

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016630.D
 Acq On : 17 Aug 2023 07:08
 Operator : MA/JU
 Sample : PB154791BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS791

Quant Time: Aug 17 07:40:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	187324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	43788	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	1365	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.569	188	2918217	20.000	ng/ul	0.10
79) Chrysene-d12	21.686	240	56	20.000	ng/ul	# 0.12
88) Perylene-d12	24.286	264	763	20.000	ng/ul	# 0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39405	7.993	ng/uL	0.00
4) Pyridine-d5	3.829	84	643909	42.932	ng/ul	0.00
7) Phenol-d5	7.193	99	912729	52.851	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	537269	47.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	632034	50.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	727042	52.945	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	339275	1101.164	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	360420	1231.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	671375	1165.808	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	995864	1007.859	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	2089915	21168.105	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	2421228	21727.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	469165	23326.792	ng/ul	0.01
60) Fluorene-d10	15.698	176	1796285	21341.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	294534	21.216	ng/ul	0.00
73) Anthracene-d10	17.569	188	2921906	23.148	ng/ul	0.00
81) Pyrene-d10	19.804	212	3484724	1187591.130	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	3261662	89199.588	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.429	88	88509	16.329	ng/uL	98
5) Pyridine	3.846	79	626437	40.255	ng/ul	98
6) Benzaldehyde	7.205	77	521918	54.824	ng/ul	99
8) Phenol	7.222	94	904760	49.017	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	685839	45.998	ng/ul	99
12) 2-Chlorophenol	7.605	128	631989	48.423	ng/ul	99
13) 2-Methylphenol	8.493	108	673622	50.242	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	483066	23.246	ng/ul	98
16) Acetophenone	8.905	105	1108165	49.974	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.875	70	611670	51.432	ng/ul	99
18) 4-Methylphenol	8.822	108	760632	51.619	ng/ul	97
19) Hexachloroethane	9.128	117	248809	45.630	ng/ul	99
22) Nitrobenzene	9.293	77	861004	998.251	ng/ul	99
23) Isophorone	9.811	82	1734001	1064.396	ng/ul	100
25) 2-Nitrophenol	9.999	139	376800	1126.321	ng/ul	98
26) 2,4-Dimethylphenol	10.034	107	755489	957.927	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.293	93	1016025	972.950	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	646410	1090.945	ng/ul	98
30) Naphthalene	10.940	128	2201849	962.423	ng/ul	100
32) 4-Chloroaniline	11.063	127	968205	989.305	ng/ul	100
33) Hexachlorobutadiene	11.169	225	346174	969.199	ng/ul	100
34) Caprolactam	11.881	113	267223	1159.243	ng/ul	99
35) 4-Chloro-3-methylphenol	12.157	107	823485	1137.014	ng/ul	99
36) 2-Methylnaphthalene	12.534	142	1514505	988.265	ng/ul	99

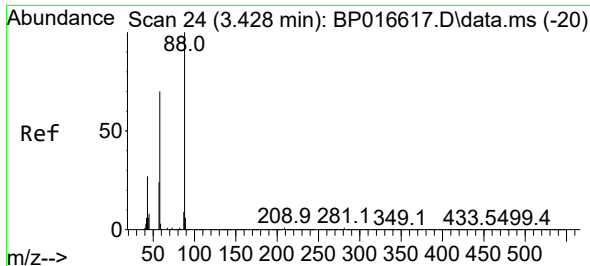
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1518034	983.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	736460	20171.472	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	315885	14219.787	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	532026	23414.479	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	593260	24086.836	ng/ul	98
43) 1,1'-Biphenyl	13.540	154	2041748	20123.261	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1590010	20141.313	ng/ul	99
45) 2-Nitroaniline	13.816	65	578340	24229.559	ng/ul	94
47) Dimethylphthalate	14.163	163	2085327	20658.074	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	435357	24899.442	ng/ul	98
50) Acenaphthylene	14.434	152	2586847	19711.184	ng/ul	99
51) 3-Nitroaniline	14.640	138	503878	25701.930	ng/ul	97
52) Acenaphthene	14.769	153	1776517	20221.940	ng/ul	98
53) 2,4-Dinitrophenol	14.840	184	178570	18345.772	ng/ul	94
55) 4-Nitrophenol	14.922	109	369550	22601.353	ng/ul	99
56) Dibenzofuran	15.104	168	2440767	20363.376	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	641717	24509.004	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	508489	24640.813	ng/ul	98
59) Diethylphthalate	15.516	149	2181984	21141.027	ng/ul	99
61) Fluorene	15.757	166	2040056	20757.205	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.746	204	944491	20472.152	ng/ul	97
63) 4-Nitroaniline	15.810	138	522201	27833.551	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	298996	19.424	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1756173	22.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	586720	22.518	ng/ul	97
69) Hexachlorobenzene	16.734	284	677368	22.249	ng/ul	98
70) Atrazine	16.922	200	627546	22.051	ng/ul	99
72) Phenanthrene	17.610	178	3381867	21.997	ng/ul	100
74) Anthracene	17.610	178	3378871	21.880	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	740666	19.972	ng/uL	98
76) Pentachlorobenzene	14.999	250	732319	22.008	ng/uL	99
77) Carbazole	17.887	167	3320615	23.333	ng/ul	99
78) Di-n-butylphthalate	18.398	149	4034420	24.489	ng/ul	99
80) Fluoranthene	19.475	202	4134858	1180676.984	ng/ul	100
82) Pyrene	19.834	202	4244728	1147817.404	ng/ul	97
83) Butylbenzylphthalate	20.686	149	2022003	1357267.816	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	1411618	1157602.822	ng/ul	98
85) Benzo(a)anthracene	21.610	228	3939349	1046704.792	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.428	149	2996537	1385942.714	ng/ul	98
87) Chrysene	21.610	228	3934019	1117044.639	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	5212445	109482.544	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	3939693	86717.961	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	3932930	87262.090	ng/ul	98
93) Benzo(a)pyrene	24.039	252	3411590	79605.804	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	3865595	76424.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	3237320	76908.947	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	3038274	75473.968	ng/ul	98

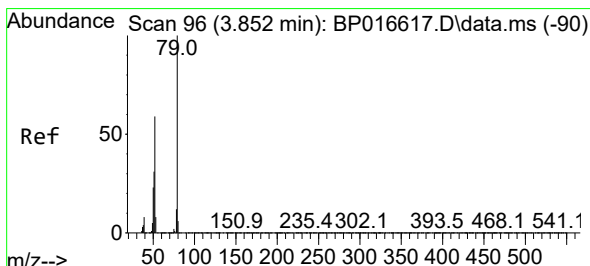
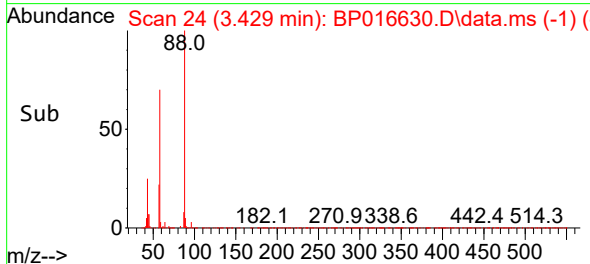
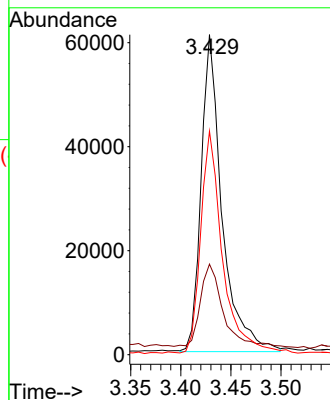
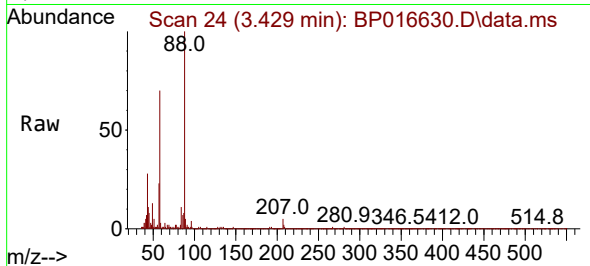
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#2
 1,4-Dioxane
 Concen: 16.329 ng/uL
 RT: 3.429 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BP016630.D
 Acq: 17 Aug 2023 07:08

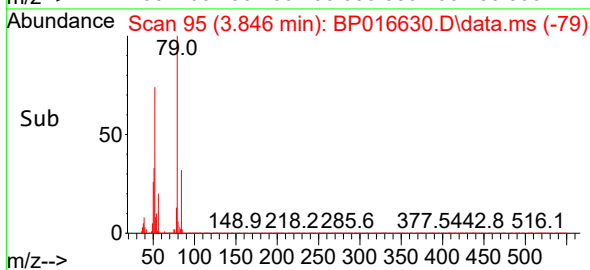
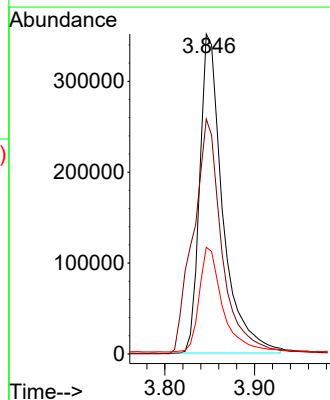
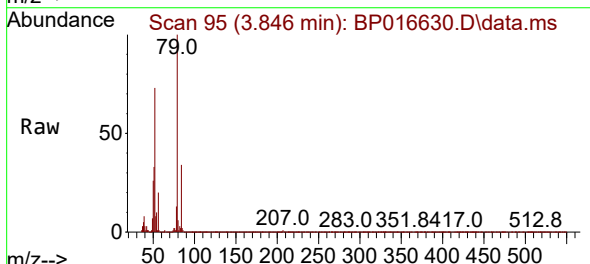
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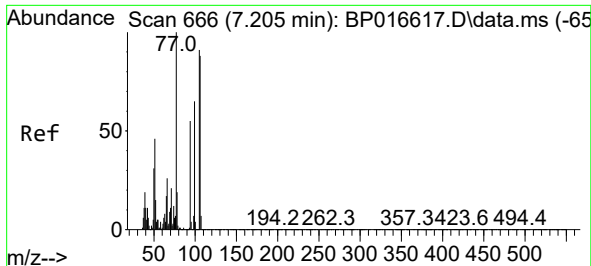
Tgt Ion: 88 Resp: 88509
 Ion Ratio Lower Upper
 88 100
 43 28.3 23.5 35.3
 58 69.9 57.1 85.7



#5
 Pyridine
 Concen: 40.255 ng/uL
 RT: 3.846 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BP016630.D
 Acq: 17 Aug 2023 07:08

Tgt Ion: 79 Resp: 626437
 Ion Ratio Lower Upper
 79 100
 52 73.4 56.6 84.8
 51 33.3 26.9 40.3

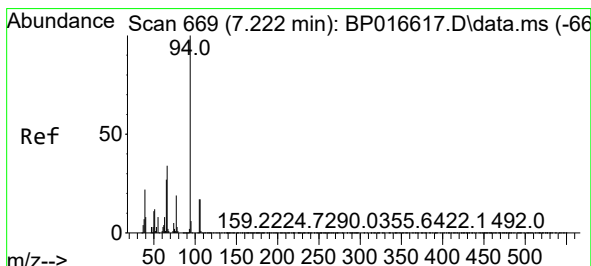
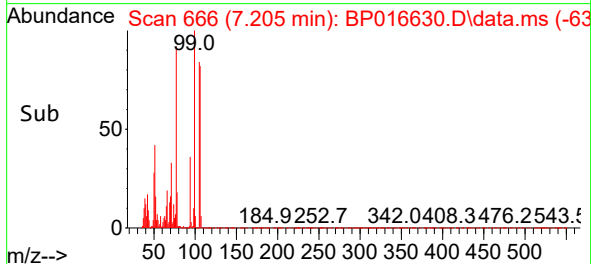
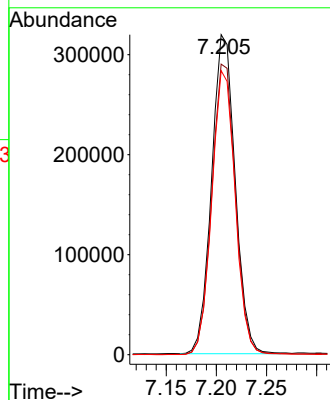
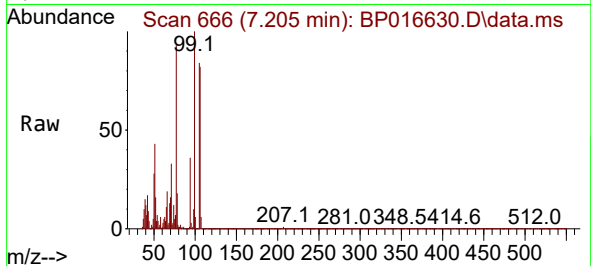




#6
Benzaldehyde
Concen: 54.824 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

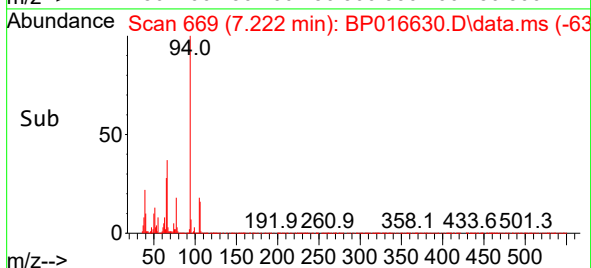
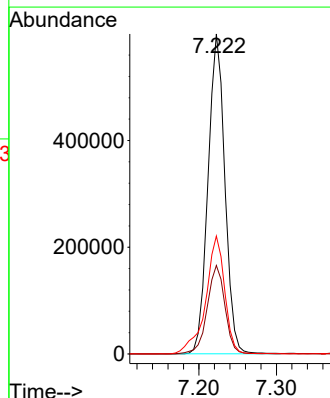
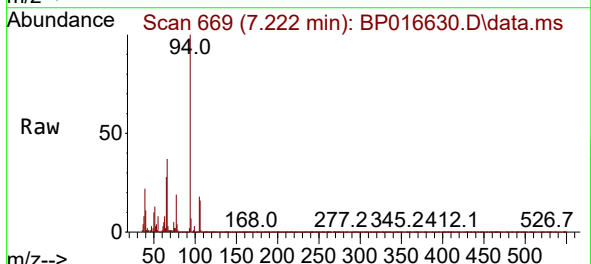
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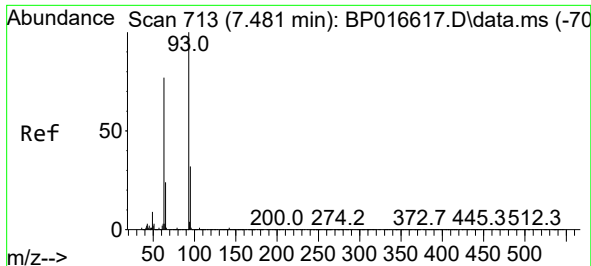
Tgt Ion: 77 Resp: 521918
Ion Ratio Lower Upper
77 100
105 90.8 71.8 107.6
106 88.7 70.2 105.2



#8
Phenol
Concen: 49.017 ng/ul
RT: 7.222 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion: 94 Resp: 904760
Ion Ratio Lower Upper
94 100
65 27.7 22.3 33.5
66 36.9 28.7 43.1

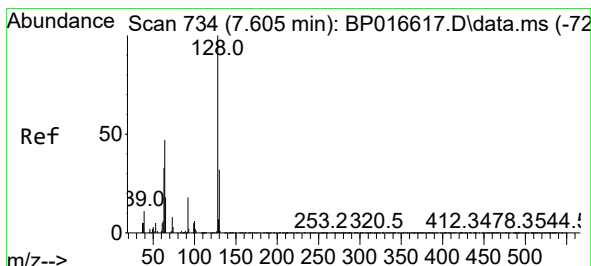
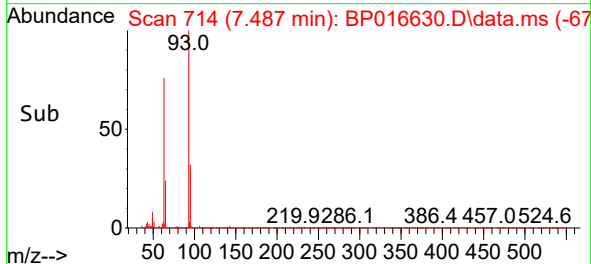
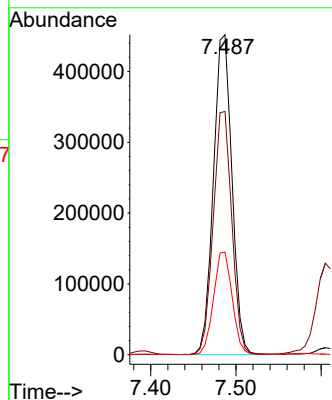
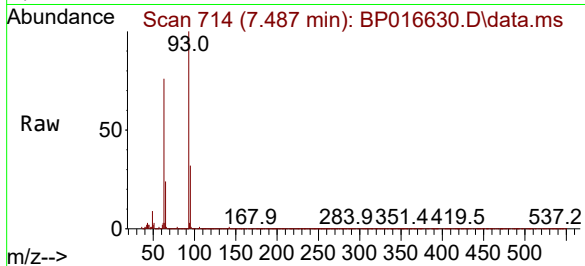




#10
Bis(2-Chloroethyl)ether
Concen: 45.998 ng/ul
RT: 7.487 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

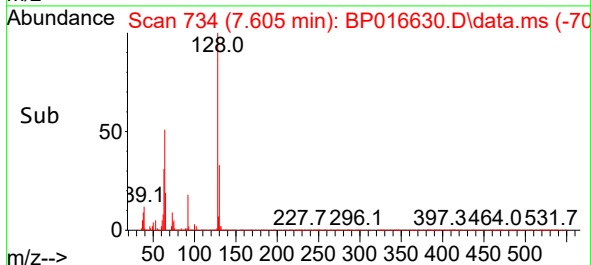
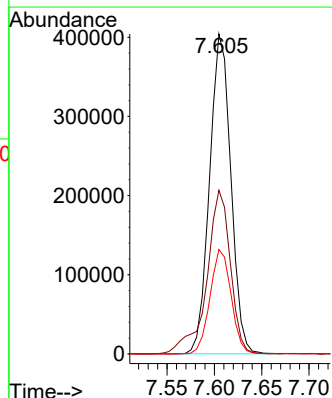
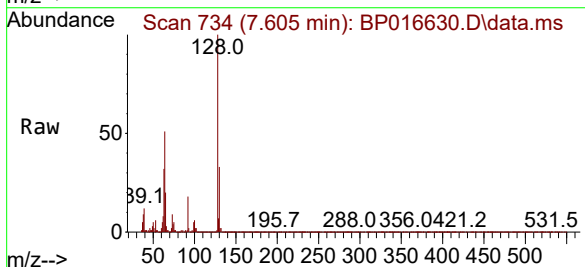
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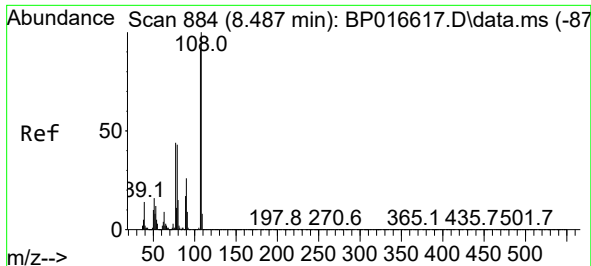
Tgt Ion: 93 Resp: 685839
Ion Ratio Lower Upper
93 100
63 76.0 60.1 90.1
95 32.0 25.4 38.2



#12
2-Chlorophenol
Concen: 48.423 ng/ul
RT: 7.605 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion: 128 Resp: 631989
Ion Ratio Lower Upper
128 100
64 51.1 41.4 62.0
130 32.7 26.0 39.0





