

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015223.D
 Acq On : 22 May 2023 19:31
 Operator : CG/JU
 Sample : PB152888BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS888

Quant Time: May 23 00:45:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	265912	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1168604	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	726463	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.515	188	1533966	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1025063	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1113090	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38527	5.629	ng/uL	0.00
4) Pyridine-d5	3.869	84	508060	26.189	ng/u1	0.00
7) Phenol-d5	7.275	99	736162	29.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.445	67	439874	30.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.645	132	590023	32.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.839	113	615339	31.278	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	298532	32.510	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	338732	33.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	606353	32.887	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	774246	28.382	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1823468	33.217	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2041571	32.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	313935	29.451	ng/u1	0.00
60) Fluorene-d10	15.751	176	1494186	32.257	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	291289	30.132	ng/u1	0.00
73) Anthracene-d10	17.615	188	2191422	31.199	ng/u1	0.00
81) Pyrene-d10	19.833	212	2271633	38.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1879101	34.008	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	78755	10.709	ng/uL	97
5) Pyridine	3.887	79	486509	24.113	ng/u1	97
6) Benzaldehyde	7.251	77	356959	52.602	ng/u1	98
8) Phenol	7.298	94	757021	29.902	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.540	93	601955	29.719	ng/u1	99
12) 2-Chlorophenol	7.681	128	580046	30.209	ng/u1	98
13) 2-Methylphenol	8.569	108	578855	29.584	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	763422	30.083	ng/u1	98
16) Acetophenone	8.957	105	912798	29.728	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.945	70	470542	29.220	ng/u1	97
18) 4-Methylphenol	8.904	108	639702	29.703	ng/u1	99
19) Hexachloroethane	9.216	117	238036	30.362	ng/u1	92
22) Nitrobenzene	9.339	77	710890	31.345	ng/u1	97
23) Isophorone	9.875	82	1374324	29.481	ng/u1	100
25) 2-Nitrophenol	10.057	139	353824	31.579	ng/u1	93
26) 2,4-Dimethylphenol	10.110	107	656525	29.363	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.351	93	847384	29.876	ng/u1	99
29) 2,4-Dichlorophenol	10.592	162	595348	31.967	ng/u1	99
30) Naphthalene	11.004	128	1896432	29.850	ng/u1	99
32) 4-Chloroaniline	11.110	127	628656	22.422	ng/u1	99
33) Hexachlorobutadiene	11.281	225	372366	33.174	ng/u1	100
34) Caprolactam	11.898	113	141023	20.085	ng/u1	96
35) 4-Chloro-3-methylphenol	12.228	107	667111	31.724	ng/u1	100
36) 2-Methylnaphthalene	12.598	142	1290395	30.144	ng/u1	99

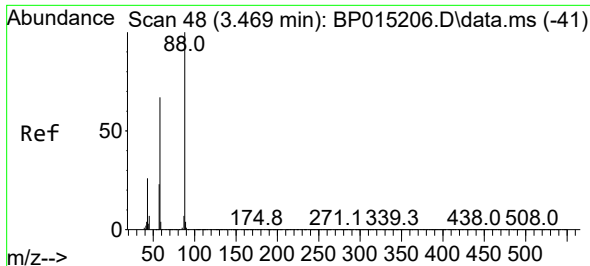
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1322484	30.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	720028	33.140	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	328082	23.306	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	478789	31.208	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	528750	31.786	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1758607	31.201	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1384030	31.443	ng/ul	99
45) 2-Nitroaniline	13.845	65	423026	33.588	ng/ul	94
47) Dimethylphthalate	14.216	163	1772927	31.011	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	383709	33.877	ng/ul	98
50) Acenaphthylene	14.486	152	2116915	30.218	ng/ul	99
51) 3-Nitroaniline	14.669	138	363574	35.648	ng/ul	99
52) Acenaphthene	14.827	153	1449518	30.296	ng/ul	99
53) 2,4-Dinitrophenol	14.874	184	195065	25.939	ng/ul	94
55) 4-Nitrophenol	14.969	109	248038	31.637	ng/ul	90
56) Dibenzofuran	15.157	168	2055218	30.883	ng/ul	98
57) 2,4-Dinitrotoluene	15.121	165	537965	32.824	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.380	232	421243	30.005	ng/ul	98
59) Diethylphthalate	15.569	149	1788631	31.368	ng/ul	100
61) Fluorene	15.810	166	1610818	30.119	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	819432	31.358	ng/ul	97
63) 4-Nitroaniline	15.833	138	353018	40.082	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.886	198	285895	28.655	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	1414418	31.359	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	532978	33.733	ng/ul	98
69) Hexachlorobenzene	16.816	284	608549	32.592	ng/ul	99
70) Atrazine	16.963	200	287670	17.255	ng/ul	99
71) Pentachlorophenol	17.157	266	319579	27.362	ng/ul	99
72) Phenanthrene	17.557	178	2547672	30.500	ng/ul	100
74) Anthracene	17.651	178	2507832	29.690	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	731544	33.635	ng/uL	99
76) Pentachlorobenzene	15.080	250	711610	32.586	ng/uL	99
77) Carbazole	17.915	167	2221326	29.991	ng/ul	100
78) Di-n-butylphthalate	18.445	149	3048569	31.961	ng/ul	100
80) Fluoranthene	19.509	202	2734805	37.741	ng/ul	97
82) Pyrene	19.862	202	2708972	36.202	ng/ul	97
83) Butylbenzylphthalate	20.715	149	1232544	37.154	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	773738	34.369	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2315314	32.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1793227	37.547	ng/ul	99
87) Chrysene	21.627	228	2168763	32.009	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2783187	36.509	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	2318816	32.861	ng/ul	100
91) Benzo(k)fluoranthene	23.409	252	2177072	32.131	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1980625	31.755	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2617574	32.412	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	2156756	32.533	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	2166872	32.904	ng/ul	98

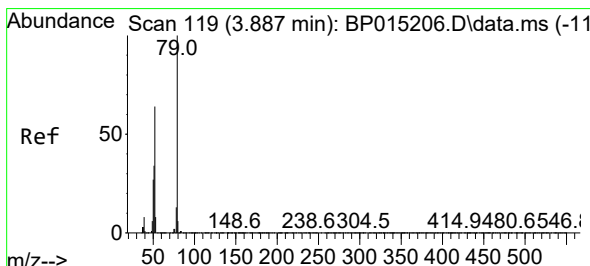
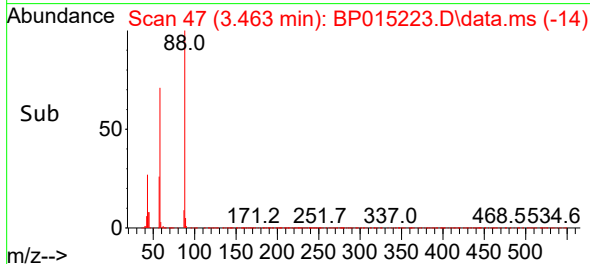
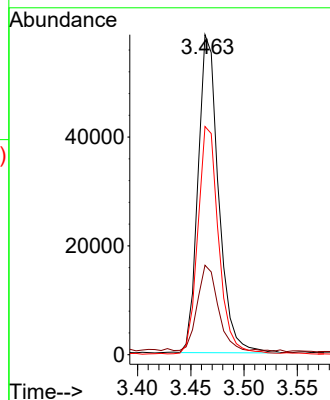
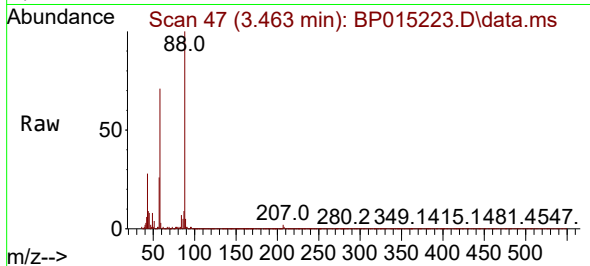
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#2
1,4-Dioxane
Concen: 10.709 ng/uL
RT: 3.463 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015223.D
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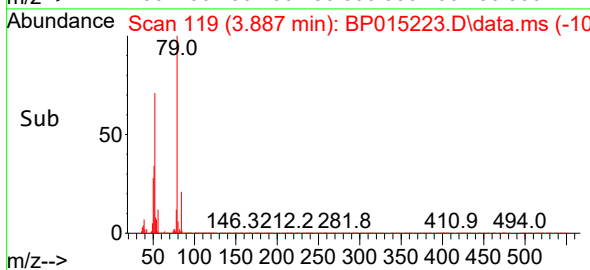
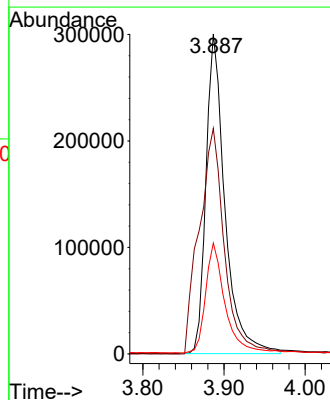
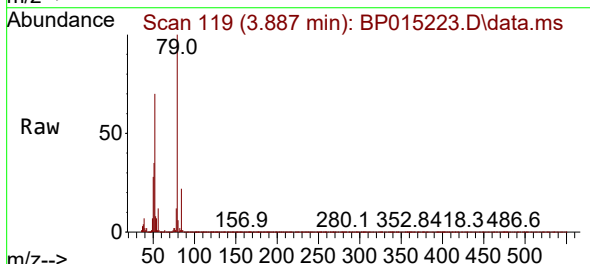
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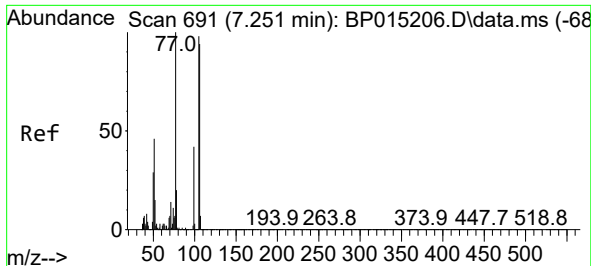
Tgt Ion: 88 Resp: 78755
Ion Ratio Lower Upper
88 100
43 28.0 20.4 30.6
58 71.3 55.4 83.2



#5
Pyridine
Concen: 24.113 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion: 79 Resp: 486509
Ion Ratio Lower Upper
79 100
52 70.5 55.4 83.2
51 34.6 25.4 38.2

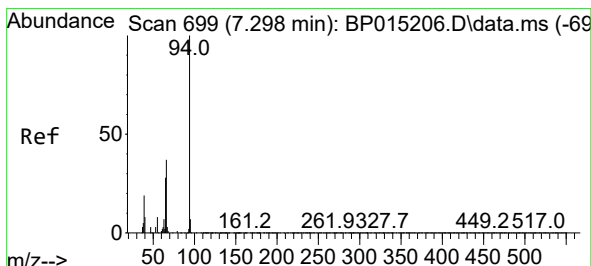
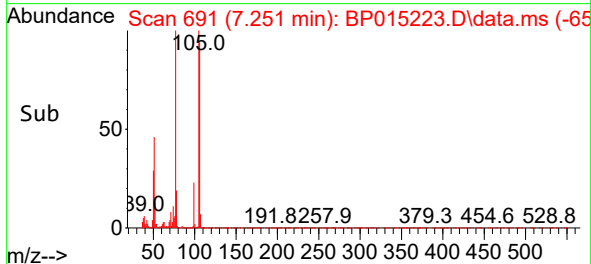
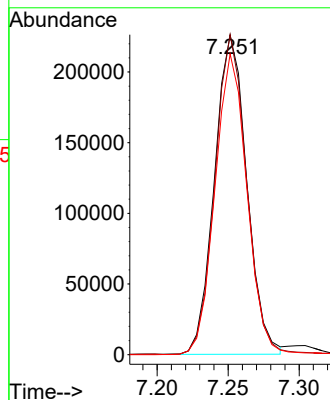
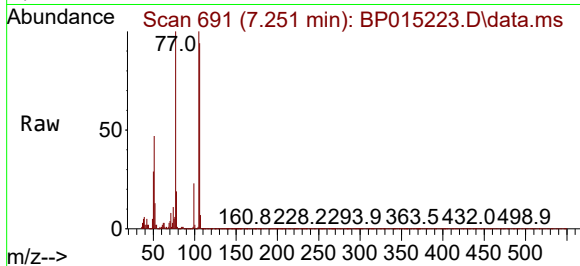




#6
Benzaldehyde
Concen: 52.602 ng/ul
RT: 7.251 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

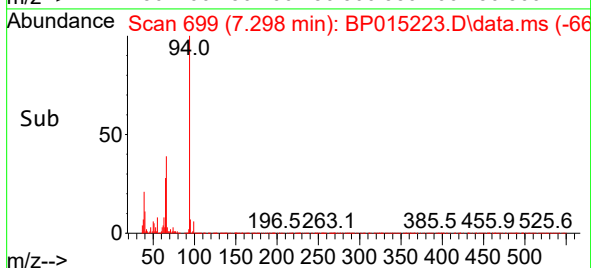
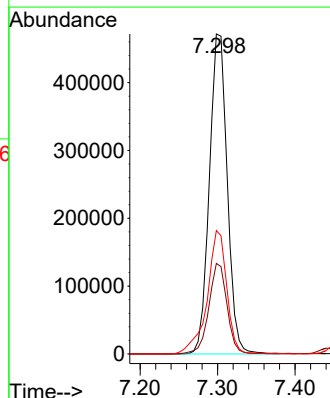
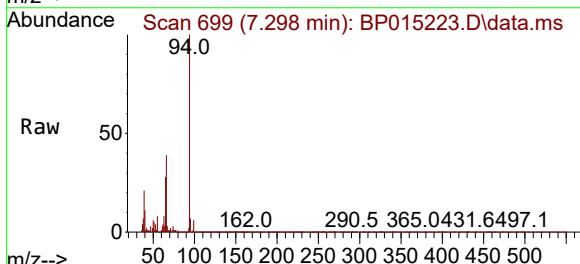
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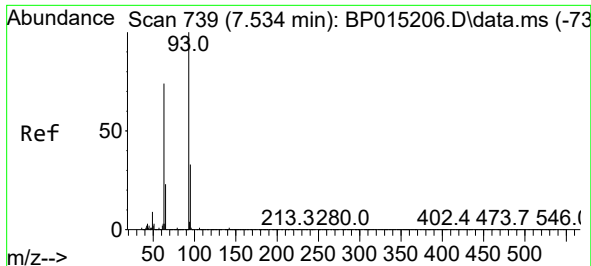
Tgt Ion: 77 Resp: 356959
Ion Ratio Lower Upper
77 100
105 100.2 76.9 115.3
106 94.2 75.0 112.6



#8
Phenol
Concen: 29.902 ng/ul
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion: 94 Resp: 757021
Ion Ratio Lower Upper
94 100
65 28.3 20.6 31.0
66 38.5 26.1 39.1

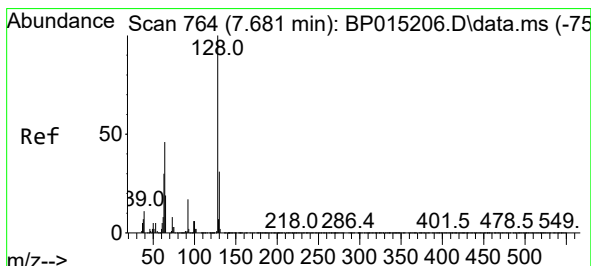
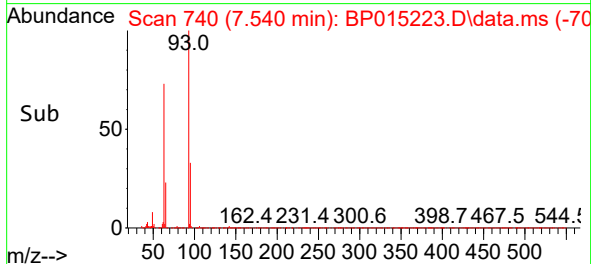
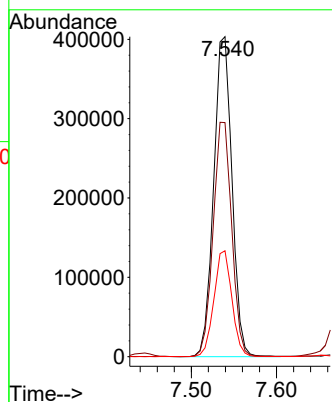
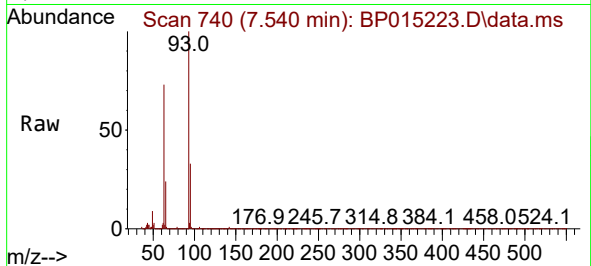




#10
Bis(2-Chloroethyl)ether
Concen: 29.719 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

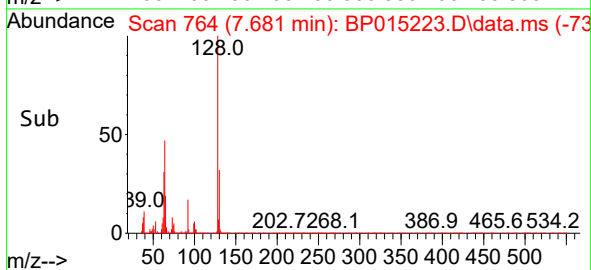
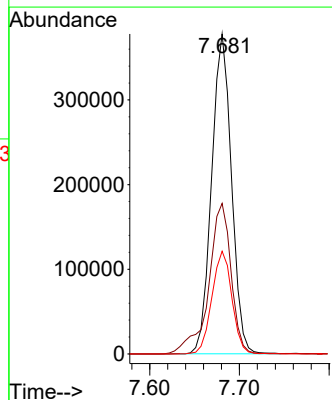
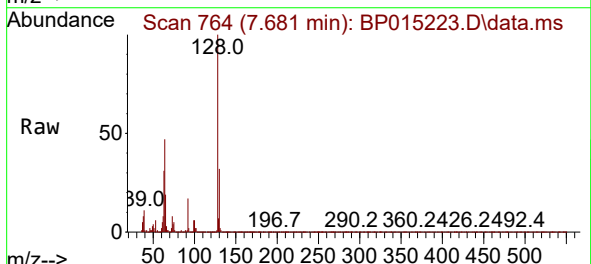
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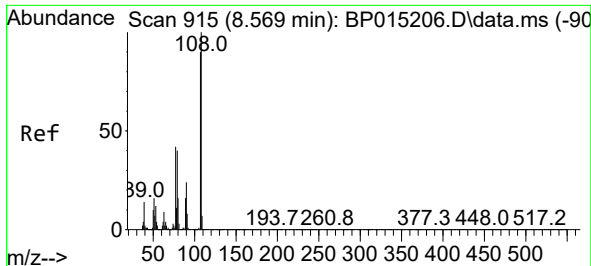
Tgt Ion: 93 Resp: 601955
Ion Ratio Lower Upper
93 100
63 73.2 58.0 87.0
95 33.1 26.4 39.6



#12
2-Chlorophenol
Concen: 30.209 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:128 Resp: 580046
Ion Ratio Lower Upper
128 100
64 47.0 36.2 54.2
130 32.1 26.3 39.5





#13

2-Methylphenol

Concen: 29.584 ng/ul

RT: 8.569 min Scan# 915

Delta R.T. -0.000 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

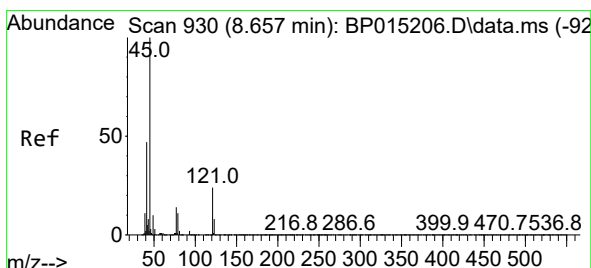
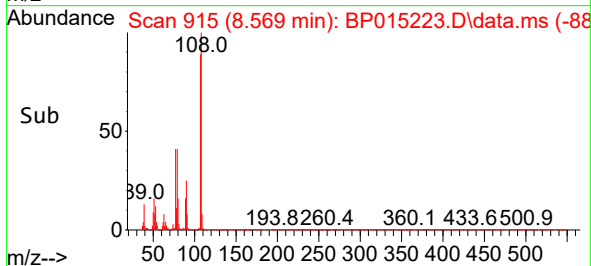
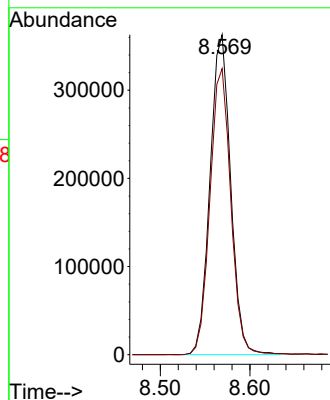
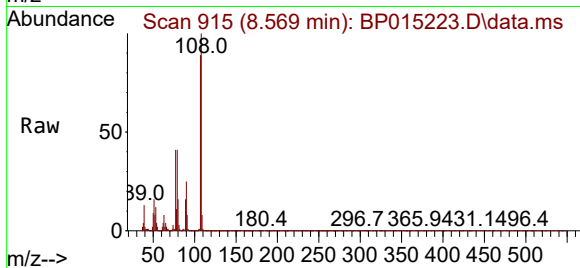
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Tgt Ion:108 Resp: 578855

