

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
 Data File : BP012024.D
 Acq On : 10 Oct 2022 15:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020773

Quant Time: Oct 11 00:43:19 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	7.863	152	167069	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	683208	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	398444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	855721	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	963598	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	1017428	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15041	3.971	ng/uL	0.00
4) Pyridine-d5	3.705	84	121576	10.957	ng/u1	0.00
7) Phenol-d5	7.028	99	262098	18.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	158647	19.844	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	209538	18.404	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	196781	16.505	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	98238	18.878	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	96726	17.373	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	184748	17.940	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	279230	17.786	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	525529	18.444	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	633552	19.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	108367	18.366	ng/u1	0.00
60) Fluorene-d10	15.504	176	470925	19.031	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	83011	16.027	ng/u1	0.00
73) Anthracene-d10	17.369	188	757171	19.425	ng/u1	0.00
81) Pyrene-d10	19.604	212	908786	18.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	960646	18.862	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	15444	3.775	ng/uL	97
5) Pyridine	3.728	79	126107	11.710	ng/u1	97
6) Benzaldehyde	7.005	77	149632	23.683	ng/u1	97
8) Phenol	7.058	94	276437	18.479	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	219727	18.459	ng/u1	96
12) 2-Chlorophenol	7.422	128	227732	18.709	ng/u1	99
13) 2-Methylphenol	8.310	108	200620	17.022	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	259139	22.083	ng/u1	100
16) Acetophenone	8.693	105	324178	17.834	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	146916	17.172	ng/u1	99
18) 4-Methylphenol	8.640	108	221310	17.042	ng/u1	96
19) Hexachloroethane	8.940	117	94343	20.781	ng/u1	99
22) Nitrobenzene	9.069	77	237340	21.206	ng/u1	99
23) Isophorone	9.599	82	423432	18.650	ng/u1	99
25) 2-Nitrophenol	9.787	139	115497	18.163	ng/u1	100
26) 2,4-Dimethylphenol	9.846	107	227295	19.028	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	271026	18.503	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	193217	18.107	ng/u1	99
30) Naphthalene	10.716	128	713437	19.442	ng/u1	99
32) 4-Chloroaniline	10.834	127	293960	18.302	ng/u1	100
33) Hexachlorobutadiene	10.999	225	116094	18.381	ng/u1	98
34) Caprolactam	11.634	113	73560	19.478	ng/u1	96
35) 4-Chloro-3-methylphenol	11.963	107	198782	17.570	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	453505	17.697	ng/u1	99

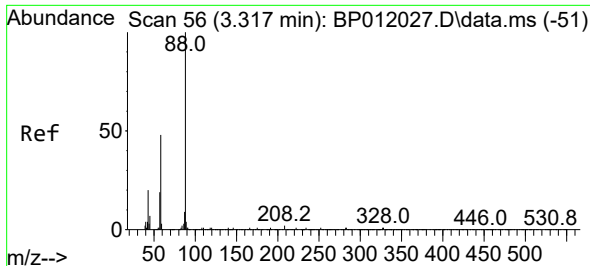
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	460722	17.917	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	219215	18.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	106302	16.104	ng/ul	97
41) 2,4,6-Trichlorophenol	12.940	196	140021	18.103	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	153114	18.173	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	574980	19.510	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	459297	19.712	ng/ul	99
45) 2-Nitroaniline	13.598	65	111374	19.582	ng/ul	99
47) Dimethylphthalate	13.969	163	561314	18.798	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	96570	16.594	ng/ul	100
50) Acenaphthylene	14.234	152	723350	20.051	ng/ul	99
51) 3-Nitroaniline	14.422	138	114420	16.963	ng/ul	93
52) Acenaphthene	14.575	153	503377	19.777	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	69640	17.651	ng/ul	95
55) 4-Nitrophenol	14.734	109	80987	20.333	ng/ul	100
56) Dibenzofuran	14.910	168	685036	19.651	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	156657	18.416	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.139	232	128876	17.607	ng/ul	99
59) Diethylphthalate	15.334	149	566235	18.928	ng/ul	100
61) Fluorene	15.563	166	567832	19.887	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.557	204	259292	18.344	ng/ul	99
63) 4-Nitroaniline	15.592	138	119274	18.531	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	91554	16.685	ng/ul	99
67) N-Nitrosodiphenylamine	15.775	169	478528	18.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	150752	17.320	ng/ul	96
69) Hexachlorobenzene	16.569	284	177574	17.928	ng/ul	98
70) Atrazine	16.733	200	158901	17.446	ng/ul	98
71) Pentachlorophenol	16.916	266	101690	15.610	ng/ul	99
72) Phenanthrene	17.310	178	938252	19.951	ng/ul	99
74) Anthracene	17.404	178	940405	19.875	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	222194	18.812	ng/ul	99
76) Pentachlorobenzene	14.828	250	228138	18.076	ng/ul	98
77) Carbazole	17.681	167	896564	20.972	ng/ul	99
78) Di-n-butylphthalate	18.228	149	1002051	19.140	ng/ul	99
80) Fluoranthene	19.280	202	1097618	18.379	ng/ul	100
82) Pyrene	19.633	202	1182762	19.021	ng/ul	100
83) Butylbenzylphthalate	20.504	149	469089	17.455	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	395509	17.829	ng/ul	98
85) Benzo(a)anthracene	21.345	228	1201567	19.068	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.263	149	692880	17.116	ng/ul	100
87) Chrysene	21.392	228	1150067	19.448	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	1182958	18.224	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1253303	19.300	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	1248583	19.966	ng/ul	99
93) Benzo(a)pyrene	23.674	252	1127574	19.457	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.298	276	1400648	18.988	ng/ul	98
95) Dibenzo(a,h)anthracene	26.315	278	1249967	19.075	ng/ul	99
96) Benzo(g,h,i)perylene	27.080	276	1241558	18.985	ng/ul	99

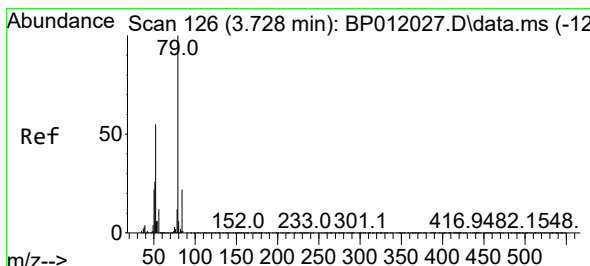
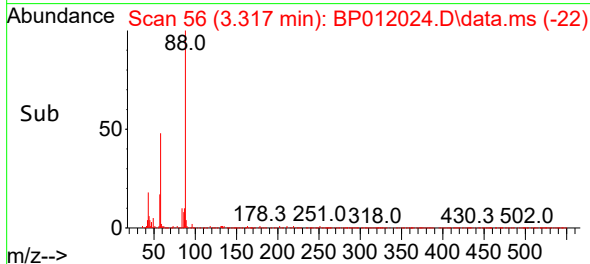
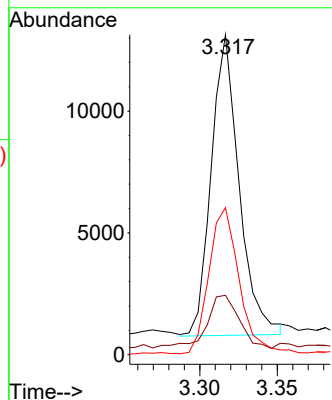
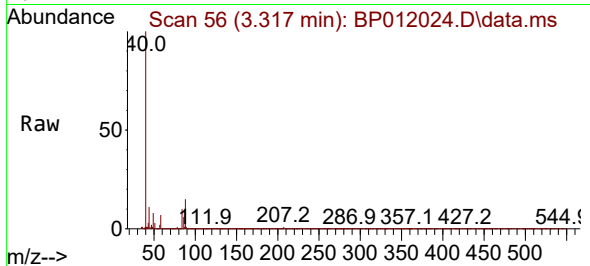
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#2
1,4-Dioxane
Concen: 3.775 ng/uL
RT: 3.317 min Scan# 50
Delta R.T. 0.000 min
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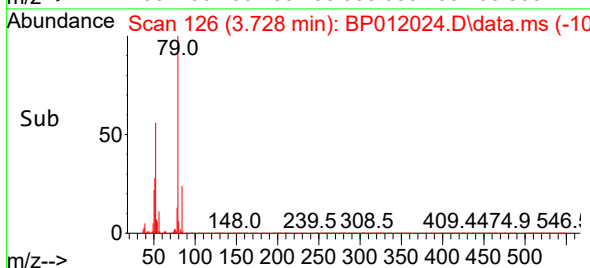
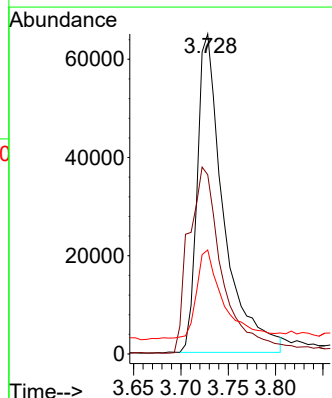
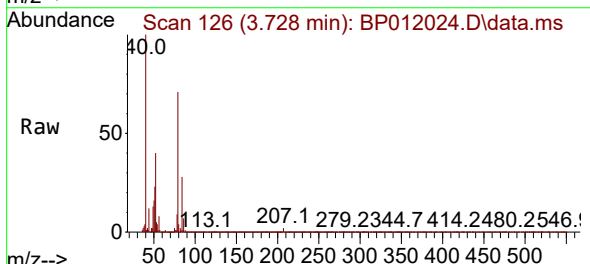
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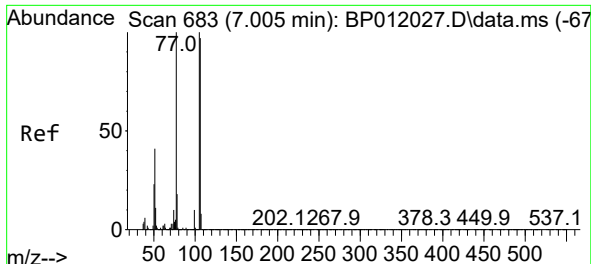
Tgt Ion: 88	Resp: 15444
Ion Ratio	Lower Upper
88	100
43	18.6 17.2 25.8
58	46.0 37.4 56.0



#5
Pyridine
Concen: 11.710 ng/uL
RT: 3.728 min Scan# 126
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 79	Resp: 126107
Ion Ratio	Lower Upper
79	100
52	56.0 44.2 66.4
51	32.5 22.9 34.3

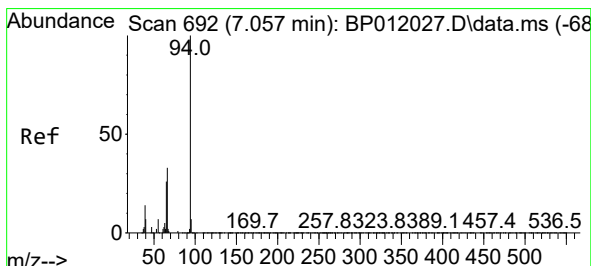
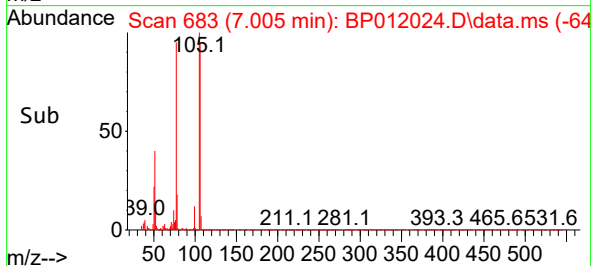
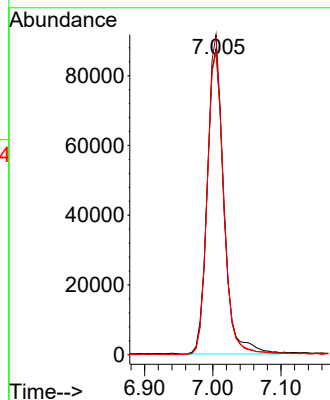
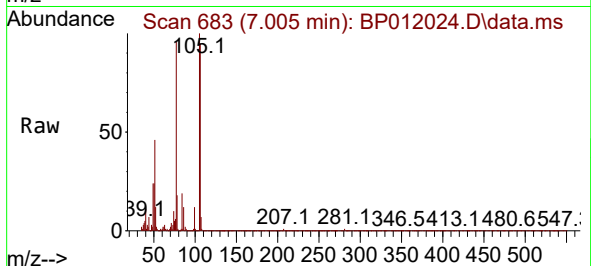




#6
Benzaldehyde
Concen: 23.683 ng/ul
RT: 7.005 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

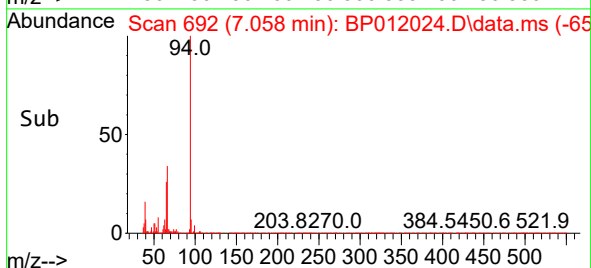
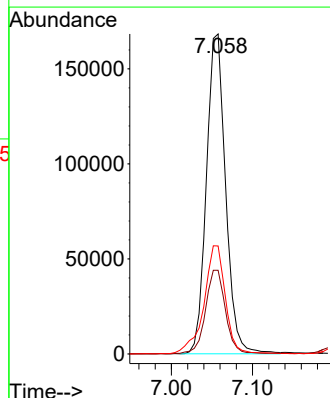
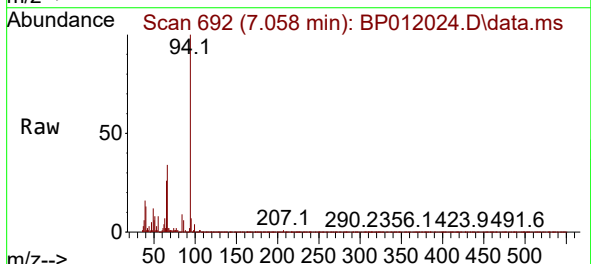
Instrument :
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ClientSampleId :
SSTD020773

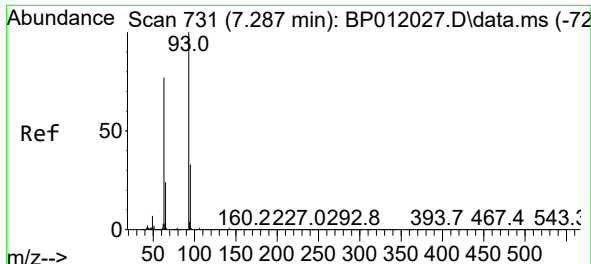
Tgt Ion: 77 Resp: 149632
Ion Ratio Lower Upper
77 100
105 104.7 79.8 119.8
106 99.0 77.6 116.4



#8
Phenol
Concen: 18.479 ng/ul
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 94 Resp: 276437
Ion Ratio Lower Upper
94 100
65 26.1 20.8 31.2
66 33.8 27.4 41.0

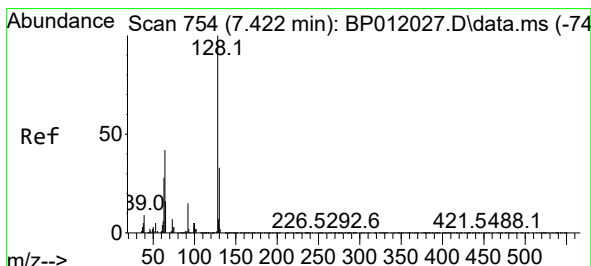
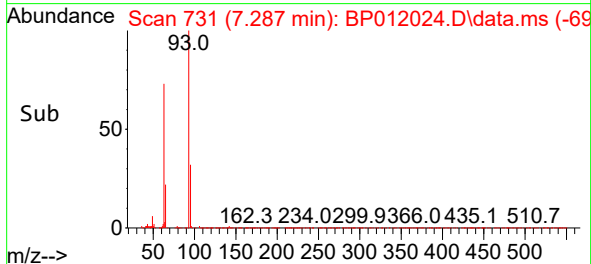
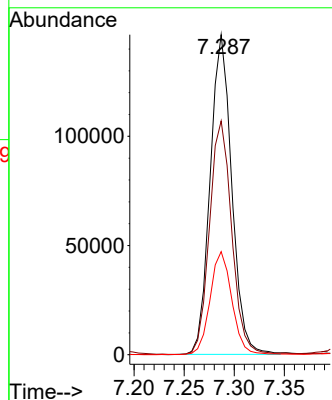
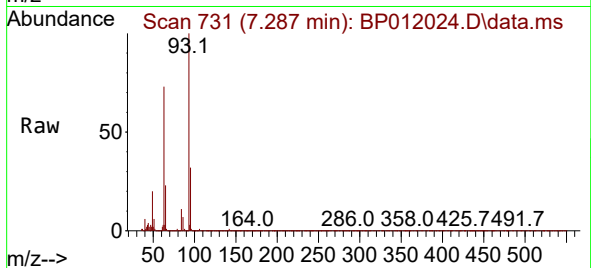




#10
Bis(2-Chloroethyl)ether
Concen: 18.459 ng/ul
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

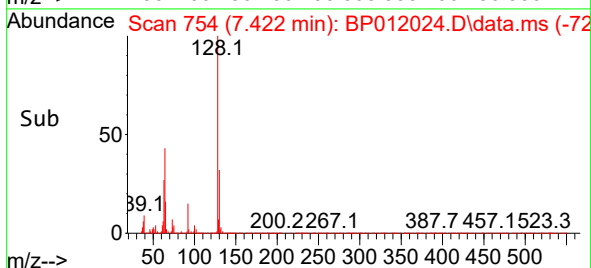
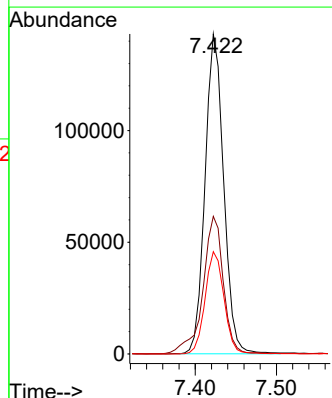
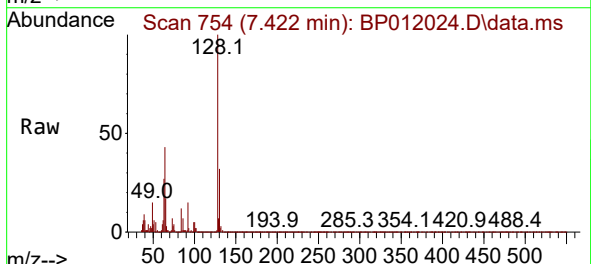
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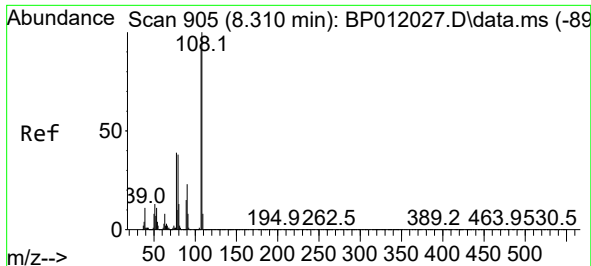
Tgt Ion: 93 Resp: 219727
Ion Ratio Lower Upper
93 100
63 73.0 61.5 92.3
95 32.2 26.6 40.0



#12
2-Chlorophenol
Concen: 18.709 ng/ul
RT: 7.422 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:128 Resp: 227732
Ion Ratio Lower Upper
128 100
64 43.0 34.9 52.3
130 32.0 26.1 39.1

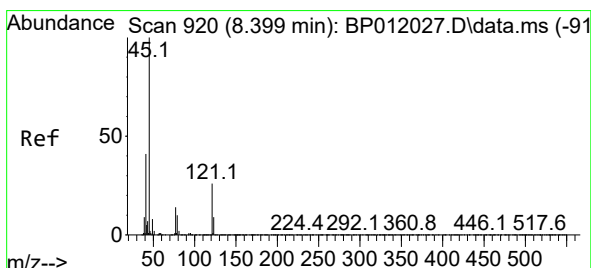
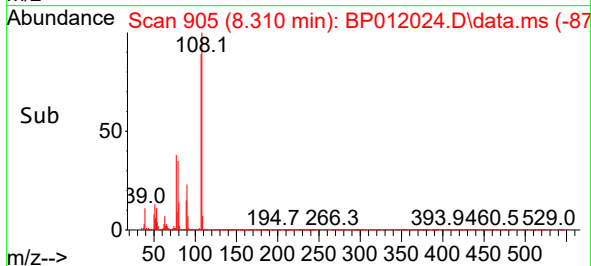
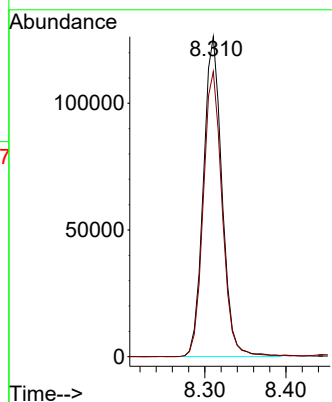
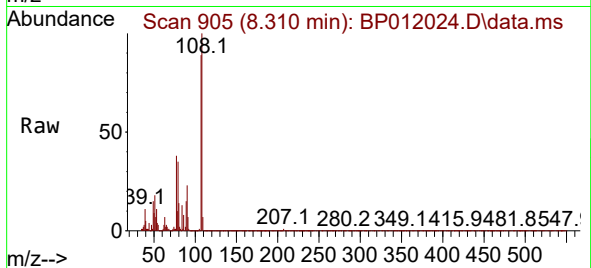




