

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019476.D
 Acq On : 29 Jan 2024 21:01
 Operator : MA/JU
 Sample : 01260-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-01252024MS

Quant Time: Jan 30 01:22:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	59395	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	198752	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	112929	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	258108	20.000	ng	0.00
76) Chrysene-d12	21.421	240	284867	20.000	ng	0.00
86) Perylene-d12	23.851	264	328713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	345200	92.480	ng	0.00
7) Phenol-d6	7.105	99	436447	80.094	ng	0.00
23) Nitrobenzene-d5	9.099	82	307276	63.616	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	151158	97.696	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	552487	62.993	ng	0.00
79) Terphenyl-d14	19.892	244	937435	46.884	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	59741	42.630	ng	99
3) Pyridine	3.799	79	150344	36.403	ng	98
4) n-Nitrosodimethylamine	3.722	42	107011	47.096	ng	93
6) Aniline	7.263	93	132197	24.142	ng	97
8) 2-Chlorophenol	7.493	128	165908	41.523	ng	98
9) Benzaldehyde	7.081	77	93336	31.525	ng	96
10) Phenol	7.128	94	216093	40.123	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	164936	39.816	ng	98
12) 1,3-Dichlorobenzene	7.816	146	192631	41.064	ng	94
13) 1,4-Dichlorobenzene	7.969	146	199030	41.697	ng	99
14) 1,2-Dichlorobenzene	8.281	146	186100	40.433	ng	97
15) Benzyl Alcohol	8.181	79	184493	38.678	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	212442	37.810	ng	99
17) 2-Methylphenol	8.381	107	140275	37.681	ng	96
18) Hexachloroethane	9.004	117	76294	39.853	ng	99
19) n-Nitroso-di-n-propyla...	8.746	70	138389	33.643	ng	99
20) 3+4-Methylphenols	8.710	107	183893	35.505	ng	98
22) Acetophenone	8.763	105	275583	46.243	ng	# 99
24) Nitrobenzene	9.146	77	213100	43.340	ng	100
25) Isophorone	9.669	82	363414	39.995	ng	99
26) 2-Nitrophenol	9.851	139	81036	47.142	ng	99
27) 2,4-Dimethylphenol	9.910	122	119060	50.434	ng	96
28) bis(2-Chloroethoxy)met...	10.157	93	196896	40.900	ng	98
29) 2,4-Dichlorophenol	10.381	162	148090	43.589	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	176364	44.660	ng	99
31) Naphthalene	10.787	128	537792	48.496	ng	100
32) Benzoic acid	10.046	122	94707	39.538	ng	98
33) 4-Chloroaniline	10.904	127	77433	17.723	ng	99
34) Hexachlorobutadiene	11.057	225	125966	44.008	ng	99
35) Caprolactam	11.681	113	37483	31.059	ng	96
36) 4-Chloro-3-methylphenol	12.022	107	167283	38.752	ng	100
37) 2-Methylnaphthalene	12.392	142	368491	46.360	ng	99
38) 1-Methylnaphthalene	12.610	142	336760	42.832	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	193498	50.122	ng	98
41) Hexachlorocyclopentadiene	12.728	237	110159	63.238	ng	96
43) 2,4,6-Trichlorophenol	12.998	196	118474	47.774	ng	97

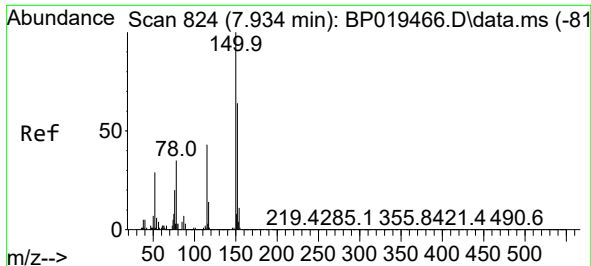
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	128908	46.277	ng	98
46) 1,1'-Biphenyl	13.404	154	427462	49.006	ng	100
47) 2-Chloronaphthalene	13.445	162	329670	46.524	ng	99
48) 2-Nitroaniline	13.651	65	115142	46.668	ng	98
49) Acenaphthylene	14.287	152	528953	50.424	ng	99
50) Dimethylphthalate	14.034	163	391385	42.352	ng	100
51) 2,6-Dinitrotoluene	14.157	165	84208	41.877	ng	99
52) Acenaphthene	14.628	154	396132	60.949	ng	97
53) 3-Nitroaniline	14.475	138	61321	32.036	ng	98
54) 2,4-Dinitrophenol	14.686	184	54902	49.281	ng	96
55) Dibenzofuran	14.963	168	609498	57.203	ng	99
56) 4-Nitrophenol	14.786	139	157436	100.696	ng	100
57) 2,4-Dinitrotoluene	14.939	165	120246	43.743	ng	97
58) Fluorene	15.616	166	540037	61.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	115562	47.836	ng	92
60) Diethylphthalate	15.398	149	400662	41.487	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	204399	42.809	ng	99
62) 4-Nitroaniline	15.639	138	81580	39.836	ng	98
63) Azobenzene	15.910	77	431546	44.369	ng	95
65) 4,6-Dinitro-2-methylph...	15.698	198	37386	24.692	ng	96
66) n-Nitrosodiphenylamine	15.833	169	335415	43.469	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	128410	43.357	ng	96
68) Hexachlorobenzene	16.610	284	146771	43.527	ng	97
69) Atrazine	16.798	200	132093	47.693	ng	97
70) Pentachlorophenol	16.963	266	210756	95.338	ng	97
71) Phenanthrene	17.369	178	1266505	92.157	ng	99
72) Anthracene	17.457	178	735325	53.593	ng	100
73) Carbazole	17.727	167	634134	49.537	ng	99
74) Di-n-butylphthalate	18.292	149	717838	44.603	ng	99
75) Fluoranthene	19.333	202	1205661	72.469	ng	99
77) Benzidine	19.527	184	464699	61.256	ng	98
78) Pyrene	19.686	202	1156149	48.638	ng	99
80) Butylbenzylphthalate	20.580	149	365637	40.656	ng	99
81) Benzo(a)anthracene	21.404	228	1045677	50.931	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	260372	37.721	ng	99
83) Chrysene	21.457	228	967846	50.537	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	547879	43.477	ng	99
85) Di-n-octyl phthalate	22.304	149	1003827	50.440	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	1138815	51.978	ng	99
88) Benzo(b)fluoranthene	23.115	252	1013439	46.108	ng	99
89) Benzo(k)fluoranthene	23.163	252	928906	44.331	ng	99
90) Benzo(a)pyrene	23.751	252	903488	48.136	ng	98
91) Dibenzo(a,h)anthracene	26.439	278	920276	50.742	ng	98
92) Benzo(g,h,i)perylene	27.198	276	895994	49.628	ng	98

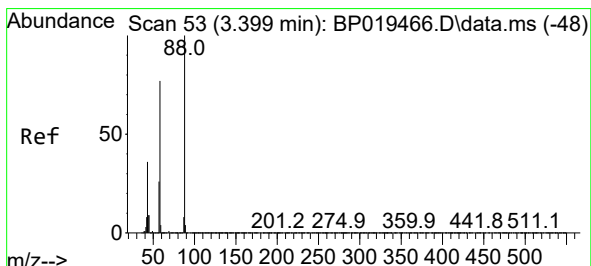
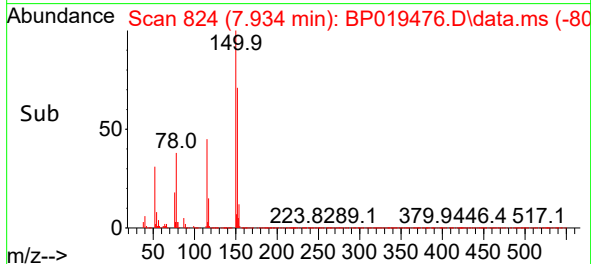
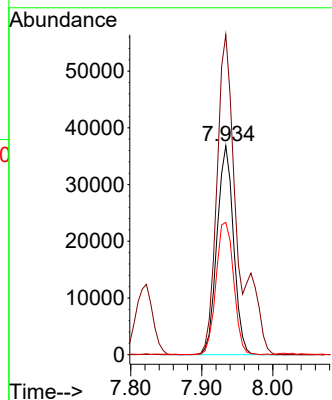
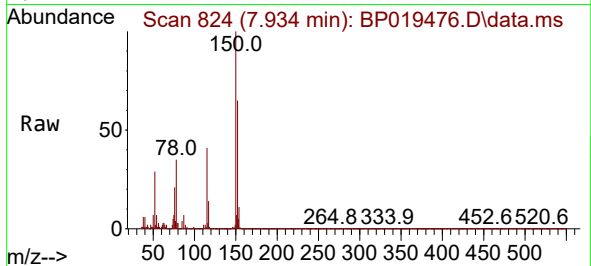
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019476.D
 Acq: 29 Jan 2024 21:01

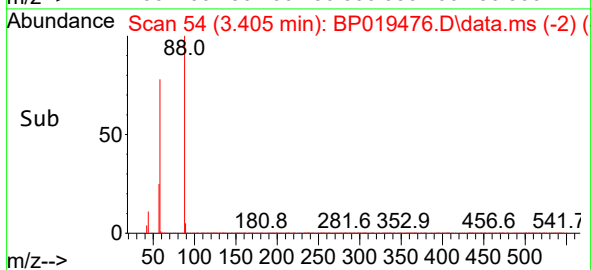
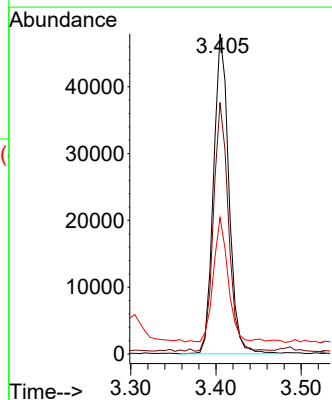
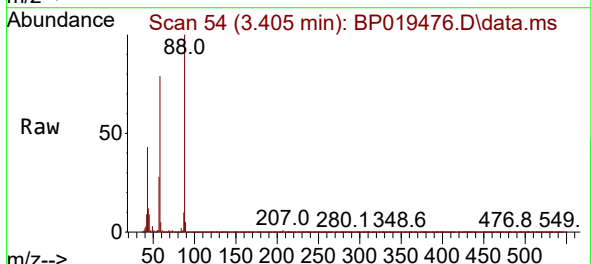
Instrument :
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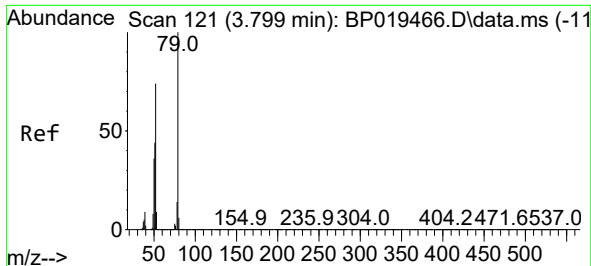
Tgt Ion:152 Resp: 59395
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.4 188.2
 115 63.3 53.7 80.5



#2
 1,4-Dioxane
 Concen: 42.630 ng
 RT: 3.405 min Scan# 54
 Delta R.T. 0.006 min
 Lab File: BP019476.D
 Acq: 29 Jan 2024 21:01

Tgt Ion: 88 Resp: 59741
 Ion Ratio Lower Upper
 88 100
 58 76.2 61.6 92.4
 43 36.7 29.0 43.6

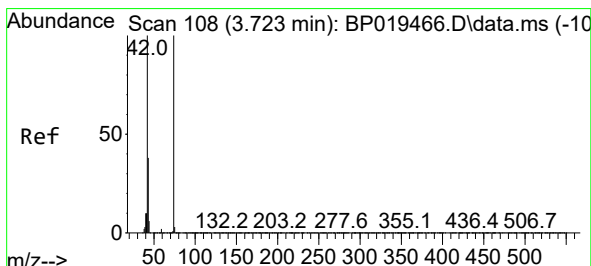
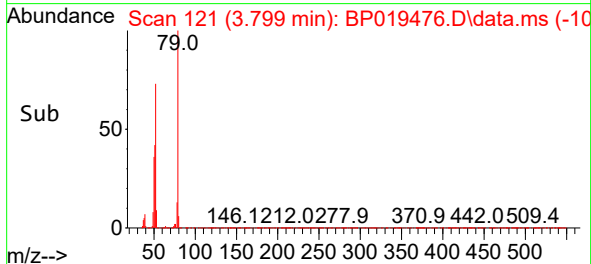
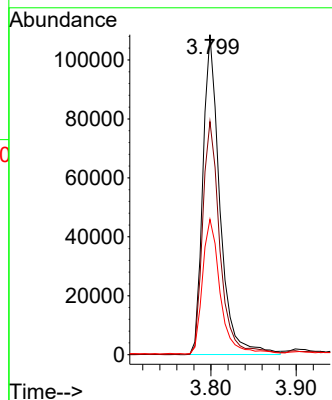
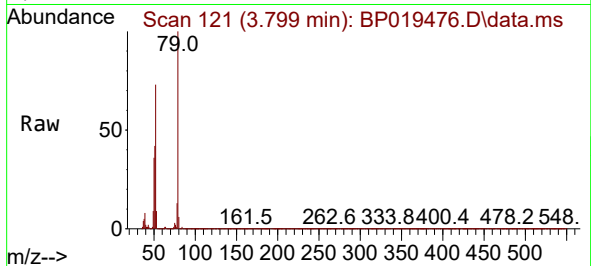




#3
Pyridine
Concen: 36.403 ng
RT: 3.799 min Scan# 121
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

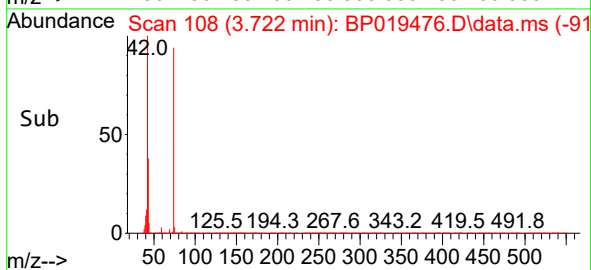
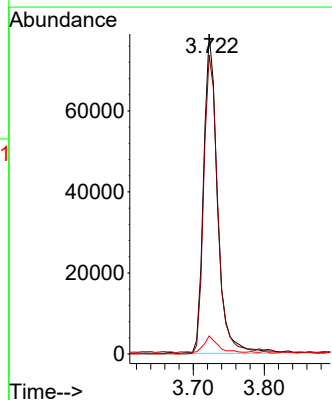
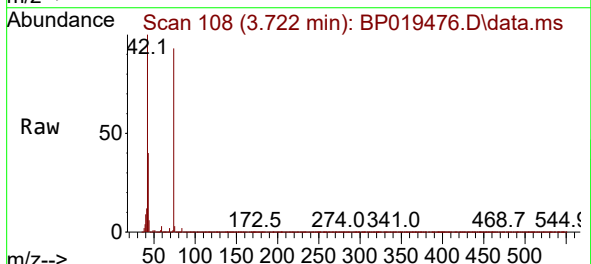
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ClientSampleId :
SU-03-01252024MS

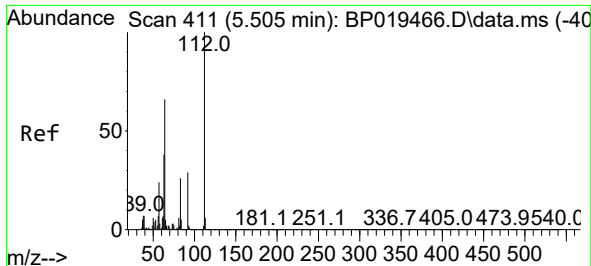
Tgt Ion: 79 Resp: 150344
Ion Ratio Lower Upper
79 100
52 72.9 59.0 88.4
51 42.3 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 47.096 ng
RT: 3.722 min Scan# 108
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

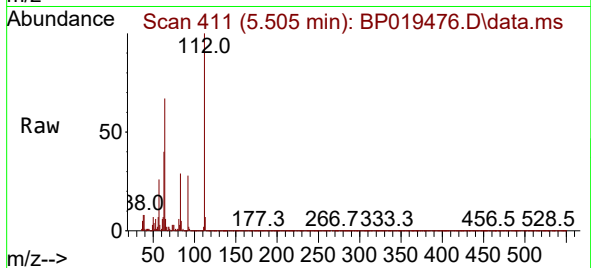
Tgt Ion: 42 Resp: 107011
Ion Ratio Lower Upper
42 100
74 93.4 80.3 120.5
44 5.6 5.3 7.9



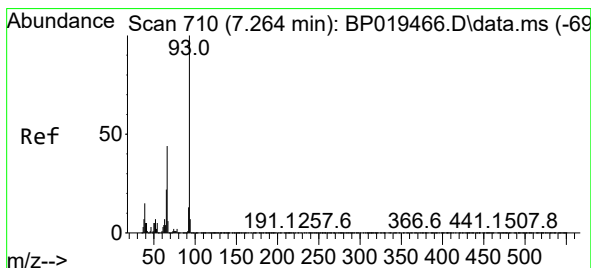
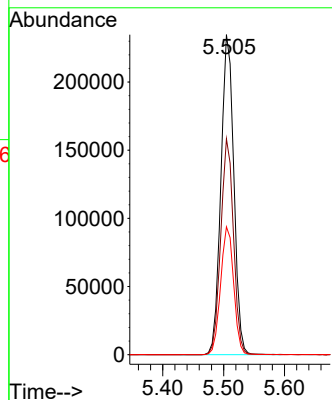
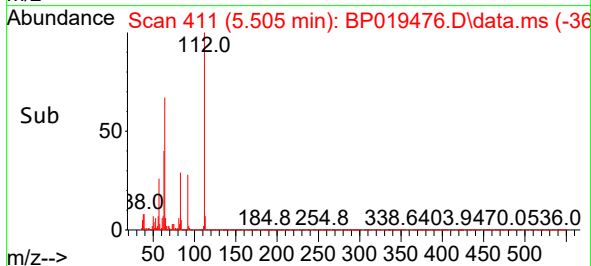


#5
2-Fluorophenol
Concen: 92.480 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

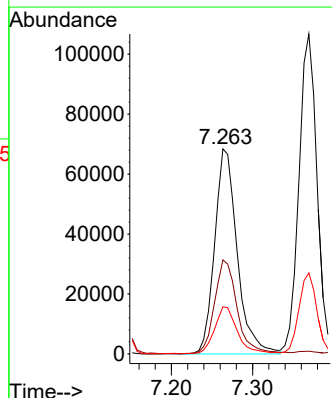
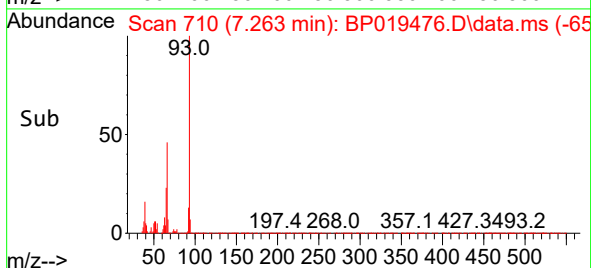
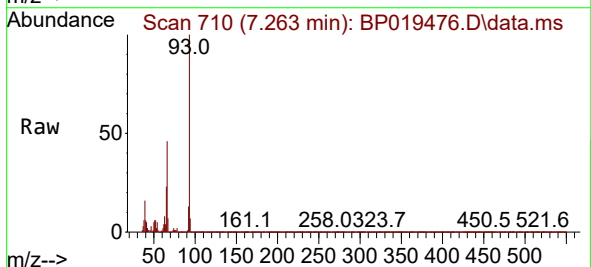


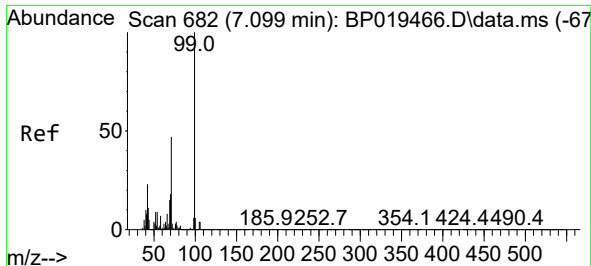
Tgt Ion:112 Resp: 345200
Ion Ratio Lower Upper
112 100
64 67.4 52.6 79.0
63 39.9 30.3 45.5



#6
Aniline
Concen: 24.142 ng
RT: 7.263 min Scan# 710
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 93 Resp: 132197
Ion Ratio Lower Upper
93 100
66 45.9 35.1 52.7
65 23.0 17.4 26.2

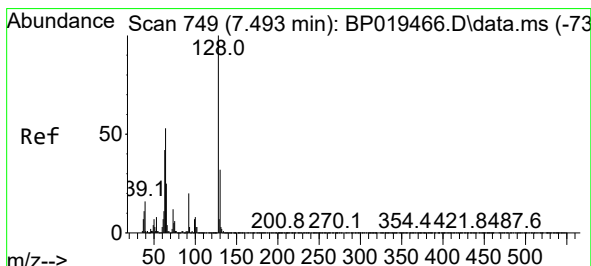
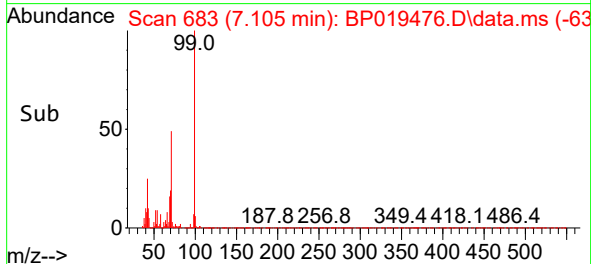
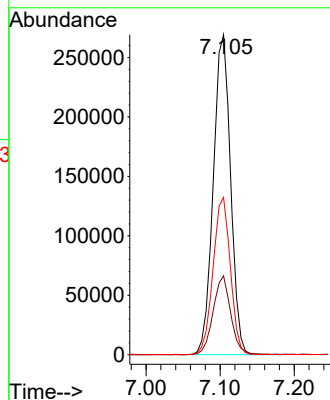
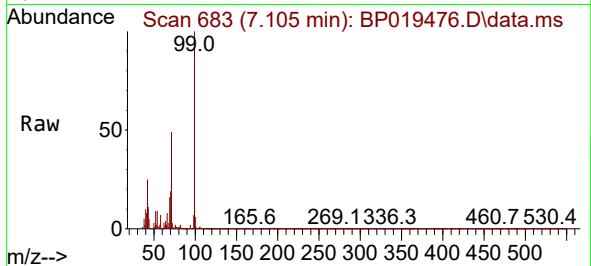




#7
Phenol-d6
Concen: 80.094 ng
RT: 7.105 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

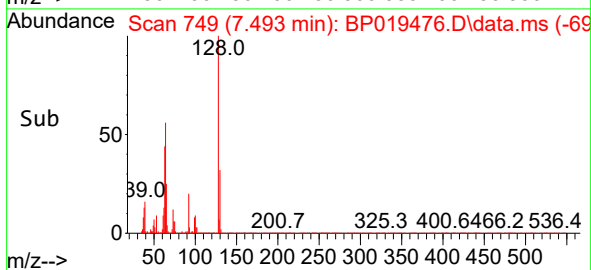
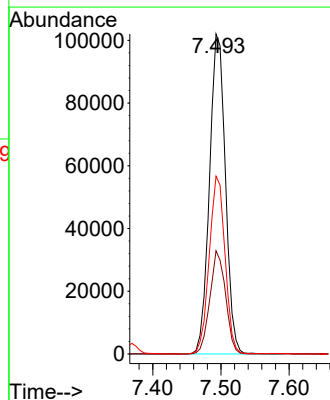
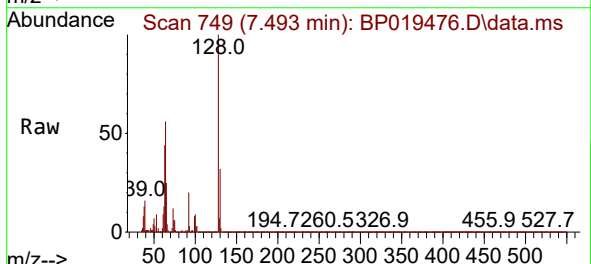
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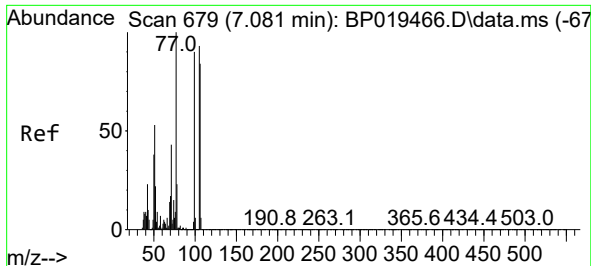
Tgt Ion: 99 Resp: 436447
Ion Ratio Lower Upper
99 100
42 24.6 18.6 28.0
71 49.2 37.8 56.6



#8
2-Chlorophenol
Concen: 41.523 ng
RT: 7.493 min Scan# 749
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 128 Resp: 165908
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 55.5 33.1 73.1

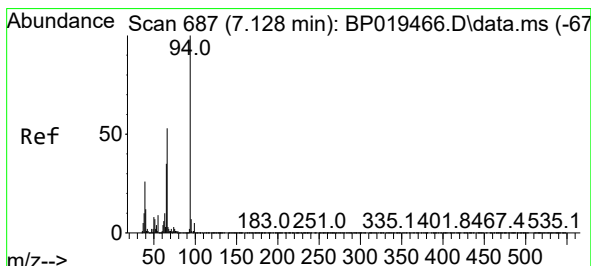
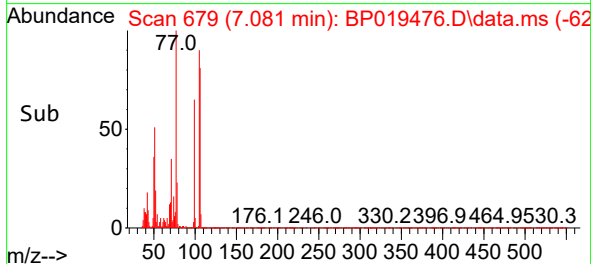
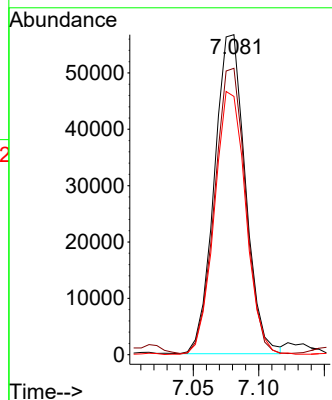
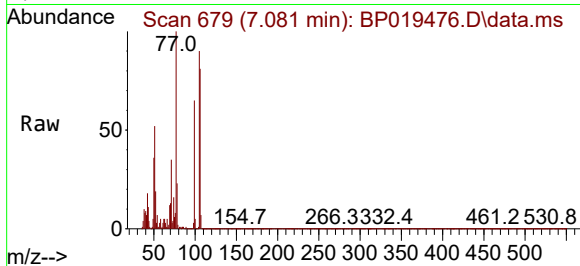