Ion Ratio Lower Upper

108 100

107 89.4 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.083 ng/ul

RT: 8.657 min Scan# 930

Delta R.T. -0.006 min

Lab File: BP015223.D

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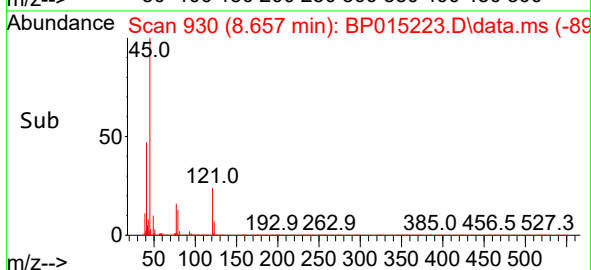
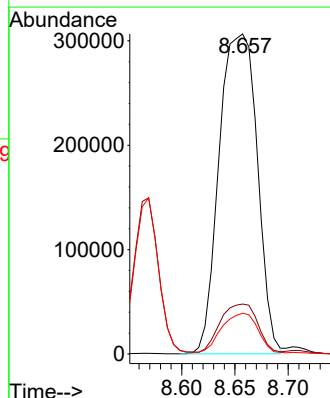
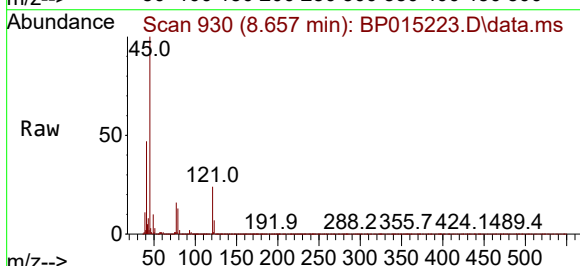
Tgt Ion: 45 Resp: 763422

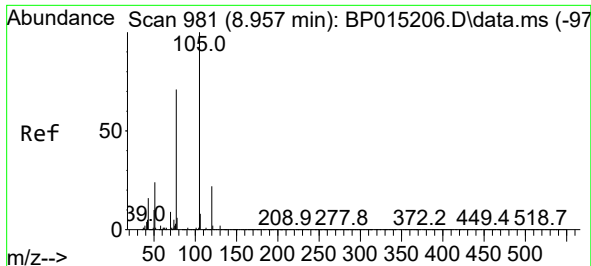
Ion Ratio Lower Upper

45 100

77 15.6 12.8 19.2

79 12.8 9.5 14.3

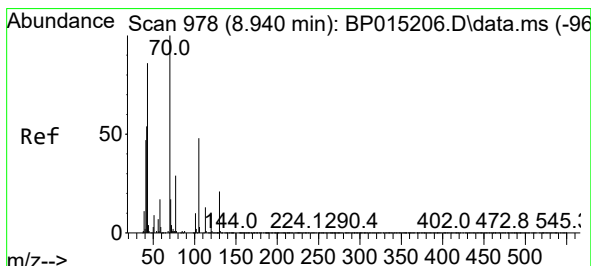
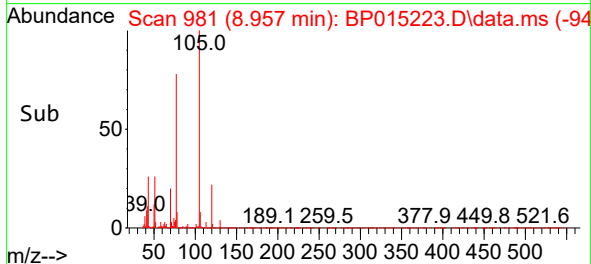
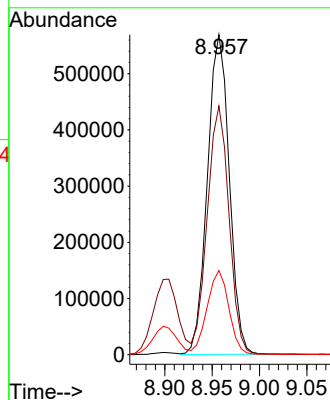
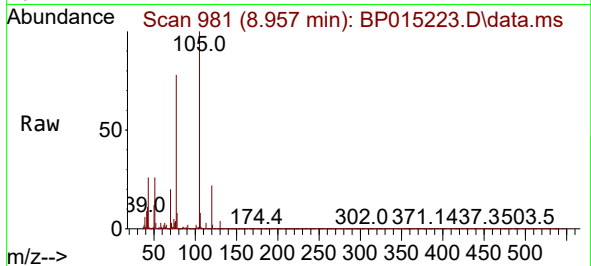




#16
Acetophenone
Concen: 29.728 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

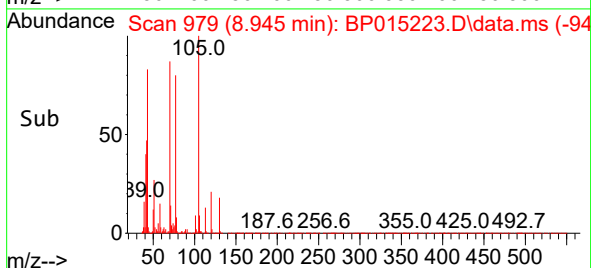
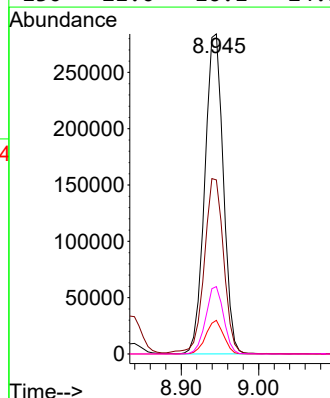
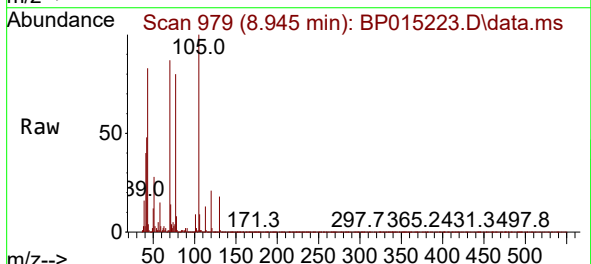
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ClientSampleId :
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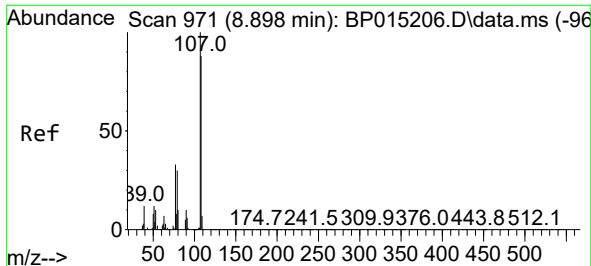
Tgt Ion:105 Resp: 912798
Ion Ratio Lower Upper
105 100
77 77.7 59.4 89.2
51 26.3 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 29.220 ng/ul
RT: 8.945 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion: 70 Resp: 470542
Ion Ratio Lower Upper
70 100
42 54.4 41.0 61.6
101 10.5 7.9 11.9
130 21.0 16.1 24.1





#18

4-Methylphenol

Concen: 29.703 ng/ul

RT: 8.904 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

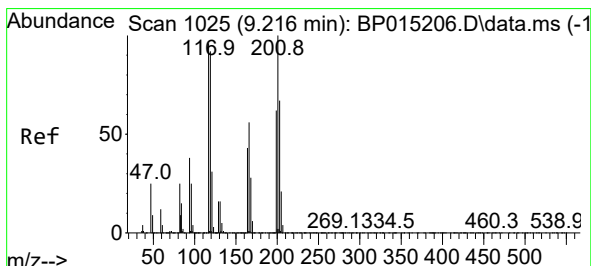
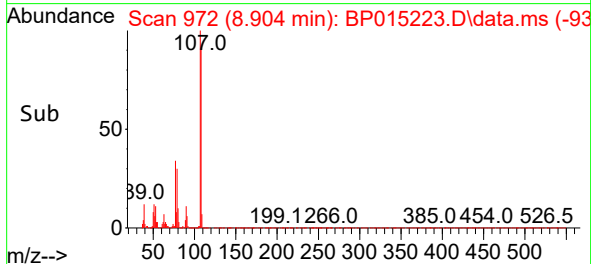
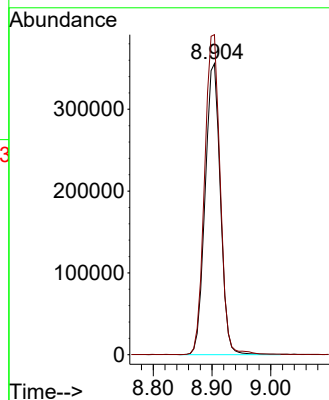
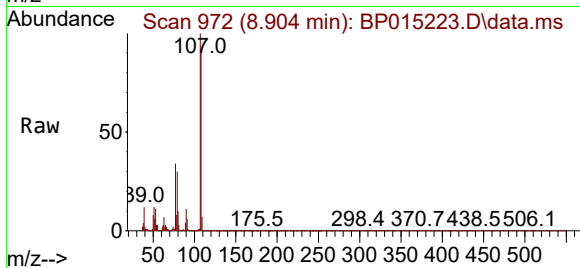
SLCS888

Tgt Ion:108 Resp: 639702

Ion Ratio Lower Upper

108 100

107 109.9 88.5 132.7



#19

Hexachloroethane

Concen: 30.362 ng/ul

RT: 9.216 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

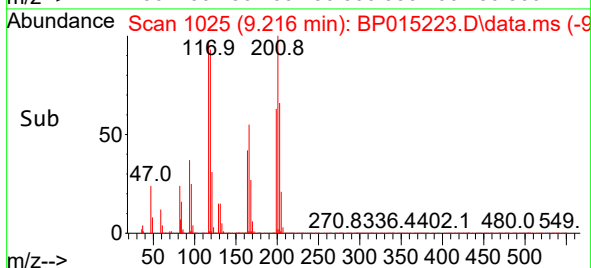
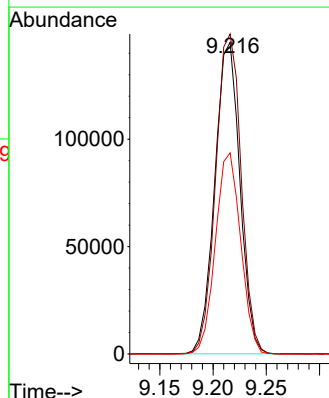
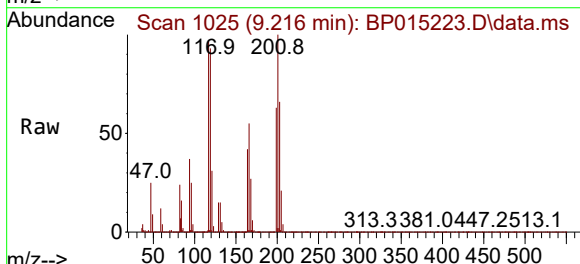
Tgt Ion:117 Resp: 238036

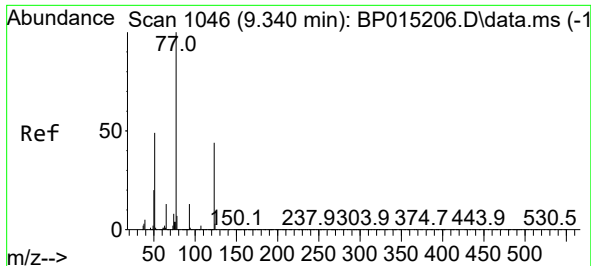
Ion Ratio Lower Upper

117 100

201 102.7 75.8 113.8

199 64.6 46.5 69.7

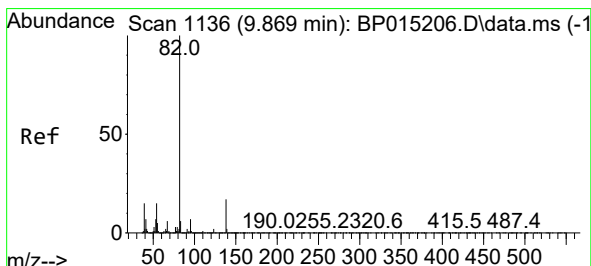
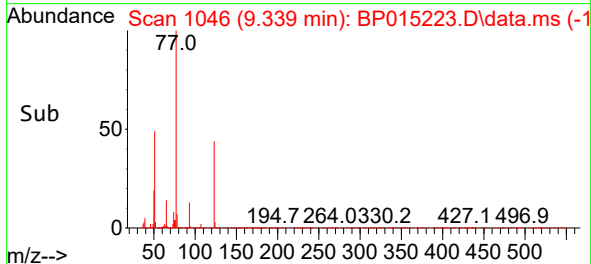
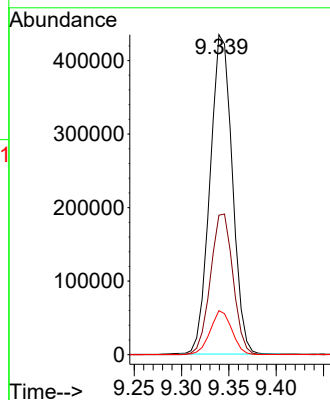
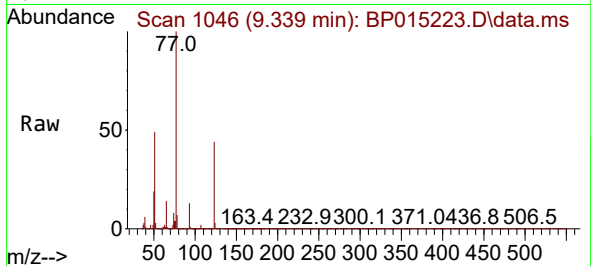




#22
Nitrobenzene
Concen: 31.345 ng/ul
RT: 9.339 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

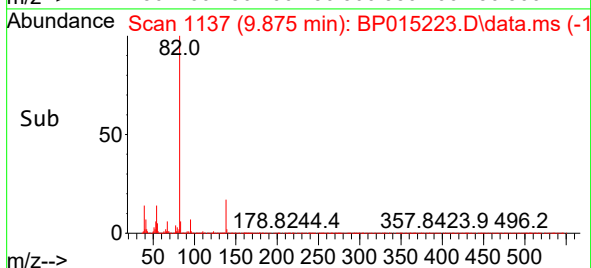
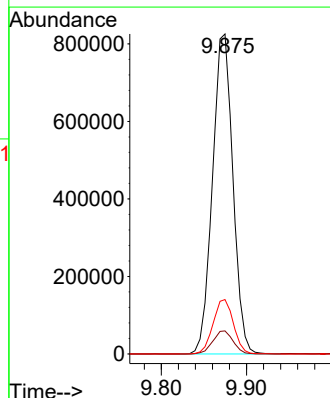
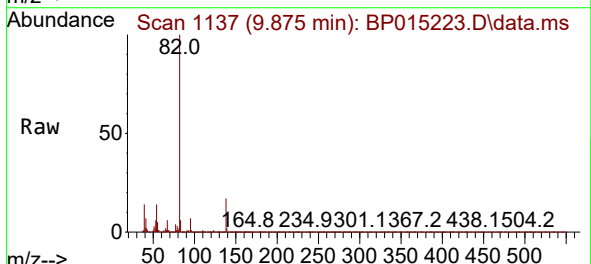
Instrument :
BNA_P
ClientSampleId :
SLCS888

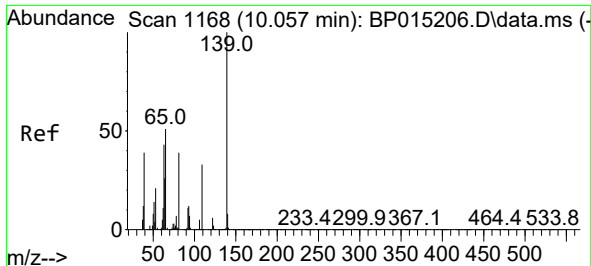
Tgt Ion: 77 Resp: 710890
Ion Ratio Lower Upper
77 100
123 43.6 36.2 54.2
65 13.7 10.1 15.1



#23
Isophorone
Concen: 29.481 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion: 82 Resp: 1374324
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 17.0 13.6 20.4

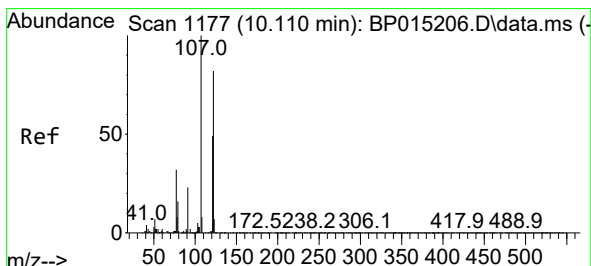
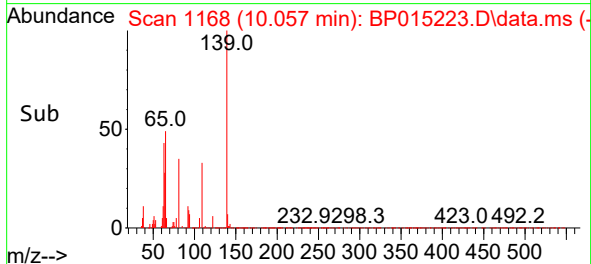
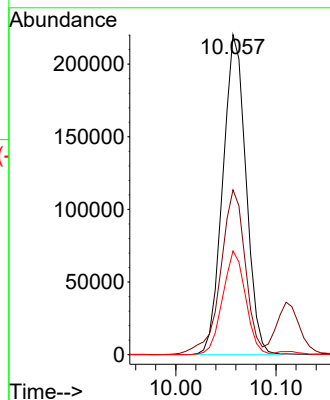
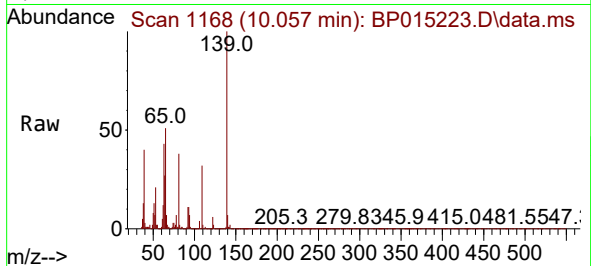




#25
2-Nitrophenol
Concen: 31.579 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

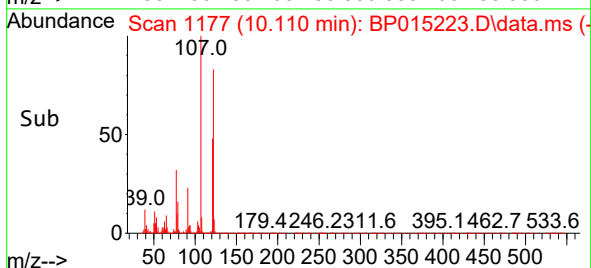
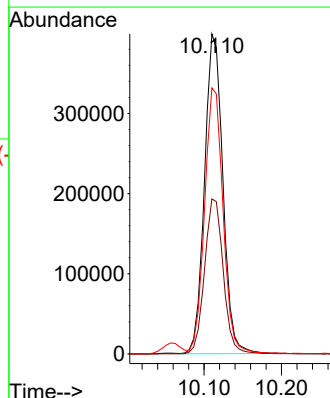
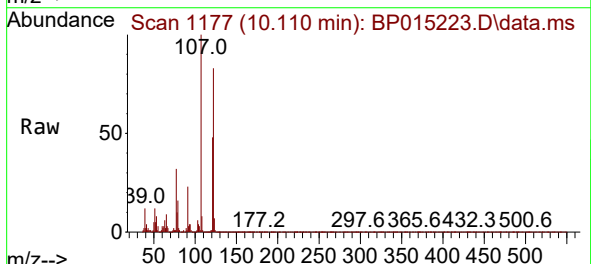
Instrument :
BNA_P
ClientSampleId :
SLCS888