#13
2-Methylphenol
Concen: 17.022 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

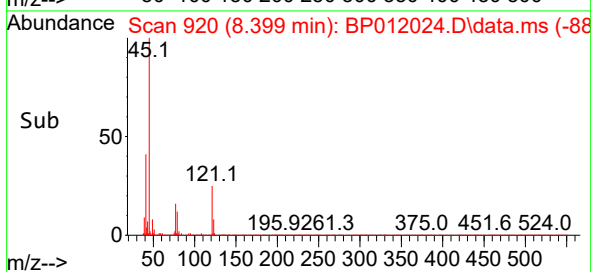
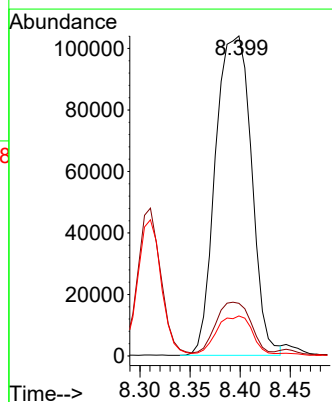
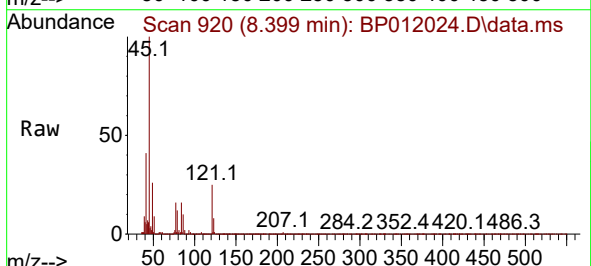
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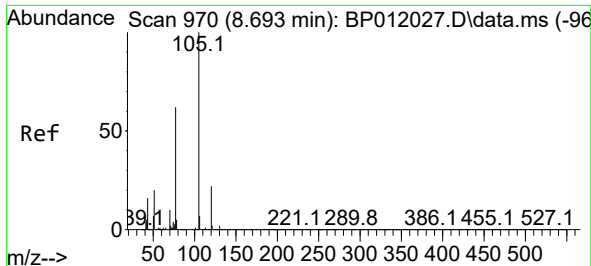
Tgt Ion:108 Resp: 200620
Ion Ratio Lower Upper
108 100
107 89.1 72.4 108.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.083 ng/ul
RT: 8.399 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 45 Resp: 259139
Ion Ratio Lower Upper
45 100
77 16.4 13.4 20.0
79 12.5 9.9 14.9

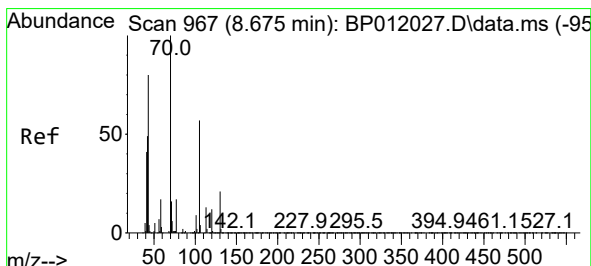
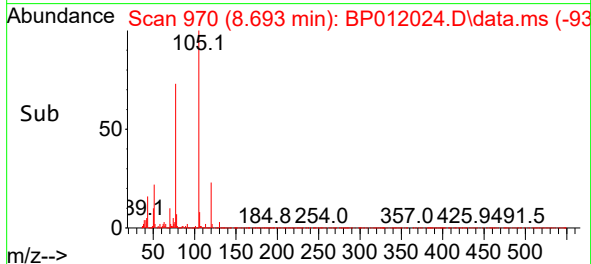
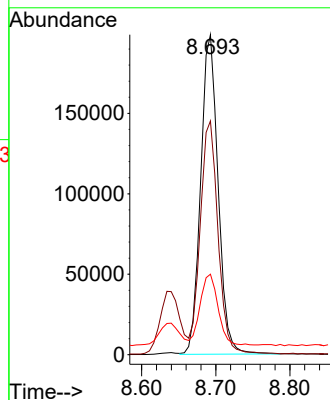
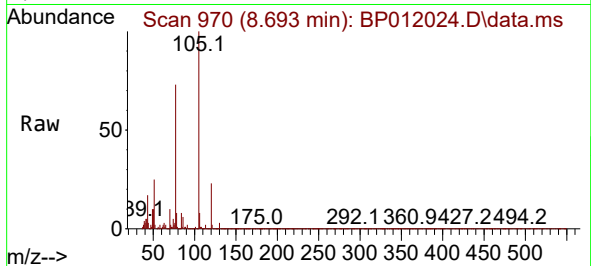




#16
Acetophenone
Concen: 17.834 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012024.D
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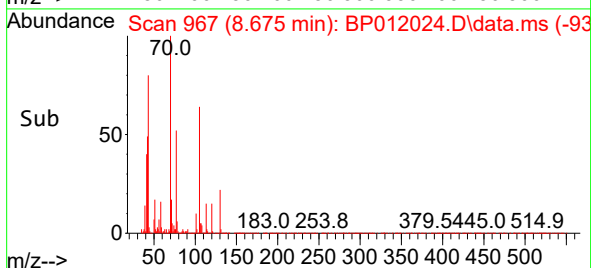
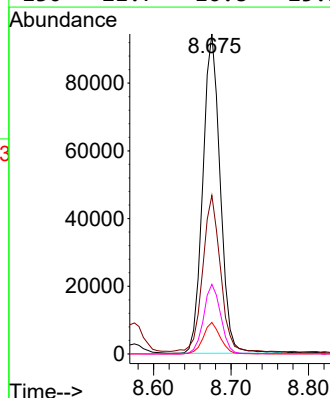
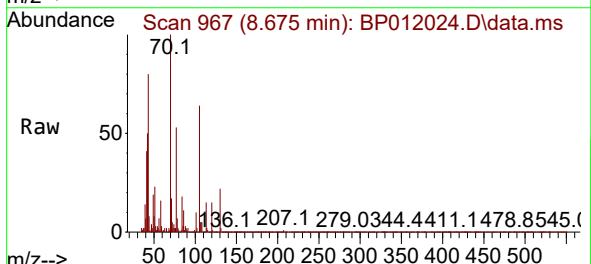
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SSTD020773

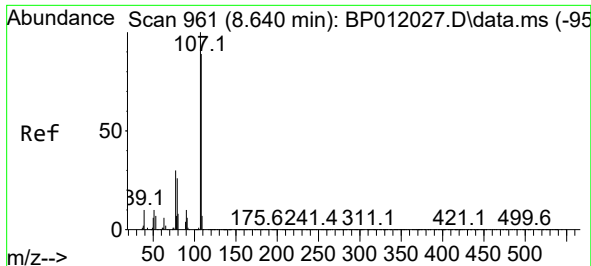
Tgt Ion:105 Resp: 324178
Ion Ratio Lower Upper
105 100
77 73.0 59.2 88.8
51 25.2 19.8 29.6



#17
N-Nitroso-di-n-propylamine
Concen: 17.172 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 70 Resp: 146916
Ion Ratio Lower Upper
70 100
42 49.6 39.9 59.9
101 9.8 7.0 10.6
130 21.7 16.8 25.2

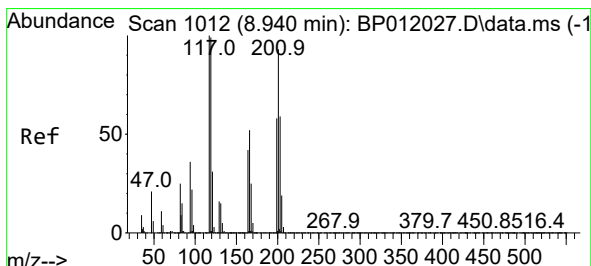
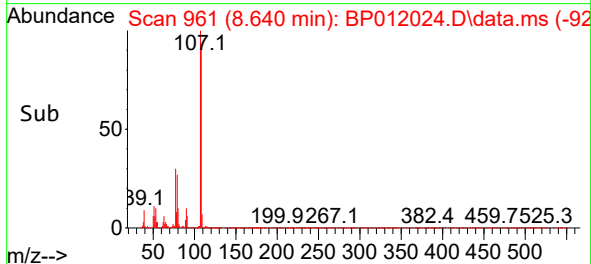
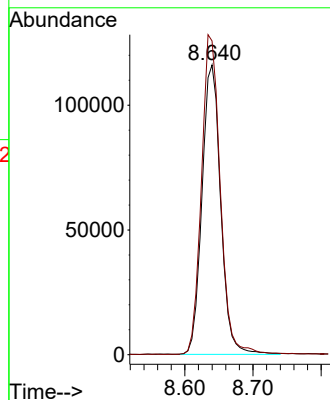
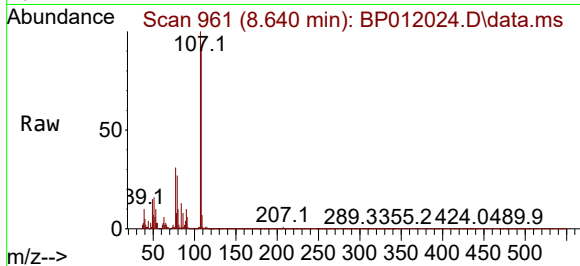




#18
4-Methylphenol
Concen: 17.042 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

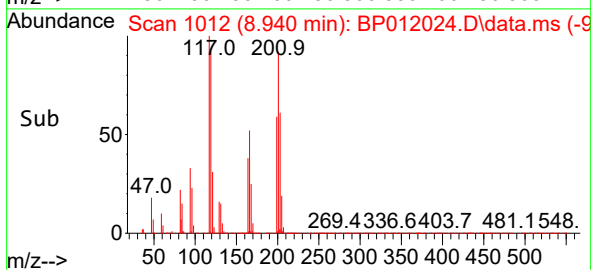
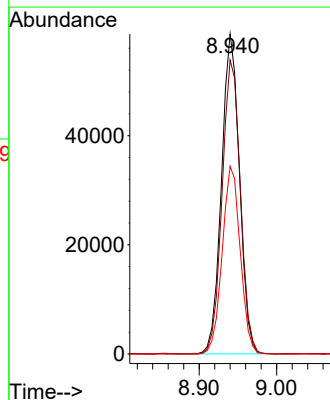
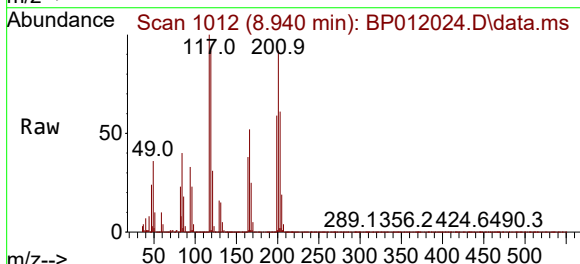
Instrument :
BNA_P
ClientSampleId :
SSTD020773

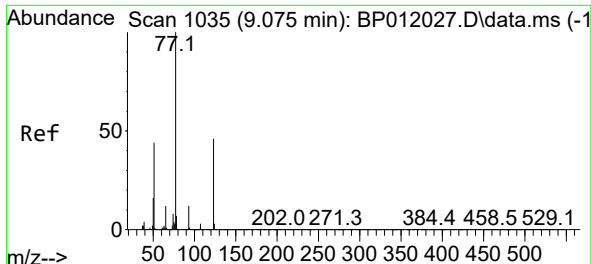
Tgt Ion:108 Resp: 221310
Ion Ratio Lower Upper
108 100
107 108.3 90.1 135.1



#19
Hexachloroethane
Concen: 20.781 ng/ul
RT: 8.940 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:117 Resp: 94343
Ion Ratio Lower Upper
117 100
201 91.8 74.2 111.4
199 58.6 46.3 69.5

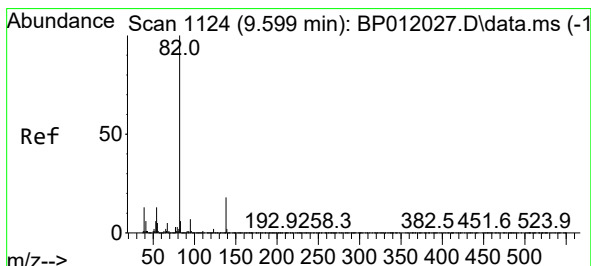
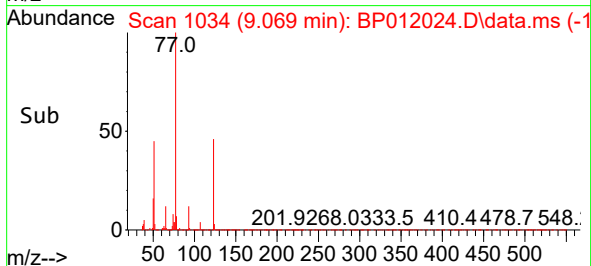
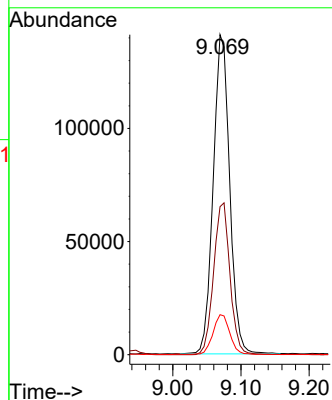
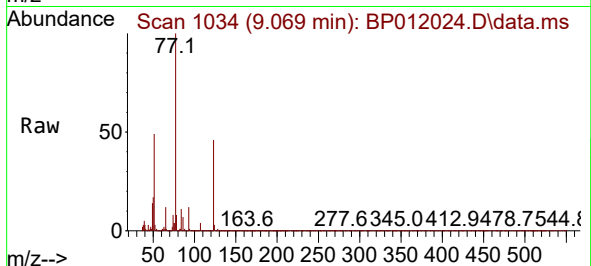




#22
Nitrobenzene
Concen: 21.206 ng/ul
RT: 9.069 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

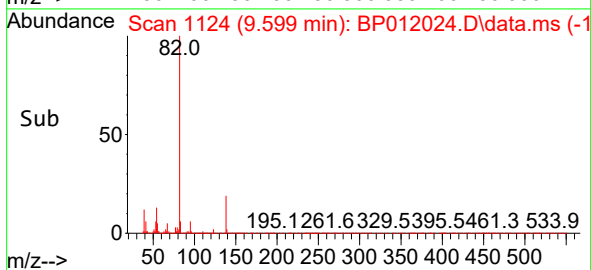
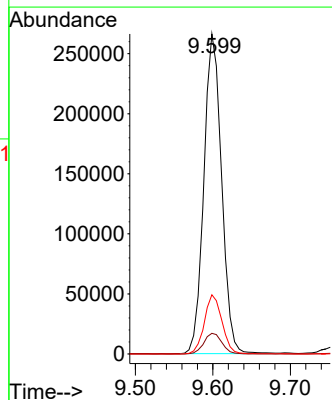
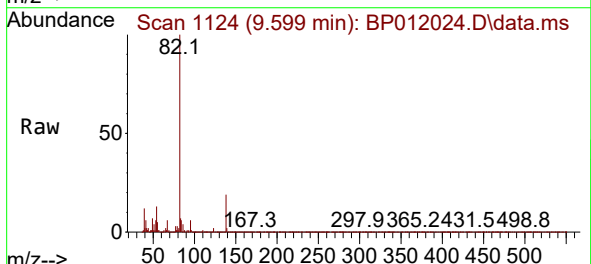
Instrument :
BNA_P
ClientSampleId :
SSTD020773

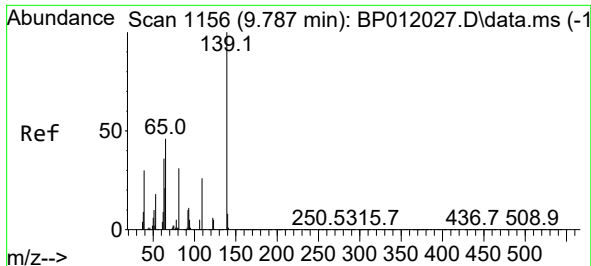
Tgt Ion: 77 Resp: 237340
Ion Ratio Lower Upper
77 100
123 46.3 36.6 54.8
65 12.5 9.6 14.4



#23
Isophorone
Concen: 18.650 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 82 Resp: 423432
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 18.5 14.4 21.6

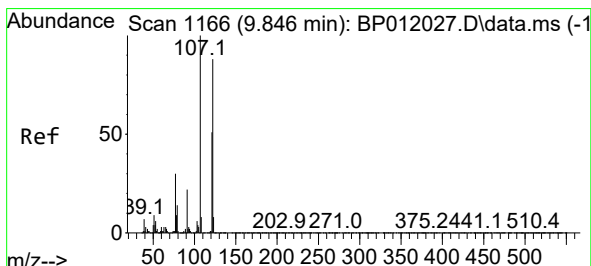
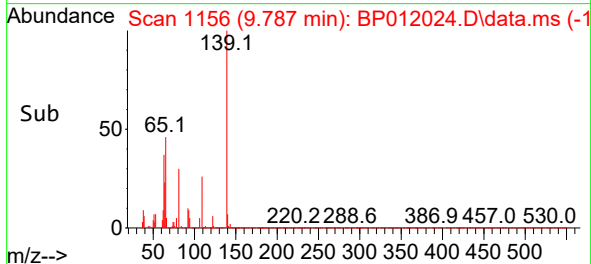
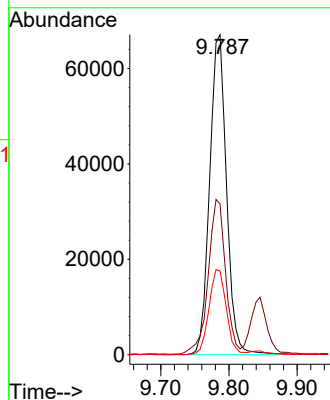
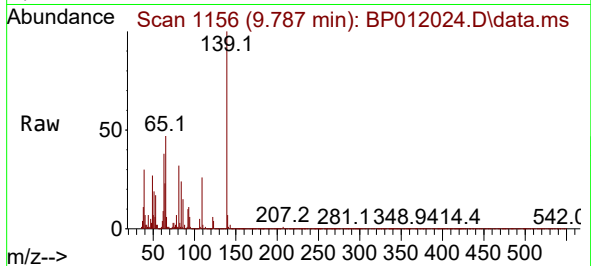




#25
2-Nitrophenol
Concen: 18.163 ng/ul
RT: 9.787 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

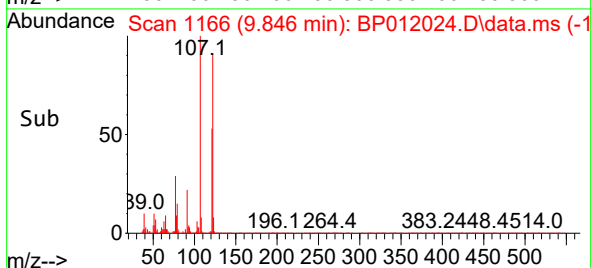
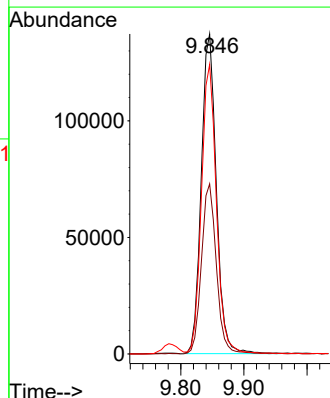
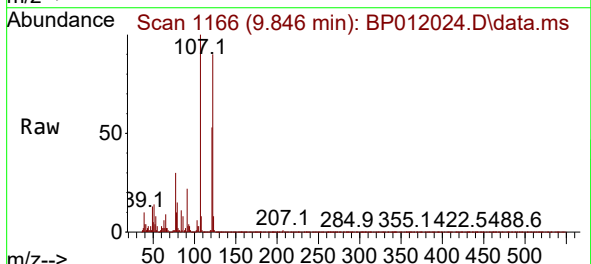
Instrument :
BNA_P
ClientSampleId :
SSTD020773

