

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019552.D
 Acq On : 03 Feb 2024 05:27
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 03 05:55:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	74972	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	277505	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	191217	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	466684	20.000	ng	0.00
76) Chrysene-d12	21.398	240	544358	20.000	ng	0.00
86) Perylene-d12	23.816	264	647918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	367869	79.093	ng	-0.01
7) Phenol-d6	7.075	99	479374	76.438	ng	-0.01
23) Nitrobenzene-d5	9.075	82	509791	79.602	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	256649	91.926	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1181688	76.397	ng	0.00
79) Terphenyl-d14	19.869	244	2506939	75.736	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	75009	41.858	ng	98
3) Pyridine	3.781	79	181498	37.358	ng	99
4) n-Nitrosodimethylamine	3.705	42	95013	44.920	ng	92
6) Aniline	7.240	93	230987	37.906	ng	97
8) 2-Chlorophenol	7.469	128	185096	38.762	ng	98
9) Benzaldehyde	7.052	77	140267	31.901	ng	97
10) Phenol	7.105	94	235654	37.701	ng	92
11) bis(2-Chloroethyl)ether	7.346	93	179127	36.835	ng	98
12) 1,3-Dichlorobenzene	7.793	146	229400	39.261	ng	98
13) 1,4-Dichlorobenzene	7.946	146	230450	38.929	ng	99
14) 1,2-Dichlorobenzene	8.258	146	220629	38.520	ng	98
15) Benzyl Alcohol	8.158	79	193009	38.518	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	177582	36.518	ng	100
17) 2-Methylphenol	8.352	107	160425	38.123	ng	96
18) Hexachloroethane	8.981	117	89354	38.942	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	158149	36.919	ng	97
20) 3+4-Methylphenols	8.687	107	219646	38.245	ng	94
22) Acetophenone	8.740	105	304264	38.487	ng	# 97
24) Nitrobenzene	9.122	77	257286	39.901	ng	100
25) Isophorone	9.646	82	435925	39.085	ng	99
26) 2-Nitrophenol	9.822	139	98842	40.202	ng	99
27) 2,4-Dimethylphenol	9.887	122	125738	39.995	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	245255	38.865	ng	99
29) 2,4-Dichlorophenol	10.357	162	192779	40.565	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	235004	40.330	ng	98
31) Naphthalene	10.757	128	605306	39.771	ng	100
32) Benzoic acid	10.022	122	130281	42.533	ng	94
33) 4-Chloroaniline	10.881	127	229471	40.769	ng	98
34) Hexachlorobutadiene	11.034	225	176492	40.873	ng	98
35) Caprolactam	11.669	113	60145	44.705	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	218416	42.150	ng	98
37) 2-Methylnaphthalene	12.369	142	426925	40.532	ng	97
38) 1-Methylnaphthalene	12.587	142	425392	41.098	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	278999	37.833	ng	100
41) Hexachlorocyclopentadiene	12.704	237	130951	39.308	ng	96
43) 2,4,6-Trichlorophenol	12.981	196	174547	39.088	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019552.D
 Acq On : 03 Feb 2024 05:27
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

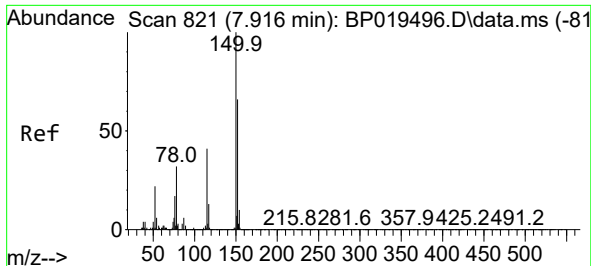
Quant Time: Feb 03 05:55:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	200345	40.858	ng	97
46) 1,1'-Biphenyl	13.387	154	578033	37.875	ng	100
47) 2-Chloronaphthalene	13.422	162	478131	38.165	ng	99
48) 2-Nitroaniline	13.634	65	149527	42.684	ng	96
49) Acenaphthylene	14.269	152	698677	39.751	ng	100
50) Dimethylphthalate	14.016	163	607917	41.529	ng	99
51) 2,6-Dinitrotoluene	14.140	165	136710	42.508	ng	99
52) Acenaphthene	14.610	154	430665	39.479	ng	98
53) 3-Nitroaniline	14.463	138	131174	44.381	ng	95
54) 2,4-Dinitrophenol	14.663	184	76674	45.917	ng	99
55) Dibenzofuran	14.945	168	730382	41.108	ng	99
56) 4-Nitrophenol	14.763	139	113504	46.853	ng	96
57) 2,4-Dinitrotoluene	14.922	165	195173	46.310	ng	96
58) Fluorene	15.598	166	605608	42.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	181745	44.065	ng	99
60) Diethylphthalate	15.387	149	638437	43.849	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	335327	42.160	ng	99
62) 4-Nitroaniline	15.628	138	146135	47.170	ng	92
63) Azobenzene	15.892	77	607267	43.131	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	112020	42.096	ng	96
66) n-Nitrosodiphenylamine	15.816	169	513303	36.726	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	215213	36.889	ng	98
68) Hexachlorobenzene	16.592	284	259433	38.079	ng	99
69) Atrazine	16.775	200	189926	40.951	ng	97
70) Pentachlorophenol	16.939	266	180550	42.555	ng	99
71) Phenanthrene	17.345	178	976357	39.754	ng	99
72) Anthracene	17.434	178	985519	40.225	ng	100
73) Carbazole	17.710	167	942743	42.357	ng	100
74) Di-n-butylphthalate	18.275	149	1141402	42.413	ng	100
75) Fluoranthene	19.310	202	1341901	44.726	ng	100
77) Benzidine	19.504	184	552415	48.540	ng	98
78) Pyrene	19.663	202	1409447	36.687	ng	100
80) Butylbenzylphthalate	20.557	149	547256	38.144	ng	99
81) Benzo(a)anthracene	21.380	228	1512256	39.465	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	553308	39.626	ng	98
83) Chrysene	21.433	228	1423003	39.115	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	833233	38.139	ng	100
85) Di-n-octyl phthalate	22.275	149	1458072	37.933	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1901620	38.342	ng	99
88) Benzo(b)fluoranthene	23.080	252	1642320	40.218	ng	100
89) Benzo(k)fluoranthene	23.127	252	1552463	39.799	ng	99
90) Benzo(a)pyrene	23.710	252	1452253	39.969	ng	100
91) Dibenzo(a,h)anthracene	26.380	278	1562501	38.306	ng	99
92) Benzo(g,h,i)perylene	27.127	276	1575393	38.069	ng	99

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

Quant Time: Feb 03 05:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

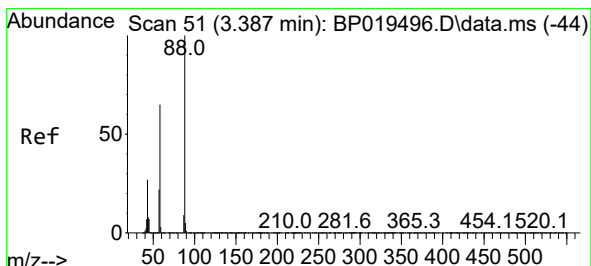
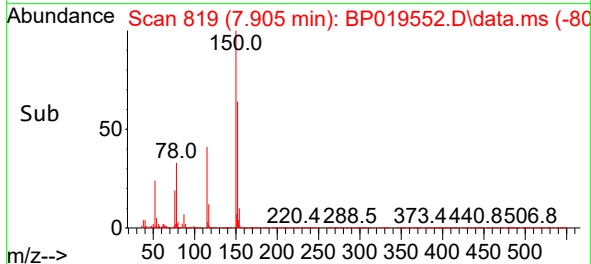
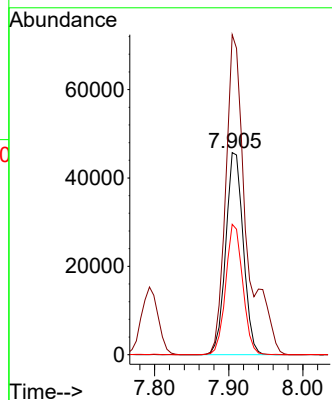
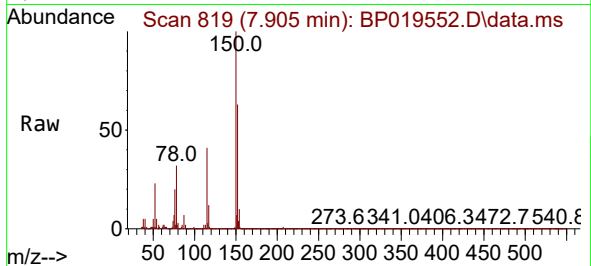




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

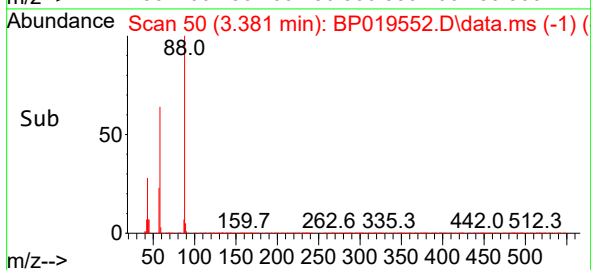
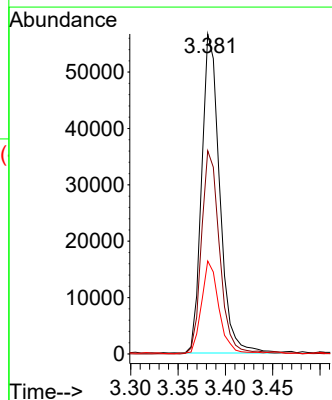
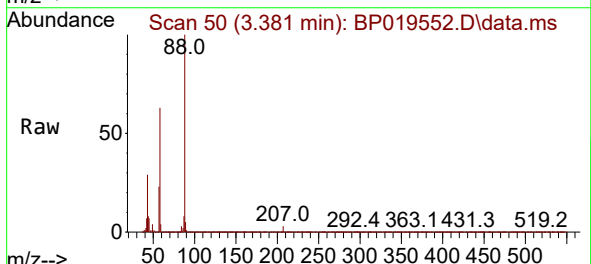
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

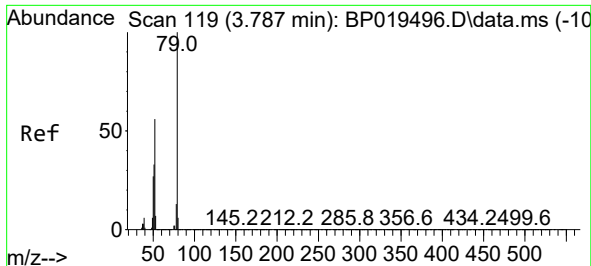
Tgt Ion:152 Resp: 74972
Ion Ratio Lower Upper
152 100
150 158.4 121.8 182.8
115 64.6 49.9 74.9



#2
1,4-Dioxane
Concen: 41.858 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 88 Resp: 75009
Ion Ratio Lower Upper
88 100
58 64.5 52.6 78.8
43 28.4 21.9 32.9

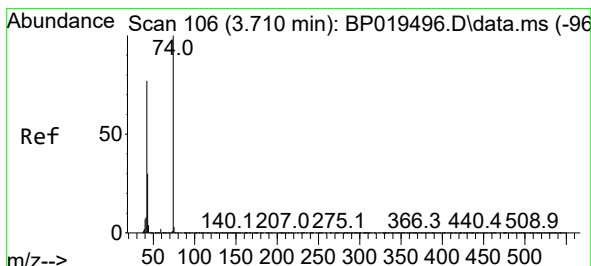
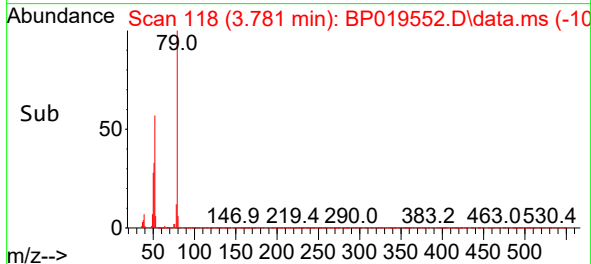
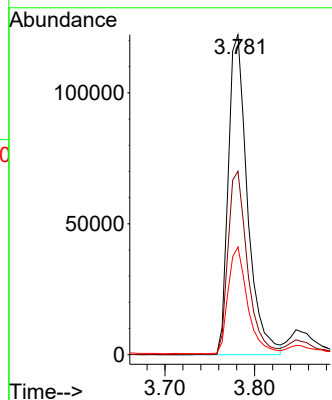
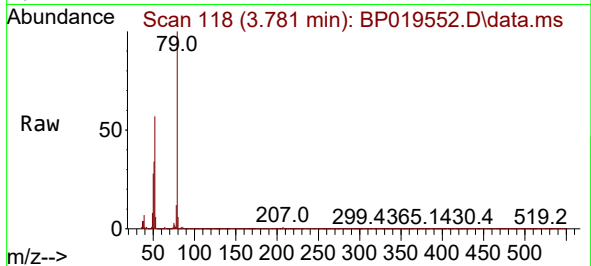




#3
Pyridine
Concen: 37.358 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

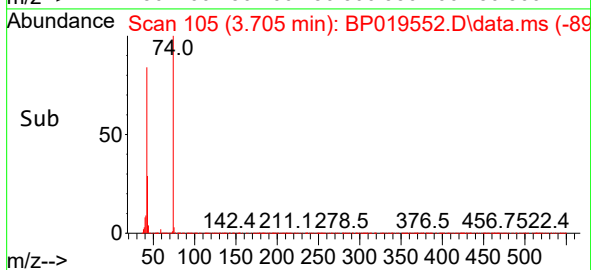
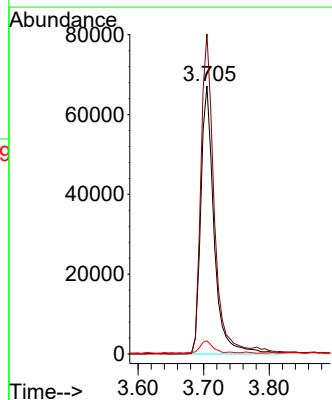
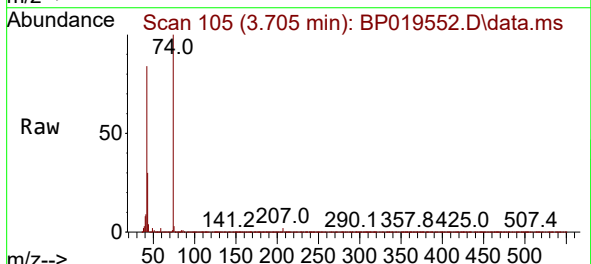
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

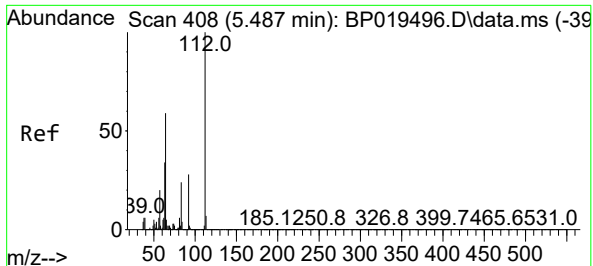
Tgt Ion: 79 Resp: 181498
Ion Ratio Lower Upper
79 100
52 57.3 45.0 67.6
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 44.920 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 42 Resp: 95013
Ion Ratio Lower Upper
42 100
74 119.4 103.4 155.2
44 4.9 4.8 7.2

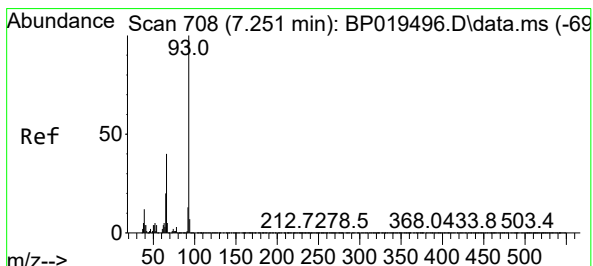
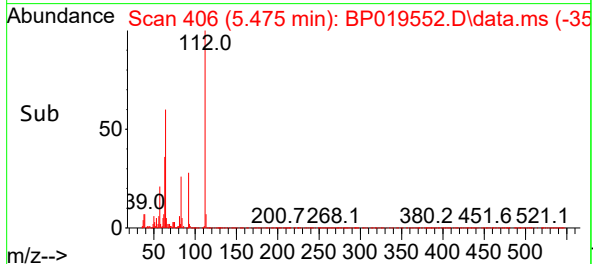
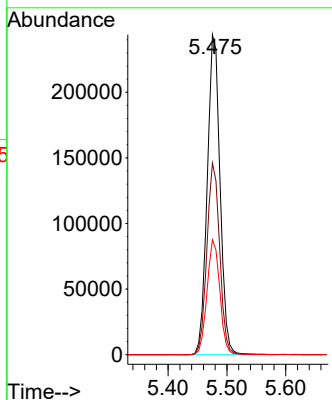
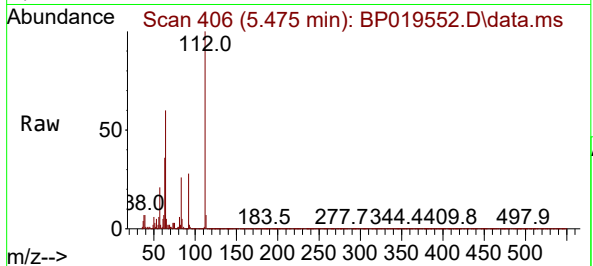




#5
2-Fluorophenol
Concen: 79.093 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

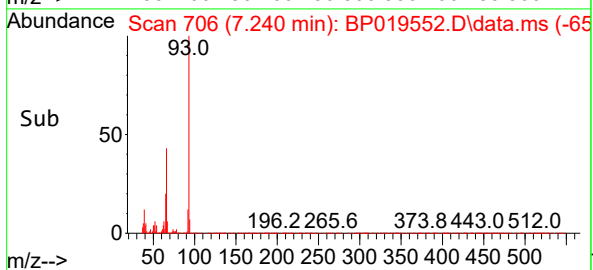
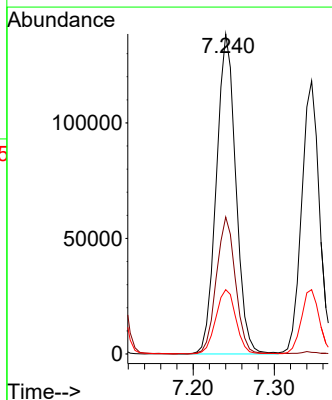
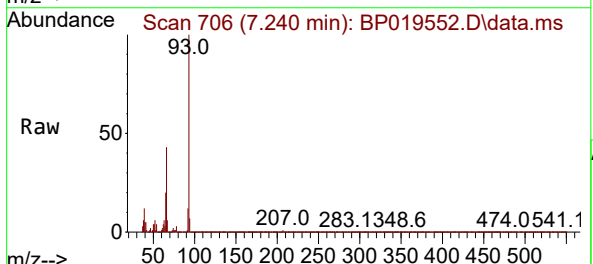
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

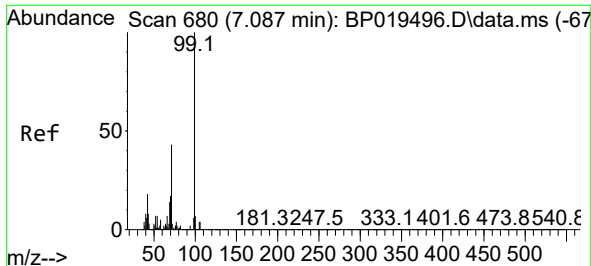
Tgt Ion:112 Resp: 367869
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 35.9 27.0 40.6



#6
Aniline
Concen: 37.906 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 93 Resp: 230987
Ion Ratio Lower Upper
93 100
66 42.8 32.3 48.5
65 20.1 16.4 24.6

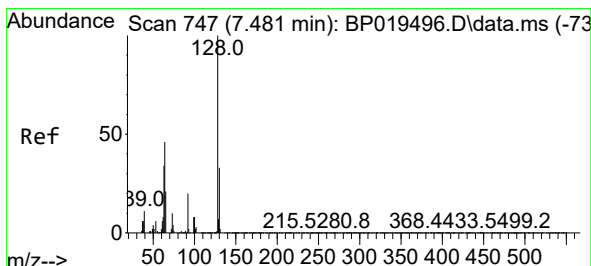
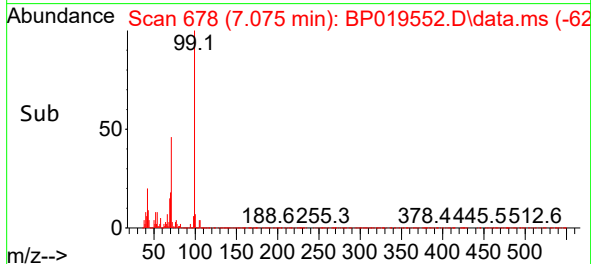
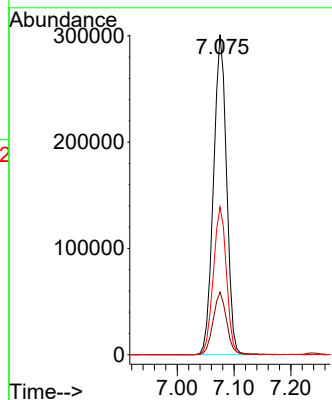
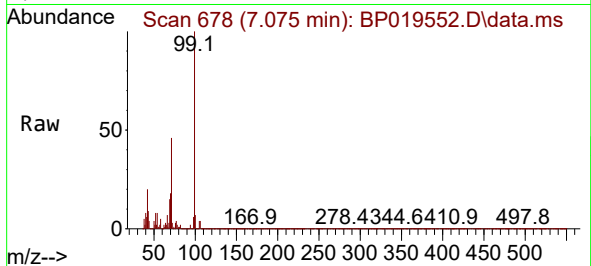




#7
Phenol-d6
Concen: 76.438 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

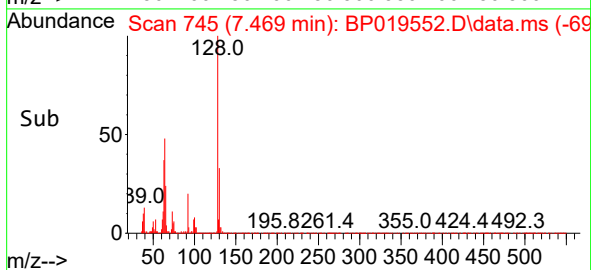
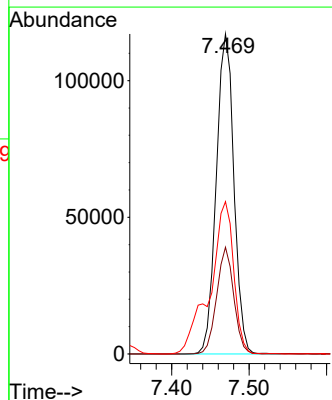
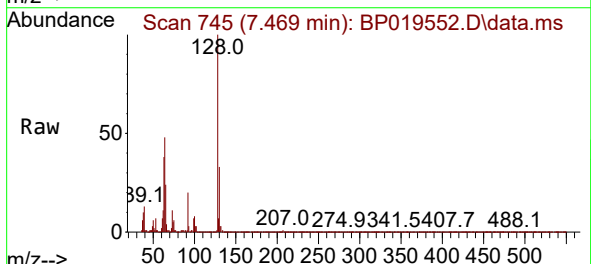
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

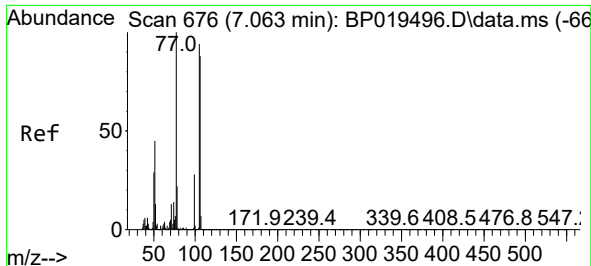
Tgt Ion: 99 Resp: 479374
Ion Ratio Lower Upper
99 100
42 19.6 14.7 22.1
71 46.1 34.8 52.2



#8
2-Chlorophenol
Concen: 38.762 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 128 Resp: 185096
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 47.6 29.7 69.7

