

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
 Data File : BP012025.D
 Acq On : 10 Oct 2022 16:05
 Operator : CG/JU
 Sample : SST00562
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005624

Quant Time: Oct 11 00:43:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 00:41:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	169880	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	687997	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	385453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	769561	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	790474	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	859960	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3562	0.925	ng/uL	0.00
4) Pyridine-d5	3.723	84	23855	2.114	ng/ul	0.02
7) Phenol-d5	7.028	99	58094	3.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	37334	4.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	47554	4.108	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	42984	3.546	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	19946	3.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	19572	3.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	38800	3.741	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	58699	3.713	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	109067	3.957	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	132516	4.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	13329	2.335	ng/ul	0.00
60) Fluorene-d10	15.504	176	101128	4.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	10209	2.192	ng/ul	0.00
73) Anthracene-d10	17.369	188	147505	4.208	ng/ul	0.00
81) Pyrene-d10	19.604	212	169494	4.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.622	264	178682	4.151	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	4066	0.977	ng/uL	95
5) Pyridine	3.746	79	24721	2.257	ng/ul#	80
6) Benzaldehyde	7.005	77	33124	5.156	ng/ul	96
8) Phenol	7.052	94	62563	4.113	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	52164	4.310	ng/ul	98
12) 2-Chlorophenol	7.422	128	51899	4.193	ng/ul	98
13) 2-Methylphenol	8.311	108	44303	3.697	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.399	45	60271	5.051	ng/ul	97
16) Acetophenone	8.693	105	74281	4.019	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.669	70	30914	3.553	ng/ul	97
18) 4-Methylphenol	8.640	108	48685	3.687	ng/ul	94
19) Hexachloroethane	8.940	117	22260	4.822	ng/ul	98
22) Nitrobenzene	9.075	77	52149	4.627	ng/ul	97
23) Isophorone	9.599	82	91446	4.000	ng/ul	98
25) 2-Nitrophenol	9.787	139	22698	3.545	ng/ul	99
26) 2,4-Dimethylphenol	9.846	107	49028	4.076	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.081	93	61498	4.169	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	40972	3.813	ng/ul	99
30) Naphthalene	10.716	128	172778	4.676	ng/ul	99
32) 4-Chloroaniline	10.840	127	61570	3.807	ng/ul	98
33) Hexachlorobutadiene	10.999	225	27489	4.322	ng/ul	100
34) Caprolactam	11.628	113	9661	2.540	ng/ul	88
35) 4-Chloro-3-methylphenol	11.963	107	40072	3.517	ng/ul	97
36) 2-Methylnaphthalene	12.334	142	104537	4.051	ng/ul	96

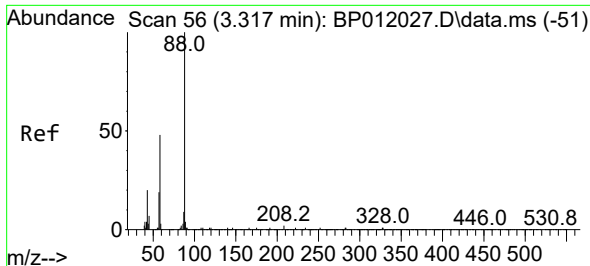
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	104760	4.046	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	51290	4.588	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	15164	2.375	ng/ul	97
41) 2,4,6-Trichlorophenol	12.946	196	28548	3.815	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	28997	3.558	ng/ul	98
43) 1,1'-Biphenyl	13.346	154	133314	4.676	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	106339	4.718	ng/ul	99
45) 2-Nitroaniline	13.599	65	17952	3.263	ng/ul	95
47) Dimethylphthalate	13.969	163	116881	4.046	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	13870	2.464	ng/ul	91
50) Acenaphthylene	14.234	152	153338	4.394	ng/ul	100
51) 3-Nitroaniline	14.428	138	15904	2.437	ng/ul#	90
52) Acenaphthene	14.575	153	113890	4.626	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	6856	1.796	ng/ul	94
55) 4-Nitrophenol	14.734	109	11126	2.887	ng/ul	97
56) Dibenzofuran	14.910	168	153772	4.560	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	22407	2.723	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.140	232	24461	3.455	ng/ul	96
59) Diethylphthalate	15.334	149	109631	3.788	ng/ul	99
61) Fluorene	15.563	166	124485	4.507	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.557	204	57101	4.176	ng/ul	99
63) 4-Nitroaniline	15.593	138	12819	2.059	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.645	198	11604	2.352	ng/ul#	94
67) N-Nitrosodiphenylamine	15.775	169	96333	4.243	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	31366	4.007	ng/ul	97
69) Hexachlorobenzene	16.569	284	37799	4.243	ng/ul	98
70) Atrazine	16.728	200	25988	3.173	ng/ul	98
71) Pentachlorophenol	16.916	266	16481	2.813	ng/ul	96
72) Phenanthrene	17.310	178	196062	4.636	ng/ul	100
74) Anthracene	17.404	178	188531	4.431	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	51727	4.870	ng/ul	97
76) Pentachlorobenzene	14.828	250	50835	4.479	ng/ul	97
77) Carbazole	17.675	167	166605	4.333	ng/ul	99
78) Di-n-butylphthalate	18.222	149	160869	3.417	ng/ul	99
80) Fluoranthene	19.281	202	208797	4.262	ng/ul	99
82) Pyrene	19.633	202	228880	4.487	ng/ul	98
83) Butylbenzylphthalate	20.504	149	69988	3.175	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	63627	3.496	ng/ul	99
85) Benzo(a)anthracene	21.339	228	227949	4.410	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.263	149	100235	3.018	ng/ul	98
87) Chrysene	21.392	228	226869	4.677	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	170525	3.108	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	241443	4.399	ng/ul	97
91) Benzo(k)fluoranthene	23.086	252	234408	4.435	ng/ul	99
93) Benzo(a)pyrene	23.669	252	211534	4.318	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.298	276	267188	4.285	ng/ul	98
95) Dibenzo(a,h)anthracene	26.321	278	243255	4.392	ng/ul	98
96) Benzo(g,h,i)perylene	27.074	276	245984	4.450	ng/ul	99

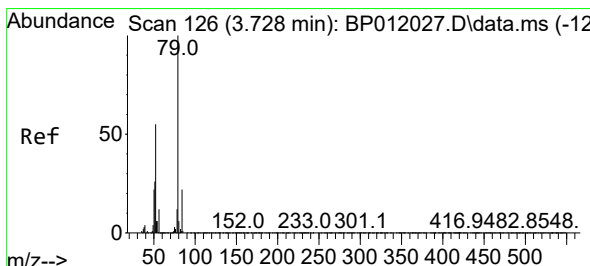
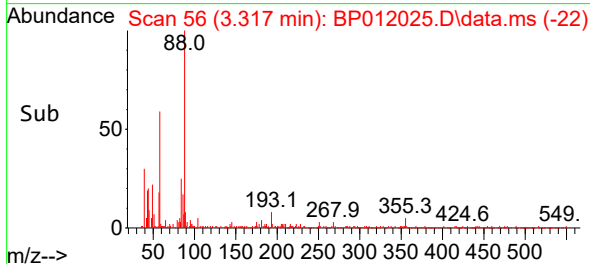
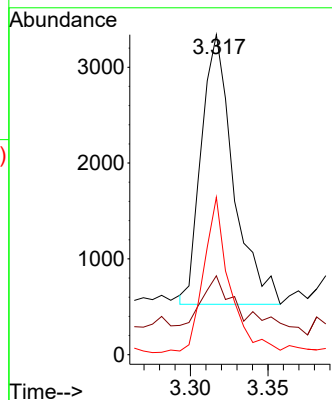
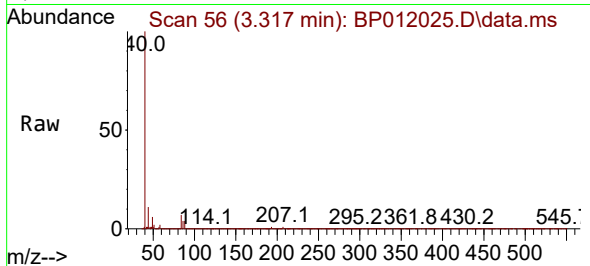
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#2
1,4-Dioxane
Concen: 0.977 ng/uL
RT: 3.317 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

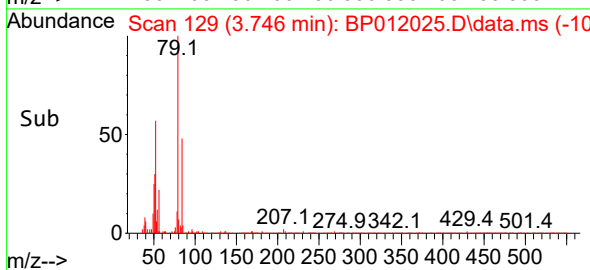
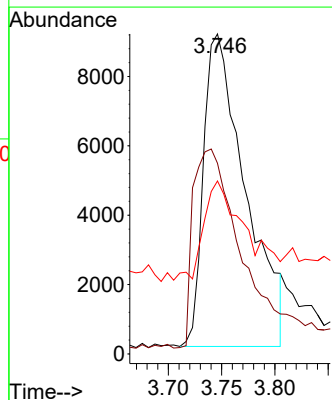
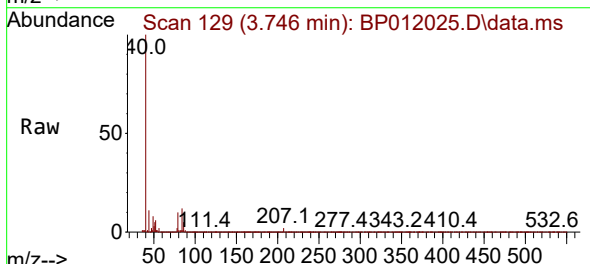
Instrument :
BNA_P
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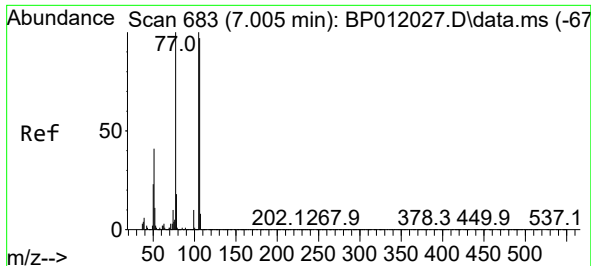
Tgt Ion:	88	Resp:	4066
Ion	Ratio	Lower	Upper
88	100		
43	24.7	17.2	25.8
58	49.2	37.4	56.0



#5
Pyridine
Concen: 2.257 ng/uL
RT: 3.746 min Scan# 129
Delta R.T. 0.018 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:	79	Resp:	24721
Ion	Ratio	Lower	Upper
79	100		
52	59.6	44.2	66.4
51	54.1	22.9	34.3

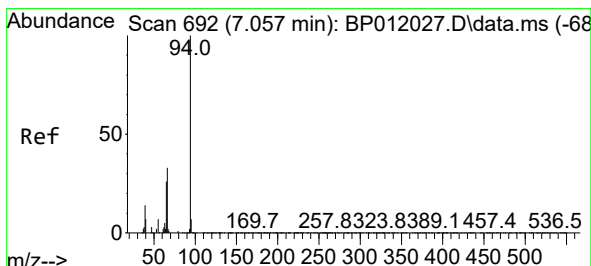
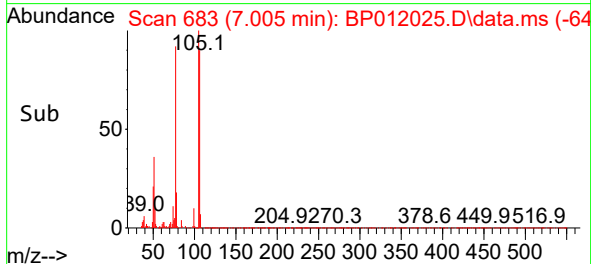
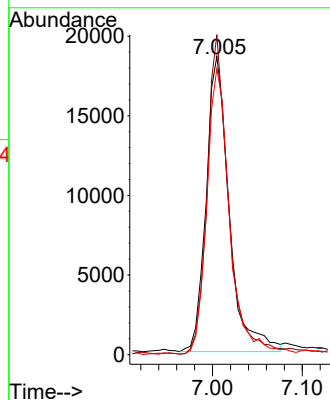
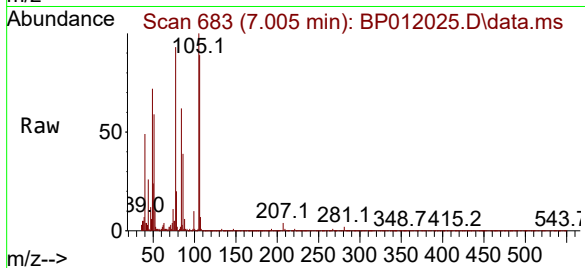




#6
Benzaldehyde
Concen: 5.156 ng/ul
RT: 7.005 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

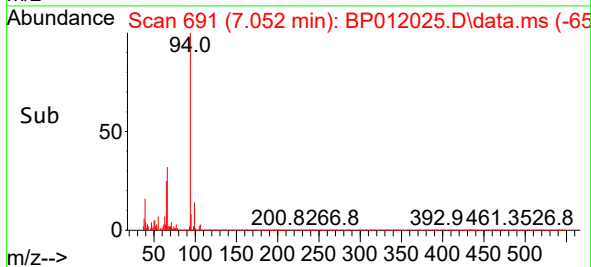
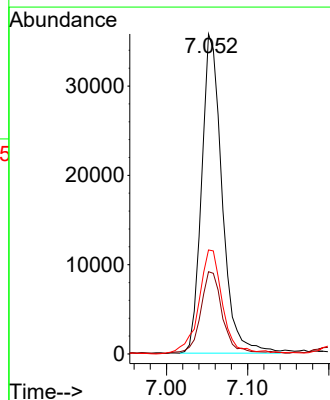
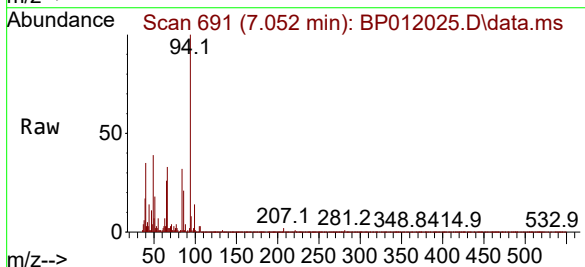
Instrument :
BNA_P
ClientSampleId :
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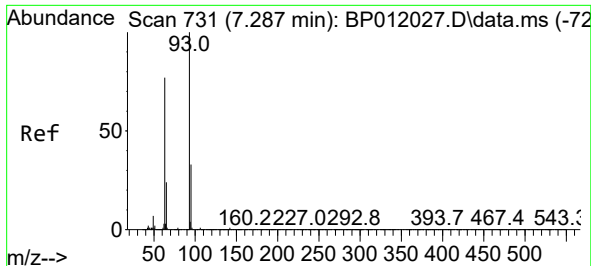
Tgt Ion: 77 Resp: 33124
Ion Ratio Lower Upper
77 100
105 107.3 79.8 119.8
106 95.9 77.6 116.4



#8
Phenol
Concen: 4.113 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion: 94 Resp: 62563
Ion Ratio Lower Upper
94 100
65 25.7 20.8 31.2
66 32.5 27.4 41.0

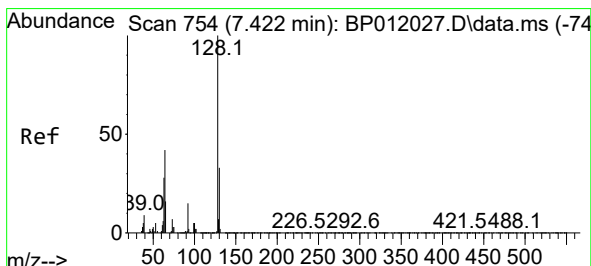
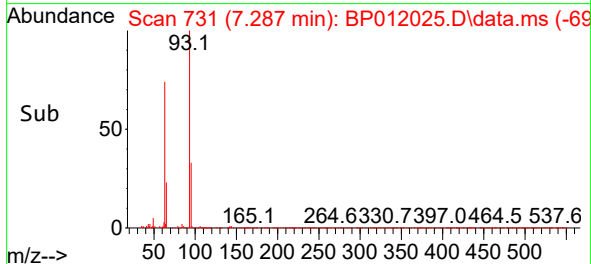
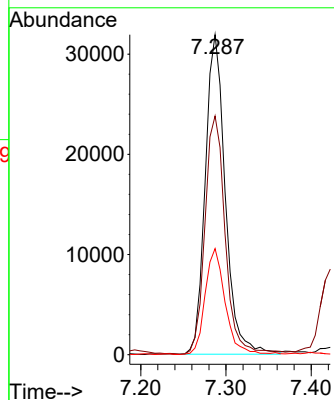
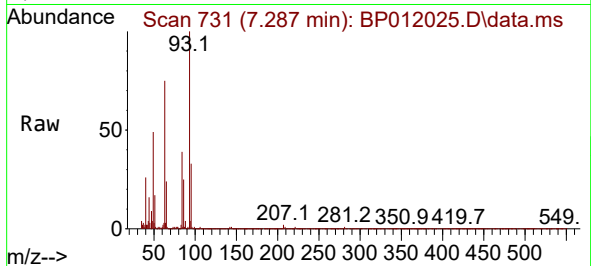




#10
Bis(2-Chloroethyl)ether
Concen: 4.310 ng/ul
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

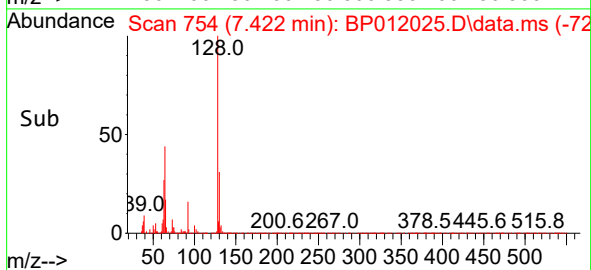
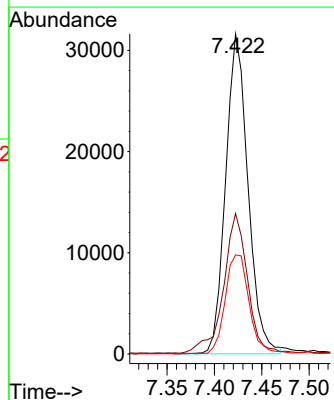
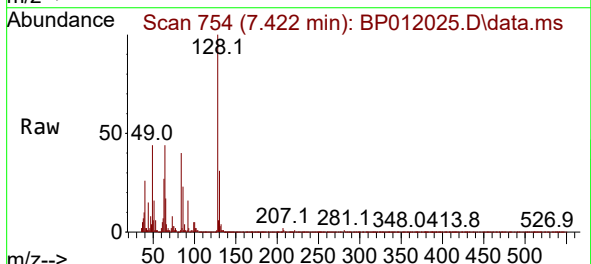
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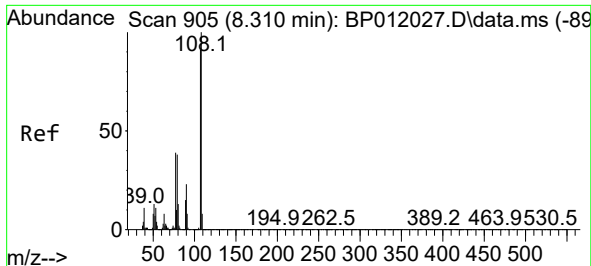
Tgt Ion: 93 Resp: 52164
Ion Ratio Lower Upper
93 100
63 74.6 61.5 92.3
95 33.1 26.6 40.0



#12
2-Chlorophenol
Concen: 4.193 ng/ul
RT: 7.422 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:128 Resp: 51899
Ion Ratio Lower Upper
128 100
64 43.9 34.9 52.3
130 31.0 26.1 39.1





#13

2-Methylphenol

Concen: 3.697 ng/ul

RT: 8.311 min Scan# 905

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

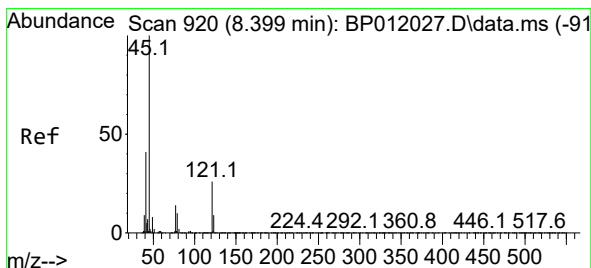
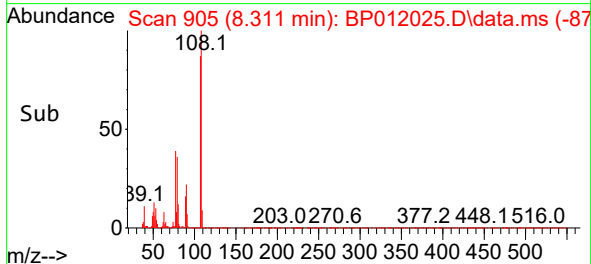
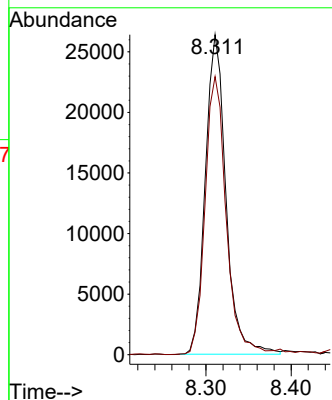
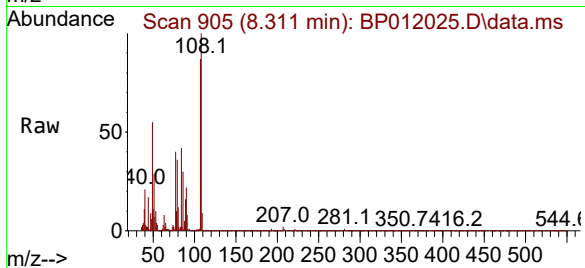
SSTD005624