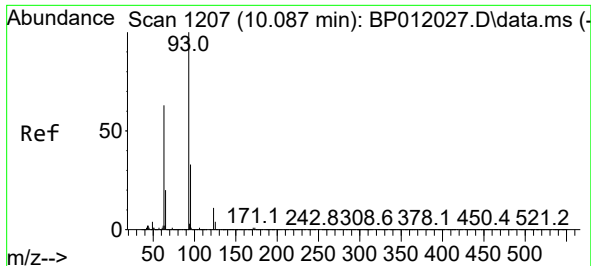
Tgt Ion:139 Resp: 115497
Ion Ratio Lower Upper
139 100
65 47.1 37.7 56.5
109 26.1 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 19.028 ng/ul
RT: 9.846 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:107 Resp: 227295
Ion Ratio Lower Upper
107 100
121 53.1 41.1 61.7
122 90.4 71.1 106.7

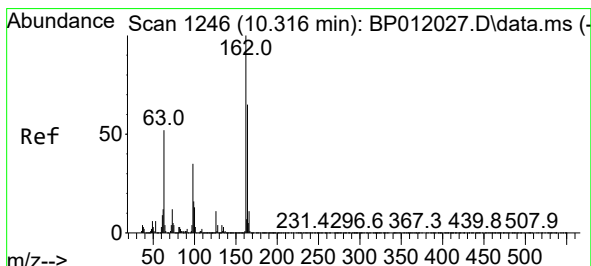
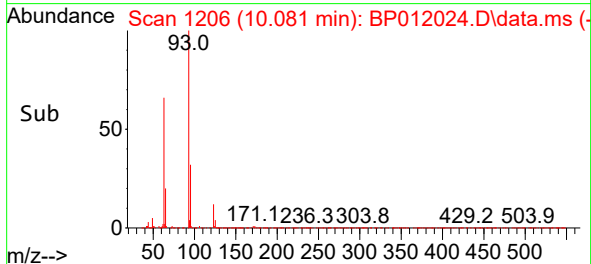
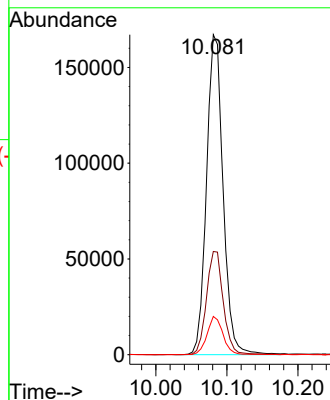
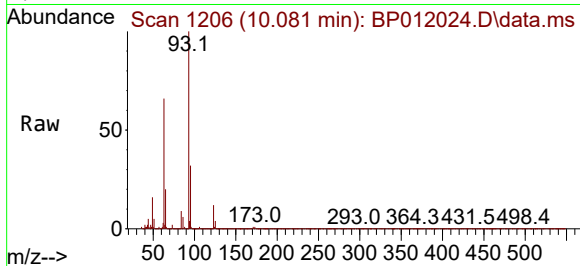




#27
Bis(2-Chloroethoxy)methane
Concen: 18.503 ng/ul
RT: 10.081 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

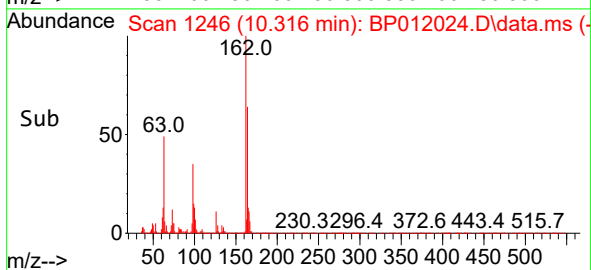
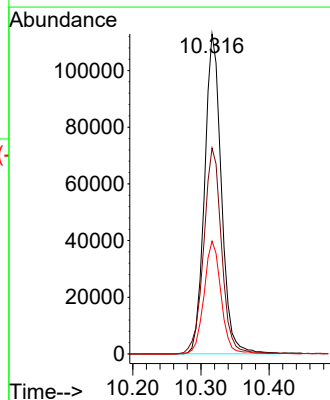
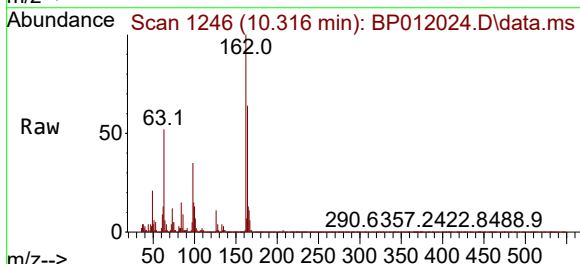
Instrument :
BNA_P
ClientSampleId :
SSTD020773

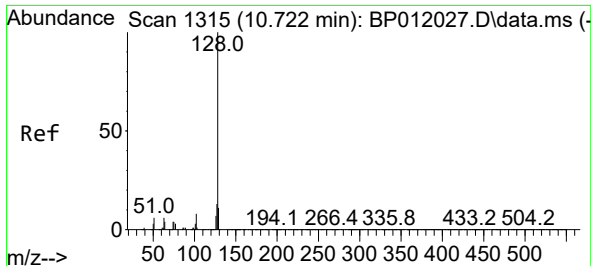
Tgt Ion: 93 Resp: 271026
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.2
123 11.9 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 18.107 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:162 Resp: 193217
Ion Ratio Lower Upper
162 100
164 64.4 52.5 78.7
98 35.2 27.9 41.9

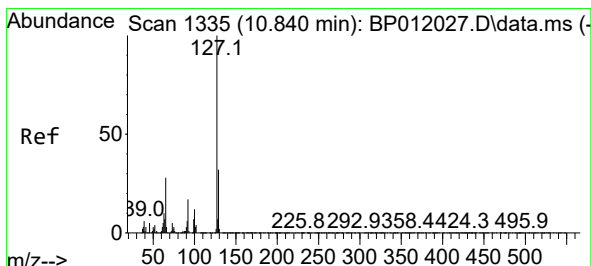
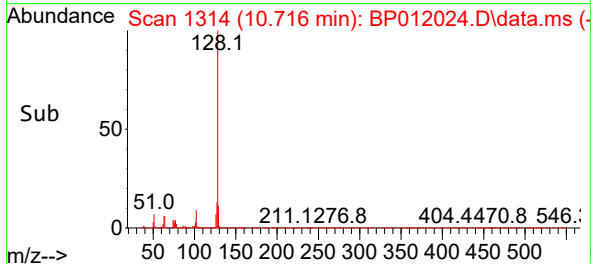
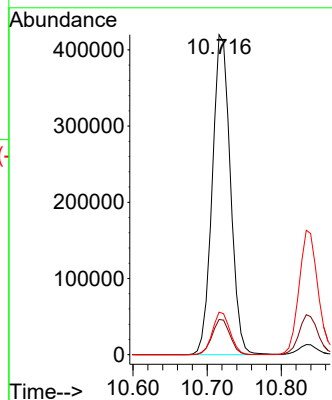
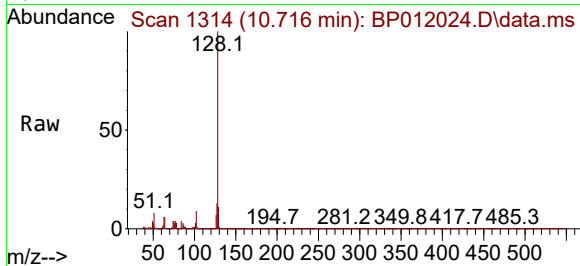




#30
Naphthalene
Concen: 19.442 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

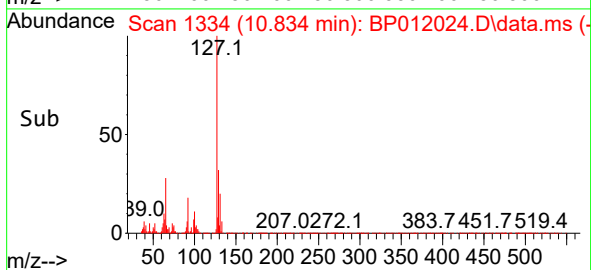
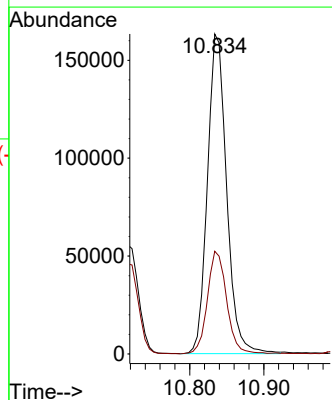
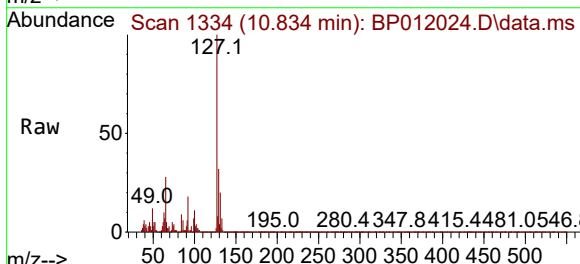
Instrument :
BNA_P
ClientSampleId :
SSTD020773

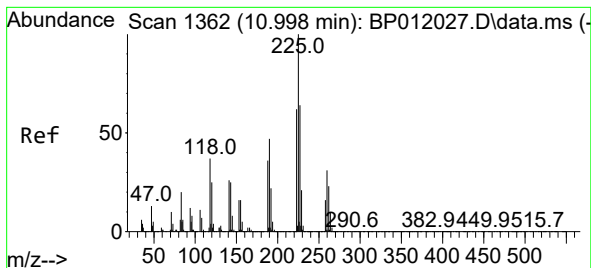
Tgt Ion:128 Resp: 713437
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.1 15.1



#32
4-Chloroaniline
Concen: 18.302 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:127 Resp: 293960
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8





#33

Hexachlorobutadiene

Concen: 18.381 ng/ul

RT: 10.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

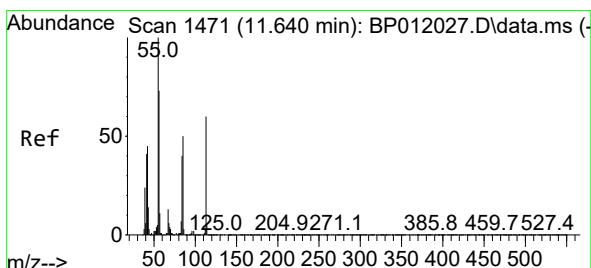
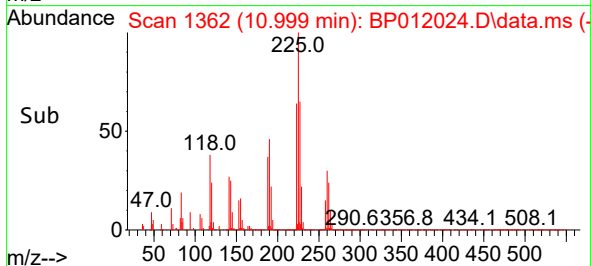
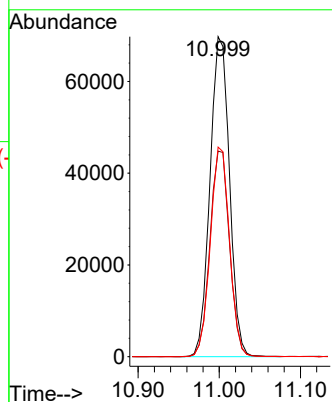
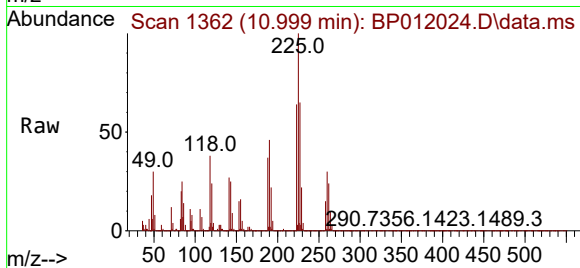
Tgt Ion:225 Resp: 116094

Ion Ratio Lower Upper

225 100

223 64.2 49.8 74.8

227 65.5 51.0 76.4



#34

Caprolactam

Concen: 19.478 ng/ul

RT: 11.634 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

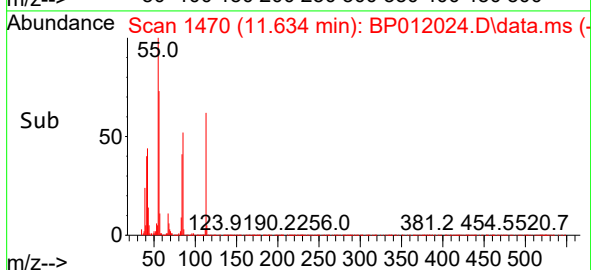
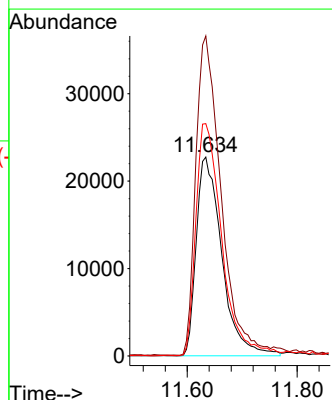
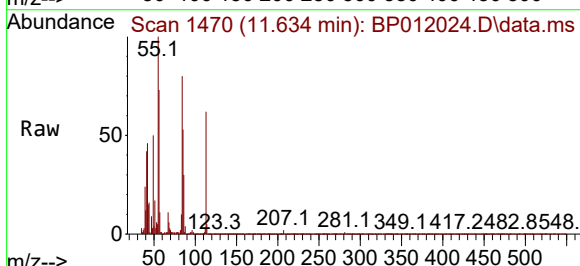
Tgt Ion:113 Resp: 73560

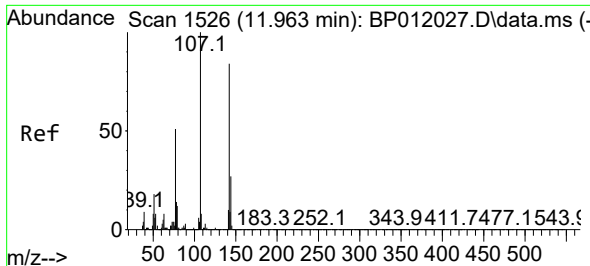
Ion Ratio Lower Upper

113 100

55 160.8 132.9 199.3

56 116.8 97.7 146.5

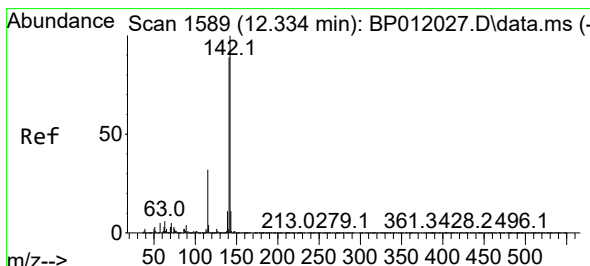
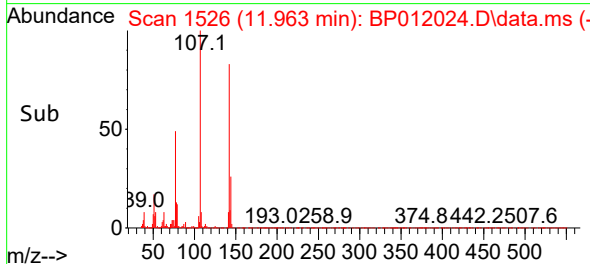
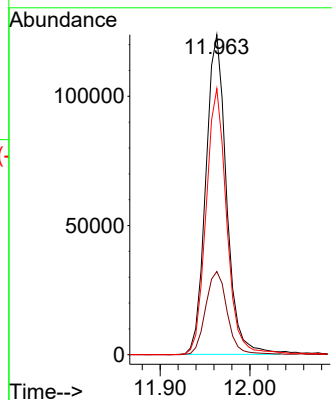
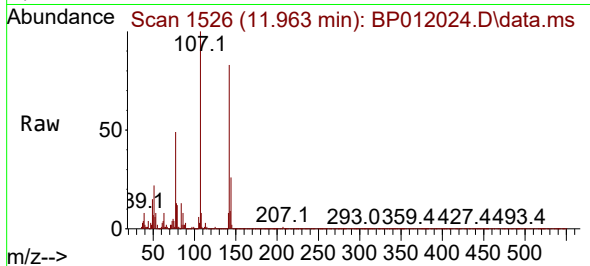




#35
4-Chloro-3-methylphenol
Concen: 17.570 ng/ul
RT: 11.963 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

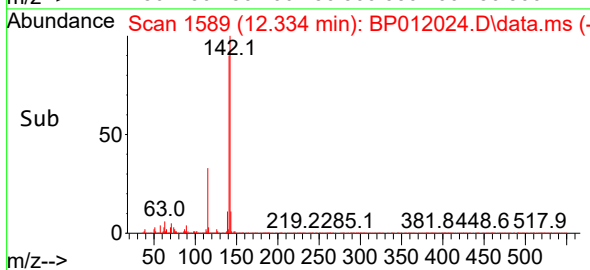
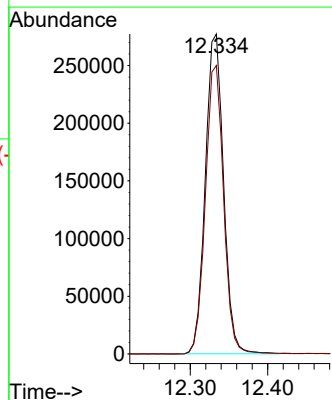
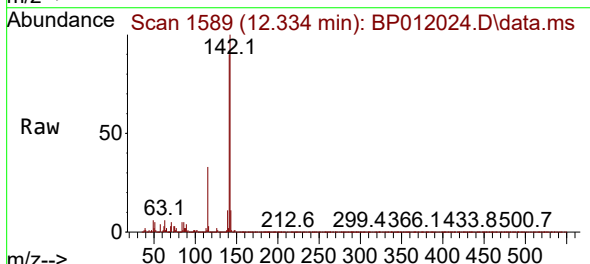
Instrument :
BNA_P
ClientSampleId :
SSTD020773

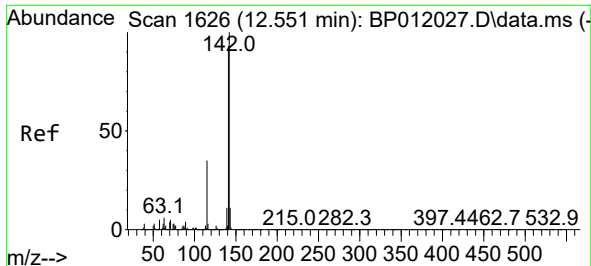
Tgt Ion:107 Resp: 198782
Ion Ratio Lower Upper
107 100
144 26.0 21.8 32.6
142 83.2 67.1 100.7



#36
2-Methylnaphthalene
Concen: 17.697 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:142 Resp: 453505
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.0





#37

1-Methylnaphthalene

Concen: 17.917 ng/ul

RT: 12.551 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

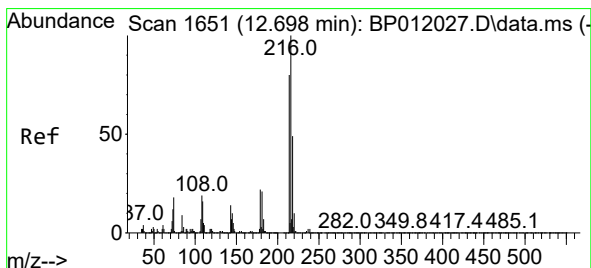
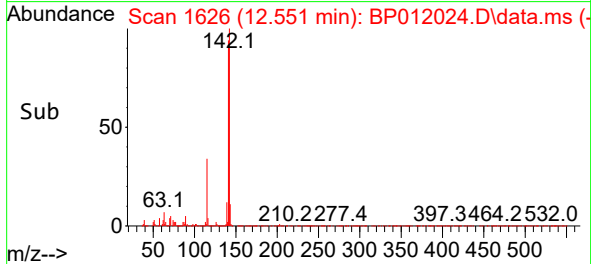
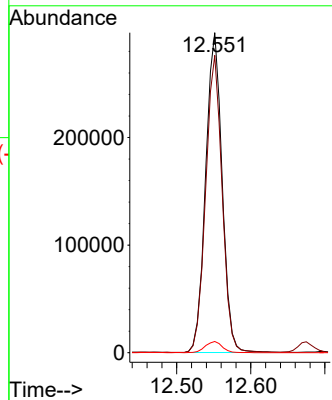
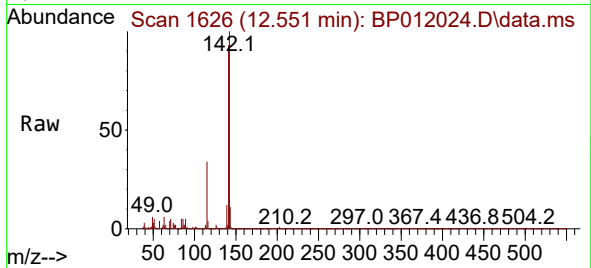
Tgt Ion:142 Resp: 460722

