

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015429.D
 Acq On : 08 Jun 2023 11:00
 Operator : MA/JU
 Sample : PB153179BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS179

Quant Time: Jun 09 01:15:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	158591	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	711419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	489152	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1159013	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1157767	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1288767	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	24255	5.663	ng/uL	0.00
4) Pyridine-d5	3.846	84	292425	26.287	ng/u1	0.00
7) Phenol-d5	7.252	99	440142	30.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	269886	30.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	343824	32.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	376615	31.408	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	180444	32.307	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	209825	32.896	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	376591	32.366	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.063	131	486351	29.121	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1269673	32.916	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	1393909	33.049	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	226235	32.752	ng/u1	0.00
60) Fluorene-d10	15.734	176	1053912	32.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	236497	32.210	ng/u1	0.00
73) Anthracene-d10	17.598	188	1702781	32.290	ng/u1	0.00
81) Pyrene-d10	19.822	212	2068218	33.377	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2159513	33.395	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	47688	10.542	ng/uL	93
5) Pyridine	3.869	79	277044	24.022	ng/u1	98
6) Benzaldehyde	7.228	77	245414	43.945	ng/u1	96
8) Phenol	7.275	94	430043	28.530	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.510	93	339693	28.504	ng/u1	97
12) 2-Chlorophenol	7.658	128	323909	28.941	ng/u1	98
13) 2-Methylphenol	8.546	108	334622	28.853	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	456063	28.878	ng/u1	99
16) Acetophenone	8.934	105	553053	28.901	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.916	70	298438	28.895	ng/u1	97
18) 4-Methylphenol	8.875	108	371702	29.130	ng/u1	97
19) Hexachloroethane	9.187	117	138413	29.266	ng/u1	96
22) Nitrobenzene	9.316	77	441807	29.827	ng/u1	98
23) Isophorone	9.846	82	866386	29.219	ng/u1	99
25) 2-Nitrophenol	10.034	139	209200	30.377	ng/u1	97
26) 2,4-Dimethylphenol	10.087	107	430876	29.503	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	502597	29.155	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	355913	30.765	ng/u1	100
30) Naphthalene	10.975	128	1118693	29.019	ng/u1	99
32) 4-Chloroaniline	11.093	127	416309	24.091	ng/u1	100
33) Hexachlorobutadiene	11.251	225	232620	29.816	ng/u1	97
34) Caprolactam	11.875	113	84944	19.505	ng/u1	95
35) 4-Chloro-3-methylphenol	12.204	107	434355	30.988	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	792888	29.257	ng/u1	99

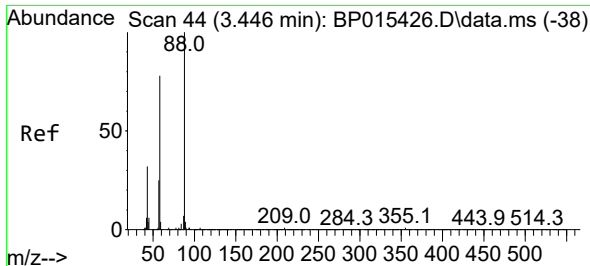
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	795925	29.169	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	456245	29.953	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	202239	32.391	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	312430	30.818	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	342066	30.964	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	1110389	29.354	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	873240	29.423	ng/ul	99
45) 2-Nitroaniline	13.828	65	301742	31.767	ng/ul	97
47) Dimethylphthalate	14.192	163	1186142	29.783	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	255542	31.319	ng/ul	99
50) Acenaphthylene	14.463	152	1380825	29.563	ng/ul	100
51) 3-Nitroaniline	14.651	138	248541	36.899	ng/ul	100
52) Acenaphthene	14.804	153	956727	29.632	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	137023	27.917	ng/ul	98
55) 4-Nitrophenol	14.957	109	205055	30.776	ng/ul	90
56) Dibenzofuran	15.139	168	1351551	29.535	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	374596	31.214	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	303540	30.431	ng/ul	99
59) Diethylphthalate	15.551	149	1246123	30.529	ng/ul	99
61) Fluorene	15.792	166	1110190	29.761	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	567586	30.190	ng/ul	99
63) 4-Nitroaniline	15.816	138	258982	40.535	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.875	198	217376	29.028	ng/ul	94
67) N-Nitrosodiphenylamine	15.992	169	970580	29.518	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	371659	29.974	ng/ul	98
69) Hexachlorobenzene	16.798	284	439236	30.030	ng/ul	96
70) Atrazine	16.945	200	249967	19.037	ng/ul	99
71) Pentachlorophenol	17.145	266	245174	29.657	ng/ul	100
72) Phenanthrene	17.539	178	1866524	30.010	ng/ul	99
74) Anthracene	17.633	178	1863660	29.531	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	470915	29.440	ng/ul	98
76) Pentachlorobenzene	15.057	250	474671	28.342	ng/ul	99
77) Carbazole	17.904	167	1715610	30.192	ng/ul	100
78) Di-n-butylphthalate	18.428	149	2225972	30.875	ng/ul	99
80) Fluoranthene	19.492	202	2311605	30.625	ng/ul	100
82) Pyrene	19.851	202	2374880	30.412	ng/ul	97
83) Butylbenzylphthalate	20.704	149	1091290	31.618	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	842864	30.815	ng/ul	99
85) Benzo(a)anthracene	21.563	228	2419973	29.900	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1646525	32.275	ng/ul	99
87) Chrysene	21.621	228	2296320	30.016	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2927834	34.567	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2566232	30.848	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	2399764	29.842	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2155162	29.714	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	2566813	27.346	ng/ul	99
95) Dibenzo(a,h)anthracene	26.857	278	2128115	27.829	ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	2045901	26.448	ng/ul	98

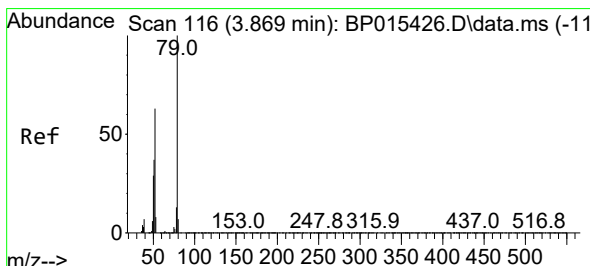
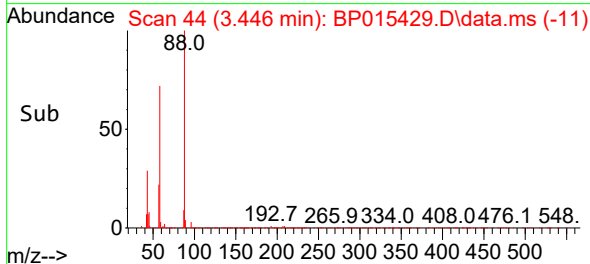
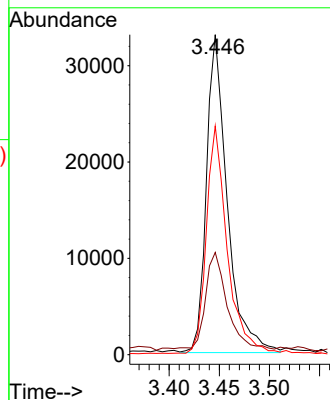
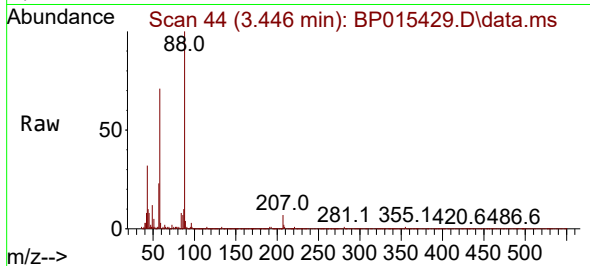
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#2
 1,4-Dioxane
 Concen: 10.542 ng/uL
 RT: 3.446 min Scan# 44
 Delta R.T. -0.006 min
 Lab File: BP015429.D
 Acq: 08 Jun 2023 11:00

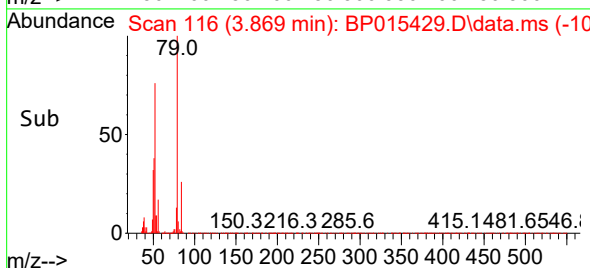
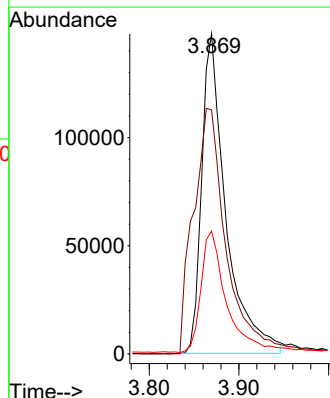
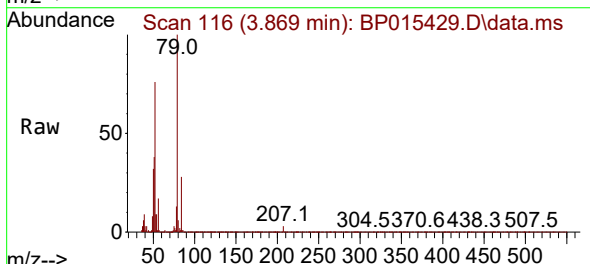
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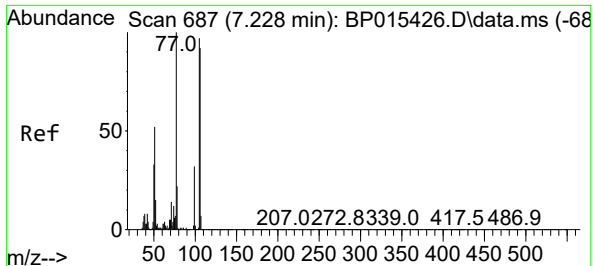
Tgt Ion: 88 Resp: 47688
 Ion Ratio Lower Upper
 88 100
 43 32.0 23.9 35.9
 58 71.5 51.4 77.2



#5
 Pyridine
 Concen: 24.022 ng/uL
 RT: 3.869 min Scan# 116
 Delta R.T. -0.006 min
 Lab File: BP015429.D
 Acq: 08 Jun 2023 11:00

Tgt Ion: 79 Resp: 277044
 Ion Ratio Lower Upper
 79 100
 52 76.3 59.5 89.3
 51 38.4 29.8 44.6

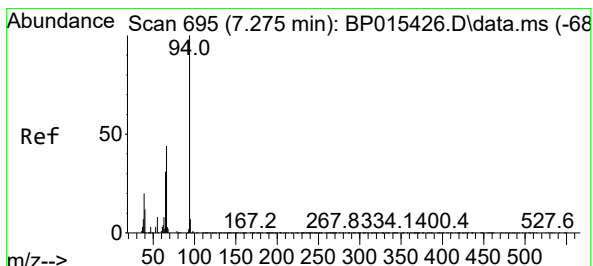
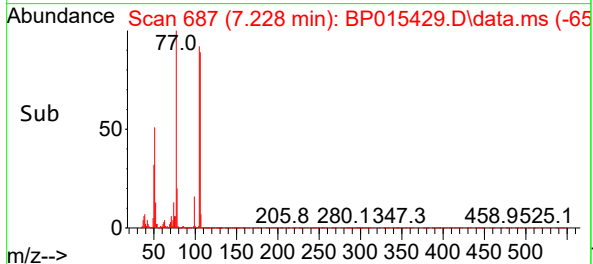
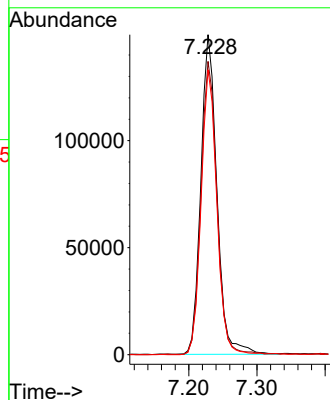
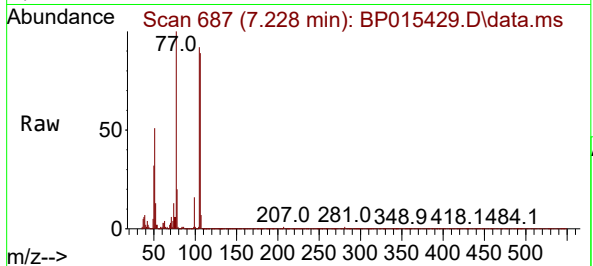




#6
Benzaldehyde
Concen: 43.945 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

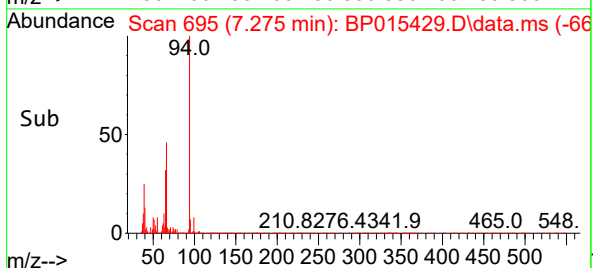
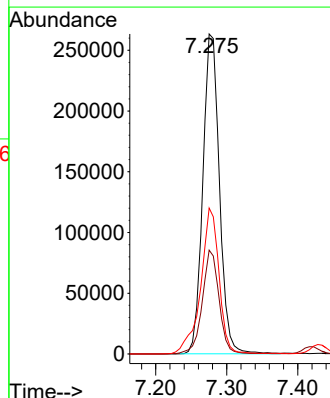
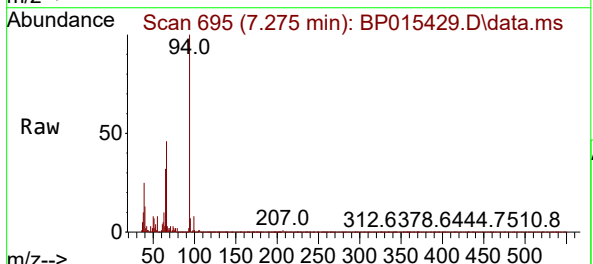
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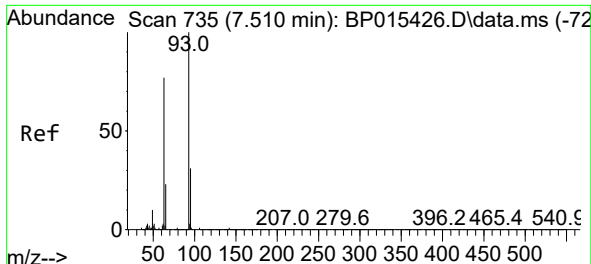
Tgt Ion: 77 Resp: 245414
Ion Ratio Lower Upper
77 100
105 91.7 77.3 115.9
106 89.0 73.3 109.9



#8
Phenol
Concen: 28.530 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion: 94 Resp: 430043
Ion Ratio Lower Upper
94 100
65 32.4 23.5 35.3
66 45.6 34.2 51.4



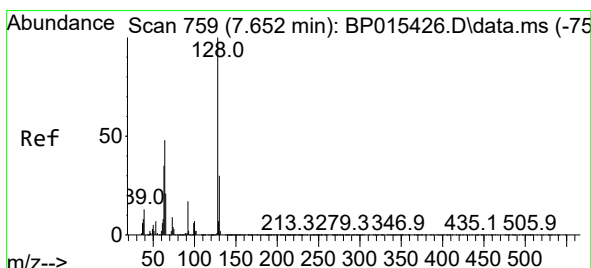
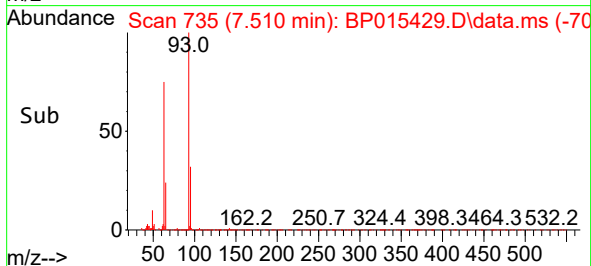
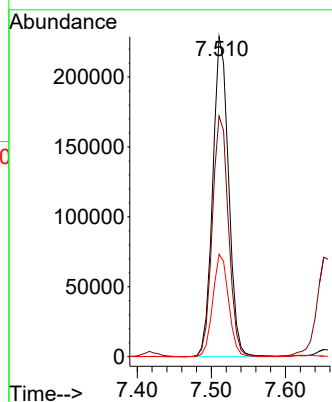
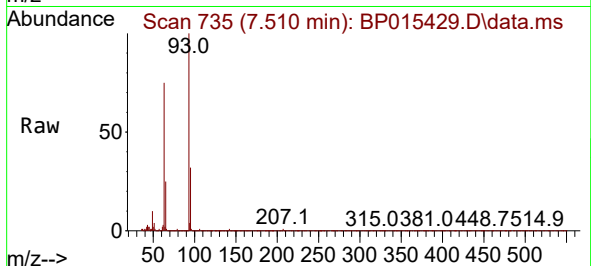


#10
Bis(2-Chloroethyl)ether
Concen: 28.504 ng/ul
RT: 7.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Instrument :
BNA_P
ClientSampleId :
SLCS179

Tgt Ion: 93 Resp: 339693

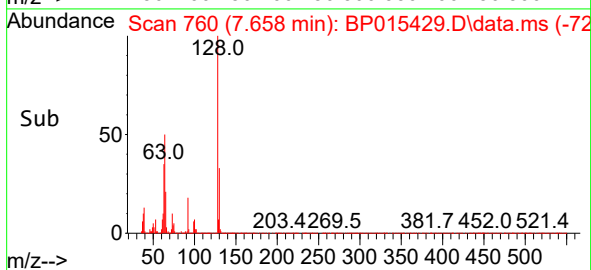
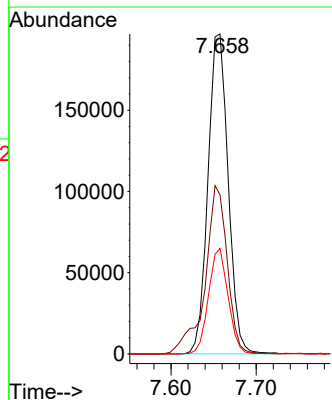
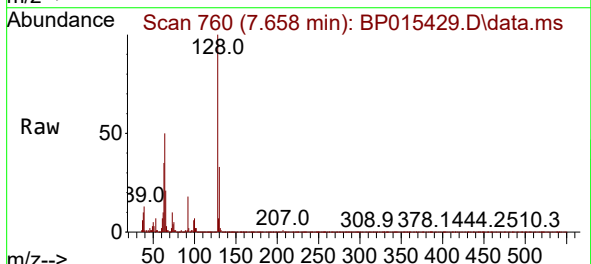
Ion	Ratio	Lower	Upper
93	100		
63	75.1	62.6	93.8
95	32.0	25.5	38.3

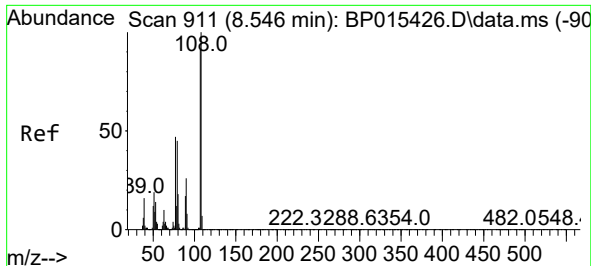


#12
2-Chlorophenol
Concen: 28.941 ng/ul
RT: 7.658 min Scan# 760
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:128 Resp: 323909

Ion	Ratio	Lower	Upper
128	100		
64	49.7	40.2	60.4
130	33.0	24.5	36.7

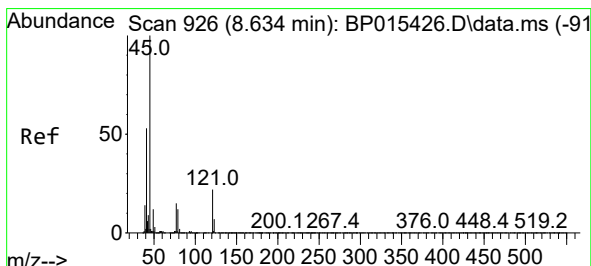
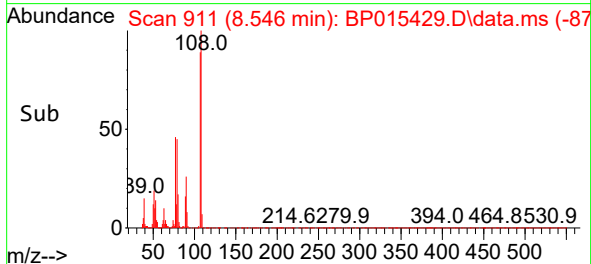
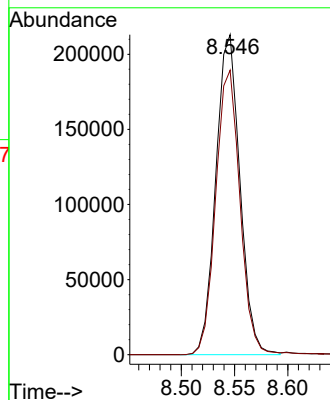
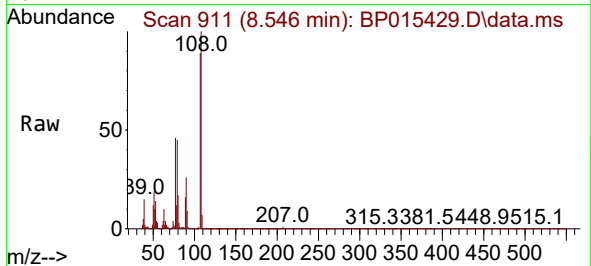