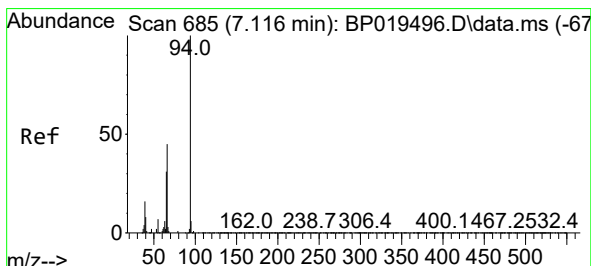
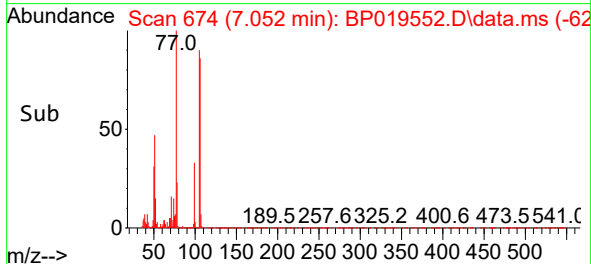
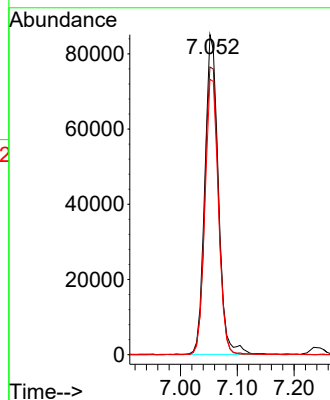
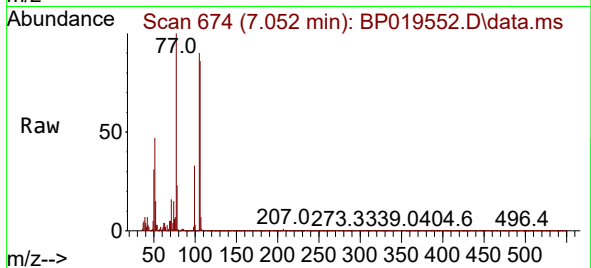




#9
Benzaldehyde
Concen: 31.901 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

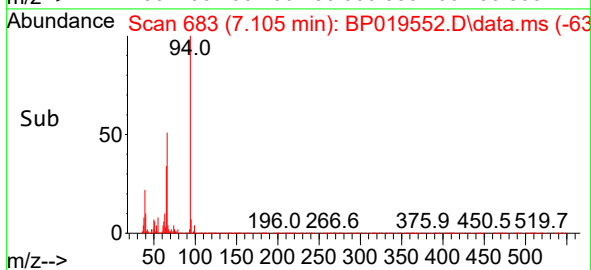
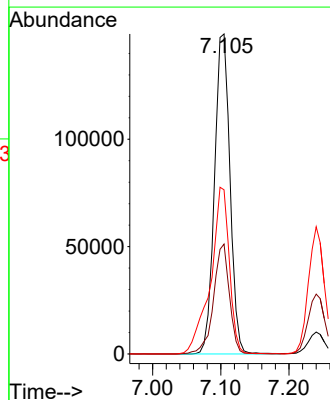
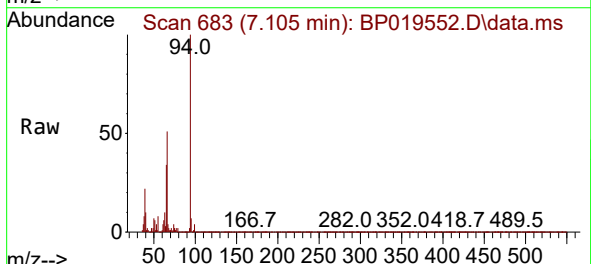
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

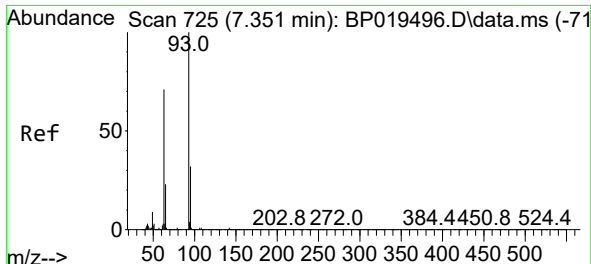
Tgt Ion: 77 Resp: 140267
Ion Ratio Lower Upper
77 100
105 89.9 74.0 114.0
106 86.0 67.8 107.8



#10
Phenol
Concen: 37.701 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 94 Resp: 235654
Ion Ratio Lower Upper
94 100
65 34.4 11.3 51.3
66 51.3 25.1 65.1

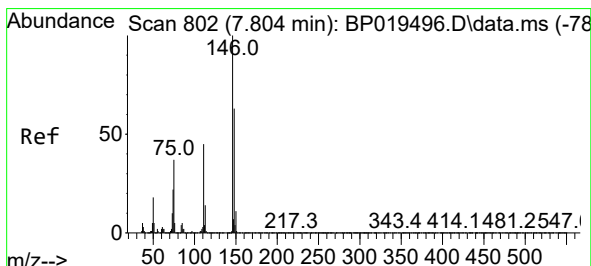
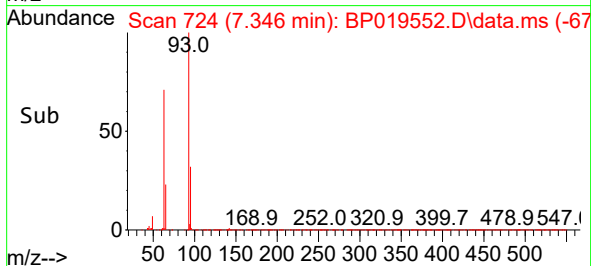
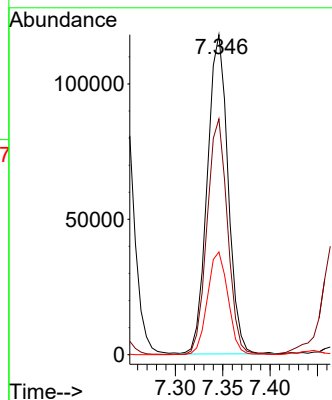
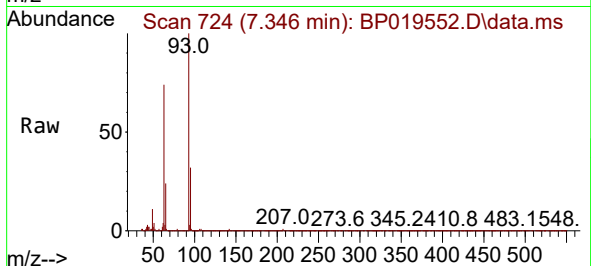




#11
bis(2-Chloroethyl)ether
Concen: 36.835 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

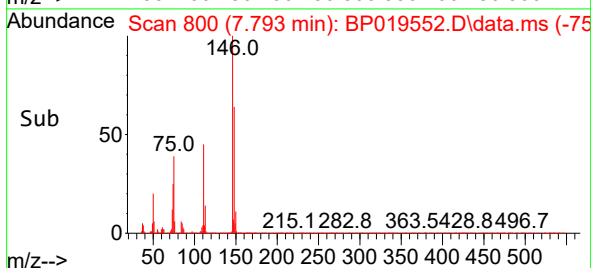
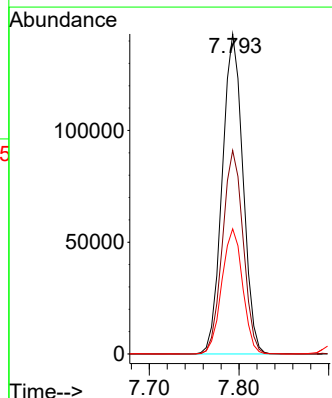
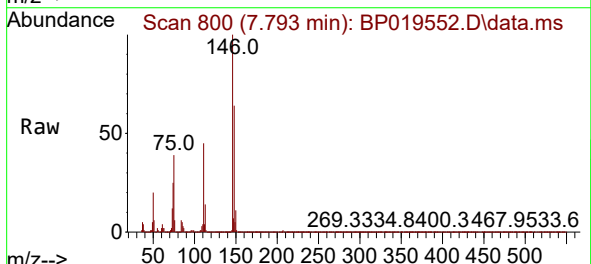
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

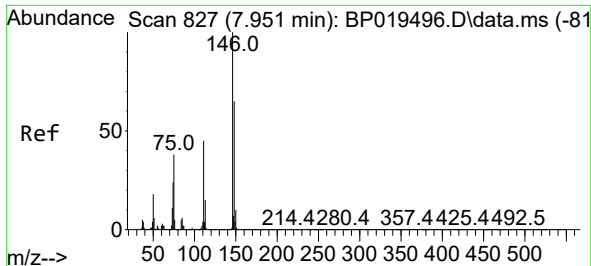
Tgt Ion: 93 Resp: 179127
Ion Ratio Lower Upper
93 100
63 73.7 51.2 91.2
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.261 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:146 Resp: 229400
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
75 39.1 29.9 44.9

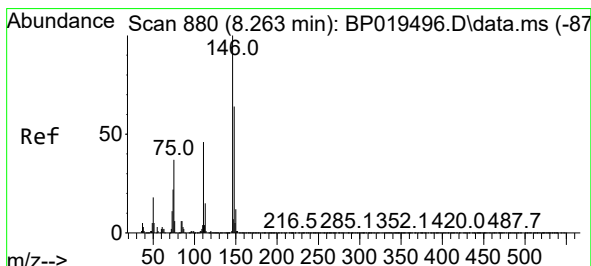
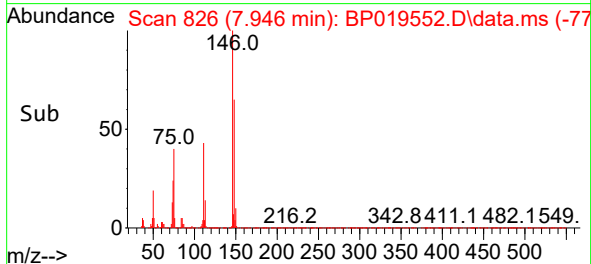
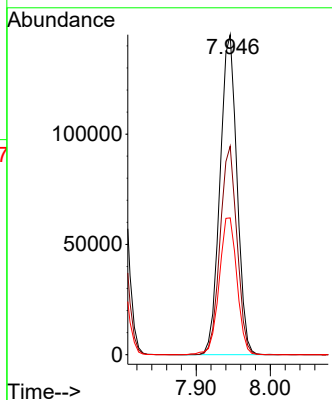
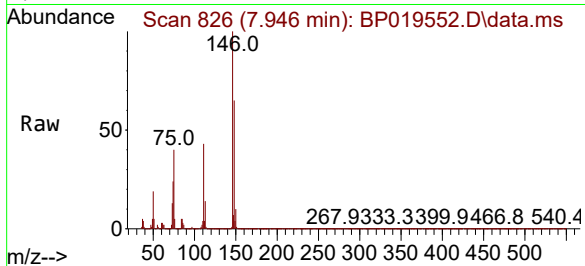




#13
1,4-Dichlorobenzene
Concen: 38.929 ng
RT: 7.946 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

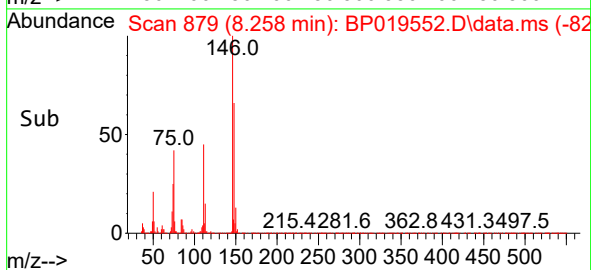
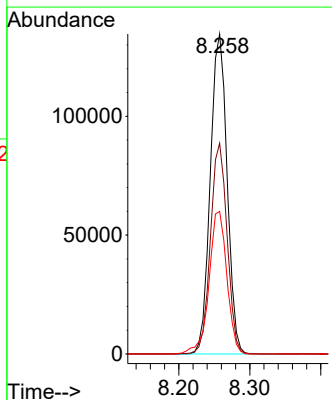
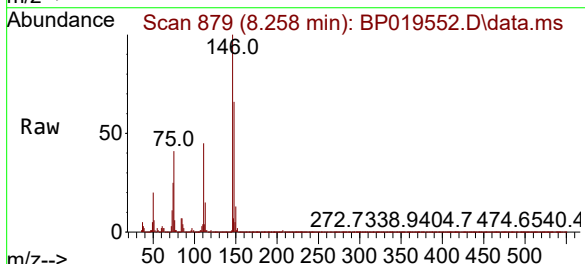
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

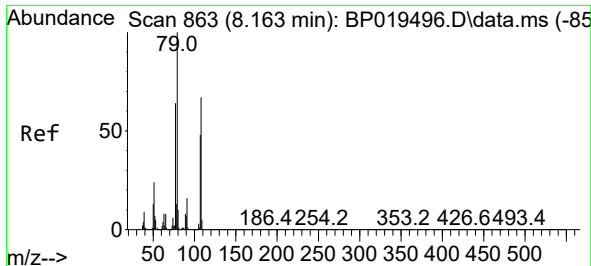
Tgt Ion:146 Resp: 230450
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 42.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 38.520 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:146 Resp: 220629
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
111 44.5 37.0 55.6

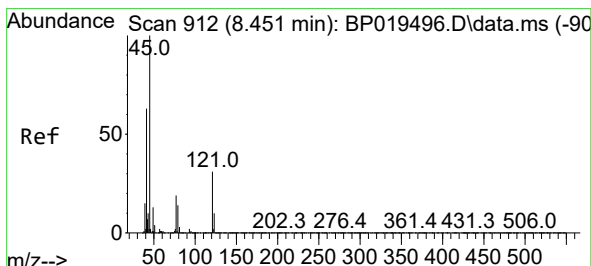
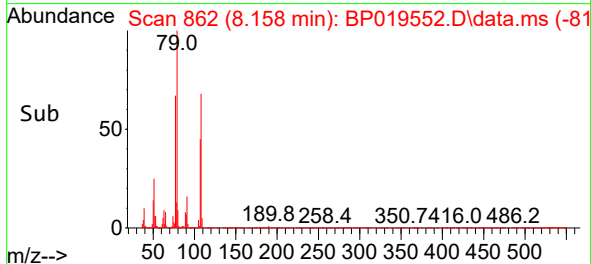
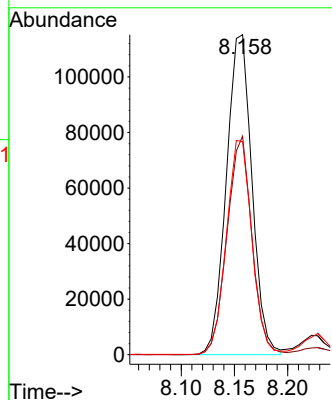
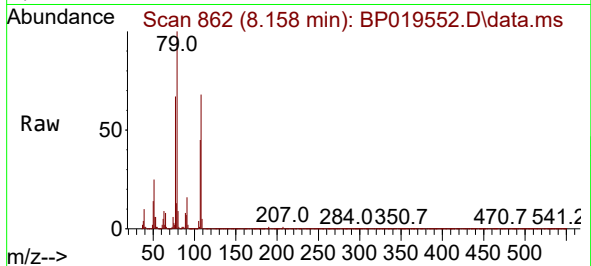




#15
Benzyl Alcohol
Concen: 38.518 ng
RT: 8.158 min Scan# 862
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

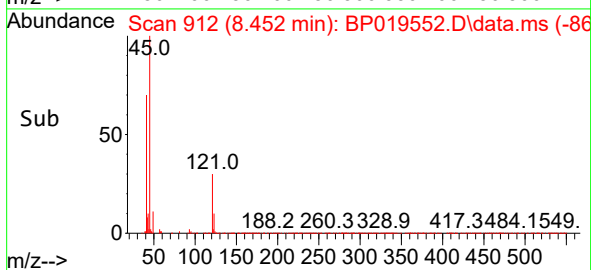
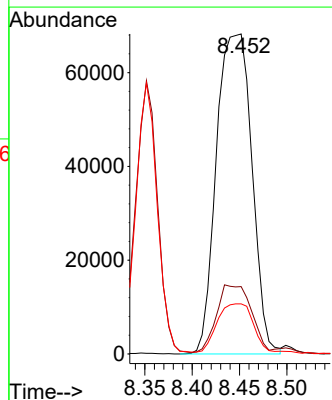
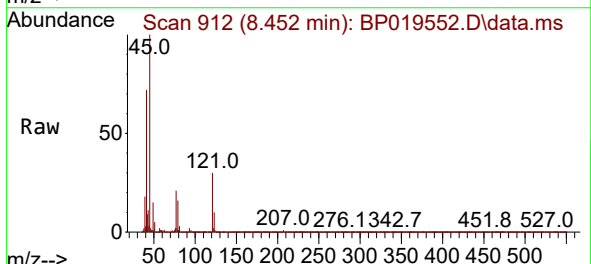
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

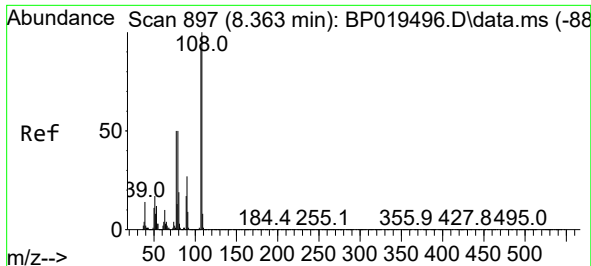
Tgt Ion: 79 Resp: 193009
Ion Ratio Lower Upper
79 100
108 68.3 53.8 80.6
77 66.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.518 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 45 Resp: 177582
Ion Ratio Lower Upper
45 100
77 21.1 0.8 40.8
79 15.7 0.0 35.5

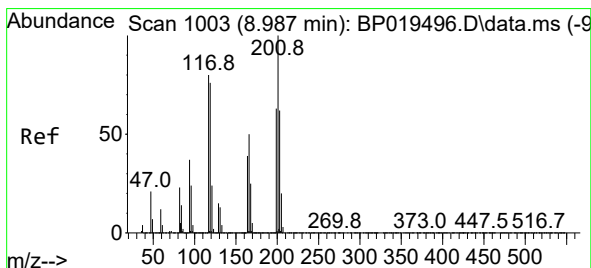
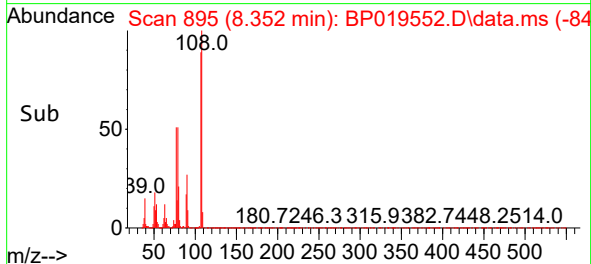
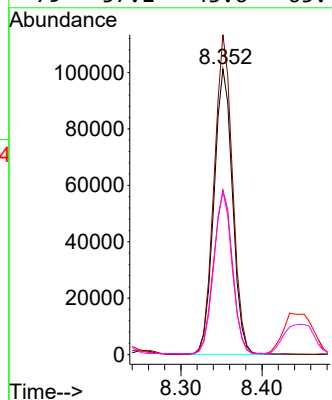
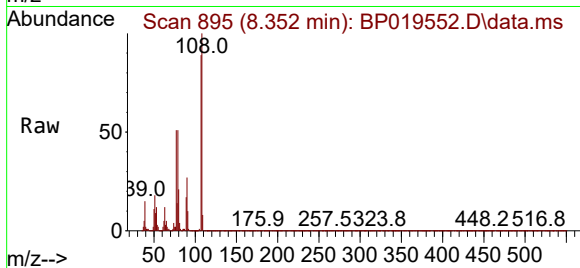




#17
2-Methylphenol
Concen: 38.123 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

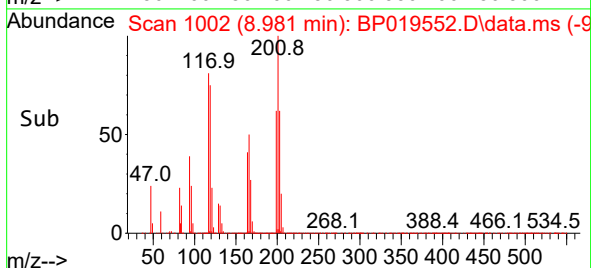
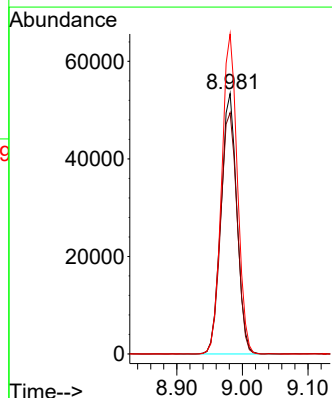
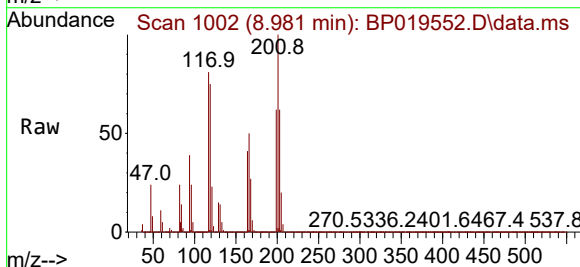
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

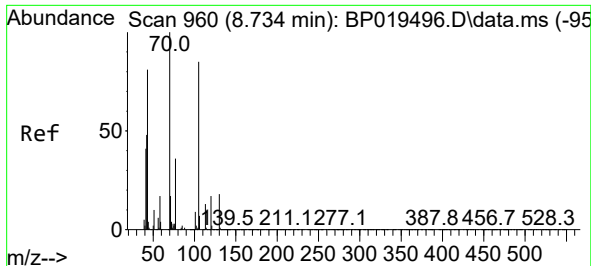
Tgt Ion:	107	Resp:	160425
Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.0	130.6
77	57.6	43.5	65.3
79	57.1	43.6	65.4



#18
Hexachloroethane
Concen: 38.942 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:	117	Resp:	89354
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.5	113.3
201	122.8	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.919 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 158149

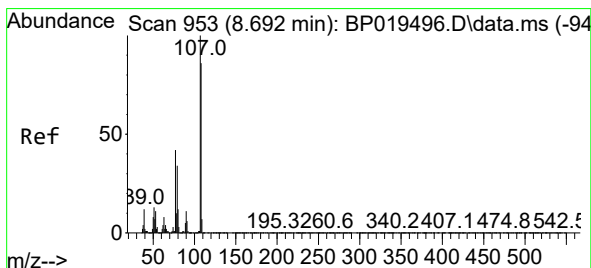
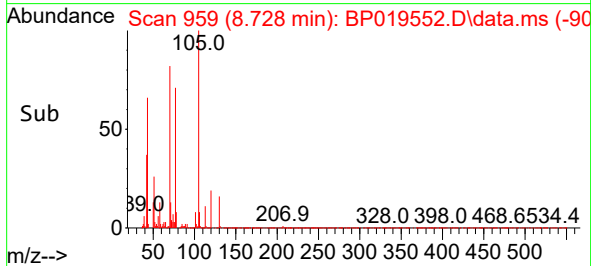
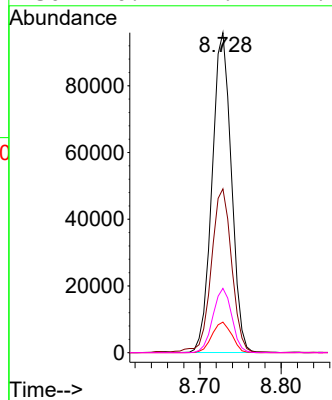
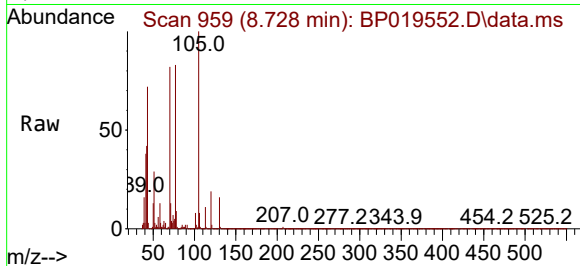
Ion Ratio Lower Upper

70 100

42 51.2 39.2 58.8

101 9.5 7.3 10.9

130 20.1 14.7 22.1



#20

3+4-Methylphenols

Concen: 38.245 ng

RT: 8.687 min Scan# 952

Delta R.T. -0.005 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Tgt Ion: 107 Resp: 219646

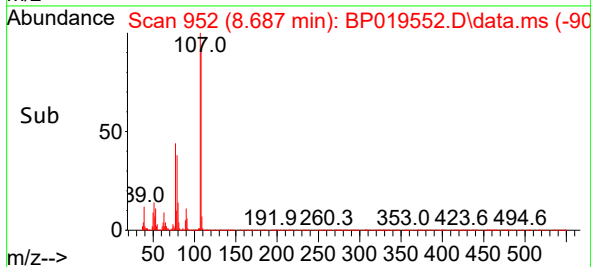
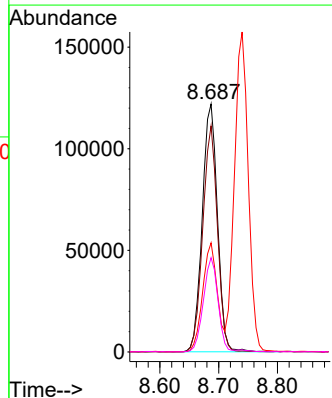
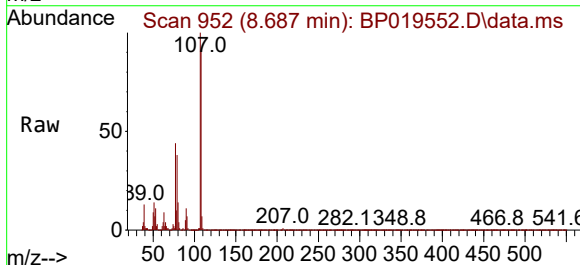
Ion Ratio Lower Upper

