

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019477.D
 Acq On : 29 Jan 2024 21:35
 Operator : MA/JU
 Sample : 01260-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-01252024MSD

Quant Time: Jan 30 01:23:39 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	64590	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	230891	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	126189	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	265819	20.000	ng	0.00
76) Chrysene-d12	21.421	240	281677	20.000	ng	0.00
86) Perylene-d12	23.857	264	325162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	422128	103.993	ng	0.00
7) Phenol-d6	7.105	99	548366	92.538	ng	0.00
23) Nitrobenzene-d5	9.104	82	384786	68.574	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	167444	96.850	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	682695	69.659	ng	0.00
79) Terphenyl-d14	19.892	244	999077	50.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	62500	41.012	ng	99
3) Pyridine	3.799	79	164116	36.542	ng	98
4) n-Nitrosodimethylamine	3.722	42	118142	47.813	ng	98
6) Aniline	7.269	93	164684	27.656	ng	97
8) 2-Chlorophenol	7.499	128	203365	46.804	ng	99
9) Benzaldehyde	7.075	77	110667	35.041	ng	97
10) Phenol	7.134	94	267554	45.682	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	197248	43.786	ng	98
12) 1,3-Dichlorobenzene	7.816	146	230293	45.144	ng	98
13) 1,4-Dichlorobenzene	7.969	146	234621	45.200	ng	98
14) 1,2-Dichlorobenzene	8.281	146	224279	44.808	ng	99
15) Benzyl Alcohol	8.181	79	227876	43.930	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	258439	42.297	ng	98
17) 2-Methylphenol	8.381	107	177260	43.786	ng	99
18) Hexachloroethane	9.004	117	92568	44.465	ng	99
19) n-Nitroso-di-n-propyla...	8.752	70	176232	39.397	ng	100
20) 3+4-Methylphenols	8.710	107	234112	41.566	ng	97
22) Acetophenone	8.763	105	340403	49.169	ng	99
24) Nitrobenzene	9.146	77	262858	46.018	ng	99
25) Isophorone	9.669	82	457314	43.324	ng	99
26) 2-Nitrophenol	9.851	139	103119	51.639	ng	97
27) 2,4-Dimethylphenol	9.916	122	149679	54.579	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	250642	44.818	ng	99
29) 2,4-Dichlorophenol	10.387	162	191125	48.425	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	217653	47.444	ng	100
31) Naphthalene	10.787	128	666233	51.716	ng	99
32) Benzoic acid	10.063	122	120167	43.184	ng	96
33) 4-Chloroaniline	10.904	127	96265	18.966	ng	97
34) Hexachlorobutadiene	11.057	225	156073	46.936	ng	99
35) Caprolactam	11.693	113	57376	40.925	ng	95
36) 4-Chloro-3-methylphenol	12.028	107	208654	41.607	ng	97
37) 2-Methylnaphthalene	12.392	142	455897	49.373	ng	98
38) 1-Methylnaphthalene	12.610	142	416228	45.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	236263	54.768	ng	98
41) Hexachlorocyclopentadiene	12.728	237	104856	53.869	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	144843	52.270	ng	98

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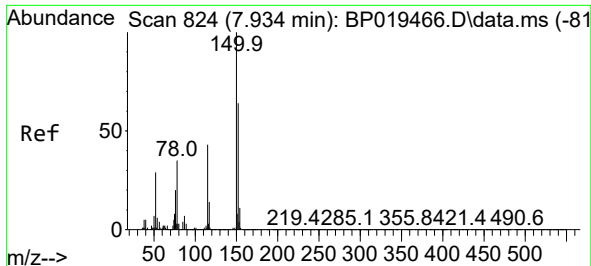
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	154605	49.670	ng	98
46) 1,1'-Biphenyl	13.404	154	524067	53.768	ng	99
47) 2-Chloronaphthalene	13.445	162	395665	49.970	ng	100
48) 2-Nitroaniline	13.657	65	138751	50.328	ng	98
49) Acenaphthylene	14.292	152	628272	53.599	ng	99
50) Dimethylphthalate	14.039	163	485065	46.974	ng	98
51) 2,6-Dinitrotoluene	14.157	165	102654	45.686	ng	98
52) Acenaphthene	14.634	154	459102	63.215	ng	99
53) 3-Nitroaniline	14.481	138	73589	34.406	ng	98
54) 2,4-Dinitrophenol	14.692	184	52001	42.718	ng	95
55) Dibenzofuran	14.969	168	712823	59.871	ng	99
56) 4-Nitrophenol	14.792	139	172480	98.726	ng	97
57) 2,4-Dinitrotoluene	14.939	165	140156	45.628	ng	97
58) Fluorene	15.616	166	617336	62.668	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	131731	48.799	ng	93
60) Diethylphthalate	15.404	149	476189	44.126	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	240681	45.111	ng	100
62) 4-Nitroaniline	15.645	138	92650	40.488	ng	98
63) Azobenzene	15.910	77	492402	45.306	ng	95
65) 4,6-Dinitro-2-methylph...	15.698	198	35277	22.624	ng	93
66) n-Nitrosodiphenylamine	15.833	169	388122	48.841	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	143979	47.203	ng	99
68) Hexachlorobenzene	16.616	284	161371	46.469	ng	98
69) Atrazine	16.798	200	147083	51.565	ng	97
70) Pentachlorophenol	16.969	266	226929	99.676	ng	97
71) Phenanthrene	17.369	178	1381945	97.640	ng	99
72) Anthracene	17.457	178	795647	56.307	ng	99
73) Carbazole	17.733	167	683493	51.844	ng	99
74) Di-n-butylphthalate	18.292	149	773320	46.657	ng	99
75) Fluoranthene	19.333	202	1289791	75.277	ng	99
77) Benzidine	19.527	184	498242	64.063	ng	98
78) Pyrene	19.686	202	1237751	52.660	ng	99
80) Butylbenzylphthalate	20.580	149	391106	43.980	ng	99
81) Benzo(a)anthracene	21.404	228	1108242	54.590	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	288150	42.218	ng	99
83) Chrysene	21.457	228	1017027	53.707	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	585772	47.010	ng	98
85) Di-n-octyl phthalate	22.304	149	1061333	53.934	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	1195196	55.147	ng	99
88) Benzo(b)fluoranthene	23.121	252	1098309	50.515	ng	99
89) Benzo(k)fluoranthene	23.168	252	964163	46.517	ng	99
90) Benzo(a)pyrene	23.757	252	960018	51.706	ng	98
91) Dibenzo(a,h)anthracene	26.456	278	974117	54.297	ng	99
92) Benzo(g,h,i)perylene	27.203	276	936946	52.463	ng	97

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

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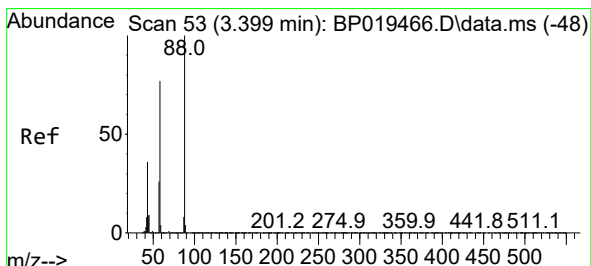
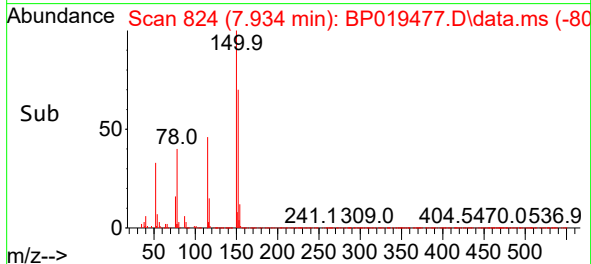
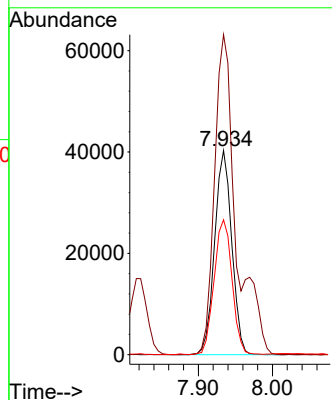
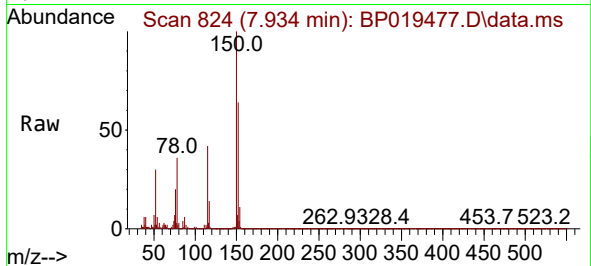




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

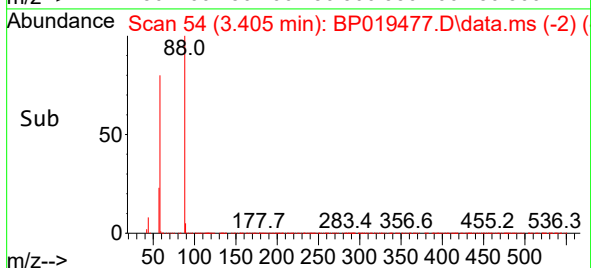
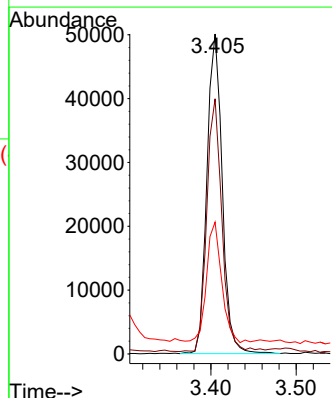
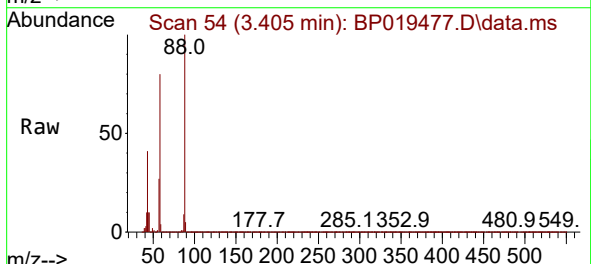
Instrument :
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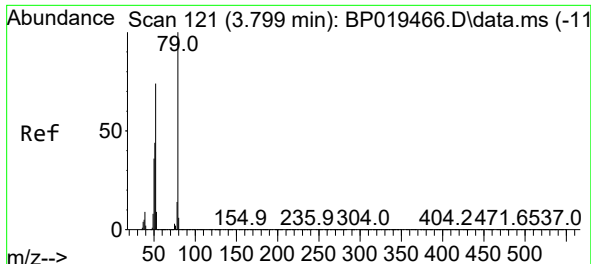
Tgt Ion:152 Resp: 64590
Ion Ratio Lower Upper
152 100
150 156.7 125.4 188.2
115 66.1 53.7 80.5



#2
1,4-Dioxane
Concen: 41.012 ng
RT: 3.405 min Scan# 54
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 88 Resp: 62500
Ion Ratio Lower Upper
88 100
58 78.4 61.6 92.4
43 36.5 29.0 43.6

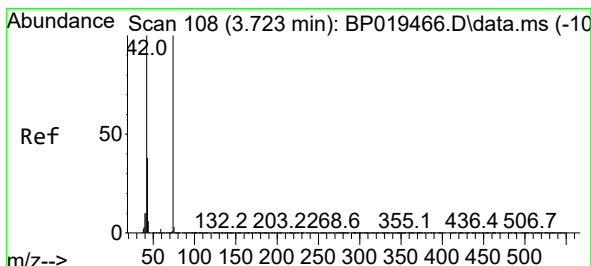
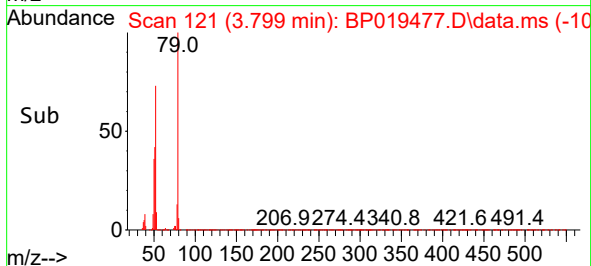
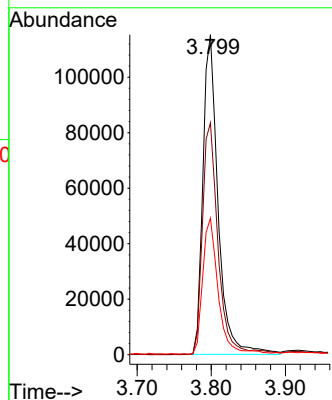
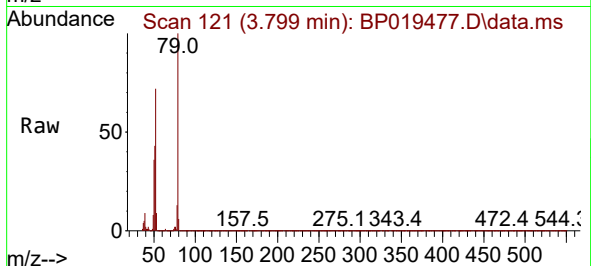




#3
 Pyridine
 Concen: 36.542 ng
 RT: 3.799 min Scan# 121
 Delta R.T. -0.000 min
 Lab File: BP019477.D
 Acq: 29 Jan 2024 21:35

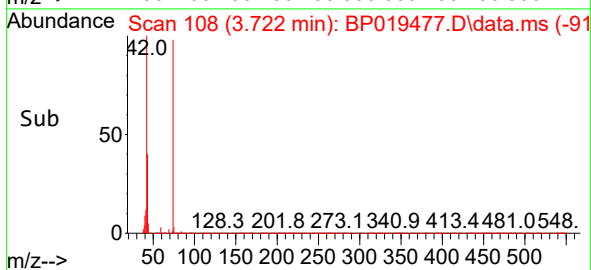
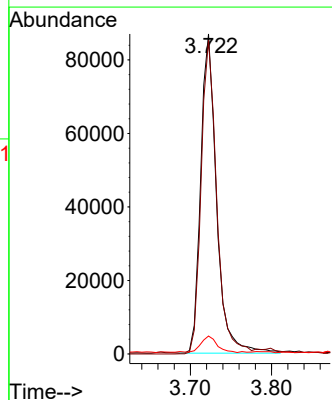
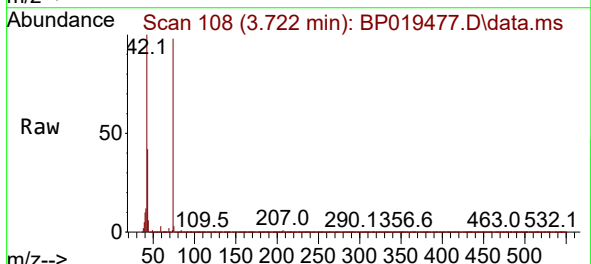
Instrument :
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 ClientSampleId :
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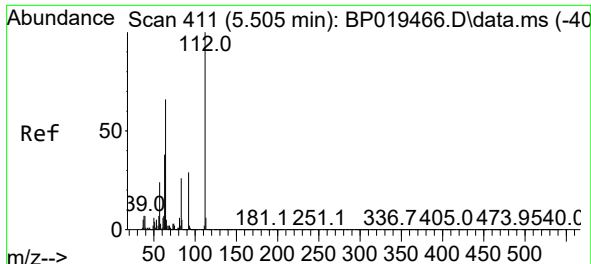
Tgt Ion: 79 Resp: 164116
 Ion Ratio Lower Upper
 79 100
 52 72.5 59.0 88.4
 51 42.6 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 47.813 ng
 RT: 3.722 min Scan# 108
 Delta R.T. -0.000 min
 Lab File: BP019477.D
 Acq: 29 Jan 2024 21:35

Tgt Ion: 42 Resp: 118142
 Ion Ratio Lower Upper
 42 100
 74 98.1 80.3 120.5
 44 5.6 5.3 7.9

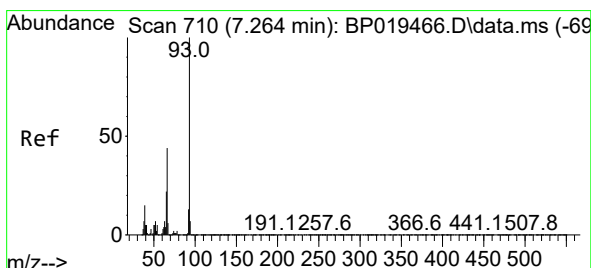
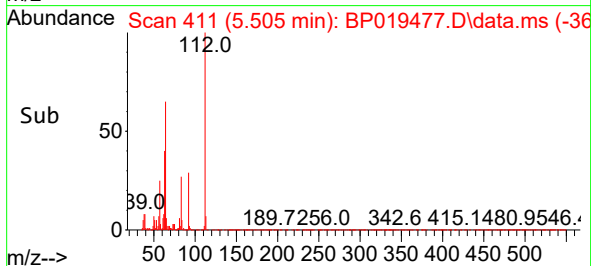
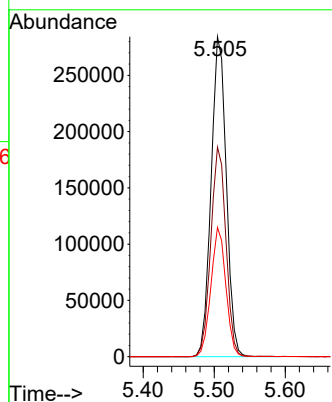
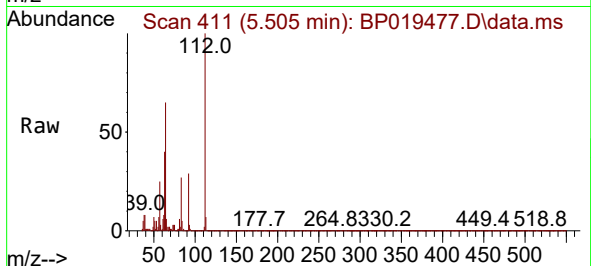




#5
2-Fluorophenol
Concen: 103.993 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

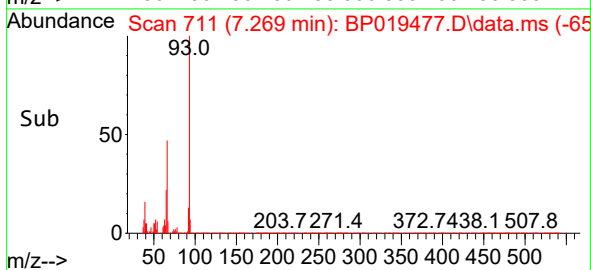
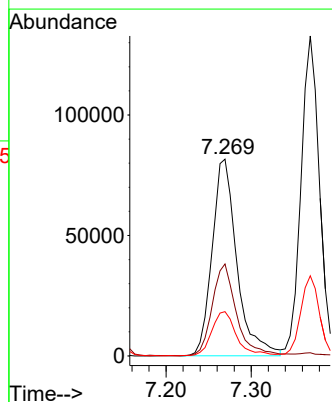
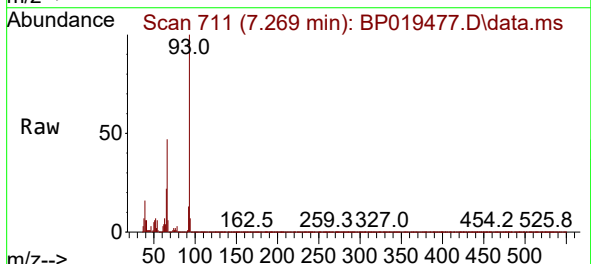
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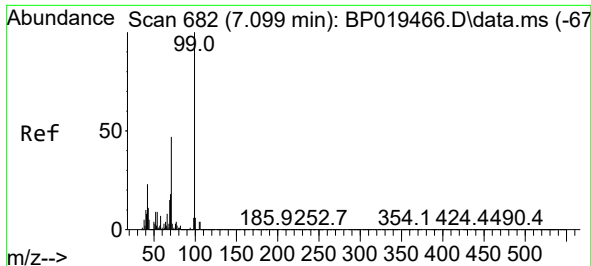
Tgt Ion:112 Resp: 422128
Ion Ratio Lower Upper
112 100
64 65.5 52.6 79.0
63 40.4 30.3 45.5



#6
Aniline
Concen: 27.656 ng
RT: 7.269 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 93 Resp: 164684
Ion Ratio Lower Upper
93 100
66 46.7 35.1 52.7
65 22.5 17.4 26.2

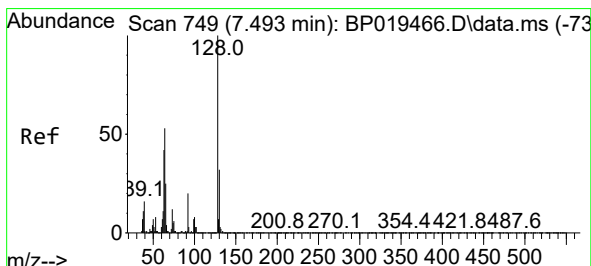
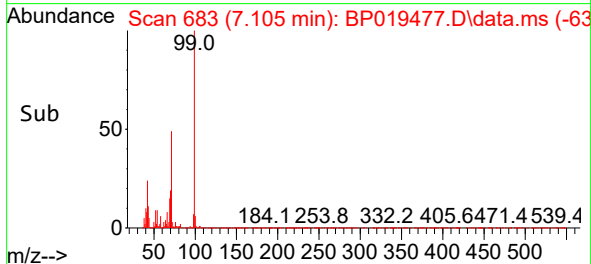
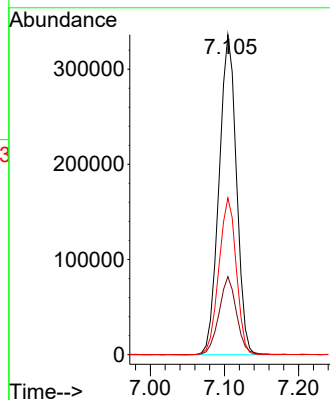
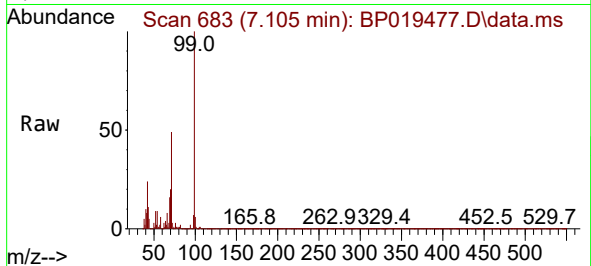




#7
Phenol-d6
Concen: 92.538 ng
RT: 7.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

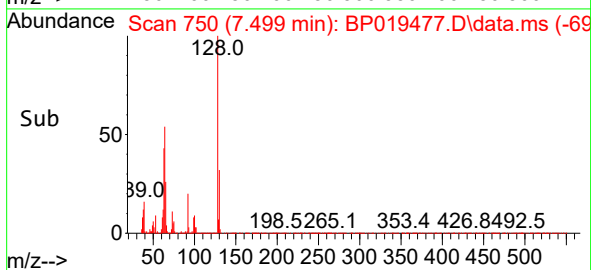
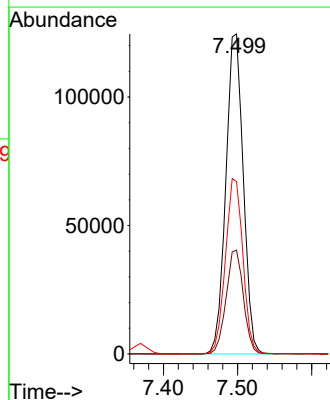
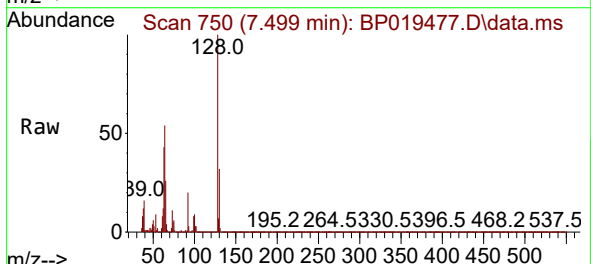
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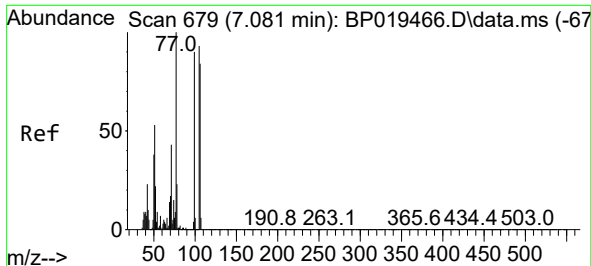
Tgt Ion: 99 Resp: 548366
Ion Ratio Lower Upper
99 100
42 24.4 18.6 28.0
71 49.0 37.8 56.6



#8
2-Chlorophenol
Concen: 46.804 ng
RT: 7.499 min Scan# 750
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:128 Resp: 203365
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 53.9 33.1 73.1

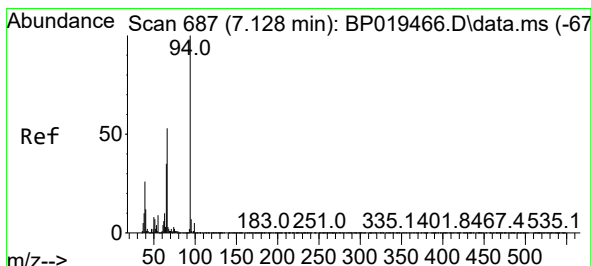
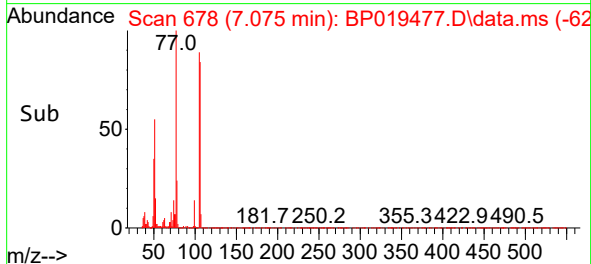
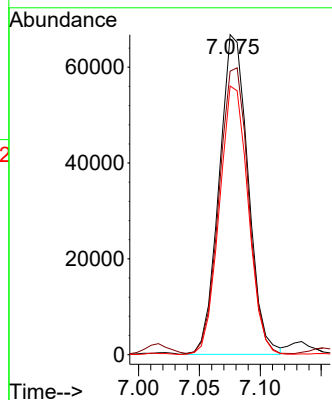
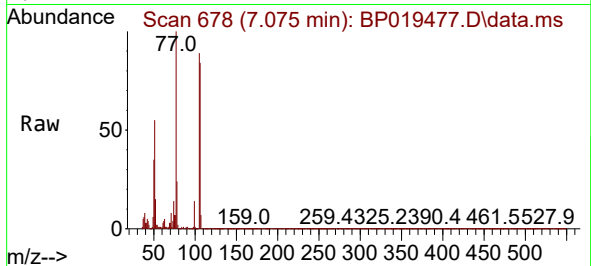