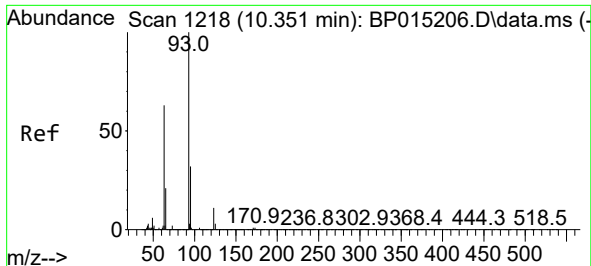
Tgt Ion:139 Resp: 353824
Ion Ratio Lower Upper
139 100
65 51.5 38.4 57.6
109 32.4 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 29.363 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:107 Resp: 656525
Ion Ratio Lower Upper
107 100
121 48.5 41.0 61.6
122 83.1 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 29.876 ng/ul

RT: 10.351 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

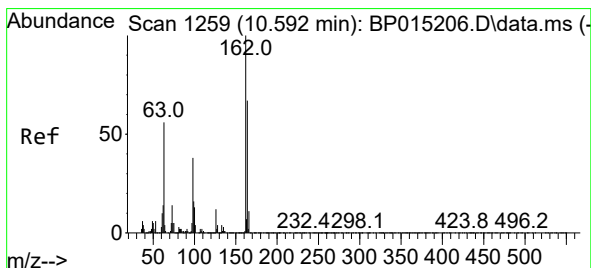
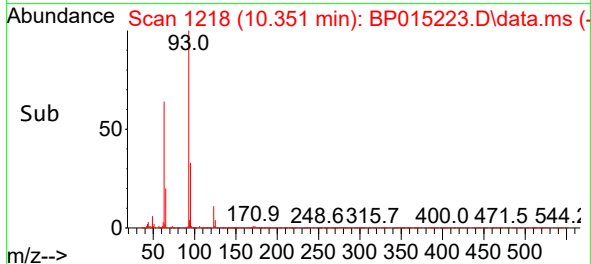
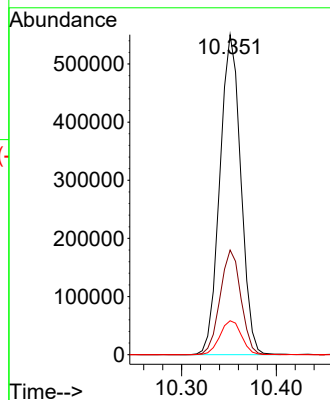
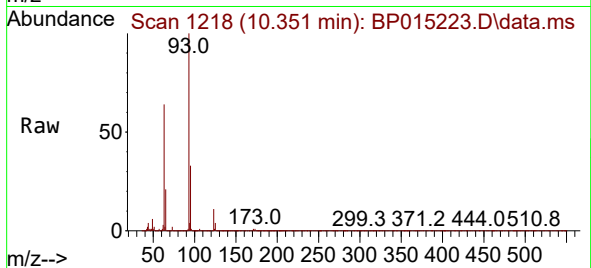
Tgt Ion: 93 Resp: 847384

Ion Ratio Lower Upper

93 100

95 32.7 26.7 40.1

123 10.6 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 31.967 ng/ul

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

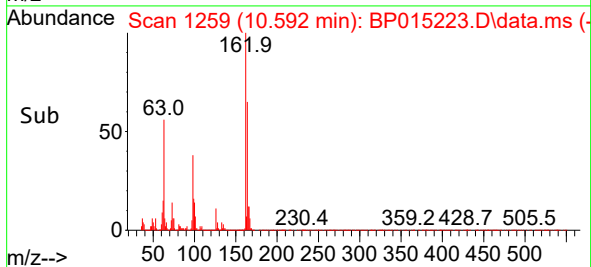
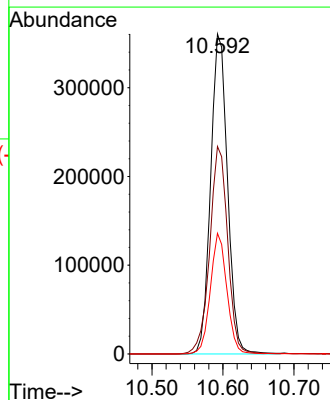
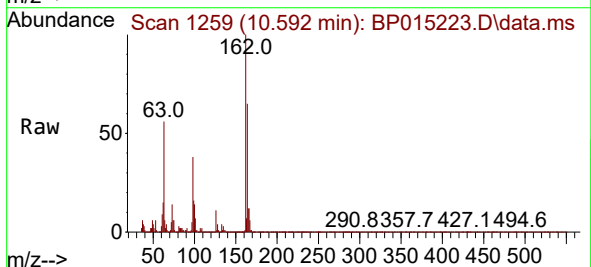
Tgt Ion:162 Resp: 595348

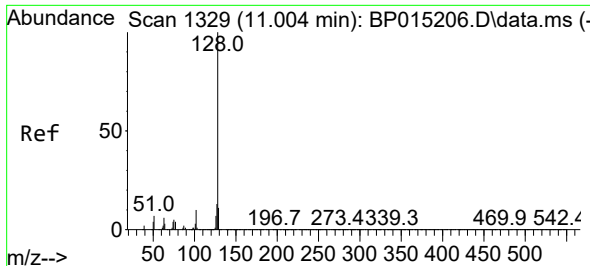
Ion Ratio Lower Upper

162 100

164 64.8 52.0 78.0

98 37.7 28.9 43.3

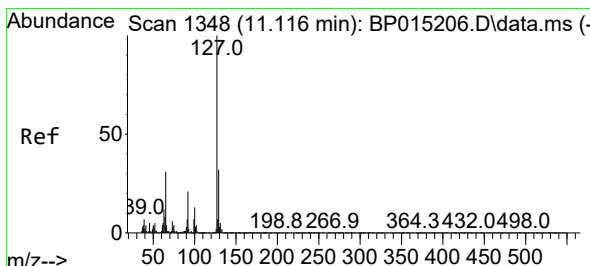
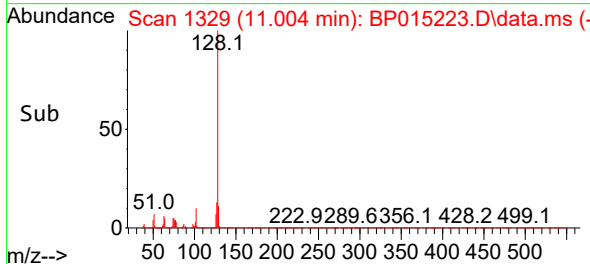
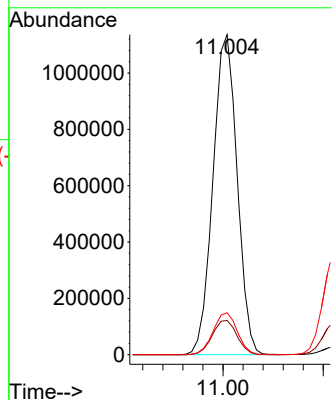
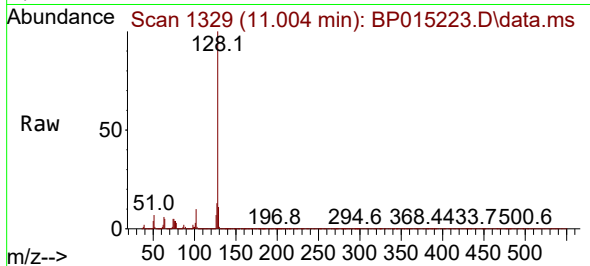




#30
Naphthalene
Concen: 29.850 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

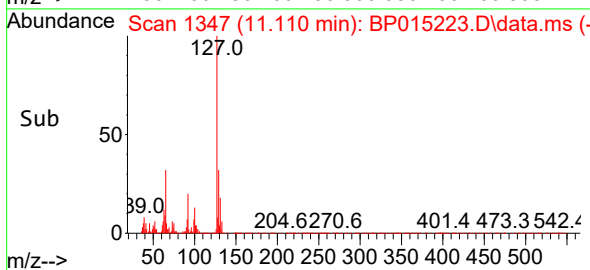
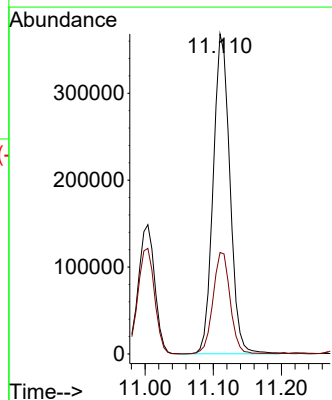
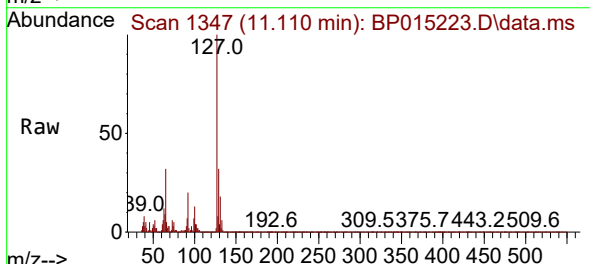
Instrument :
BNA_P
ClientSampleId :
SLCS888

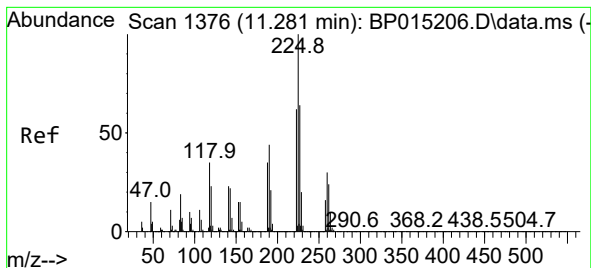
Tgt Ion:128 Resp: 1896432
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 22.422 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:127 Resp: 628656
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8





#33

Hexachlorobutadiene

Concen: 33.174 ng/ul

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

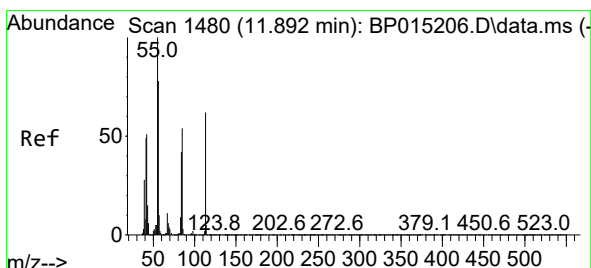
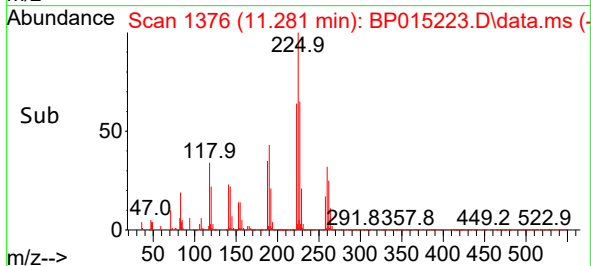
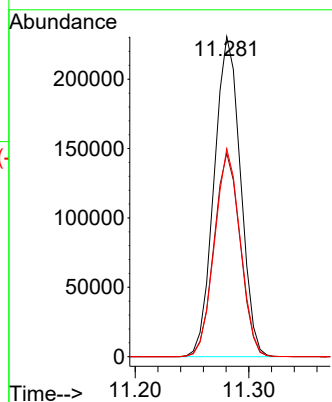
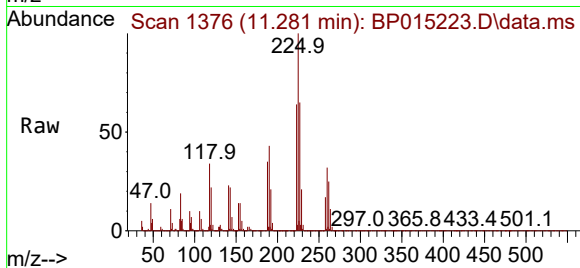
Tgt Ion:225 Resp: 372366

Ion Ratio Lower Upper

225 100

223 63.6 51.0 76.6

227 65.0 52.2 78.4



#34

Caprolactam

Concen: 20.085 ng/ul

RT: 11.898 min Scan# 1481

Delta R.T. 0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

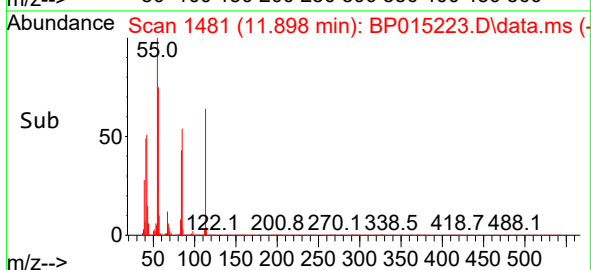
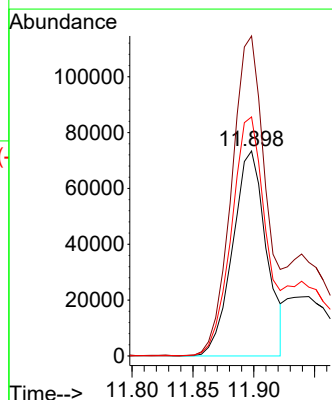
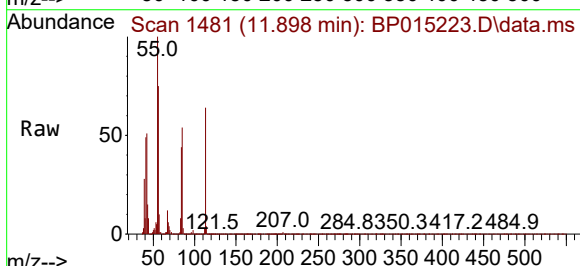
Tgt Ion:113 Resp: 141023

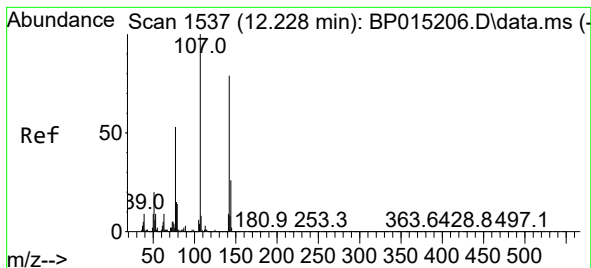
Ion Ratio Lower Upper

113 100

55 156.2 121.2 181.8

56 116.7 90.2 135.4

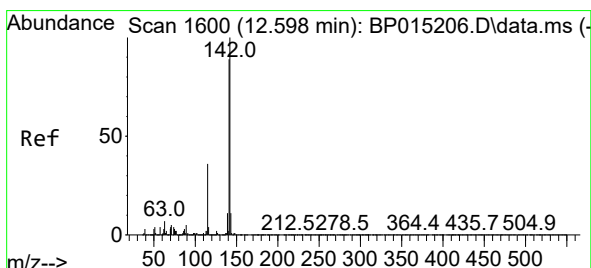
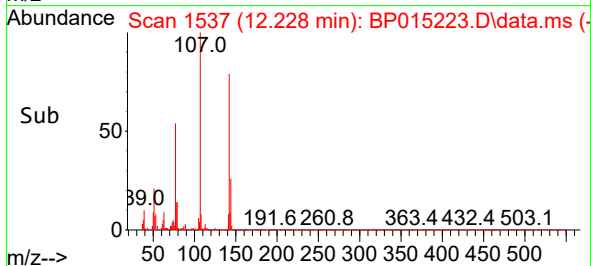
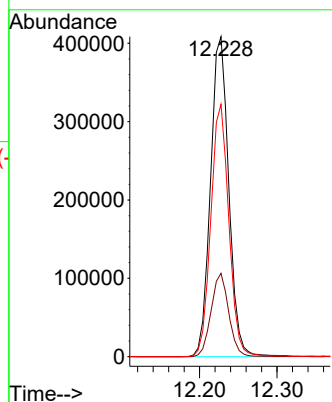
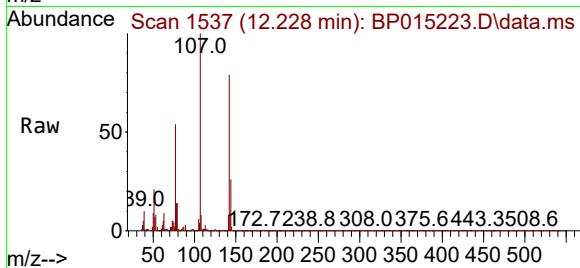




#35
4-Chloro-3-methylphenol
Concen: 31.724 ng/ul
RT: 12.228 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

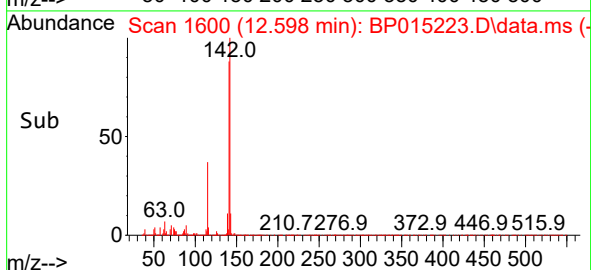
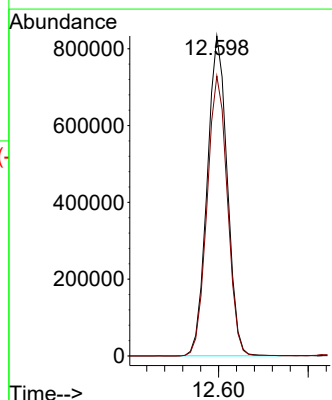
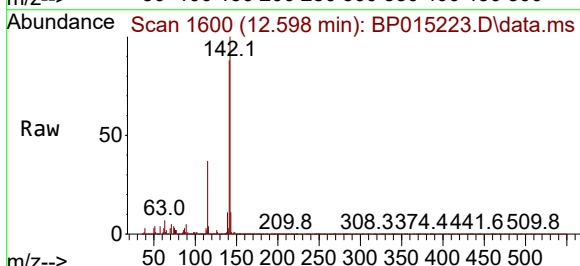
Instrument :
BNA_P
ClientSampleId :
SLCS888

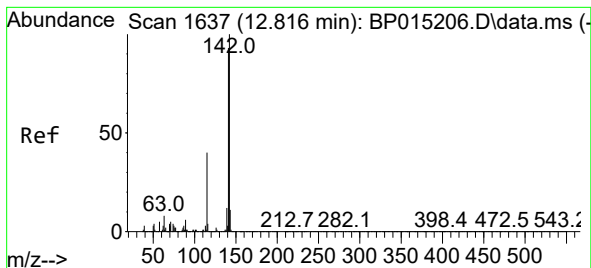
Tgt Ion:107 Resp: 667111
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 78.9 63.2 94.8



#36
2-Methylnaphthalene
Concen: 30.144 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:142 Resp: 1290395
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6





#37

1-Methylnaphthalene

Concen: 30.764 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

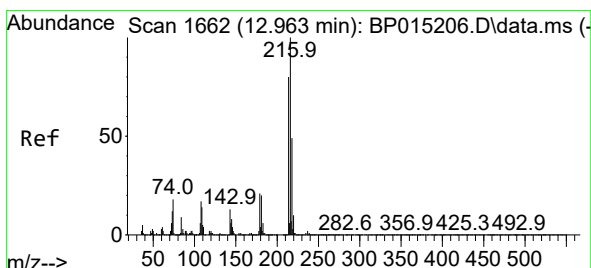
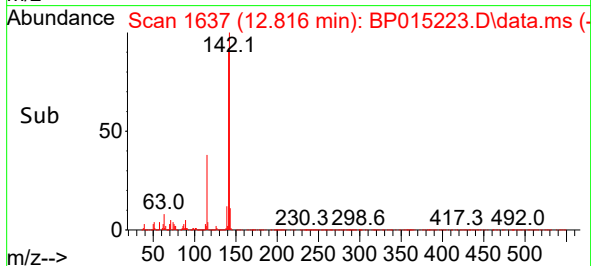
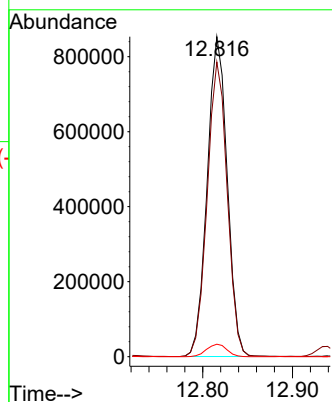
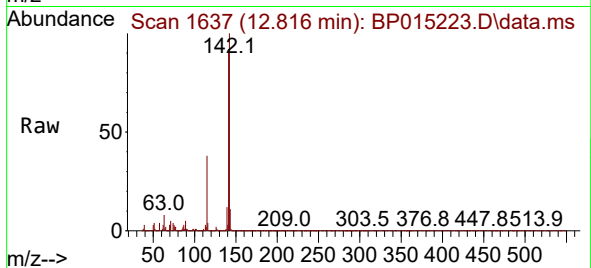
Tgt Ion:142 Resp: 1322484

