.939 min Scan# 4395

Delta R.T. 0.035 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

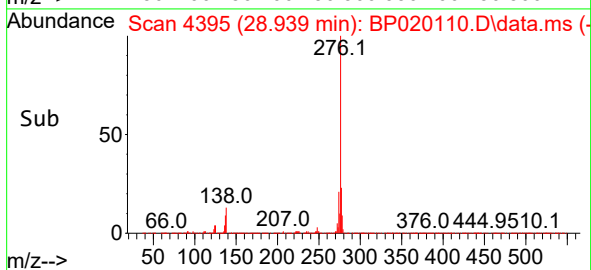
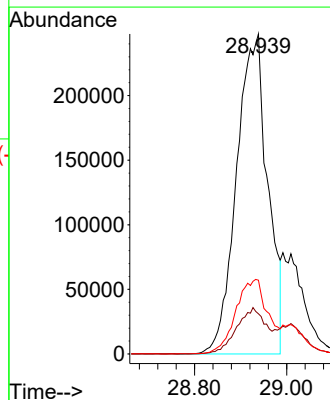
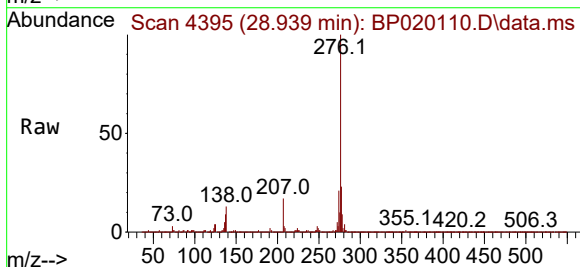
Tgt Ion:276 Resp: 1163327

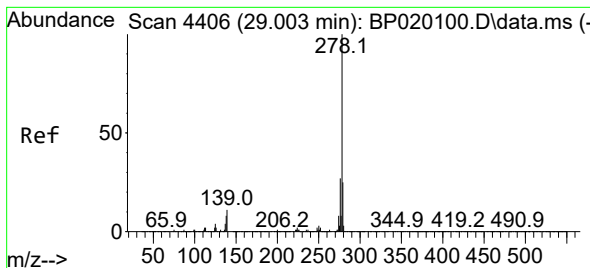
Ion Ratio Lower Upper

276 100

138 12.5 11.7 17.5

277 23.1 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 38.813 ng/ul

RT: 29.009 min Scan# 4406

Delta R.T. 0.006 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Instrument :

BNA_P

ClientSampleId :

SLCS399

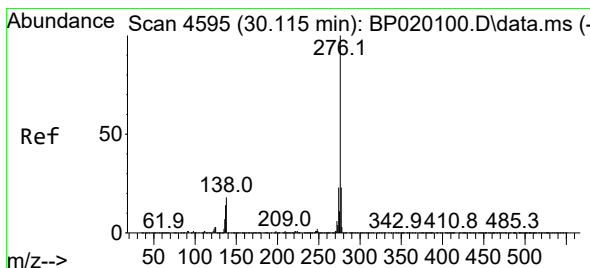
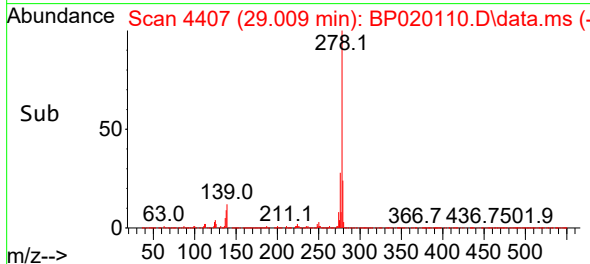
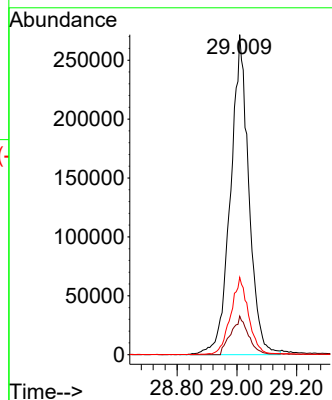
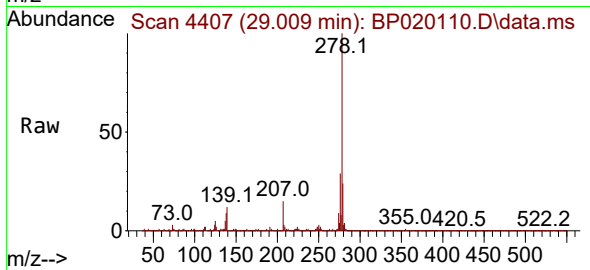
Tgt Ion:278 Resp: 1156294

Ion Ratio Lower Upper

278 100

139 12.1 8.8 13.2

279 24.2 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 11.624 ng/ul

RT: 30.086 min Scan# 4590

Delta R.T. -0.029 min

Lab File: BP020110.D

Acq: 23 Apr 2024 20:31

Tgt Ion:276 Resp: 333652

Ion Ratio Lower Upper

276 100

138 15.4 14.2 21.4

277 23.9 18.7 28.1