#9
Benzaldehyde
Concen: 35.041 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

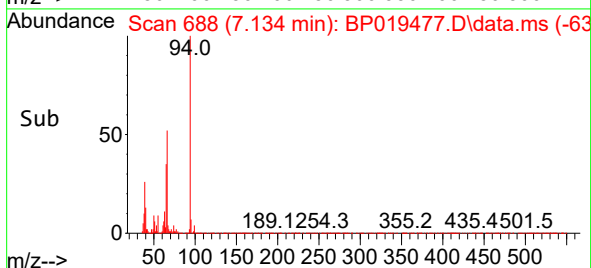
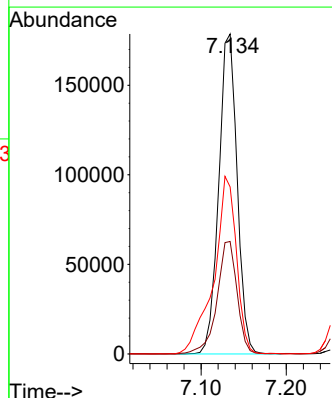
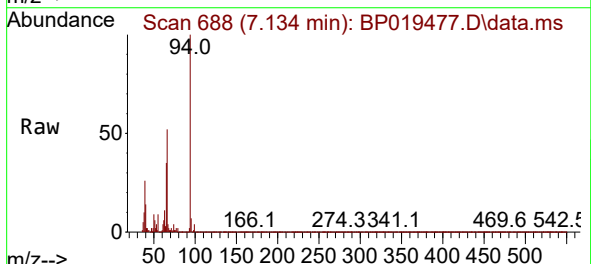
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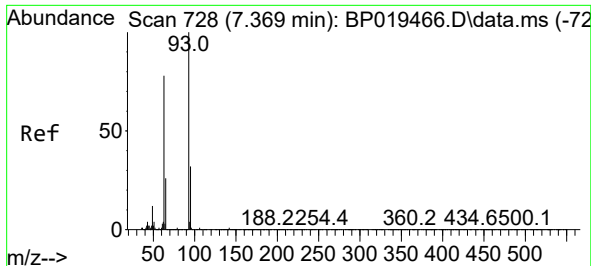
Tgt Ion:	77	Resp:	110667
Ion	Ratio	Lower	Upper
77	100		
105	88.6	72.9	112.9
106	83.9	64.4	104.4



#10
Phenol
Concen: 45.682 ng
RT: 7.134 min Scan# 688
Delta R.T. 0.006 min
Lab File: BP019477.D
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Tgt Ion:	94	Resp:	267554
Ion	Ratio	Lower	Upper
94	100		
65	35.2	14.9	54.9
66	52.2	33.0	73.0

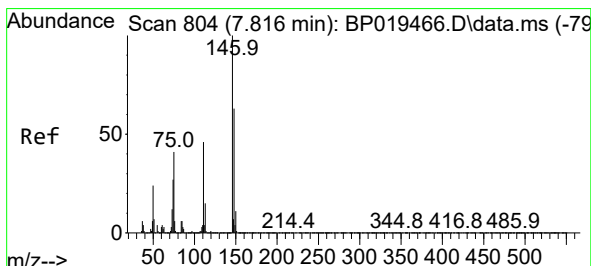
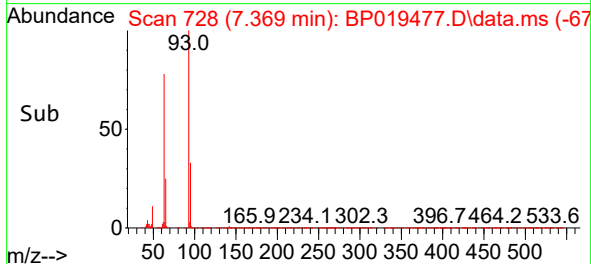
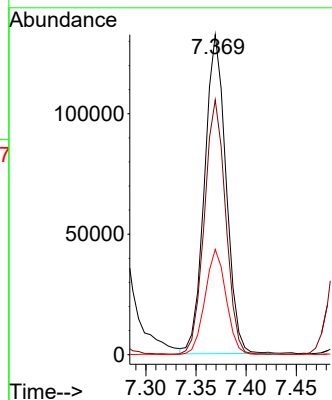
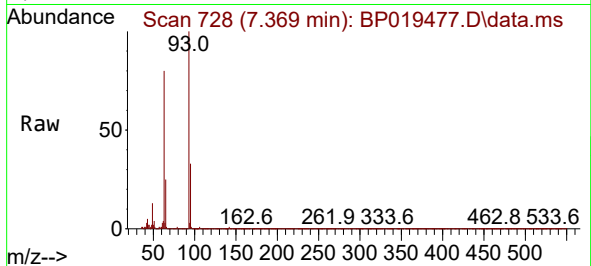




#11
bis(2-Chloroethyl)ether
Concen: 43.786 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

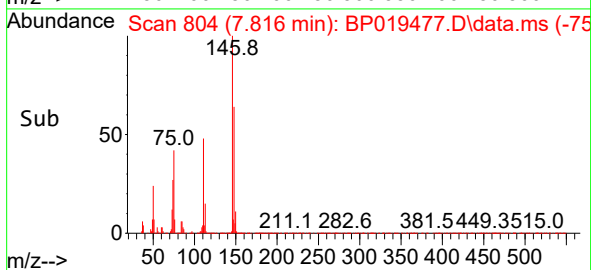
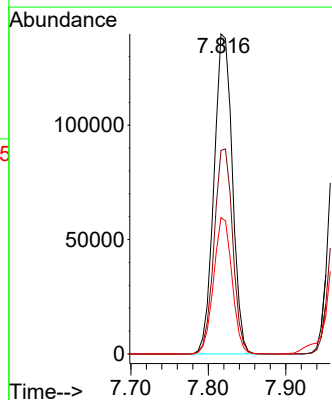
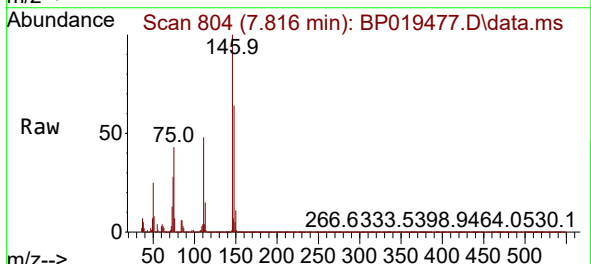
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

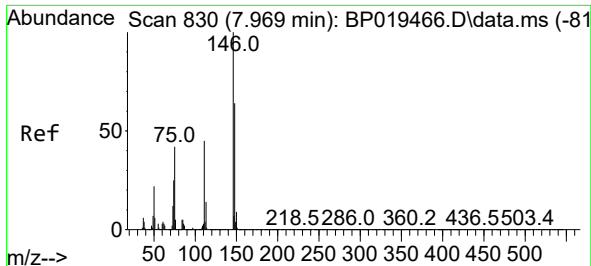
Tgt Ion: 93 Resp: 197248
Ion Ratio Lower Upper
93 100
63 79.6 58.0 98.0
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.144 ng
RT: 7.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:146 Resp: 230293
Ion Ratio Lower Upper
146 100
148 63.6 50.0 75.0
75 42.6 33.0 49.4

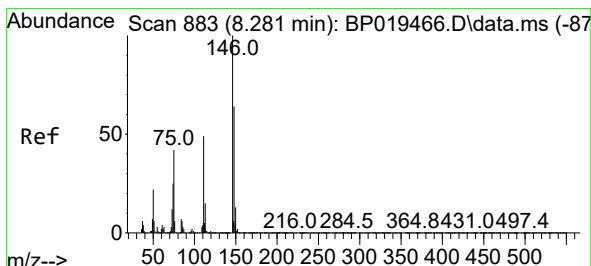
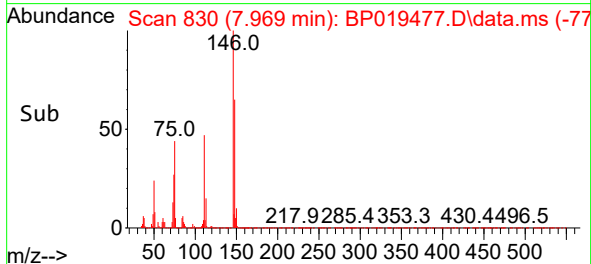
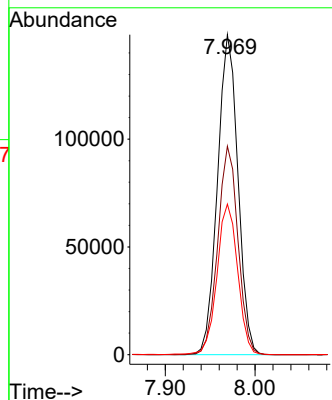
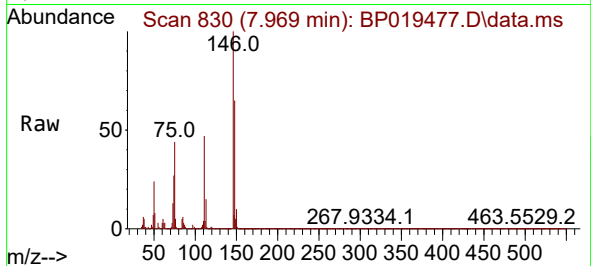




#13
1,4-Dichlorobenzene
Concen: 45.200 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

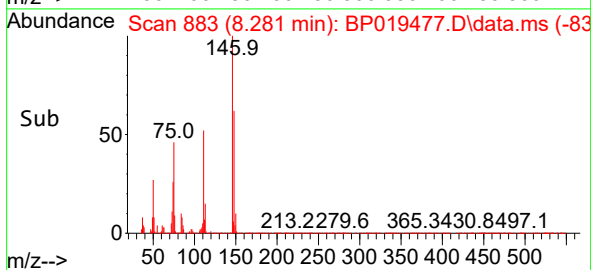
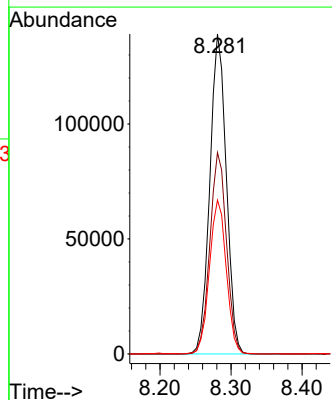
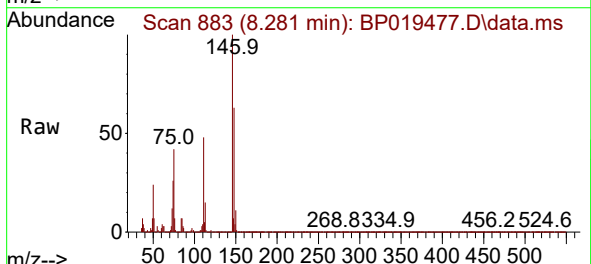
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

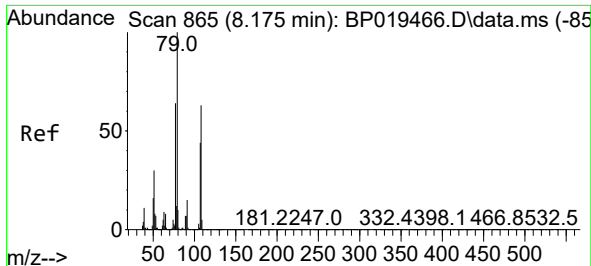
Tgt Ion:146 Resp: 234621
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
111 47.1 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 44.808 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:146 Resp: 224279
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 48.1 39.5 59.3

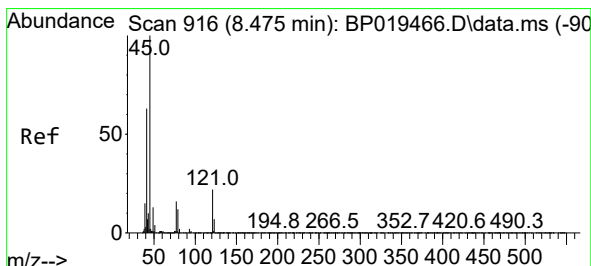
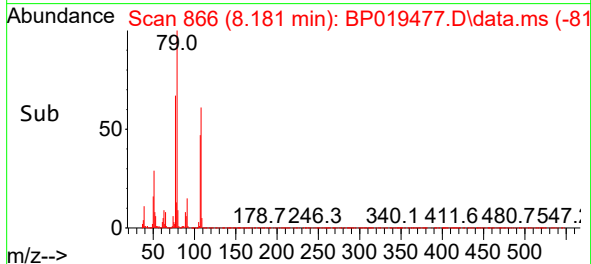
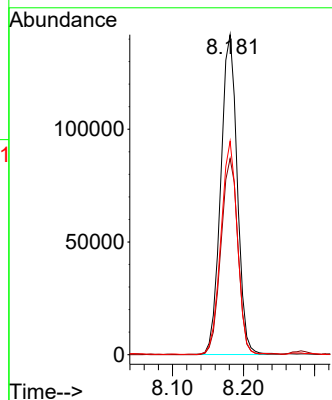
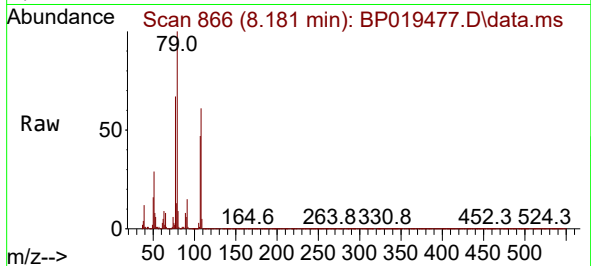




#15
Benzyl Alcohol
Concen: 43.930 ng
RT: 8.181 min Scan# 865
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

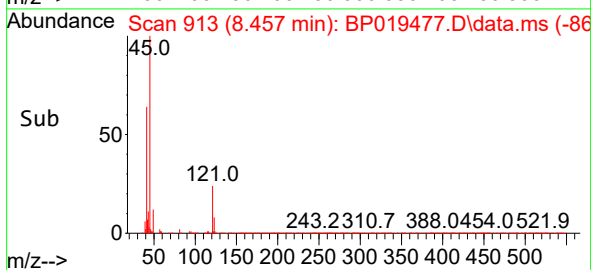
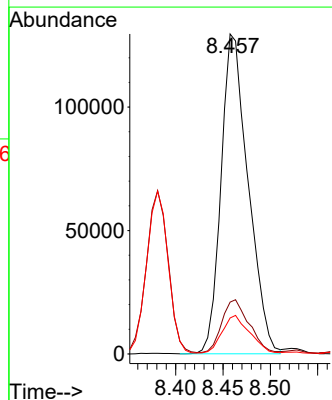
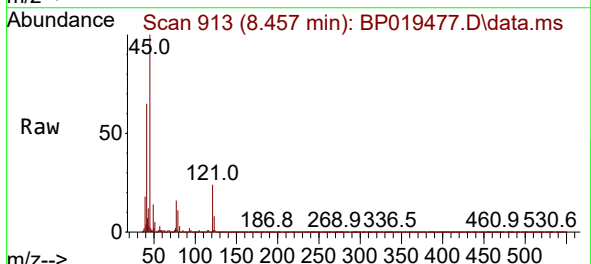
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

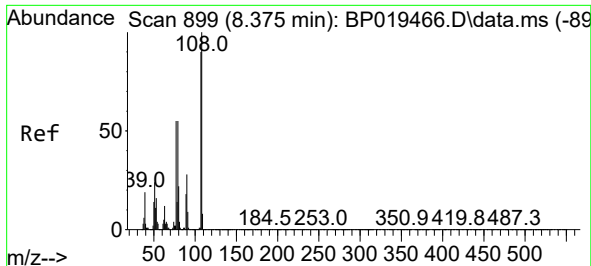
Tgt Ion: 79 Resp: 227876
Ion Ratio Lower Upper
79 100
108 61.3 50.2 75.2
77 66.7 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.297 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 45 Resp: 258439
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 11.2 0.0 32.8

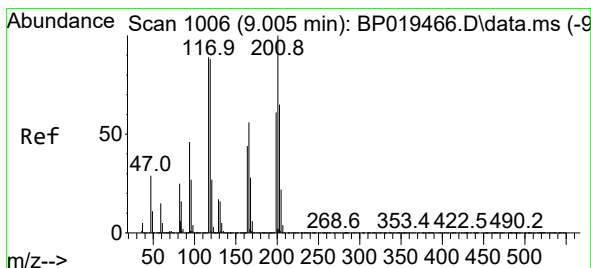
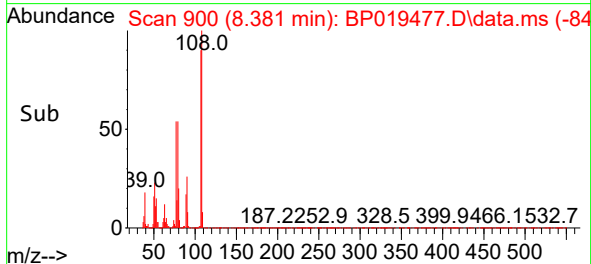
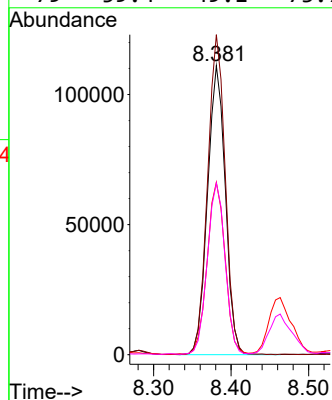
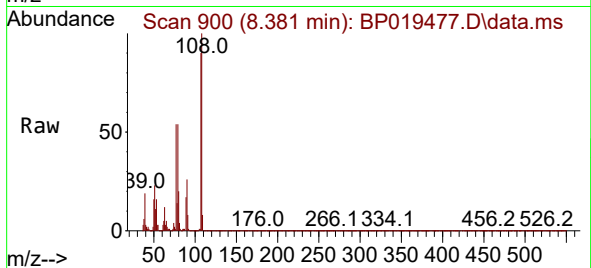




#17
2-Methylphenol
Concen: 43.786 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

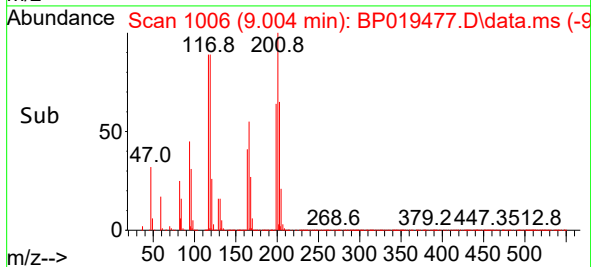
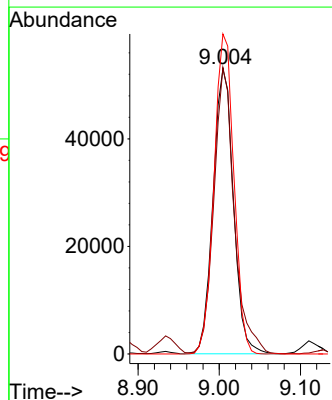
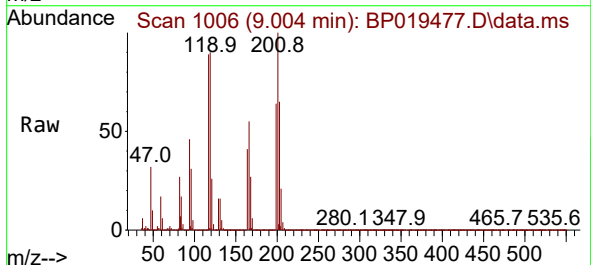
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

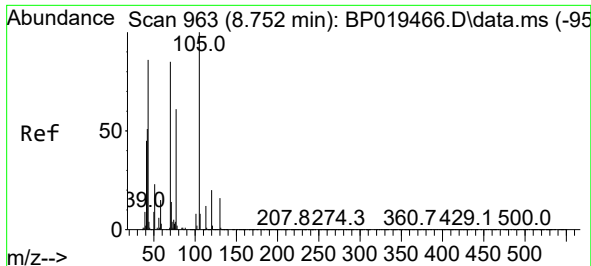
Tgt Ion:	107	Resp:	177260
Ion	Ratio	Lower	Upper
107	100		
108	110.7	89.0	133.4
77	59.6	48.7	73.1
79	59.4	49.1	73.7



#18
Hexachloroethane
Concen: 44.465 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:	117	Resp:	92568
Ion	Ratio	Lower	Upper
117	100		
119	100.4	78.8	118.2
201	112.2	89.5	134.3

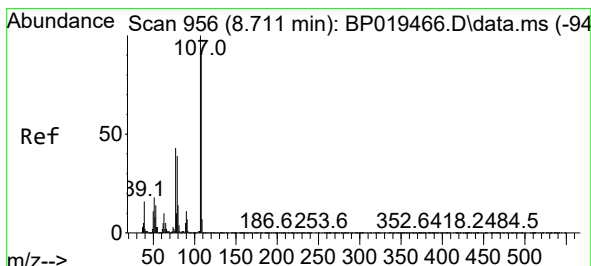
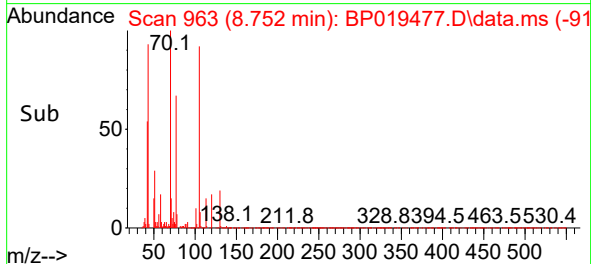
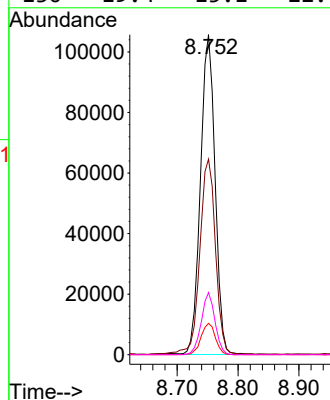
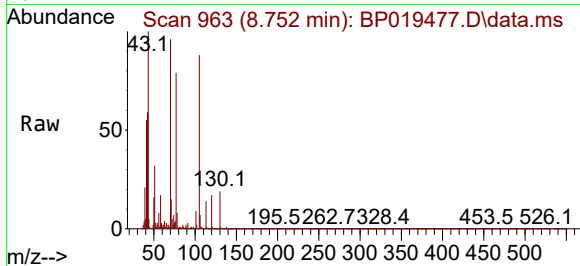




#19
n-Nitroso-di-n-propylamine
Concen: 39.397 ng
RT: 8.752 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

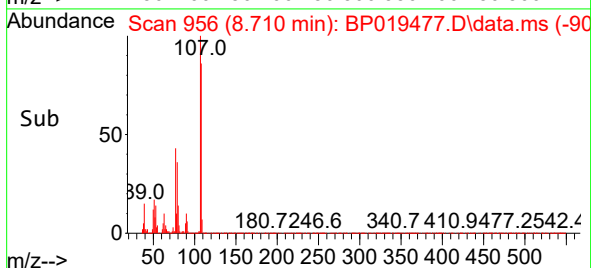
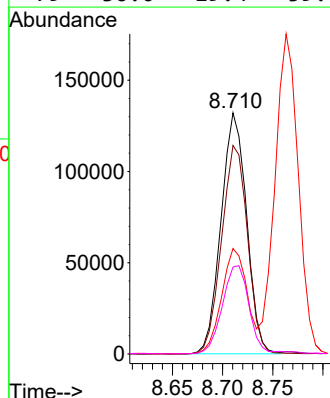
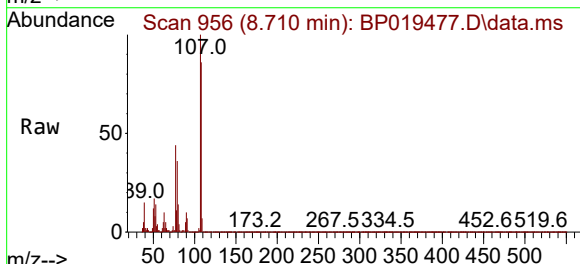
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

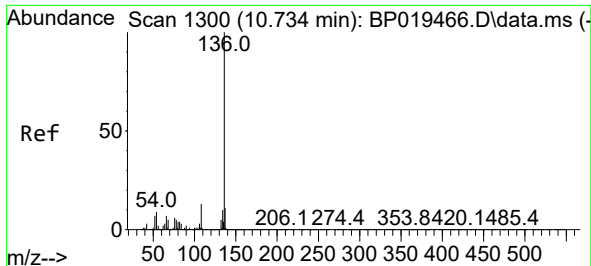
Tgt Ion:	70	Resp:	176232
Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.6	73.0
101	9.8	7.8	11.8
130	19.4	15.1	22.7



#20
3+4-Methylphenols
Concen: 41.566 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:	107	Resp:	234112
Ion	Ratio	Lower	Upper
107	100		
108	86.4	69.6	109.6
77	43.7	22.7	62.7
79	36.0	19.4	59.4