#9
Benzaldehyde
Concen: 31.525 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

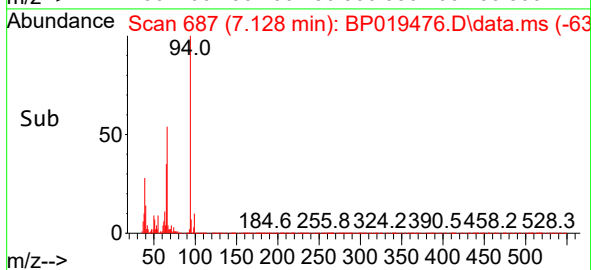
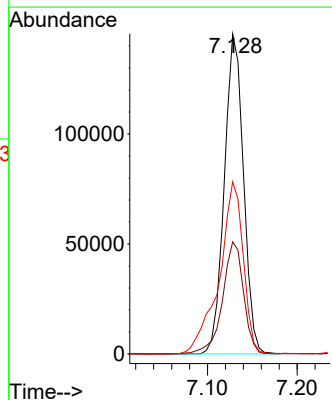
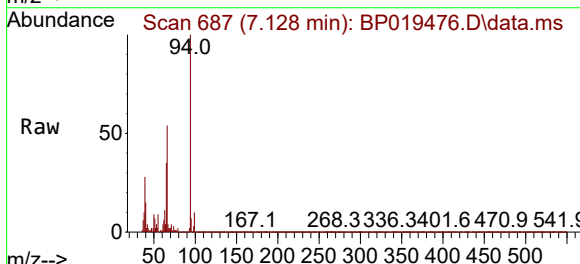
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

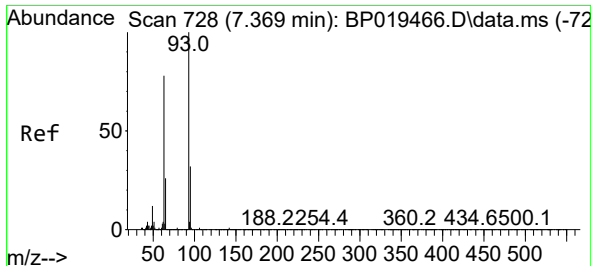
Tgt Ion:	77	Resp:	93336
Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.9	112.9
106	80.7	64.4	104.4



#10
Phenol
Concen: 40.123 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:	94	Resp:	216093
Ion	Ratio	Lower	Upper
94	100		
65	35.1	14.9	54.9
66	53.8	33.0	73.0

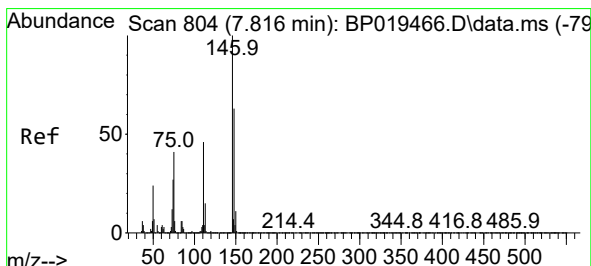
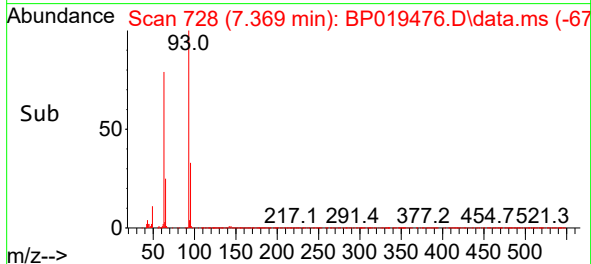
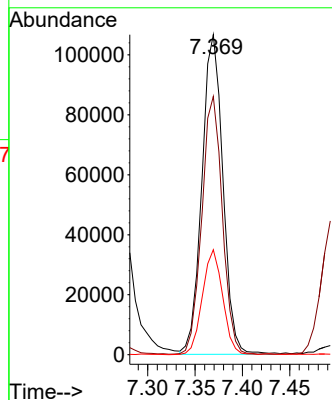
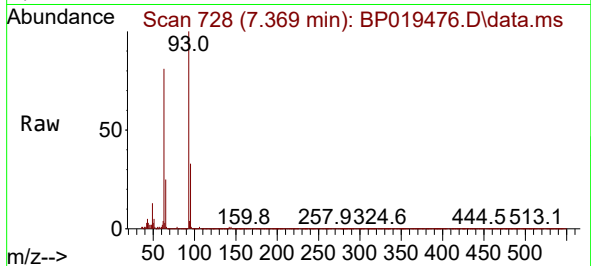




#11
bis(2-Chloroethyl)ether
Concen: 39.816 ng
RT: 7.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

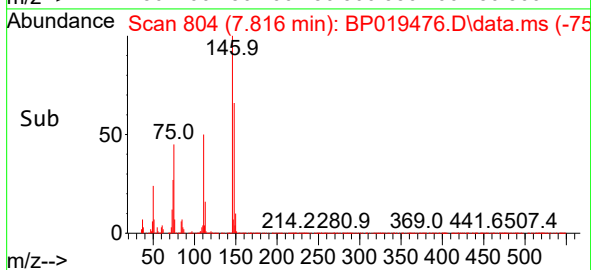
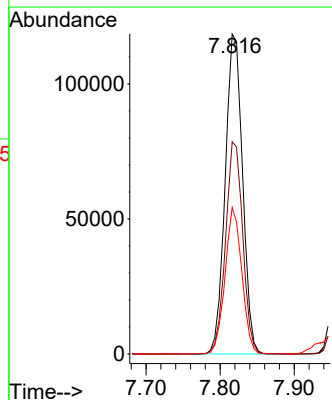
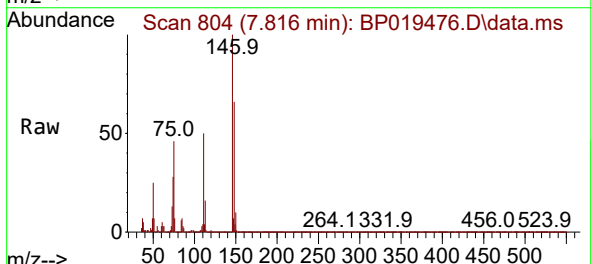
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

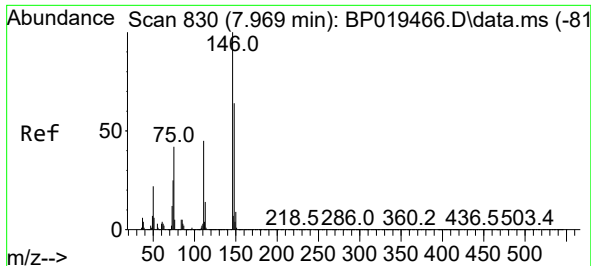
Tgt Ion: 93 Resp: 164936
Ion Ratio Lower Upper
93 100
63 80.7 58.0 98.0
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.064 ng
RT: 7.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 146 Resp: 192631
Ion Ratio Lower Upper
146 100
148 66.3 50.0 75.0
75 45.7 33.0 49.4

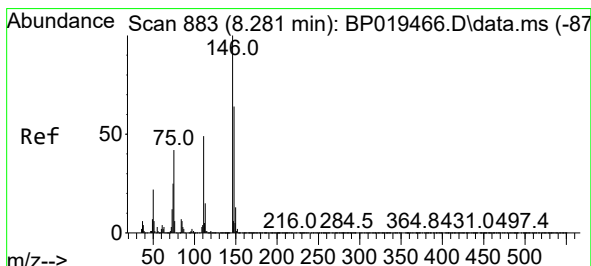
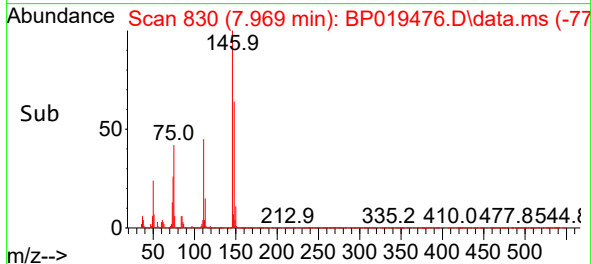
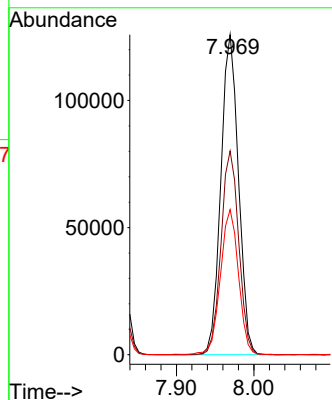
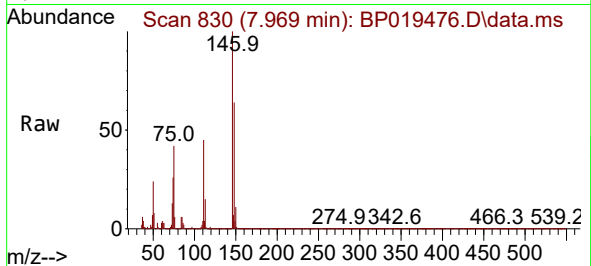




#13
1,4-Dichlorobenzene
Concen: 41.697 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

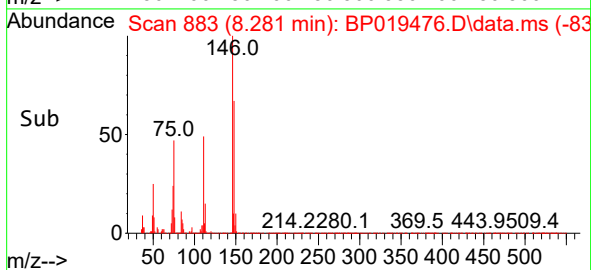
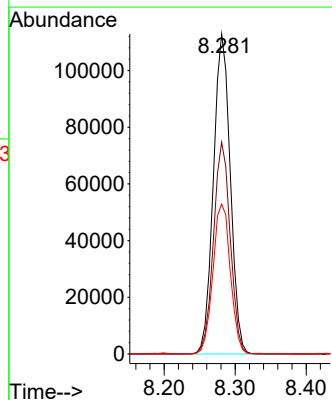
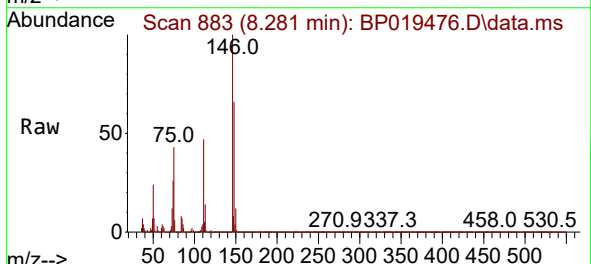
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

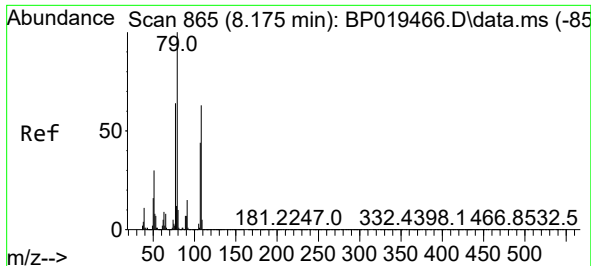
Tgt Ion:146 Resp: 199030
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 45.4 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 40.433 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:146 Resp: 186100
Ion Ratio Lower Upper
146 100
148 66.2 51.0 76.6
111 46.9 39.5 59.3

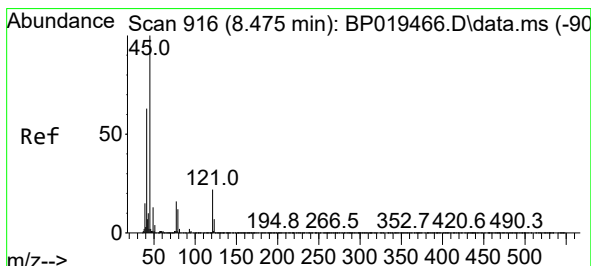
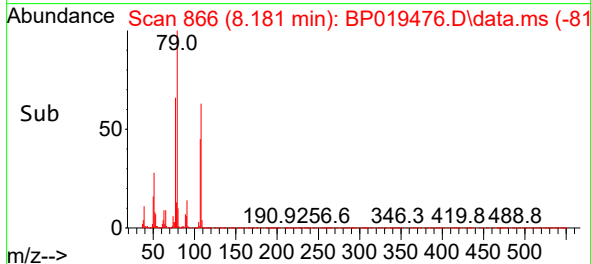
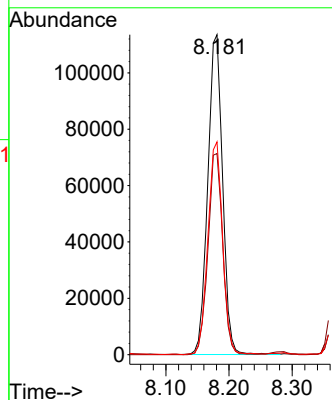
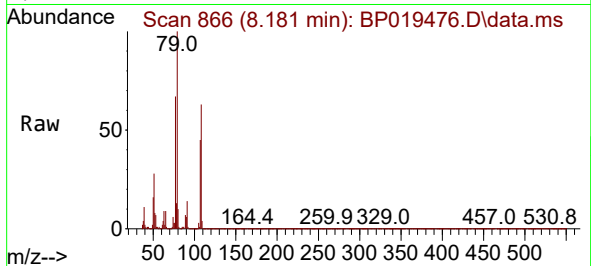




#15
Benzyl Alcohol
Concen: 38.678 ng
RT: 8.181 min Scan# 866
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

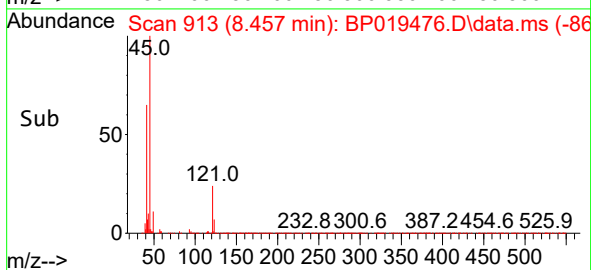
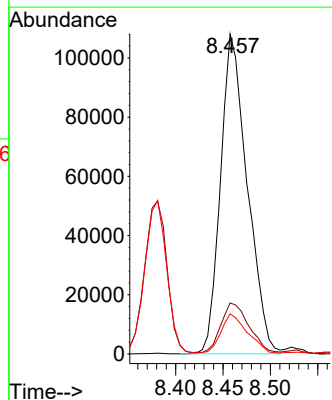
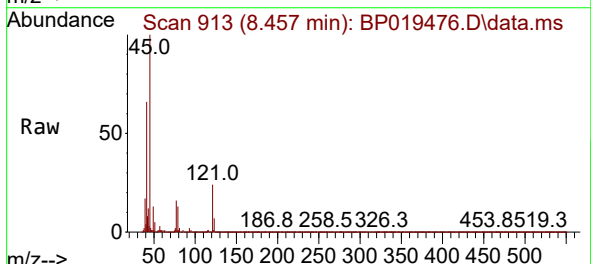
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

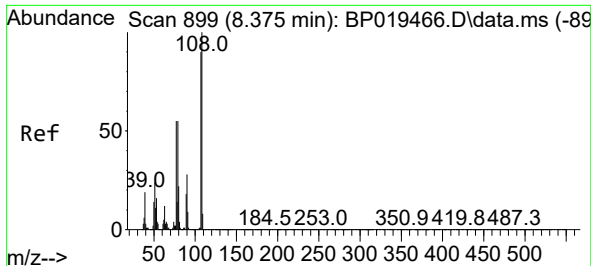
Tgt Ion: 79 Resp: 184493
Ion Ratio Lower Upper
79 100
108 62.9 50.2 75.2
77 66.5 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.810 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 45 Resp: 212442
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.4
79 12.5 0.0 32.8

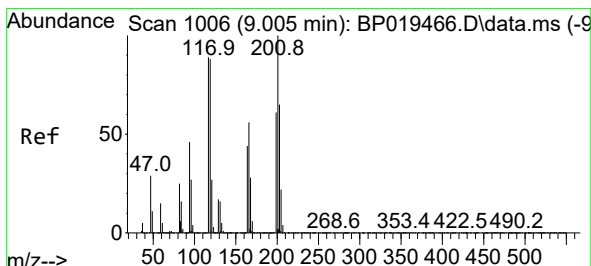
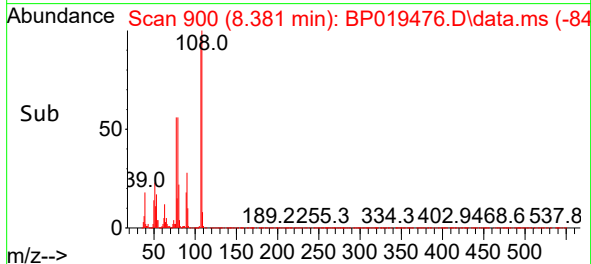
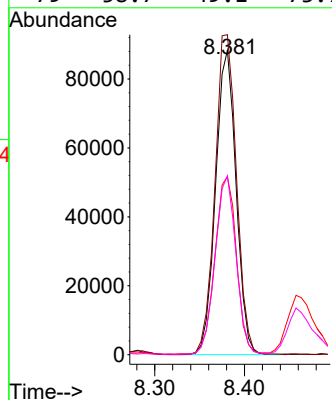
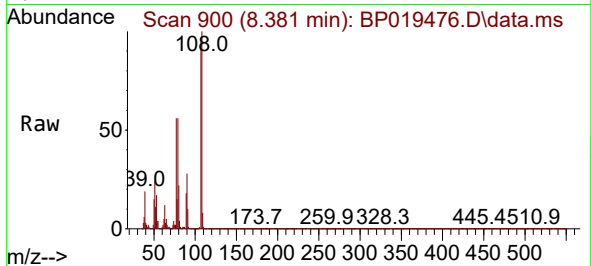




#17
2-Methylphenol
Concen: 37.681 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

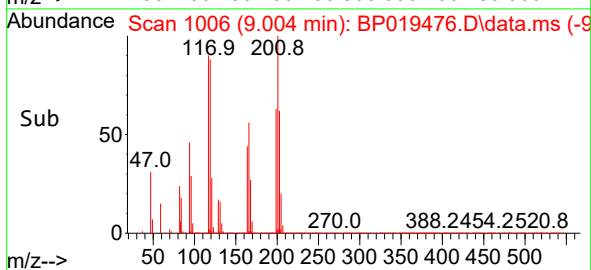
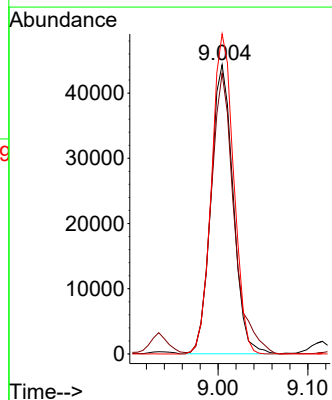
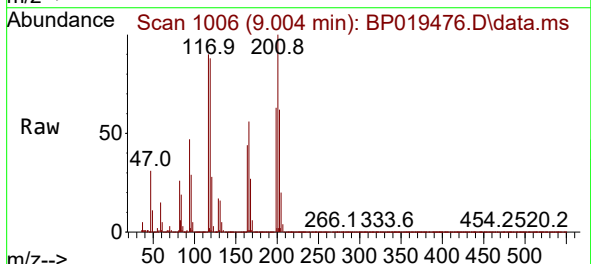
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

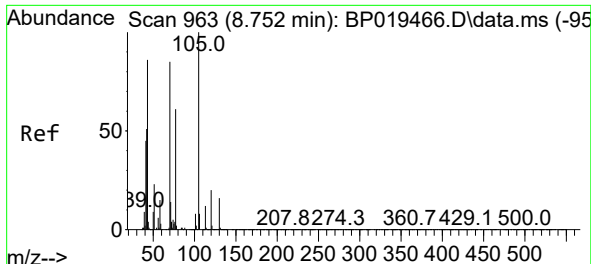
Tgt Ion:	107	Resp:	140275
Ion	Ratio	Lower	Upper
107	100		
108	105.1	89.0	133.4
77	58.5	48.7	73.1
79	58.7	49.1	73.7



#18
Hexachloroethane
Concen: 39.853 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:	117	Resp:	76294
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.8	118.2
201	110.6	89.5	134.3

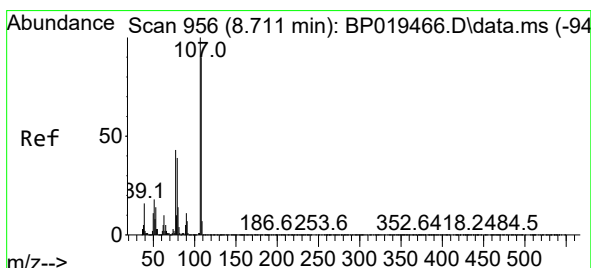
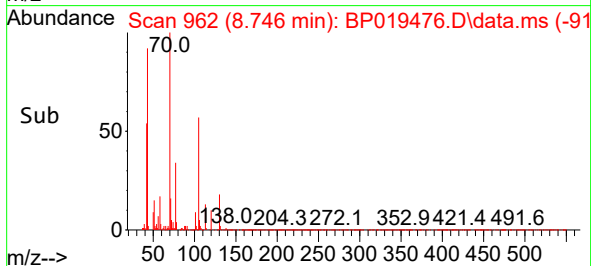
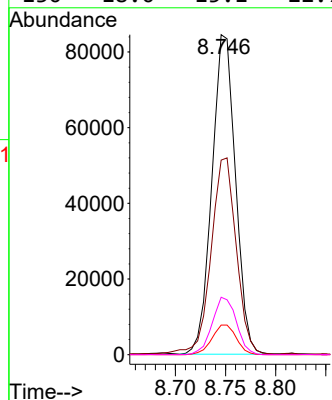
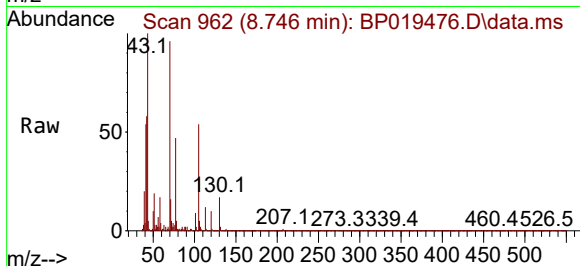




#19
n-Nitroso-di-n-propylamine
Concen: 33.643 ng
RT: 8.746 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

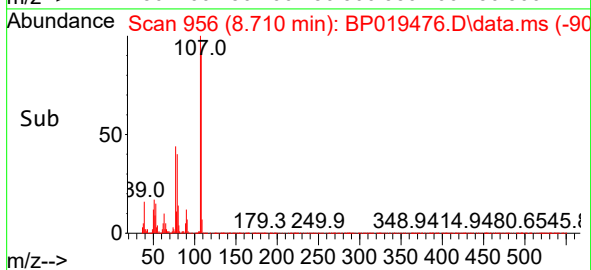
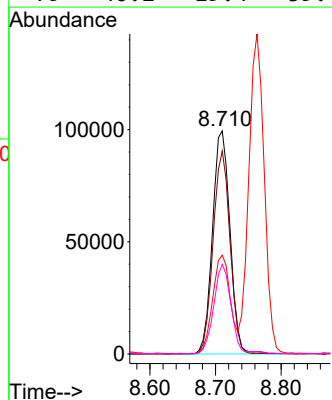
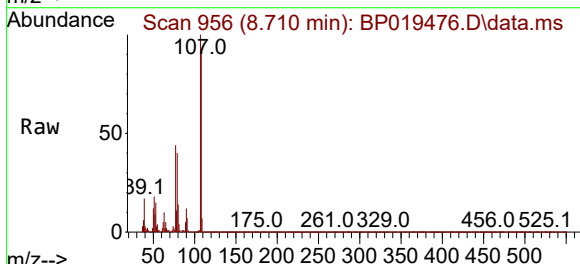
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

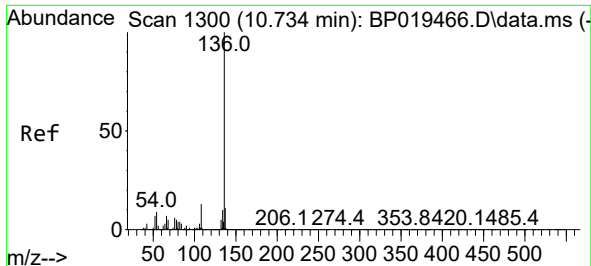
Tgt Ion:	70	Resp:	138389
Ion	Ratio	Lower	Upper
70	100		
42	60.8	48.6	73.0
101	9.3	7.8	11.8
130	18.0	15.1	22.7



#20
3+4-Methylphenols
Concen: 35.505 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:	107	Resp:	183893
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.6	109.6
77	44.3	22.7	62.7
79	40.2	19.4	59.4