Ion Ratio Lower Upper

142 100

141 92.1 74.6 112.0

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.140 ng/ul

RT: 12.963 min Scan# 1662

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Tgt Ion:216 Resp: 720028

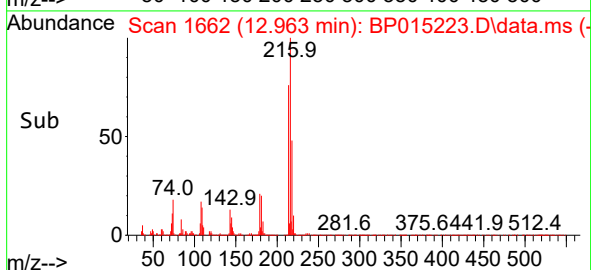
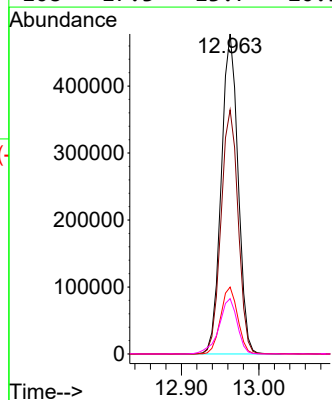
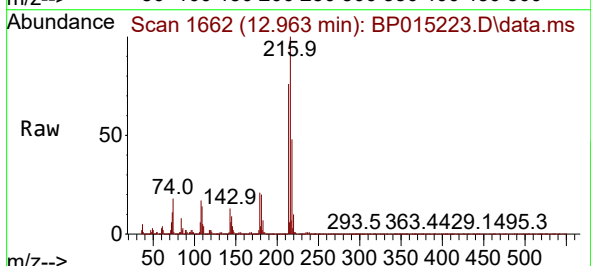
Ion Ratio Lower Upper

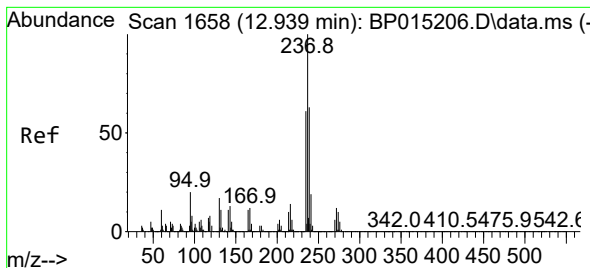
216 100

214 76.3 61.4 92.0

179 20.9 15.9 23.9

108 17.3 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 23.306 ng/ul

RT: 12.939 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

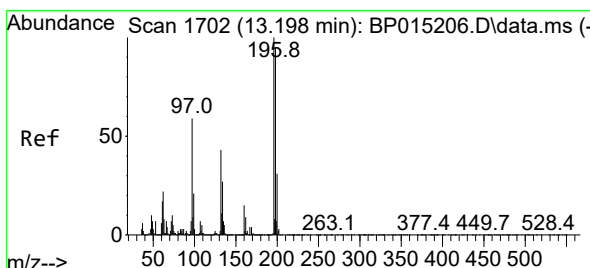
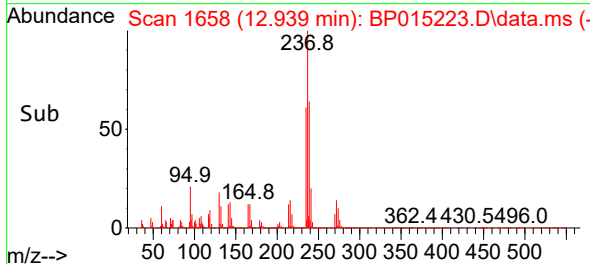
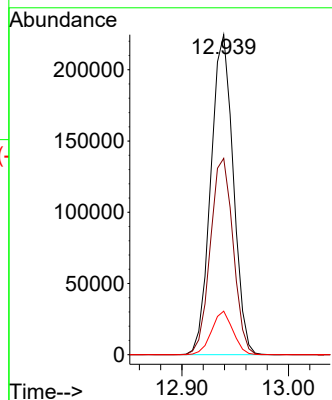
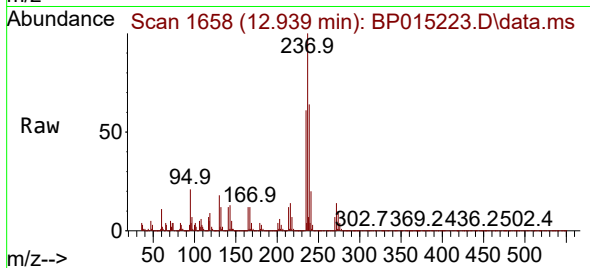
Tgt Ion:237 Resp: 328082

Ion Ratio Lower Upper

237 100

235 61.4 49.4 74.0

272 13.6 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 31.208 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

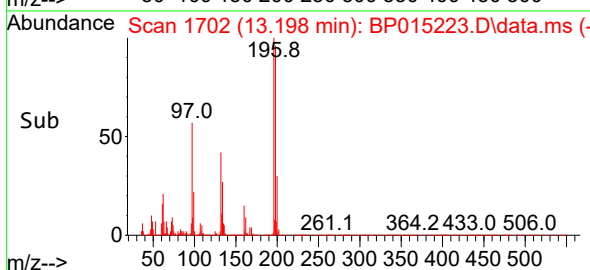
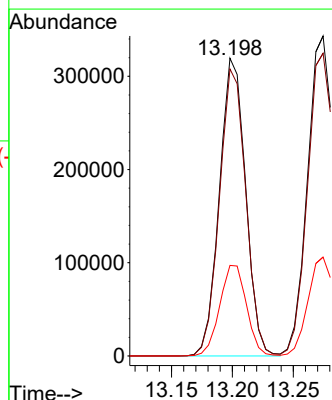
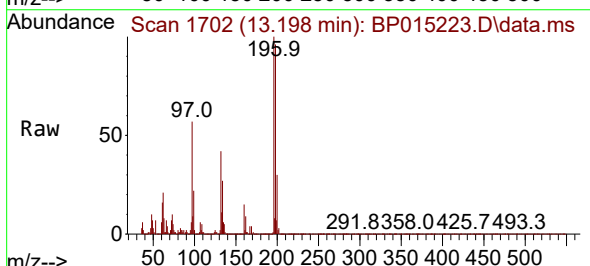
Tgt Ion:196 Resp: 478789

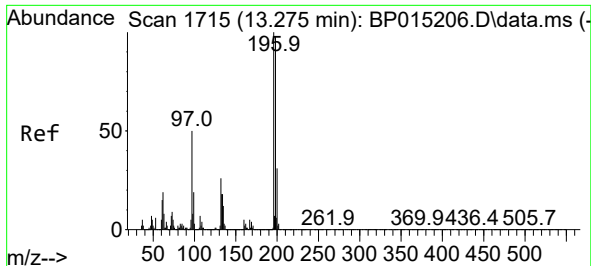
Ion Ratio Lower Upper

196 100

198 96.4 75.5 113.3

200 30.4 23.6 35.4

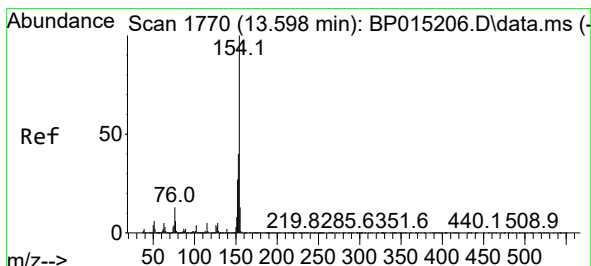
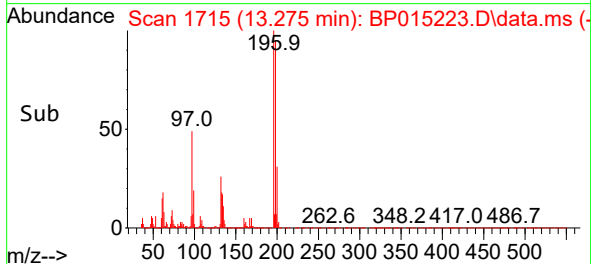
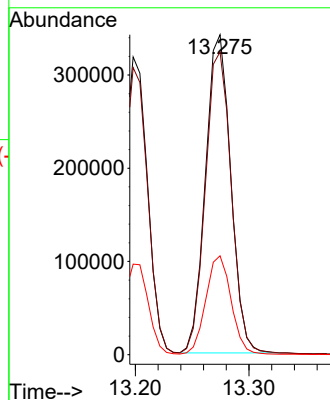
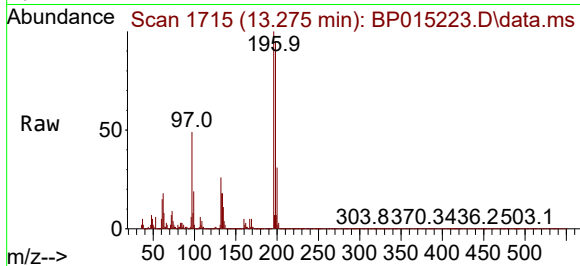




#42
2,4,5-Trichlorophenol
Concen: 31.786 ng/ul
RT: 13.275 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

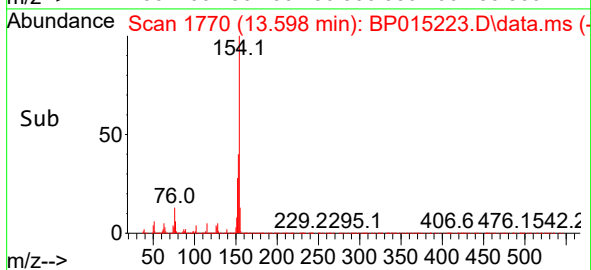
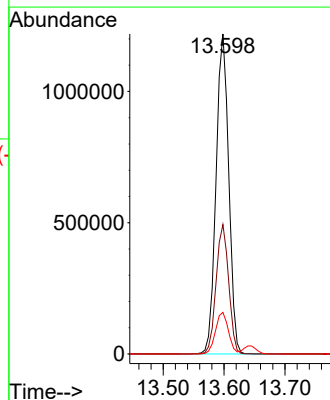
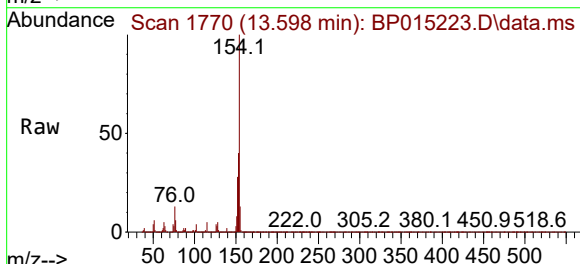
Instrument :
BNA_P
ClientSampleId :
SLCS888

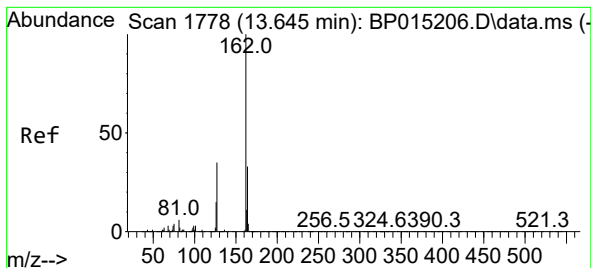
Tgt Ion:196 Resp: 528750
Ion Ratio Lower Upper
196 100
198 94.6 77.0 115.4
200 30.9 24.3 36.5



#43
1,1'-Biphenyl
Concen: 31.201 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:154 Resp: 1758607
Ion Ratio Lower Upper
154 100
153 40.4 32.7 49.1
76 13.0 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.443 ng/ul

RT: 13.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

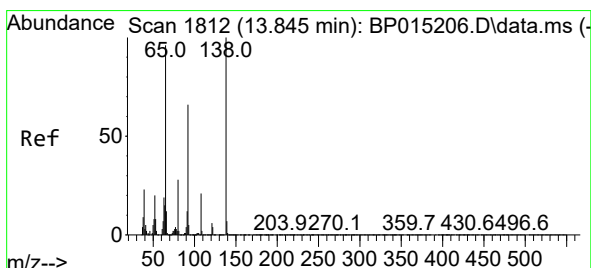
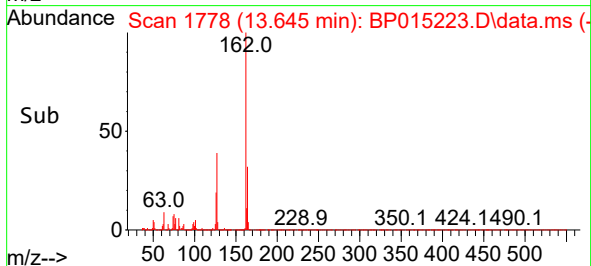
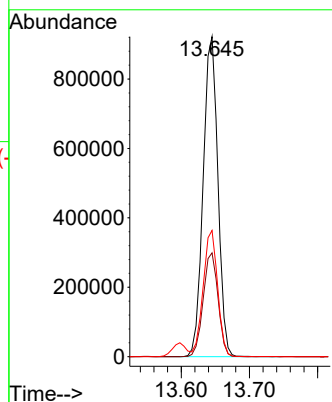
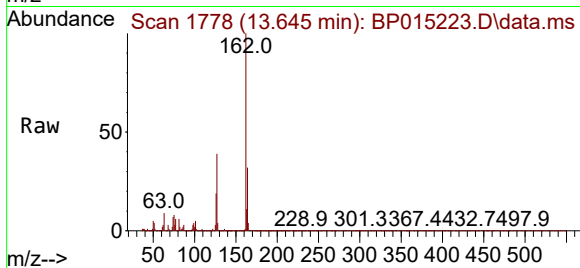
Tgt Ion:162 Resp: 1384030

Ion Ratio Lower Upper

162 100

164 32.4 25.9 38.9

127 39.4 30.8 46.2



#45

2-Nitroaniline

Concen: 33.588 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

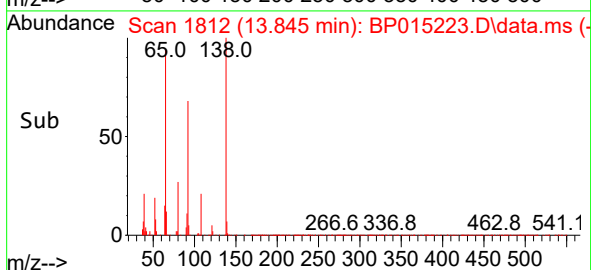
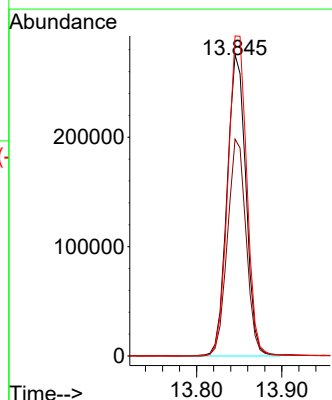
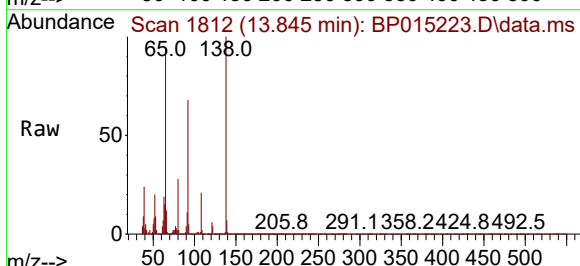
Tgt Ion: 65 Resp: 423026

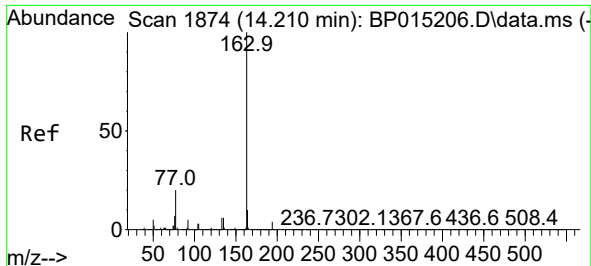
Ion Ratio Lower Upper

65 100

92 72.0 59.8 89.8

138 106.2 92.3 138.5

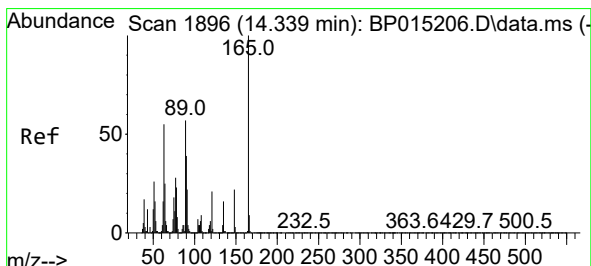
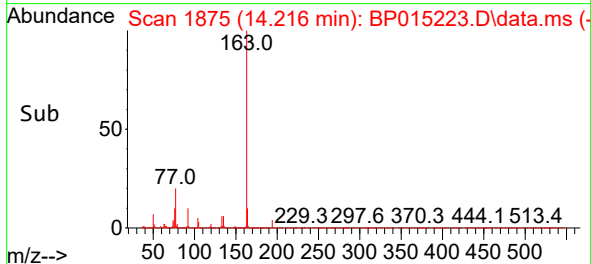
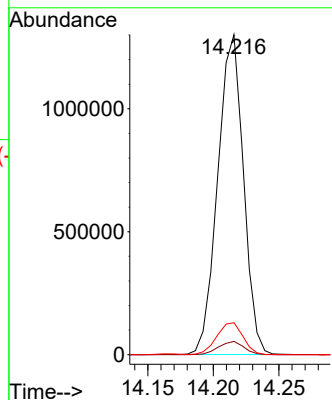
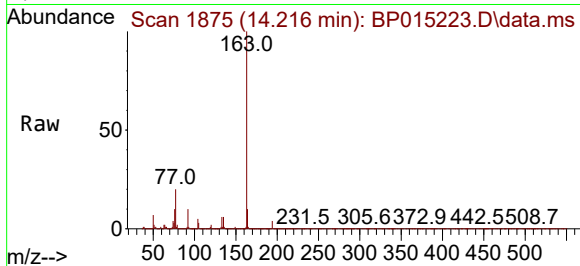




#47
Dimethylphthalate
Concen: 31.011 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

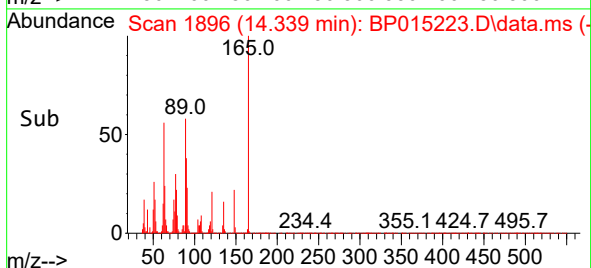
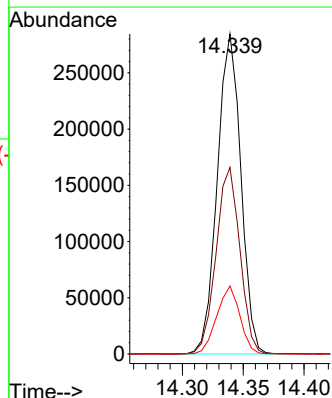
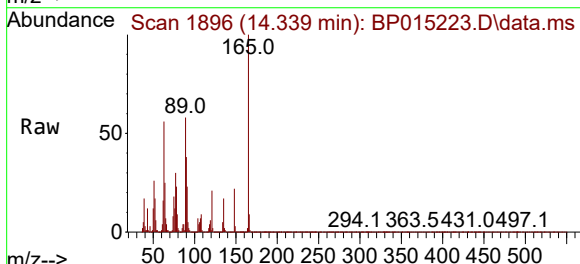
Instrument :
BNA_P
ClientSampleId :
SLCS888

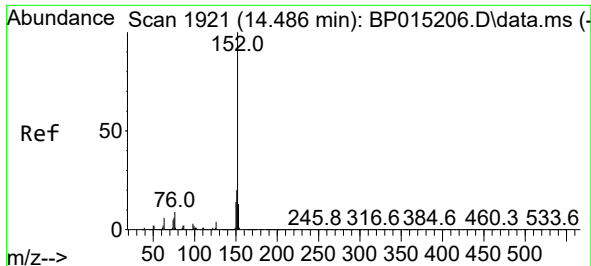
Tgt Ion:163 Resp: 1772927
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 33.877 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:165 Resp: 383709
Ion Ratio Lower Upper
165 100
89 58.3 48.0 72.0
121 21.3 17.5 26.3