Tgt Ion:108 Resp: 44303

Ion Ratio Lower Upper

108 100

107 86.9 72.4 108.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.051 ng/ul

RT: 8.399 min Scan# 920

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

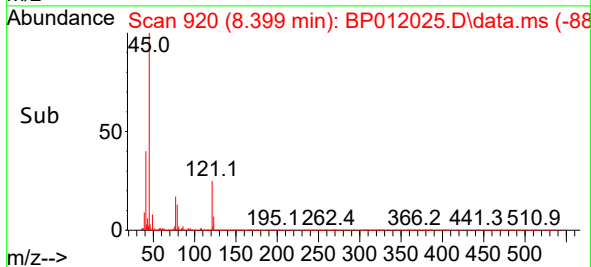
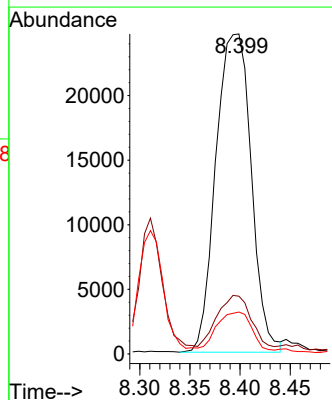
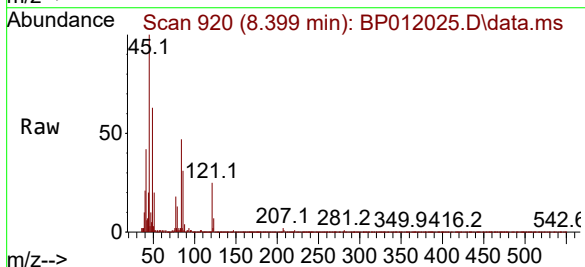
Tgt Ion: 45 Resp: 60271

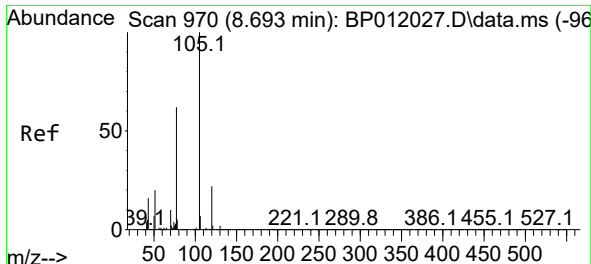
Ion Ratio Lower Upper

45 100

77 18.1 13.4 20.0

79 13.1 9.9 14.9

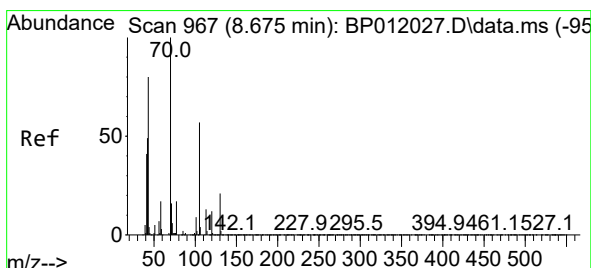
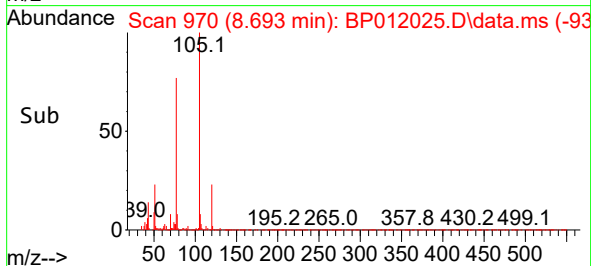
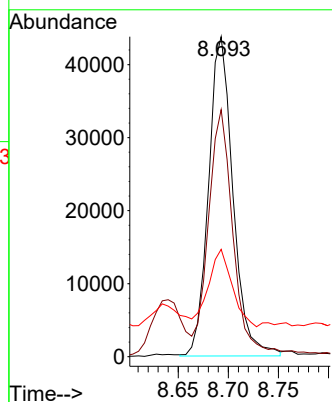
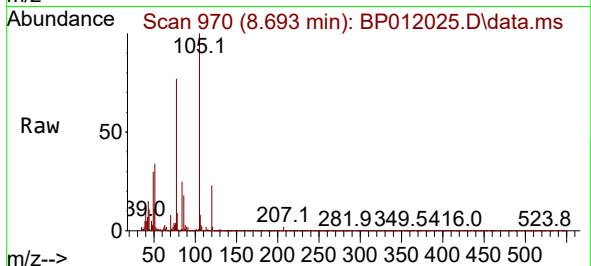




#16
Acetophenone
Concen: 4.019 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

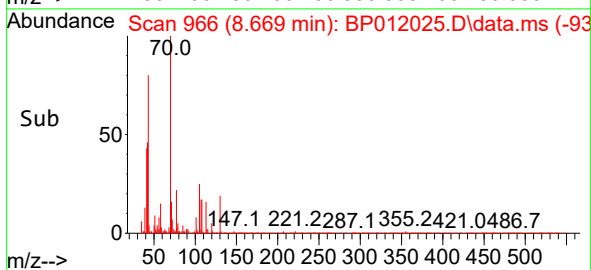
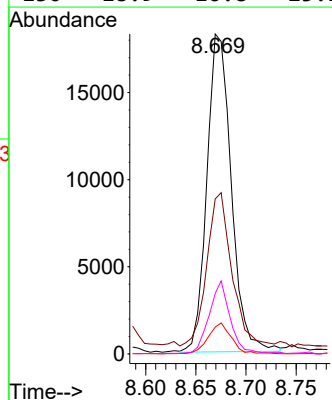
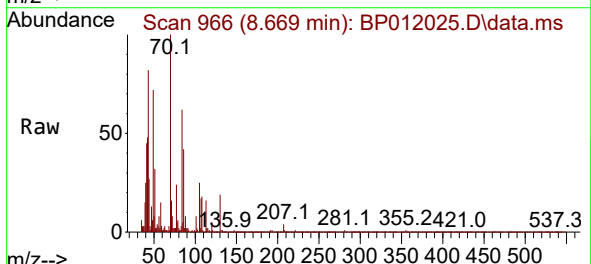
Instrument :
BNA_P
ClientSampleId :
SSTD005624

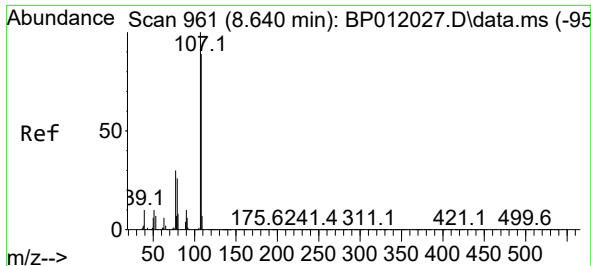
Tgt Ion:105 Resp: 74281
Ion Ratio Lower Upper
105 100
77 77.2 59.2 88.8
51 33.6 19.8 29.6#



#17
N-Nitroso-di-n-propylamine
Concen: 3.553 ng/ul
RT: 8.669 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion: 70 Resp: 30914
Ion Ratio Lower Upper
70 100
42 48.5 39.9 59.9
101 8.4 7.0 10.6
130 18.9 16.8 25.2

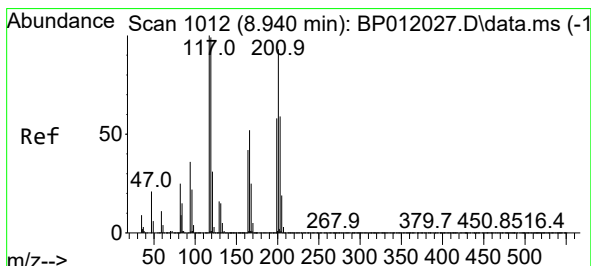
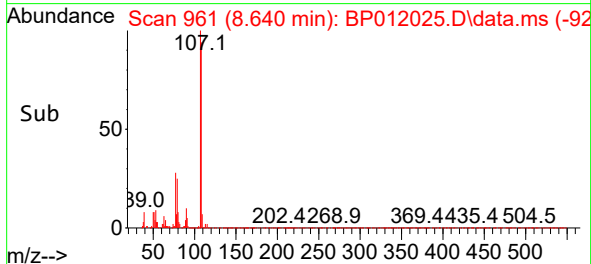
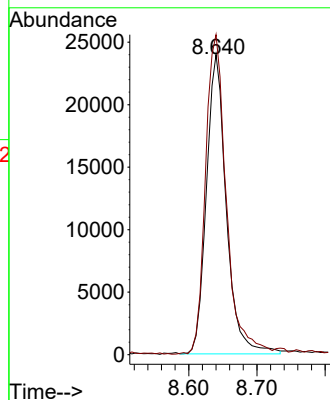
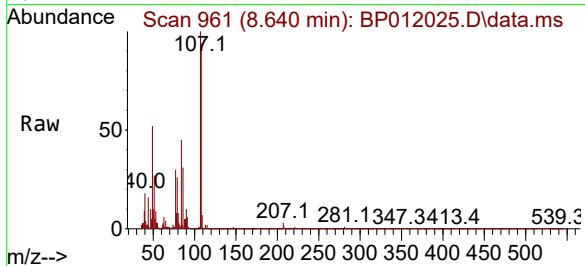




#18
4-Methylphenol
Concen: 3.687 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

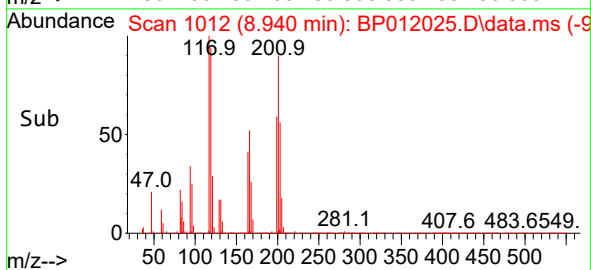
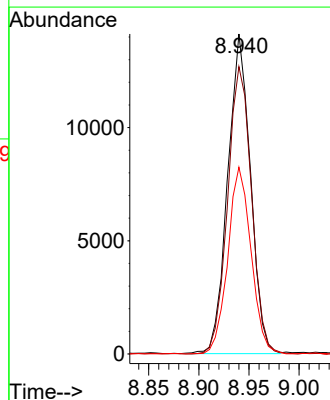
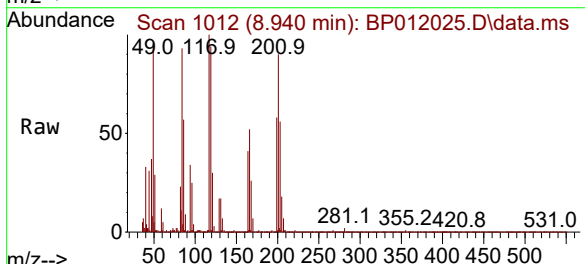
Instrument :
BNA_P
ClientSampleId :
SSTD005624

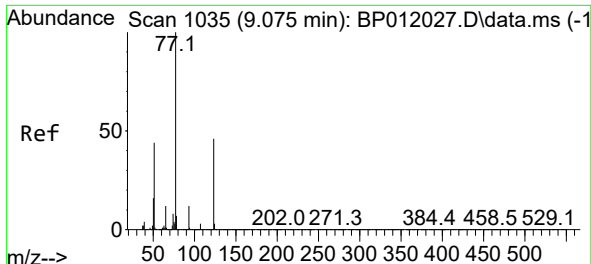
Tgt Ion:108 Resp: 48685
Ion Ratio Lower Upper
108 100
107 106.6 90.1 135.1



#19
Hexachloroethane
Concen: 4.822 ng/ul
RT: 8.940 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:117 Resp: 22260
Ion Ratio Lower Upper
117 100
201 89.8 74.2 111.4
199 58.4 46.3 69.5

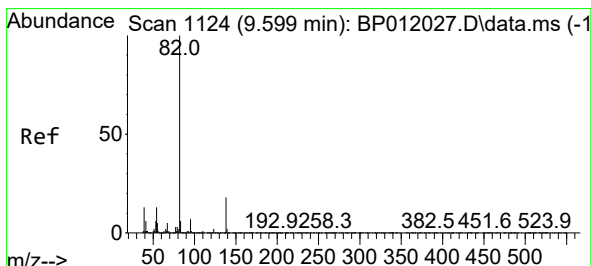
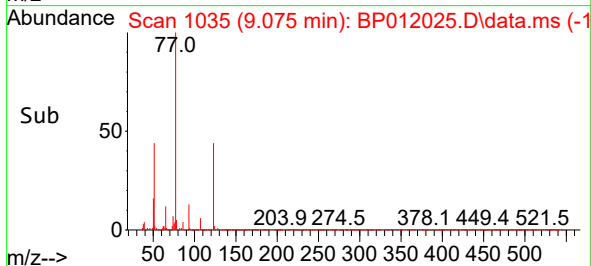
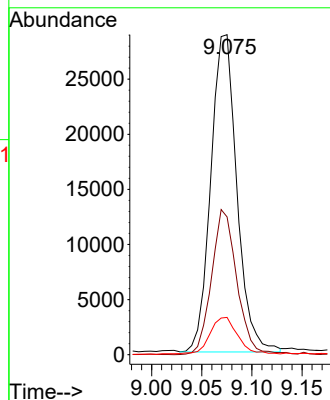
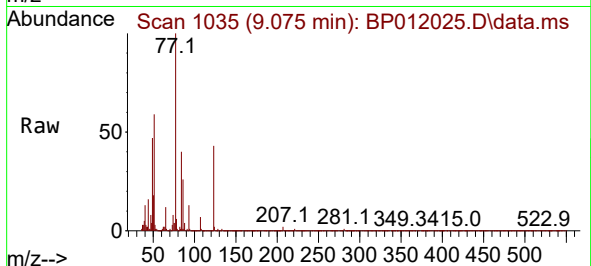




#22
Nitrobenzene
Concen: 4.627 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

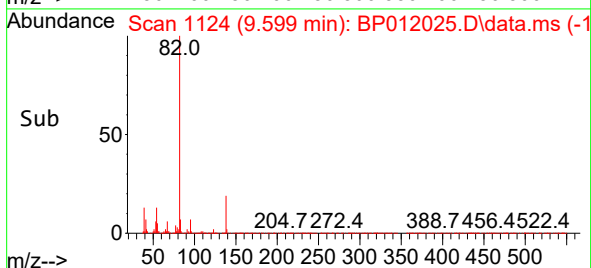
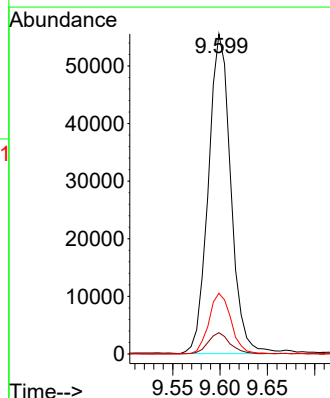
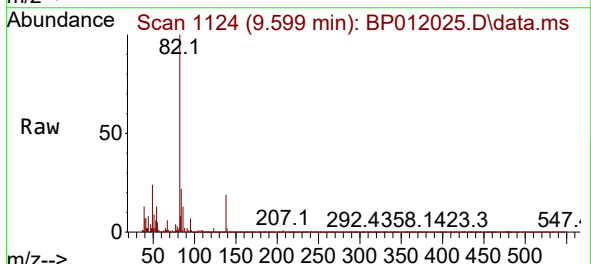
Instrument :
BNA_P
ClientSampleId :
SSTD005624

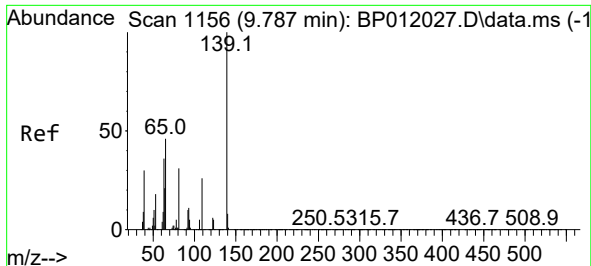
Tgt Ion: 77 Resp: 52149
Ion Ratio Lower Upper
77 100
123 43.1 36.6 54.8
65 11.6 9.6 14.4



#23
Isophorone
Concen: 4.000 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion: 82 Resp: 91446
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.0 14.4 21.6

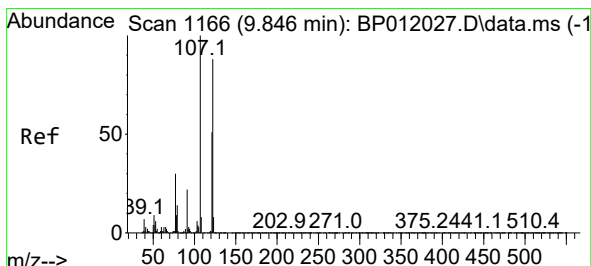
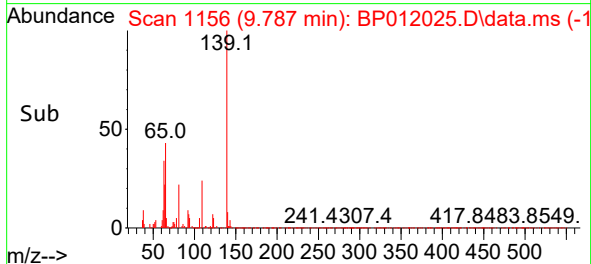
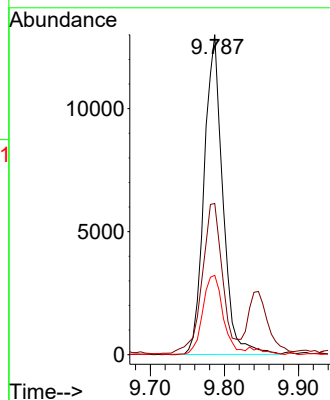
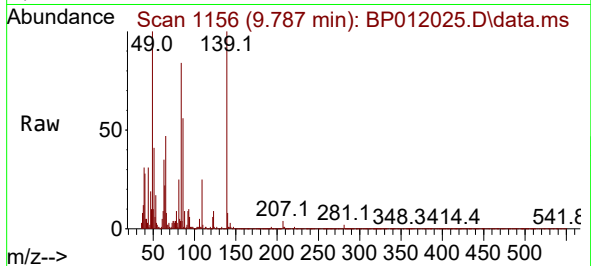




#25
2-Nitrophenol
Concen: 3.545 ng/ul
RT: 9.787 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

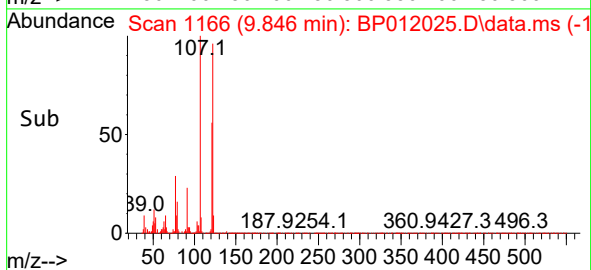
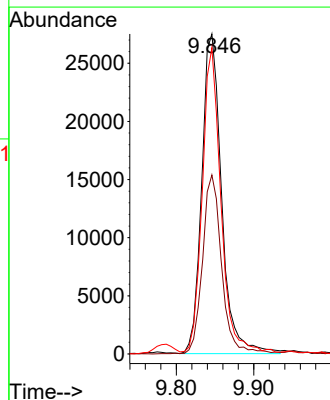
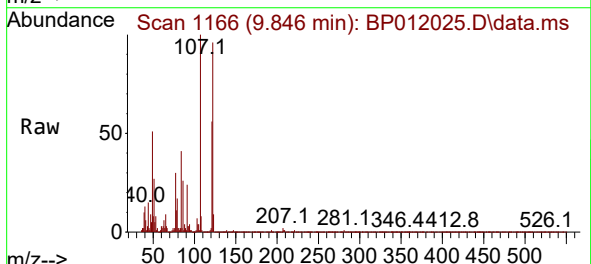
Instrument :
BNA_P
ClientSampleId :
SSTD005624