#13

2-Methylphenol

Concen: 50.242 ng/ul

RT: 8.493 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

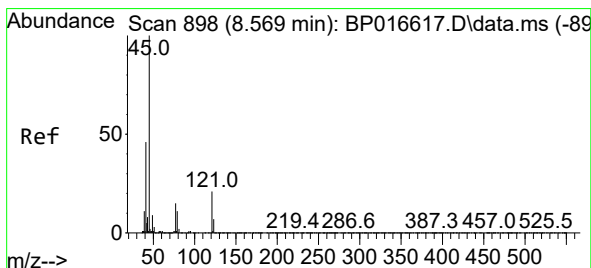
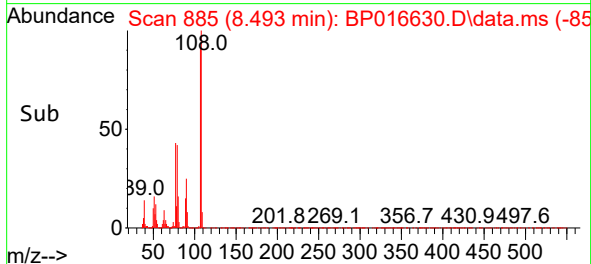
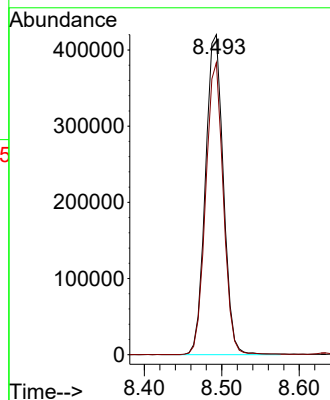
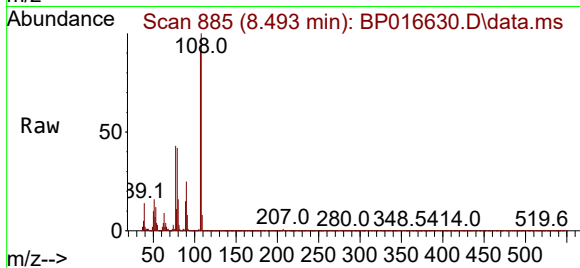
SLCS791

Tgt Ion:108 Resp: 673622

Ion Ratio Lower Upper

108 100

107 91.3 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.246 ng/ul

RT: 8.569 min Scan# 898

Delta R.T. 0.000 min

Lab File: BP016630.D

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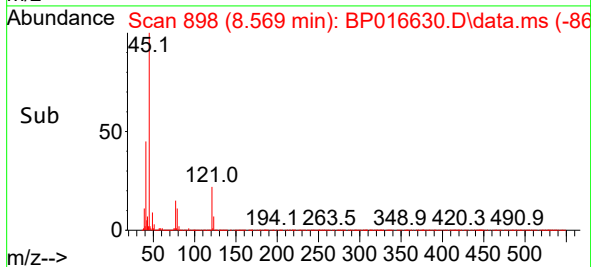
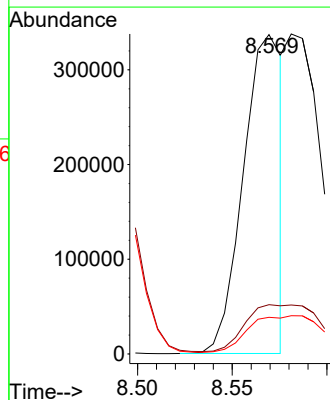
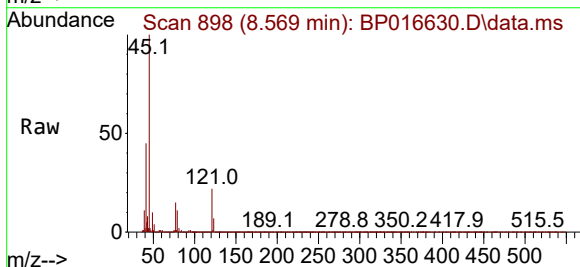
Tgt Ion: 45 Resp: 483066

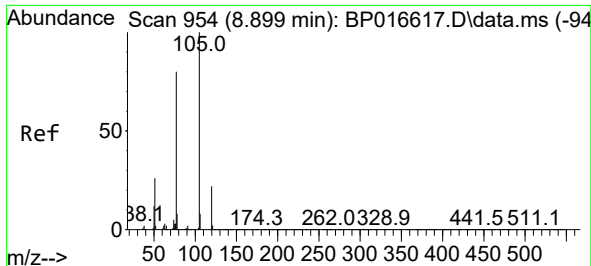
Ion Ratio Lower Upper

45 100

77 15.4 12.1 18.1

79 11.5 8.2 12.4

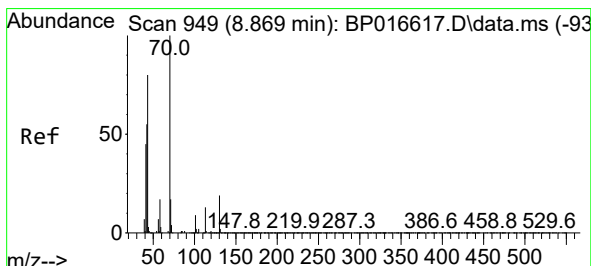
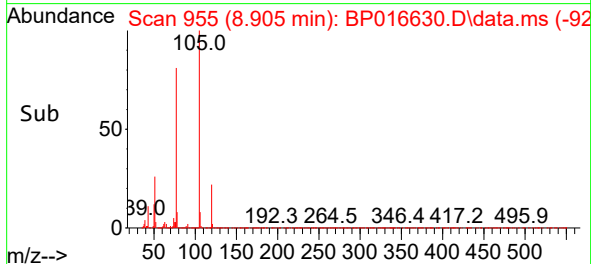
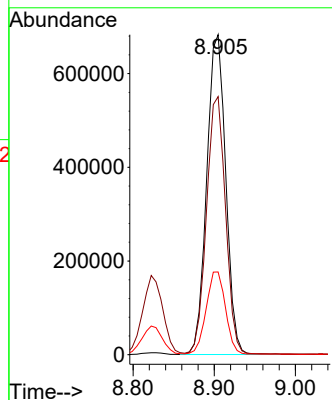
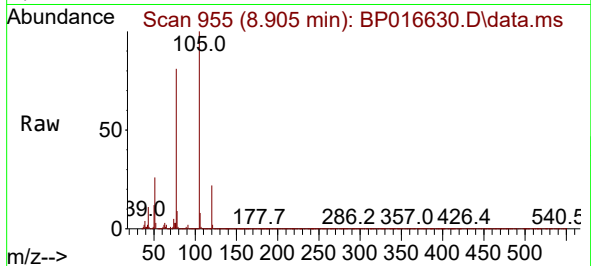




#16
Acetophenone
Concen: 49.974 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

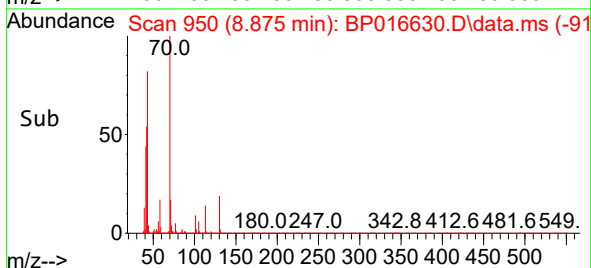
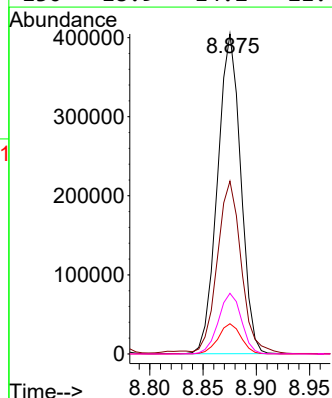
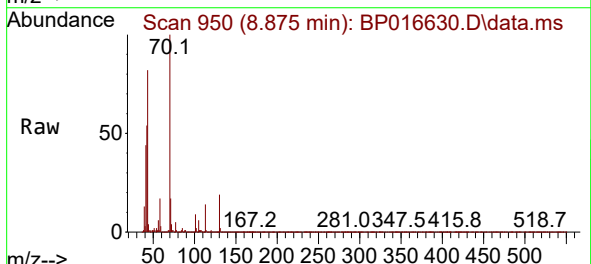
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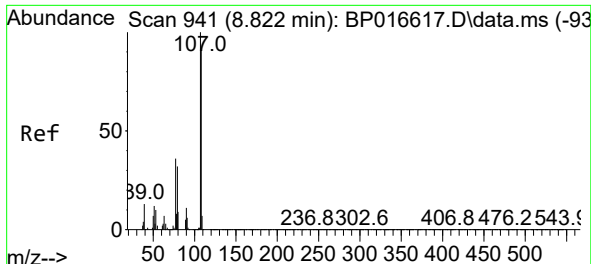
Tgt Ion:105 Resp: 1108165
Ion Ratio Lower Upper
105 100
77 80.7 64.4 96.6
51 25.9 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 51.432 ng/ul
RT: 8.875 min Scan# 950
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion: 70 Resp: 611670
Ion Ratio Lower Upper
70 100
42 54.0 43.0 64.4
101 9.5 6.8 10.2
130 18.9 14.2 21.4

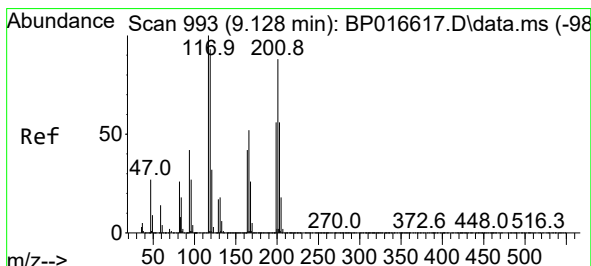
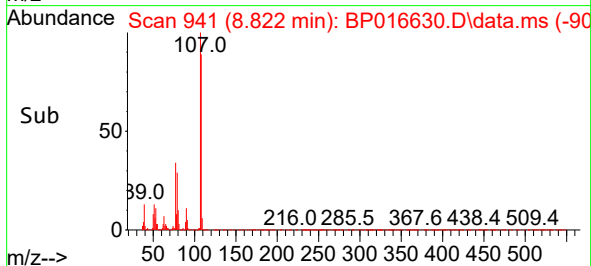
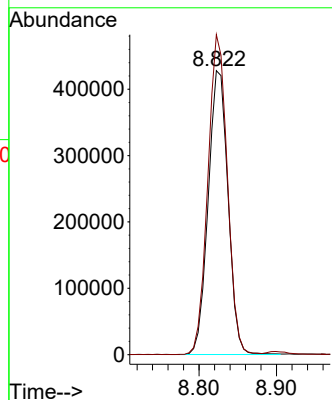
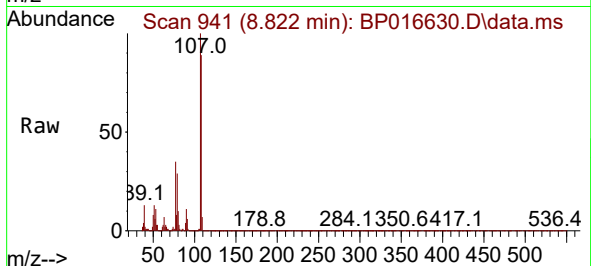




#18
4-Methylphenol
Concen: 51.619 ng/ul
RT: 8.822 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

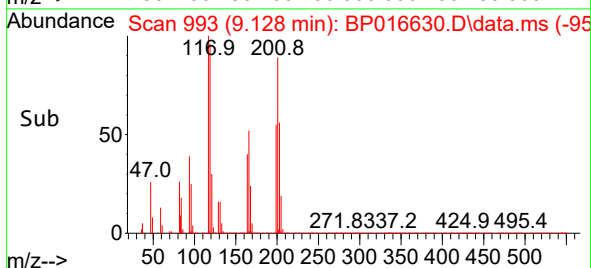
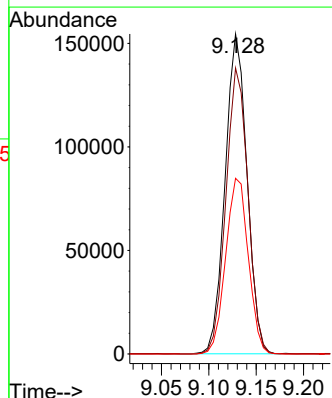
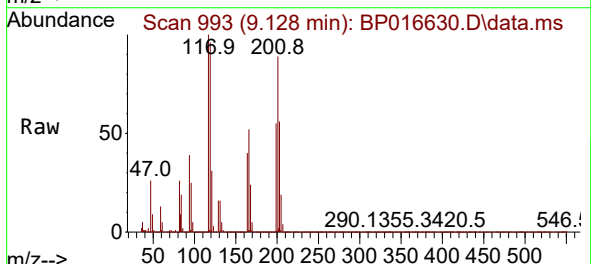
Instrument :
BNA_P
ClientSampleId :
SLCS791

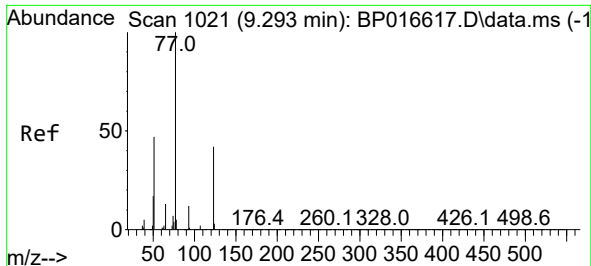
Tgt Ion:108 Resp: 760632
Ion Ratio Lower Upper
108 100
107 112.7 87.3 130.9



#19
Hexachloroethane
Concen: 45.630 ng/ul
RT: 9.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:117 Resp: 248809
Ion Ratio Lower Upper
117 100
201 89.4 71.8 107.6
199 54.9 45.2 67.8

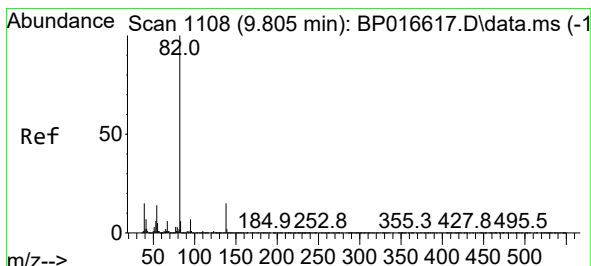
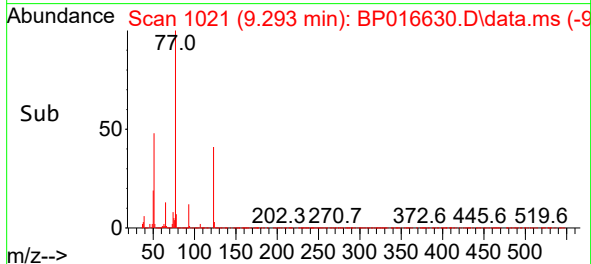
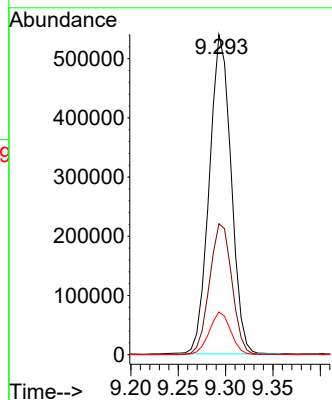
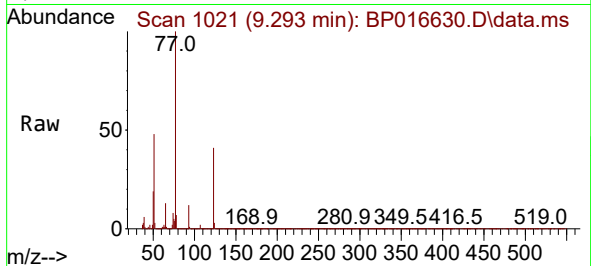




#22
Nitrobenzene
Concen: 998.251 ng/ul
RT: 9.293 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

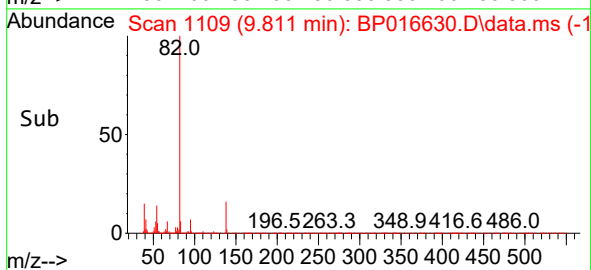
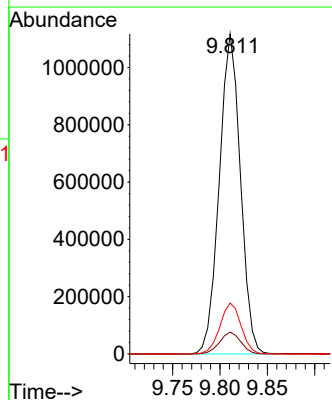
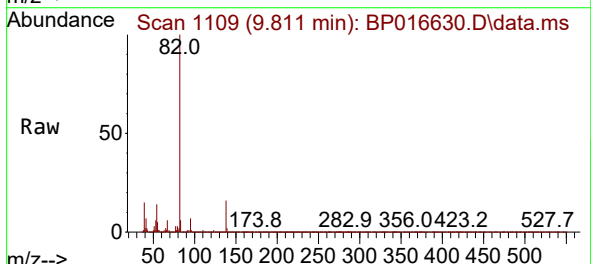
Instrument :
BNA_P
ClientSampleId :
SLCS791

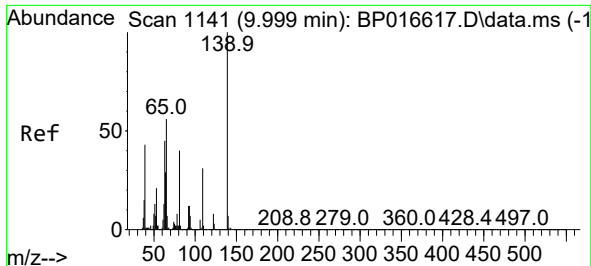
Tgt Ion: 77 Resp: 861004
Ion Ratio Lower Upper
77 100
123 40.9 32.5 48.7
65 13.4 10.3 15.5



#23
Isophorone
Concen: 1064.396 ng/ul
RT: 9.811 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion: 82 Resp: 1734001
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 15.9 12.7 19.1

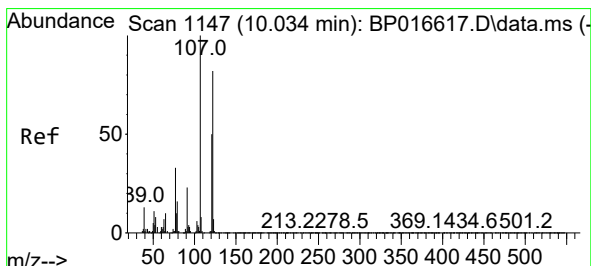
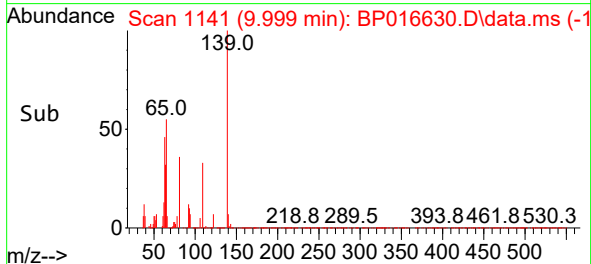
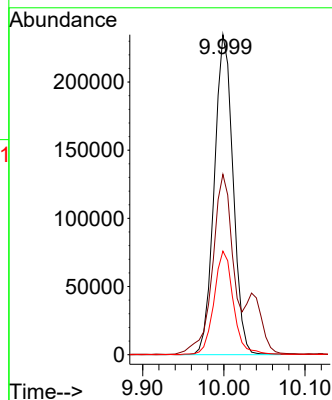
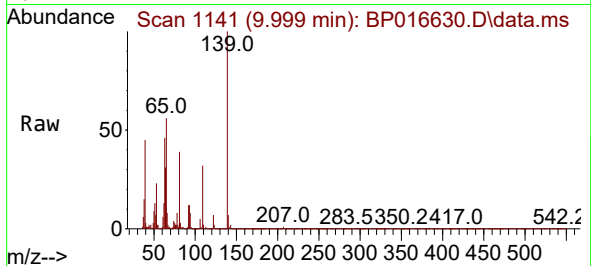




#25
2-Nitrophenol
Concen: 1126.321 ng/ul
RT: 9.999 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

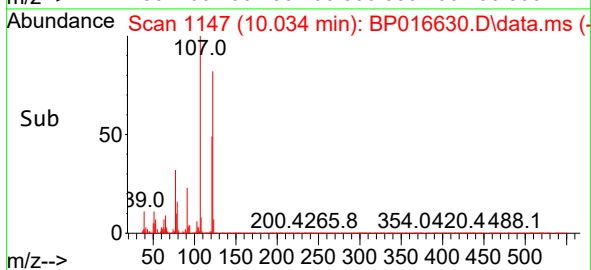
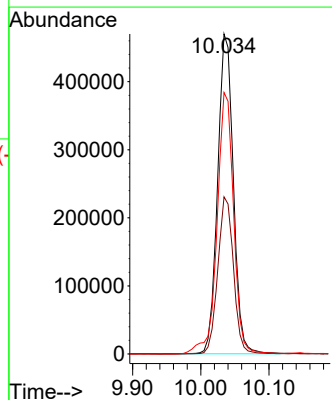
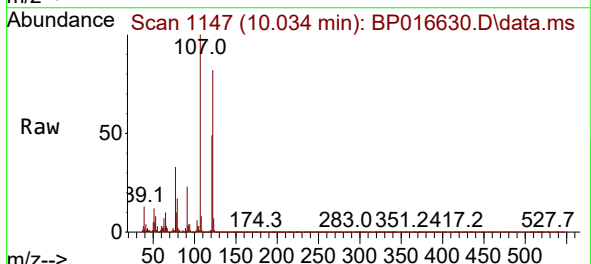
Instrument :
BNA_P
ClientSampleId :
SLCS791