#13
2-Methylphenol
Concen: 28.853 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

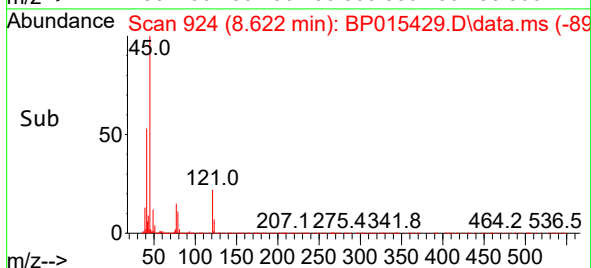
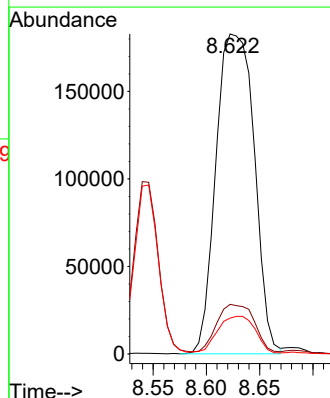
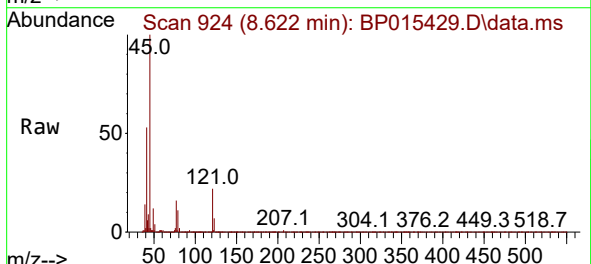
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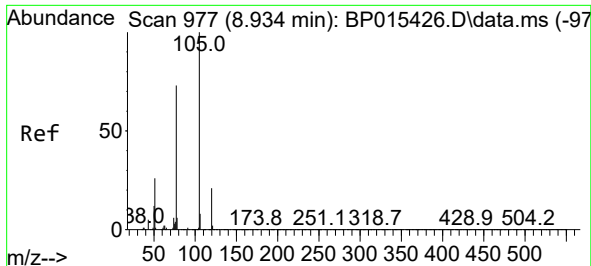
Tgt Ion:108 Resp: 334622
Ion Ratio Lower Upper
108 100
107 88.9 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.878 ng/ul
RT: 8.622 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion: 45 Resp: 456063
Ion Ratio Lower Upper
45 100
77 15.5 11.8 17.8
79 11.2 8.7 13.1

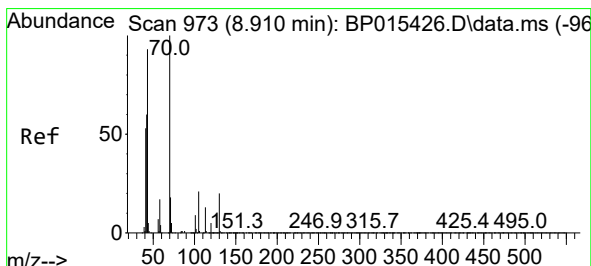
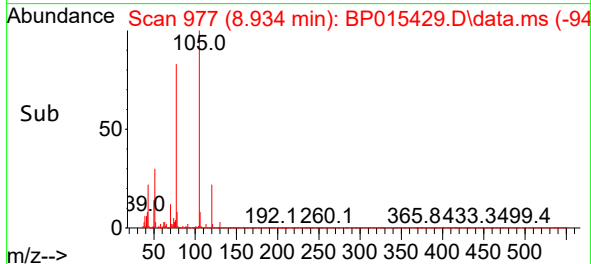
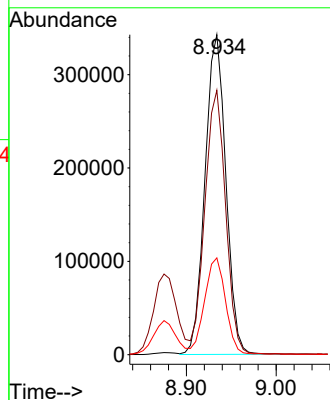
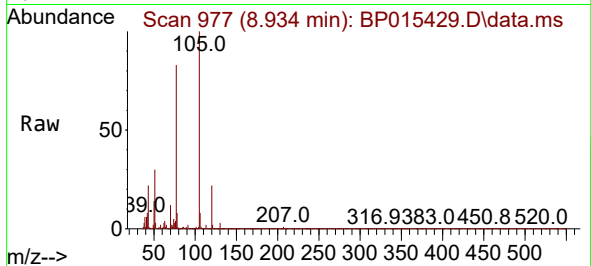




#16
Acetophenone
Concen: 28.901 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

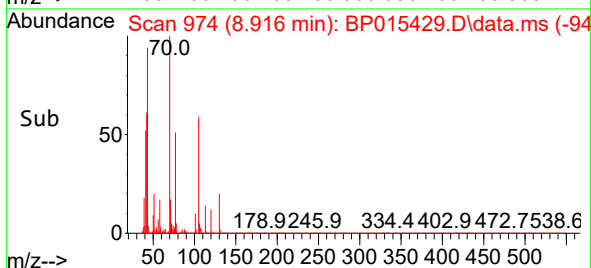
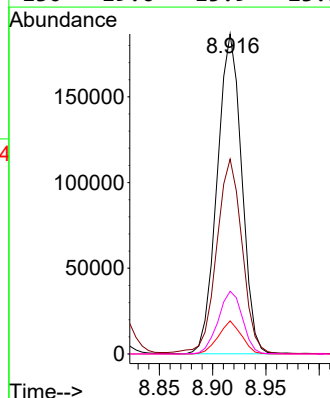
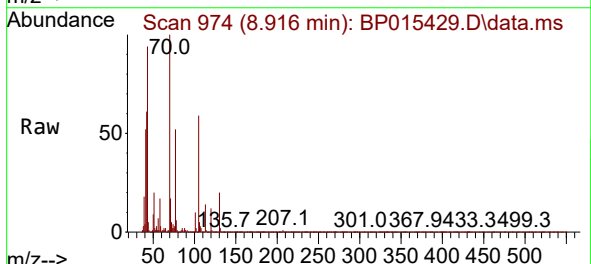
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ClientSampleId :
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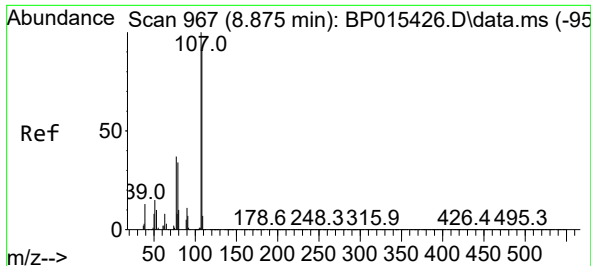
Tgt Ion:105 Resp: 553053
Ion Ratio Lower Upper
105 100
77 82.6 64.9 97.3
51 30.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 28.895 ng/ul
RT: 8.916 min Scan# 974
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion: 70 Resp: 298438
Ion Ratio Lower Upper
70 100
42 60.9 46.6 69.8
101 10.3 7.8 11.6
130 19.6 15.9 23.9

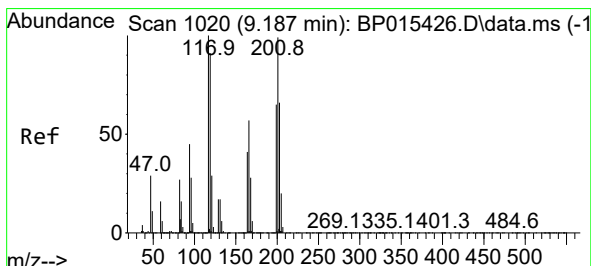
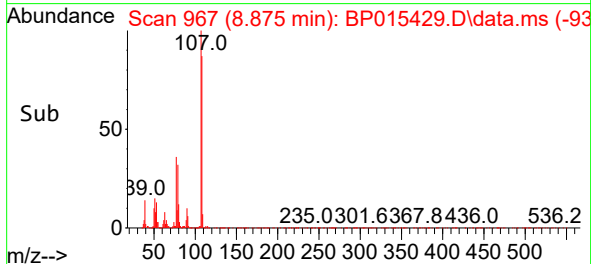
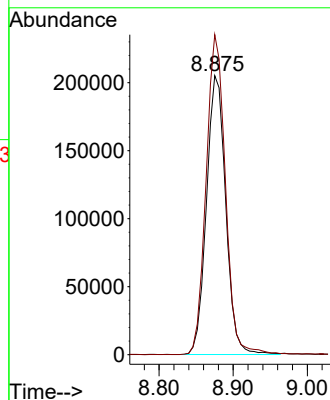
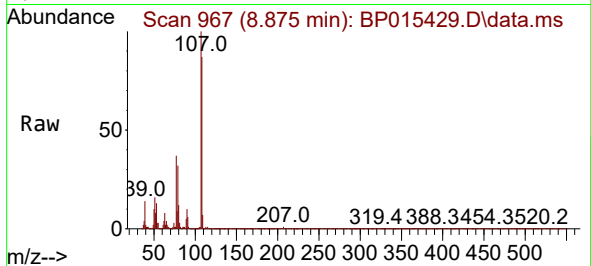




#18
4-Methylphenol
Concen: 29.130 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

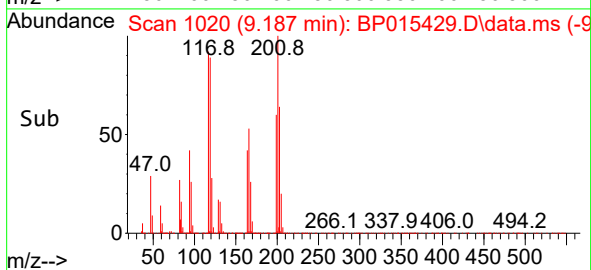
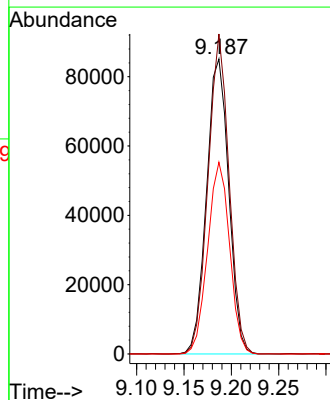
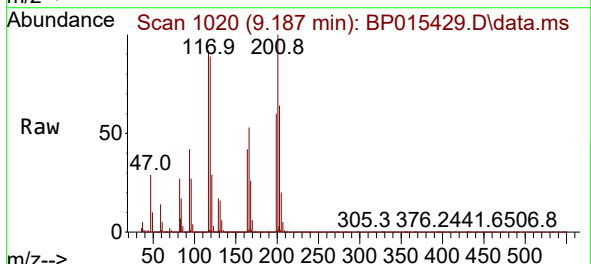
Instrument :
BNA_P
ClientSampleId :
SLCS179

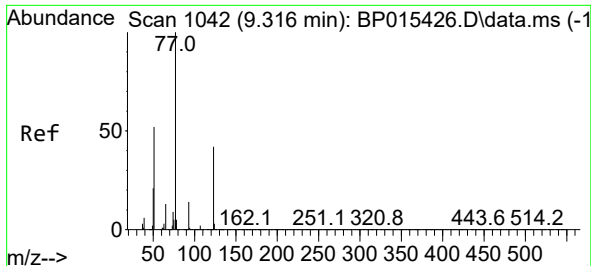
Tgt Ion:108 Resp: 371702
Ion Ratio Lower Upper
108 100
107 114.7 89.3 133.9



#19
Hexachloroethane
Concen: 29.266 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:117 Resp: 138413
Ion Ratio Lower Upper
117 100
201 108.5 82.8 124.2
199 65.0 50.6 76.0

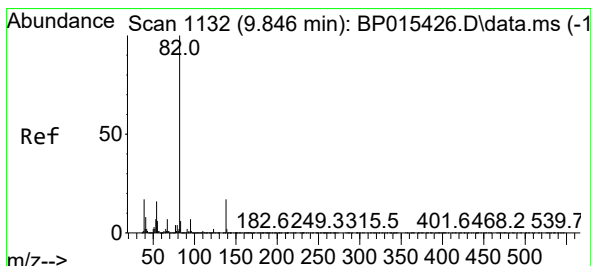
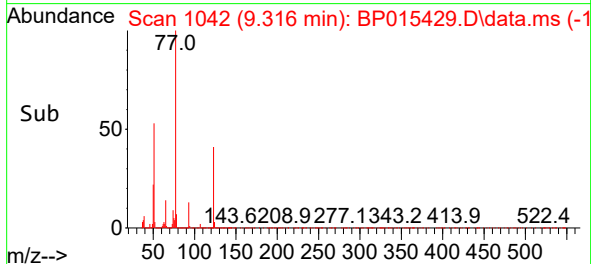
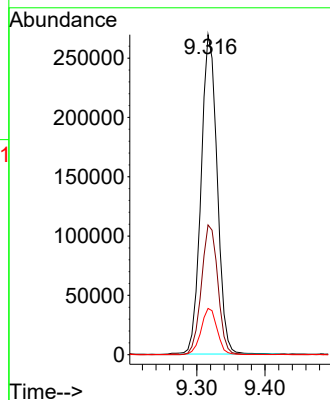
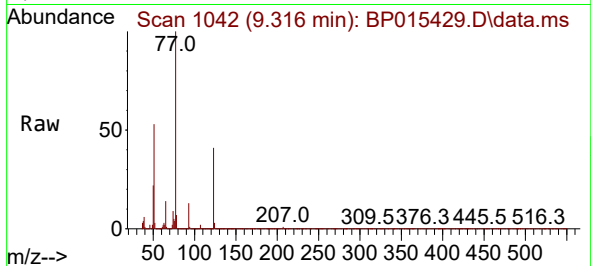




#22
Nitrobenzene
Concen: 29.827 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

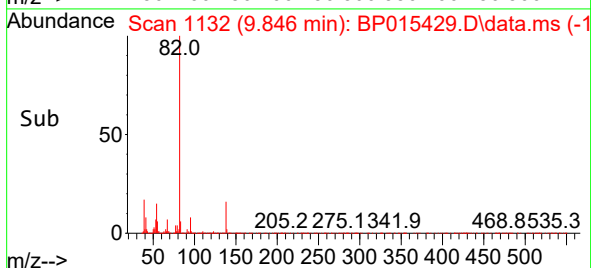
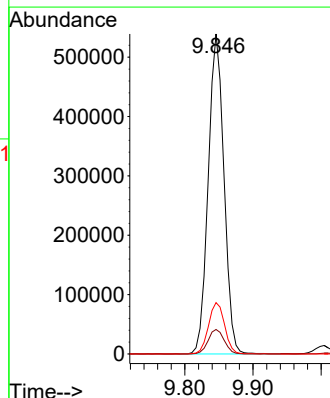
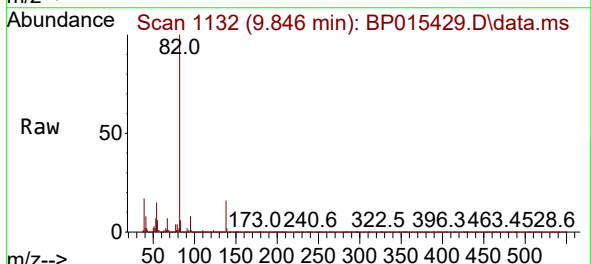
Instrument :
BNA_P
ClientSampleId :
SLCS179

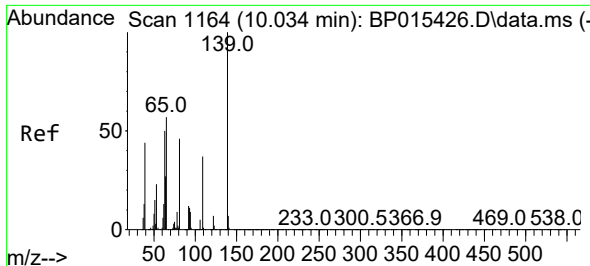
Tgt Ion: 77 Resp: 441807
Ion Ratio Lower Upper
77 100
123 40.5 33.5 50.3
65 14.5 11.6 17.4



#23
Isophorone
Concen: 29.219 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion: 82 Resp: 866386
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.1 13.1 19.7

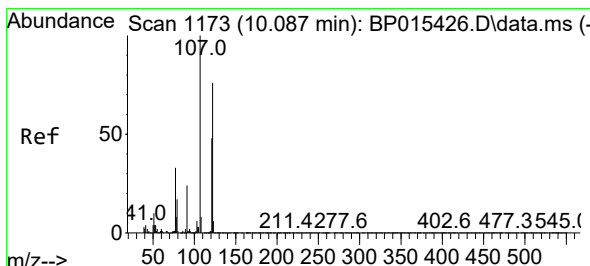
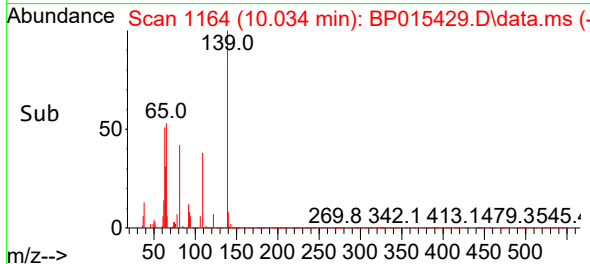
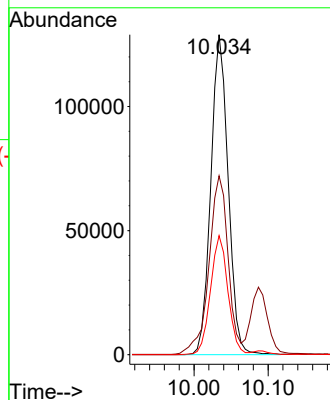
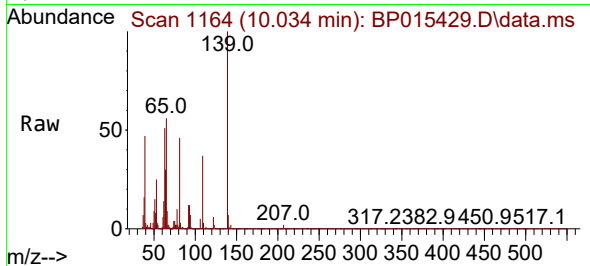




#25
2-Nitrophenol
Concen: 30.377 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

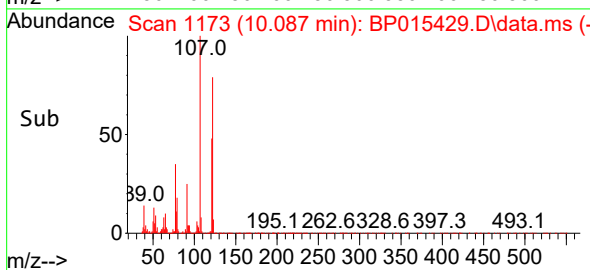
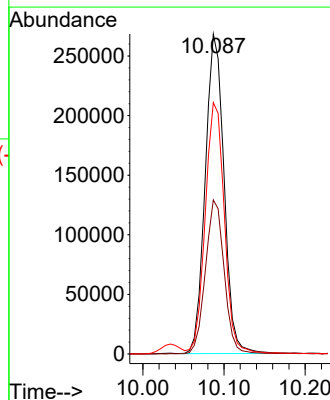
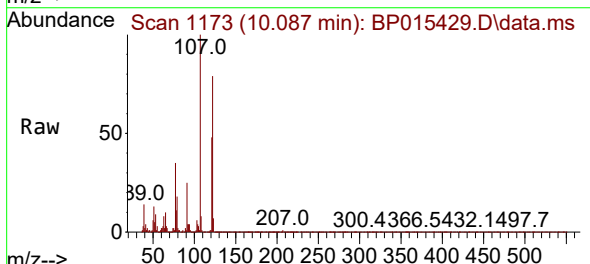
Instrument :
BNA_P
ClientSampleId :
SLCS179