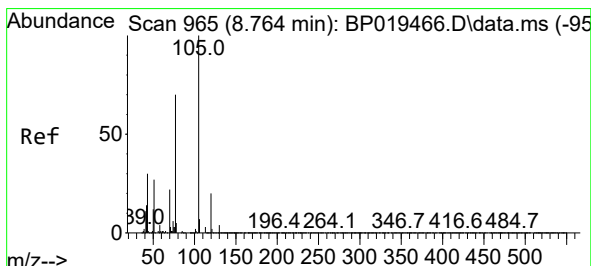
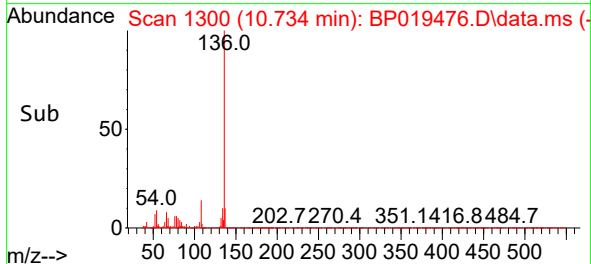
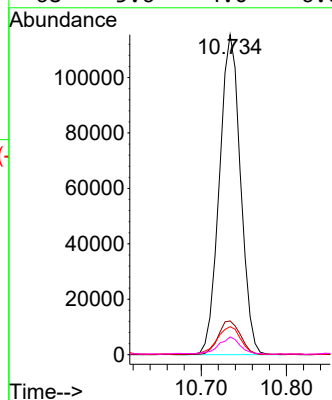
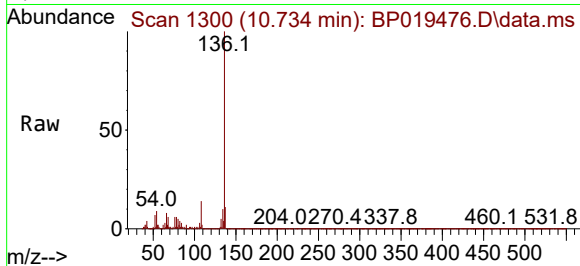




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

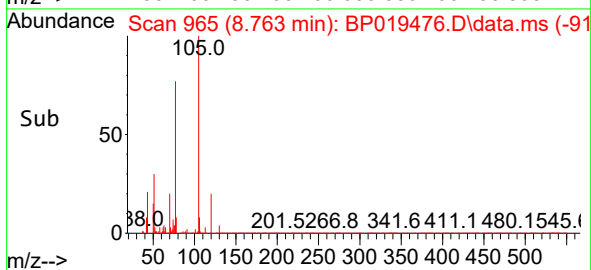
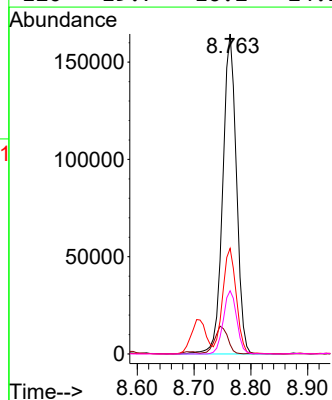
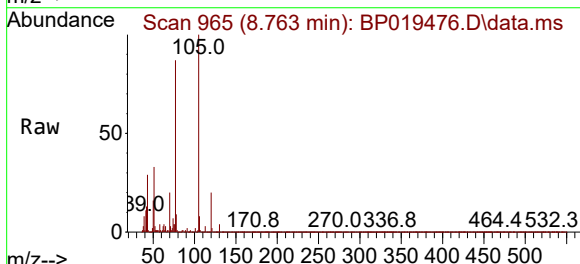
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

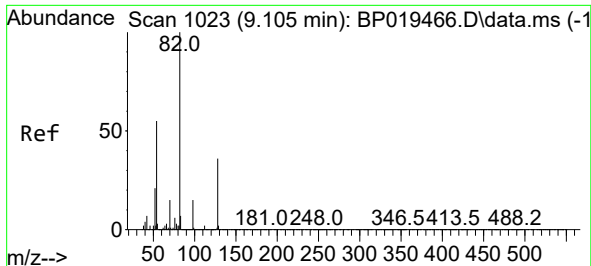
Tgt Ion:	136	Resp:	198752
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	8.7	7.4	11.0
68	5.6	4.0	6.0



#22
Acetophenone
Concen: 46.243 ng
RT: 8.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:	105	Resp:	275583
Ion Ratio	Lower	Upper	
105	100		
71	3.0	3.0	4.6#
51	33.0	25.8	38.6
120	19.7	16.2	24.2

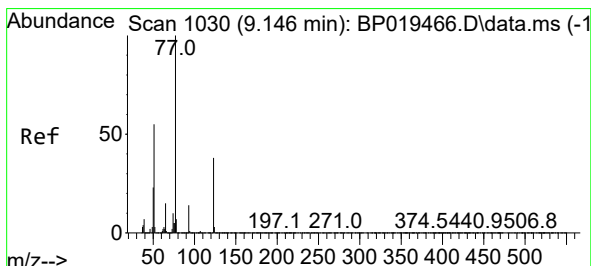
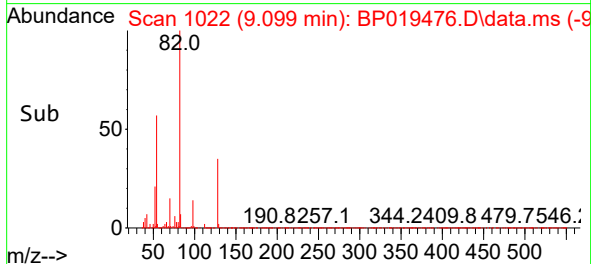
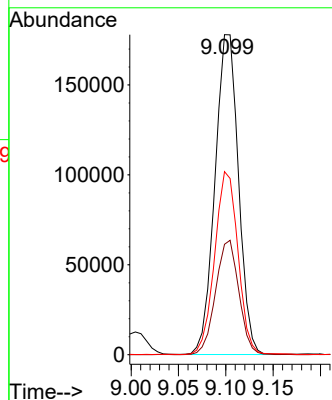
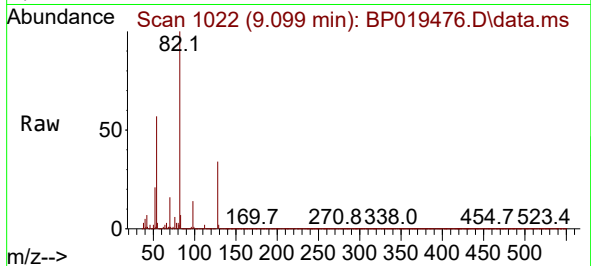




#23
Nitrobenzene-d5
Concen: 63.616 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

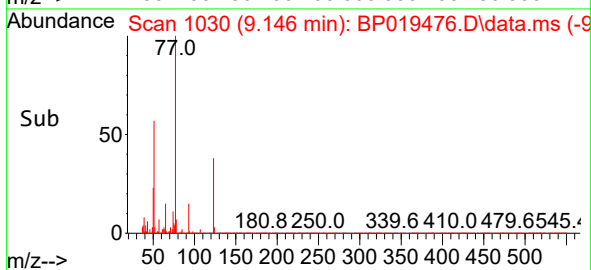
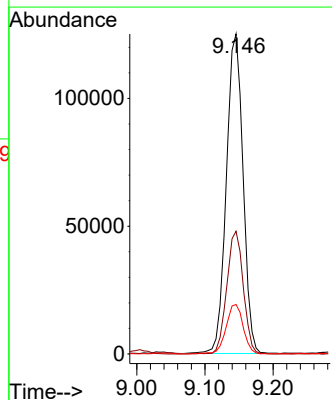
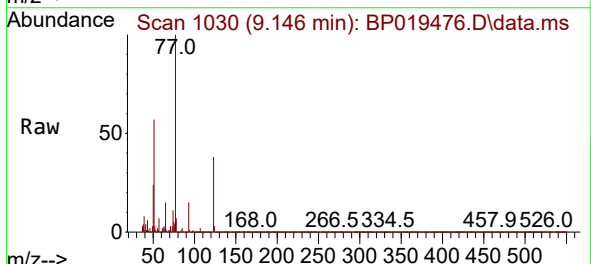
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

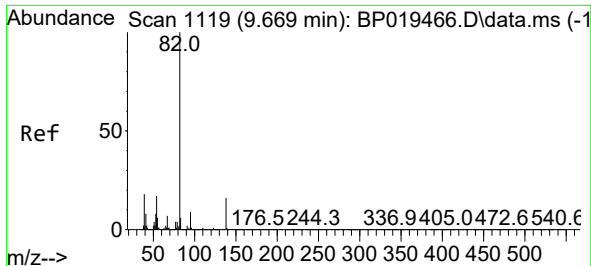
Tgt Ion: 82 Resp: 307276
Ion Ratio Lower Upper
82 100
128 34.5 28.9 43.3
54 57.2 44.3 66.5



#24
Nitrobenzene
Concen: 43.340 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 77 Resp: 213100
Ion Ratio Lower Upper
77 100
123 38.4 30.6 45.8
65 15.4 12.3 18.5

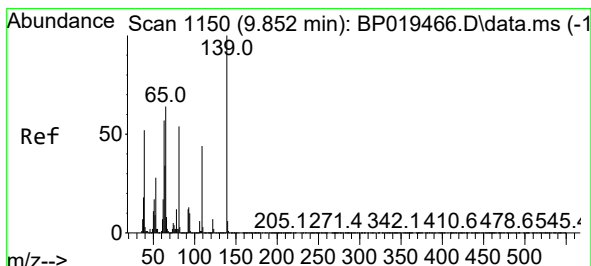
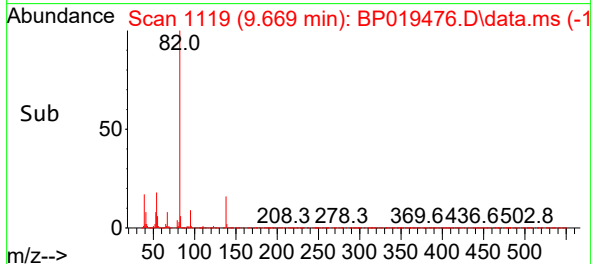
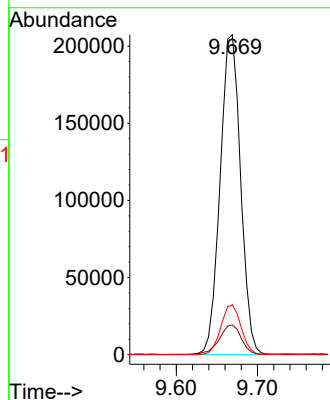
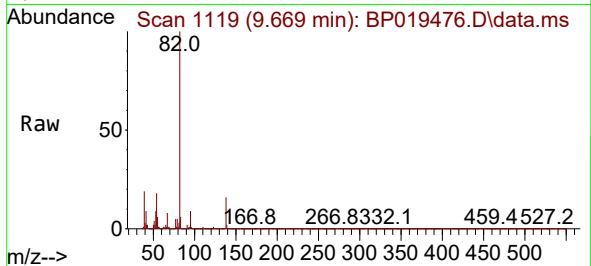




#25
Isophorone
Concen: 39.995 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

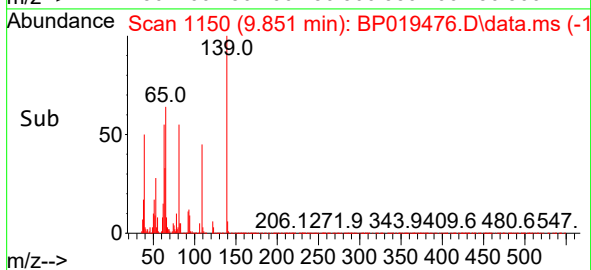
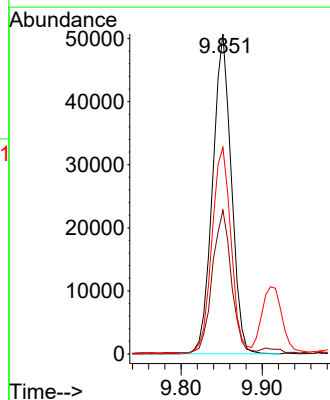
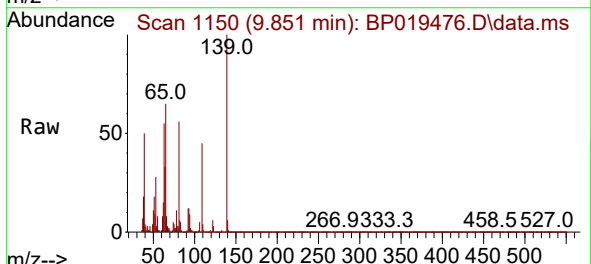
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

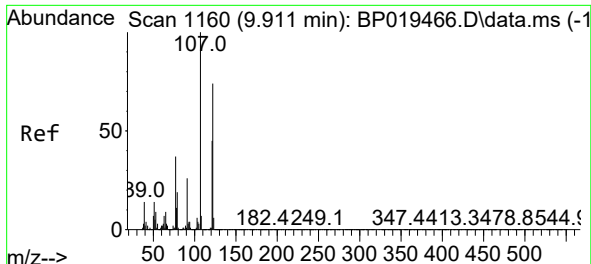
Tgt Ion: 82 Resp: 363414
Ion Ratio Lower Upper
82 100
95 9.3 7.4 11.2
138 15.6 13.0 19.4



#26
2-Nitrophenol
Concen: 47.142 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 139 Resp: 81036
Ion Ratio Lower Upper
139 100
109 44.9 35.1 52.7
65 64.5 51.4 77.2

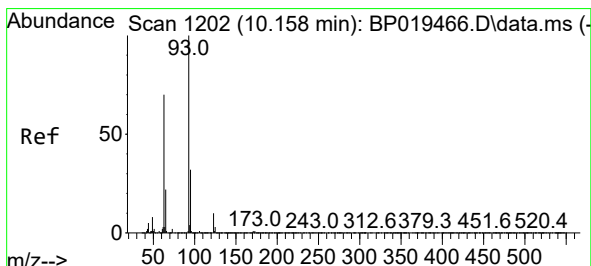
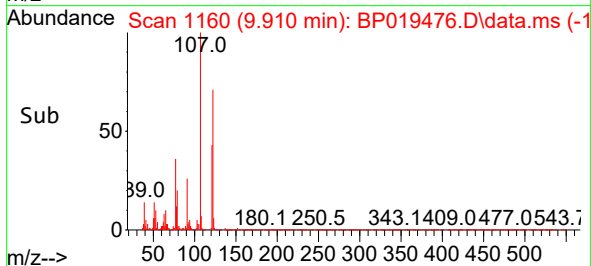
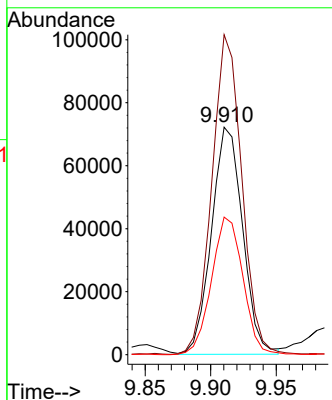
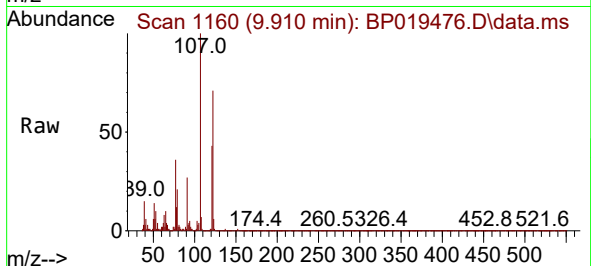




#27
2,4-Dimethylphenol
Concen: 50.434 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

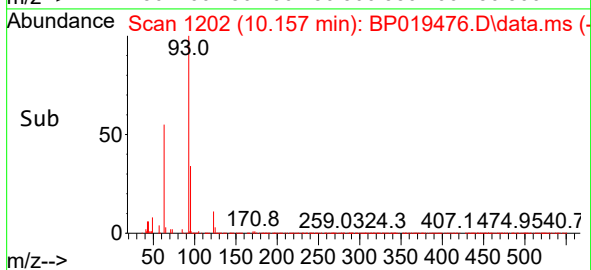
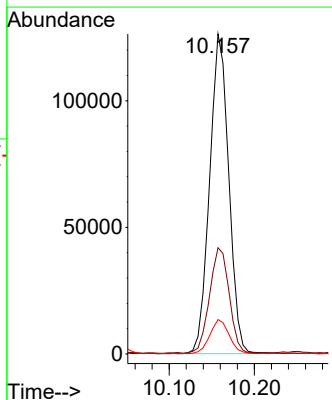
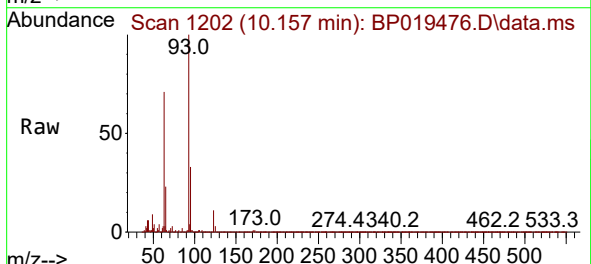
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

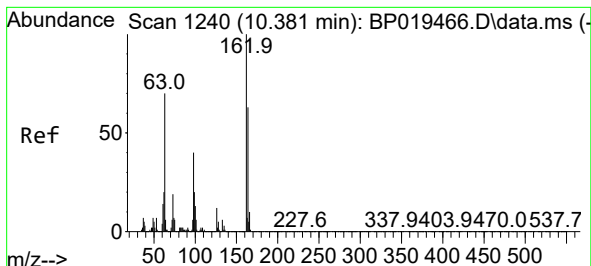
Tgt Ion:122 Resp: 119060
Ion Ratio Lower Upper
122 100
107 140.6 107.8 161.6
121 60.5 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.900 ng
RT: 10.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion: 93 Resp: 196896
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.589 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

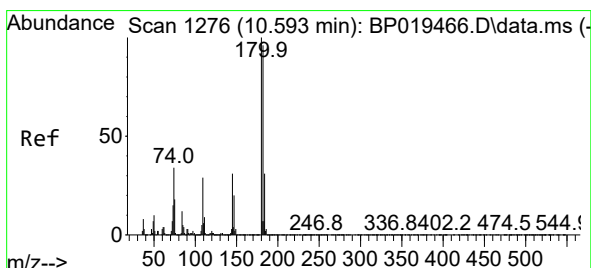
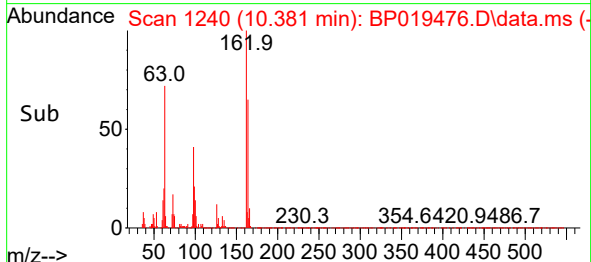
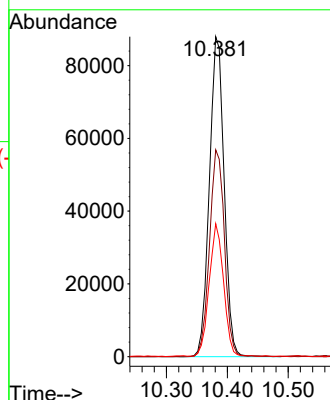
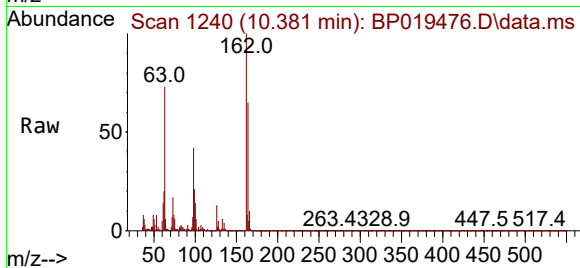
Tgt Ion:162 Resp: 148090

Ion Ratio Lower Upper

162 100

164 64.7 43.3 83.3

98 41.6 20.5 60.5



#30

1,2,4-Trichlorobenzene

Concen: 44.660 ng

RT: 10.593 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

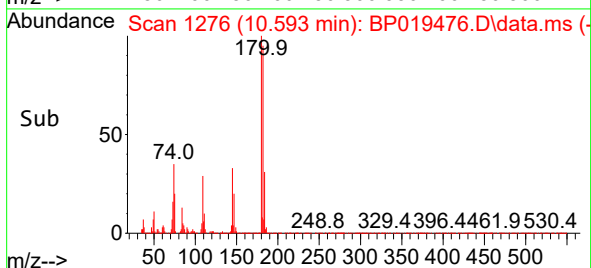
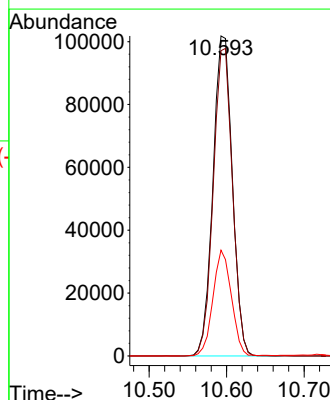
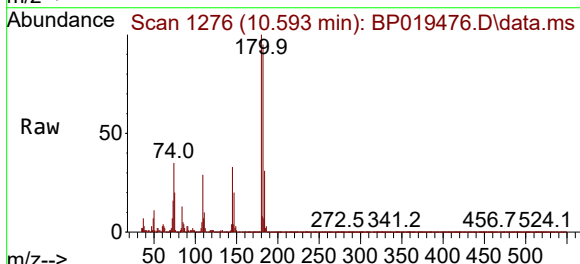
Tgt Ion:180 Resp: 176364

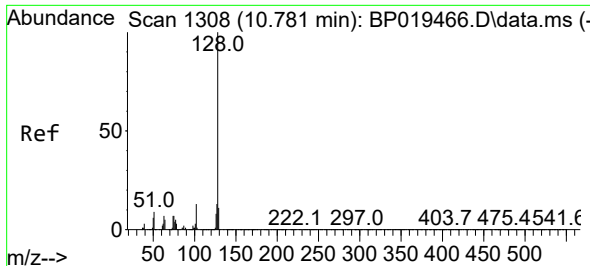
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.4

145 33.0 25.1 37.7

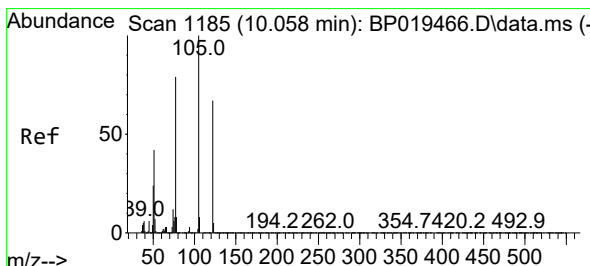
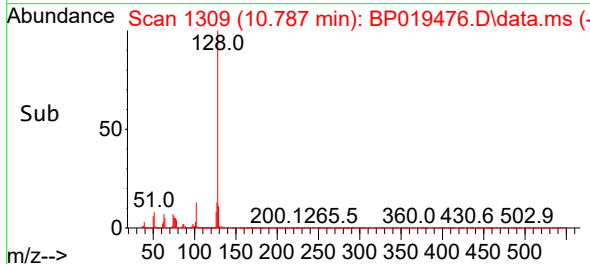
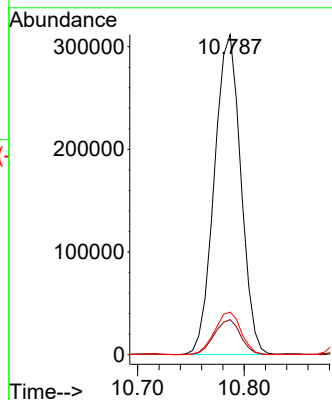
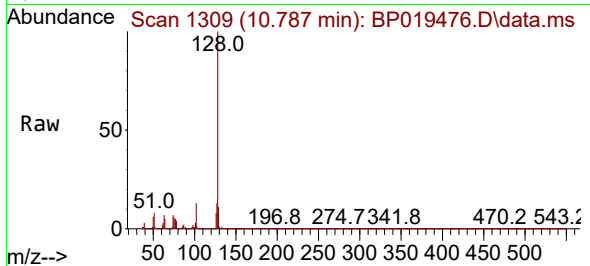




#31
Naphthalene
Concen: 48.496 ng
RT: 10.787 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

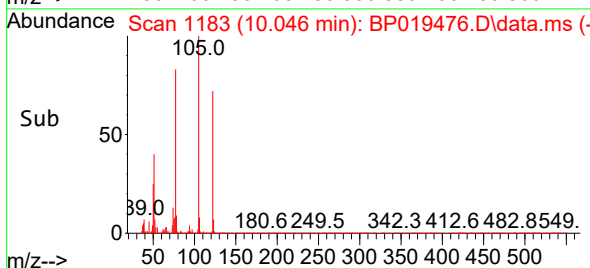
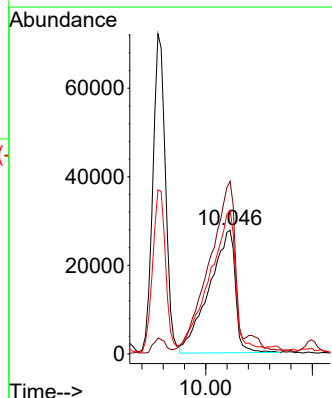
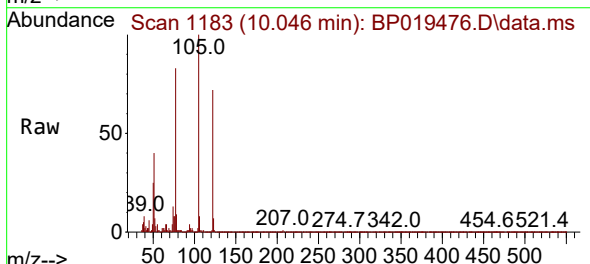
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

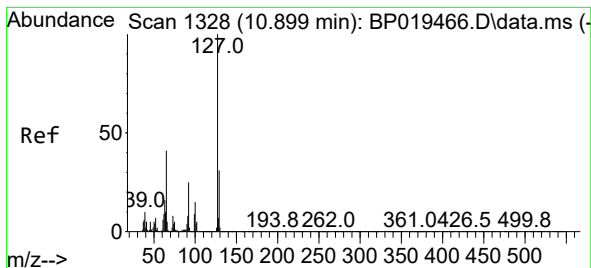
Tgt Ion:128 Resp: 537792
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 39.538 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:122 Resp: 94707
Ion Ratio Lower Upper
122 100
105 139.7 124.5 164.5
77 116.4 97.0 137.0