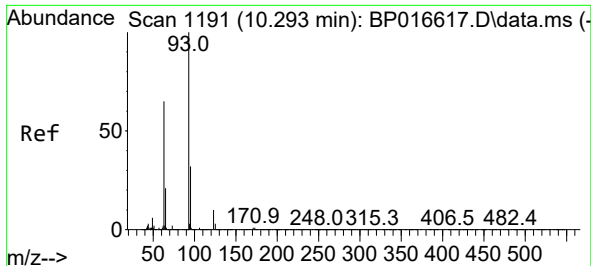
Tgt Ion:139 Resp: 376800
Ion Ratio Lower Upper
139 100
65 56.4 46.4 69.6
109 32.4 25.3 37.9



#26
2,4-Dimethylphenol
Concen: 957.927 ng/ul
RT: 10.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:107 Resp: 755489
Ion Ratio Lower Upper
107 100
121 49.1 39.1 58.7
122 81.7 66.9 100.3





#27

Bis(2-Chloroethoxy)methane

Concen: 972.950 ng/ul

RT: 10.293 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

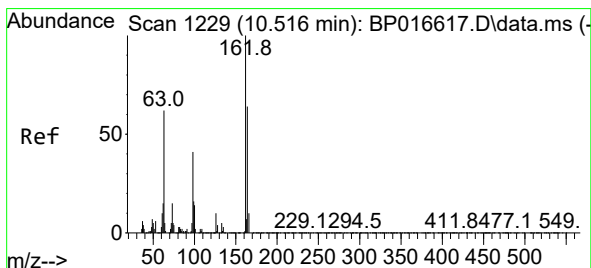
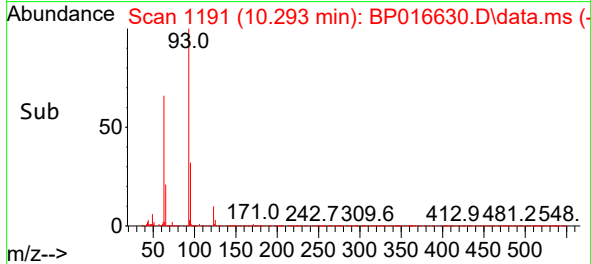
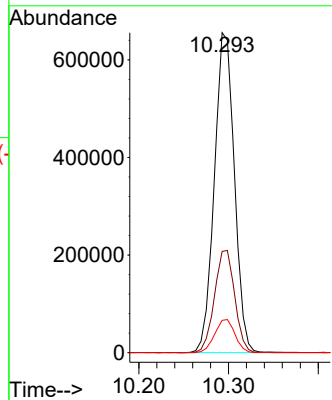
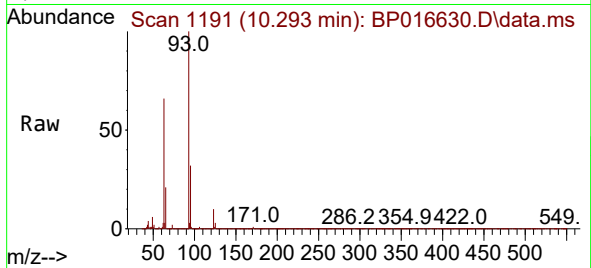
Tgt Ion: 93 Resp: 1016025

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

123 10.1 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 1090.945 ng/ul

RT: 10.522 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

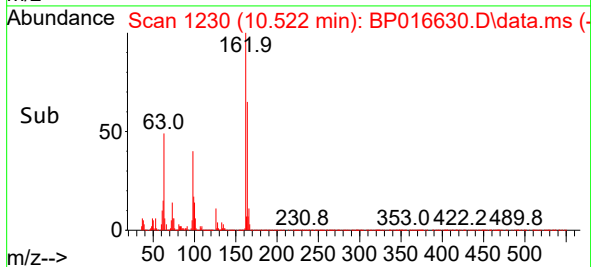
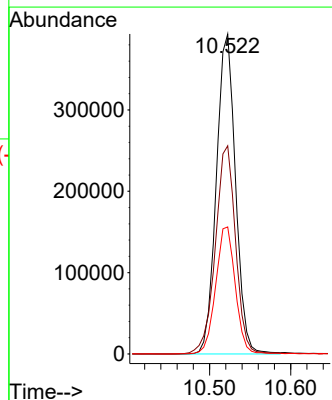
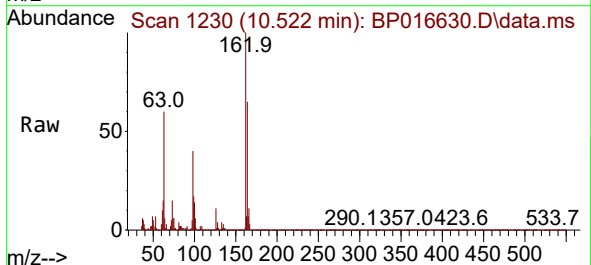
Tgt Ion:162 Resp: 646410

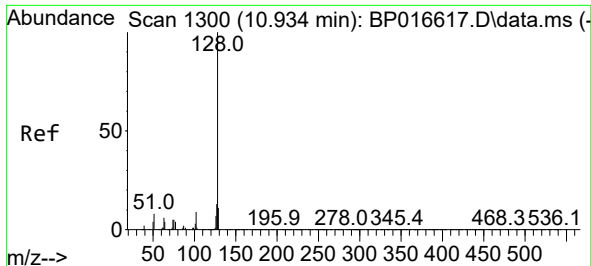
Ion Ratio Lower Upper

162 100

164 65.1 52.9 79.3

98 39.7 32.7 49.1

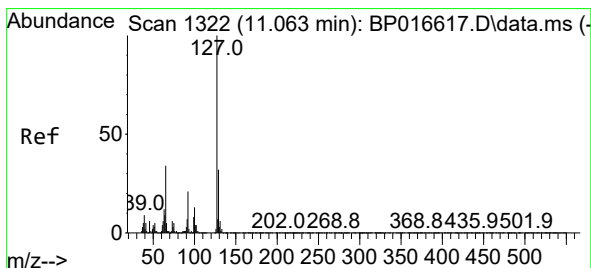
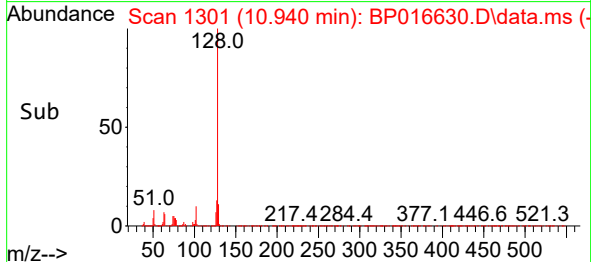
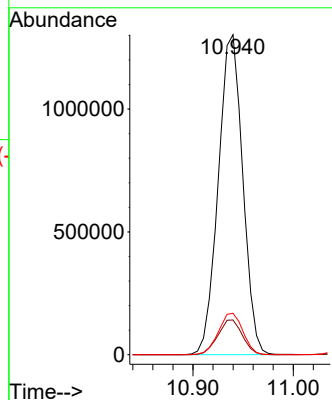
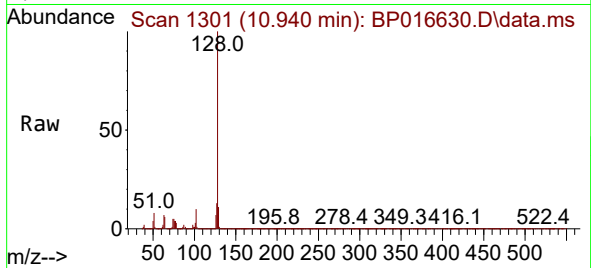




#30
Naphthalene
Concen: 962.423 ng/ul
RT: 10.940 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

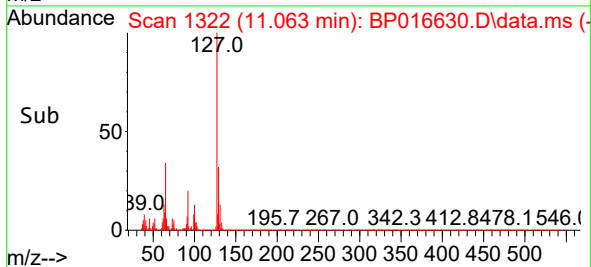
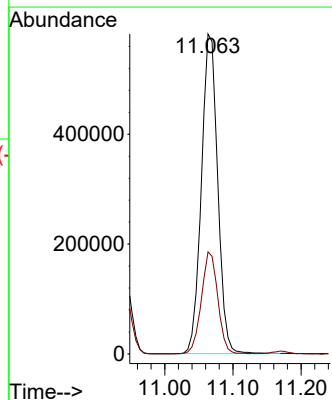
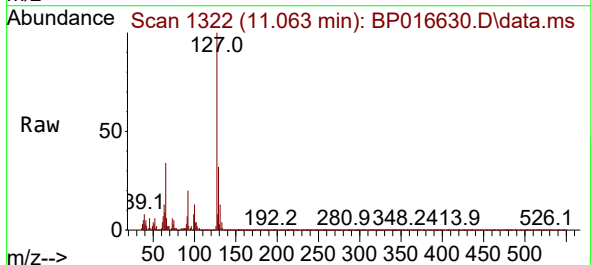
Instrument :
BNA_P
ClientSampleId :
SLCS791

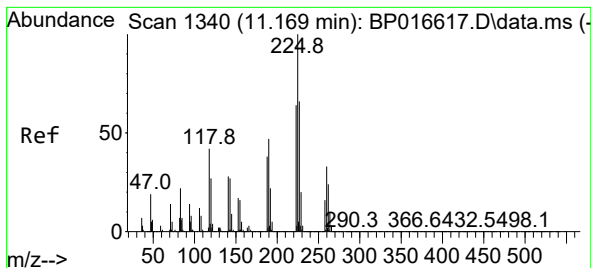
Tgt Ion:128 Resp: 2201849
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 989.305 ng/ul
RT: 11.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:127 Resp: 968205
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4





#33

Hexachlorobutadiene

Concen: 969.199 ng/ul

RT: 11.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

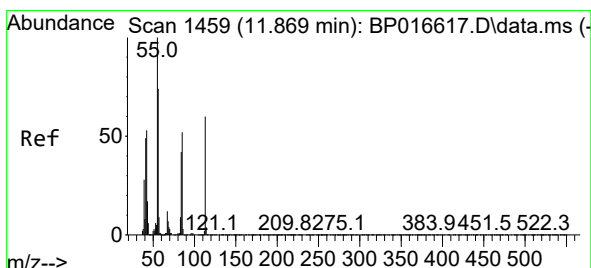
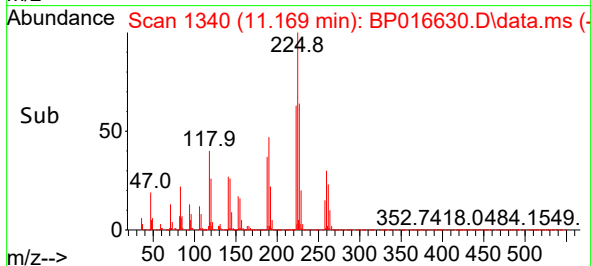
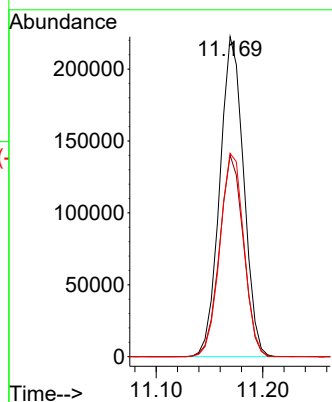
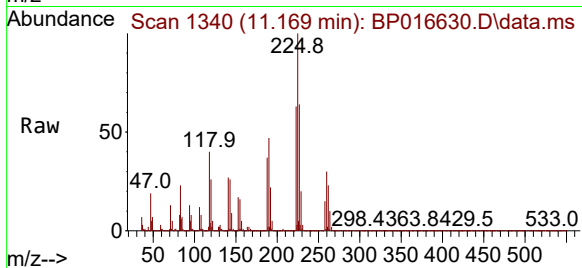
Tgt Ion:225 Resp: 346174

Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

227 63.6 50.8 76.2



#34

Caprolactam

Concen: 1159.243 ng/ul

RT: 11.881 min Scan# 1461

Delta R.T. 0.012 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

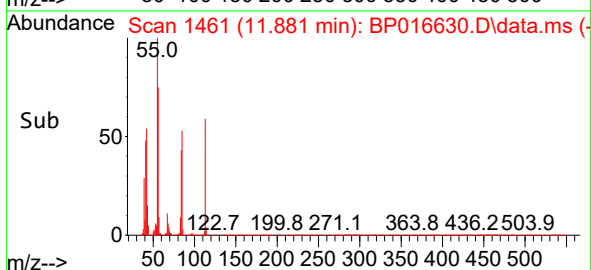
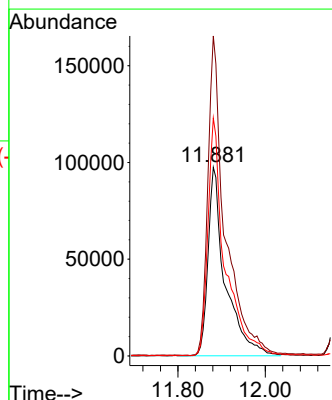
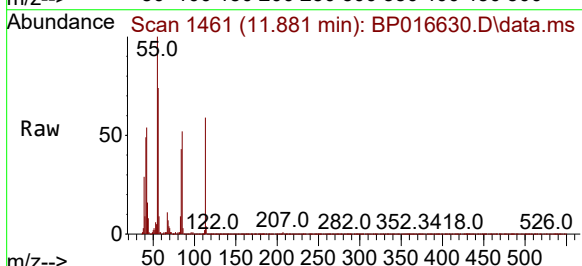
Tgt Ion:113 Resp: 267223

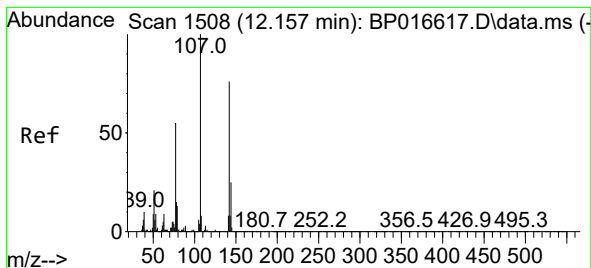
Ion Ratio Lower Upper

113 100

55 169.6 134.8 202.2

56 126.1 101.5 152.3

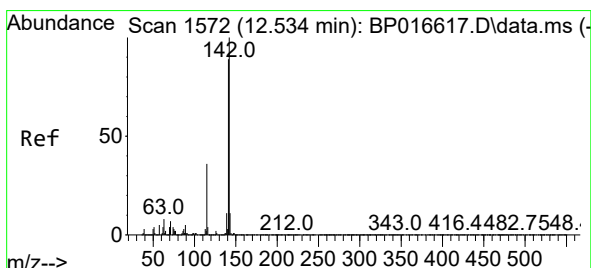
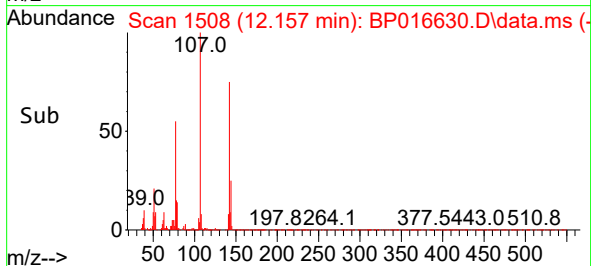
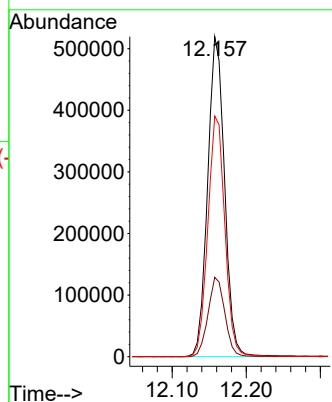
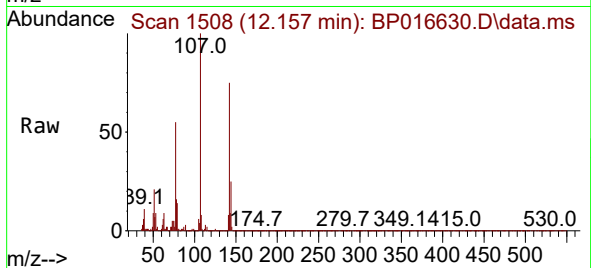




#35
4-Chloro-3-methylphenol
Concen: 1137.014 ng/ul
RT: 12.157 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

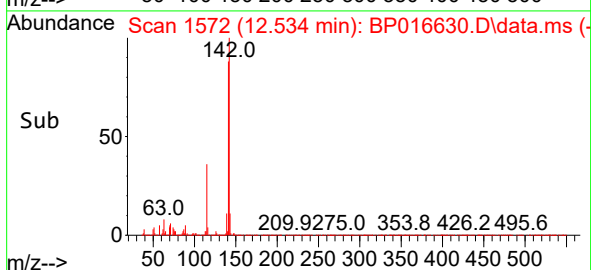
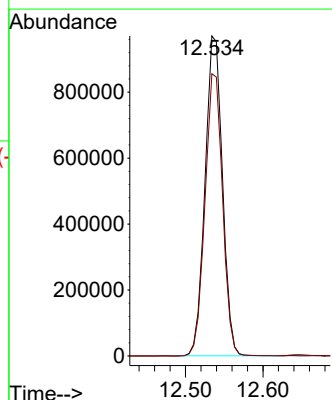
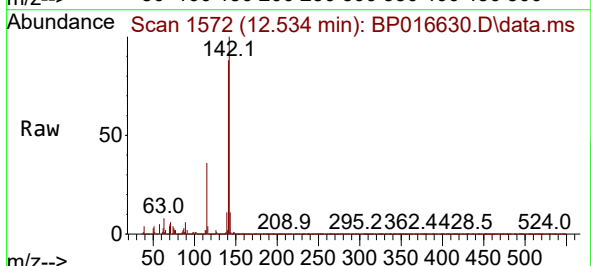
Instrument :
BNA_P
ClientSampleId :
SLCS791

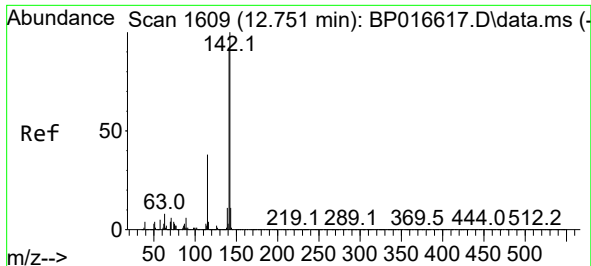
Tgt Ion:107 Resp: 823485
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.6
142 75.2 60.2 90.4



#36
2-Methylnaphthalene
Concen: 988.265 ng/ul
RT: 12.534 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:142 Resp: 1514505
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0





#37

1-Methylnaphthalene

Concen: 983.787 ng/ul

RT: 12.757 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

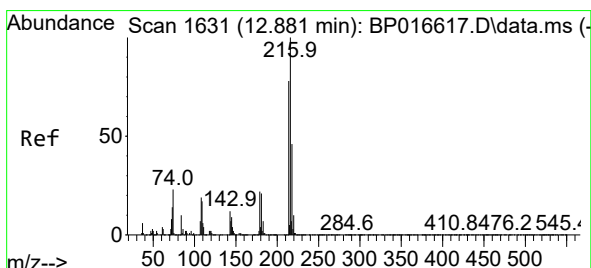
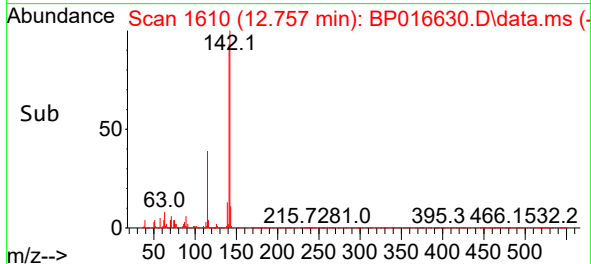
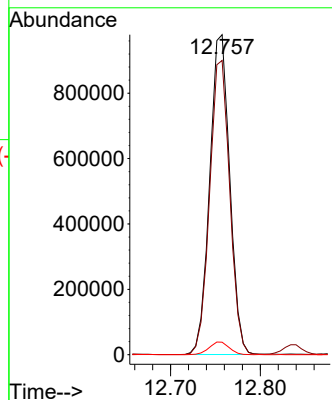
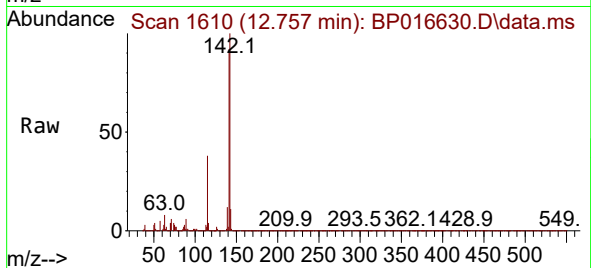
Tgt Ion:142 Resp: 1518034