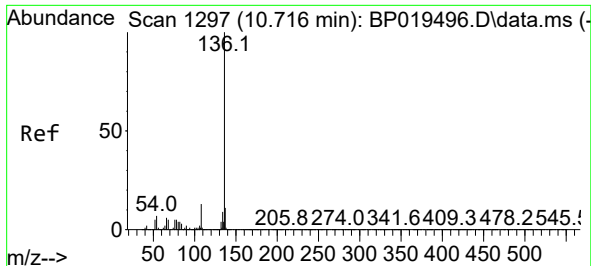
107 100

108 91.2 65.5 105.5

77 44.0 21.8 61.8

79 38.0 14.1 54.1

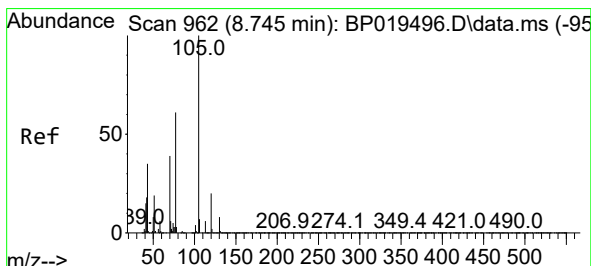
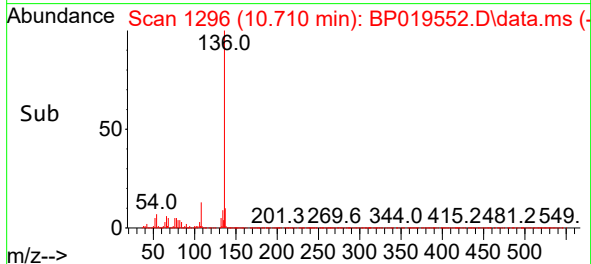
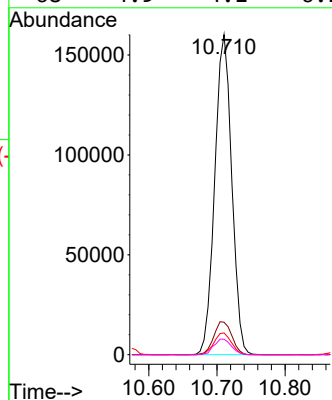
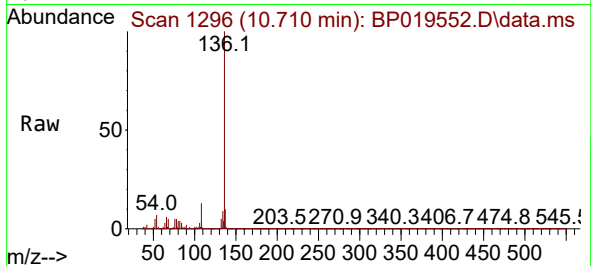




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

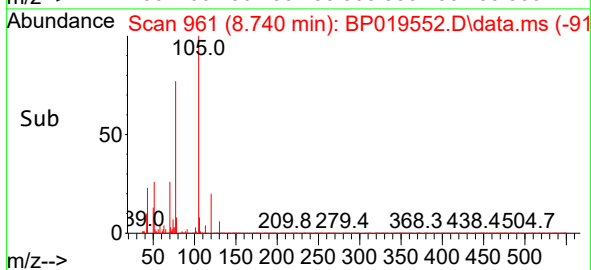
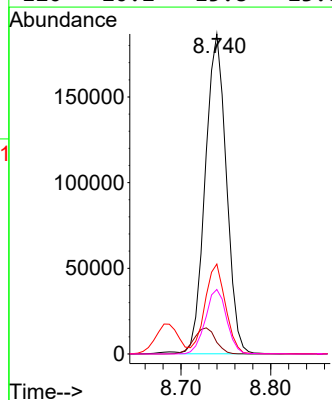
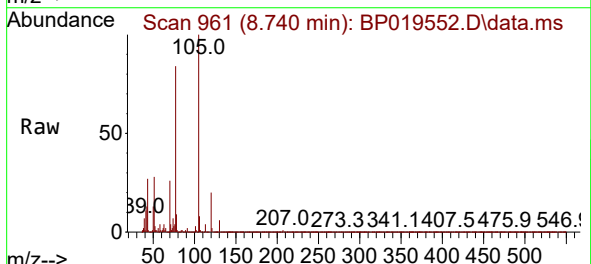
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

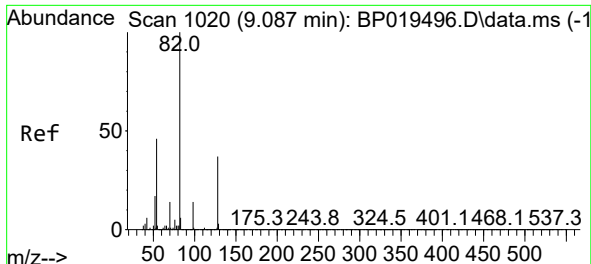
Tgt Ion:136 Resp: 277505
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.8 5.3 7.9
68 4.9 4.1 6.1



#22
Acetophenone
Concen: 38.487 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:105 Resp: 304264
Ion Ratio Lower Upper
105 100
71 3.6 4.9 7.3#
51 28.1 20.7 31.1
120 20.2 15.8 23.8





#23

Nitrobenzene-d5

Concen: 79.602 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

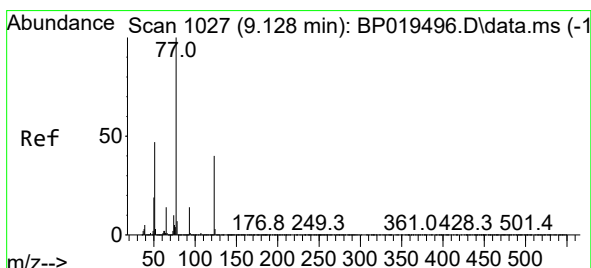
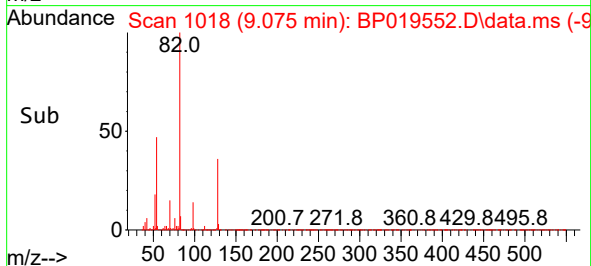
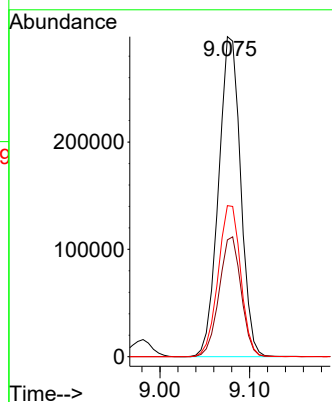
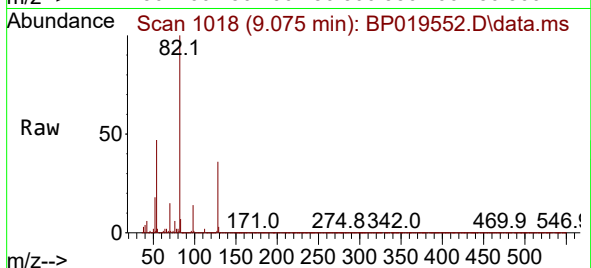
Tgt Ion: 82 Resp: 509791

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

54 47.2 36.8 55.2



#24

Nitrobenzene

Concen: 39.901 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

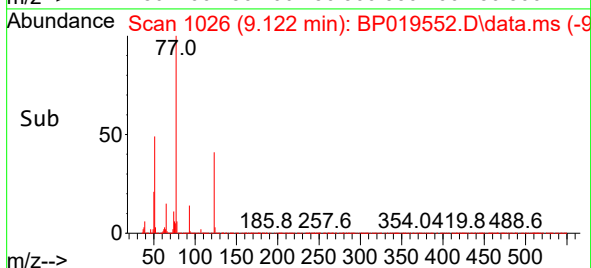
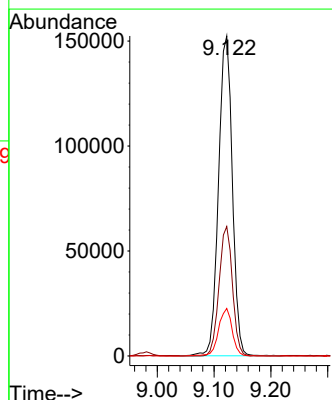
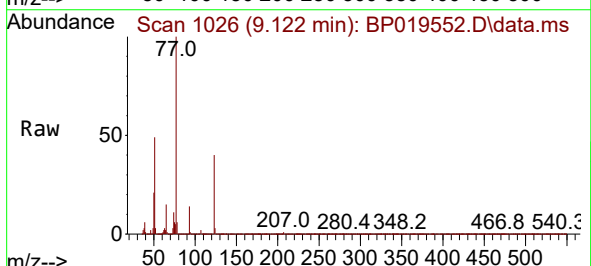
Tgt Ion: 77 Resp: 257286

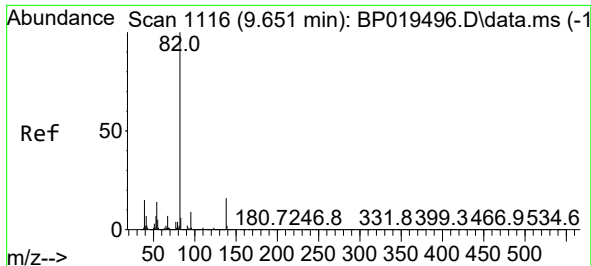
Ion Ratio Lower Upper

77 100

123 40.5 32.3 48.5

65 14.8 11.6 17.4

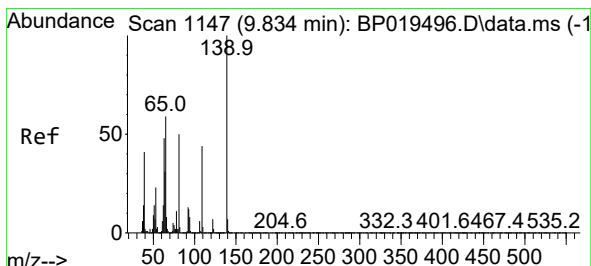
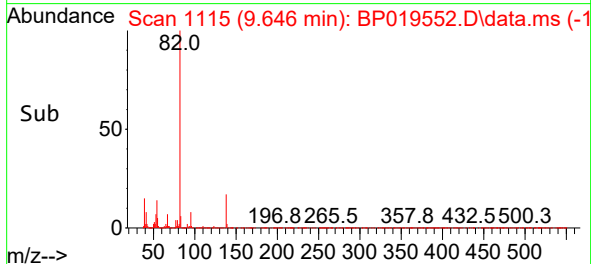
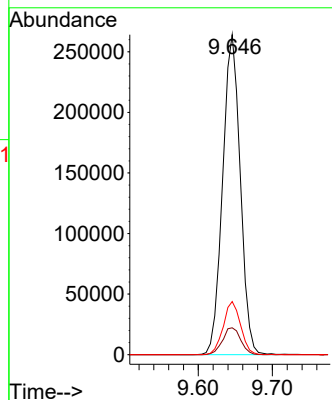
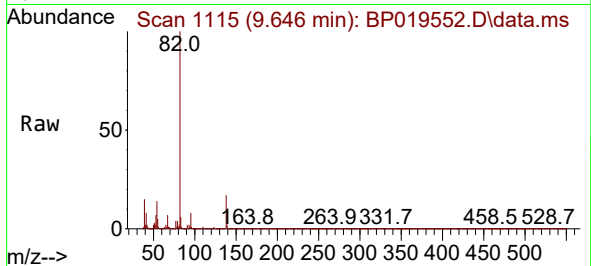




#25
Isophorone
Concen: 39.085 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

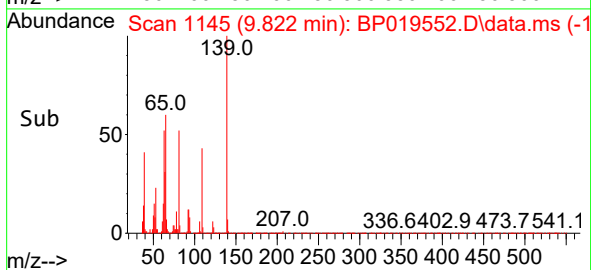
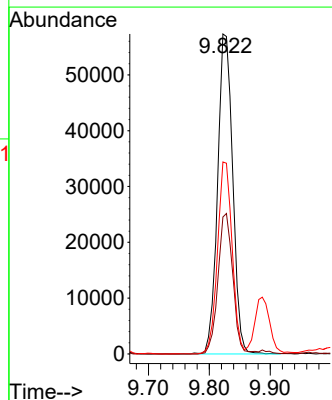
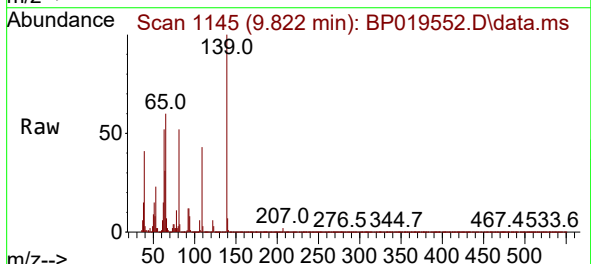
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

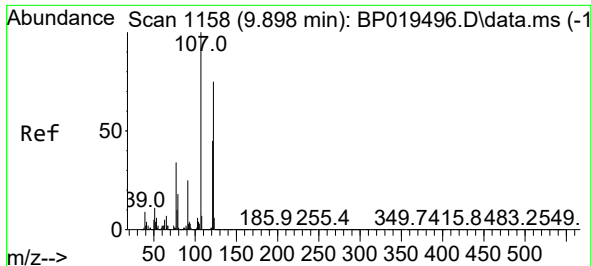
Tgt Ion: 82 Resp: 435925
Ion Ratio Lower Upper
82 100
95 8.4 7.0 10.4
138 16.6 13.1 19.7



#26
2-Nitrophenol
Concen: 40.202 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion: 139 Resp: 98842
Ion Ratio Lower Upper
139 100
109 42.8 34.9 52.3
65 60.0 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 39.995 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.011 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

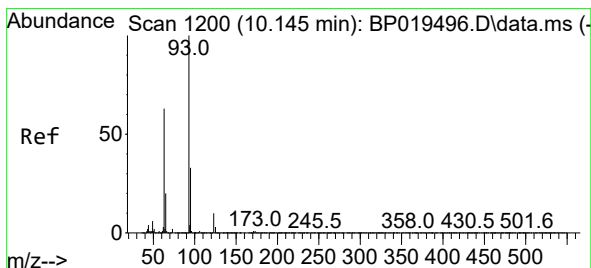
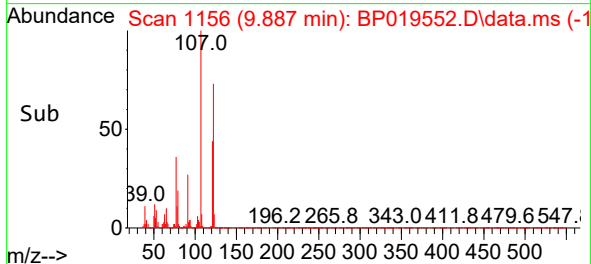
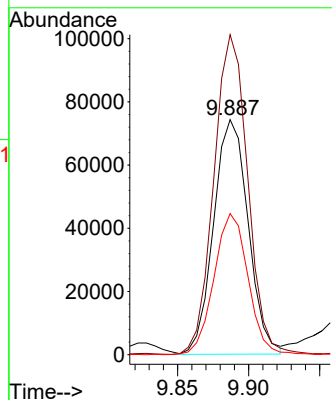
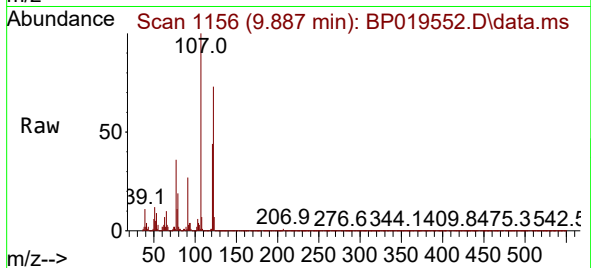
Tgt Ion:122 Resp: 125738

Ion Ratio Lower Upper

122 100

107 136.2 105.9 158.9

121 60.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.865 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

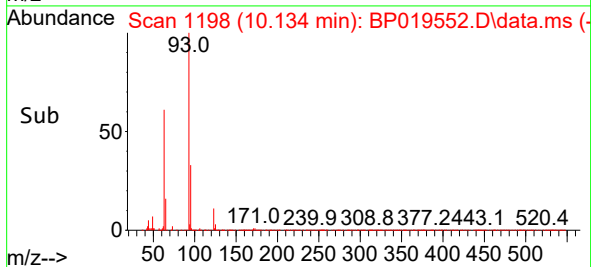
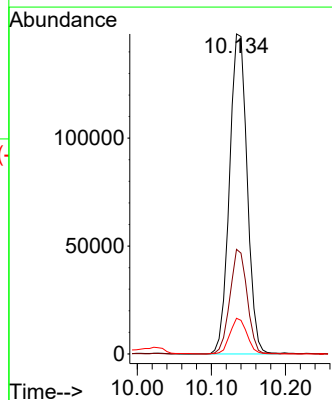
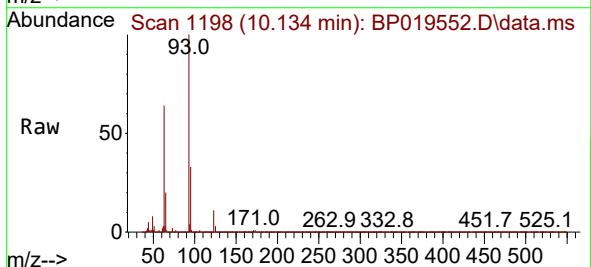
Tgt Ion: 93 Resp: 245255

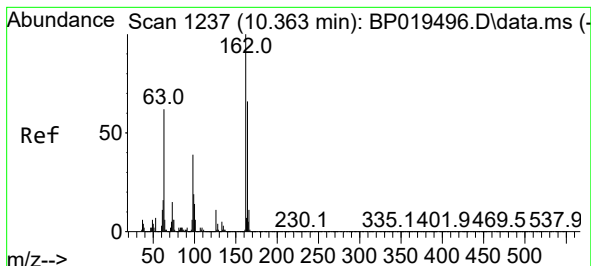
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 40.565 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

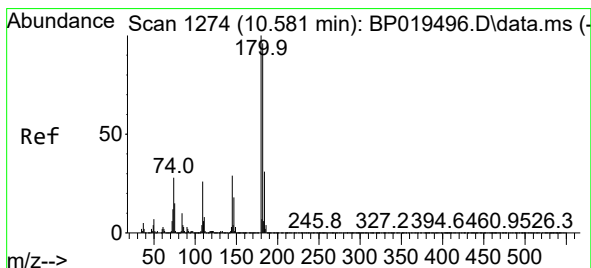
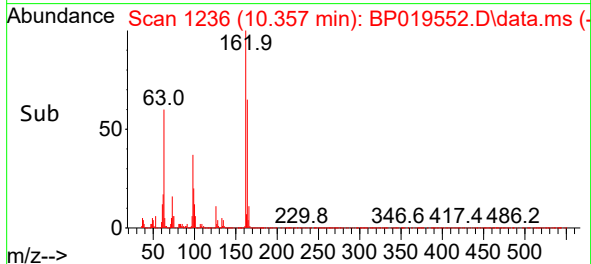
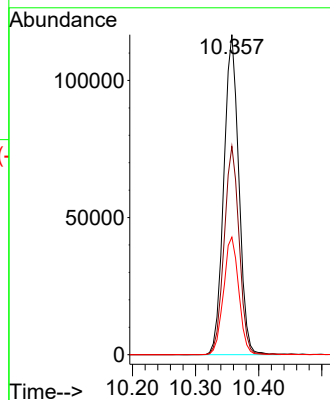
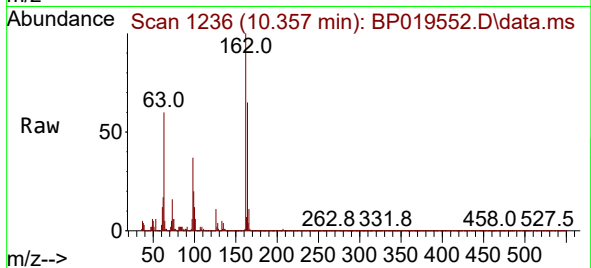
Tgt Ion:162 Resp: 192779

Ion Ratio Lower Upper

162 100

164 65.1 46.0 86.0

98 36.7 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 40.330 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

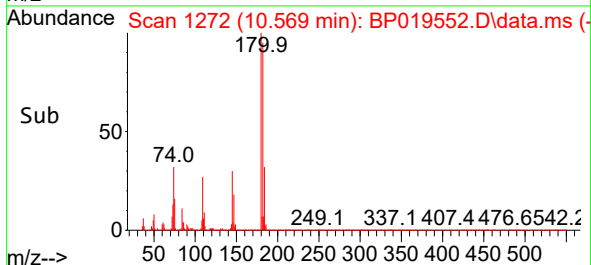
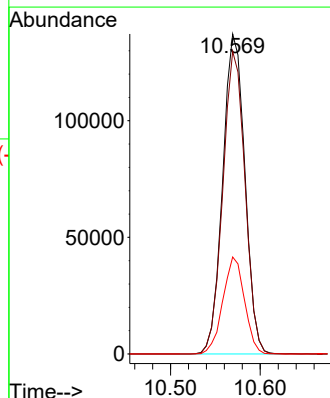
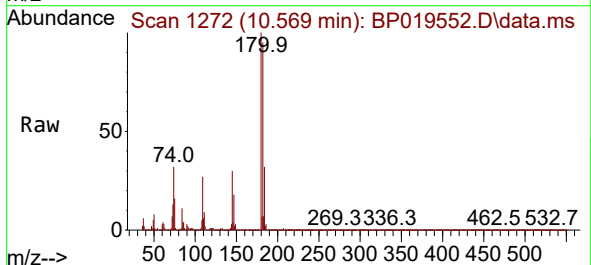
Tgt Ion:180 Resp: 235004

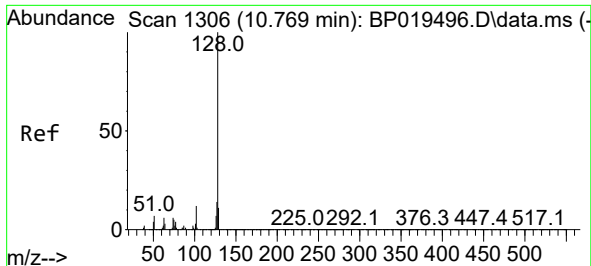
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 30.3 23.2 34.8

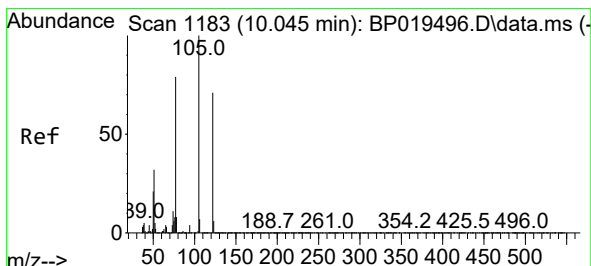
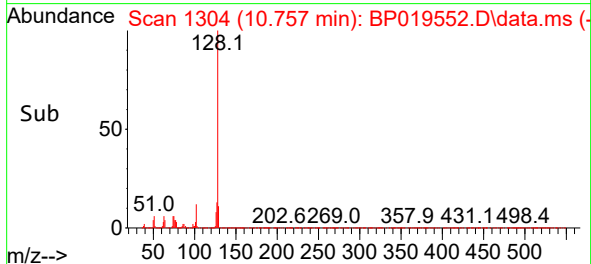
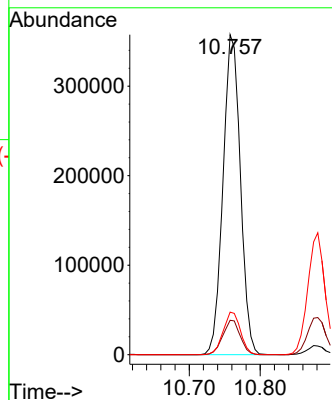
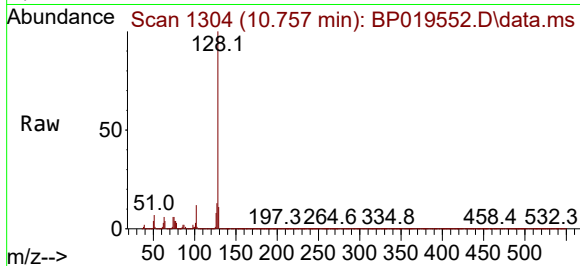




#31
Naphthalene
Concen: 39.771 ng
RT: 10.757 min Scan# 1179
Delta R.T. -0.011 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

