

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101923\
 Data File : BP017733.D
 Acq On : 19 Oct 2023 18:40
 Operator : MA/JU
 Sample : PB156379BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

Quant Time: Oct 20 00:46:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	138269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	552524	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	332494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	693228	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	600291	20.000	ng/u1	# 0.00
88) Perylene-d12	24.074	264	593603	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24902	6.700	ng/uL	0.00
4) Pyridine-d5	3.687	84	341455	35.089	ng/u1	0.00
7) Phenol-d5	7.046	99	409474	35.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	266507	37.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	345183	36.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	324671	35.932	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	163685	36.560	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	182423	36.877	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	323800	33.368	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	386125	30.405	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	965684	34.598	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	1115281	35.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	150527	37.849	ng/u1	0.00
60) Fluorene-d10	15.592	176	809796	33.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	160094	35.061	ng/u1	0.00
73) Anthracene-d10	17.480	188	1235630	34.880	ng/u1	0.00
81) Pyrene-d10	19.733	212	1431435	38.034	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	1251791	37.862	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	45184	11.461	ng/uL	96
5) Pyridine	3.711	79	309894	31.082	ng/u1	95
6) Benzaldehyde	7.052	77	187729	30.329	ng/u1	95
8) Phenol	7.075	94	379680	33.467	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.328	93	308311	32.574	ng/u1	97
12) 2-Chlorophenol	7.440	128	308975	32.781	ng/u1	97
13) 2-Methylphenol	8.340	108	277785	32.444	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.404	45	184010	15.795	ng/u1	97
16) Acetophenone	8.746	105	461609	32.495	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.716	70	234339	34.779	ng/u1	98
18) 4-Methylphenol	8.681	108	301121	33.118	ng/u1	99
19) Hexachloroethane	8.951	117	139442	32.197	ng/u1	88
22) Nitrobenzene	9.140	77	373332	33.489	ng/u1	99
23) Isophorone	9.651	82	655957	32.905	ng/u1	98
25) 2-Nitrophenol	9.846	139	171319	32.445	ng/u1	92
26) 2,4-Dimethylphenol	9.887	107	298323	28.786	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.146	93	402022	32.607	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	282814	30.479	ng/u1	97
30) Naphthalene	10.769	128	963245	30.294	ng/u1	100
32) 4-Chloroaniline	10.916	127	296957	24.420	ng/u1	97
33) Hexachlorobutadiene	10.993	225	198515	26.348	ng/u1	99
34) Caprolactam	11.751	113	38398	16.071	ng/u1	97
35) 4-Chloro-3-methylphenol	12.034	107	298473	34.166	ng/u1	96
36) 2-Methylnaphthalene	12.392	142	634998	29.565	ng/u1	99

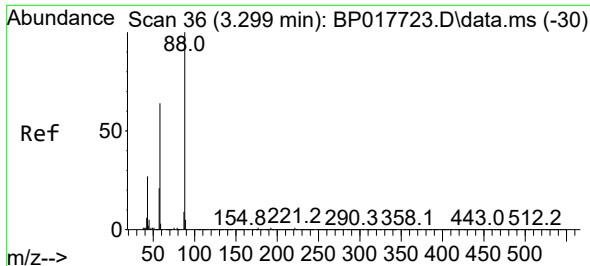
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101923\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	644359	29.335	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	349034	28.369	ng/ul#	98
40) Hexachlorocyclopentadiene	12.687	237	169710	24.009	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	192344	26.049	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	218120	28.573	ng/ul	100
43) 1,1'-Biphenyl	13.410	154	851669	31.091	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	675222	30.493	ng/ul	98
45) 2-Nitroaniline	13.704	65	199805	39.707	ng/ul	91
47) Dimethylphthalate	14.051	163	850230	30.907	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	171911	33.952	ng/ul	95
50) Acenaphthylene	14.310	152	1030143	29.544	ng/ul	99
51) 3-Nitroaniline	14.545	138	163088	33.866	ng/ul	97
52) Acenaphthene	14.651	153	717058	30.421	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	86171	30.317	ng/ul	91
55) 4-Nitrophenol	14.845	109	121010	28.743	ng/ul	97
56) Dibenzofuran	14.992	168	1010440	30.533	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	251455	33.649	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	149154	22.017	ng/ul#	92
59) Diethylphthalate	15.416	149	854650	32.178	ng/ul	99
61) Fluorene	15.645	166	830297	30.544	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	410778	28.430	ng/ul	94
63) 4-Nitroaniline	15.728	138	160269	36.899	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.751	198	144009	29.445	ng/ul#	89
67) N-Nitrosodiphenylamine	15.869	169	691686	32.935	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	231623	28.556	ng/ul#	90
69) Hexachlorobenzene	16.628	284	252440	27.110	ng/ul#	86
71) Pentachlorophenol	17.004	266	95950	17.139	ng/ul	95
72) Phenanthrene	17.422	178	1288554	31.731	ng/ul	99
74) Anthracene	17.516	178	1290887	31.385	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	350193	30.107	ng/uL	99
76) Pentachlorobenzene	14.881	250	317740	28.186	ng/uL	99
77) Carbazole	17.810	167	1126721	32.413	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1428154	35.388	ng/ul	100
80) Fluoranthene	19.404	202	1516260	35.066	ng/ul	97
82) Pyrene	19.763	202	1569294	34.256	ng/ul#	94
83) Butylbenzylphthalate	20.639	149	637158	40.438	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	424966	31.334	ng/ul#	97
85) Benzo(a)anthracene	21.504	228	1475528	32.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	914188	41.563	ng/ul	99
87) Chrysene	21.557	228	1382969	32.046	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1552288	41.284	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1396699	34.572	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1384221	33.808	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1217528	32.102	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1471563	32.555	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.815	278	1221597	32.390	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	1195849	32.836	ng/ul#	96

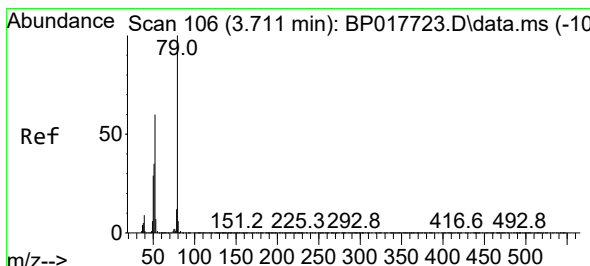
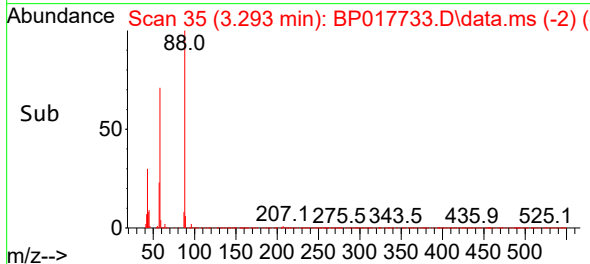
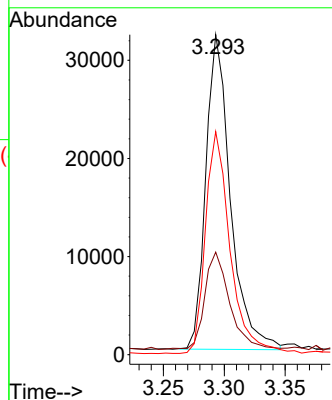
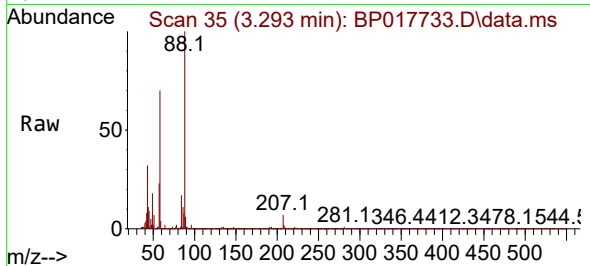
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#2
1,4-Dioxane
Concen: 11.461 ng/uL
RT: 3.293 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

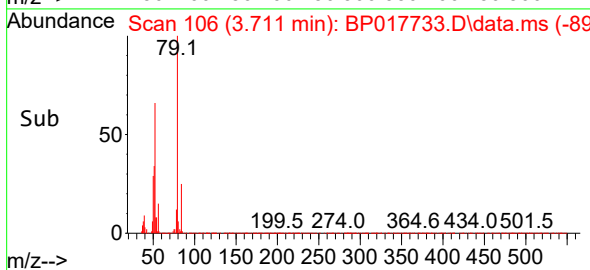
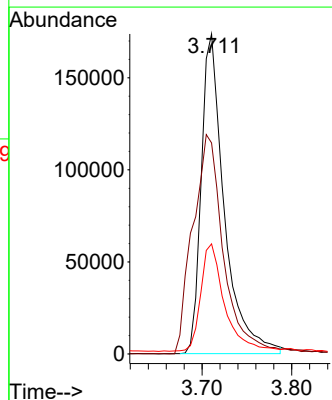
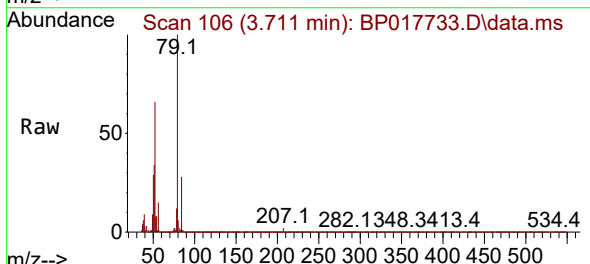
Instrument :
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ClientSampleId :
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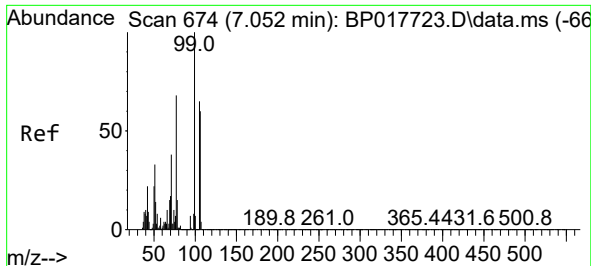
Tgt Ion:	88	Resp:	45184
Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.4	36.6
58	69.7	53.0	79.6



#5
Pyridine
Concen: 31.082 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:	79	Resp:	309894
Ion	Ratio	Lower	Upper
79	100		
52	66.0	57.2	85.8
51	34.4	28.6	42.8

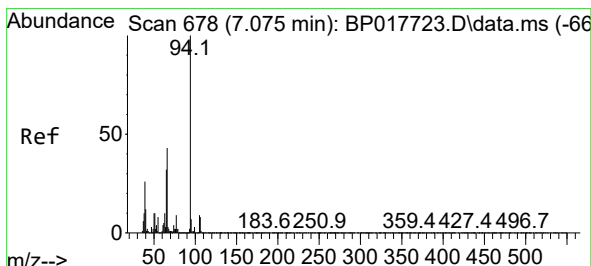
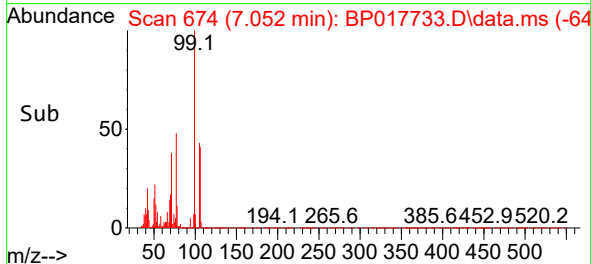
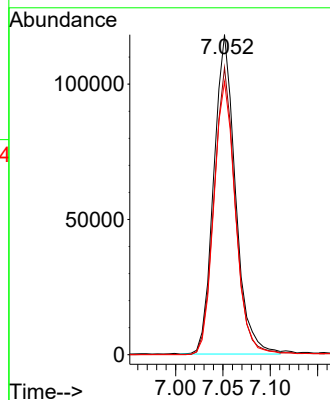
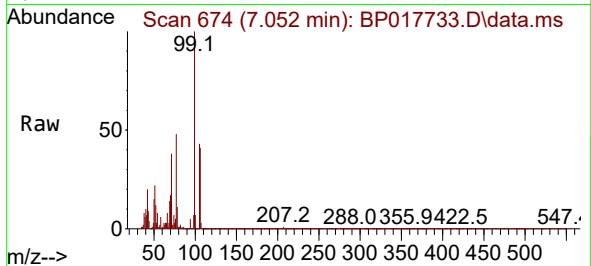




#6
Benzaldehyde
Concen: 30.329 ng/ul
RT: 7.052 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

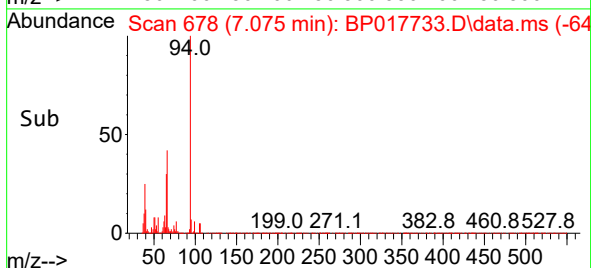
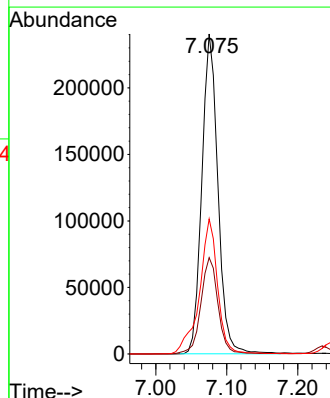
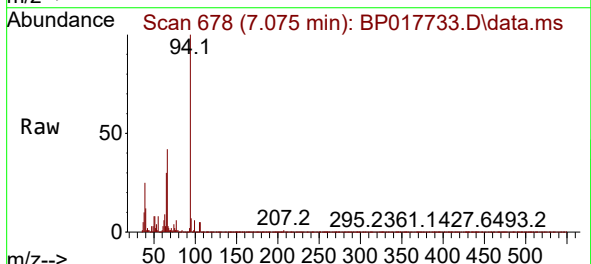
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ClientSampleId :
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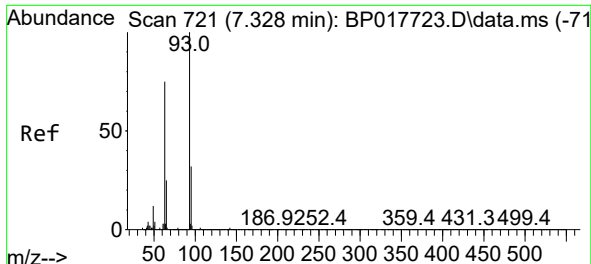
Tgt Ion: 77 Resp: 187729
Ion Ratio Lower Upper
77 100
105 89.7 75.4 113.2
106 85.3 72.3 108.5



#8
Phenol
Concen: 33.467 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion: 94 Resp: 379680
Ion Ratio Lower Upper
94 100
65 30.1 25.0 37.4
66 42.2 33.0 49.6

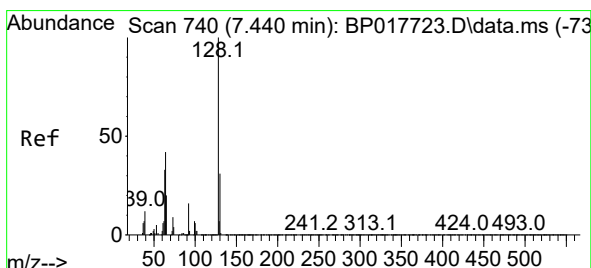
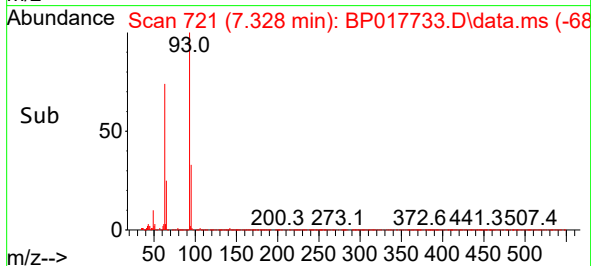
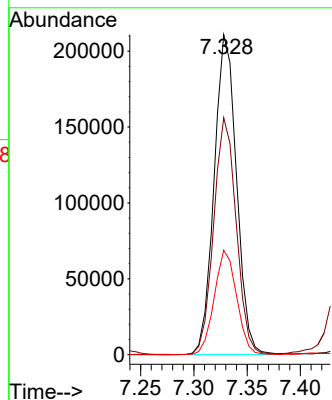
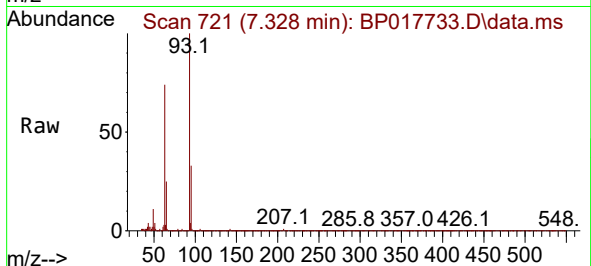




#10
Bis(2-Chloroethyl)ether
Concen: 32.574 ng/ul
RT: 7.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

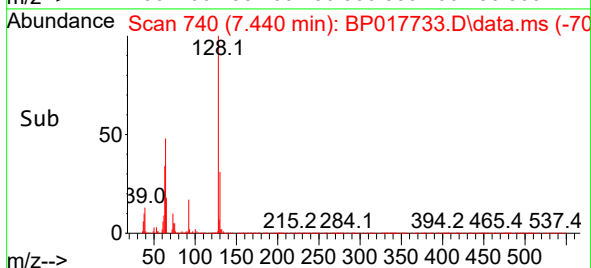
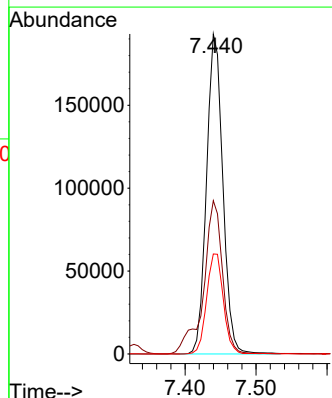
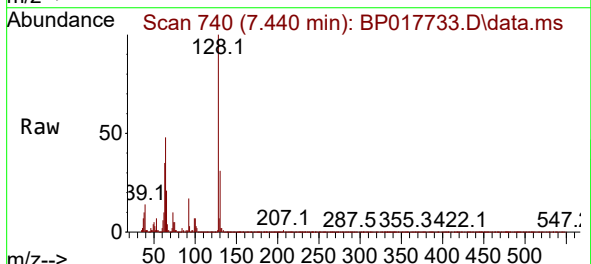
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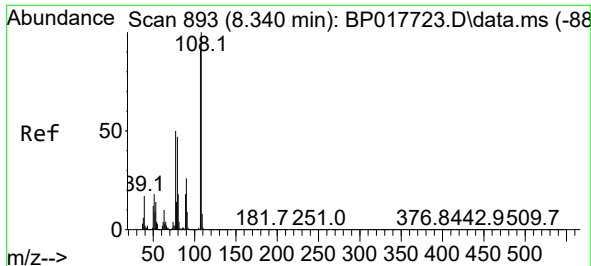
Tgt Ion: 93 Resp: 308311
Ion Ratio Lower Upper
93 100
63 74.1 60.7 91.1
95 32.7 27.8 41.6



#12
2-Chlorophenol
Concen: 32.781 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:128 Resp: 308975
Ion Ratio Lower Upper
128 100
64 47.9 36.7 55.1
130 31.3 26.2 39.2





#13

2-Methylphenol

Concen: 32.444 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

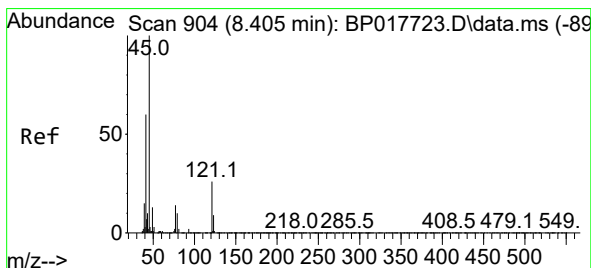
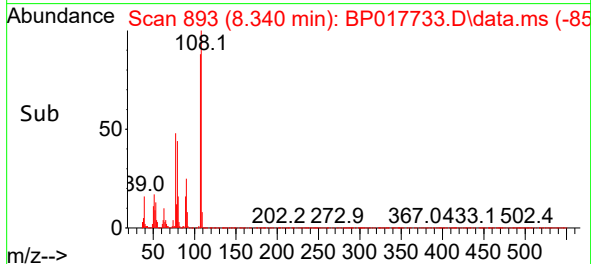
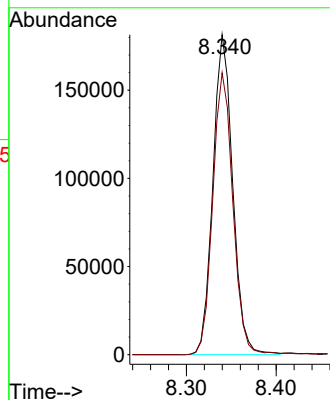
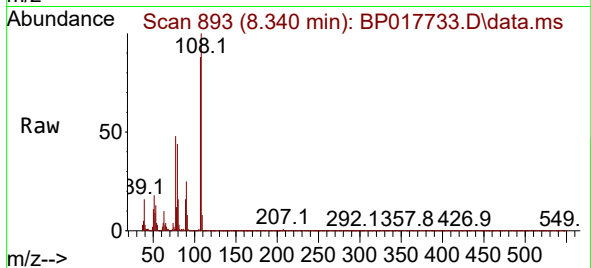
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Tgt Ion:108 Resp: 277785