Ion Ratio Lower Upper

142 100

141 91.9 74.5 111.7

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20171.472 ng/ul

RT: 12.887 min Scan# 1632

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Tgt Ion:216 Resp: 736460

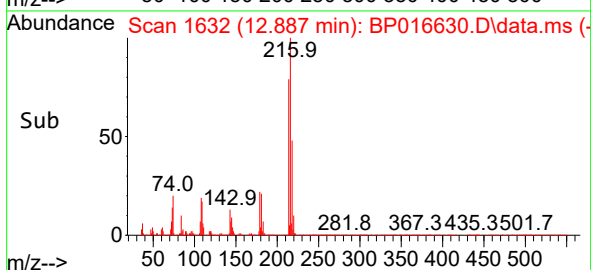
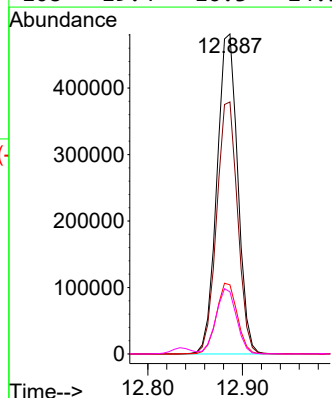
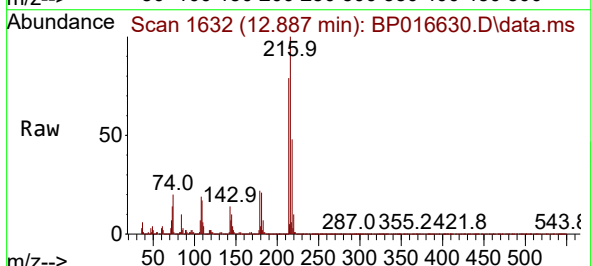
Ion Ratio Lower Upper

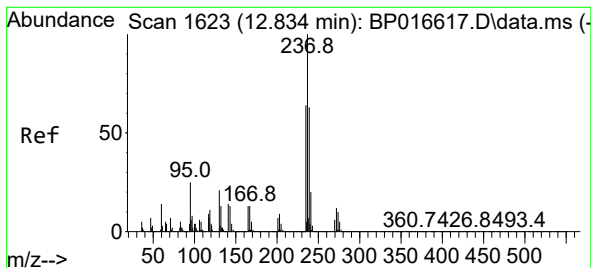
216 100

214 78.7 63.8 95.6

179 21.6 17.9 26.9

108 19.4 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 14219.787 ng/ul

RT: 12.840 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

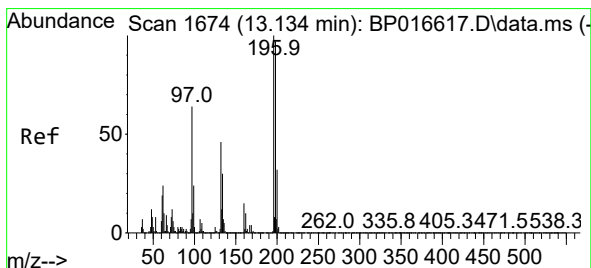
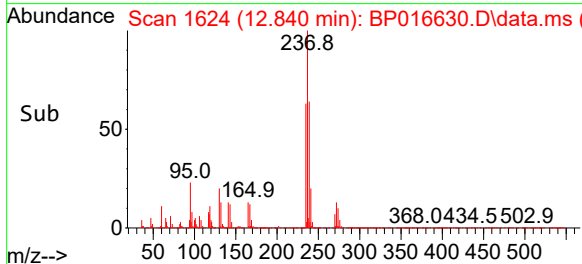
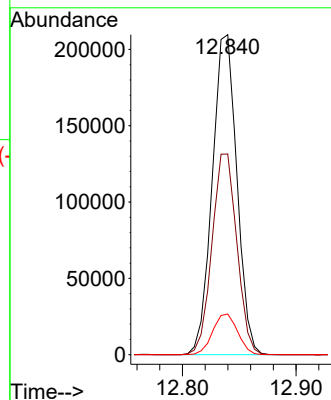
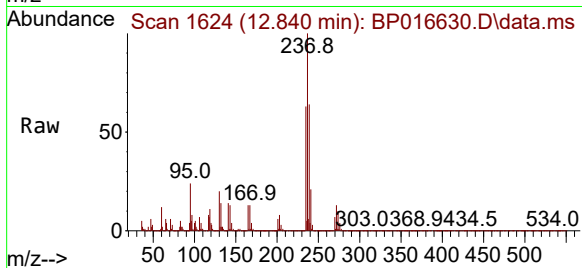
Tgt Ion:237 Resp: 315885

Ion Ratio Lower Upper

237 100

235 62.7 49.7 74.5

272 12.7 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 23414.479 ng/ul

RT: 13.134 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

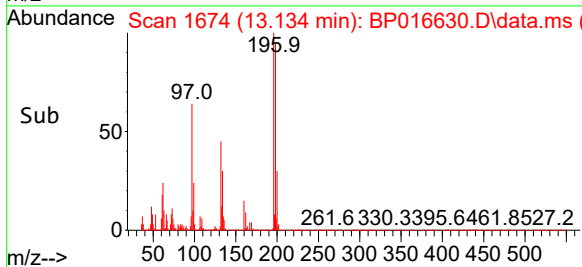
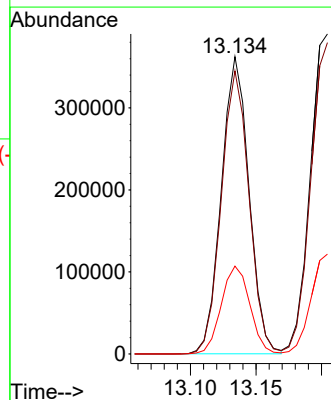
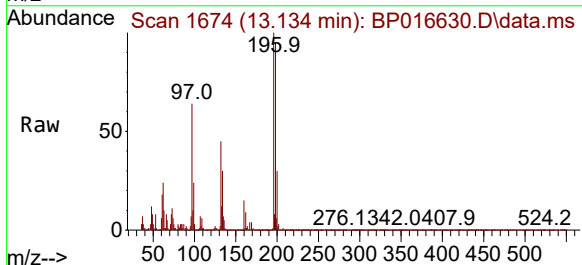
Tgt Ion:196 Resp: 532026

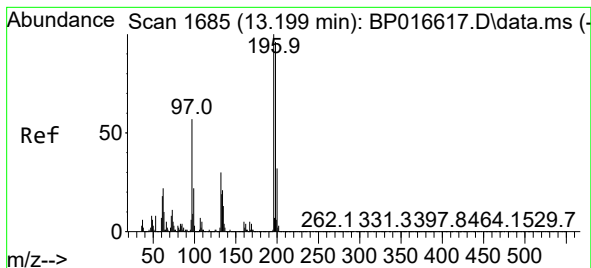
Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.4

200 29.6 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 24086.836 ng/ul

RT: 13.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

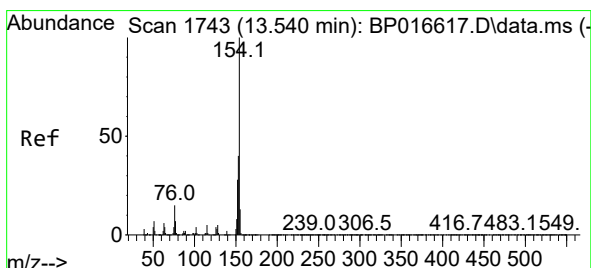
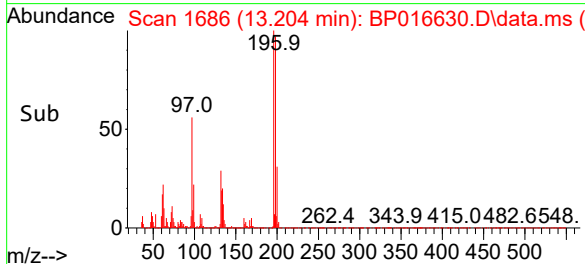
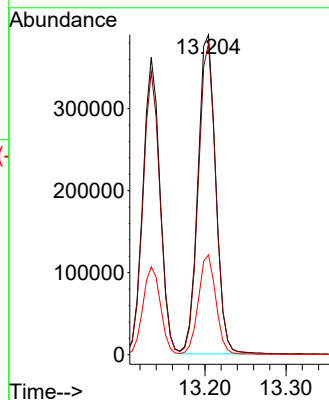
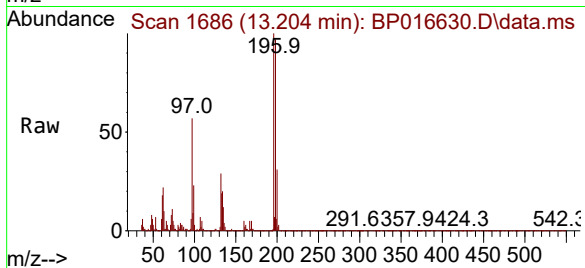
Tgt Ion:196 Resp: 593260

Ion Ratio Lower Upper

196 100

198 97.3 76.7 115.1

200 31.2 24.2 36.2



#43

1,1'-Biphenyl

Concen: 20123.261 ng/ul

RT: 13.540 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

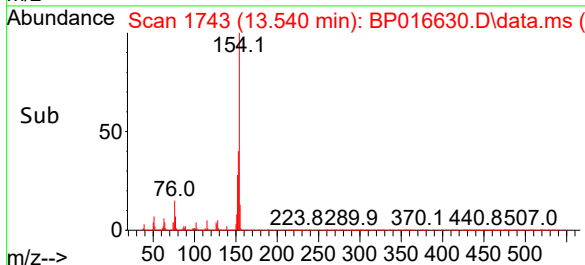
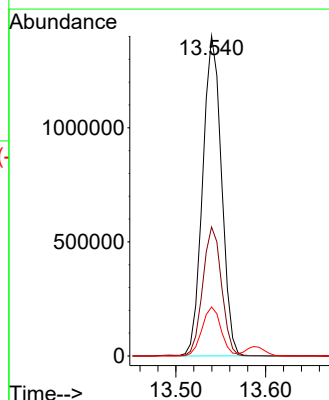
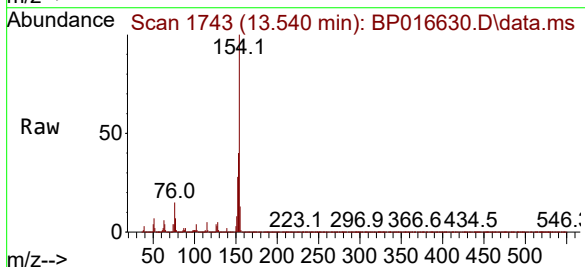
Tgt Ion:154 Resp: 2041748

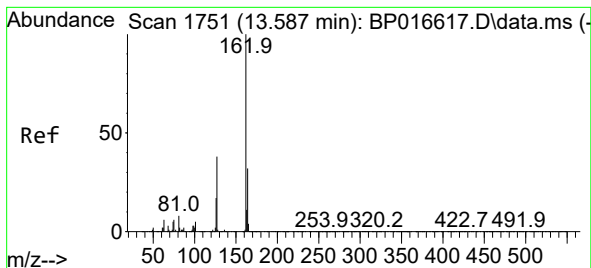
Ion Ratio Lower Upper

154 100

153 40.3 31.4 47.2

76 15.3 13.0 19.4

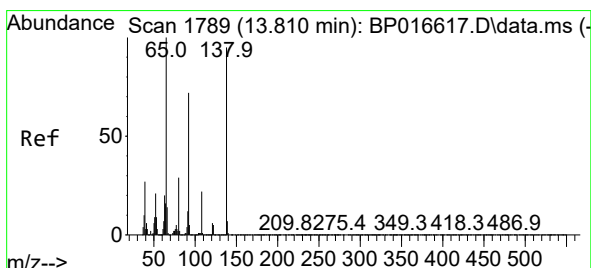
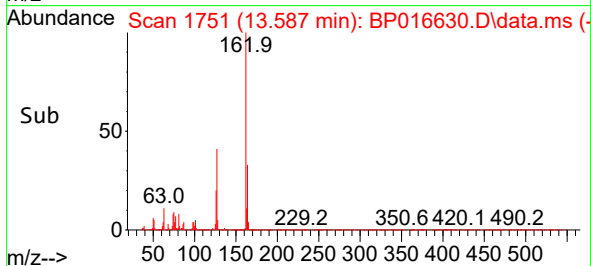
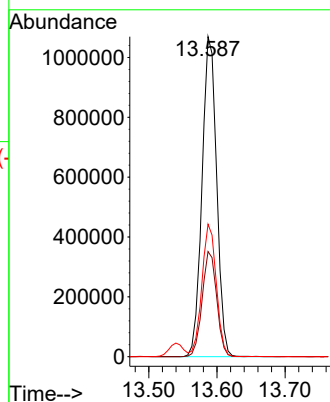
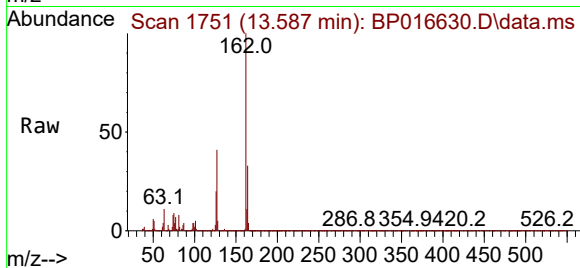




#44
2-Chloronaphthalene
Concen: 20141.313 ng/ul
RT: 13.587 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

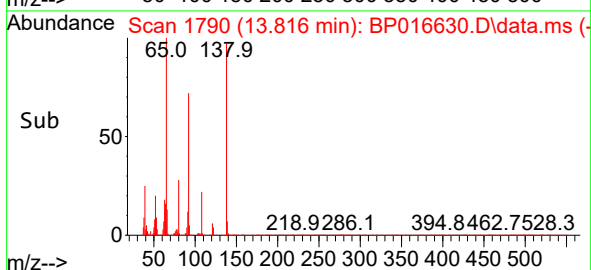
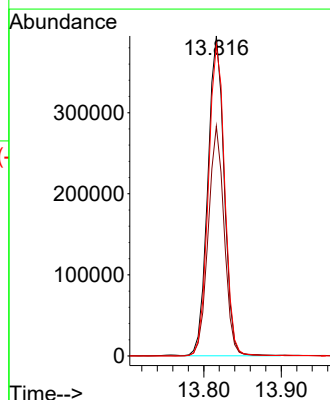
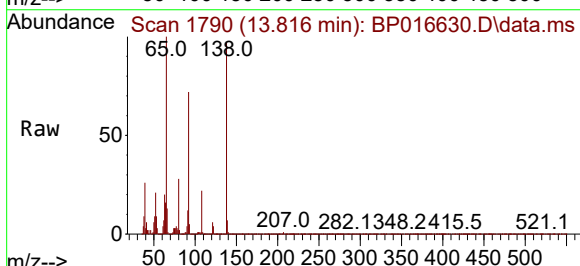
Instrument :
BNA_P
ClientSampleId :
SLCS791

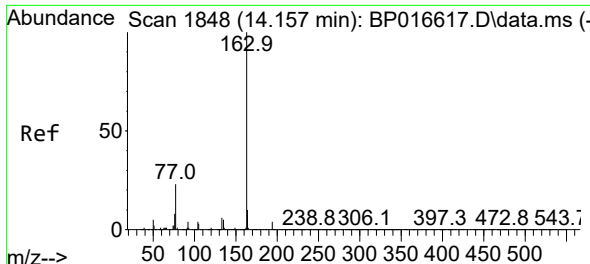
Tgt Ion:162 Resp: 1590010
Ion Ratio Lower Upper
162 100
164 32.8 25.8 38.6
127 41.4 32.9 49.3



#45
2-Nitroaniline
Concen: 24229.559 ng/ul
RT: 13.816 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion: 65 Resp: 578340
Ion Ratio Lower Upper
65 100
92 71.8 54.5 81.7
138 97.1 72.1 108.1

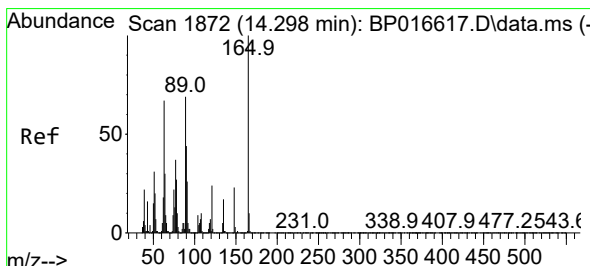
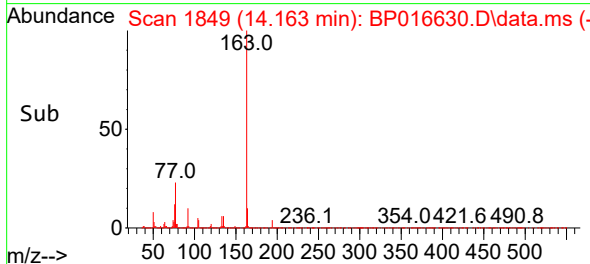
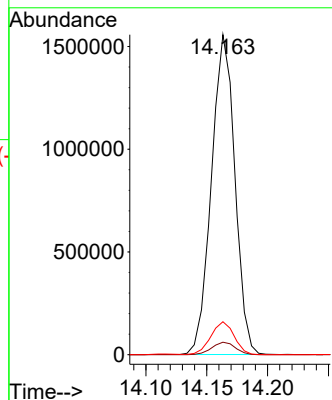
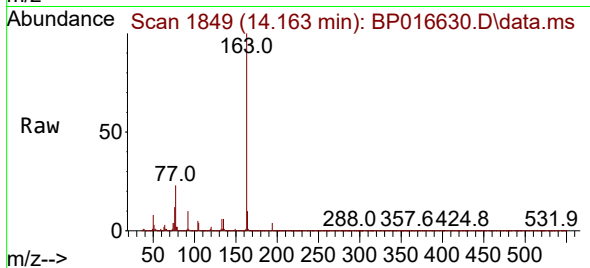




#47
Dimethylphthalate
Concen: 20658.074 ng/ul
RT: 14.163 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

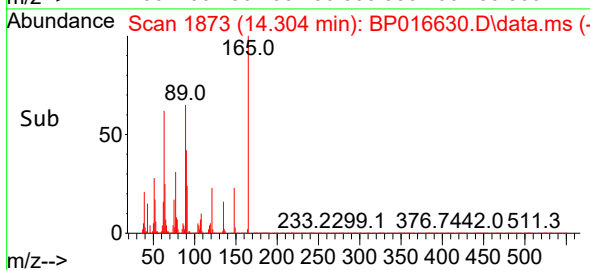
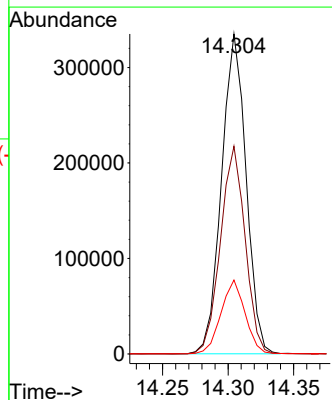
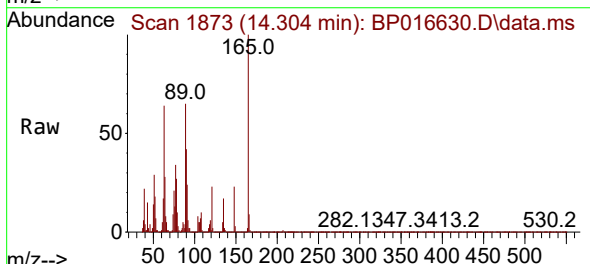
Instrument :
BNA_P
ClientSampleId :
SLCS791

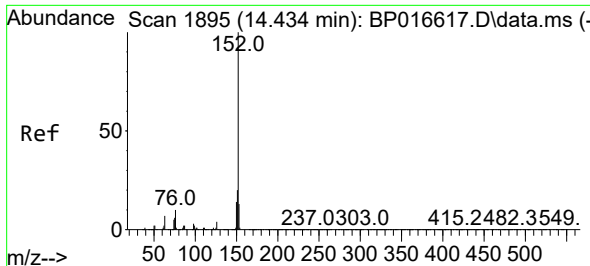
Tgt Ion:163 Resp: 2085327
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 24899.442 ng/ul
RT: 14.304 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:165 Resp: 435357
Ion Ratio Lower Upper
165 100
89 64.9 53.2 79.8
121 23.1 18.8 28.2