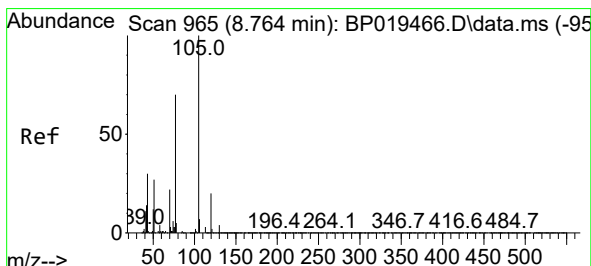
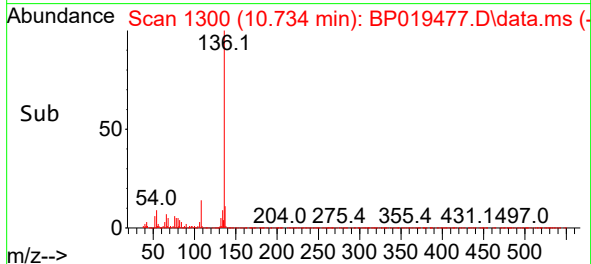
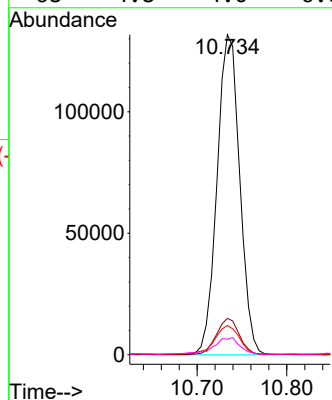
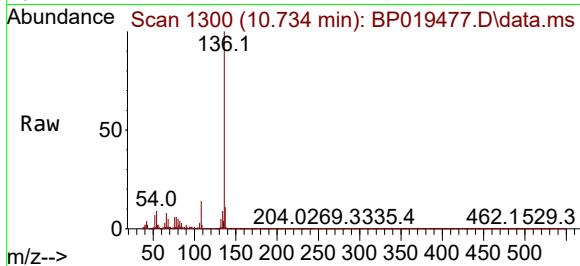




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

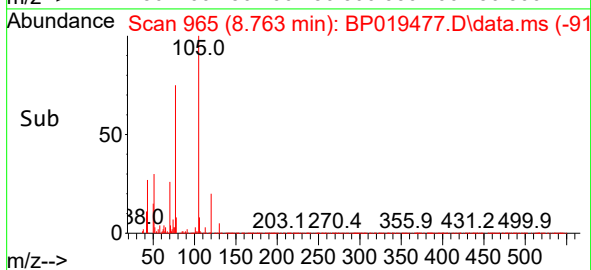
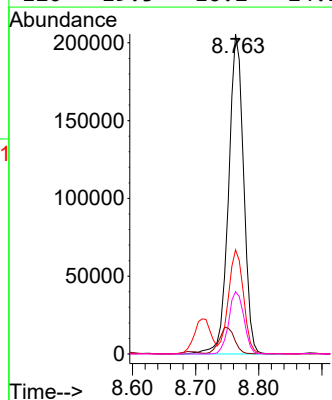
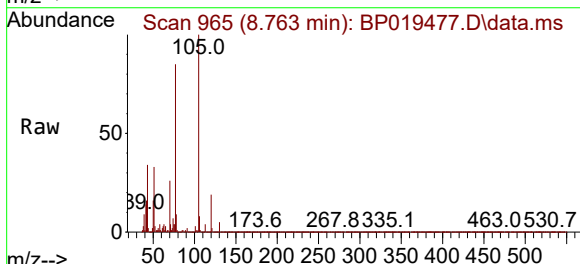
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

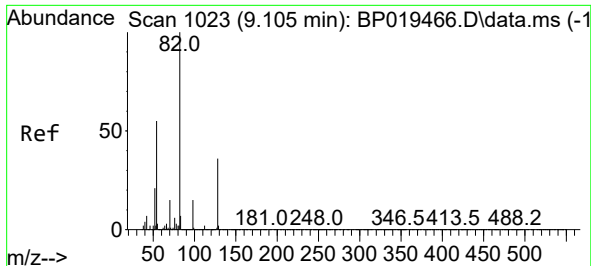
Tgt Ion:	136	Resp:	230891
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.1	7.4	11.0
68	4.8	4.0	6.0



#22
Acetophenone
Concen: 49.169 ng
RT: 8.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:	105	Resp:	340403
Ion Ratio	Lower	Upper	
105	100		
71	3.8	3.0	4.6
51	32.5	25.8	38.6
120	19.5	16.2	24.2

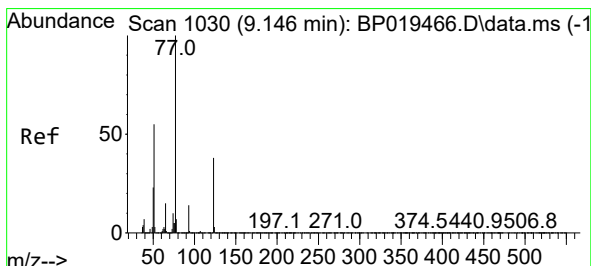
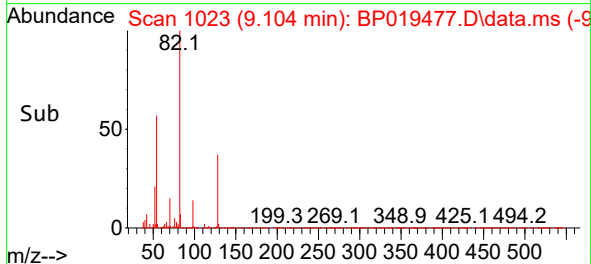
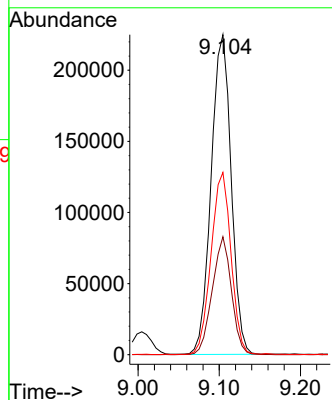
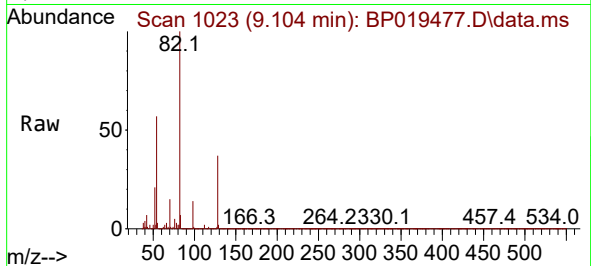




#23
Nitrobenzene-d5
Concen: 68.574 ng
RT: 9.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

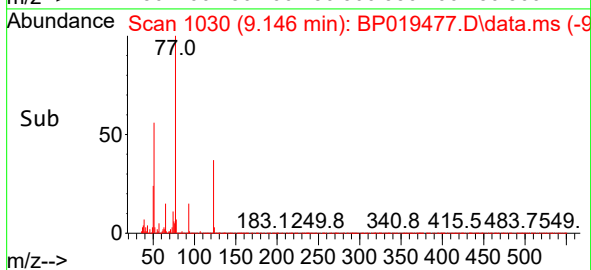
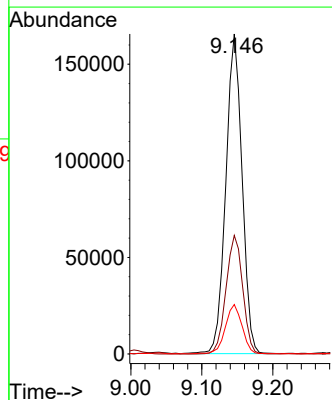
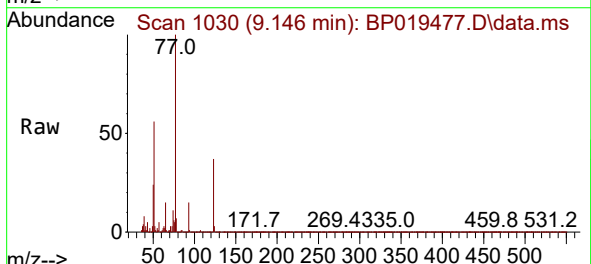
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

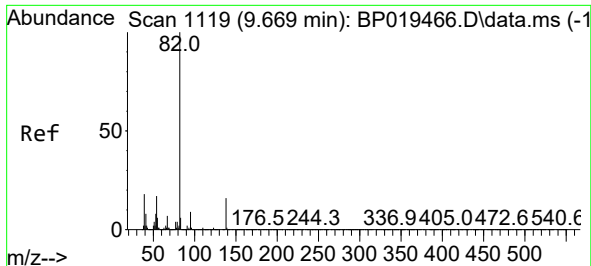
Tgt Ion: 82 Resp: 384786
Ion Ratio Lower Upper
82 100
128 36.9 28.9 43.3
54 57.0 44.3 66.5



#24
Nitrobenzene
Concen: 46.018 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 77 Resp: 262858
Ion Ratio Lower Upper
77 100
123 37.0 30.6 45.8
65 15.4 12.3 18.5

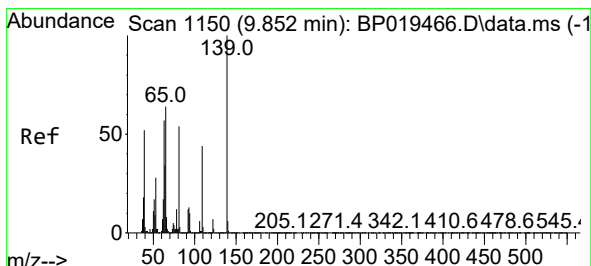
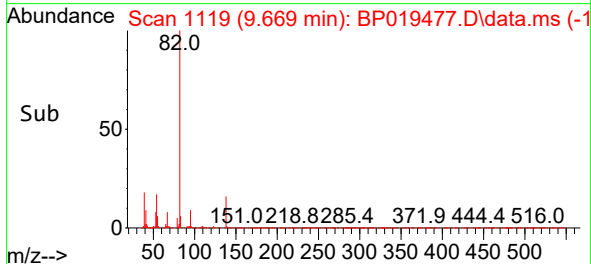
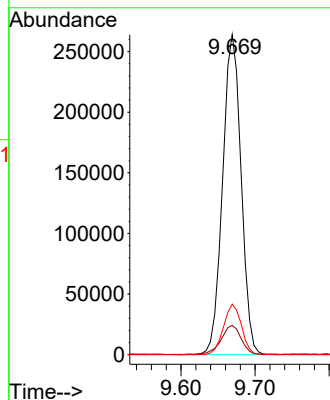
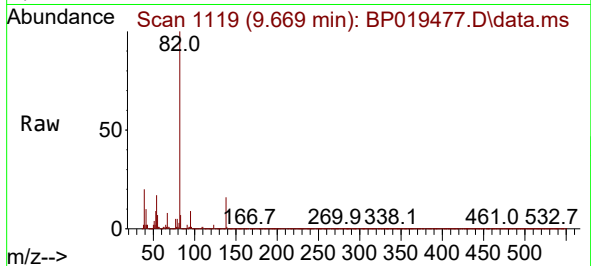




#25
Isophorone
Concen: 43.324 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

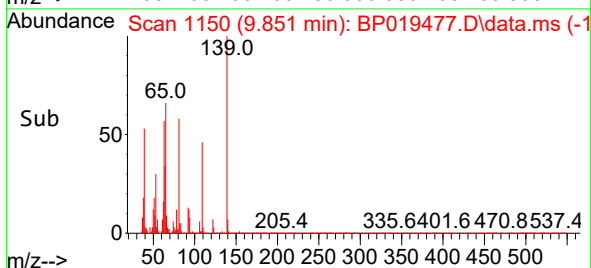
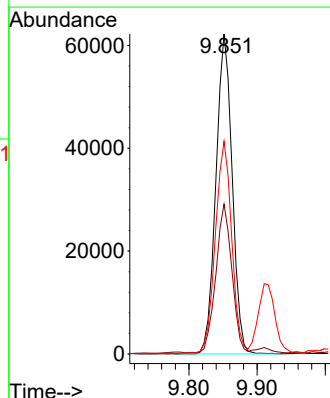
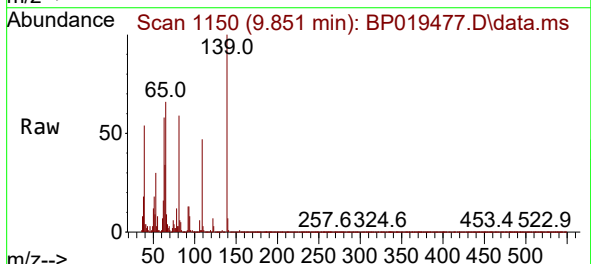
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

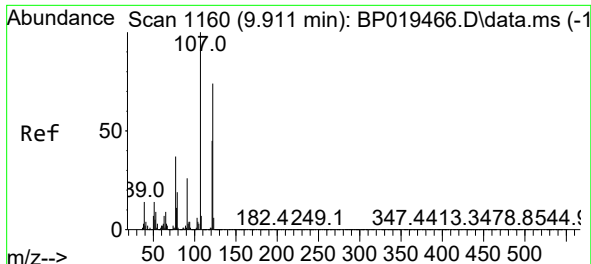
Tgt Ion: 82 Resp: 457314
Ion Ratio Lower Upper
82 100
95 9.1 7.4 11.2
138 15.8 13.0 19.4



#26
2-Nitrophenol
Concen: 51.639 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:139 Resp: 103119
Ion Ratio Lower Upper
139 100
109 46.8 35.1 52.7
65 66.4 51.4 77.2

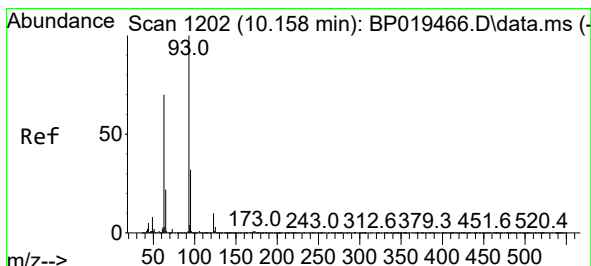
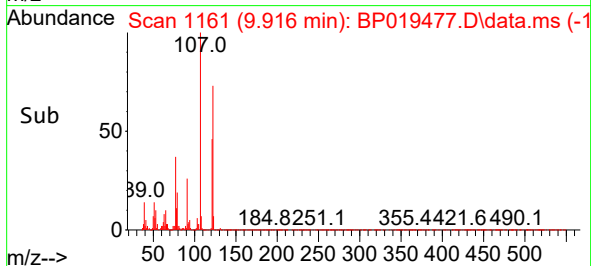
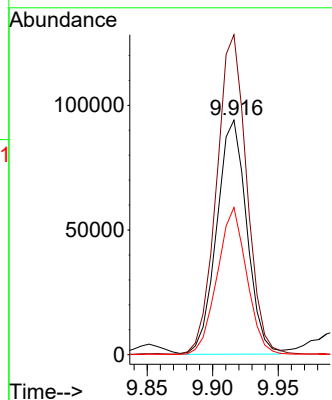
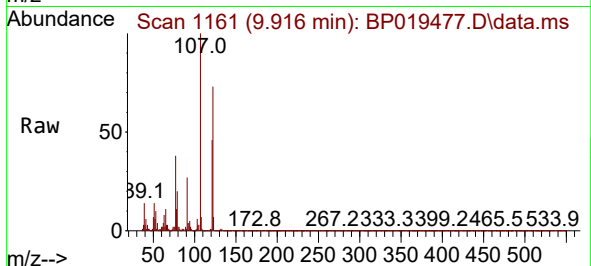




#27
2,4-Dimethylphenol
Concen: 54.579 ng
RT: 9.916 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

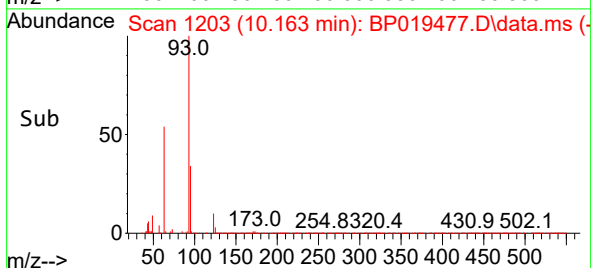
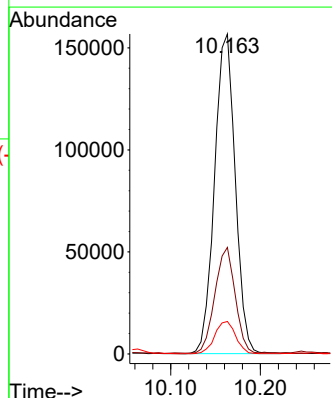
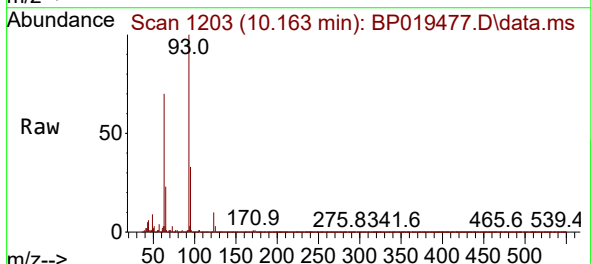
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

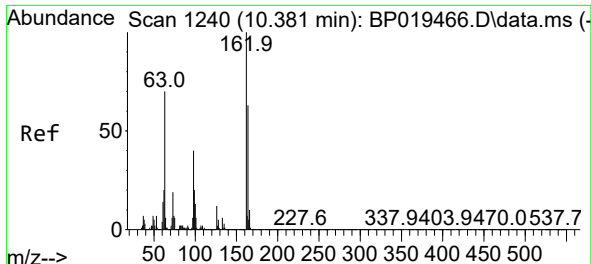
Tgt Ion:122 Resp: 149679
Ion Ratio Lower Upper
122 100
107 136.4 107.8 161.6
121 62.8 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.818 ng
RT: 10.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 93 Resp: 250642
Ion Ratio Lower Upper
93 100
95 33.3 25.9 38.9
123 10.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.425 ng

RT: 10.387 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

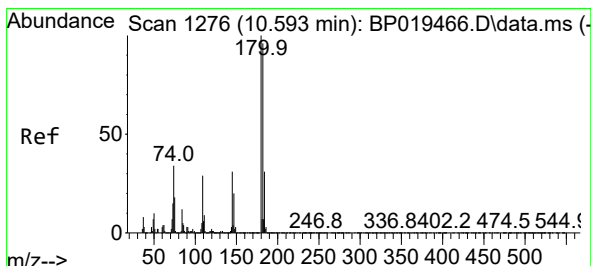
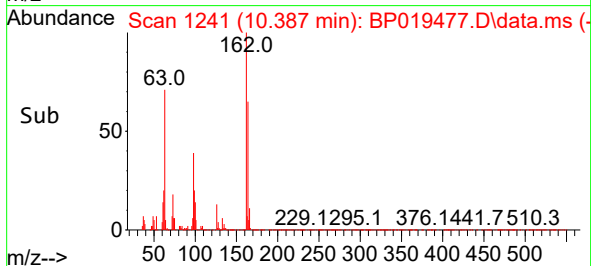
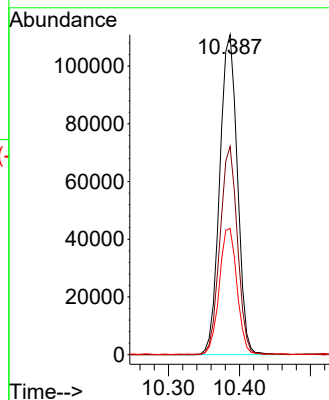
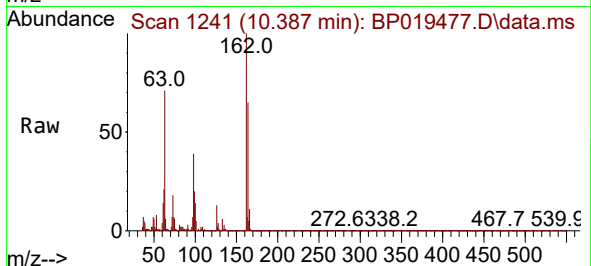
Tgt Ion:162 Resp: 191125

Ion Ratio Lower Upper

162 100

164 65.0 43.3 83.3

98 39.5 20.5 60.5



#30

1,2,4-Trichlorobenzene

Concen: 47.444 ng

RT: 10.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

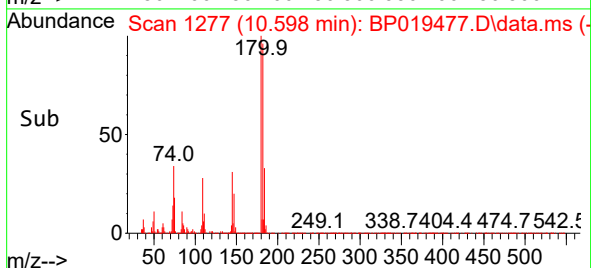
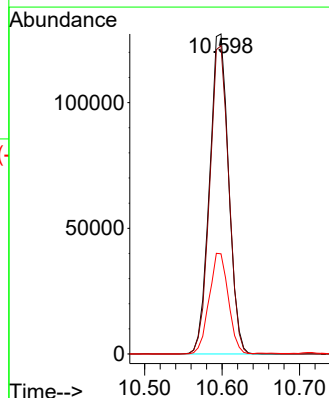
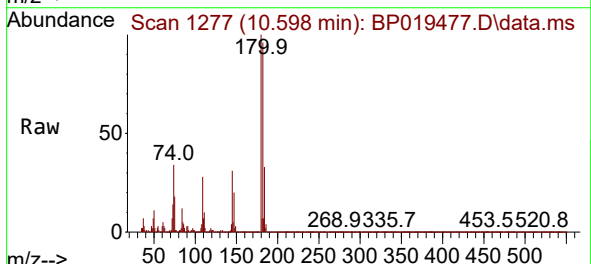
Tgt Ion:180 Resp: 217653

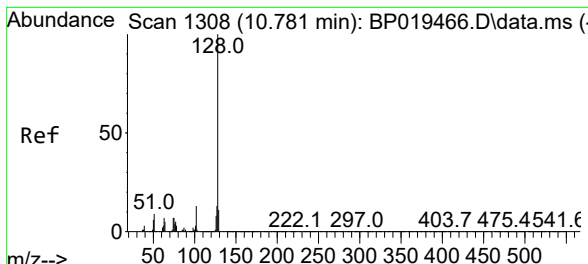
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 31.3 25.1 37.7

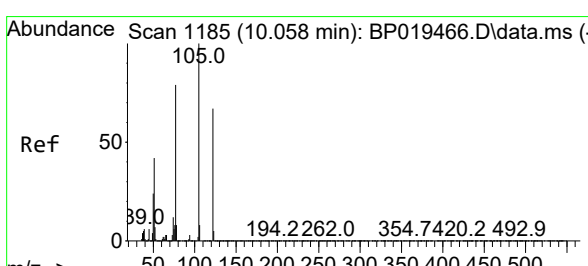
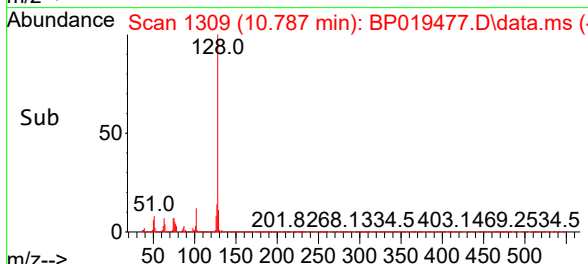
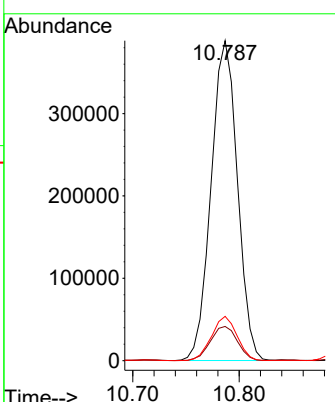
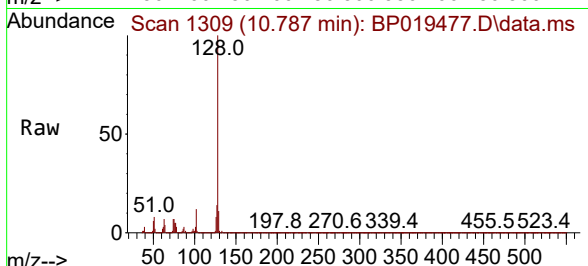




#31
Naphthalene
Concen: 51.716 ng
RT: 10.787 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

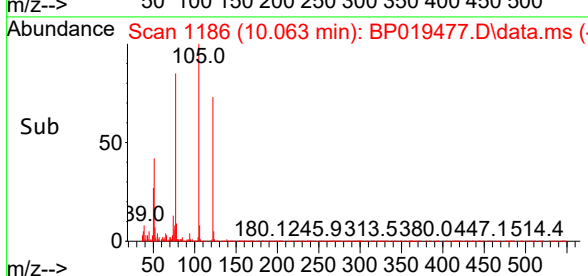
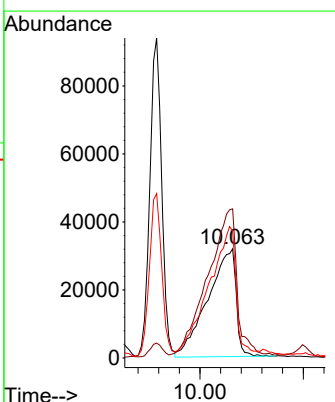
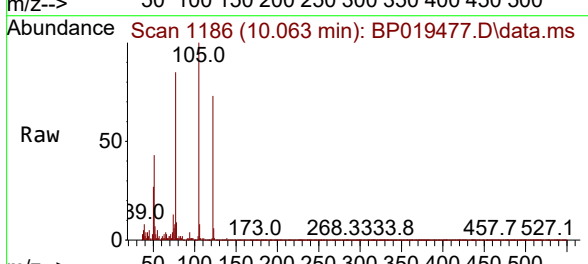
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

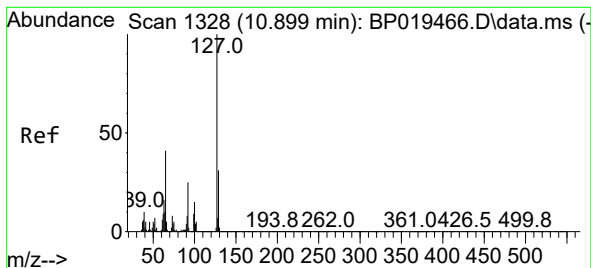
Tgt Ion:	128	Resp:	666233
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	13.9	10.6	15.8



#32
Benzoic acid
Concen: 43.184 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:	122	Resp:	120167
Ion Ratio	Lower	Upper	
122	100		
105	136.7	124.5	164.5
77	116.3	97.0	137.0