Ion Ratio Lower Upper

142 100

141 92.9 74.3 111.5

116 3.5 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.971 ng/ul

RT: 12.698 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Tgt Ion:216 Resp: 219215

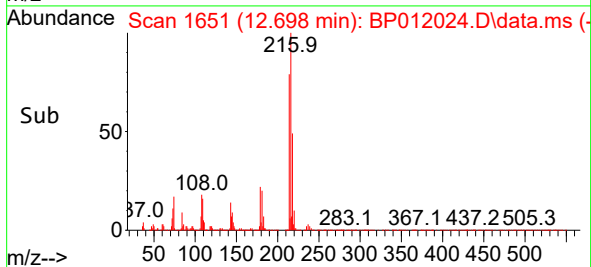
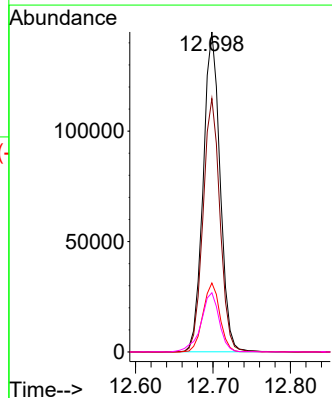
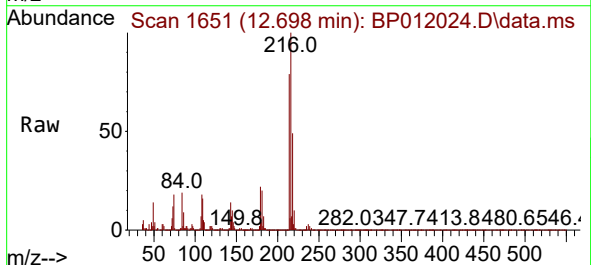
Ion Ratio Lower Upper

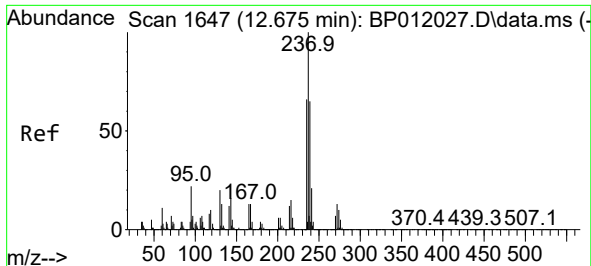
216 100

214 79.2 63.8 95.6

179 21.6 17.3 25.9

108 18.5 15.2 22.8

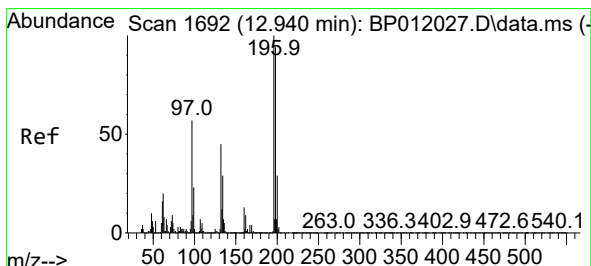
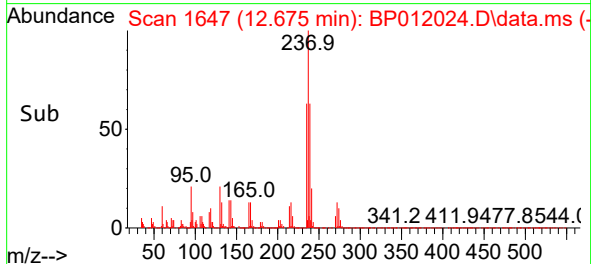
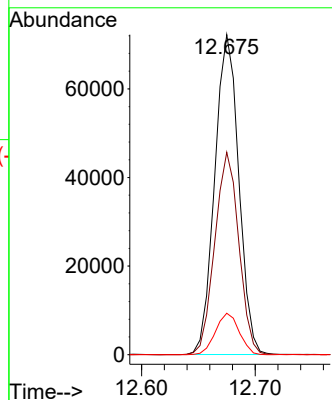
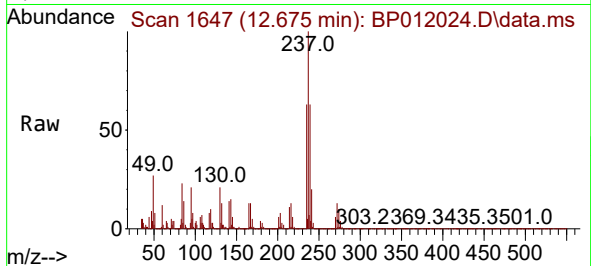




#40
Hexachlorocyclopentadiene
Concen: 16.104 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

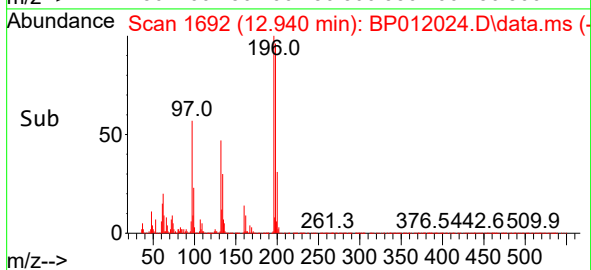
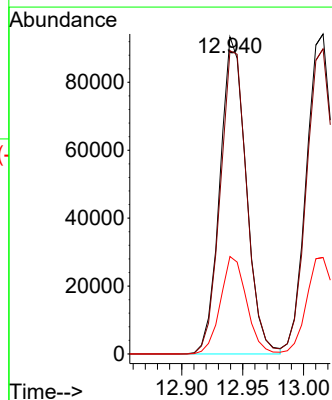
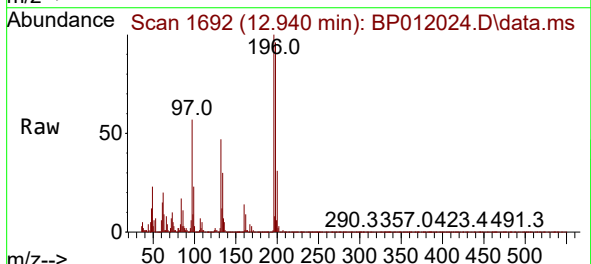
Instrument :
BNA_P
ClientSampleId :
SSTD020773

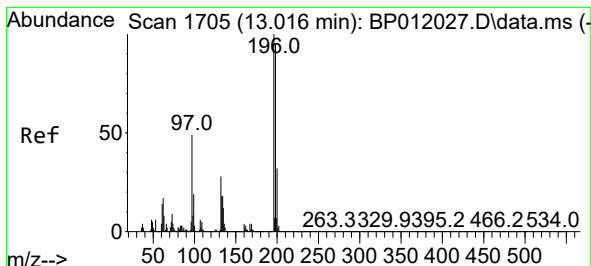
Tgt Ion:237 Resp: 106302
Ion Ratio Lower Upper
237 100
235 63.2 52.4 78.6
272 13.0 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 18.103 ng/ul
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:196 Resp: 140021
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
200 30.7 23.4 35.2

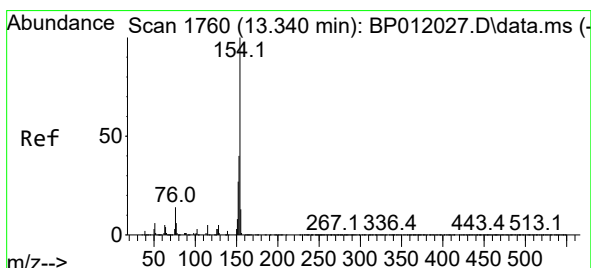
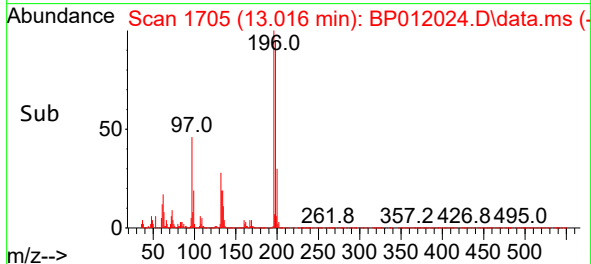
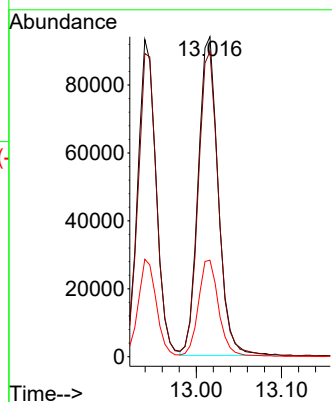
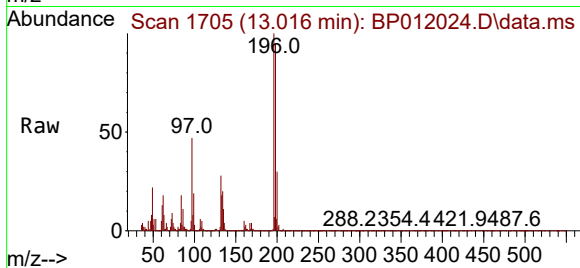




#42
2,4,5-Trichlorophenol
Concen: 18.173 ng/ul
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

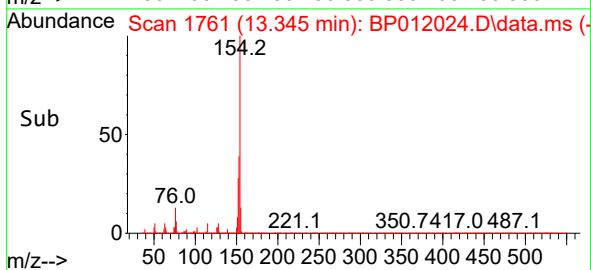
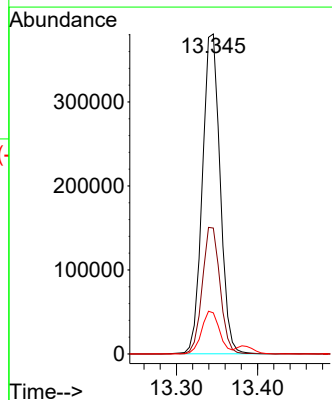
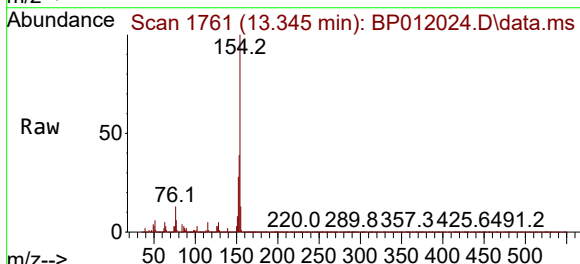
Instrument :
BNA_P
ClientSampleId :
SSTD020773

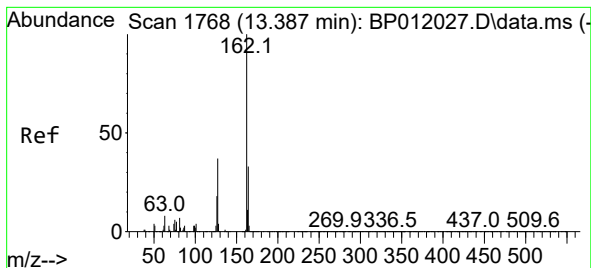
Tgt Ion:196 Resp: 153114
Ion Ratio Lower Upper
196 100
198 95.3 76.5 114.7
200 30.1 25.3 37.9



#43
1,1'-Biphenyl
Concen: 19.510 ng/ul
RT: 13.345 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:154 Resp: 574980
Ion Ratio Lower Upper
154 100
153 39.4 31.8 47.8
76 12.9 10.9 16.3

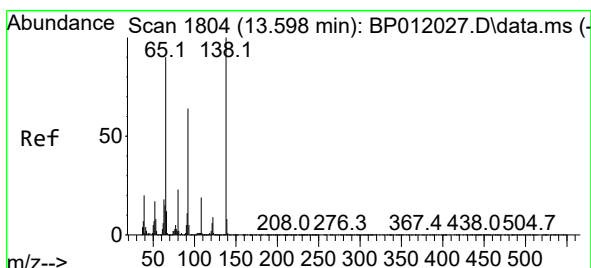
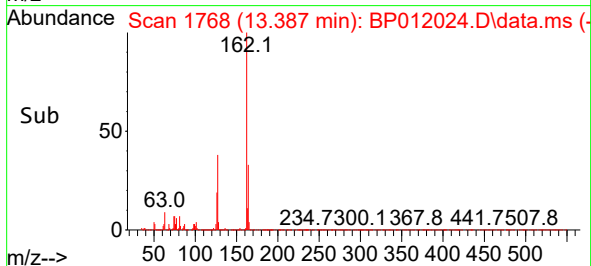
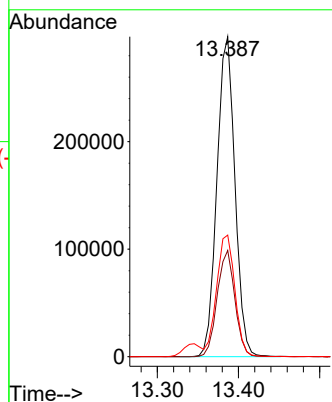
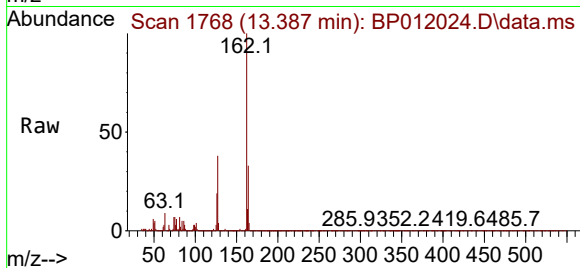




#44
2-Chloronaphthalene
Concen: 19.712 ng/ul
RT: 13.387 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

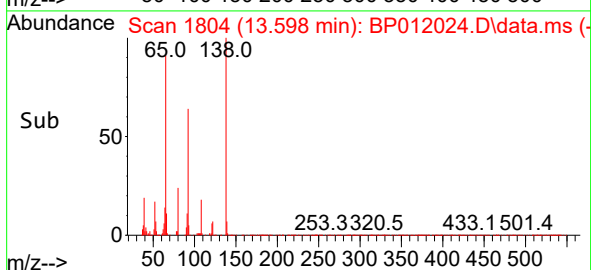
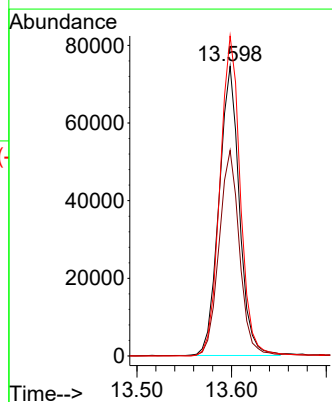
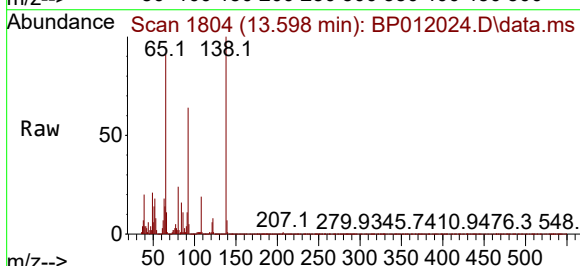
Instrument :
BNA_P
ClientSampleId :
SSTD020773

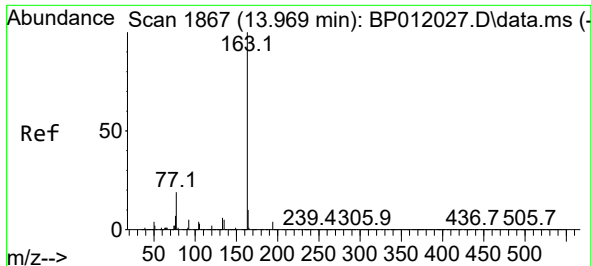
Tgt Ion:162 Resp: 459297
Ion Ratio Lower Upper
162 100
164 33.2 26.1 39.1
127 38.0 30.2 45.2



#45
2-Nitroaniline
Concen: 19.582 ng/ul
RT: 13.598 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion: 65 Resp: 111374
Ion Ratio Lower Upper
65 100
92 71.0 57.3 85.9
138 110.4 88.8 133.2

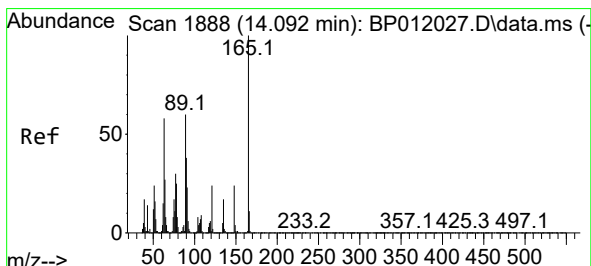
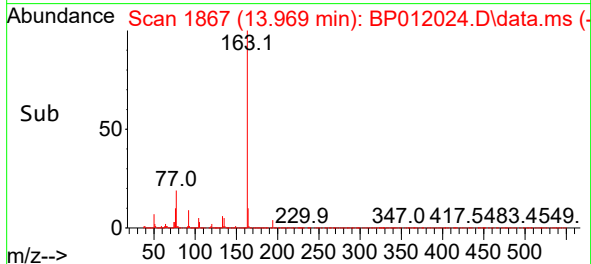
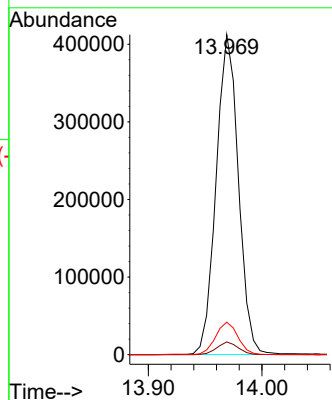
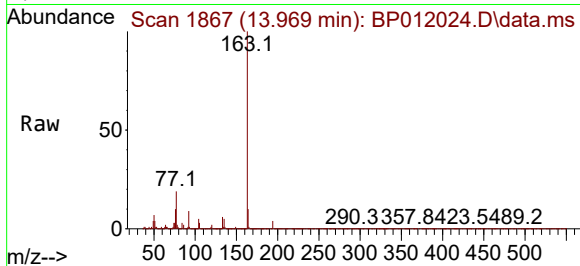




#47
Dimethylphthalate
Concen: 18.798 ng/ul
RT: 13.969 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

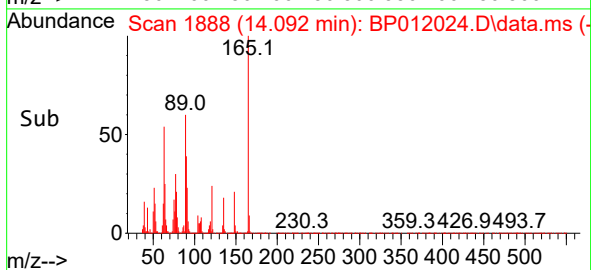
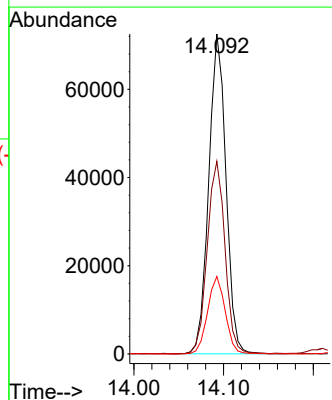
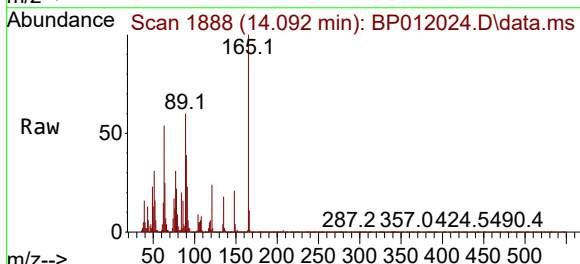
Instrument :
BNA_P
ClientSampleId :
SSTD020773

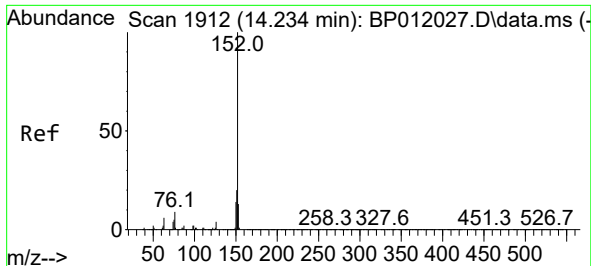
Tgt Ion:163 Resp: 561314
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 16.594 ng/ul
RT: 14.092 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:165 Resp: 96570
Ion Ratio Lower Upper
165 100
89 60.2 48.2 72.2
121 24.2 19.3 28.9