Ion Ratio Lower Upper

108 100

107 88.1 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.795 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

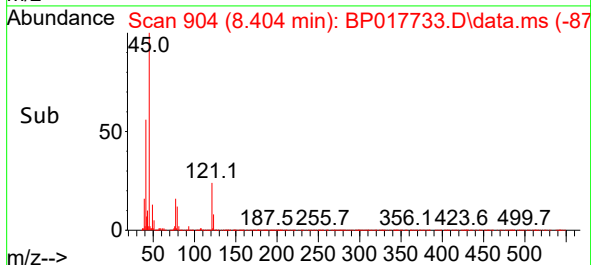
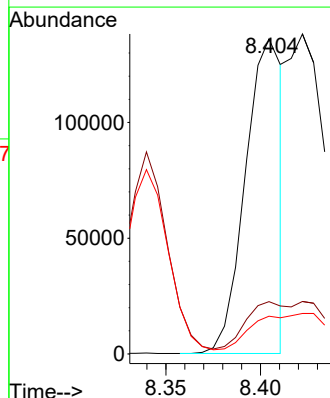
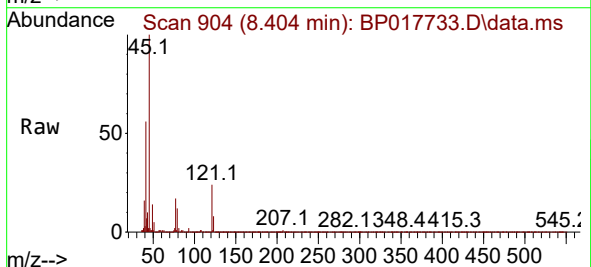
Tgt Ion: 45 Resp: 184010

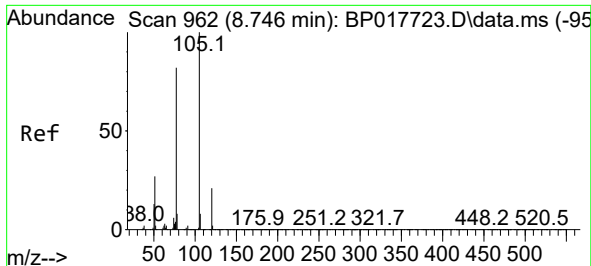
Ion Ratio Lower Upper

45 100

77 16.6 14.2 21.4

79 12.0 10.3 15.5

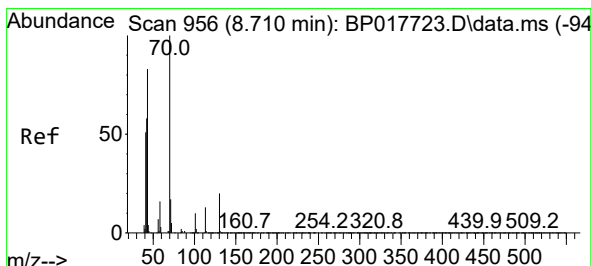
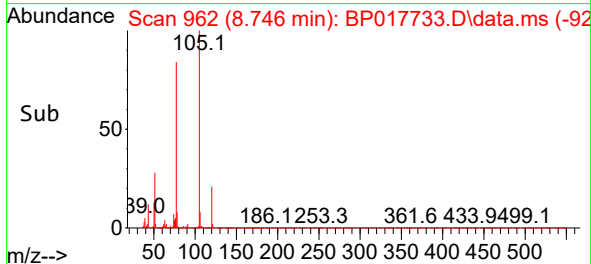
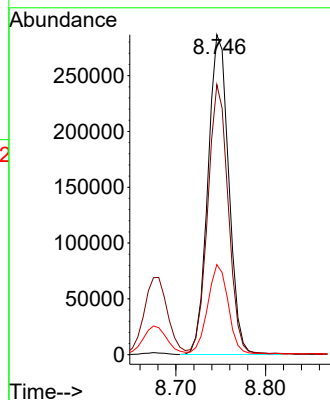
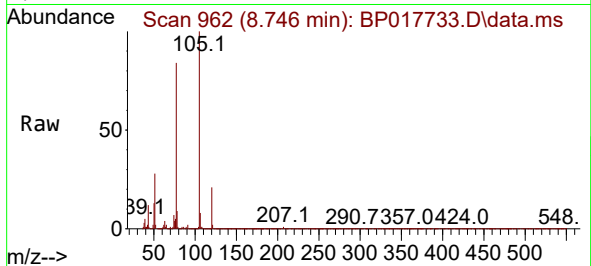




#16
Acetophenone
Concen: 32.495 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017733.D
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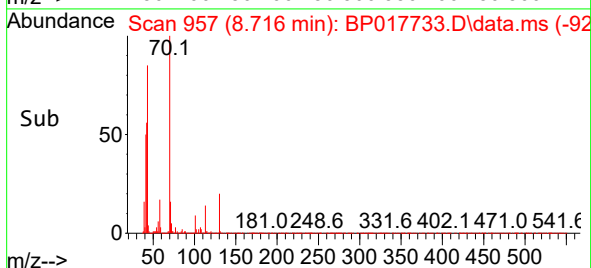
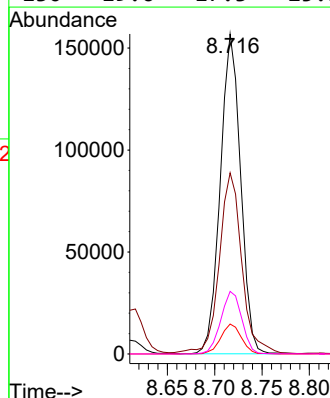
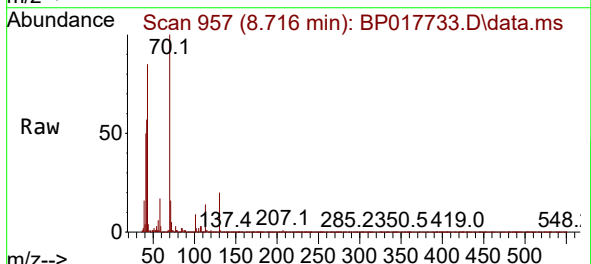
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ClientSampleId :
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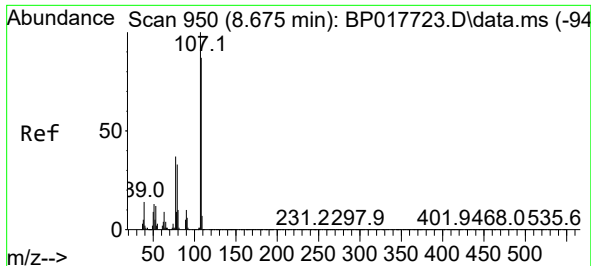
Tgt Ion:105 Resp: 461609
Ion Ratio Lower Upper
105 100
77 84.4 64.4 96.6
51 28.2 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 34.779 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion: 70 Resp: 234339
Ion Ratio Lower Upper
70 100
42 56.6 44.6 66.8
101 9.4 7.5 11.3
130 19.6 17.3 25.9

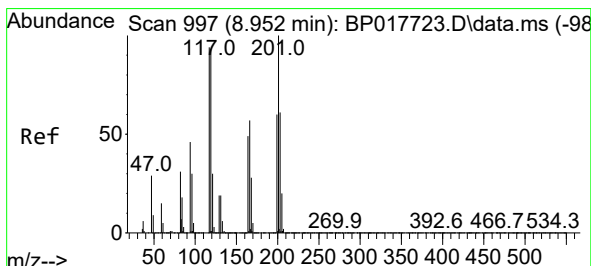
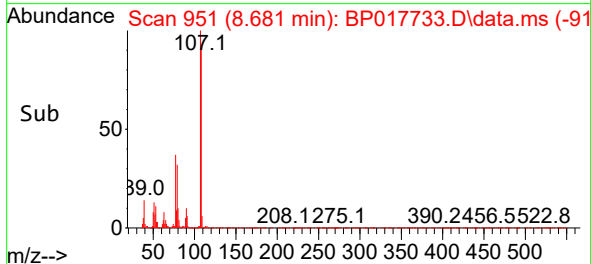
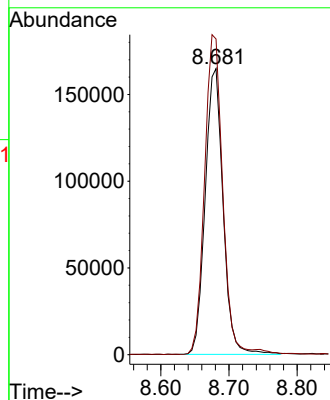
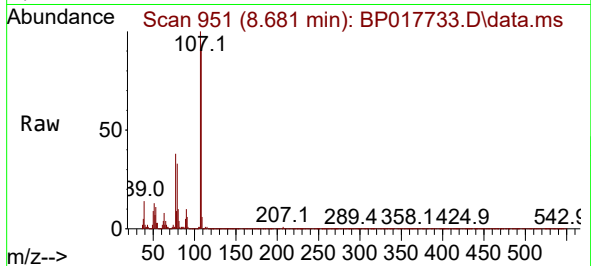




#18
4-Methylphenol
Concen: 33.118 ng/ul
RT: 8.681 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

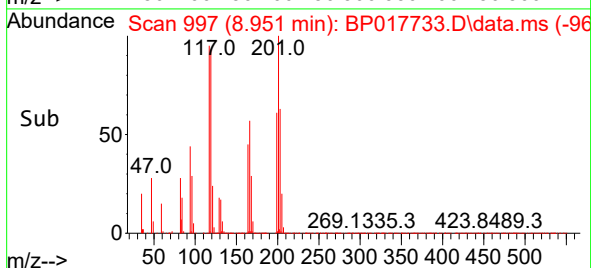
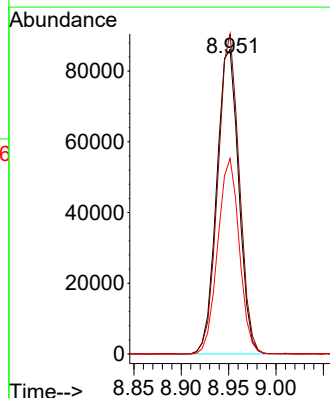
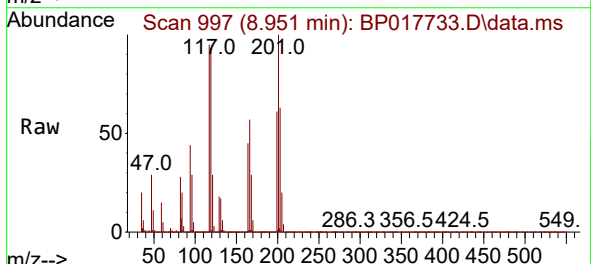
Instrument :
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ClientSampleId :
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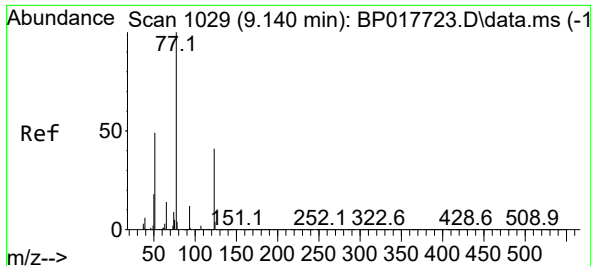
Tgt Ion:108 Resp: 301121
Ion Ratio Lower Upper
108 100
107 110.4 87.5 131.3



#19
Hexachloroethane
Concen: 32.197 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:117 Resp: 139442
Ion Ratio Lower Upper
117 100
201 105.1 96.3 144.5
199 64.2 57.7 86.5

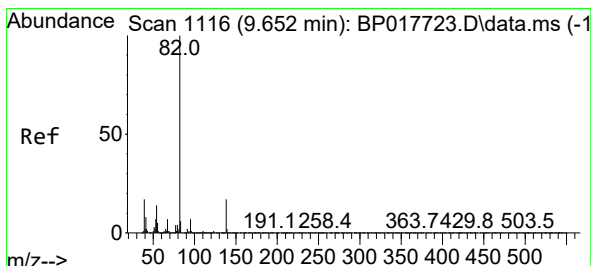
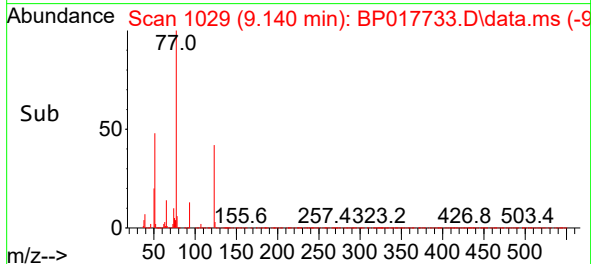
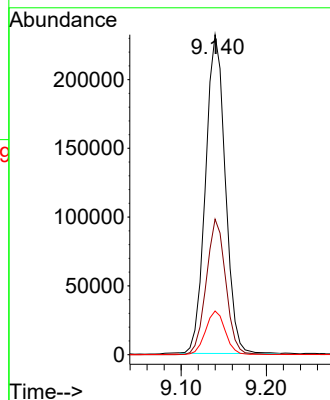
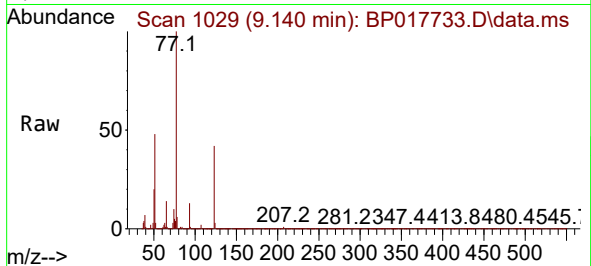




#22
Nitrobenzene
Concen: 33.489 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

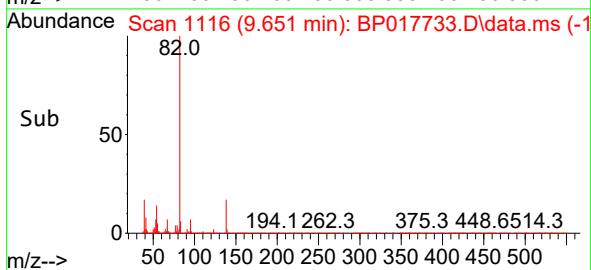
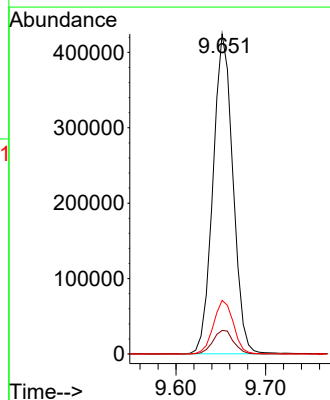
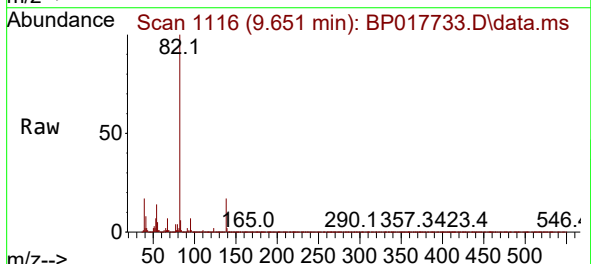
Instrument :
BNA_P
ClientSampleId :
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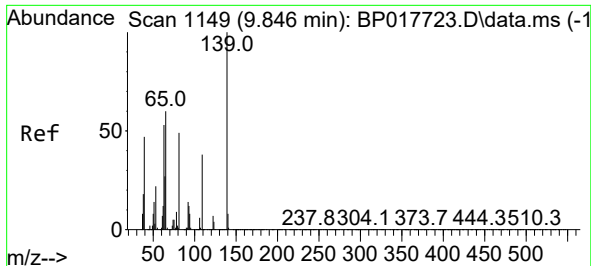
Tgt Ion: 77 Resp: 373332
Ion Ratio Lower Upper
77 100
123 42.3 33.5 50.3
65 13.7 10.8 16.2



#23
Isophorone
Concen: 32.905 ng/ul
RT: 9.651 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion: 82 Resp: 655957
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 16.8 14.4 21.6

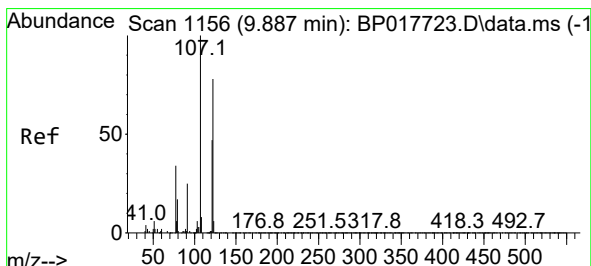
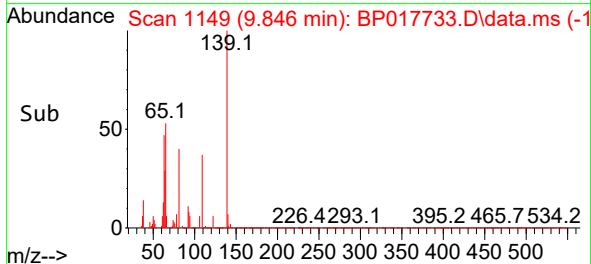
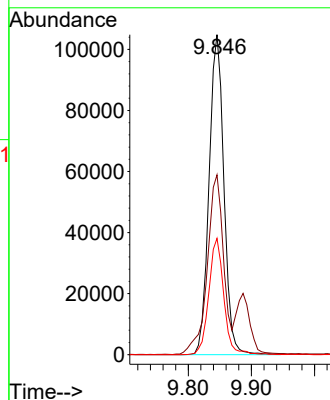
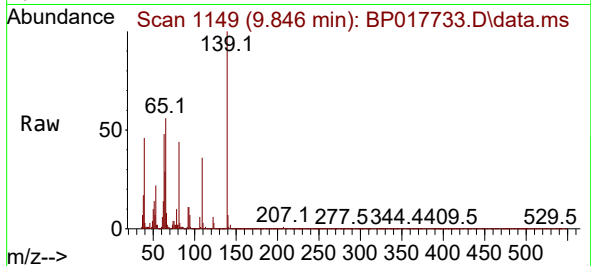




#25
2-Nitrophenol
Concen: 32.445 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

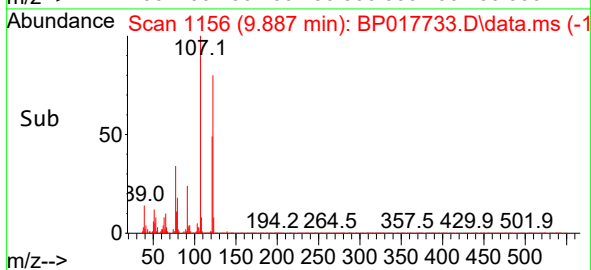
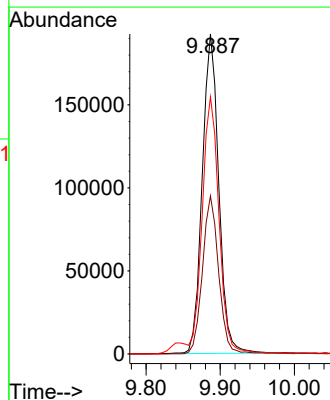
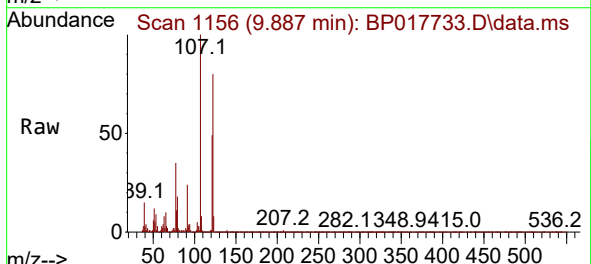
Instrument :
BNA_P
ClientSampleId :
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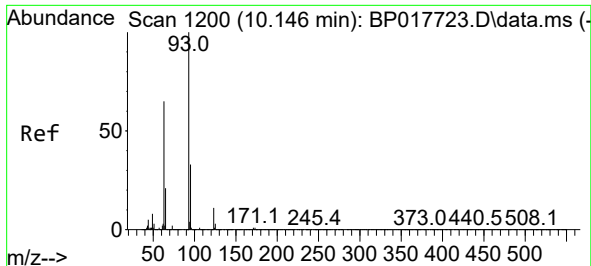
Tgt Ion:139 Resp: 171319
Ion Ratio Lower Upper
139 100
65 56.2 40.4 60.6
109 36.4 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 28.786 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:107 Resp: 298323
Ion Ratio Lower Upper
107 100
121 49.4 40.6 61.0
122 80.4 66.9 100.3