#33

4-Chloroaniline

Concen: 18.966 ng

RT: 10.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

Tgt Ion:127 Resp: 96265

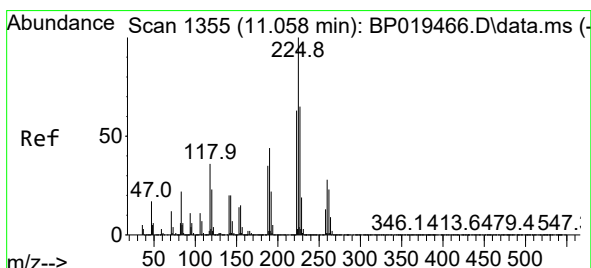
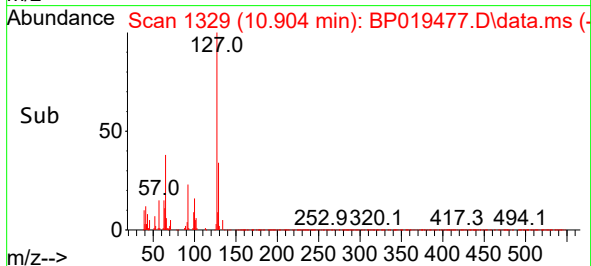
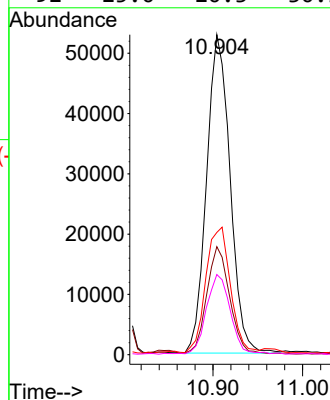
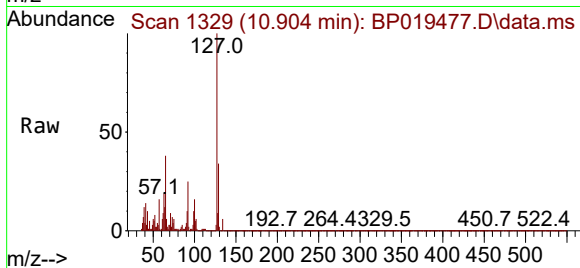
Ion Ratio Lower Upper

127 100

129 33.8 25.0 37.4

65 38.2 32.6 48.8

92 25.0 20.3 30.5



#34

Hexachlorobutadiene

Concen: 46.936 ng

RT: 11.057 min Scan# 1355

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

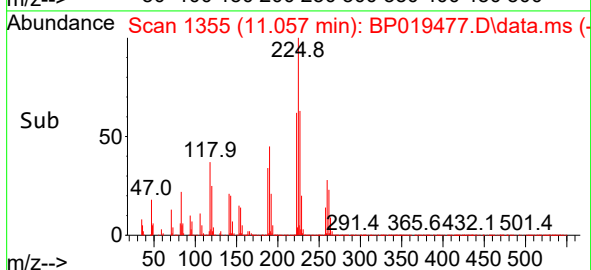
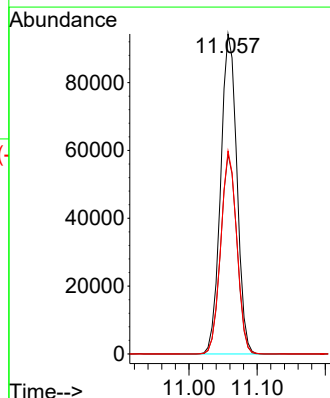
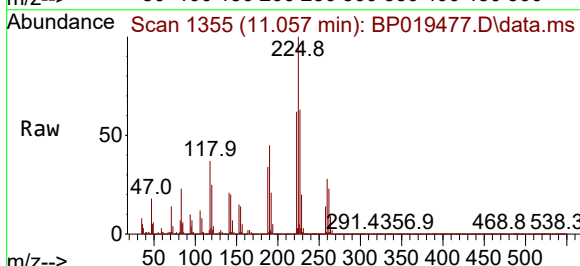
Tgt Ion:225 Resp: 156073

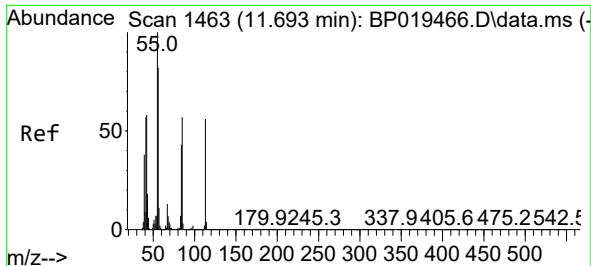
Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

227 63.4 51.9 77.9

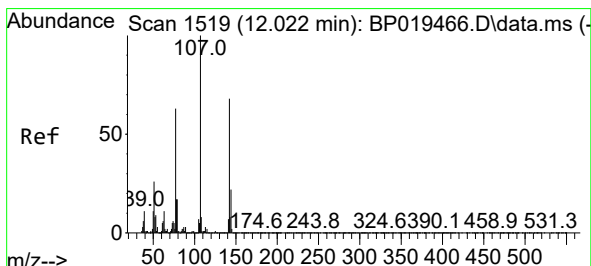
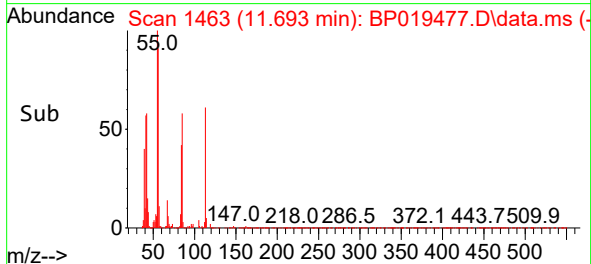
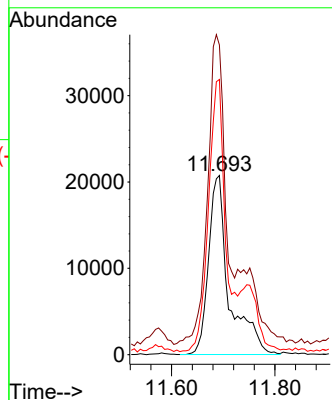
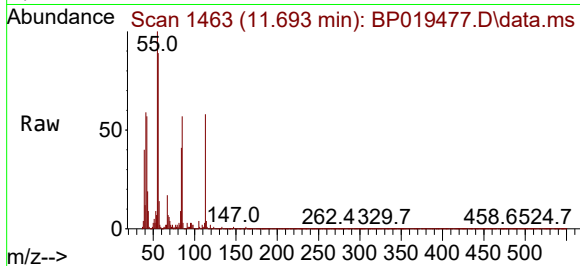




#35
Caprolactam
Concen: 40.925 ng
RT: 11.693 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

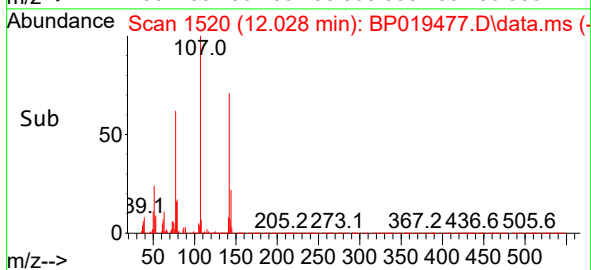
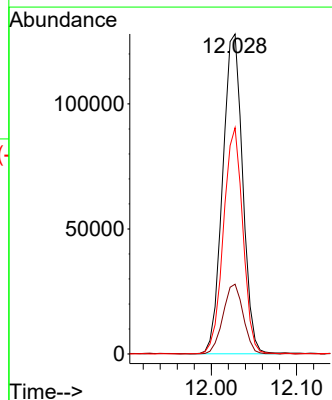
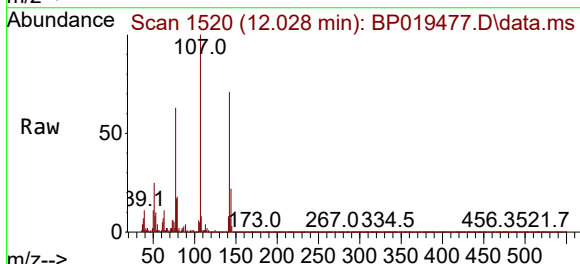
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

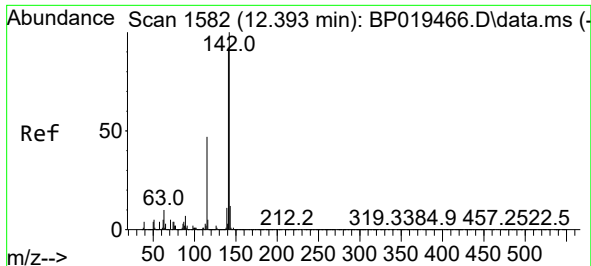
Tgt Ion:113 Resp: 57376
Ion Ratio Lower Upper
113 100
55 172.9 158.3 198.3
56 153.6 126.6 166.6



#36
4-Chloro-3-methylphenol
Concen: 41.607 ng
RT: 12.028 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:107 Resp: 208654
Ion Ratio Lower Upper
107 100
144 21.8 17.8 26.8
142 70.7 54.2 81.2

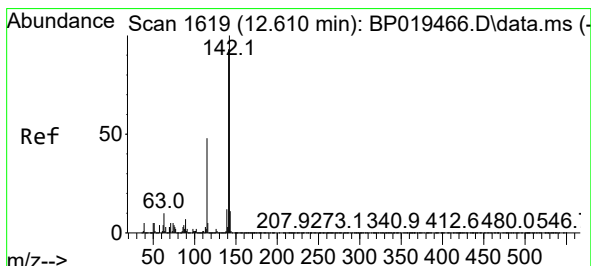
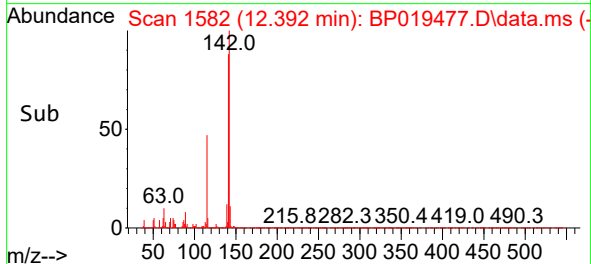
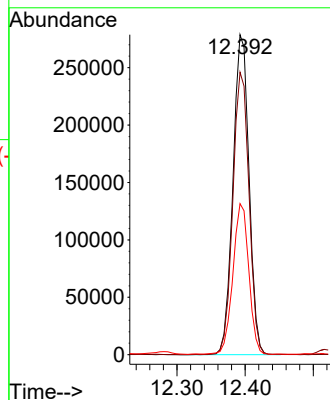
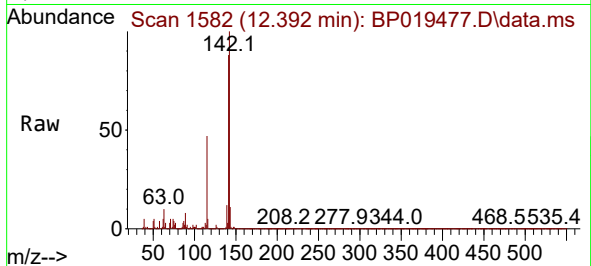




#37
2-Methylnaphthalene
Concen: 49.373 ng
RT: 12.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

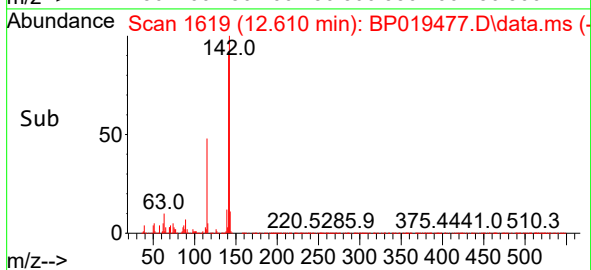
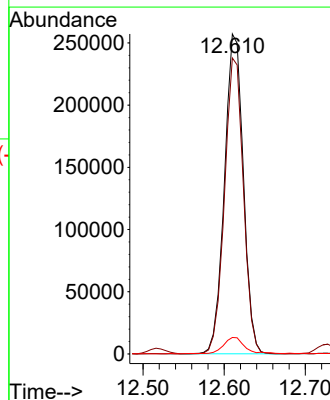
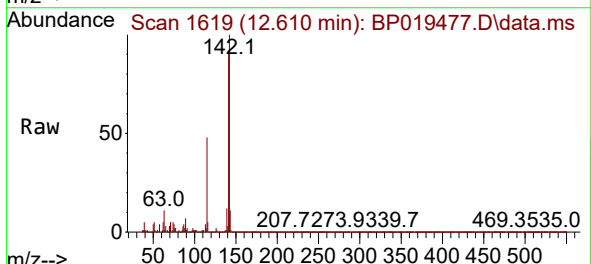
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

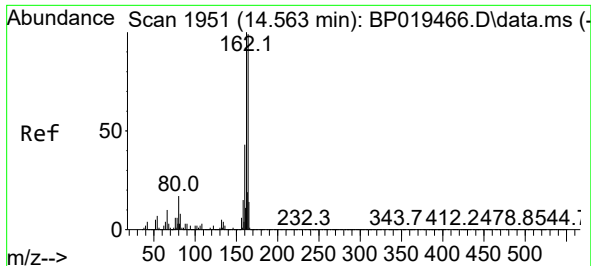
Tgt Ion:142 Resp: 455897
Ion Ratio Lower Upper
142 100
141 88.3 73.0 109.4
115 47.2 37.4 56.2



#38
1-Methylnaphthalene
Concen: 45.570 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:142 Resp: 416228
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6
116 5.1 4.1 6.1

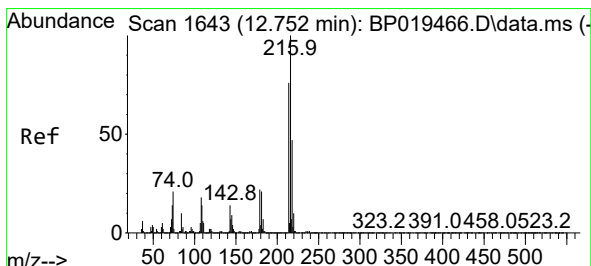
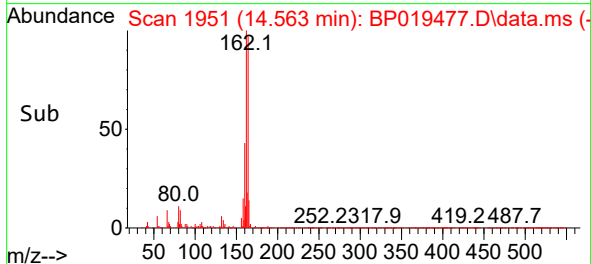
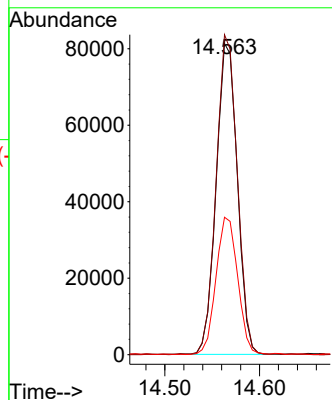
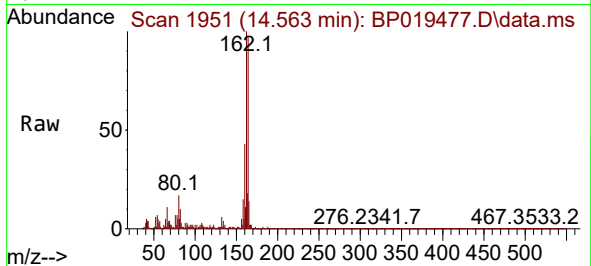




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

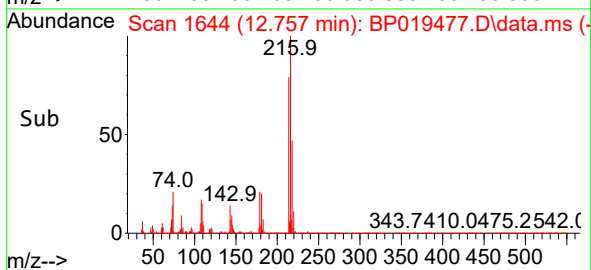
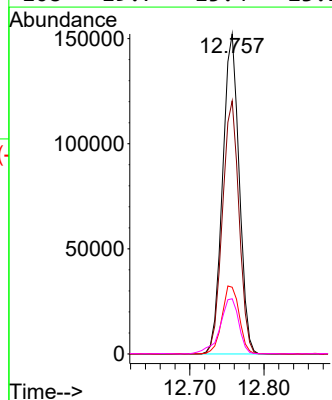
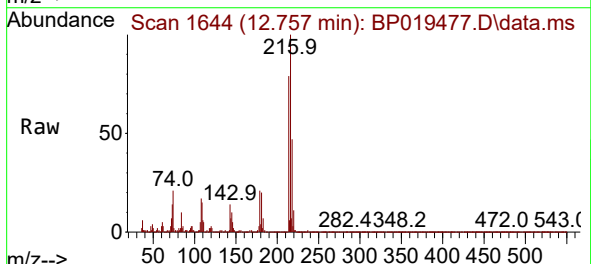
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

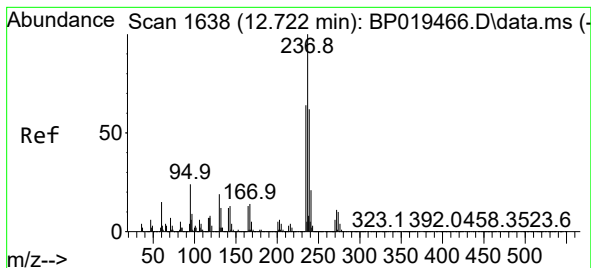
Tgt Ion:164 Resp: 126189
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 44.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.768 ng
RT: 12.757 min Scan# 1644
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:216 Resp: 236263
Ion Ratio Lower Upper
216 100
214 79.2 61.2 91.8
179 22.1 17.4 26.2
108 19.7 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 53.869 ng

RT: 12.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

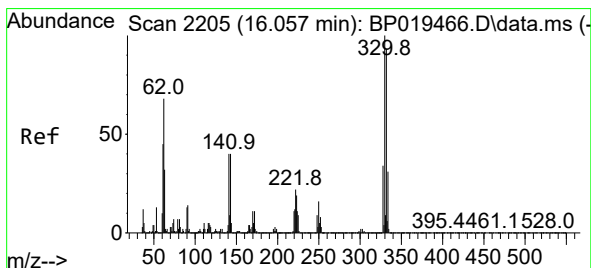
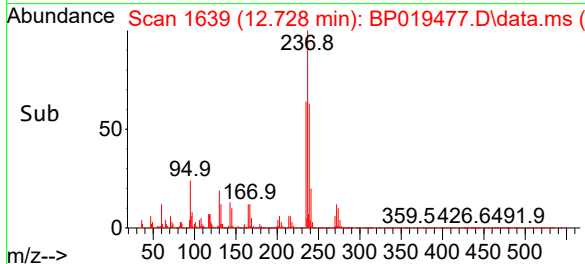
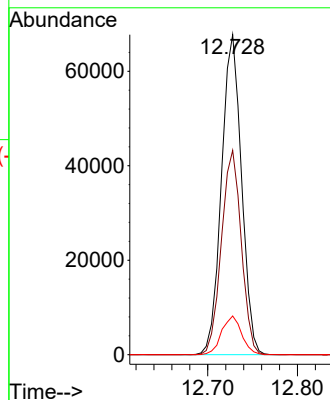
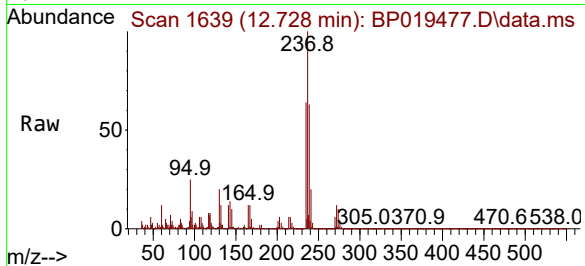
Tgt Ion:237 Resp: 104856

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

272 12.1 0.0 30.7



#42

2,4,6-Tribromophenol

Concen: 96.850 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

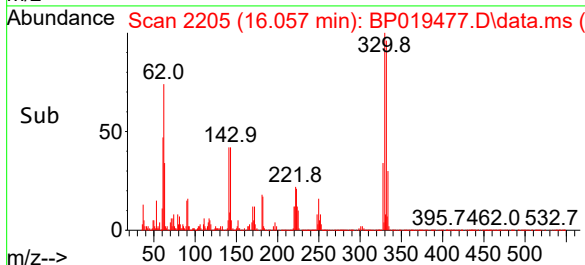
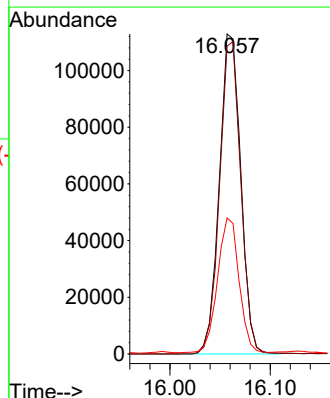
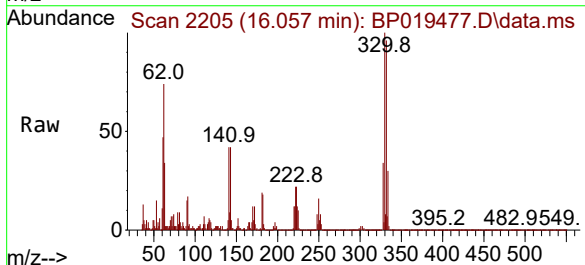
Tgt Ion:330 Resp: 167444

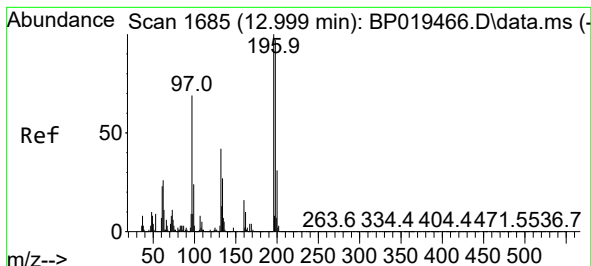
Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.2

141 42.2 33.3 49.9





#43

2,4,6-Trichlorophenol

Concen: 52.270 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

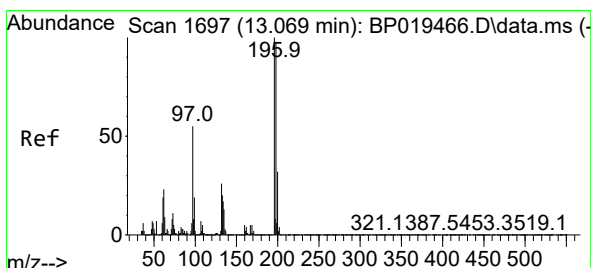
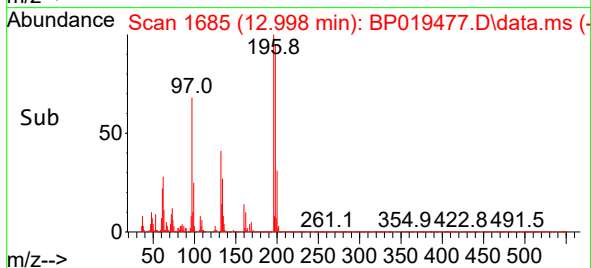
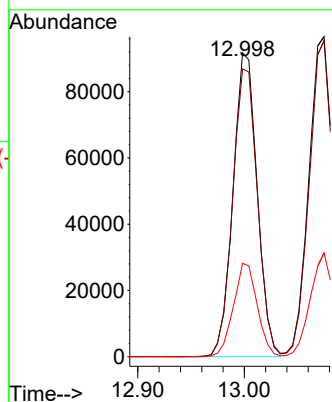
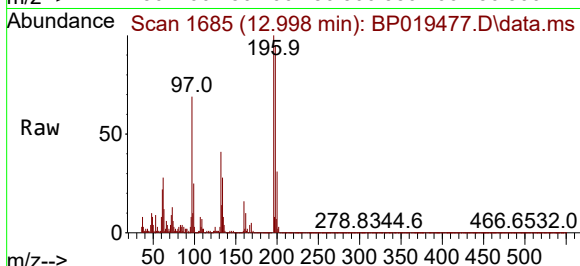
Tgt Ion:196 Resp: 144843

Ion Ratio Lower Upper

196 100

198 94.7 77.7 116.5

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 49.670 ng

RT: 13.075 min Scan# 1698

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Tgt Ion:196 Resp: 154605

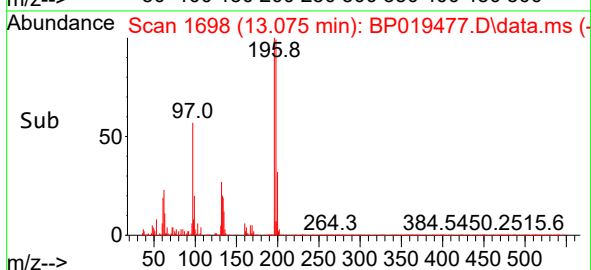
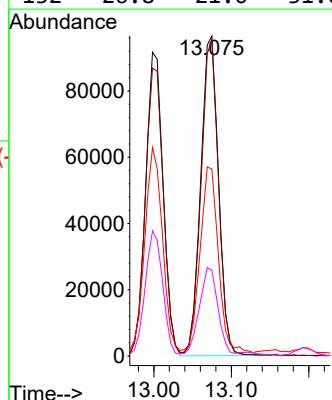
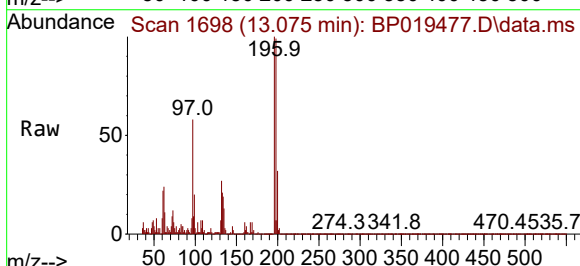
Ion Ratio Lower Upper