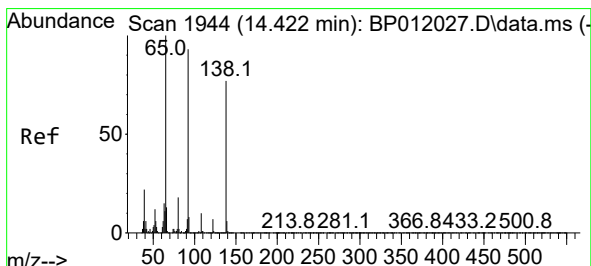
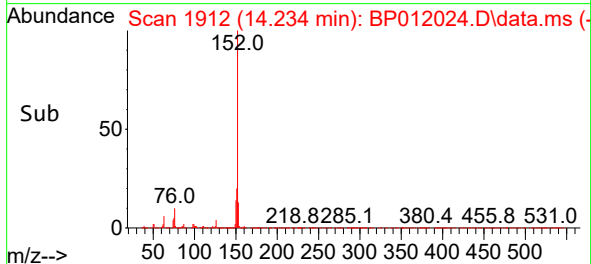
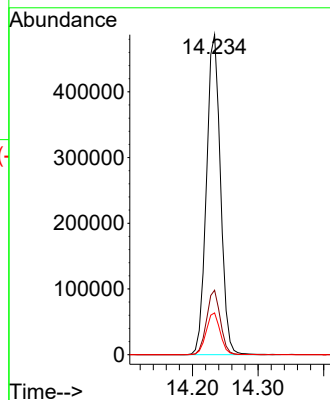
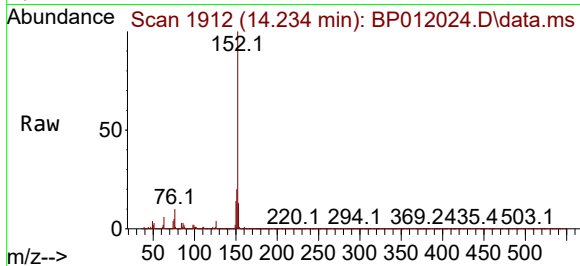




#50
Acenaphthylene
Concen: 20.051 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

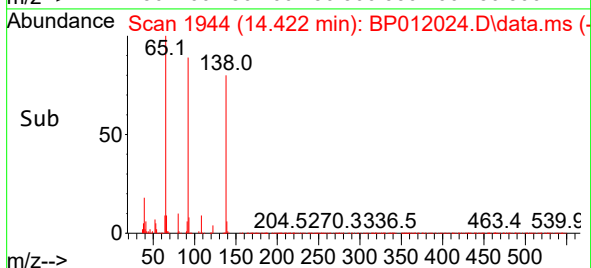
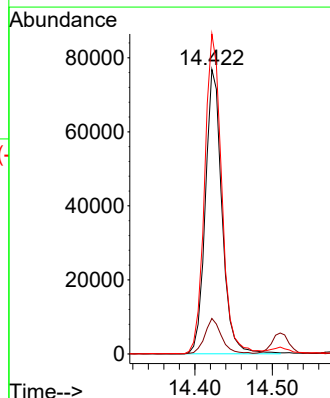
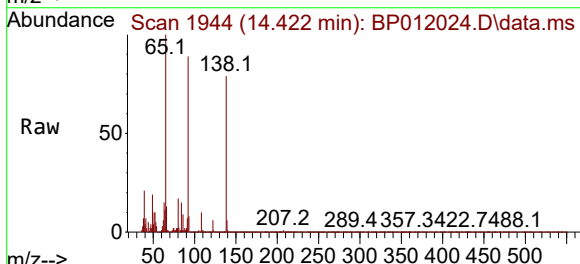
Instrument :
BNA_P
ClientSampleId :
SSTD020773

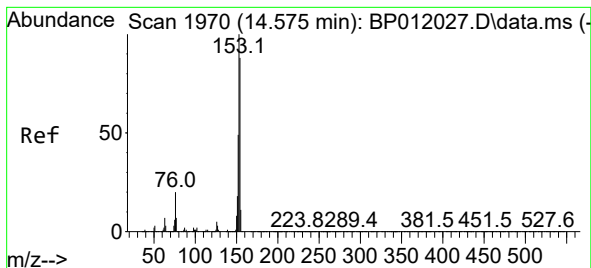
Tgt Ion:152 Resp: 723350
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 16.963 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:138 Resp: 114420
Ion Ratio Lower Upper
138 100
108 12.5 10.2 15.4
92 112.5 96.6 144.8





#52

Acenaphthene

Concen: 19.777 ng/ul

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

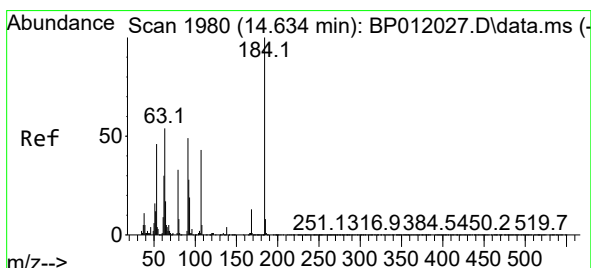
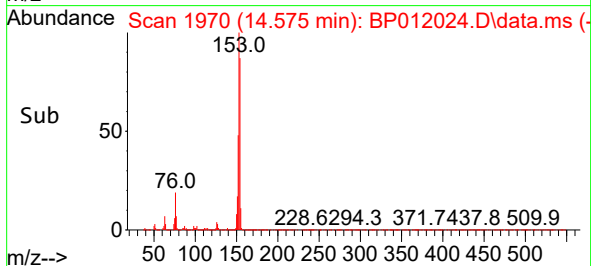
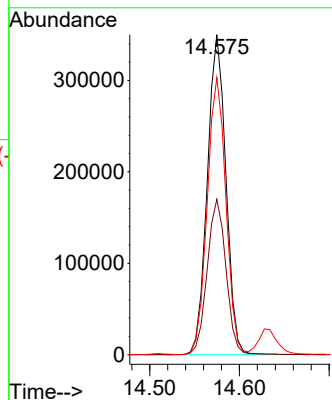
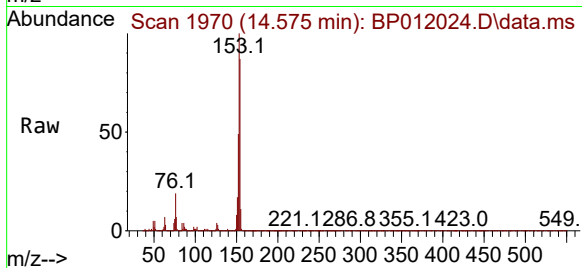
Tgt Ion:153 Resp: 503377

Ion Ratio Lower Upper

153 100

152 48.5 39.2 58.8

154 86.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 17.651 ng/ul

RT: 14.634 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

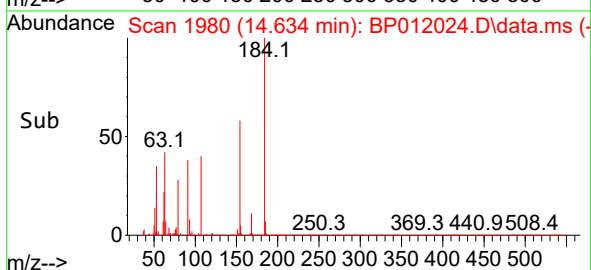
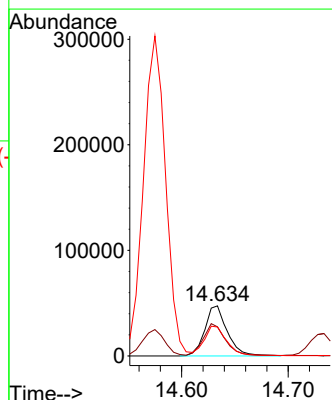
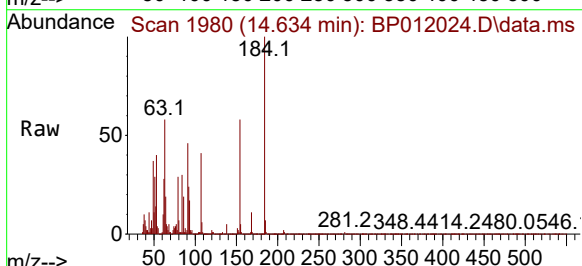
Tgt Ion:184 Resp: 69640

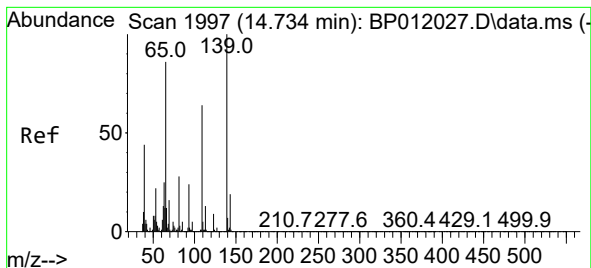
Ion Ratio Lower Upper

184 100

63 58.1 52.0 78.0

154 57.8 46.6 70.0

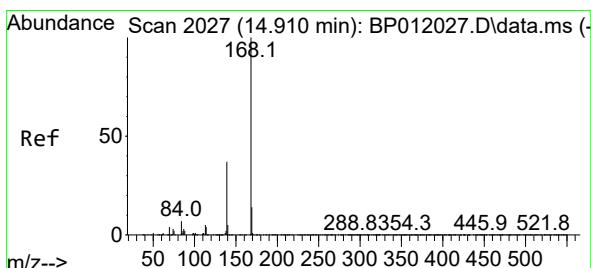
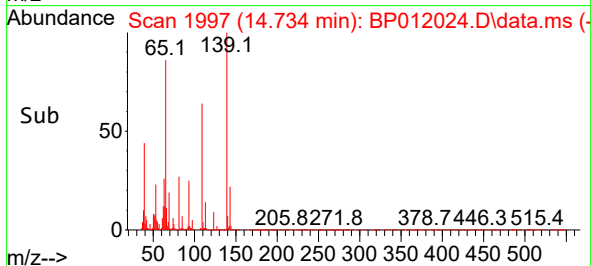
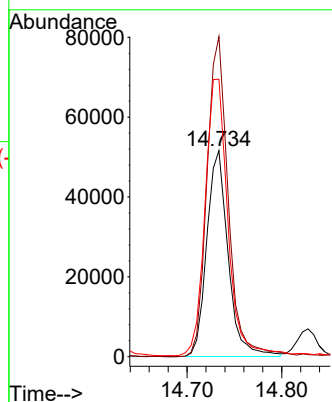
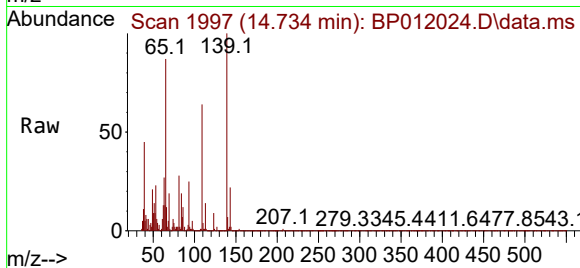




#55
4-Nitrophenol
Concen: 20.333 ng/ul
RT: 14.734 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

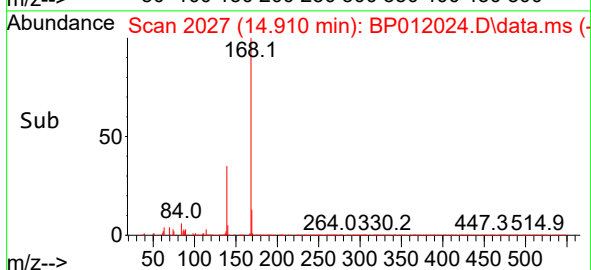
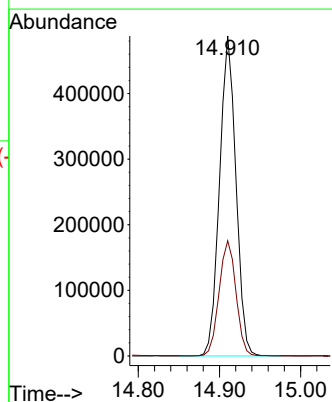
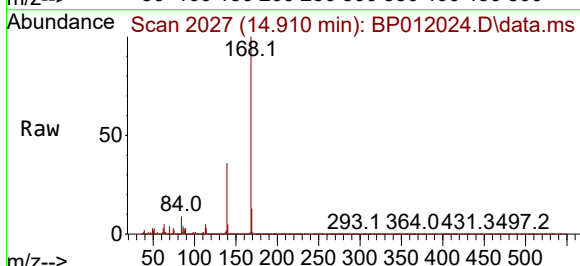
Instrument :
BNA_P
ClientSampleId :
SSTD020773

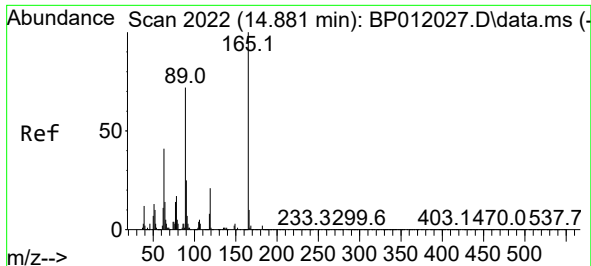
Tgt Ion:109 Resp: 80987
Ion Ratio Lower Upper
109 100
139 155.3 124.5 186.7
65 134.7 107.8 161.6



#56
Dibenzofuran
Concen: 19.651 ng/ul
RT: 14.910 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:168 Resp: 685036
Ion Ratio Lower Upper
168 100
139 36.0 30.0 45.0





#57

2,4-Dinitrotoluene

Concen: 18.416 ng/ul

RT: 14.881 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

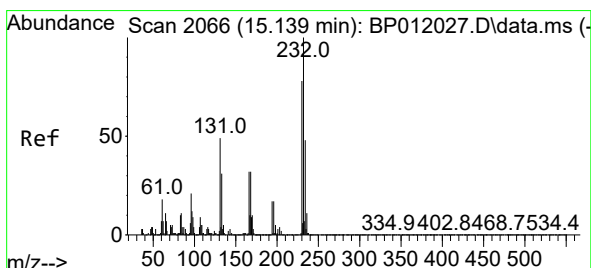
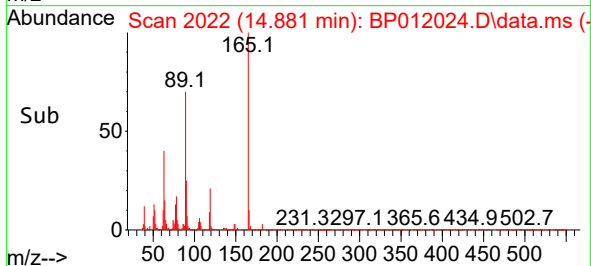
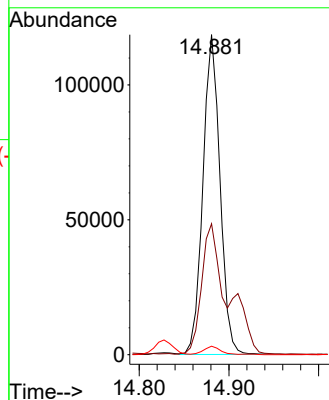
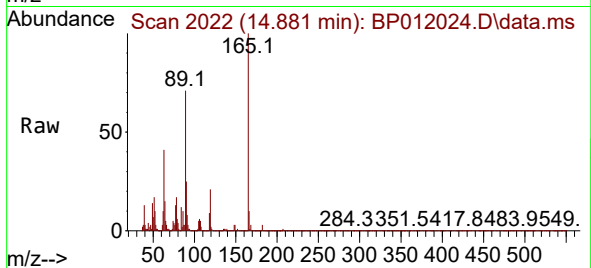
Tgt Ion:165 Resp: 156657

Ion Ratio Lower Upper

165 100

63 40.9 32.9 49.3

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.607 ng/ul

RT: 15.139 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Tgt Ion:232 Resp: 128876

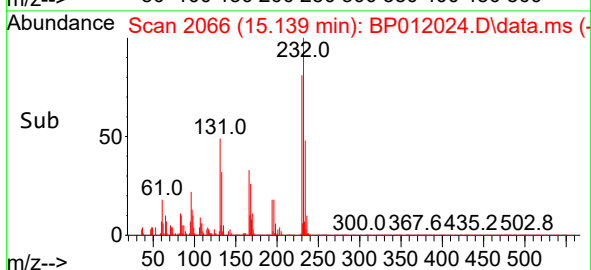
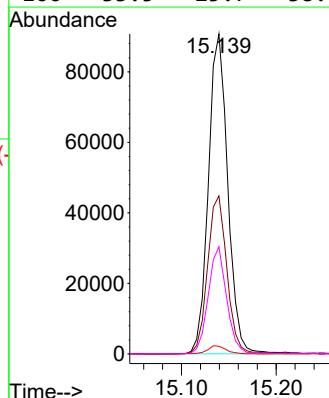
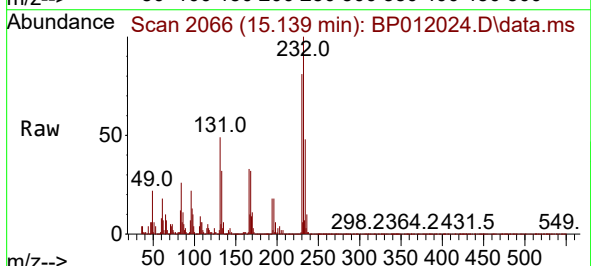
Ion Ratio Lower Upper

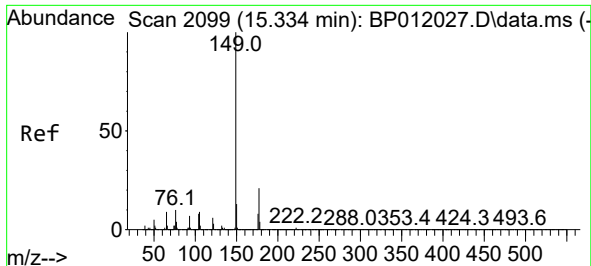
232 100

131 49.4 39.3 58.9

130 2.4 1.8 2.8

166 33.5 25.7 38.5





#59

Diethylphthalate

Concen: 18.928 ng/ul

RT: 15.334 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

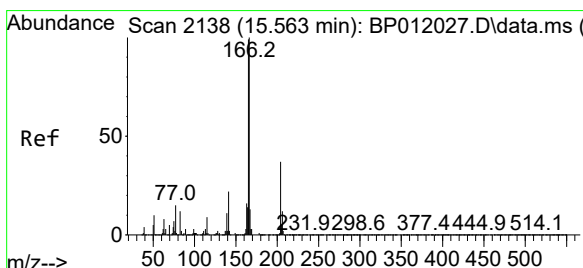
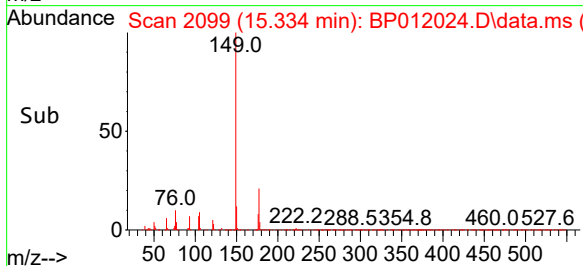
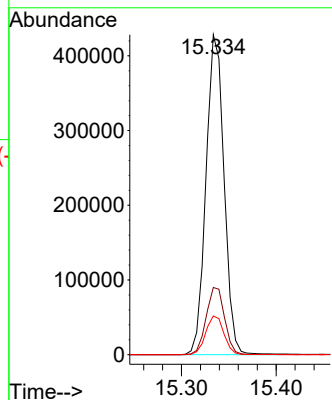
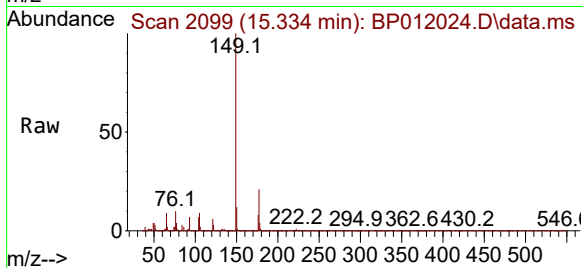
Tgt Ion:149 Resp: 566235

Ion Ratio Lower Upper

149 100

177 21.0 16.8 25.2

150 12.1 10.0 15.0



#61

Fluorene

Concen: 19.887 ng/ul

RT: 15.563 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

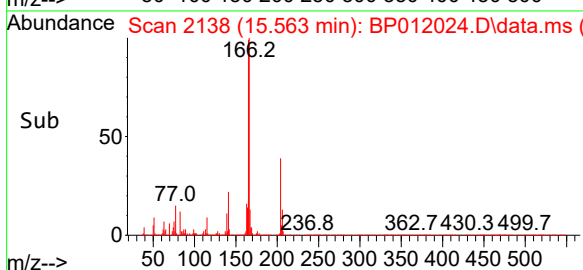
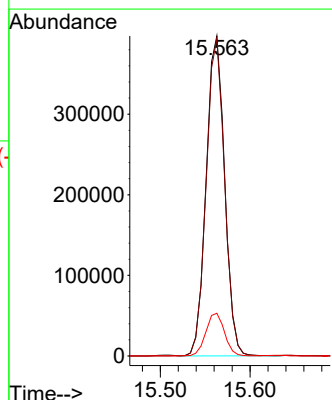
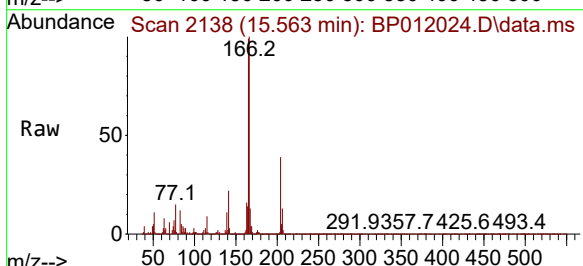
Tgt Ion:166 Resp: 567832