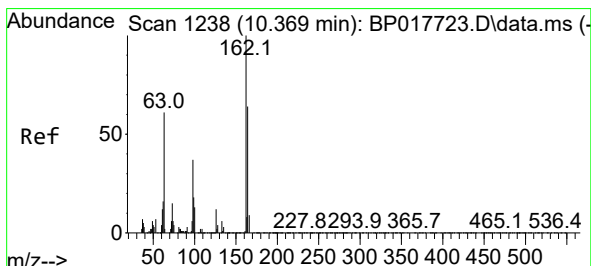
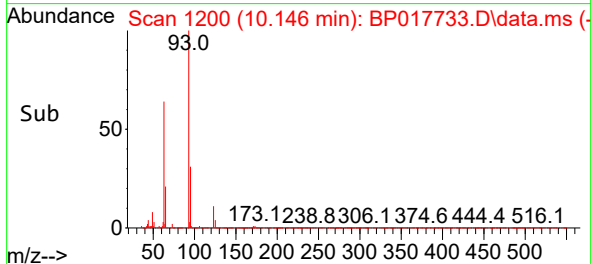
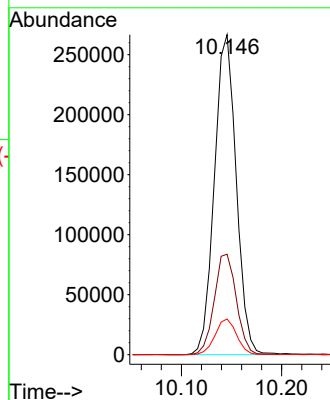
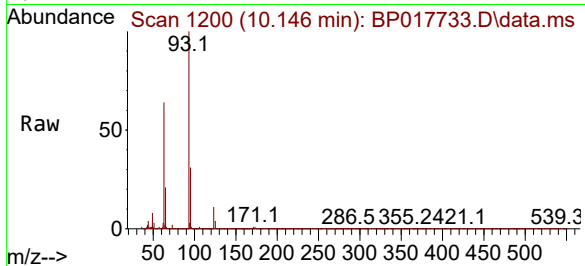




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.607 ng/ul
 RT: 10.146 min Scan# 1200
 Delta R.T. -0.000 min
 Lab File: BP017733.D
 Acq: 19 Oct 2023 18:40

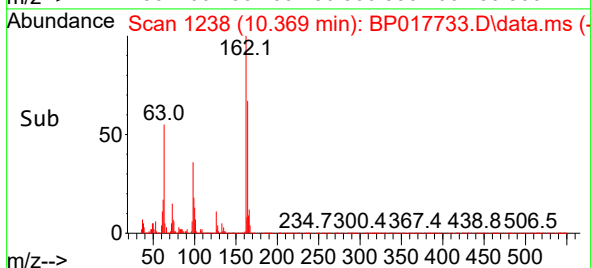
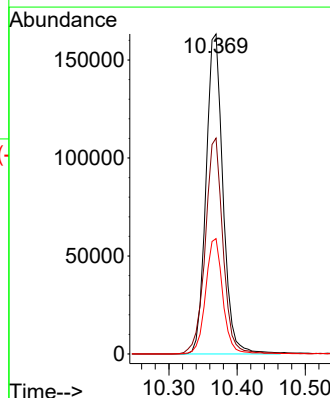
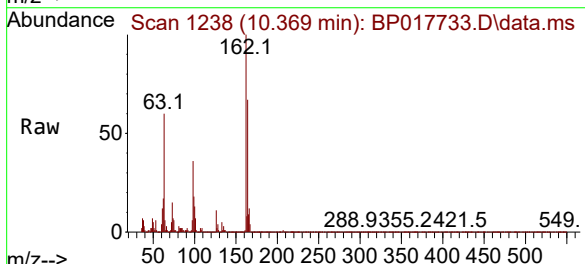
Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

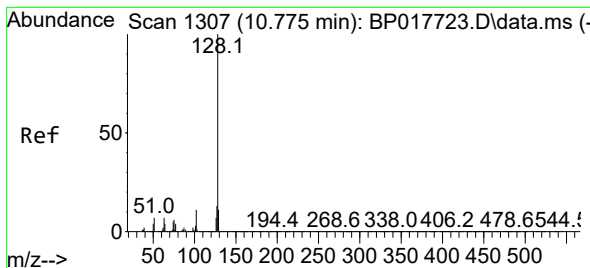
Tgt Ion: 93 Resp: 402022
 Ion Ratio Lower Upper
 93 100
 95 31.4 24.7 37.1
 123 11.2 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 30.479 ng/ul
 RT: 10.369 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: BP017733.D
 Acq: 19 Oct 2023 18:40

Tgt Ion: 162 Resp: 282814
 Ion Ratio Lower Upper
 162 100
 164 67.4 53.8 80.8
 98 36.0 25.5 38.3

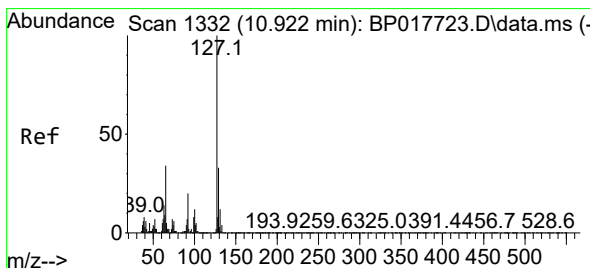
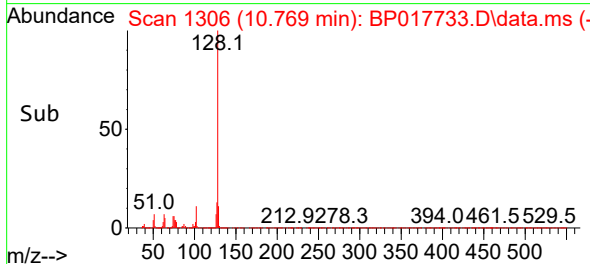
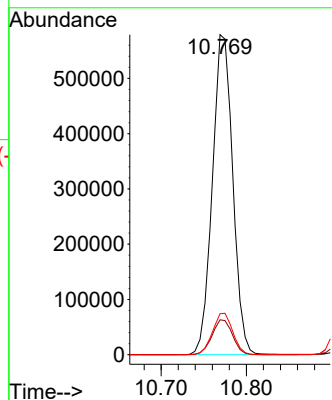
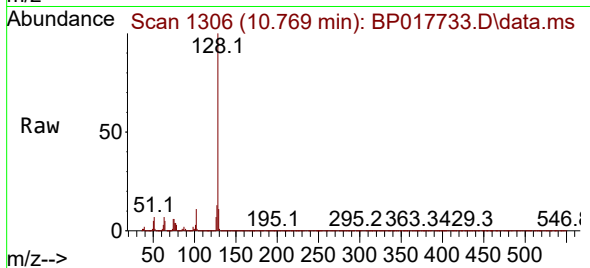




#30
Naphthalene
Concen: 30.294 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

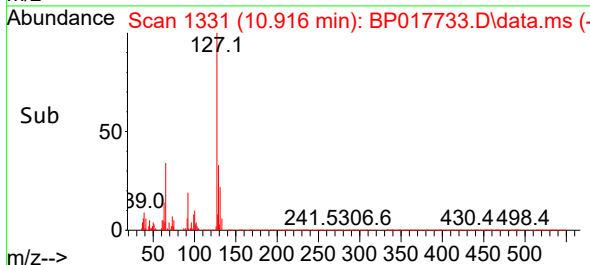
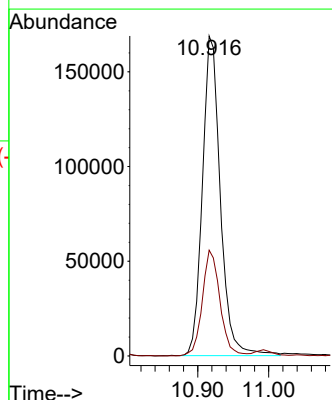
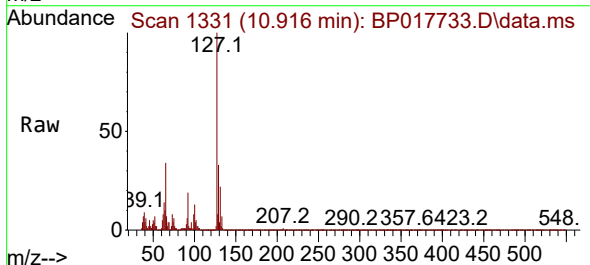
Instrument :
BNA_P
ClientSampleId :
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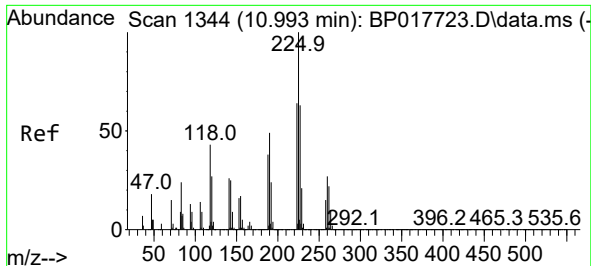
Tgt Ion:128 Resp: 963245
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 24.420 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:127 Resp: 296957
Ion Ratio Lower Upper
127 100
129 33.1 25.1 37.7

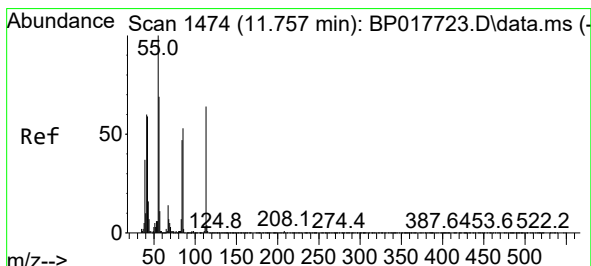
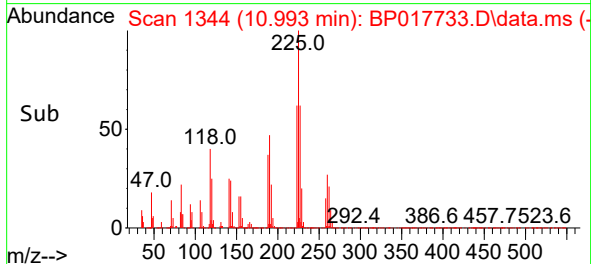
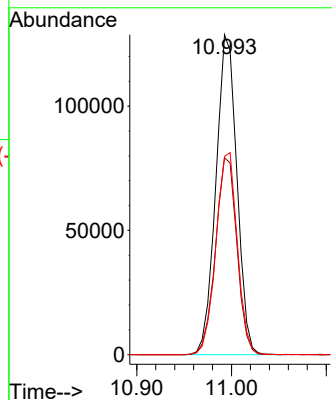
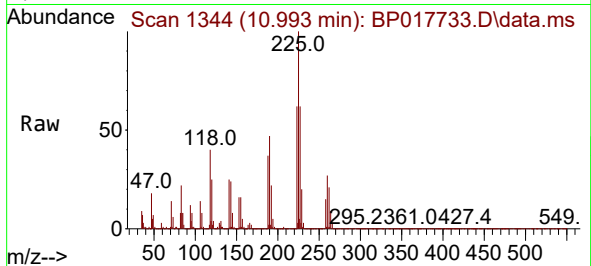




#33
Hexachlorobutadiene
Concen: 26.348 ng/ul
RT: 10.993 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

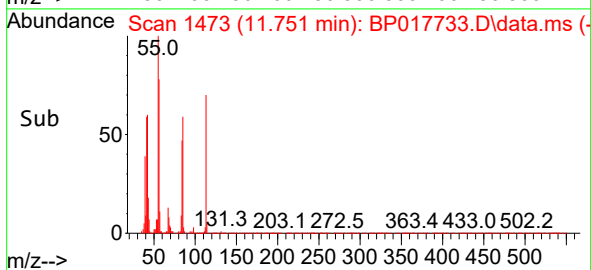
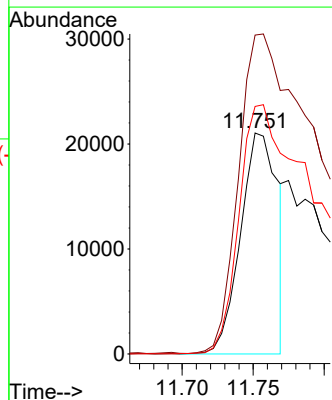
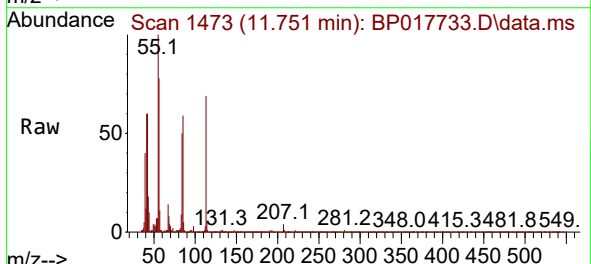
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ClientSampleId :
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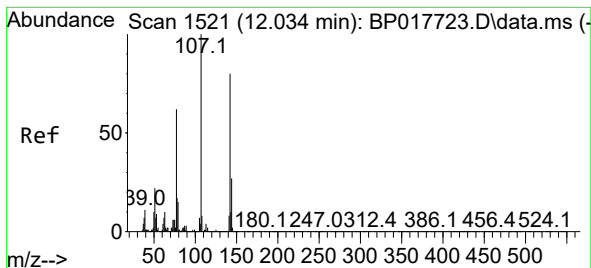
Tgt Ion:225 Resp: 198515
Ion Ratio Lower Upper
225 100
223 61.5 50.6 75.8
227 62.0 50.1 75.1



#34
Caprolactam
Concen: 16.071 ng/ul
RT: 11.751 min Scan# 1473
Delta R.T. -0.018 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:113 Resp: 38398
Ion Ratio Lower Upper
113 100
55 144.4 112.1 168.1
56 112.1 87.0 130.6

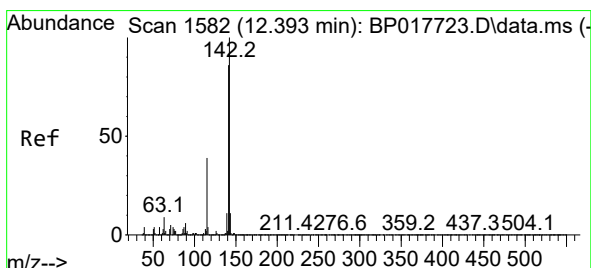
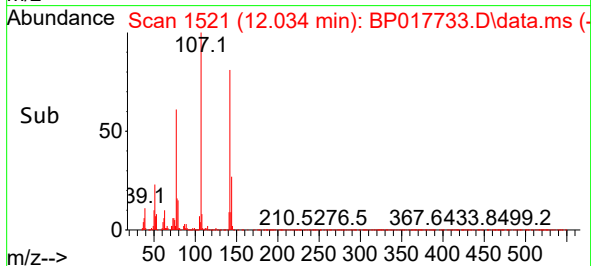
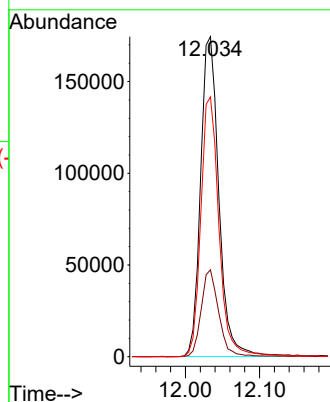
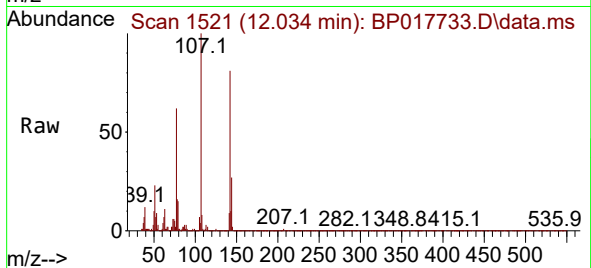




#35
4-Chloro-3-methylphenol
Concen: 34.166 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

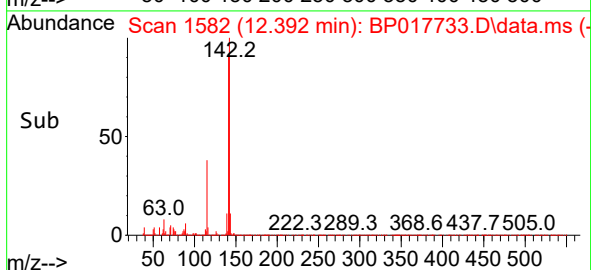
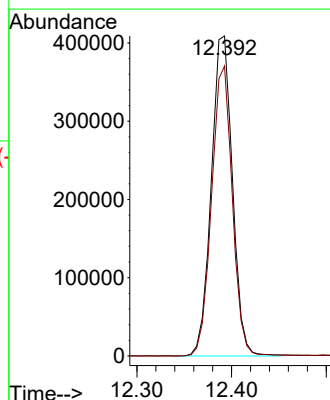
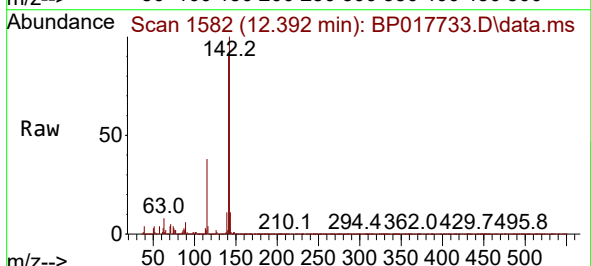
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BNA_P
ClientSampleId :
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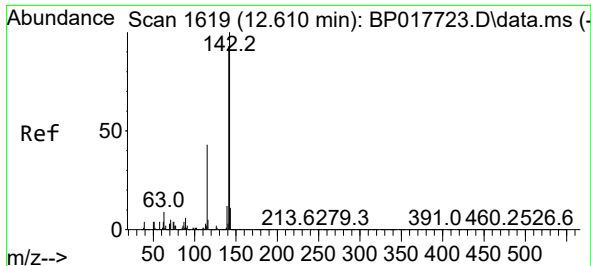
Tgt Ion:107 Resp: 298473
Ion Ratio Lower Upper
107 100
144 27.2 22.9 34.3
142 81.2 68.1 102.1



#36
2-Methylnaphthalene
Concen: 29.565 ng/ul
RT: 12.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:142 Resp: 634998
Ion Ratio Lower Upper
142 100
141 90.6 71.5 107.3





#37

1-Methylnaphthalene

Concen: 29.335 ng/ul

RT: 12.610 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

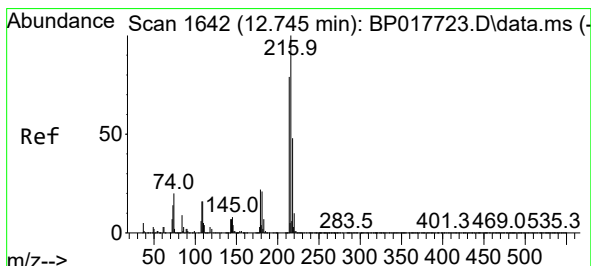
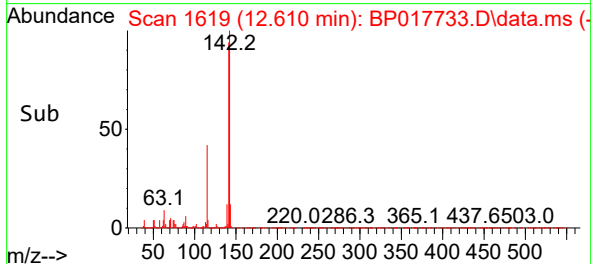
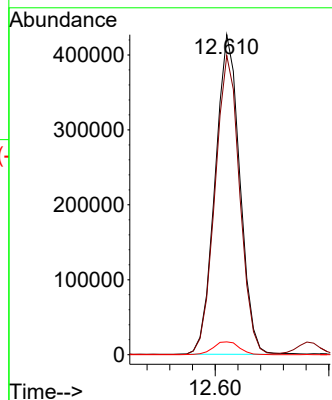
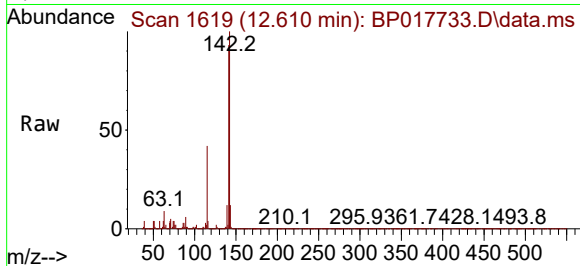
Tgt Ion:142 Resp: 644359