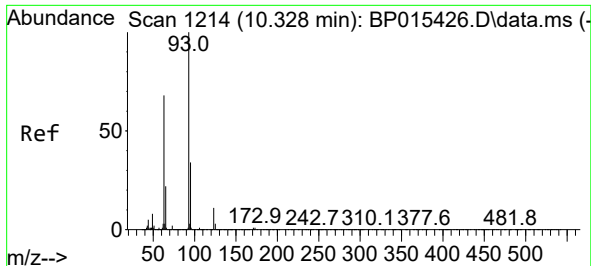
Tgt Ion:139 Resp: 209200
Ion Ratio Lower Upper
139 100
65 55.9 46.9 70.3
109 37.2 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 29.503 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:107 Resp: 430876
Ion Ratio Lower Upper
107 100
121 48.1 39.0 58.6
122 78.5 64.8 97.2

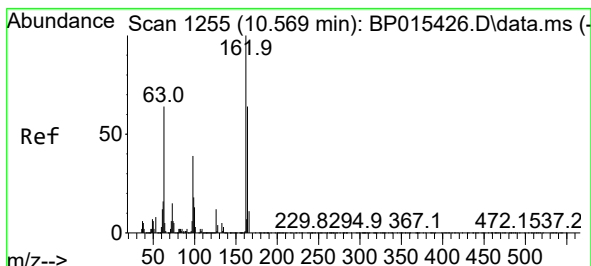
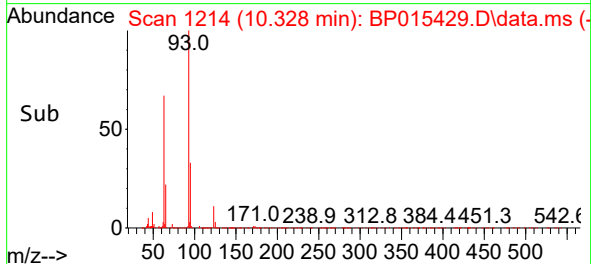
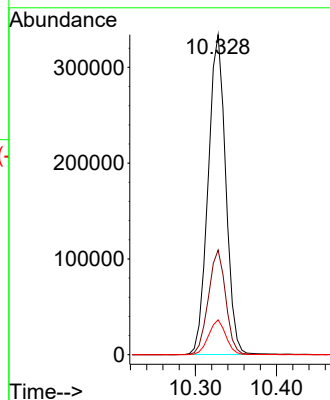
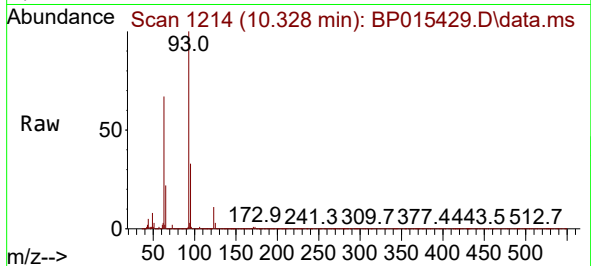




#27
Bis(2-Chloroethoxy)methane
Concen: 29.155 ng/ul
RT: 10.328 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

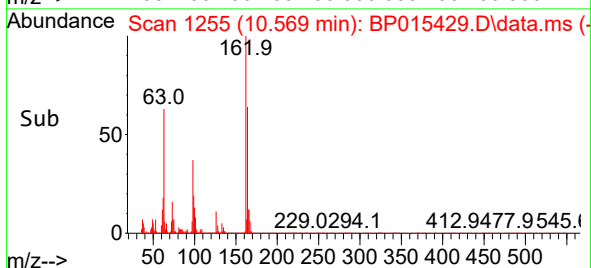
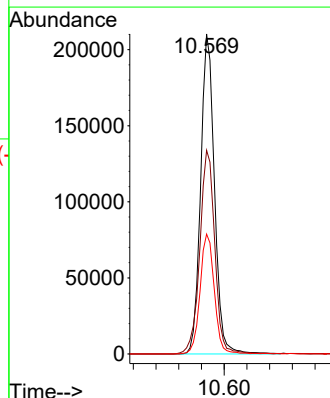
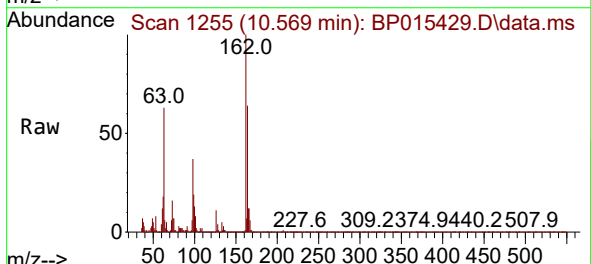
Instrument :
BNA_P
ClientSampleId :
SLCS179

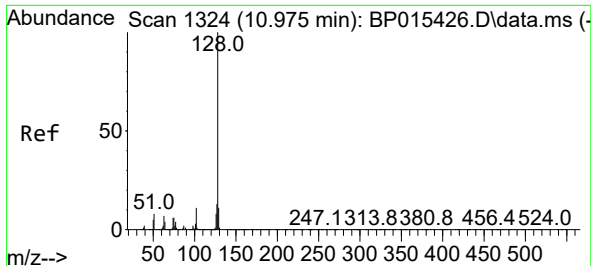
Tgt Ion: 93 Resp: 502597
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 10.9 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 30.765 ng/ul
RT: 10.569 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:162 Resp: 355913
Ion Ratio Lower Upper
162 100
164 63.6 50.6 76.0
98 37.5 30.2 45.2

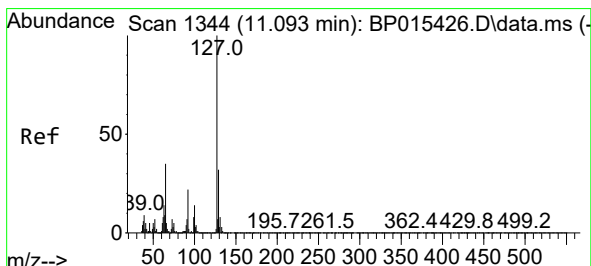
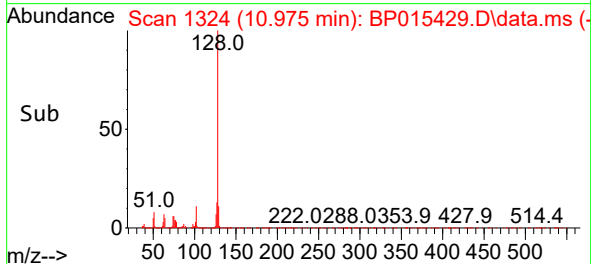
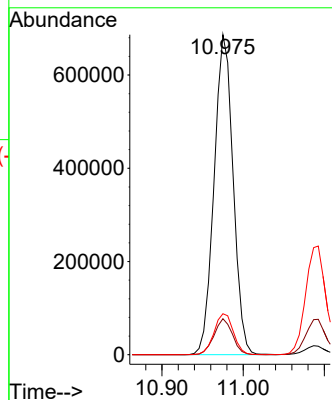
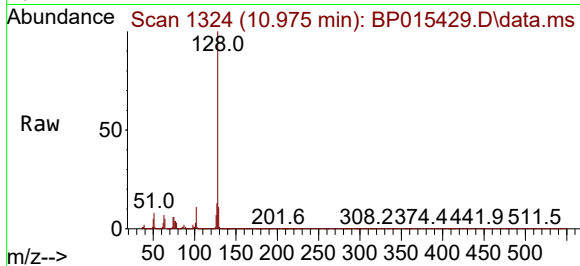




#30
Naphthalene
Concen: 29.019 ng/ul
RT: 10.975 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

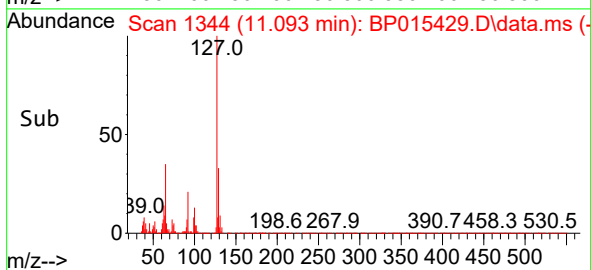
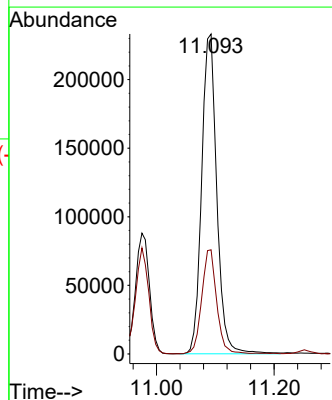
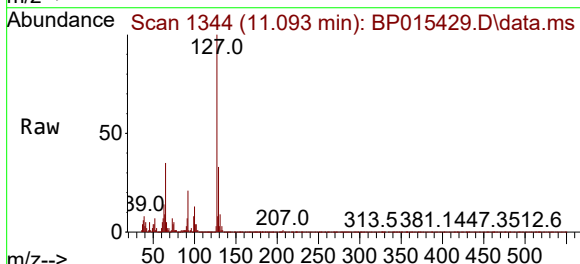
Instrument :
BNA_P
ClientSampleId :
SLCS179

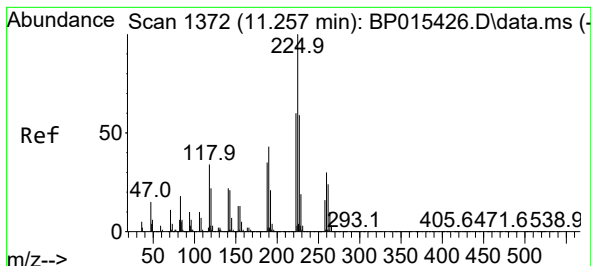
Tgt Ion:128 Resp: 1118693
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 24.091 ng/ul
RT: 11.093 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:127 Resp: 416309
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 29.816 ng/ul

RT: 11.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

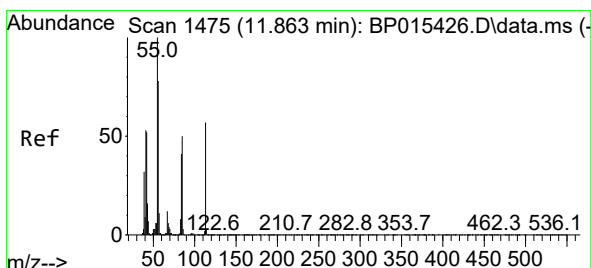
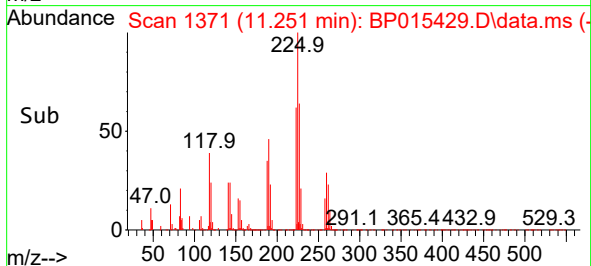
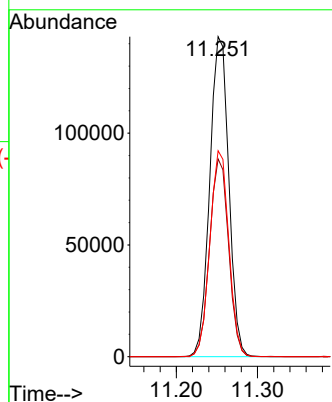
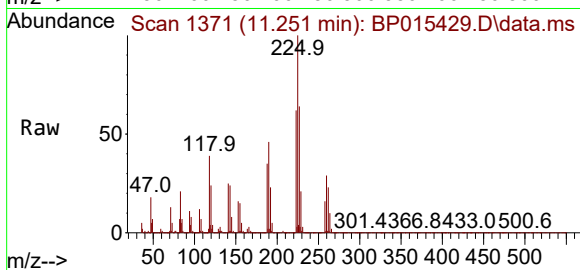
Tgt Ion:225 Resp: 232620

Ion Ratio Lower Upper

225 100

223 61.8 52.0 78.0

227 64.3 50.6 75.8



#34

Caprolactam

Concen: 19.505 ng/ul

RT: 11.875 min Scan# 1477

Delta R.T. 0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

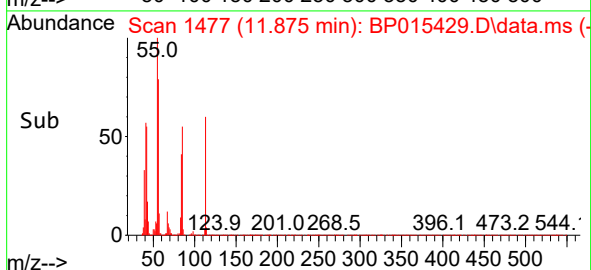
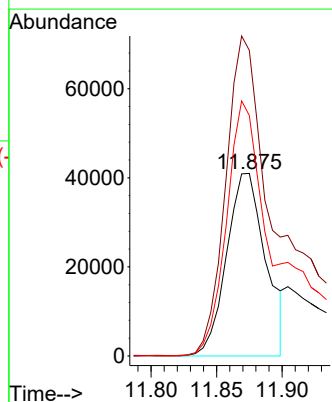
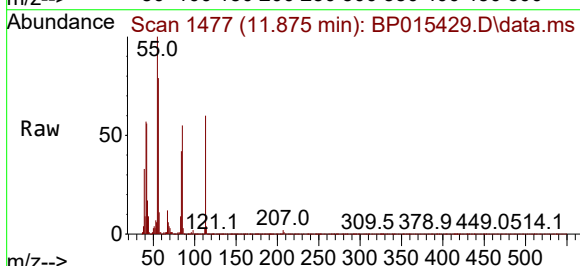
Tgt Ion:113 Resp: 84944

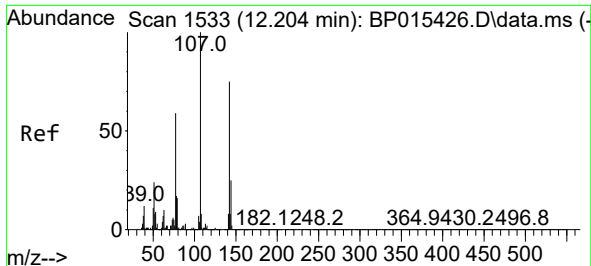
Ion Ratio Lower Upper

113 100

55 167.4 127.9 191.9

56 131.7 101.1 151.7

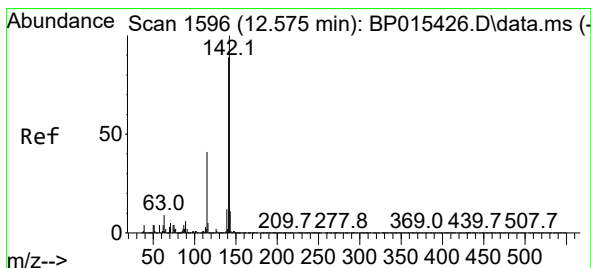
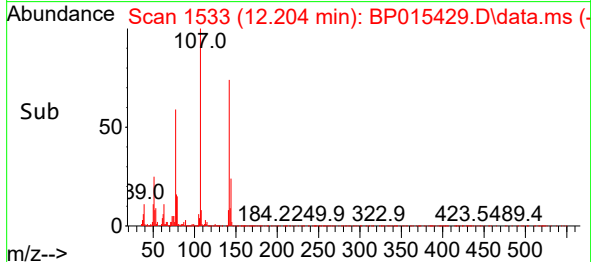
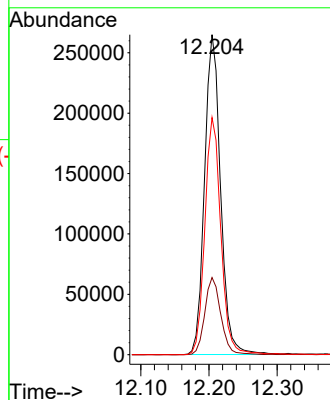
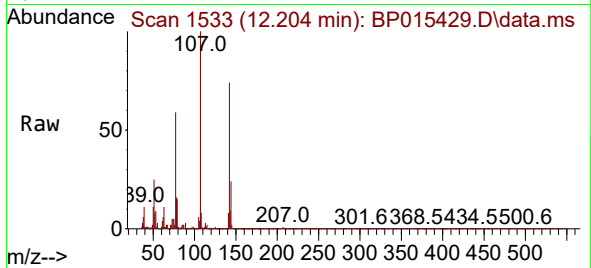




#35
4-Chloro-3-methylphenol
Concen: 30.988 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

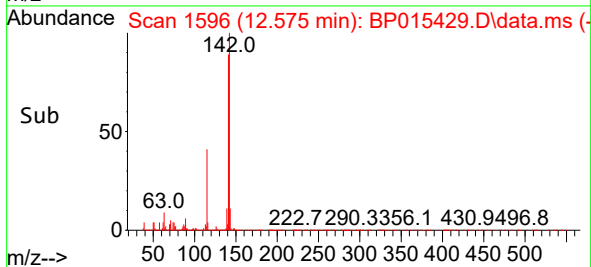
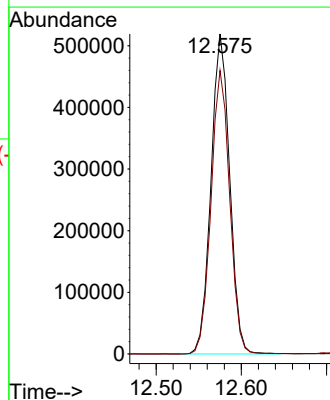
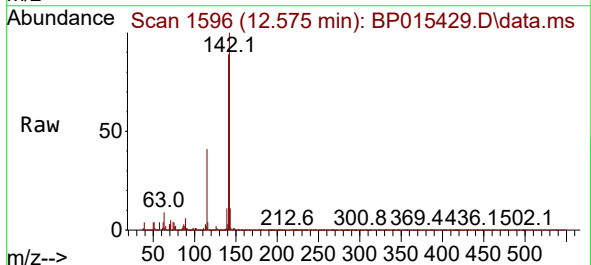
Instrument :
BNA_P
ClientSampleId :
SLCS179

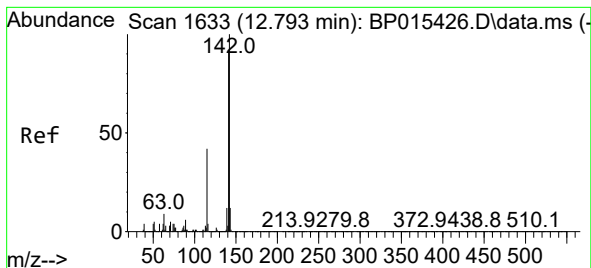
Tgt Ion:107 Resp: 434355
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.0
142 74.1 60.4 90.6



#36
2-Methylnaphthalene
Concen: 29.257 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:142 Resp: 792888
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0





#37

1-Methylnaphthalene

Concen: 29.169 ng/ul

RT: 12.793 min Scan# 1633

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

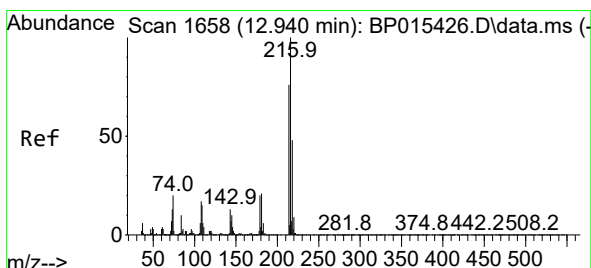
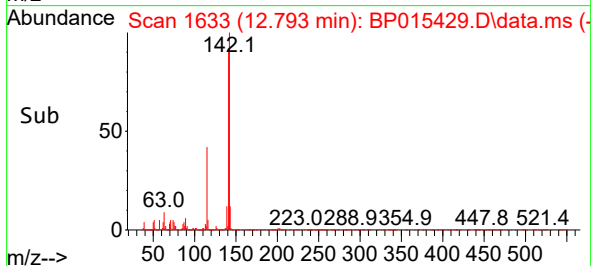
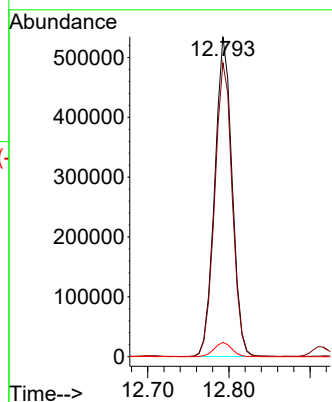
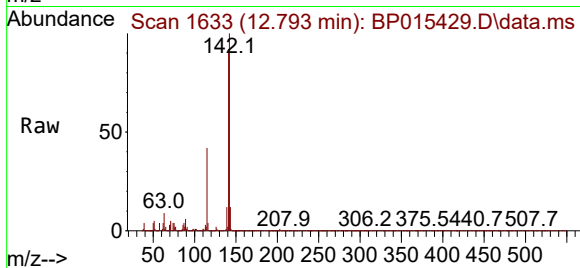
Tgt Ion:142 Resp: 795925