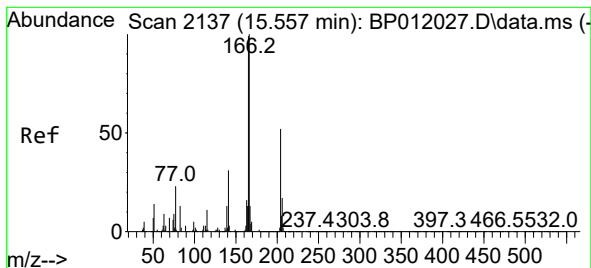
Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

167 13.4 10.7 16.1

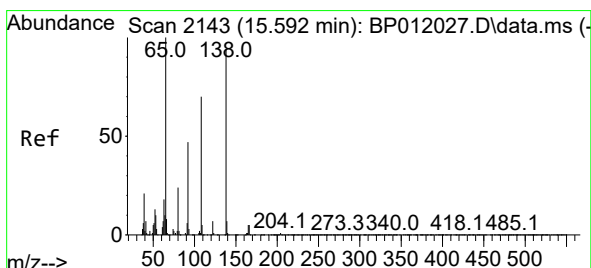
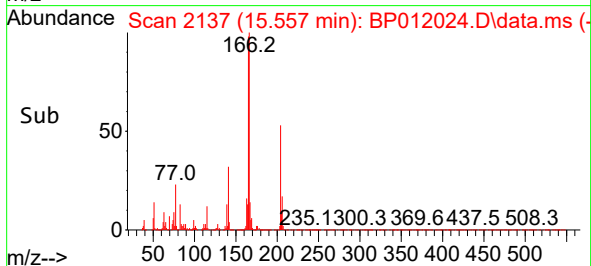
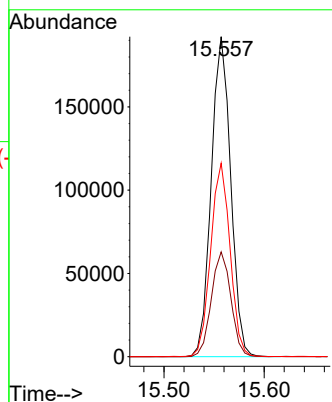
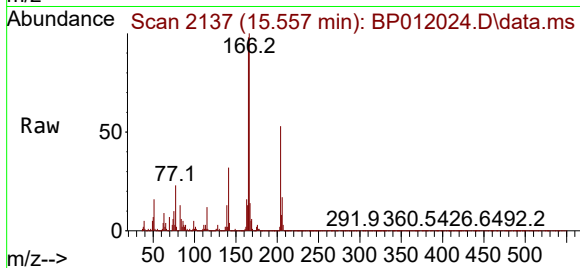




#62
4-Chlorophenyl-phenylether
Concen: 18.344 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

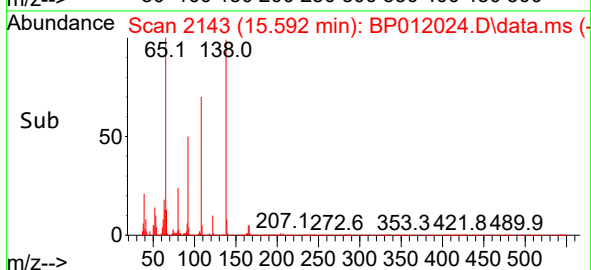
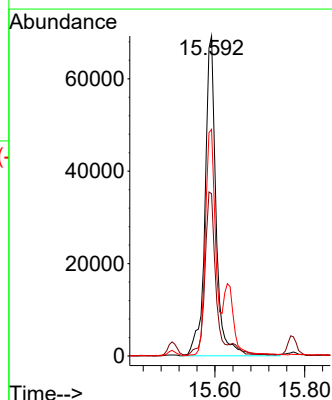
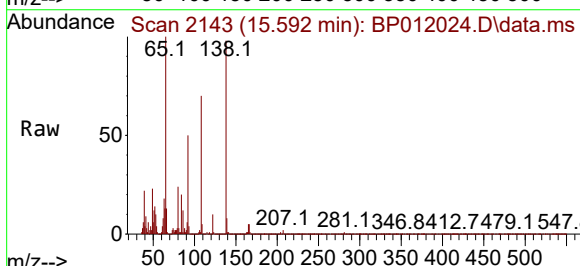
Instrument :
BNA_P
ClientSampleId :
SSTD020773

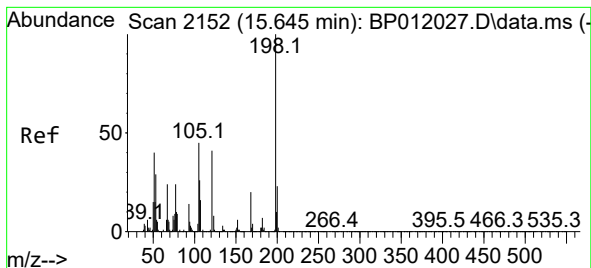
Tgt Ion:204 Resp: 259292
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 60.5 47.9 71.9



#63
4-Nitroaniline
Concen: 18.531 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:138 Resp: 119274
Ion Ratio Lower Upper
138 100
92 50.7 40.8 61.2
108 70.8 59.5 89.3

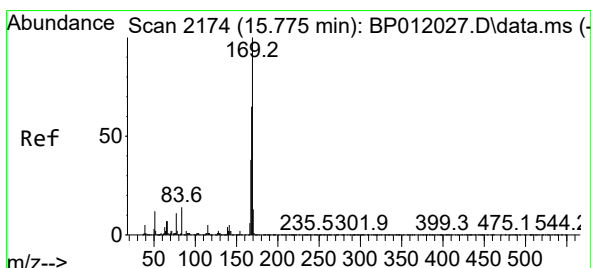
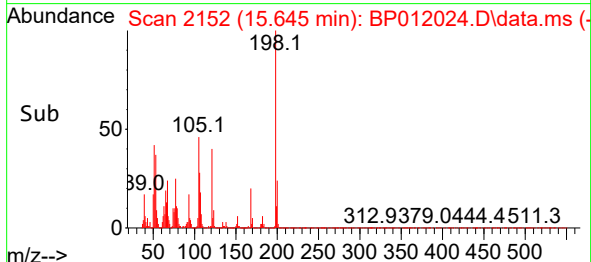
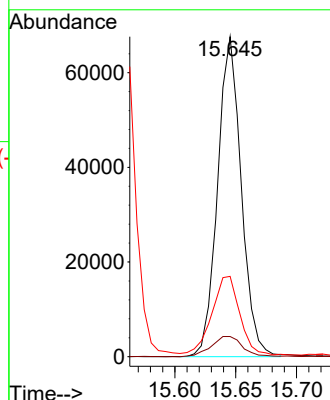
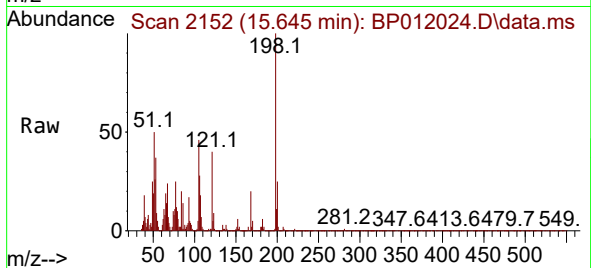




#66
4,6-Dinitro-2-methylphenol
Concen: 16.685 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

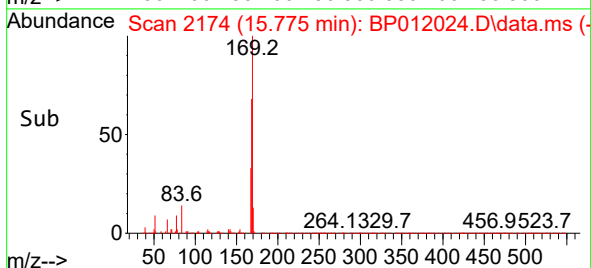
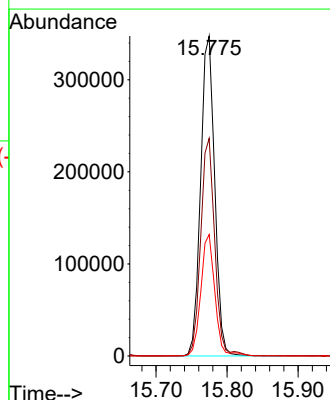
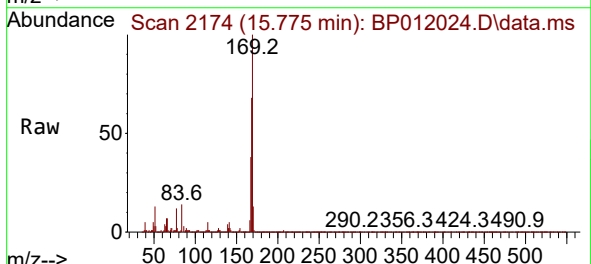
Instrument :
BNA_P
ClientSampleId :
SSTD020773

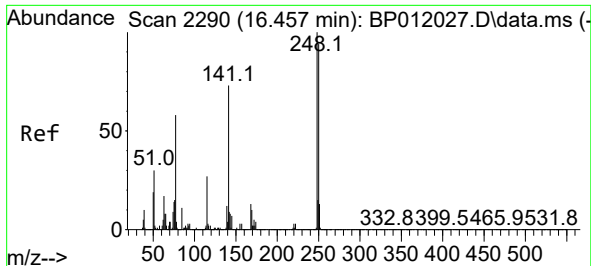
Tgt Ion:198 Resp: 91554
Ion Ratio Lower Upper
198 100
182 6.3 5.6 8.4
77 25.1 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 18.957 ng/ul
RT: 15.775 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:169 Resp: 478528
Ion Ratio Lower Upper
169 100
168 68.0 52.2 78.2
167 38.0 30.1 45.1

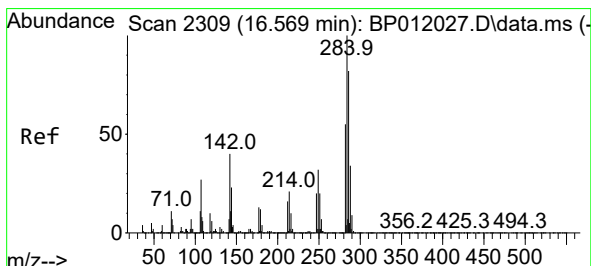
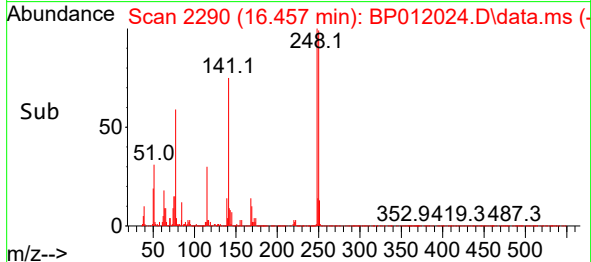
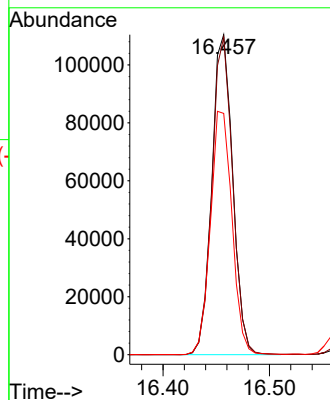
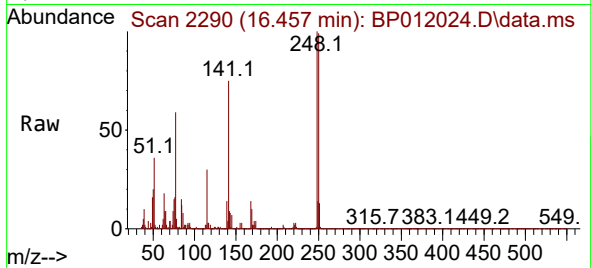




#68
4-Bromophenyl-phenylether
Concen: 17.320 ng/ul
RT: 16.457 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

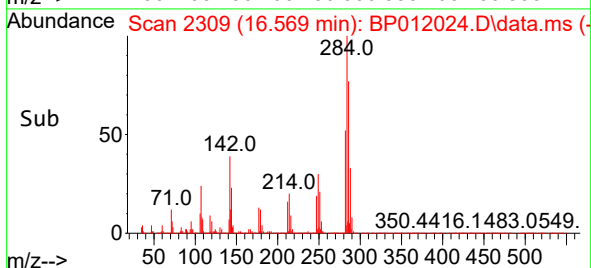
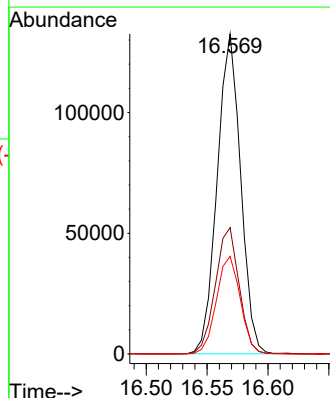
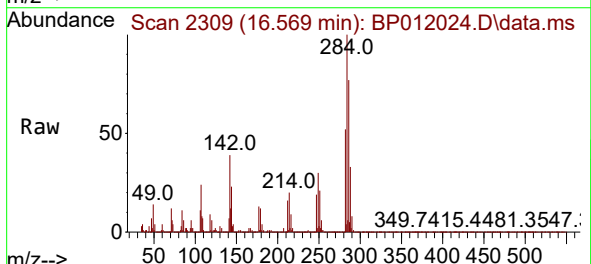
Instrument :
BNA_P
ClientSampleId :
SSTD020773

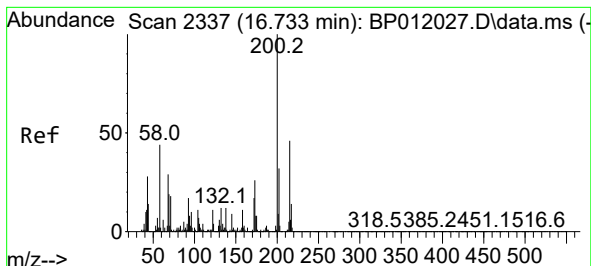
Tgt Ion:248 Resp: 150752
Ion Ratio Lower Upper
248 100
250 99.1 75.1 112.7
141 75.4 58.8 88.2



#69
Hexachlorobenzene
Concen: 17.928 ng/ul
RT: 16.569 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:284 Resp: 177574
Ion Ratio Lower Upper
284 100
142 39.5 32.1 48.1
249 30.5 26.0 39.0





#70

Atrazine

Concen: 17.446 ng/ul

RT: 16.733 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

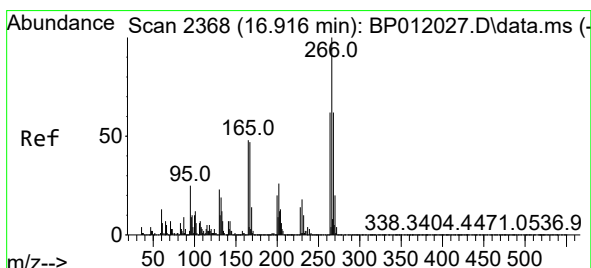
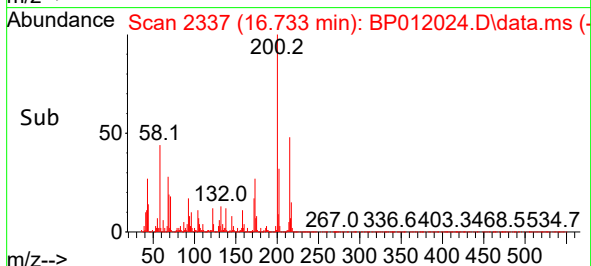
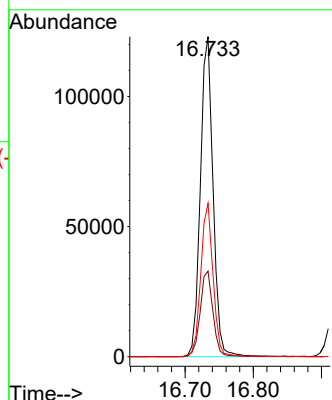
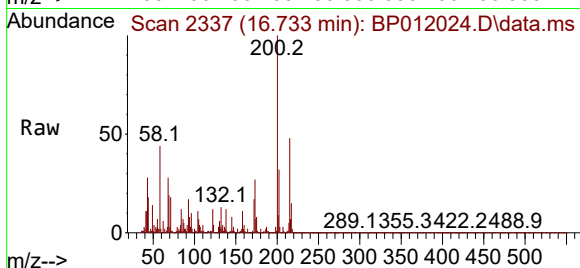
Tgt Ion:200 Resp: 158901

Ion Ratio Lower Upper

200 100

173 26.7 20.9 31.3

215 47.9 37.0 55.4



#71

Pentachlorophenol

Concen: 15.610 ng/ul

RT: 16.916 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

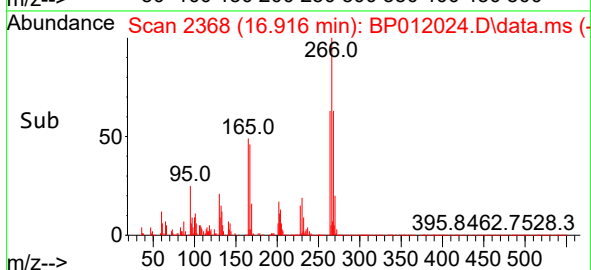
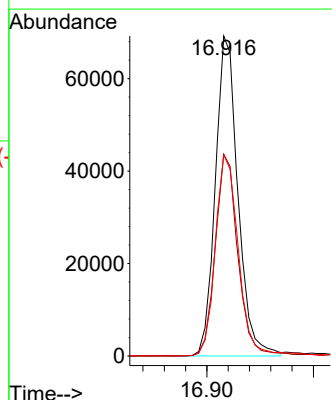
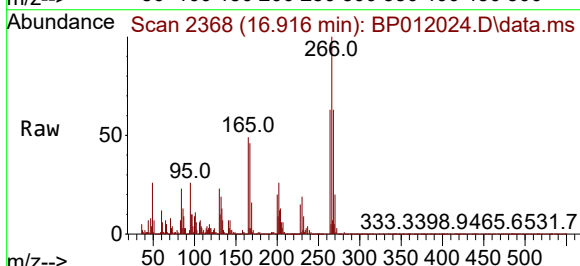
Tgt Ion:266 Resp: 101690

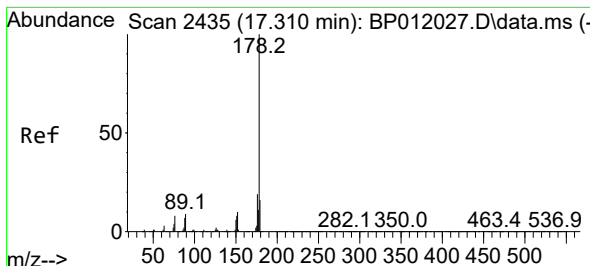
Ion Ratio Lower Upper

266 100

264 63.1 49.7 74.5

268 62.8 49.7 74.5





#72

Phenanthrene

Concen: 19.951 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

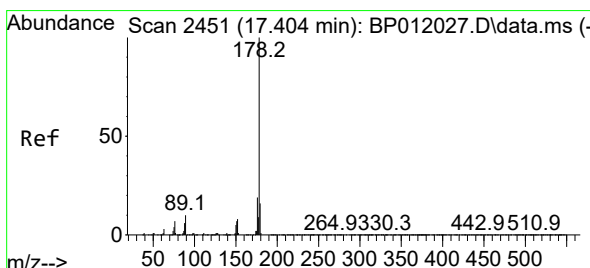
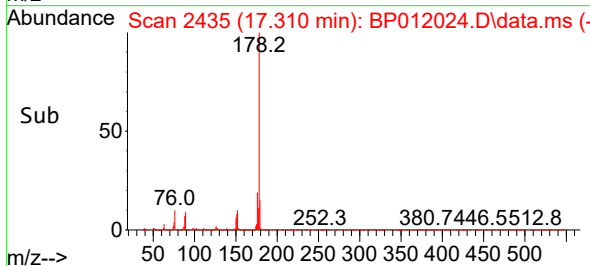
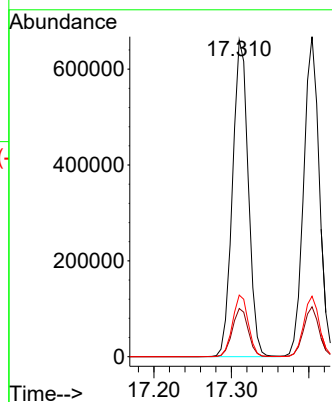
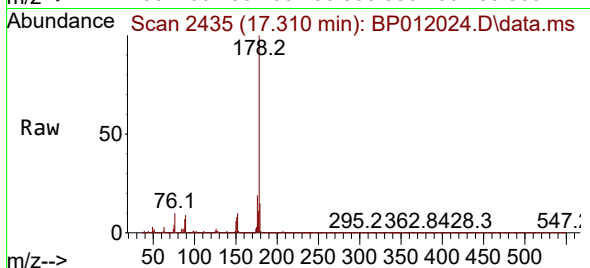
Tgt Ion:178 Resp: 938252