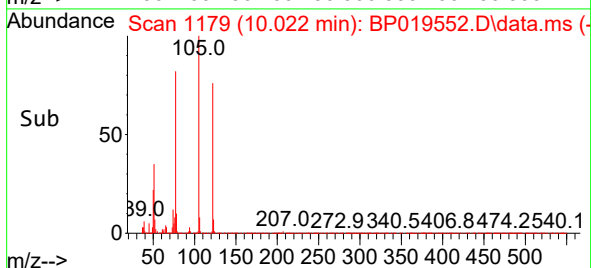
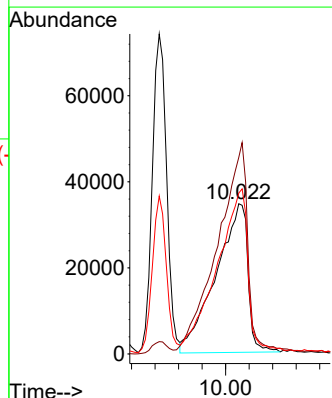
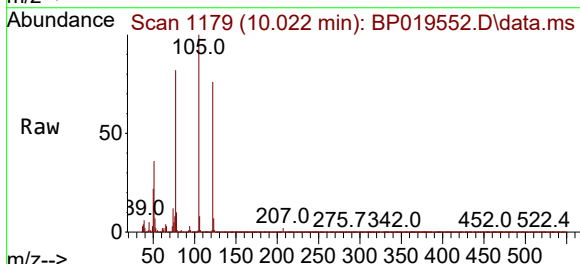
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

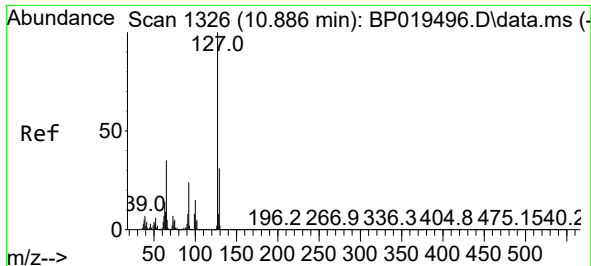
Tgt Ion:128 Resp: 605306
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.533 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.023 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:122 Resp: 130281
Ion Ratio Lower Upper
122 100
105 130.8 118.8 158.8
77 107.1 91.7 131.7

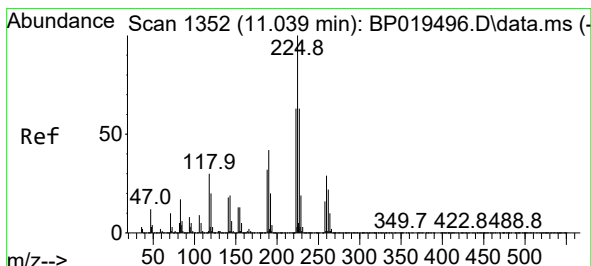
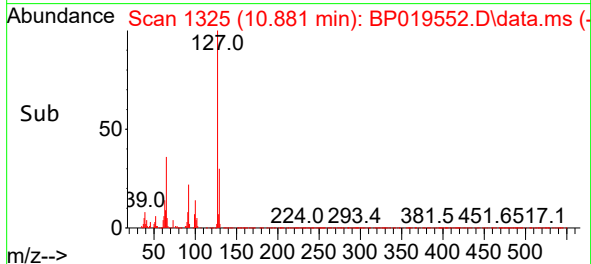
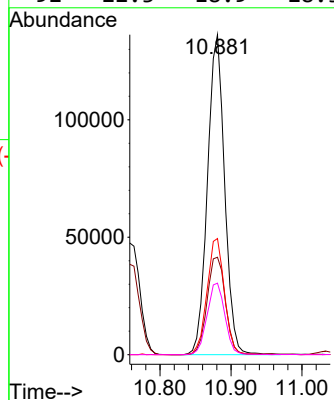
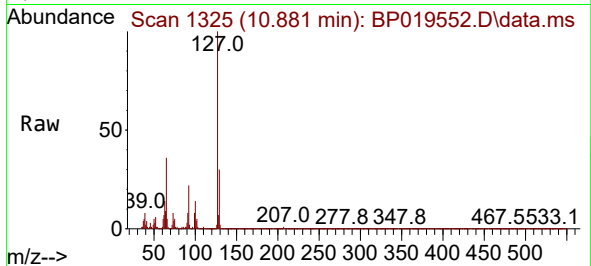




#33
4-Chloroaniline
Concen: 40.769 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

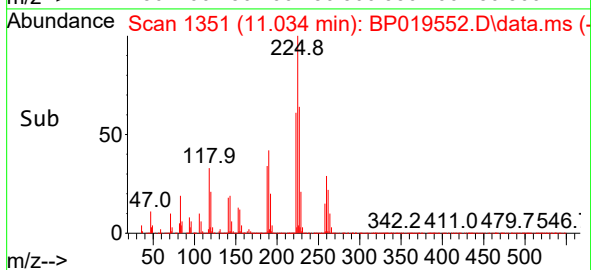
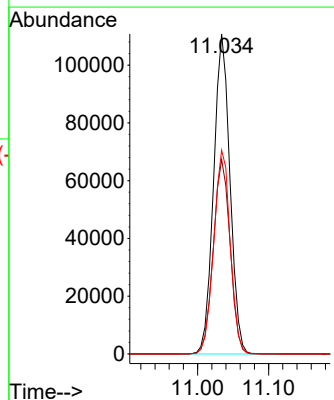
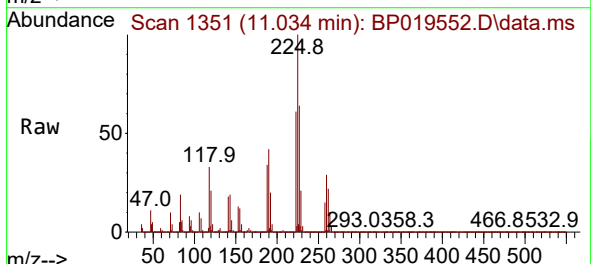
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

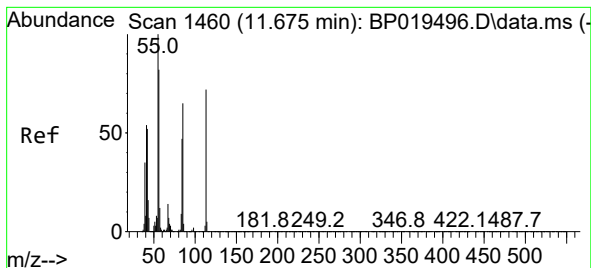
Tgt Ion:	127	Resp:	229471
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.6	36.8
65	36.3	28.2	42.4
92	22.3	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.873 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:	225	Resp:	176492
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.5	75.7
227	63.7	50.2	75.2





#35

Caprolactam

Concen: 44.705 ng

RT: 11.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

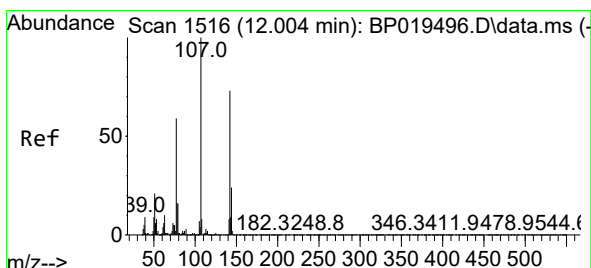
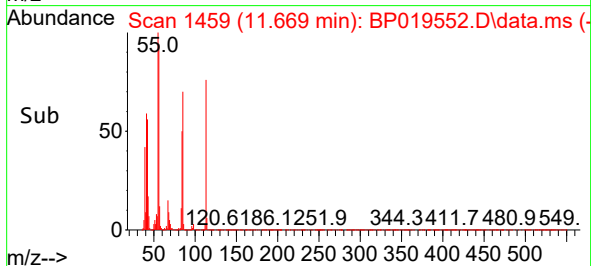
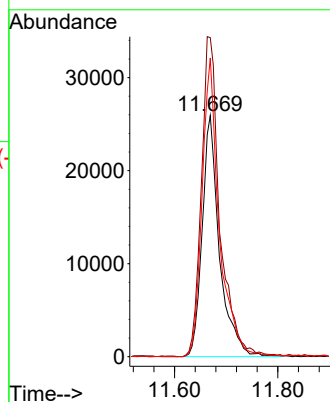
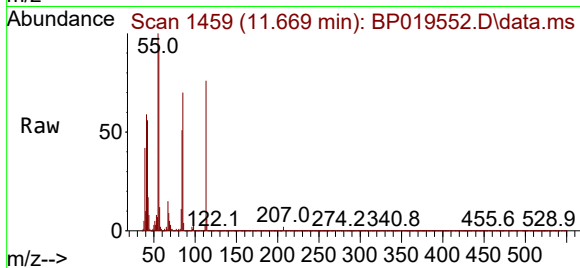
Tgt Ion:113 Resp: 60145

Ion Ratio Lower Upper

113 100

55 132.3 120.0 160.0

56 123.9 94.0 134.0



#36

4-Chloro-3-methylphenol

Concen: 42.150 ng

RT: 11.999 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

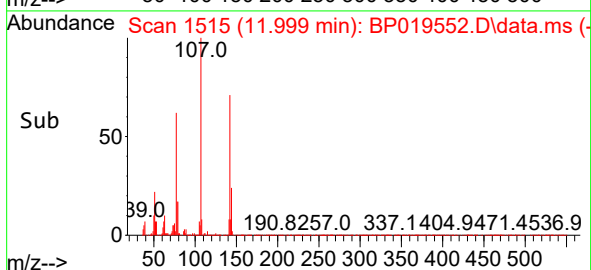
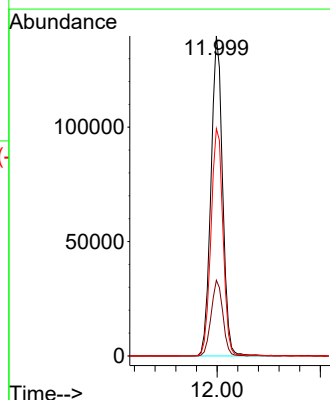
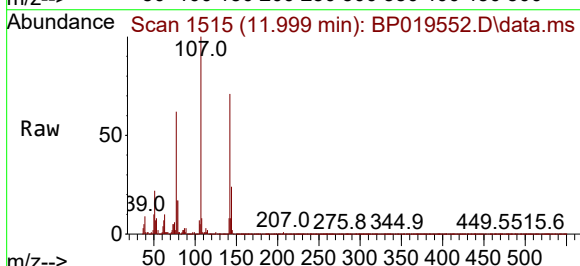
Tgt Ion:107 Resp: 218416

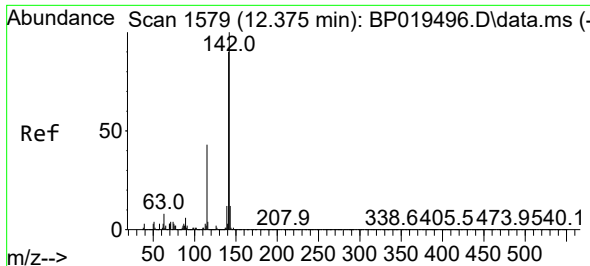
Ion Ratio Lower Upper

107 100

144 23.7 19.0 28.4

142 71.0 58.6 88.0

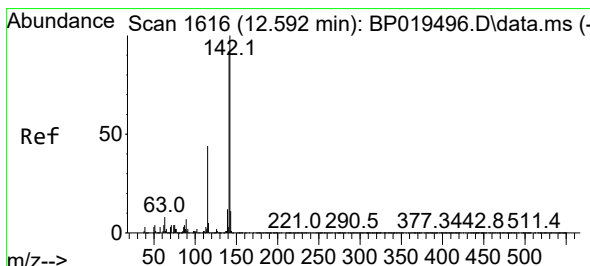
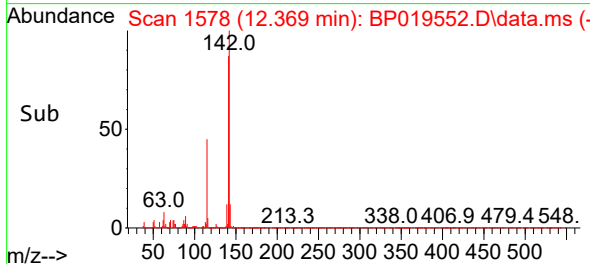
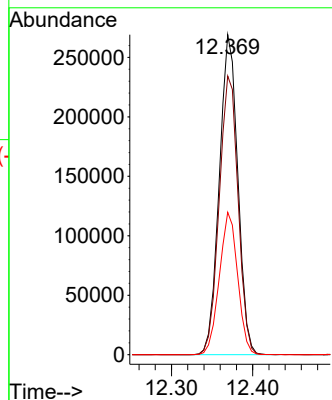
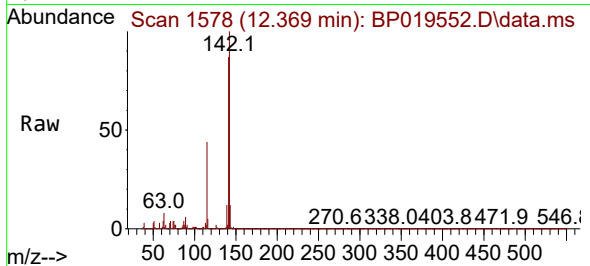




#37
2-Methylnaphthalene
Concen: 40.532 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

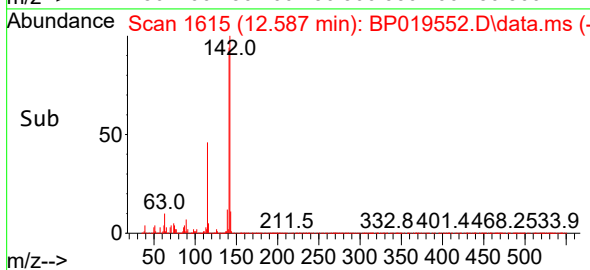
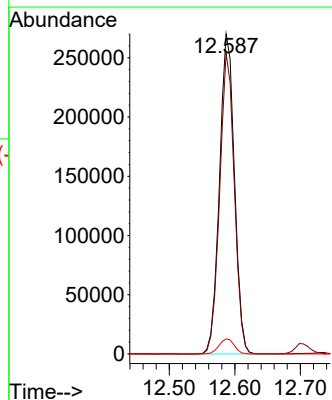
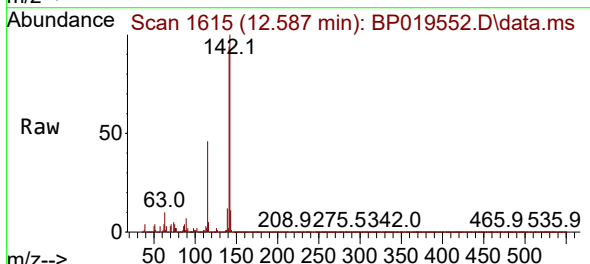
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

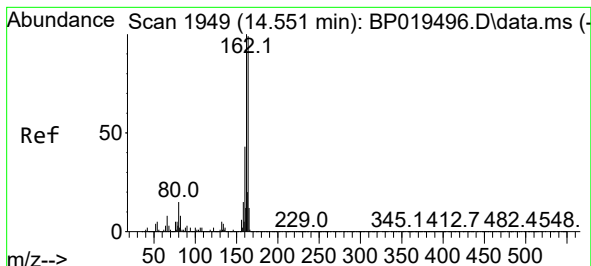
Tgt Ion:142 Resp: 426925
Ion Ratio Lower Upper
142 100
141 87.1 72.2 108.4
115 44.5 34.2 51.2



#38
1-Methylnaphthalene
Concen: 41.098 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:142 Resp: 425392
Ion Ratio Lower Upper
142 100
141 94.1 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

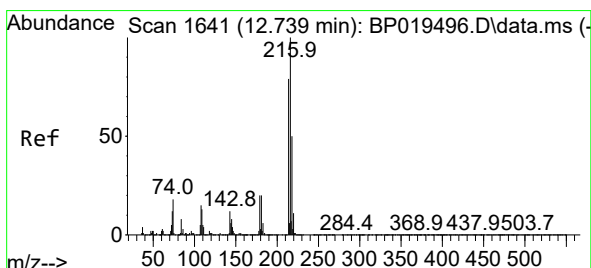
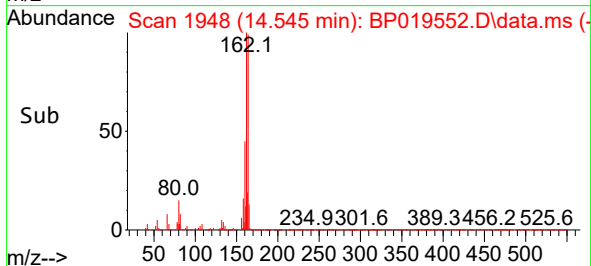
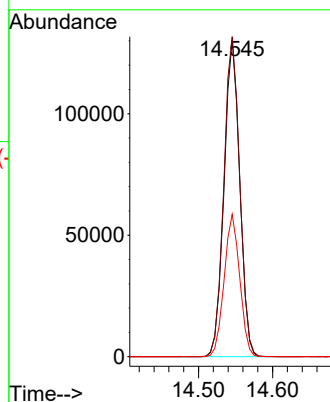
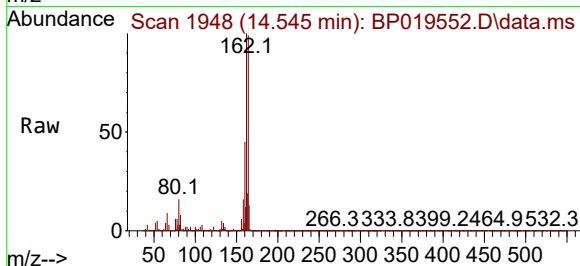
Tgt Ion:164 Resp: 191217

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 44.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.833 ng

RT: 12.734 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Tgt Ion:216 Resp: 278999

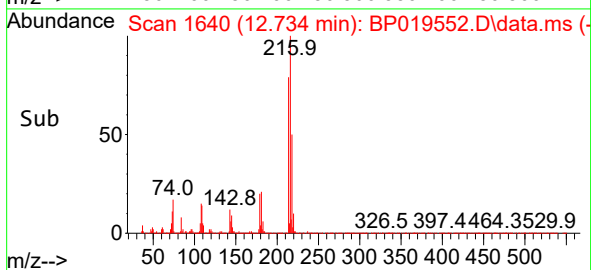
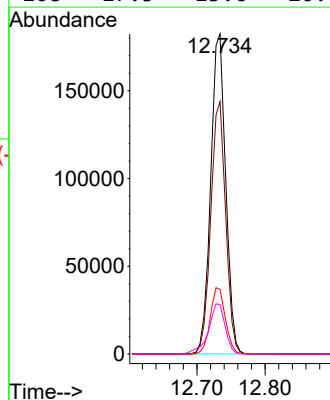
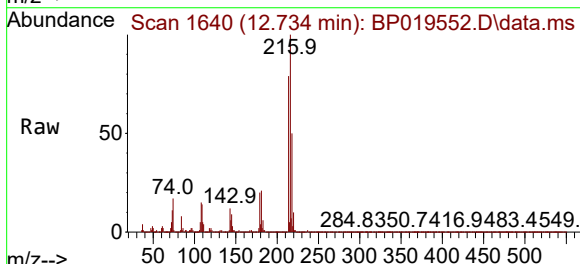
Ion Ratio Lower Upper

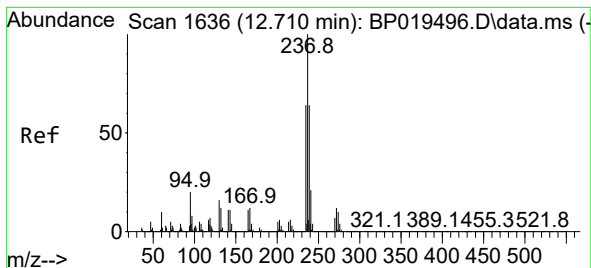
216 100

214 78.4 62.8 94.2

179 20.8 16.6 24.8

108 17.5 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 39.308 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

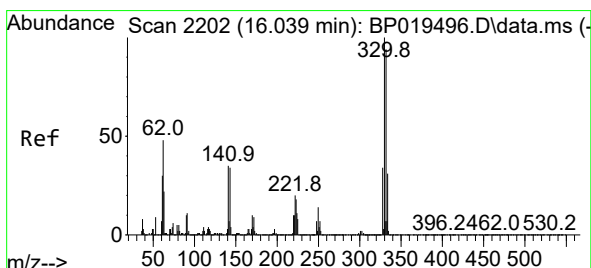
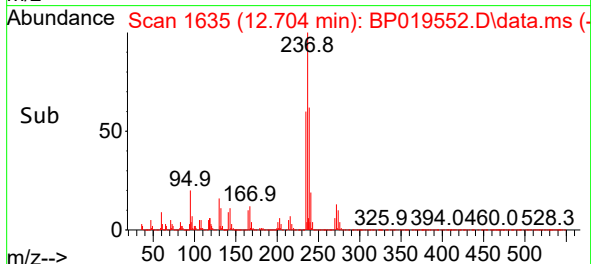
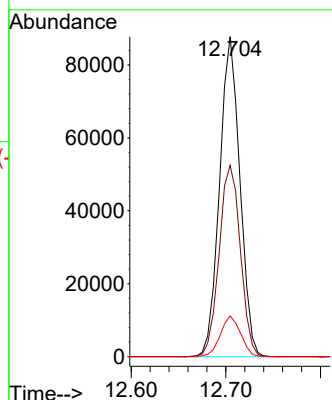
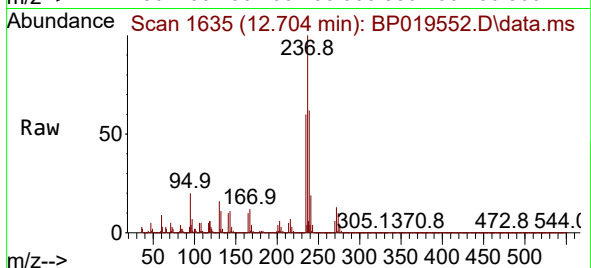
Tgt Ion:237 Resp: 130951

Ion Ratio Lower Upper

237 100

235 59.8 43.7 83.7

272 12.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 91.926 ng

RT: 16.040 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

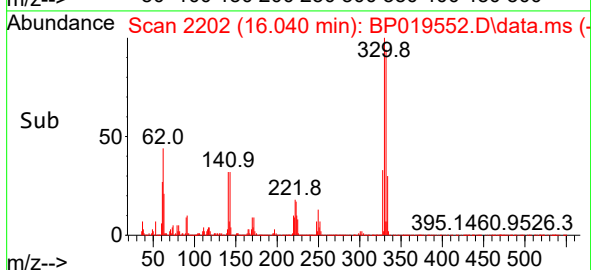
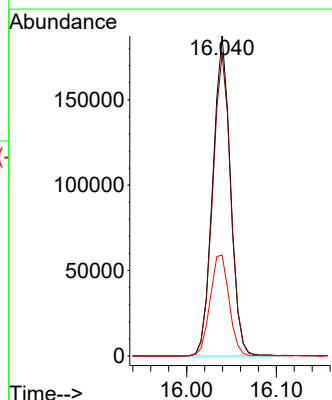
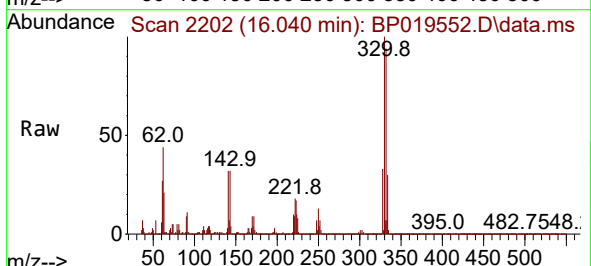
Tgt Ion:330 Resp: 256649

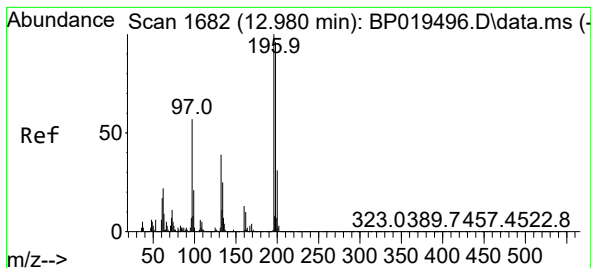
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 33.9 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 39.088 ng

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

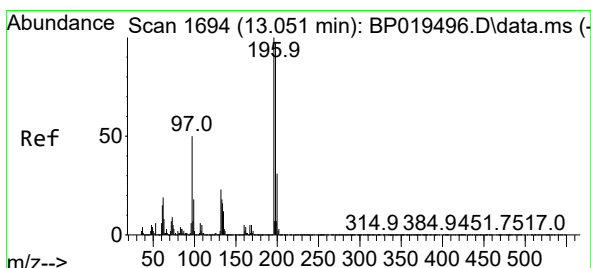
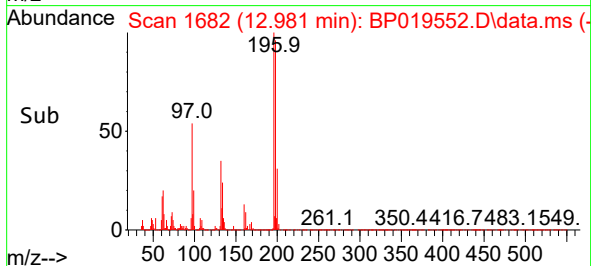
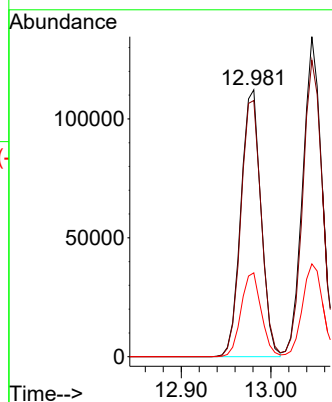
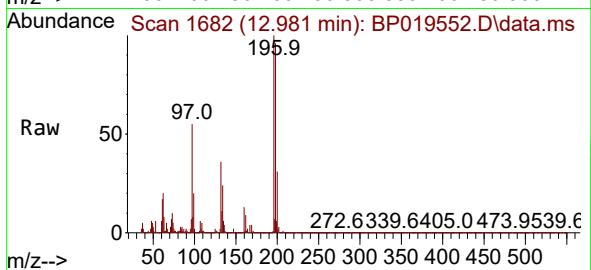
Tgt Ion:196 Resp: 174547