Ion Ratio Lower Upper

142 100

141 91.8 71.9 107.9

116 4.5 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.953 ng/ul

RT: 12.940 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Tgt Ion:216 Resp: 456245

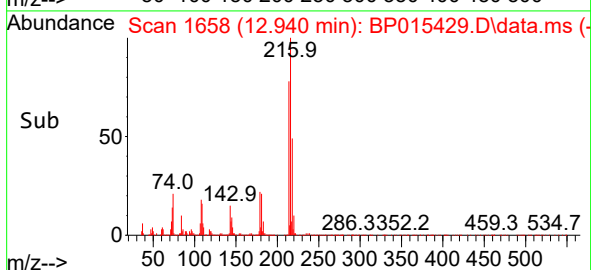
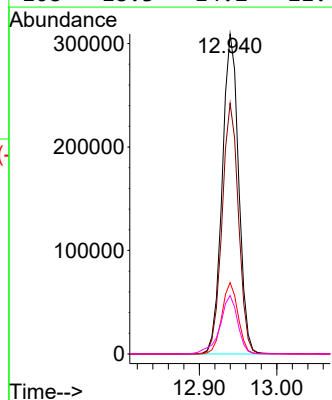
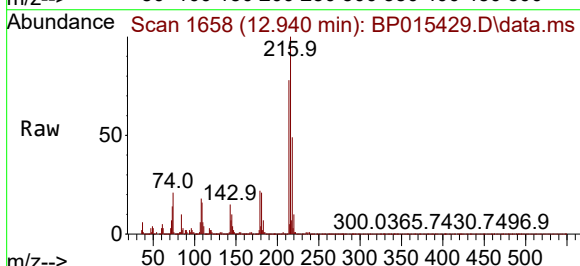
Ion Ratio Lower Upper

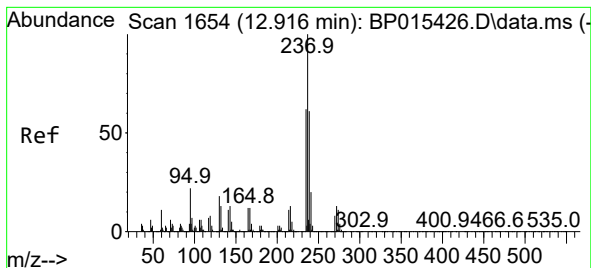
216 100

214 78.4 62.2 93.2

179 22.3 17.4 26.2

108 18.3 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 32.391 ng/ul

RT: 12.916 min Scan# 1654

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

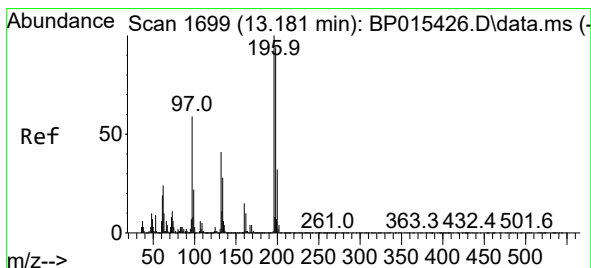
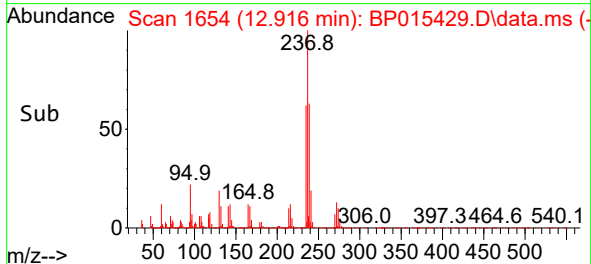
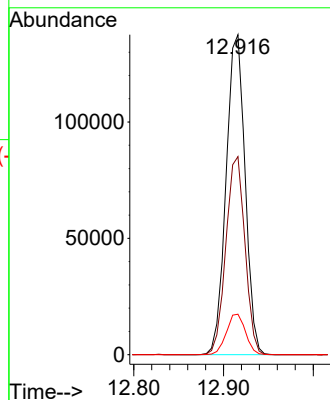
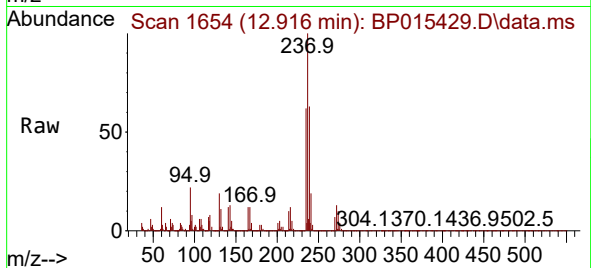
Tgt Ion:237 Resp: 202239

Ion Ratio Lower Upper

237 100

235 61.9 48.2 72.2

272 12.7 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 30.818 ng/ul

RT: 13.181 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

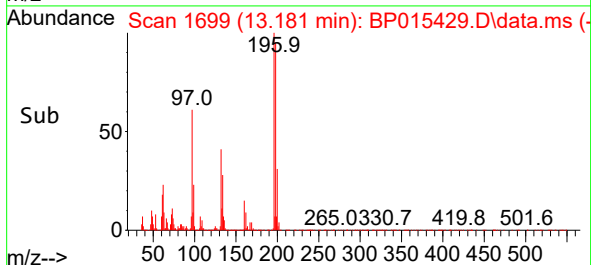
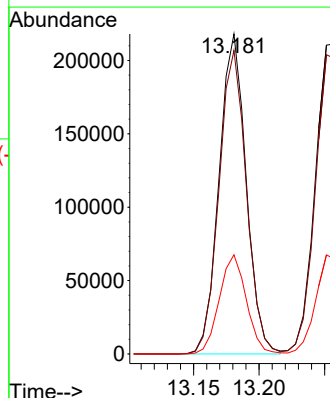
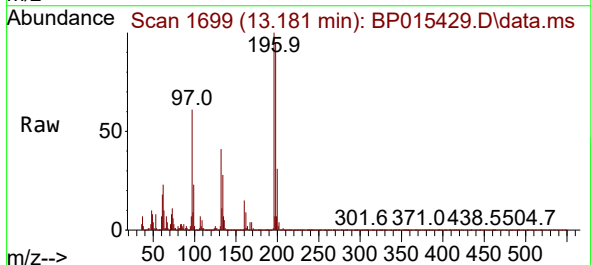
Tgt Ion:196 Resp: 312430

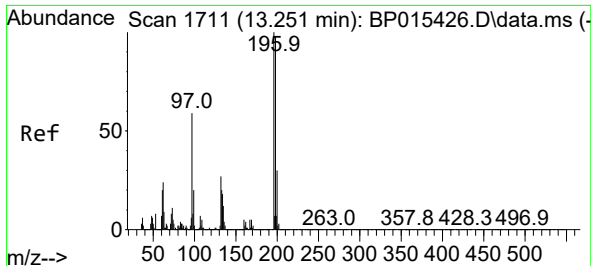
Ion Ratio Lower Upper

196 100

198 94.8 77.8 116.6

200 31.0 25.8 38.6

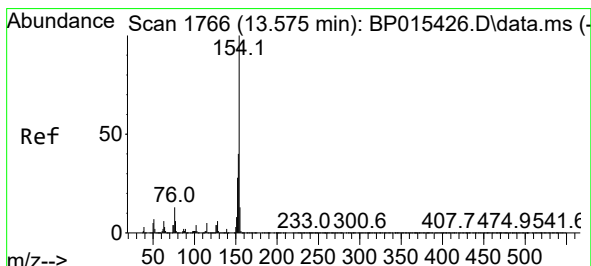
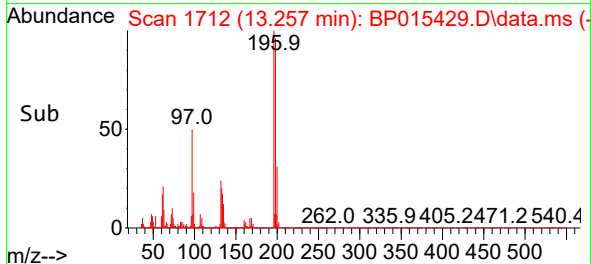
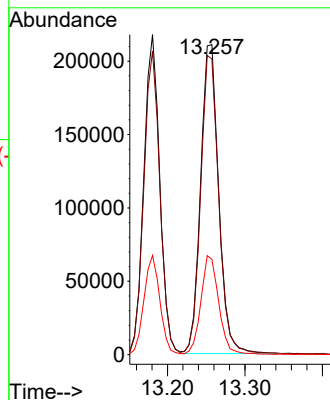
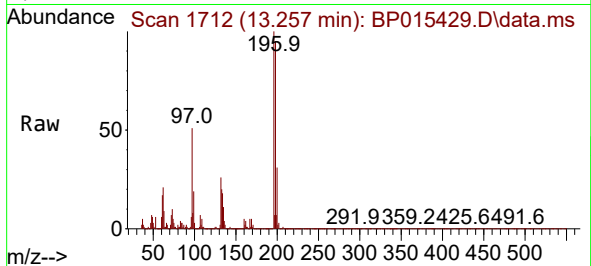




#42
2,4,5-Trichlorophenol
Concen: 30.964 ng/ul
RT: 13.257 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

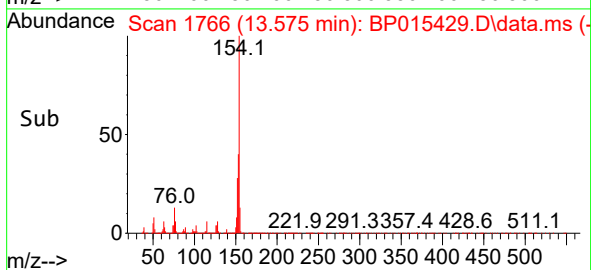
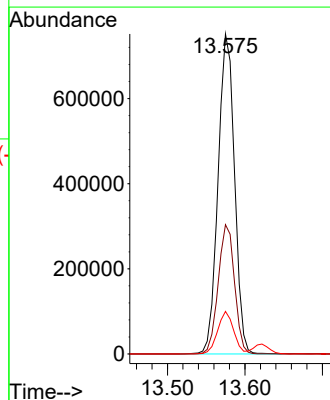
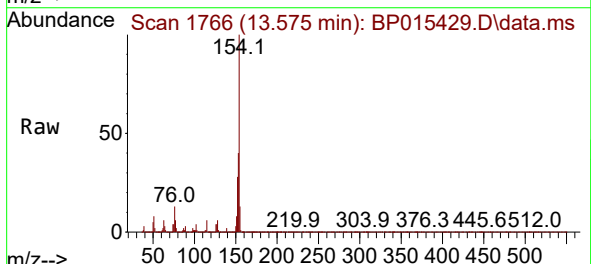
Instrument :
BNA_P
ClientSampleId :
SLCS179

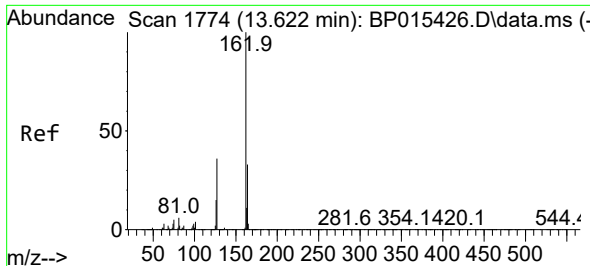
Tgt Ion:196 Resp: 342066
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
200 30.8 24.7 37.1



#43
1,1'-Biphenyl
Concen: 29.354 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:154 Resp: 1110389
Ion Ratio Lower Upper
154 100
153 40.4 32.2 48.2
76 13.3 10.4 15.6

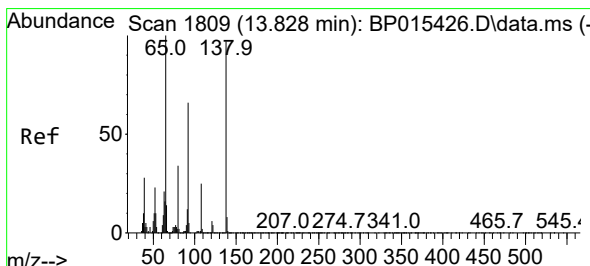
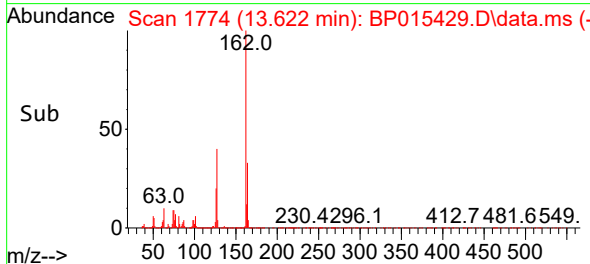
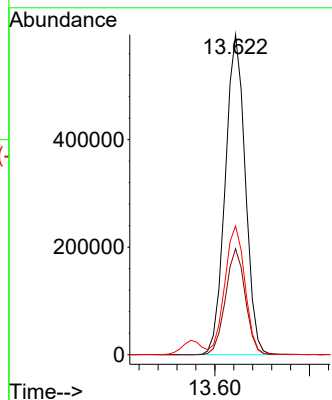
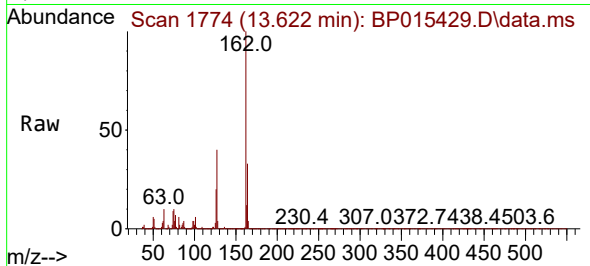




#44
2-Chloronaphthalene
Concen: 29.423 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

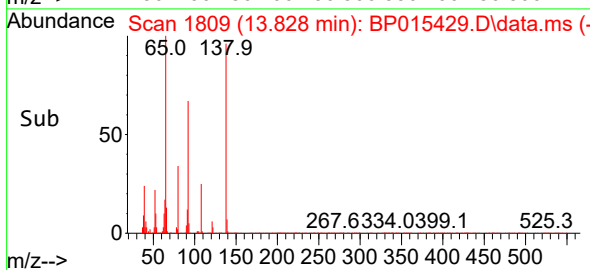
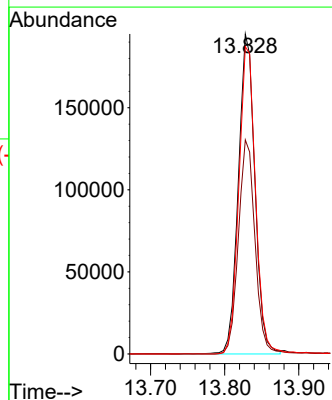
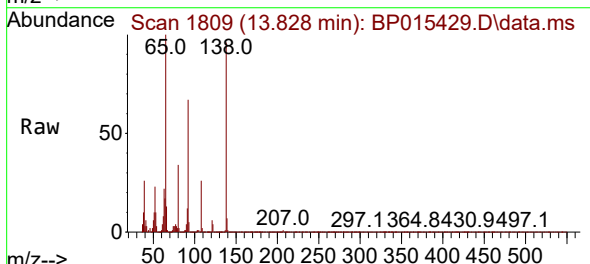
Instrument :
BNA_P
ClientSampleId :
SLCS179

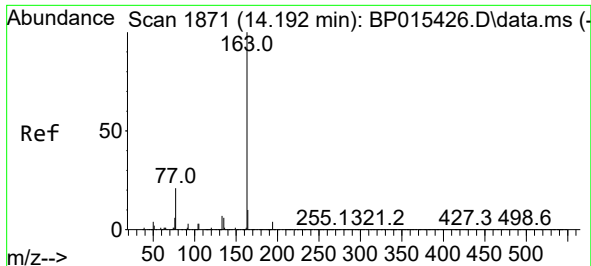
Tgt Ion:162 Resp: 873240
Ion Ratio Lower Upper
162 100
164 33.1 27.0 40.6
127 40.2 32.2 48.4



#45
2-Nitroaniline
Concen: 31.767 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion: 65 Resp: 301742
Ion Ratio Lower Upper
65 100
92 66.9 55.4 83.2
138 96.0 78.8 118.2

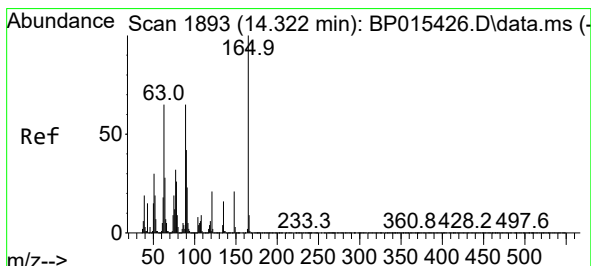
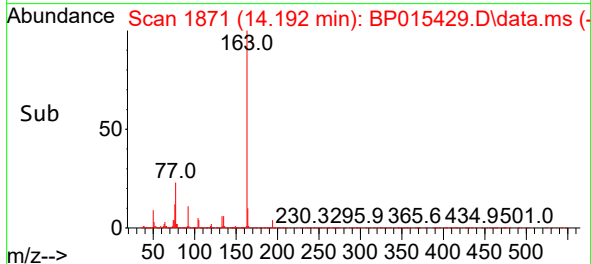
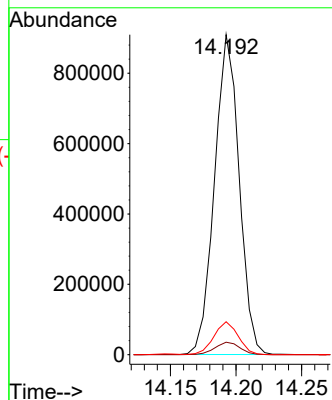
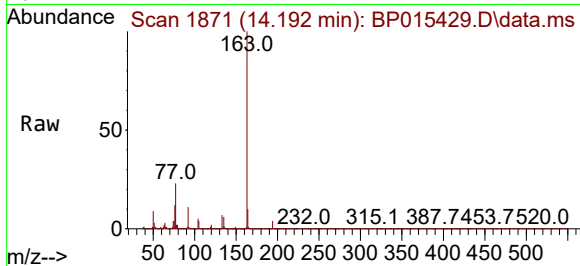




#47
Dimethylphthalate
Concen: 29.783 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

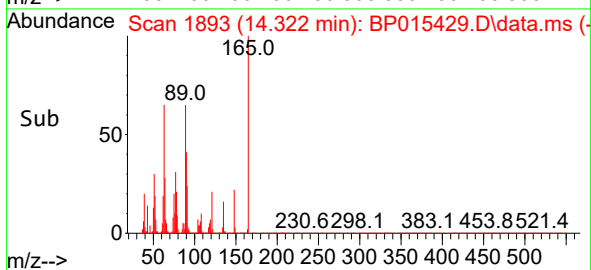
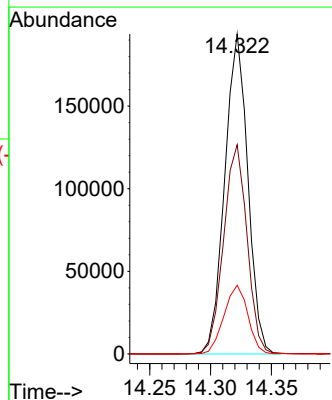
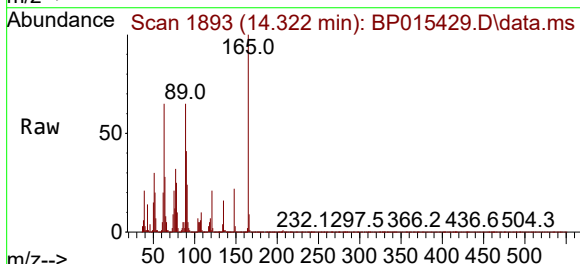
Instrument :
BNA_P
ClientSampleId :
SLCS179

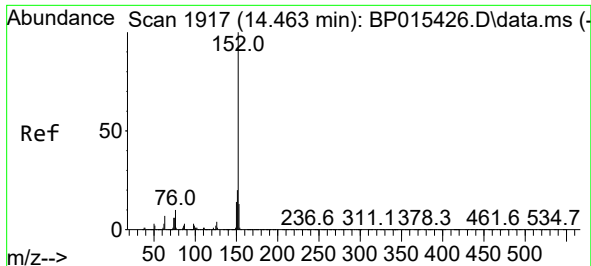
Tgt Ion:163 Resp: 1186142
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 31.319 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:165 Resp: 255542
Ion Ratio Lower Upper
165 100
89 65.4 51.5 77.3
121 21.4 17.3 25.9