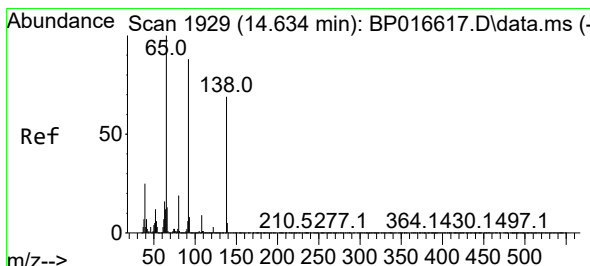
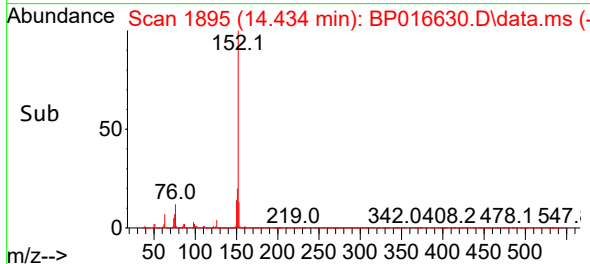
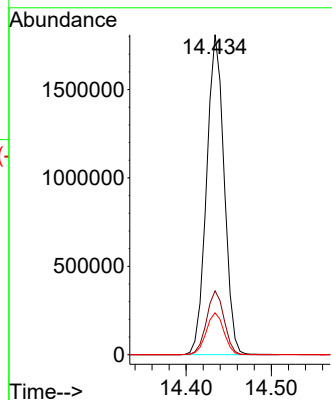
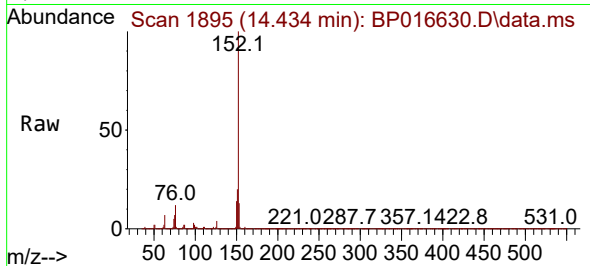




#50
Acenaphthylene
Concen: 19711.184 ng/ul
RT: 14.434 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

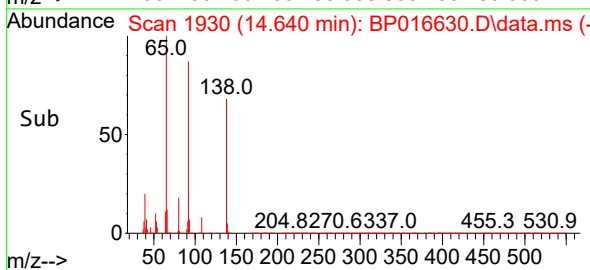
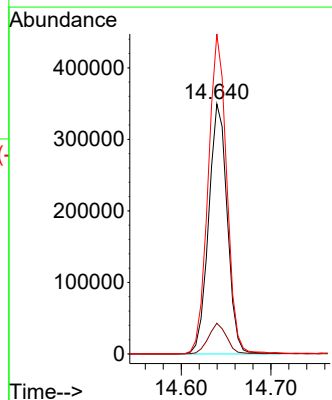
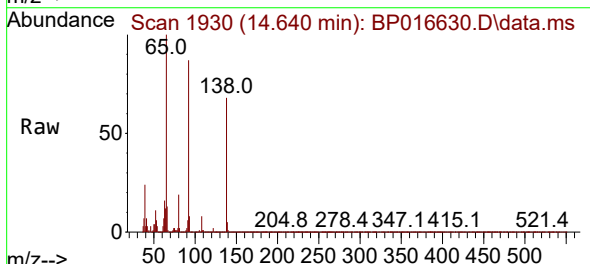
Instrument :
BNA_P
ClientSampleId :
SLCS791

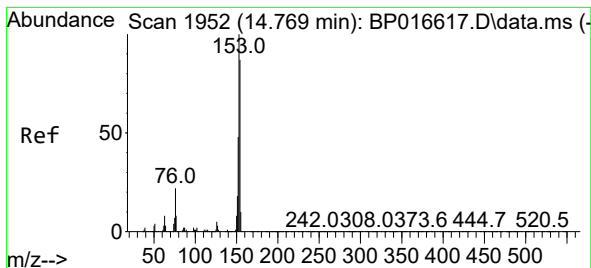
Tgt Ion:152 Resp: 2586847
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 25701.930 ng/ul
RT: 14.640 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:138 Resp: 503878
Ion Ratio Lower Upper
138 100
108 12.3 10.9 16.3
92 128.0 105.0 157.6





#52

Acenaphthene

Concen: 20221.940 ng/ul

RT: 14.769 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

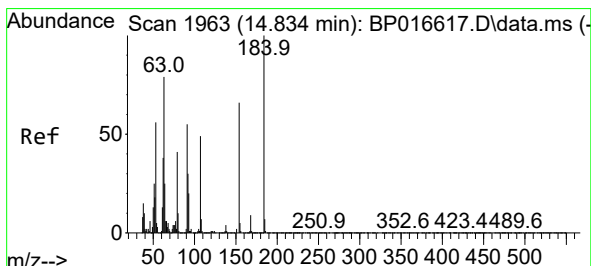
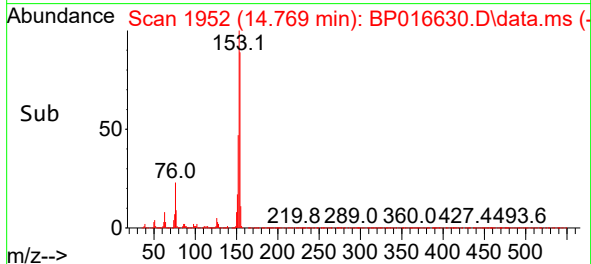
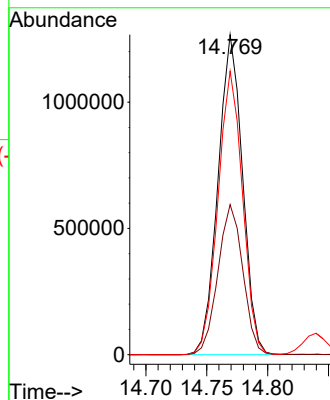
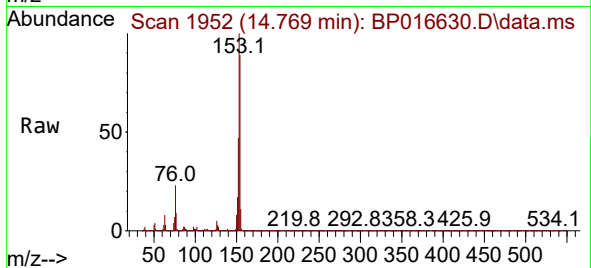
Tgt Ion:153 Resp: 1776517

Ion Ratio Lower Upper

153 100

152 46.9 38.7 58.1

154 88.6 72.0 108.0



#53

2,4-Dinitrophenol

Concen: 18345.772 ng/ul

RT: 14.840 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

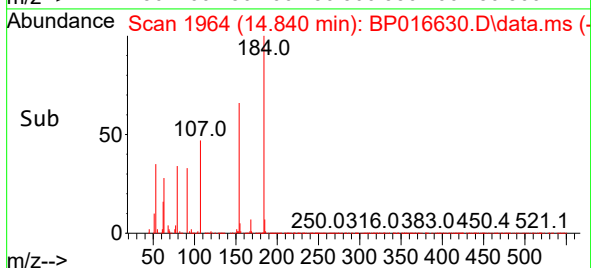
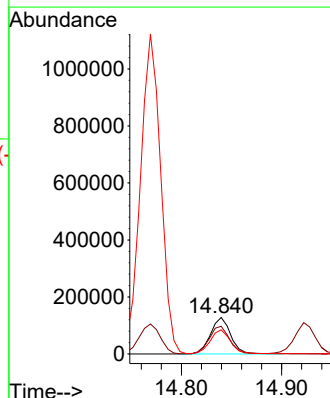
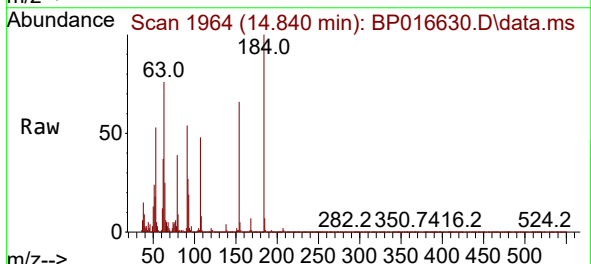
Tgt Ion:184 Resp: 178570

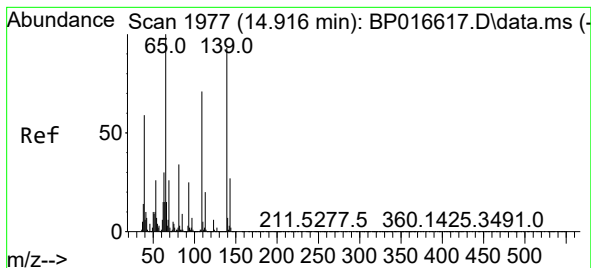
Ion Ratio Lower Upper

184 100

63 75.6 65.0 97.6

154 66.0 56.2 84.2

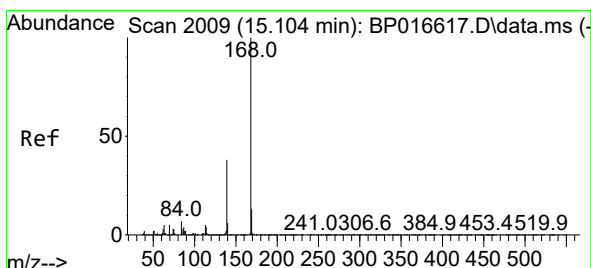
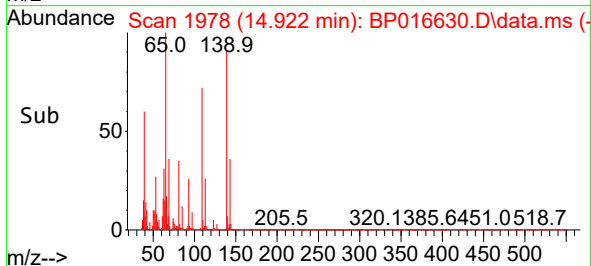
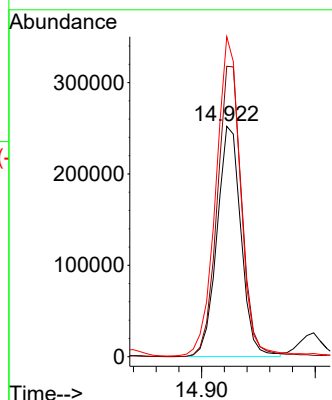
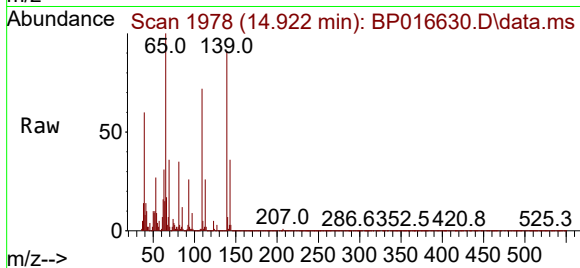




#55
4-Nitrophenol
Concen: 22601.353 ng/ul
RT: 14.922 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

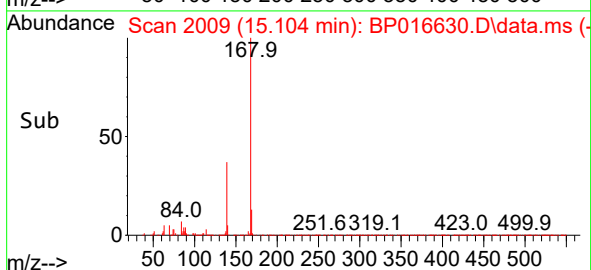
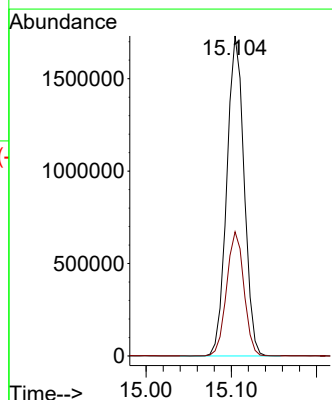
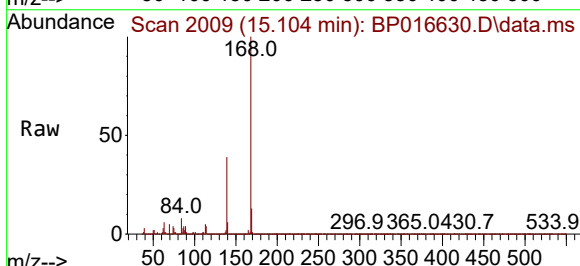
Instrument :
BNA_P
ClientSampleId :
SLCS791

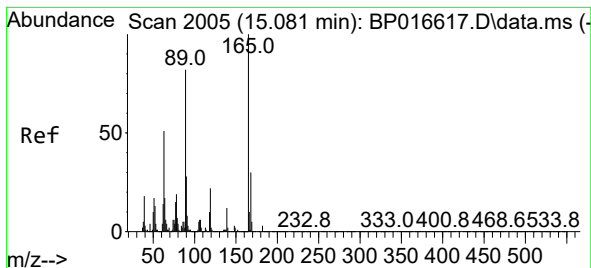
Tgt Ion:109 Resp: 369550
Ion Ratio Lower Upper
109 100
139 126.0 101.1 151.7
65 138.8 108.9 163.3



#56
Dibenzofuran
Concen: 20363.376 ng/ul
RT: 15.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:168 Resp: 2440767
Ion Ratio Lower Upper
168 100
139 38.8 31.4 47.0

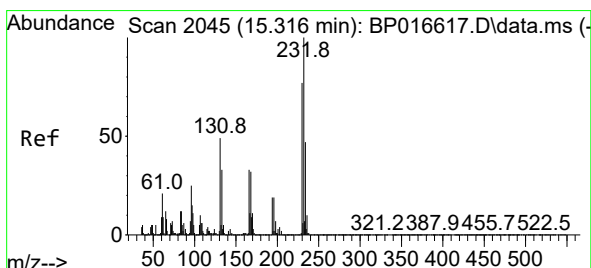
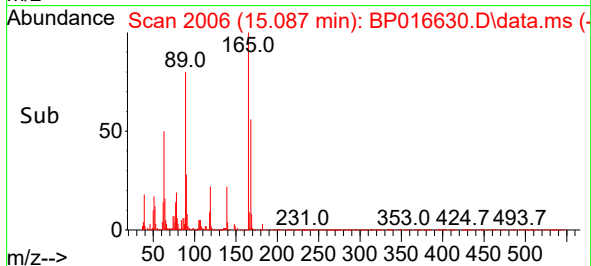
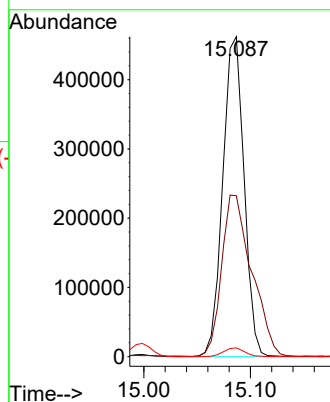
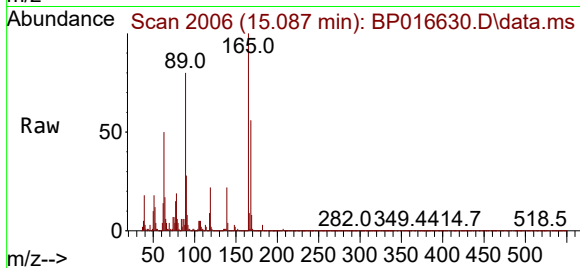




#57
2,4-Dinitrotoluene
Concen: 24509.004 ng/ul
RT: 15.087 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

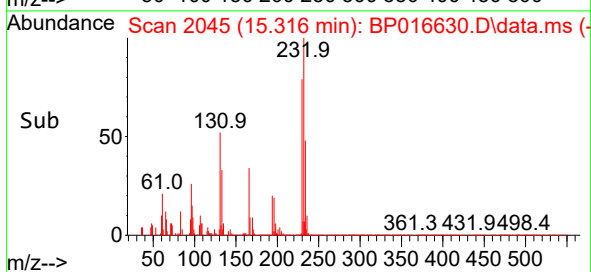
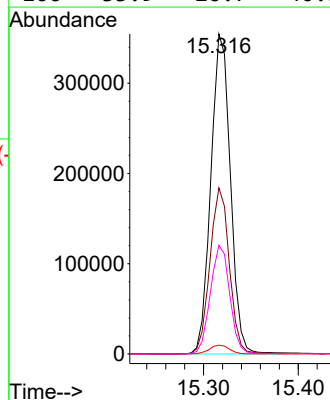
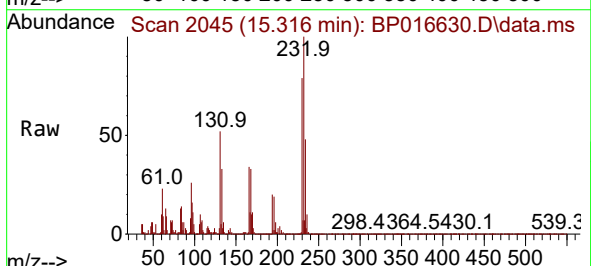
Instrument :
BNA_P
ClientSampleId :
SLCS791

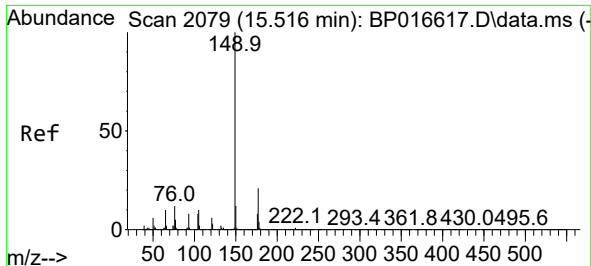
Tgt Ion:165 Resp: 641717
Ion Ratio Lower Upper
165 100
63 50.3 40.4 60.6
182 2.7 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 24640.813 ng/ul
RT: 15.316 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:232 Resp: 508489
Ion Ratio Lower Upper
232 100
131 51.9 42.9 64.3
130 2.7 2.2 3.4
166 33.9 26.7 40.1

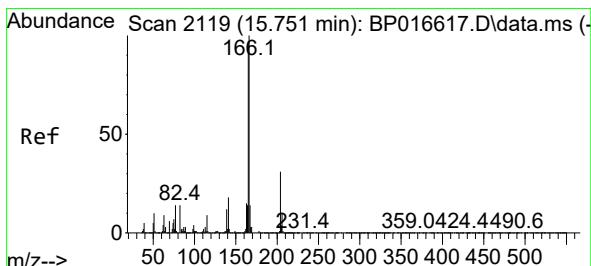
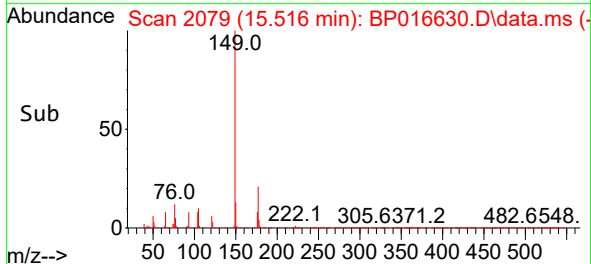
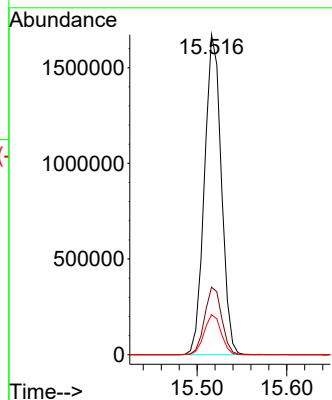
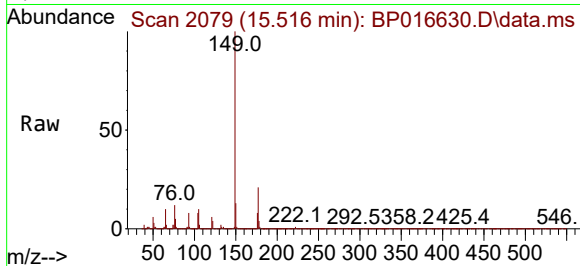




#59
Diethylphthalate
Concen: 21141.027 ng/ul
RT: 15.516 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

