

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017971.D
 Acq On : 08 Nov 2023 20:15
 Operator : MA/JU
 Sample : PB156829BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS829

Quant Time: Nov 08 21:44:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	70571	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	302809	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	196628	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	448096	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	429231	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	457589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12186	6.609	ng/uL	0.00
4) Pyridine-d5	3.676	84	151454	29.596	ng/u1	0.00
7) Phenol-d5	7.016	99	201827	30.497	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	123456	30.925	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	161284	31.716	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	166042	30.356	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	80979	33.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	91638	32.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	166089	32.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	216800	29.280	ng/u1	-0.01
46) Dimethylphthalate-d6	13.940	166	552906	32.069	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	599210	31.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	86941	32.797	ng/u1	-0.01
60) Fluorene-d10	15.516	176	452485	31.355	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	98738	30.132	ng/u1	0.00
73) Anthracene-d10	17.392	188	725160	31.125	ng/u1	0.00
81) Pyrene-d10	19.639	212	884161	32.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	850701	33.272	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	24355	12.096	ng/uL	96
5) Pyridine	3.693	79	164492	30.917	ng/u1	95
6) Benzaldehyde	7.022	77	124106	33.717	ng/u1	97
8) Phenol	7.046	94	205641	31.588	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.299	93	164822	31.612	ng/u1	98
12) 2-Chlorophenol	7.411	128	166384	32.947	ng/u1	97
13) 2-Methylphenol	8.305	108	155910	31.151	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	112441	18.732	ng/u1	97
16) Acetophenone	8.711	105	269914	30.749	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	146026	31.787	ng/u1	97
18) 4-Methylphenol	8.640	108	169874	31.551	ng/u1	98
19) Hexachloroethane	8.905	117	79170	31.384	ng/u1	94
22) Nitrobenzene	9.099	77	229601	34.789	ng/u1	99
23) Isophorone	9.605	82	405685	33.802	ng/u1	98
25) 2-Nitrophenol	9.799	139	100353	34.792	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	179969	29.543	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.093	93	232163	35.165	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	166514	33.697	ng/u1	94
30) Naphthalene	10.722	128	556934	31.690	ng/u1	99
32) 4-Chloroaniline	10.869	127	207449	29.173	ng/u1	100
33) Hexachlorobutadiene	10.940	225	116727	28.391	ng/u1	97
34) Caprolactam	11.699	113	57357	36.421	ng/u1	89
35) 4-Chloro-3-methylphenol	11.975	107	199307	34.840	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	382143	31.867	ng/u1	99

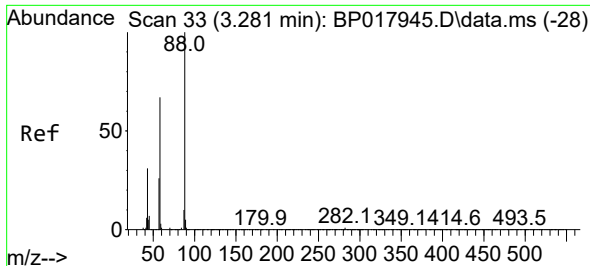
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	381521	30.796	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	208441	30.604	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	87015	23.990	ng/ul	98
41) 2,4,6-Trichlorophenol	12.946	196	139772	32.461	ng/ul	97
42) 2,4,5-Trichlorophenol	13.022	196	150845	34.020	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	513843	32.045	ng/ul	98
44) 2-Chloronaphthalene	13.399	162	416079	32.572	ng/ul	99
45) 2-Nitroaniline	13.646	65	145165	37.953	ng/ul	91
47) Dimethylphthalate	13.987	163	564233	33.184	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	113988	33.776	ng/ul	94
50) Acenaphthylene	14.246	152	698406	32.982	ng/ul	100
51) 3-Nitroaniline	14.481	138	106505	33.503	ng/ul#	85
52) Acenaphthene	14.581	153	465067	33.139	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	54402	27.387	ng/ul#	85
55) 4-Nitrophenol	14.781	109	122606	35.649	ng/ul	93
56) Dibenzofuran	14.922	168	638127	32.918	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	172527	34.209	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.140	232	132332	32.027	ng/ul#	87
59) Diethylphthalate	15.340	149	603052	34.040	ng/ul	99
61) Fluorene	15.569	166	543823	33.132	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	268770	31.641	ng/ul	96
63) 4-Nitroaniline	15.657	138	109969	36.565	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.681	198	105386	30.785	ng/ul#	93
67) N-Nitrosodiphenylamine	15.793	169	454959	32.989	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	160797	30.474	ng/ul	93
69) Hexachlorobenzene	16.545	284	178751	29.514	ng/ul#	87
70) Atrazine	16.751	200	172689	32.785	ng/ul	99
71) Pentachlorophenol	16.922	266	110172	29.948	ng/ul	97
72) Phenanthrene	17.334	178	880709	33.426	ng/ul	99
74) Anthracene	17.428	178	886669	33.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	212765	30.297	ng/ul	98
76) Pentachlorobenzene	14.810	250	210728	30.071	ng/ul	97
77) Carbazole	17.722	167	807764	33.823	ng/ul	98
78) Di-n-butylphthalate	18.228	149	1045634	35.188	ng/ul	99
80) Fluoranthene	19.310	202	1073880	33.771	ng/ul	98
82) Pyrene	19.669	202	1129210	34.046	ng/ul	99
83) Butylbenzylphthalate	20.533	149	509101	34.888	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	334396	31.165	ng/ul	97
85) Benzo(a)anthracene	21.392	228	1122455	33.956	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	724658	34.294	ng/ul	100
87) Chrysene	21.451	228	1049002	34.222	ng/ul	99
89) Di-n-octyl phthalate	22.222	149	1259567	32.592	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1096106	34.706	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	1070039	33.785	ng/ul	99
93) Benzo(a)pyrene	23.780	252	1015891	34.601	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	1191440	34.071	ng/ul	97
95) Dibenzo(a,h)anthracene	26.539	278	988856	33.994	ng/ul	99
96) Benzo(g,h,i)perylene	27.345	276	947014	34.017	ng/ul	98

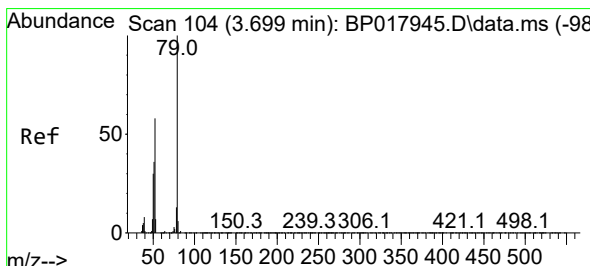
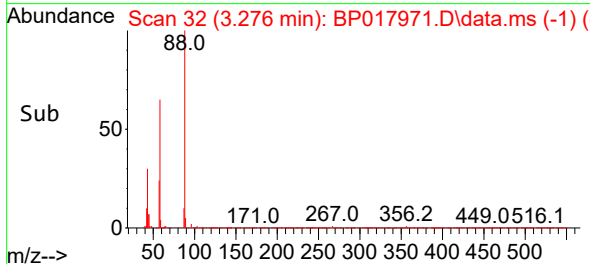
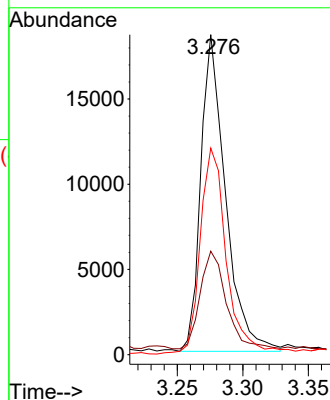
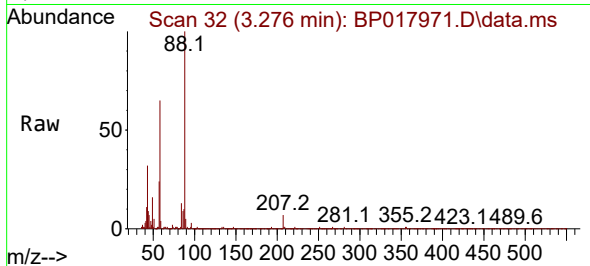
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#2
1,4-Dioxane
Concen: 12.096 ng/uL
RT: 3.276 min Scan# 31
Delta R.T. -0.005 min
Lab File: BP017971.D
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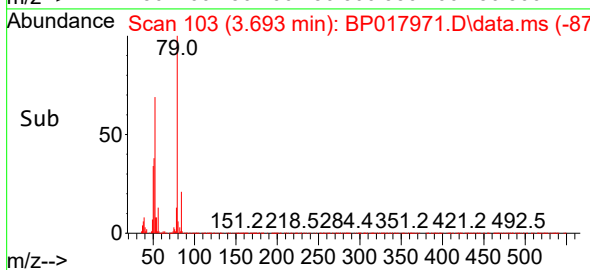
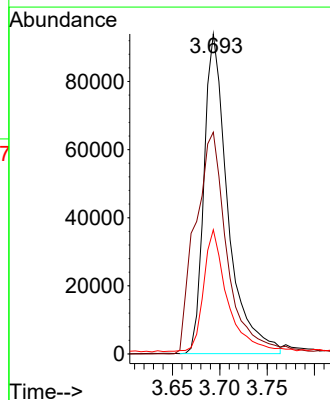
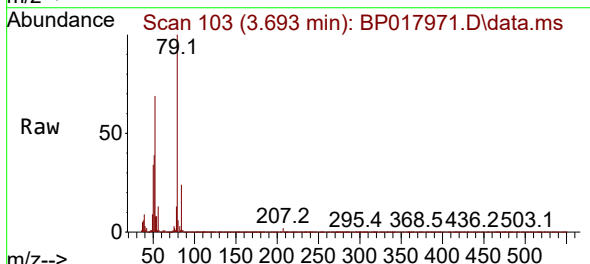
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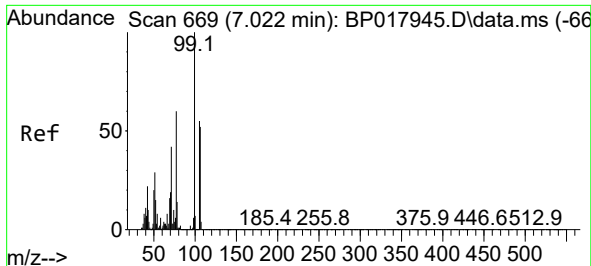
Tgt Ion: 88	Resp: 24355
Ion Ratio	Lower Upper
88 100	
43 32.3	26.2 39.4
58 64.5	55.6 83.4



#5
Pyridine
Concen: 30.917 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 79	Resp: 164492
Ion Ratio	Lower Upper
79 100	
52 69.3	51.0 76.6
51 38.8	29.8 44.8

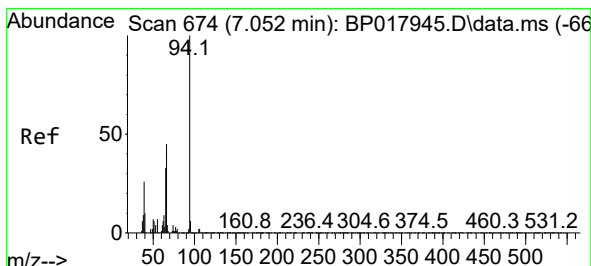
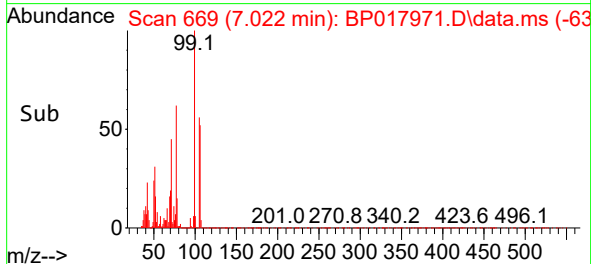
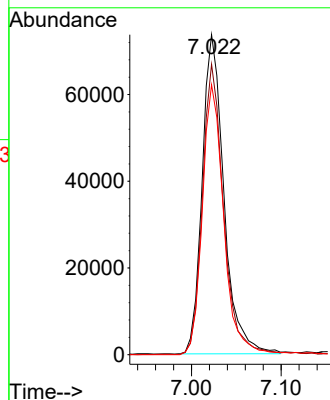
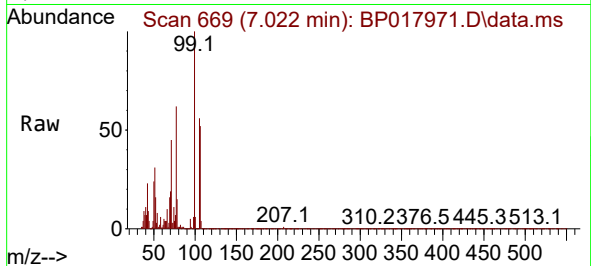




#6
Benzaldehyde
Concen: 33.717 ng/ul
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

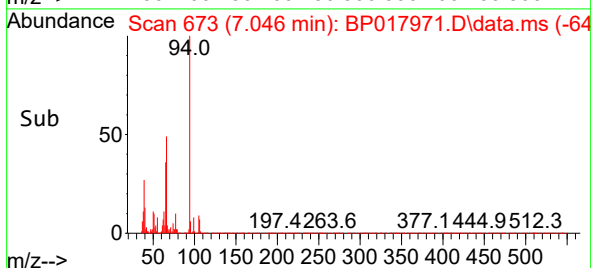
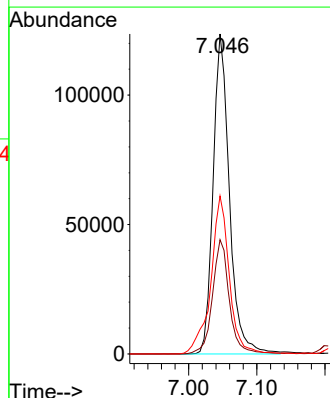
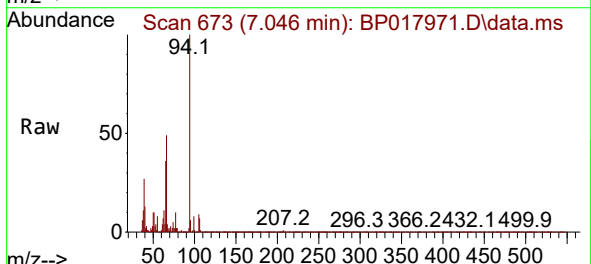
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ClientSampleId :
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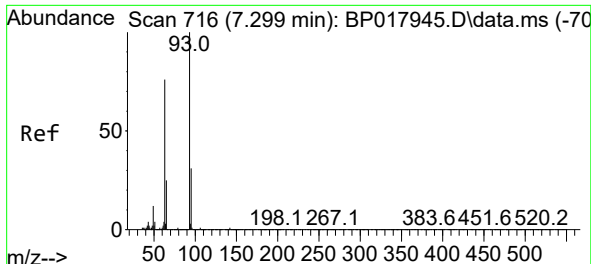
Tgt Ion: 77 Resp: 124106
Ion Ratio Lower Upper
77 100
105 90.8 69.0 103.6
106 84.4 66.2 99.4



#8
Phenol
Concen: 31.588 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 94 Resp: 205641
Ion Ratio Lower Upper
94 100
65 35.7 27.7 41.5
66 49.3 41.7 62.5



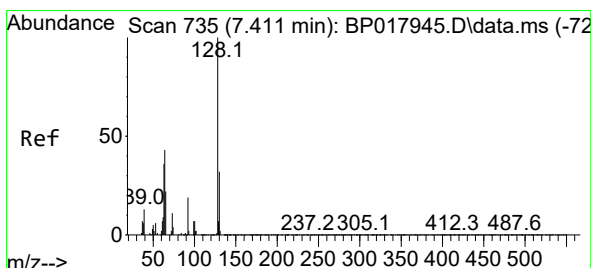
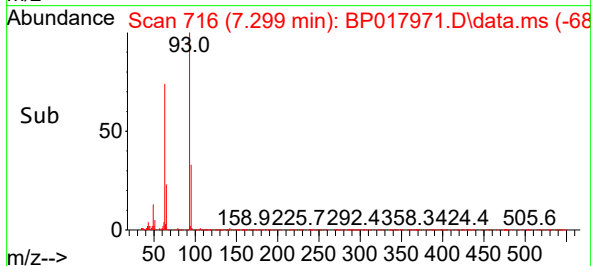
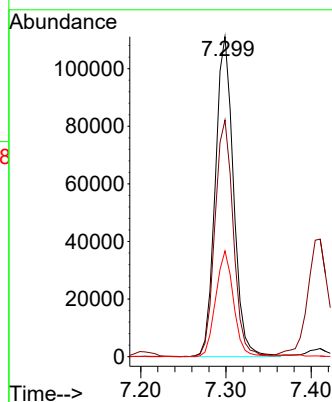
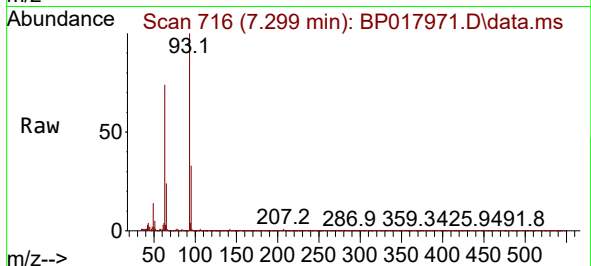


#10
 Bis(2-Chloroethyl)ether
 Concen: 31.612 ng/ul
 RT: 7.299 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: BP017971.D
 Acq: 08 Nov 2023 20:15

Instrument :
 BNA_P
 ClientSampleId :
 SLCS829

Tgt Ion: 93 Resp: 164822

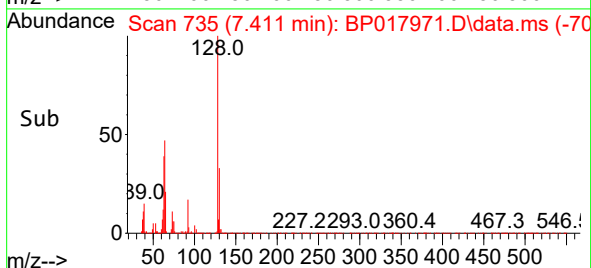
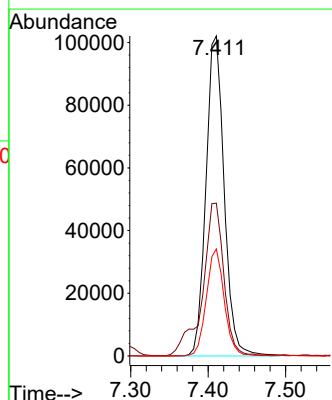
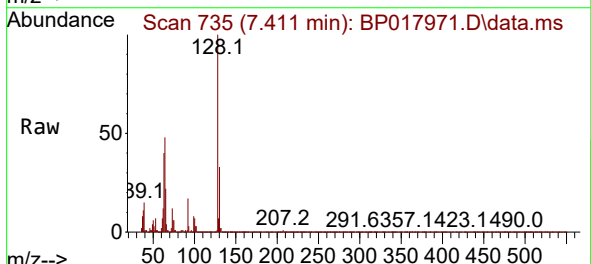
Ion	Ratio	Lower	Upper
93	100		
63	73.9	57.2	85.8
95	33.1	26.2	39.4

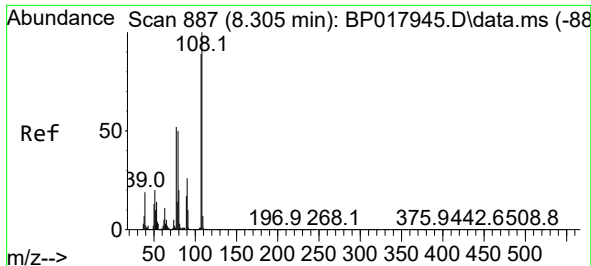


#12
 2-Chlorophenol
 Concen: 32.947 ng/ul
 RT: 7.411 min Scan# 735
 Delta R.T. -0.006 min
 Lab File: BP017971.D
 Acq: 08 Nov 2023 20:15