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 19.5 15.5 23.3



#74

Anthracene

Concen: 19.875 ng/ul

RT: 17.404 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

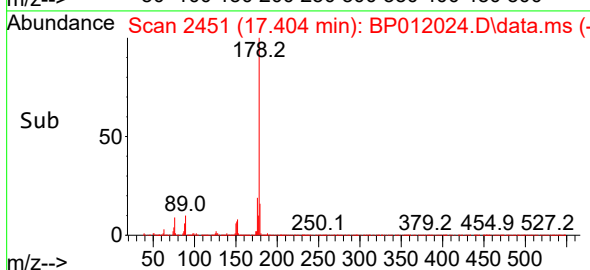
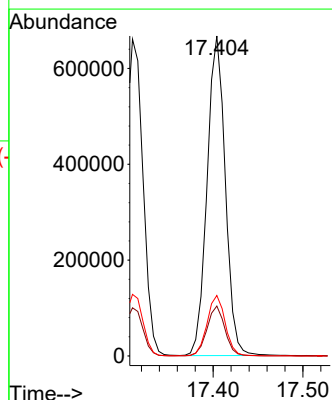
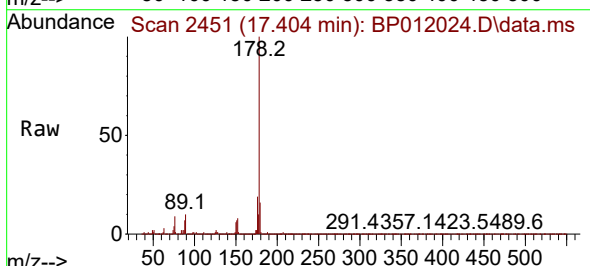
Tgt Ion:178 Resp: 940405

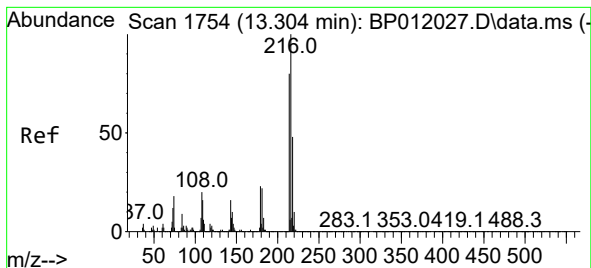
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.9 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.812 ng/uL

RT: 13.304 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

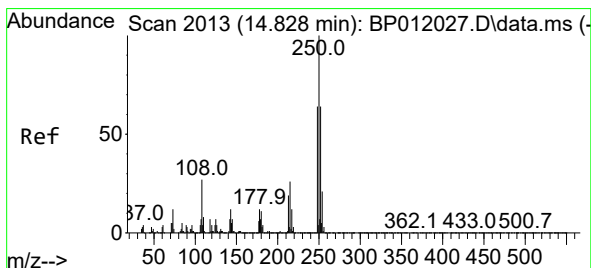
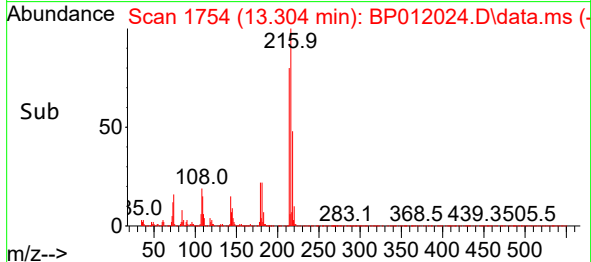
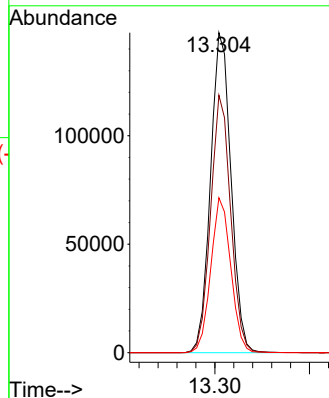
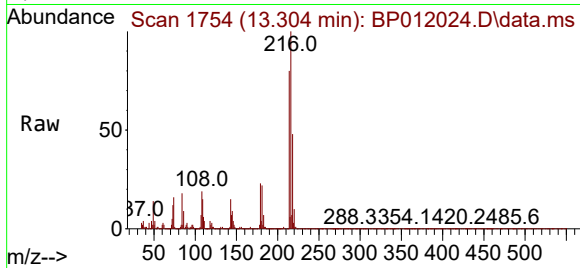
Tgt Ion:216 Resp: 222194

Ion Ratio Lower Upper

216 100

214 80.5 64.0 96.0

218 48.4 38.2 57.2



#76

Pentachlorobenzene

Concen: 18.076 ng/uL

RT: 14.828 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

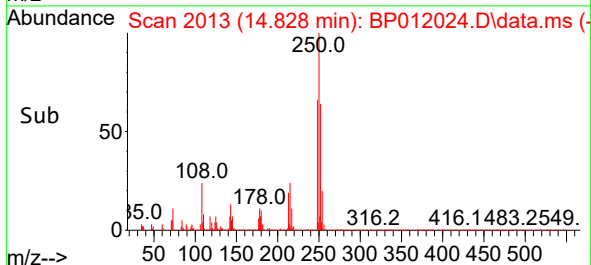
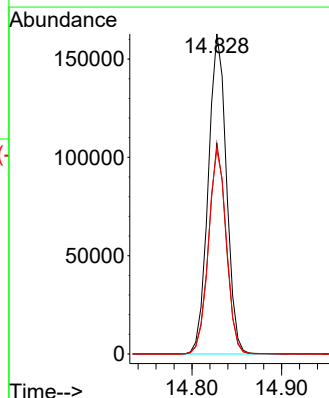
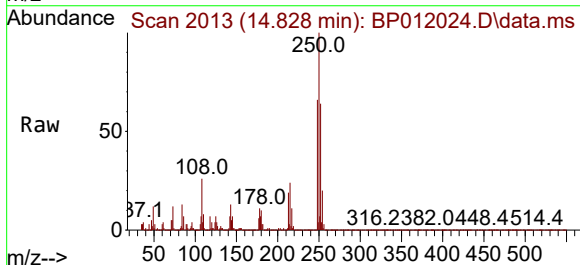
Tgt Ion:250 Resp: 228138

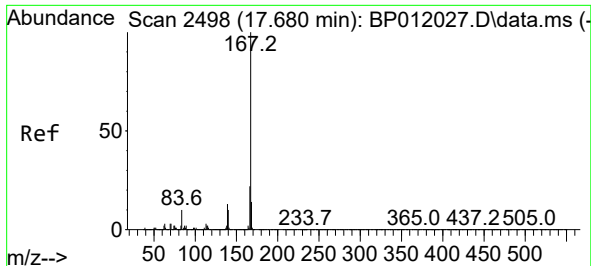
Ion Ratio Lower Upper

250 100

248 65.9 50.9 76.3

252 63.8 51.5 77.3

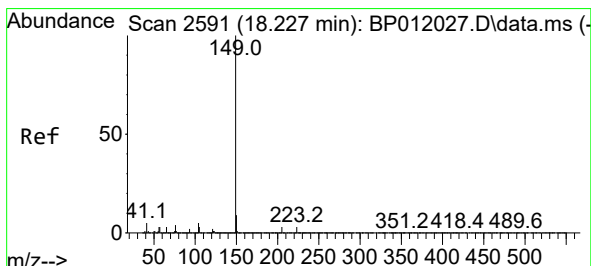
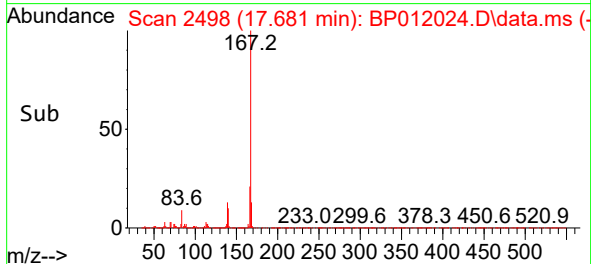
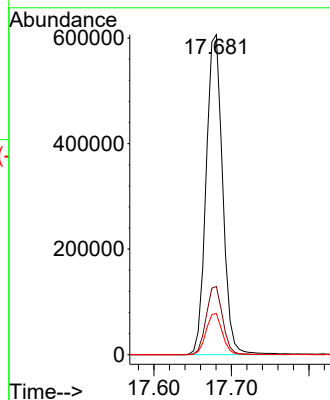
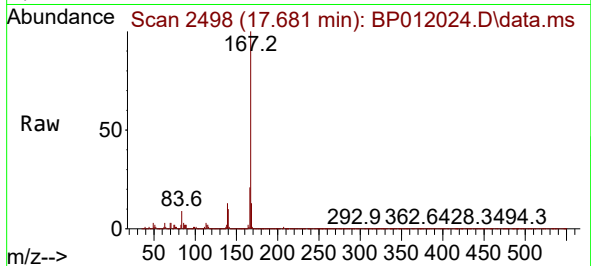




#77
 Carbazole
 Concen: 20.972 ng/ul
 RT: 17.681 min Scan# 2498
 Delta R.T. 0.000 min
 Lab File: BP012024.D
 Acq: 10 Oct 2022 15:31

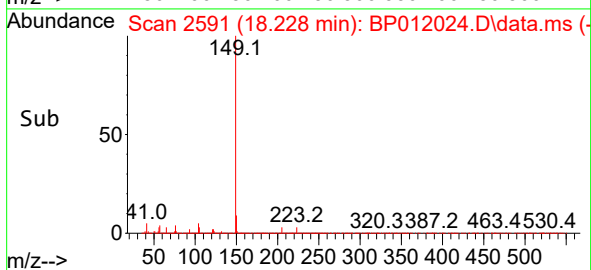
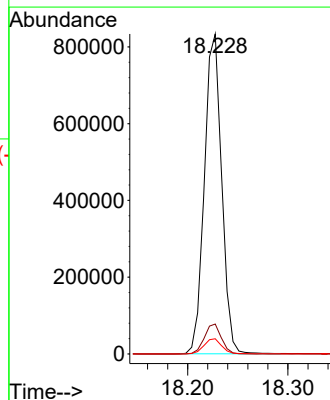
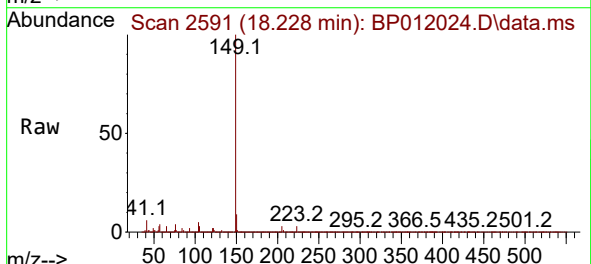
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020773

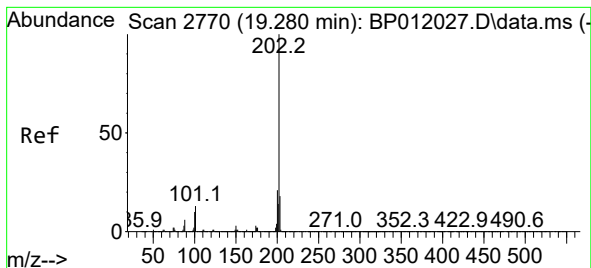
Tgt Ion:167 Resp: 896564
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.9 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 19.140 ng/ul
 RT: 18.228 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BP012024.D
 Acq: 10 Oct 2022 15:31

Tgt Ion:149 Resp: 1002051
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 4.7 3.7 5.5





#80

Fluoranthene

Concen: 18.379 ng/ul

RT: 19.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

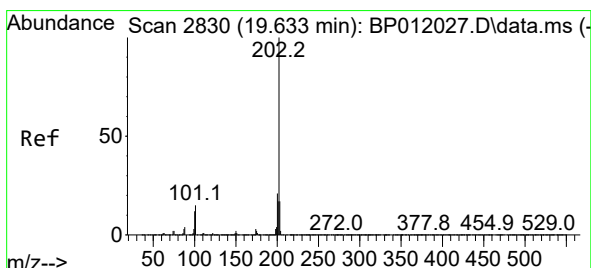
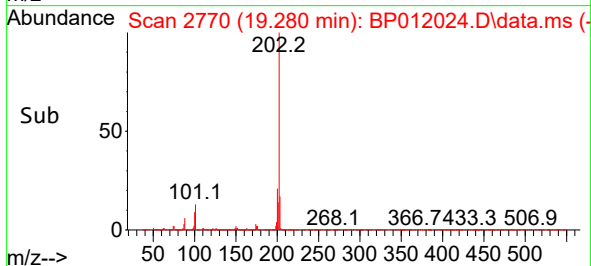
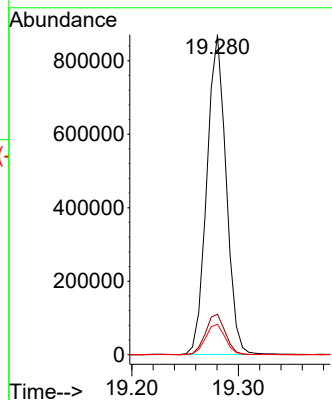
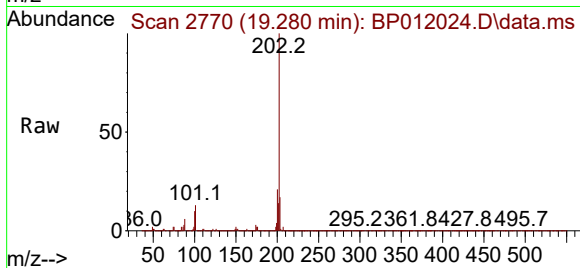
Tgt Ion:202 Resp: 1097618

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

100 9.5 7.7 11.5



#82

Pyrene

Concen: 19.021 ng/ul

RT: 19.633 min Scan# 2830

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

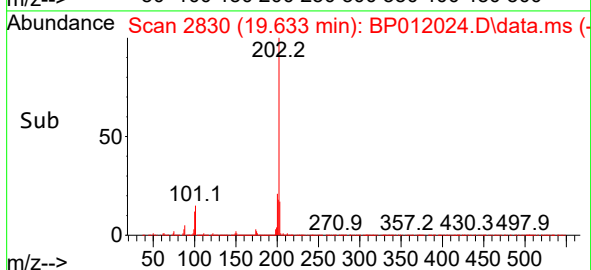
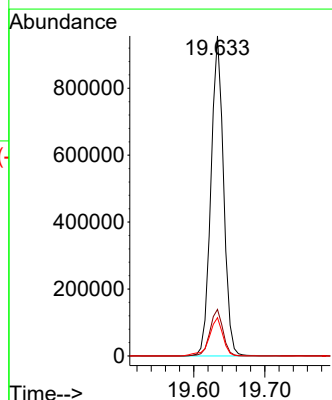
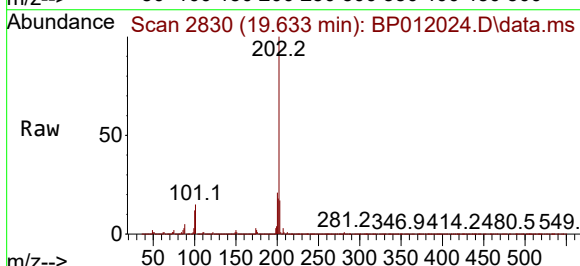
Tgt Ion:202 Resp: 1182762

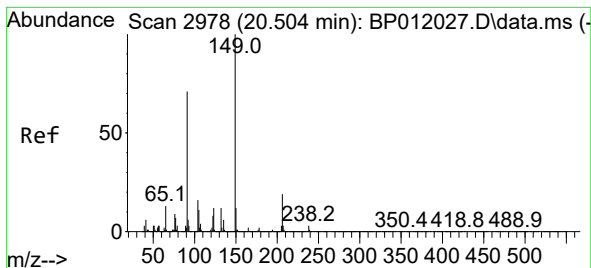
Ion Ratio Lower Upper

202 100

101 14.6 11.6 17.4

100 12.0 9.8 14.8





#83

Butylbenzylphthalate

Concen: 17.455 ng/ul

RT: 20.504 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

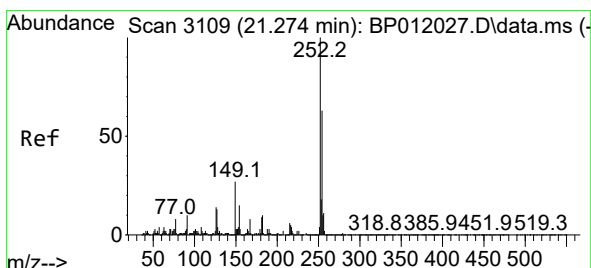
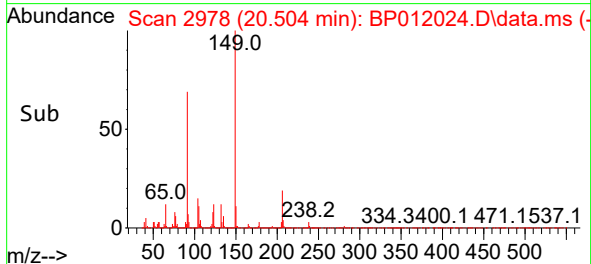
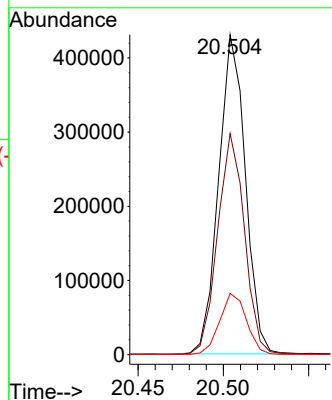
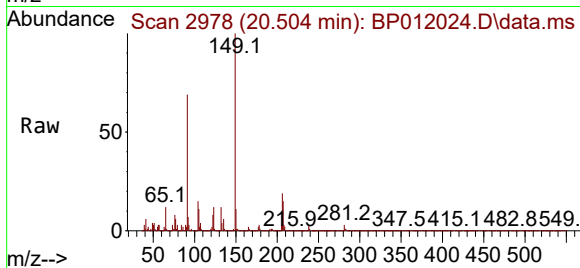
Tgt Ion:149 Resp: 469089

Ion Ratio Lower Upper

149 100

91 69.1 56.6 84.8

206 19.2 15.0 22.6



#84

3,3'-Dichlorobenzidine

Concen: 17.829 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

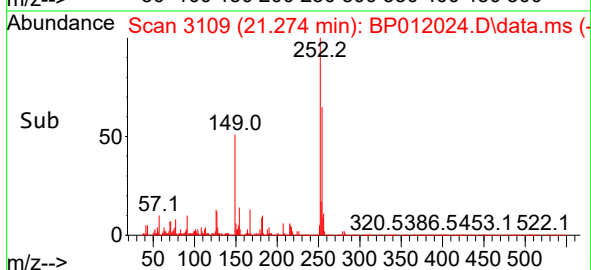
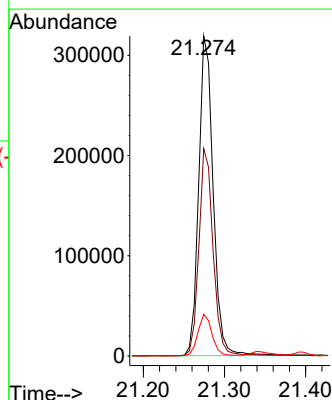
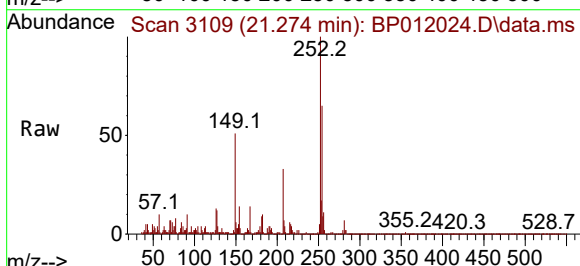
Tgt Ion:252 Resp: 395509