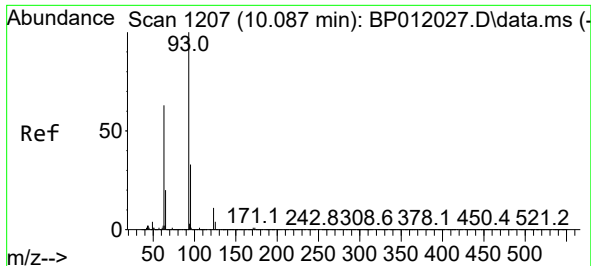
Tgt Ion:139 Resp: 22698
Ion Ratio Lower Upper
139 100
65 47.3 37.7 56.5
109 24.8 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 4.076 ng/ul
RT: 9.846 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:107 Resp: 49028
Ion Ratio Lower Upper
107 100
121 56.0 41.1 61.7
122 95.7 71.1 106.7

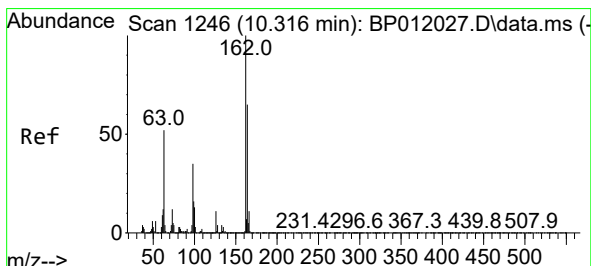
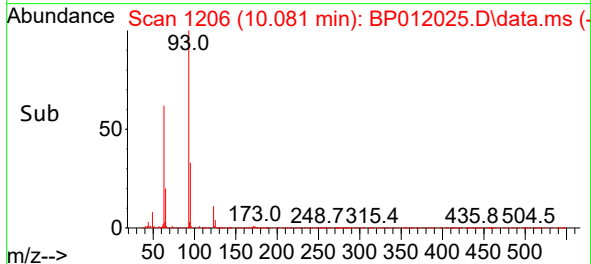
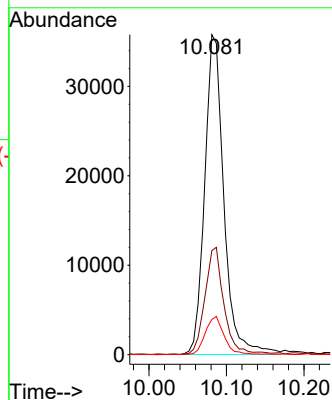
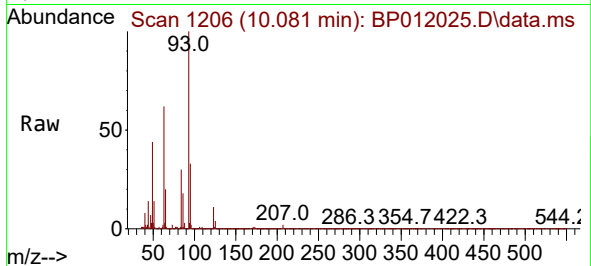




#27
Bis(2-Chloroethoxy)methane
Concen: 4.169 ng/ul
RT: 10.081 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

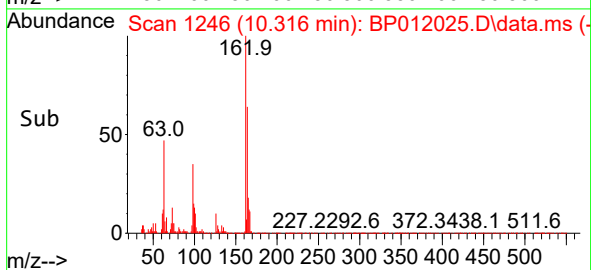
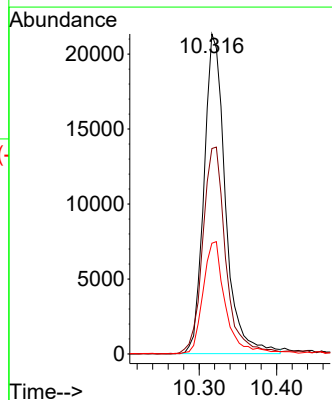
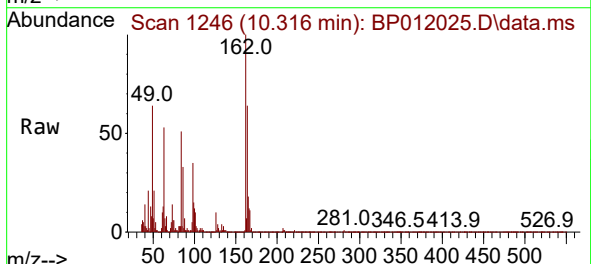
Instrument :
BNA_P
ClientSampleId :
SSTD005624

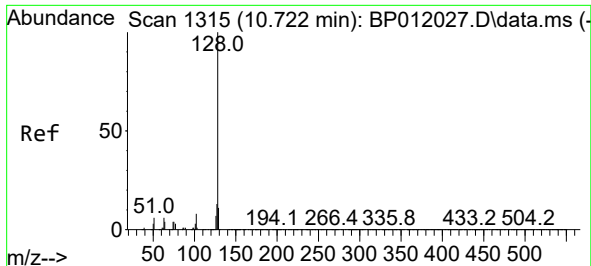
Tgt Ion: 93 Resp: 61498
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.0 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 3.813 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion: 162 Resp: 40972
Ion Ratio Lower Upper
162 100
164 64.2 52.5 78.7
98 34.6 27.9 41.9

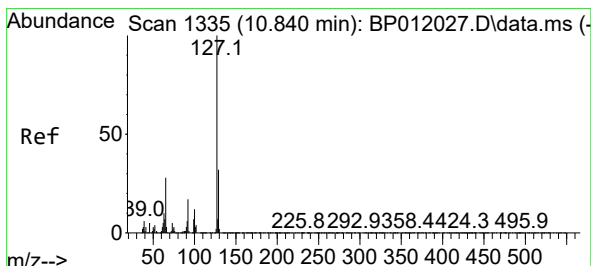
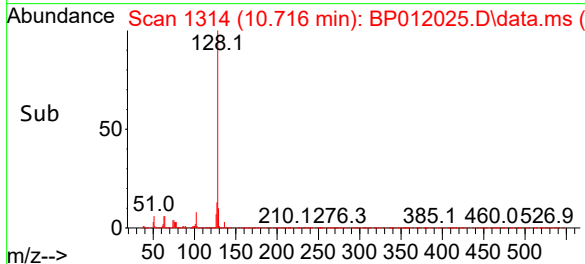
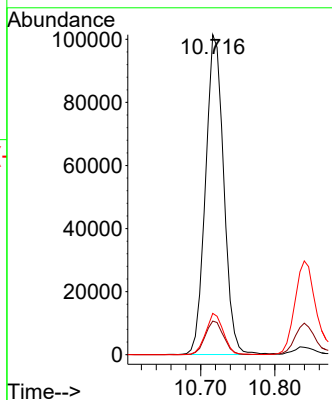
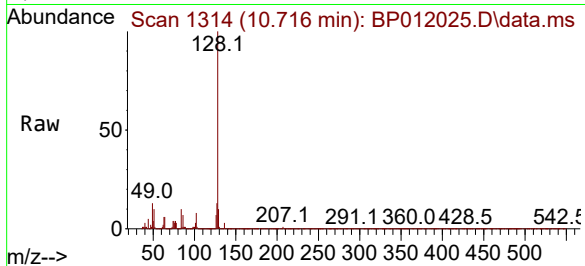




#30
Naphthalene
Concen: 4.676 ng/ul
RT: 10.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

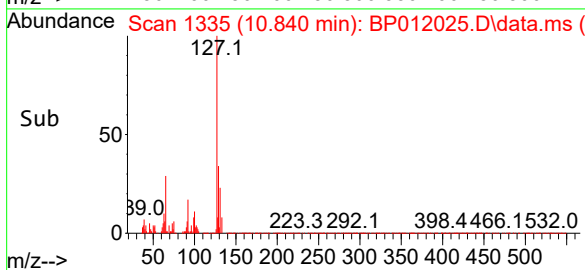
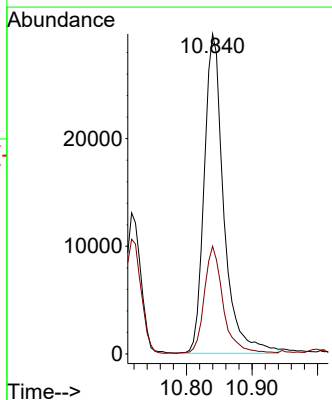
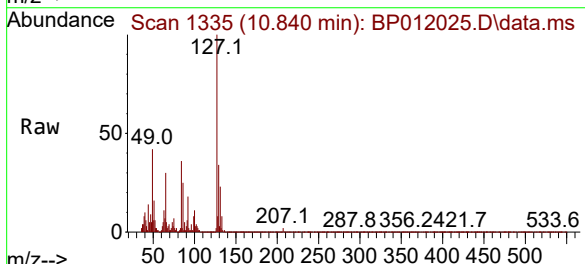
Instrument :
BNA_P
ClientSampleId :
SSTD005624

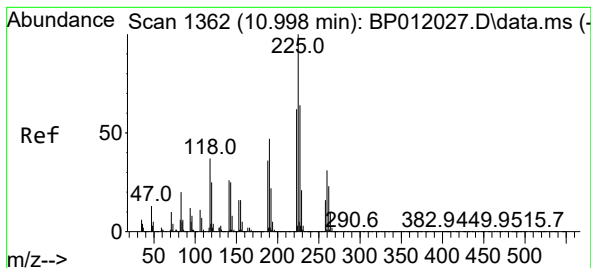
Tgt Ion:128 Resp: 172778
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 3.807 ng/ul
RT: 10.840 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:127 Resp: 61570
Ion Ratio Lower Upper
127 100
129 33.6 25.8 38.8





#33

Hexachlorobutadiene

Concen: 4.322 ng/ul

RT: 10.999 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

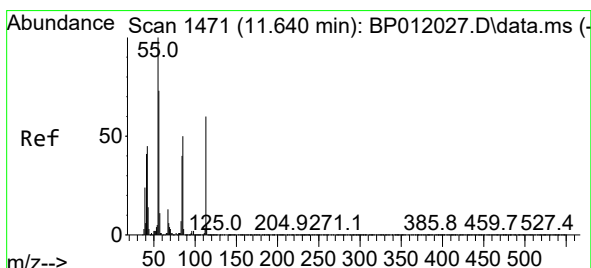
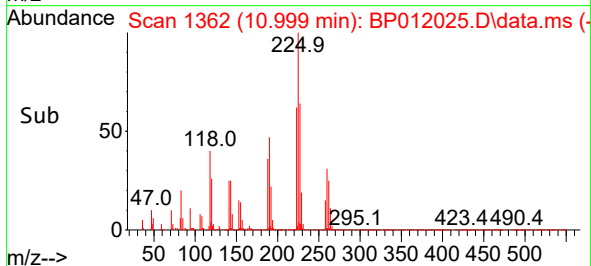
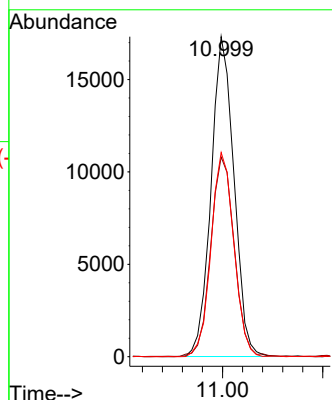
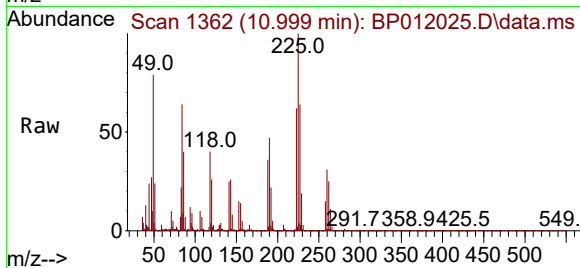
Tgt Ion:225 Resp: 27489

Ion Ratio Lower Upper

225 100

223 62.4 49.8 74.8

227 63.8 51.0 76.4



#34

Caprolactam

Concen: 2.540 ng/ul

RT: 11.628 min Scan# 1469

Delta R.T. -0.012 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

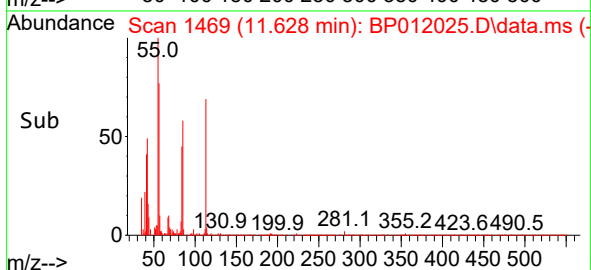
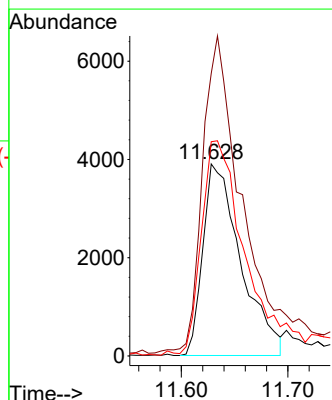
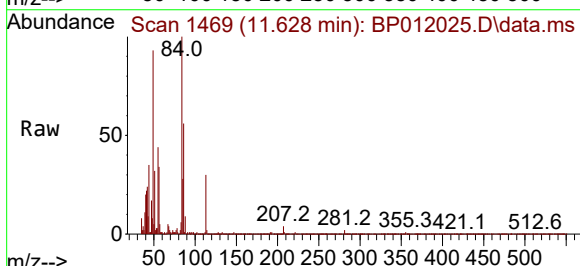
Tgt Ion:113 Resp: 9661

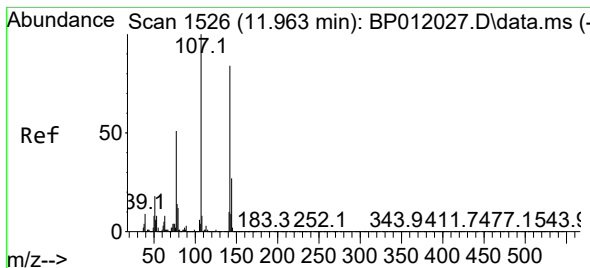
Ion Ratio Lower Upper

113 100

55 147.2 132.9 199.3

56 111.6 97.7 146.5

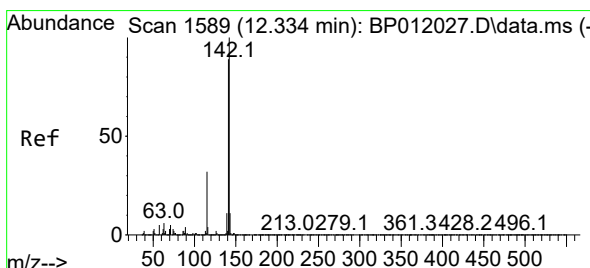
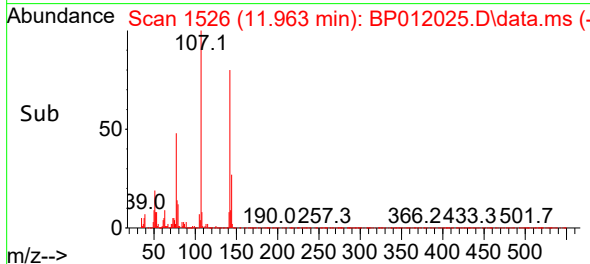
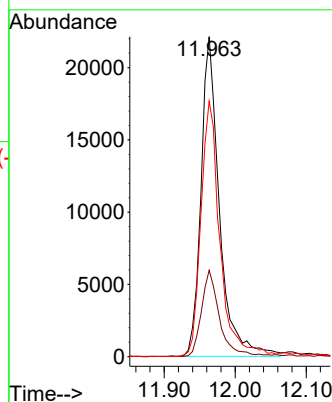
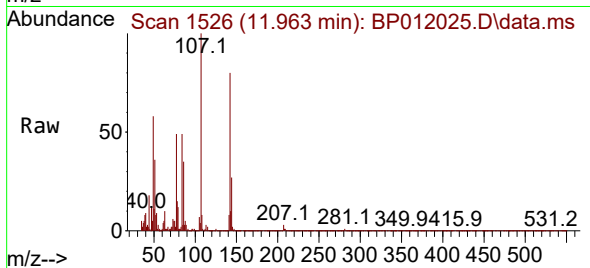




#35
4-Chloro-3-methylphenol
Concen: 3.517 ng/ul
RT: 11.963 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

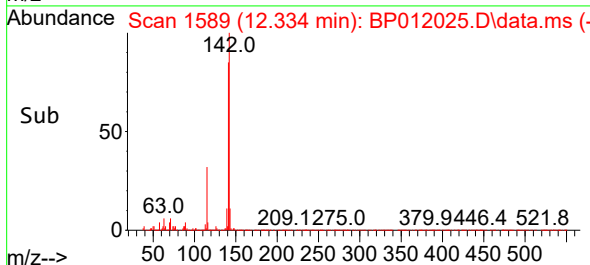
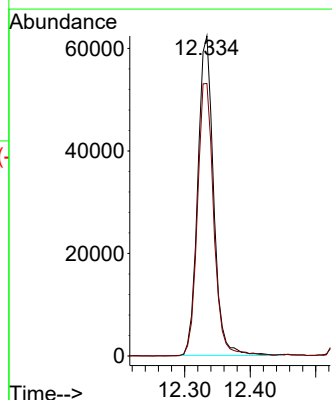
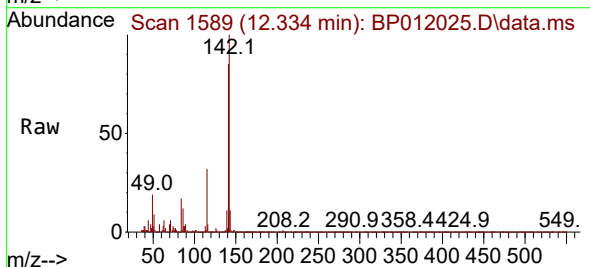
Instrument :
BNA_P
ClientSampleId :
SSTD005624

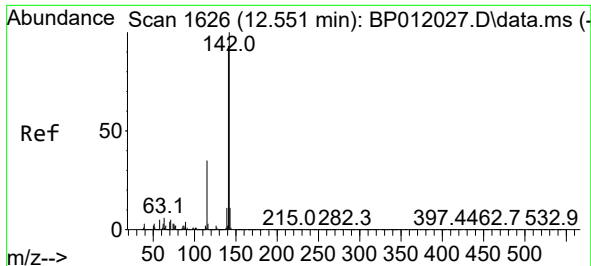
Tgt Ion:107 Resp: 40072
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.6
142 79.9 67.1 100.7



#36
2-Methylnaphthalene
Concen: 4.051 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:142 Resp: 104537
Ion Ratio Lower Upper
142 100
141 85.2 71.4 107.0

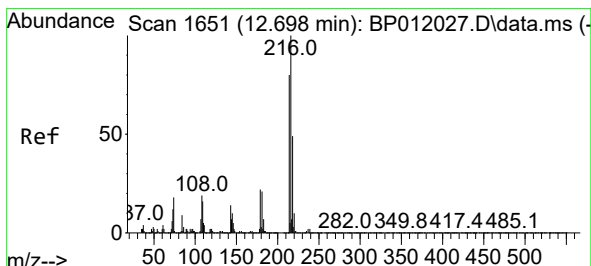
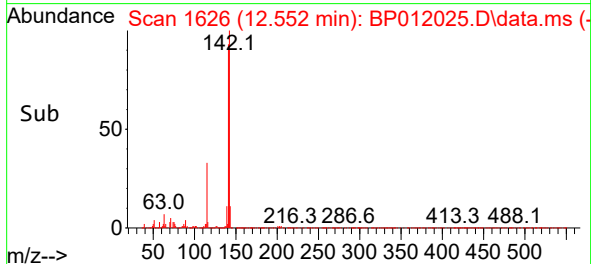
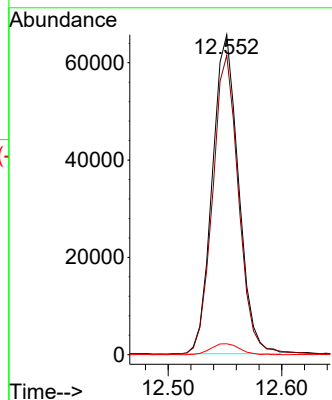
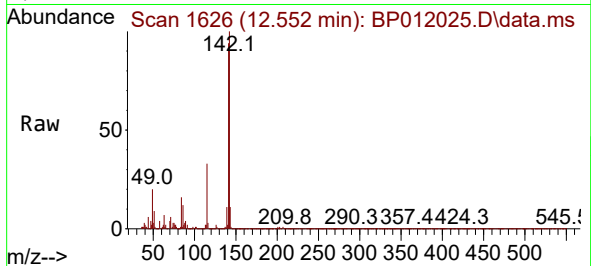




#37
1-Methylnaphthalene
Concen: 4.046 ng/ul
RT: 12.552 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