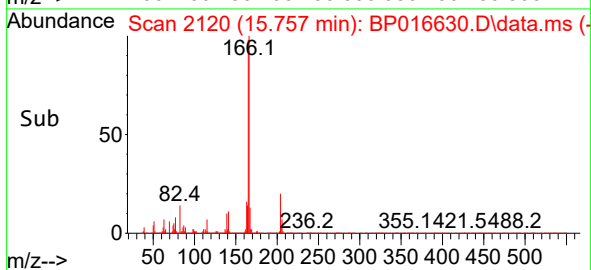
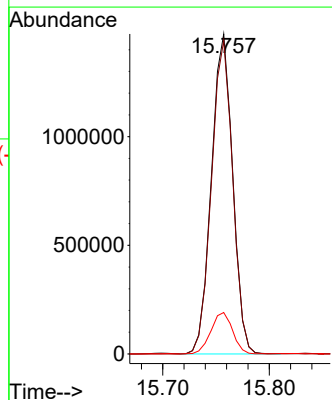
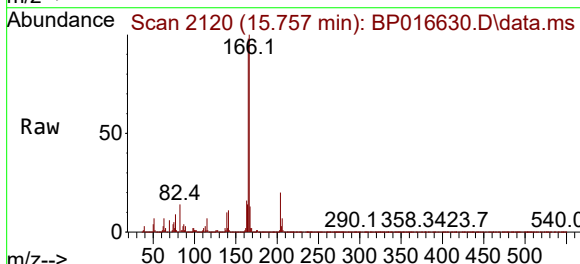
Instrument :
BNA_P
ClientSampleId :
SLCS791

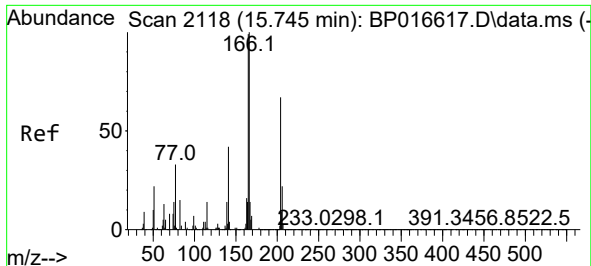
Tgt Ion:149 Resp: 2181984
Ion Ratio Lower Upper
149 100
177 21.1 16.5 24.7
150 12.5 10.0 15.0



#61
Fluorene
Concen: 20757.205 ng/ul
RT: 15.757 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:166 Resp: 2040056
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 12.9 10.8 16.2

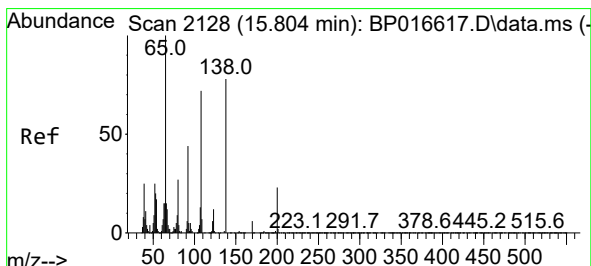
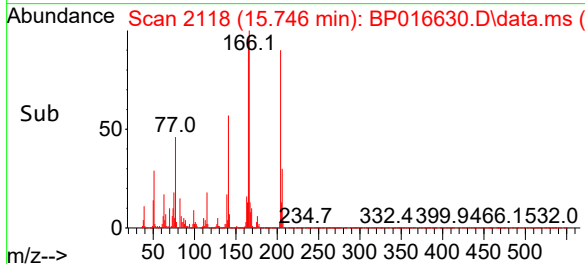
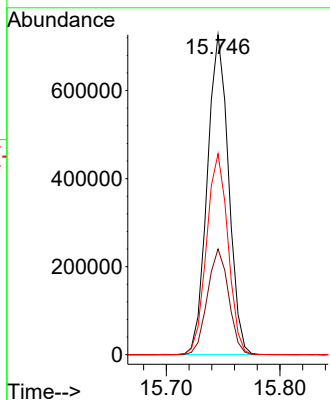
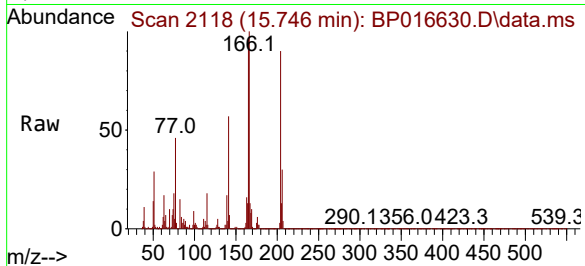




#62
4-Chlorophenyl-phenylether
Concen: 20472.152 ng/ul
RT: 15.746 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

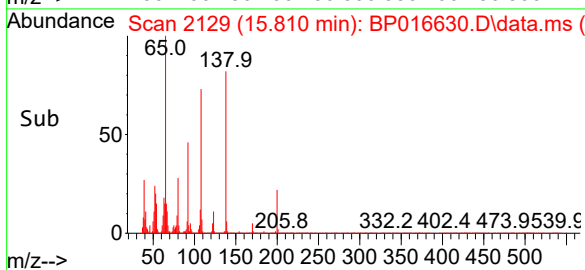
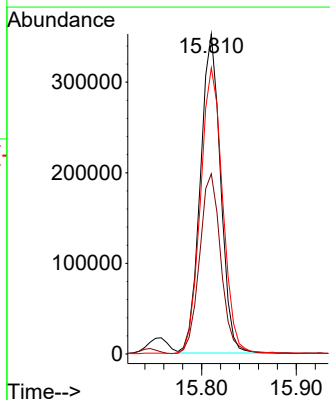
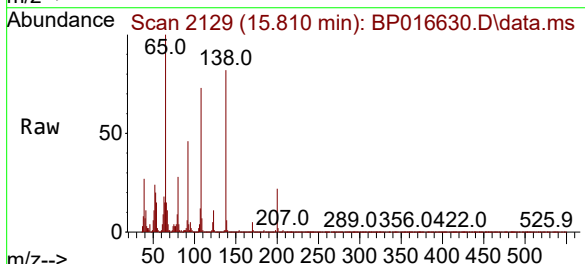
Instrument :
BNA_P
ClientSampleId :
SLCS791

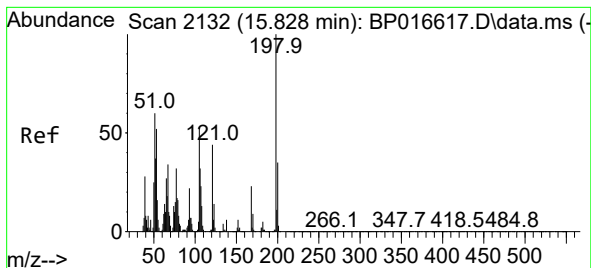
Tgt Ion:204 Resp: 944491
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 62.8 52.2 78.2



#63
4-Nitroaniline
Concen: 27833.551 ng/ul
RT: 15.810 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:138 Resp: 522201
Ion Ratio Lower Upper
138 100
92 56.3 46.7 70.1
108 89.4 73.7 110.5

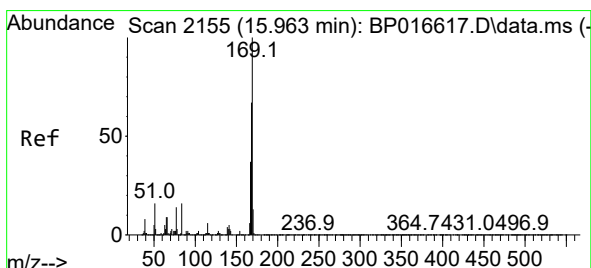
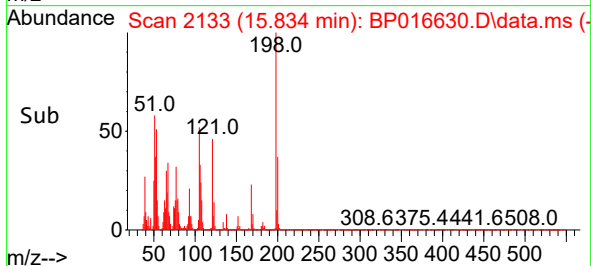
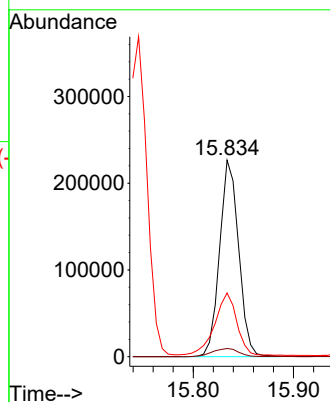
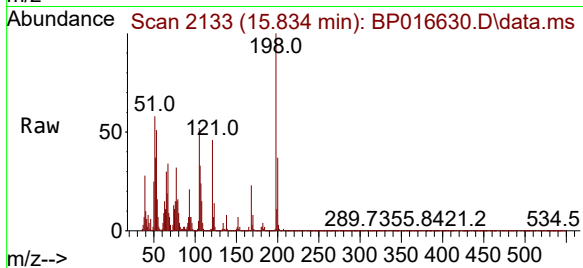




#66
4,6-Dinitro-2-methylphenol
Concen: 19.424 ng/ul
RT: 15.834 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

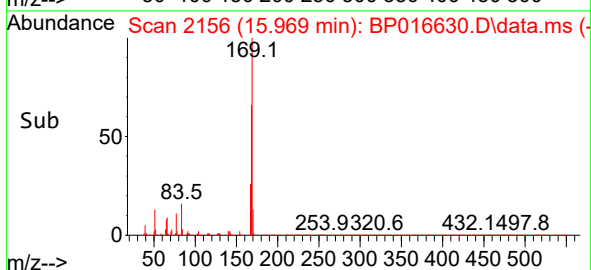
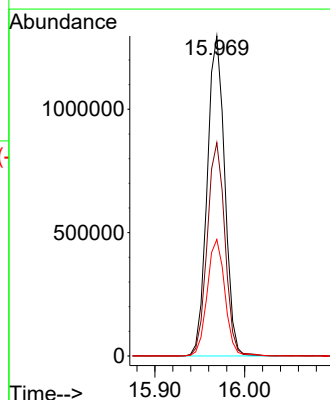
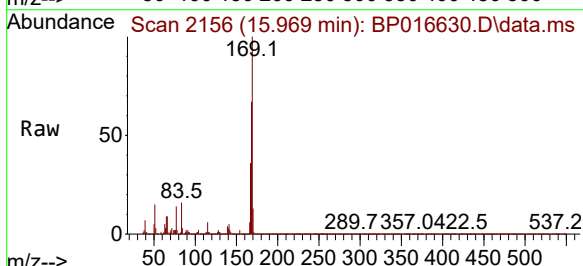
Instrument :
BNA_P
ClientSampleId :
SLCS791

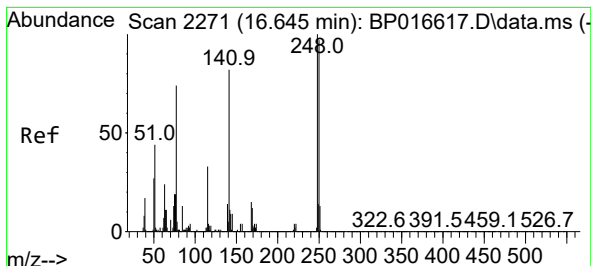
Tgt Ion:198 Resp: 298996
Ion Ratio Lower Upper
198 100
182 4.2 3.9 5.9
77 32.4 25.8 38.6



#67
N-Nitrosodiphenylamine
Concen: 22.201 ng/ul
RT: 15.969 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:169 Resp: 1756173
Ion Ratio Lower Upper
169 100
168 66.7 53.9 80.9
167 36.4 29.0 43.6

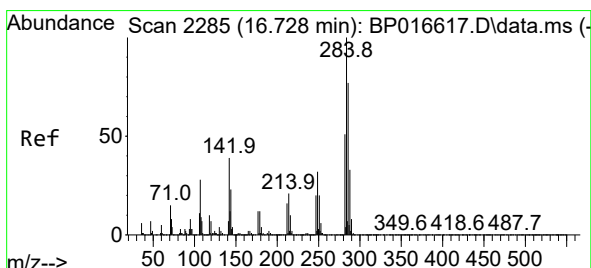
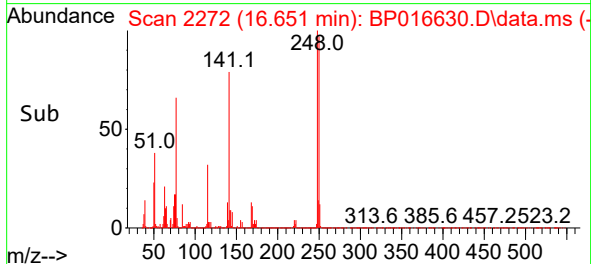
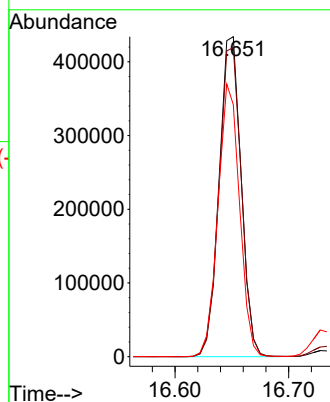
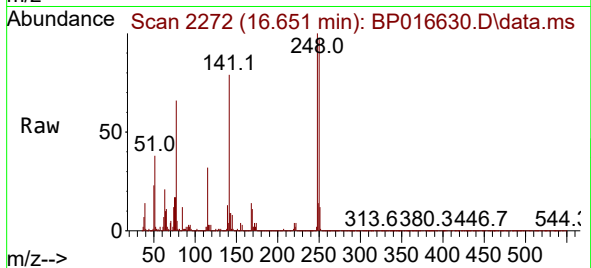




#68
4-Bromophenyl-phenylether
Concen: 22.518 ng/ul
RT: 16.651 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

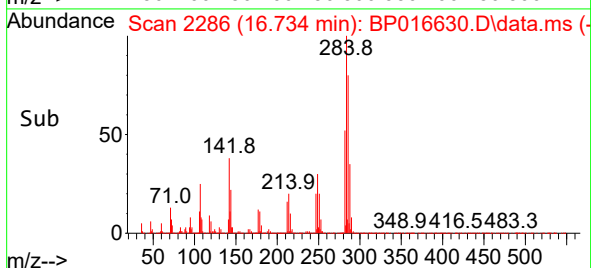
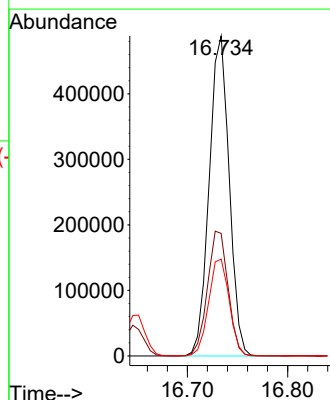
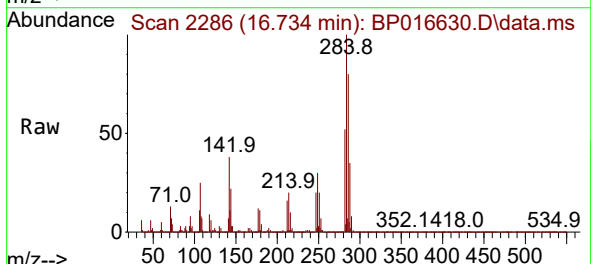
Instrument :
BNA_P
ClientSampleId :
SLCS791

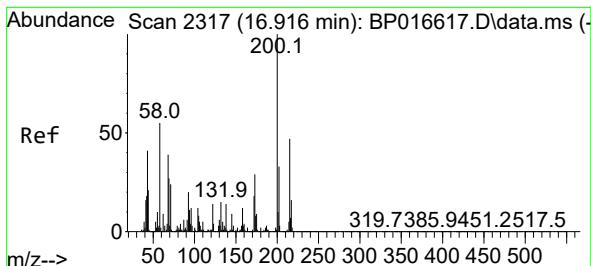
Tgt Ion:248 Resp: 586720
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 78.7 67.6 101.4



#69
Hexachlorobenzene
Concen: 22.249 ng/ul
RT: 16.734 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BP016630.D
Acq: 17 Aug 2023 07:08

Tgt Ion:284 Resp: 677368
Ion Ratio Lower Upper
284 100
142 38.3 31.9 47.9
249 30.3 24.7 37.1





#70

Atrazine

Concen: 22.051 ng/ul

RT: 16.922 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

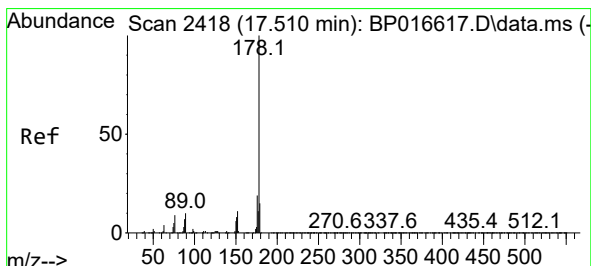
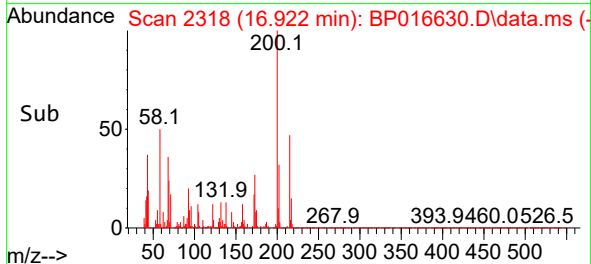
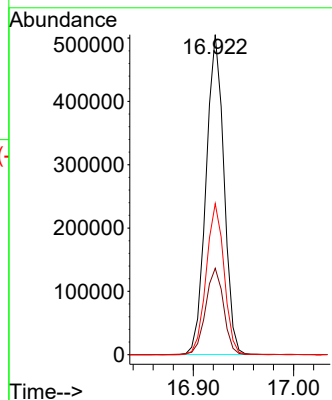
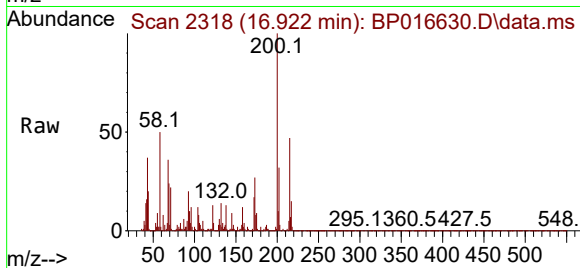
Tgt Ion:200 Resp: 627546

Ion Ratio Lower Upper

200 100

173 27.0 22.2 33.2

215 47.2 38.4 57.6



#72

Phenanthrene

Concen: 21.997 ng/ul

RT: 17.610 min Scan# 2435

Delta R.T. 0.100 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

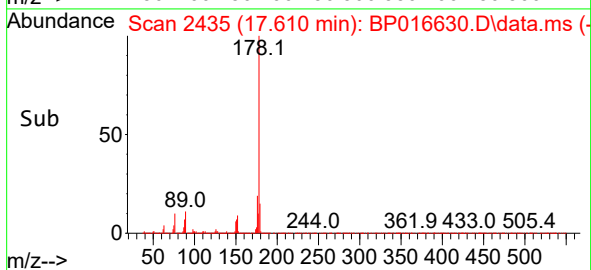
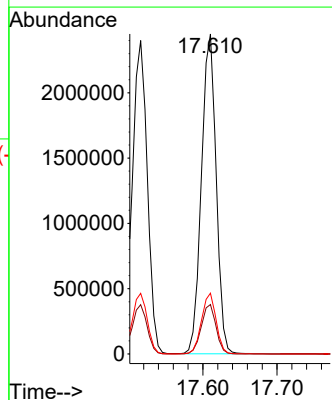
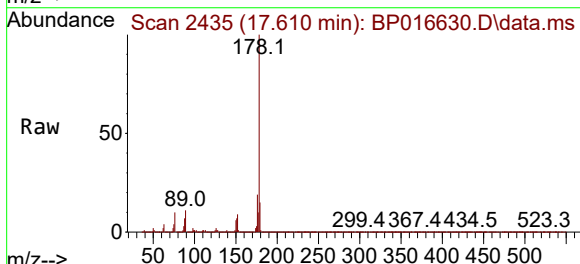
Tgt Ion:178 Resp: 3381867

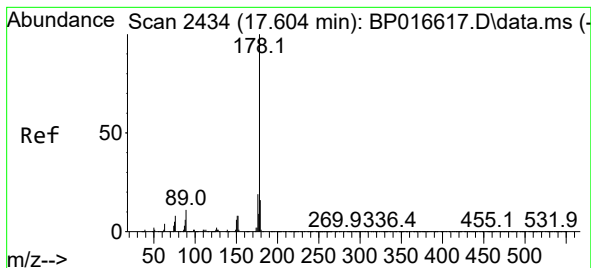
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.0 15.5 23.3