Ion Ratio Lower Upper

196 100

198 96.0 76.7 115.1

200 31.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.858 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Tgt Ion:196 Resp: 200345

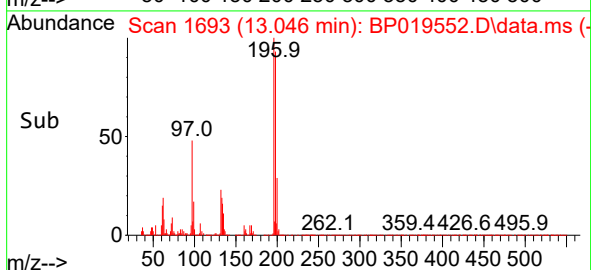
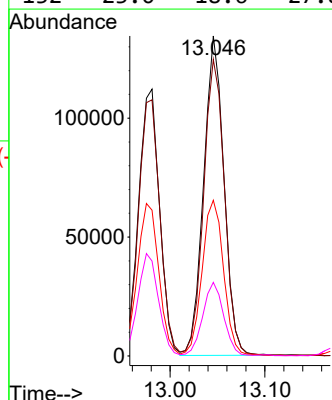
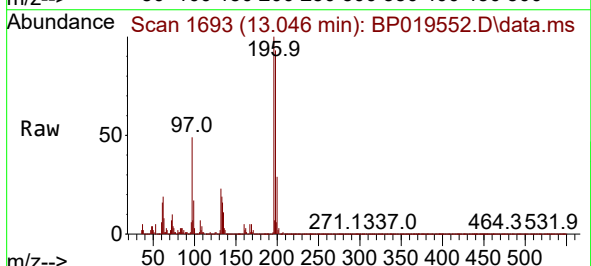
Ion Ratio Lower Upper

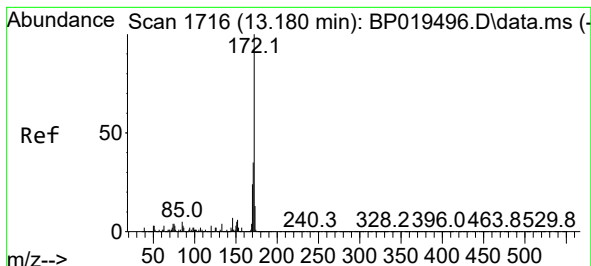
196 100

198 92.7 77.5 116.3

97 48.7 39.9 59.9

132 23.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 76.397 ng

RT: 13.175 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

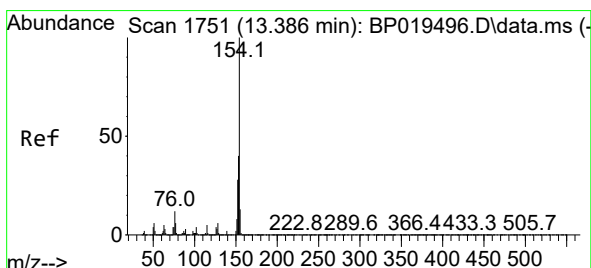
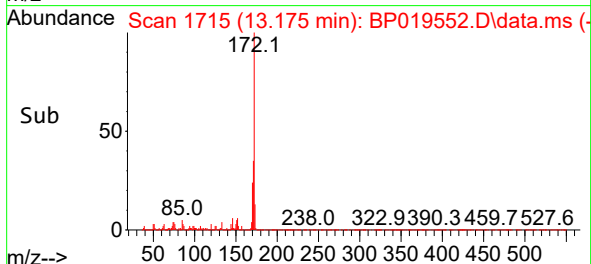
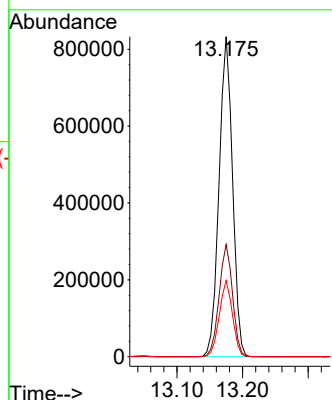
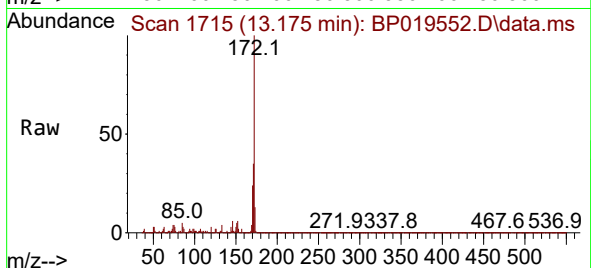
Tgt Ion:172 Resp: 1181688

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.875 ng

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

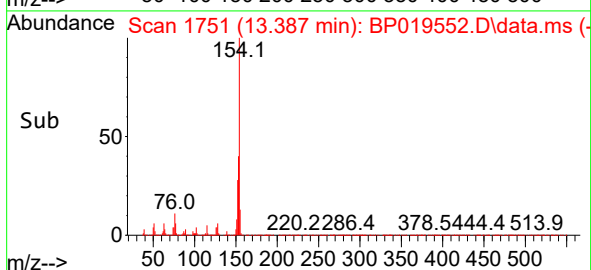
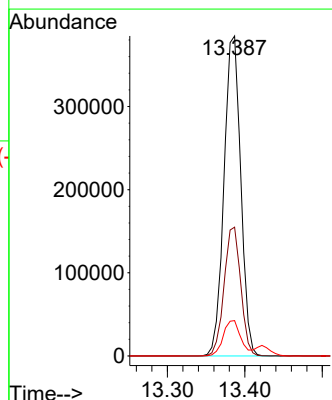
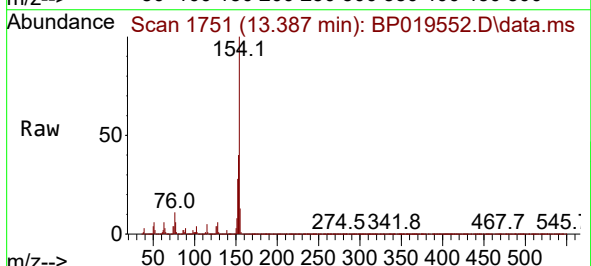
Tgt Ion:154 Resp: 578033

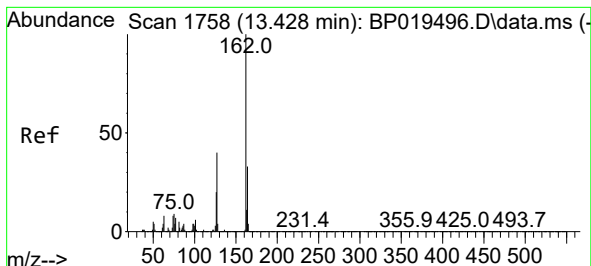
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 11.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 38.165 ng

RT: 13.422 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

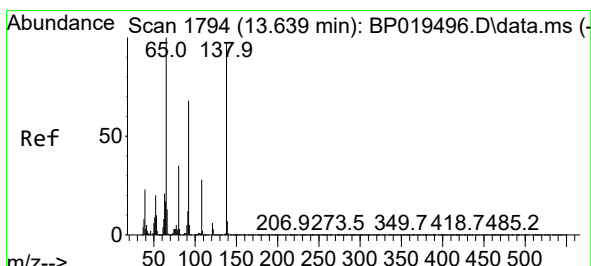
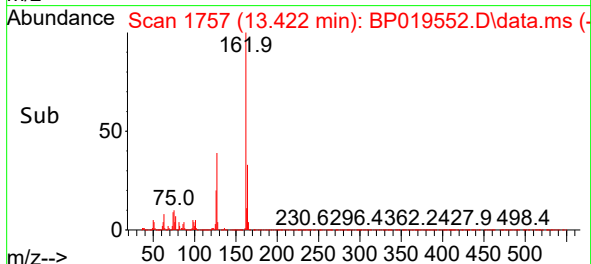
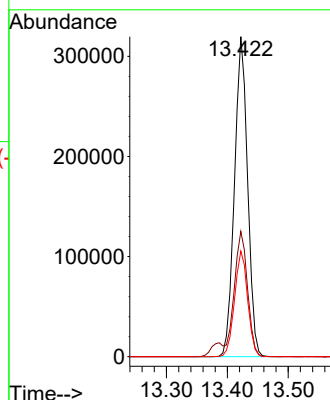
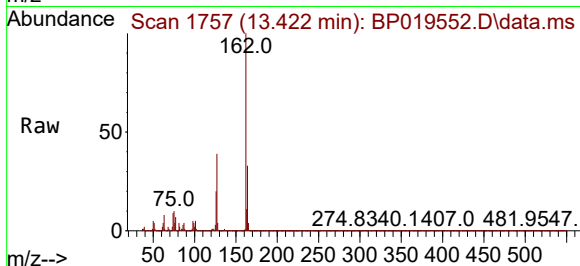
Tgt Ion:162 Resp: 478131

Ion Ratio Lower Upper

162 100

127 39.2 32.1 48.1

164 33.0 26.7 40.1



#48

2-Nitroaniline

Concen: 42.684 ng

RT: 13.634 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

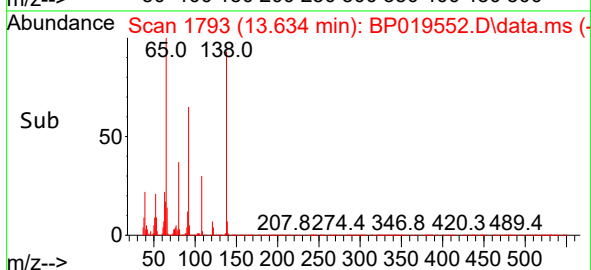
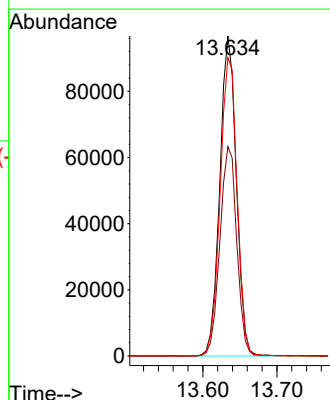
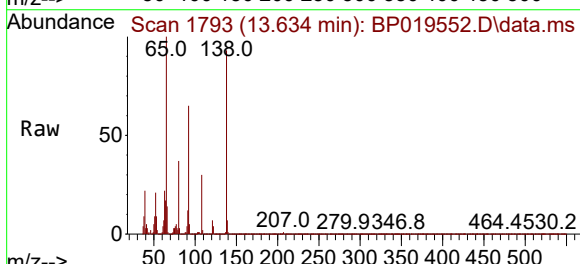
Tgt Ion: 65 Resp: 149527

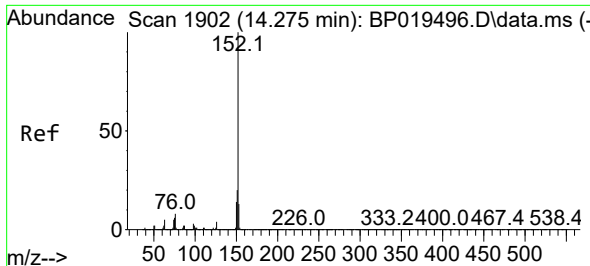
Ion Ratio Lower Upper

65 100

92 65.4 54.7 82.1

138 93.2 77.8 116.6

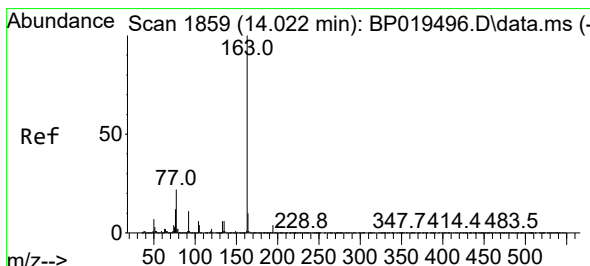
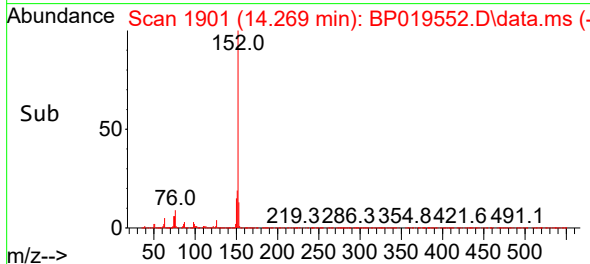
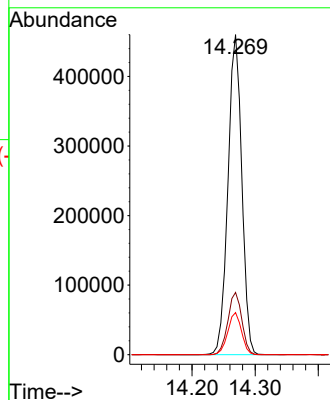
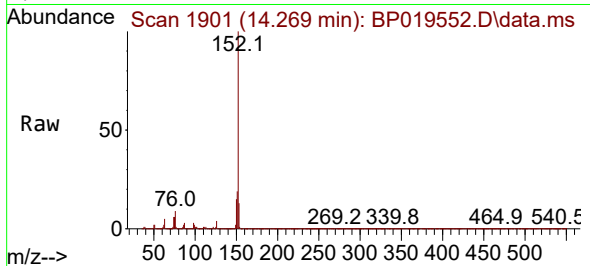




#49
Acenaphthylene
Concen: 39.751 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

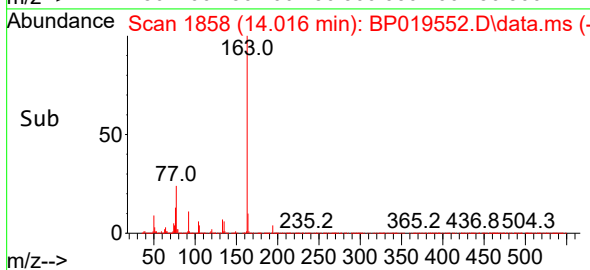
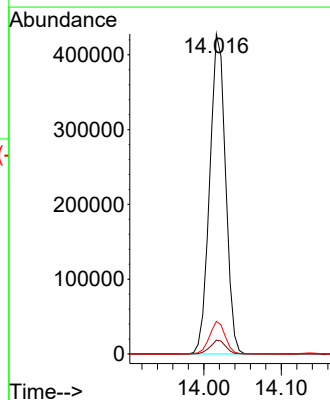
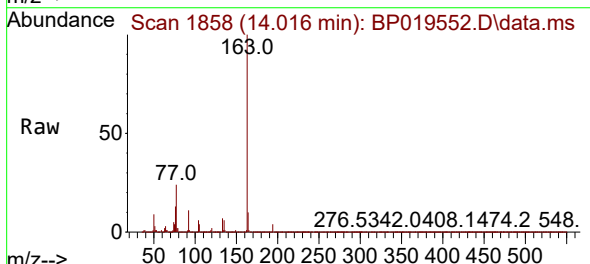
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

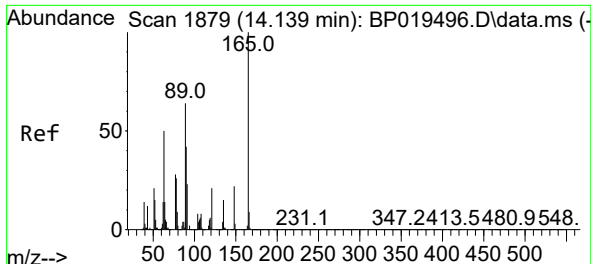
Tgt Ion:152 Resp: 698677
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.529 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:163 Resp: 607917
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 7.8 11.6

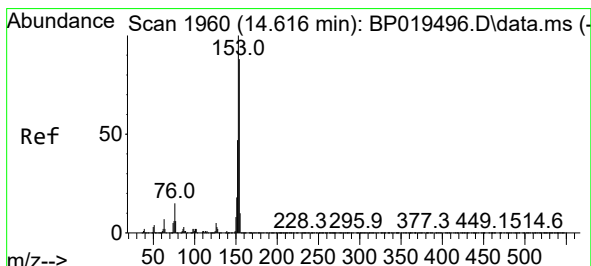
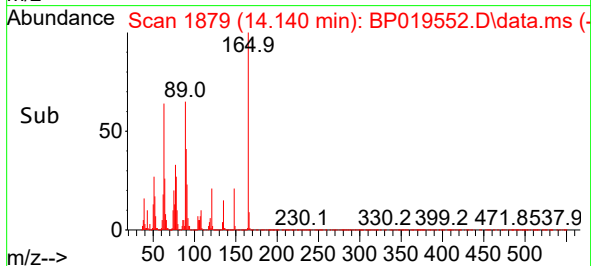
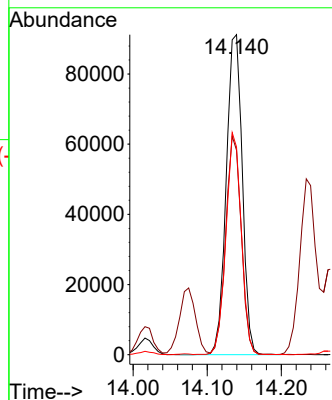
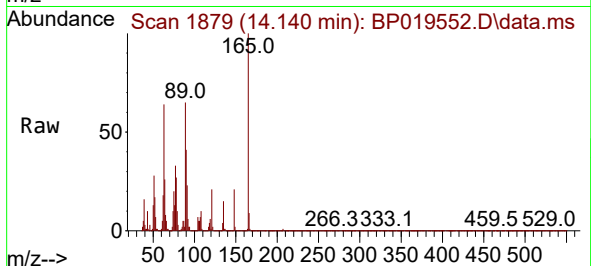




#51
2,6-Dinitrotoluene
Concen: 42.508 ng
RT: 14.140 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

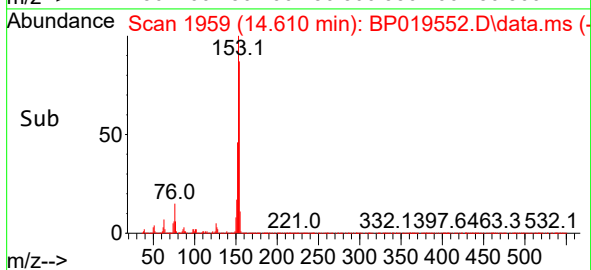
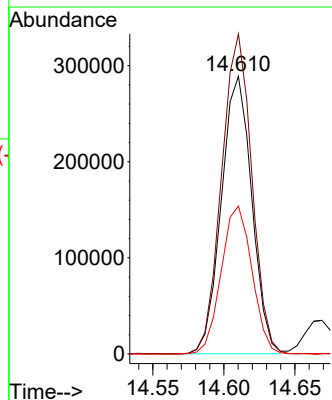
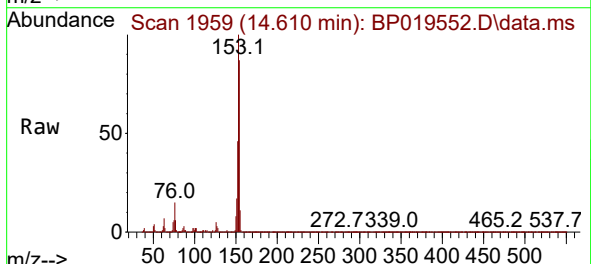
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

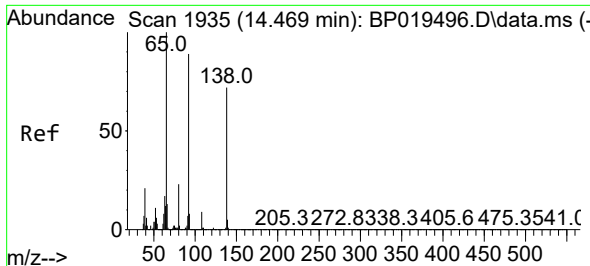
Tgt Ion:165 Resp: 136710
Ion Ratio Lower Upper
165 100
63 63.9 50.4 75.6
89 64.9 51.7 77.5



#52
Acenaphthene
Concen: 39.479 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:154 Resp: 430665
Ion Ratio Lower Upper
154 100
153 115.2 90.5 135.7
152 53.2 42.1 63.1

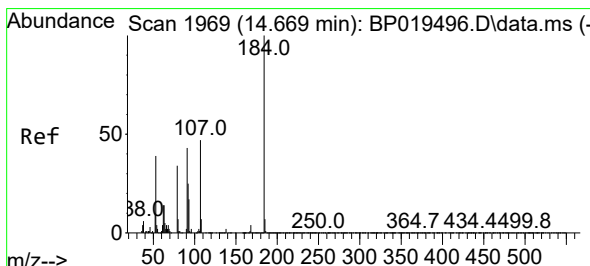
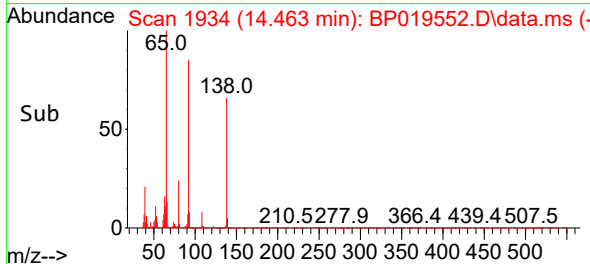
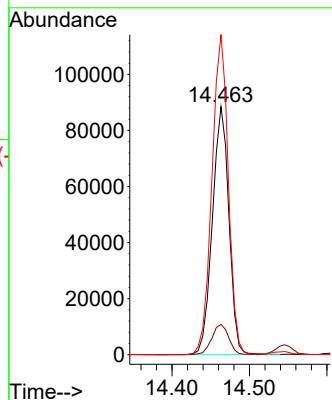
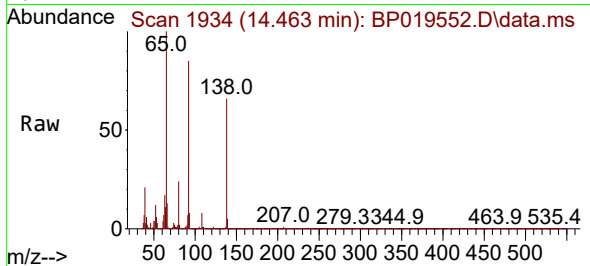




#53
3-Nitroaniline
Concen: 44.381 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

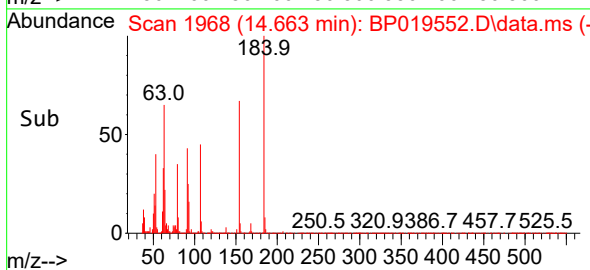
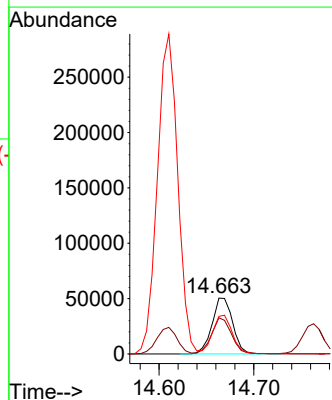
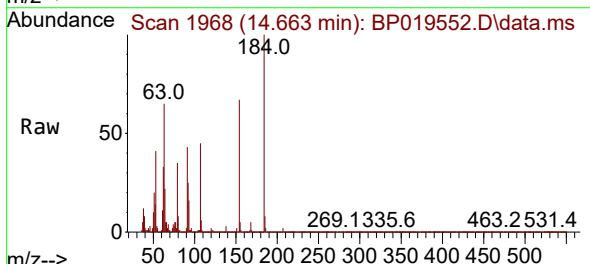
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

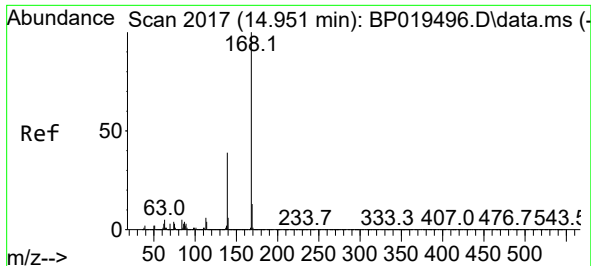
Tgt Ion:138 Resp: 131174
Ion Ratio Lower Upper
138 100
108 12.2 9.7 14.5
92 129.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 45.917 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:184 Resp: 76674
Ion Ratio Lower Upper
184 100
63 64.8 50.5 75.7
154 67.4 53.4 80.0