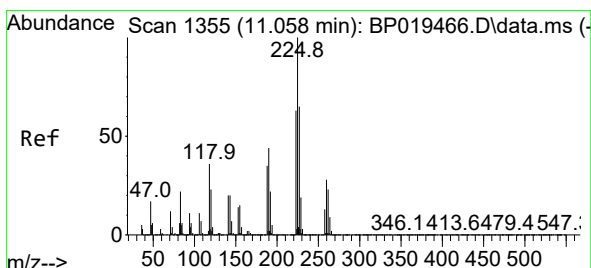
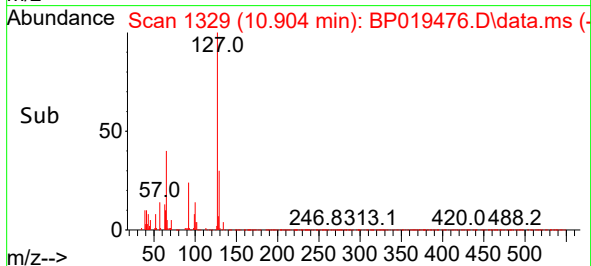
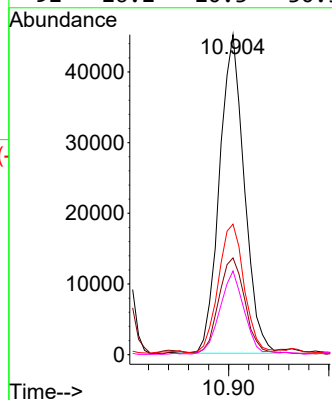
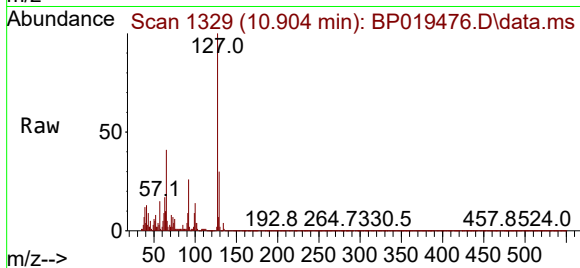




#33
4-Chloroaniline
Concen: 17.723 ng
RT: 10.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

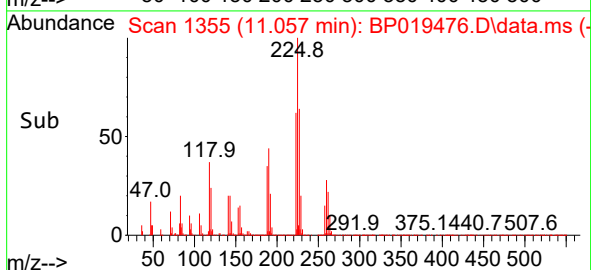
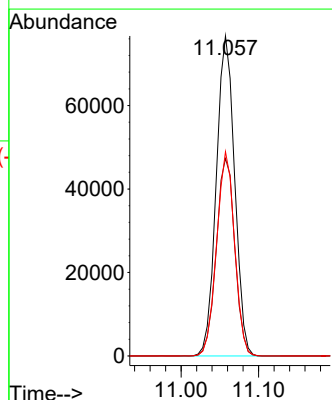
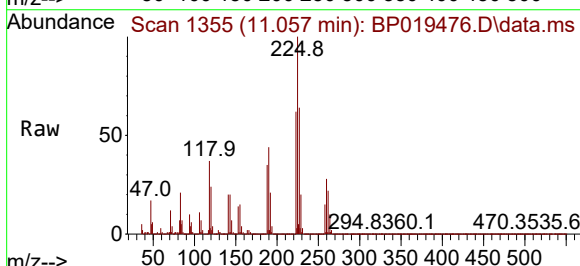
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

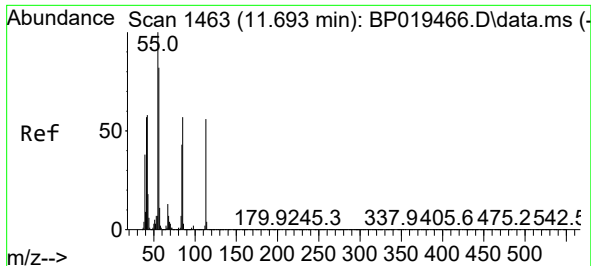
Tgt Ion:	127	Resp:	77433
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.0	37.4
65	40.8	32.6	48.8
92	26.2	20.3	30.5



#34
Hexachlorobutadiene
Concen: 44.008 ng
RT: 11.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

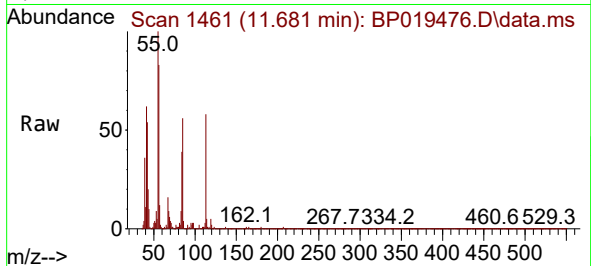
Tgt Ion:	225	Resp:	125966
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	63.9	51.9	77.9



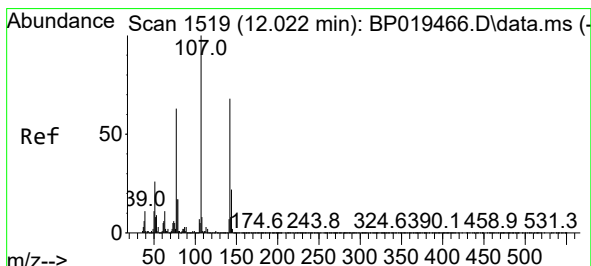
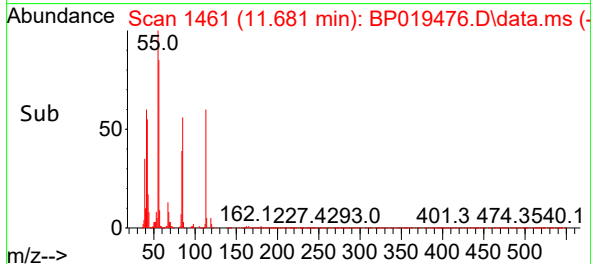
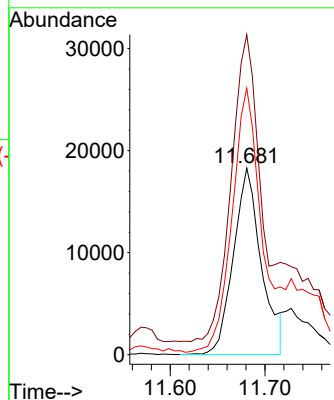


#35
Caprolactam
Concen: 31.059 ng
RT: 11.681 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

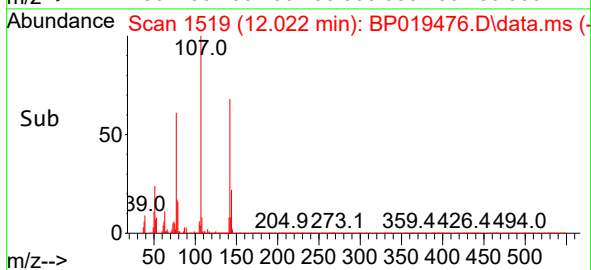
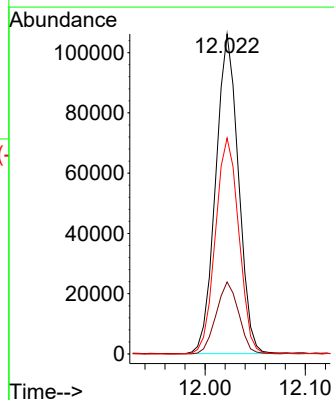
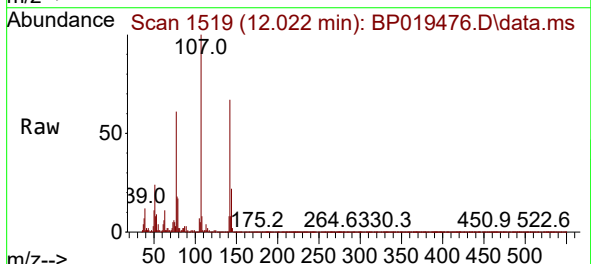


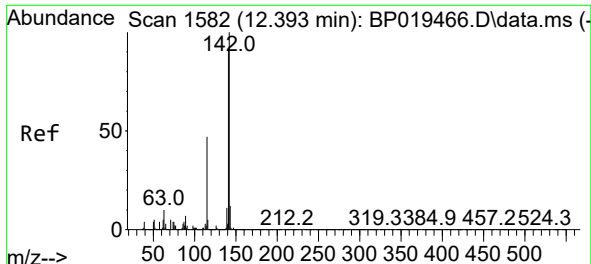
Tgt Ion:113 Resp: 37483
Ion Ratio Lower Upper
113 100
55 171.5 158.3 198.3
56 142.8 126.6 166.6



#36
4-Chloro-3-methylphenol
Concen: 38.752 ng
RT: 12.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:107 Resp: 167283
Ion Ratio Lower Upper
107 100
144 22.5 17.8 26.8
142 67.5 54.2 81.2

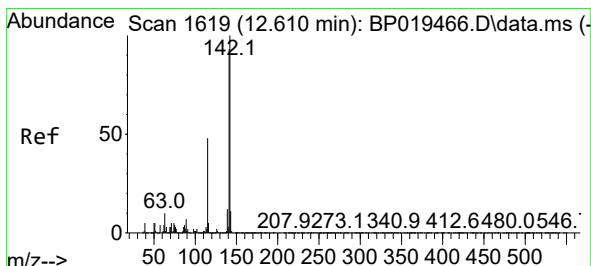
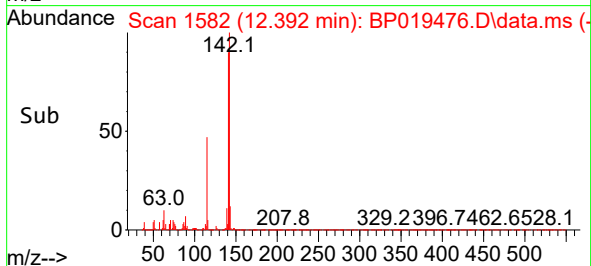
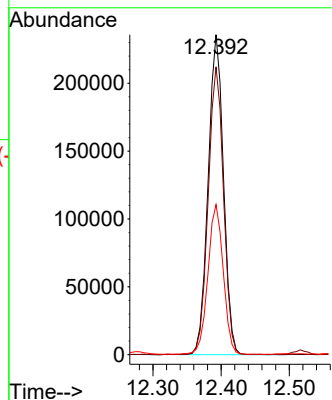
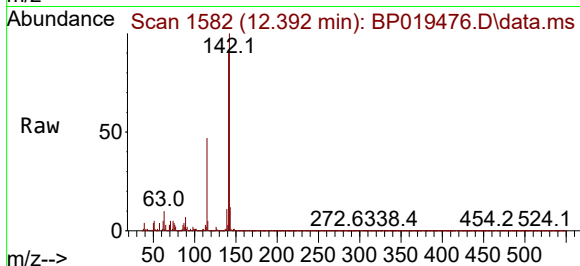




#37
2-Methylnaphthalene
Concen: 46.360 ng
RT: 12.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

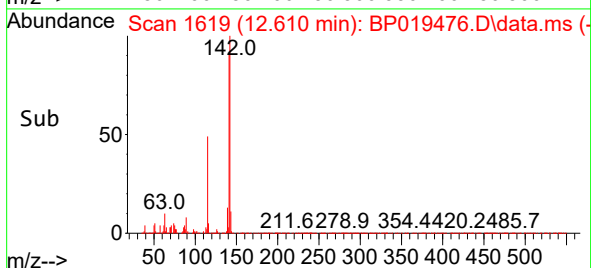
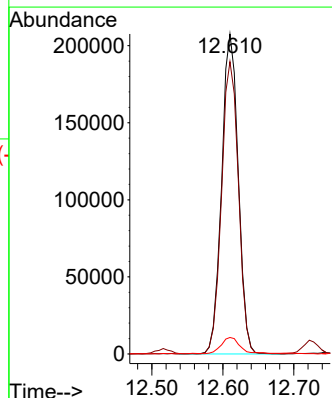
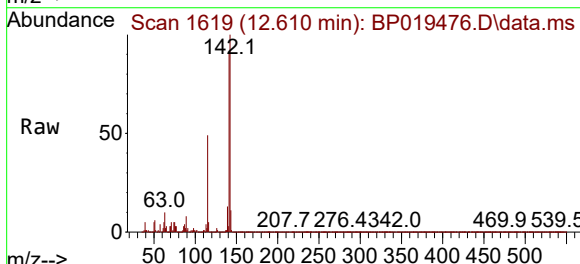
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

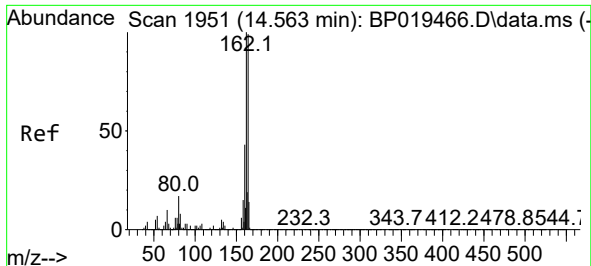
Tgt Ion:142 Resp: 368491
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.4
115 46.9 37.4 56.2



#38
1-Methylnaphthalene
Concen: 42.832 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:142 Resp: 336760
Ion Ratio Lower Upper
142 100
141 91.3 74.4 111.6
116 5.2 4.1 6.1

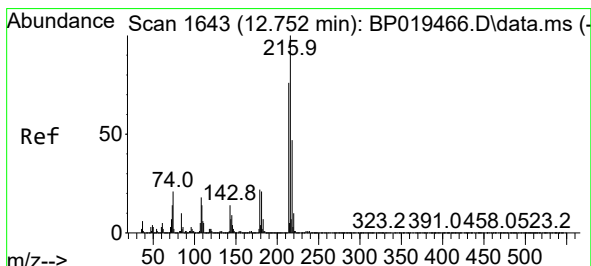
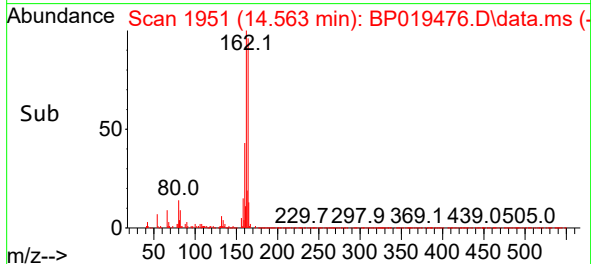
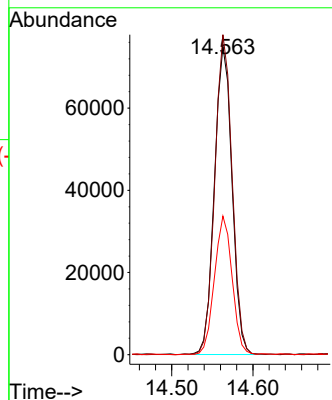
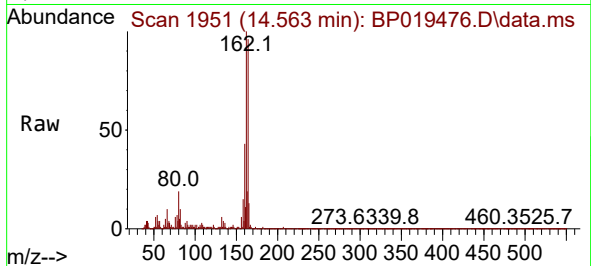




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

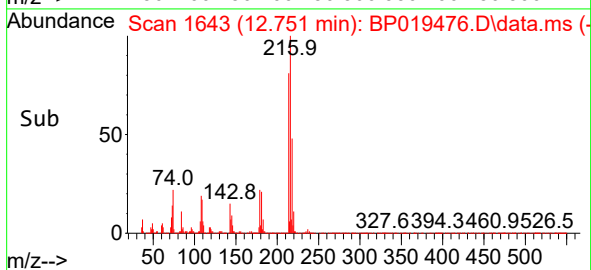
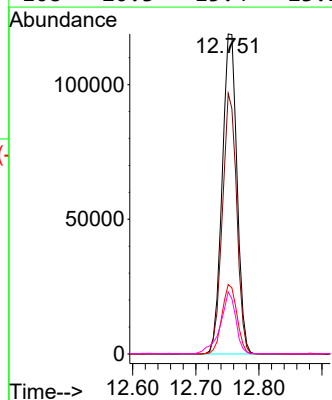
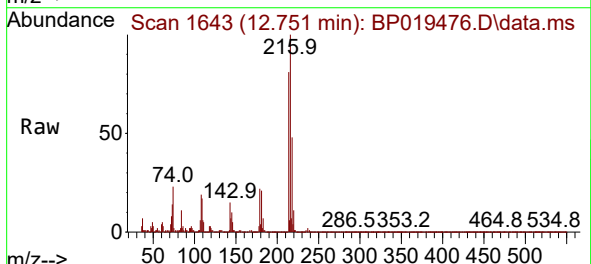
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

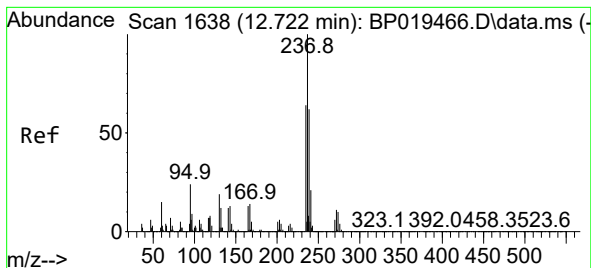
Tgt Ion:164 Resp: 112929
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 44.9 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.122 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:216 Resp: 193498
Ion Ratio Lower Upper
216 100
214 78.8 61.2 91.8
179 21.8 17.4 26.2
108 20.3 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 63.238 ng

RT: 12.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

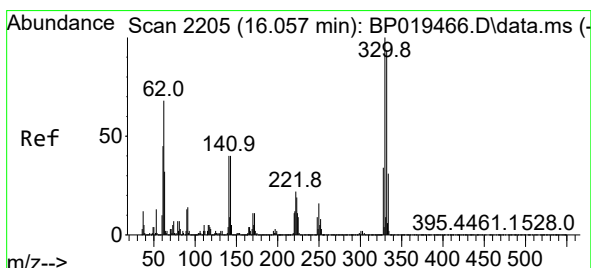
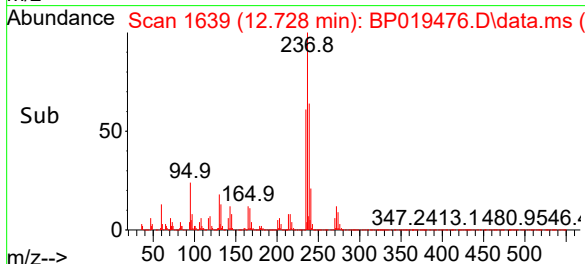
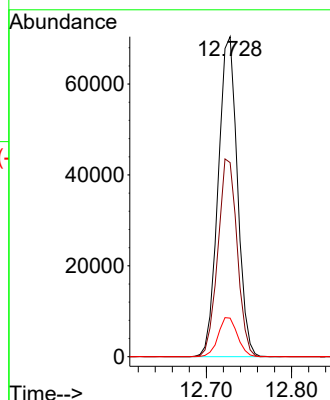
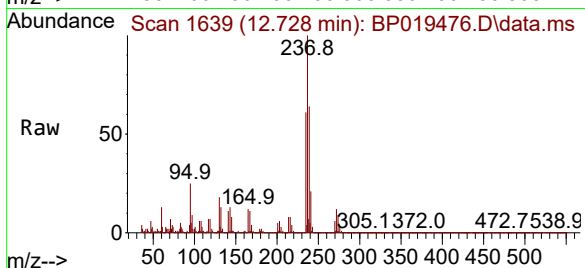
Tgt Ion:237 Resp: 110159

Ion Ratio Lower Upper

237 100

235 60.7 43.7 83.7

272 12.1 0.0 30.7



#42

2,4,6-Tribromophenol

Concen: 97.696 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

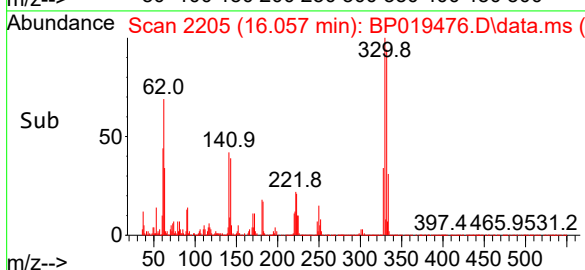
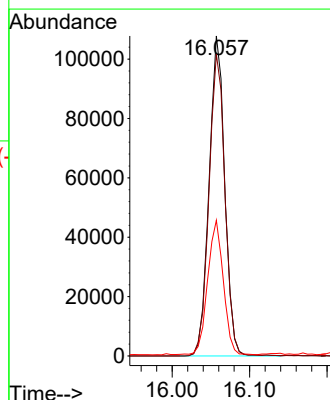
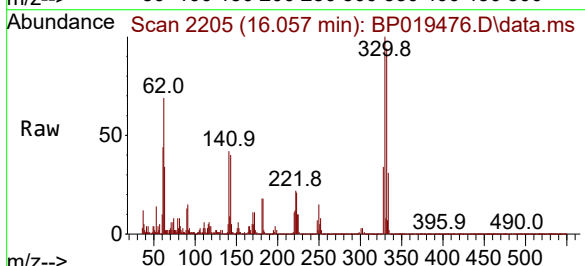
Tgt Ion:330 Resp: 151158

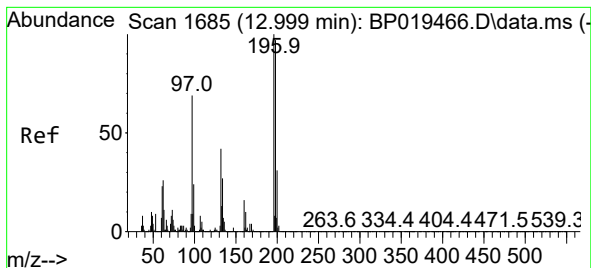
Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.2

141 41.9 33.3 49.9





#43

2,4,6-Trichlorophenol

Concen: 47.774 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

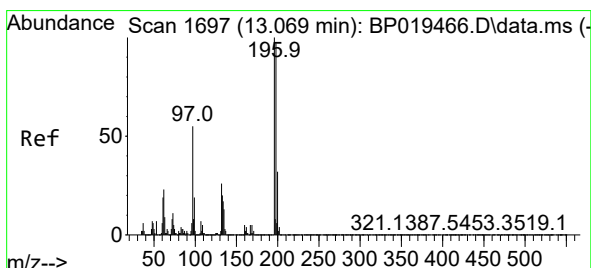
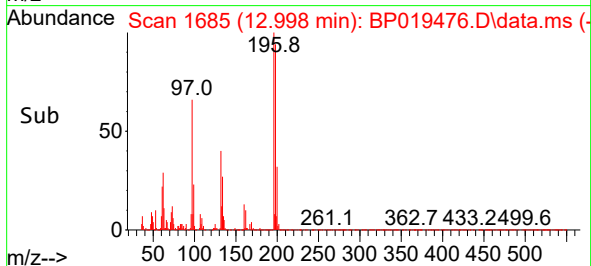
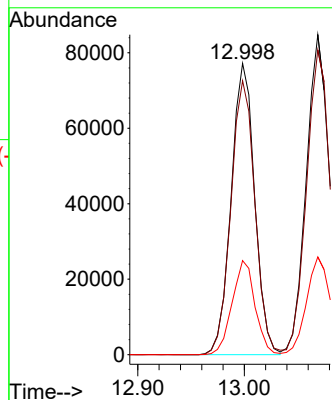
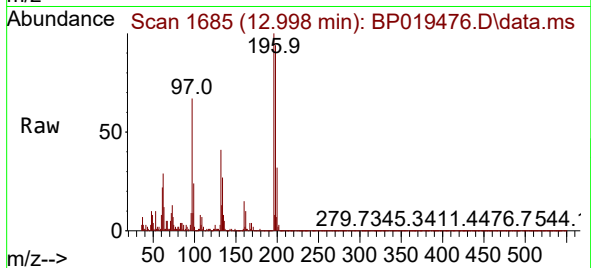
Tgt Ion:196 Resp: 118474

Ion Ratio Lower Upper

196 100

198 94.1 77.7 116.5

200 32.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.277 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Tgt Ion:196 Resp: 128908

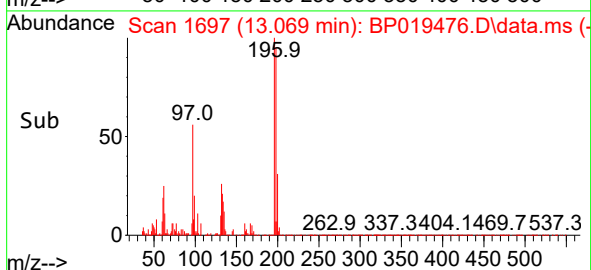
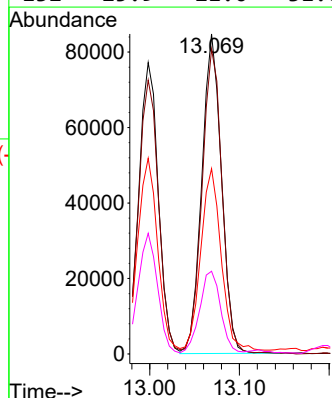
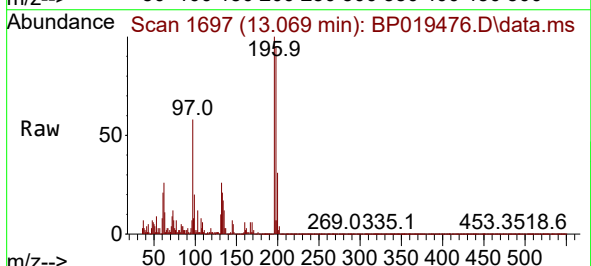
Ion Ratio Lower Upper