Tgt Ion:128 Resp: 166384

Ion	Ratio	Lower	Upper
128	100		
64	47.7	39.8	59.6
130	33.5	25.8	38.8

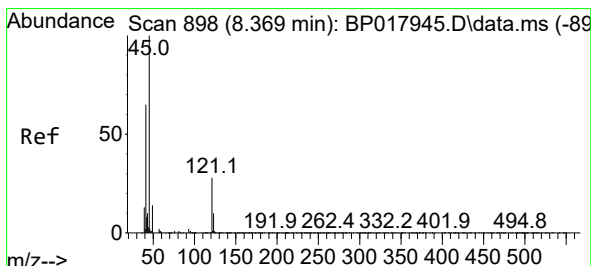
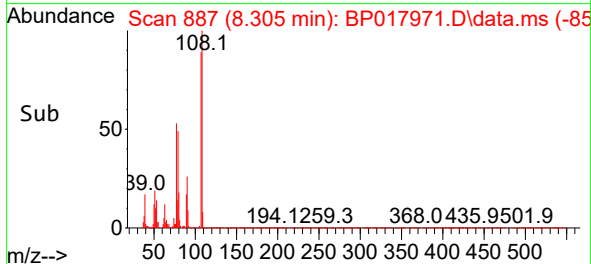
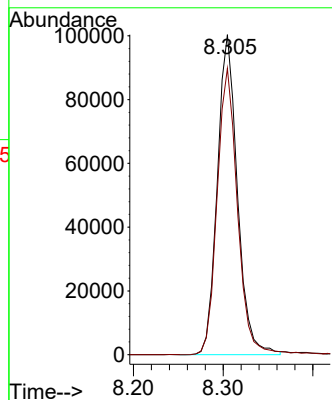
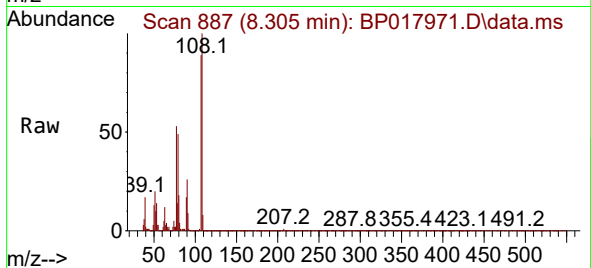




#13
2-Methylphenol
Concen: 31.151 ng/ul
RT: 8.305 min Scan# 887
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

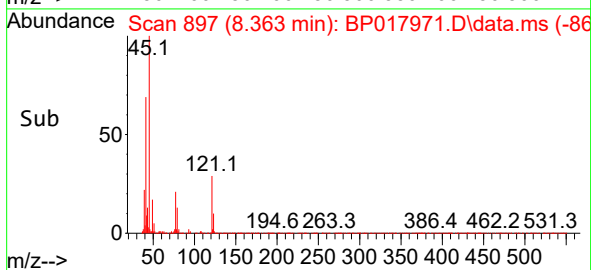
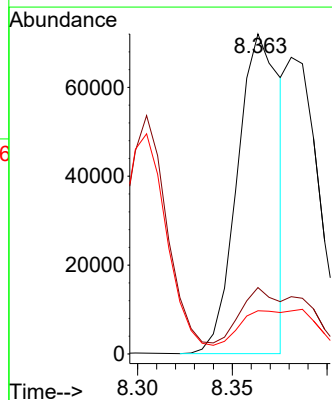
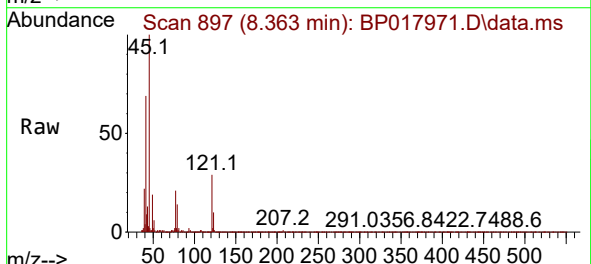
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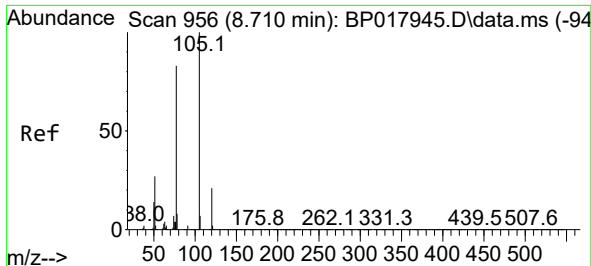
Tgt Ion:108 Resp: 155910
Ion Ratio Lower Upper
108 100
107 89.5 70.7 106.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.732 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 45 Resp: 112441
Ion Ratio Lower Upper
45 100
77 20.7 14.8 22.2
79 13.5 11.2 16.8

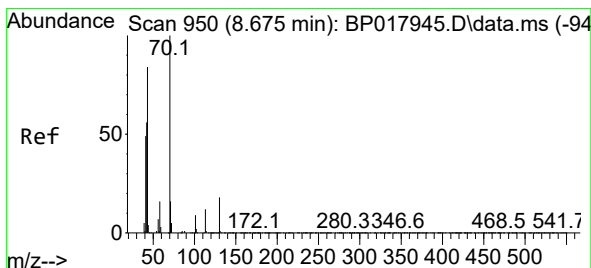
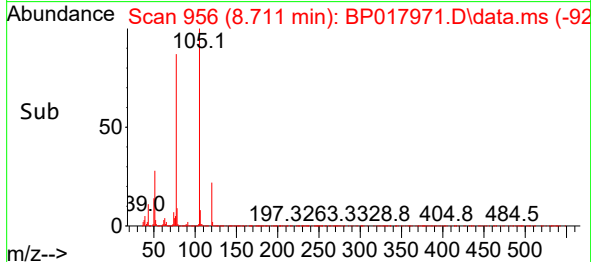
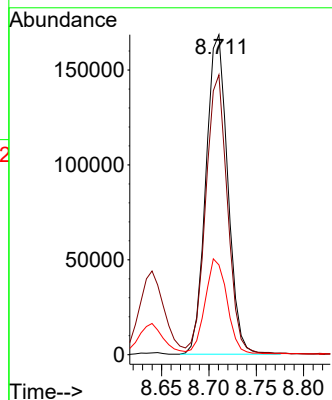
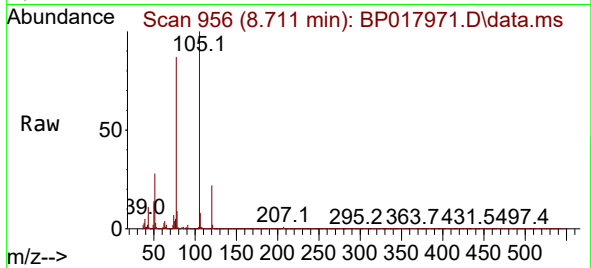




#16
Acetophenone
Concen: 30.749 ng/ul
RT: 8.711 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

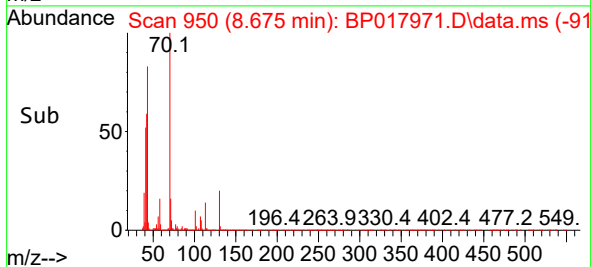
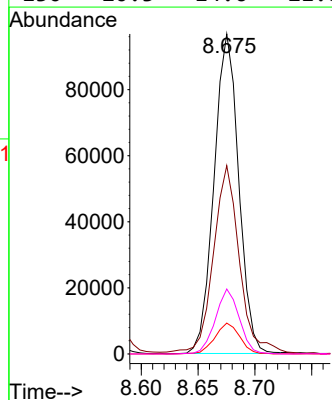
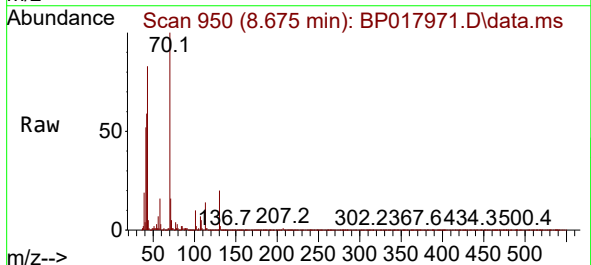
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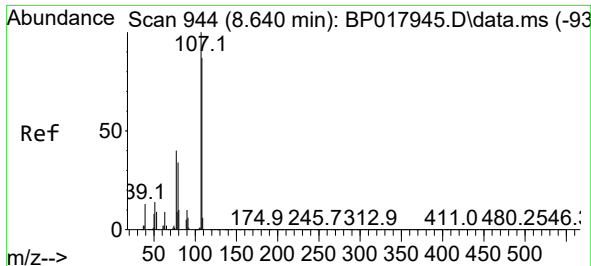
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Ion Ratio Lower Upper
105 100
77 87.4 67.7 101.5
51 28.1 23.4 35.2



#17
N-Nitroso-di-n-propylamine
Concen: 31.787 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 70 Resp: 146026
Ion Ratio Lower Upper
70 100
42 58.9 45.7 68.5
101 9.6 7.9 11.9
130 20.3 14.6 21.8

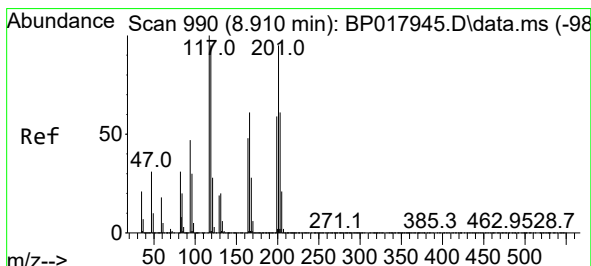
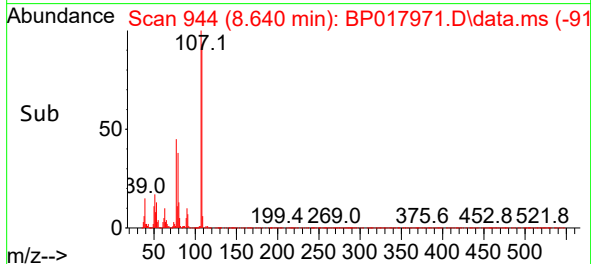
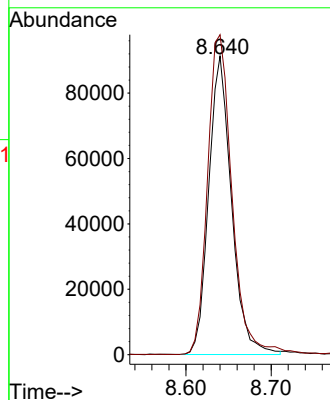
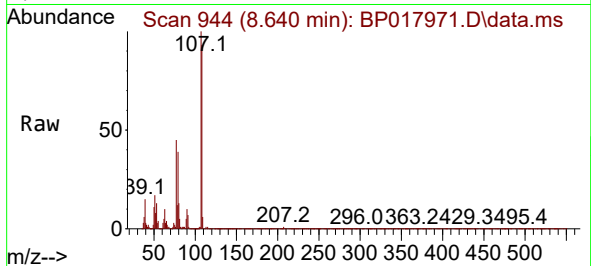




#18
4-Methylphenol
Concen: 31.551 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

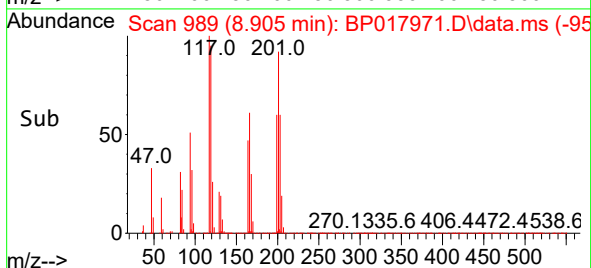
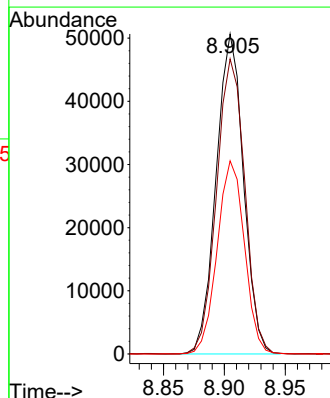
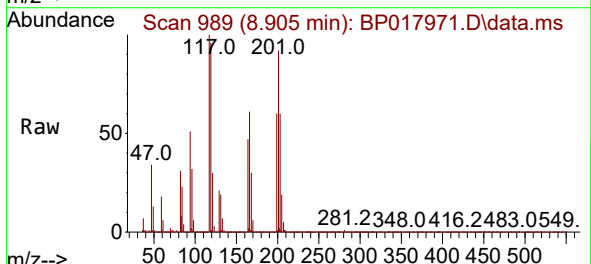
Instrument :
BNA_P
ClientSampleId :
SLCS829

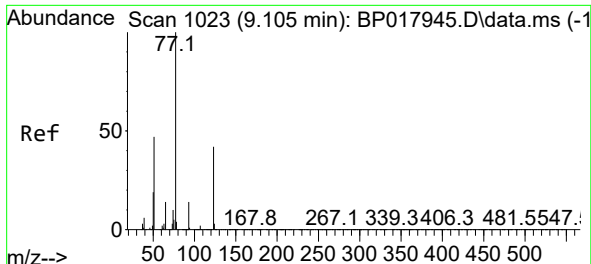
Tgt Ion:108 Resp: 169874
Ion Ratio Lower Upper
108 100
107 107.2 87.2 130.8



#19
Hexachloroethane
Concen: 31.384 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:117 Resp: 79170
Ion Ratio Lower Upper
117 100
201 92.2 79.6 119.4
199 60.3 51.4 77.0

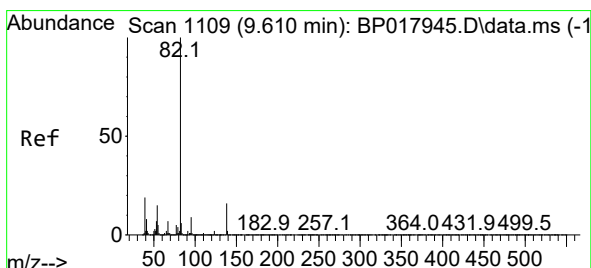
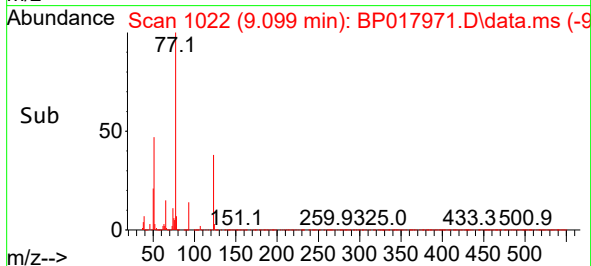
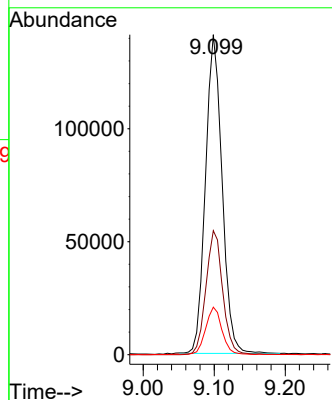
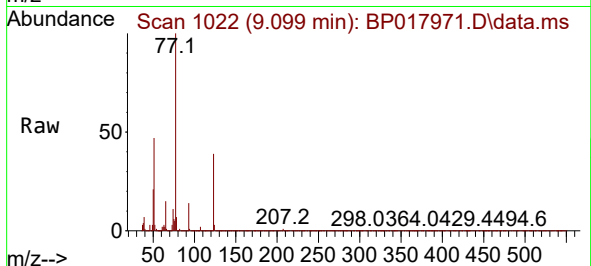




#22
Nitrobenzene
Concen: 34.789 ng/ul
RT: 9.099 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

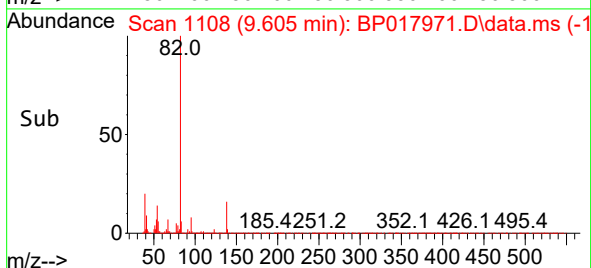
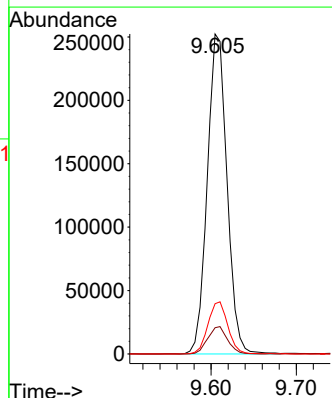
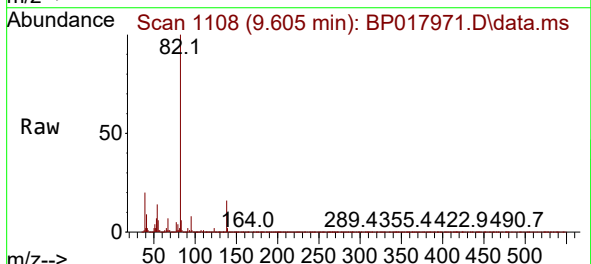
Instrument :
BNA_P
ClientSampleId :
SLCS829

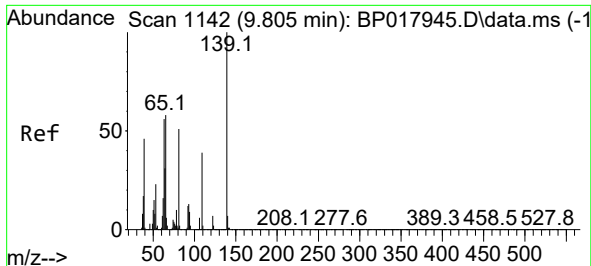
Tgt Ion: 77 Resp: 229601
Ion Ratio Lower Upper
77 100
123 38.7 31.2 46.8
65 14.9 11.5 17.3



#23
Isophorone
Concen: 33.802 ng/ul
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 82 Resp: 405685
Ion Ratio Lower Upper
82 100
95 8.2 7.2 10.8
138 15.7 13.4 20.2

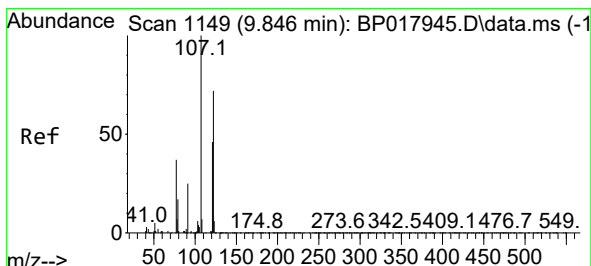
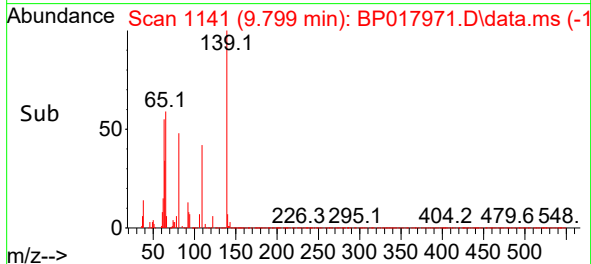
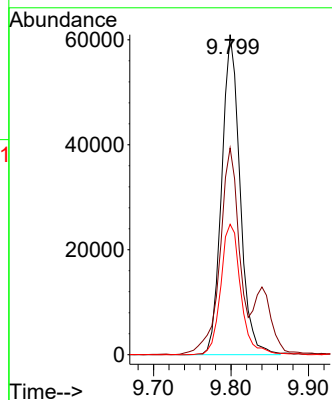
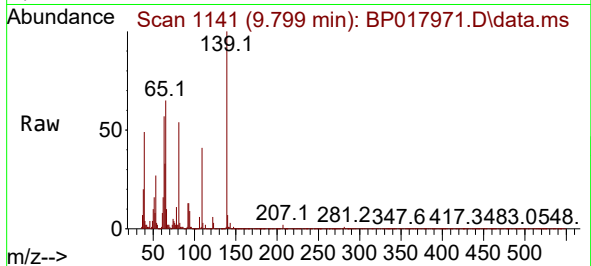




#25
2-Nitrophenol
Concen: 34.792 ng/ul
RT: 9.799 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

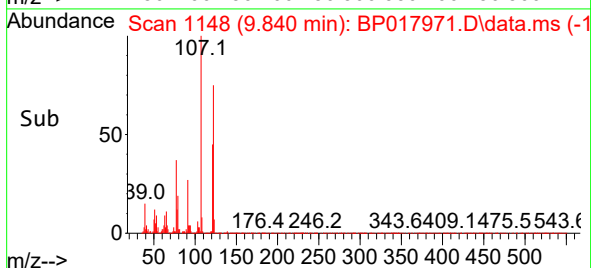
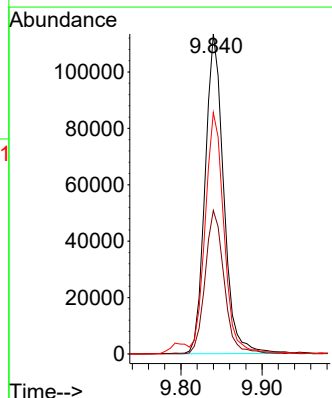
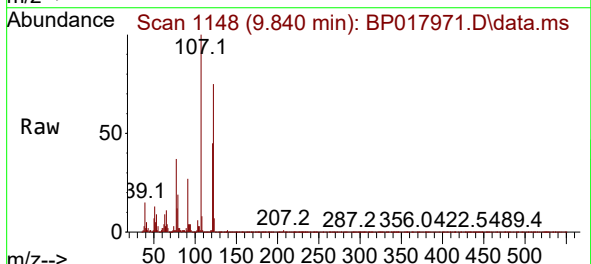
Instrument :
BNA_P
ClientSampleId :
SLCS829