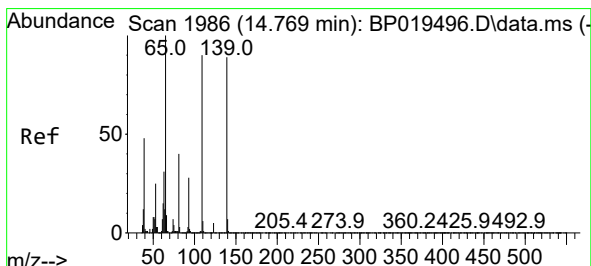
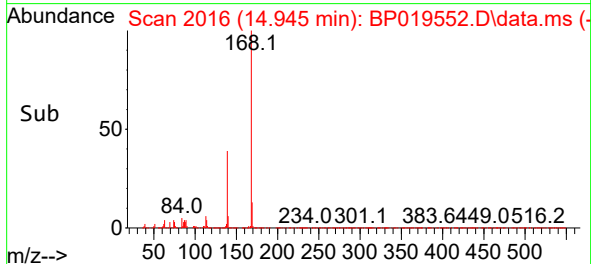
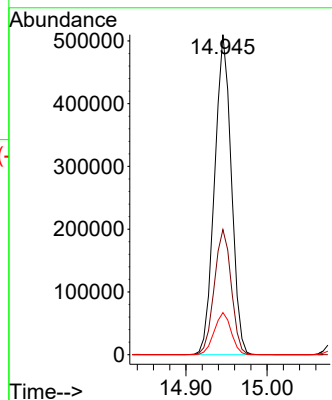
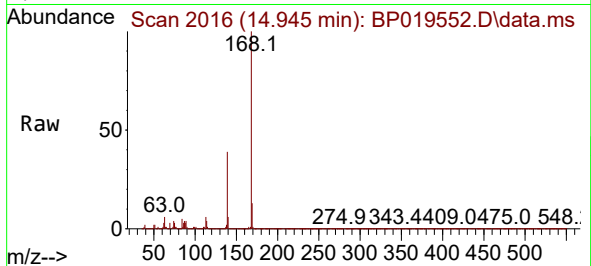




#55
Dibenzofuran
Concen: 41.108 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

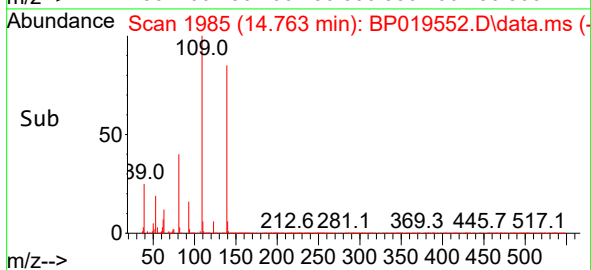
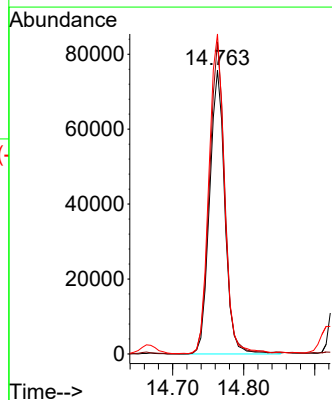
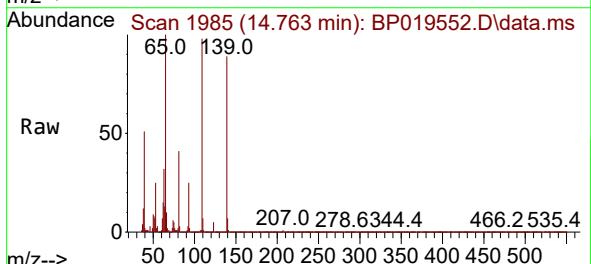
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

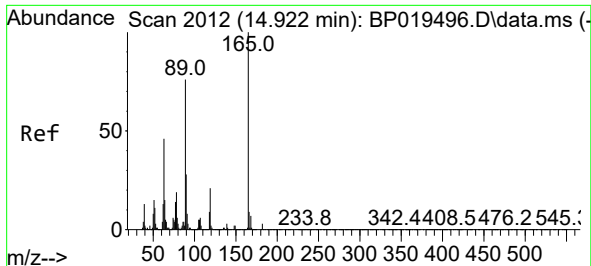
Tgt Ion:168 Resp: 730382
Ion Ratio Lower Upper
168 100
139 39.1 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 46.853 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:139 Resp: 113504
Ion Ratio Lower Upper
139 100
109 110.0 82.0 122.0
65 112.8 92.9 132.9

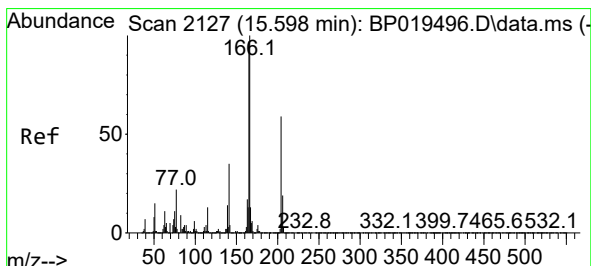
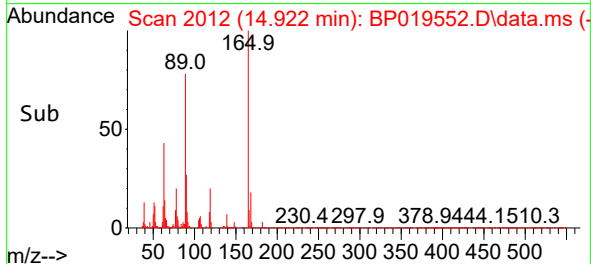
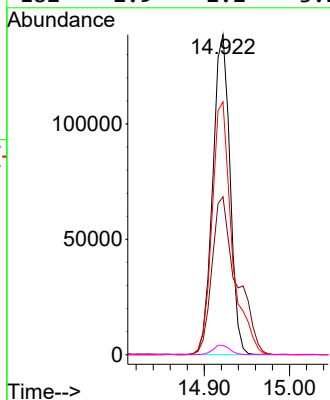
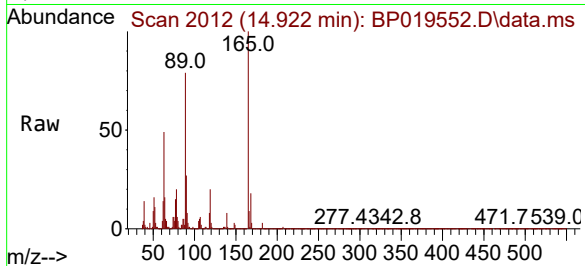




#57
2,4-Dinitrotoluene
Concen: 46.310 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

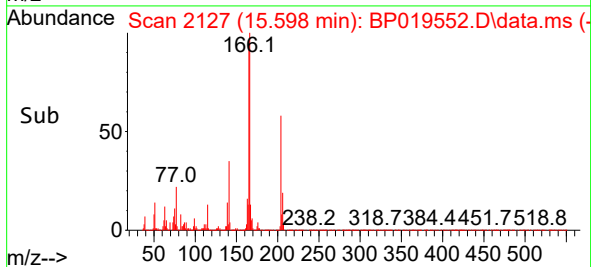
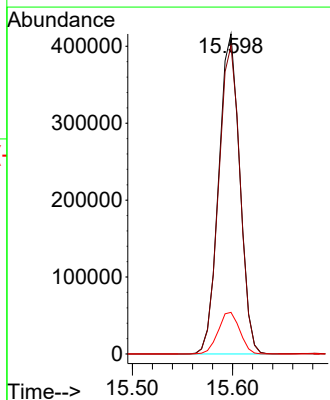
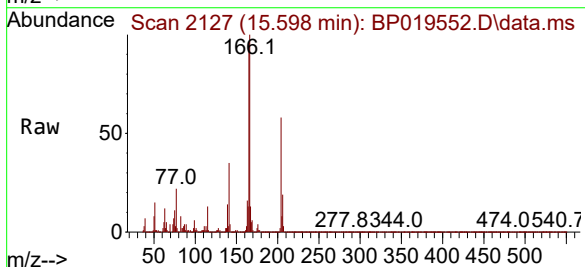
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

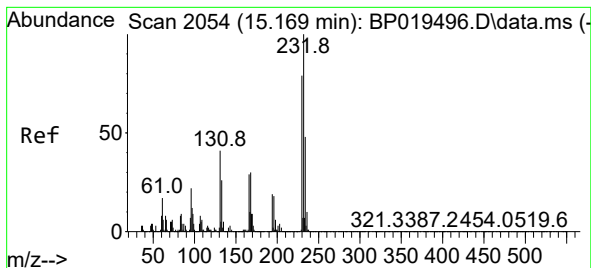
Tgt Ion:165 Resp: 195173
Ion Ratio Lower Upper
165 100
63 49.4 36.9 55.3
89 79.0 61.1 91.7
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.796 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:166 Resp: 605608
Ion Ratio Lower Upper
166 100
165 96.4 77.8 116.8
167 13.0 10.7 16.1

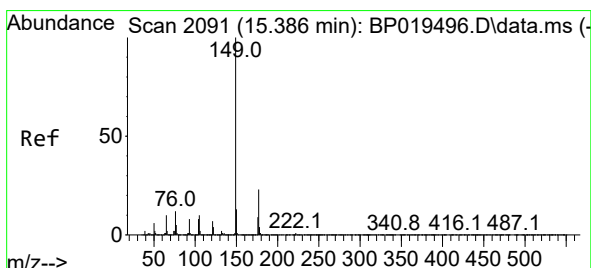
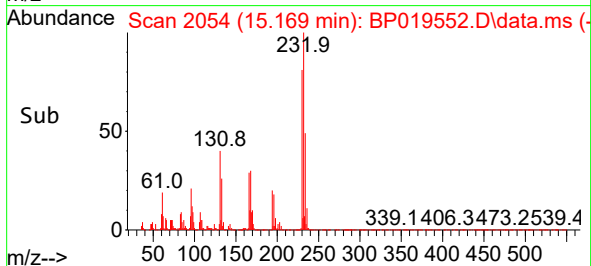
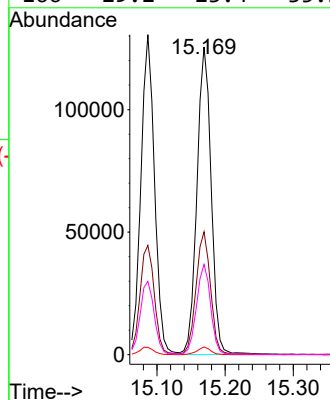
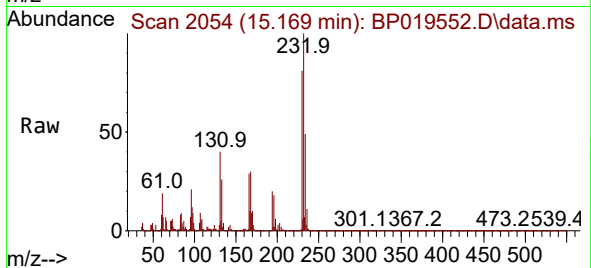




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.065 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

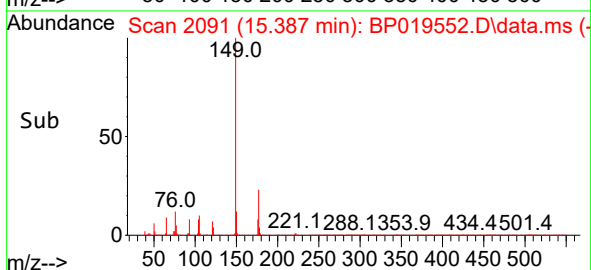
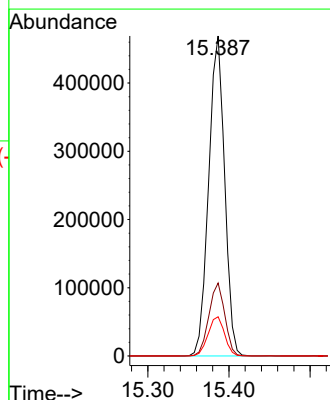
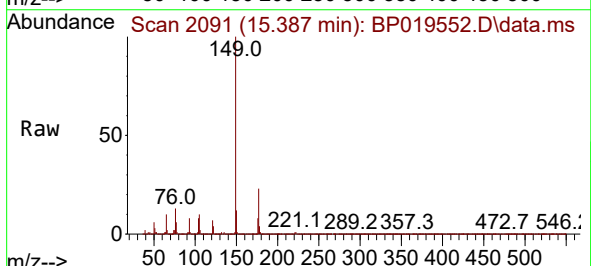
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

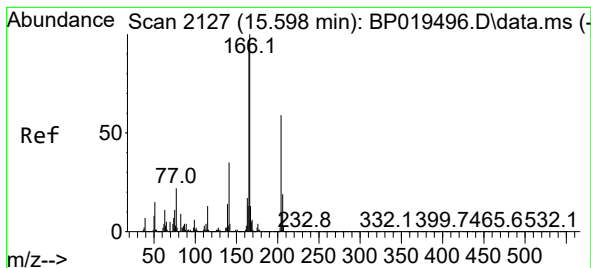
Tgt Ion:	232	Resp:	181745
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.4	48.6
130	2.4	1.9	2.9
166	29.2	23.4	35.2



#60
Diethylphthalate
Concen: 43.849 ng
RT: 15.387 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:	149	Resp:	638437
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.3	10.2	15.4

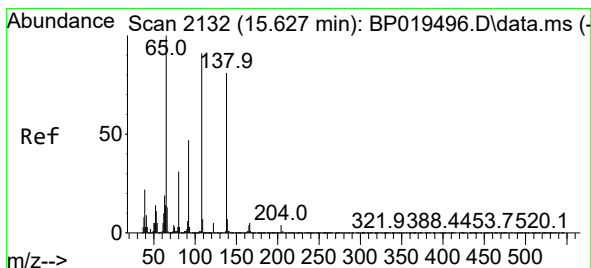
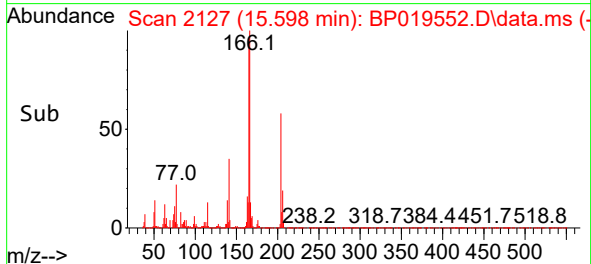
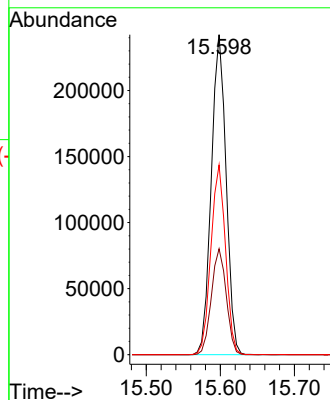
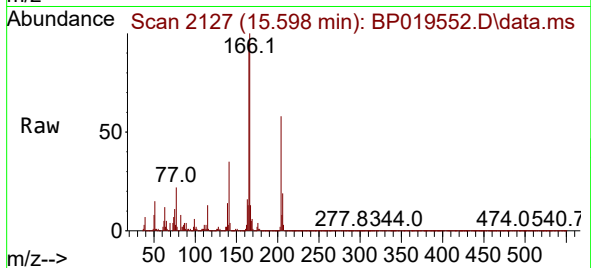




#61
4-Chlorophenyl-phenylether
Concen: 42.160 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

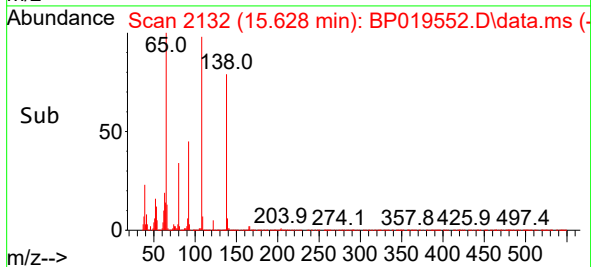
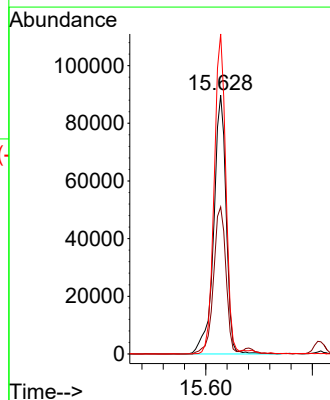
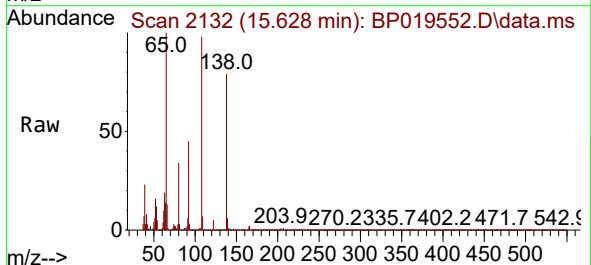
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

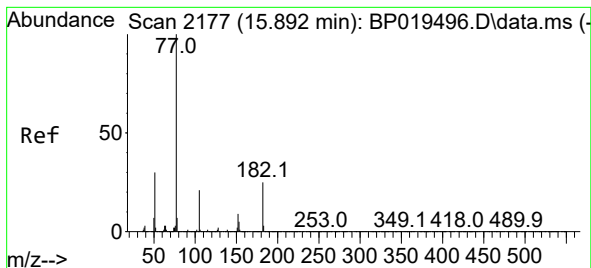
Tgt Ion:204 Resp: 335327
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 59.3 48.5 72.7



#62
4-Nitroaniline
Concen: 47.170 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:138 Resp: 146135
Ion Ratio Lower Upper
138 100
92 56.9 38.3 78.3
108 123.7 91.2 131.2





#63

Azobenzene

Concen: 43.131 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 607267

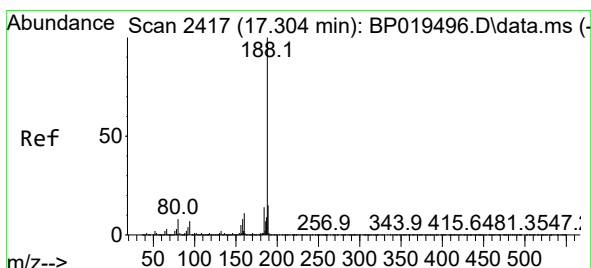
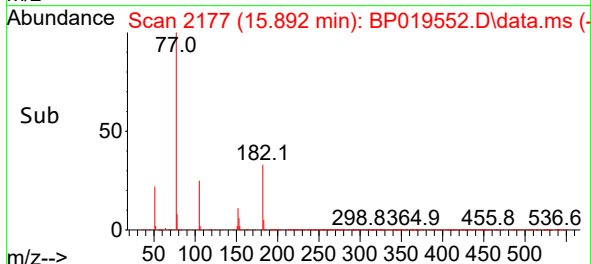
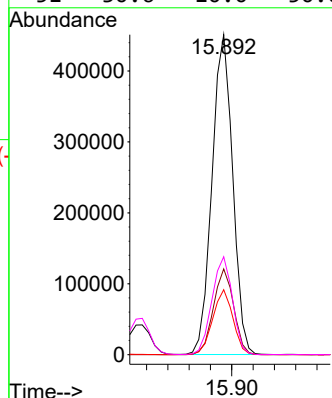
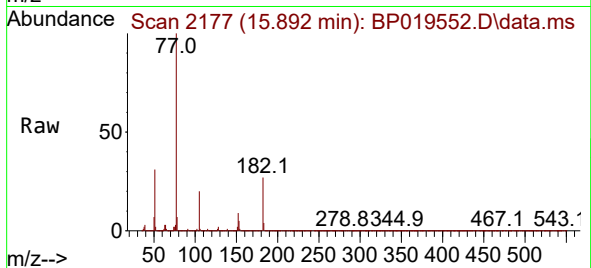
Ion Ratio Lower Upper

77 100

182 26.8 5.1 45.1

105 20.3 0.8 40.8

51 30.6 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

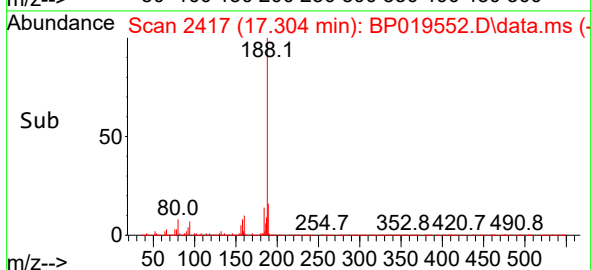
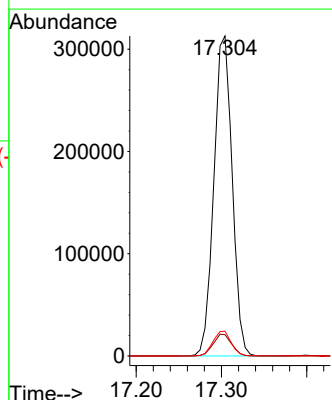
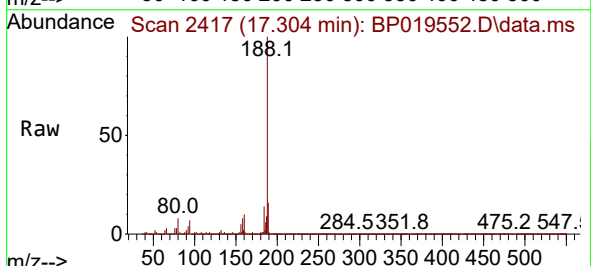
Tgt Ion: 188 Resp: 466684

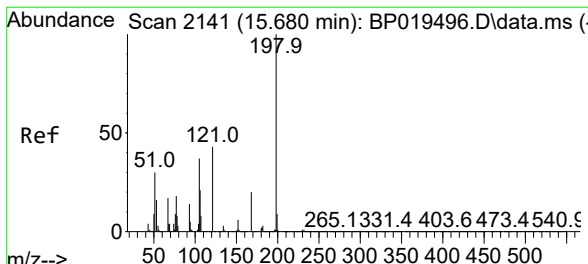
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.8 6.3 9.5

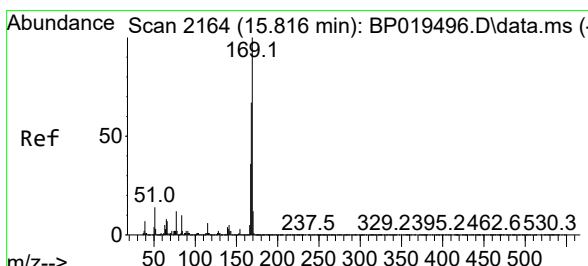
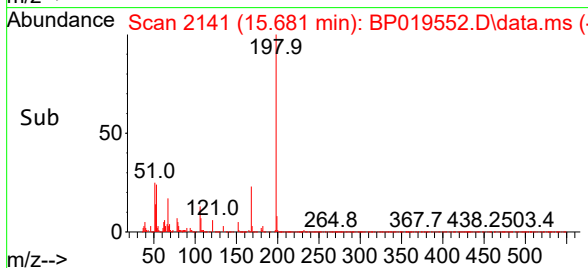
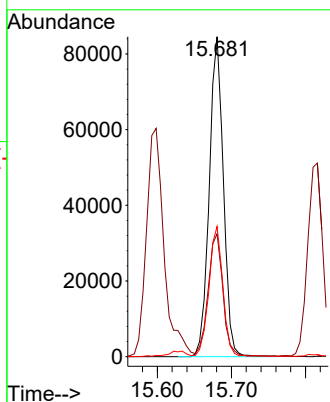
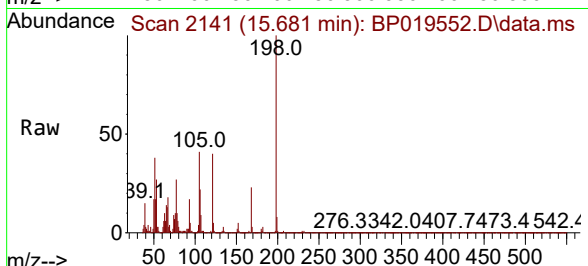




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.096 ng
 RT: 15.681 min Scan# 2141
 Delta R.T. 0.000 min
 Lab File: BP019552.D
 Acq: 03 Feb 2024 05:27

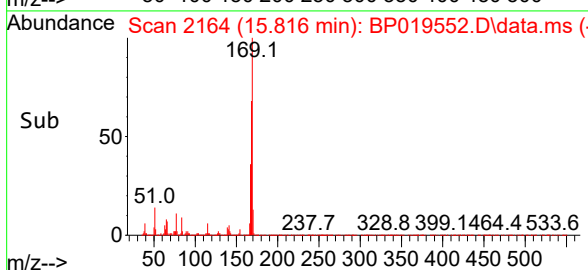
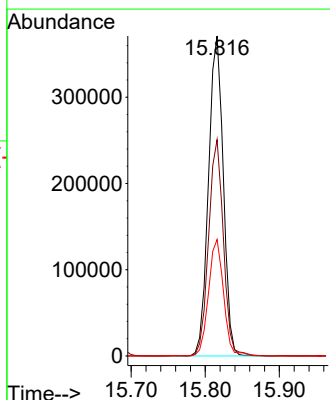
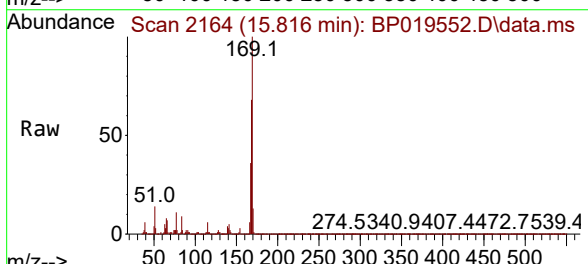
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