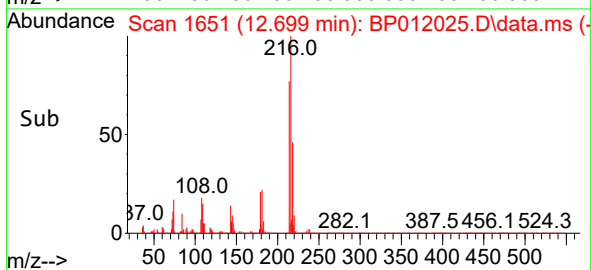
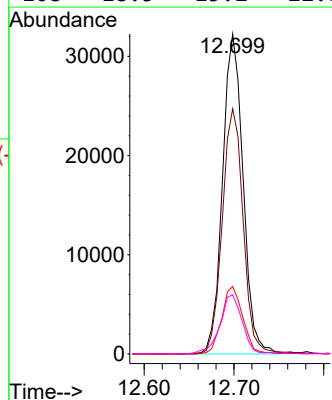
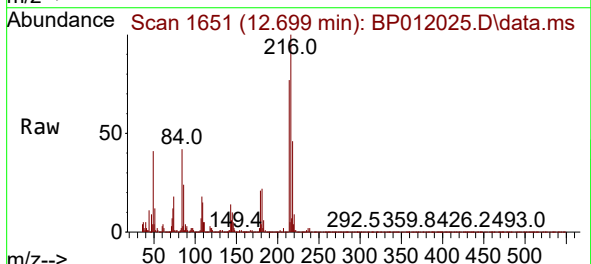
Instrument :
BNA_P
ClientSampleId :
SSTD005624

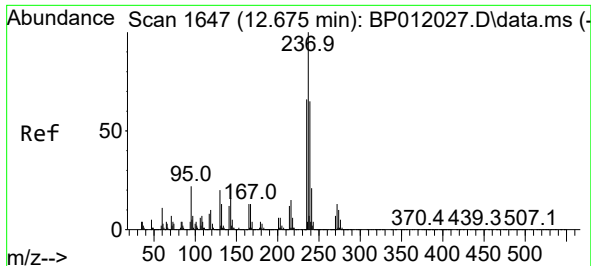
Tgt Ion:142 Resp: 104760
Ion Ratio Lower Upper
142 100
141 93.5 74.3 111.5
116 3.4 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.588 ng/ul
RT: 12.699 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:216 Resp: 51290
Ion Ratio Lower Upper
216 100
214 76.6 63.8 95.6
179 21.1 17.3 25.9
108 18.5 15.2 22.8

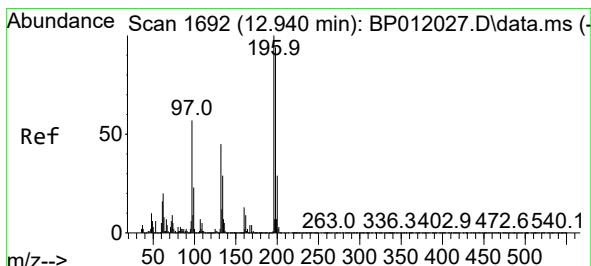
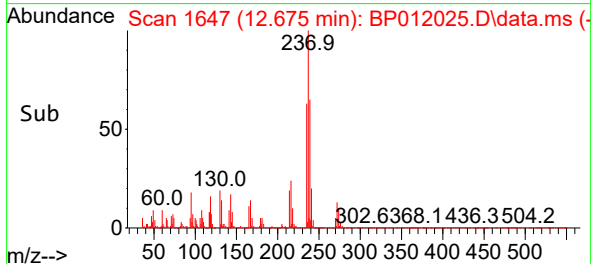
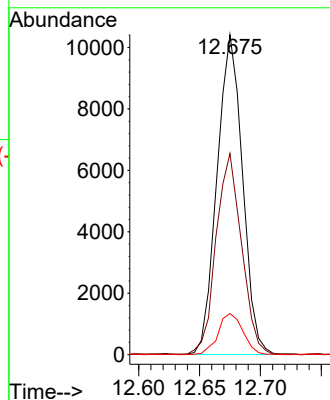
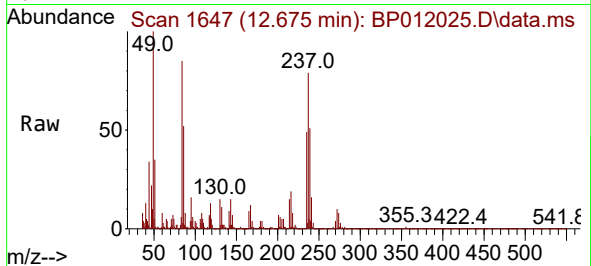




#40
Hexachlorocyclopentadiene
Concen: 2.375 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

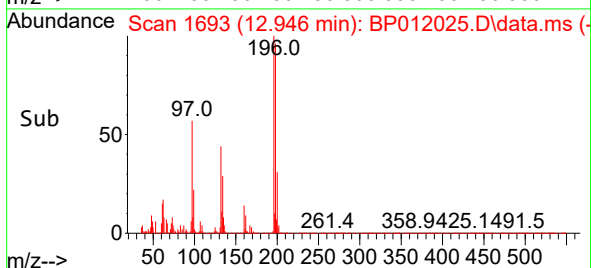
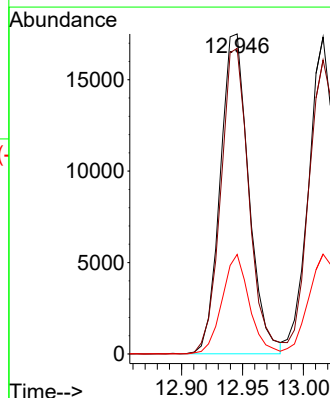
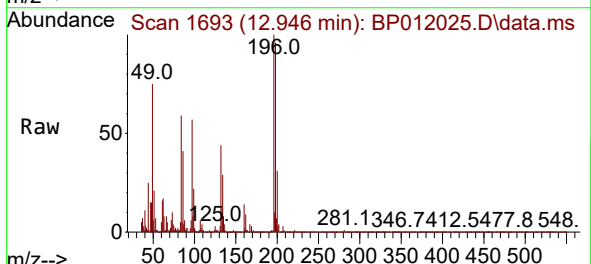
Instrument :
BNA_P
ClientSampleId :
SSTD005624

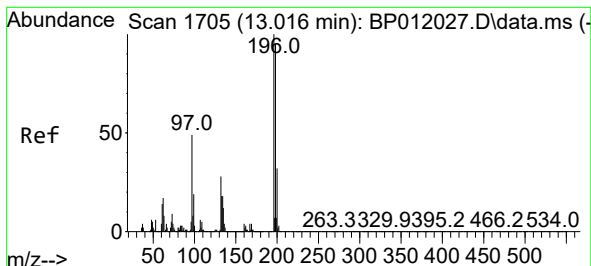
Tgt Ion:237	Resp:	15164
Ion Ratio	Lower	Upper
237	100	
235	62.9	52.4 78.6
272	12.9	10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 3.815 ng/ul
RT: 12.946 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:196	Resp:	28548
Ion Ratio	Lower	Upper
196	100	
198	95.5	75.2 112.8
200	31.1	23.4 35.2

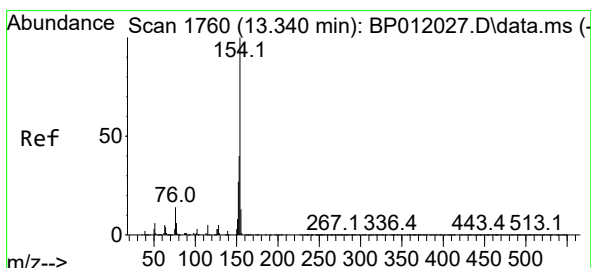
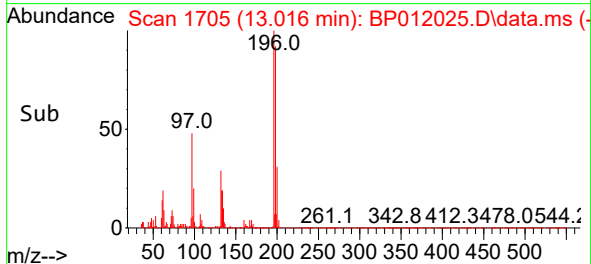
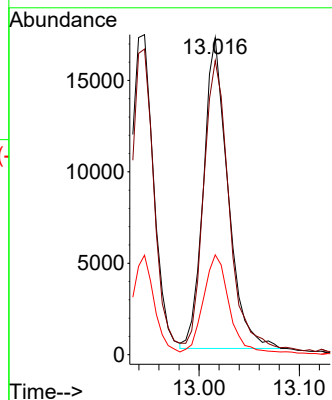
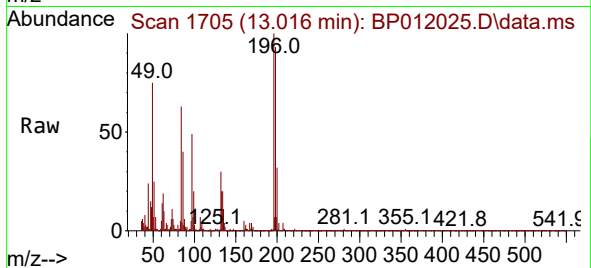




#42
2,4,5-Trichlorophenol
Concen: 3.558 ng/ul
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

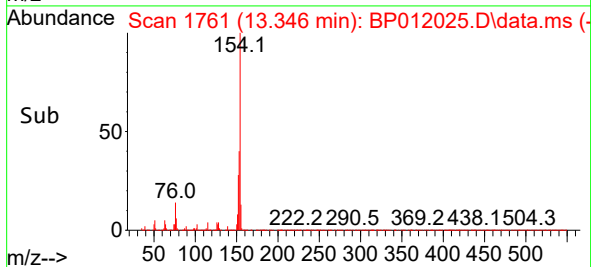
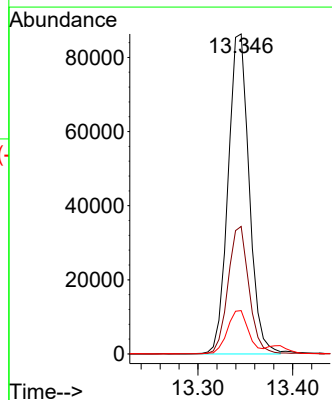
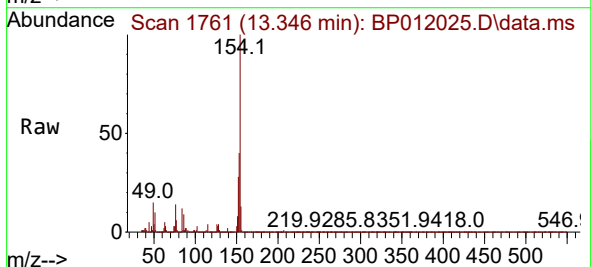
Instrument :
BNA_P
ClientSampleId :
SSTD005624

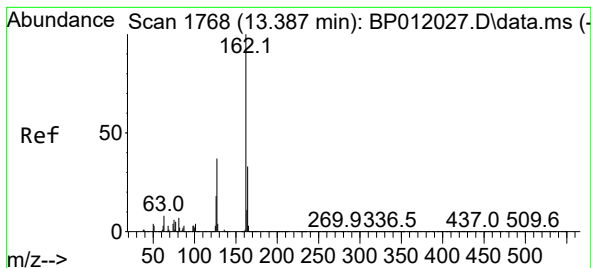
Tgt Ion:196	Resp:	28997
Ion Ratio	Lower	Upper
196	100	
198	92.8	76.5 114.7
200	31.5	25.3 37.9



#43
1,1'-Biphenyl
Concen: 4.676 ng/ul
RT: 13.346 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:154	Resp:	133314
Ion Ratio	Lower	Upper
154	100	
153	39.8	31.8 47.8
76	13.6	10.9 16.3





#44

2-Chloronaphthalene

Concen: 4.718 ng/ul

RT: 13.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

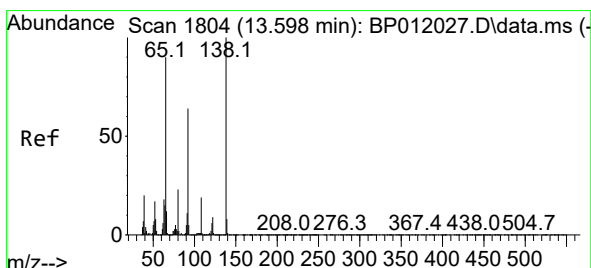
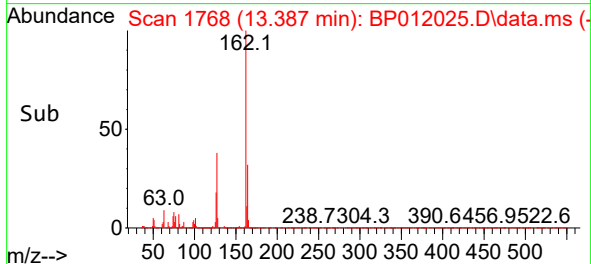
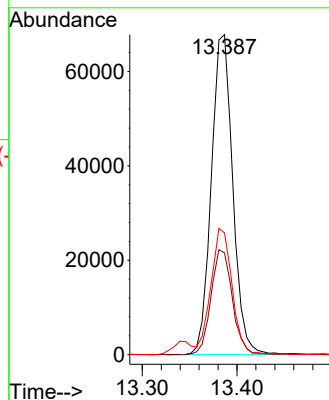
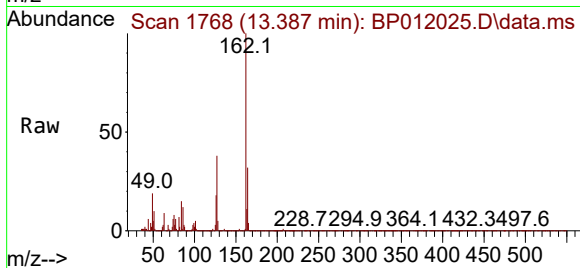
Tgt Ion:162 Resp: 106339

Ion Ratio Lower Upper

162 100

164 31.8 26.1 39.1

127 38.0 30.2 45.2



#45

2-Nitroaniline

Concen: 3.263 ng/ul

RT: 13.599 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

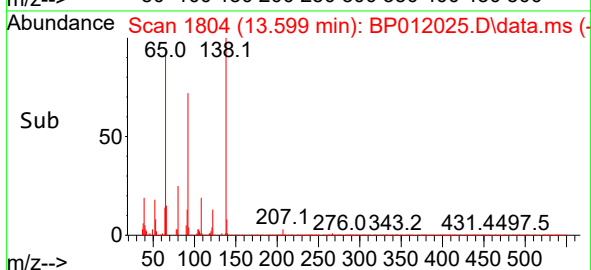
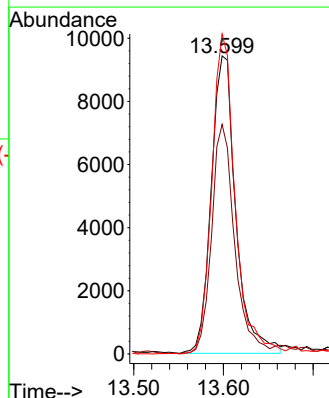
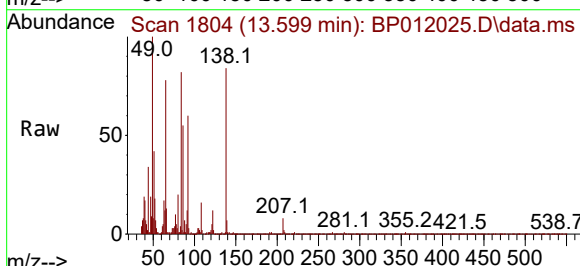
Tgt Ion: 65 Resp: 17952

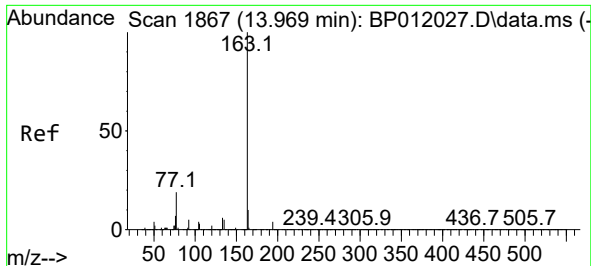
Ion Ratio Lower Upper

65 100

92 77.0 57.3 85.9

138 107.3 88.8 133.2

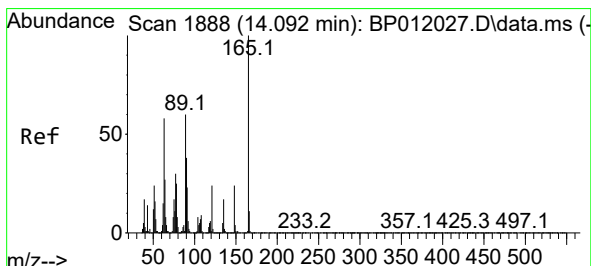
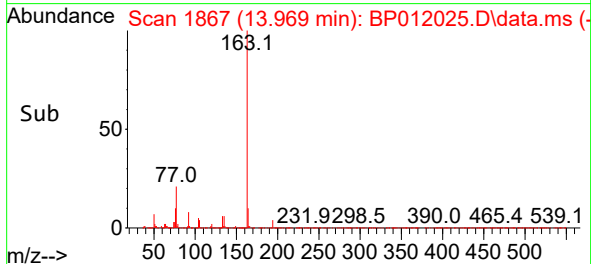
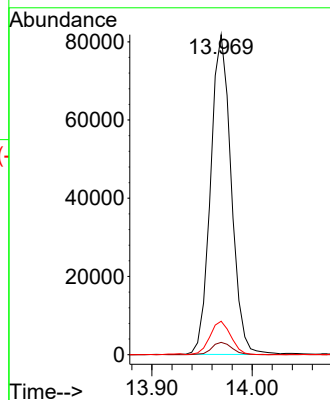
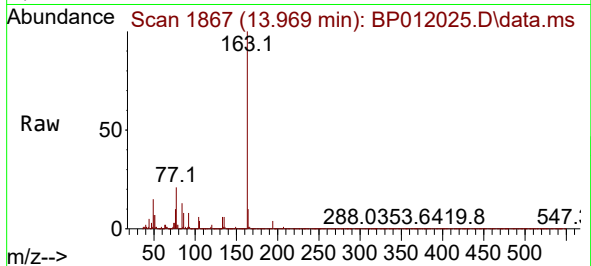




#47
Dimethylphthalate
Concen: 4.046 ng/ul
RT: 13.969 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

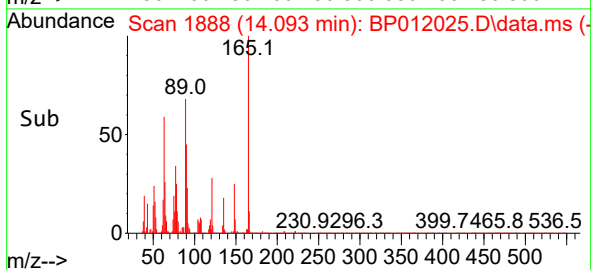
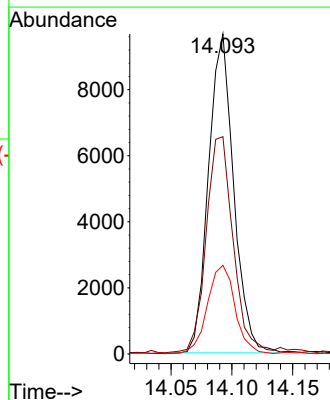
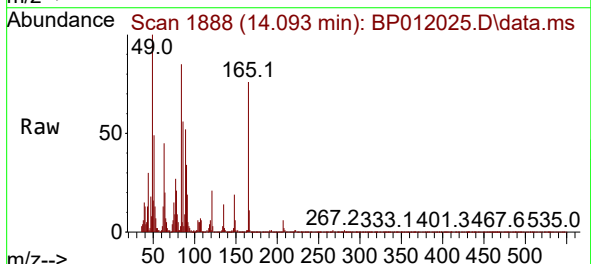
Instrument :
BNA_P
ClientSampleId :
SSTD005624

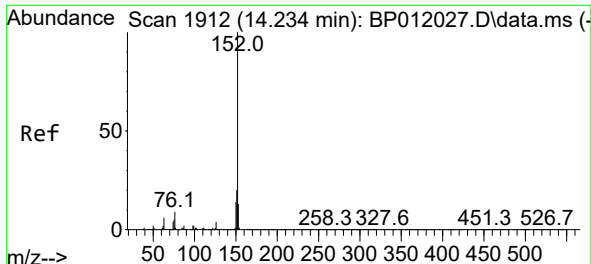
Tgt Ion:163 Resp: 116881
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 2.464 ng/ul
RT: 14.093 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:165 Resp: 13870
Ion Ratio Lower Upper
165 100
89 67.9 48.2 72.2
121 27.7 19.3 28.9