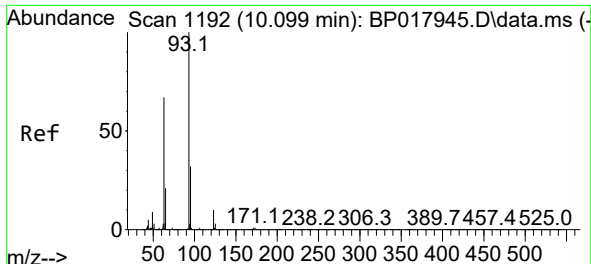
Tgt Ion:139 Resp: 100353
Ion Ratio Lower Upper
139 100
65 64.6 49.0 73.6
109 40.7 32.8 49.2



#26
2,4-Dimethylphenol
Concen: 29.543 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:107 Resp: 179969
Ion Ratio Lower Upper
107 100
121 44.9 37.8 56.8
122 75.5 61.9 92.9





#27

Bis(2-Chloroethoxy)methane

Concen: 35.165 ng/ul

RT: 10.093 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

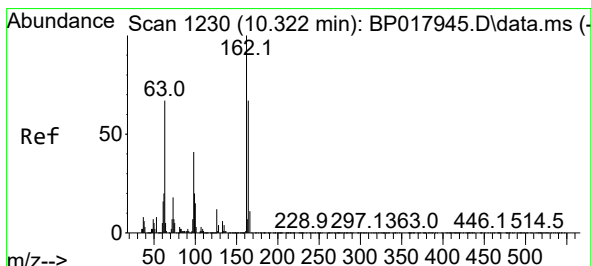
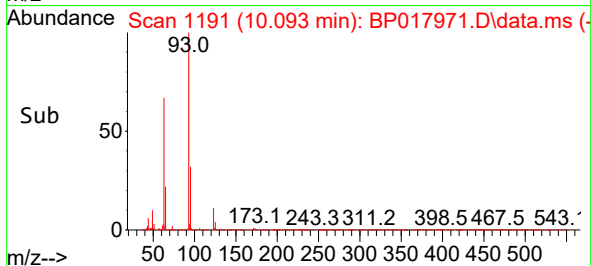
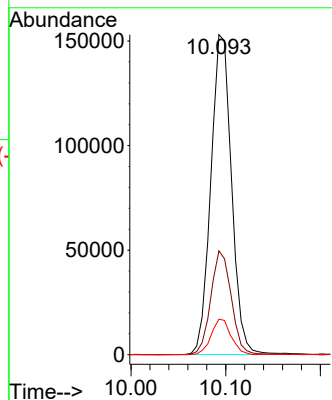
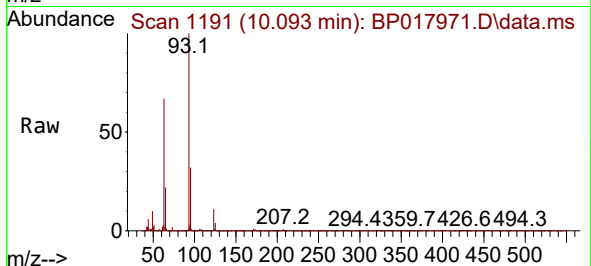
Tgt Ion: 93 Resp: 232163

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.1 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 33.697 ng/ul

RT: 10.316 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

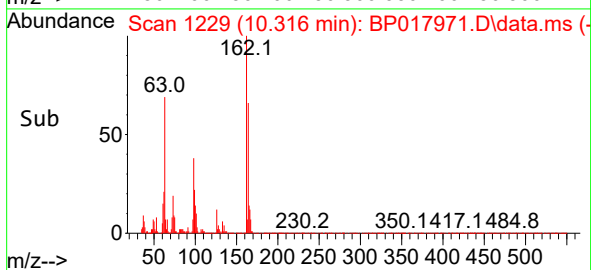
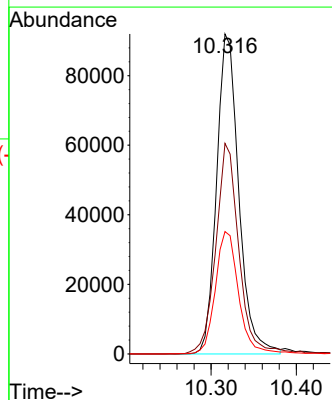
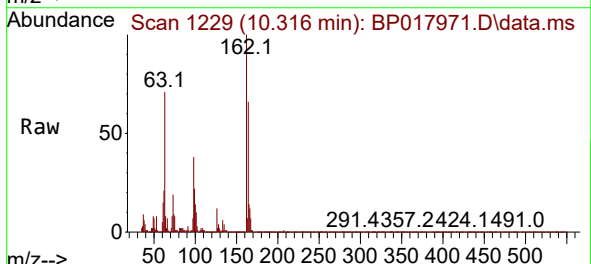
Tgt Ion:162 Resp: 166514

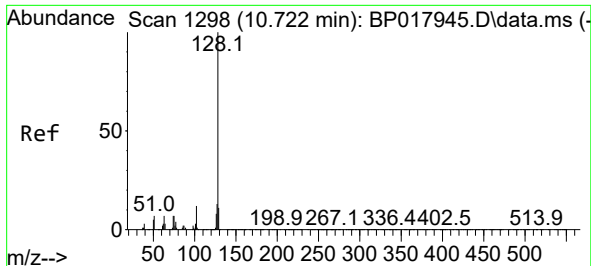
Ion Ratio Lower Upper

162 100

164 65.8 49.4 74.2

98 38.3 27.6 41.4

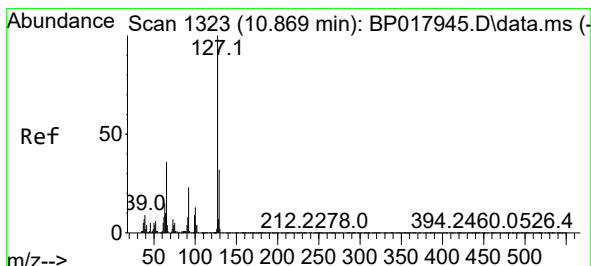
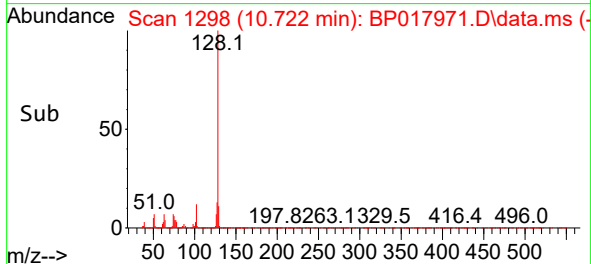
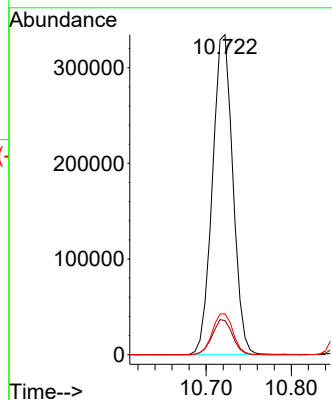
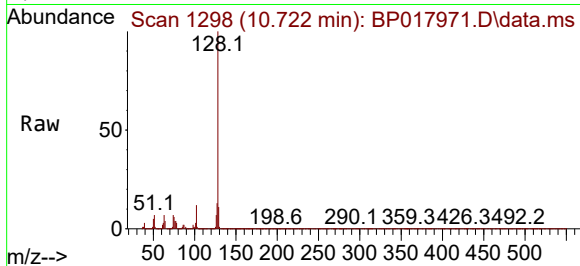




#30
Naphthalene
Concen: 31.690 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

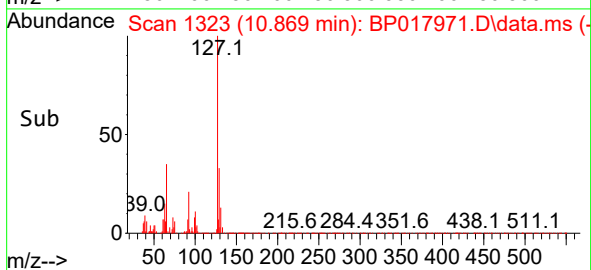
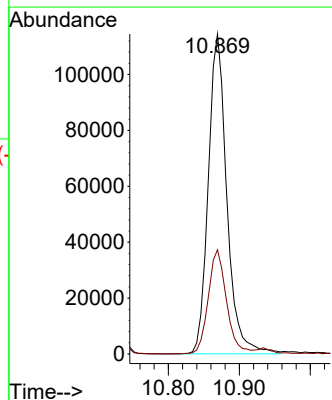
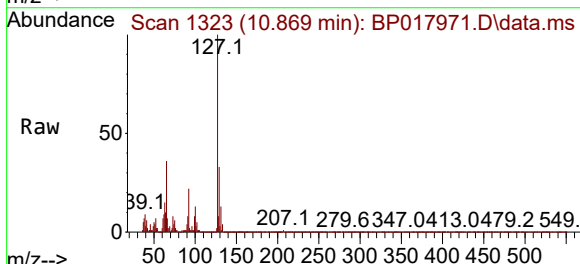
Instrument :
BNA_P
ClientSampleId :
SLCS829

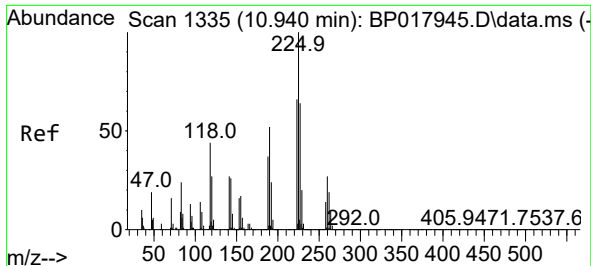
Tgt Ion:128 Resp: 556934
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 12.8 10.6 15.8



#32
4-Chloroaniline
Concen: 29.173 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:127 Resp: 207449
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.2

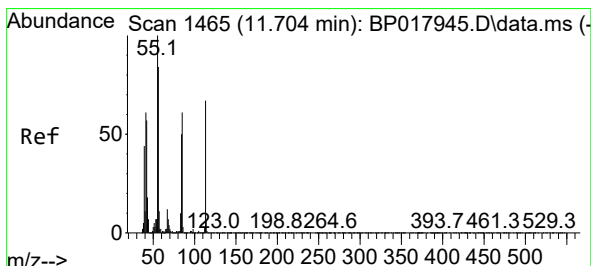
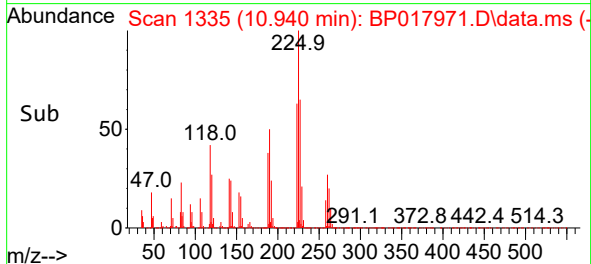
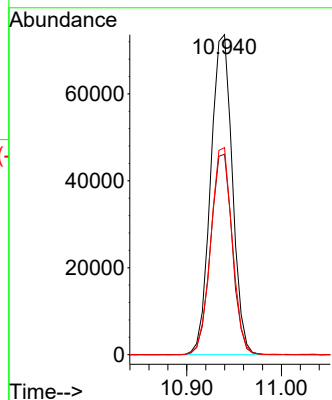
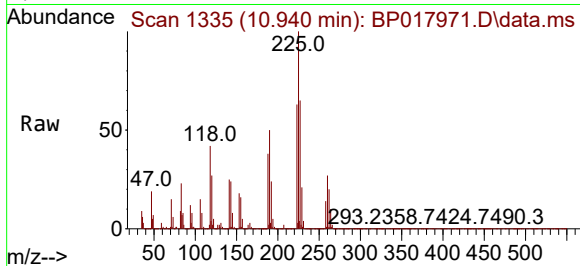




#33
Hexachlorobutadiene
Concen: 28.391 ng/ul
RT: 10.940 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

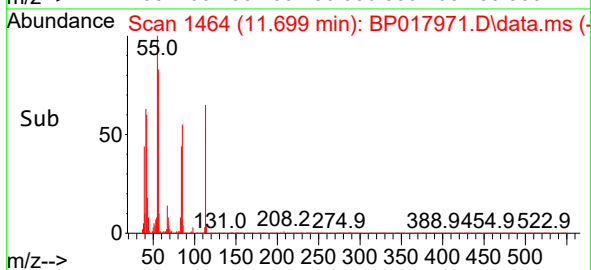
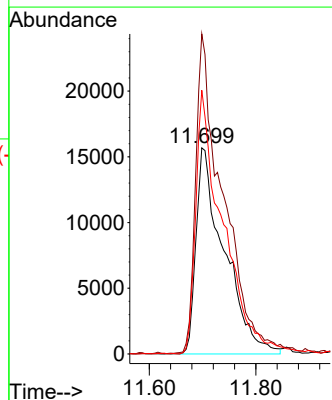
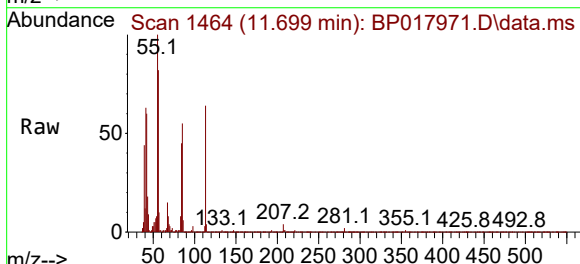
Instrument :
BNA_P
ClientSampleId :
SLCS829

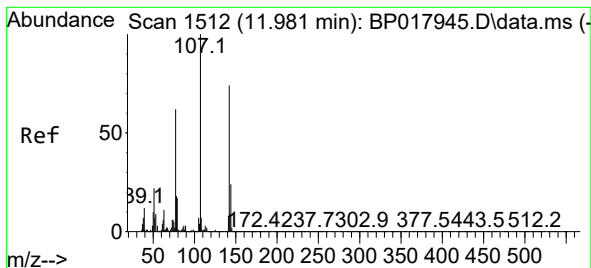
Tgt Ion:225 Resp: 116727
Ion Ratio Lower Upper
225 100
223 62.7 47.7 71.5
227 64.7 50.8 76.2



#34
Caprolactam
Concen: 36.421 ng/ul
RT: 11.699 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:113 Resp: 57357
Ion Ratio Lower Upper
113 100
55 155.3 114.1 171.1
56 128.0 91.7 137.5

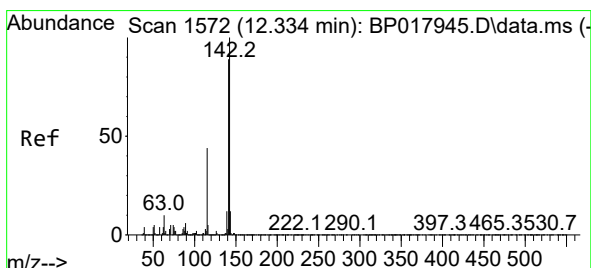
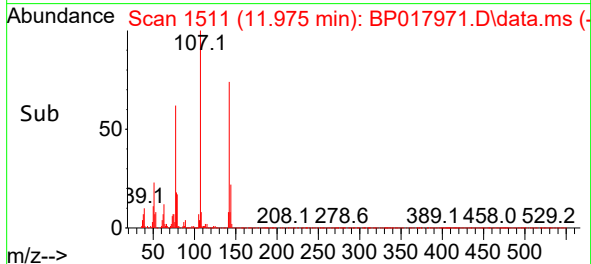
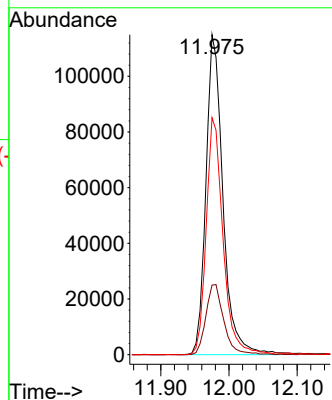
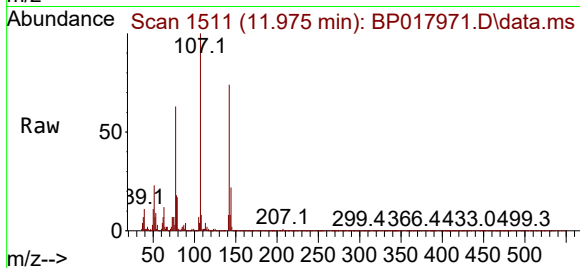




#35
4-Chloro-3-methylphenol
Concen: 34.840 ng/ul
RT: 11.975 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

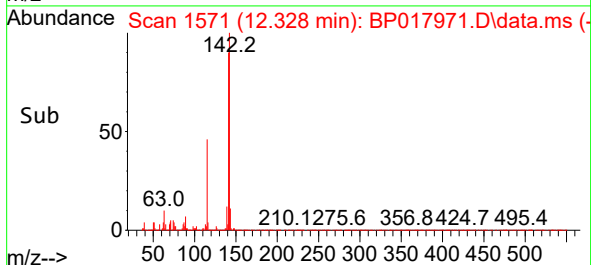
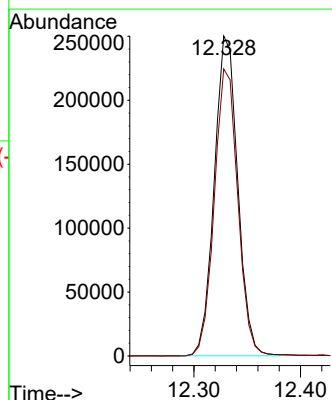
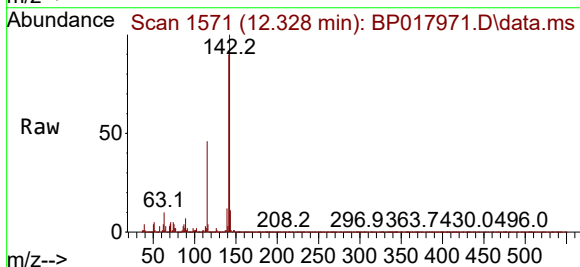
Instrument :
BNA_P
ClientSampleId :
SLCS829

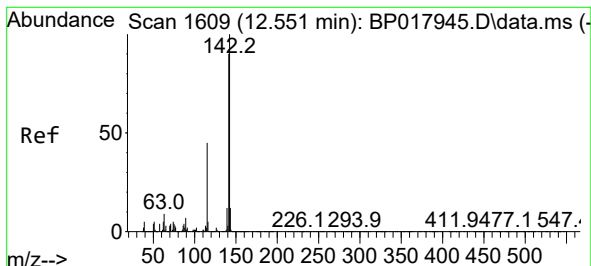
Tgt Ion:107 Resp: 199307
Ion Ratio Lower Upper
107 100
144 21.7 20.8 31.2
142 74.0 62.2 93.2



#36
2-Methylnaphthalene
Concen: 31.867 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:142 Resp: 382143
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3





#37

1-Methylnaphthalene

Concen: 30.796 ng/ul

RT: 12.552 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

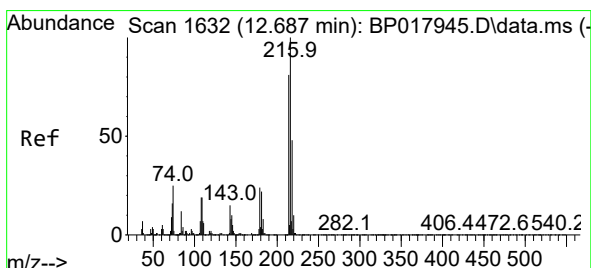
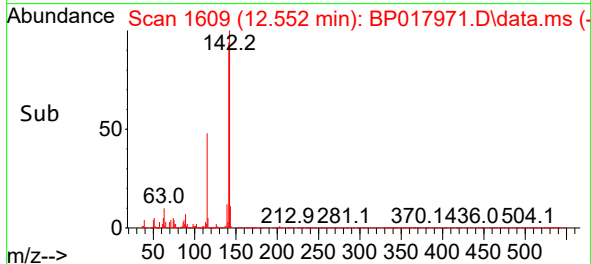
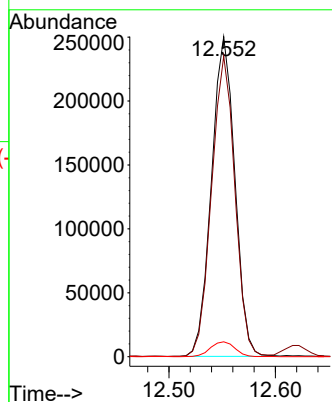
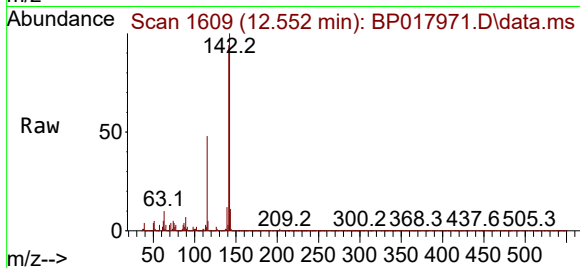
Tgt Ion:142 Resp: 381521