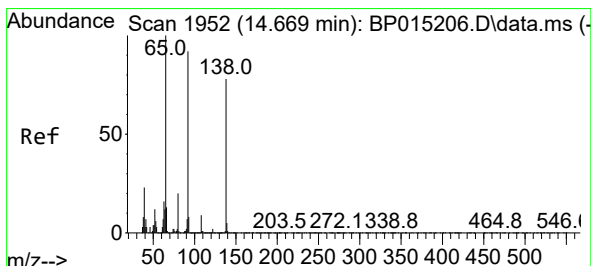
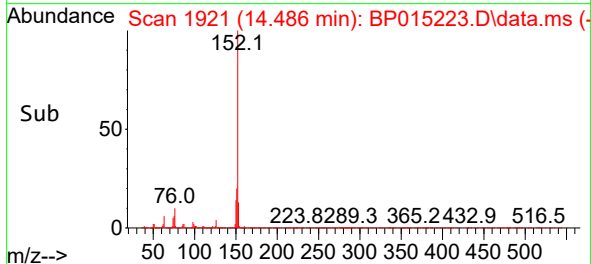
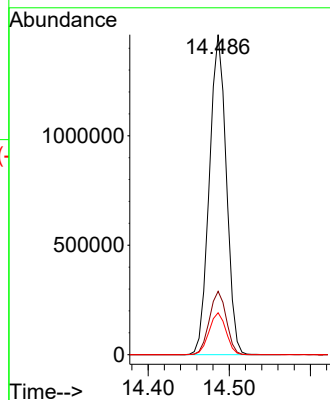
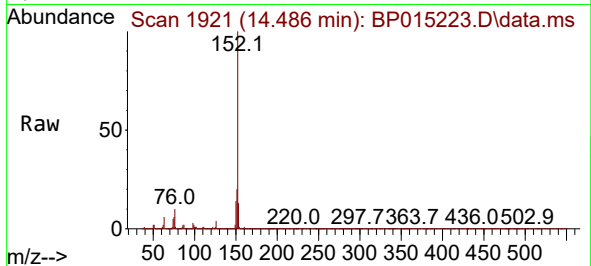




#50
Acenaphthylene
Concen: 30.218 ng/ul
RT: 14.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

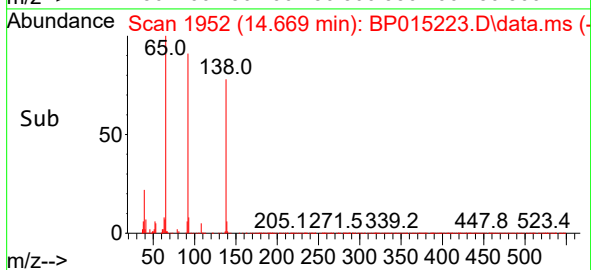
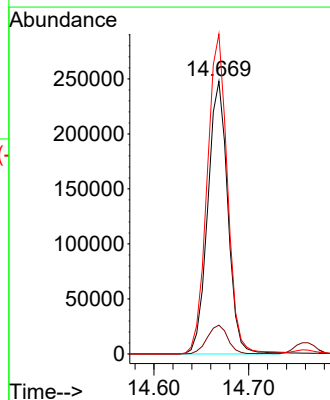
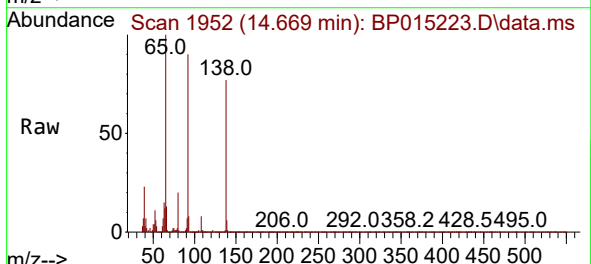
Instrument :
BNA_P
ClientSampleId :
SLCS888

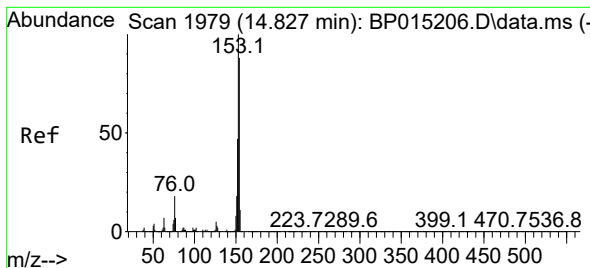
Tgt Ion:152 Resp: 2116915
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 35.648 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:138 Resp: 363574
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 117.4 93.4 140.0





#52

Acenaphthene

Concen: 30.296 ng/ul

RT: 14.827 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

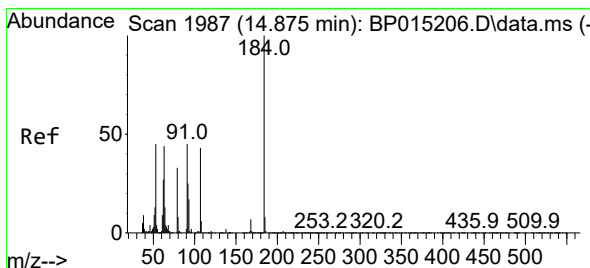
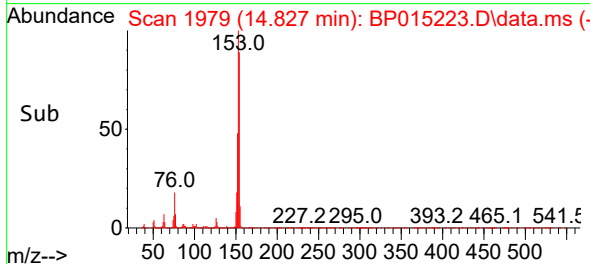
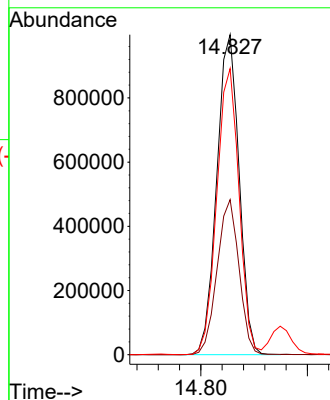
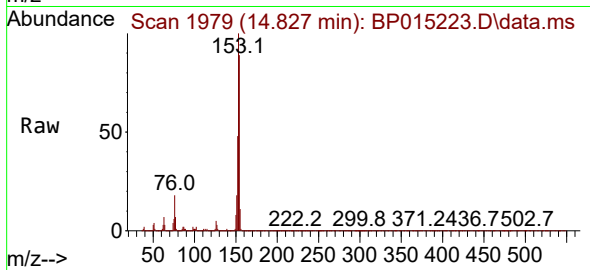
Tgt Ion:153 Resp: 1449518

Ion Ratio Lower Upper

153 100

152 48.4 38.0 57.0

154 89.4 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 25.939 ng/ul

RT: 14.874 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

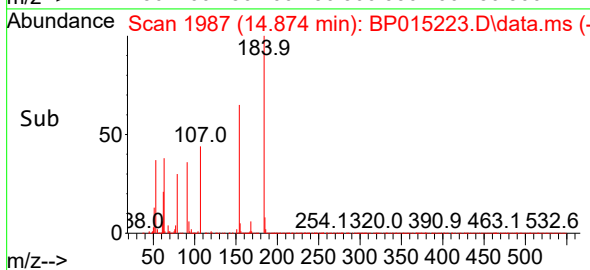
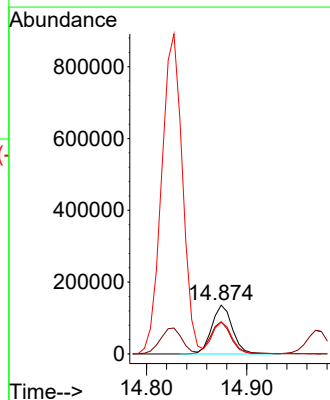
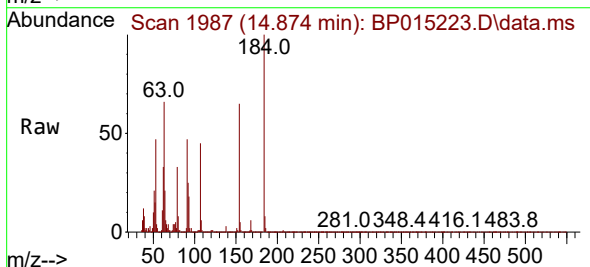
Tgt Ion:184 Resp: 195065

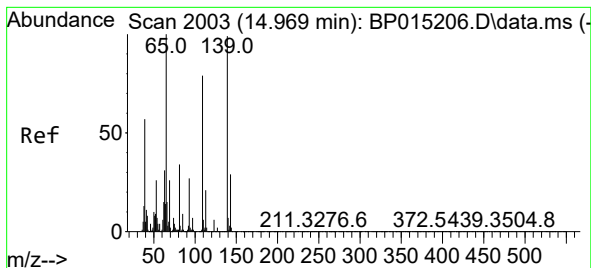
Ion Ratio Lower Upper

184 100

63 66.0 49.7 74.5

154 65.2 47.5 71.3

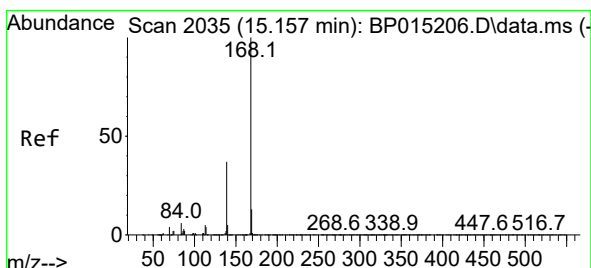
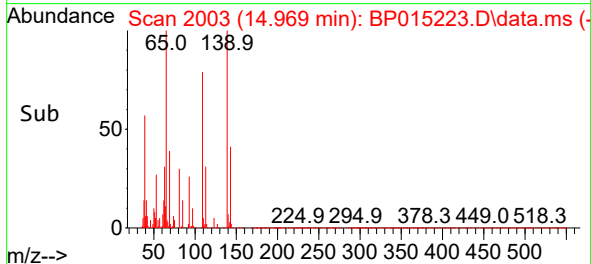
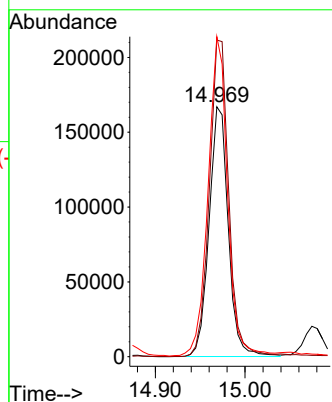
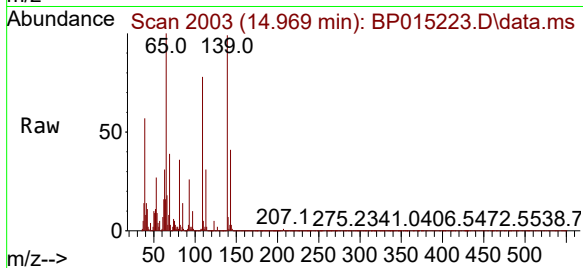




#55
4-Nitrophenol
Concen: 31.637 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

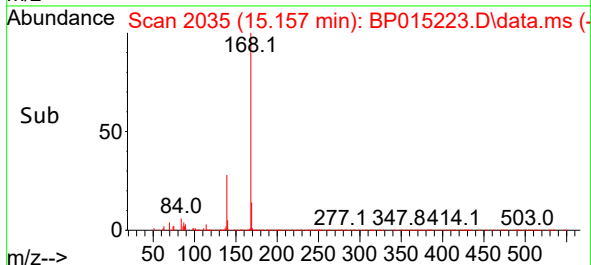
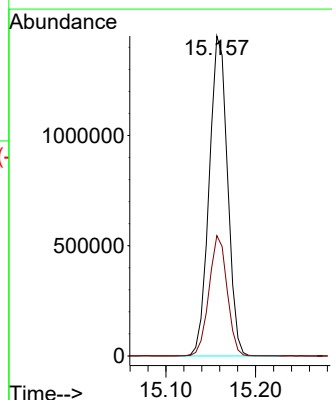
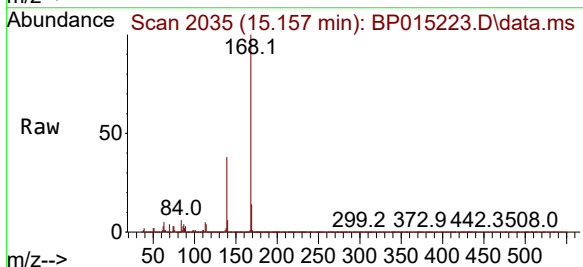
Instrument :
BNA_P
ClientSampleId :
SLCS888

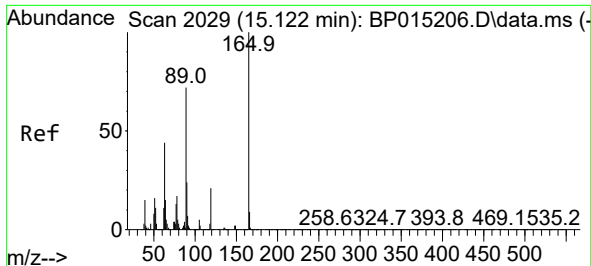
Tgt Ion:109 Resp: 248038
Ion Ratio Lower Upper
109 100
139 126.7 115.3 172.9
65 128.0 107.9 161.9



#56
Dibenzofuran
Concen: 30.883 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:168 Resp: 2055218
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 32.824 ng/ul

RT: 15.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

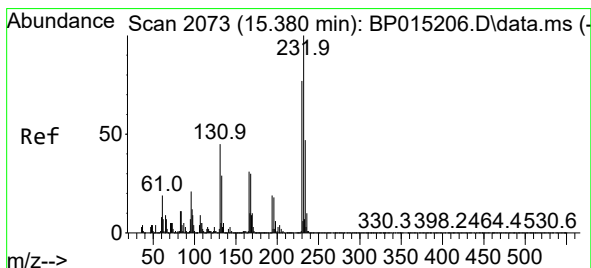
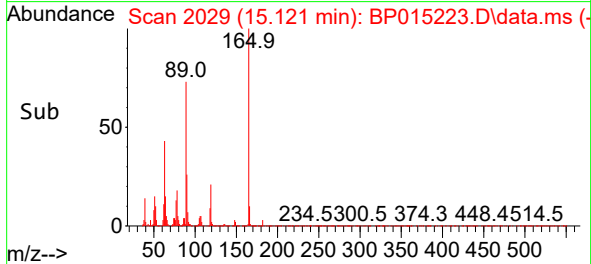
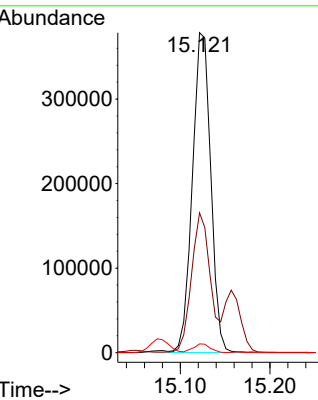
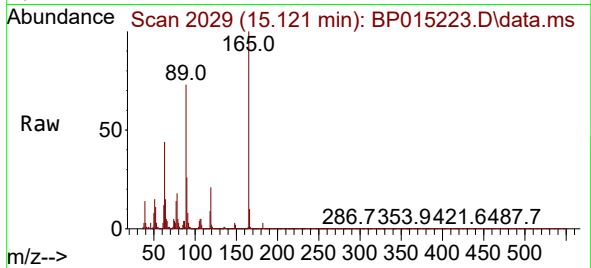
Tgt Ion:165 Resp: 537965

Ion Ratio Lower Upper

165 100

63 43.7 33.1 49.7

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.005 ng/ul

RT: 15.380 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Tgt Ion:232 Resp: 421243

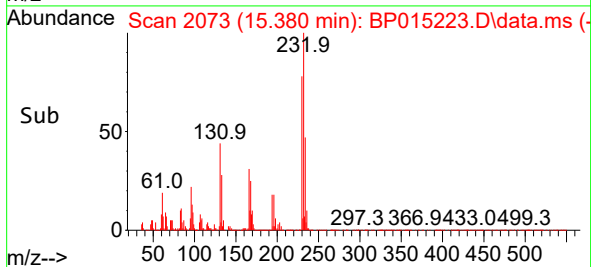
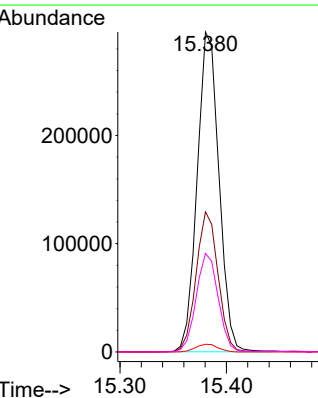
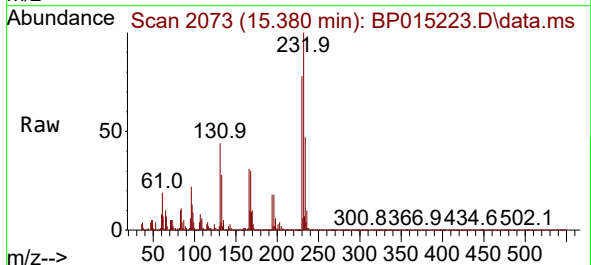
Ion Ratio Lower Upper

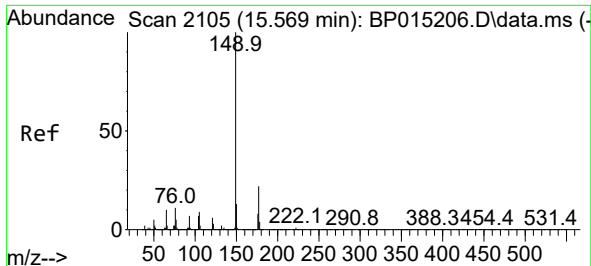
232 100

131 43.8 36.8 55.2

130 2.4 1.9 2.9

166 30.8 24.6 37.0

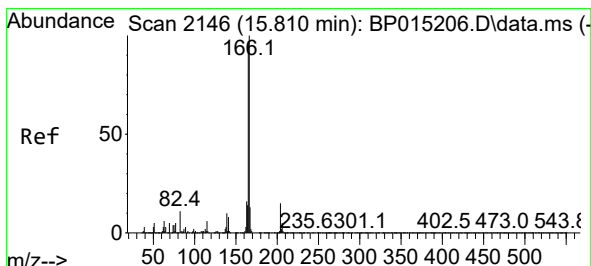
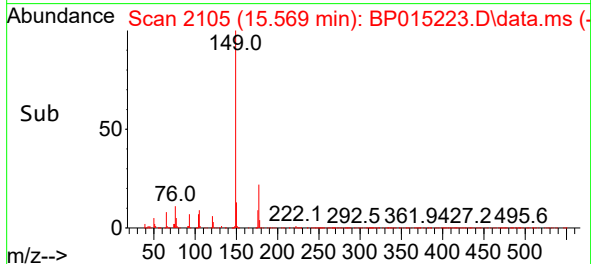
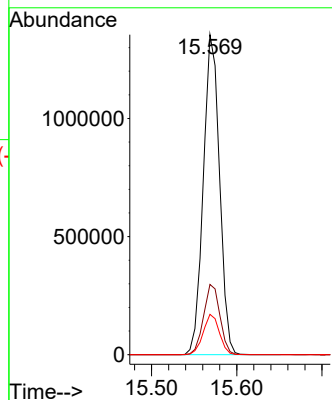
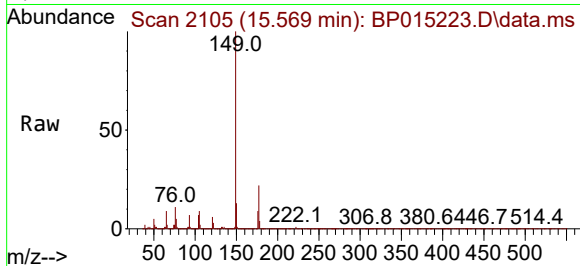




#59
Diethylphthalate
Concen: 31.368 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