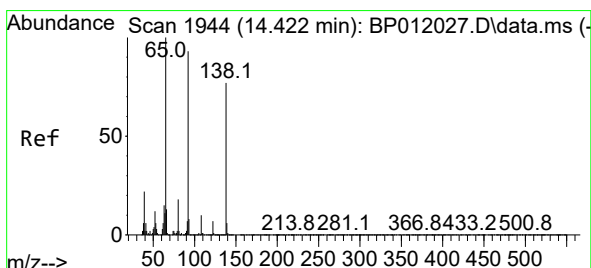
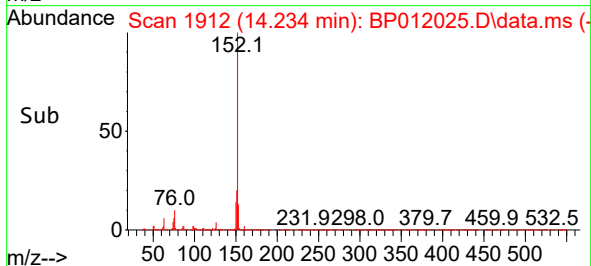
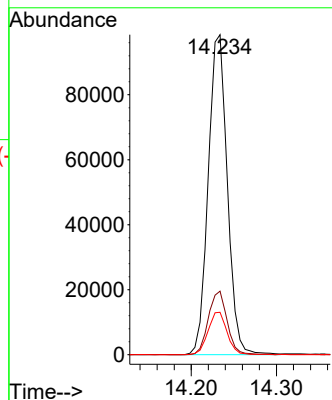
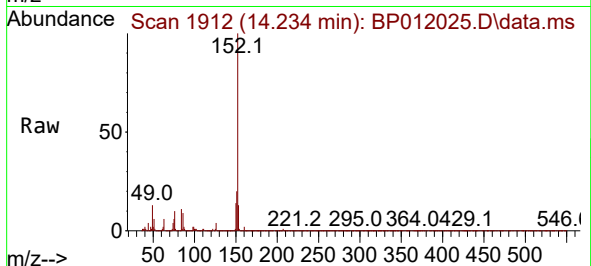




#50
Acenaphthylene
Concen: 4.394 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

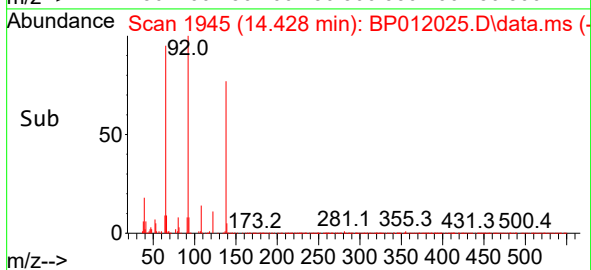
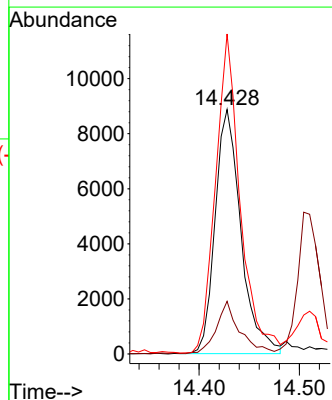
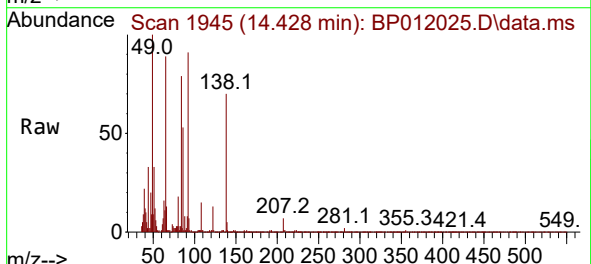
Instrument :
BNA_P
ClientSampleId :
SSTD005624

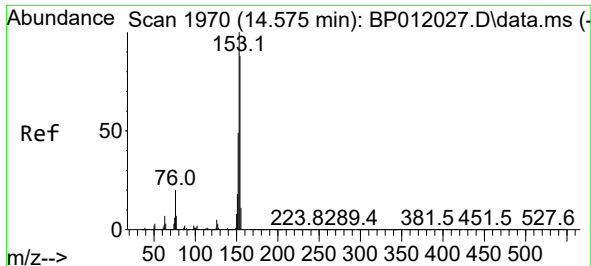
Tgt Ion:152 Resp: 153338
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.3 10.5 15.7



#51
3-Nitroaniline
Concen: 2.437 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:138 Resp: 15904
Ion Ratio Lower Upper
138 100
108 21.5 10.2 15.4#
92 130.9 96.6 144.8

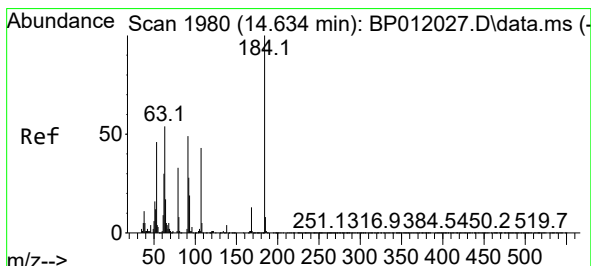
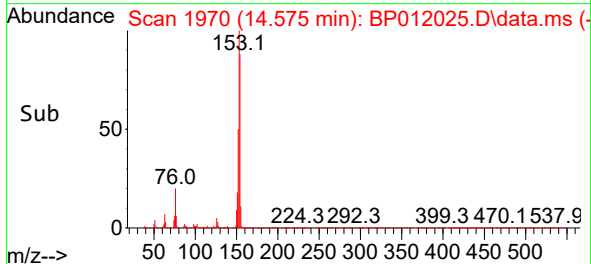
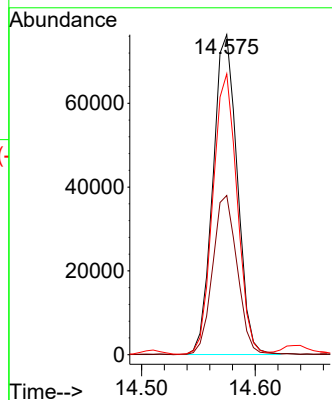
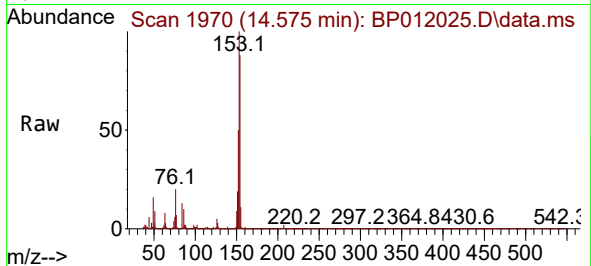




#52
Acenaphthene
Concen: 4.626 ng/ul
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

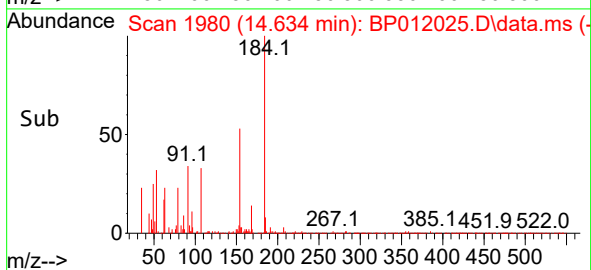
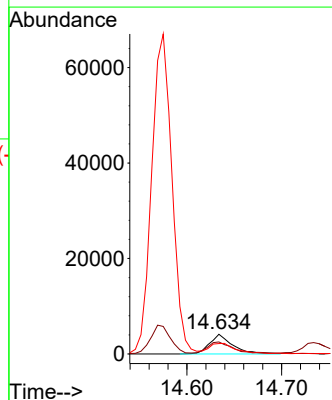
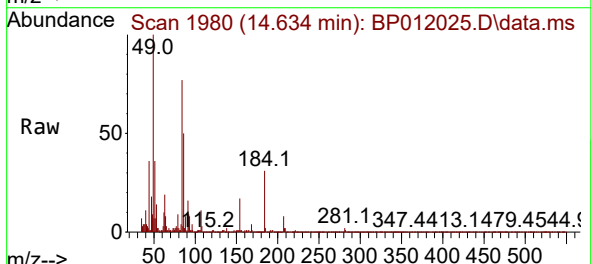
Instrument :
BNA_P
ClientSampleId :
SSTD005624

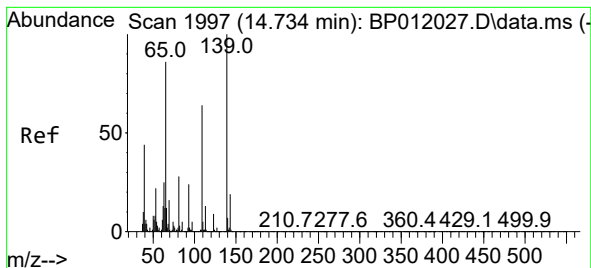
Tgt Ion:153 Resp: 113890
Ion Ratio Lower Upper
153 100
152 49.8 39.2 58.8
154 87.8 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 1.796 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:184 Resp: 6856
Ion Ratio Lower Upper
184 100
63 61.0 52.0 78.0
154 52.8 46.6 70.0

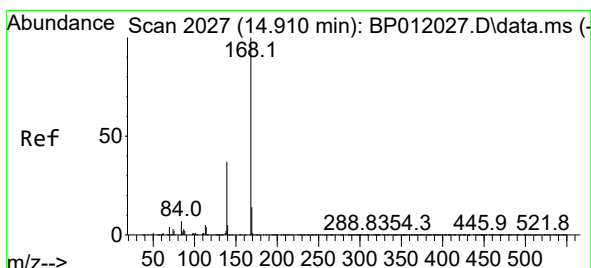
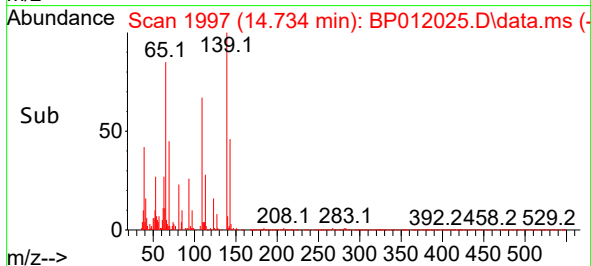
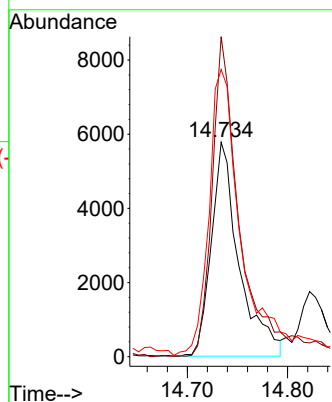
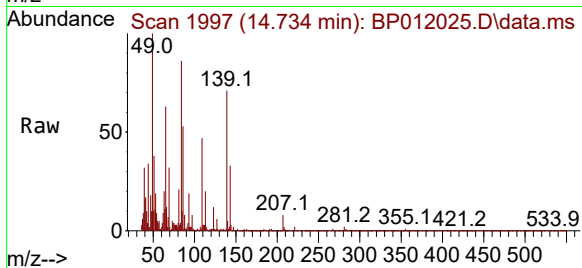




#55
4-Nitrophenol
Concen: 2.887 ng/ul
RT: 14.734 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

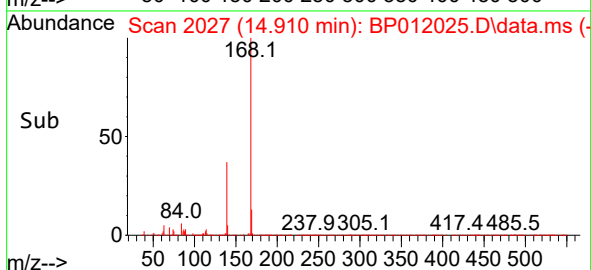
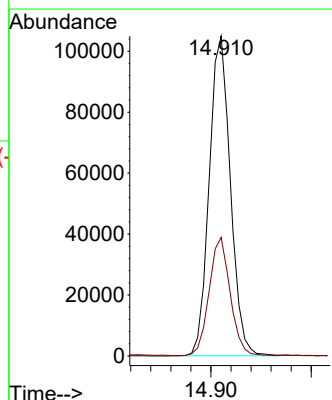
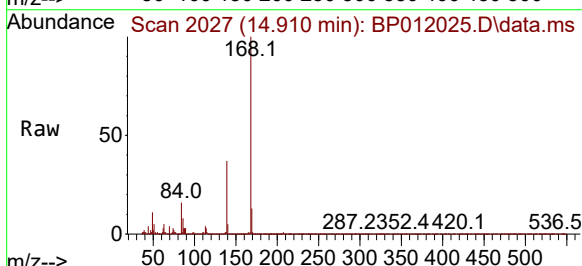
Instrument :
BNA_P
ClientSampleId :
SSTD005624

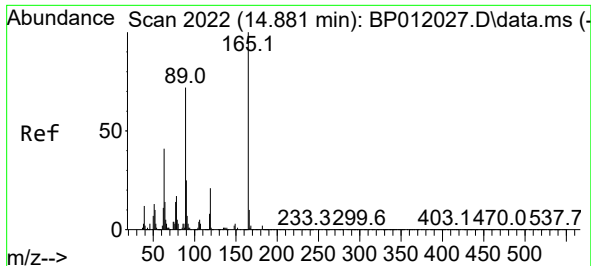
Tgt Ion:109 Resp: 11126
Ion Ratio Lower Upper
109 100
139 149.3 124.5 186.7
65 134.0 107.8 161.6



#56
Dibenzofuran
Concen: 4.560 ng/ul
RT: 14.910 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:168 Resp: 153772
Ion Ratio Lower Upper
168 100
139 37.1 30.0 45.0





#57

2,4-Dinitrotoluene

Concen: 2.723 ng/ul

RT: 14.881 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

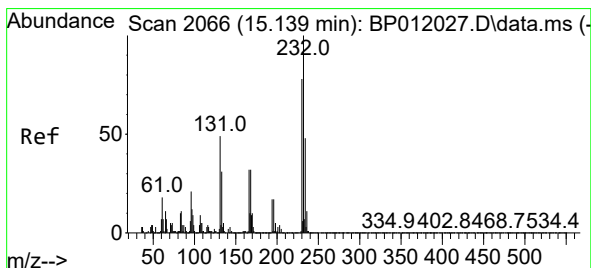
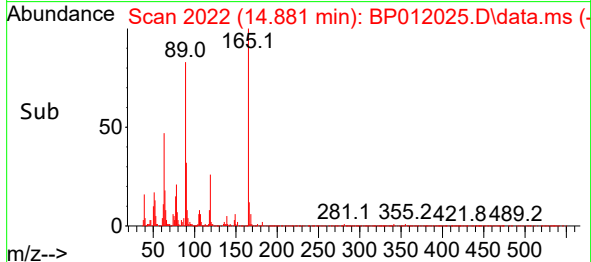
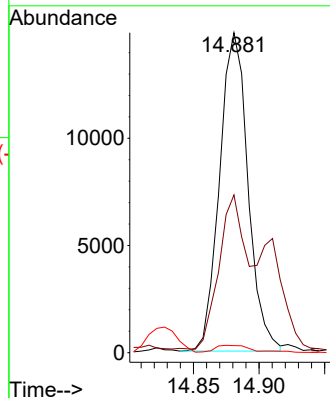
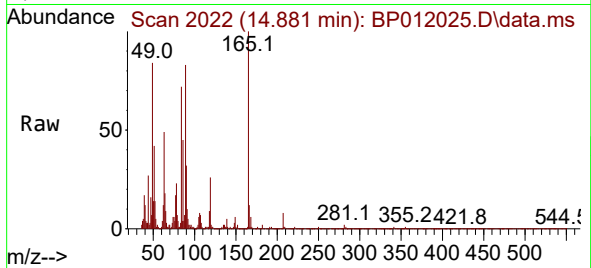
Tgt Ion:165 Resp: 22407

Ion Ratio Lower Upper

165 100

63 49.3 32.9 49.3

182 2.2 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.455 ng/ul

RT: 15.140 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Tgt Ion:232 Resp: 24461

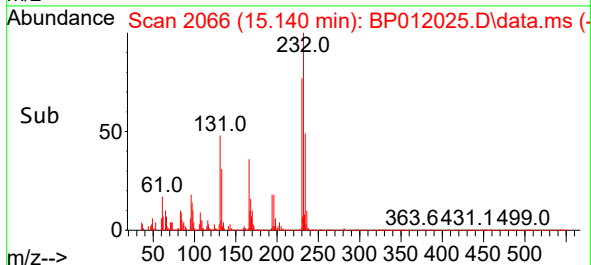
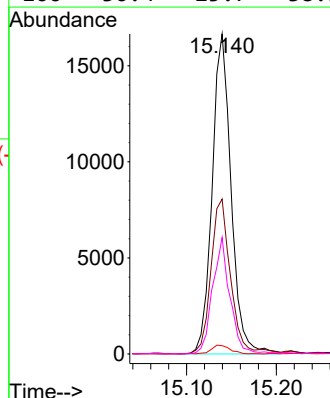
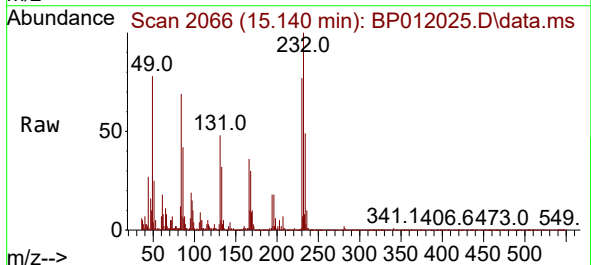
Ion Ratio Lower Upper

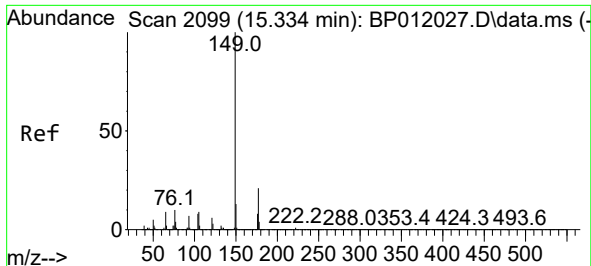
232 100

131 48.4 39.3 58.9

130 2.6 1.8 2.8

166 36.4 25.7 38.5

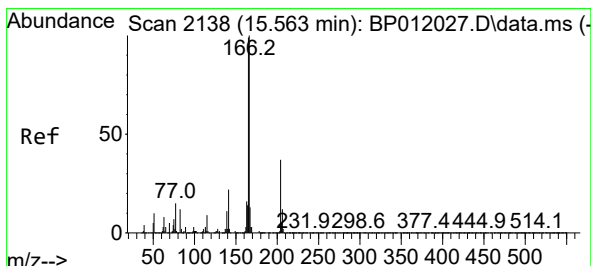
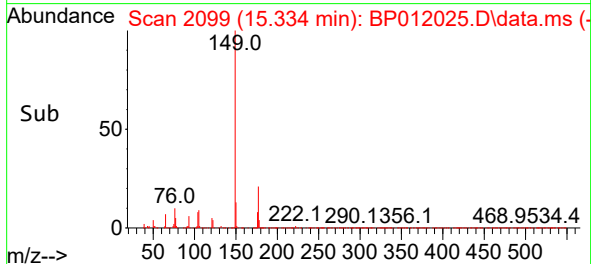
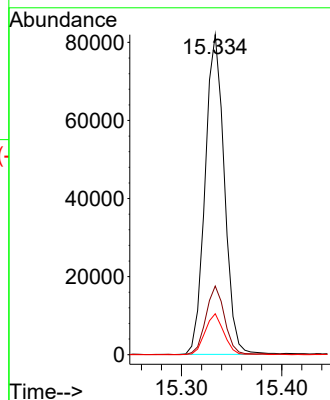
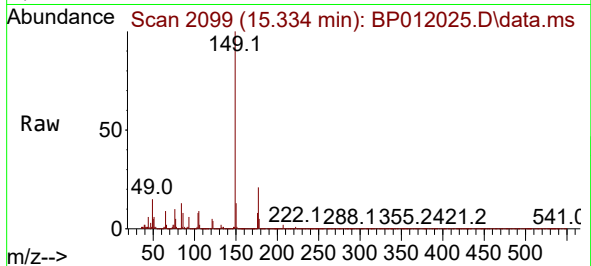




#59
Diethylphthalate
Concen: 3.788 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

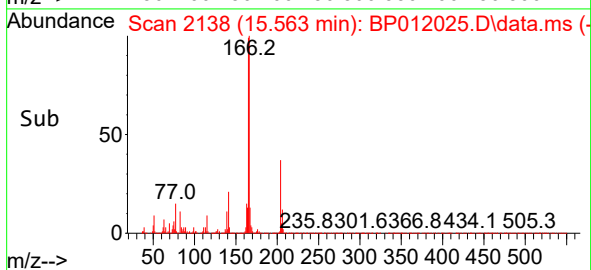
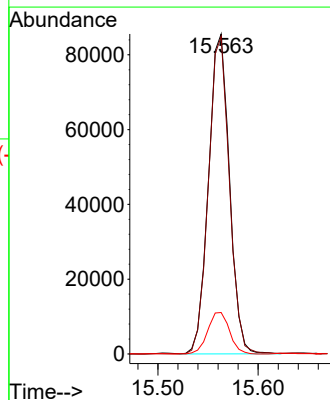
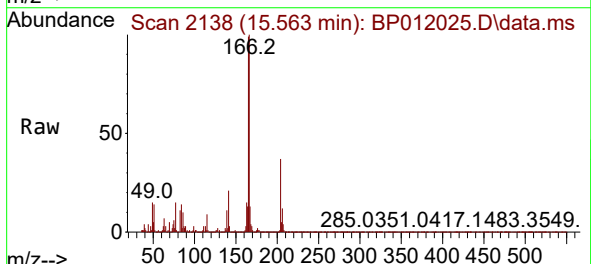
Instrument :
BNA_P
ClientSampleId :
SSTD005624