Ion Ratio Lower Upper

142 100

141 93.5 72.5 108.7

116 4.0 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.369 ng/ul

RT: 12.745 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Tgt Ion:216 Resp: 349034

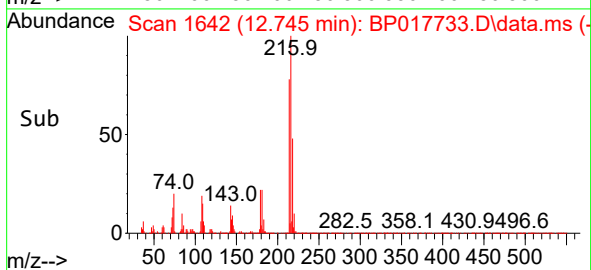
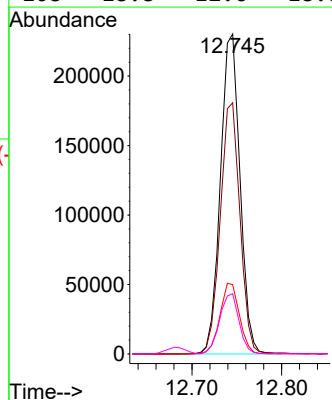
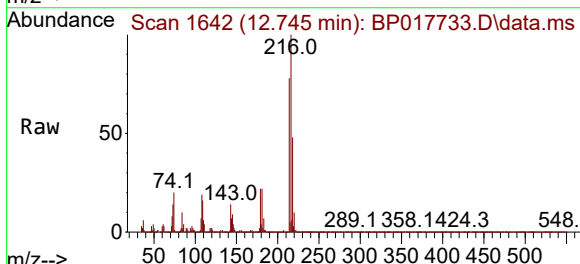
Ion Ratio Lower Upper

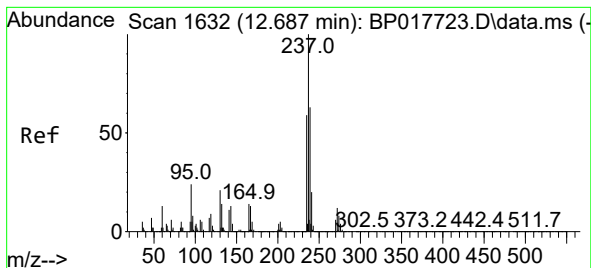
216 100

214 78.5 62.2 93.2

179 21.7 15.8 23.8

108 18.8 12.6 18.8#





#40

Hexachlorocyclopentadiene

Concen: 24.009 ng/ul

RT: 12.687 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

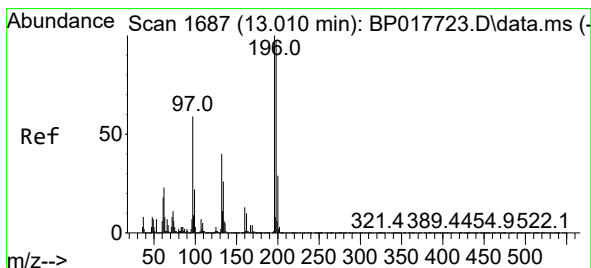
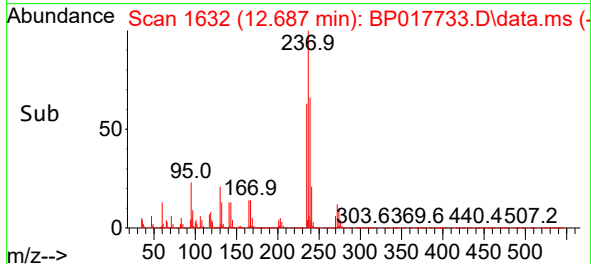
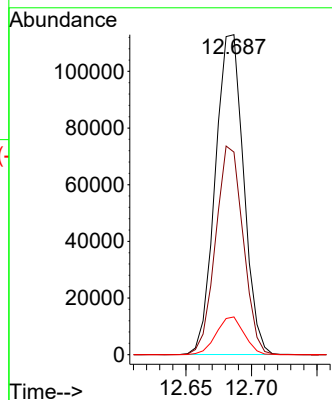
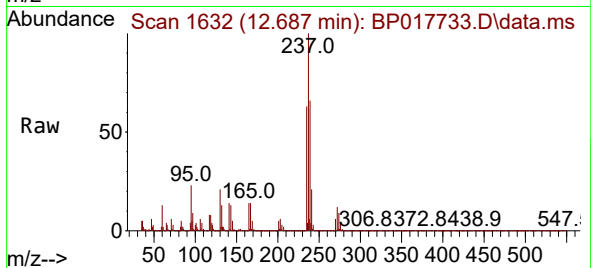
Tgt Ion:237 Resp: 169710

Ion Ratio Lower Upper

237 100

235 63.3 50.3 75.5

272 11.8 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 26.049 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

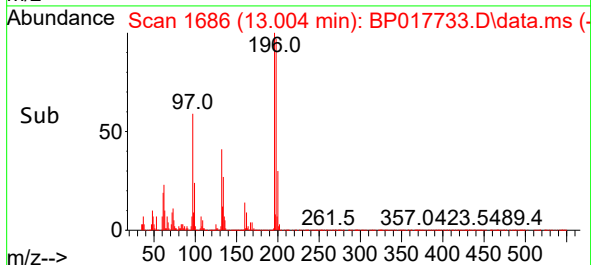
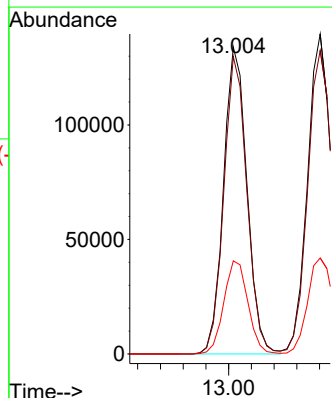
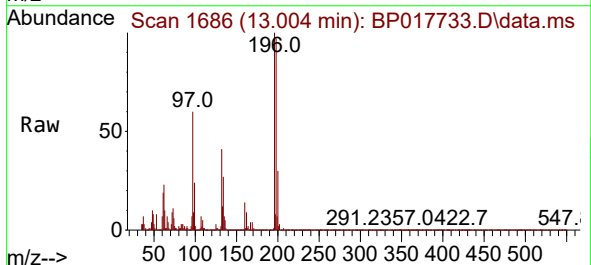
Tgt Ion:196 Resp: 192344

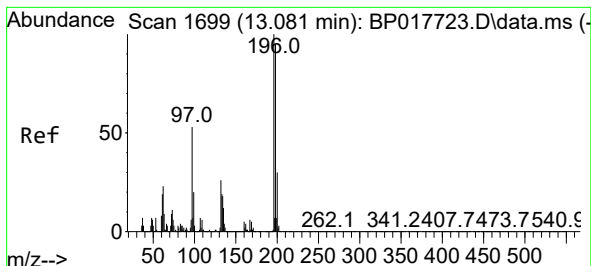
Ion Ratio Lower Upper

196 100

198 96.9 74.7 112.1

200 30.4 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 28.573 ng/ul

RT: 13.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

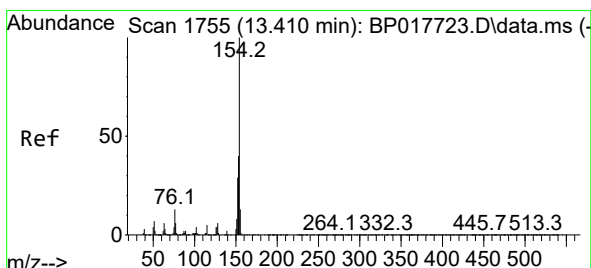
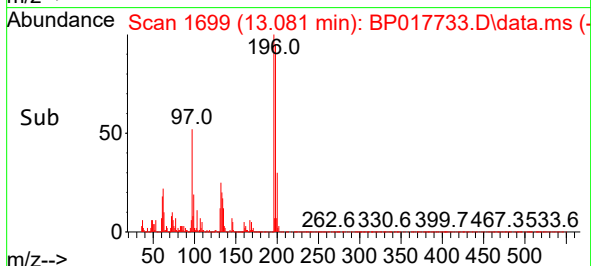
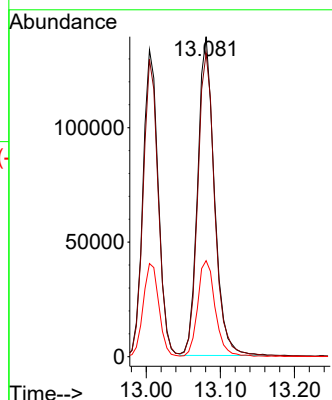
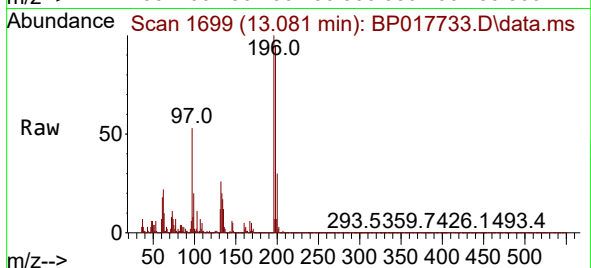
Tgt Ion:196 Resp: 218120

Ion Ratio Lower Upper

196 100

198 94.9 76.0 114.0

200 30.0 24.3 36.5



#43

1,1'-Biphenyl

Concen: 31.091 ng/ul

RT: 13.410 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

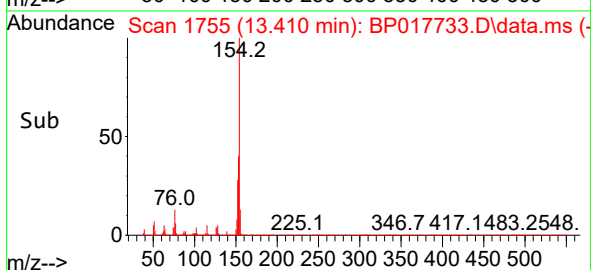
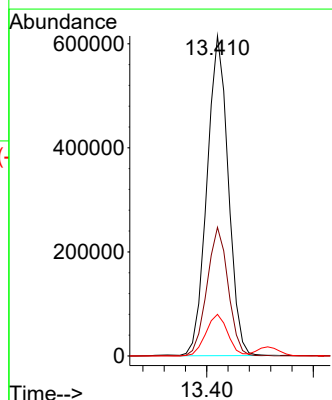
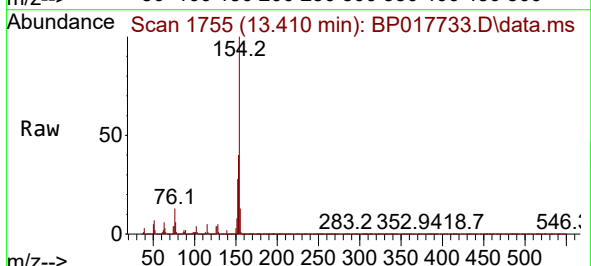
Tgt Ion:154 Resp: 851669

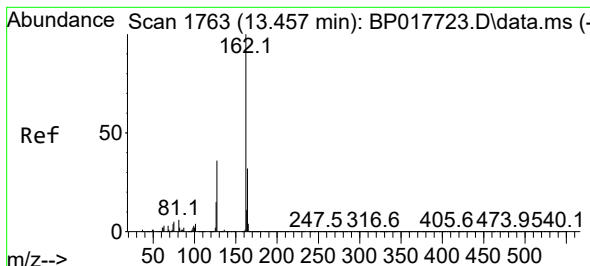
Ion Ratio Lower Upper

154 100

153 40.2 32.6 49.0

76 13.0 9.8 14.8

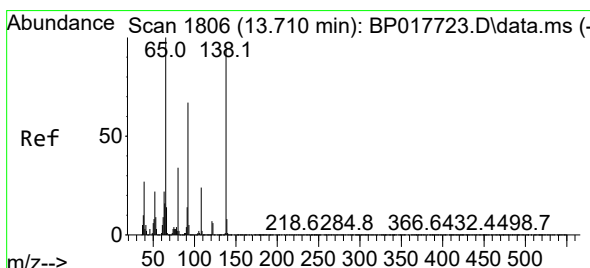
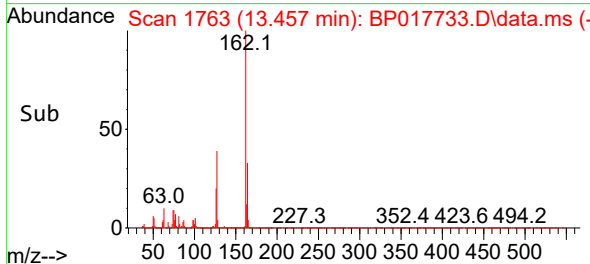
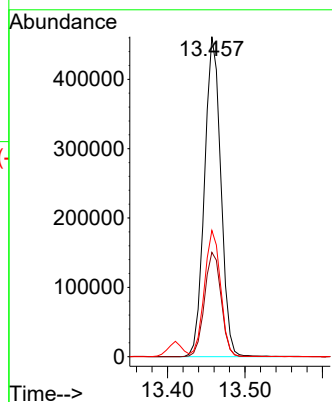
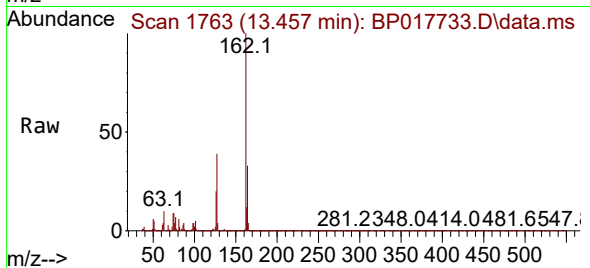




#44
2-Chloronaphthalene
Concen: 30.493 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

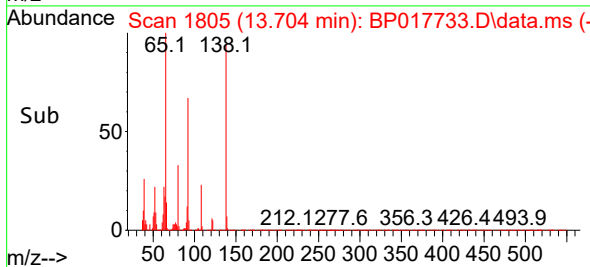
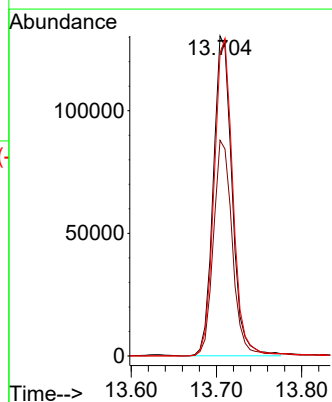
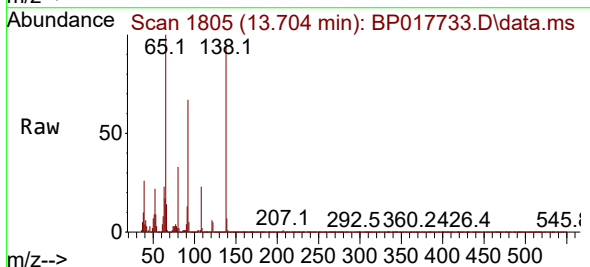
Instrument :
BNA_P
ClientSampleId :
SLCS379

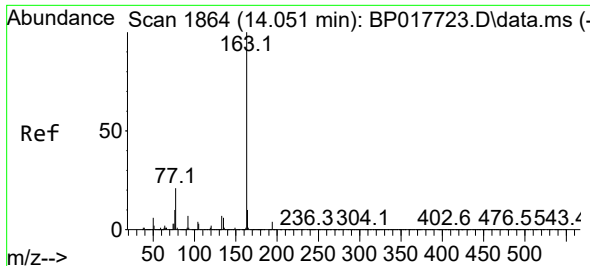
Tgt Ion:162 Resp: 675222
Ion Ratio Lower Upper
162 100
164 32.6 25.9 38.9
127 39.4 29.9 44.9



#45
2-Nitroaniline
Concen: 39.707 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion: 65 Resp: 199805
Ion Ratio Lower Upper
65 100
92 67.4 56.2 84.4
138 94.2 85.9 128.9

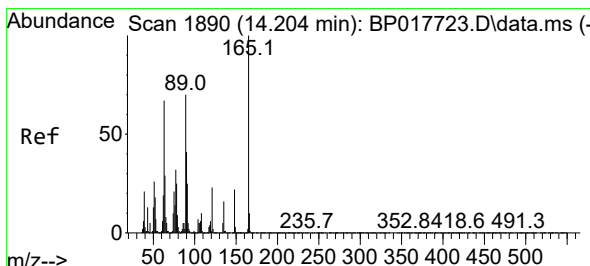
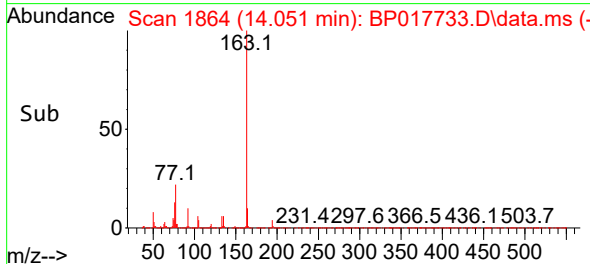
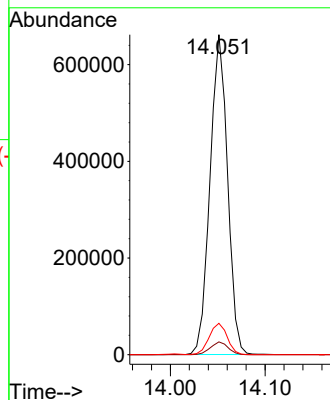
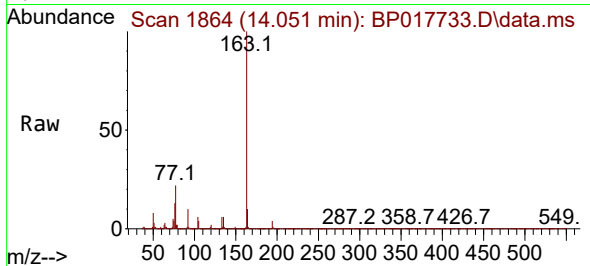




#47
Dimethylphthalate
Concen: 30.907 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

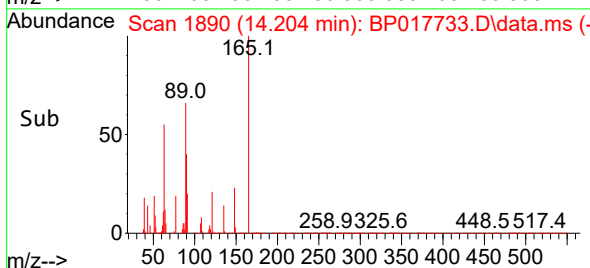
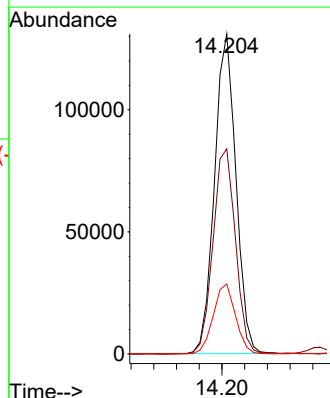
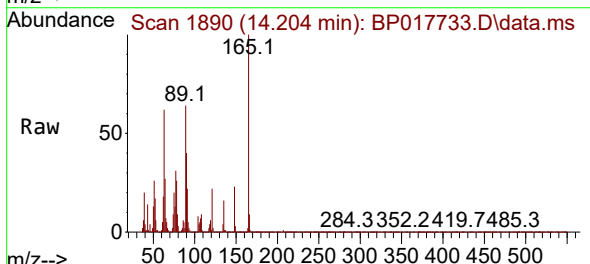
Instrument :
BNA_P
ClientSampleId :
SLCS379