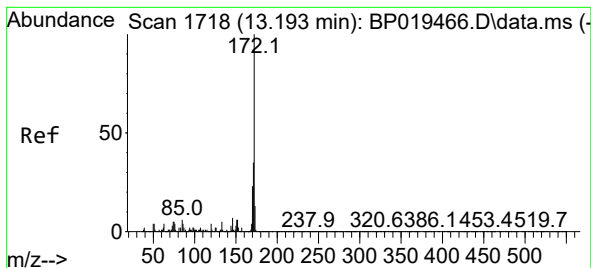
196 100

198 98.7 77.5 116.3

97 58.4 44.3 66.5

132 26.8 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 69.659 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

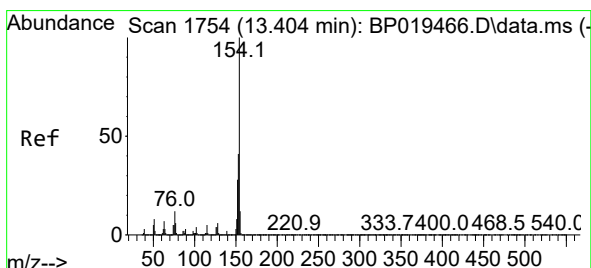
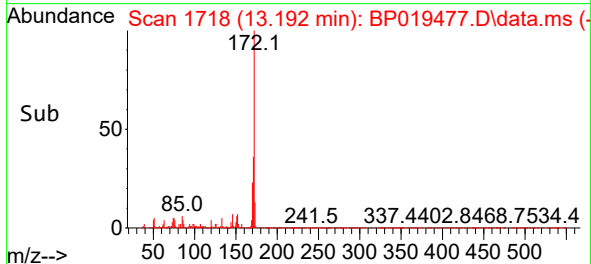
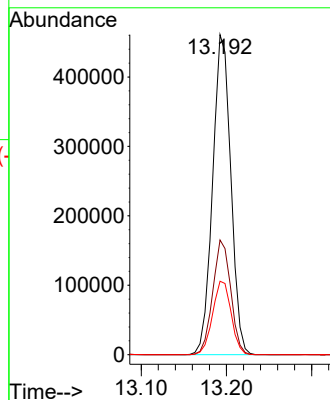
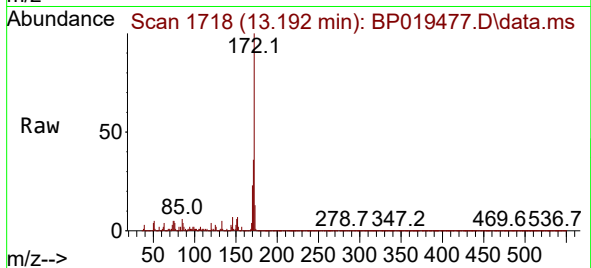
Tgt Ion:172 Resp: 682695

Ion Ratio Lower Upper

172 100

171 35.9 28.1 42.1

170 23.0 18.6 27.8



#46

1,1'-Biphenyl

Concen: 53.768 ng

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

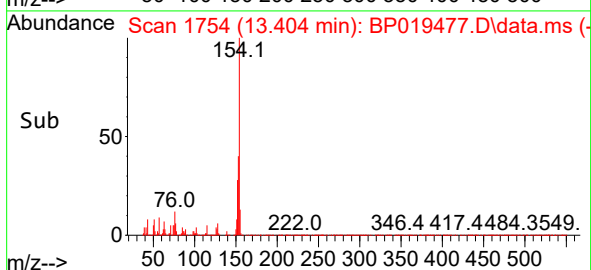
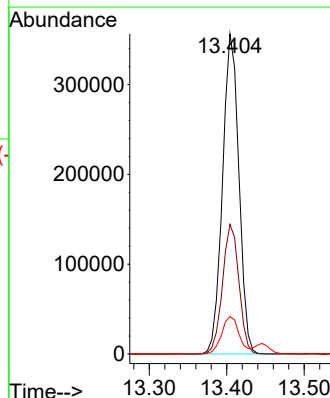
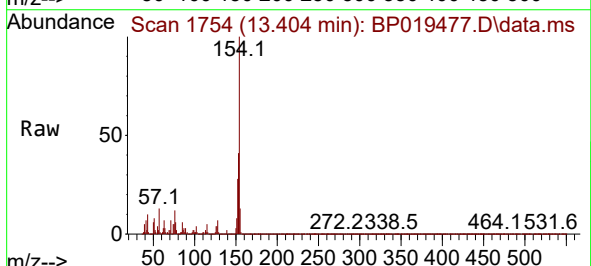
Tgt Ion:154 Resp: 524067

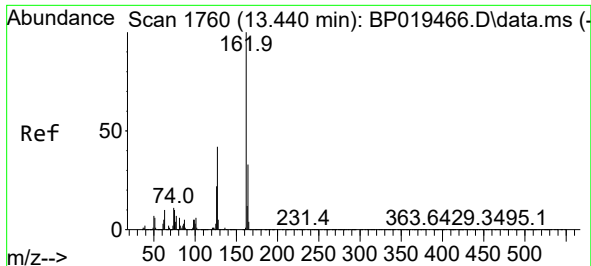
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.7 0.0 32.2

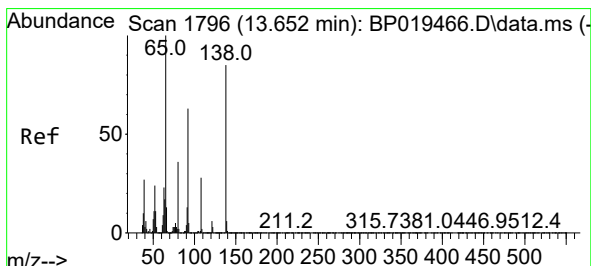
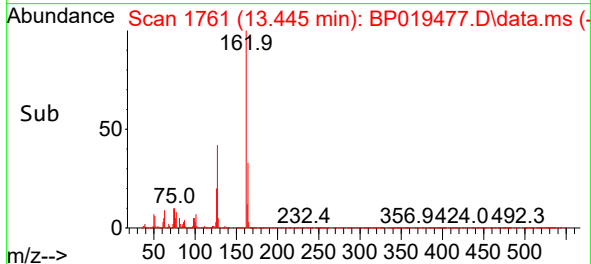
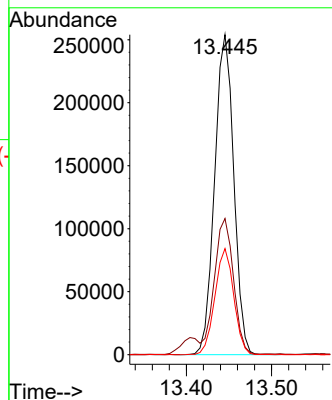
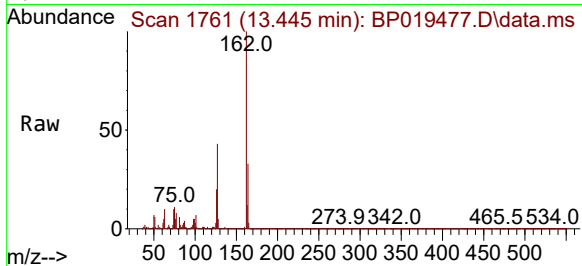




#47
2-Chloronaphthalene
Concen: 49.970 ng
RT: 13.445 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

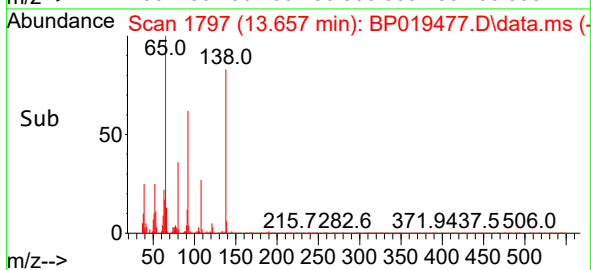
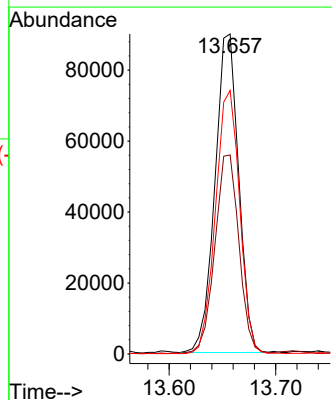
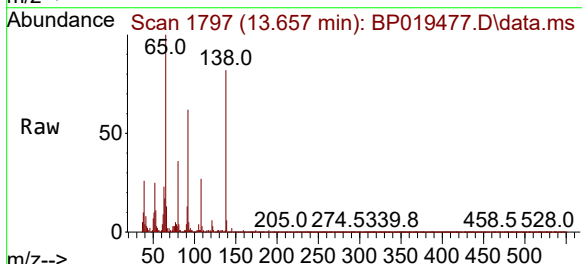
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

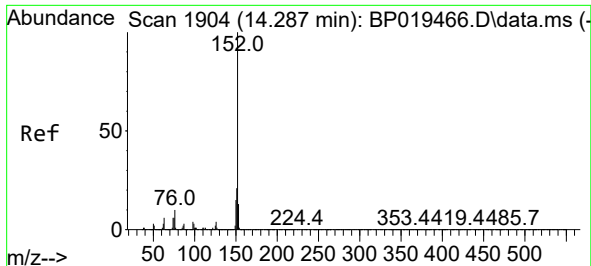
Tgt Ion:162 Resp: 395665
Ion Ratio Lower Upper
162 100
127 42.6 34.1 51.1
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 50.328 ng
RT: 13.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion: 65 Resp: 138751
Ion Ratio Lower Upper
65 100
92 62.2 50.7 76.1
138 82.3 68.2 102.2

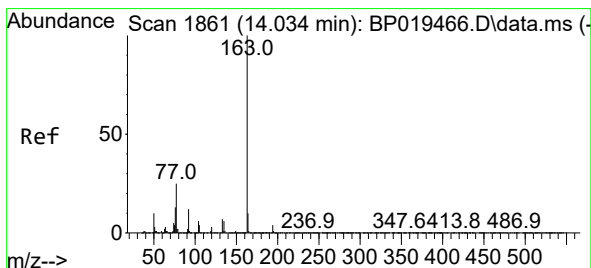
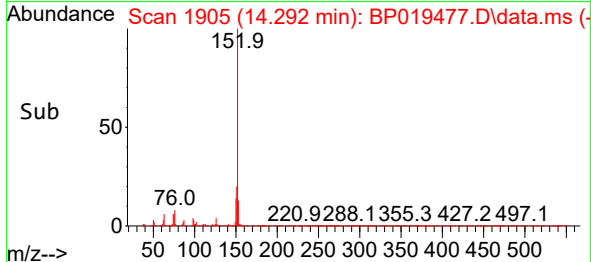
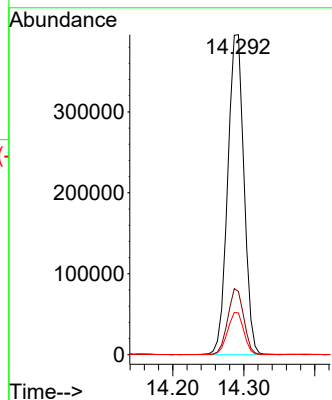
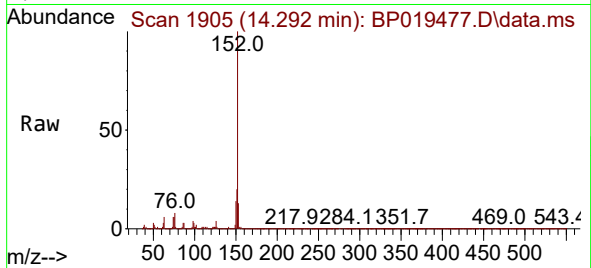




#49
Acenaphthylene
Concen: 53.599 ng
RT: 14.292 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

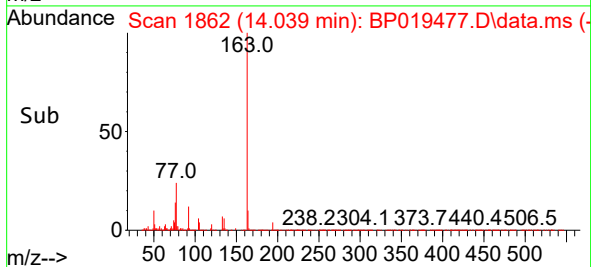
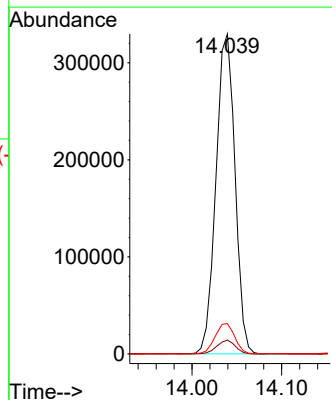
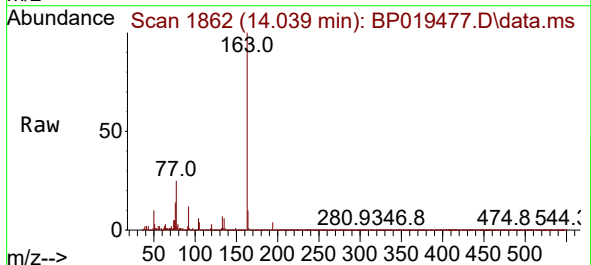
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

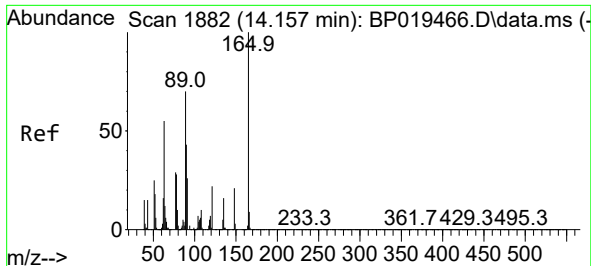
Tgt Ion:152 Resp: 628272
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 46.974 ng
RT: 14.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:163 Resp: 485065
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.5 8.2 12.4

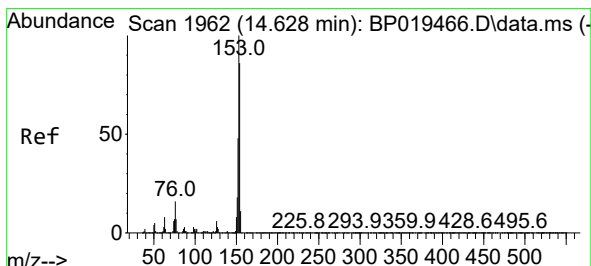
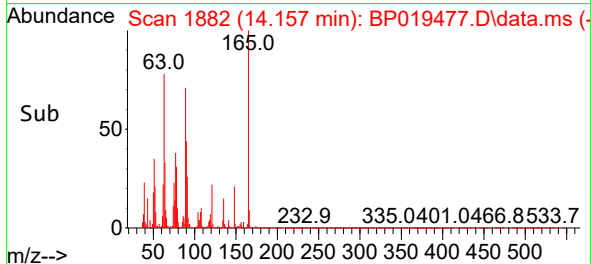
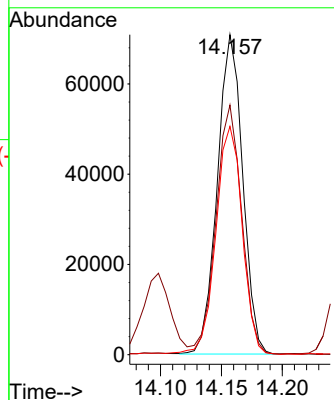
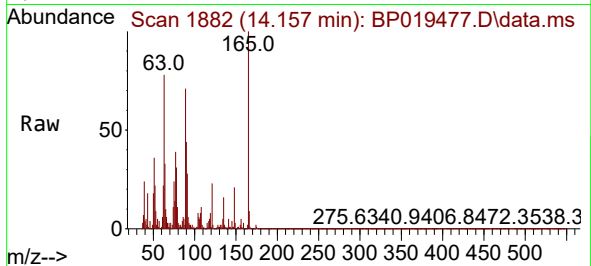




#51
2,6-Dinitrotoluene
Concen: 45.686 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

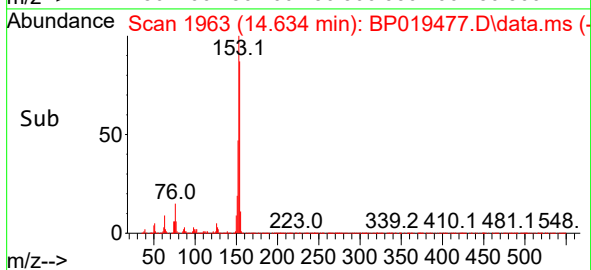
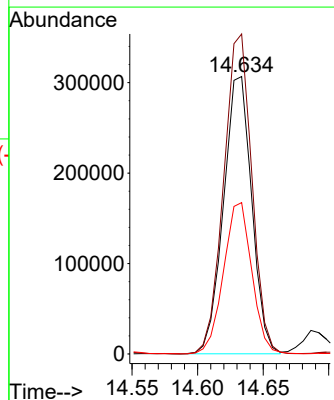
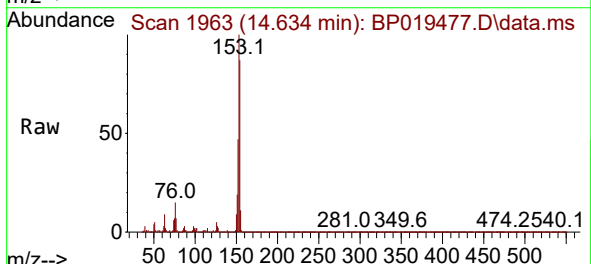
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

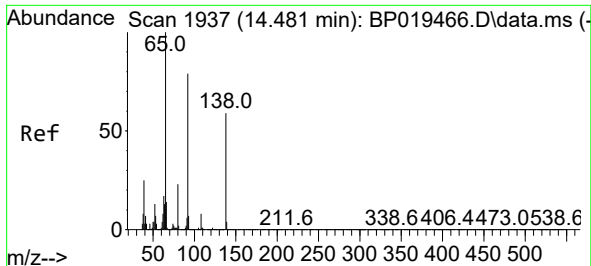
Tgt Ion:165 Resp: 102654
Ion Ratio Lower Upper
165 100
63 78.0 59.8 89.6
89 71.3 56.6 85.0



#52
Acenaphthene
Concen: 63.215 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:154 Resp: 459102
Ion Ratio Lower Upper
154 100
153 115.4 93.4 140.2
152 54.5 44.7 67.1

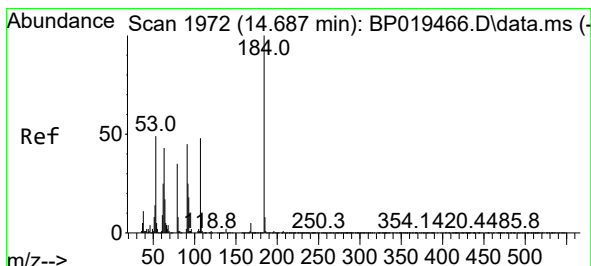
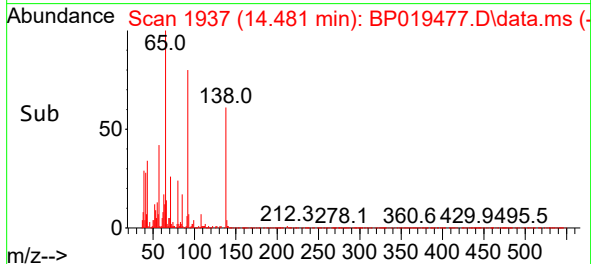
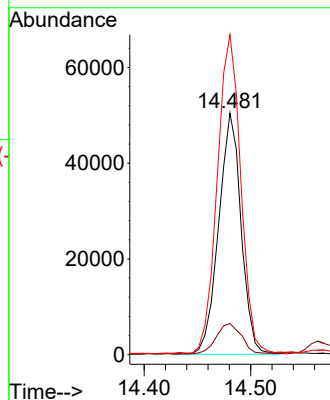
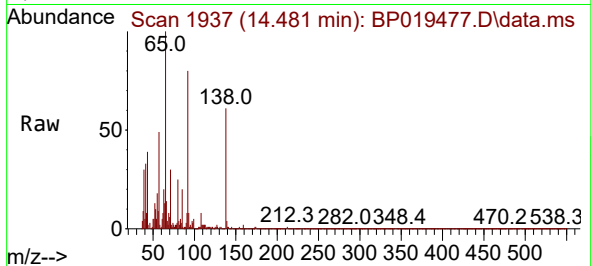




#53
3-Nitroaniline
Concen: 34.406 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

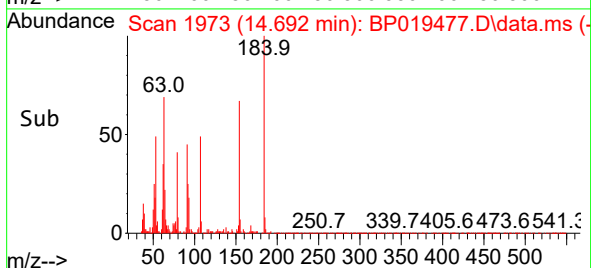
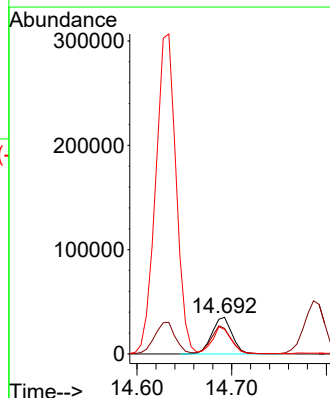
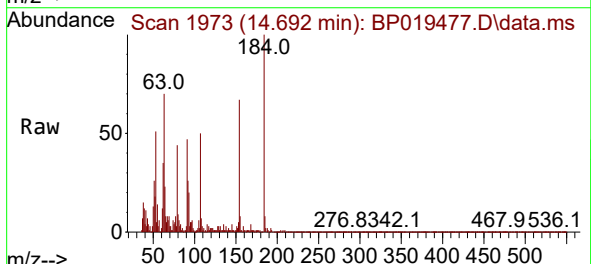
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

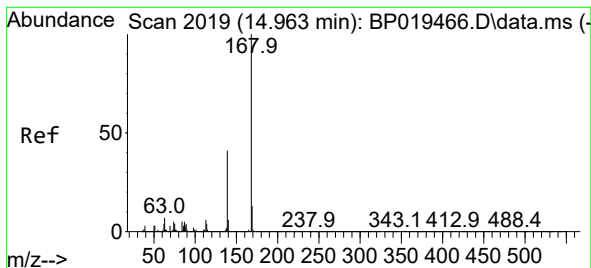
Tgt Ion:138 Resp: 73589
Ion Ratio Lower Upper
138 100
108 12.9 11.5 17.3
92 132.5 107.9 161.9



#54
2,4-Dinitrophenol
Concen: 42.718 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:184 Resp: 52001
Ion Ratio Lower Upper
184 100
63 70.0 56.8 85.2
154 67.3 59.3 88.9





#55

Dibenzenofuran

Concen: 59.871 ng

RT: 14.969 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

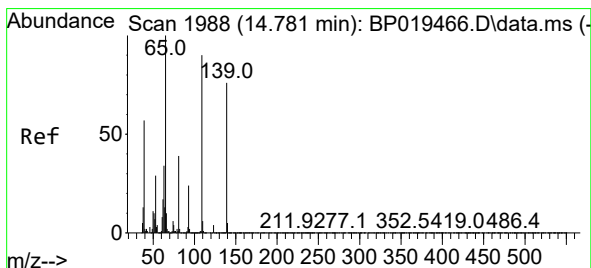
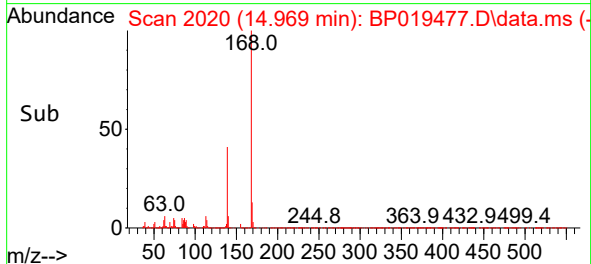
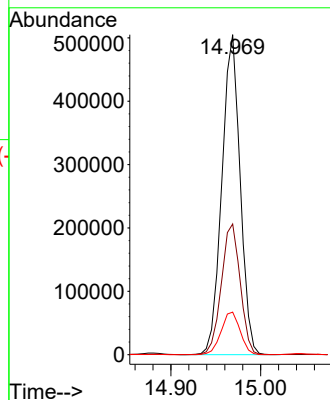
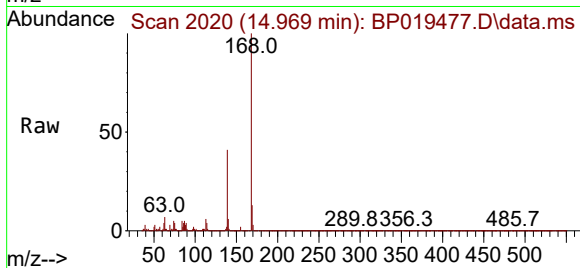
Tgt Ion:168 Resp: 712823

Ion Ratio Lower Upper

168 100

139 40.9 33.1 49.7

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 98.726 ng

RT: 14.792 min Scan# 1990

Delta R.T. 0.012 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

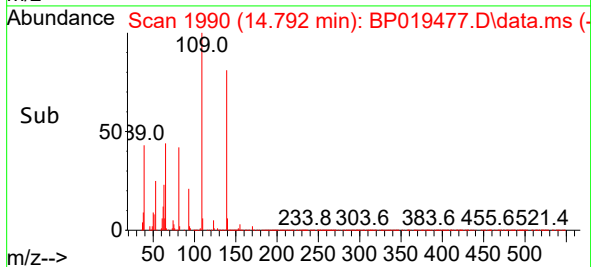
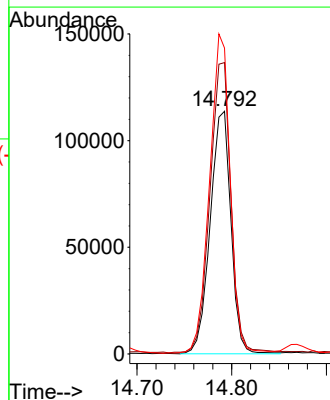
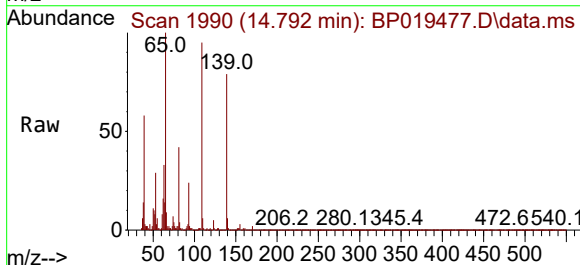
Tgt Ion:139 Resp: 172480