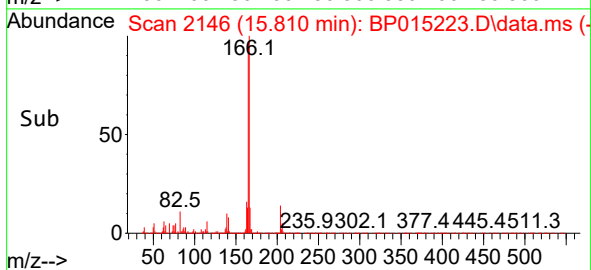
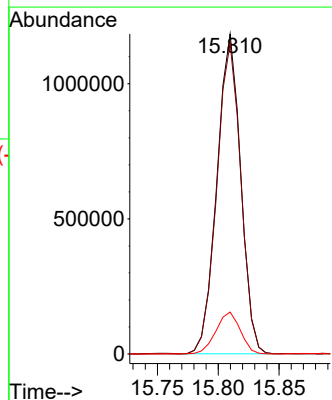
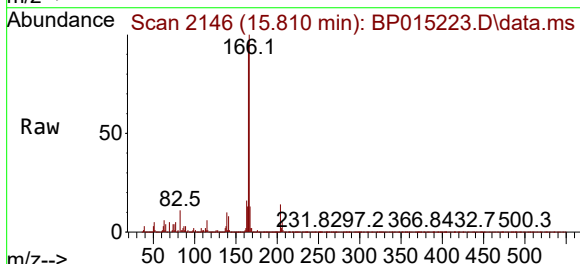
Instrument :
BNA_P
ClientSampleId :
SLCS888

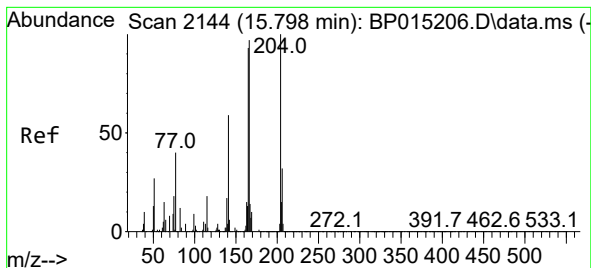
Tgt Ion:149 Resp: 1788631
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 9.8 14.8



#61
Fluorene
Concen: 30.119 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:166 Resp: 1610818
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.1 10.6 15.8

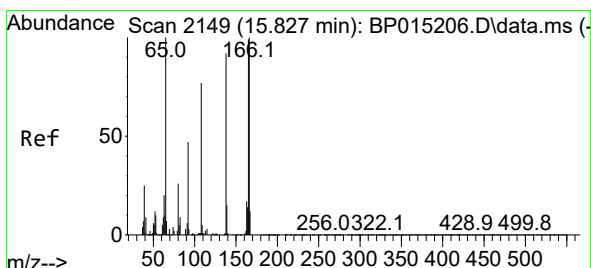
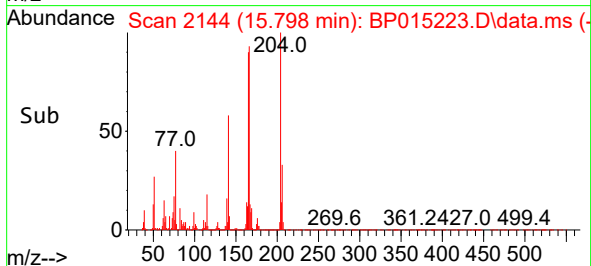
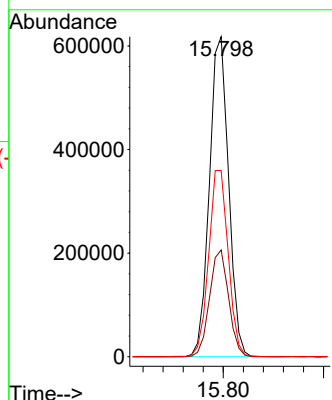
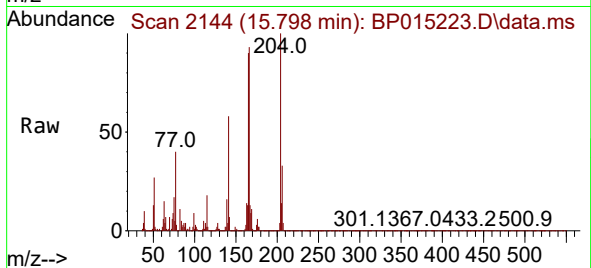




#62
4-Chlorophenyl-phenylether
Concen: 31.358 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

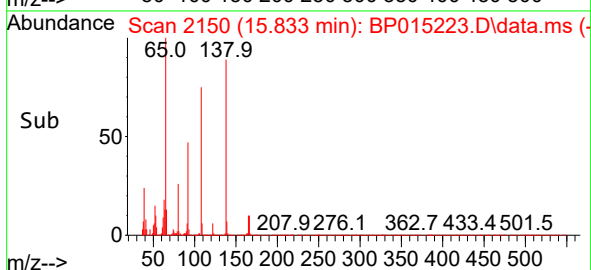
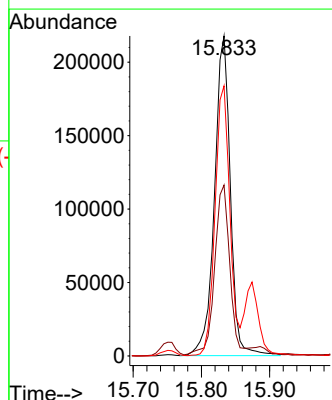
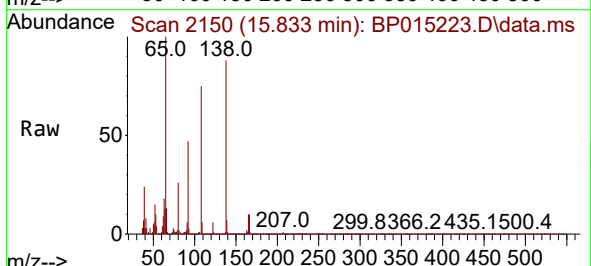
Instrument :
BNA_P
ClientSampleId :
SLCS888

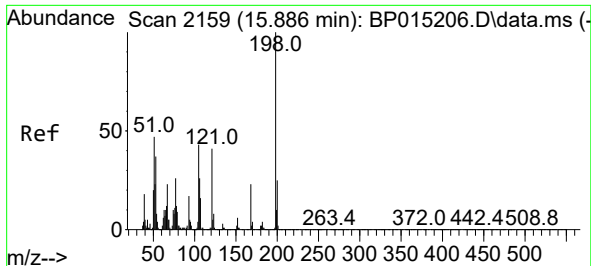
Tgt Ion:204 Resp: 819432
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 58.2 44.5 66.7



#63
4-Nitroaniline
Concen: 40.082 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:138 Resp: 353018
Ion Ratio Lower Upper
138 100
92 53.4 41.2 61.8
108 84.4 60.1 90.1

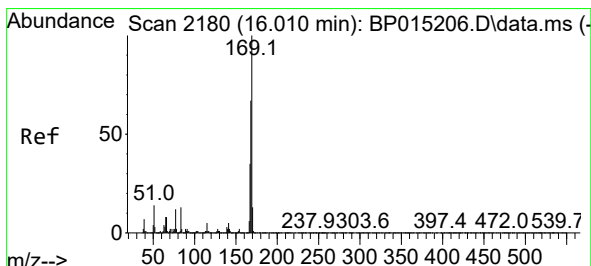
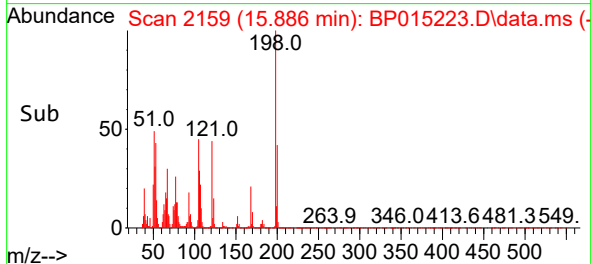
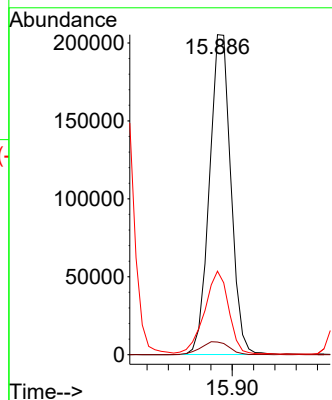
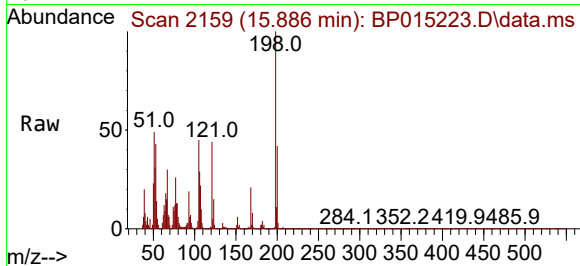




#66
4,6-Dinitro-2-methylphenol
Concen: 28.655 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

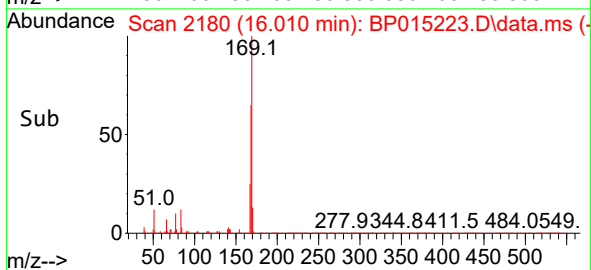
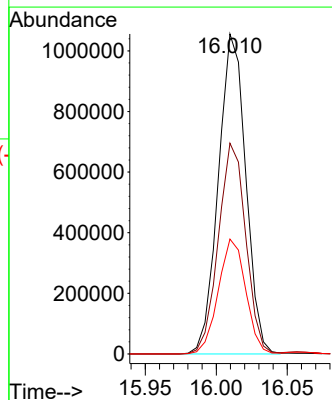
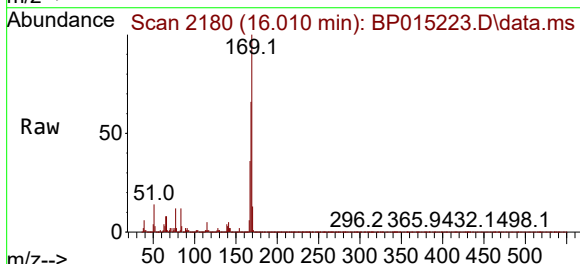
Instrument :
BNA_P
ClientSampleId :
SLCS888

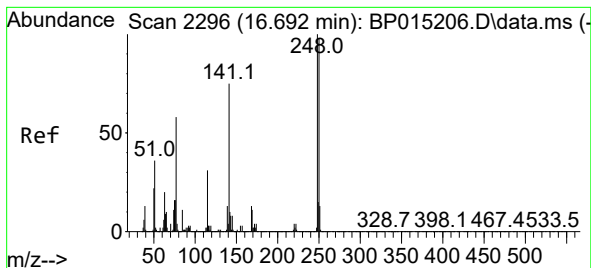
Tgt Ion:198 Resp: 285895
Ion Ratio Lower Upper
198 100
182 3.9 3.7 5.5
77 26.1 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 31.359 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:169 Resp: 1414418
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 35.9 28.9 43.3

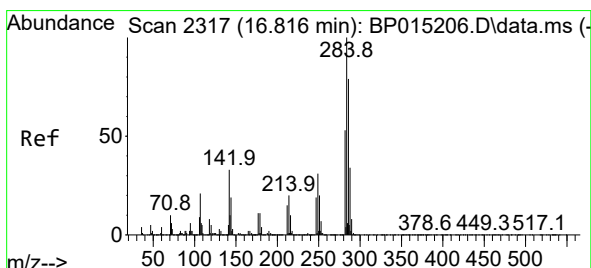
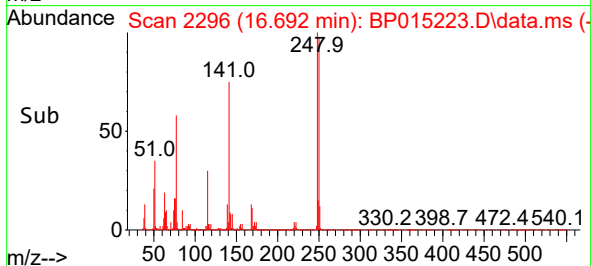
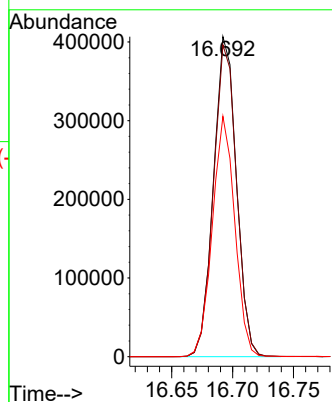
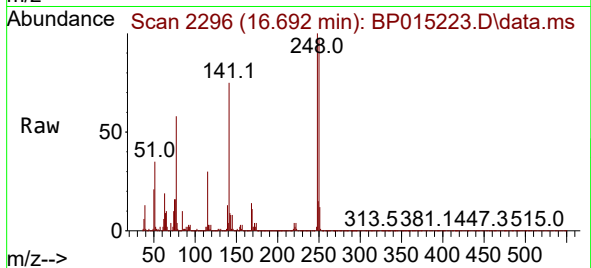




#68
4-Bromophenyl-phenylether
Concen: 33.733 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

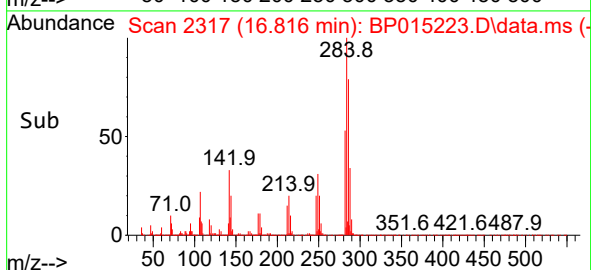
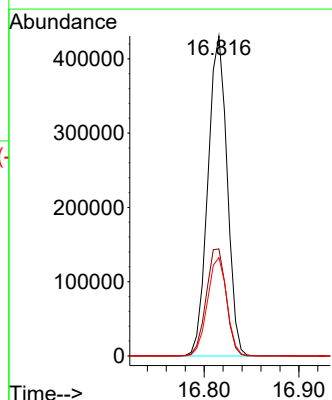
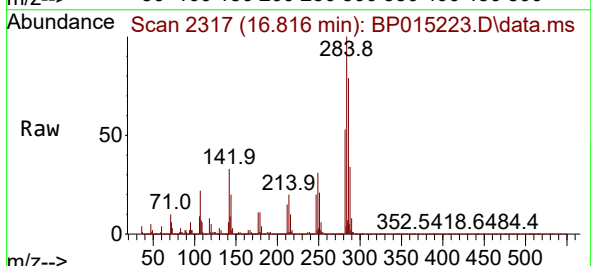
Instrument :
BNA_P
ClientSampleId :
SLCS888

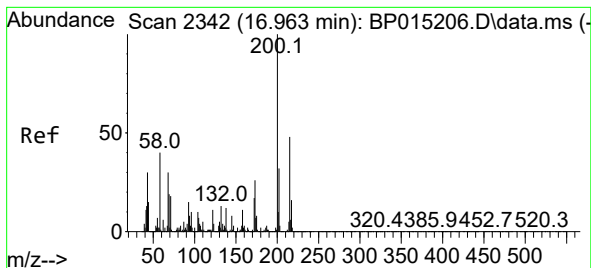
Tgt Ion:248 Resp: 532978
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 75.1 58.6 87.8



#69
Hexachlorobenzene
Concen: 32.592 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:284 Resp: 608549
Ion Ratio Lower Upper
284 100
142 33.5 27.3 40.9
249 30.8 24.6 36.8





#70

Atrazine

Concen: 17.255 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

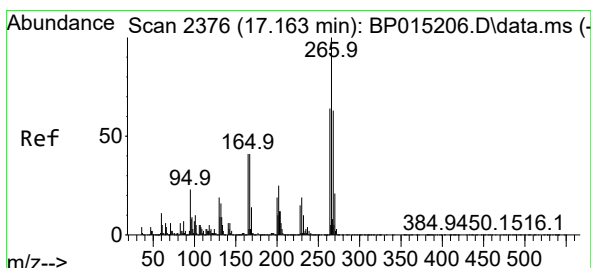
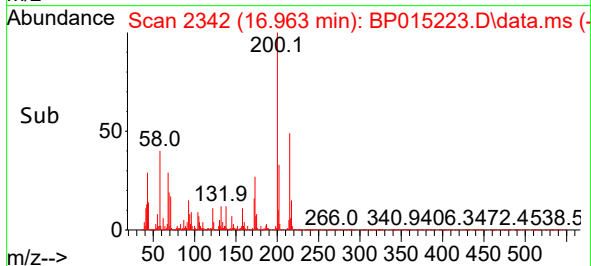
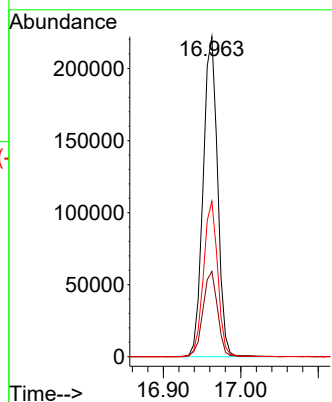
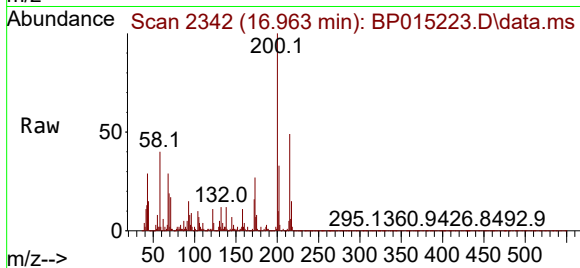
Tgt Ion:200 Resp: 287670

Ion Ratio Lower Upper

200 100

173 26.6 21.4 32.2

215 48.6 38.1 57.1



#71

Pentachlorophenol

Concen: 27.362 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

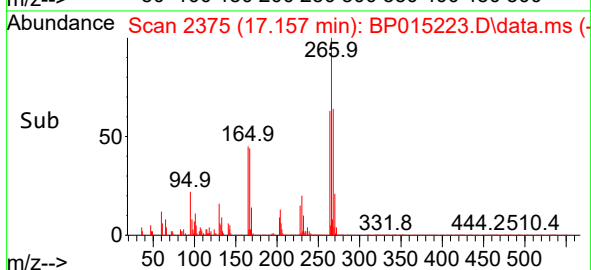
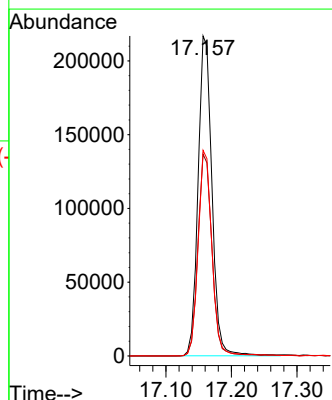
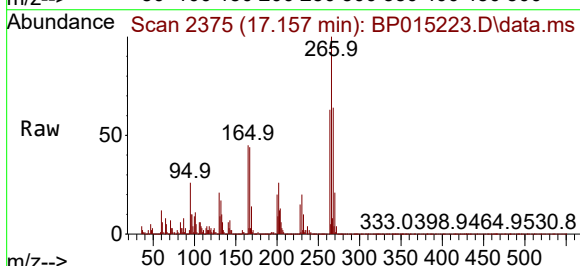
Tgt Ion:266 Resp: 319579

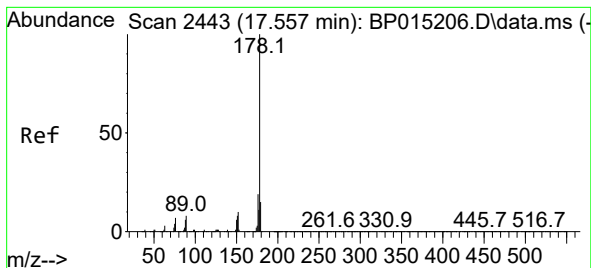
Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.4

268 64.2 51.8 77.6





#72

Phenanthrene

Concen: 30.500 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

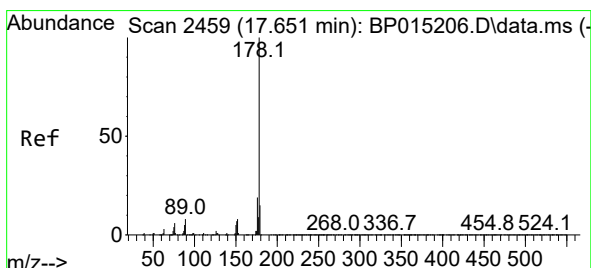
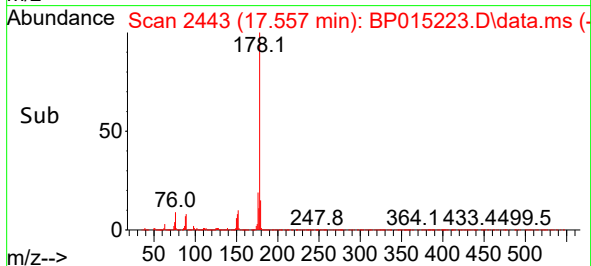
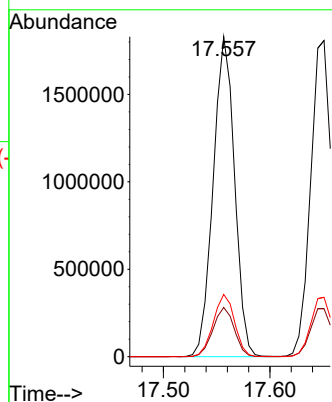
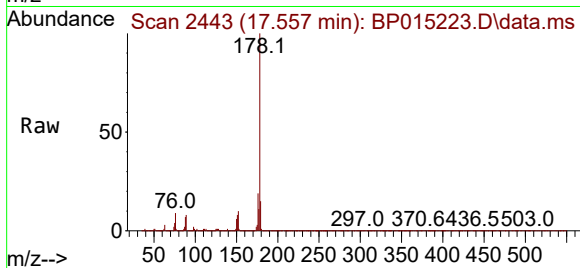
Tgt Ion:178 Resp: 2547672