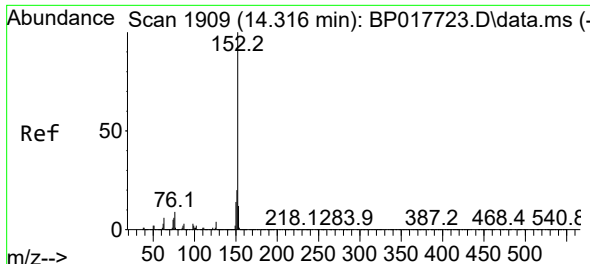
Tgt Ion:163 Resp: 850230
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.8 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 33.952 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:165 Resp: 171911
Ion Ratio Lower Upper
165 100
89 64.1 48.0 72.0
121 21.9 16.6 24.8

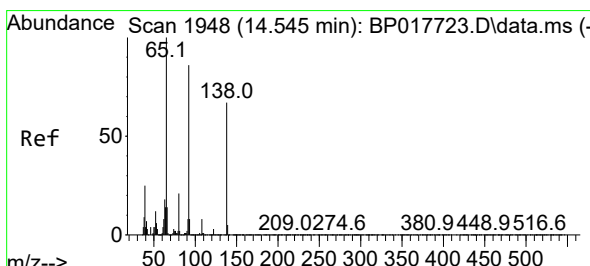
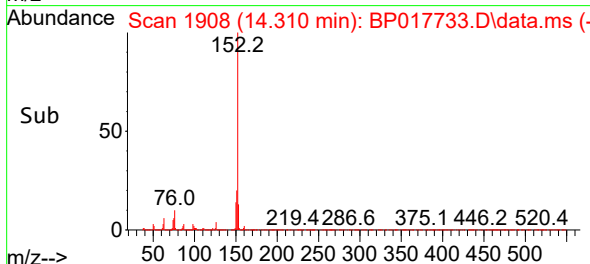
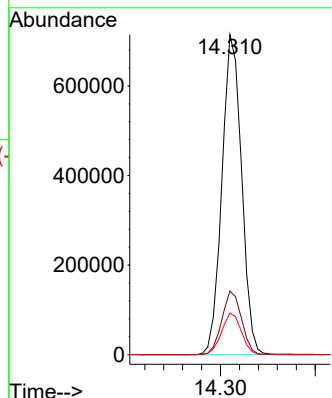
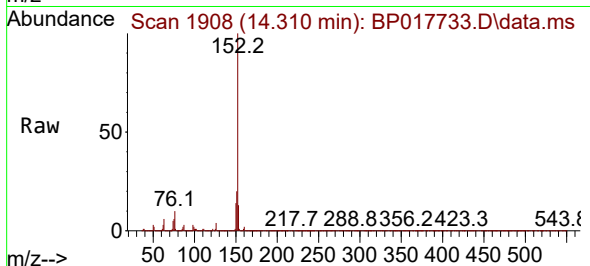




#50
Acenaphthylene
Concen: 29.544 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

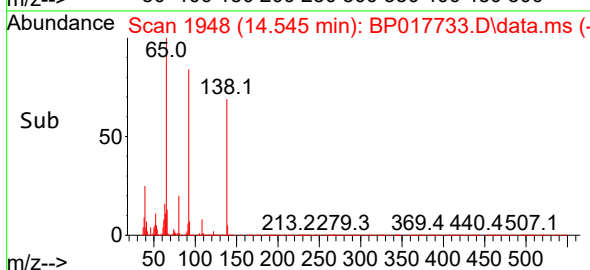
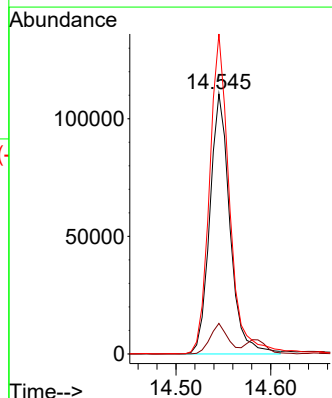
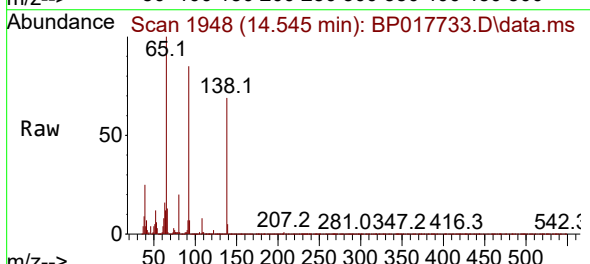
Instrument :
BNA_P
ClientSampleId :
SLCS379

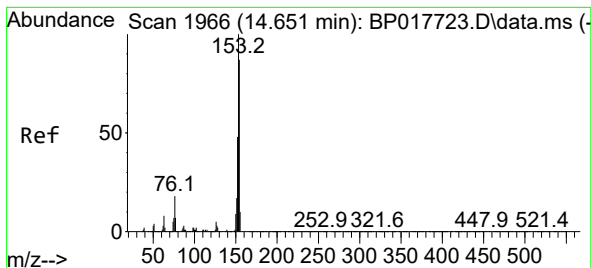
Tgt Ion:152 Resp: 1030143
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.8 16.2



#51
3-Nitroaniline
Concen: 33.866 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:138 Resp: 163088
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 123.0 95.2 142.8





#52

Acenaphthene

Concen: 30.421 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

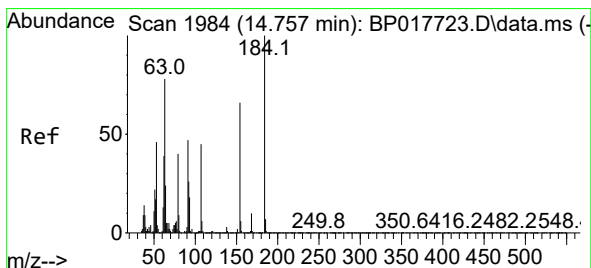
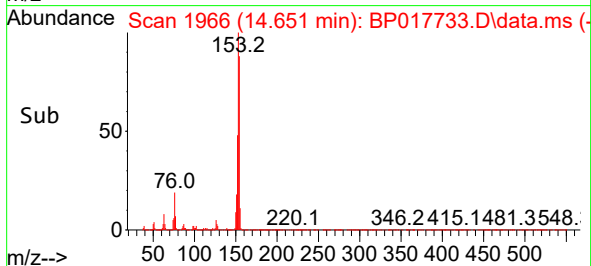
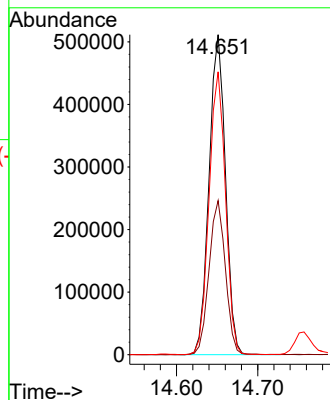
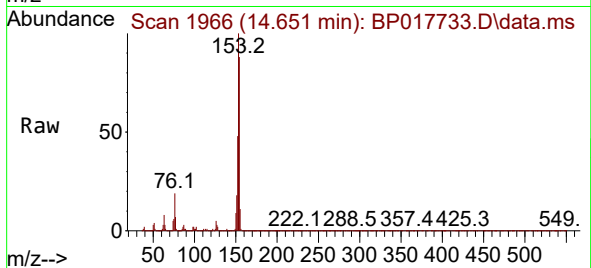
Tgt Ion:153 Resp: 717058

Ion Ratio Lower Upper

153 100

152 48.1 37.6 56.4

154 88.4 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 30.317 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

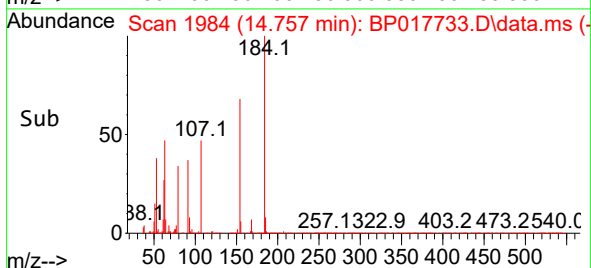
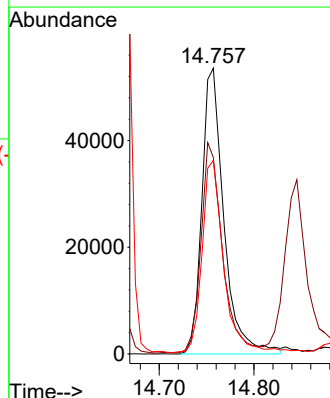
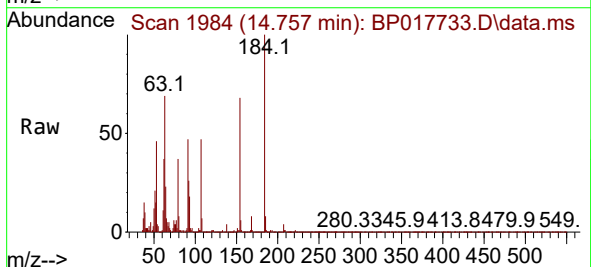
Tgt Ion:184 Resp: 86171

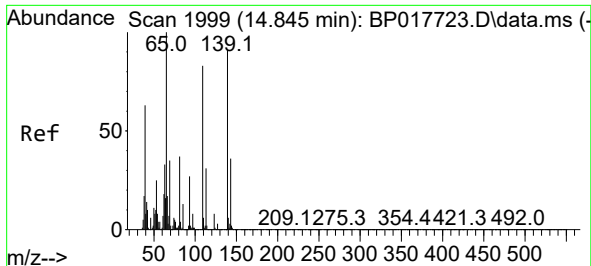
Ion Ratio Lower Upper

184 100

63 68.8 50.6 76.0

154 67.8 47.9 71.9

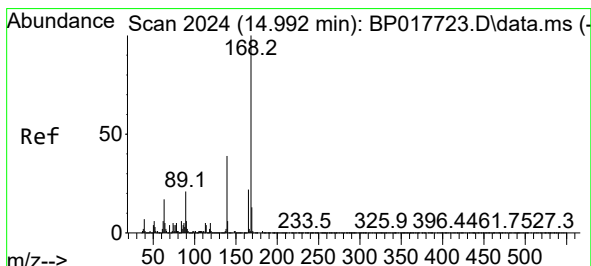
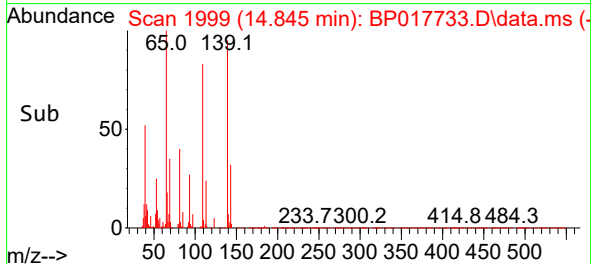
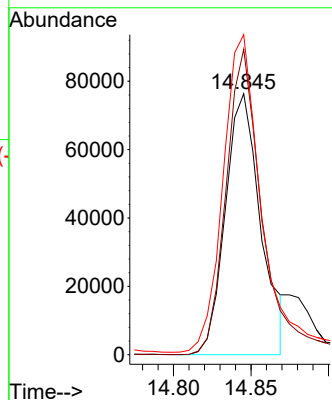
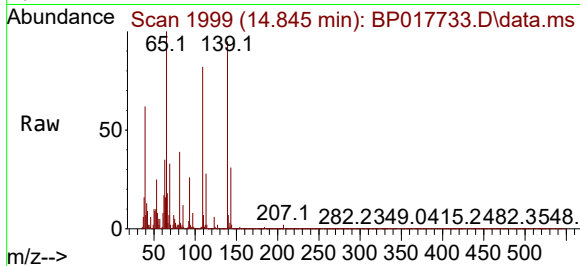




#55
4-Nitrophenol
Concen: 28.743 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

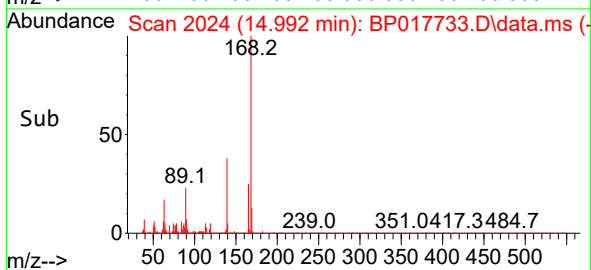
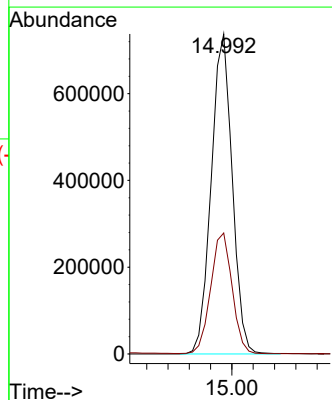
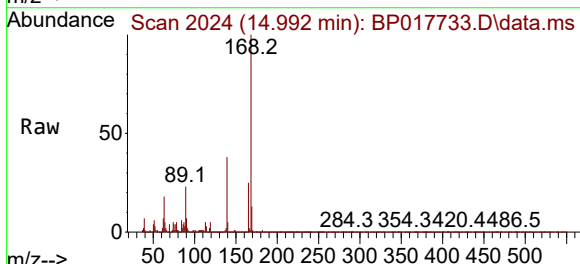
Instrument :
BNA_P
ClientSampleId :
SLCS379

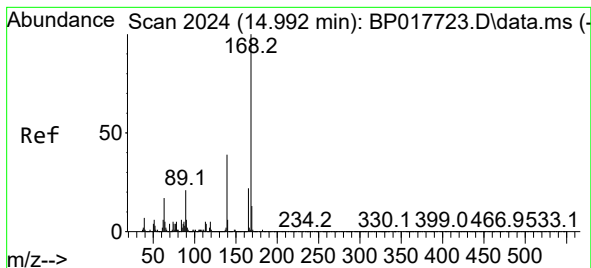
Tgt Ion:109 Resp: 121010
Ion Ratio Lower Upper
109 100
139 117.1 92.9 139.3
65 122.6 94.5 141.7



#56
Dibenzofuran
Concen: 30.533 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:168 Resp: 1010440
Ion Ratio Lower Upper
168 100
139 37.8 28.6 43.0





#57

2,4-Dinitrotoluene

Concen: 33.649 ng/ul

RT: 14.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

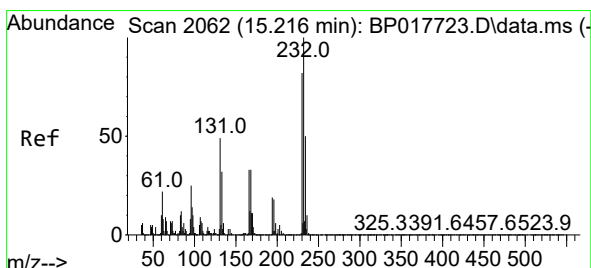
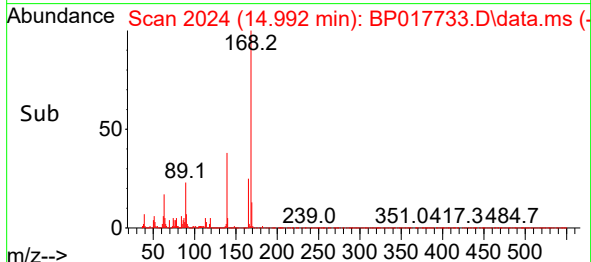
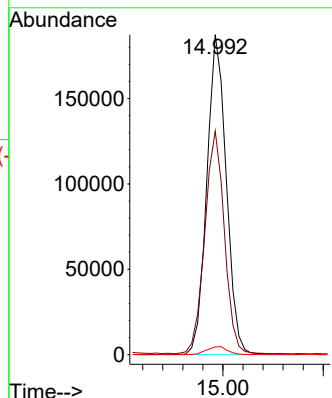
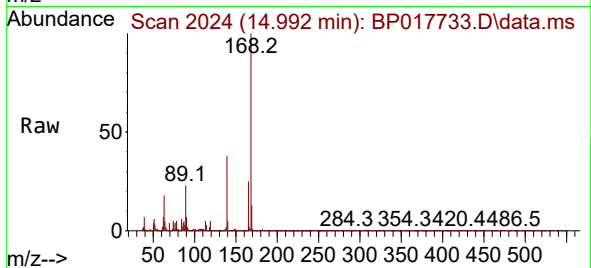
Tgt Ion:165 Resp: 251455

Ion Ratio Lower Upper

165 100

63 69.8 51.1 76.7

182 2.5 2.7 4.1#



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.017 ng/ul

RT: 15.216 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Tgt Ion:232 Resp: 149154

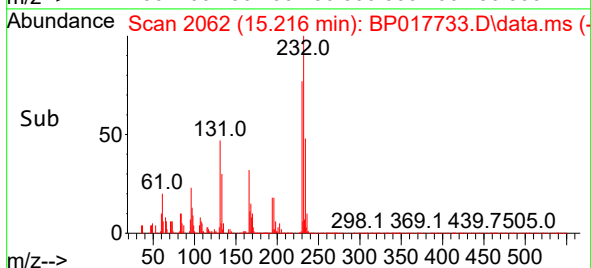
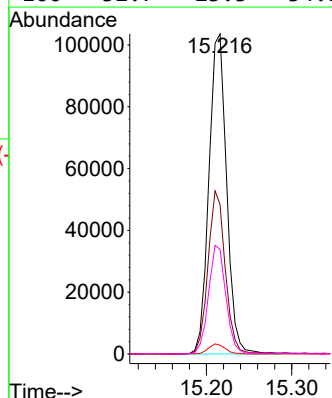
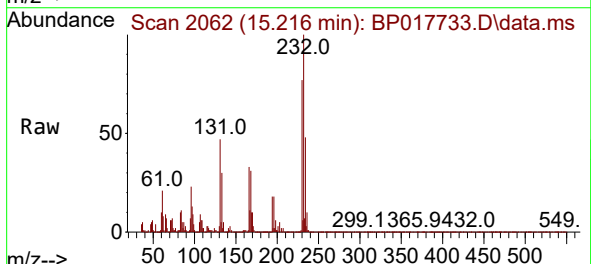
Ion Ratio Lower Upper

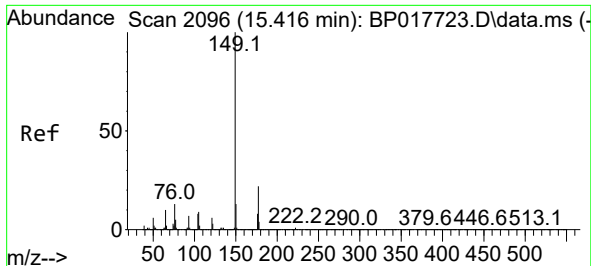
232 100

131 46.7 32.9 49.3

130 2.8 1.8 2.8#

166 32.7 23.3 34.9

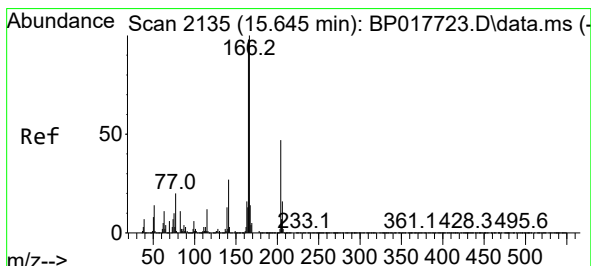
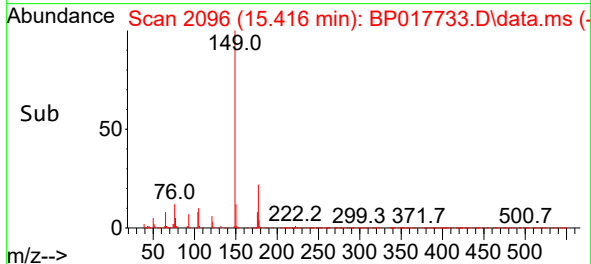
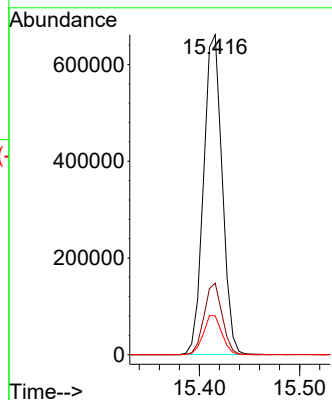
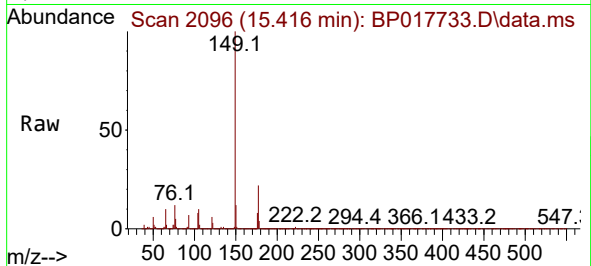