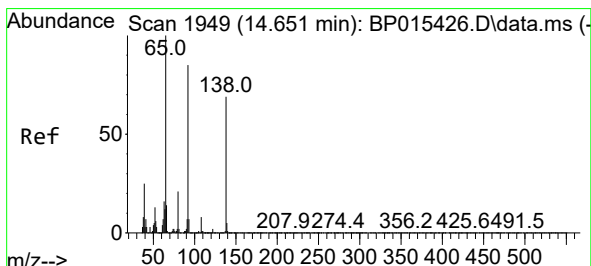
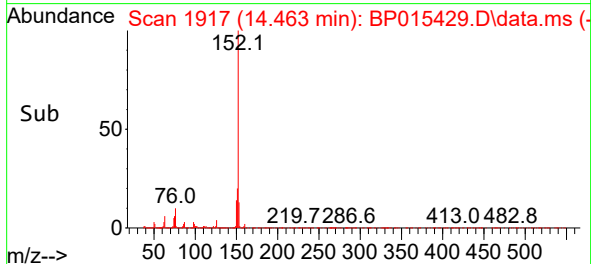
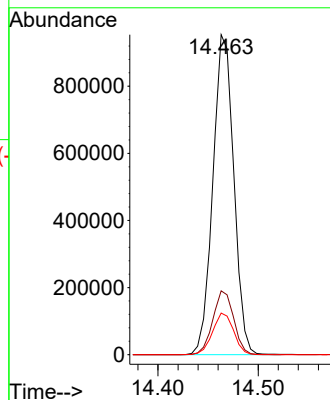
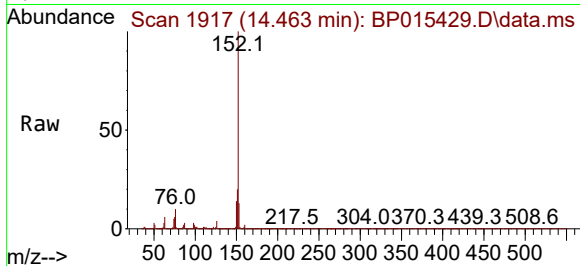




#50
Acenaphthylene
Concen: 29.563 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

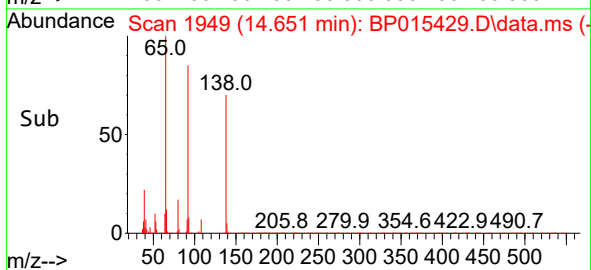
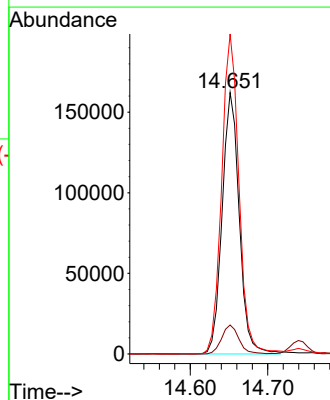
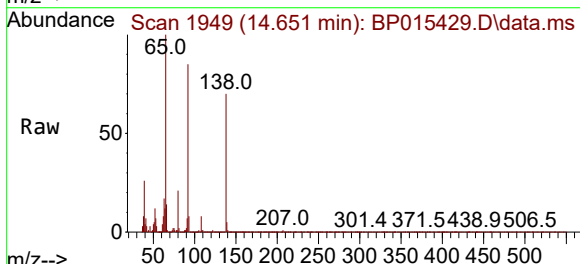
Instrument :
BNA_P
ClientSampleId :
SLCS179

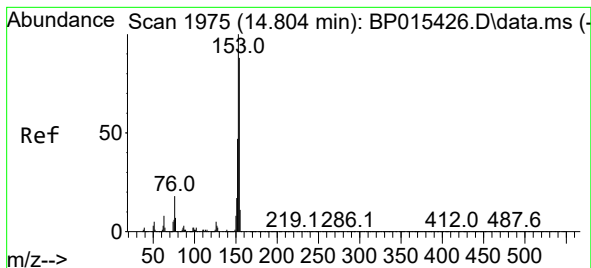
Tgt Ion:152 Resp: 1380825
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 36.899 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:138 Resp: 248541
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 122.4 98.0 147.0





#52

Acenaphthene

Concen: 29.632 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

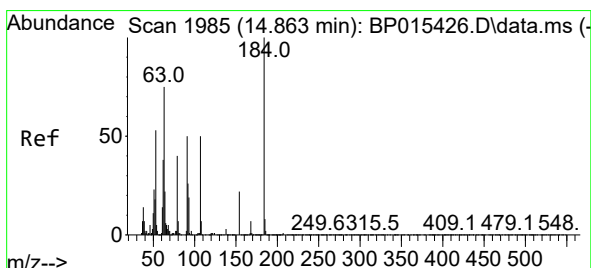
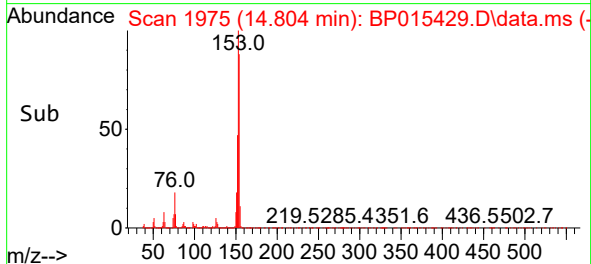
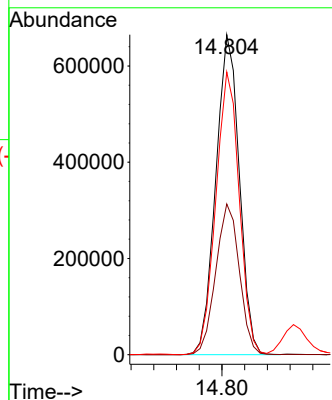
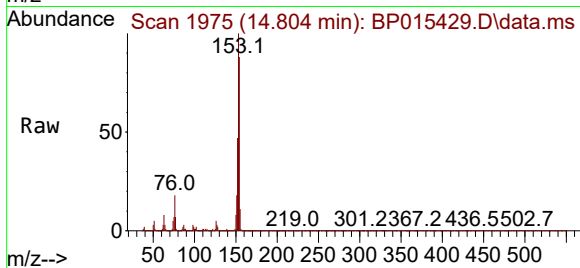
Tgt Ion:153 Resp: 956727

Ion Ratio Lower Upper

153 100

152 47.1 38.3 57.5

154 88.4 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 27.917 ng/ul

RT: 14.863 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

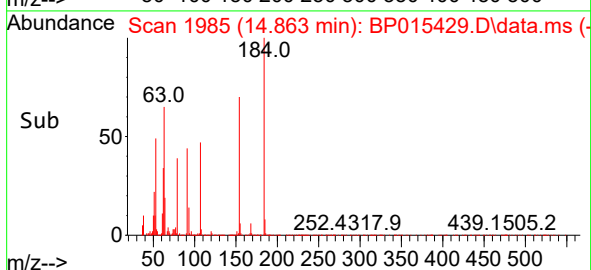
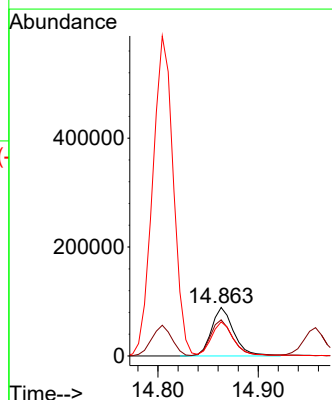
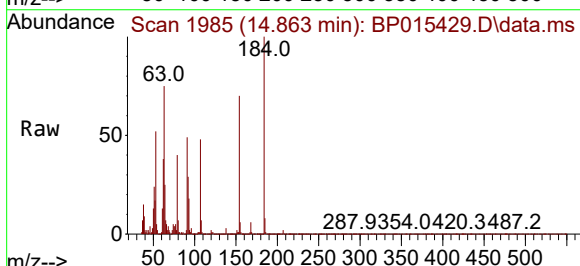
Tgt Ion:184 Resp: 137023

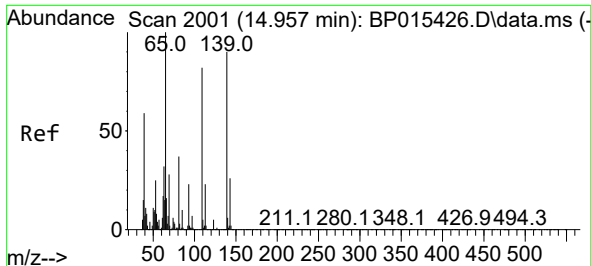
Ion Ratio Lower Upper

184 100

63 74.8 59.0 88.4

154 70.4 57.6 86.4

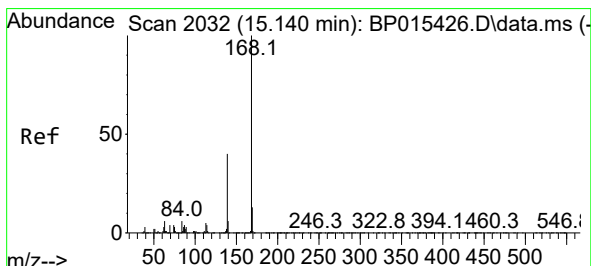
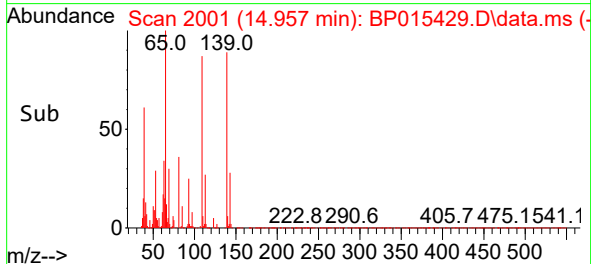
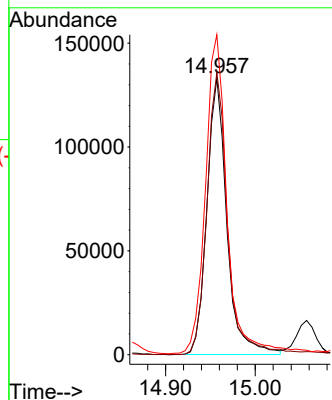
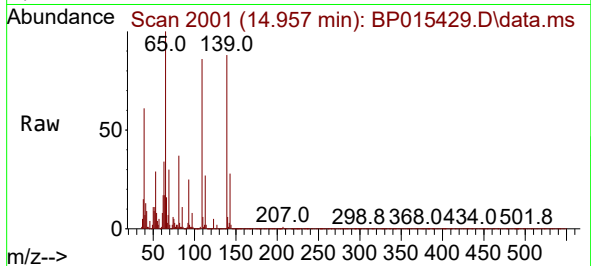




#55
4-Nitrophenol
Concen: 30.776 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

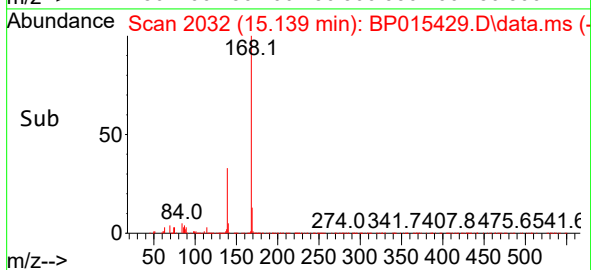
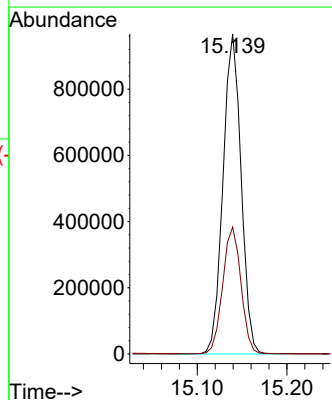
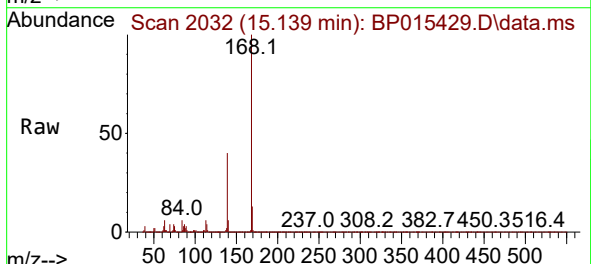
Instrument :
BNA_P
ClientSampleId :
SLCS179

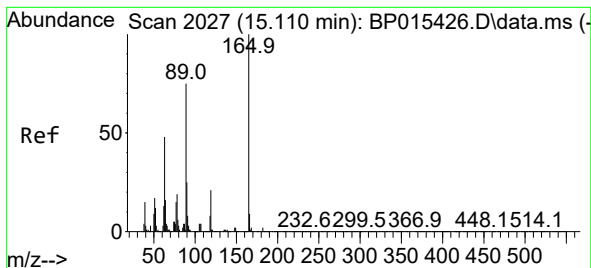
Tgt Ion:109 Resp: 205055
Ion Ratio Lower Upper
109 100
139 102.1 89.1 133.7
65 115.8 103.1 154.7



#56
Dibenzofuran
Concen: 29.535 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:168 Resp: 1351551
Ion Ratio Lower Upper
168 100
139 39.7 31.2 46.8

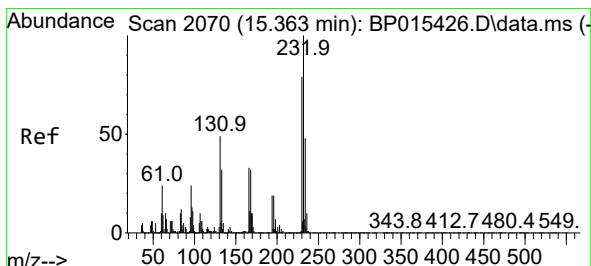
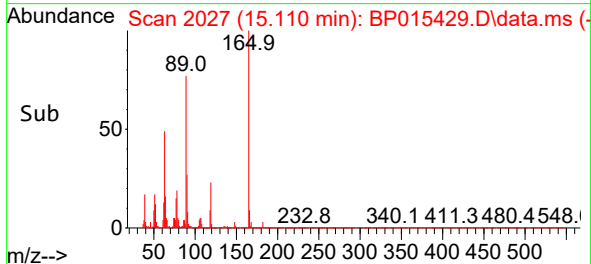
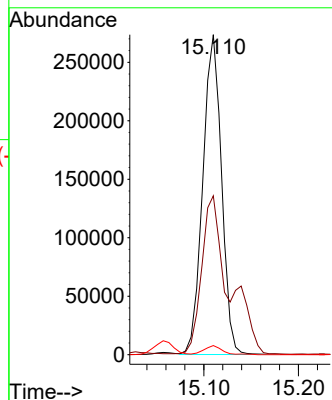
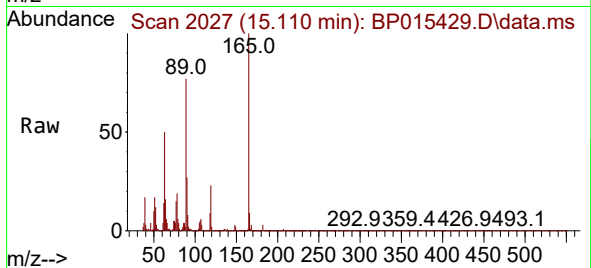




#57
2,4-Dinitrotoluene
Concen: 31.214 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

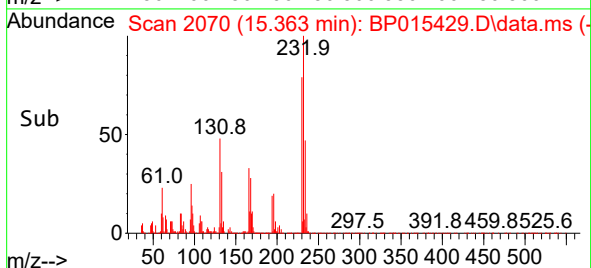
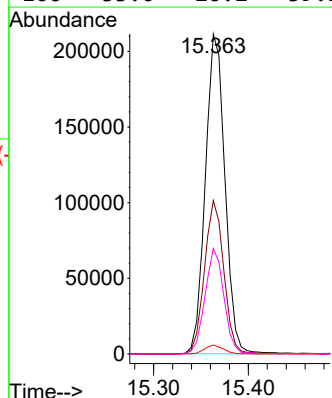
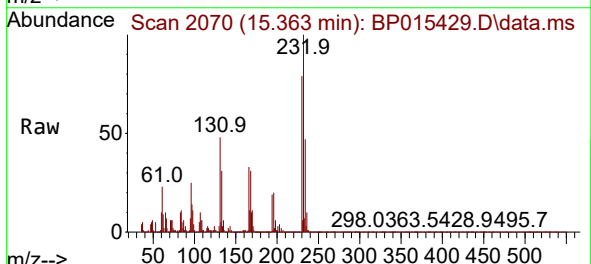
Instrument :
BNA_P
ClientSampleId :
SLCS179

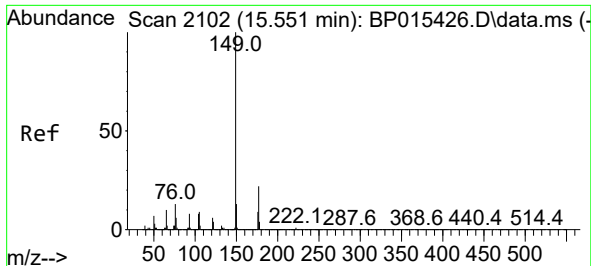
Tgt Ion:165 Resp: 374596
Ion Ratio Lower Upper
165 100
63 49.7 39.1 58.7
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.431 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:232 Resp: 303540
Ion Ratio Lower Upper
232 100
131 48.0 37.8 56.8
130 2.8 1.9 2.9
166 33.0 26.2 39.2

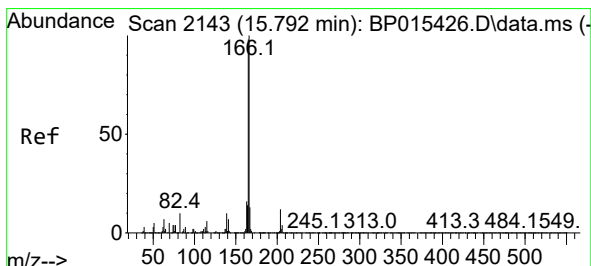
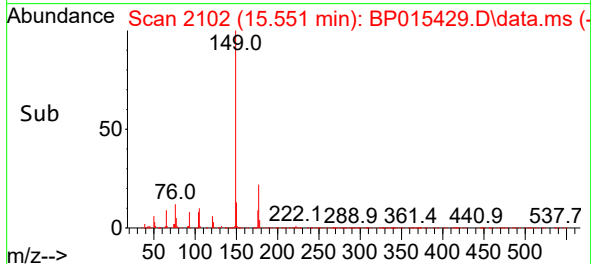
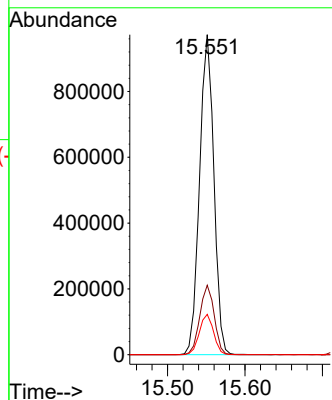
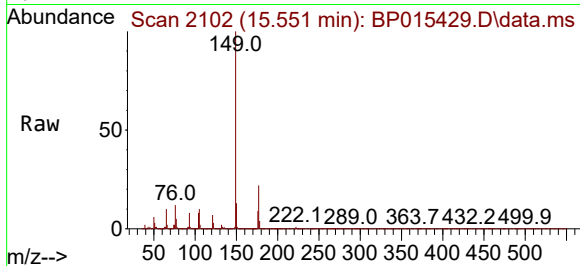




#59
Diethylphthalate
Concen: 30.529 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

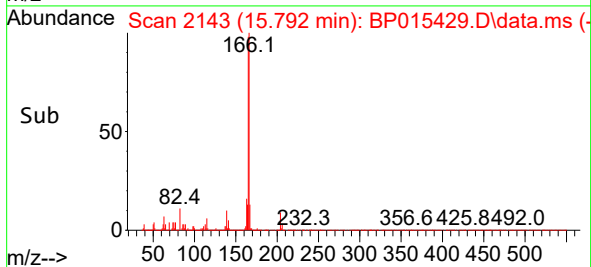
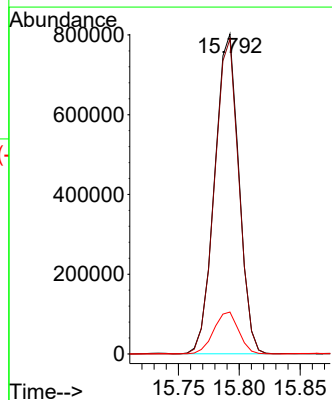
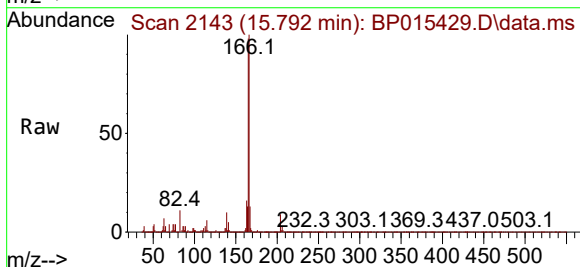
Instrument :
BNA_P
ClientSampleId :
SLCS179