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.5 15.6 23.4



#74

Anthracene

Concen: 29.690 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

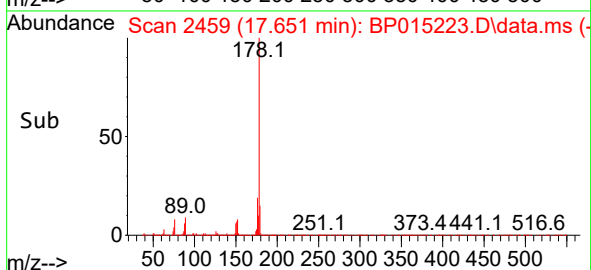
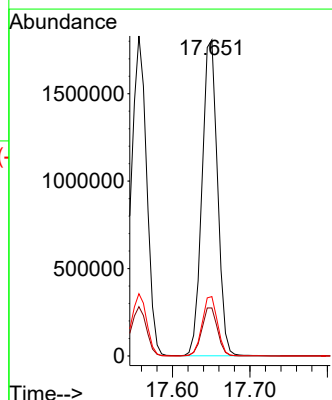
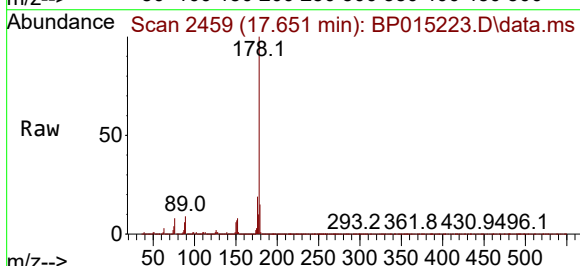
Tgt Ion:178 Resp: 2507832

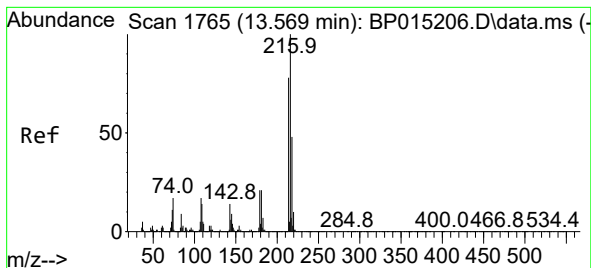
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.8 15.2 22.8

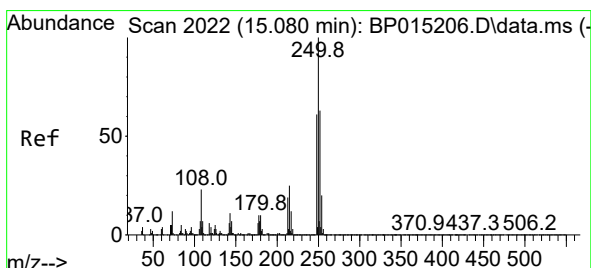
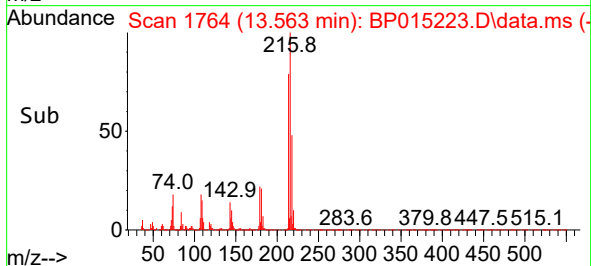
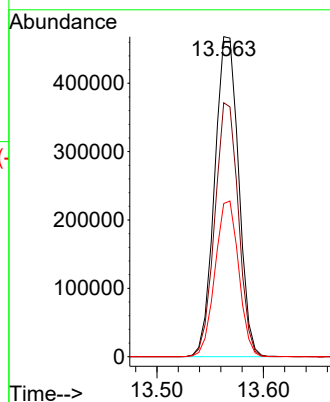
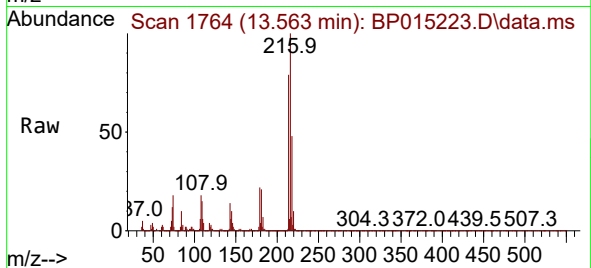




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.635 ng/uL
RT: 13.563 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

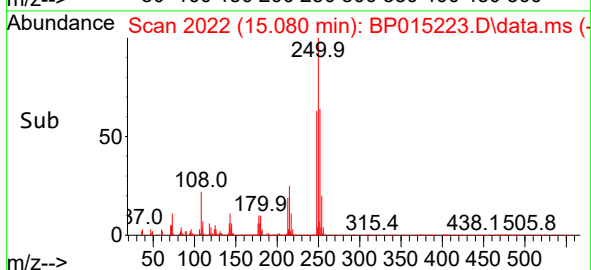
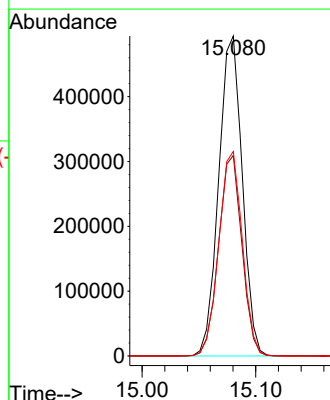
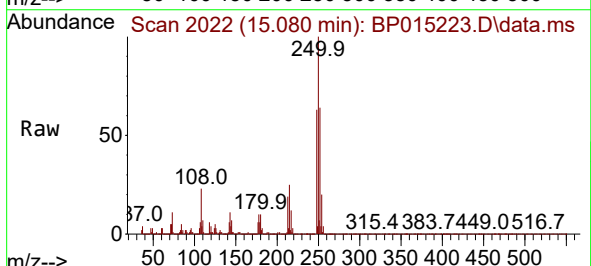
Instrument :
BNA_P
ClientSampleId :
SLCS888

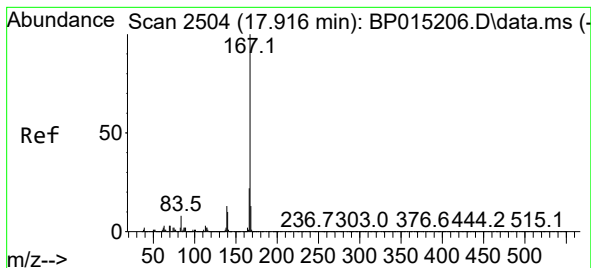
Tgt Ion:216 Resp: 731544
Ion Ratio Lower Upper
216 100
214 79.3 62.2 93.4
218 47.8 38.2 57.2



#76
Pentachlorobenzene
Concen: 32.586 ng/uL
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:250 Resp: 711610
Ion Ratio Lower Upper
250 100
248 62.6 49.8 74.6
252 63.9 51.6 77.4





#77

Carbazole

Concen: 29.991 ng/ul

RT: 17.915 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

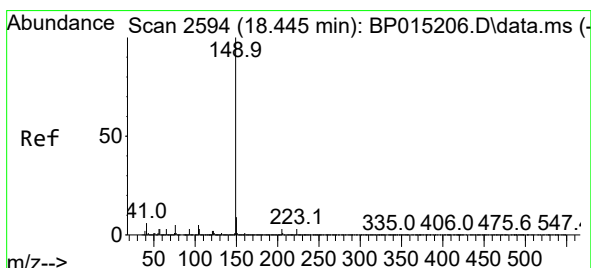
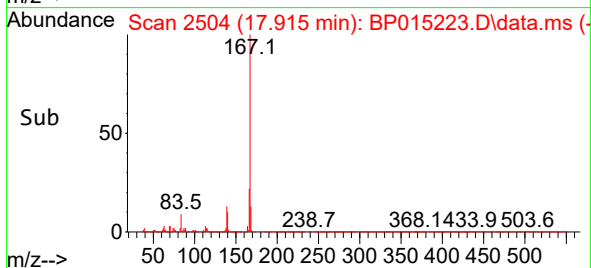
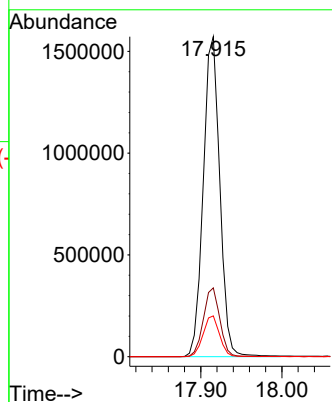
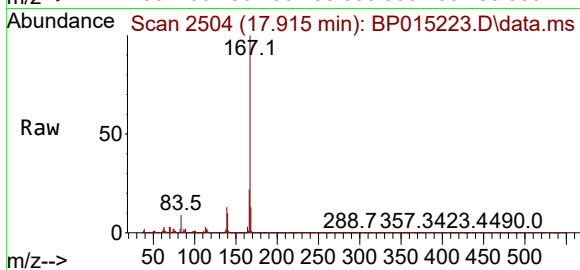
Tgt Ion:167 Resp: 2221326

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 12.8 10.2 15.4



#78

Di-n-butylphthalate

Concen: 31.961 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

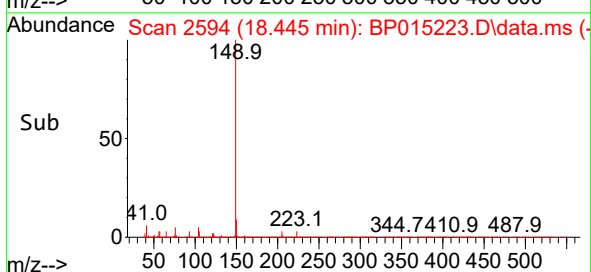
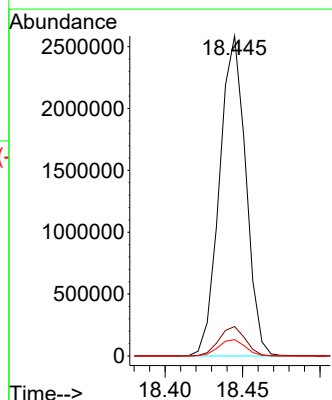
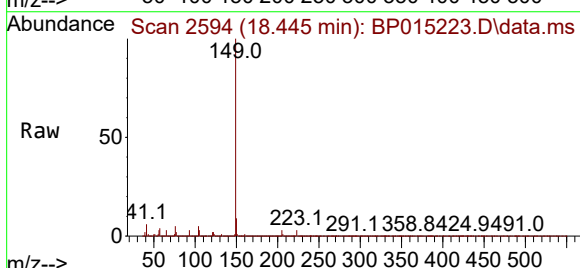
Tgt Ion:149 Resp: 3048569

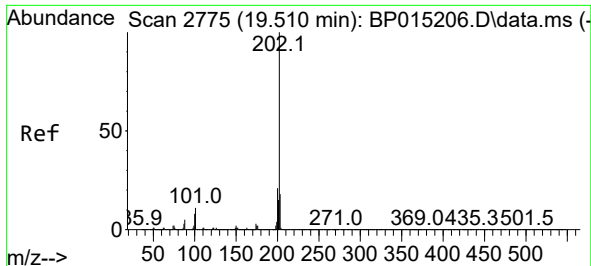
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.1 3.9 5.9

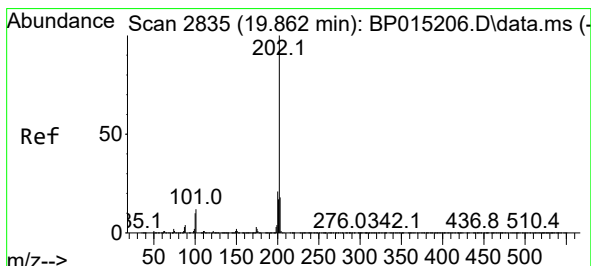
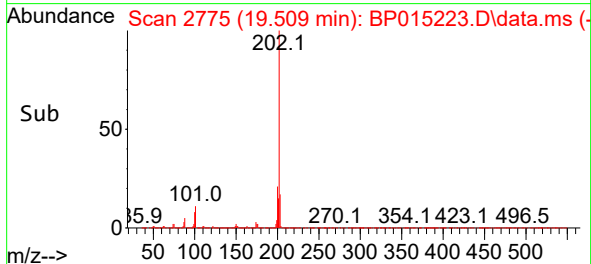
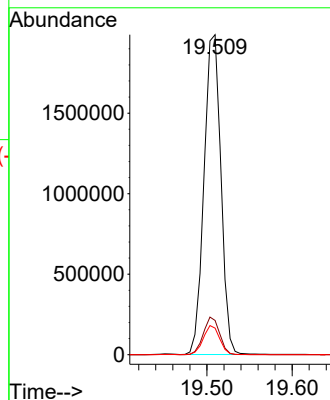
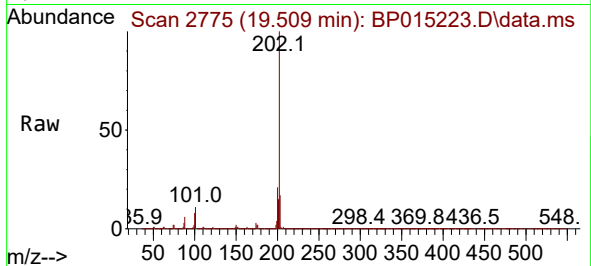




#80
Fluoranthene
Concen: 37.741 ng/ul
RT: 19.509 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

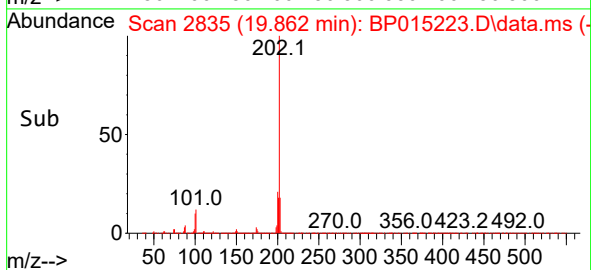
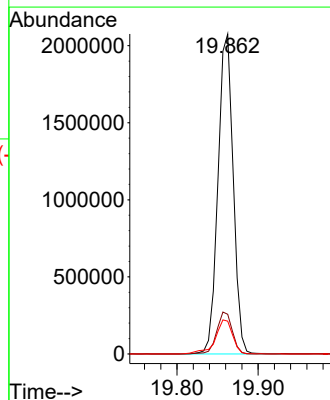
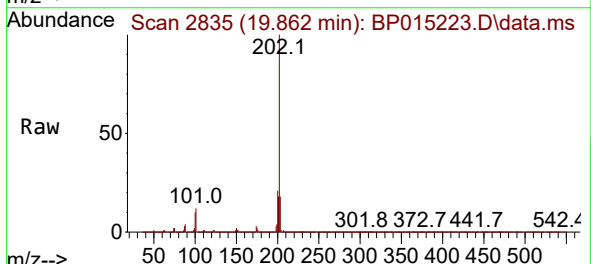
Instrument :
BNA_P
ClientSampleId :
SLCS888

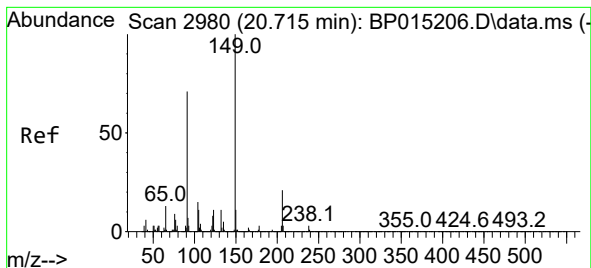
Tgt Ion:202 Resp: 2734805
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.3 7.3 10.9



#82
Pyrene
Concen: 36.202 ng/ul
RT: 19.862 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:202 Resp: 2708972
Ion Ratio Lower Upper
202 100
101 12.4 11.2 16.8
100 10.3 9.0 13.6





#83

Butylbenzylphthalate

Concen: 37.154 ng/ul

RT: 20.715 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

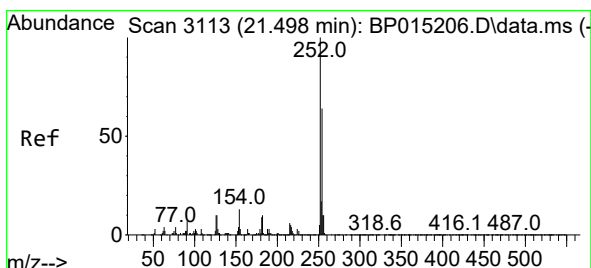
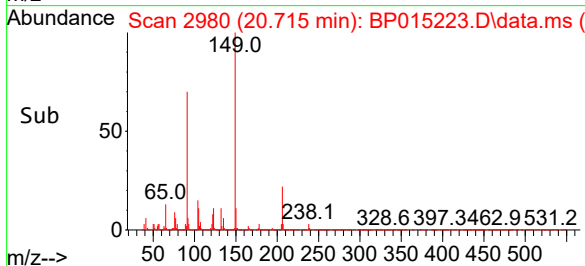
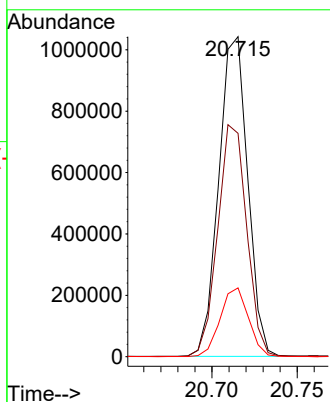
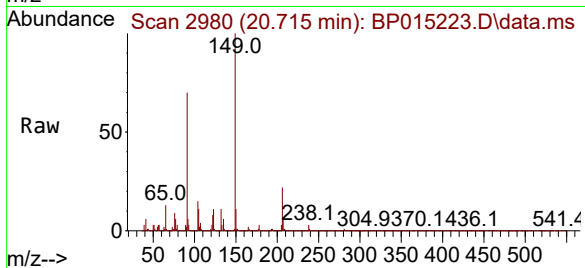
Tgt Ion:149 Resp: 1232544

Ion Ratio Lower Upper

149 100

91 69.8 57.4 86.2

206 21.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.369 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

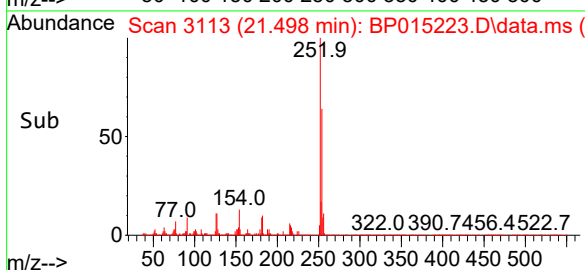
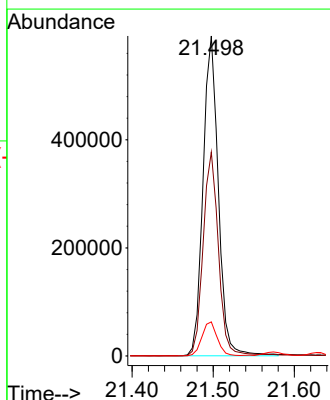
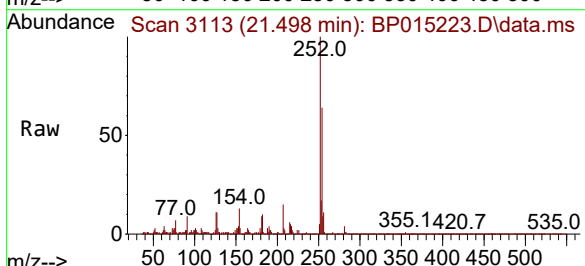
Tgt Ion:252 Resp: 773738