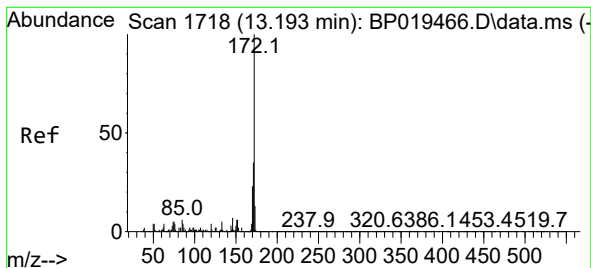
196 100

198 95.3 77.5 116.3

97 57.9 44.3 66.5

132 25.9 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 62.993 ng

RT: 13.192 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

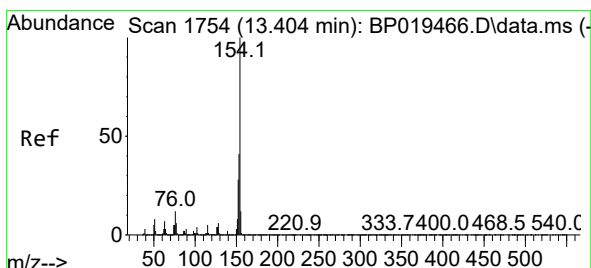
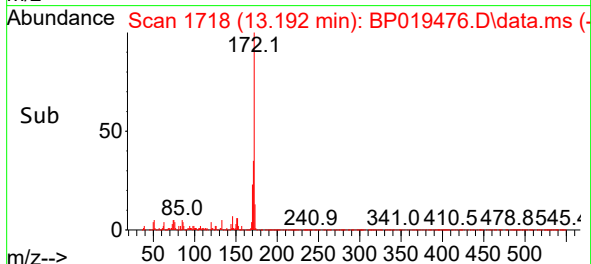
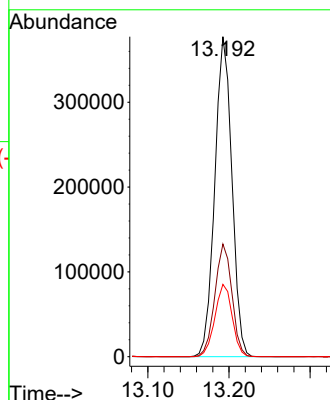
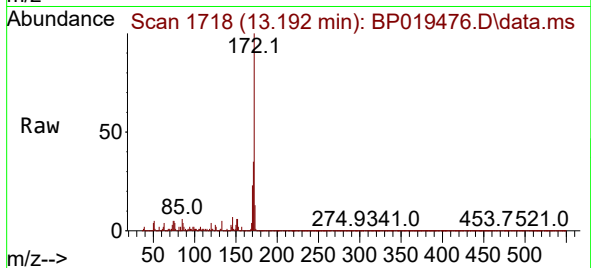
Tgt Ion:172 Resp: 552487

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 49.006 ng

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

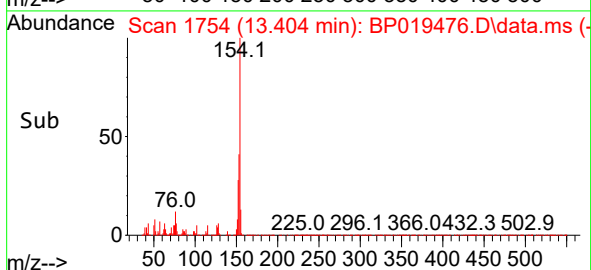
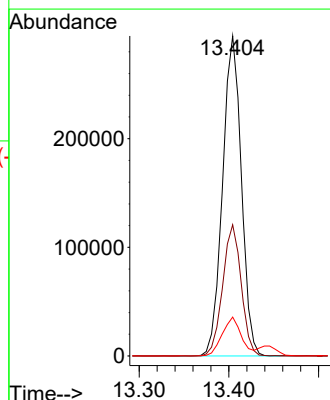
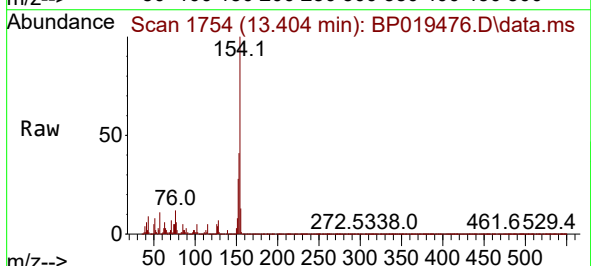
Tgt Ion:154 Resp: 427462

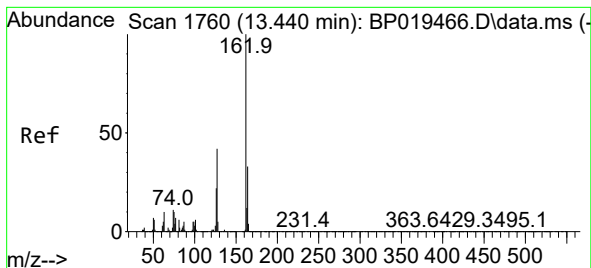
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.2 0.0 32.2





#47

2-Chloronaphthalene

Concen: 46.524 ng

RT: 13.445 min Scan# 1760

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

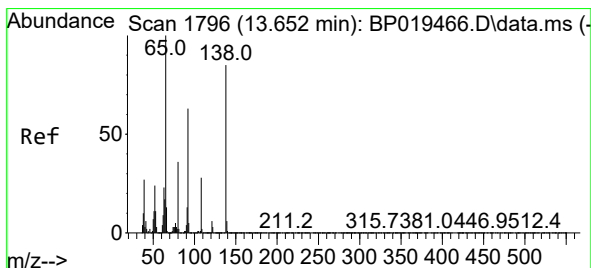
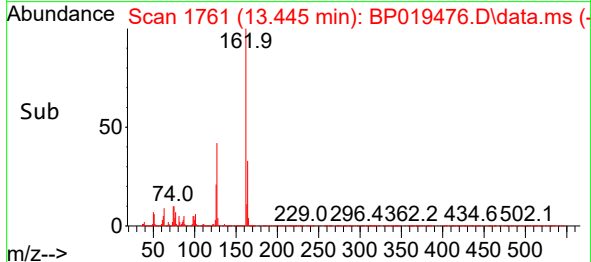
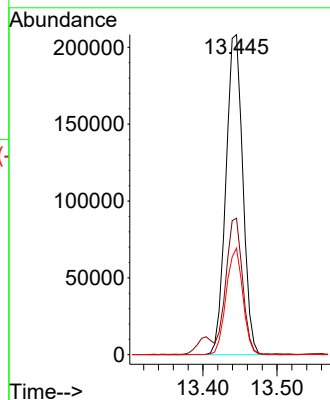
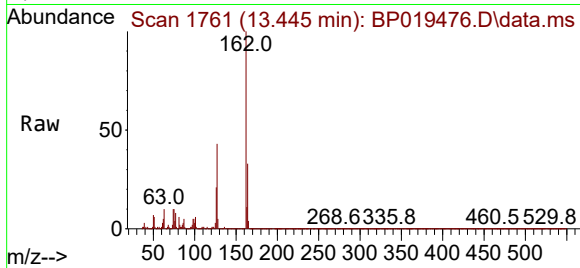
Tgt Ion:162 Resp: 329670

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

164 33.3 26.1 39.1



#48

2-Nitroaniline

Concen: 46.668 ng

RT: 13.651 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

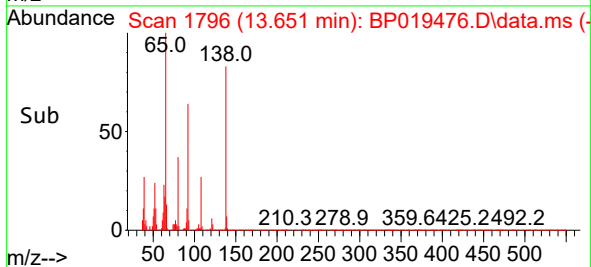
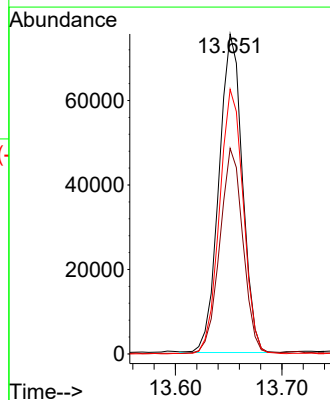
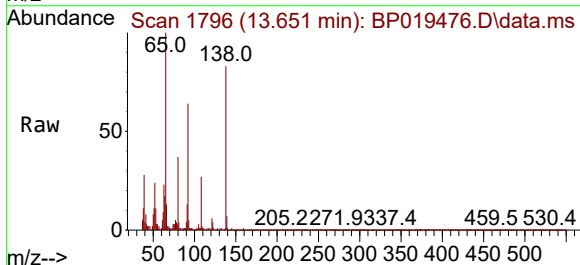
Tgt Ion: 65 Resp: 115142

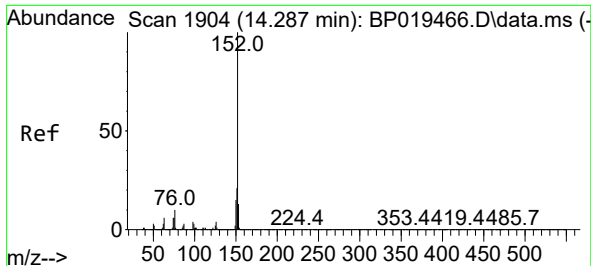
Ion Ratio Lower Upper

65 100

92 64.2 50.7 76.1

138 82.7 68.2 102.2

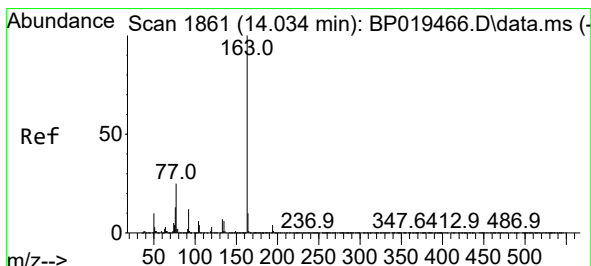
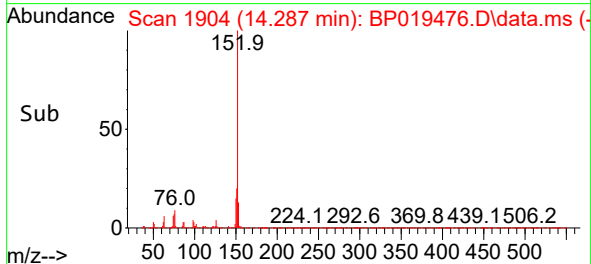
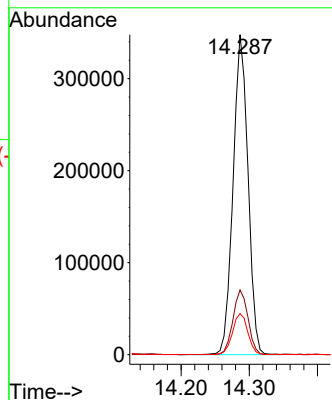
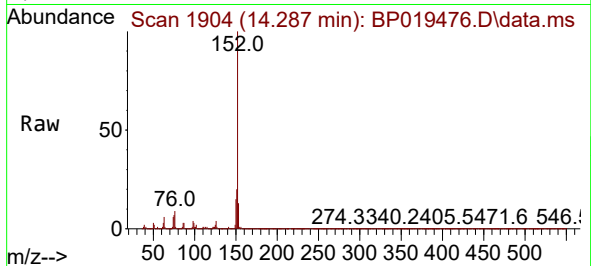




#49
Acenaphthylene
Concen: 50.424 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

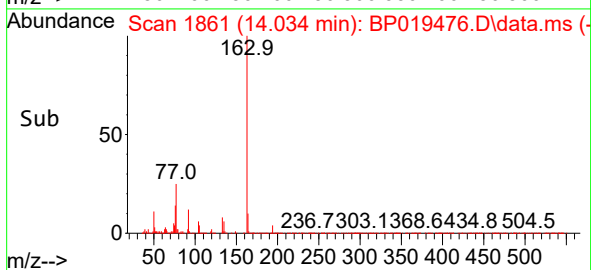
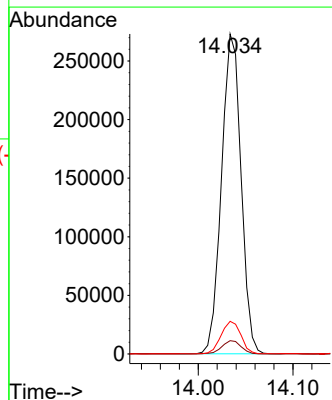
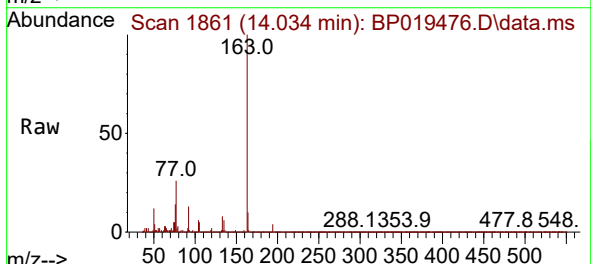
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

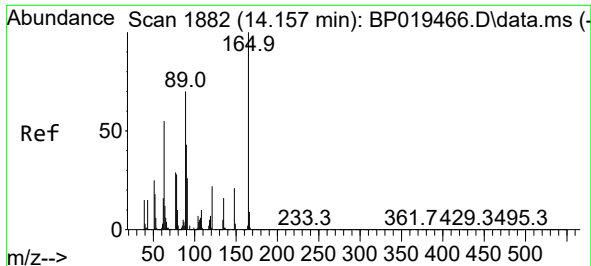
Tgt Ion:	152	Resp:	528953
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.6	24.8
153	12.9	10.6	15.8



#50
Dimethylphthalate
Concen: 42.352 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:	163	Resp:	391385
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.2	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 41.877 ng

RT: 14.157 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

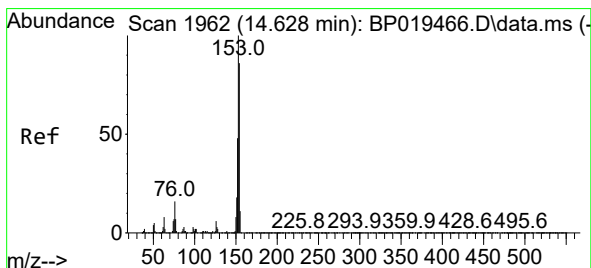
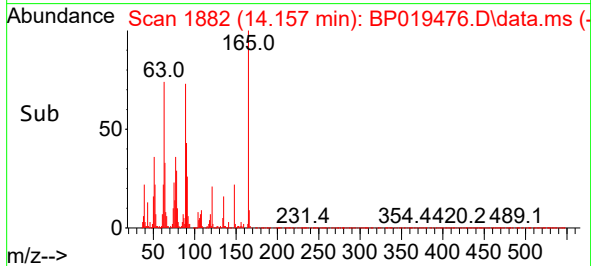
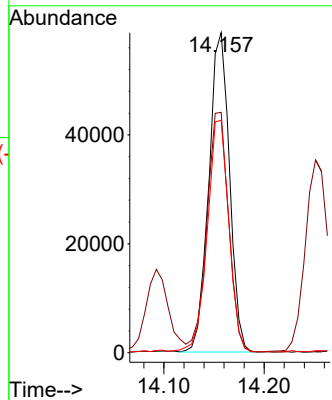
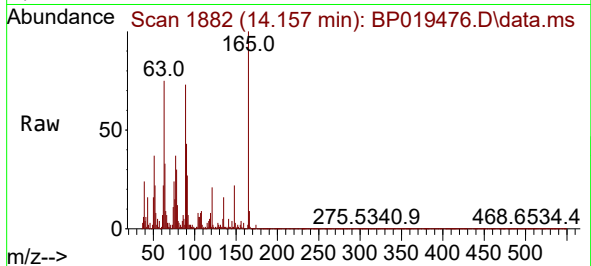
Tgt Ion:165 Resp: 84208

Ion Ratio Lower Upper

165 100

63 75.1 59.8 89.6

89 72.7 56.6 85.0



#52

Acenaphthene

Concen: 60.949 ng

RT: 14.628 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

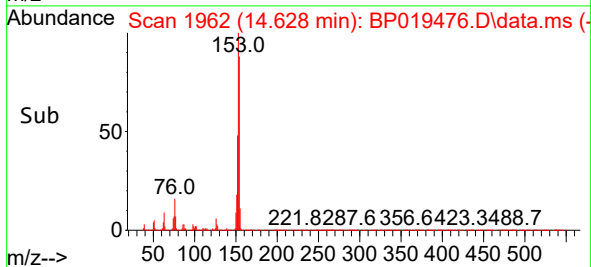
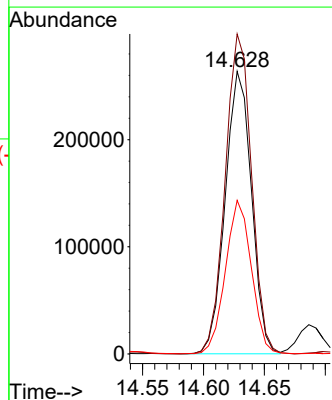
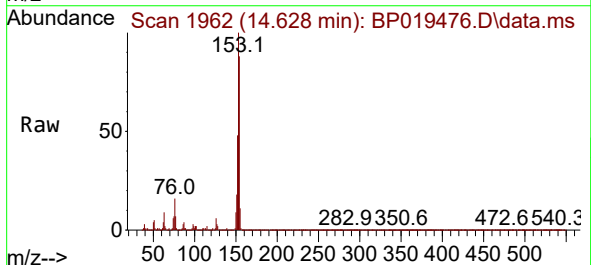
Tgt Ion:154 Resp: 396132

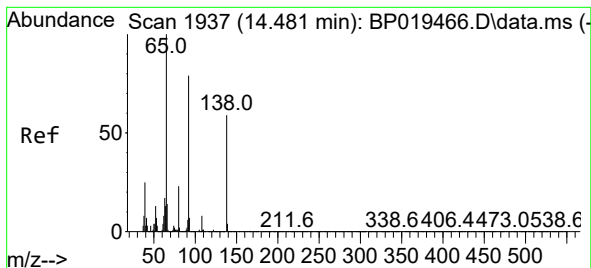
Ion Ratio Lower Upper

154 100

153 113.3 93.4 140.2

152 54.4 44.7 67.1

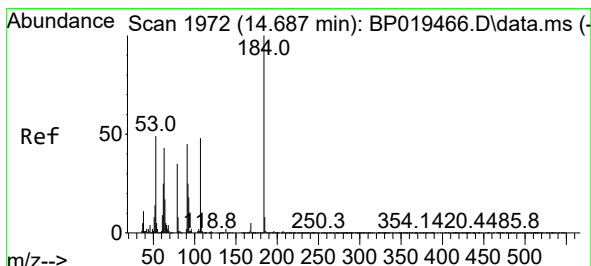
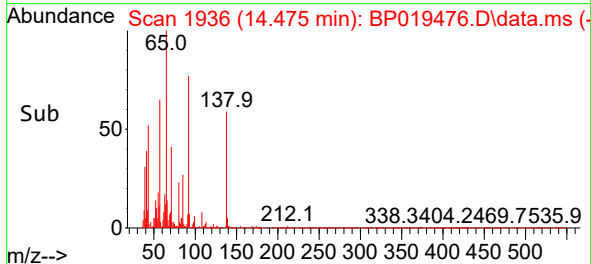
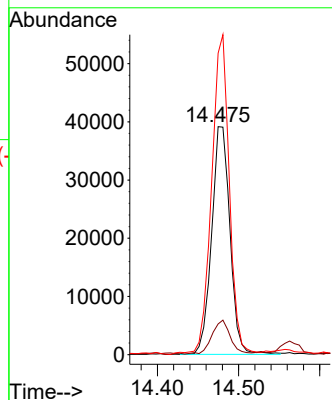
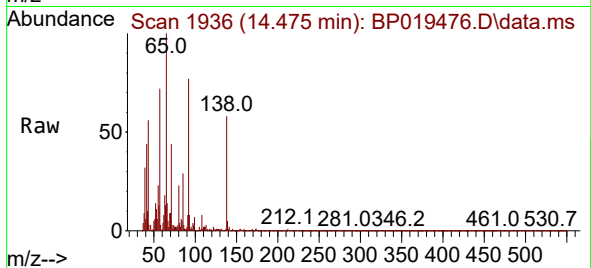




#53
3-Nitroaniline
Concen: 32.036 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

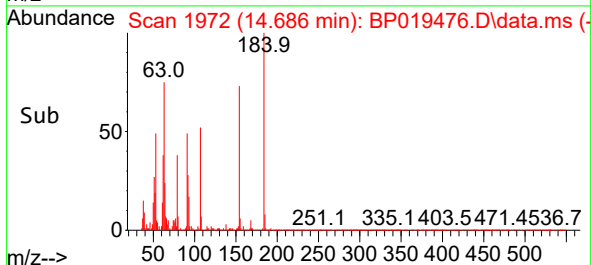
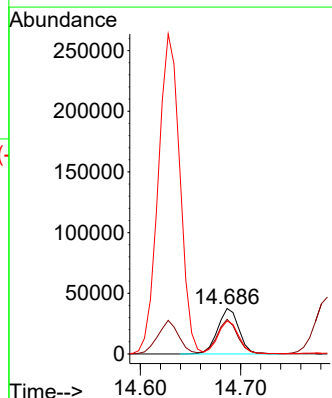
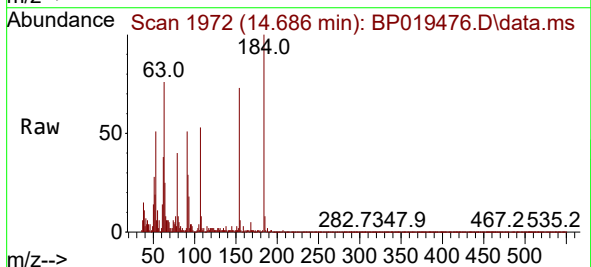
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

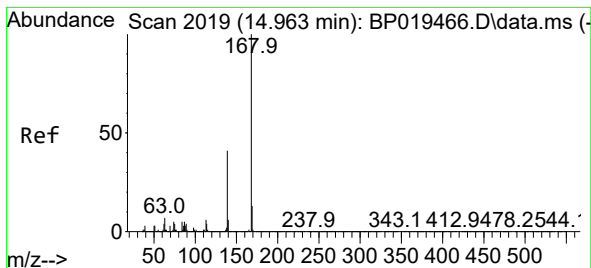
Tgt Ion:138 Resp: 61321
Ion Ratio Lower Upper
138 100
108 13.5 11.5 17.3
92 132.1 107.9 161.9



#54
2,4-Dinitrophenol
Concen: 49.281 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:184 Resp: 54902
Ion Ratio Lower Upper
184 100
63 76.1 56.8 85.2
154 73.0 59.3 88.9





#55

Dibenzofuran

Concen: 57.203 ng

RT: 14.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

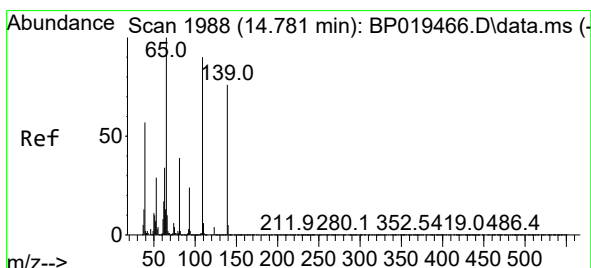
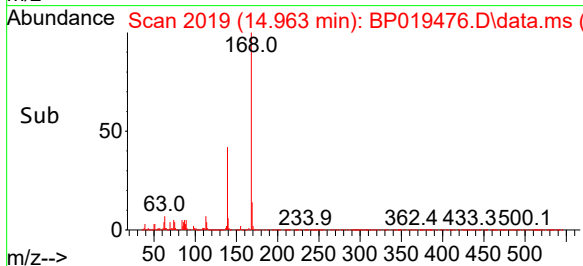
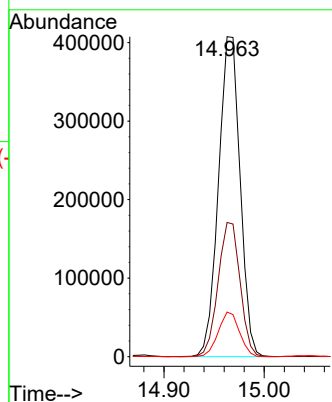
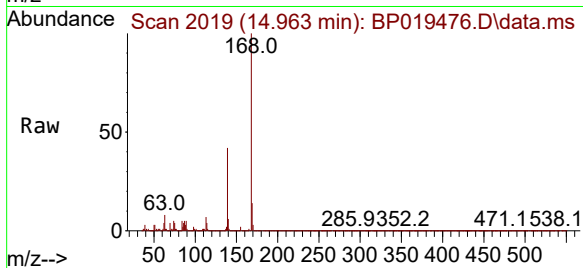
Tgt Ion:168 Resp: 609498

Ion Ratio Lower Upper

168 100

139 42.0 33.1 49.7

169 13.9 10.5 15.7



#56

4-Nitrophenol

Concen: 100.696 ng

RT: 14.786 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

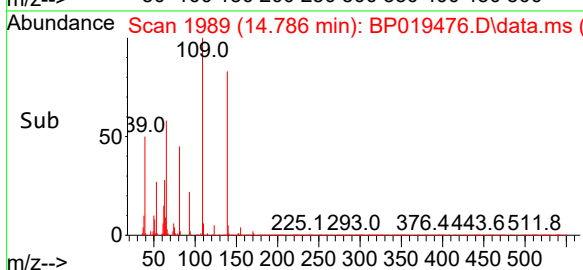
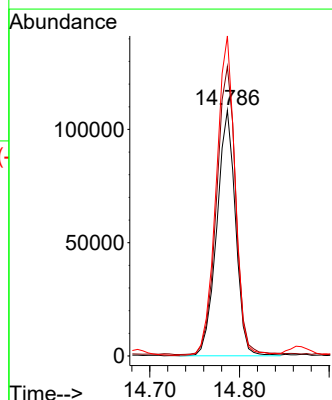
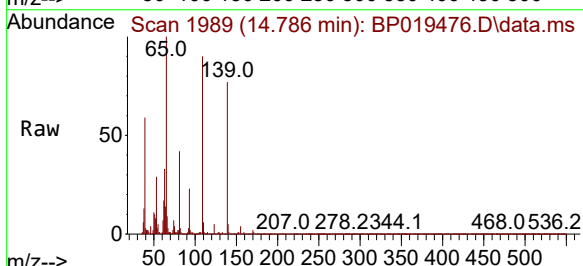
Tgt Ion:139 Resp: 157436