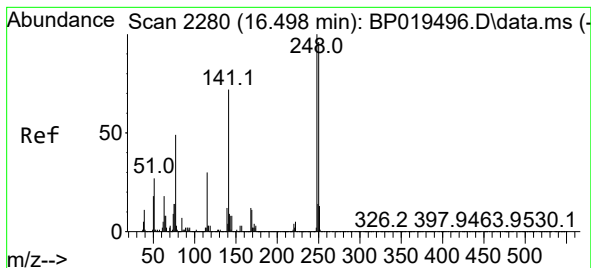
Tgt Ion:	198	Resp:	112020
Ion	Ratio	Lower	Upper
198	100		
51	38.4	21.2	61.2
105	40.7	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 36.726 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: BP019552.D
 Acq: 03 Feb 2024 05:27

Tgt Ion:	169	Resp:	513303
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.4	80.2
167	36.4	28.9	43.3

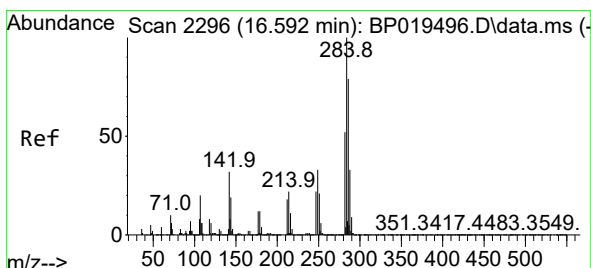
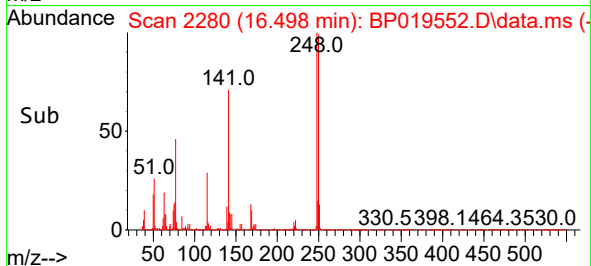
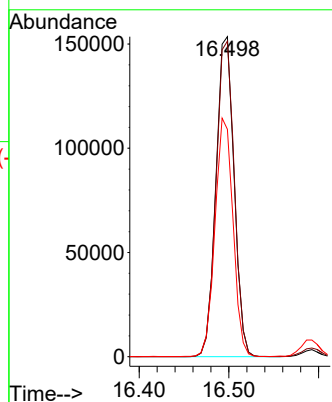
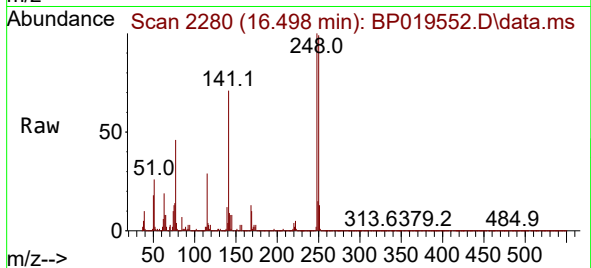




#67
4-Bromophenyl-phenylether
Concen: 36.889 ng
RT: 16.498 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

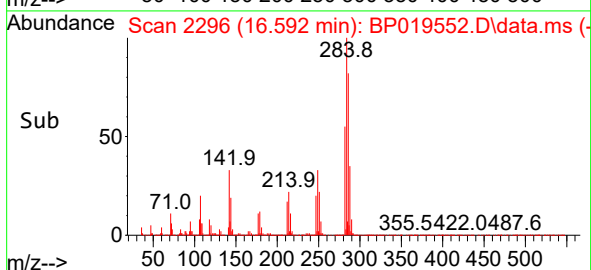
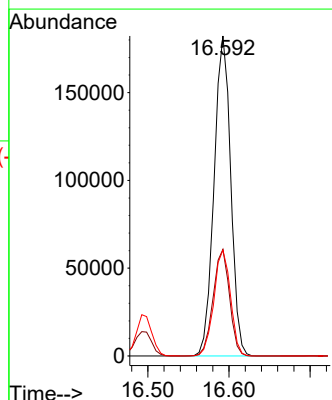
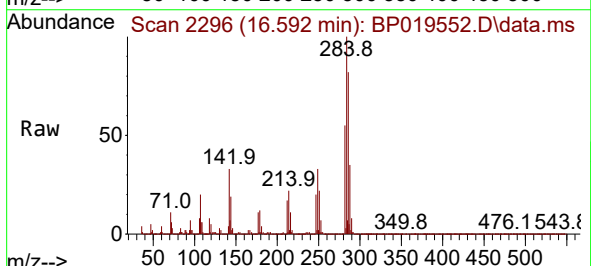
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

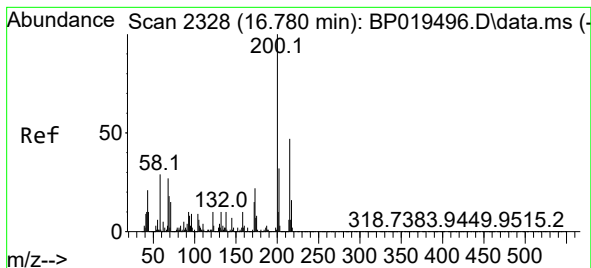
Tgt Ion:248 Resp: 215213
Ion Ratio Lower Upper
248 100
250 98.6 76.9 115.3
141 71.1 58.0 87.0



#68
Hexachlorobenzene
Concen: 38.079 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:284 Resp: 259433
Ion Ratio Lower Upper
284 100
142 33.3 25.4 38.2
249 33.1 26.5 39.7





#69

Atrazine

Concen: 40.951 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

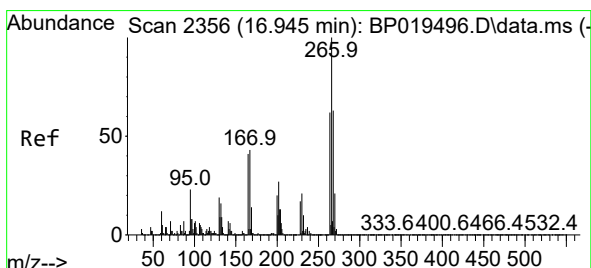
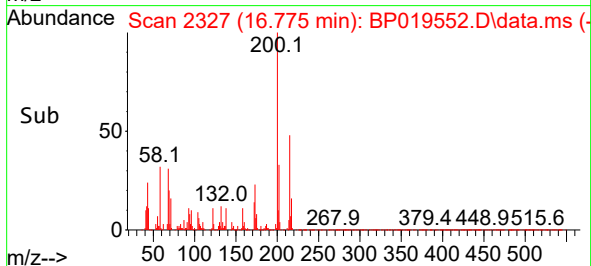
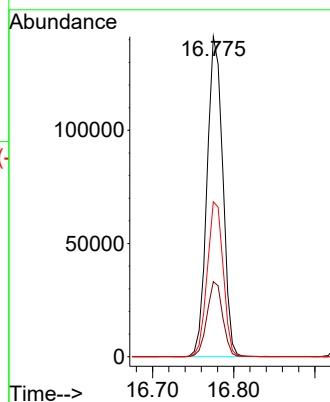
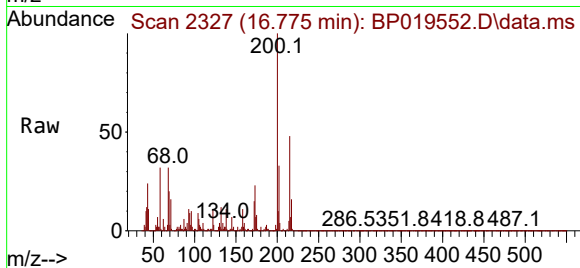
Tgt Ion:200 Resp: 189926

Ion Ratio Lower Upper

200 100

173 23.4 1.7 41.7

215 48.4 26.9 66.9



#70

Pentachlorophenol

Concen: 42.555 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

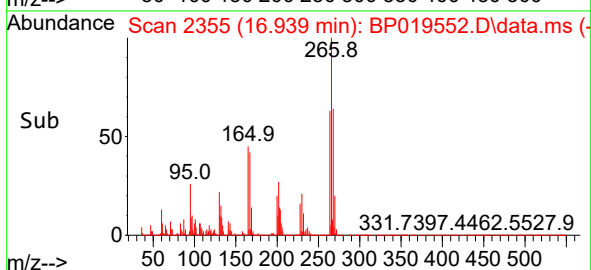
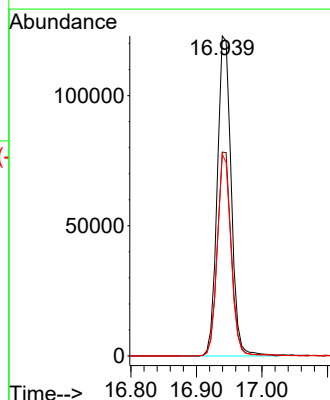
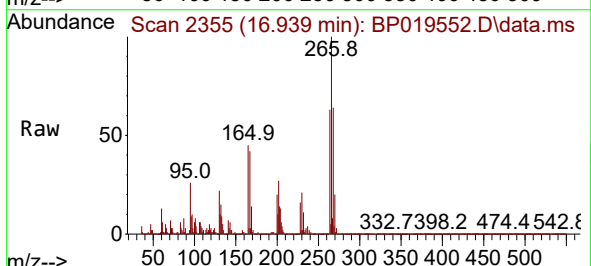
Tgt Ion:266 Resp: 180550

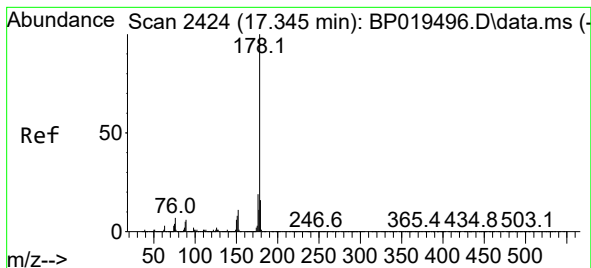
Ion Ratio Lower Upper

266 100

268 63.7 50.3 75.5

264 63.1 49.7 74.5





#71

Phenanthrene

Concen: 39.754 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

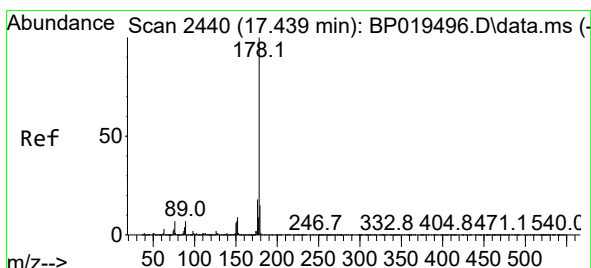
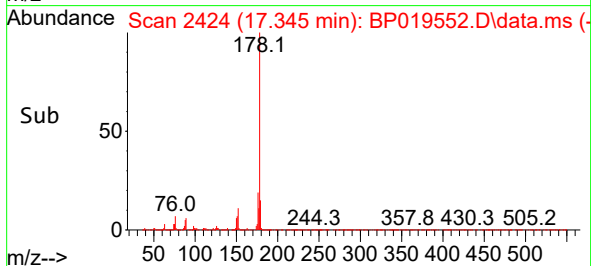
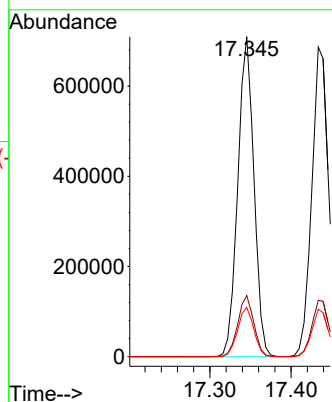
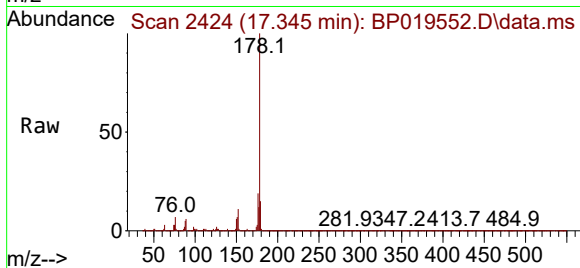
Tgt Ion:178 Resp: 976357

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 40.225 ng

RT: 17.434 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

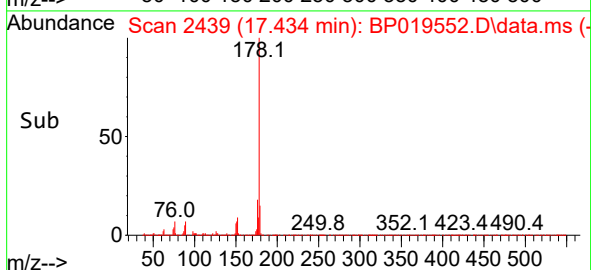
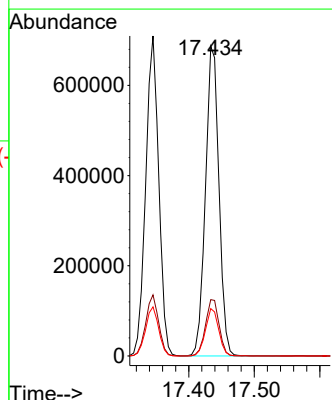
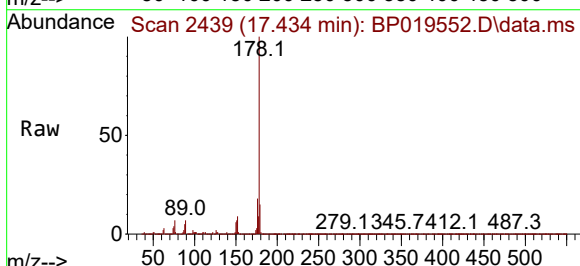
Tgt Ion:178 Resp: 985519

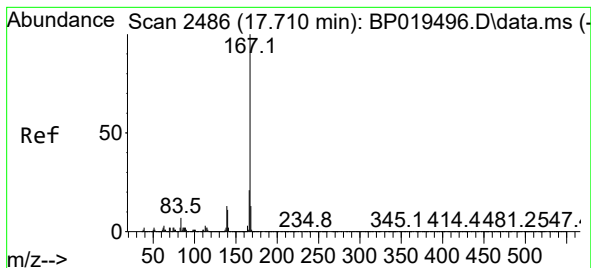
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 42.357 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

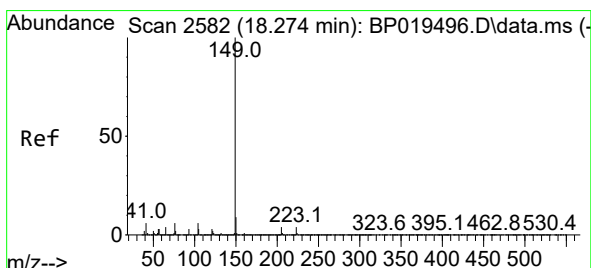
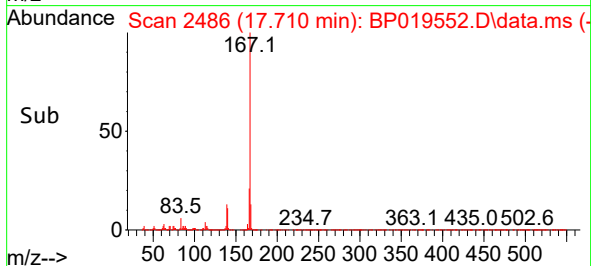
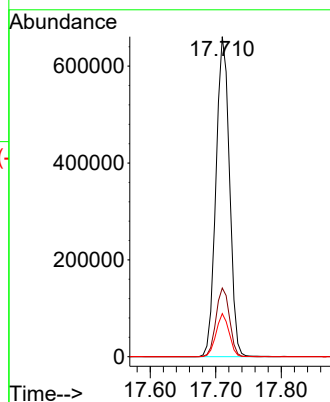
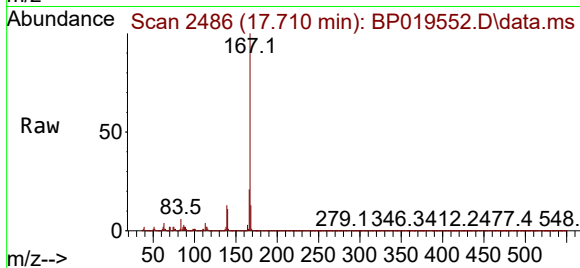
Tgt Ion:167 Resp: 942743

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.413 ng

RT: 18.275 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

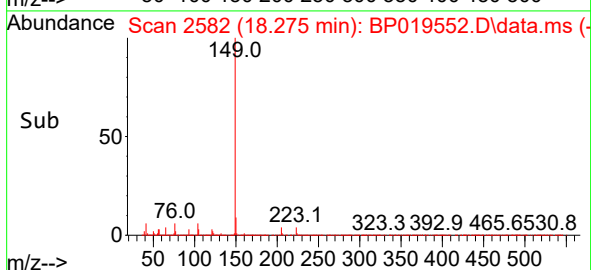
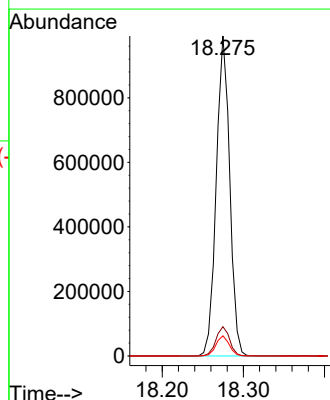
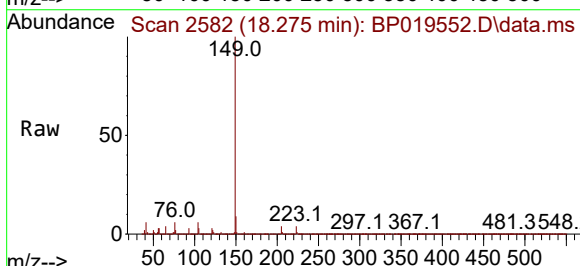
Tgt Ion:149 Resp: 1141402

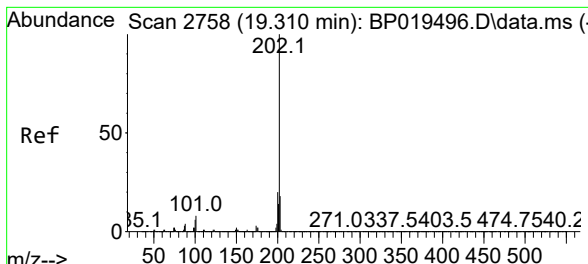
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.3 4.8 7.2



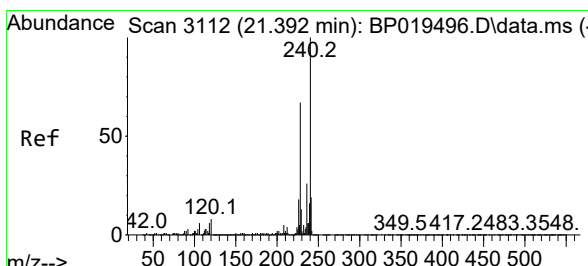
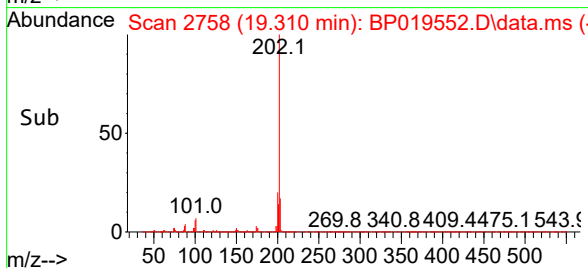
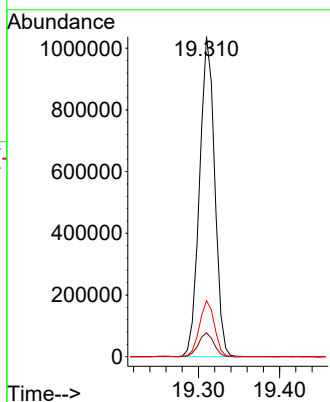
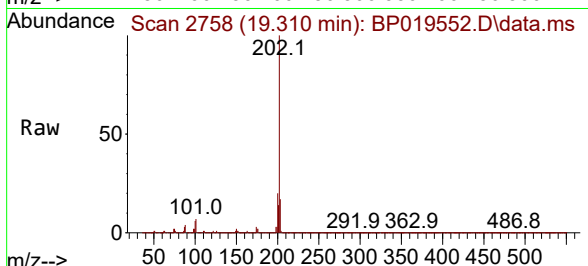


#75
 Fluoranthene
 Concen: 44.726 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019552.D
 Acq: 03 Feb 2024 05:27

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1341901

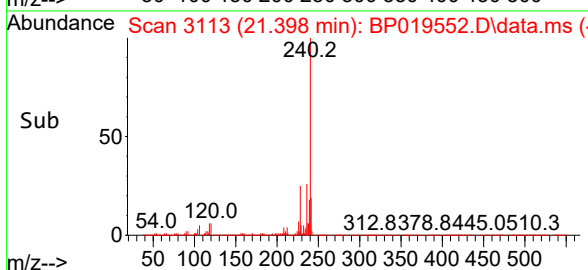
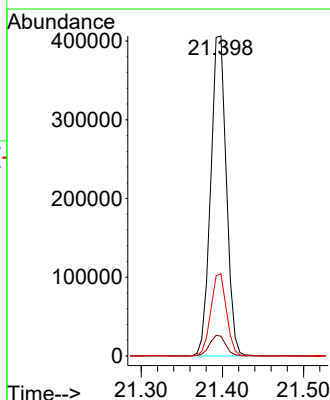
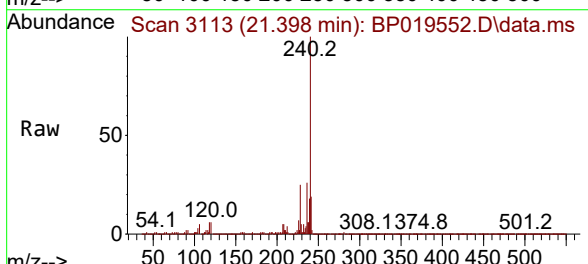
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.5	0.0	37.5

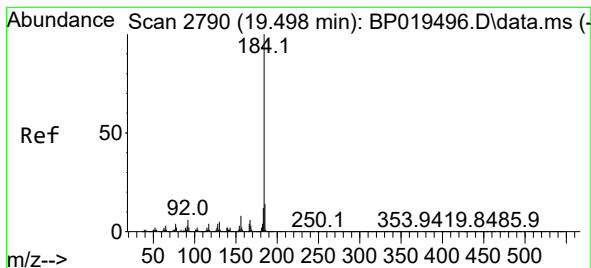


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.398 min Scan# 3113
 Delta R.T. 0.006 min
 Lab File: BP019552.D
 Acq: 03 Feb 2024 05:27

Tgt Ion:240 Resp: 544358

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	25.7	20.7	31.1





#77

Benzidine

Concen: 48.540 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

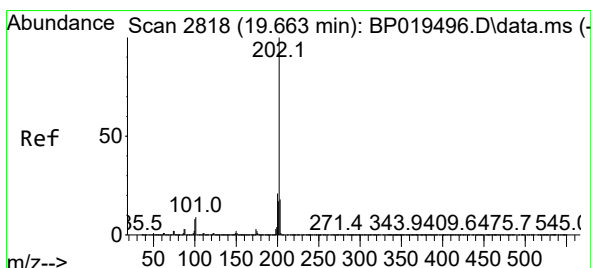
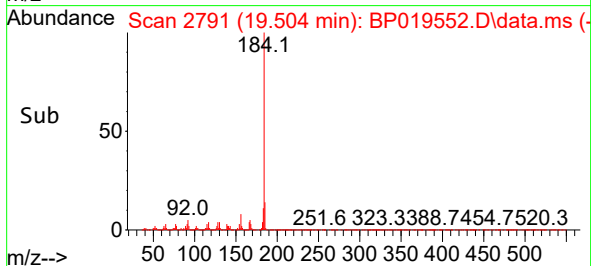
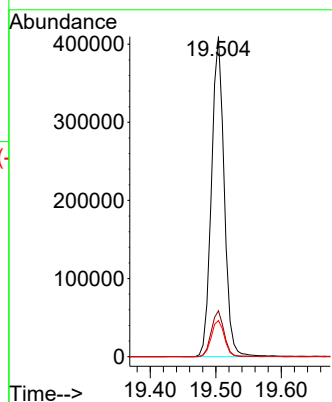
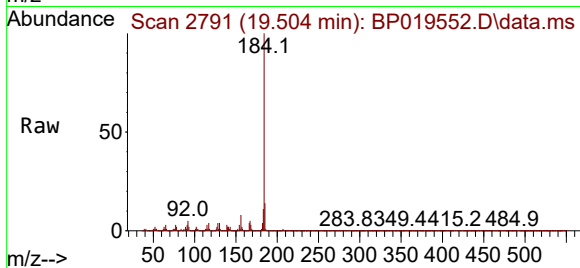
Tgt Ion:184 Resp: 552415