#59
Diethylphthalate
Concen: 32.178 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

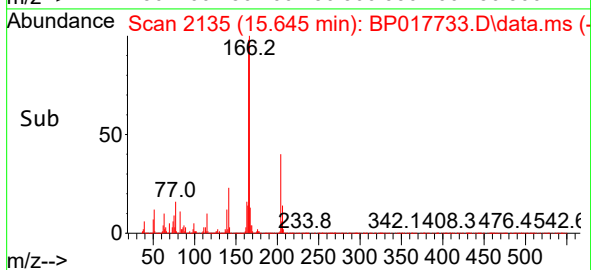
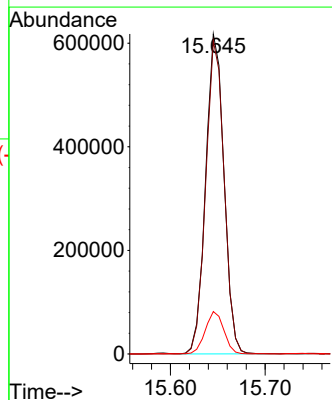
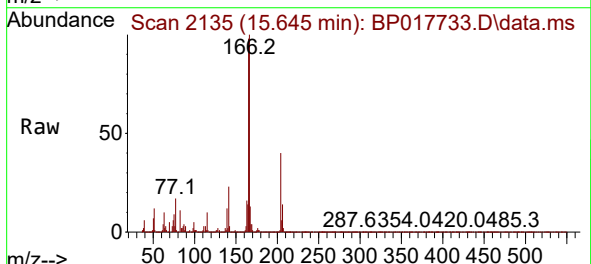
Instrument :
BNA_P
ClientSampleId :
SLCS379

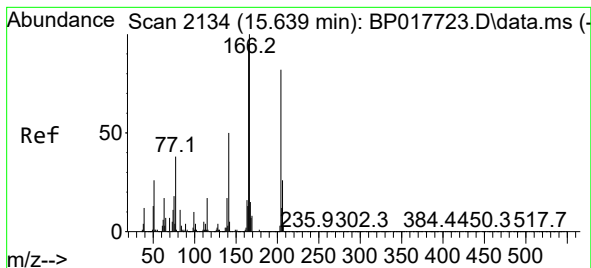
Tgt Ion:149 Resp: 854650
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.2 10.2 15.4



#61
Fluorene
Concen: 30.544 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:166 Resp: 830297
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 13.2 10.9 16.3

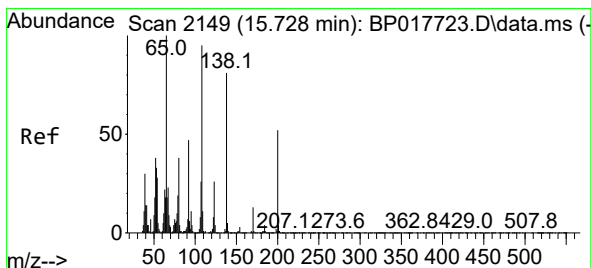
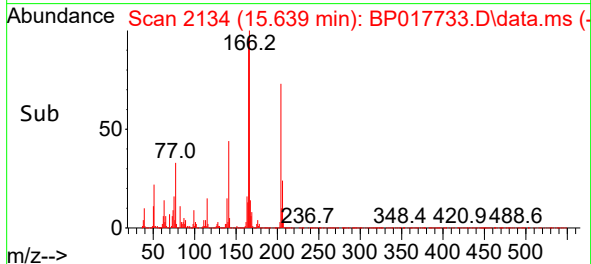
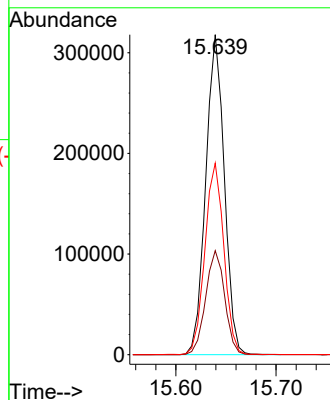
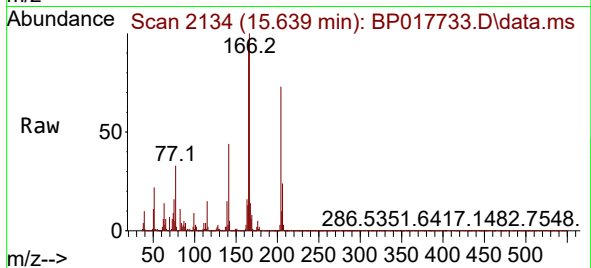




#62
4-Chlorophenyl-phenylether
Concen: 28.430 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

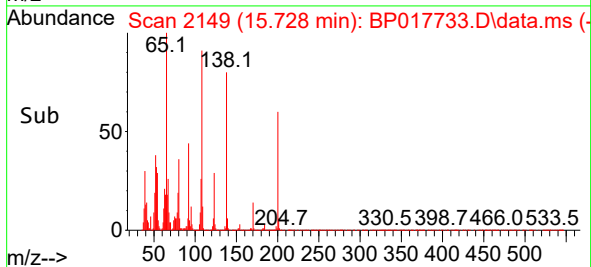
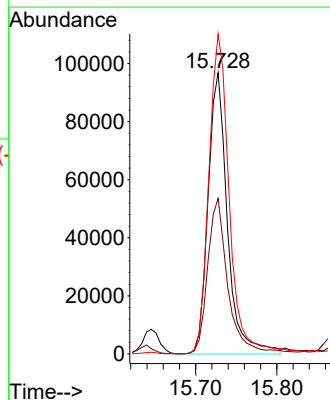
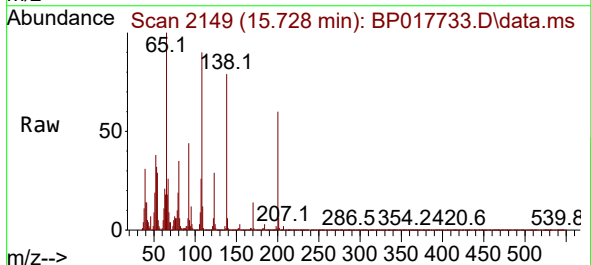
Instrument :
BNA_P
ClientSampleId :
SLCS379

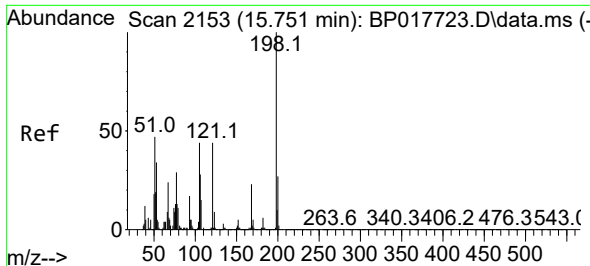
Tgt Ion:204 Resp: 410778
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 59.8 42.9 64.3



#63
4-Nitroaniline
Concen: 36.899 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:138 Resp: 160269
Ion Ratio Lower Upper
138 100
92 55.3 43.0 64.6
108 113.8 82.7 124.1

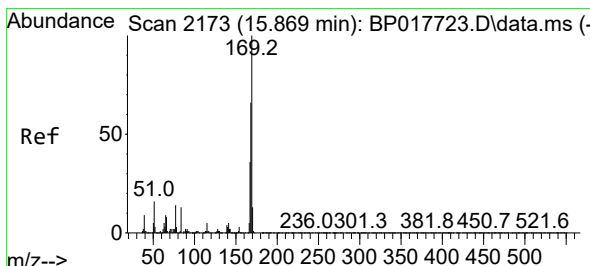
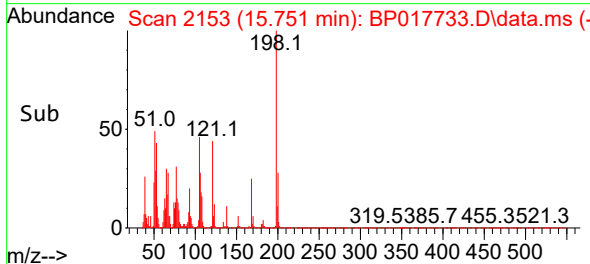
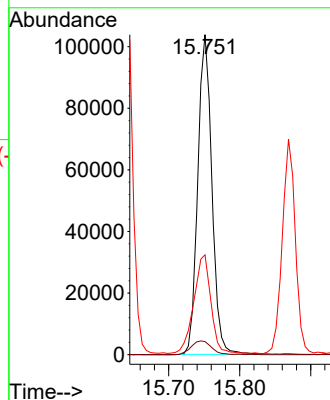
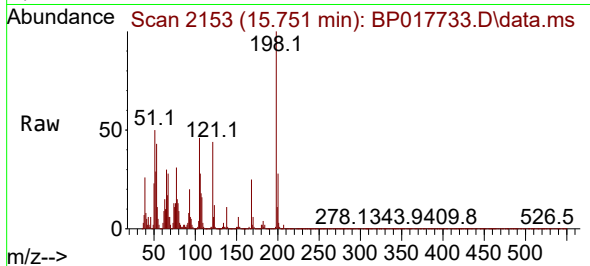




#66
4,6-Dinitro-2-methylphenol
Concen: 29.445 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

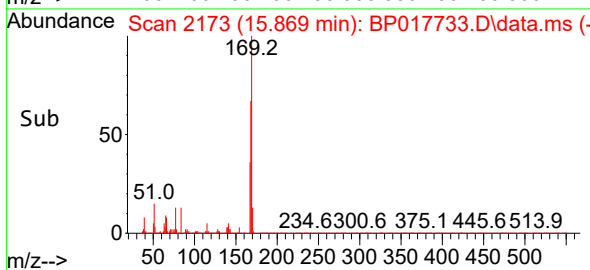
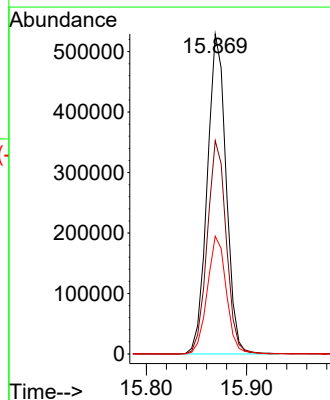
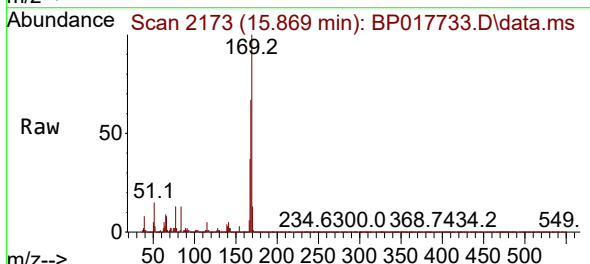
Instrument :
BNA_P
ClientSampleId :
SLCS379

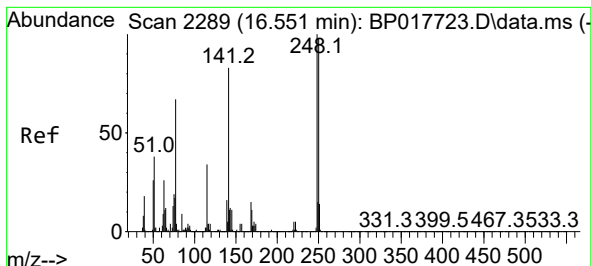
Tgt Ion:198 Resp: 144009
Ion Ratio Lower Upper
198 100
182 4.1 3.9 5.9
77 31.2 19.8 29.8#



#67
N-Nitrosodiphenylamine
Concen: 32.935 ng/ul
RT: 15.869 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:169 Resp: 691686
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.8 29.4 44.0

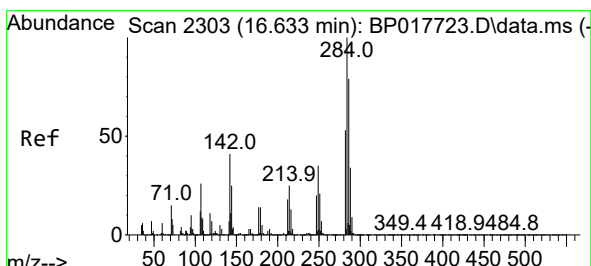
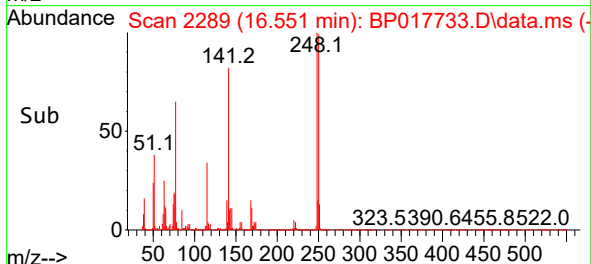
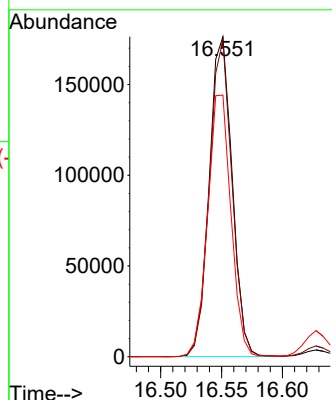
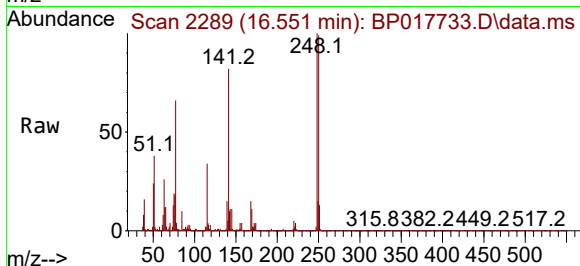




#68
4-Bromophenyl-phenylether
Concen: 28.556 ng/ul
RT: 16.551 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

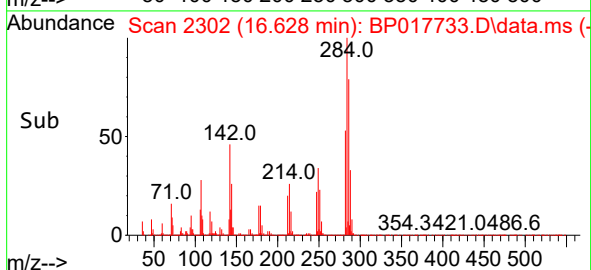
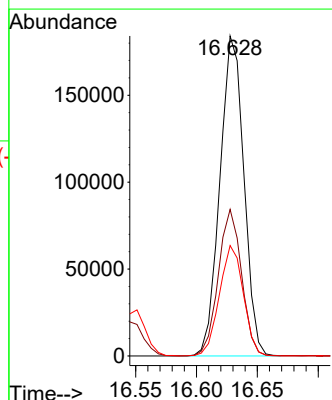
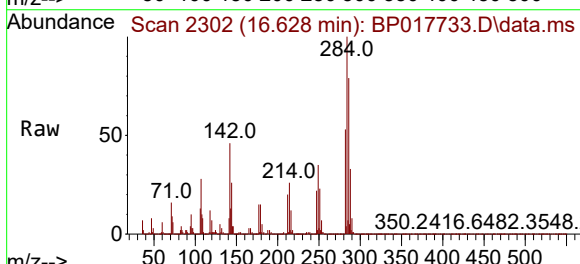
Instrument :
BNA_P
ClientSampleId :
SLCS379

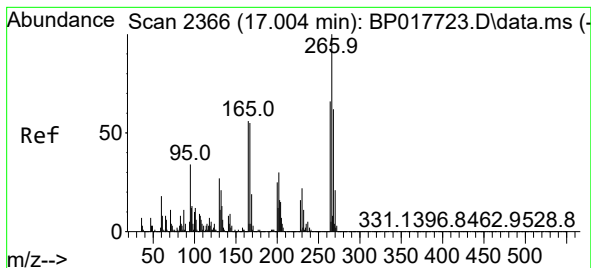
Tgt Ion:248 Resp: 231623
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 81.7 52.4 78.6#



#69
Hexachlorobenzene
Concen: 27.110 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:284 Resp: 252440
Ion Ratio Lower Upper
284 100
142 45.8 27.6 41.4#
249 34.5 24.5 36.7





#71

Pentachlorophenol

Concen: 17.139 ng/ul

RT: 17.004 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

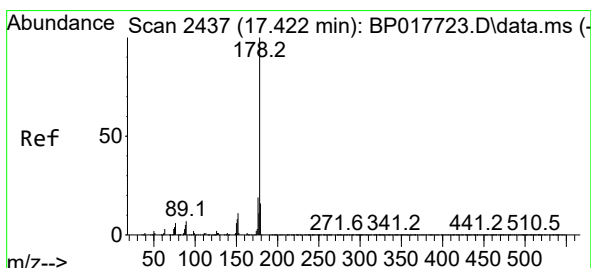
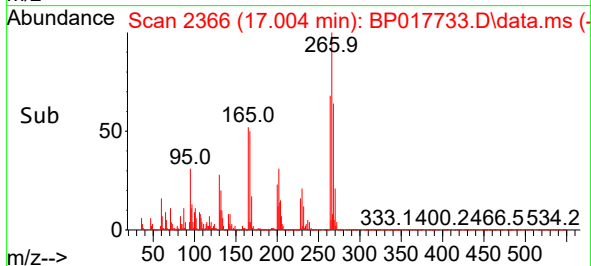
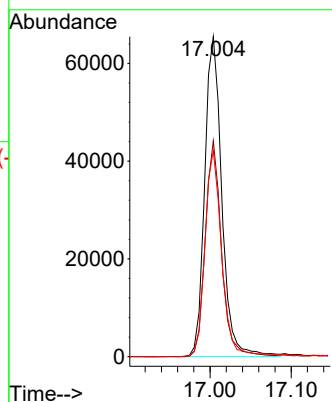
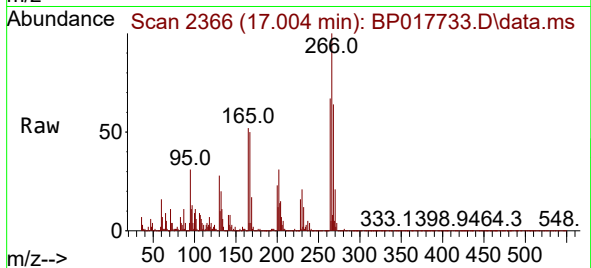
Tgt Ion:266 Resp: 95950

Ion Ratio Lower Upper

266 100

264 67.5 49.4 74.2

268 64.3 50.3 75.5



#72

Phenanthrene

Concen: 31.731 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

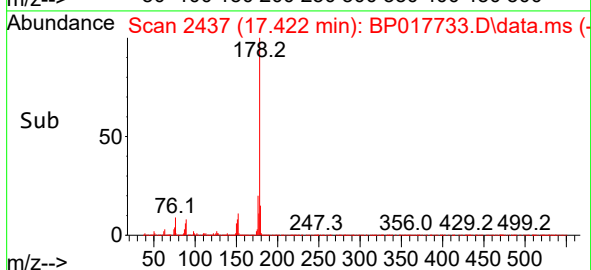
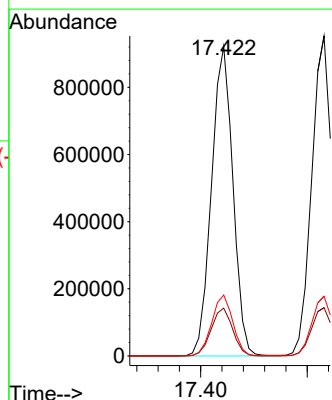
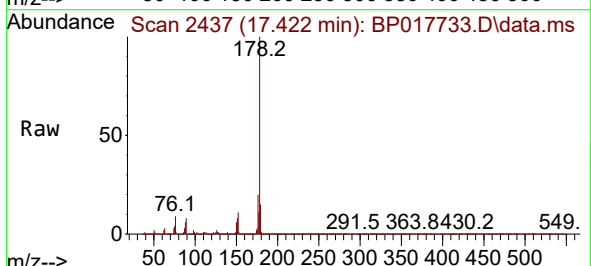
Tgt Ion:178 Resp: 1288554

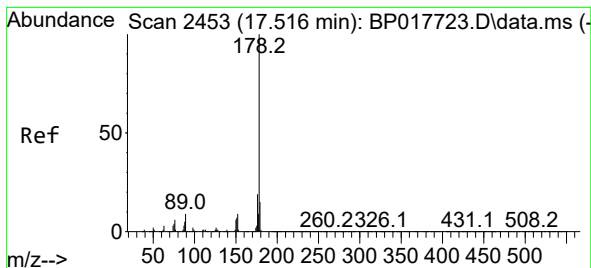
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.7 15.3 22.9