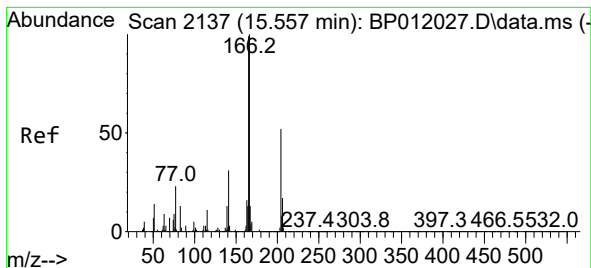
Tgt Ion:149 Resp: 109631
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.8 10.0 15.0



#61
Fluorene
Concen: 4.507 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:166 Resp: 124485
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 12.9 10.7 16.1

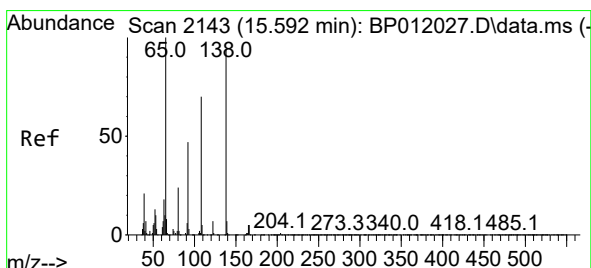
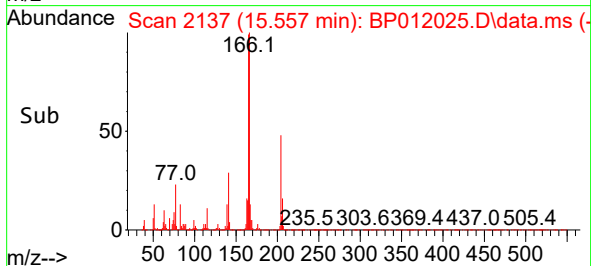
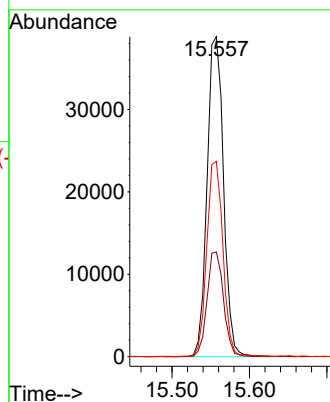
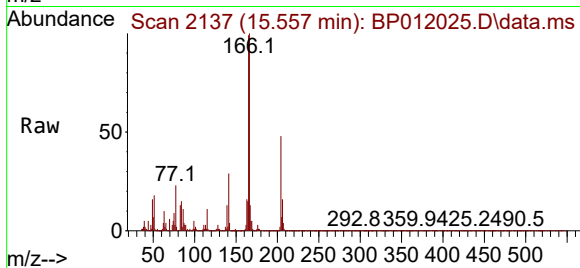




#62
4-Chlorophenyl-phenylether
Concen: 4.176 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

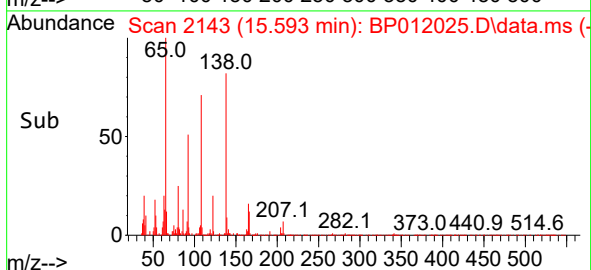
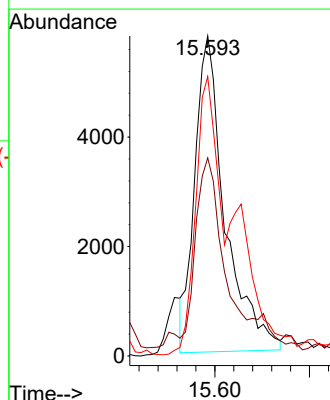
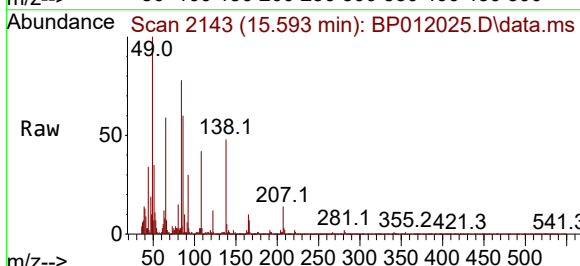
Instrument :
BNA_P
ClientSampleId :
SSTD005624

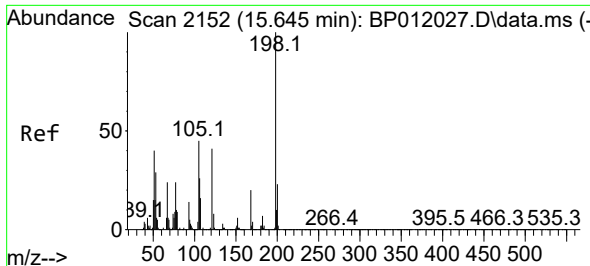
Tgt Ion:204 Resp: 57101
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.1 47.9 71.9



#63
4-Nitroaniline
Concen: 2.059 ng/ul
RT: 15.593 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:138 Resp: 12819
Ion Ratio Lower Upper
138 100
92 61.9 40.8 61.2#
108 87.3 59.5 89.3

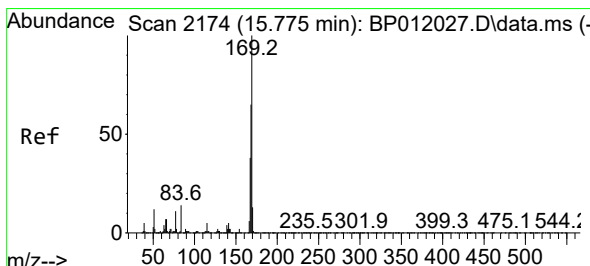
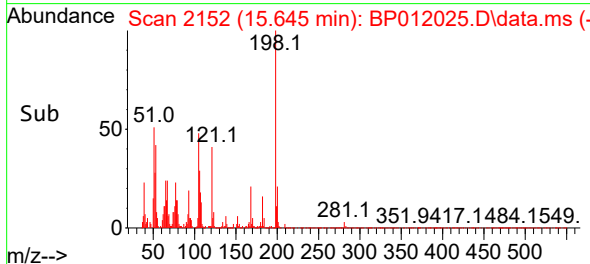
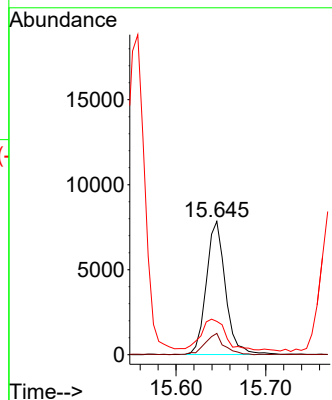
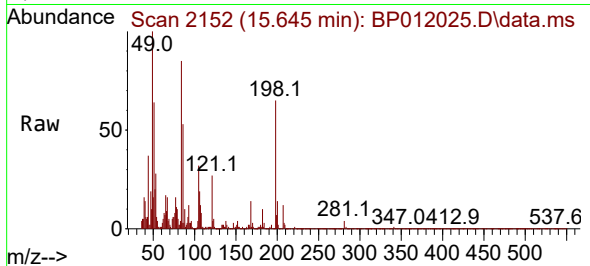




#66
4,6-Dinitro-2-methylphenol
Concen: 2.352 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

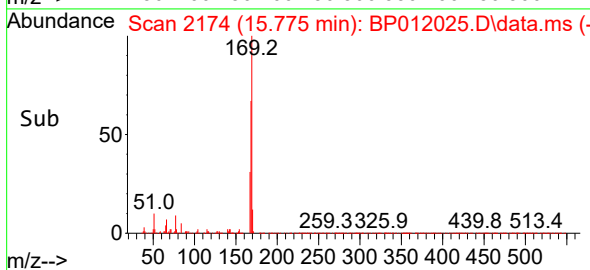
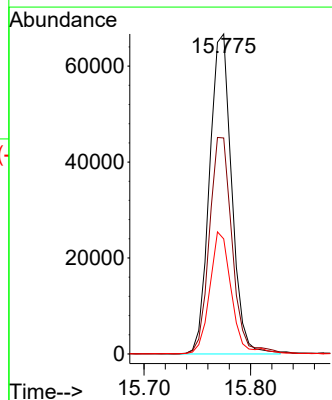
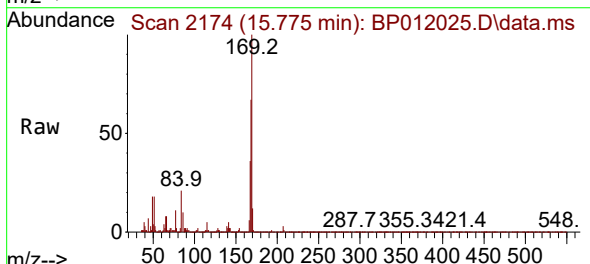
Instrument :
BNA_P
ClientSampleId :
SSTD005624

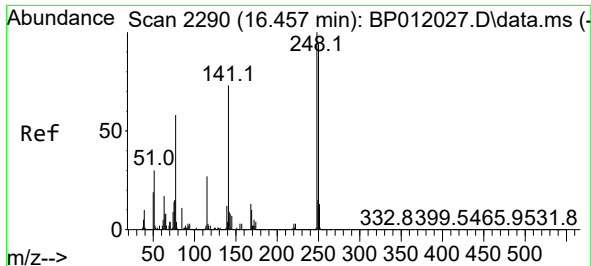
Tgt Ion:198 Resp: 11604
Ion Ratio Lower Upper
198 100
182 16.0 5.6 8.4#
77 25.0 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 4.243 ng/ul
RT: 15.775 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:169 Resp: 96333
Ion Ratio Lower Upper
169 100
168 67.5 52.2 78.2
167 36.0 30.1 45.1

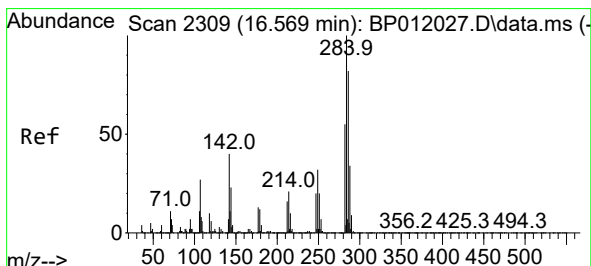
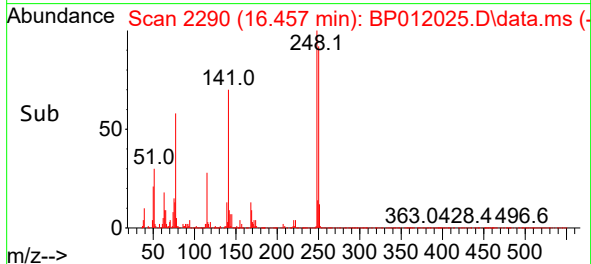
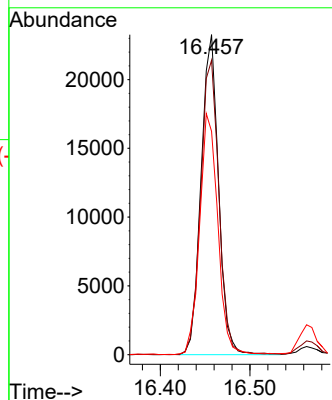
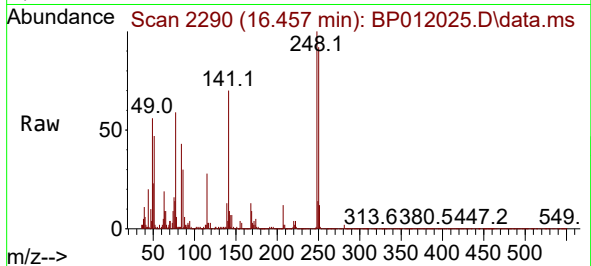




#68
4-Bromophenyl-phenylether
Concen: 4.007 ng/ul
RT: 16.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

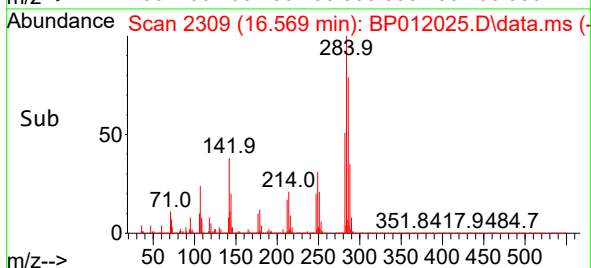
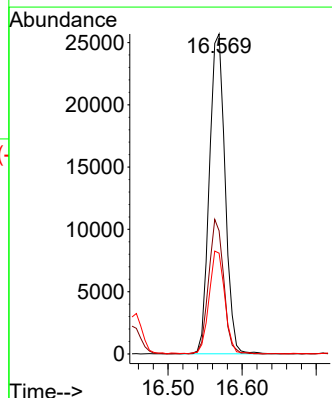
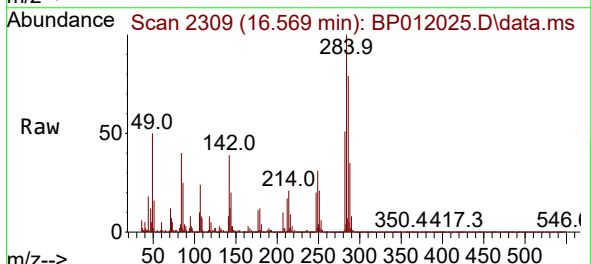
Instrument :
BNA_P
ClientSampleId :
SSTD005624

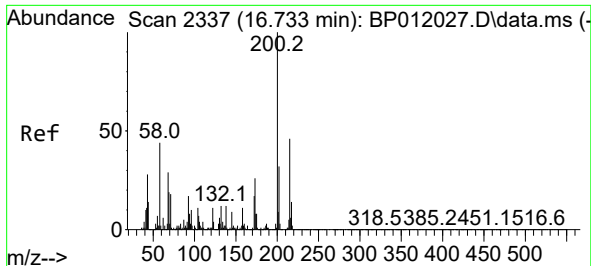
Tgt Ion:248 Resp: 31366
Ion Ratio Lower Upper
248 100
250 92.0 75.1 112.7
141 69.8 58.8 88.2



#69
Hexachlorobenzene
Concen: 4.243 ng/ul
RT: 16.569 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:284 Resp: 37799
Ion Ratio Lower Upper
284 100
142 38.5 32.1 48.1
249 31.5 26.0 39.0

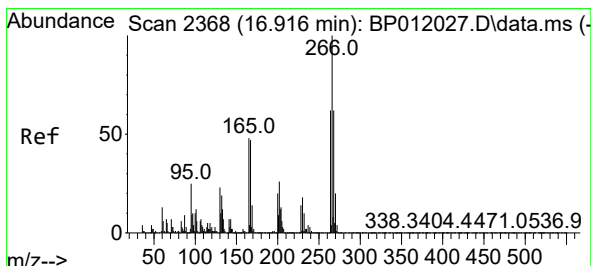
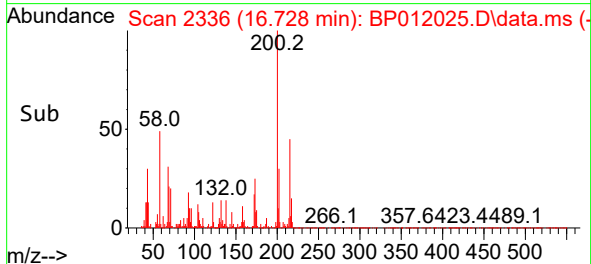
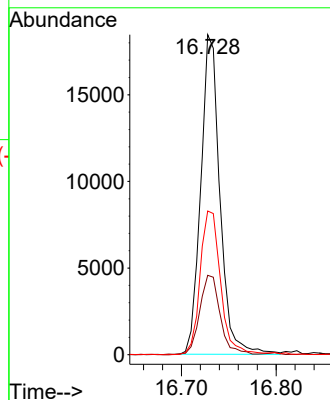
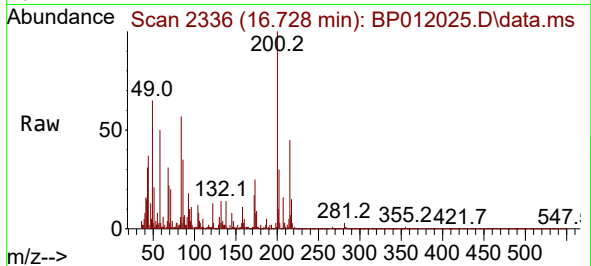




#70
Atrazine
Concen: 3.173 ng/ul
RT: 16.728 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

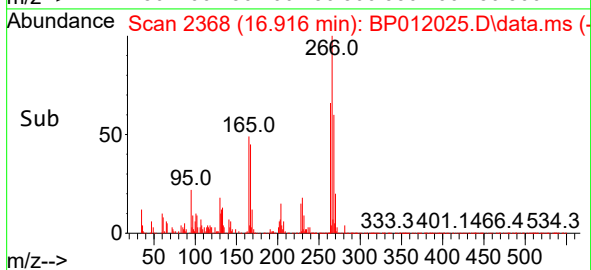
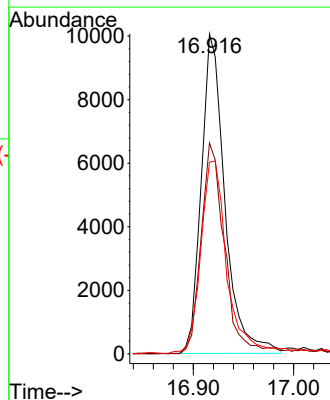
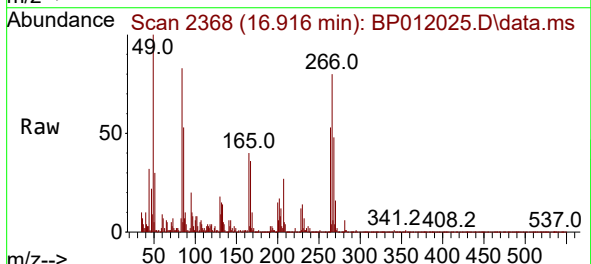
Instrument :
BNA_P
ClientSampleId :
SSTD005624

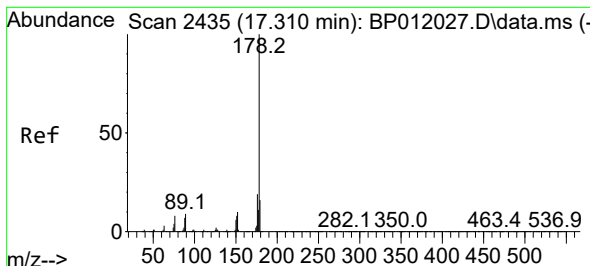
Tgt Ion:200 Resp: 25988
Ion Ratio Lower Upper
200 100
173 24.8 20.9 31.3
215 44.9 37.0 55.4



#71
Pentachlorophenol
Concen: 2.813 ng/ul
RT: 16.916 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:266 Resp: 16481
Ion Ratio Lower Upper
266 100
264 65.9 49.7 74.5
268 60.0 49.7 74.5