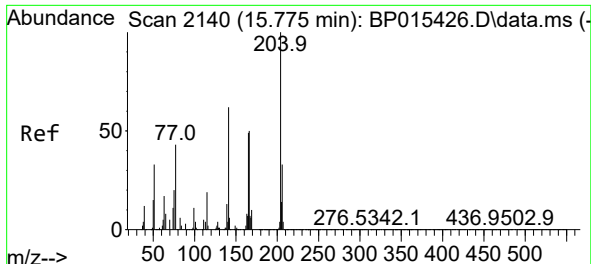
Tgt Ion:149 Resp: 1246123
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 29.761 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:166 Resp: 1110190
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.1 10.6 16.0

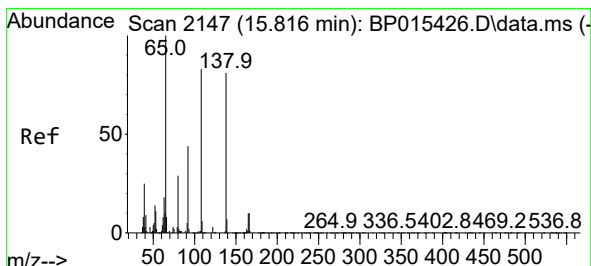
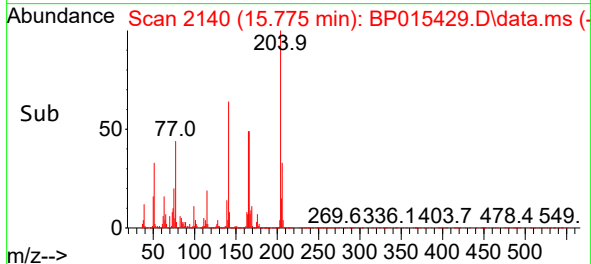
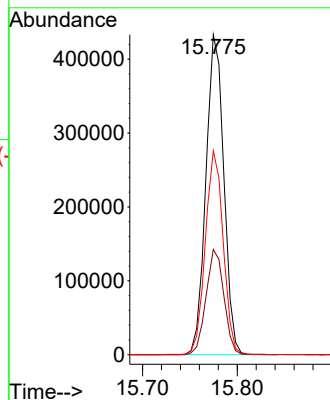
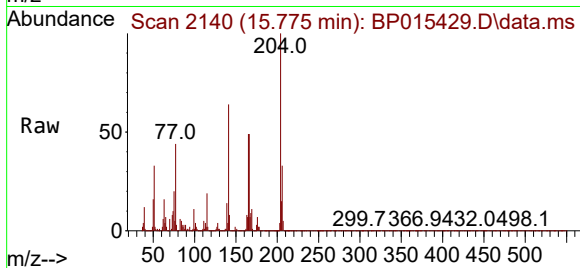




#62
4-Chlorophenyl-phenylether
Concen: 30.190 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

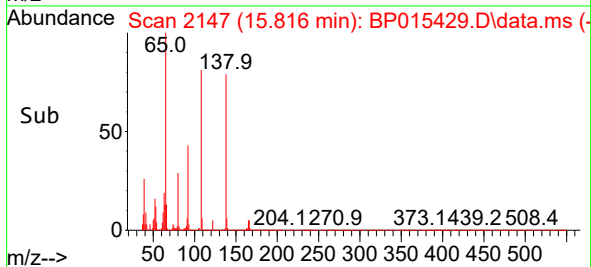
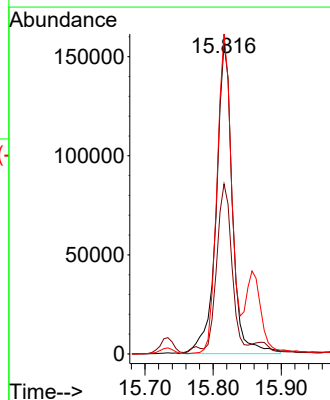
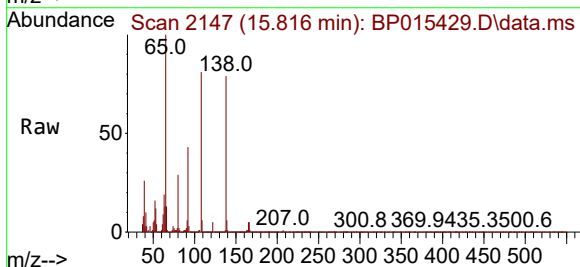
Instrument :
BNA_P
ClientSampleId :
SLCS179

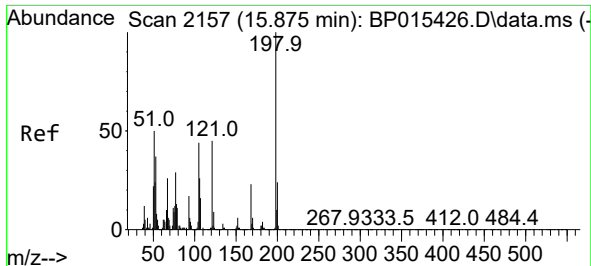
Tgt Ion:204 Resp: 567586
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 63.7 49.8 74.8



#63
4-Nitroaniline
Concen: 40.535 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:138 Resp: 258982
Ion Ratio Lower Upper
138 100
92 54.8 44.6 67.0
108 103.1 78.4 117.6

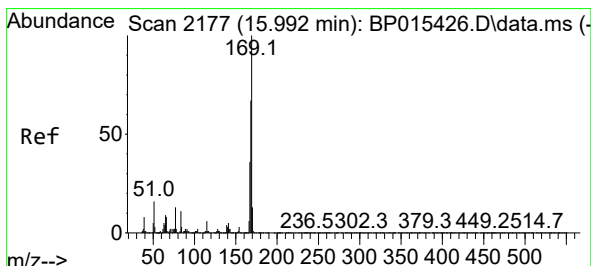
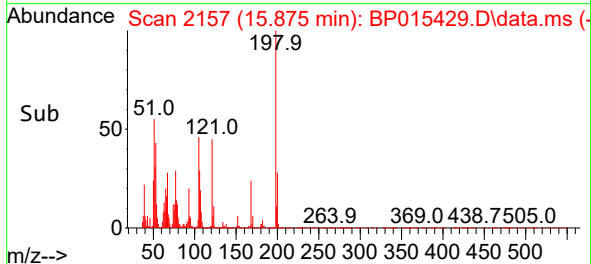
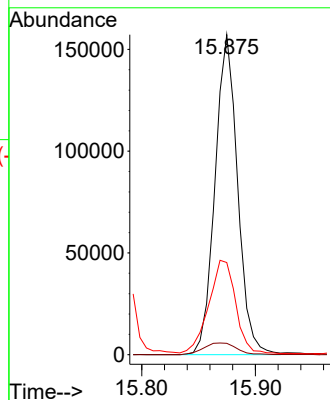
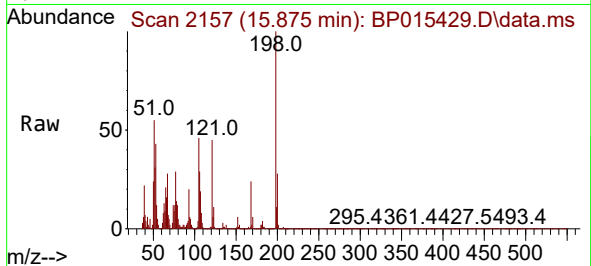




#66
4,6-Dinitro-2-methylphenol
Concen: 29.028 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

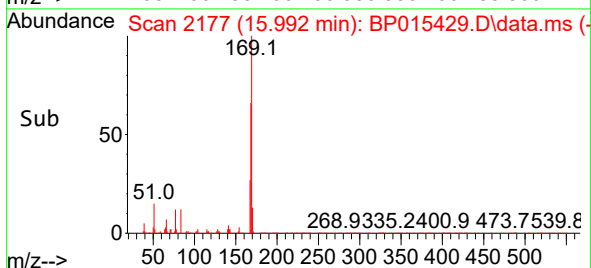
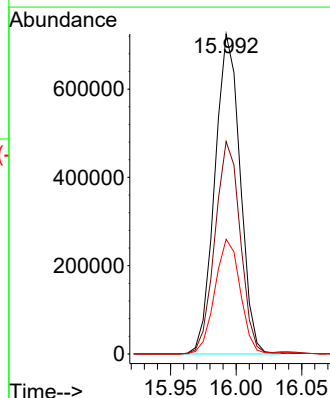
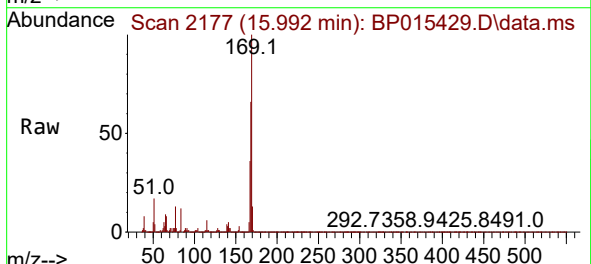
Instrument :
BNA_P
ClientSampleId :
SLCS179

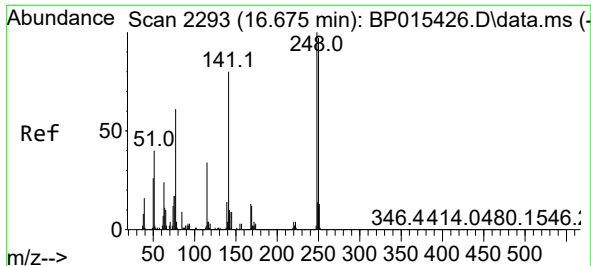
Tgt Ion:198 Resp: 217376
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.4
77 28.8 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 29.518 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:169 Resp: 970580
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 35.9 28.9 43.3

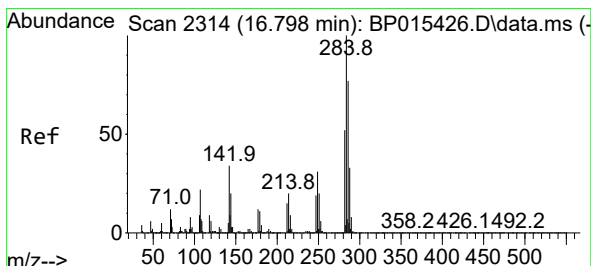
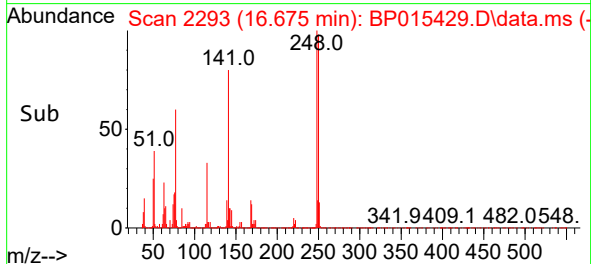
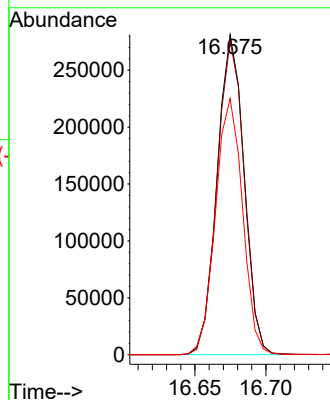
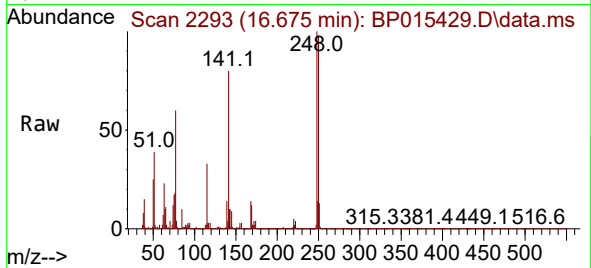




#68
4-Bromophenyl-phenylether
Concen: 29.974 ng/ul
RT: 16.675 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

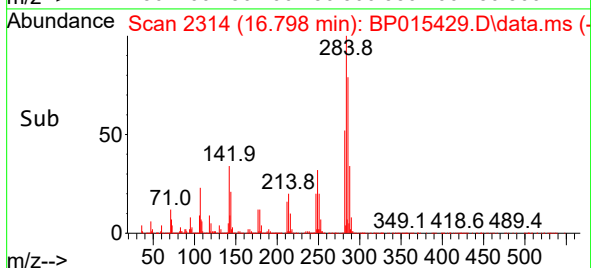
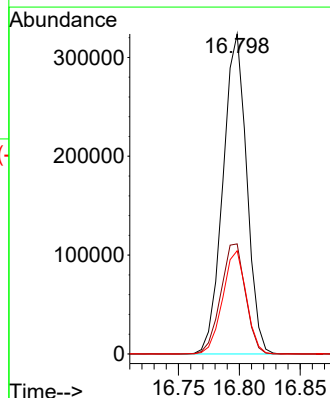
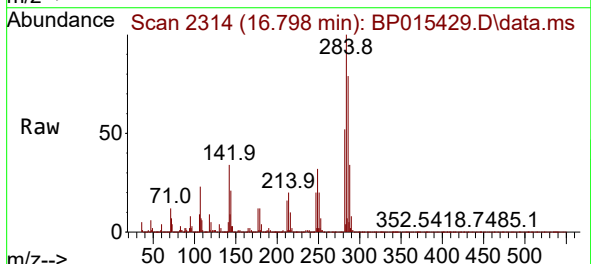
Instrument :
BNA_P
ClientSampleId :
SLCS179

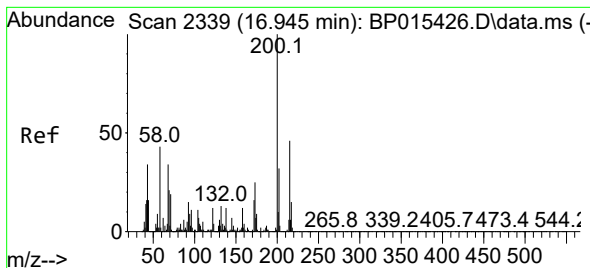
Tgt Ion:248 Resp: 371659
Ion Ratio Lower Upper
248 100
250 98.2 78.3 117.5
141 80.1 61.1 91.7



#69
Hexachlorobenzene
Concen: 30.030 ng/ul
RT: 16.798 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:284 Resp: 439236
Ion Ratio Lower Upper
284 100
142 34.4 25.4 38.2
249 32.3 24.8 37.2





#70

Atrazine

Concen: 19.037 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

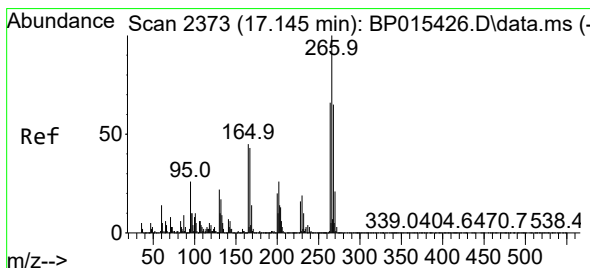
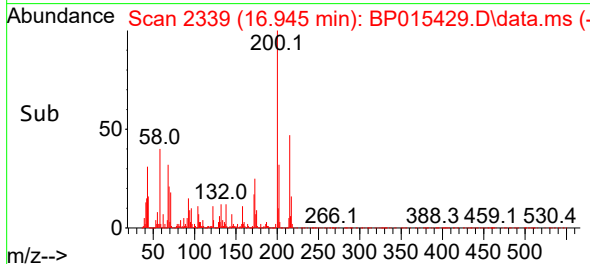
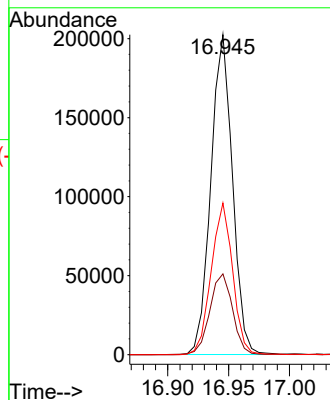
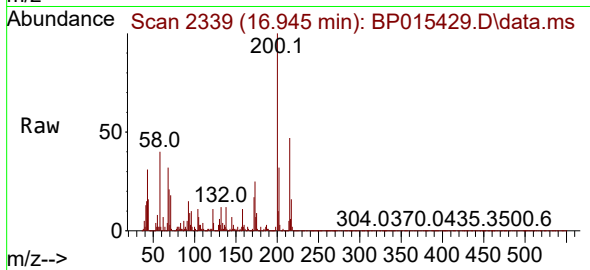
Tgt Ion:200 Resp: 249967

Ion Ratio Lower Upper

200 100

173 25.3 19.8 29.6

215 47.4 37.4 56.0



#71

Pentachlorophenol

Concen: 29.657 ng/ul

RT: 17.145 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

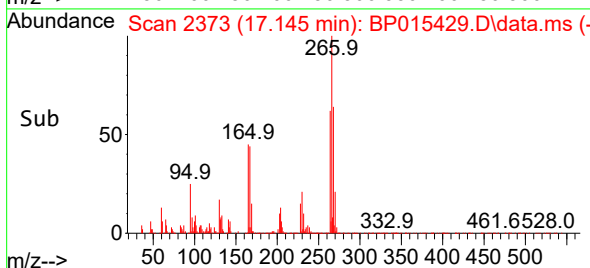
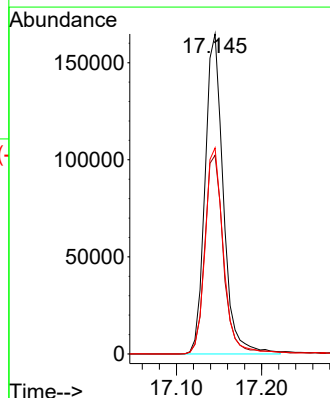
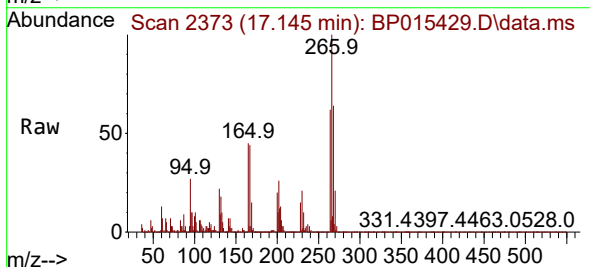
Tgt Ion:266 Resp: 245174

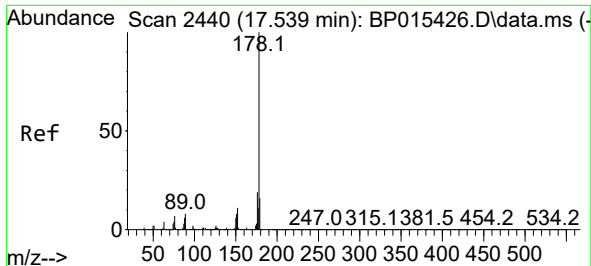
Ion Ratio Lower Upper

266 100

264 62.1 49.6 74.4

268 64.4 51.0 76.6

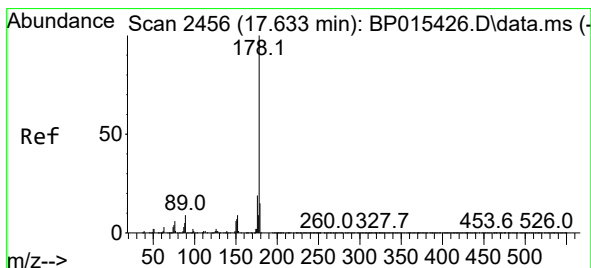
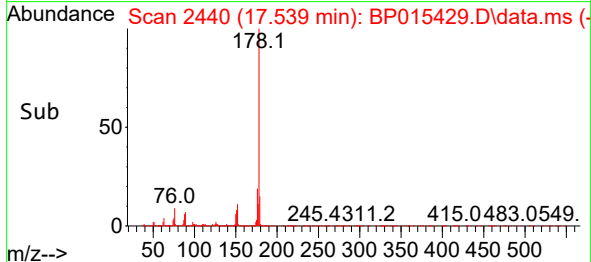
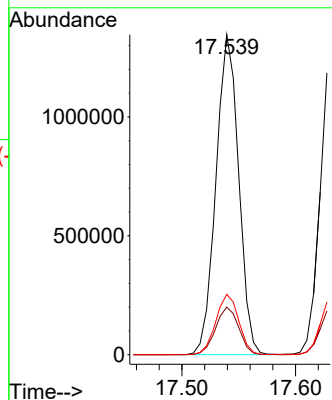
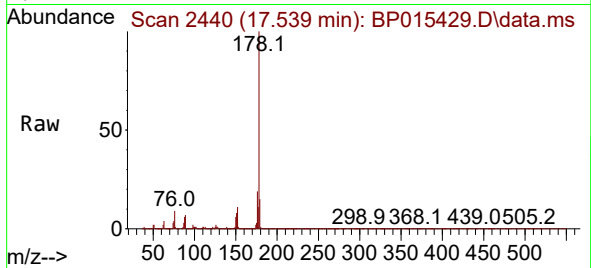