#74

Anthracene

Concen: 31.385 ng/uI

RT: 17.516 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

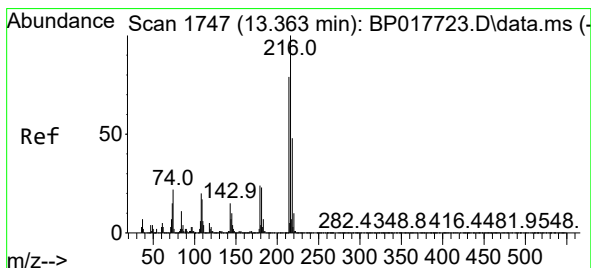
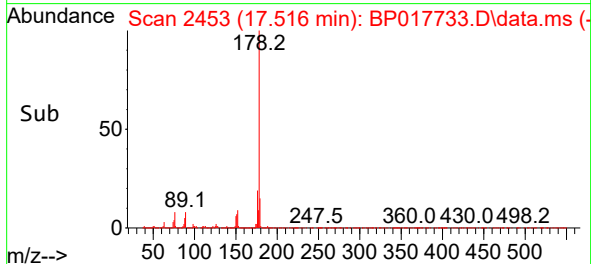
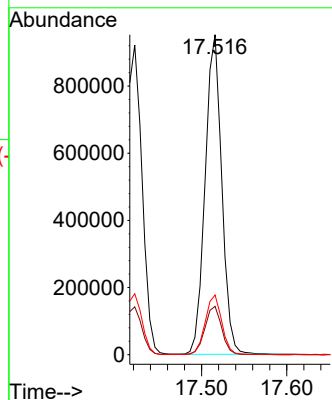
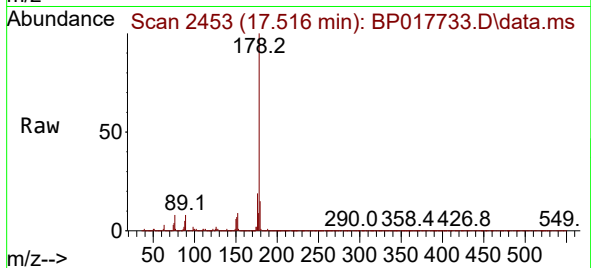
Tgt Ion:178 Resp: 1290887

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 18.6 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.107 ng/uI

RT: 13.363 min Scan# 1747

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

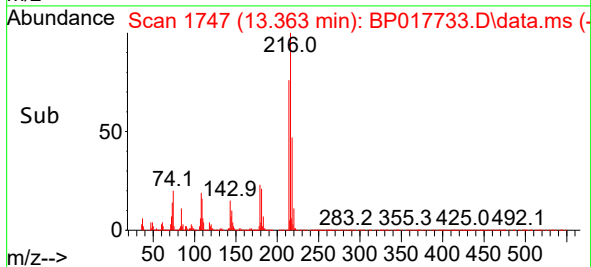
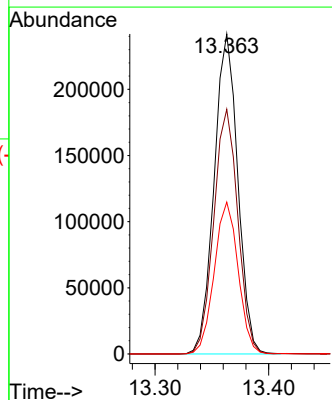
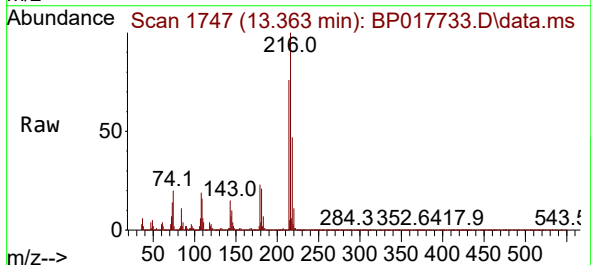
Tgt Ion:216 Resp: 350193

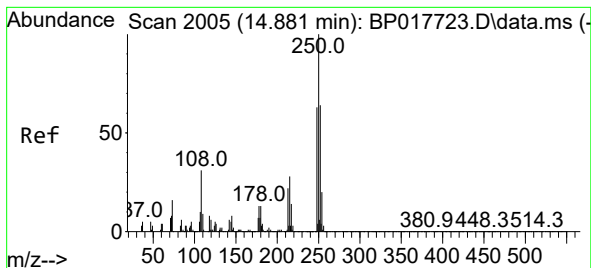
Ion Ratio Lower Upper

216 100

214 76.4 60.7 91.1

218 47.4 38.2 57.4





#76

Pentachlorobenzene

Concen: 28.186 ng/uL

RT: 14.881 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

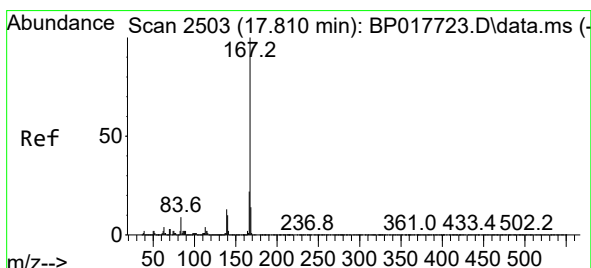
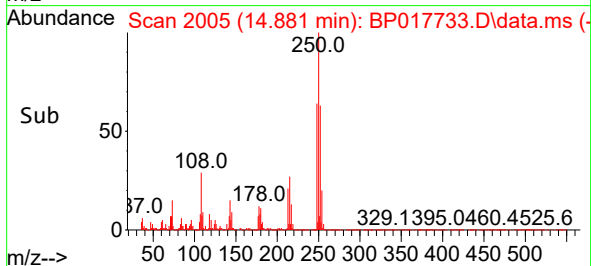
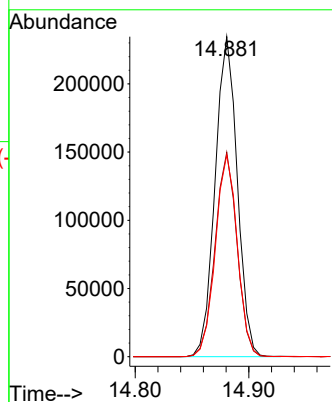
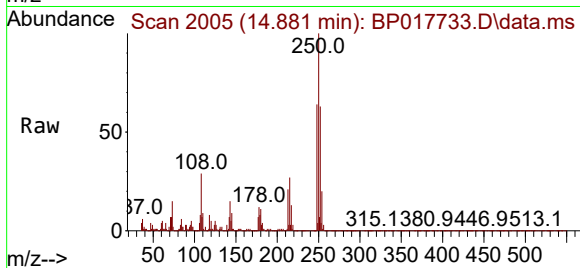
Tgt Ion:250 Resp: 317740

Ion Ratio Lower Upper

250 100

248 63.8 50.2 75.4

252 63.1 49.6 74.4



#77

Carbazole

Concen: 32.413 ng/uL

RT: 17.810 min Scan# 2503

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

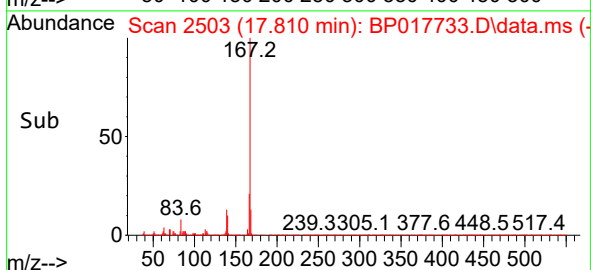
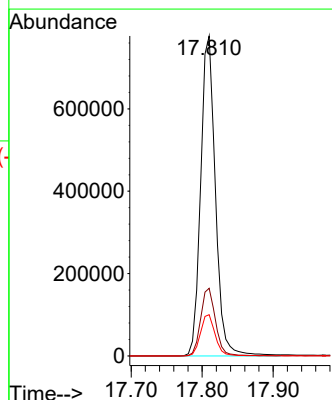
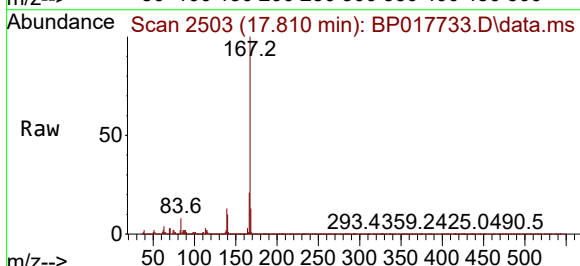
Tgt Ion:167 Resp: 1126721

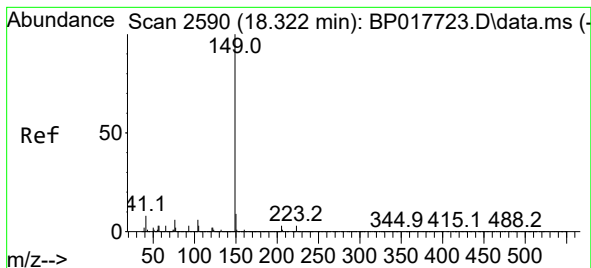
Ion Ratio Lower Upper

167 100

166 21.2 16.7 25.1

139 12.9 9.8 14.6





#78

Di-n-butylphthalate

Concen: 35.388 ng/ul

RT: 18.322 min Scan# 2590

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

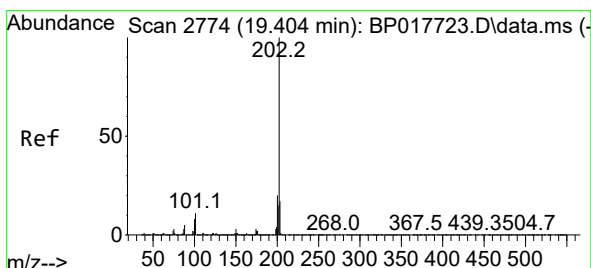
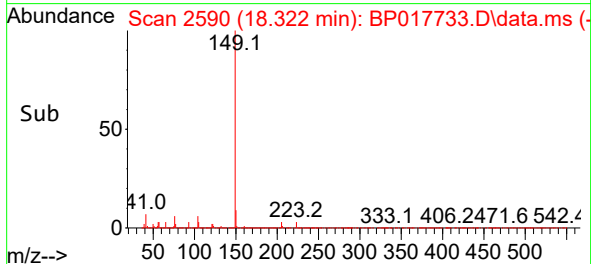
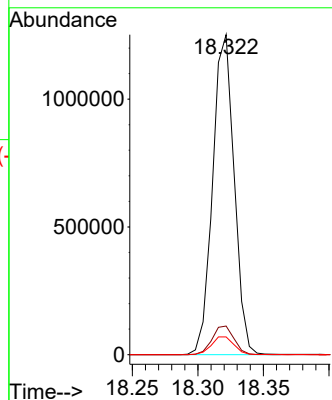
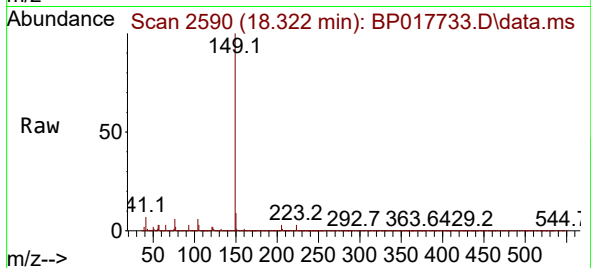
Tgt Ion:149 Resp: 1428154

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.5 4.3 6.5



#80

Fluoranthene

Concen: 35.066 ng/ul

RT: 19.404 min Scan# 2774

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

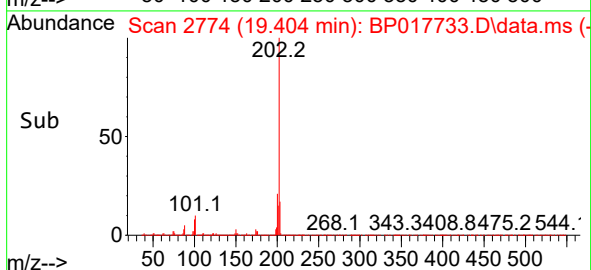
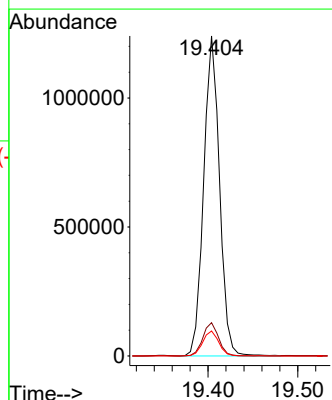
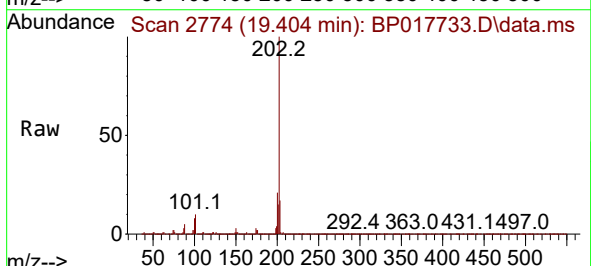
Tgt Ion:202 Resp: 1516260

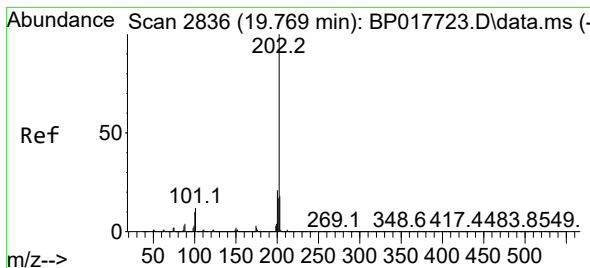
Ion Ratio Lower Upper

202 100

101 10.4 7.1 10.7

100 7.8 5.7 8.5





#82

Pyrene

Concen: 34.256 ng/ul

RT: 19.763 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

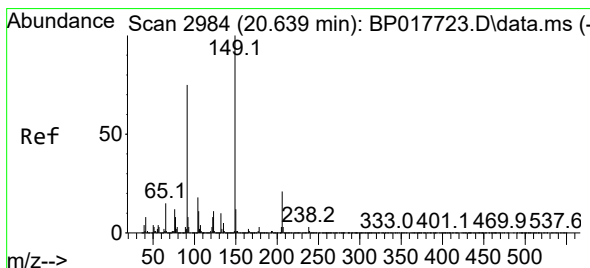
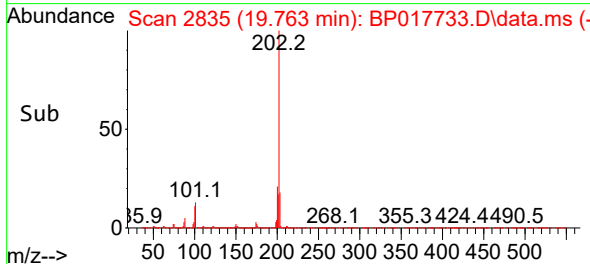
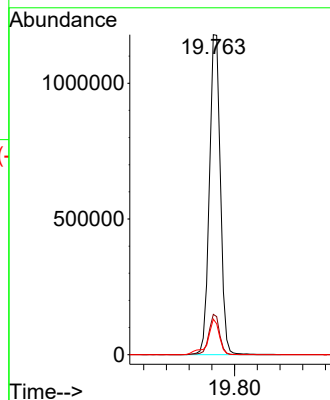
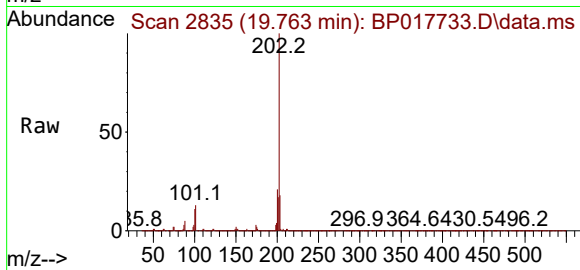
Tgt Ion:202 Resp: 1569294

Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 11.1 7.4 11.0#



#83

Butylbenzylphthalate

Concen: 40.438 ng/ul

RT: 20.639 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

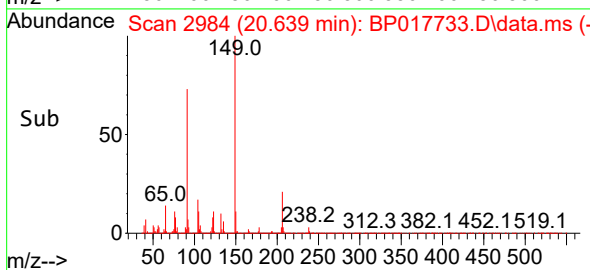
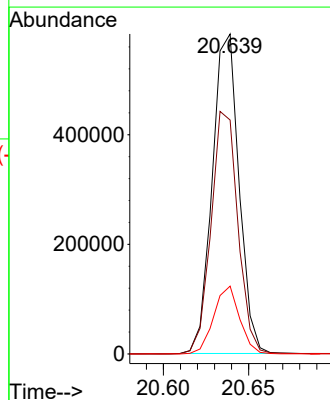
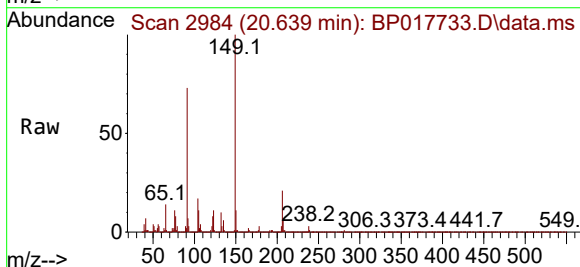
Tgt Ion:149 Resp: 637158

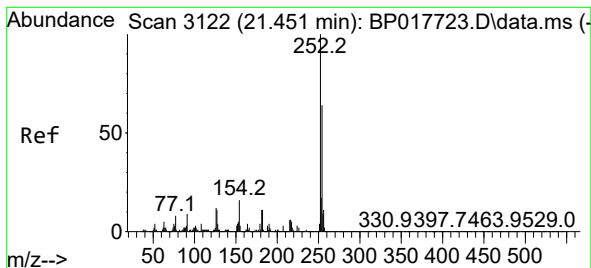
Ion Ratio Lower Upper

149 100

91 73.1 58.8 88.2

206 21.2 17.5 26.3





#84

3,3'-Dichlorobenzidine

Concen: 31.334 ng/ul

RT: 21.445 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

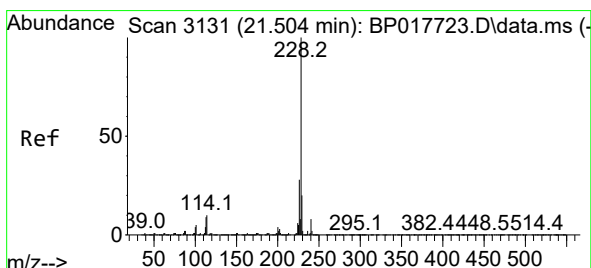
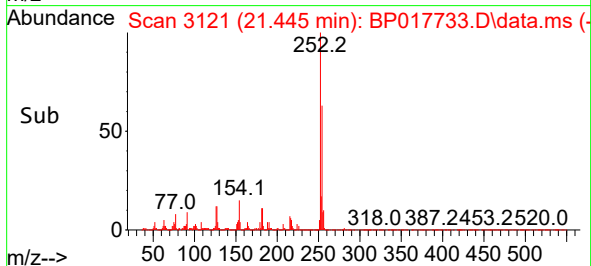
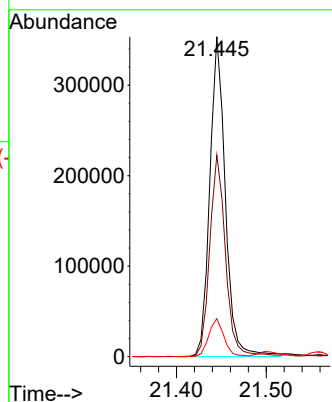
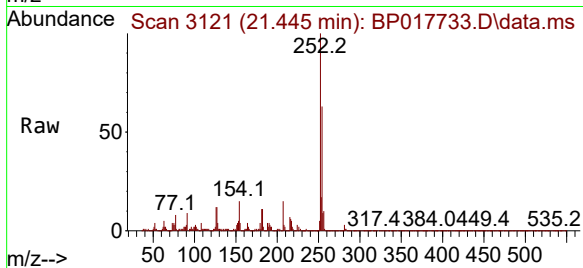
Tgt Ion:252 Resp: 424966