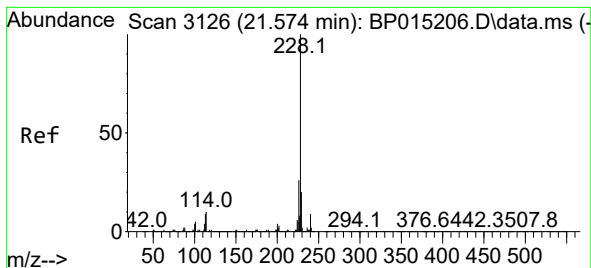
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 10.6 9.8 14.8





#85

Benzo(a)anthracene

Concen: 32.666 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

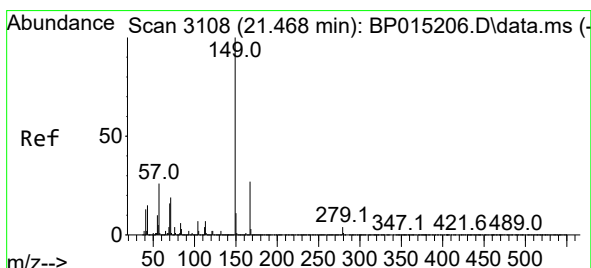
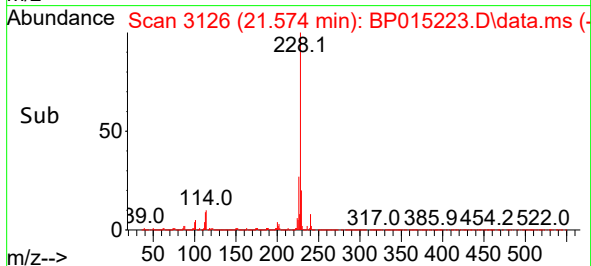
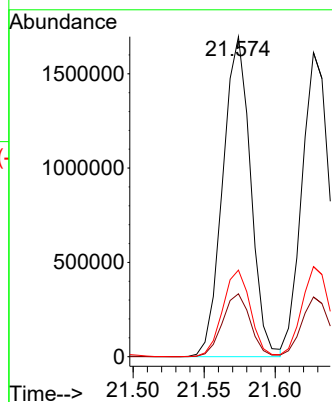
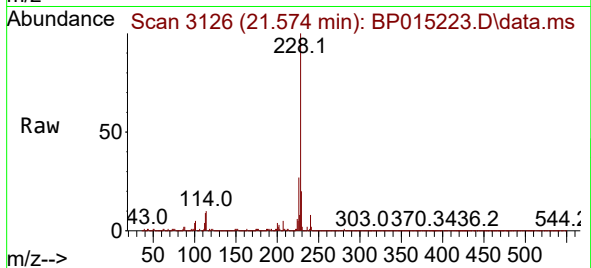
Tgt Ion:228 Resp: 2315314

Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

226 27.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.547 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

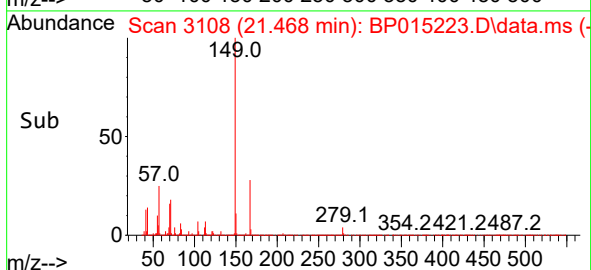
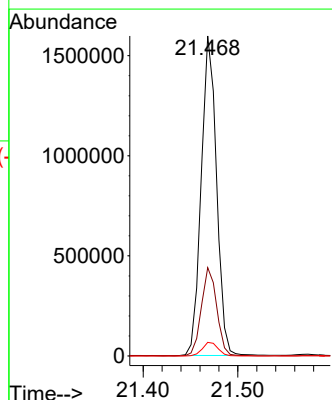
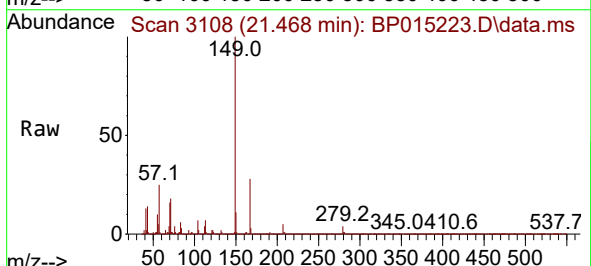
Tgt Ion:149 Resp: 1793227

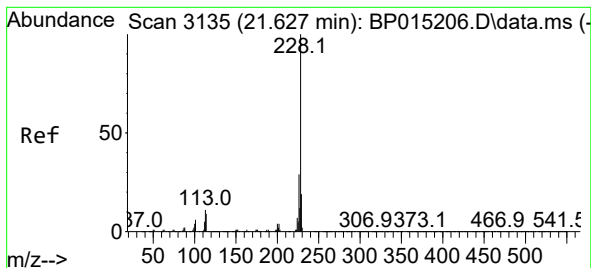
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.2 3.2 4.8





#87

Chrysene

Concen: 32.009 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

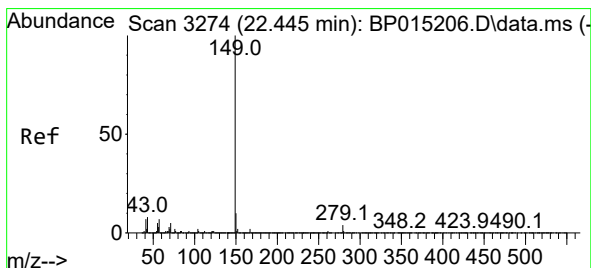
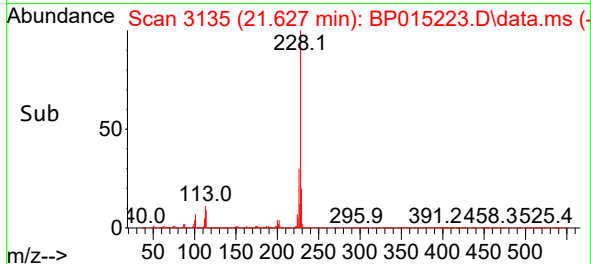
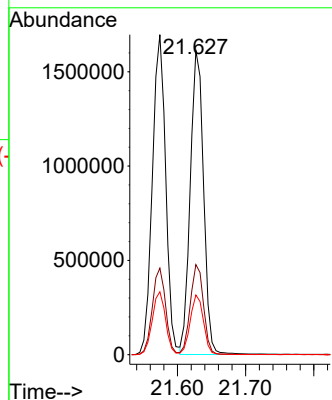
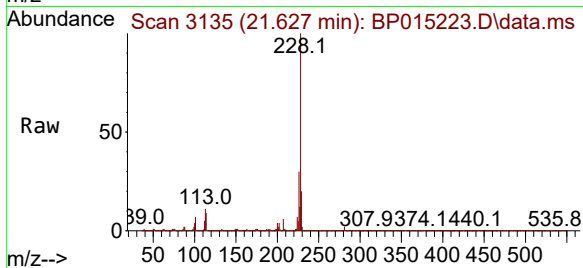
Tgt Ion:228 Resp: 2168763

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 36.509 ng/ul

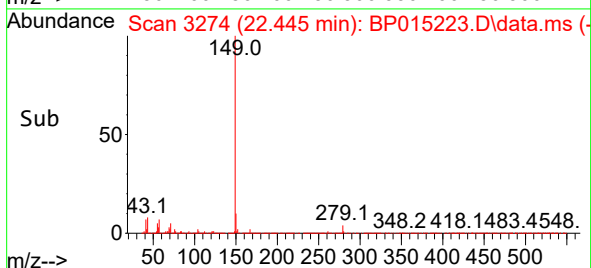
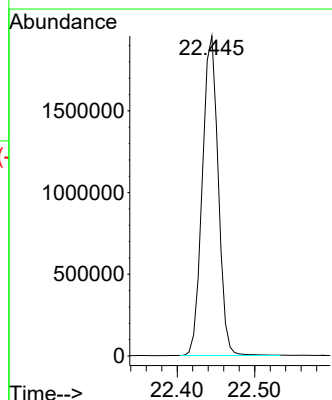
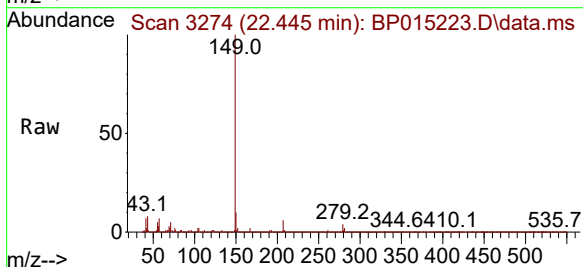
RT: 22.445 min Scan# 3274

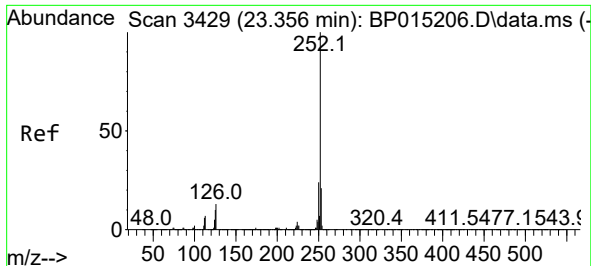
Delta R.T. -0.006 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Tgt Ion:149 Resp: 2783187

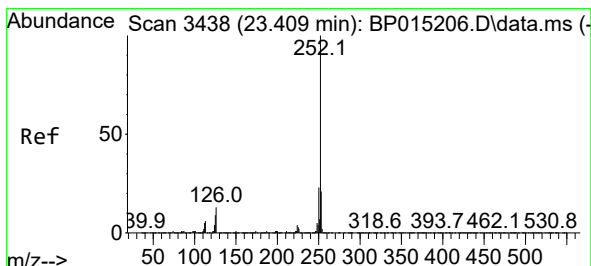
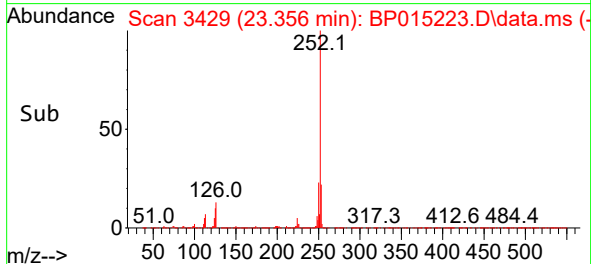
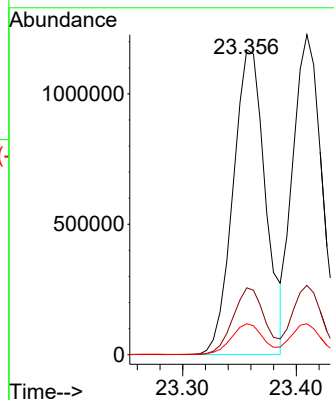
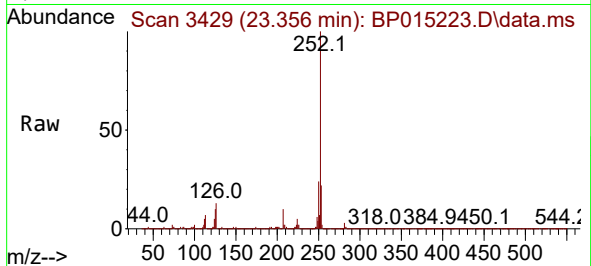




#90
Benzo(b)fluoranthene
Concen: 32.861 ng/ul
RT: 23.356 min Scan# 3429
Delta R.T. -0.012 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

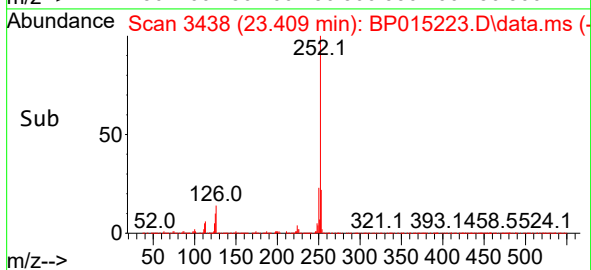
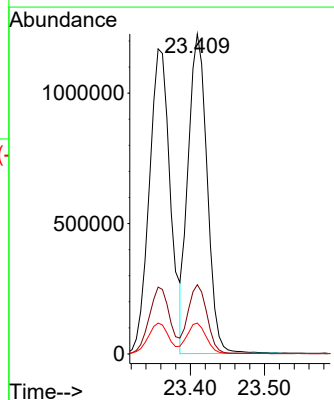
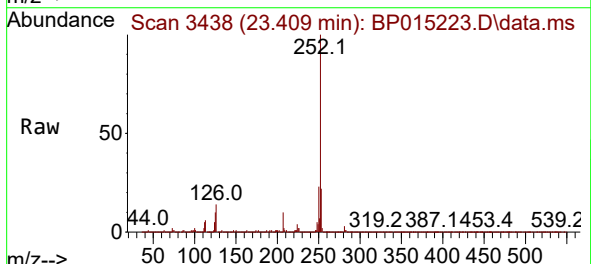
Instrument :
BNA_P
ClientSampleId :
SLCS888

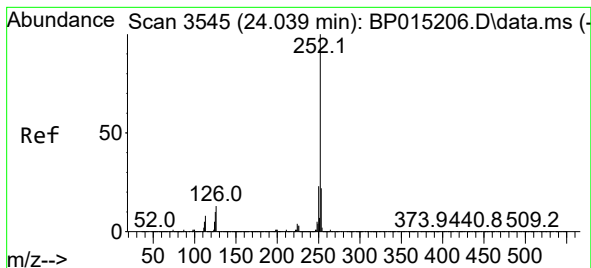
Tgt Ion:252 Resp: 2318816
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.1 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 32.131 ng/ul
RT: 23.409 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015223.D
Acq: 22 May 2023 19:31

Tgt Ion:252 Resp: 2177072
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.6 8.5 12.7





#93

Benzo(a)pyrene

Concen: 31.755 ng/ul

RT: 24.033 min Scan# 3545

Delta R.T. -0.012 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

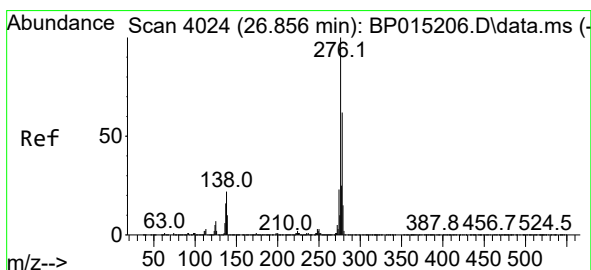
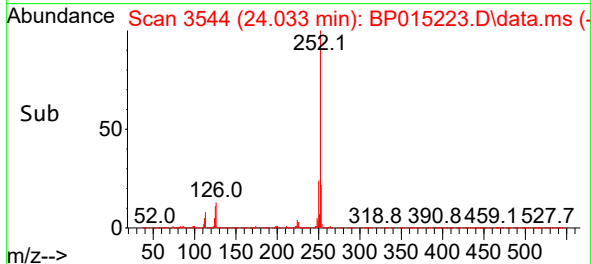
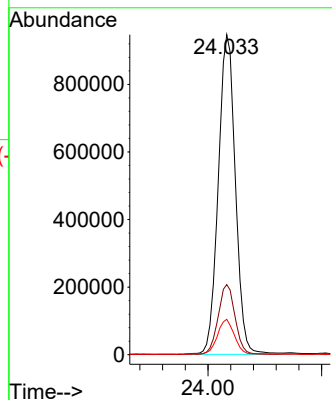
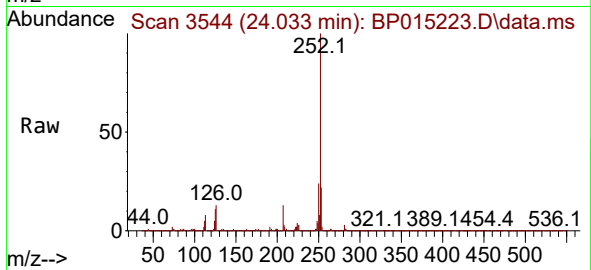
Tgt Ion:252 Resp: 1980625

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.0 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.412 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

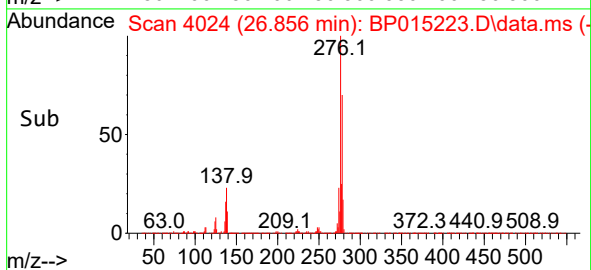
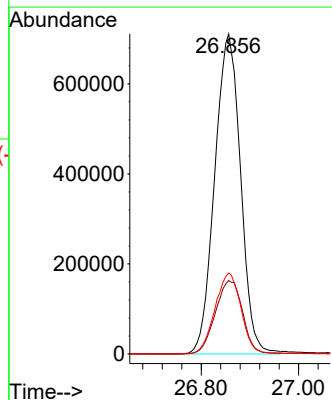
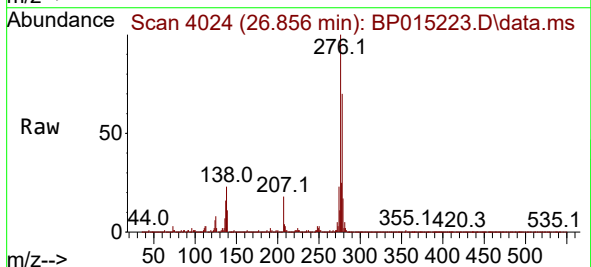
Tgt Ion:276 Resp: 2617574

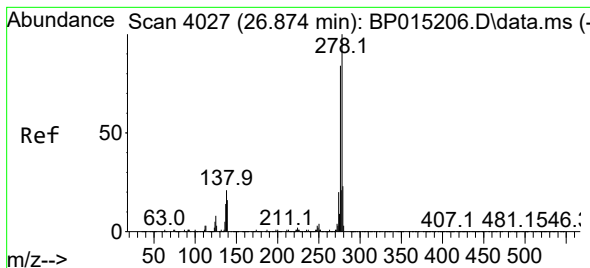
Ion Ratio Lower Upper

276 100

138 22.9 20.1 30.1

277 25.3 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 32.533 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. -0.012 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Instrument :

BNA_P

ClientSampleId :

SLCS888

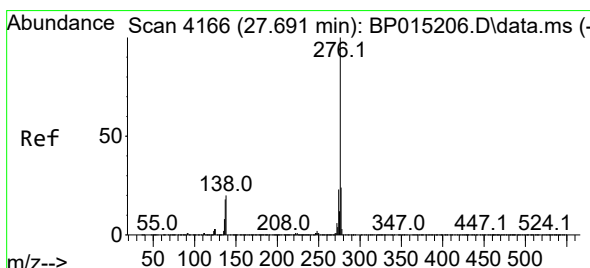
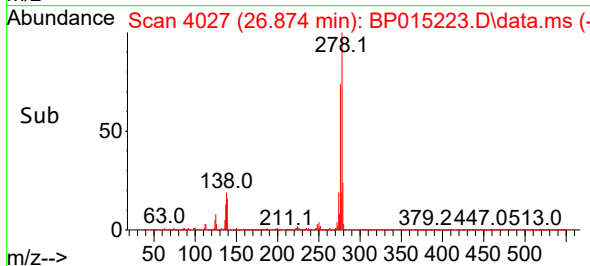
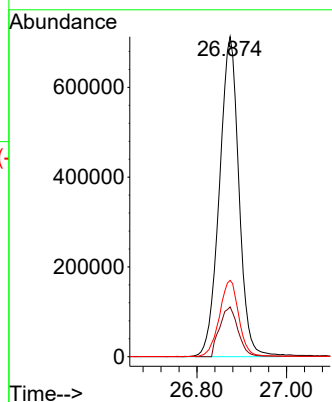
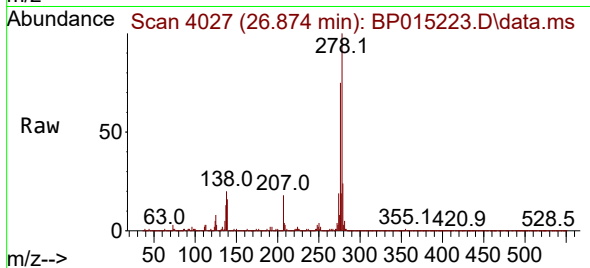
Tgt Ion:278 Resp: 2156756

Ion Ratio Lower Upper

278 100

139 15.6 13.3 19.9

279 23.9 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 32.904 ng/ul

RT: 27.691 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015223.D

Acq: 22 May 2023 19:31

Tgt Ion:276 Resp: 2166872

Ion Ratio Lower Upper

276 100

138 20.6 17.7 26.5

277 24.3 18.8 28.2