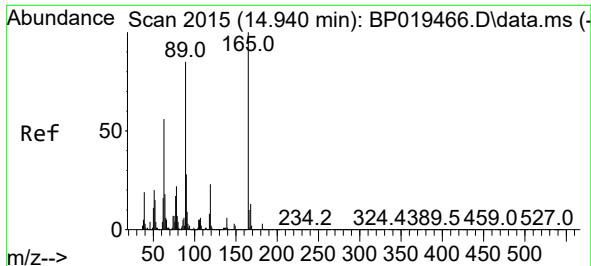
Ion Ratio Lower Upper

139 100

109 117.8 97.6 137.6

65 130.3 110.9 150.9

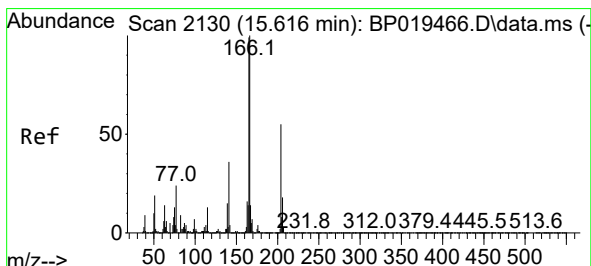
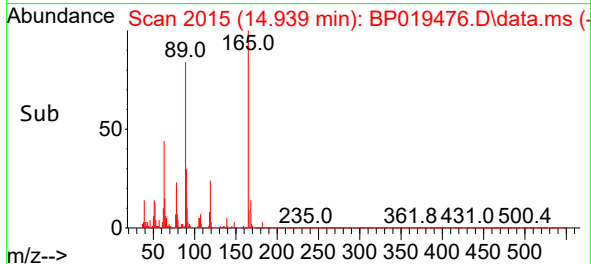
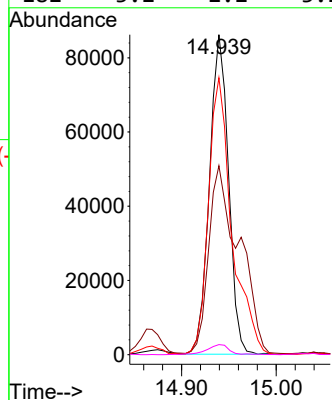
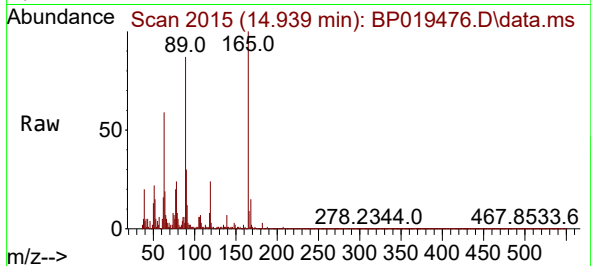




#57
2,4-Dinitrotoluene
Concen: 43.743 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

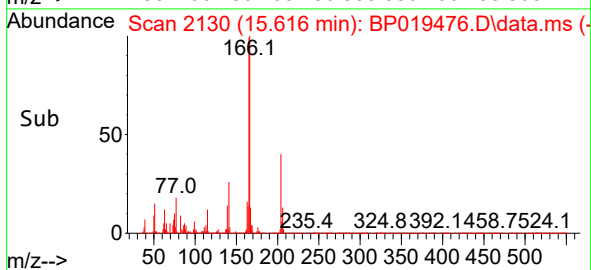
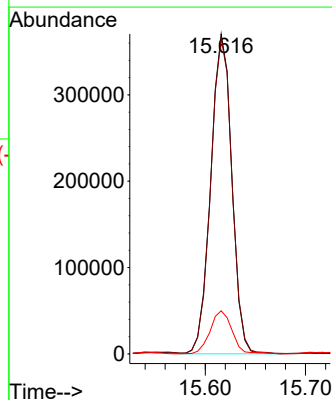
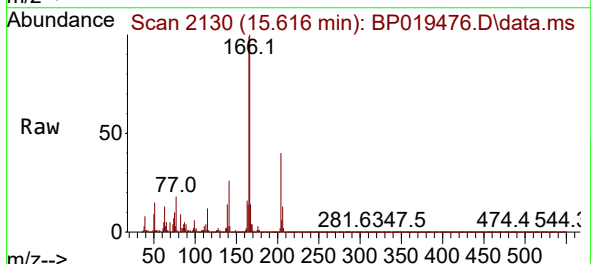
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

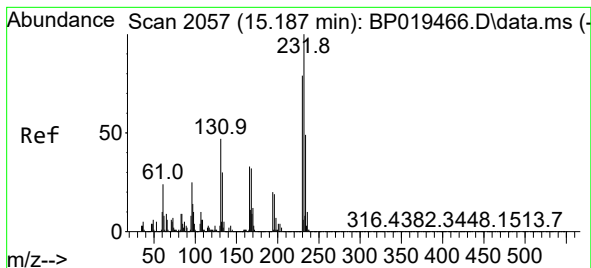
Tgt Ion:165 Resp: 120246
Ion Ratio Lower Upper
165 100
63 59.1 45.1 67.7
89 86.6 67.8 101.8
182 3.2 2.2 3.2



#58
Fluorene
Concen: 61.258 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:166 Resp: 540037
Ion Ratio Lower Upper
166 100
165 98.6 79.4 119.0
167 13.5 11.2 16.8

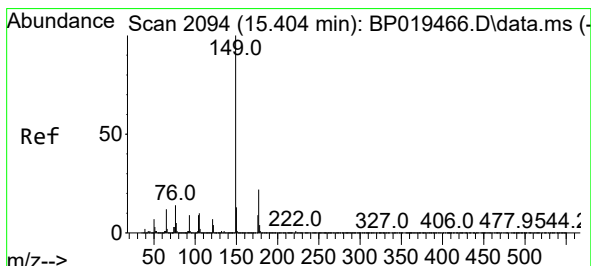
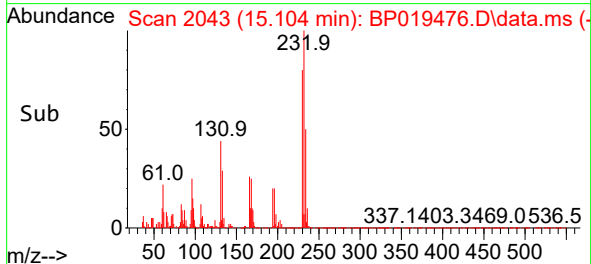
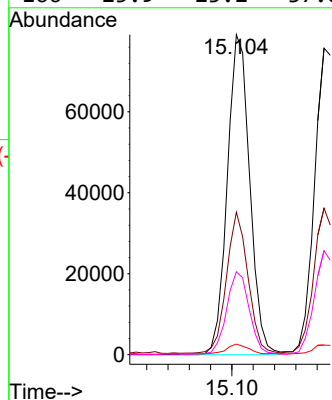
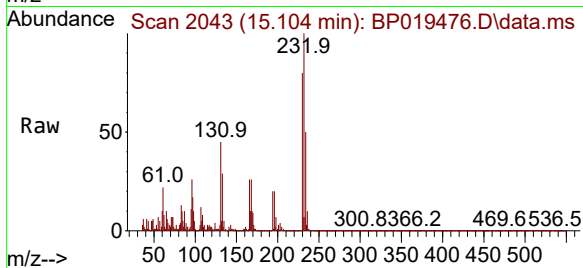




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.836 ng
RT: 15.104 min Scan# 2043
Delta R.T. -0.083 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

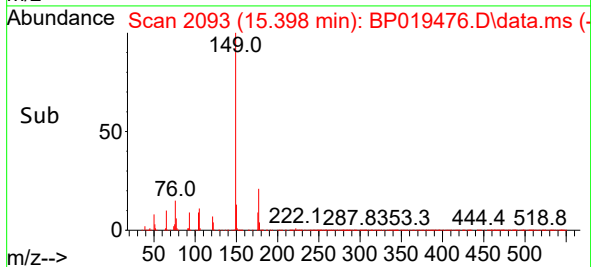
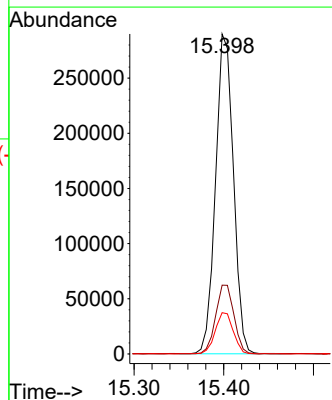
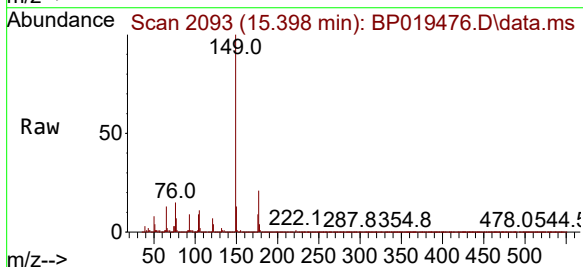
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

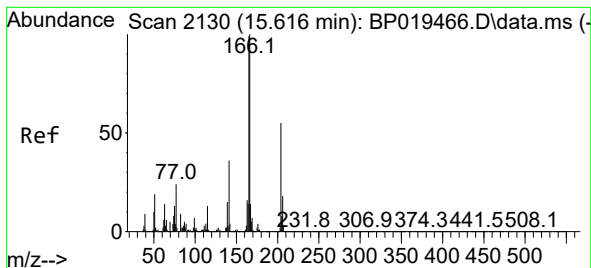
Tgt Ion:232 Resp: 115562
Ion Ratio Lower Upper
232 100
131 42.0 37.0 55.6
130 3.3 2.2 3.4
166 25.9 25.2 37.8



#60
Diethylphthalate
Concen: 41.487 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:149 Resp: 400662
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.8
150 12.9 10.1 15.1

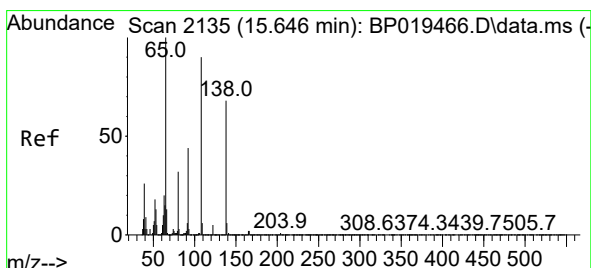
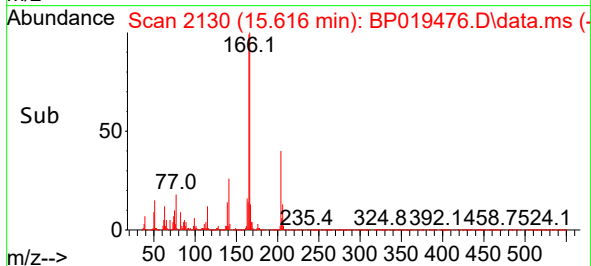
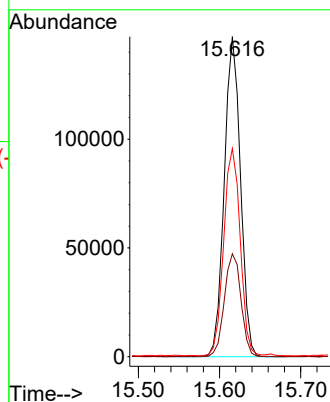
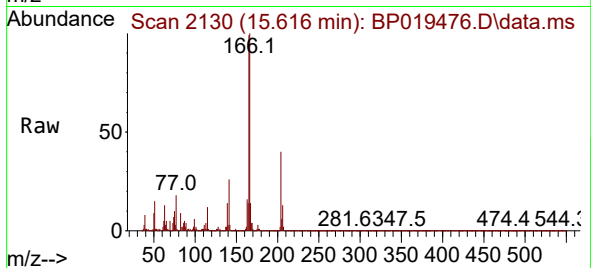




#61
4-Chlorophenyl-phenylether
Concen: 42.809 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

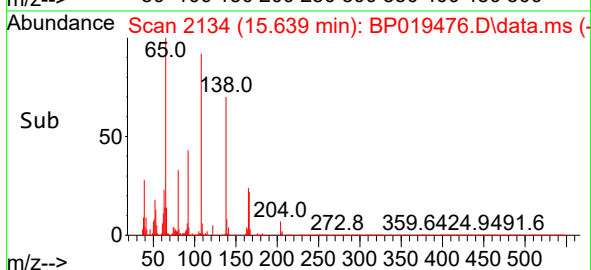
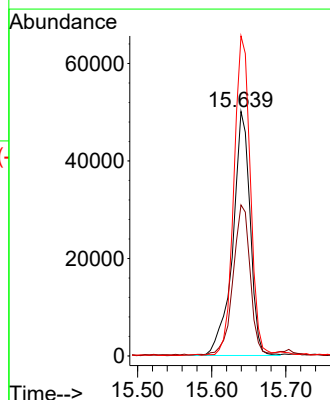
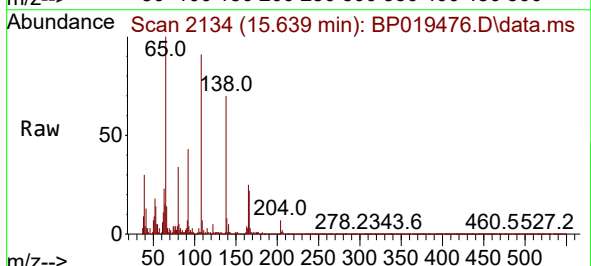
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

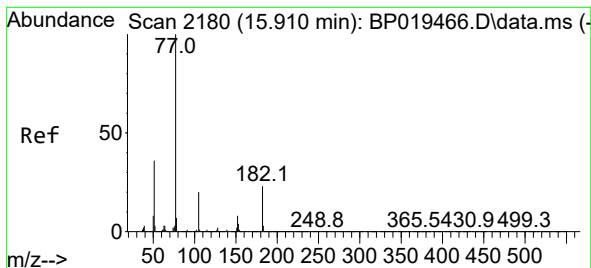
Tgt Ion:204 Resp: 204399
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 65.0 52.6 78.8



#62
4-Nitroaniline
Concen: 39.836 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:138 Resp: 81580
Ion Ratio Lower Upper
138 100
92 61.8 44.7 84.7
108 130.9 113.0 153.0





#63

Azobenzene

Concen: 44.369 ng

RT: 15.910 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

Tgt Ion: 77 Resp: 431546

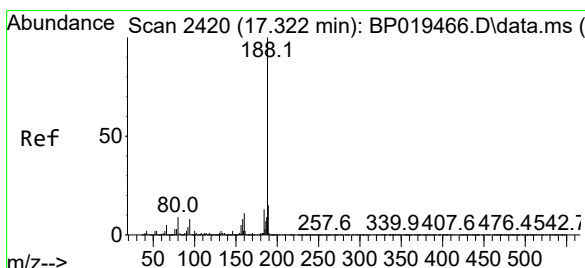
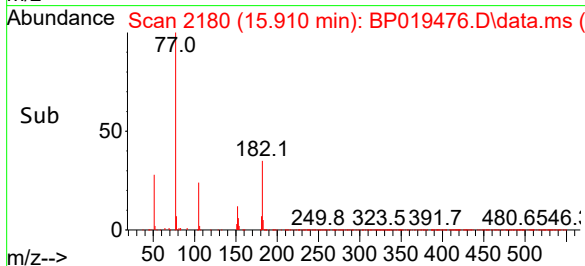
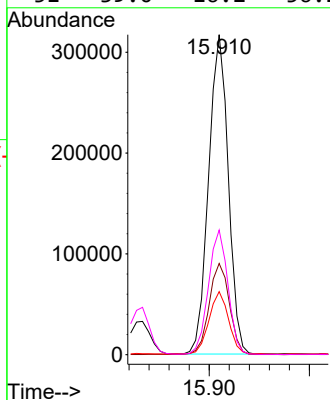
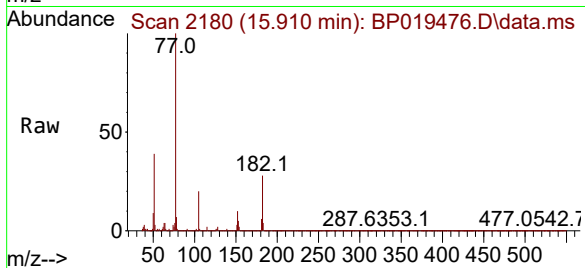
Ion Ratio Lower Upper

77 100

182 28.5 3.1 43.1

105 19.7 0.0 39.8

51 39.0 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

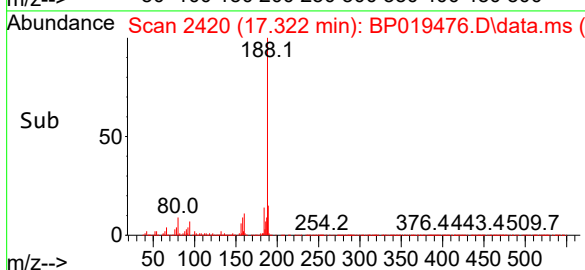
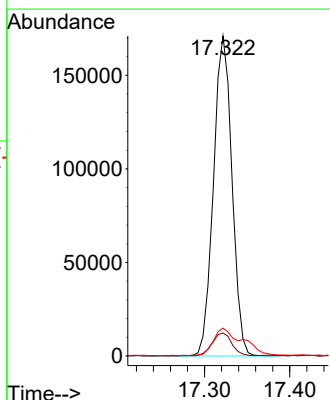
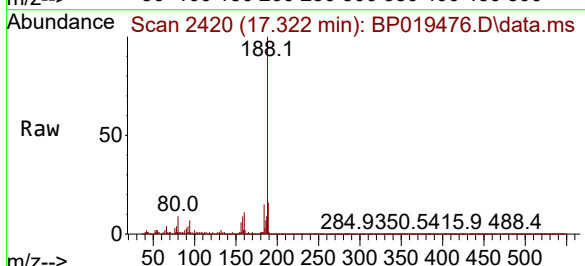
Tgt Ion:188 Resp: 258108

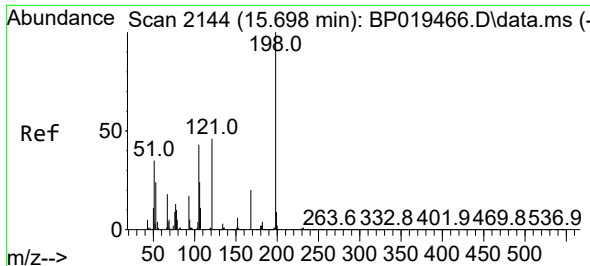
Ion Ratio Lower Upper

188 100

94 7.2 6.1 9.1

80 8.7 6.8 10.2

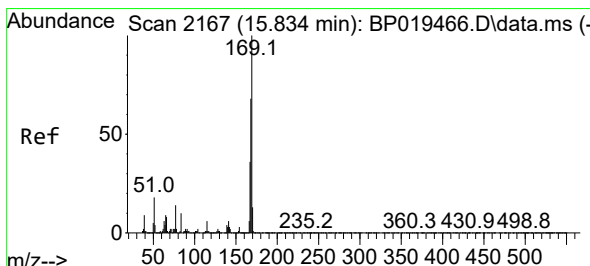
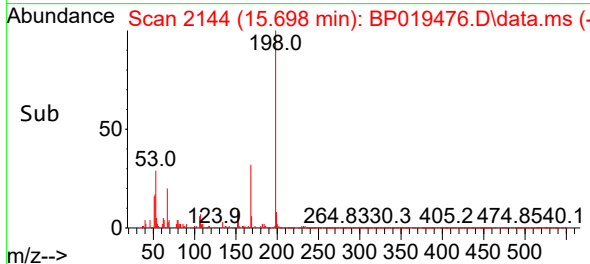
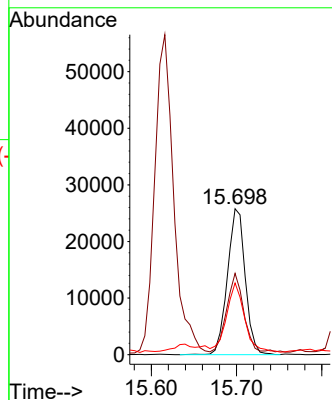
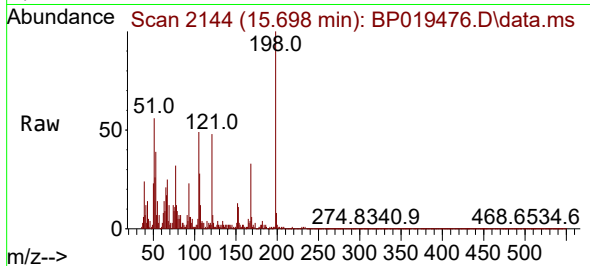




#65
4,6-Dinitro-2-methylphenol
Concen: 24.692 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

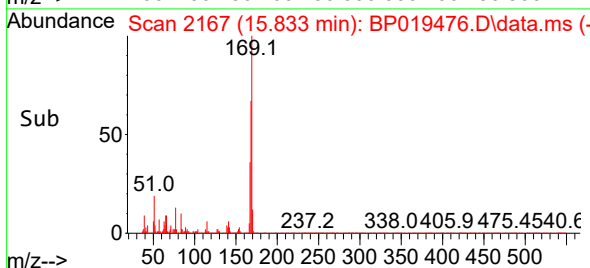
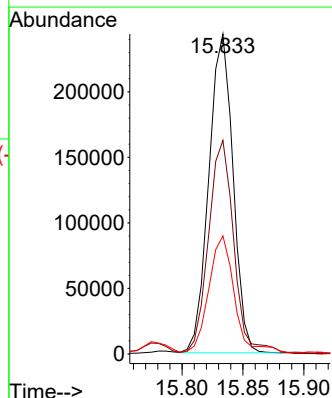
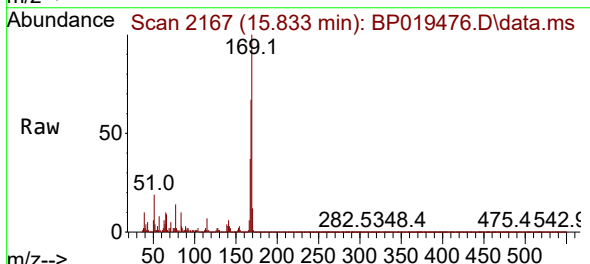
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

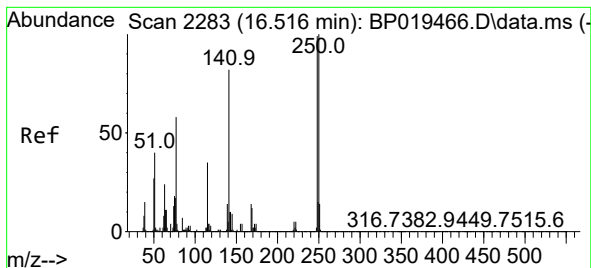
Tgt Ion:198 Resp: 37386
Ion Ratio Lower Upper
198 100
51 55.7 34.4 74.4
105 49.1 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 43.469 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:169 Resp: 335415
Ion Ratio Lower Upper
169 100
168 66.7 54.5 81.7
167 36.9 28.9 43.3

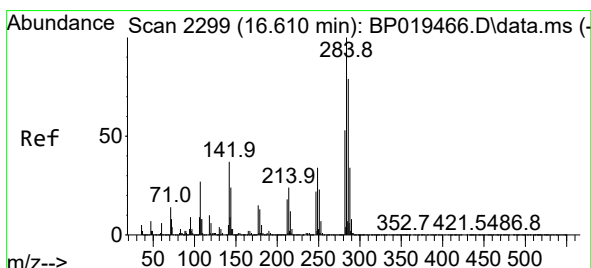
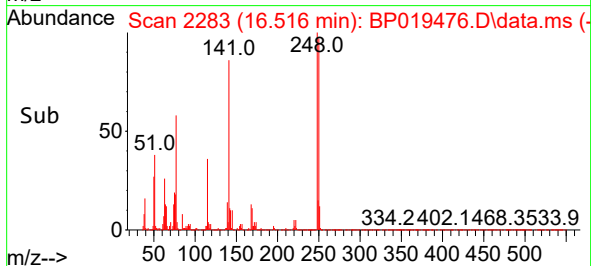
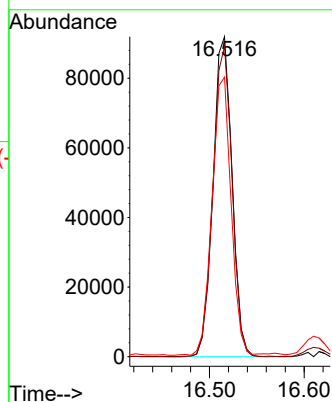
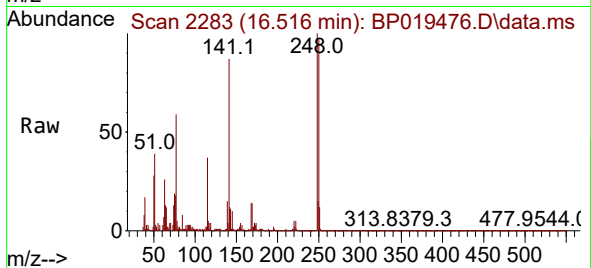




#67
4-Bromophenyl-phenylether
Concen: 43.357 ng
RT: 16.516 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

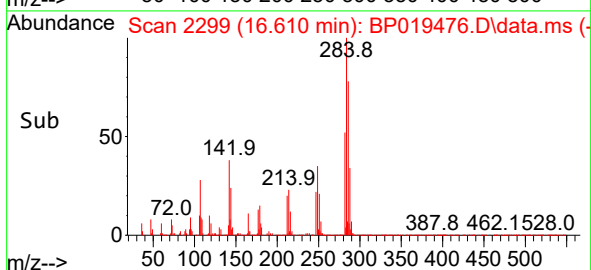
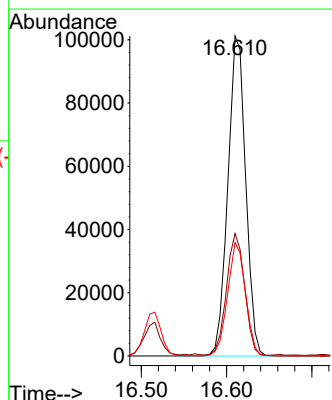
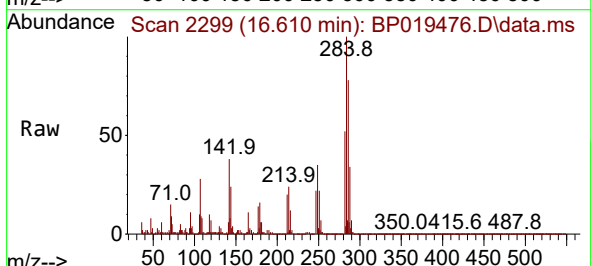
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