Ion Ratio Lower Upper

252 100

254 63.1 51.8 77.8

126 11.9 7.8 11.6#



#85

Benzo(a)anthracene

Concen: 32.333 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

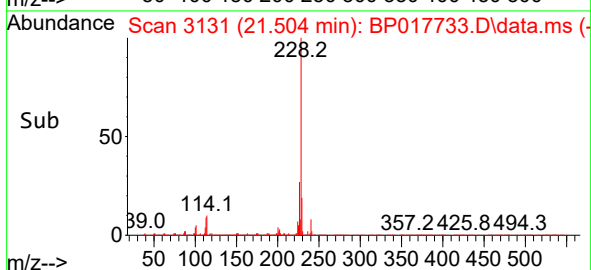
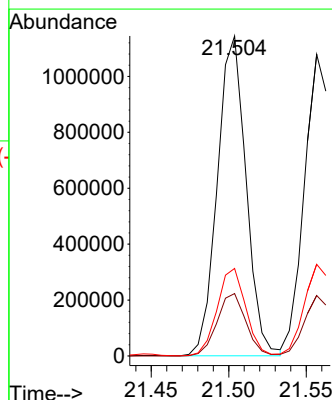
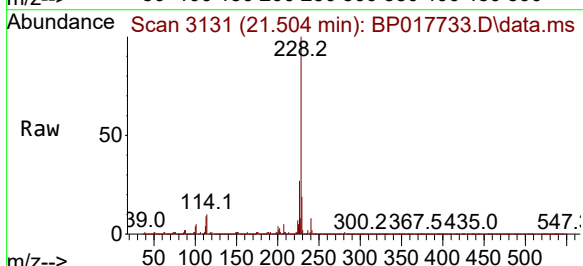
Tgt Ion:228 Resp: 1475528

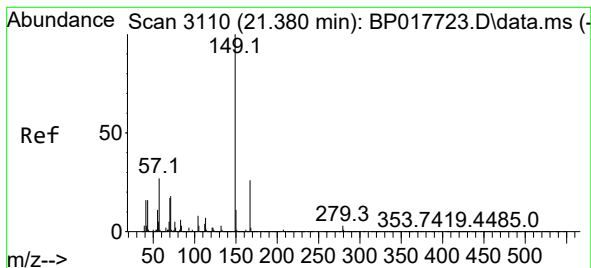
Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

226 27.4 21.1 31.7

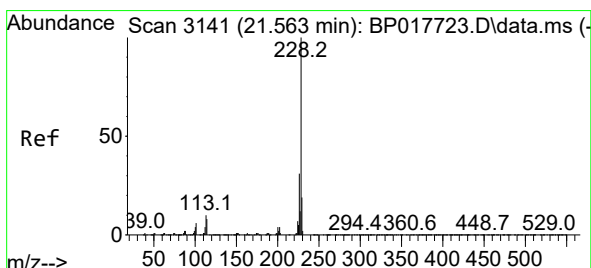
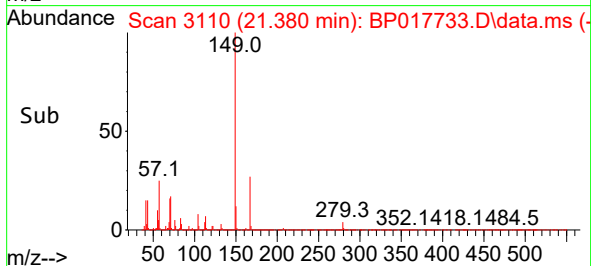
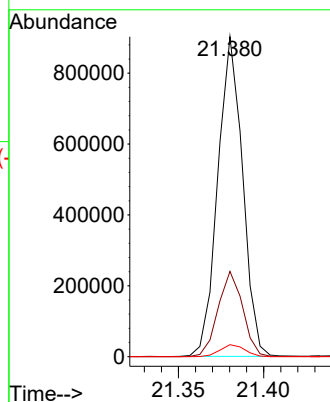
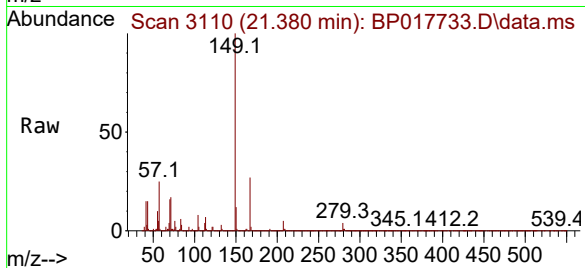




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 41.563 ng/ul
 RT: 21.380 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: BP017733.D
 Acq: 19 Oct 2023 18:40

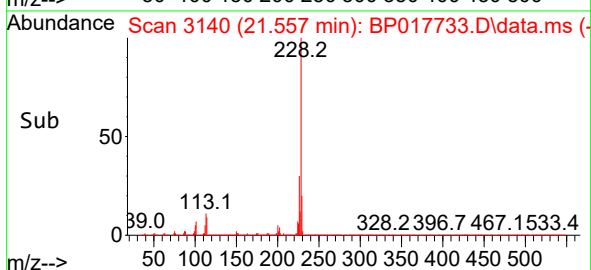
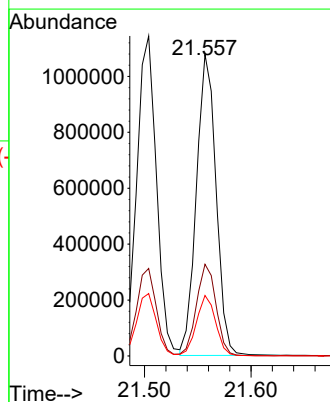
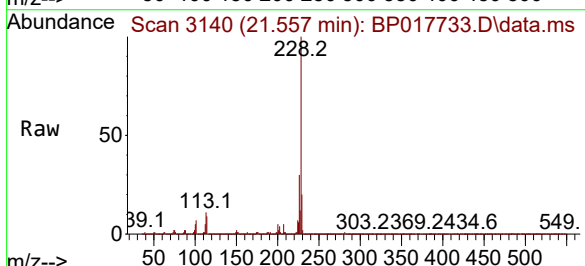
Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

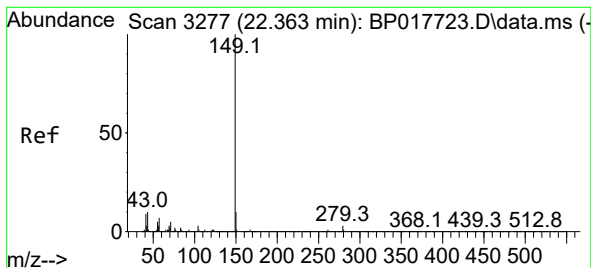
Tgt Ion:149 Resp: 914188
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.6 32.4
 279 3.8 3.6 5.4



#87
 Chrysene
 Concen: 32.046 ng/ul
 RT: 21.557 min Scan# 3140
 Delta R.T. -0.000 min
 Lab File: BP017733.D
 Acq: 19 Oct 2023 18:40

Tgt Ion:228 Resp: 1382969
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.0 36.0
 229 20.1 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 41.284 ng/ul

RT: 22.363 min Scan# 3277

Delta R.T. -0.000 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

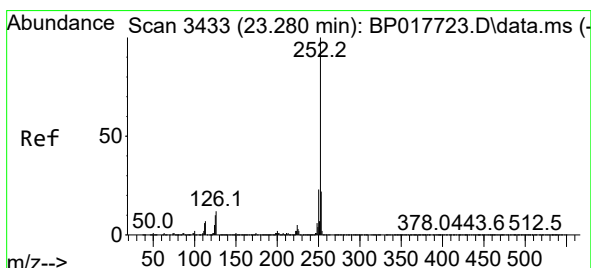
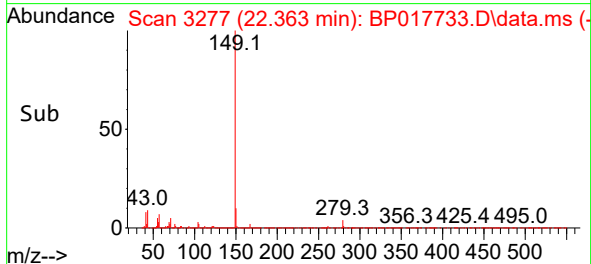
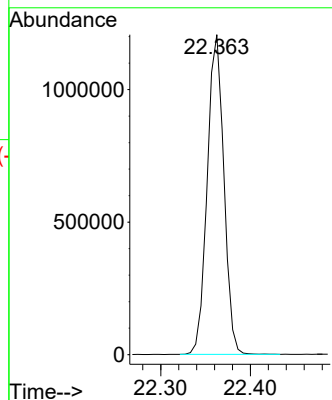
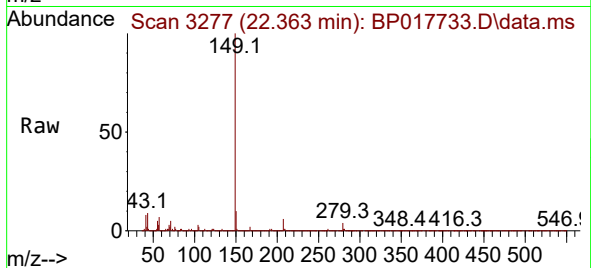
Instrument :

BNA_P

ClientSampleId :

SLCS379

Tgt Ion:149 Resp: 1552288



#90

Benzo(b)fluoranthene

Concen: 34.572 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

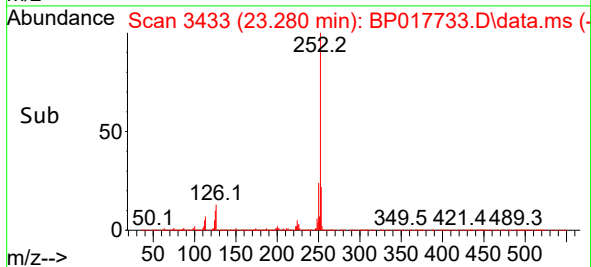
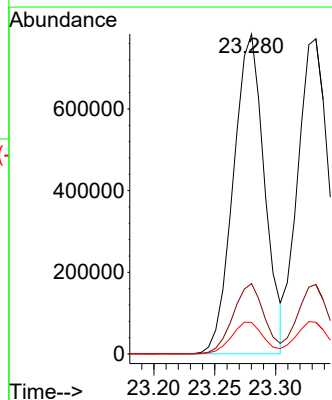
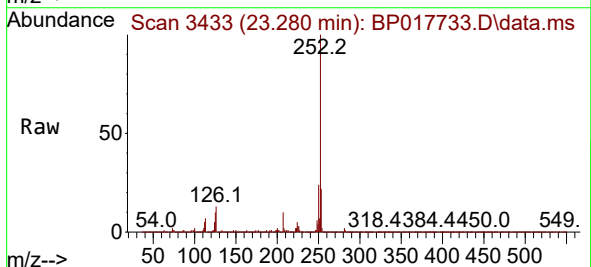
Tgt Ion:252 Resp: 1396699

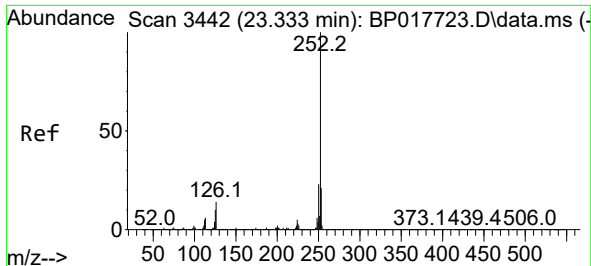
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.8 7.1 10.7

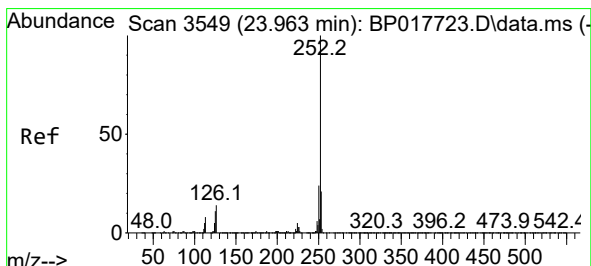
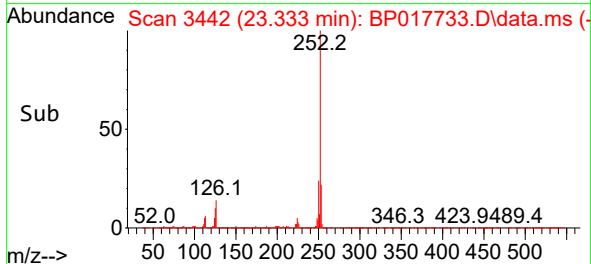
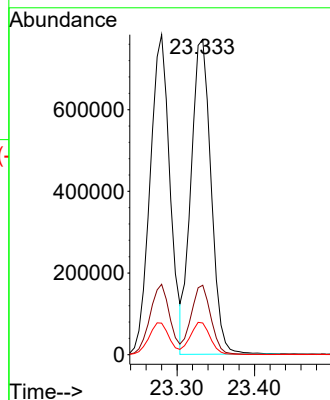
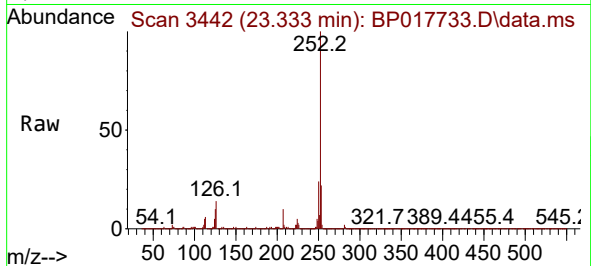




#91
Benzo(k)fluoranthene
Concen: 33.808 ng/ul
RT: 23.333 min Scan# 3442
Delta R.T. 0.006 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

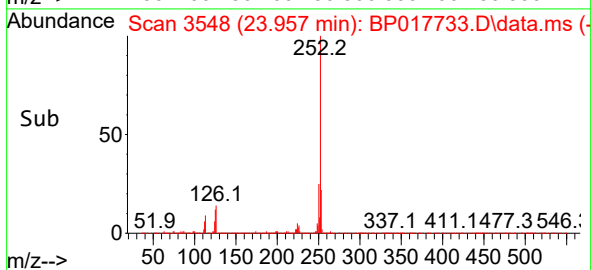
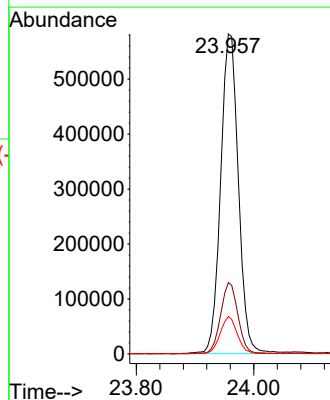
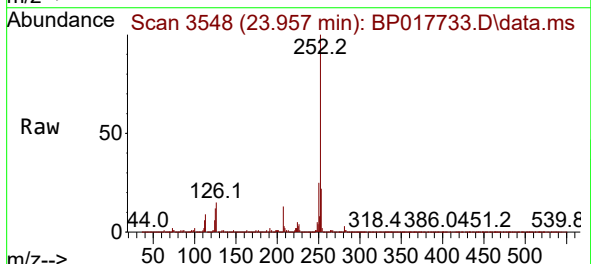
Instrument :
BNA_P
ClientSampleId :
SLCS379

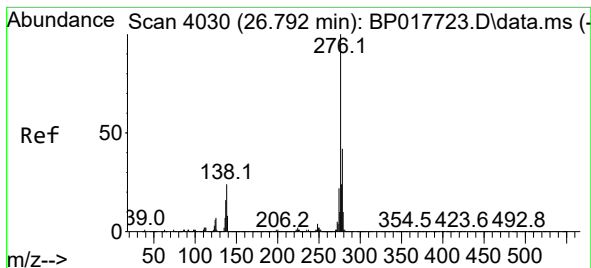
Tgt Ion:252 Resp: 1384221
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 7.0 10.6



#93
Benzo(a)pyrene
Concen: 32.102 ng/ul
RT: 23.957 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP017733.D
Acq: 19 Oct 2023 18:40

Tgt Ion:252 Resp: 1217528
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.7 7.8 11.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 32.555 ng/ul

RT: 26.786 min Scan# 4030

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS379

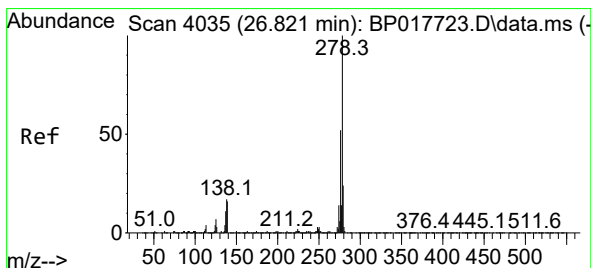
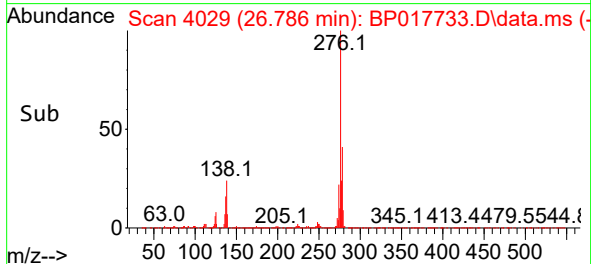
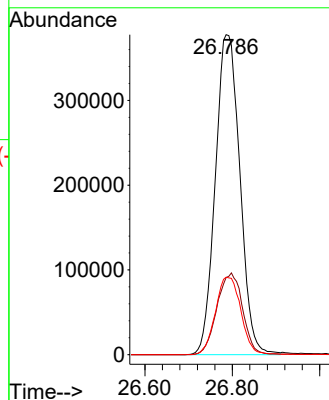
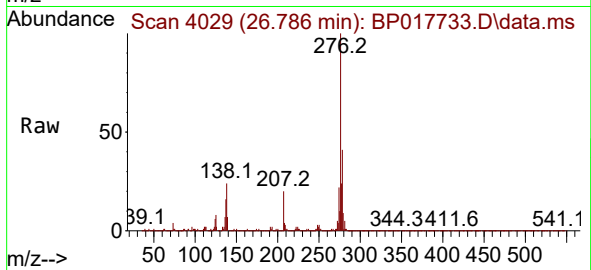
Tgt Ion:276 Resp: 1471563

Ion Ratio Lower Upper

276 100

138 24.1 15.6 23.4#

277 24.2 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 32.390 ng/ul

RT: 26.815 min Scan# 4034

Delta R.T. 0.006 min

Lab File: BP017733.D

Acq: 19 Oct 2023 18:40

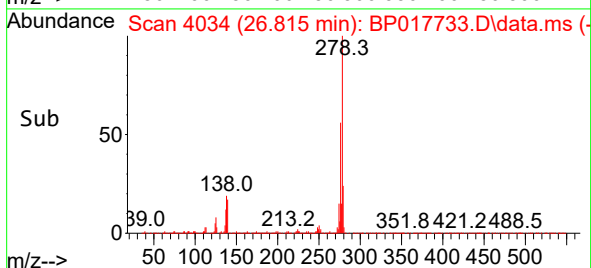
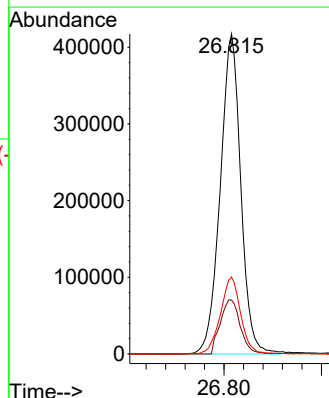
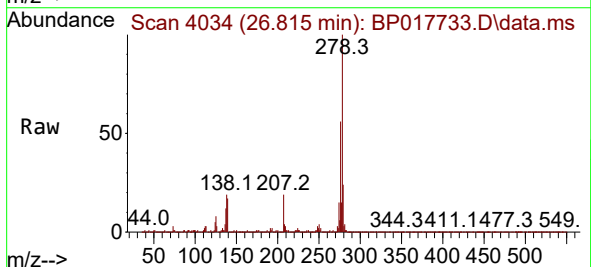
Tgt Ion:278 Resp: 1221597

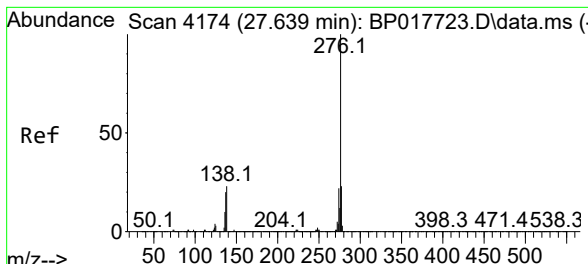
Ion Ratio Lower Upper

278 100

139 16.8 11.4 17.2

279 24.0 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 32.836 ng/ul
 RT: 27.633 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP017733.D
 Acq: 19 Oct 2023 18:40

Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

Tgt Ion: 276 Resp: 1195849

Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.0	22.6#
277	23.0	18.5	27.7