#72
Phenanthrene
Concen: 30.010 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

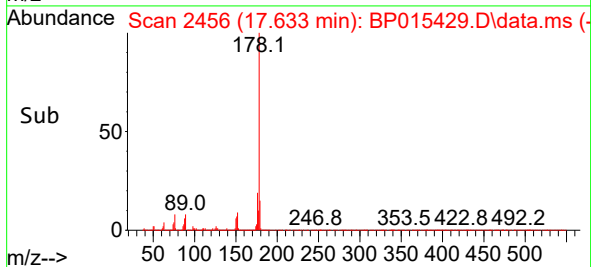
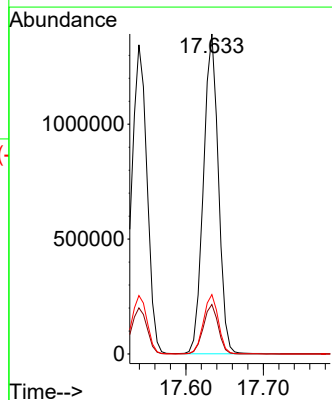
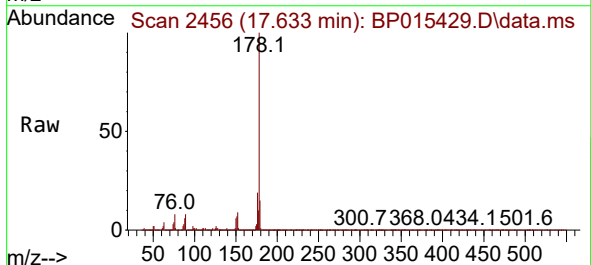
Instrument :
BNA_P
ClientSampleId :
SLCS179

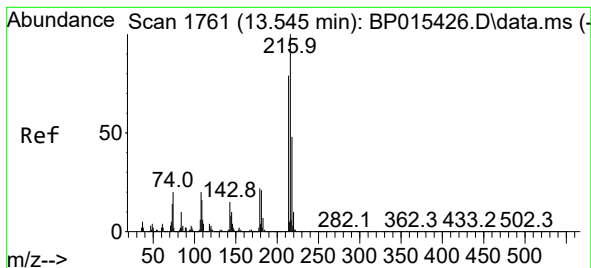
Tgt Ion:178 Resp: 1866524
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.9 15.4 23.0



#74
Anthracene
Concen: 29.531 ng/ul
RT: 17.633 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:178 Resp: 1863660
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.5 15.0 22.4

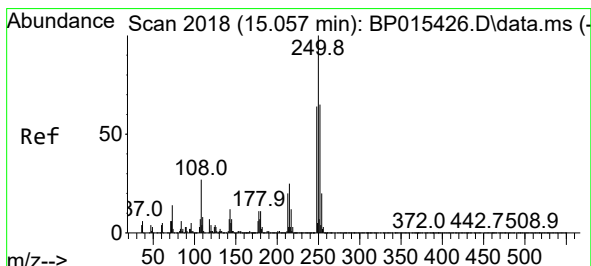
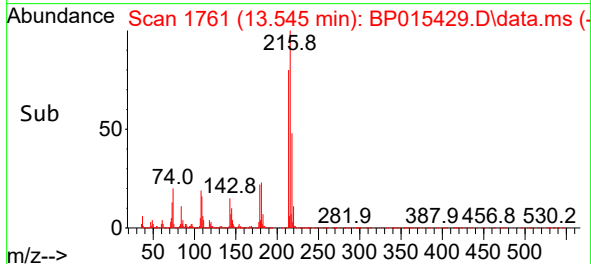
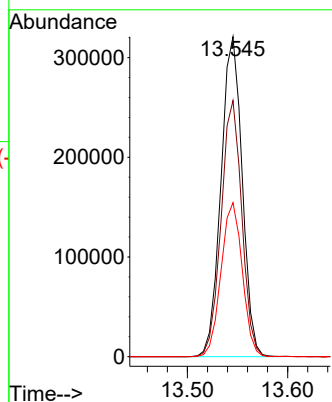
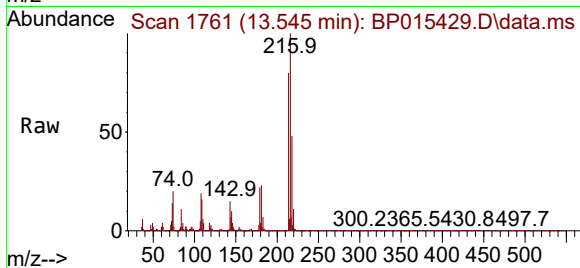




#75
1,2,3,4-Tetrachlorobenzene
Concen: 29.440 ng/uL
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

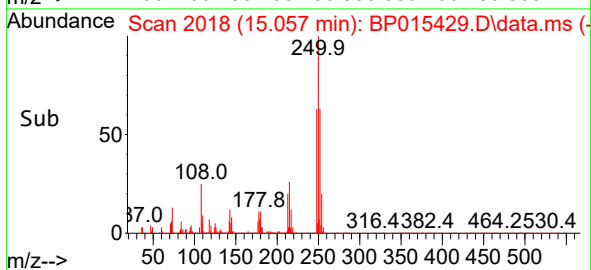
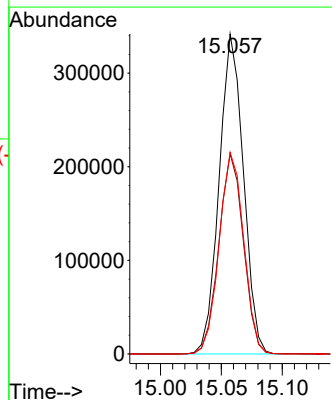
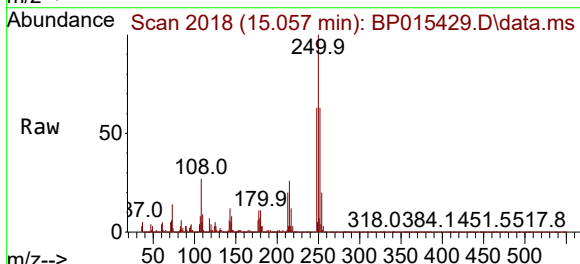
Instrument :
BNA_P
ClientSampleId :
SLCS179

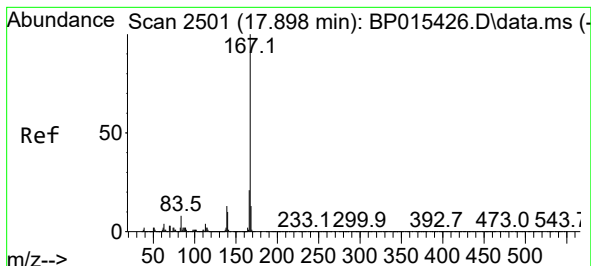
Tgt Ion:216 Resp: 470915
Ion Ratio Lower Upper
216 100
214 80.1 62.1 93.1
218 48.2 39.0 58.4



#76
Pentachlorobenzene
Concen: 28.342 ng/uL
RT: 15.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:250 Resp: 474671
Ion Ratio Lower Upper
250 100
248 62.5 49.0 73.4
252 63.0 49.9 74.9





#77

Carbazole

Concen: 30.192 ng/ul

RT: 17.904 min Scan# 2502

Delta R.T. -0.000 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

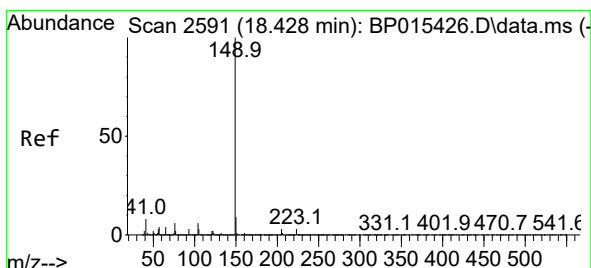
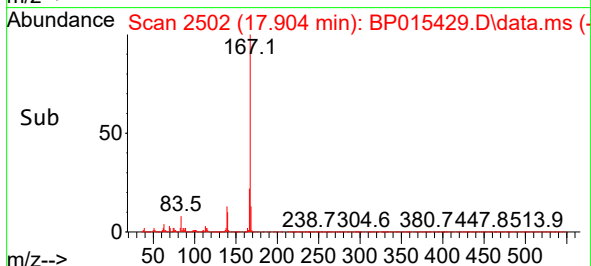
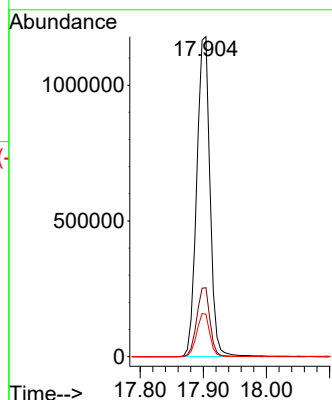
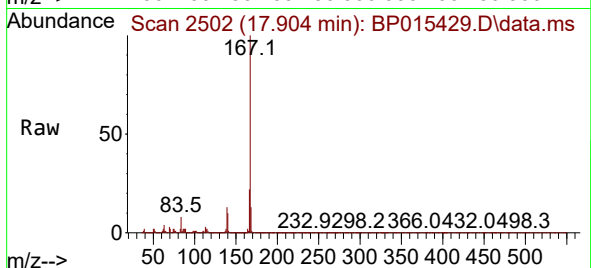
Tgt Ion:167 Resp: 1715610

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.6 16.0



#78

Di-n-butylphthalate

Concen: 30.875 ng/ul

RT: 18.428 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

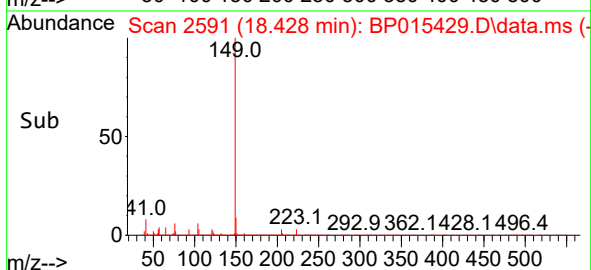
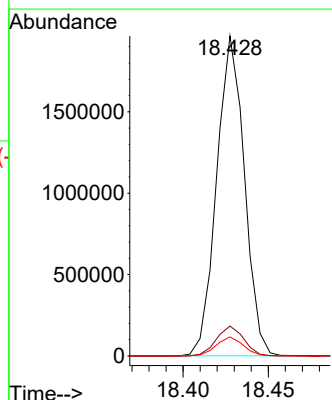
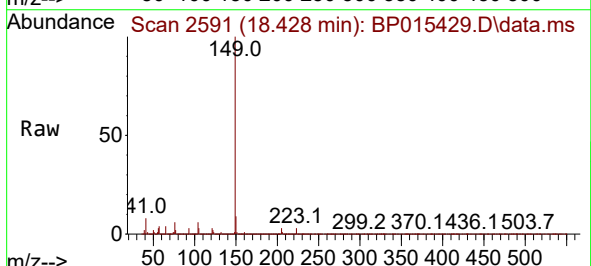
Tgt Ion:149 Resp: 2225972

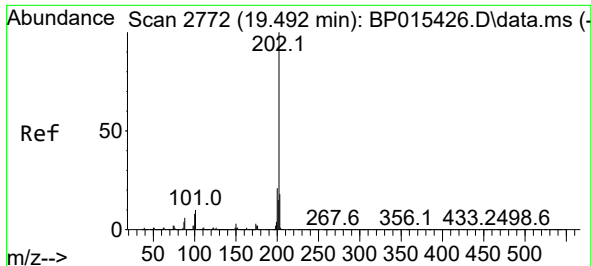
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 6.0 4.5 6.7

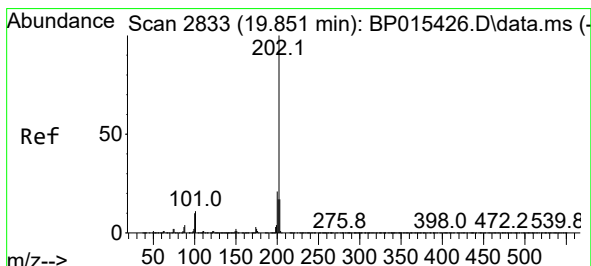
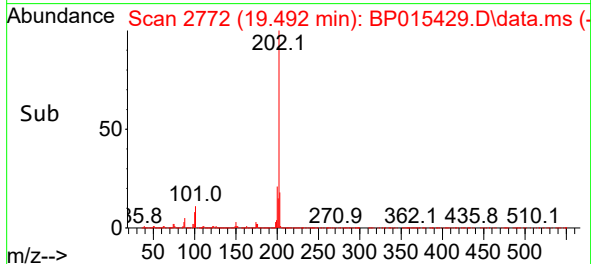
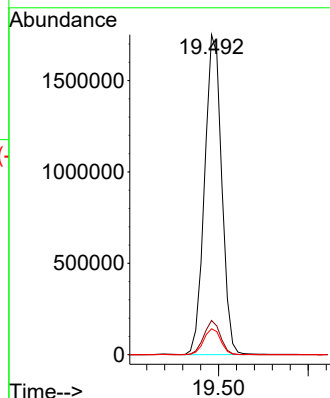
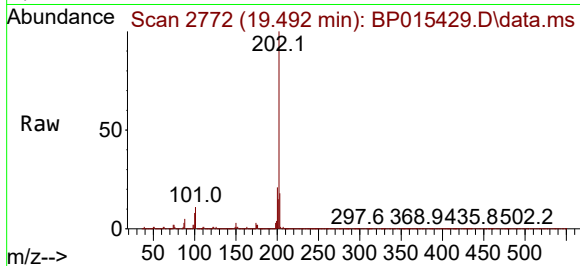




#80
Fluoranthene
Concen: 30.625 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

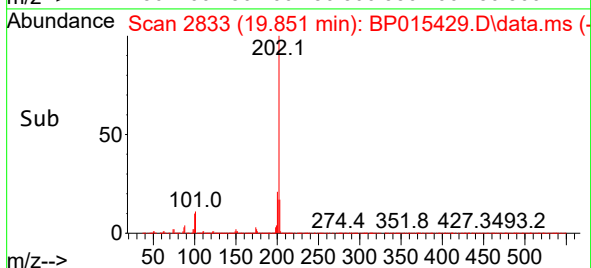
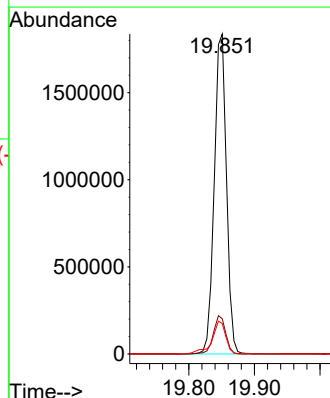
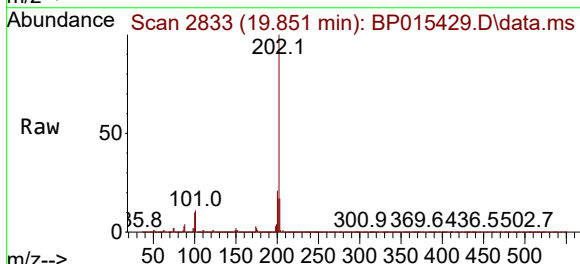
Instrument :
BNA_P
ClientSampleId :
SLCS179

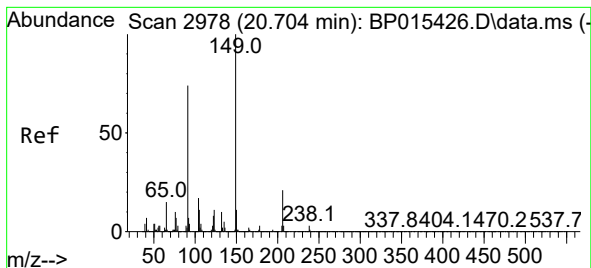
Tgt Ion:202 Resp: 2311605
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 8.1 6.6 9.8



#82
Pyrene
Concen: 30.412 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:202 Resp: 2374880
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.5 8.4 12.6





#83

Butylbenzylphthalate

Concen: 31.618 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

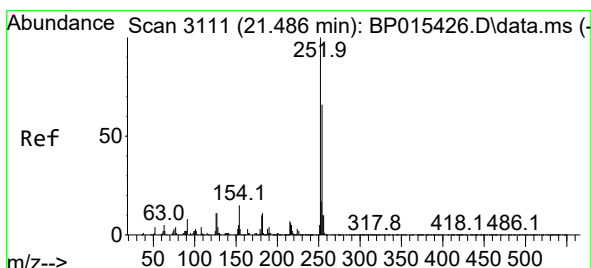
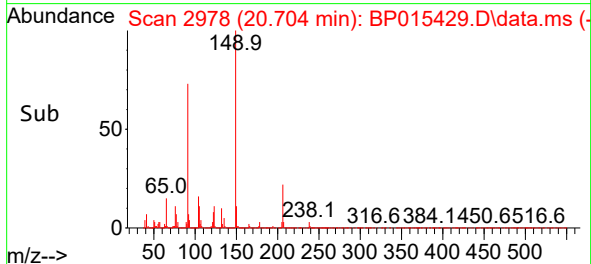
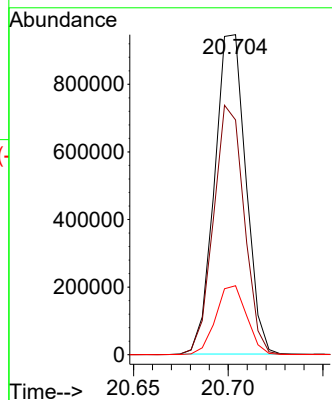
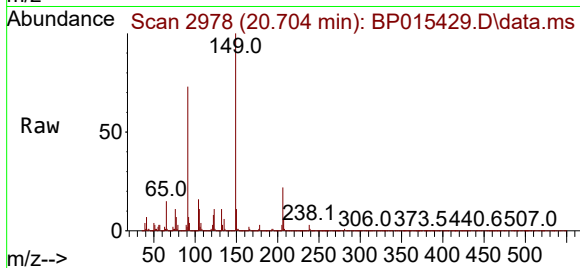
Tgt Ion:149 Resp: 1091290

Ion Ratio Lower Upper

149 100

91 73.4 60.4 90.6

206 21.6 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 30.815 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

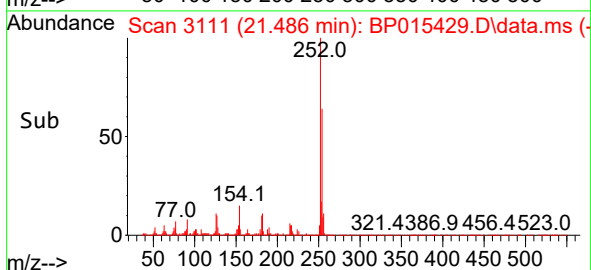
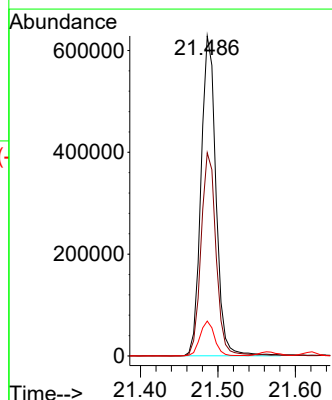
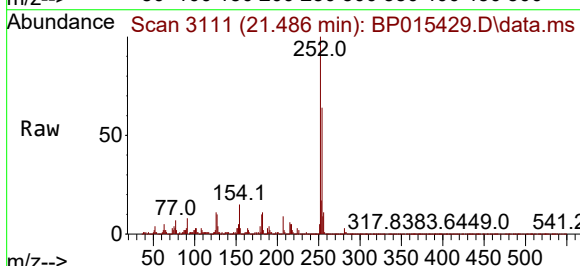
Tgt Ion:252 Resp: 842864