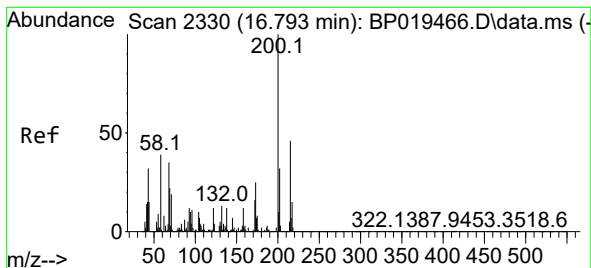
Tgt Ion:248 Resp: 128410
Ion Ratio Lower Upper
248 100
250 97.0 80.6 120.8
141 87.4 66.2 99.4



#68
Hexachlorobenzene
Concen: 43.527 ng
RT: 16.610 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:284 Resp: 146771
Ion Ratio Lower Upper
284 100
142 38.3 29.3 43.9
249 35.5 26.9 40.3





#69

Atrazine

Concen: 47.693 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

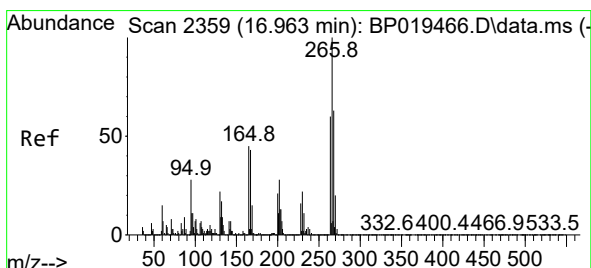
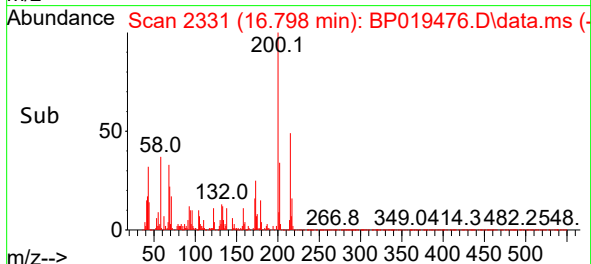
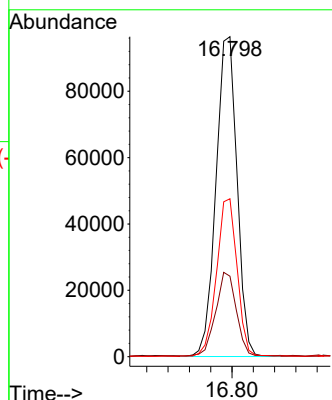
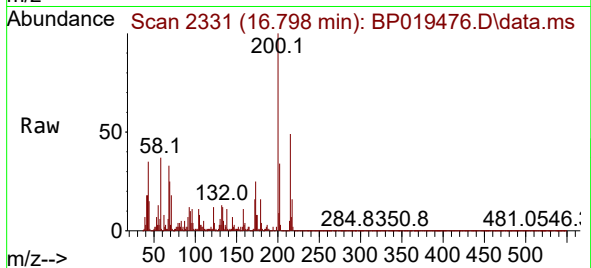
Tgt Ion:200 Resp: 132093

Ion Ratio Lower Upper

200 100

173 25.1 4.6 44.6

215 49.4 26.2 66.2



#70

Pentachlorophenol

Concen: 95.338 ng

RT: 16.963 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

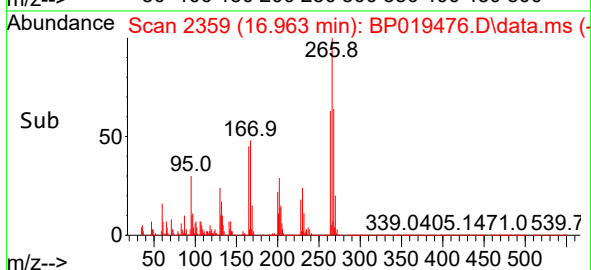
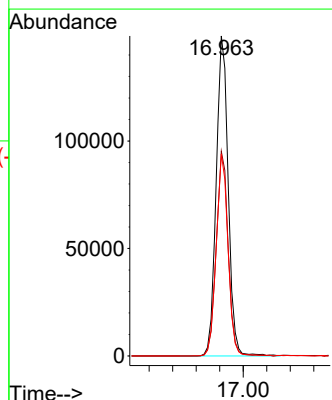
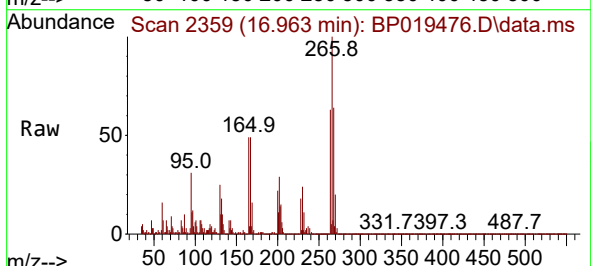
Tgt Ion:266 Resp: 210756

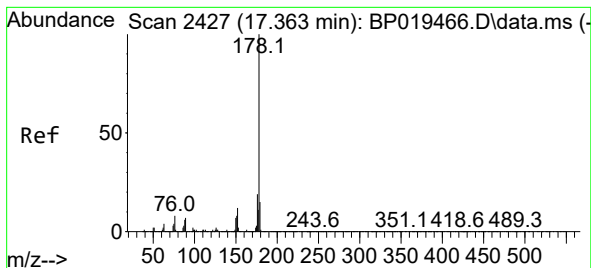
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.2 48.0 72.0





#71

Phenanthrene

Concen: 92.157 ng

RT: 17.369 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

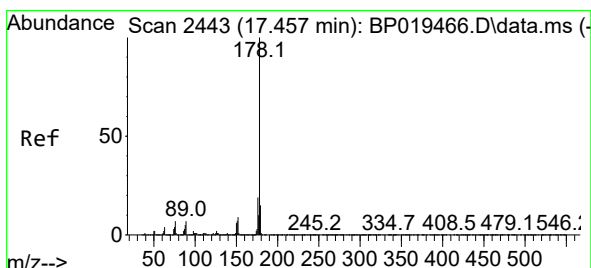
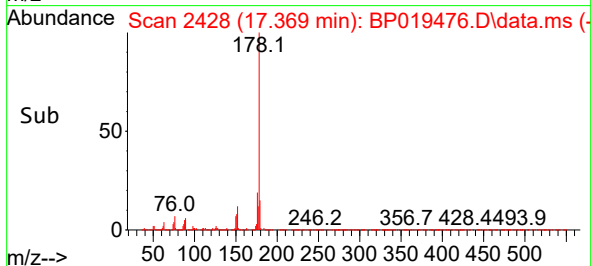
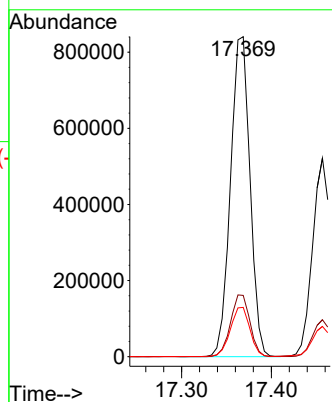
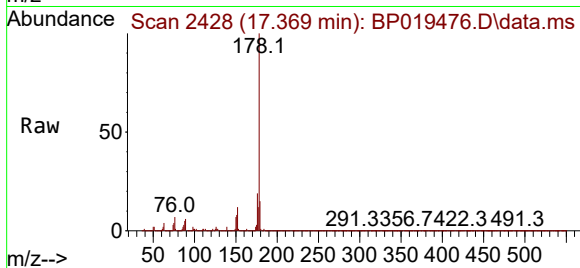
Tgt Ion:178 Resp: 1266505

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 15.4 12.0 18.0



#72

Anthracene

Concen: 53.593 ng

RT: 17.457 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

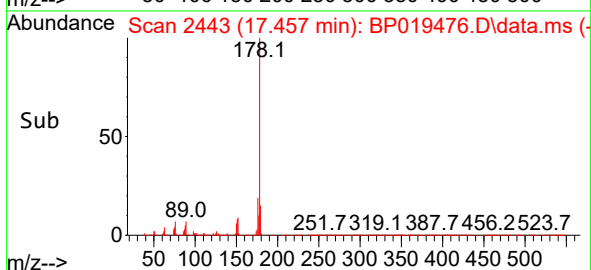
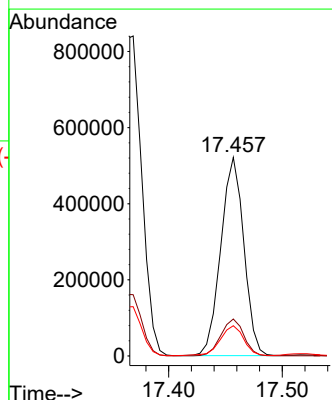
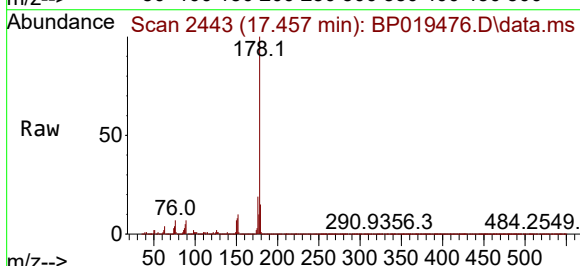
Tgt Ion:178 Resp: 735325

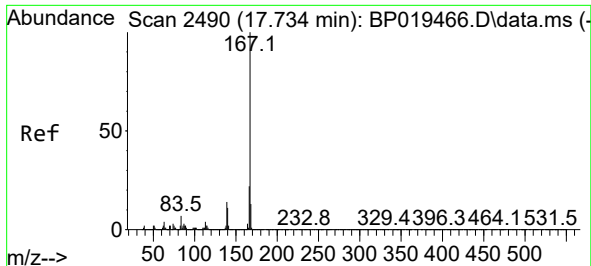
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.2 12.2 18.2

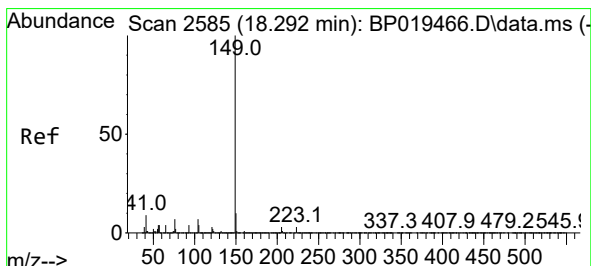
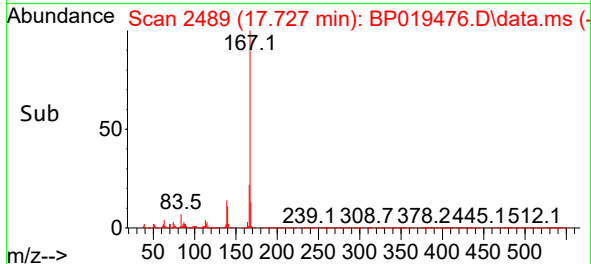
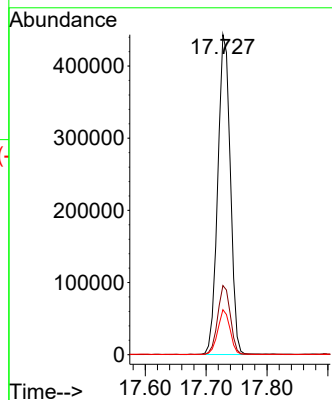
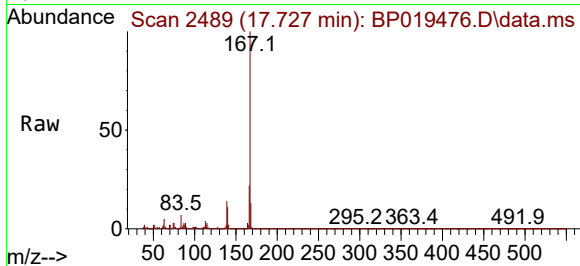




#73
 Carbazole
 Concen: 49.537 ng
 RT: 17.727 min Scan# 2490
 Delta R.T. -0.006 min
 Lab File: BP019476.D
 Acq: 29 Jan 2024 21:01

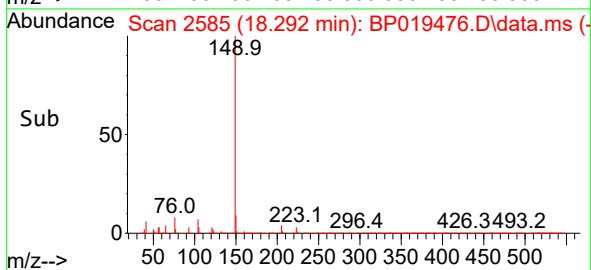
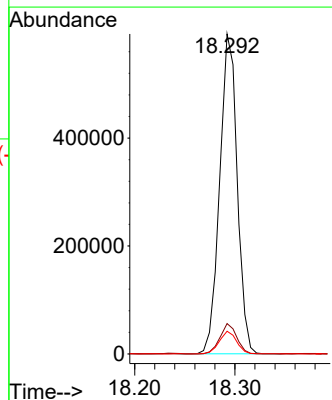
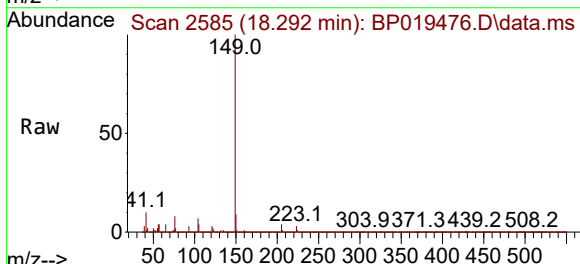
Instrument :
 BNA_P
 ClientSampleId :
 SU-03-01252024MS

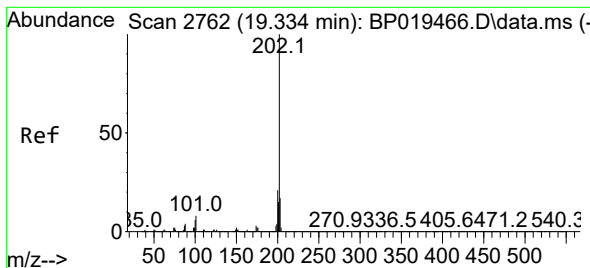
Tgt Ion:167 Resp: 634134
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 14.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.603 ng
 RT: 18.292 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BP019476.D
 Acq: 29 Jan 2024 21:01

Tgt Ion:149 Resp: 717838
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 7.1 5.2 7.8





#75

Fluoranthene

Concen: 72.469 ng

RT: 19.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

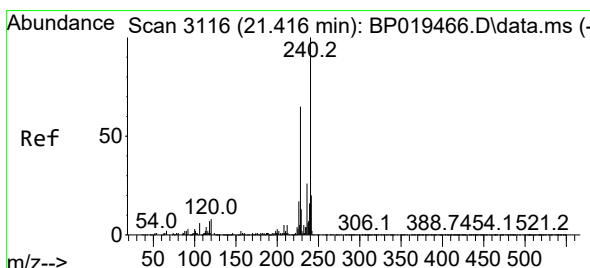
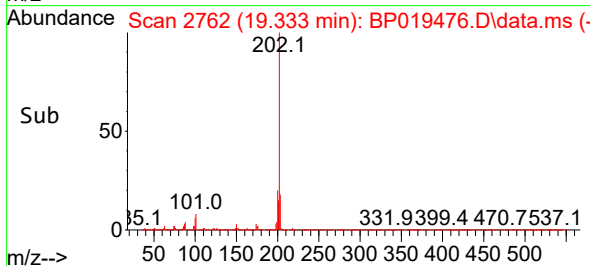
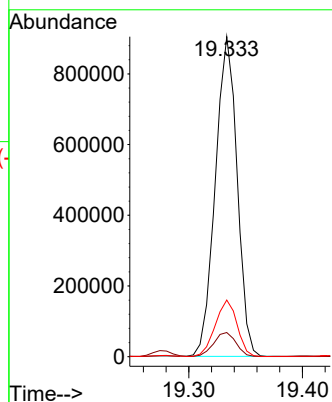
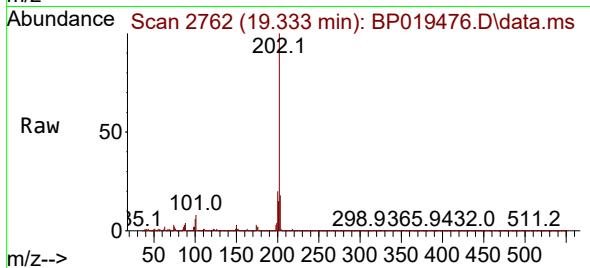
Tgt Ion:202 Resp: 1205661

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.9

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

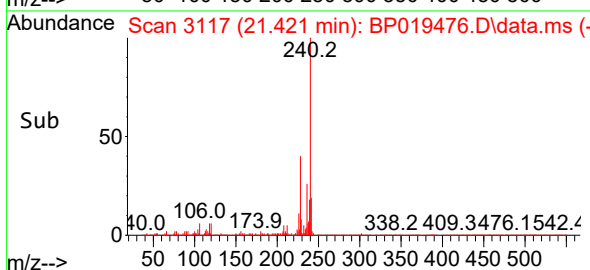
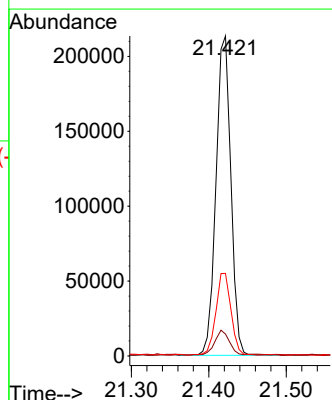
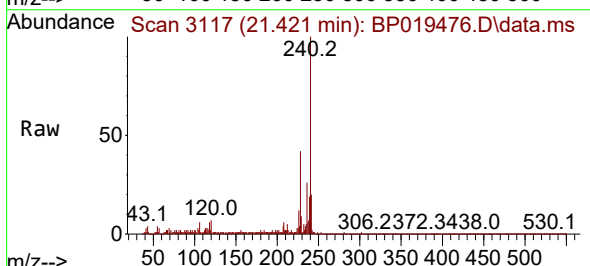
Tgt Ion:240 Resp: 284867

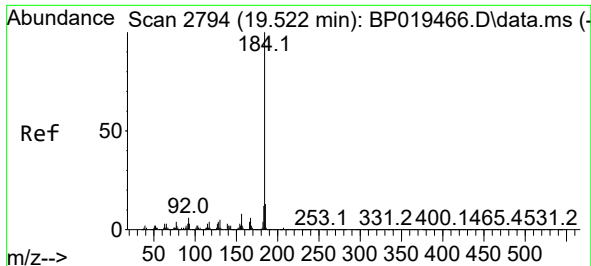
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.8 20.6 31.0

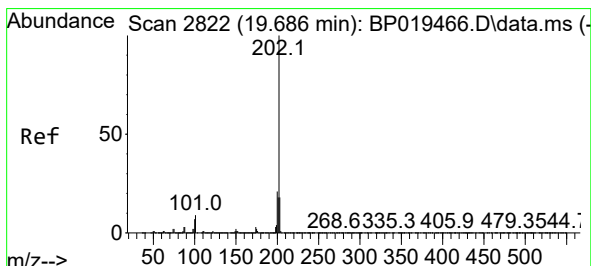
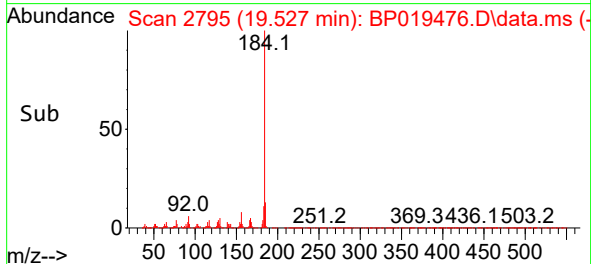
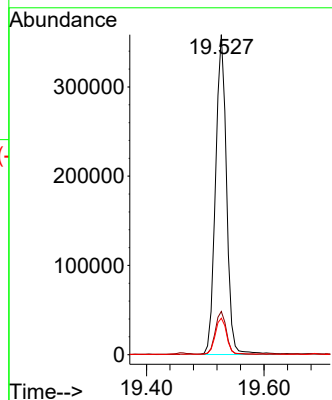
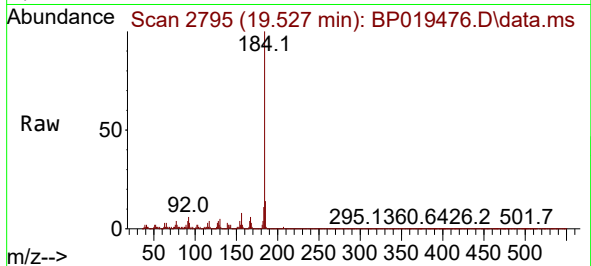




#77
Benzidine
Concen: 61.256 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

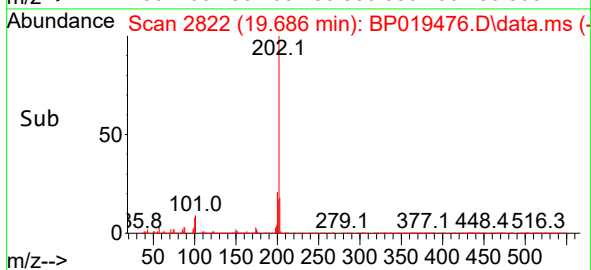
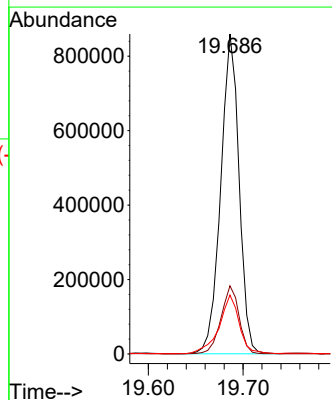
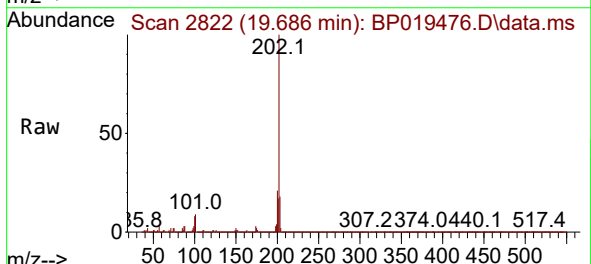
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

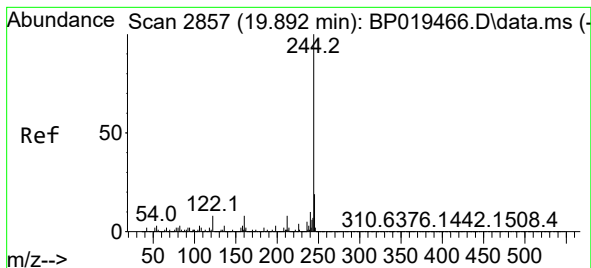
Tgt Ion:184 Resp: 464699
Ion Ratio Lower Upper
184 100
185 13.5 10.3 15.5
183 11.4 9.8 14.6



#78
Pyrene
Concen: 48.638 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:202 Resp: 1156149
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.4 14.2 21.2





#79

Terphenyl-d14

Concen: 46.884 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

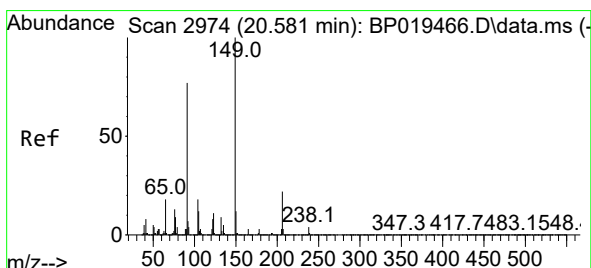
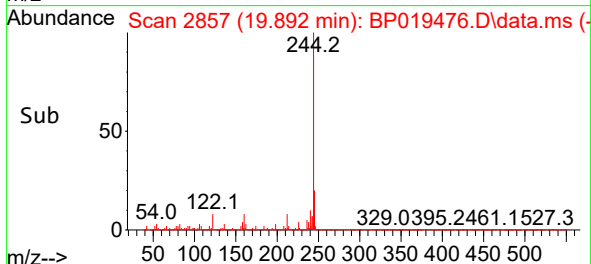
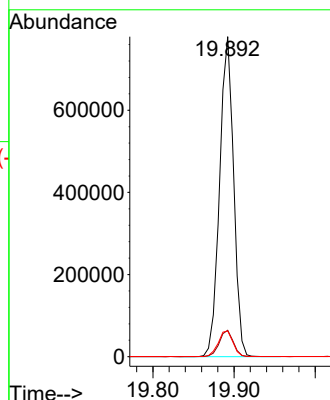
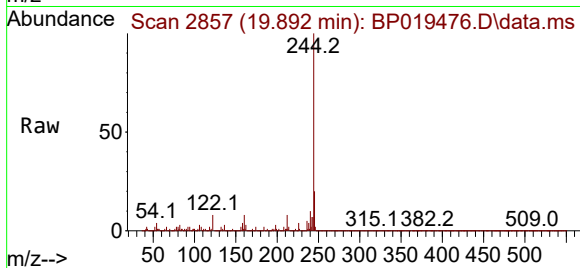
Tgt Ion:244 Resp: 937435