#74

Anthracene

Concen: 21.880 ng/uI

RT: 17.610 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

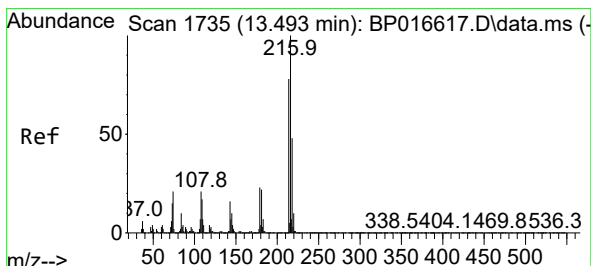
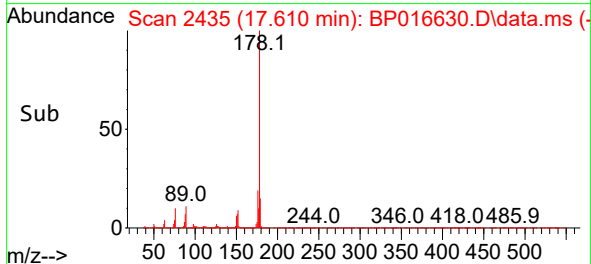
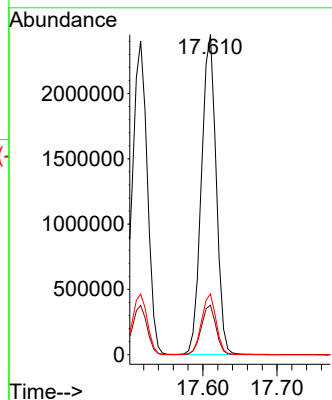
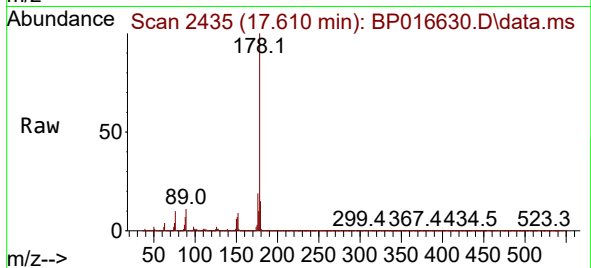
Tgt Ion:178 Resp: 3378871

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.0 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.972 ng/uI

RT: 13.493 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

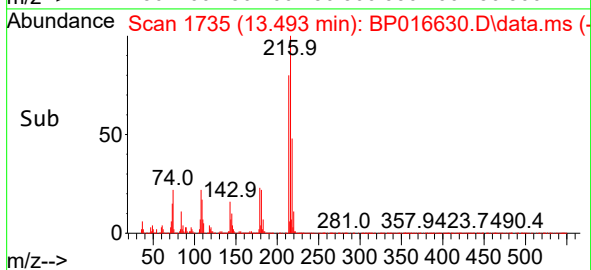
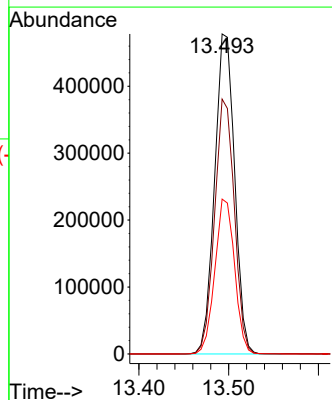
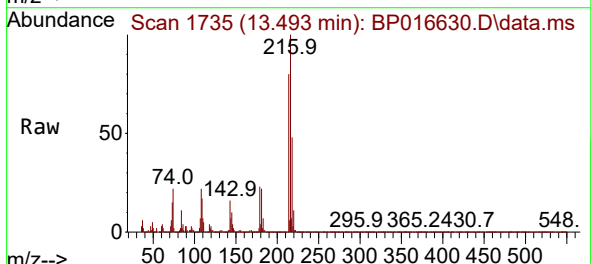
Tgt Ion:216 Resp: 740666

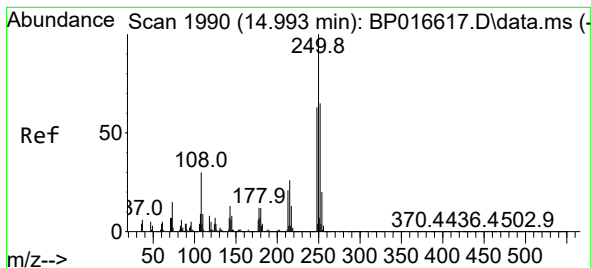
Ion Ratio Lower Upper

216 100

214 79.6 65.4 98.2

218 48.4 39.3 58.9





#76

Pentachlorobenzene

Concen: 22.008 ng/uL

RT: 14.999 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

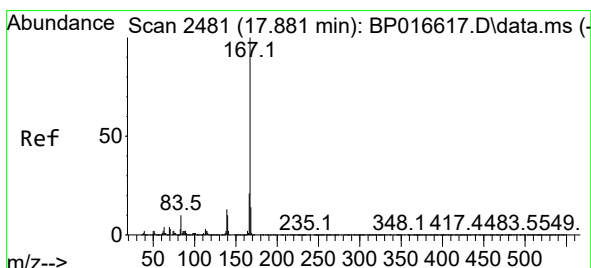
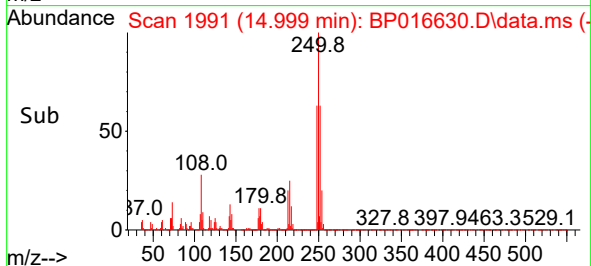
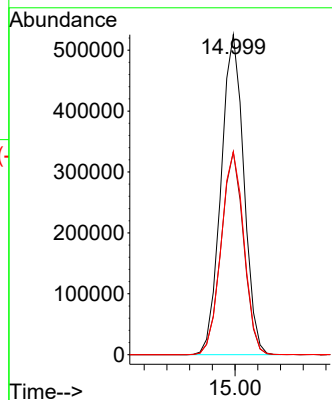
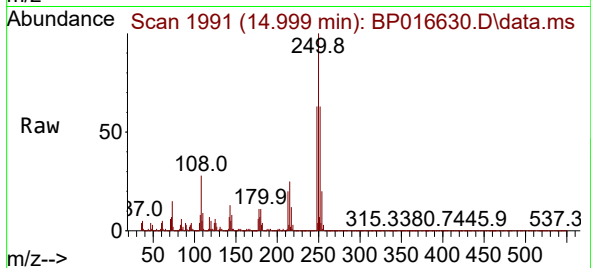
Tgt Ion:250 Resp: 732319

Ion Ratio Lower Upper

250 100

248 63.3 50.2 75.2

252 63.4 51.0 76.4



#77

Carbazole

Concen: 23.333 ng/uL

RT: 17.887 min Scan# 2482

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

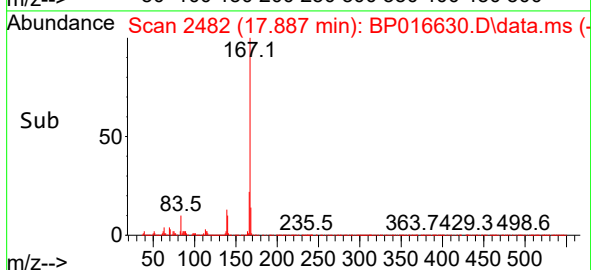
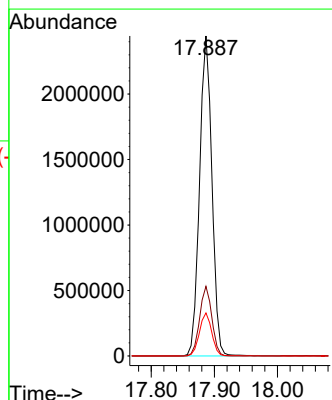
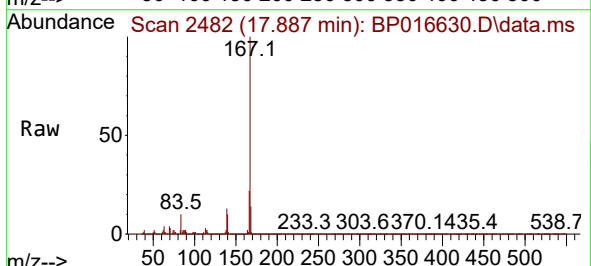
Tgt Ion:167 Resp: 3320615

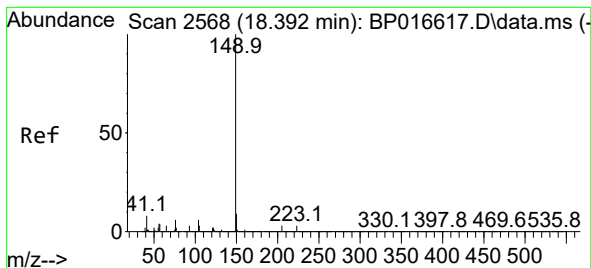
Ion Ratio Lower Upper

167 100

166 21.8 16.8 25.2

139 13.4 10.6 16.0





#78

Di-n-butylphthalate

Concen: 24.489 ng/ul

RT: 18.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

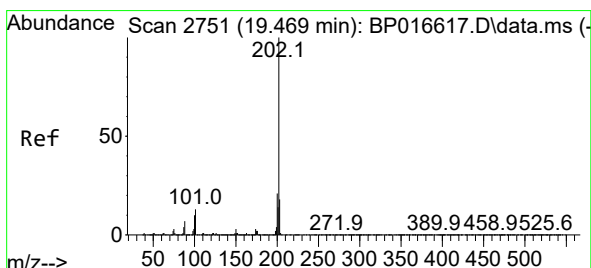
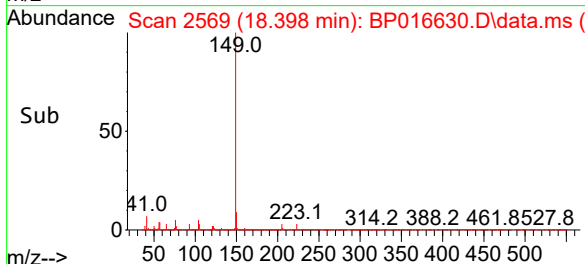
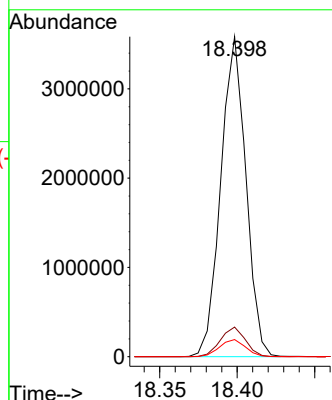
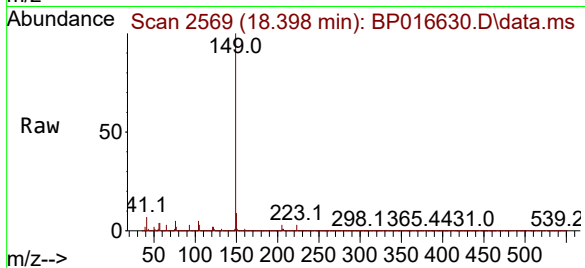
Tgt Ion:149 Resp: 4034420

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.3 4.6 6.8



#80

Fluoranthene

Concen: 1180676.984 ng/ul

RT: 19.475 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

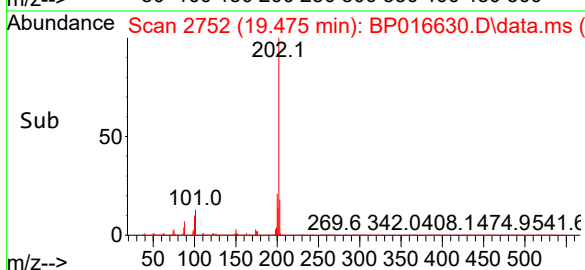
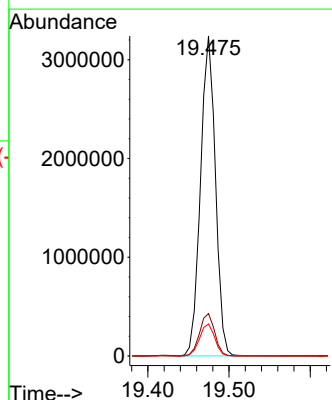
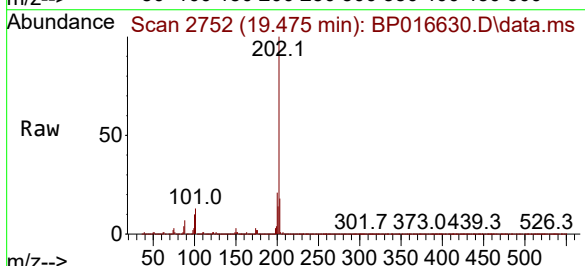
Tgt Ion:202 Resp: 4134858

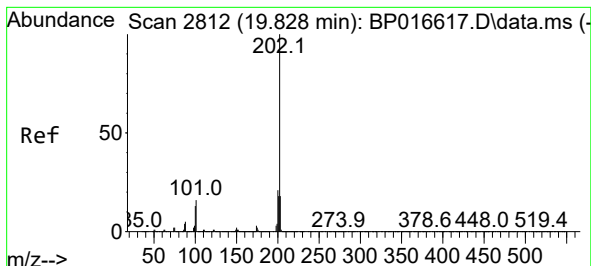
Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

100 10.0 8.1 12.1





#82

Pyrene

Concen: 1147817.404 ng/ul

RT: 19.834 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

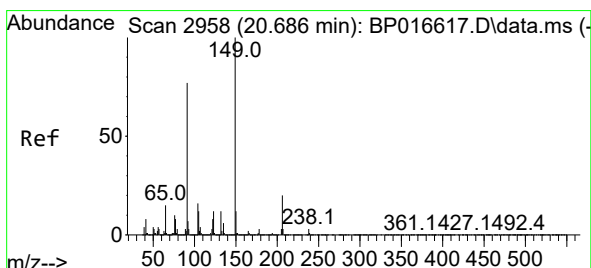
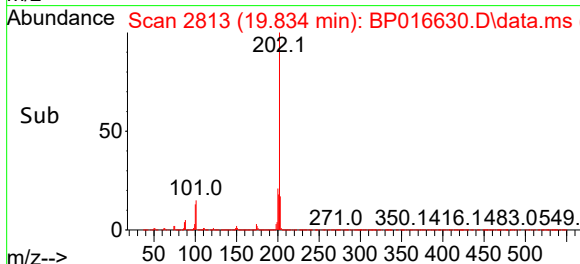
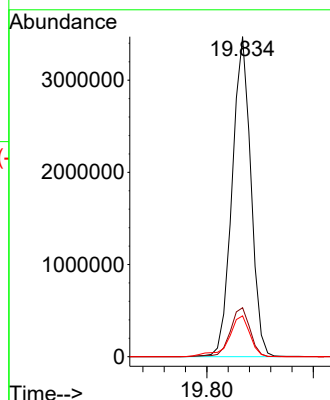
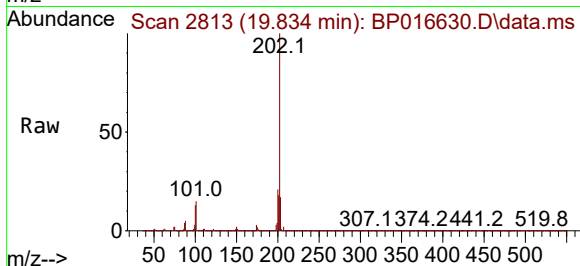
Tgt Ion:202 Resp: 4244728

Ion Ratio Lower Upper

202 100

101 15.3 13.4 20.2

100 12.7 11.0 16.4



#83

Butylbenzylphthalate

Concen: 1357267.816 ng/ul

RT: 20.686 min Scan# 2958

Delta R.T. 0.000 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

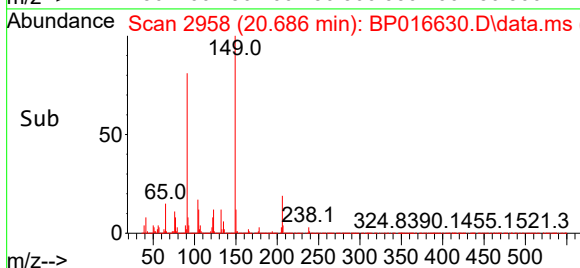
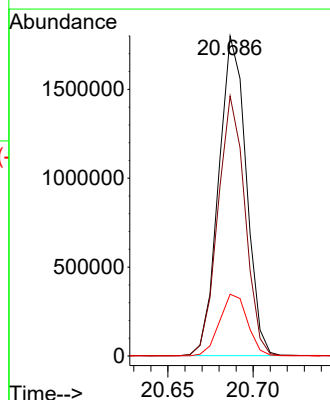
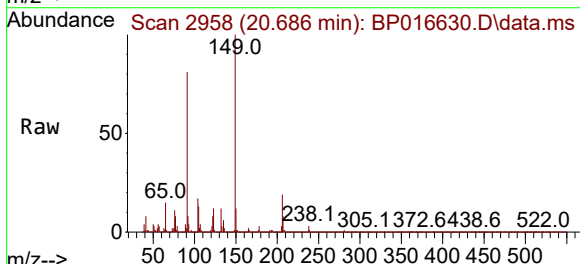
Tgt Ion:149 Resp: 2022003

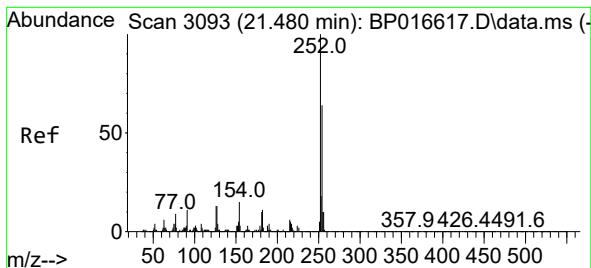
Ion Ratio Lower Upper

149 100

91 81.2 67.8 101.6

206 19.3 14.4 21.6





#84

3,3'-Dichlorobenzidine

Concen: 1157602.822 ng/ul

RT: 21.486 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

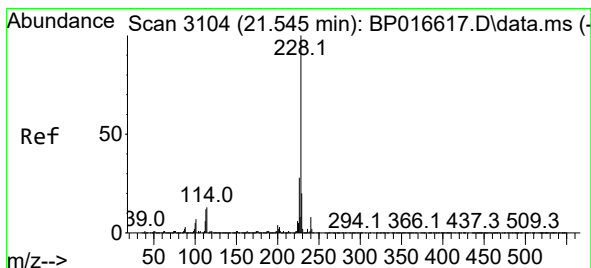
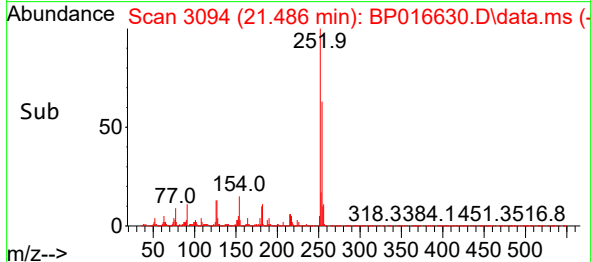
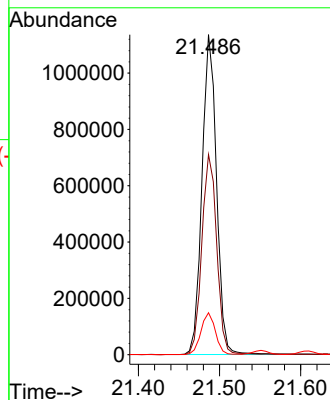
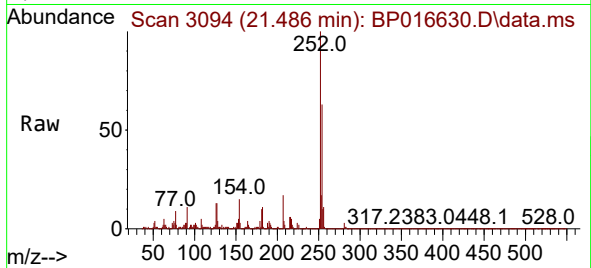
Tgt Ion:252 Resp: 1411618

Ion Ratio Lower Upper

252 100

254 62.6 51.3 76.9

126 13.1 10.2 15.4



#85

Benzo(a)anthracene

Concen: 1046704.792 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. 0.065 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