#72

Phenanthrene

Concen: 4.636 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

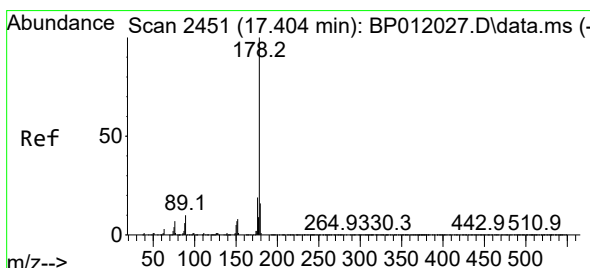
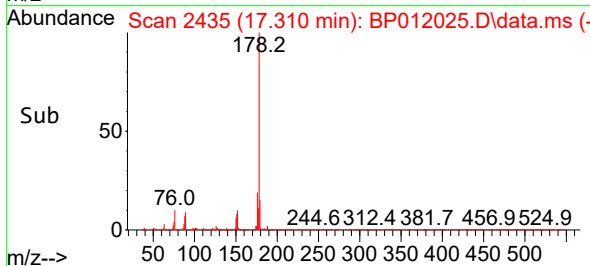
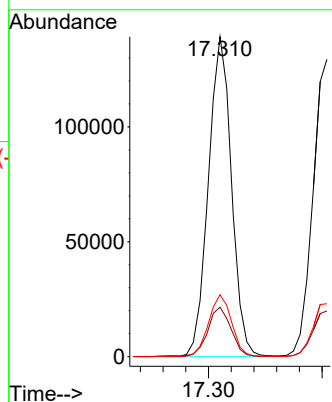
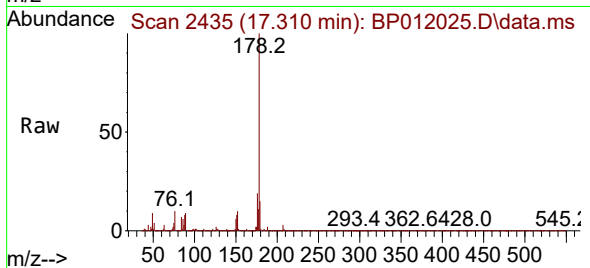
Tgt Ion:178 Resp: 196062

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.3 15.5 23.3



#74

Anthracene

Concen: 4.431 ng/ul

RT: 17.404 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

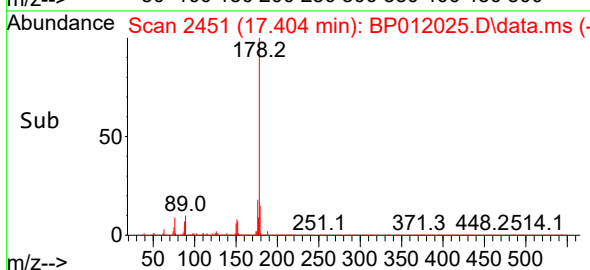
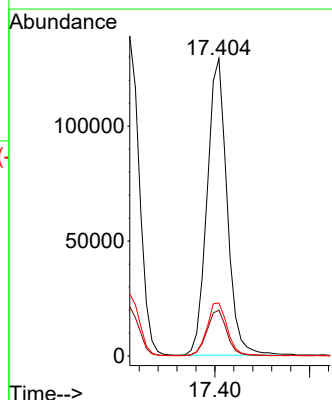
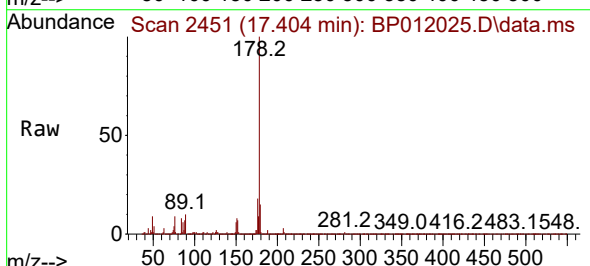
Tgt Ion:178 Resp: 188531

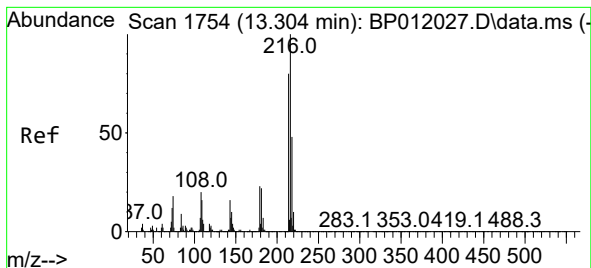
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 17.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.870 ng/uL

RT: 13.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

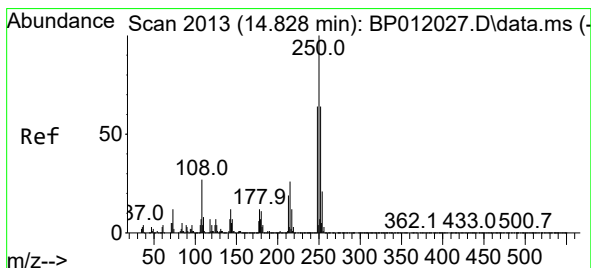
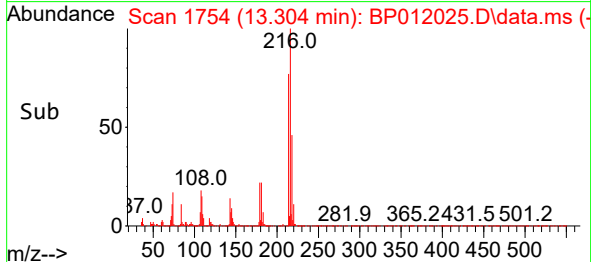
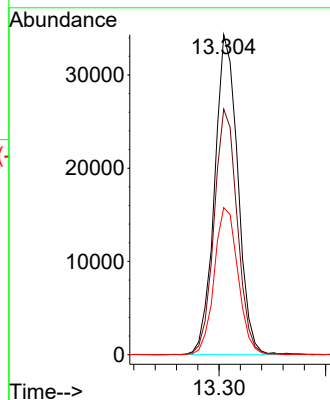
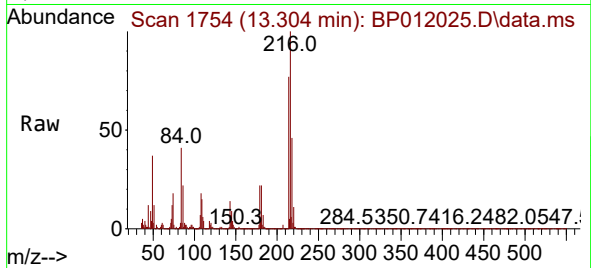
Tgt Ion:216 Resp: 51727

Ion Ratio Lower Upper

216 100

214 76.8 64.0 96.0

218 46.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 4.479 ng/uL

RT: 14.828 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

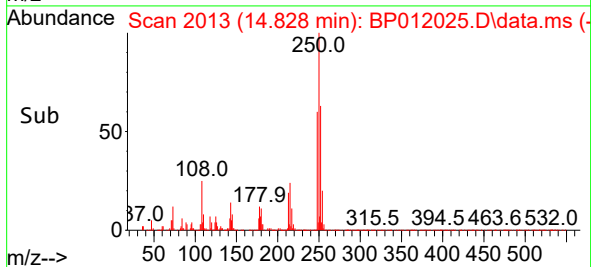
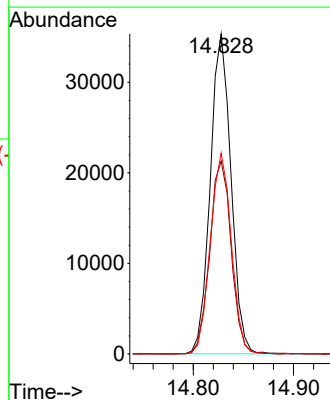
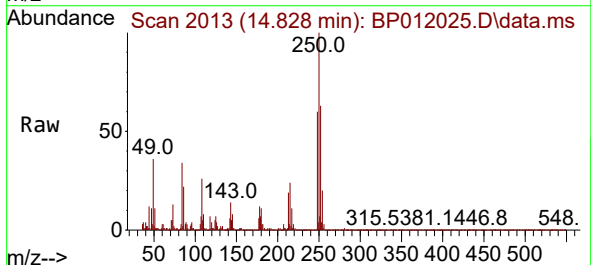
Tgt Ion:250 Resp: 50835

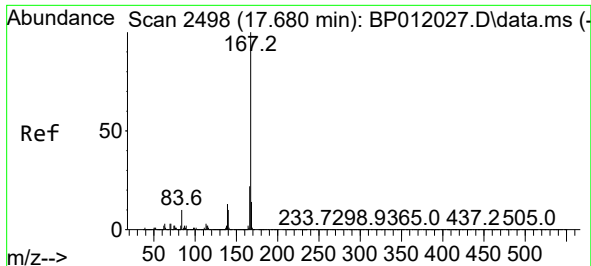
Ion Ratio Lower Upper

250 100

248 60.3 50.9 76.3

252 62.8 51.5 77.3

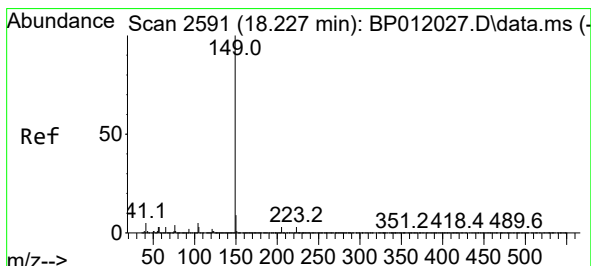
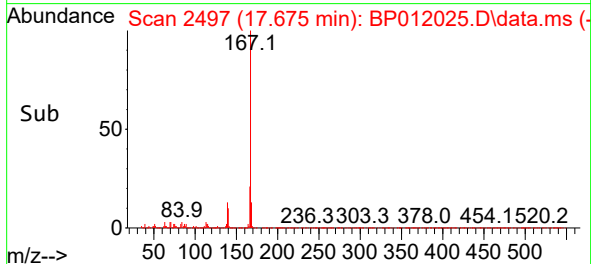
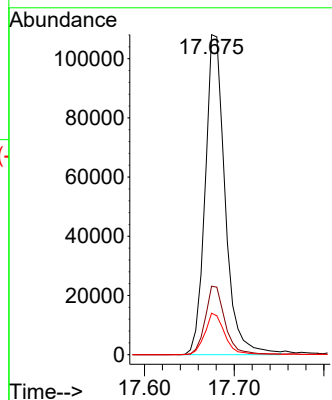
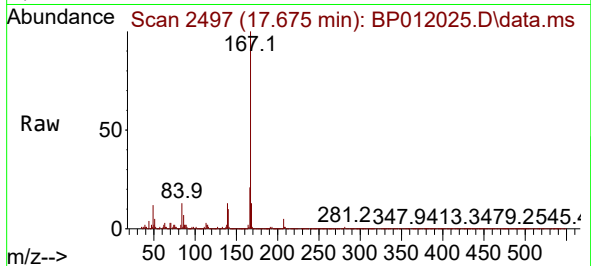




#77
Carbazole
Concen: 4.333 ng/ul
RT: 17.675 min Scan# 2498
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

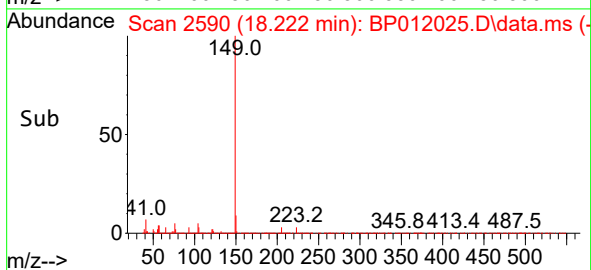
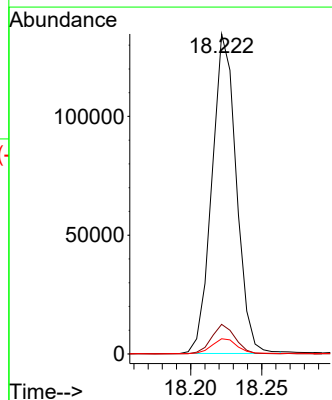
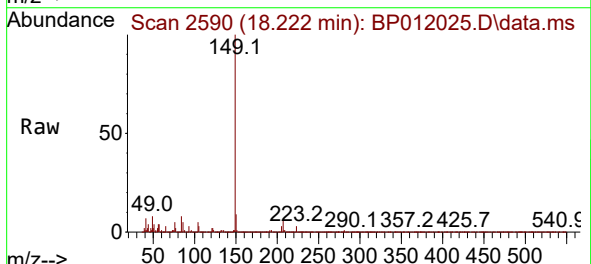
Instrument :
BNA_P
ClientSampleId :
SSTD005624

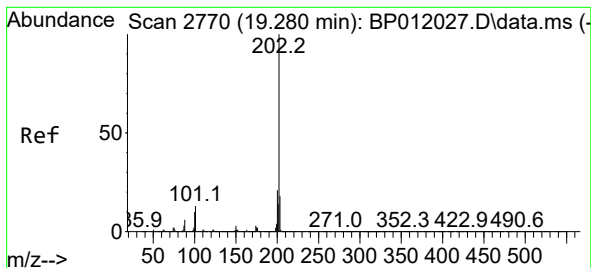
Tgt Ion:167 Resp: 166605
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.0 10.7 16.1



#78
Di-n-butylphthalate
Concen: 3.417 ng/ul
RT: 18.222 min Scan# 2590
Delta R.T. -0.006 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:149 Resp: 160869
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 4.7 3.7 5.5

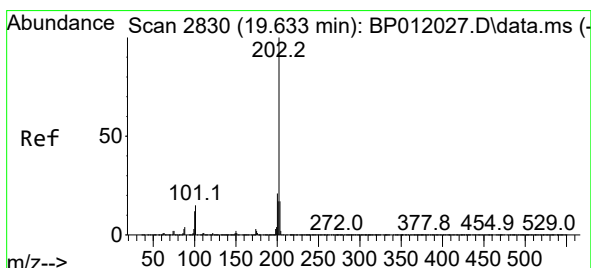
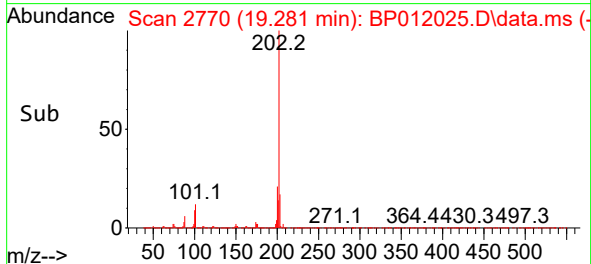
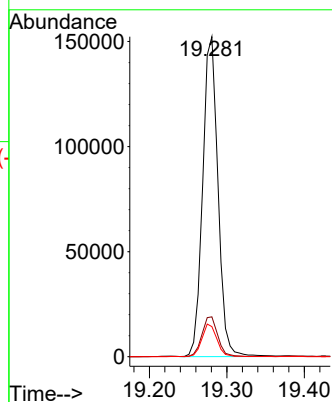
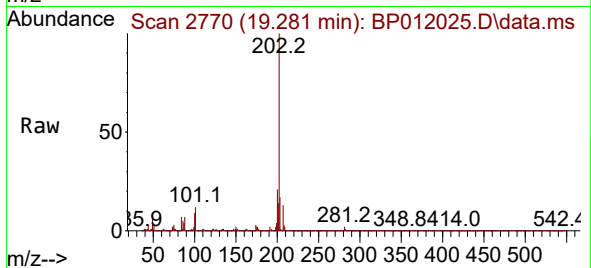




#80
Fluoranthene
Concen: 4.262 ng/ul
RT: 19.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

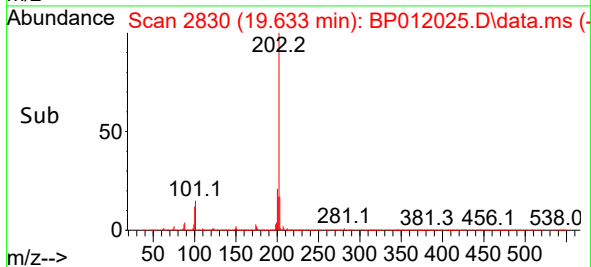
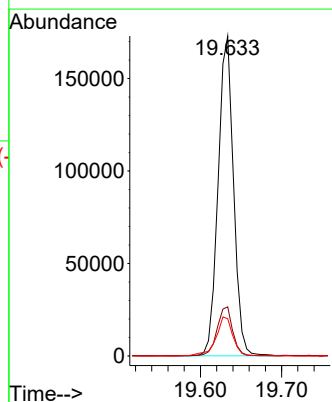
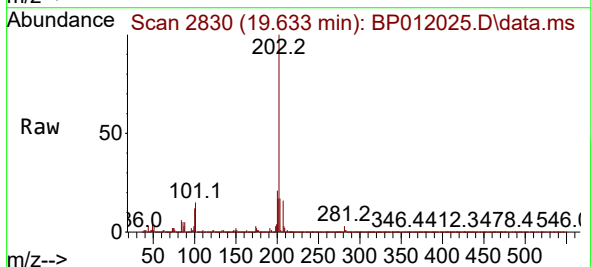
Instrument :
BNA_P
ClientSampleId :
SSTD005624

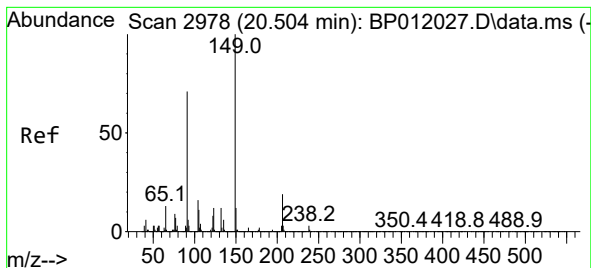
Tgt Ion:202 Resp: 208797
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.2
100 9.4 7.7 11.5



#82
Pyrene
Concen: 4.487 ng/ul
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:202 Resp: 228880
Ion Ratio Lower Upper
202 100
101 15.3 11.6 17.4
100 11.7 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.175 ng/ul

RT: 20.504 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

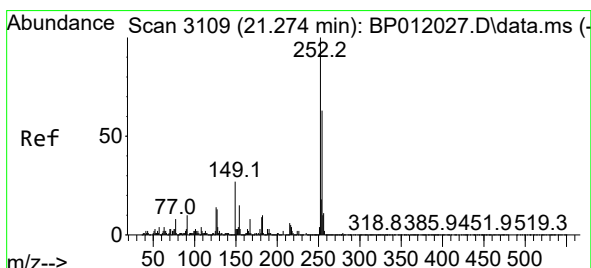
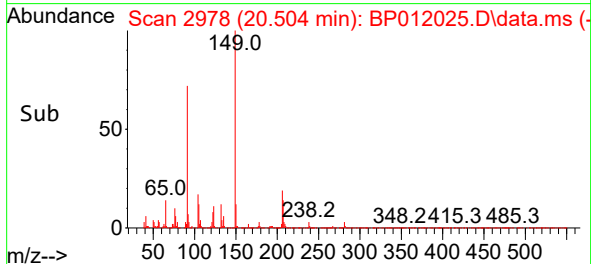
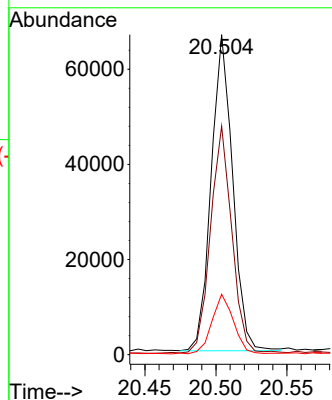
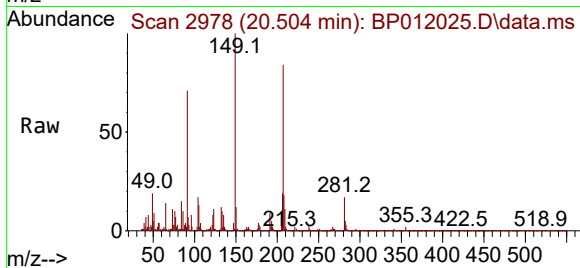
Tgt Ion:149 Resp: 69988

Ion Ratio Lower Upper

149 100

91 71.5 56.6 84.8

206 18.9 15.0 22.6



#84

3,3'-Dichlorobenzidine

Concen: 3.496 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

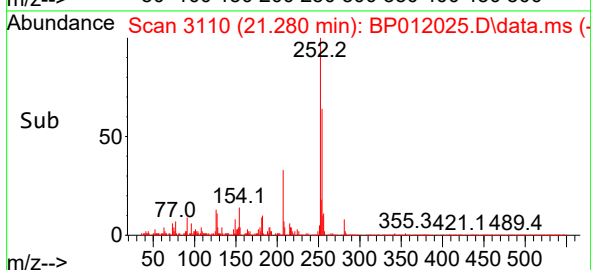
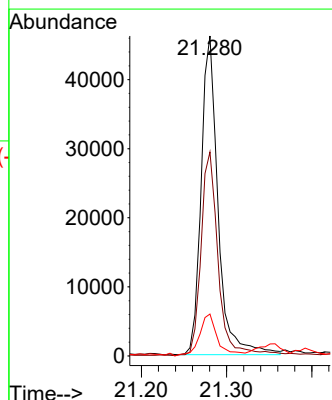
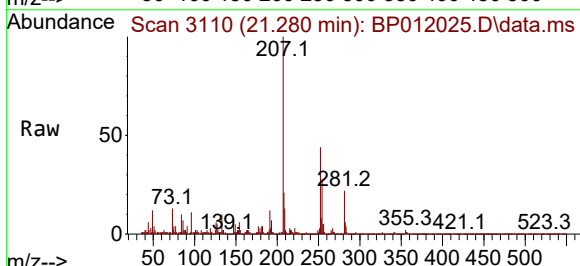
Tgt Ion:252 Resp: 63627