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

122 8.1 6.5 9.7



#80

Butylbenzylphthalate

Concen: 40.656 ng

RT: 20.580 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

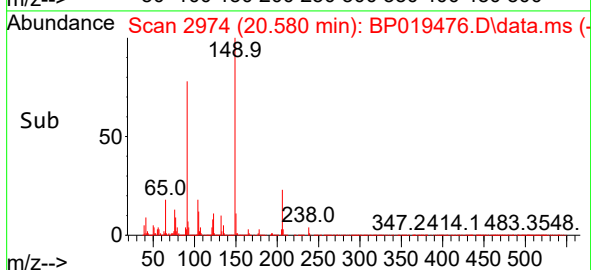
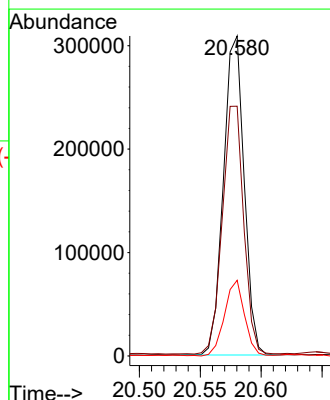
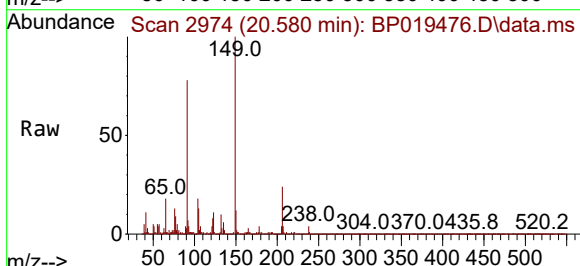
Tgt Ion:149 Resp: 365637

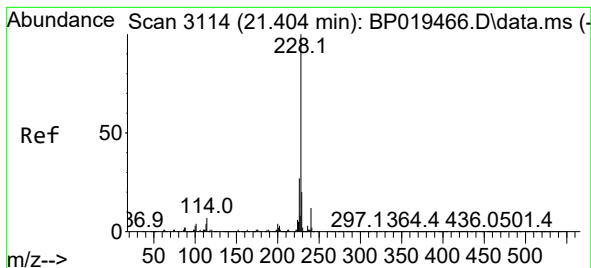
Ion Ratio Lower Upper

149 100

91 78.0 62.0 93.0

206 23.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 50.931 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

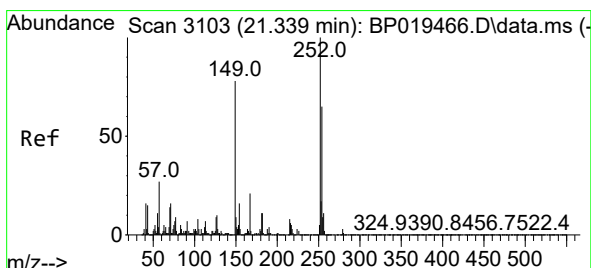
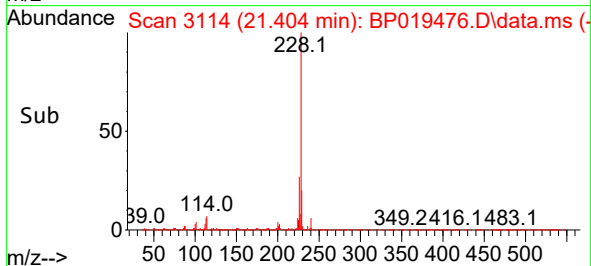
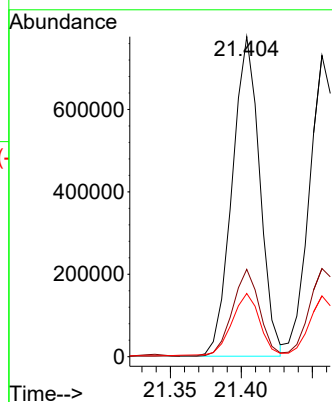
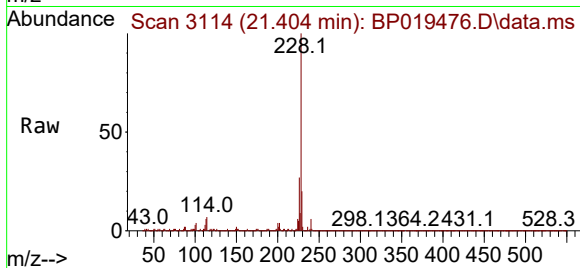
Tgt Ion:228 Resp: 1045677

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.721 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

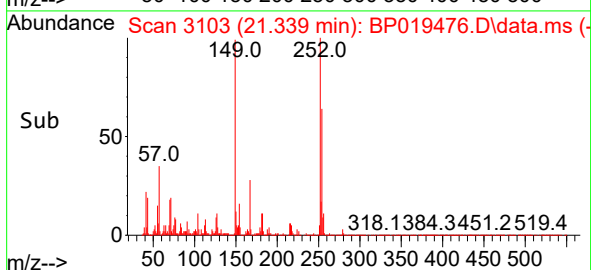
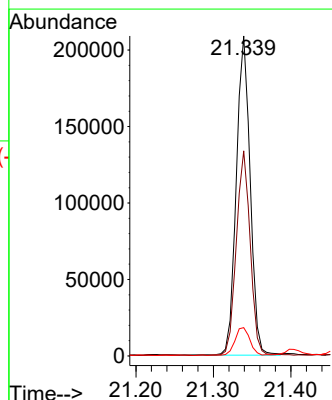
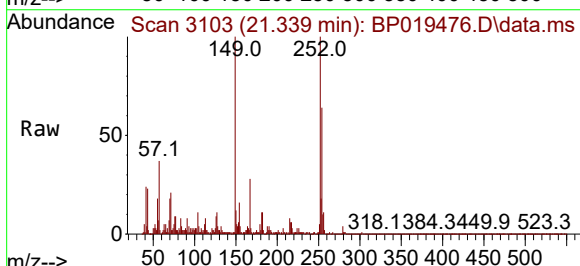
Tgt Ion:252 Resp: 260372

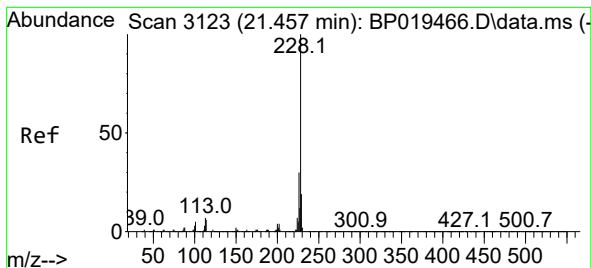
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 8.8 7.4 11.2





#83

Chrysene

Concen: 50.537 ng

RT: 21.457 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

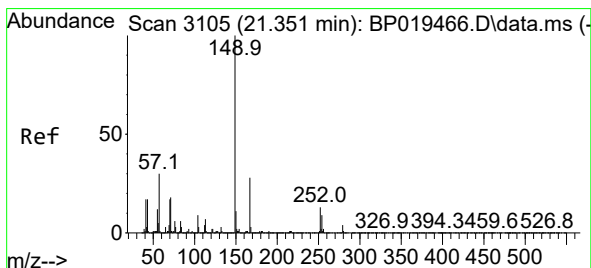
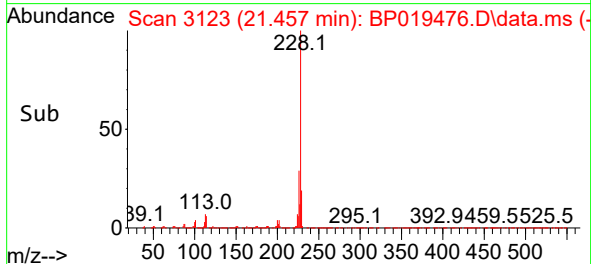
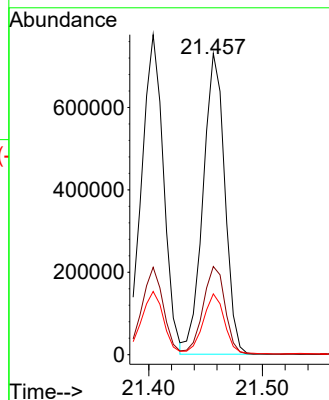
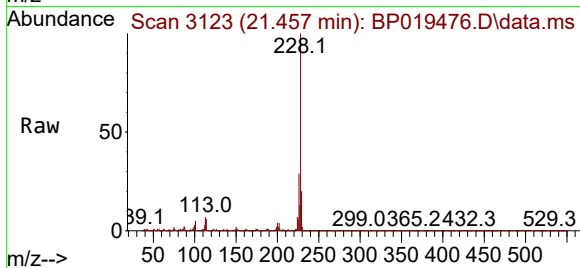
Tgt Ion:228 Resp: 967846

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 20.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.477 ng

RT: 21.351 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

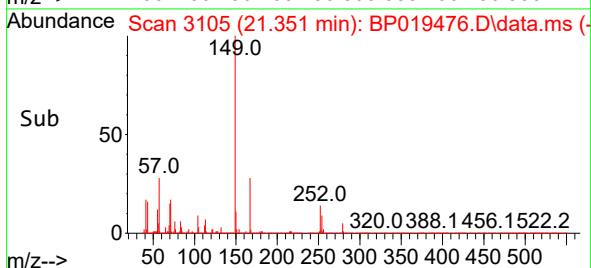
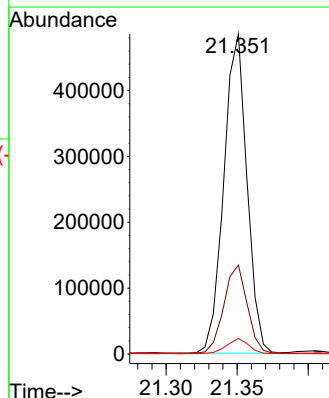
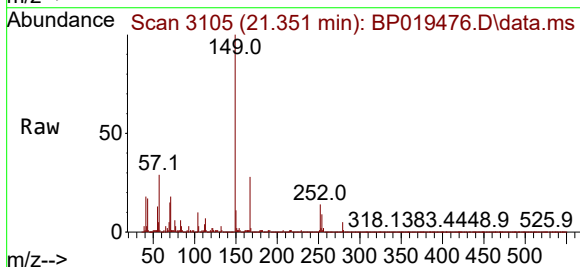
Tgt Ion:149 Resp: 547879

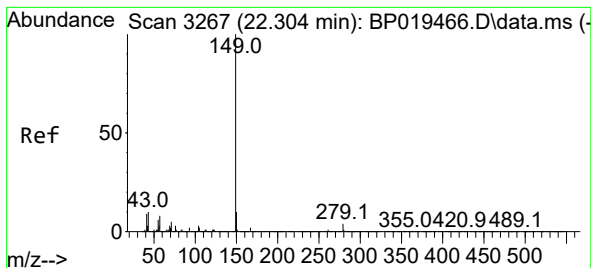
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.440 ng

RT: 22.304 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

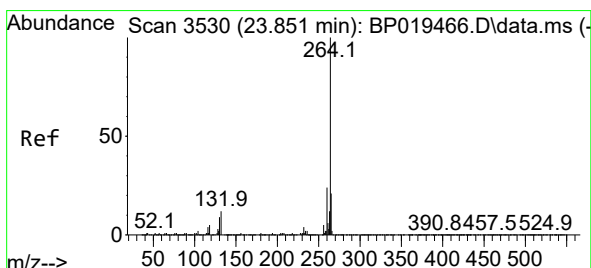
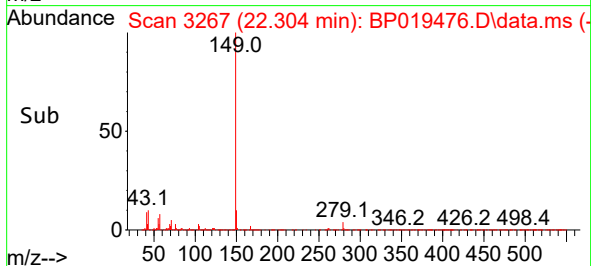
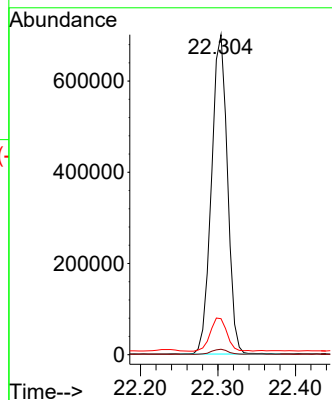
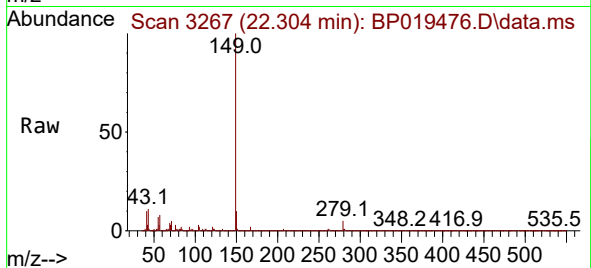
Tgt Ion:149 Resp: 1003827

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.000 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

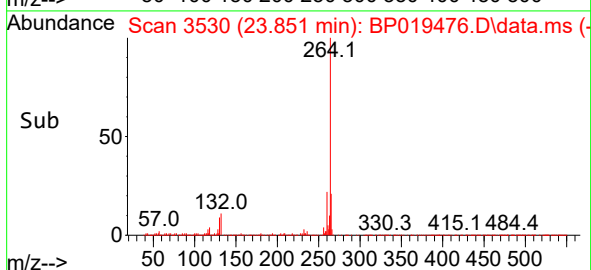
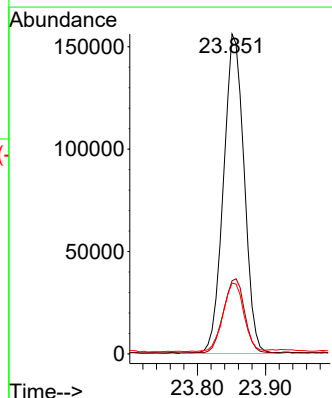
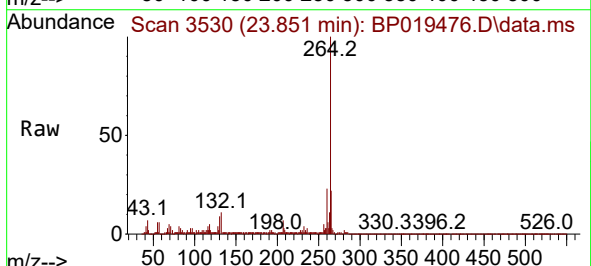
Tgt Ion:264 Resp: 328713

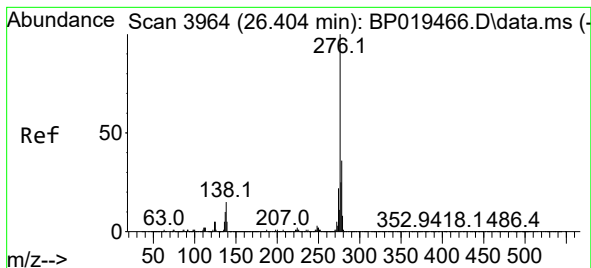
Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.978 ng

RT: 26.415 min Scan# 3966

Delta R.T. 0.012 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

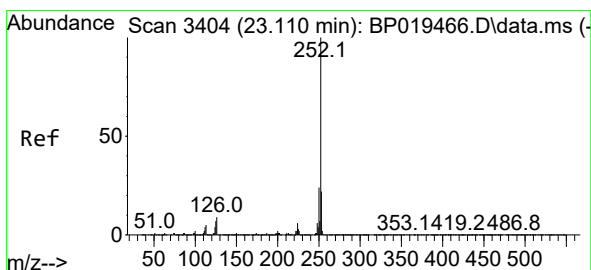
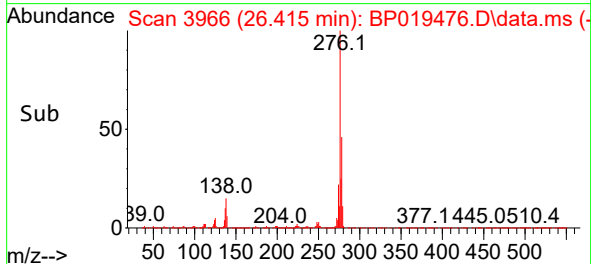
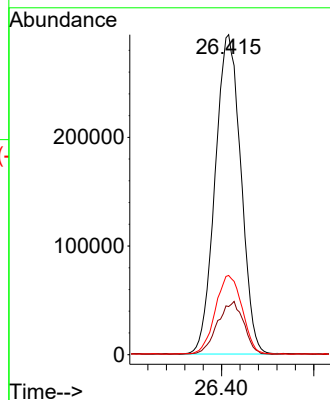
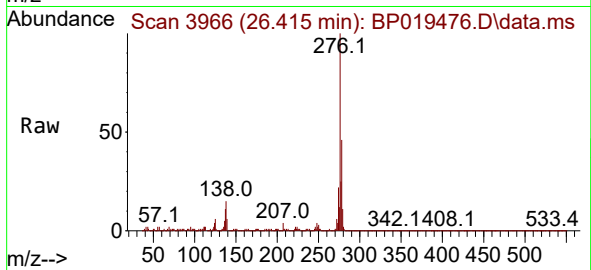
Tgt Ion:276 Resp: 1138815

Ion Ratio Lower Upper

276 100

138 16.9 14.2 21.4

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 46.108 ng

RT: 23.115 min Scan# 3405

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

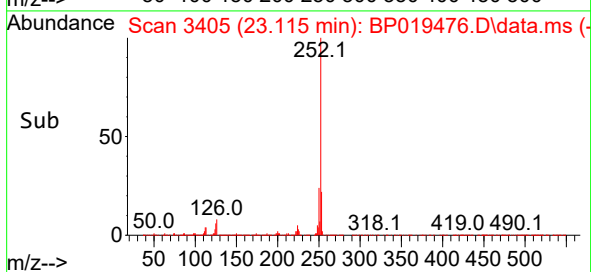
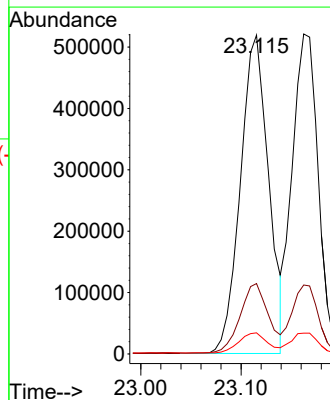
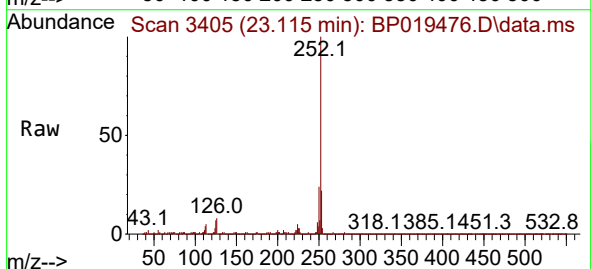
Tgt Ion:252 Resp: 1013439

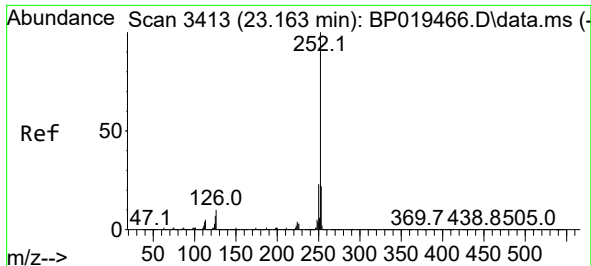
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 6.6 5.3 7.9

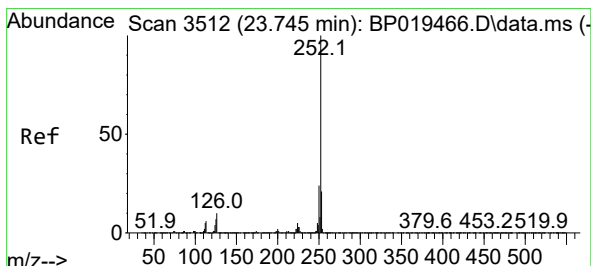
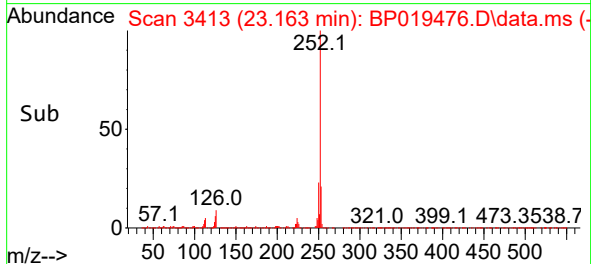
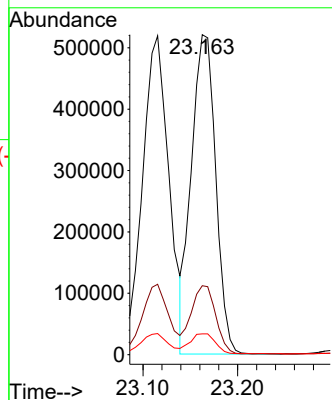
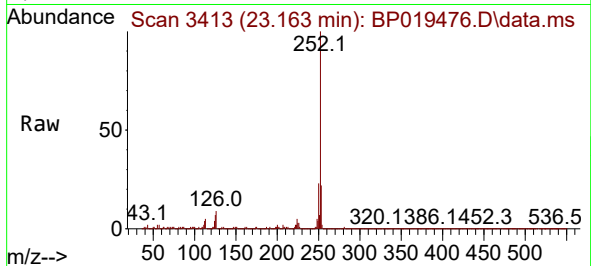




#89
Benzo(k)fluoranthene
Concen: 44.331 ng
RT: 23.163 min Scan# 3413
Delta R.T. -0.000 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

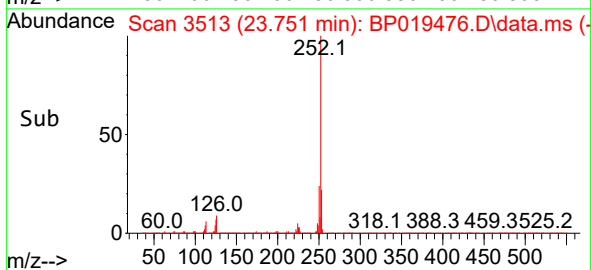
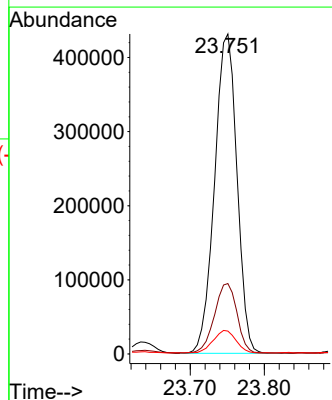
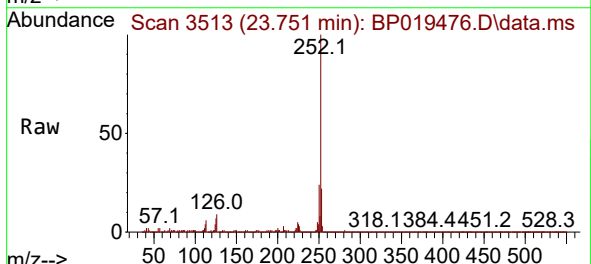
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

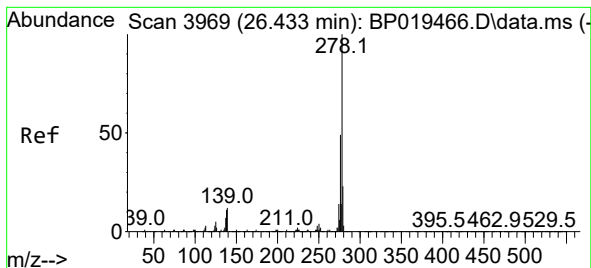
Tgt Ion:252 Resp: 928906
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 6.5 5.4 8.2



#90
Benzo(a)pyrene
Concen: 48.136 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BP019476.D
Acq: 29 Jan 2024 21:01

Tgt Ion:252 Resp: 903488
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 7.2 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 50.742 ng

RT: 26.439 min Scan# 3969

Delta R.T. 0.006 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MS

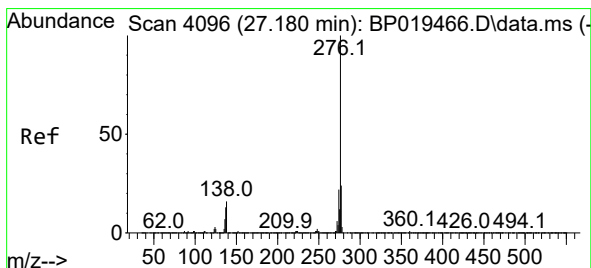
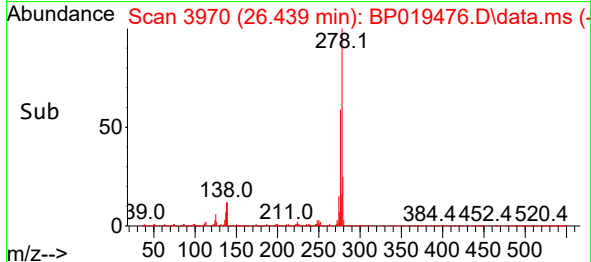
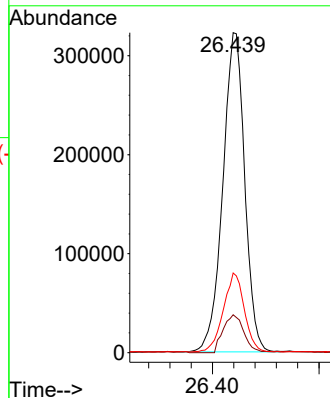
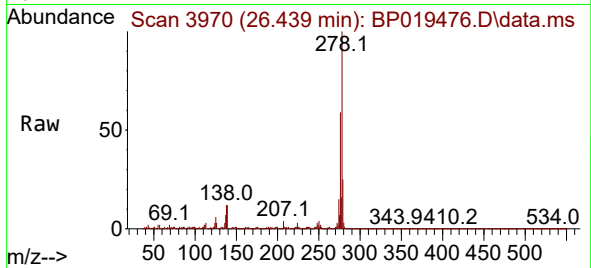
Tgt Ion:278 Resp: 920276

Ion Ratio Lower Upper

278 100

139 11.8 9.4 14.0

279 24.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 49.628 ng

RT: 27.198 min Scan# 4099

Delta R.T. 0.017 min

Lab File: BP019476.D

Acq: 29 Jan 2024 21:01

Tgt Ion:276 Resp: 895994

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 14.5 13.1 19.7