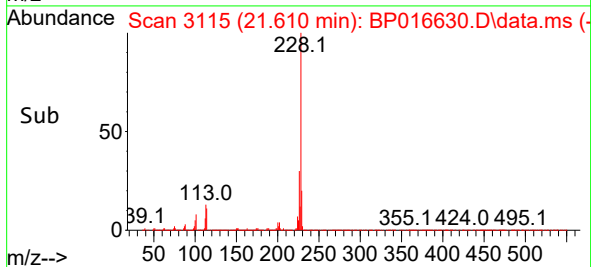
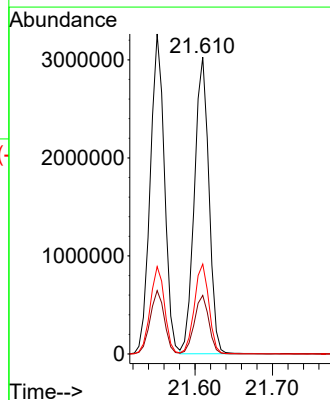
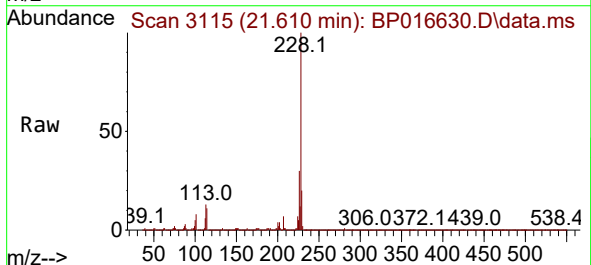
Tgt Ion:228 Resp: 3939349

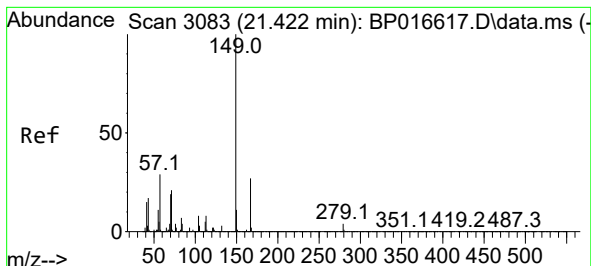
Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 30.3 21.8 32.6

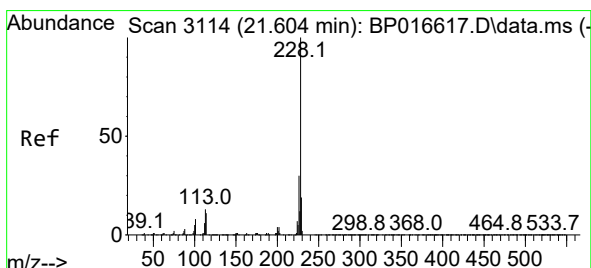
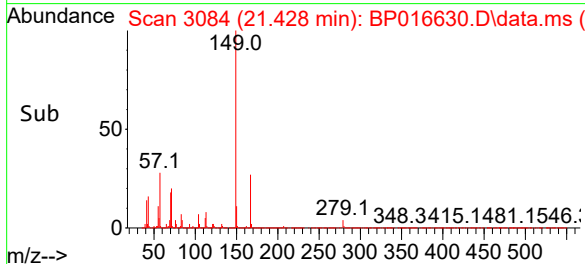
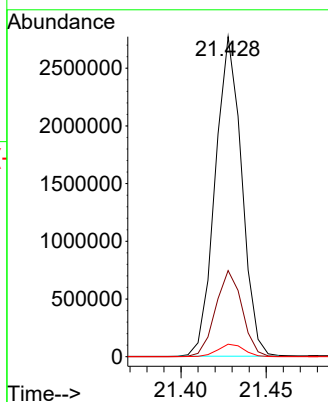
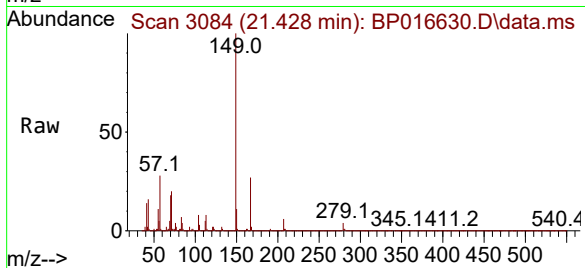




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1385942.714 ng/ul
 RT: 21.428 min Scan# 3083
 Delta R.T. 0.006 min
 Lab File: BP016630.D
 Acq: 17 Aug 2023 07:08

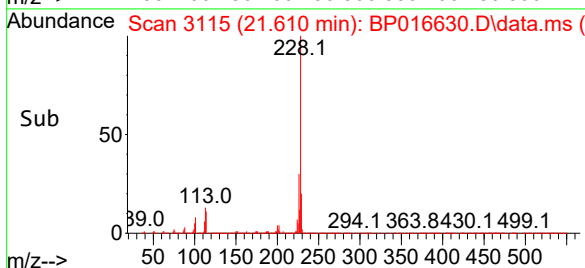
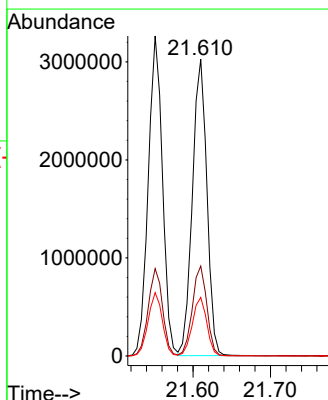
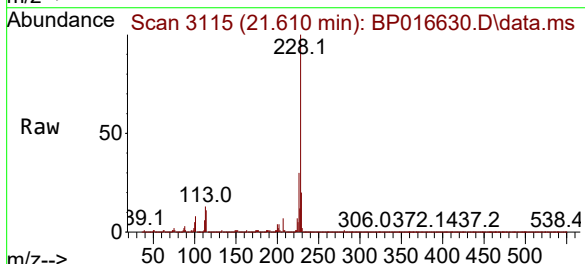
Instrument :
 BNA_P
 ClientSampleId :
 SLCS791

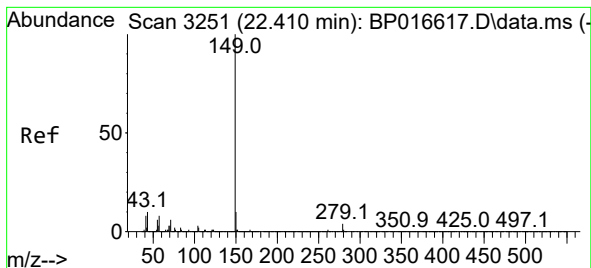
Tgt Ion:149 Resp: 2996537
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.9 31.3
 279 3.9 2.6 4.0



#87
 Chrysene
 Concen: 1117044.639 ng/ul
 RT: 21.610 min Scan# 3115
 Delta R.T. 0.006 min
 Lab File: BP016630.D
 Acq: 17 Aug 2023 07:08

Tgt Ion:228 Resp: 3934019
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 36.8
 229 19.7 16.4 24.6





#89

Di-n-octyl phthalate

Concen: 109482.544 ng/ul

RT: 22.416 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

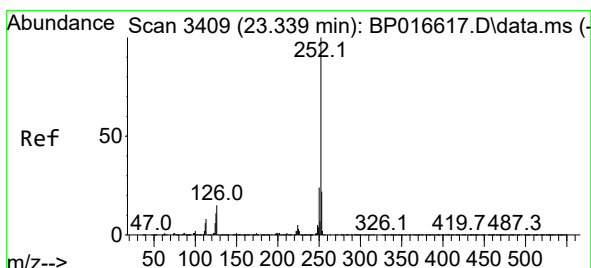
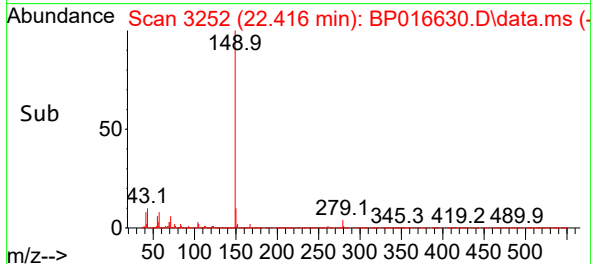
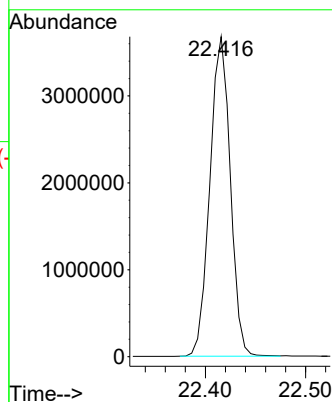
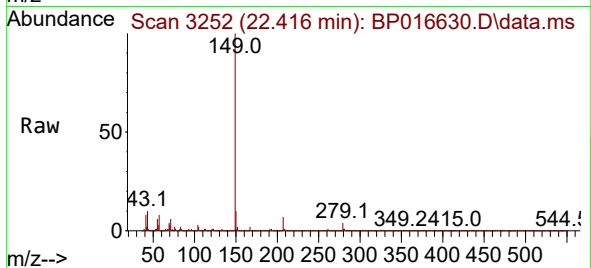
Instrument :

BNA_P

ClientSampleId :

SLCS791

Tgt Ion:149 Resp: 5212445



#90

Benzo(b)fluoranthene

Concen: 86717.961 ng/ul

RT: 23.404 min Scan# 3420

Delta R.T. 0.065 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

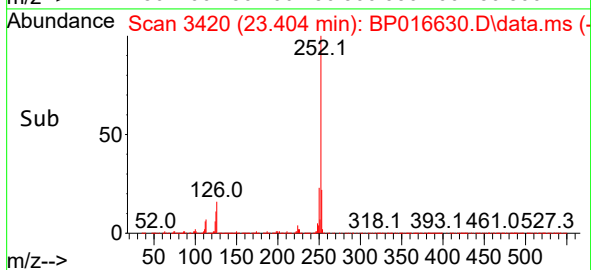
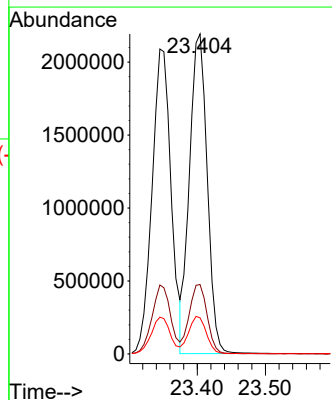
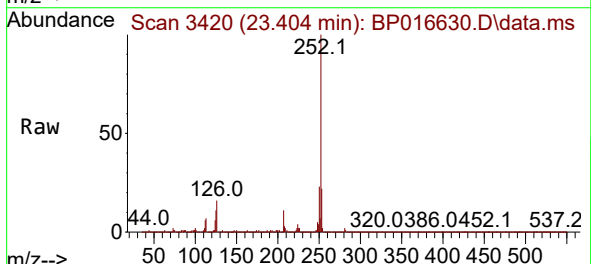
Tgt Ion:252 Resp: 3939693

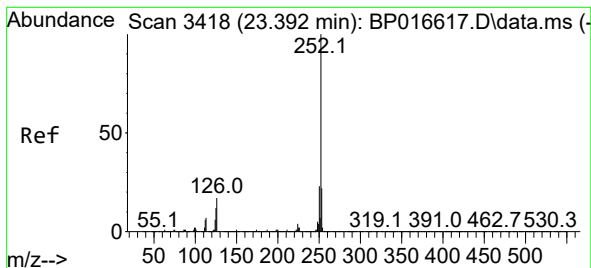
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.3 10.0 15.0





#91

Benzo(k)fluoranthene

Concen: 87262.090 ng/u1

RT: 23.404 min Scan# 3418

Delta R.T. 0.012 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

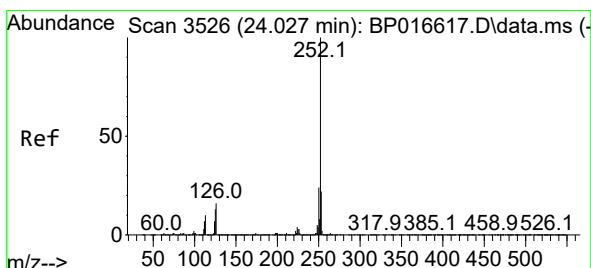
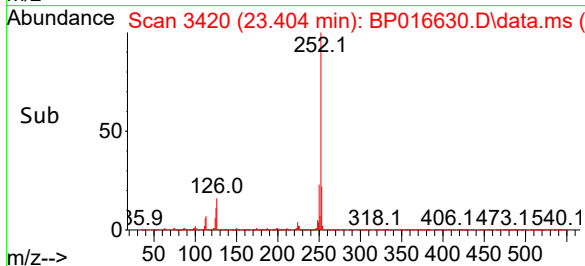
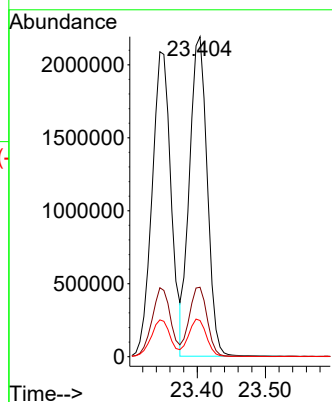
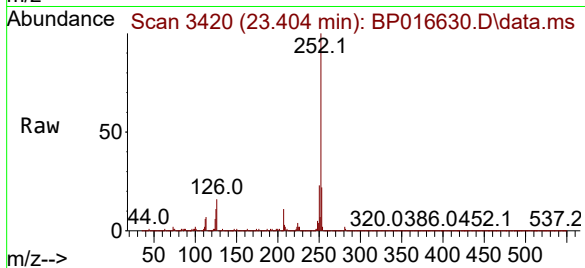
Tgt Ion:252 Resp: 3932930

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 11.3 9.8 14.8



#93

Benzo(a)pyrene

Concen: 79605.804 ng/u1

RT: 24.039 min Scan# 3528

Delta R.T. 0.012 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

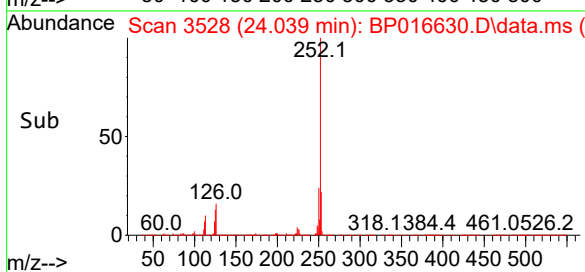
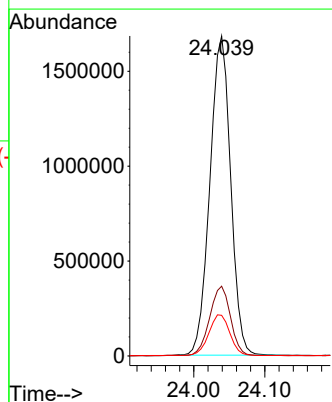
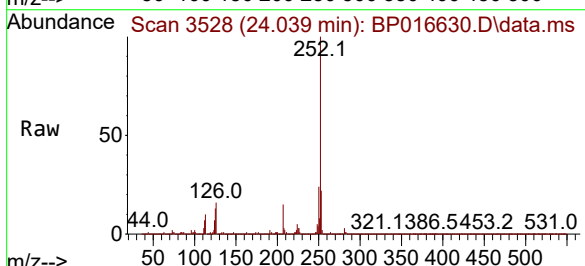
Tgt Ion:252 Resp: 3411590

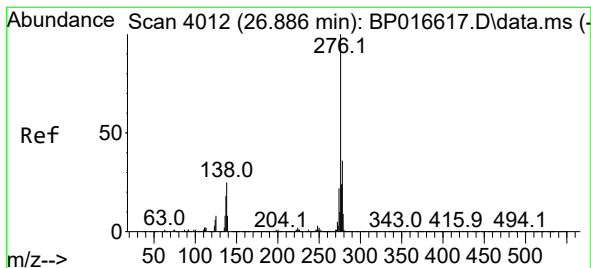
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.7 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 76424.913 ng/ul

RT: 26.904 min Scan# 4015

Delta R.T. 0.018 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791

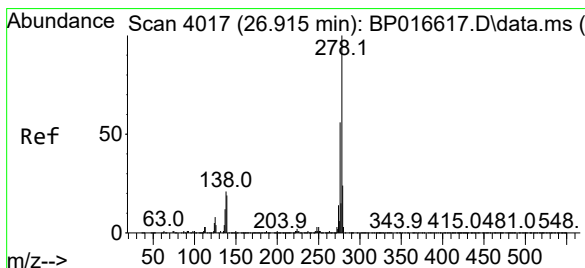
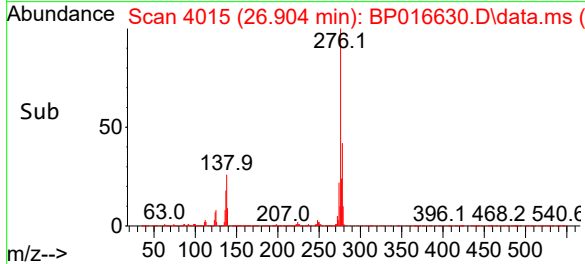
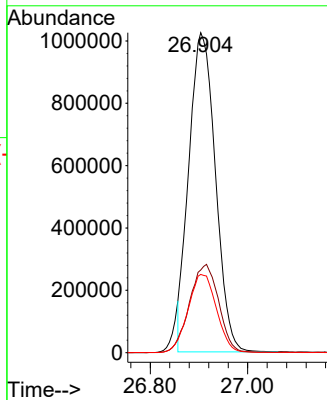
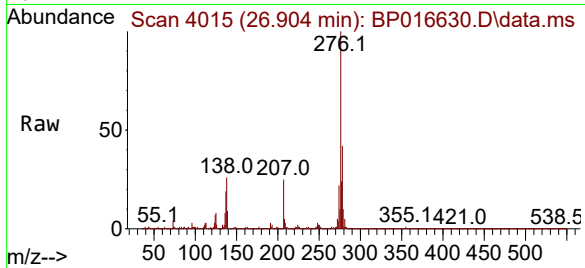
Tgt Ion:276 Resp: 3865595

Ion Ratio Lower Upper

276 100

138 25.8 21.7 32.5

277 24.5 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 76908.947 ng/ul

RT: 26.933 min Scan# 4020

Delta R.T. 0.018 min

Lab File: BP016630.D

Acq: 17 Aug 2023 07:08

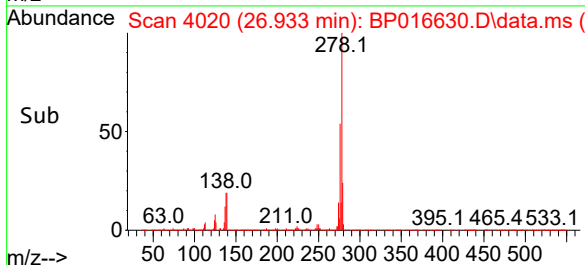
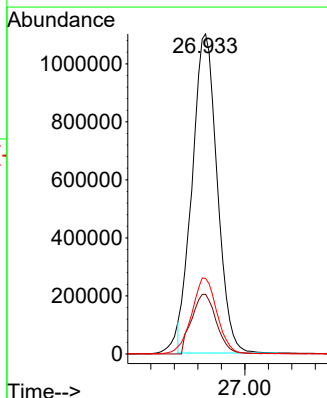
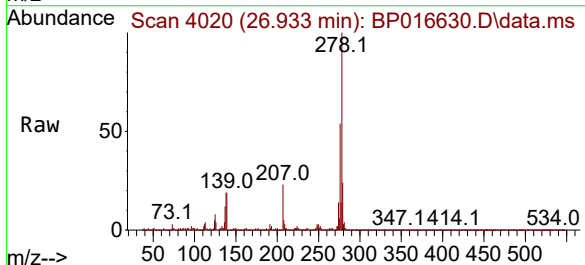
Tgt Ion:278 Resp: 3237320

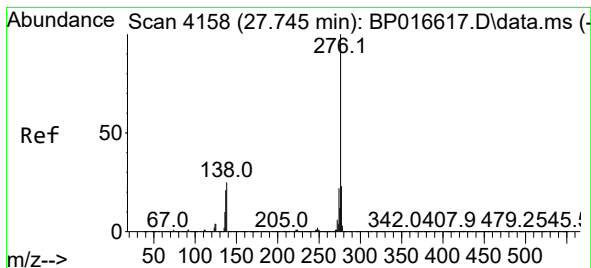
Ion Ratio Lower Upper

278 100

139 18.7 15.5 23.3

279 23.6 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 75473.968 ng/ul

RT: 27.768 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP016630.D

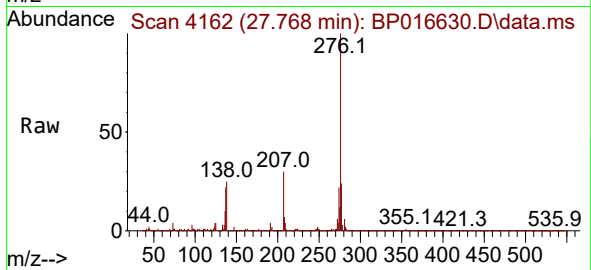
Acq: 17 Aug 2023 07:08

Instrument :

BNA_P

ClientSampleId :

SLCS791



Tgt Ion:276 Resp: 3038274

Ion Ratio Lower Upper

276 100

138 25.1 21.5 32.3

277 24.1 19.3 28.9