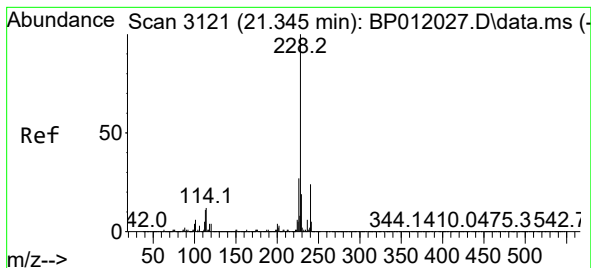
Ion Ratio Lower Upper

252 100

254 64.8 50.5 75.7

126 13.0 11.0 16.4





#85

Benzo(a)anthracene

Concen: 19.068 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

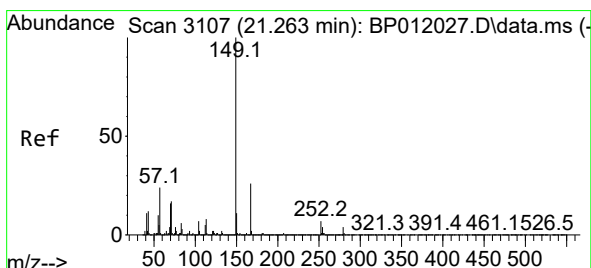
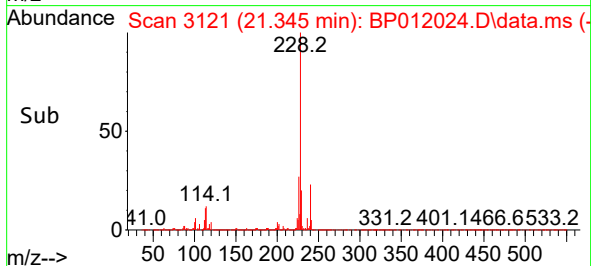
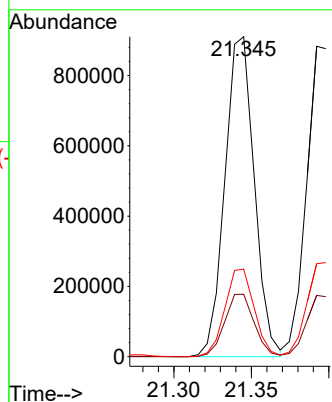
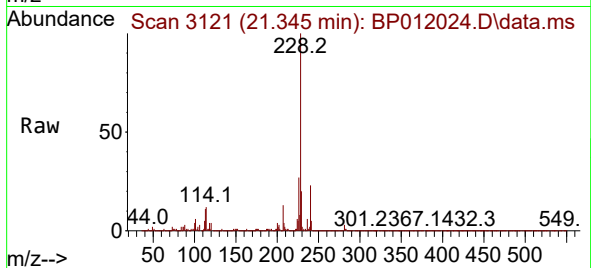
Tgt Ion:228 Resp: 1201567

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 27.4 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.116 ng/ul

RT: 21.263 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

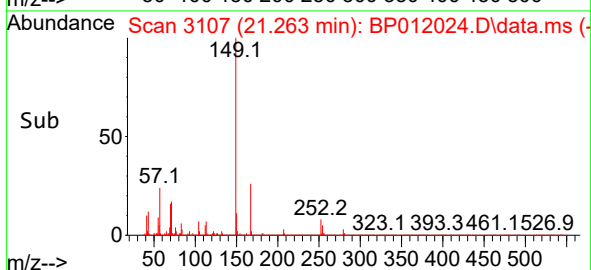
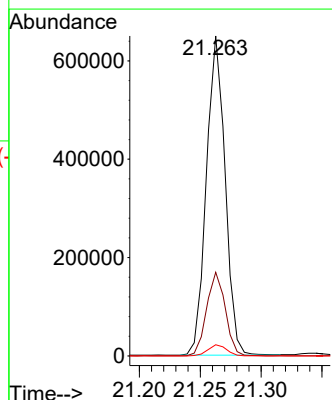
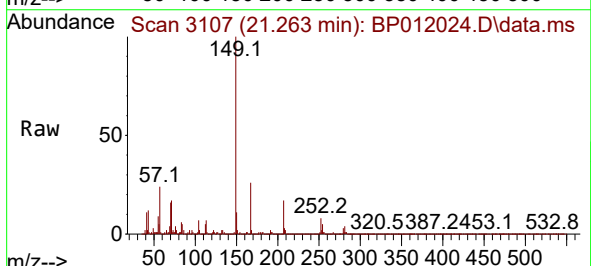
Tgt Ion:149 Resp: 692880

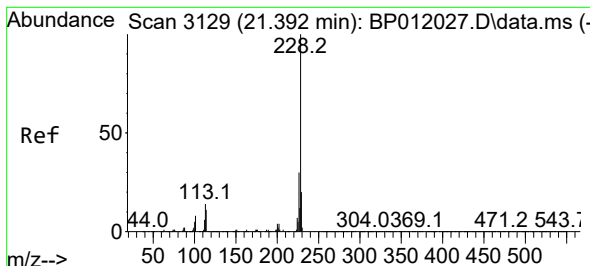
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.6

279 3.5 2.9 4.3





#87

Chrysene

Concen: 19.448 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

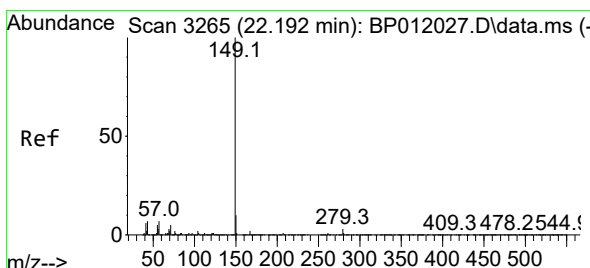
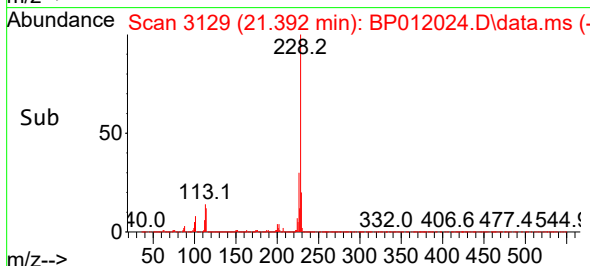
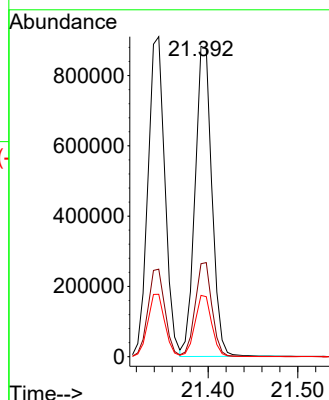
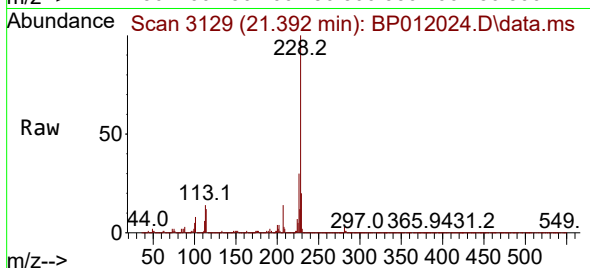
Tgt Ion:228 Resp: 1150067

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 18.224 ng/ul

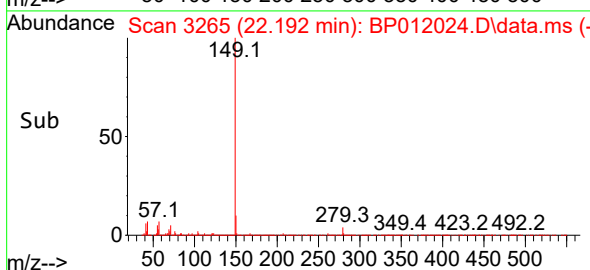
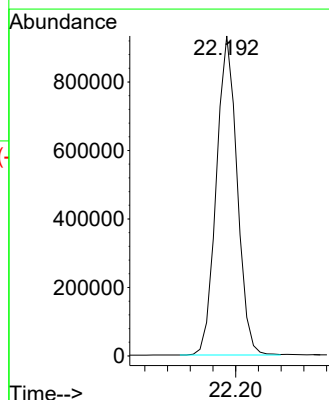
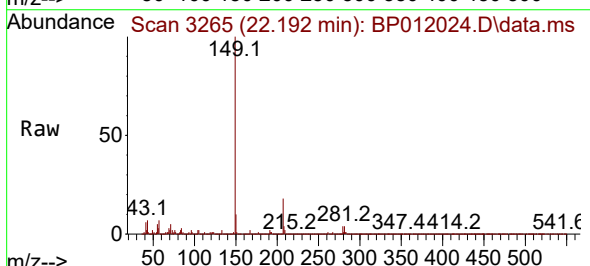
RT: 22.192 min Scan# 3265

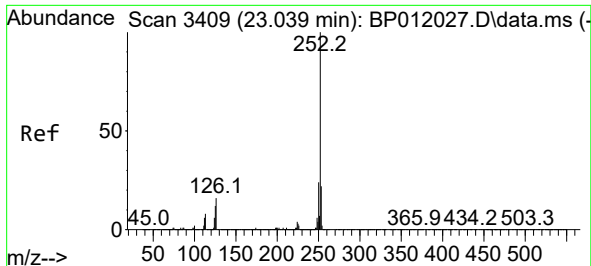
Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Tgt Ion:149 Resp: 1182958

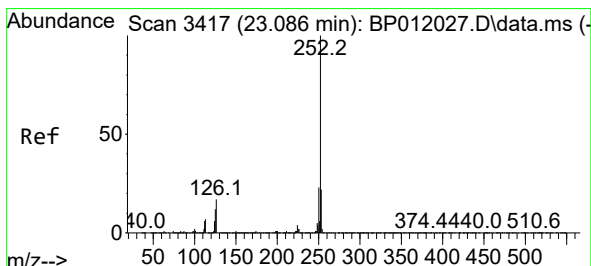
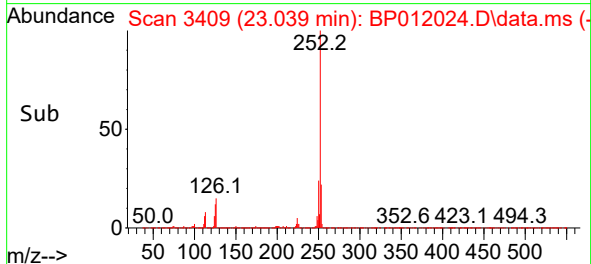
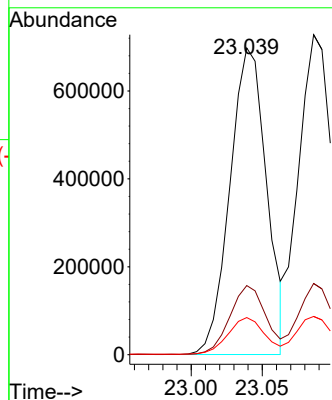
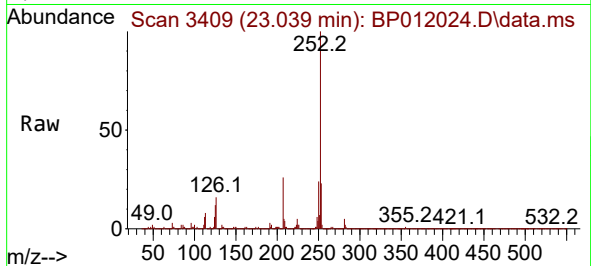




#90
Benzo(b)fluoranthene
Concen: 19.300 ng/ul
RT: 23.039 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

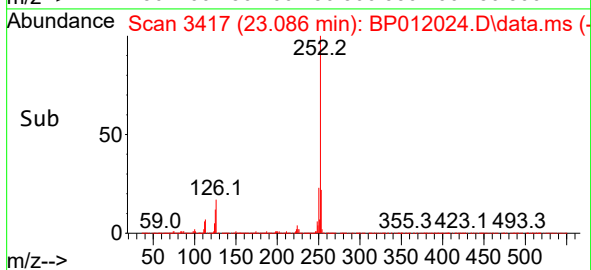
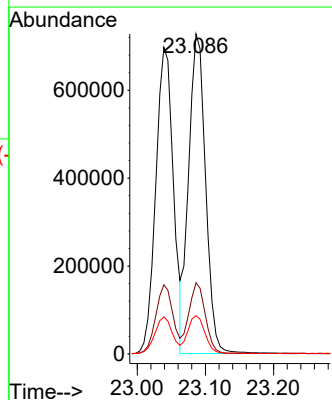
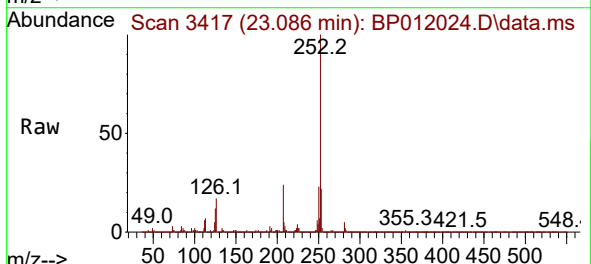
Instrument :
BNA_P
ClientSampleId :
SSTD020773

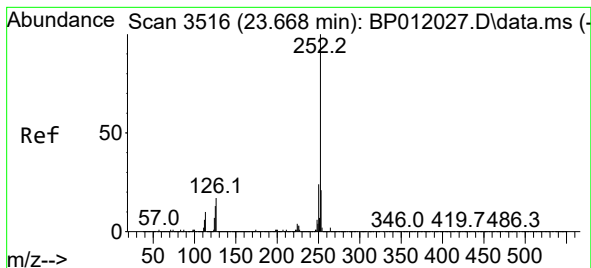
Tgt Ion:252 Resp: 1253303
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.1 9.9 14.9



#91
Benzo(k)fluoranthene
Concen: 19.966 ng/ul
RT: 23.086 min Scan# 3417
Delta R.T. 0.000 min
Lab File: BP012024.D
Acq: 10 Oct 2022 15:31

Tgt Ion:252 Resp: 1248583
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 19.457 ng/ul

RT: 23.674 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

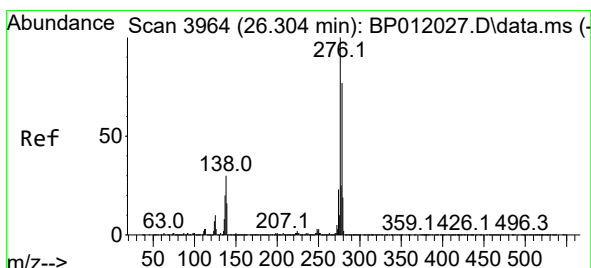
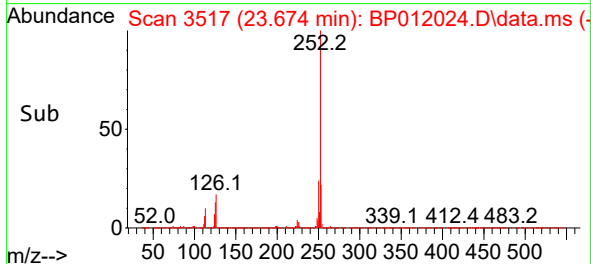
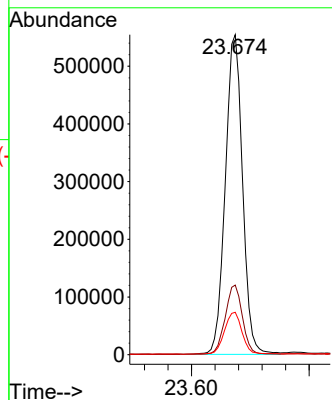
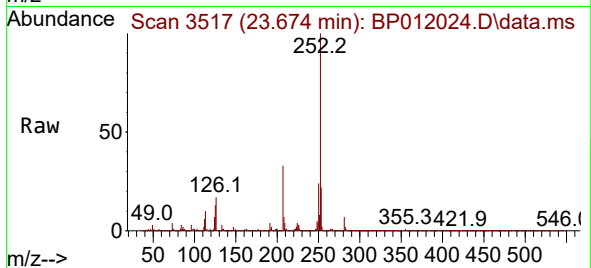
Tgt Ion:252 Resp: 1127574

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 13.3 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.988 ng/ul

RT: 26.298 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

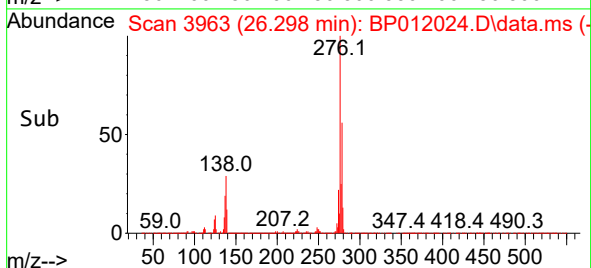
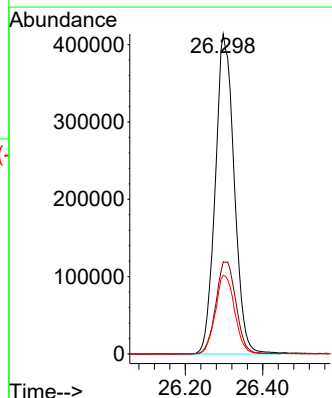
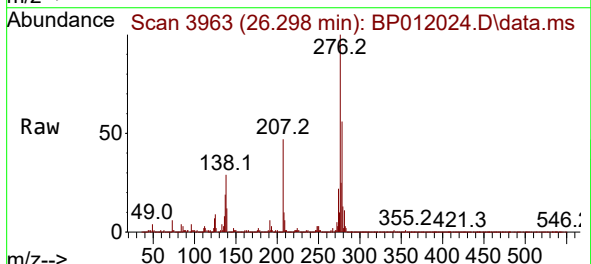
Tgt Ion:276 Resp: 1400648

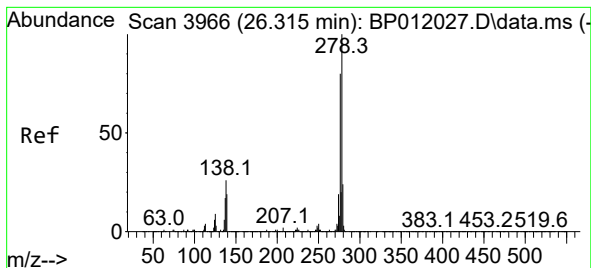
Ion Ratio Lower Upper

276 100

138 28.8 24.1 36.1

277 24.6 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 19.075 ng/ul

RT: 26.315 min Scan# 3966

Delta R.T. 0.000 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SSTD020773

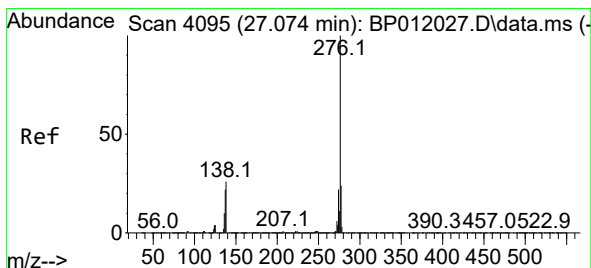
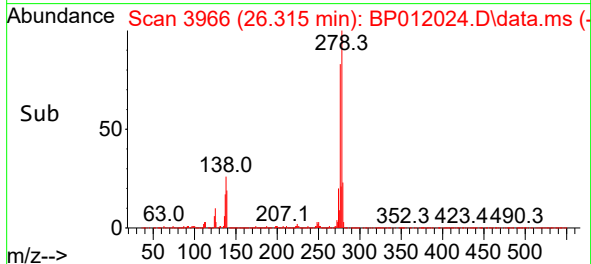
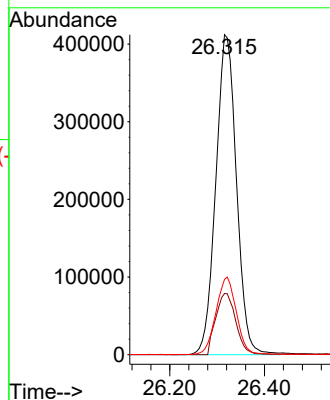
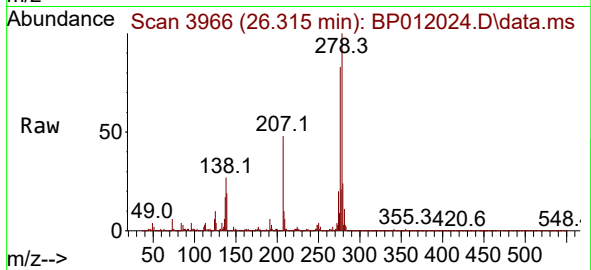
Tgt Ion:278 Resp: 1249967

Ion Ratio Lower Upper

278 100

139 19.1 15.4 23.0

279 23.6 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 18.985 ng/ul

RT: 27.080 min Scan# 4096

Delta R.T. 0.006 min

Lab File: BP012024.D

Acq: 10 Oct 2022 15:31

Tgt Ion:276 Resp: 1241558

Ion Ratio Lower Upper

276 100

138 25.7 20.9 31.3

277 23.6 19.0 28.4