Ion Ratio Lower Upper

142 100

141 93.9 74.3 111.5

116 4.7 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.604 ng/ul

RT: 12.681 min Scan# 1631

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Tgt Ion:216 Resp: 208441

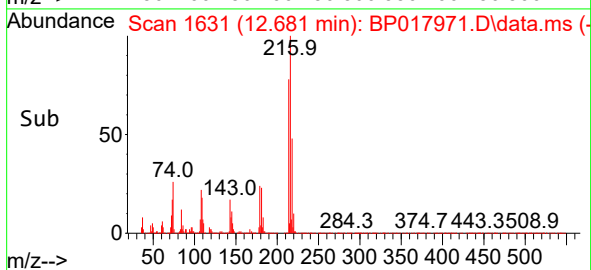
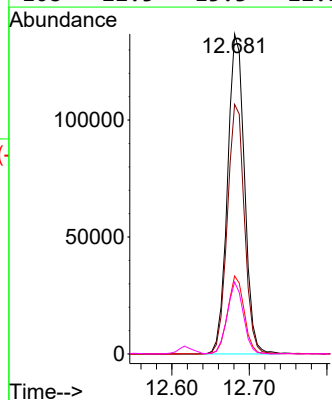
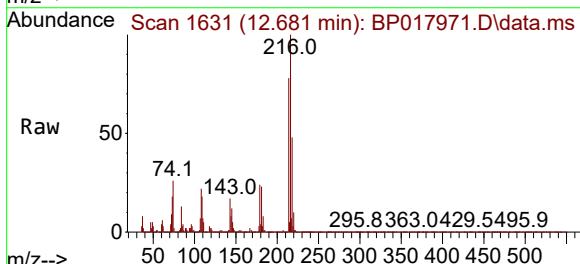
Ion Ratio Lower Upper

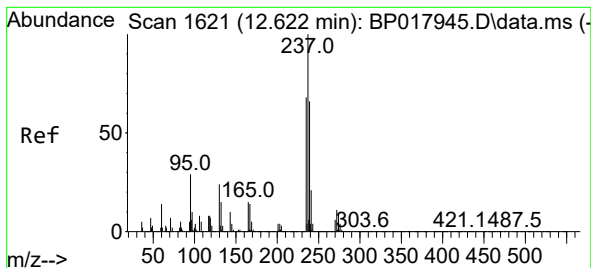
216 100

214 78.0 63.4 95.2

179 24.4 18.9 28.3

108 22.5 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 23.990 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

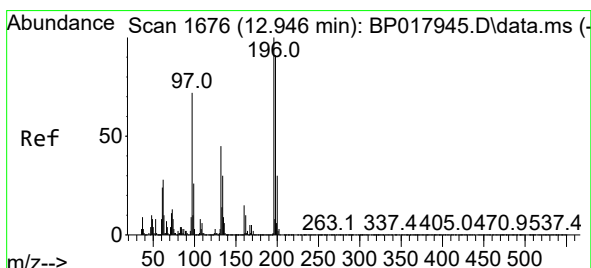
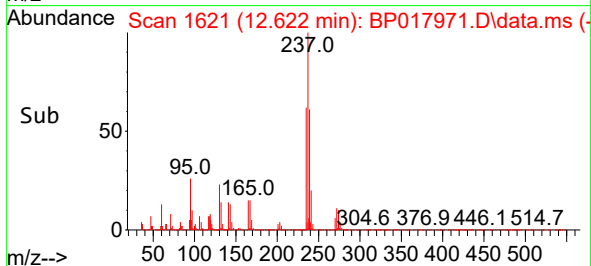
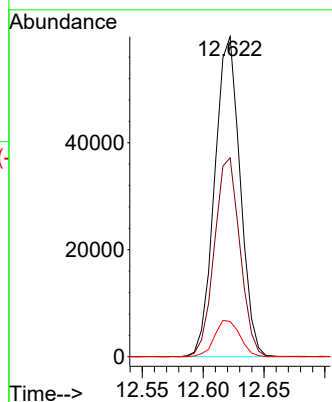
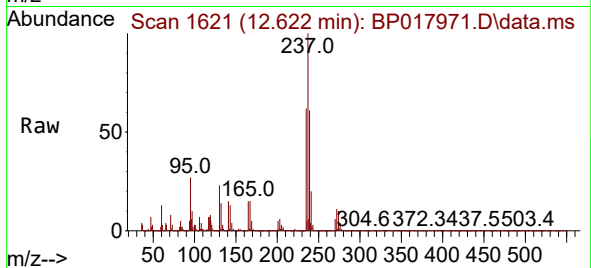
Tgt Ion:237 Resp: 87015

Ion Ratio Lower Upper

237 100

235 62.2 51.3 76.9

272 11.0 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 32.461 ng/ul

RT: 12.946 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

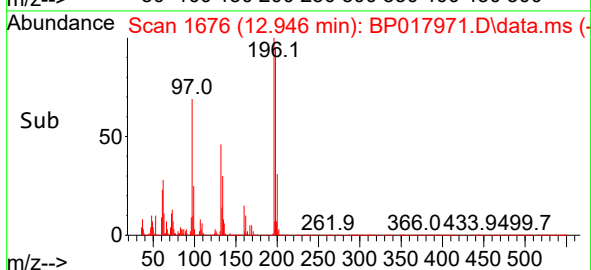
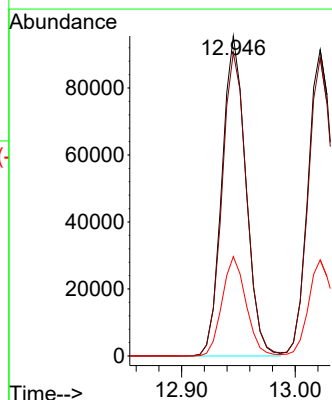
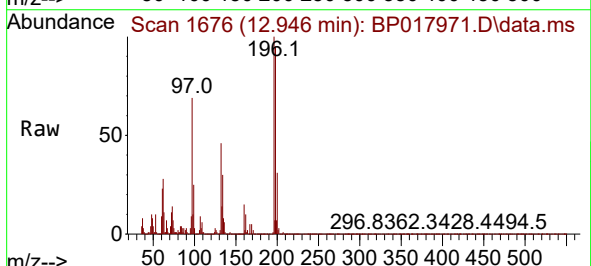
Tgt Ion:196 Resp: 139772

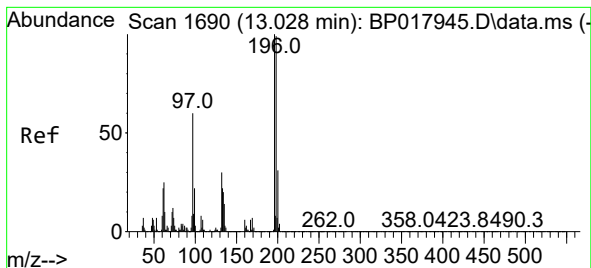
Ion Ratio Lower Upper

196 100

198 94.8 78.5 117.7

200 31.1 24.1 36.1

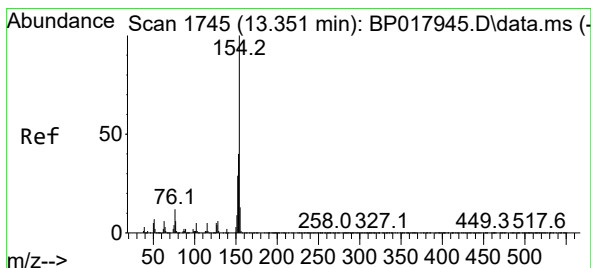
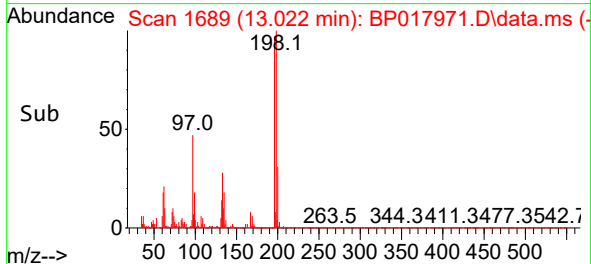
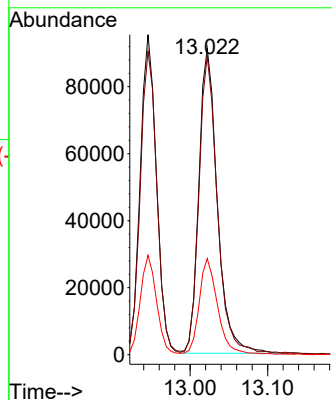
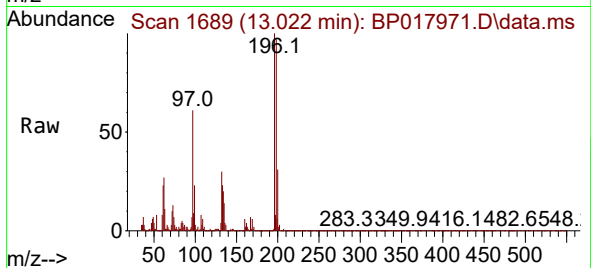




#42
2,4,5-Trichlorophenol
Concen: 34.020 ng/ul
RT: 13.022 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

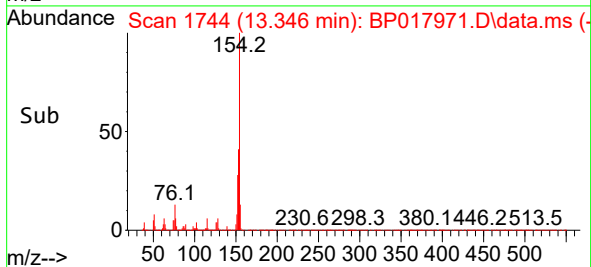
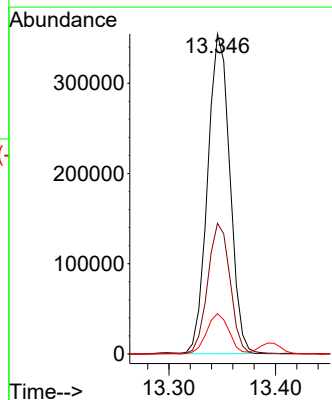
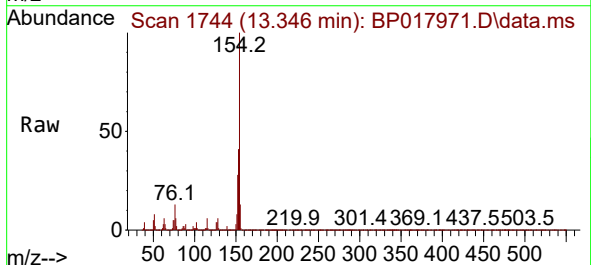
Instrument :
BNA_P
ClientSampleId :
SLCS829

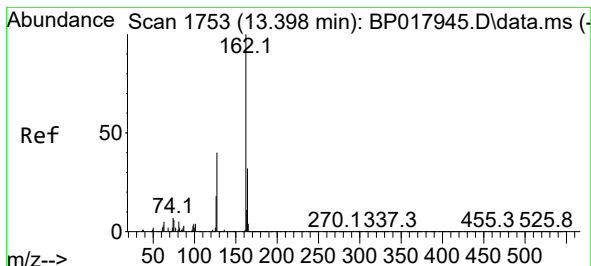
Tgt Ion:196 Resp: 150845
Ion Ratio Lower Upper
196 100
198 97.4 78.5 117.7
200 31.4 25.3 37.9



#43
1,1'-Biphenyl
Concen: 32.045 ng/ul
RT: 13.346 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:154 Resp: 513843
Ion Ratio Lower Upper
154 100
153 40.8 31.8 47.8
76 12.6 8.5 12.7

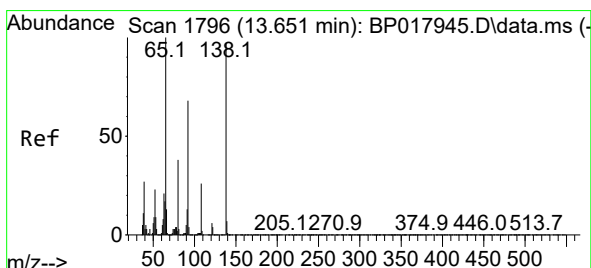
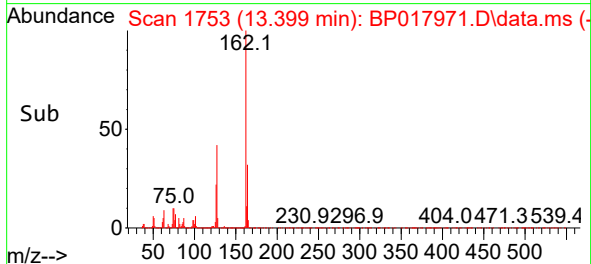
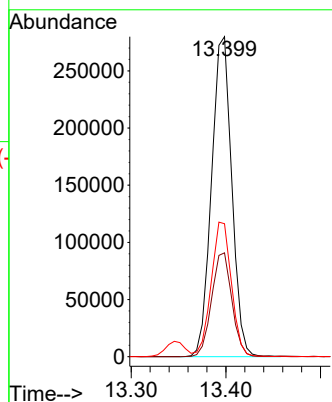
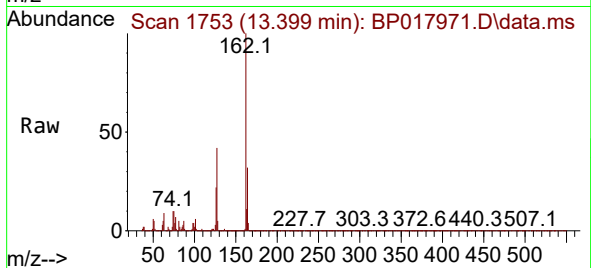




#44
2-Chloronaphthalene
Concen: 32.572 ng/ul
RT: 13.399 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

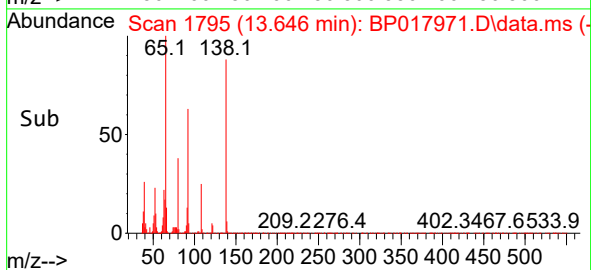
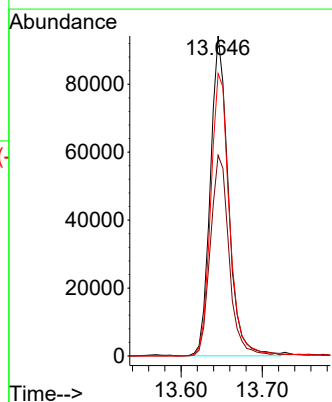
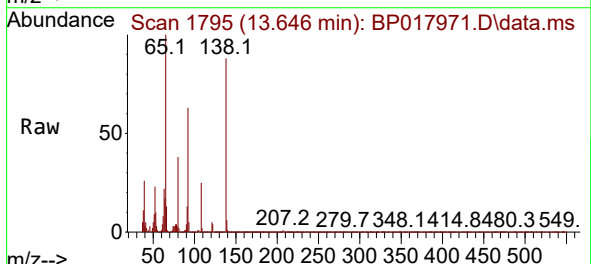
Instrument :
BNA_P
ClientSampleId :
SLCS829

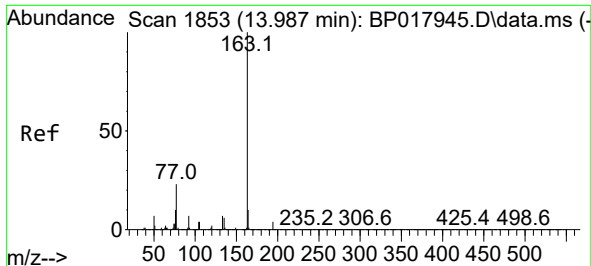
Tgt Ion:162 Resp: 416079
Ion Ratio Lower Upper
162 100
164 32.5 26.7 40.1
127 41.6 33.0 49.6



#45
2-Nitroaniline
Concen: 37.953 ng/ul
RT: 13.646 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion: 65 Resp: 145165
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 88.2 79.1 118.7





#47

Dimethylphthalate

Concen: 33.184 ng/ul

RT: 13.987 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

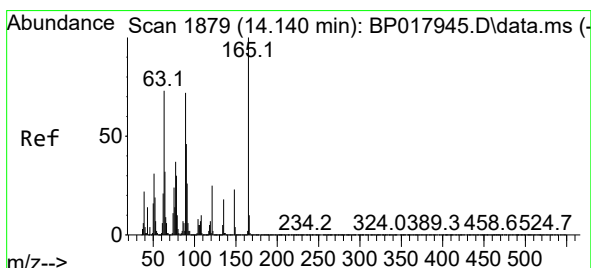
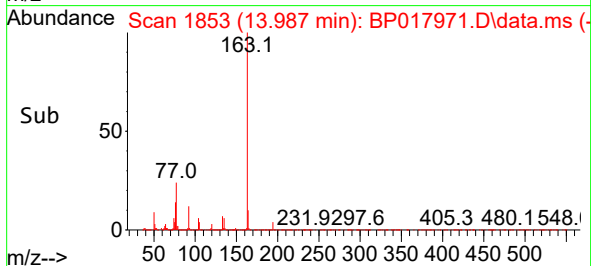
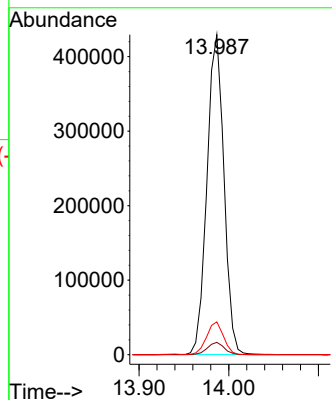
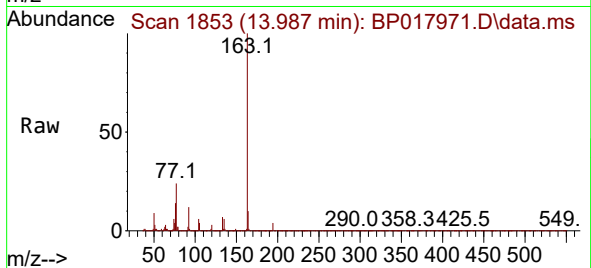
Tgt Ion:163 Resp: 564233

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 33.776 ng/ul

RT: 14.140 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

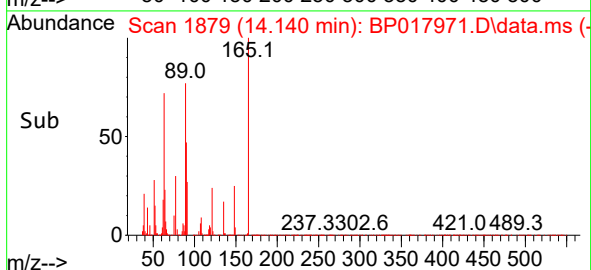
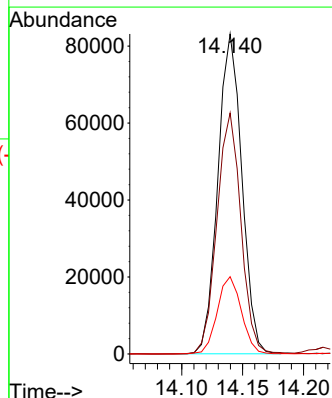
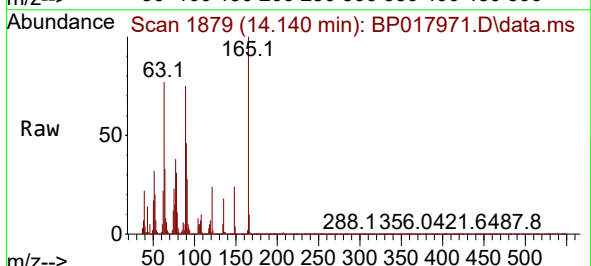
Tgt Ion:165 Resp: 113988