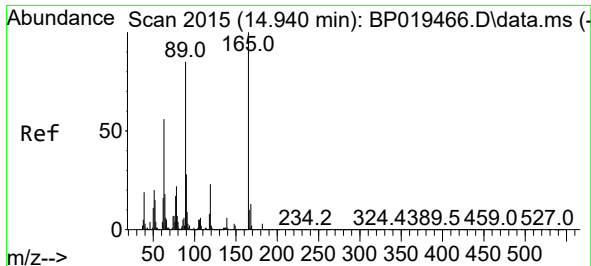
Ion Ratio Lower Upper

139 100

109 120.0 97.6 137.6

65 126.1 110.9 150.9

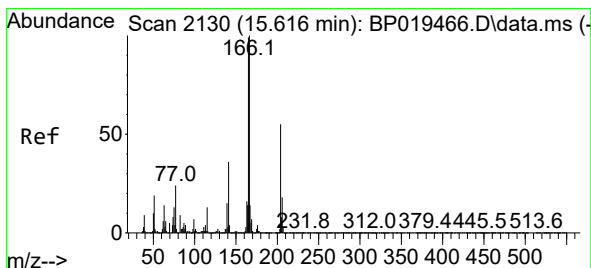
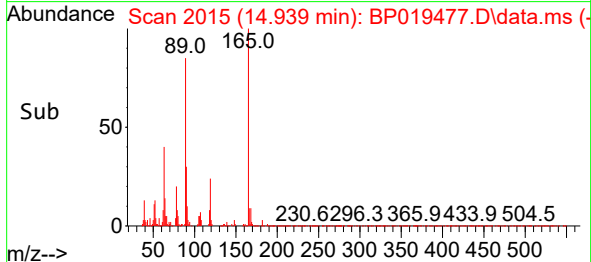
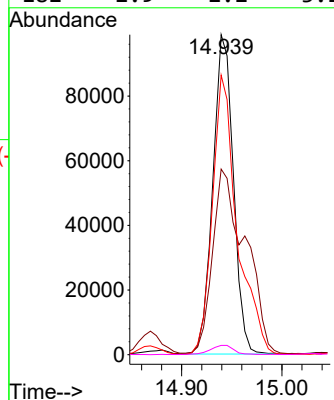
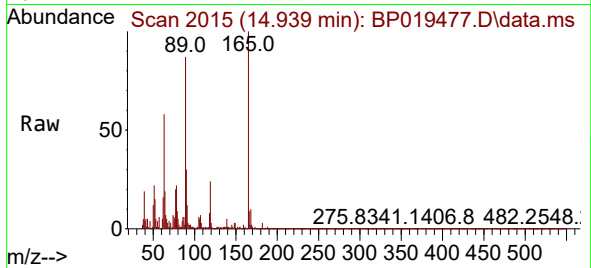




#57
2,4-Dinitrotoluene
Concen: 45.628 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

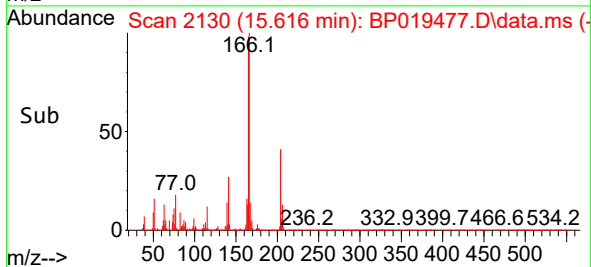
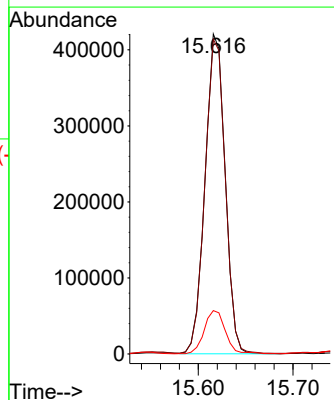
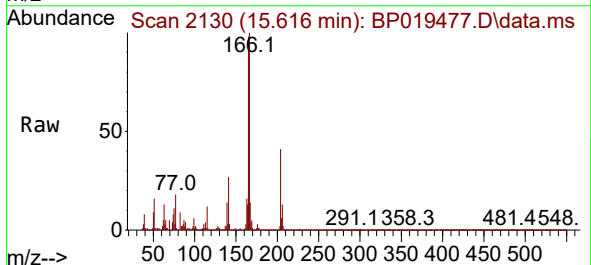
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

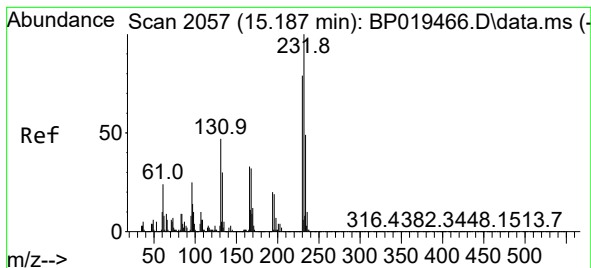
Tgt Ion:165 Resp: 140156
Ion Ratio Lower Upper
165 100
63 58.0 45.1 67.7
89 87.4 67.8 101.8
182 2.9 2.2 3.2



#58
Fluorene
Concen: 62.668 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:166 Resp: 617336
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.0
167 13.5 11.2 16.8

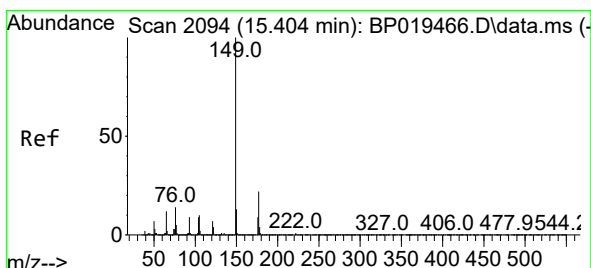
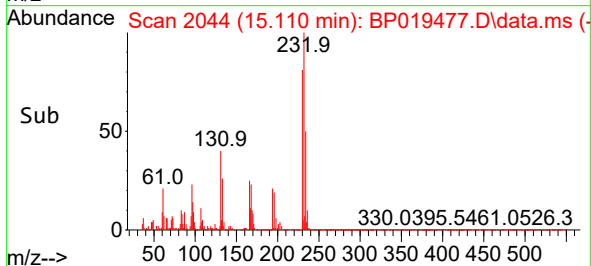
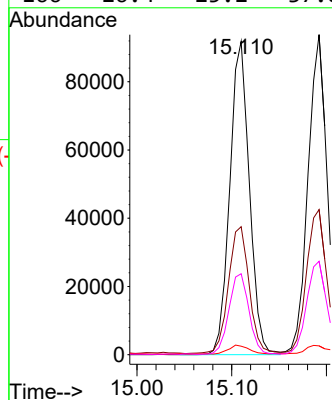
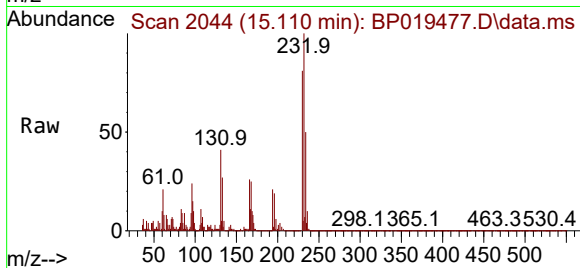




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.799 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.077 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

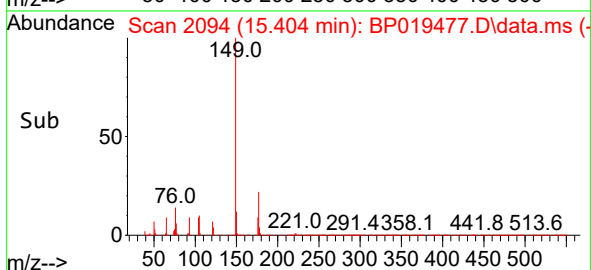
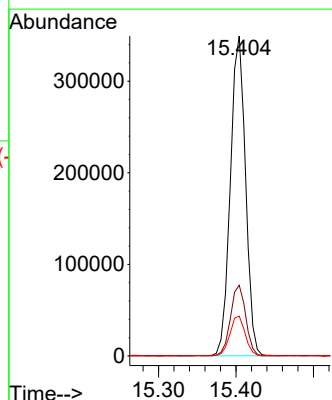
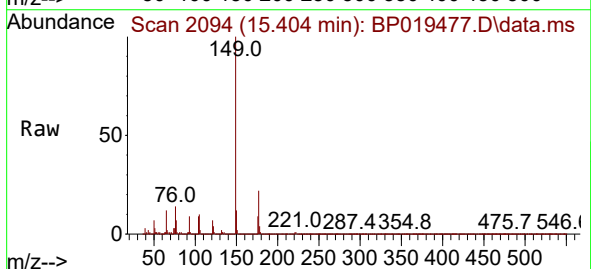
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

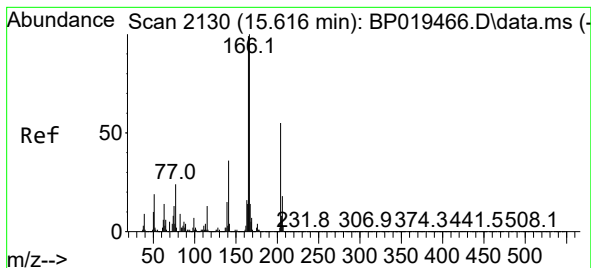
Tgt Ion:232 Resp: 131731
Ion Ratio Lower Upper
232 100
131 42.9 37.0 55.6
130 3.2 2.2 3.4
166 26.4 25.2 37.8



#60
Diethylphthalate
Concen: 44.126 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:149 Resp: 476189
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.4 10.1 15.1

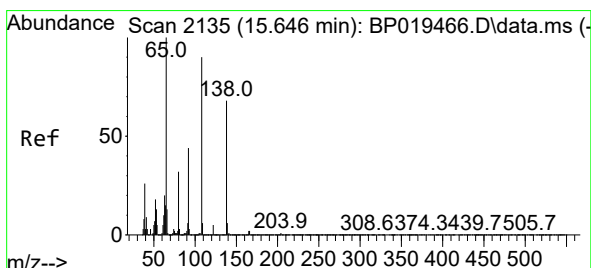
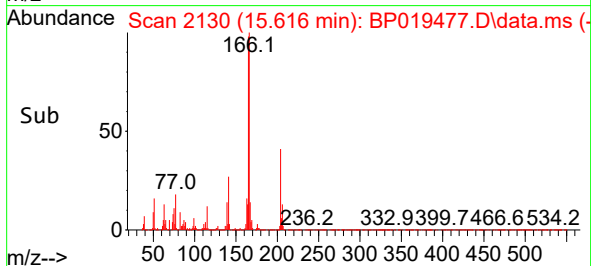
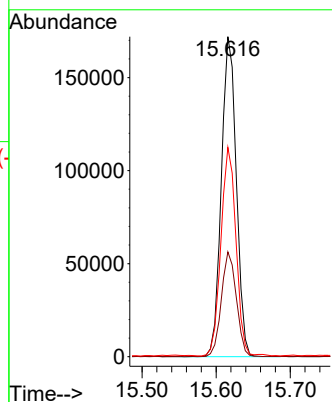
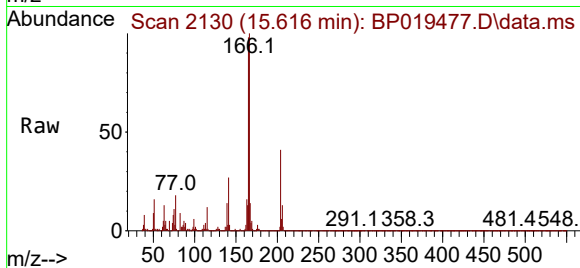




#61
4-Chlorophenyl-phenylether
Concen: 45.111 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

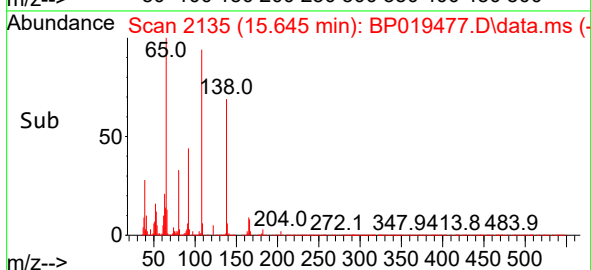
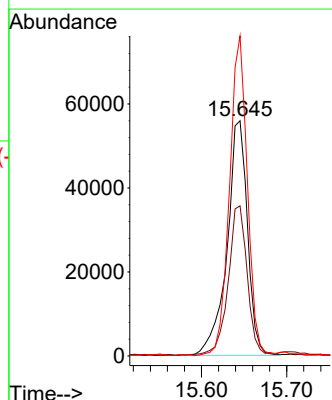
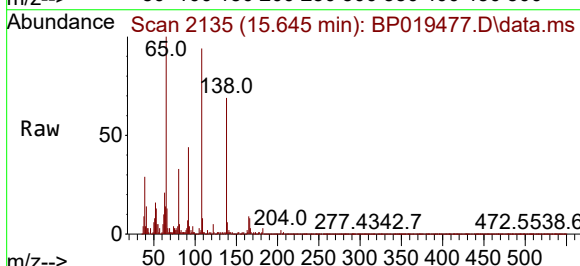
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

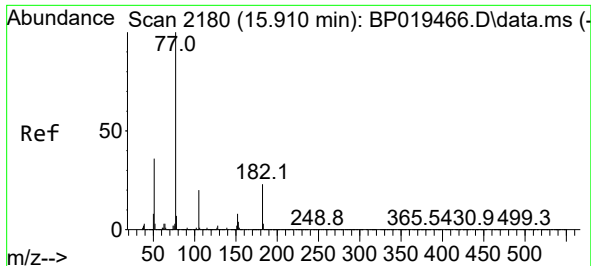
Tgt Ion:204 Resp: 240681
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 65.4 52.6 78.8



#62
4-Nitroaniline
Concen: 40.488 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:138 Resp: 92650
Ion Ratio Lower Upper
138 100
92 63.8 44.7 84.7
108 136.1 113.0 153.0

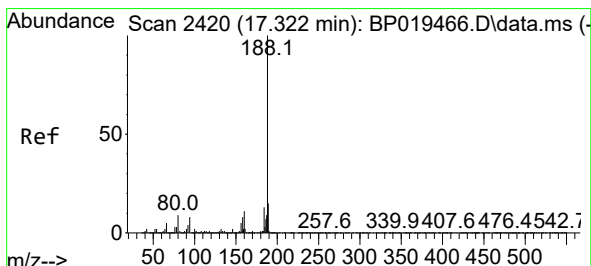
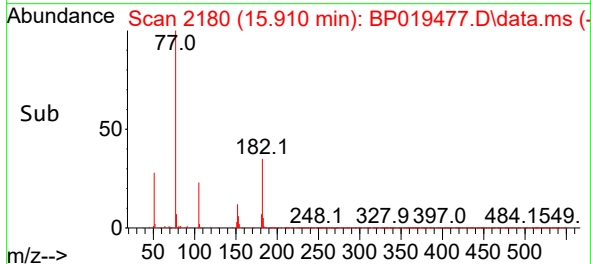
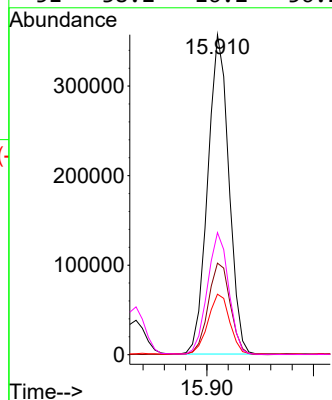
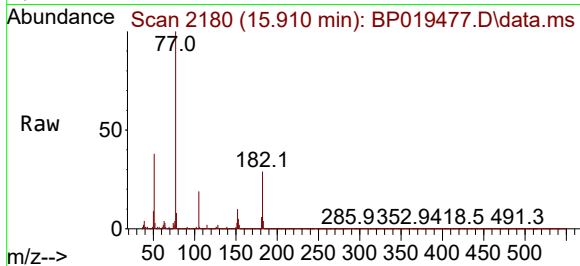




#63
Azobenzene
Concen: 45.306 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

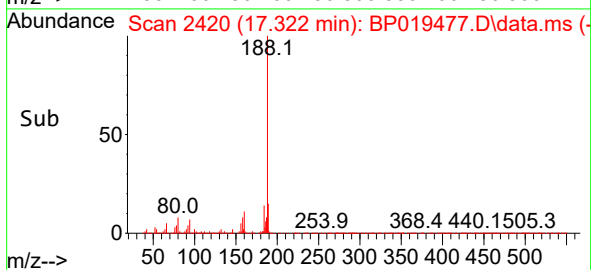
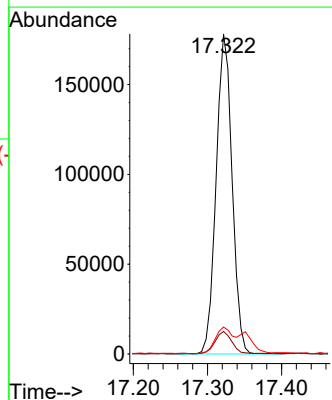
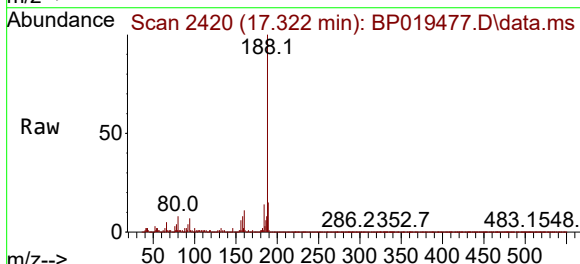
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

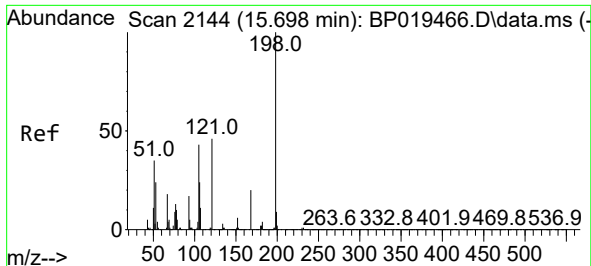
Tgt Ion: 77	Resp: 492402
Ion Ratio	Lower Upper
77 100	
182 28.6	3.1 43.1
105 18.9	0.0 39.8
51 38.2	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:188	Resp: 265819
Ion Ratio	Lower Upper
188 100	
94 7.1	6.1 9.1
80 8.4	6.8 10.2

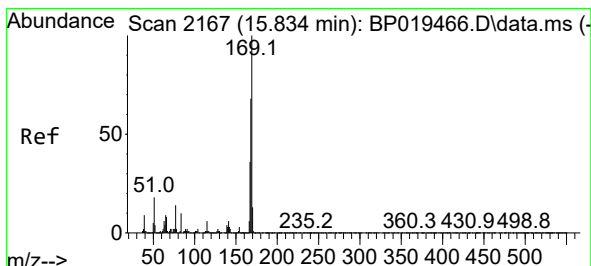
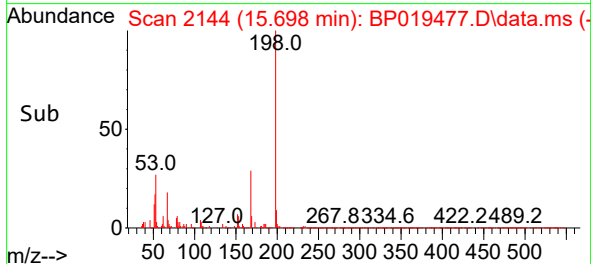
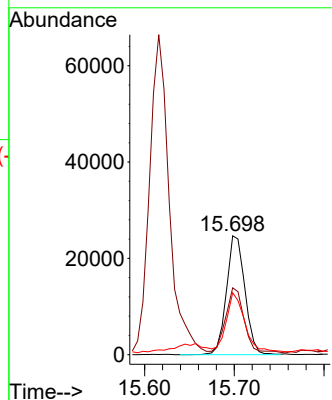
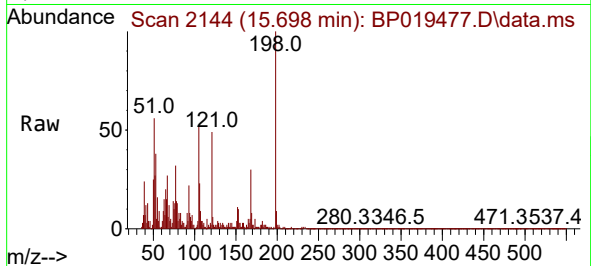




#65
4,6-Dinitro-2-methylphenol
Concen: 22.624 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

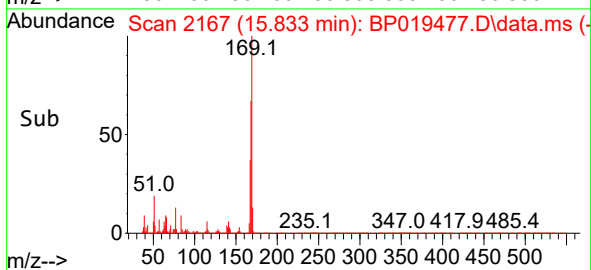
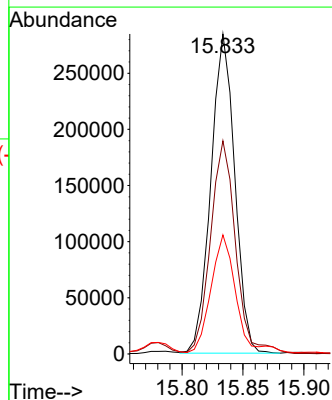
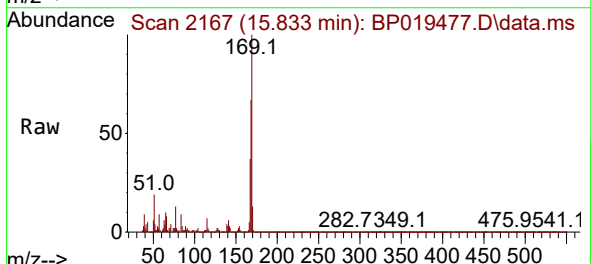
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

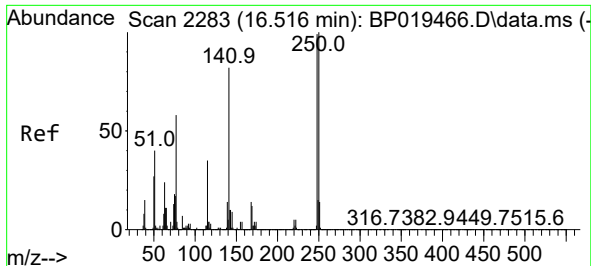
Tgt Ion:198 Resp: 35277
Ion Ratio Lower Upper
198 100
51 56.2 34.4 74.4
105 52.1 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 48.841 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:169 Resp: 388122
Ion Ratio Lower Upper
169 100
168 66.6 54.5 81.7
167 37.2 28.9 43.3

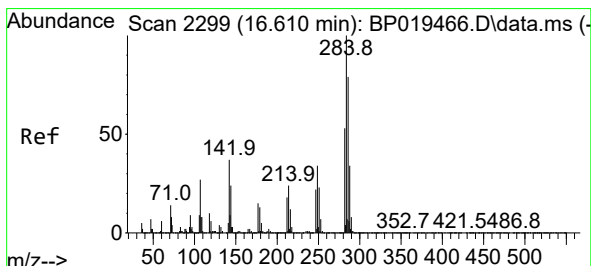
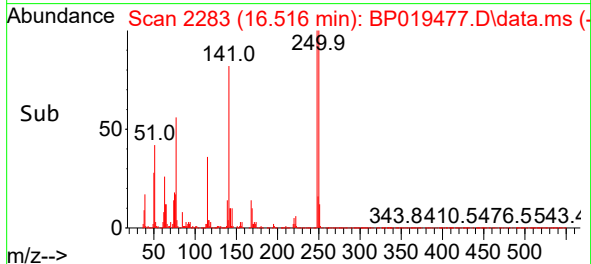
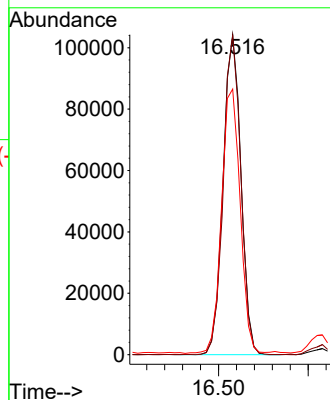
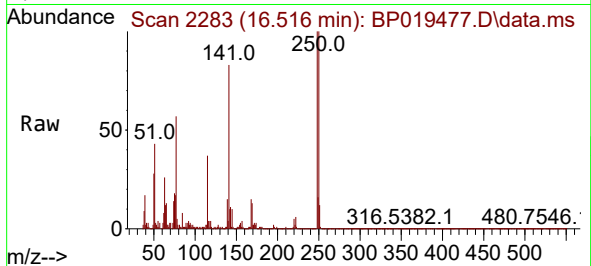




#67
4-Bromophenyl-phenylether
Concen: 47.203 ng
RT: 16.516 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

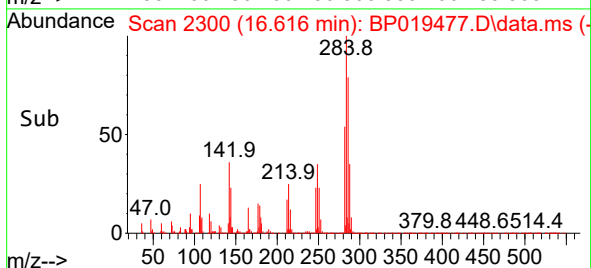
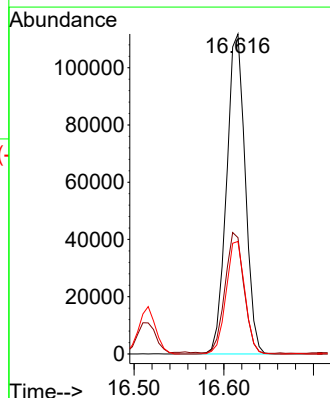
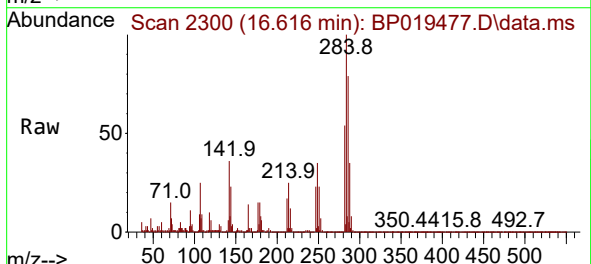
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MSD