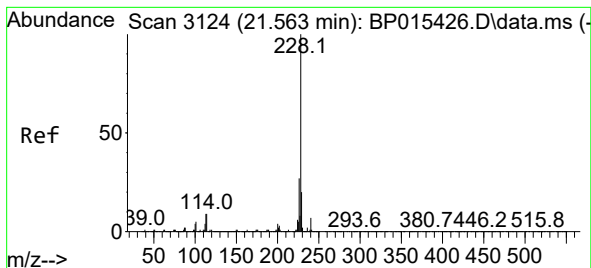
Ion Ratio Lower Upper

252 100

254 63.5 51.6 77.4

126 10.9 8.5 12.7





#85

Benzo(a)anthracene

Concen: 29.900 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

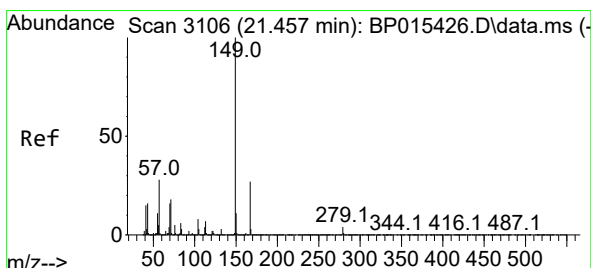
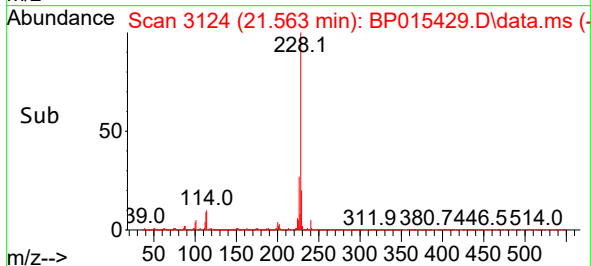
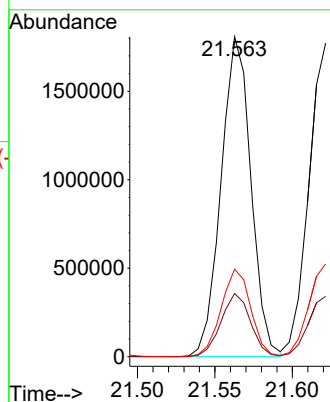
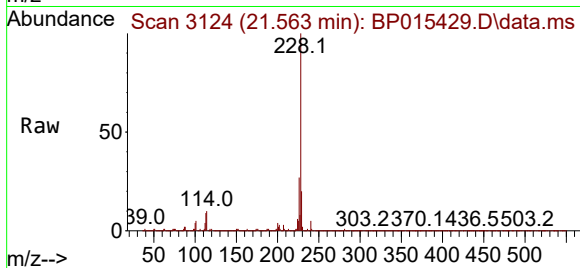
Tgt Ion:228 Resp: 2419973

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.275 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

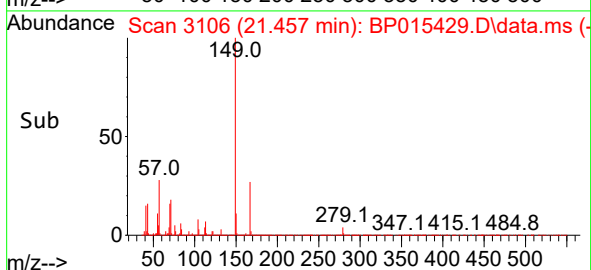
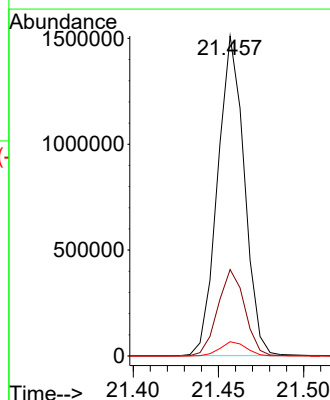
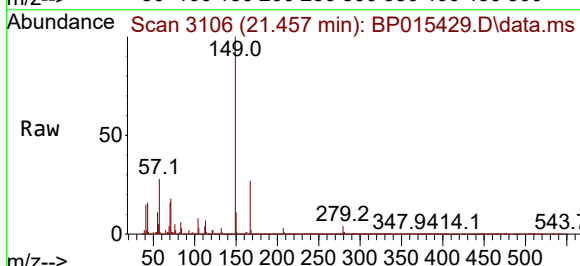
Tgt Ion:149 Resp: 1646525

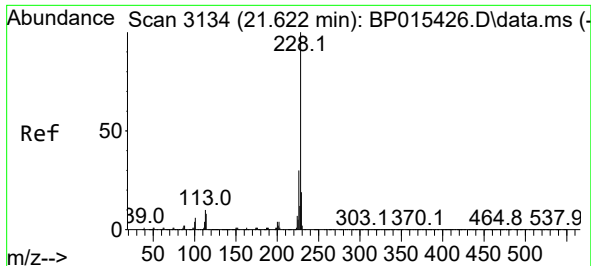
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 4.4 3.7 5.5

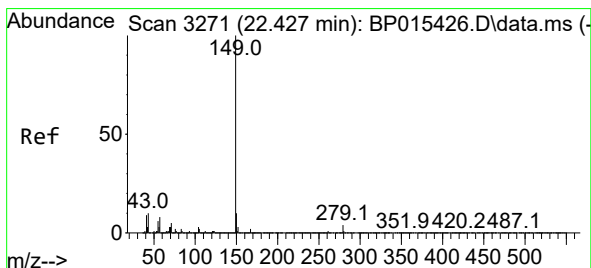
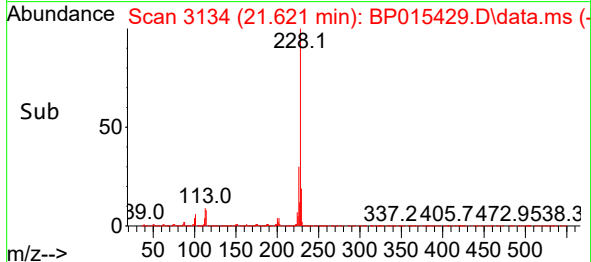
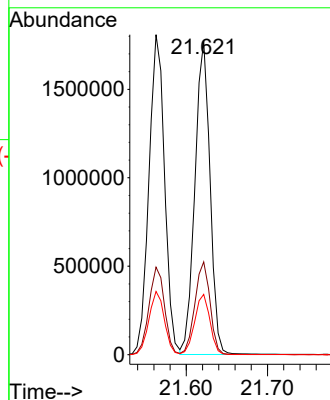
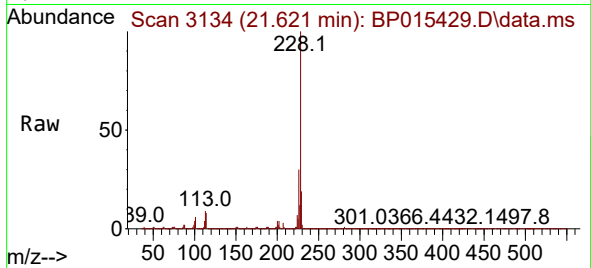




#87
Chrysene
Concen: 30.016 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

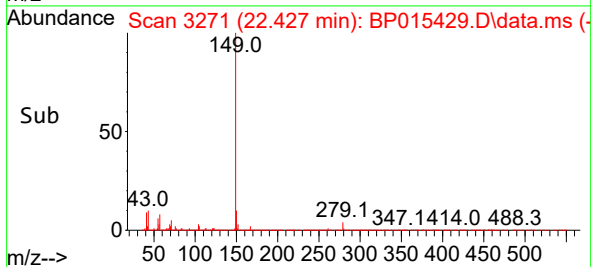
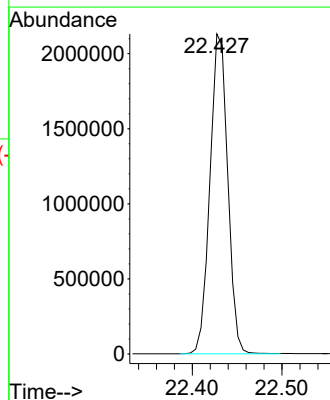
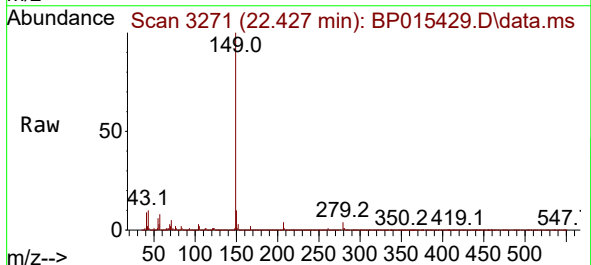
Instrument :
BNA_P
ClientSampleId :
SLCS179

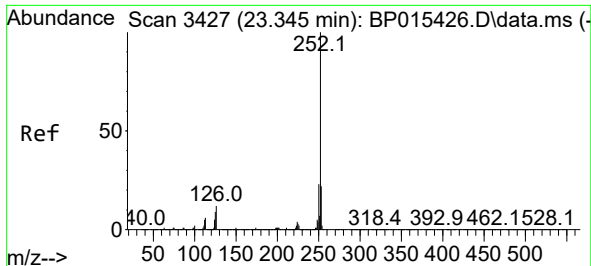
Tgt Ion:228 Resp: 2296320
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.2 15.1 22.7



#89
Di-n-octyl phthalate
Concen: 34.567 ng/ul
RT: 22.427 min Scan# 3271
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:149 Resp: 2927834

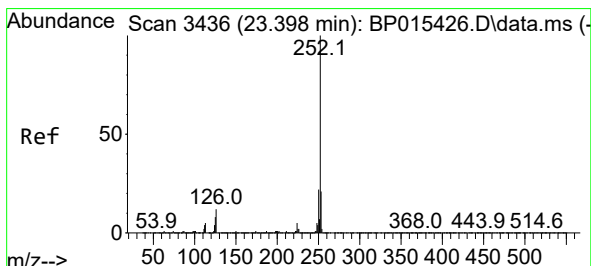
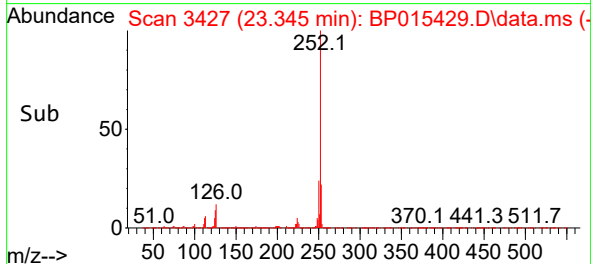
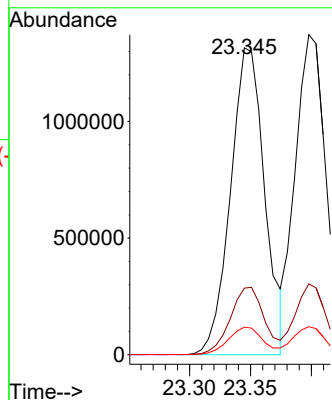
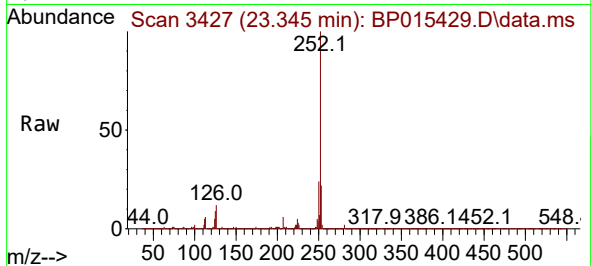




#90
Benzo(b)fluoranthene
Concen: 30.848 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

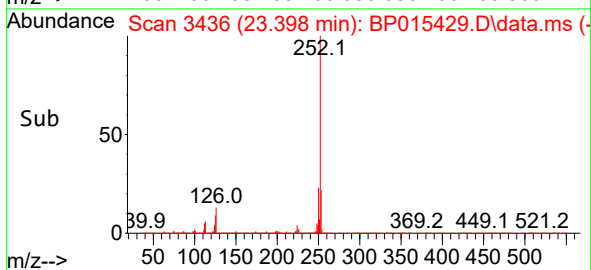
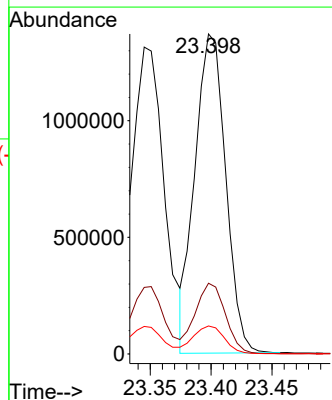
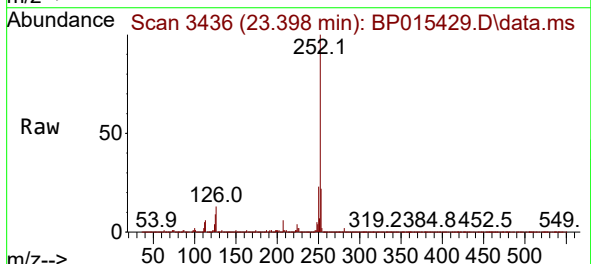
Instrument :
BNA_P
ClientSampleId :
SLCS179

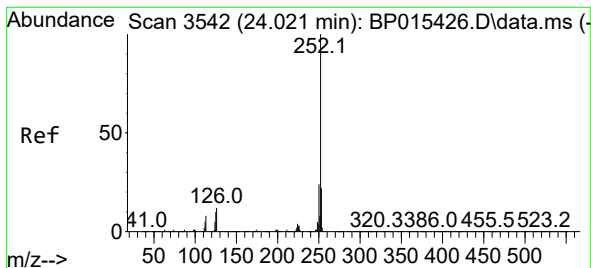
Tgt Ion:252 Resp: 2566232
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.0 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 29.842 ng/ul
RT: 23.398 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:252 Resp: 2399764
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 29.714 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

Instrument :

BNA_P

ClientSampleId :

SLCS179

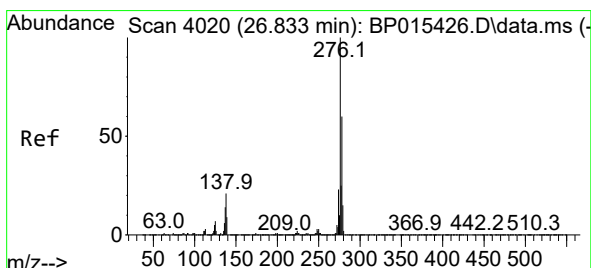
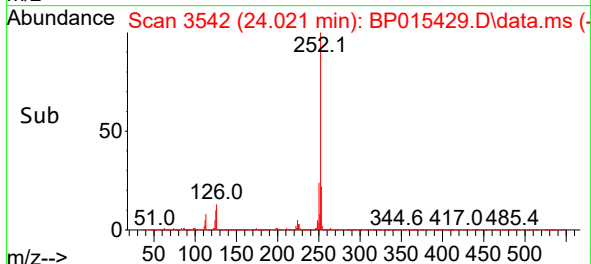
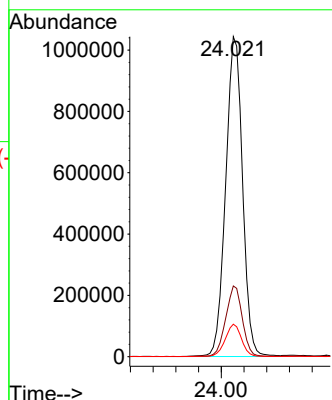
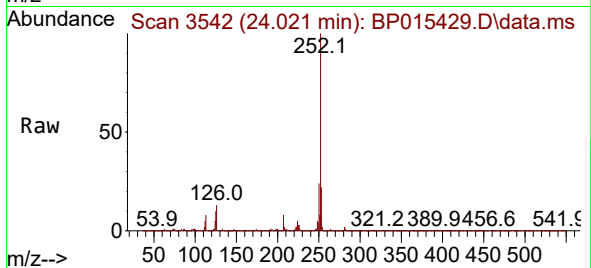
Tgt Ion:252 Resp: 2155162

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.2 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.346 ng/ul

RT: 26.845 min Scan# 4022

Delta R.T. -0.000 min

Lab File: BP015429.D

Acq: 08 Jun 2023 11:00

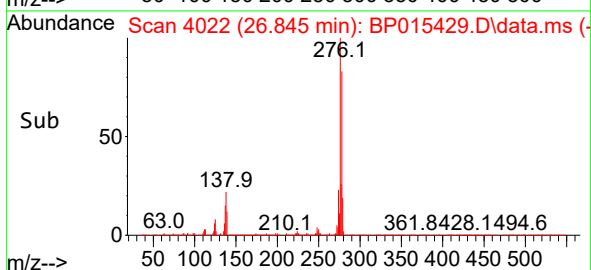
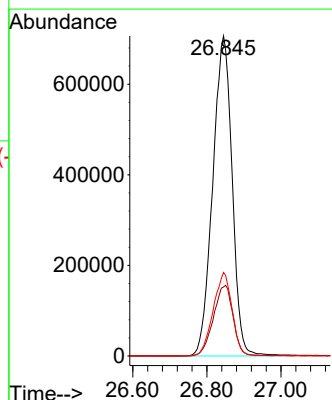
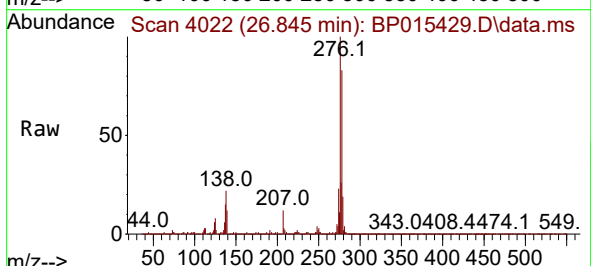
Tgt Ion:276 Resp: 2566813

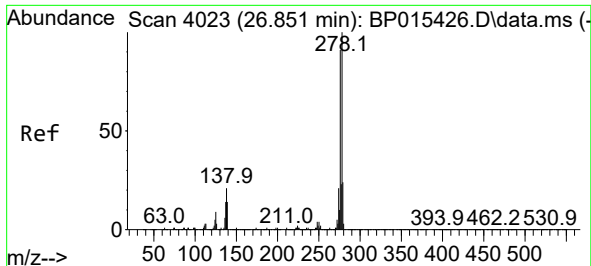
Ion Ratio Lower Upper

276 100

138 21.5 17.3 25.9

277 26.1 20.2 30.2

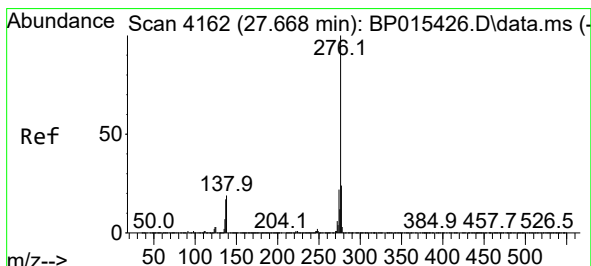
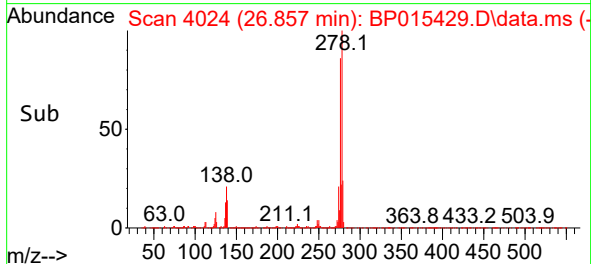
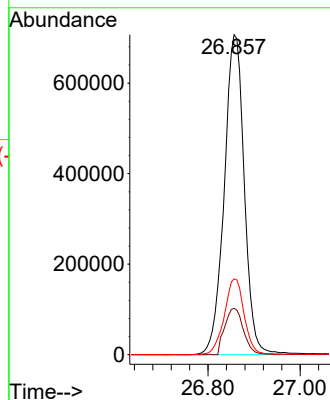
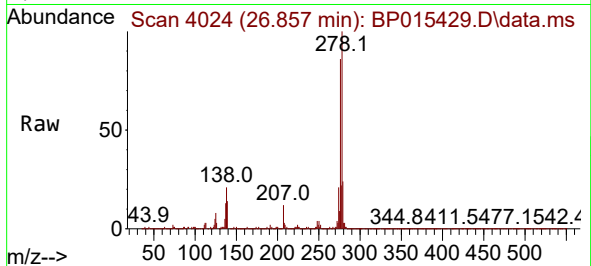




#95
Dibenzo(a,h)anthracene
Concen: 27.829 ng/ul
RT: 26.857 min Scan# 4023
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Instrument :
BNA_P
ClientSampleId :
SLCS179

Tgt Ion:278 Resp: 2128115
Ion Ratio Lower Upper
278 100
139 14.5 11.4 17.0
279 23.7 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 26.448 ng/ul
RT: 27.680 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BP015429.D
Acq: 08 Jun 2023 11:00

Tgt Ion:276 Resp: 2045901
Ion Ratio Lower Upper
276 100
138 18.0 15.6 23.4
277 23.6 19.0 28.6