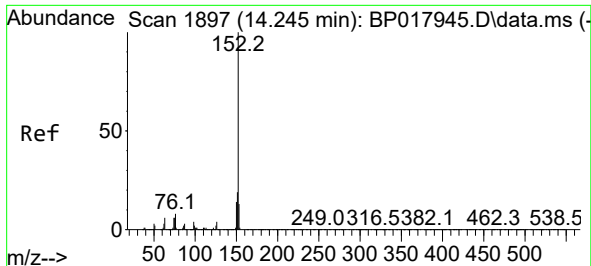
Ion Ratio Lower Upper

165 100

89 75.3 54.9 82.3

121 24.2 19.0 28.6

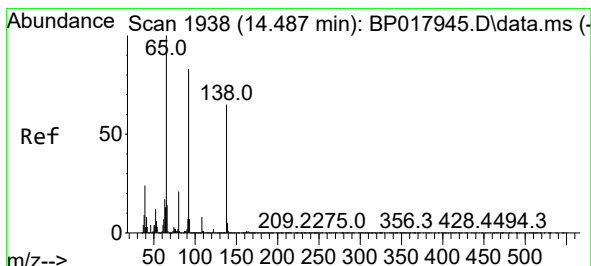
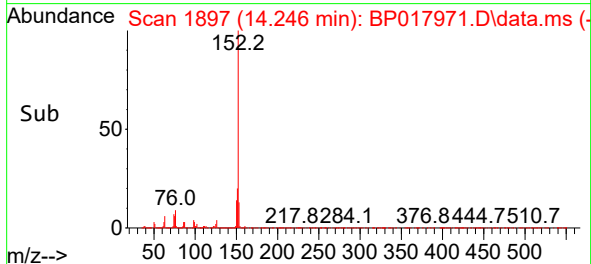
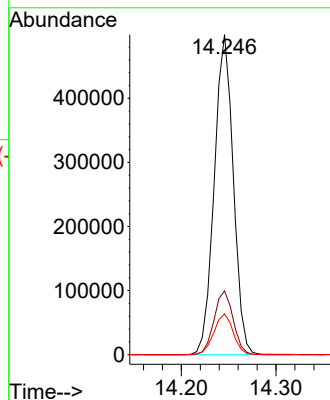
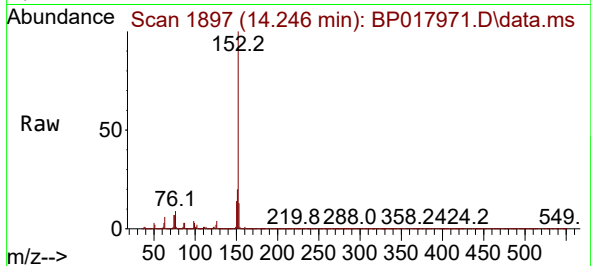




#50
Acenaphthylene
Concen: 32.982 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

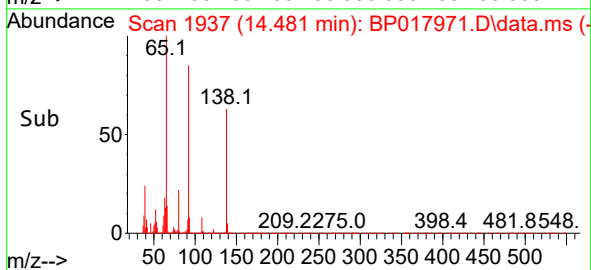
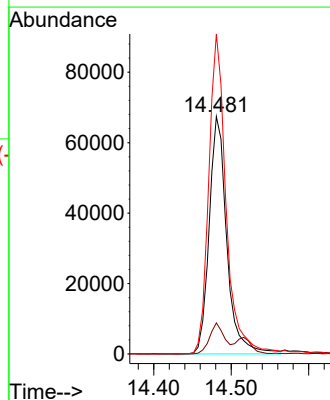
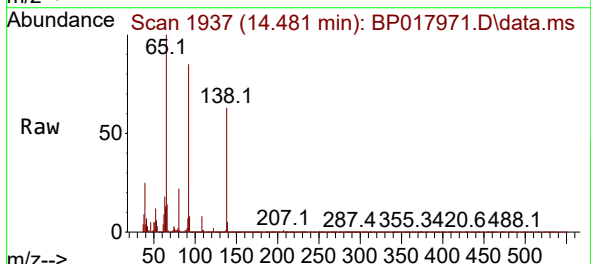
Instrument :
BNA_P
ClientSampleId :
SLCS829

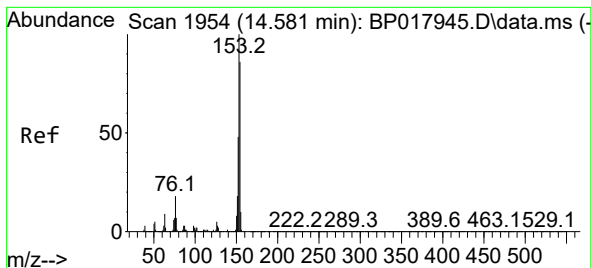
Tgt Ion:152 Resp: 698406
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.8 10.4 15.6



#51
3-Nitroaniline
Concen: 33.503 ng/ul
RT: 14.481 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:138 Resp: 106505
Ion Ratio Lower Upper
138 100
108 13.0 8.4 12.6#
92 134.8 94.2 141.4





#52

Acenaphthene

Concen: 33.139 ng/ul

RT: 14.581 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

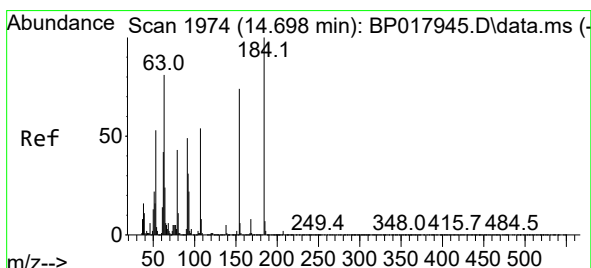
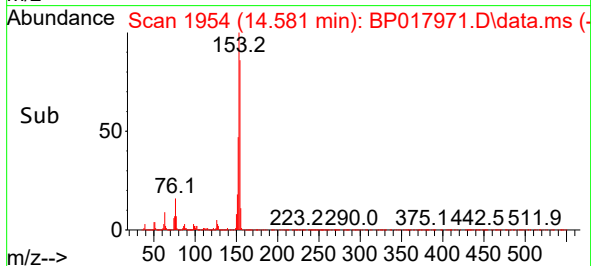
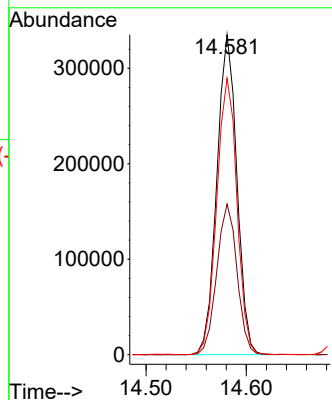
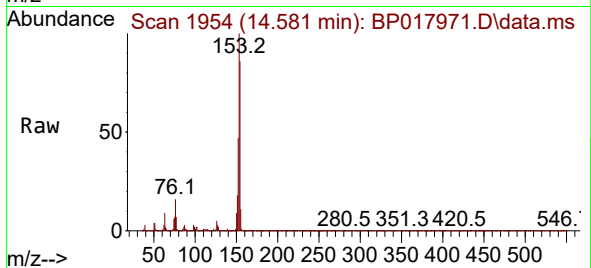
Tgt Ion:153 Resp: 465067

Ion Ratio Lower Upper

153 100

152 47.1 37.7 56.5

154 86.3 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 27.387 ng/ul

RT: 14.693 min Scan# 1973

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

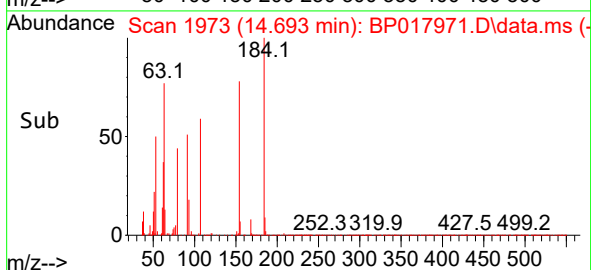
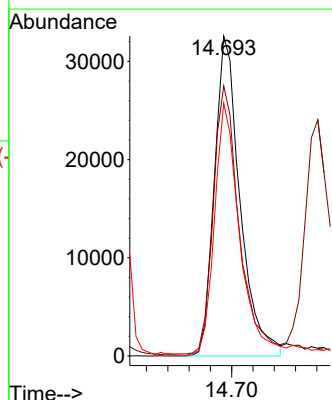
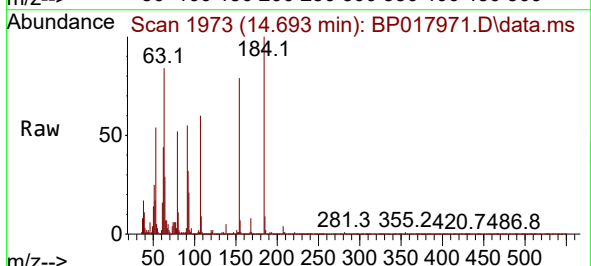
Tgt Ion:184 Resp: 54402

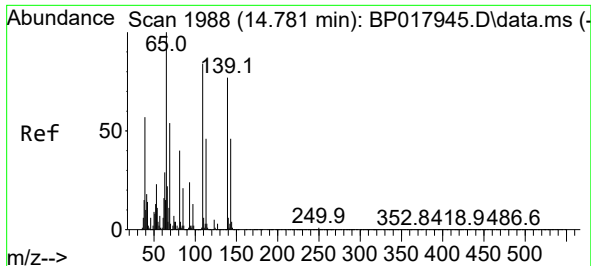
Ion Ratio Lower Upper

184 100

63 84.4 54.5 81.7#

154 78.9 56.4 84.6

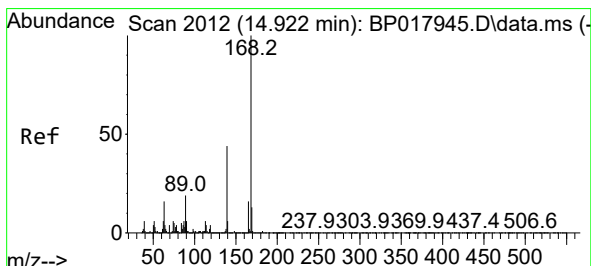
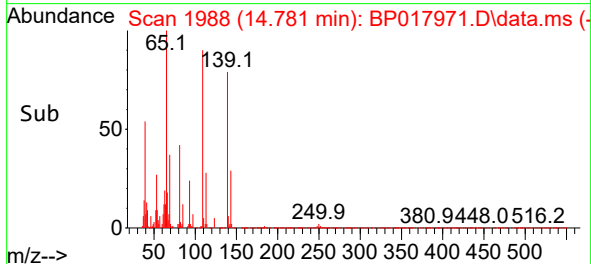
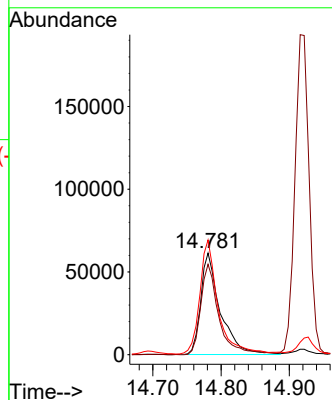
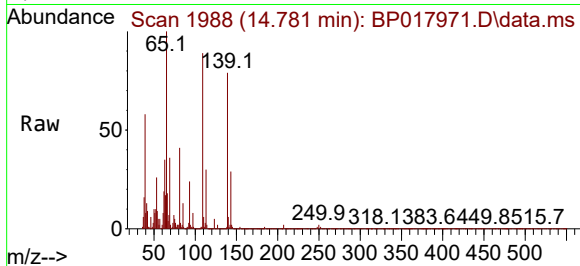




#55
4-Nitrophenol
Concen: 35.649 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

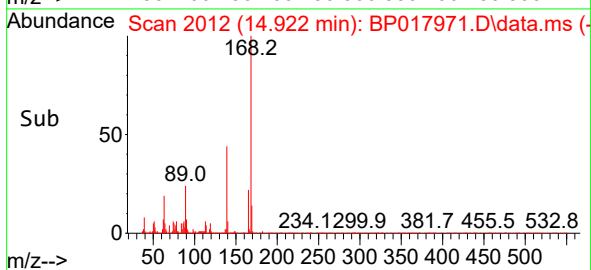
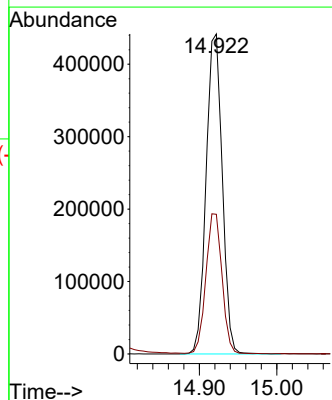
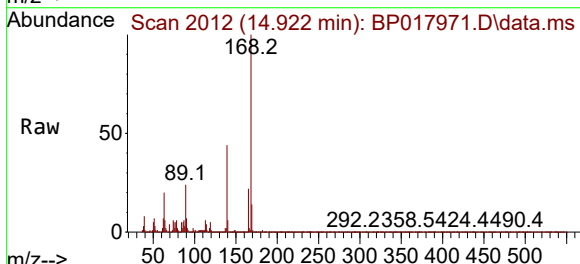
Instrument :
BNA_P
ClientSampleId :
SLCS829

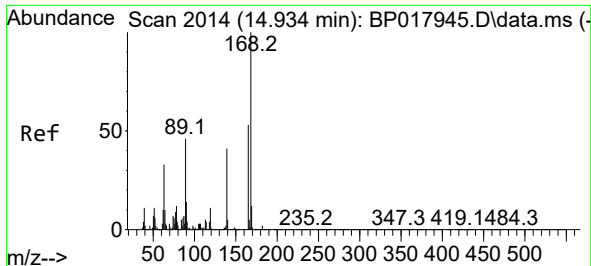
Tgt Ion:109 Resp: 122606
Ion Ratio Lower Upper
109 100
139 89.0 79.6 119.4
65 112.9 87.8 131.8



#56
Dibenzofuran
Concen: 32.918 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:168 Resp: 638127
Ion Ratio Lower Upper
168 100
139 43.7 33.8 50.6

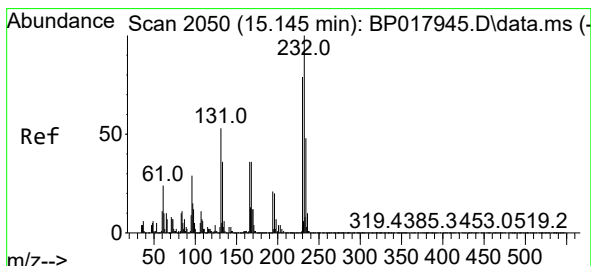
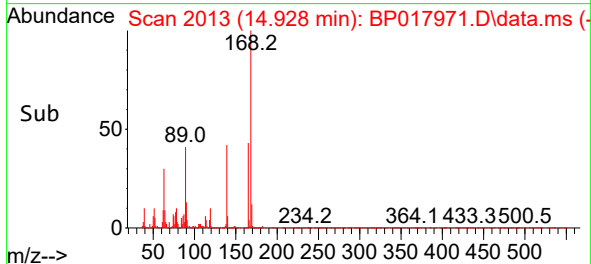
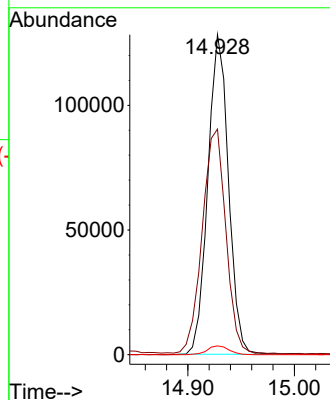
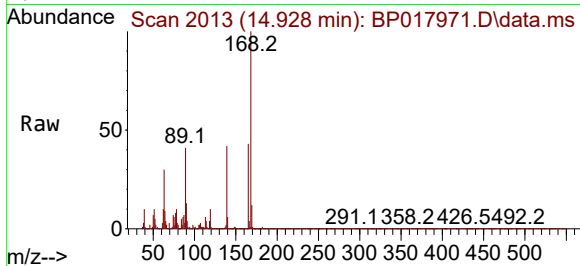




#57
2,4-Dinitrotoluene
Concen: 34.209 ng/ul
RT: 14.928 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

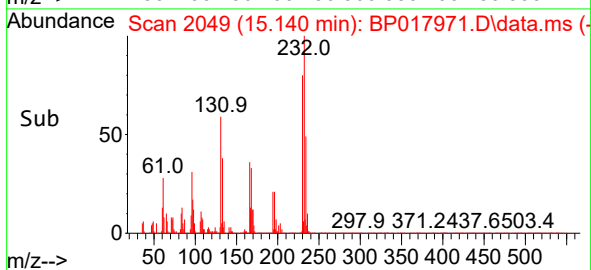
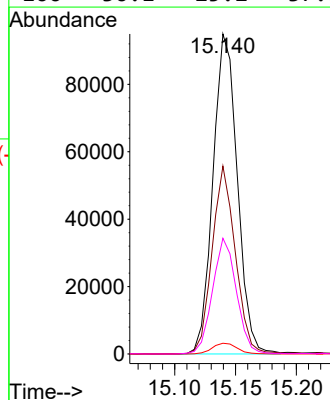
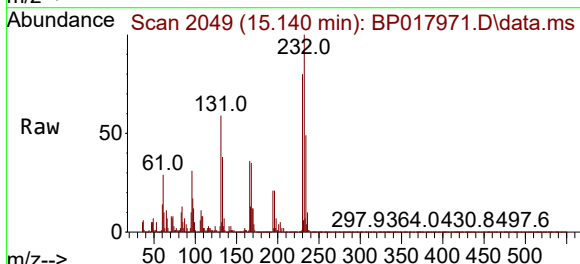
Instrument :
BNA_P
ClientSampleId :
SLCS829

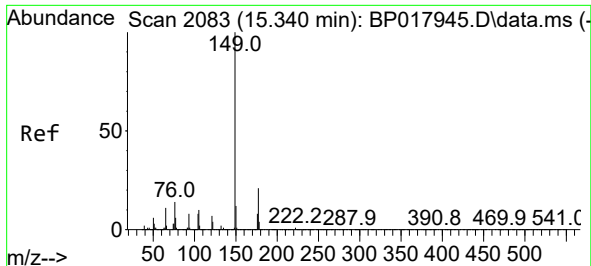
Tgt Ion:165 Resp: 172527
Ion Ratio Lower Upper
165 100
63 70.5 53.3 79.9
182 2.8 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.027 ng/ul
RT: 15.140 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:232 Resp: 132332
Ion Ratio Lower Upper
232 100
131 58.7 38.3 57.5#
130 3.4 2.2 3.4#
166 36.1 25.2 37.8

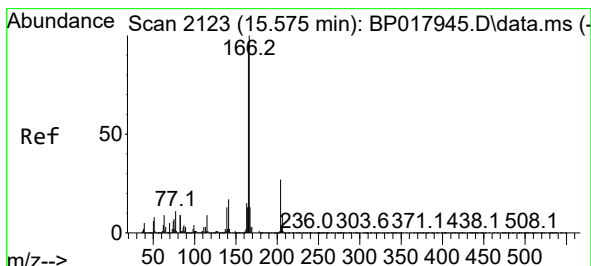
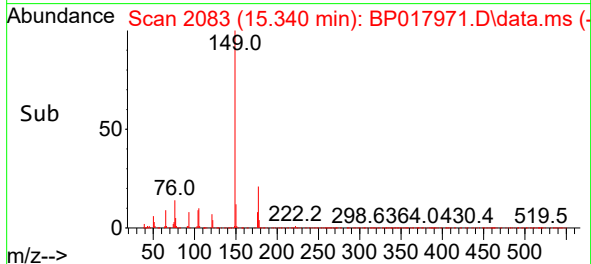
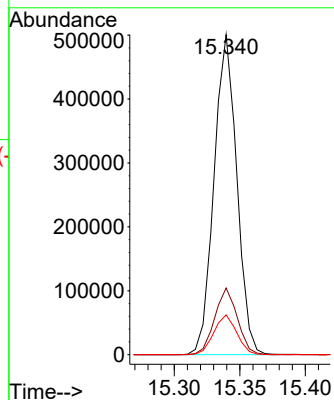
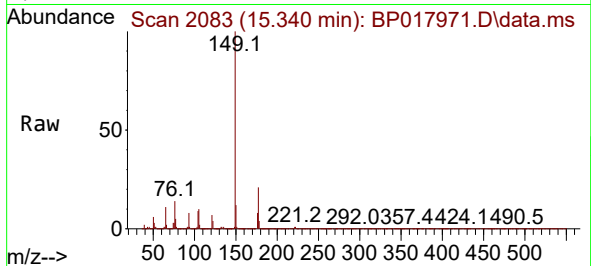




#59
Diethylphthalate
Concen: 34.040 ng/ul
RT: 15.340 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