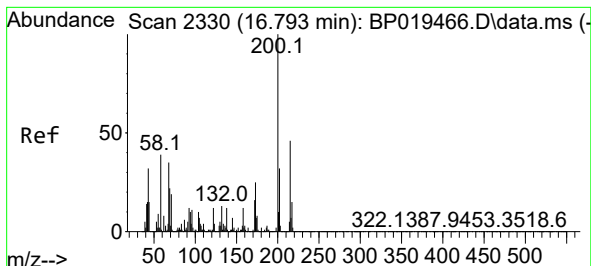
Tgt Ion:248 Resp: 143979
Ion Ratio Lower Upper
248 100
250 99.7 80.6 120.8
141 83.0 66.2 99.4



#68
Hexachlorobenzene
Concen: 46.469 ng
RT: 16.616 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BP019477.D
Acq: 29 Jan 2024 21:35

Tgt Ion:284 Resp: 161371
Ion Ratio Lower Upper
284 100
142 36.4 29.3 43.9
249 35.2 26.9 40.3





#69

Atrazine

Concen: 51.565 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

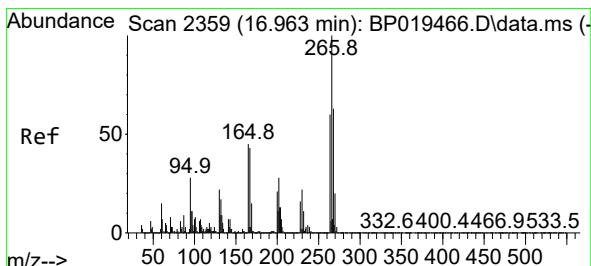
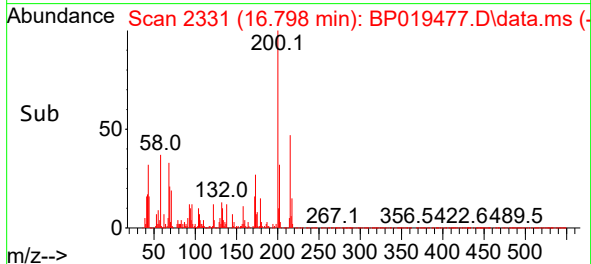
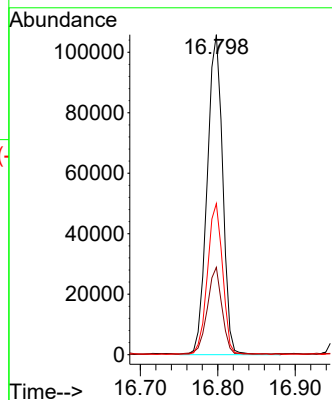
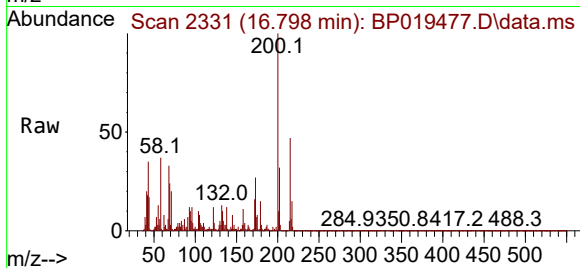
Tgt Ion:200 Resp: 147083

Ion Ratio Lower Upper

200 100

173 27.3 4.6 44.6

215 47.2 26.2 66.2



#70

Pentachlorophenol

Concen: 99.676 ng

RT: 16.969 min Scan# 2360

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

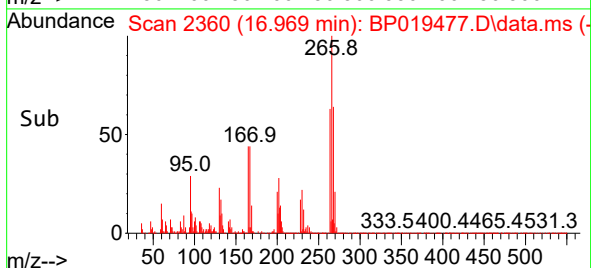
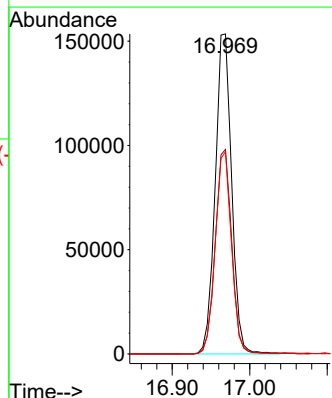
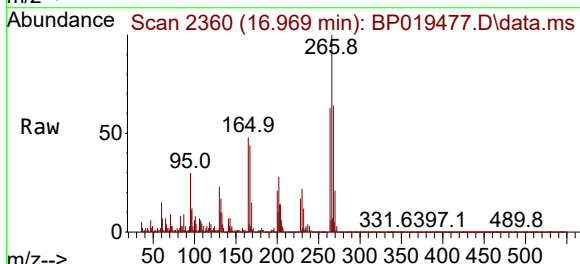
Tgt Ion:266 Resp: 226929

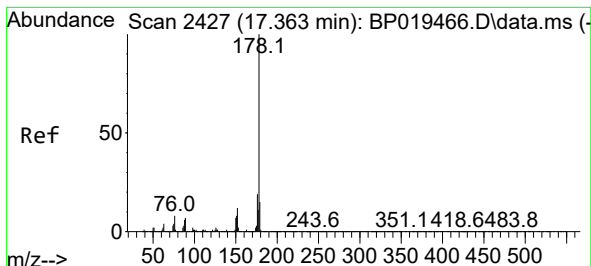
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.2 48.0 72.0





#71

Phenanthrene

Concen: 97.640 ng

RT: 17.369 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

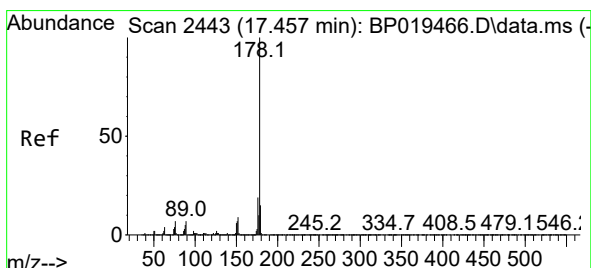
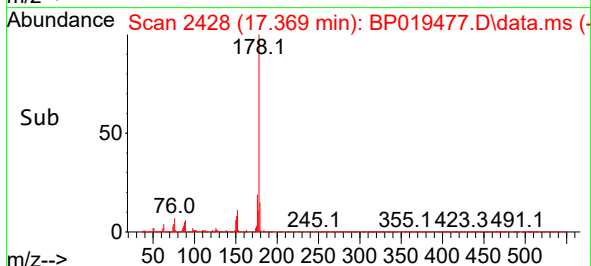
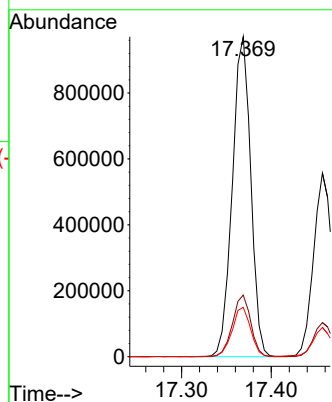
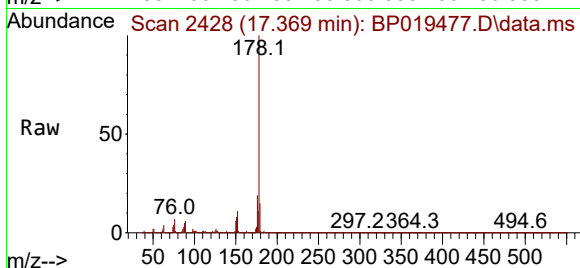
Tgt Ion:178 Resp: 1381945

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 15.4 12.0 18.0



#72

Anthracene

Concen: 56.307 ng

RT: 17.457 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

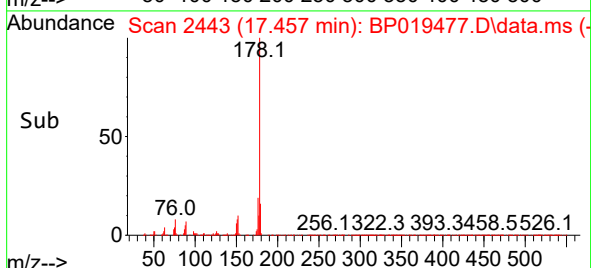
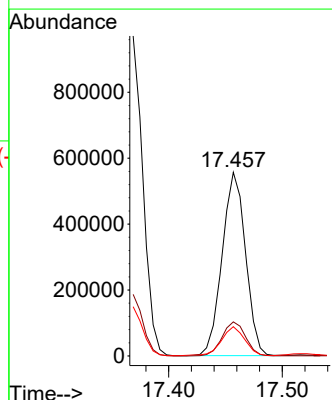
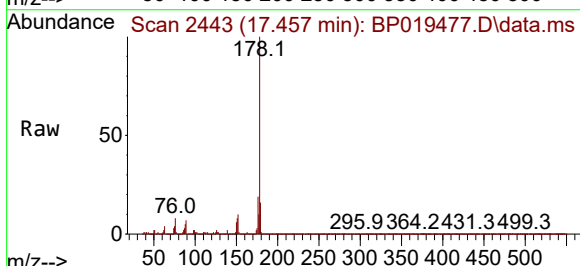
Tgt Ion:178 Resp: 795647

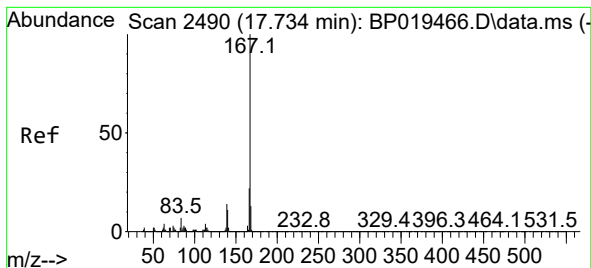
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 16.0 12.2 18.2





#73

Carbazole

Concen: 51.844 ng

RT: 17.733 min Scan# 2490

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

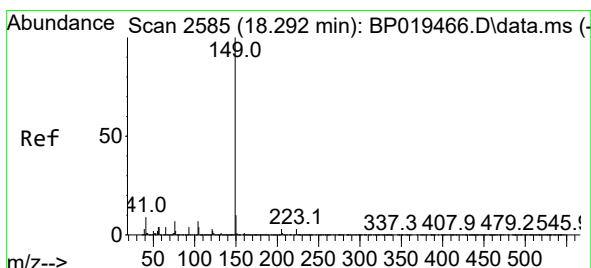
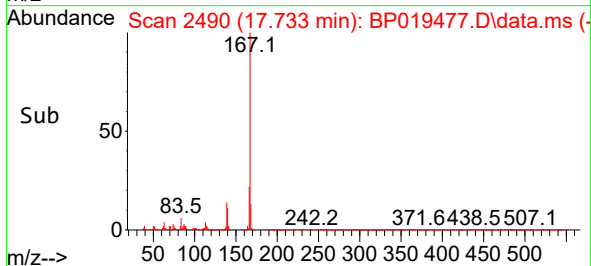
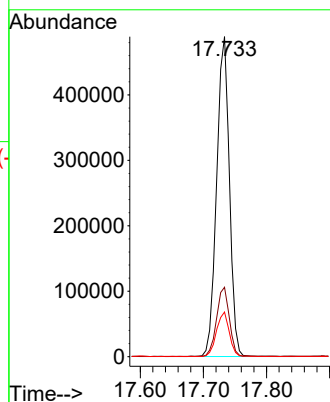
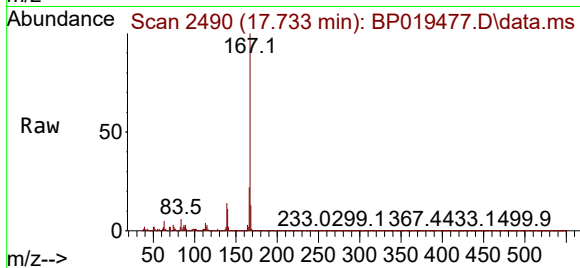
Tgt Ion:167 Resp: 683493

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 14.0 10.8 16.2



#74

Di-n-butylphthalate

Concen: 46.657 ng

RT: 18.292 min Scan# 2585

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

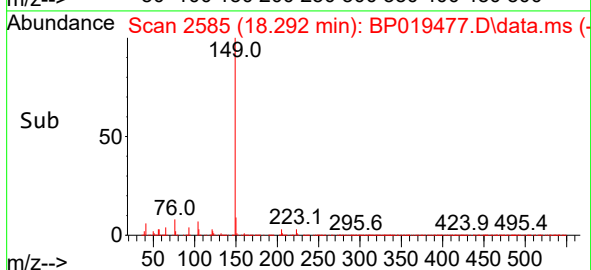
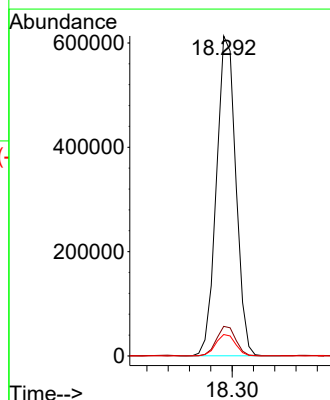
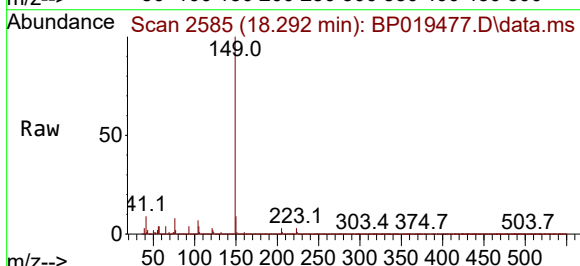
Tgt Ion:149 Resp: 773320

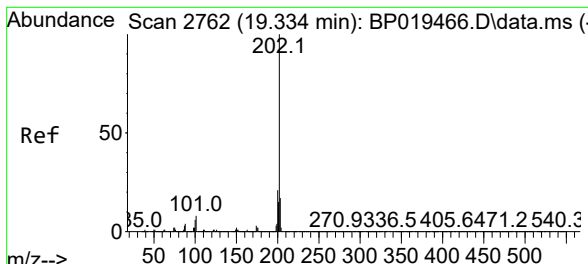
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 6.7 5.2 7.8



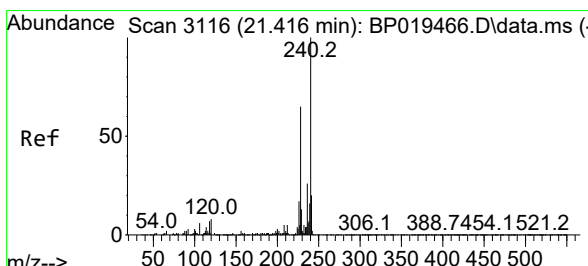
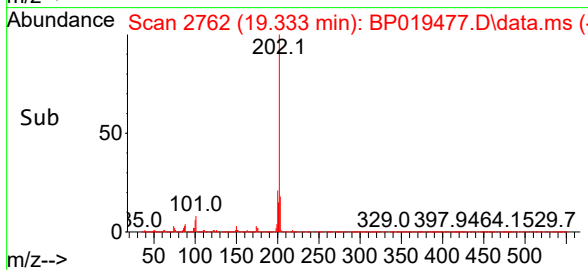
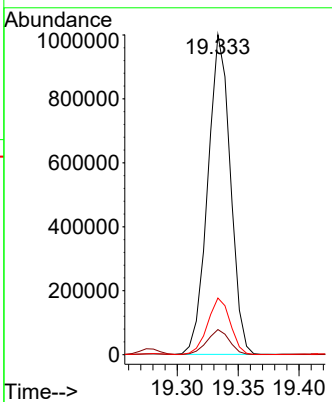
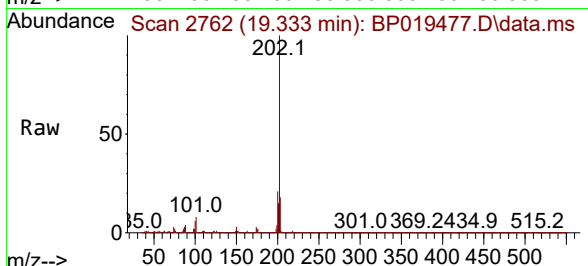


#75
 Fluoranthene
 Concen: 75.277 ng
 RT: 19.333 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP019477.D
 Acq: 29 Jan 2024 21:35

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-01252024MSD

Tgt Ion: 202 Resp: 1289791

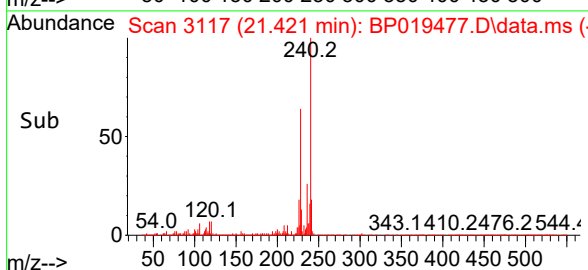
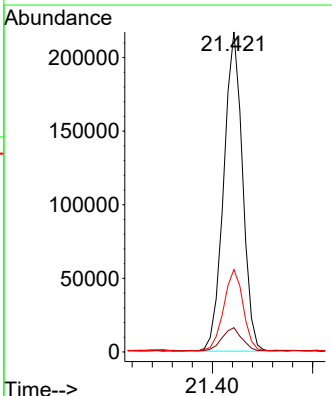
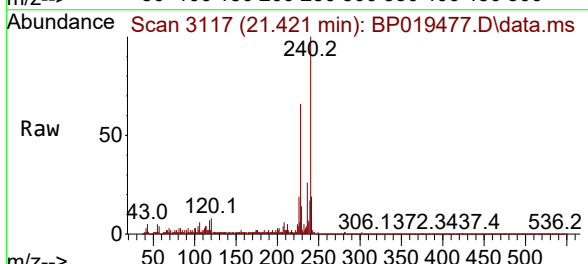
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.7	0.0	37.3

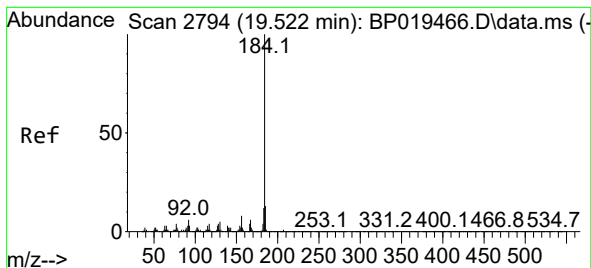


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3117
 Delta R.T. 0.006 min
 Lab File: BP019477.D
 Acq: 29 Jan 2024 21:35

Tgt Ion: 240 Resp: 281677

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.1	9.1
236	25.8	20.6	31.0





#77

Benzidine

Concen: 64.063 ng

RT: 19.527 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

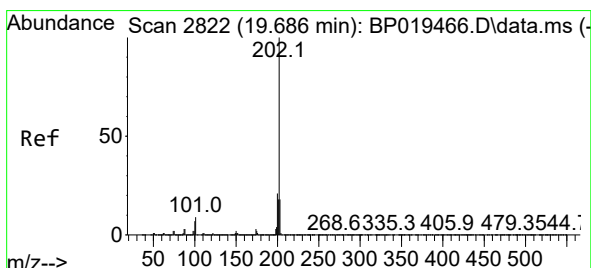
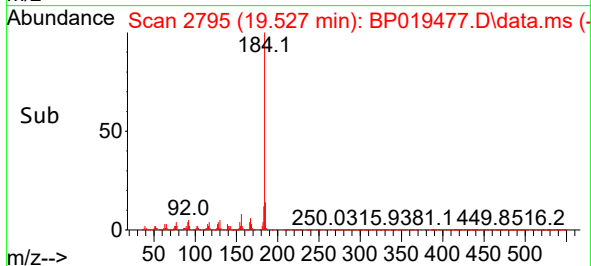
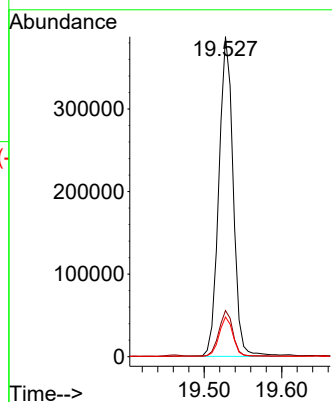
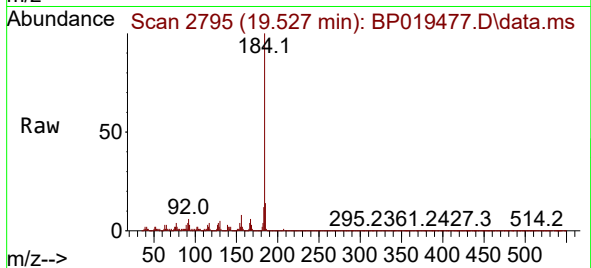
Tgt Ion:184 Resp: 498242

Ion Ratio Lower Upper

184 100

185 14.4 10.3 15.5

183 12.4 9.8 14.6



#78

Pyrene

Concen: 52.660 ng

RT: 19.686 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

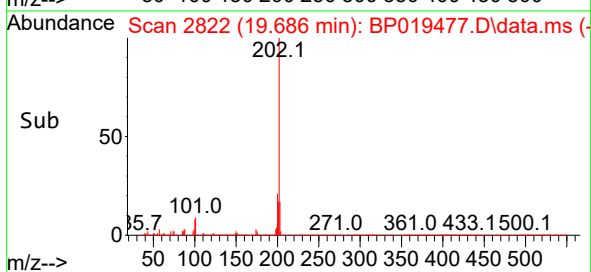
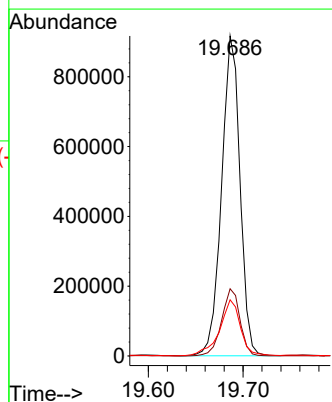
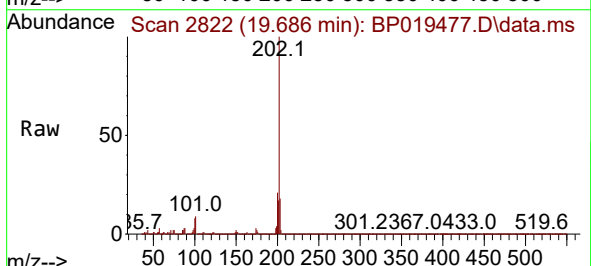
Tgt Ion:202 Resp: 1237751

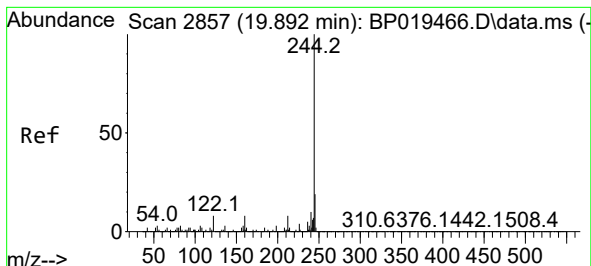
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 50.533 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

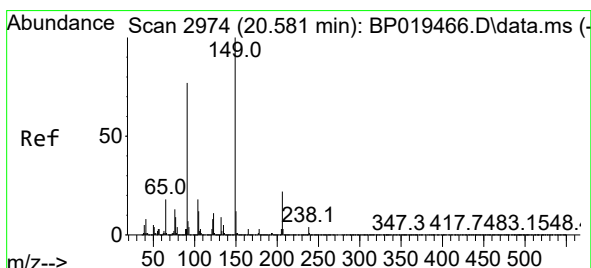
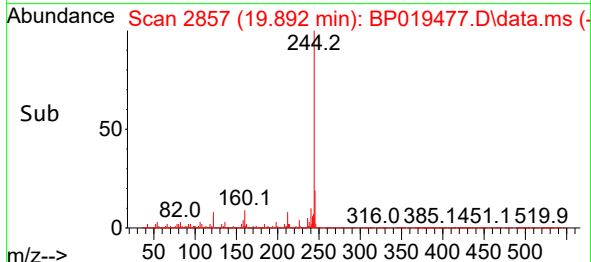
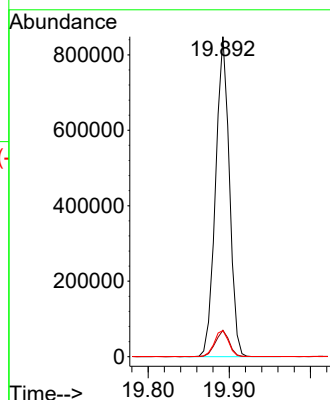
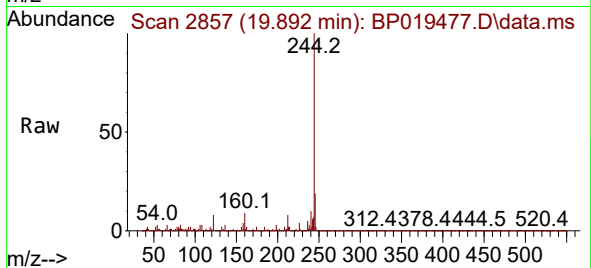
Tgt Ion:244 Resp: 999077