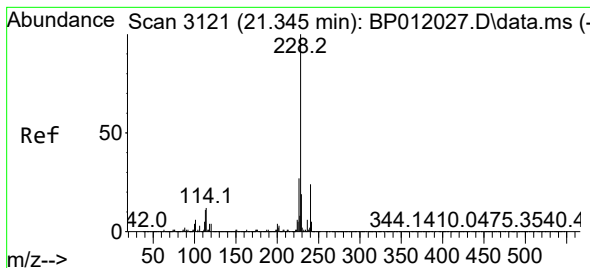
Ion Ratio Lower Upper

252 100

254 63.7 50.5 75.7

126 13.1 11.0 16.4





#85

Benzo(a)anthracene

Concen: 4.410 ng/ul

RT: 21.339 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

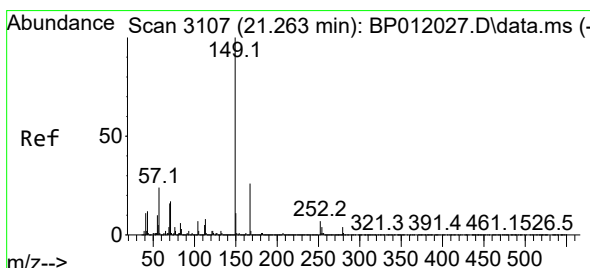
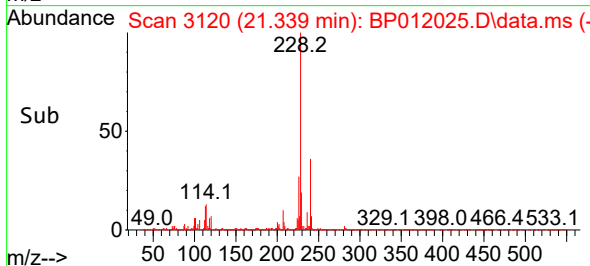
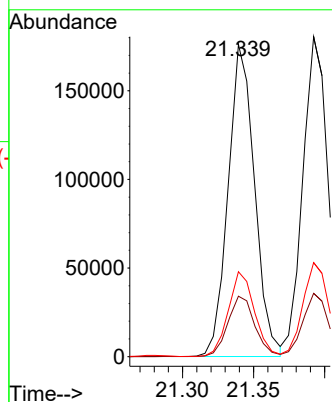
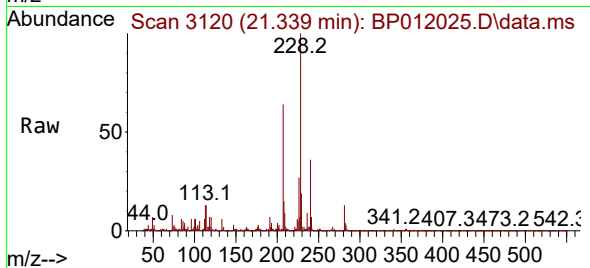
Tgt Ion:228 Resp: 227949

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.018 ng/ul

RT: 21.263 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

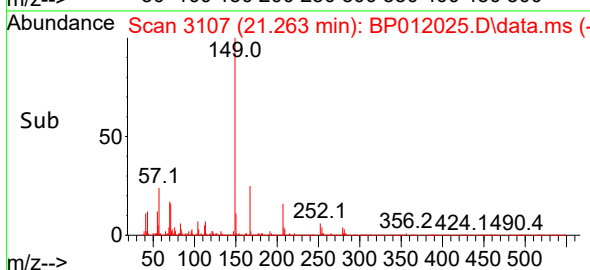
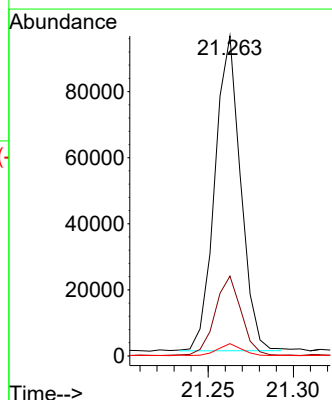
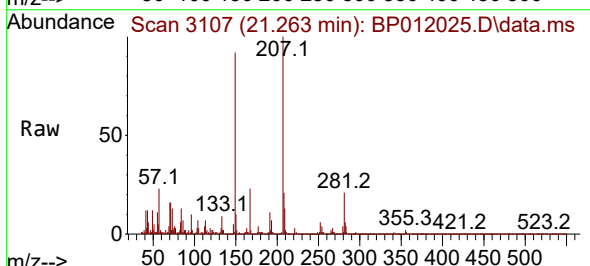
Tgt Ion:149 Resp: 100235

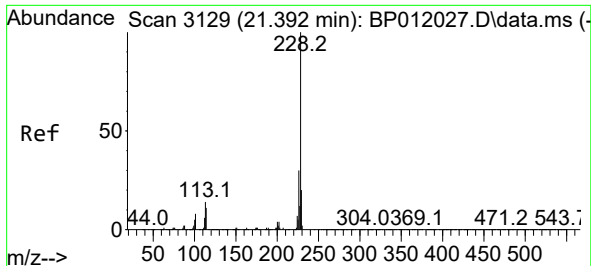
Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.6

279 3.9 2.9 4.3

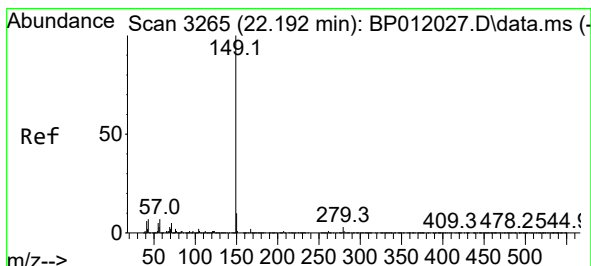
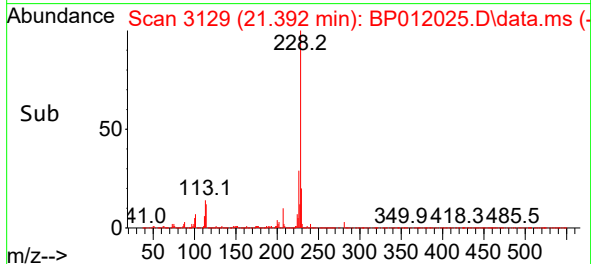
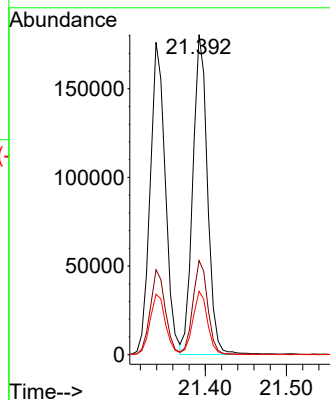
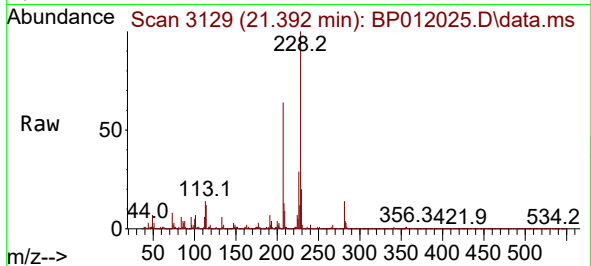




#87
Chrysene
Concen: 4.677 ng/ul
RT: 21.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

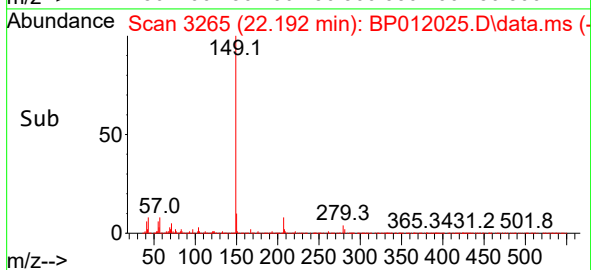
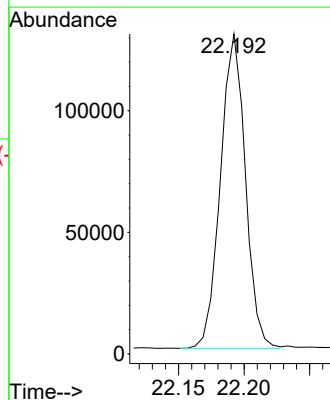
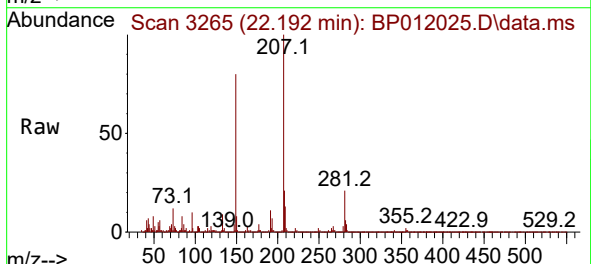
Instrument :
BNA_P
ClientSampleId :
SSTD005624

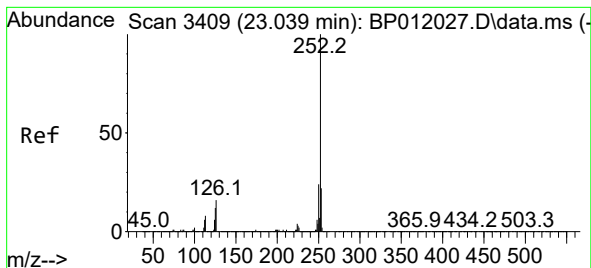
Tgt Ion:228 Resp: 226869
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 19.8 15.8 23.6



#89
Di-n-octyl phthalate
Concen: 3.108 ng/ul
RT: 22.192 min Scan# 3265
Delta R.T. 0.000 min
Lab File: BP012025.D
Acq: 10 Oct 2022 16:05

Tgt Ion:149 Resp: 170525





#90

Benzo(b)fluoranthene

Concen: 4.399 ng/ul

RT: 23.039 min Scan# 3409

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

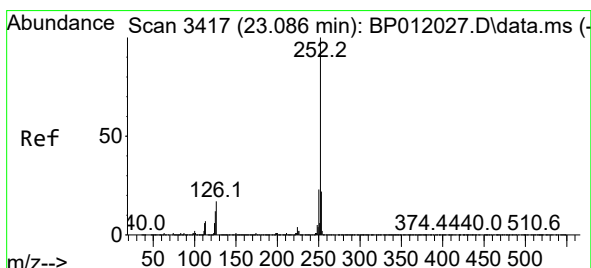
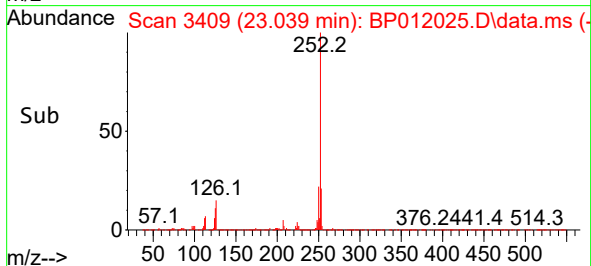
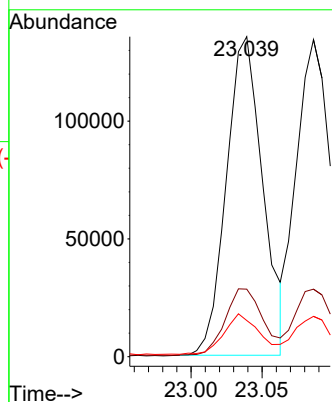
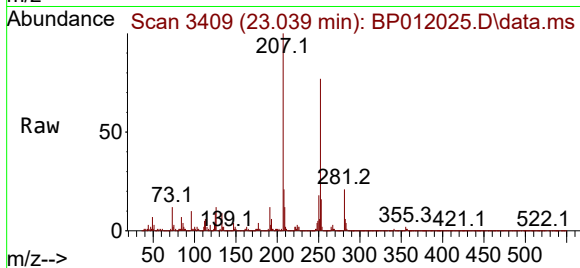
Tgt Ion:252 Resp: 241443

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 11.3 9.9 14.9



#91

Benzo(k)fluoranthene

Concen: 4.435 ng/ul

RT: 23.086 min Scan# 3417

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

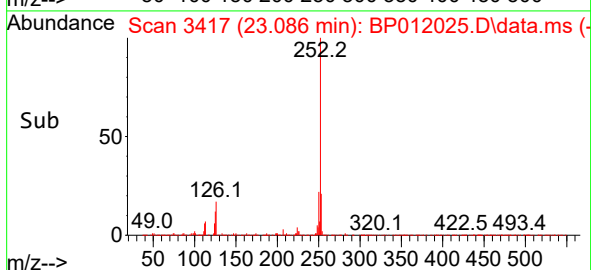
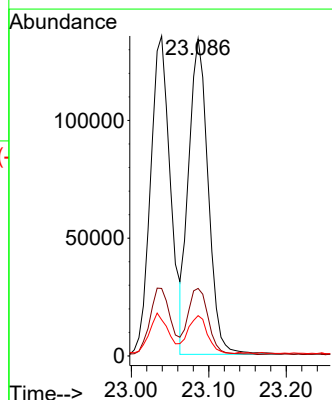
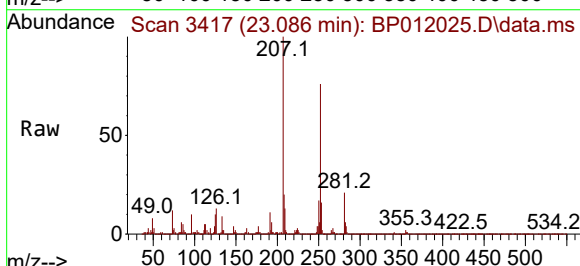
Tgt Ion:252 Resp: 234408

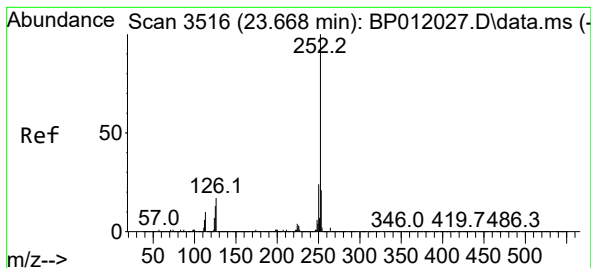
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 12.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 4.318 ng/ul

RT: 23.669 min Scan# 3516

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

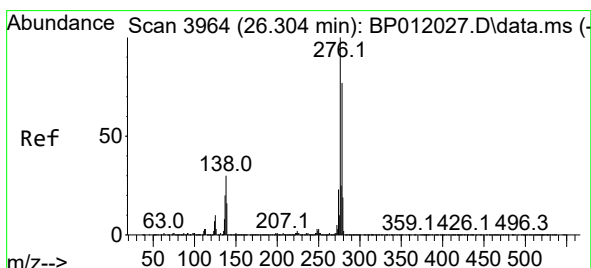
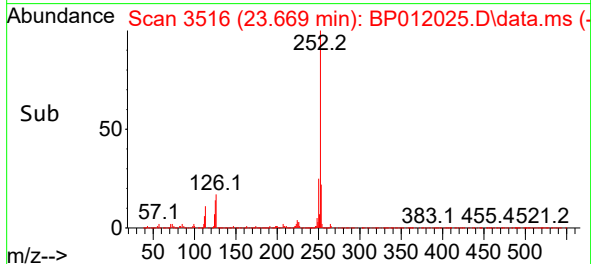
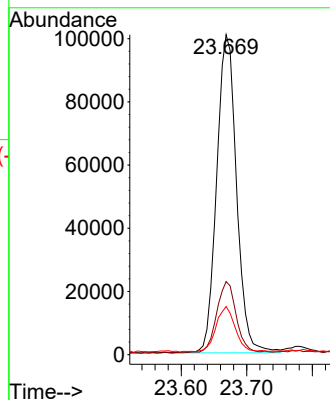
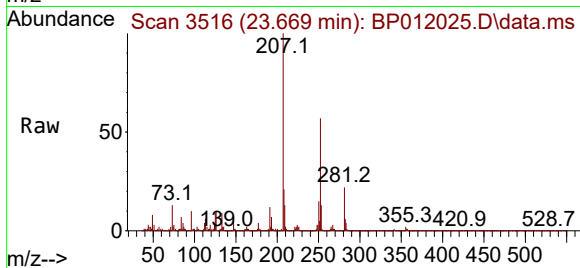
Tgt Ion:252 Resp: 211534

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 15.0 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.285 ng/ul

RT: 26.298 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

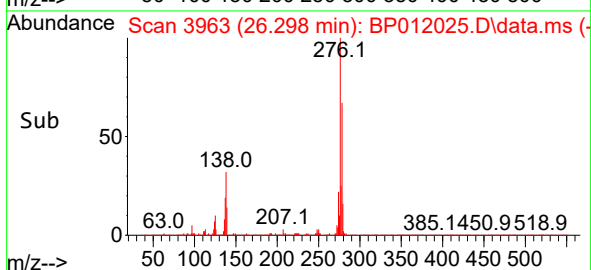
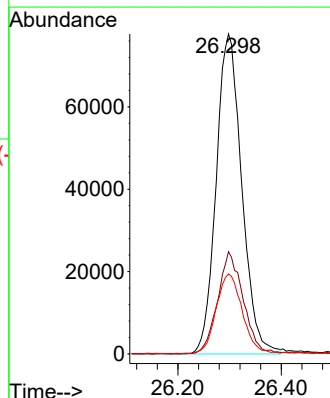
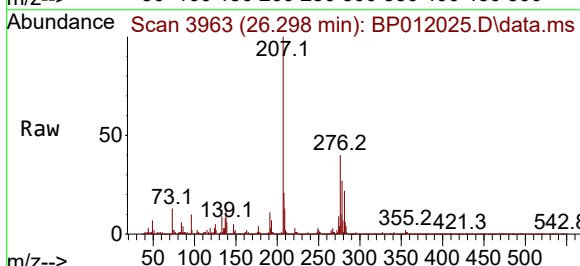
Tgt Ion:276 Resp: 267188

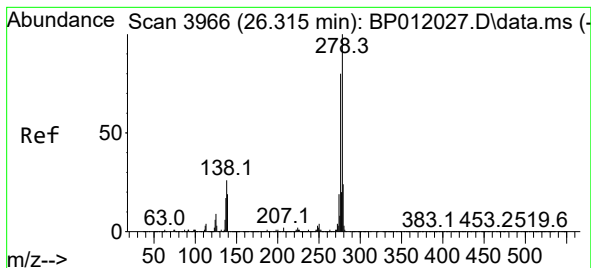
Ion Ratio Lower Upper

276 100

138 31.9 24.1 36.1

277 25.0 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 4.392 ng/ul

RT: 26.321 min Scan# 3966

Delta R.T. 0.006 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Instrument :

BNA_P

ClientSampleId :

SSTD005624

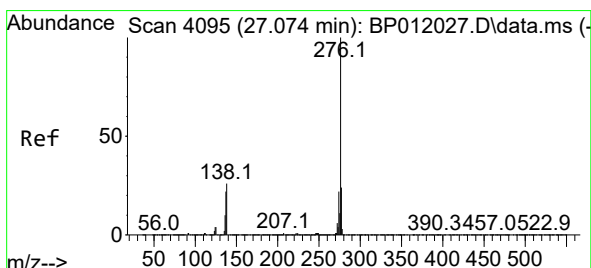
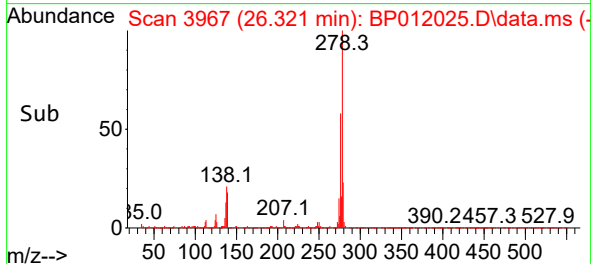
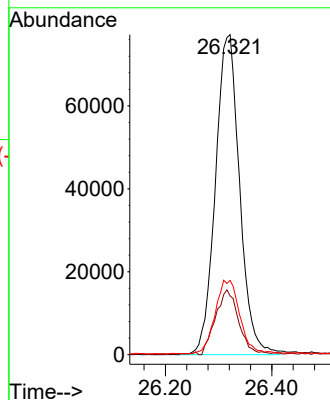
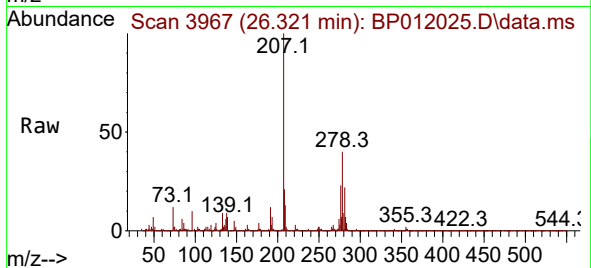
Tgt Ion:278 Resp: 243255

Ion Ratio Lower Upper

278 100

139 18.3 15.4 23.0

279 23.2 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 4.450 ng/ul

RT: 27.074 min Scan# 4095

Delta R.T. 0.000 min

Lab File: BP012025.D

Acq: 10 Oct 2022 16:05

Tgt Ion:276 Resp: 245984

Ion Ratio Lower Upper

276 100

138 25.2 20.9 31.3

277 24.1 19.0 28.4