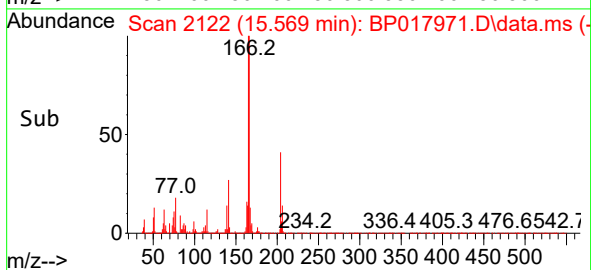
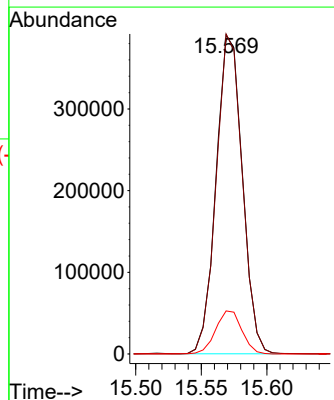
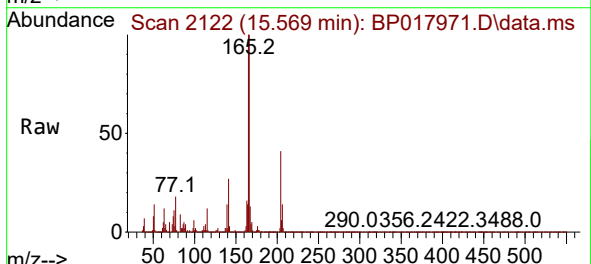
Instrument :
BNA_P
ClientSampleId :
SLCS829

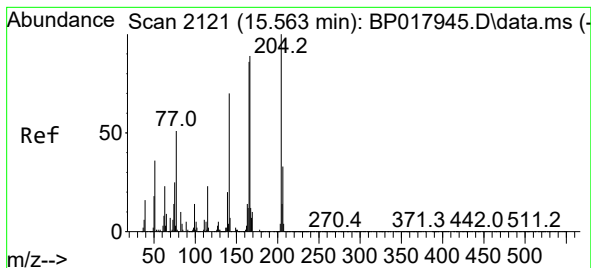
Tgt Ion:149 Resp: 603052
Ion Ratio Lower Upper
149 100
177 20.9 16.4 24.6
150 12.4 9.7 14.5



#61
Fluorene
Concen: 33.132 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:166 Resp: 543823
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.6
167 13.5 10.9 16.3

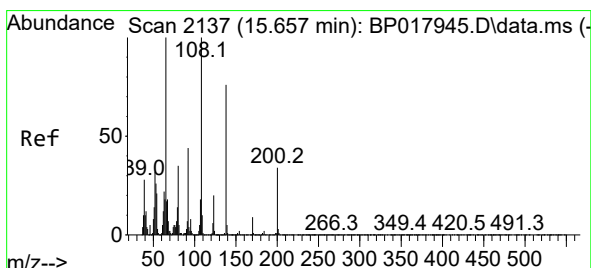
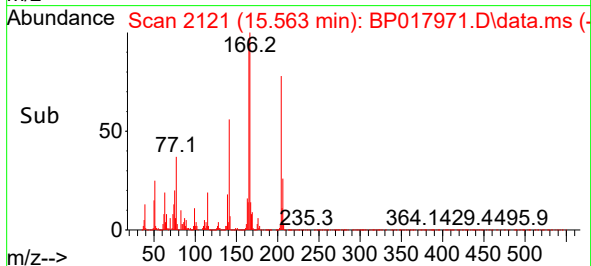
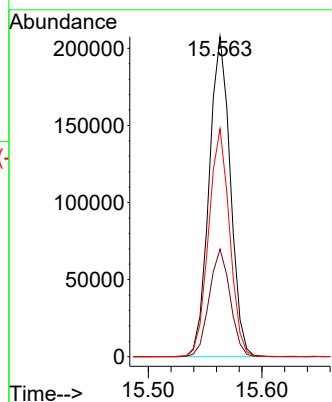
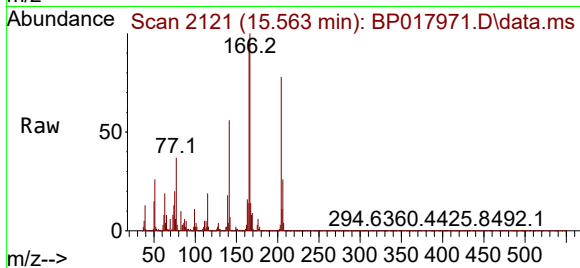




#62
4-Chlorophenyl-phenylether
Concen: 31.641 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

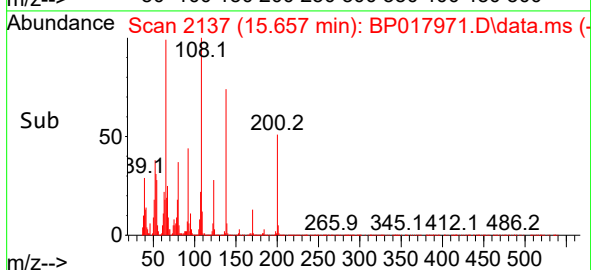
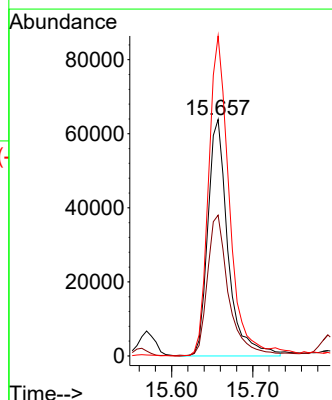
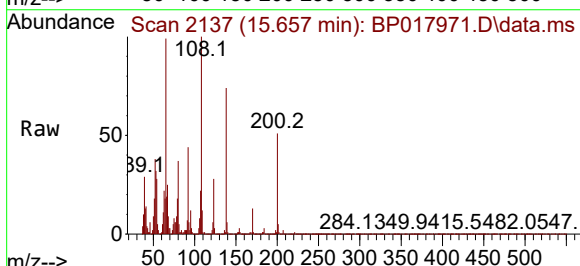
Instrument :
BNA_P
ClientSampleId :
SLCS829

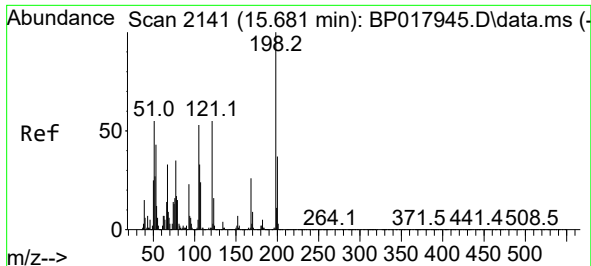
Tgt Ion:204 Resp: 268770
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 71.2 53.6 80.4



#63
4-Nitroaniline
Concen: 36.565 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:138 Resp: 109969
Ion Ratio Lower Upper
138 100
92 59.5 45.4 68.2
108 135.3 103.1 154.7

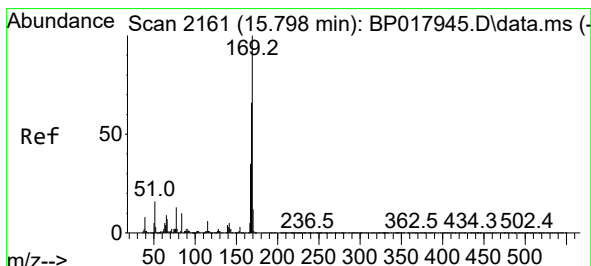
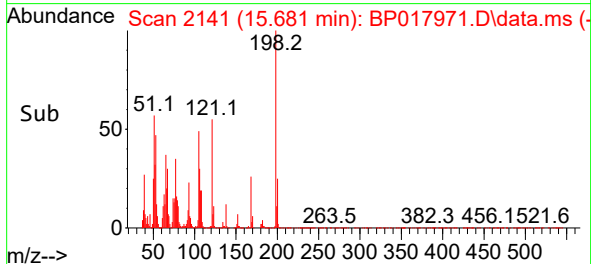
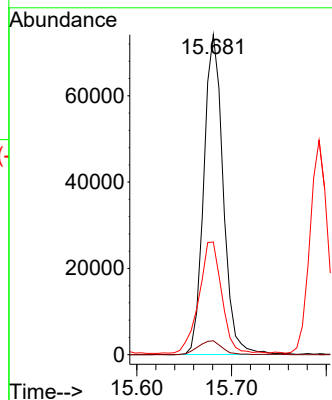
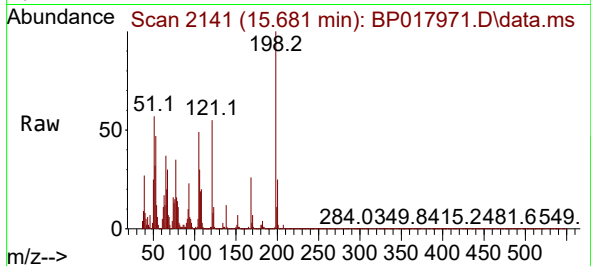




#66
4,6-Dinitro-2-methylphenol
Concen: 30.785 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

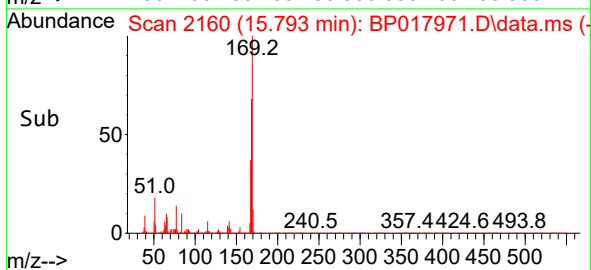
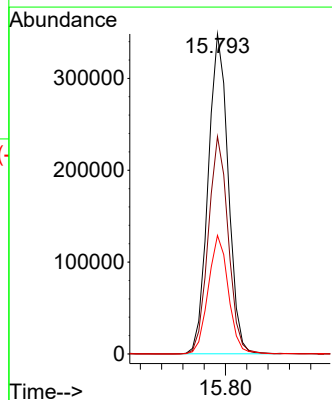
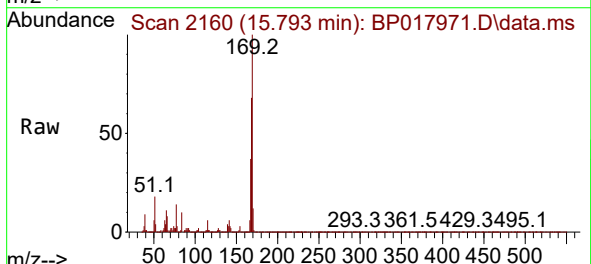
Instrument :
BNA_P
ClientSampleId :
SLCS829

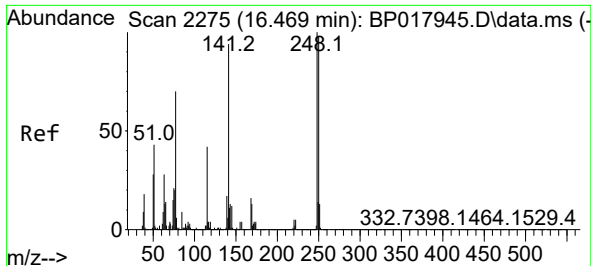
Tgt Ion:198 Resp: 105386
Ion Ratio Lower Upper
198 100
182 4.3 4.4 6.6#
77 35.2 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 32.989 ng/ul
RT: 15.793 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:169 Resp: 454959
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.0
167 37.0 28.0 42.0

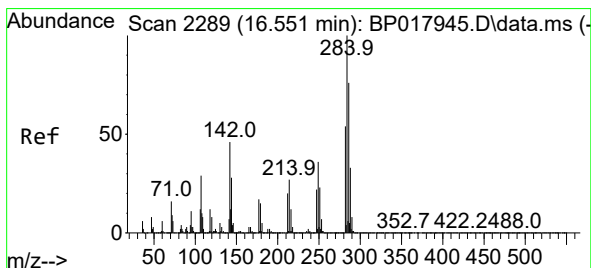
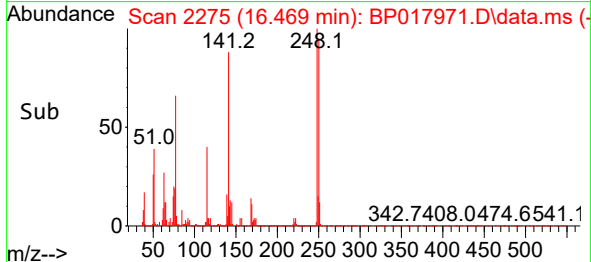
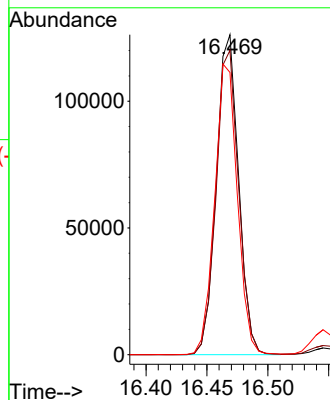
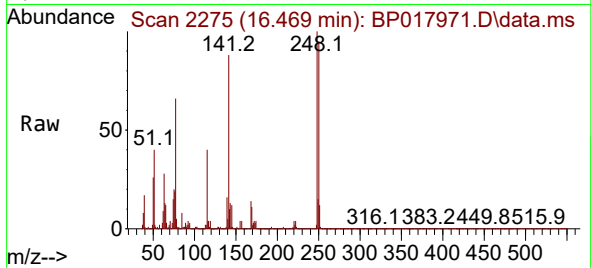




#68
4-Bromophenyl-phenylether
Concen: 30.474 ng/ul
RT: 16.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

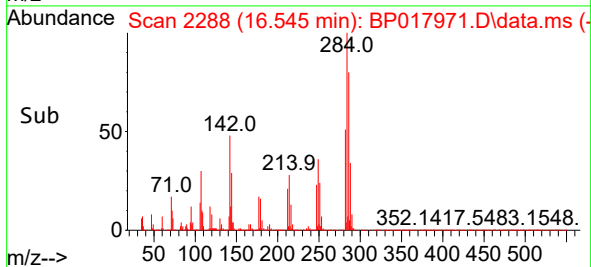
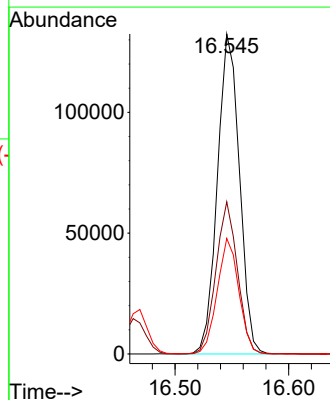
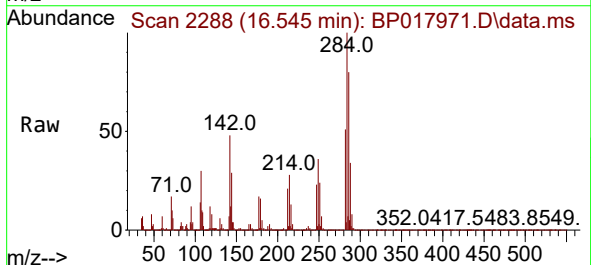
Instrument :
BNA_P
ClientSampleId :
SLCS829

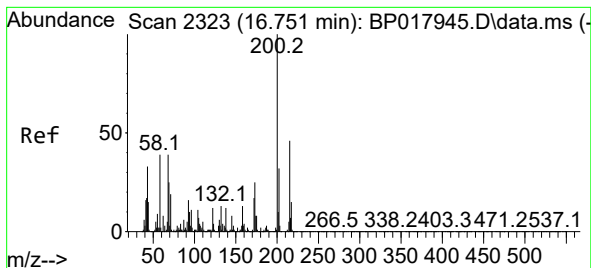
Tgt Ion:248 Resp: 160797
Ion Ratio Lower Upper
248 100
250 95.1 77.9 116.9
141 88.2 62.4 93.6



#69
Hexachlorobenzene
Concen: 29.514 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:284 Resp: 178751
Ion Ratio Lower Upper
284 100
142 47.6 29.0 43.6#
249 36.1 25.8 38.6





#70

Atrazine

Concen: 32.785 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

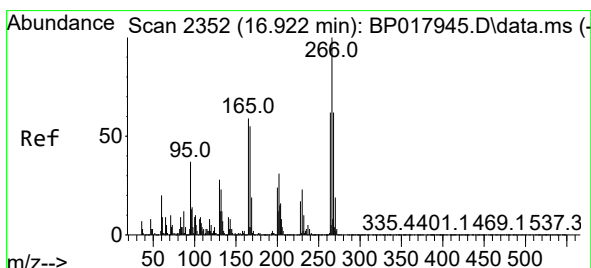
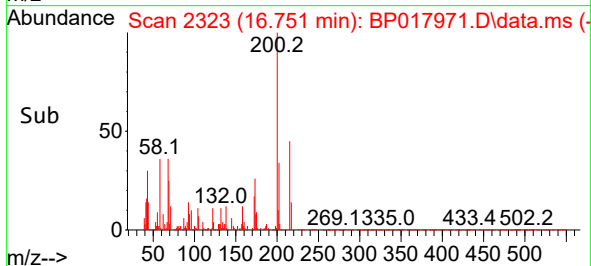
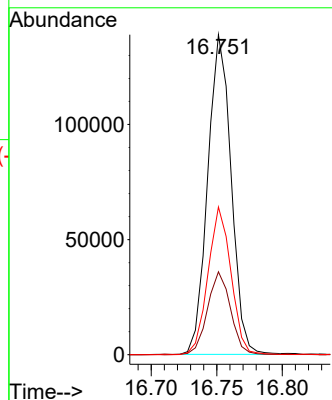
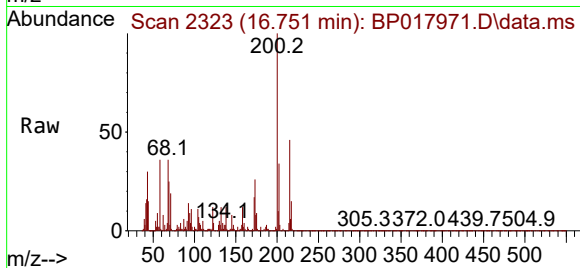
Tgt Ion:200 Resp: 172689

Ion Ratio Lower Upper

200 100

173 25.9 20.2 30.4

215 46.2 37.7 56.5



#71

Pentachlorophenol

Concen: 29.948 ng/ul

RT: 16.922 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

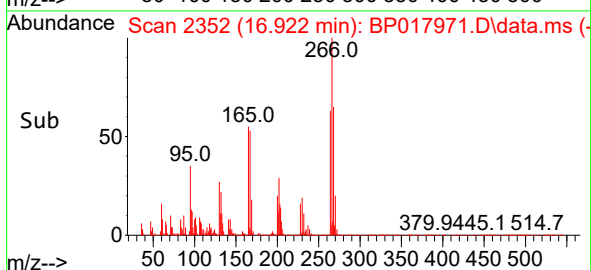
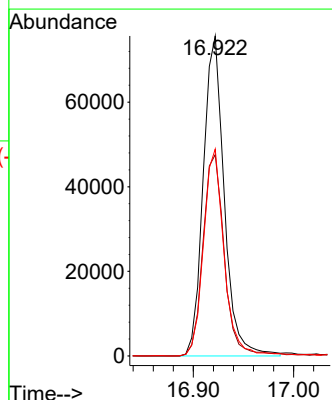
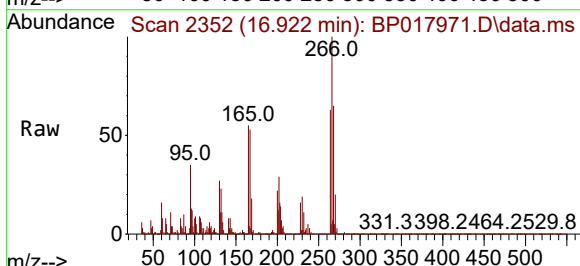
Tgt Ion:266 Resp: 110172

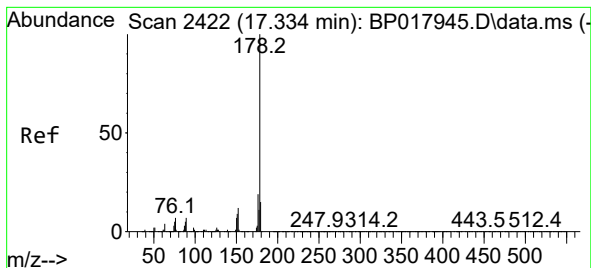
Ion Ratio Lower Upper

266 100

264 62.9 53.8 80.6

268 64.6 52.4 78.6





#72

Phenanthrene

Concen: 33.426 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

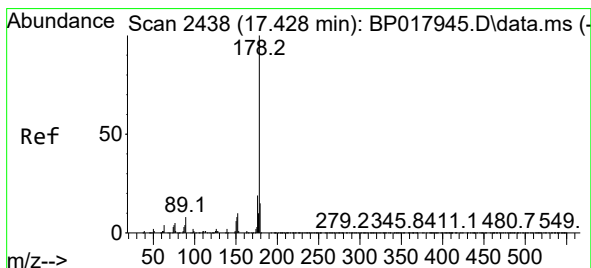
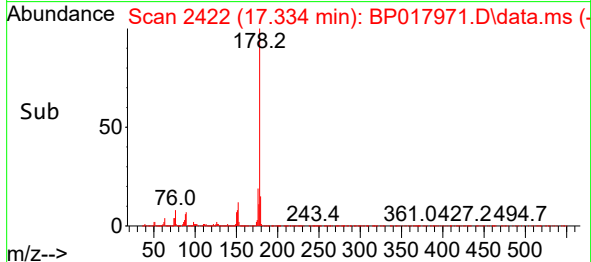
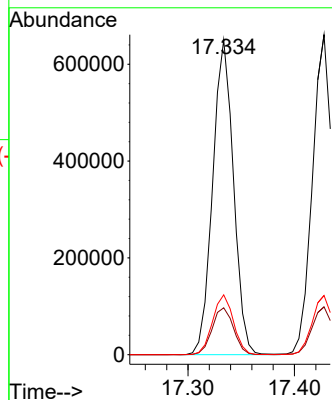
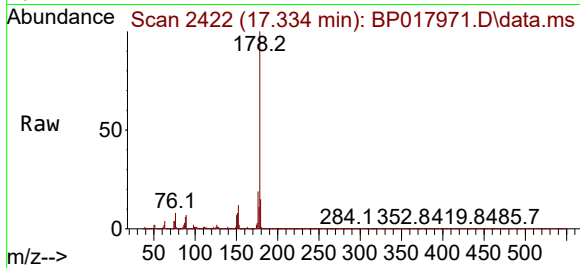
Tgt Ion:178 Resp: 880709