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

122 8.2 6.5 9.7



#80

Butylbenzylphthalate

Concen: 43.980 ng

RT: 20.580 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

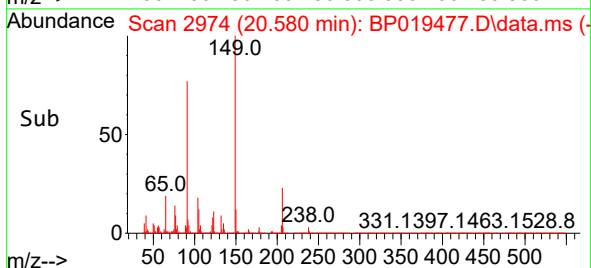
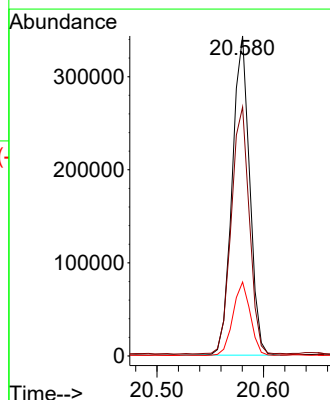
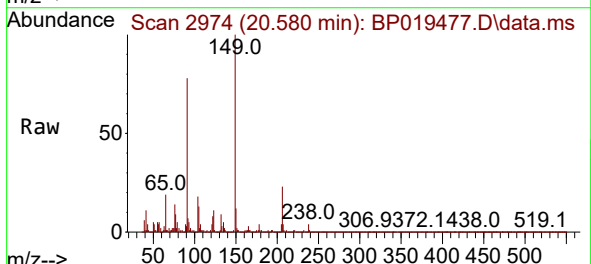
Tgt Ion:149 Resp: 391106

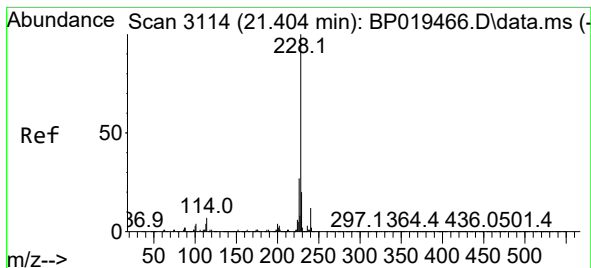
Ion Ratio Lower Upper

149 100

91 77.8 62.0 93.0

206 23.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 54.590 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

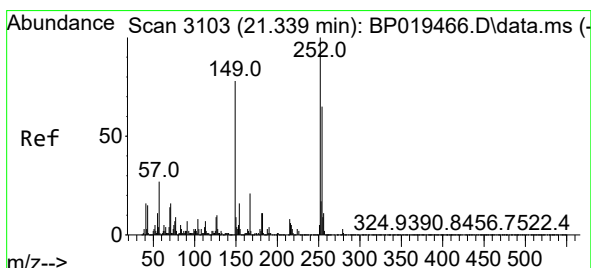
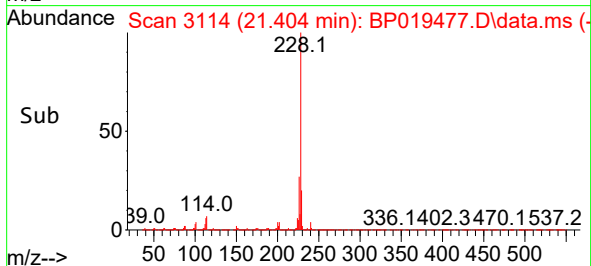
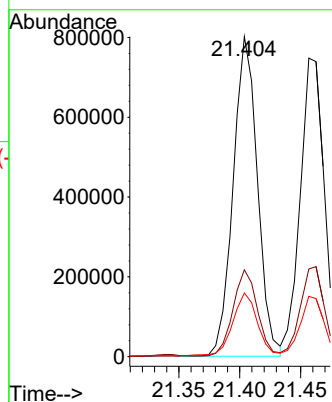
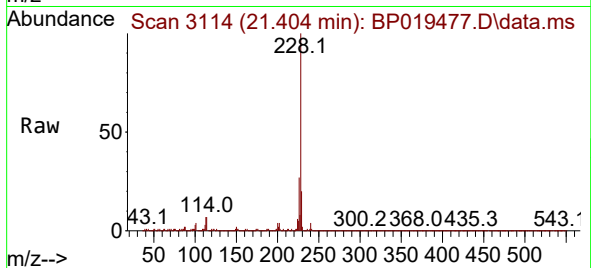
Tgt Ion:228 Resp: 1108242

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.218 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

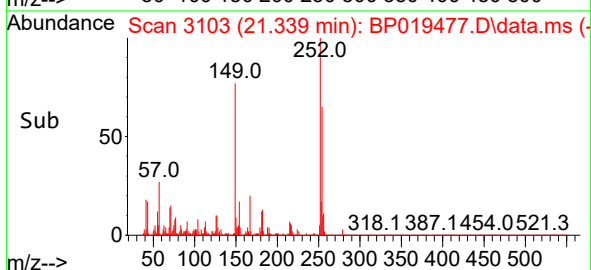
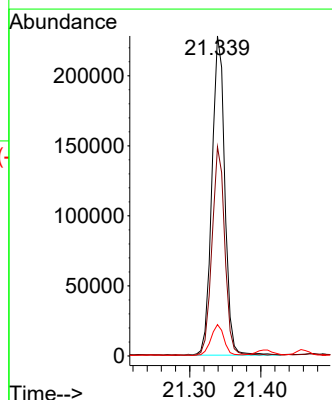
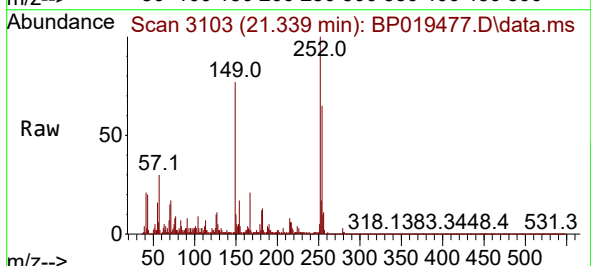
Tgt Ion:252 Resp: 288150

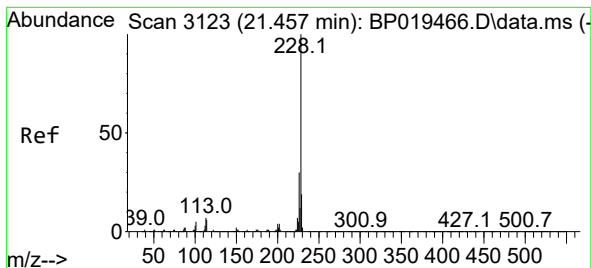
Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.6

126 9.8 7.4 11.2





#83

Chrysene

Concen: 53.707 ng

RT: 21.457 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

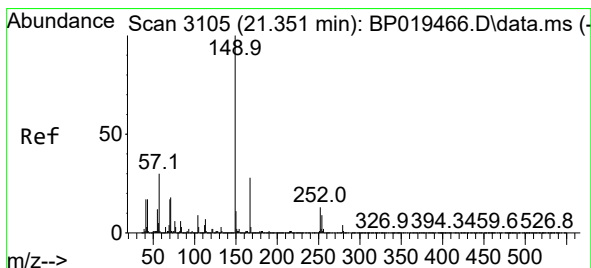
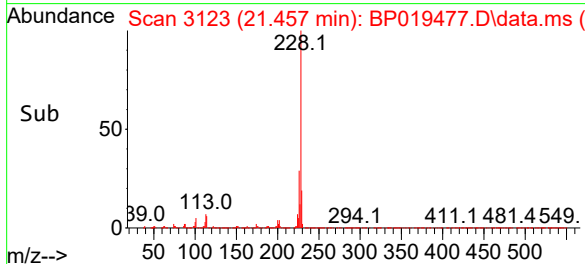
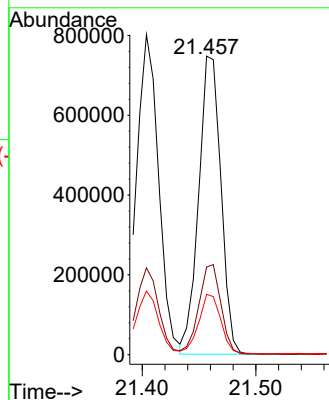
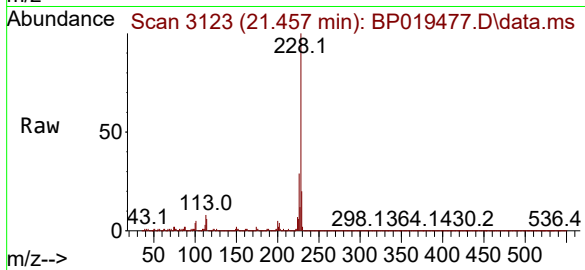
Tgt Ion:228 Resp: 1017027

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 20.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.010 ng

RT: 21.351 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

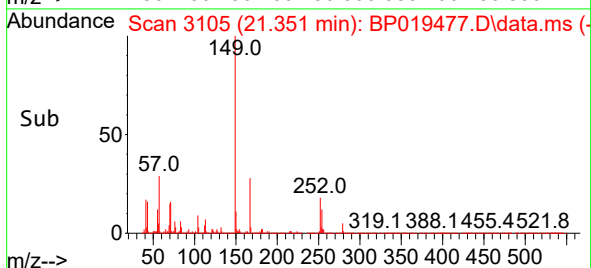
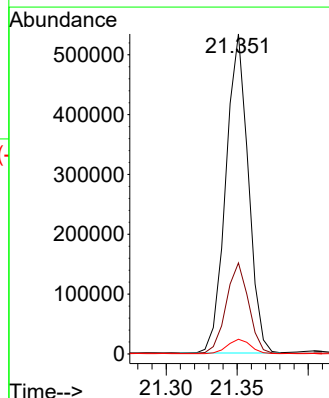
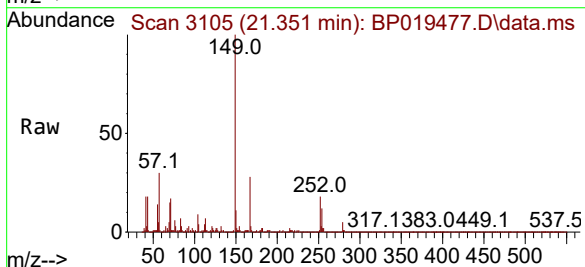
Tgt Ion:149 Resp: 585772

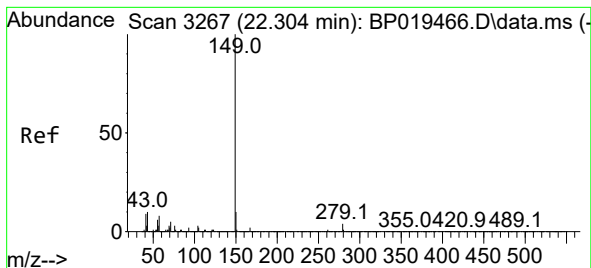
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 53.934 ng

RT: 22.304 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

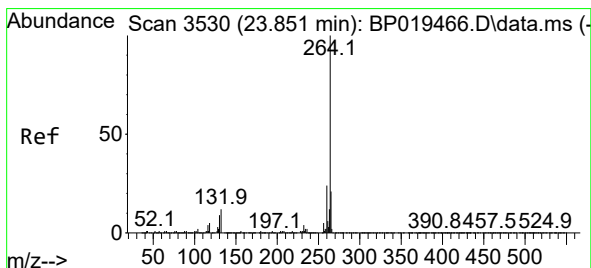
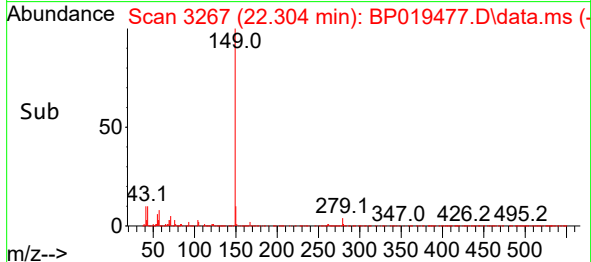
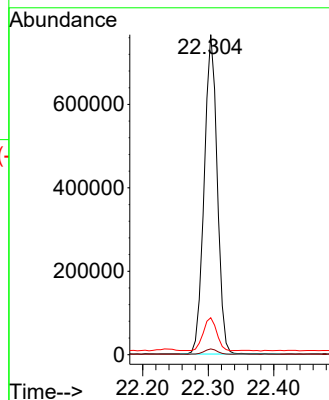
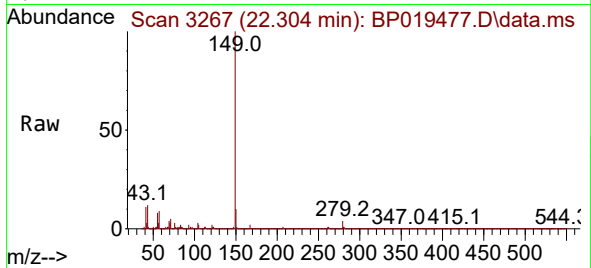
Tgt Ion:149 Resp: 1061333

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3531

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

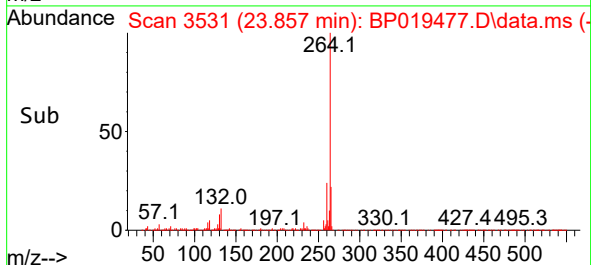
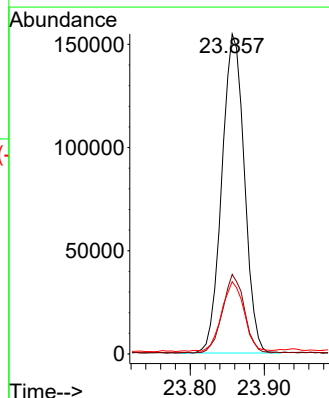
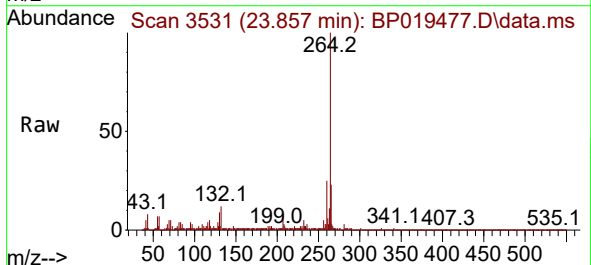
Tgt Ion:264 Resp: 325162

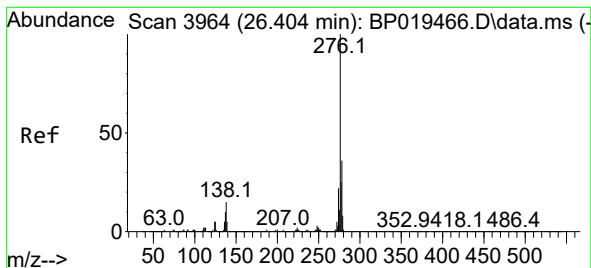
Ion Ratio Lower Upper

264 100

260 24.9 18.9 28.3

265 22.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.147 ng

RT: 26.421 min Scan# 3406

Delta R.T. 0.017 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

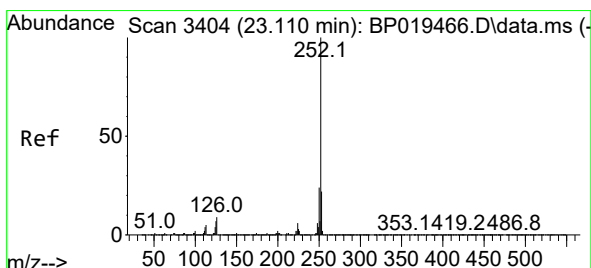
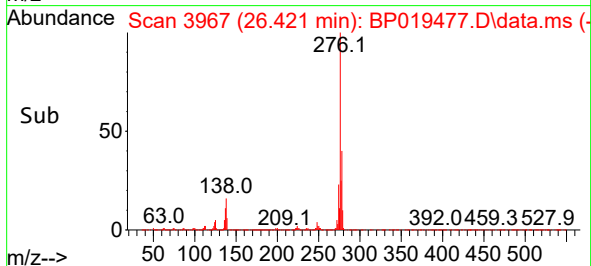
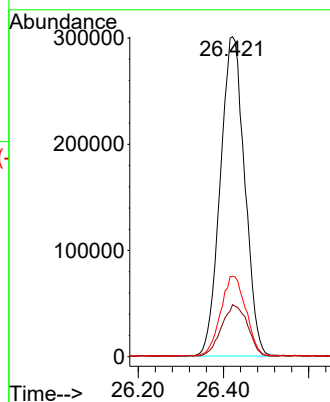
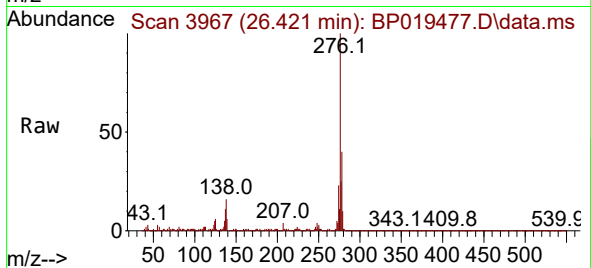
Tgt Ion:276 Resp: 1195196

Ion Ratio Lower Upper

276 100

138 17.1 14.2 21.4

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.515 ng

RT: 23.121 min Scan# 3406

Delta R.T. 0.011 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

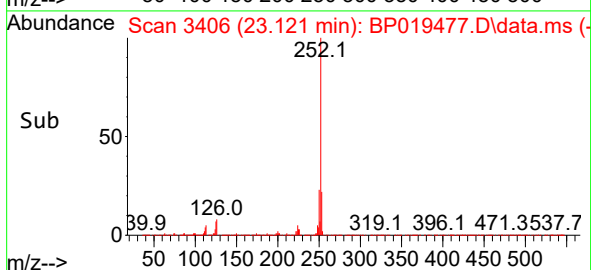
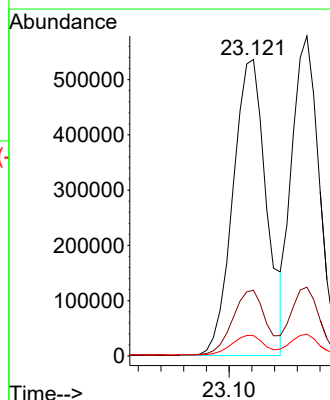
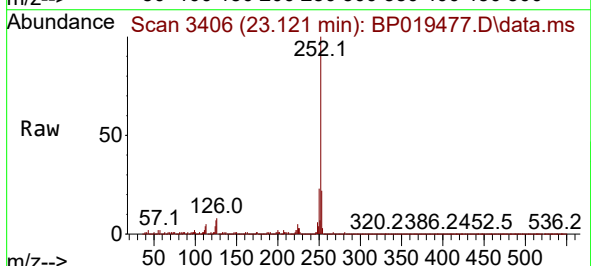
Tgt Ion:252 Resp: 1098309

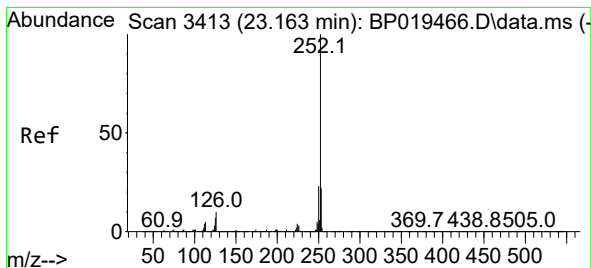
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 6.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.517 ng

RT: 23.168 min Scan# 3413

Delta R.T. 0.006 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

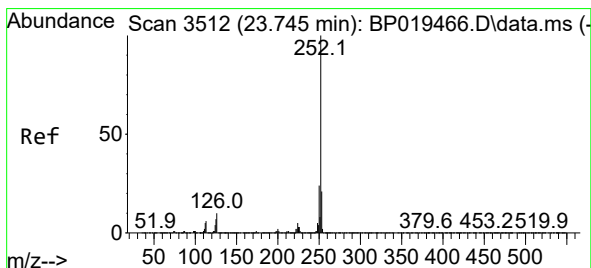
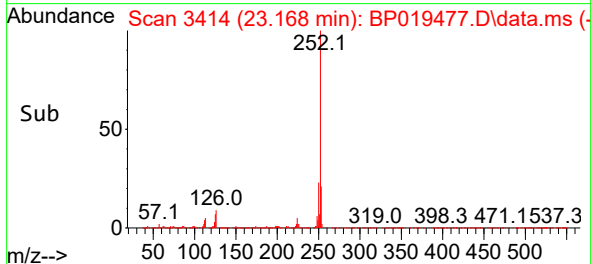
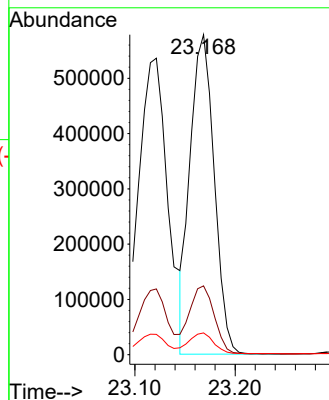
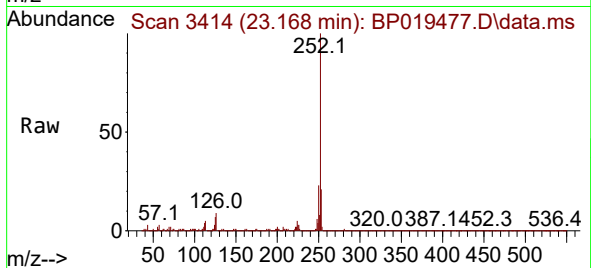
Tgt Ion:252 Resp: 964163

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 51.706 ng

RT: 23.757 min Scan# 3514

Delta R.T. 0.011 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

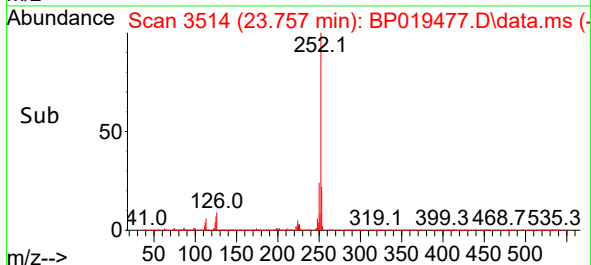
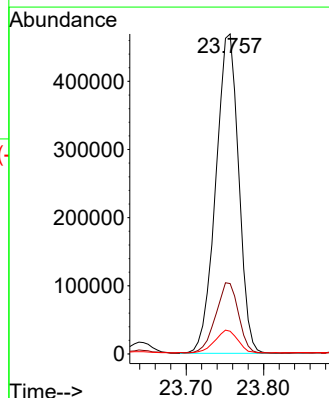
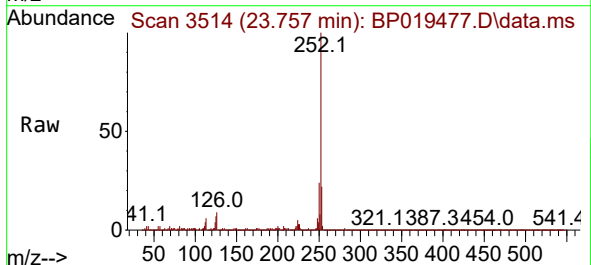
Tgt Ion:252 Resp: 960018

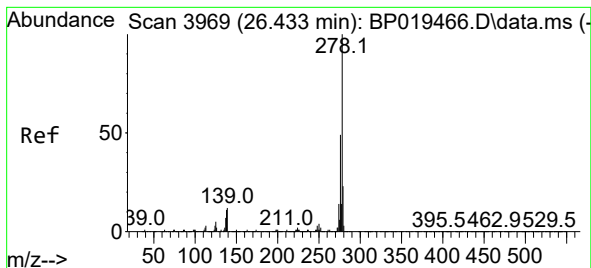
Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 7.1 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 54.297 ng

RT: 26.456 min Scan# 3969

Delta R.T. 0.023 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Instrument :

BNA_P

ClientSampleId :

SU-03-01252024MSD

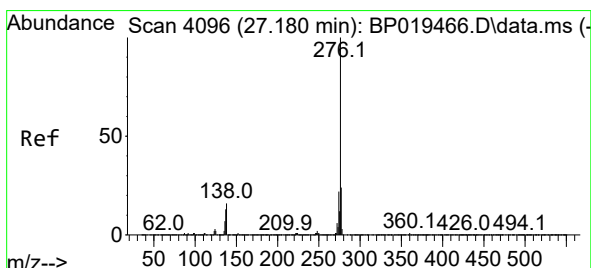
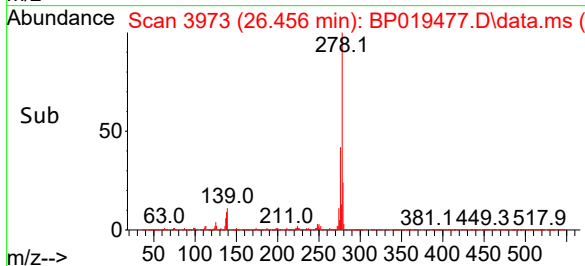
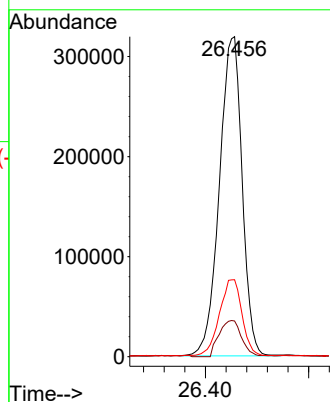
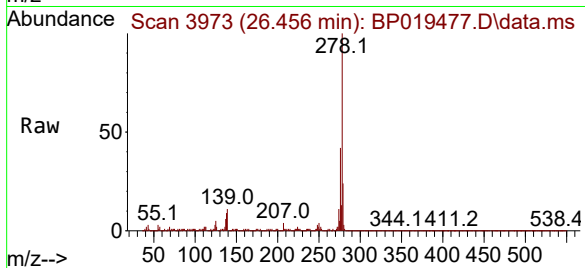
Tgt Ion:278 Resp: 974117

Ion Ratio Lower Upper

278 100

139 11.2 9.4 14.0

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 52.463 ng

RT: 27.203 min Scan# 4100

Delta R.T. 0.023 min

Lab File: BP019477.D

Acq: 29 Jan 2024 21:35

Tgt Ion:276 Resp: 936946

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 13.6 13.1 19.7