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 19.0 15.2 22.8



#74

Anthracene

Concen: 33.107 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

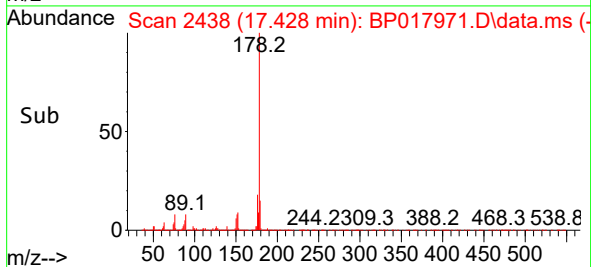
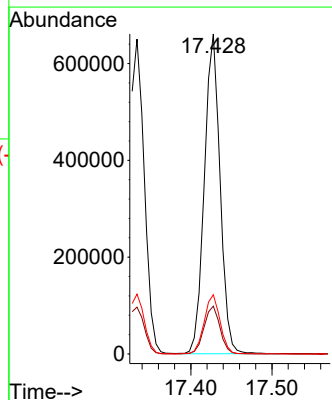
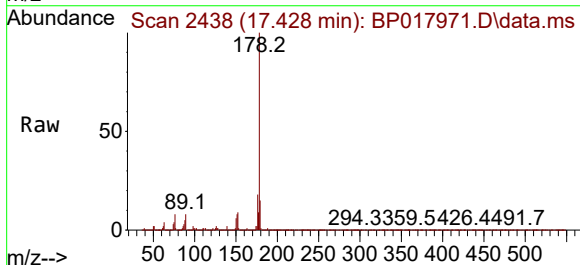
Tgt Ion:178 Resp: 886669

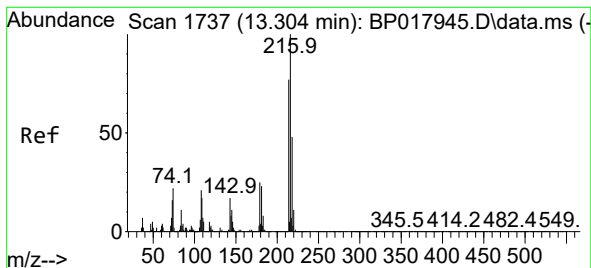
Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.297 ng/uL

RT: 13.299 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

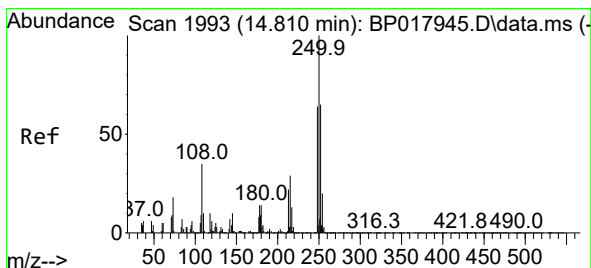
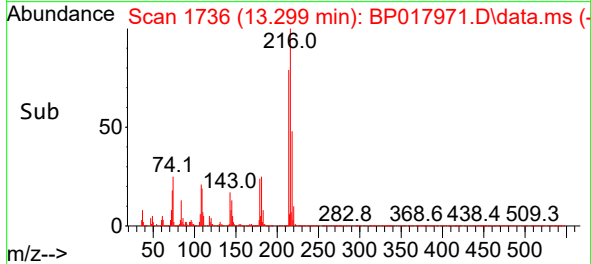
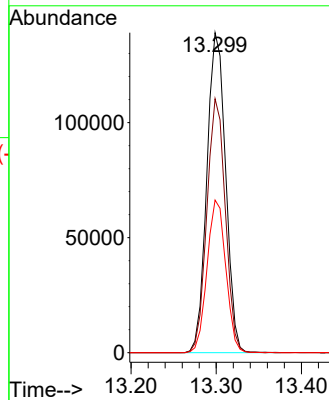
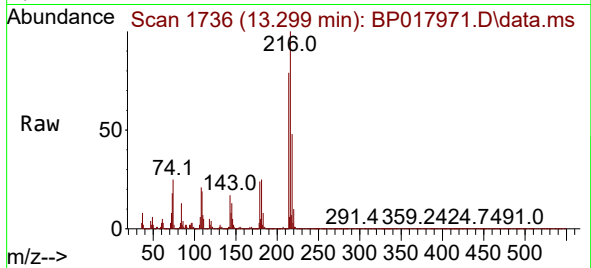
Tgt Ion:216 Resp: 212765

Ion Ratio Lower Upper

216 100

214 79.3 62.3 93.5

218 47.7 39.8 59.6



#76

Pentachlorobenzene

Concen: 30.071 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

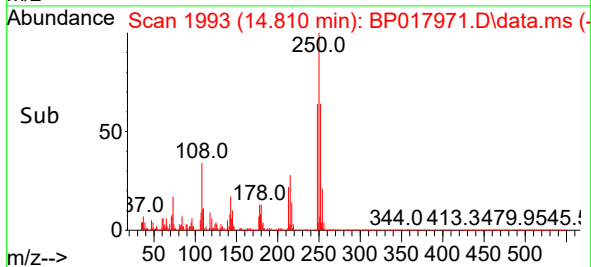
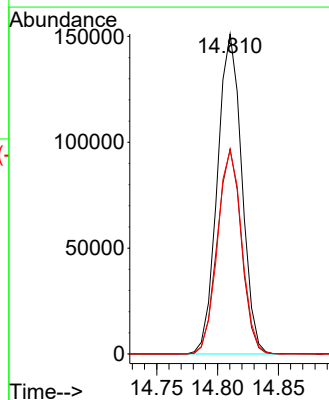
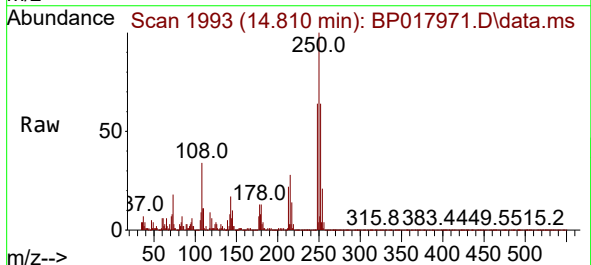
Tgt Ion:250 Resp: 210728

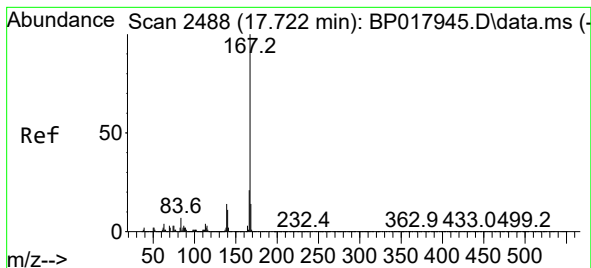
Ion Ratio Lower Upper

250 100

248 64.0 48.5 72.7

252 63.7 50.2 75.4





#77

Carbazole

Concen: 33.823 ng/ul

RT: 17.722 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

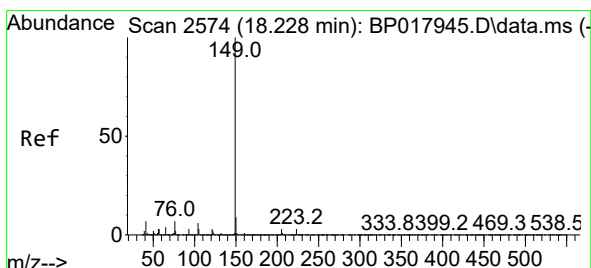
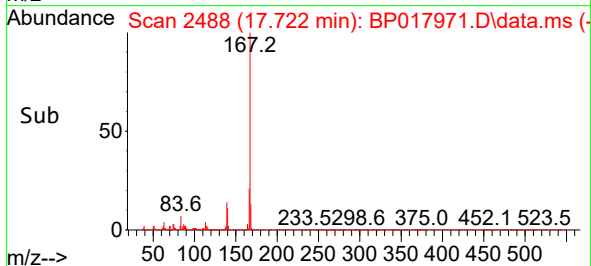
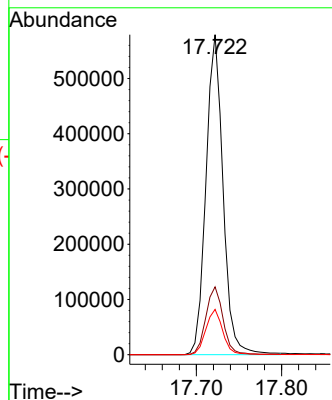
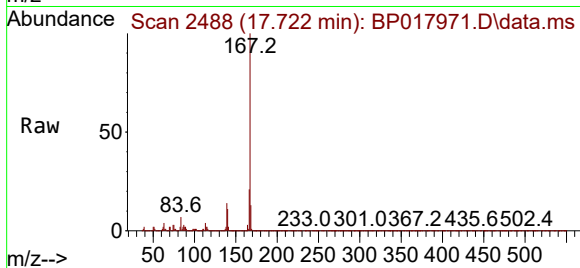
Tgt Ion:167 Resp: 807764

Ion Ratio Lower Upper

167 100

166 21.2 17.7 26.5

139 14.1 11.0 16.4



#78

Di-n-butylphthalate

Concen: 35.188 ng/ul

RT: 18.228 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

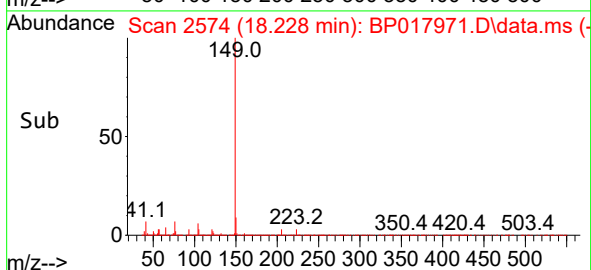
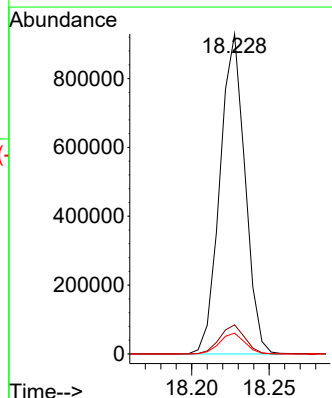
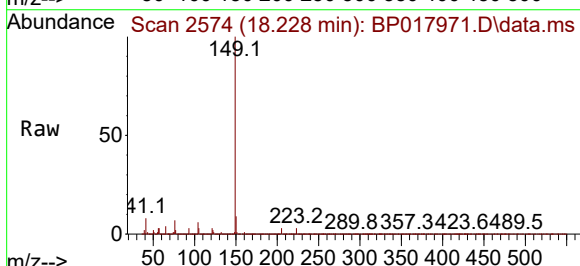
Tgt Ion:149 Resp: 1045634

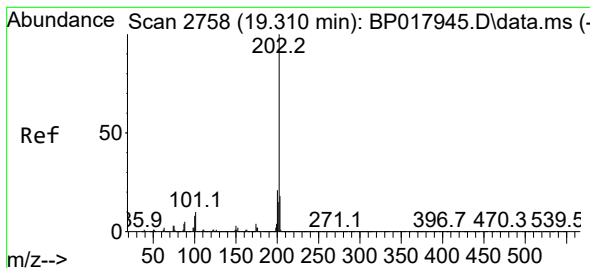
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 6.5 5.0 7.6





#80

Fluoranthene

Concen: 33.771 ng/ul

RT: 19.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

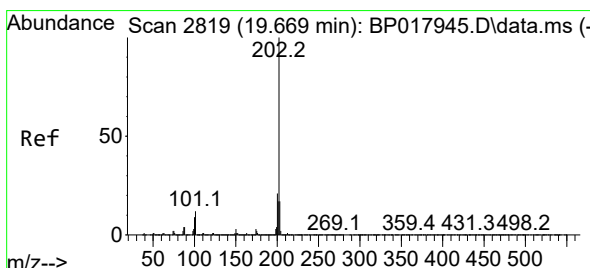
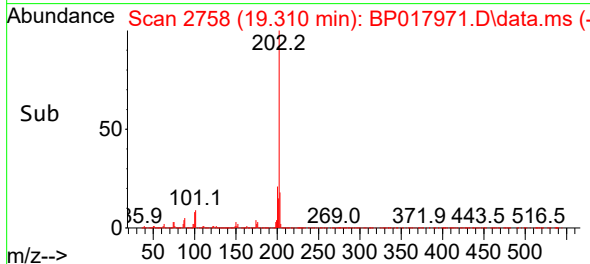
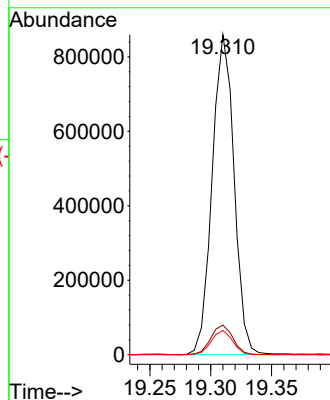
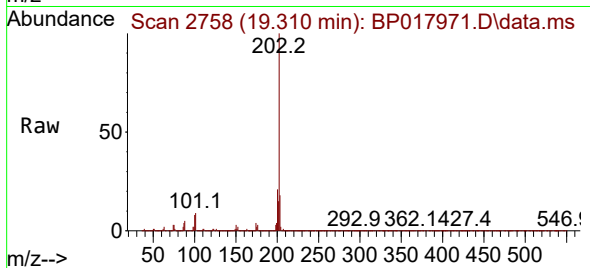
Tgt Ion:202 Resp: 1073880

Ion Ratio Lower Upper

202 100

101 9.3 7.1 10.7

100 7.5 5.3 7.9



#82

Pyrene

Concen: 34.046 ng/ul

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

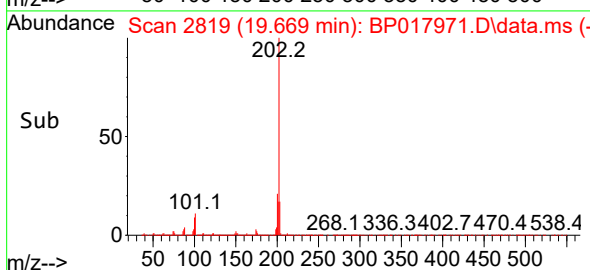
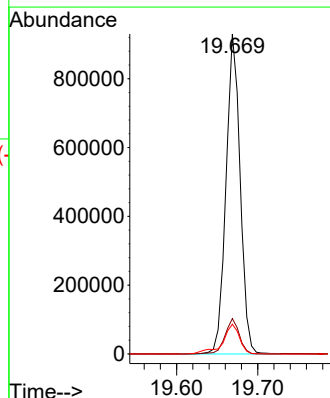
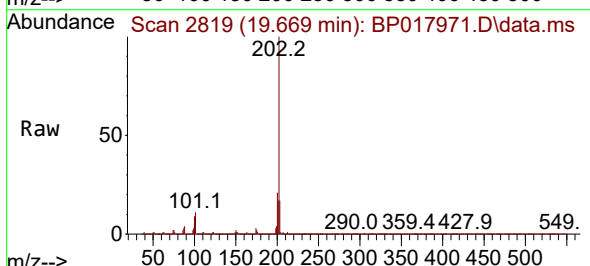
Tgt Ion:202 Resp: 1129210

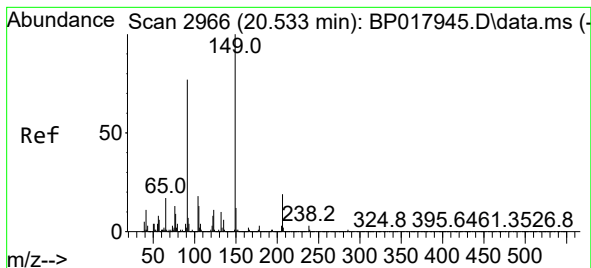
Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

100 9.3 7.3 10.9





#83

Butylbenzylphthalate

Concen: 34.888 ng/ul

RT: 20.533 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

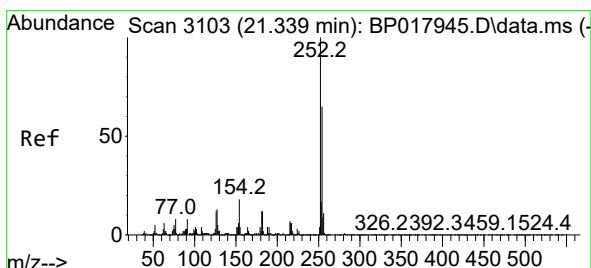
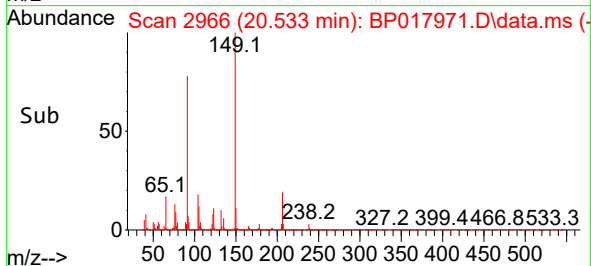
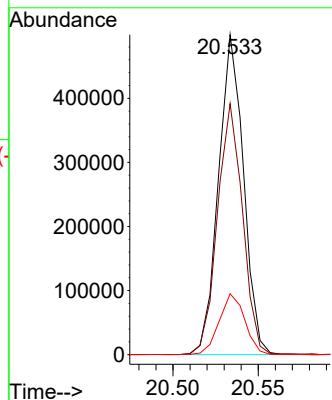
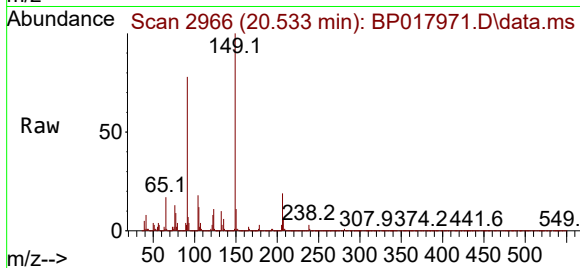
Tgt Ion:149 Resp: 509101

Ion Ratio Lower Upper

149 100

91 78.5 60.4 90.6

206 19.1 15.3 22.9



#84

3,3'-Dichlorobenzidine

Concen: 31.165 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

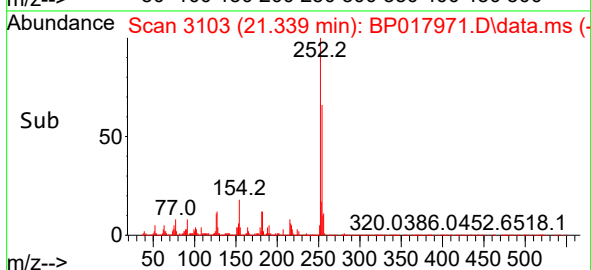
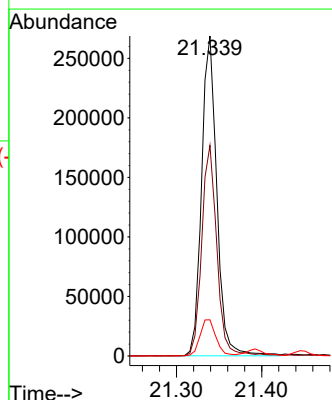
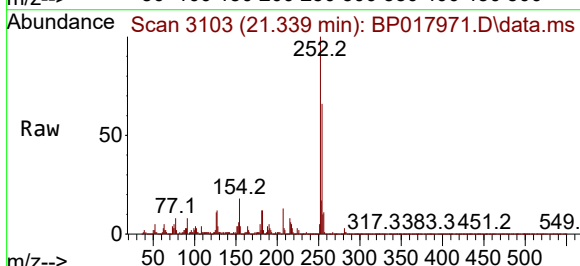
Tgt Ion:252 Resp: 334396

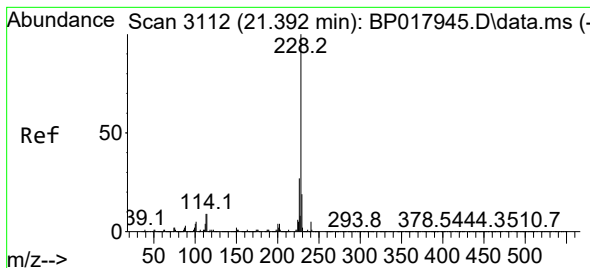
Ion Ratio Lower Upper

252 100

254 65.8 50.7 76.1

126 11.3 7.9 11.9





#85

Benzo(a)anthracene

Concen: 33.956 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

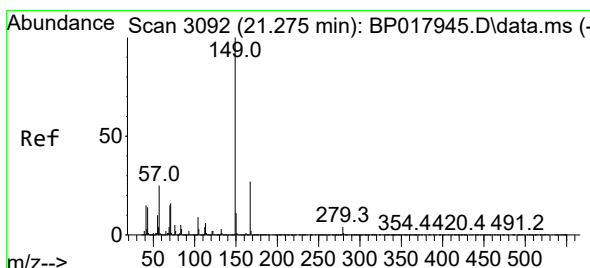
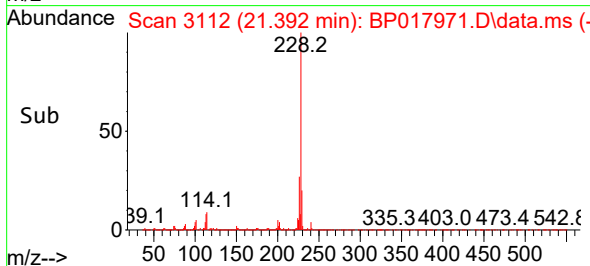
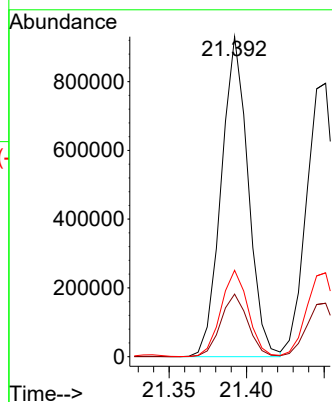
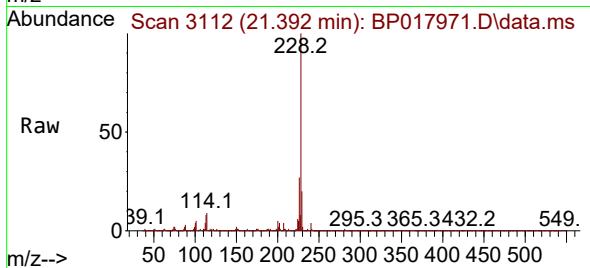
Tgt Ion:228 Resp: 1122455

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

226 27.0 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.294 ng/ul

RT: 21.275 min Scan# 3092

Delta R.T. 0.000 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

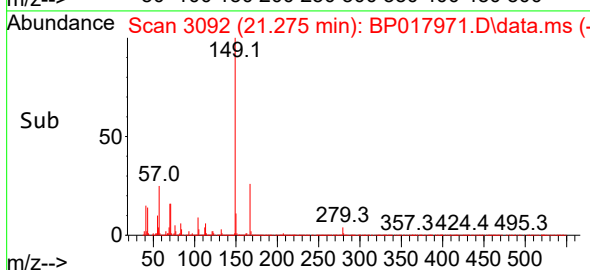
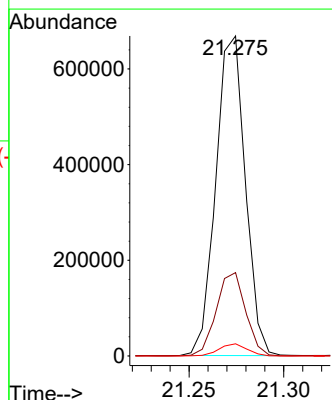
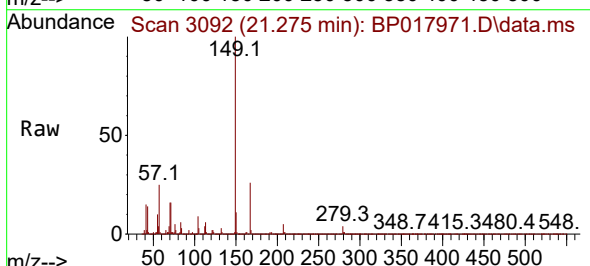
Tgt Ion:149 Resp: 724658

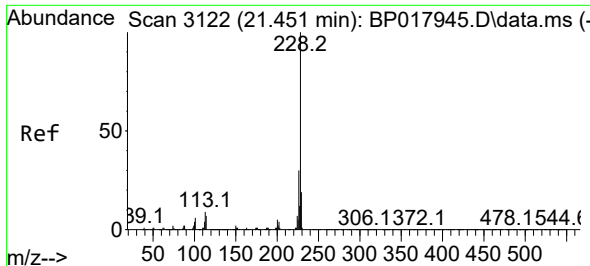
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.6

279 3.8 3.0 4.6

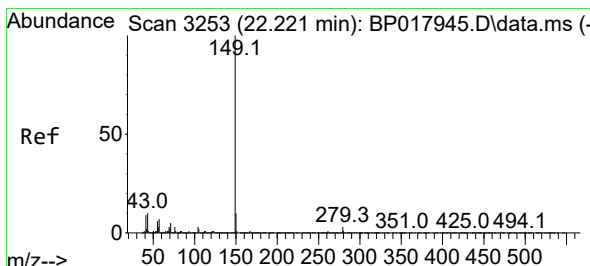
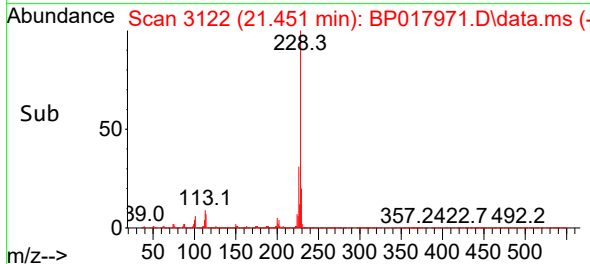
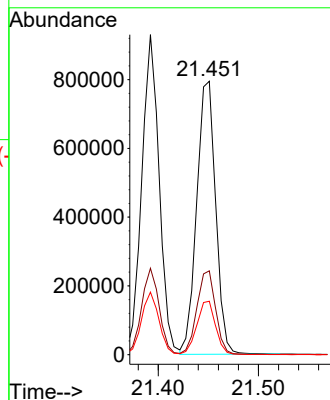
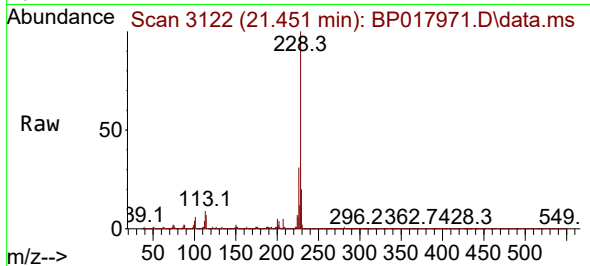




#87
Chrysene
Concen: 34.222 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

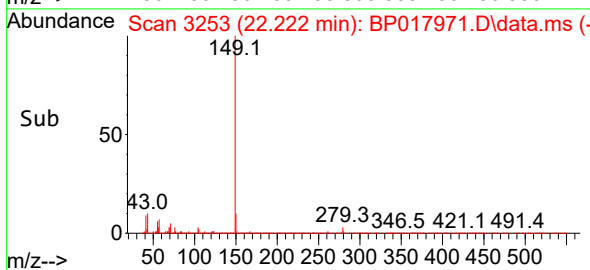
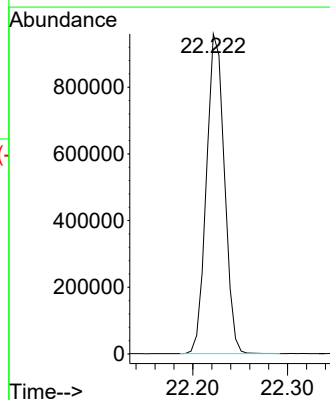
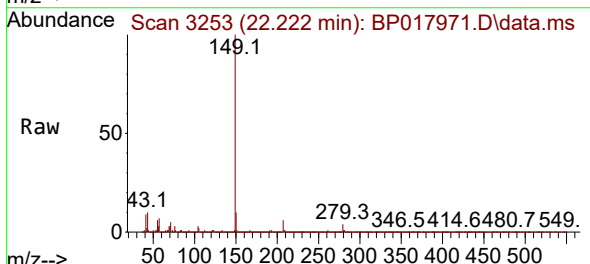
Instrument :
BNA_P
ClientSampleId :
SLCS829

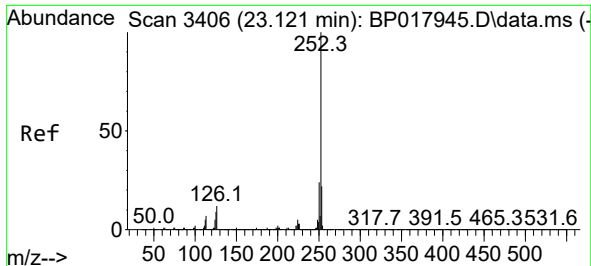
Tgt Ion:228 Resp: 1049002
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 19.5 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 32.592 ng/ul
RT: 22.222 min Scan# 3253
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:149 Resp: 1259567

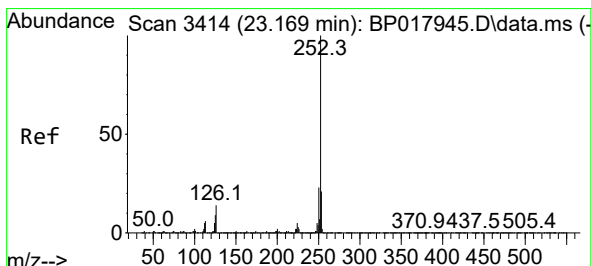
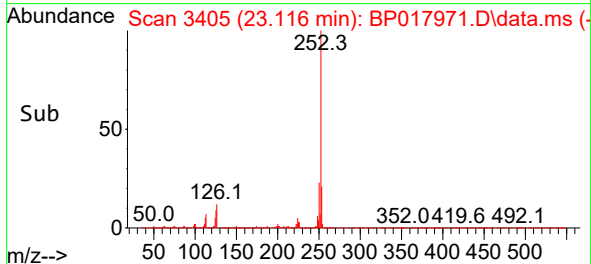
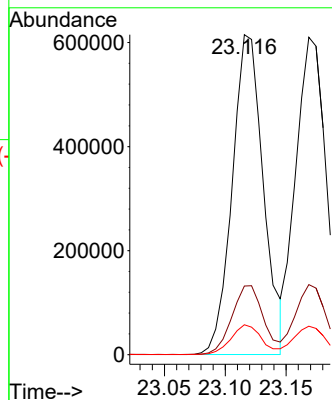
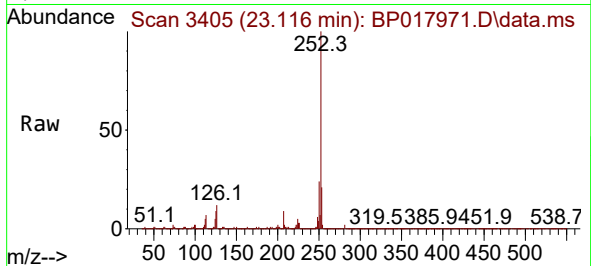




#90
Benzo(b)fluoranthene
Concen: 34.706 ng/ul
RT: 23.116 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

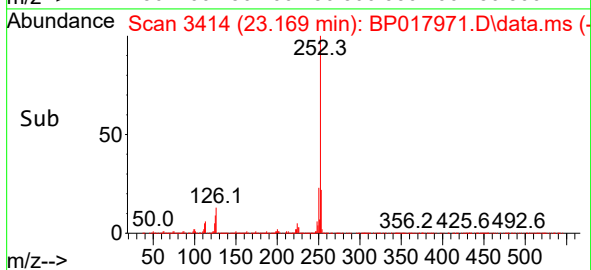
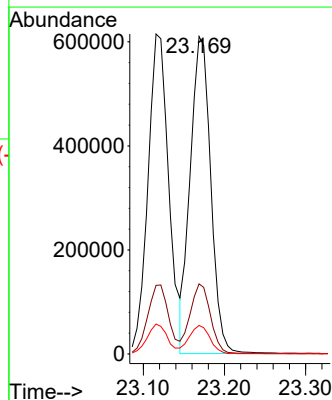
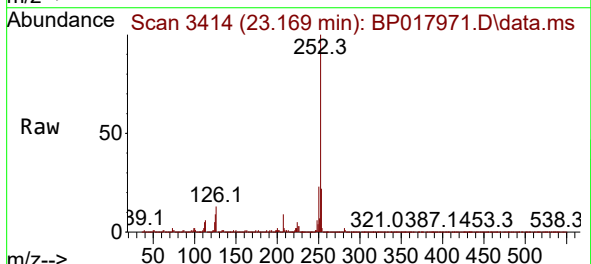
Instrument :
BNA_P
ClientSampleId :
SLCS829

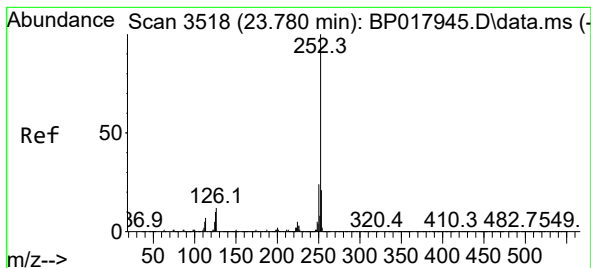
Tgt Ion:252 Resp: 1096106
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 9.3 6.6 10.0



#91
Benzo(k)fluoranthene
Concen: 33.785 ng/ul
RT: 23.169 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP017971.D
Acq: 08 Nov 2023 20:15

Tgt Ion:252 Resp: 1070039
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.0 7.0 10.6





#93

Benzo(a)pyrene

Concen: 34.601 ng/ul

RT: 23.780 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

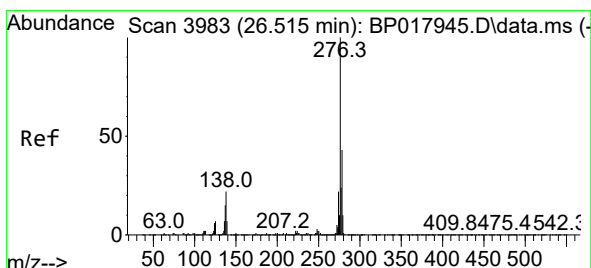
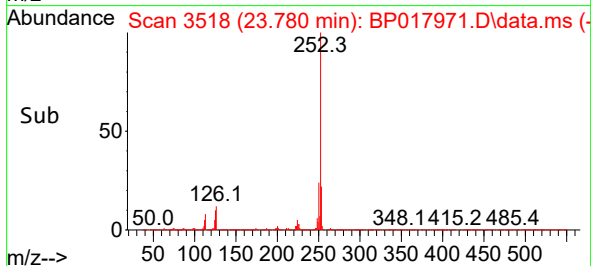
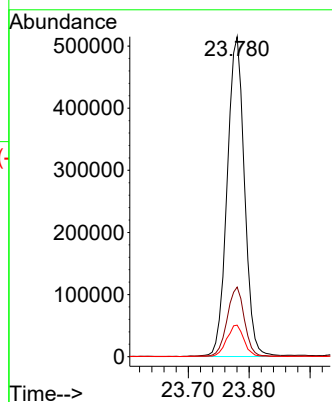
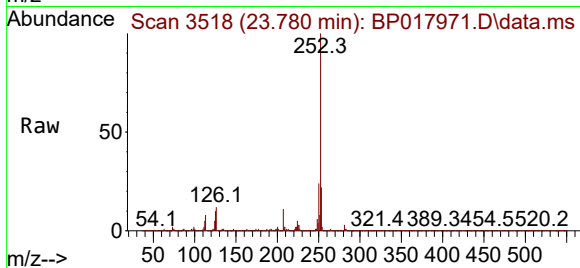
Tgt Ion:252 Resp: 1015891

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.9 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.071 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

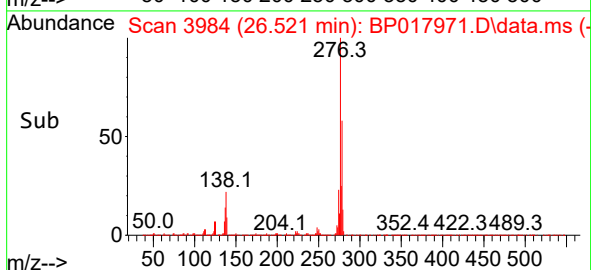
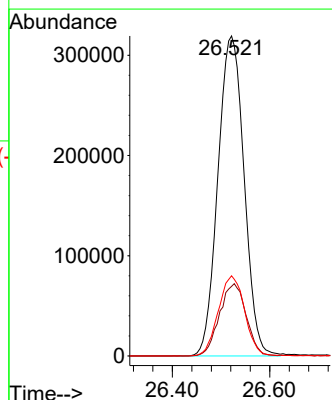
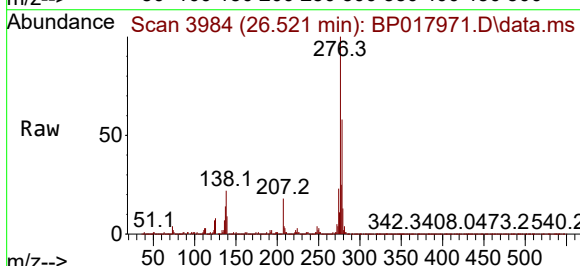
Tgt Ion:276 Resp: 1191440

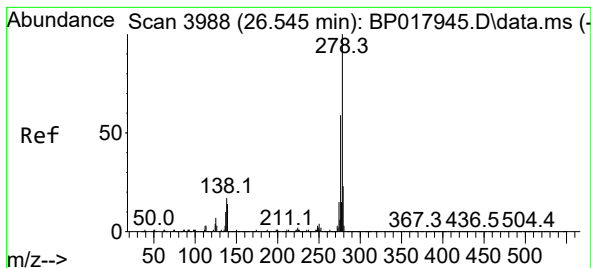
Ion Ratio Lower Upper

276 100

138 21.7 15.9 23.9

277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 33.994 ng/ul

RT: 26.539 min Scan# 3988

Delta R.T. -0.012 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Instrument :

BNA_P

ClientSampleId :

SLCS829

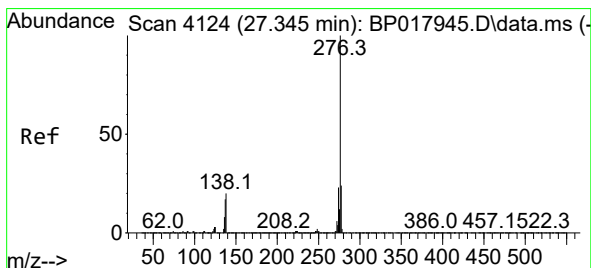
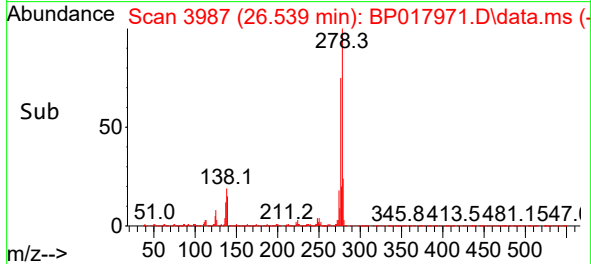
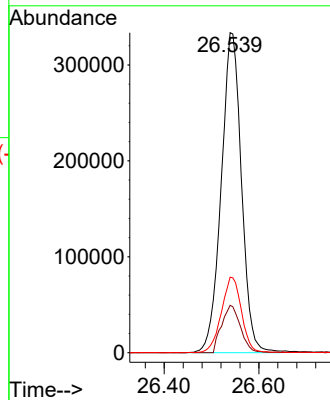
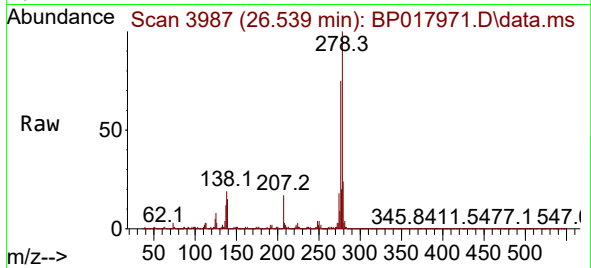
Tgt Ion:278 Resp: 988856

Ion Ratio Lower Upper

278 100

139 14.8 11.0 16.4

279 23.6 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 34.017 ng/ul

RT: 27.345 min Scan# 4124

Delta R.T. -0.006 min

Lab File: BP017971.D

Acq: 08 Nov 2023 20:15

Tgt Ion:276 Resp: 947014

Ion Ratio Lower Upper

276 100

138 19.4 14.7 22.1

277 23.1 19.2 28.8