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

183 11.3 9.7 14.5



#78

Pyrene

Concen: 36.687 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

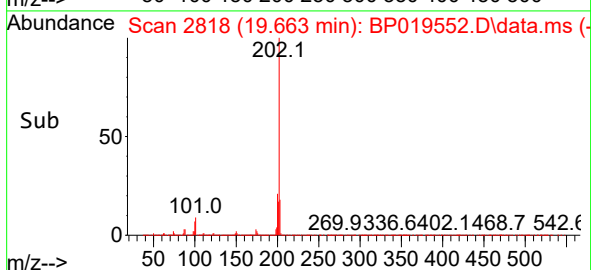
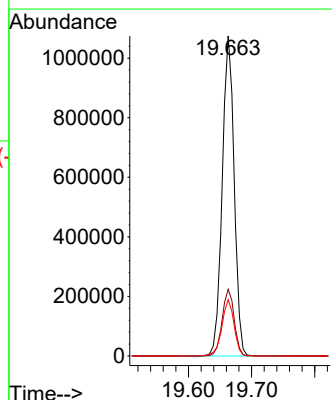
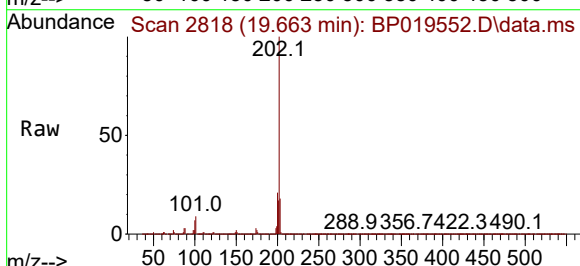
Tgt Ion:202 Resp: 1409447

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 75.736 ng

RT: 19.869 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

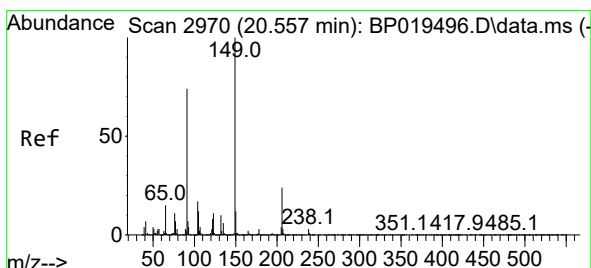
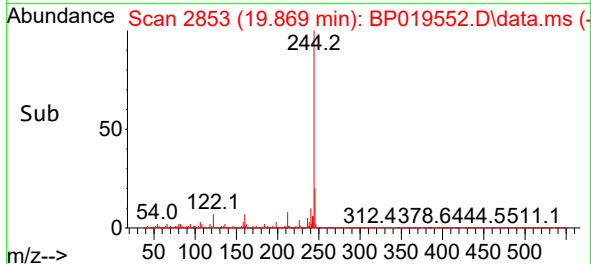
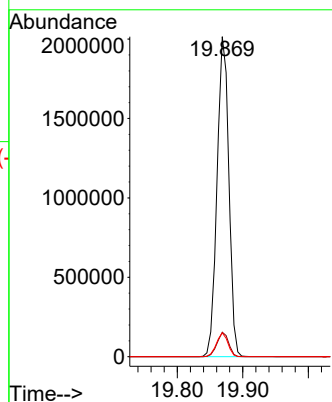
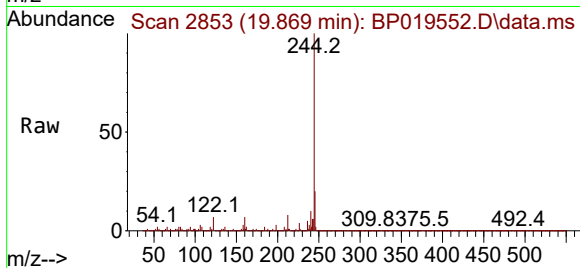
Tgt Ion:244 Resp: 2506939

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 7.4 5.9 8.9



#80

Butylbenzylphthalate

Concen: 38.144 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

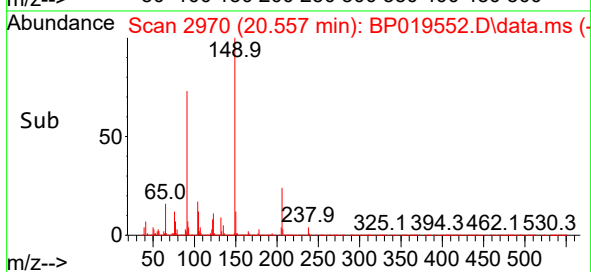
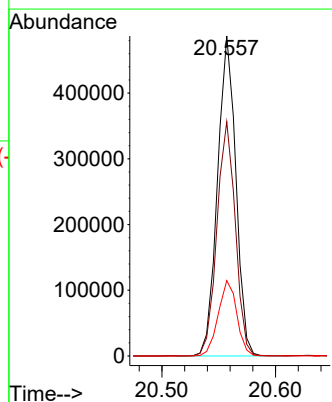
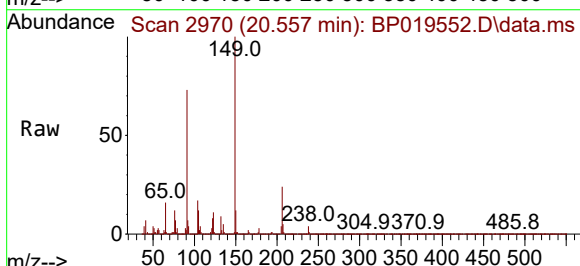
Tgt Ion:149 Resp: 547256

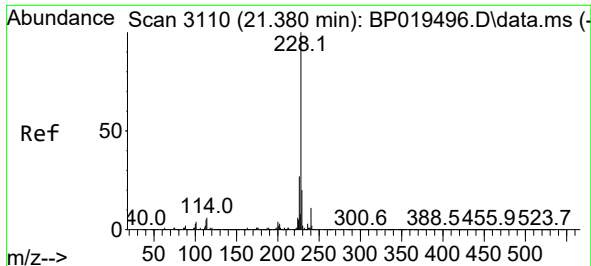
Ion Ratio Lower Upper

149 100

91 73.2 59.4 89.0

206 23.6 19.0 28.6

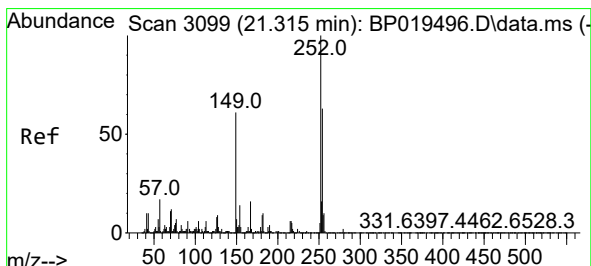
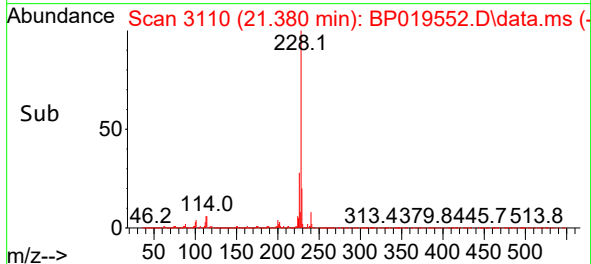
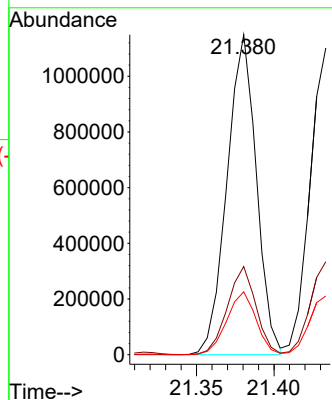
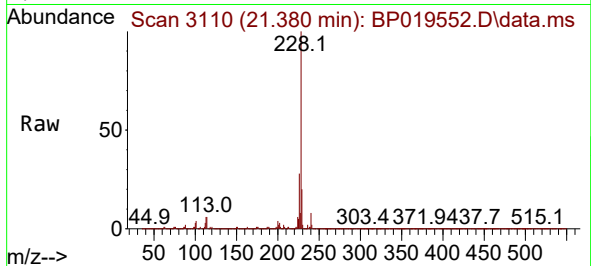




#81
Benzo(a)anthracene
Concen: 39.465 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

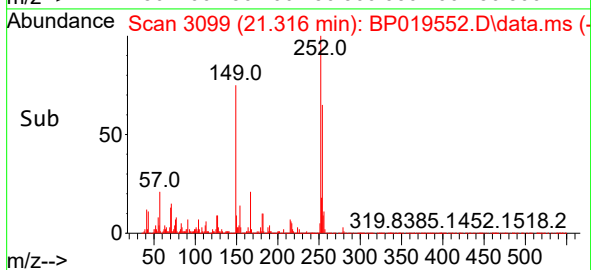
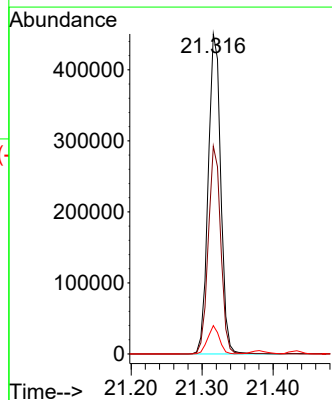
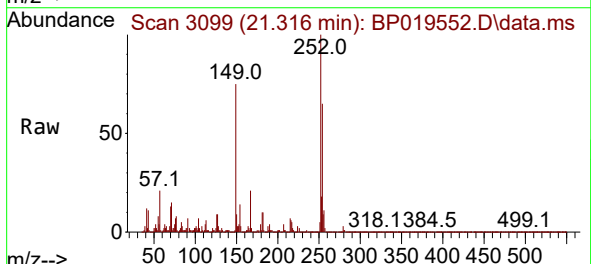
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

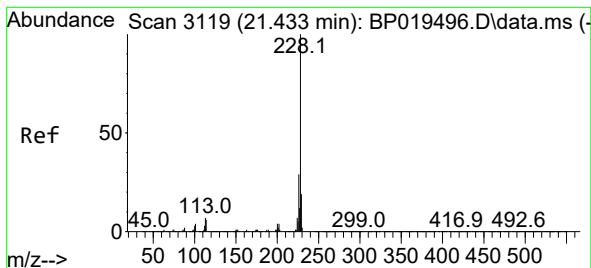
Tgt Ion:228 Resp: 1512256
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.626 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:252 Resp: 553308
Ion Ratio Lower Upper
252 100
254 65.0 50.7 76.1
126 8.8 6.4 9.6





#83

Chrysene

Concen: 39.115 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

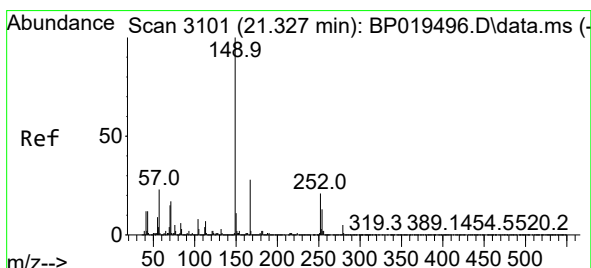
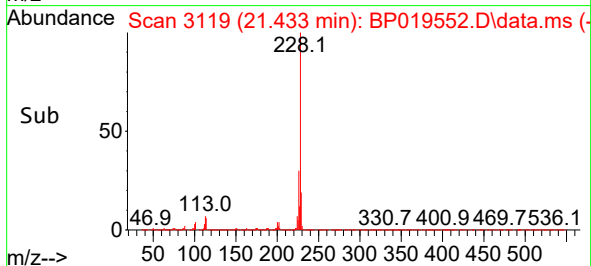
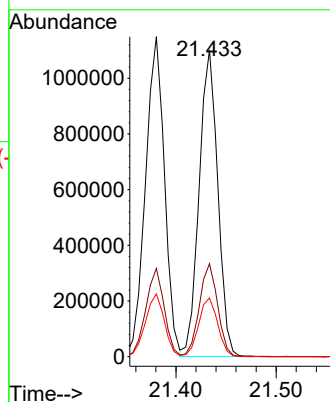
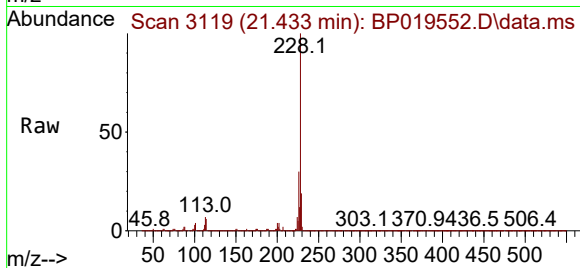
Tgt Ion:228 Resp: 1423003

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.139 ng

RT: 21.327 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

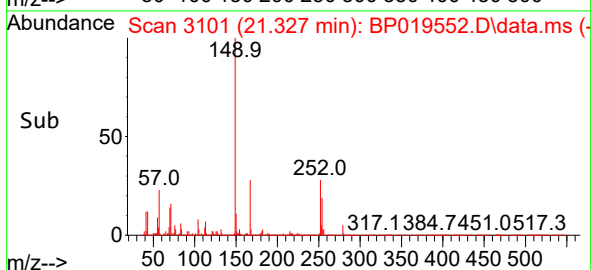
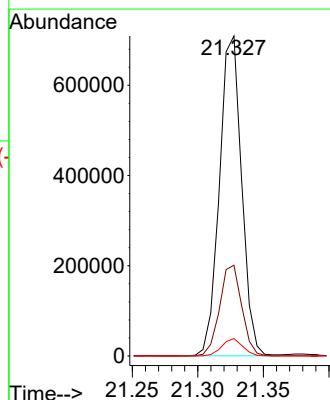
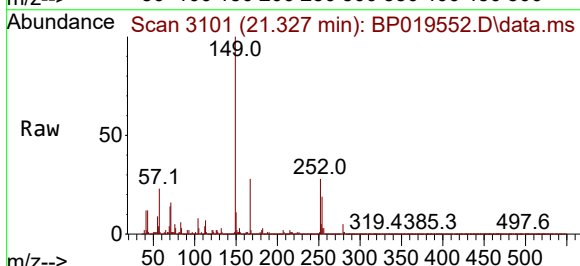
Tgt Ion:149 Resp: 833233

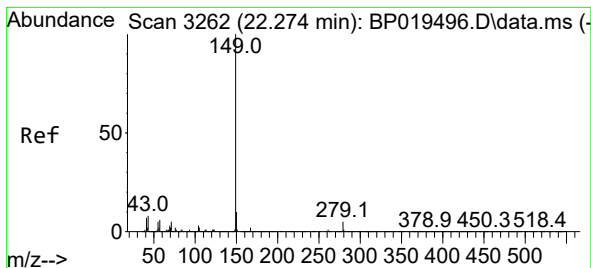
Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 37.933 ng

RT: 22.275 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

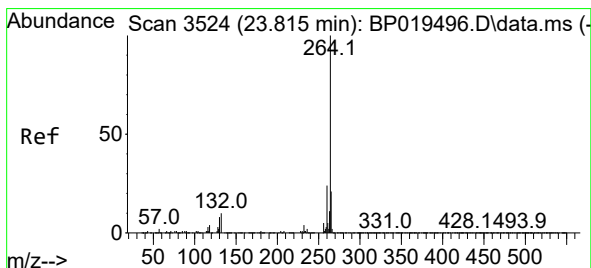
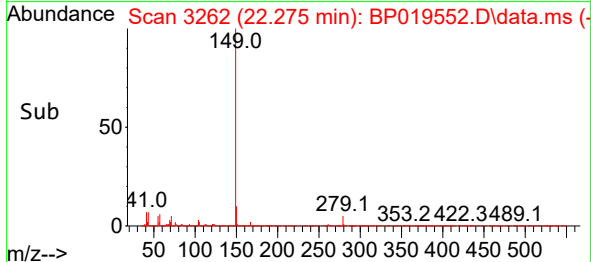
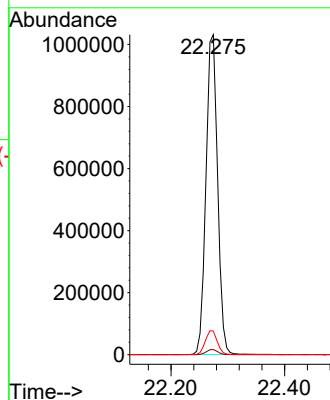
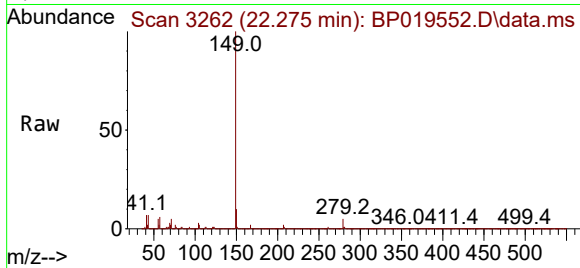
Tgt Ion:149 Resp: 1458072

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

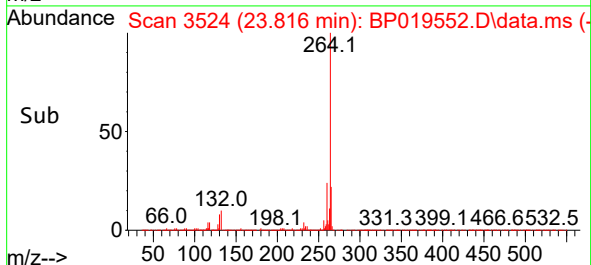
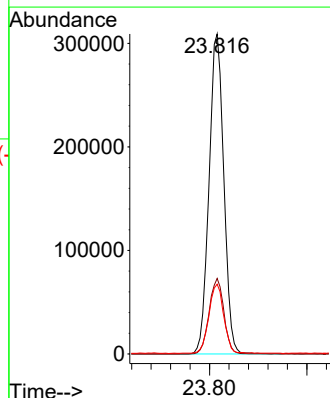
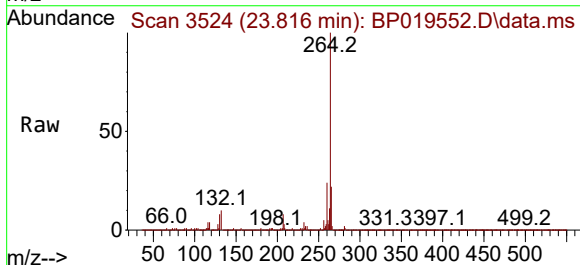
Tgt Ion:264 Resp: 647918

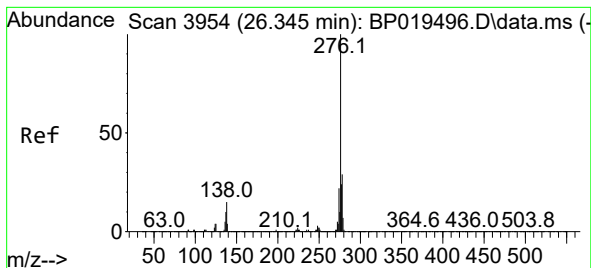
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.342 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

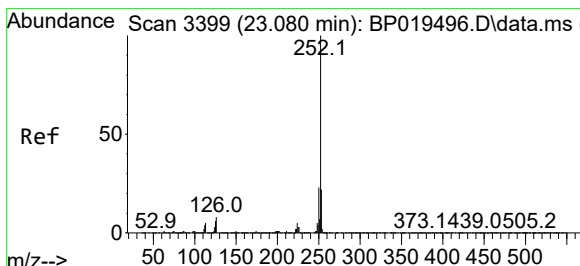
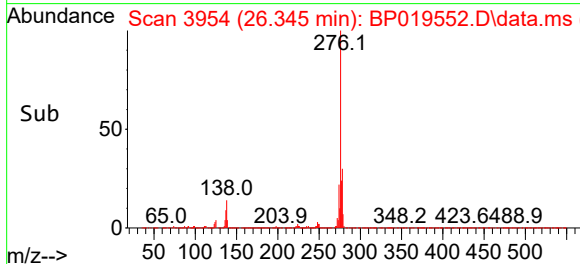
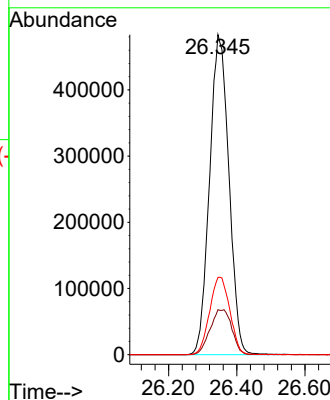
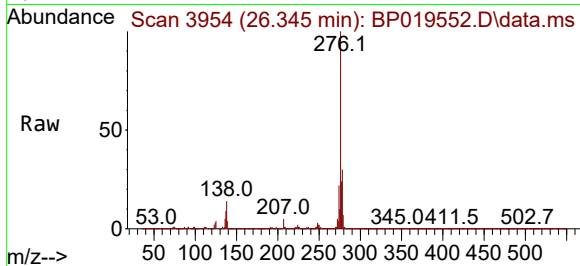
Tgt Ion:276 Resp: 1901620

Ion Ratio Lower Upper

276 100

138 15.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.218 ng

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

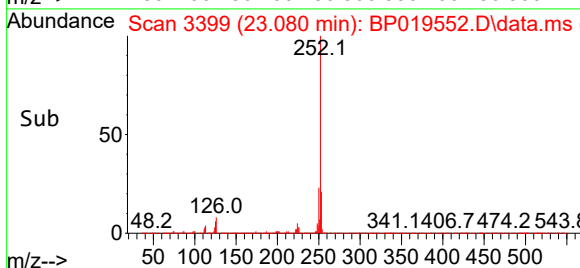
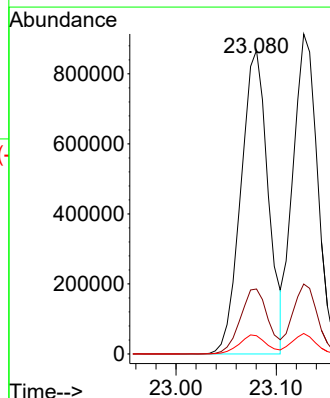
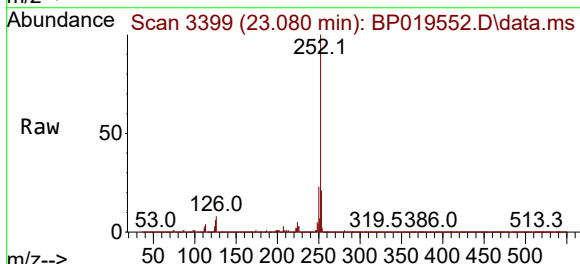
Tgt Ion:252 Resp: 1642320

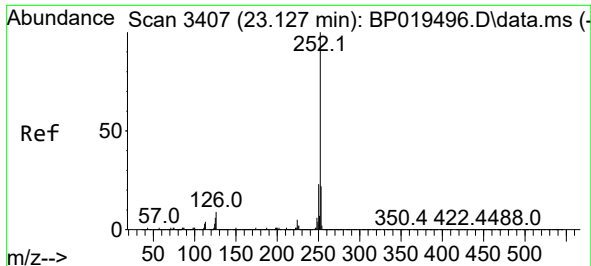
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 6.0 4.9 7.3

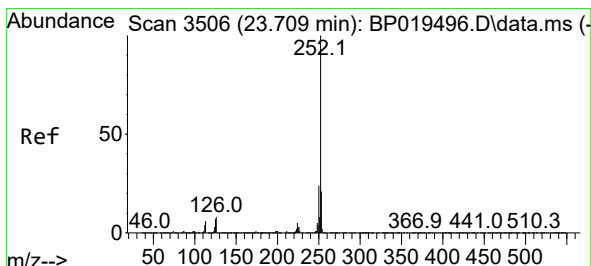
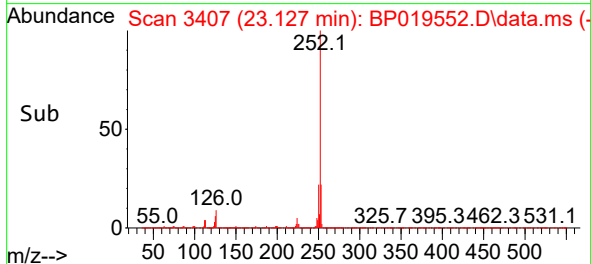
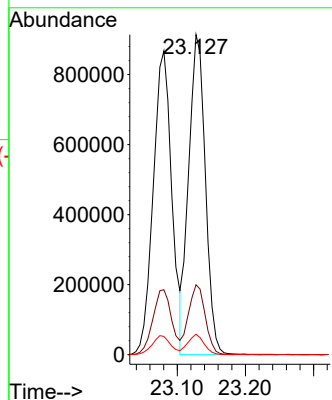
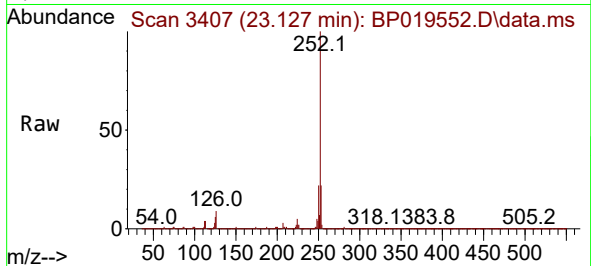




#89
Benzo(k)fluoranthene
Concen: 39.799 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

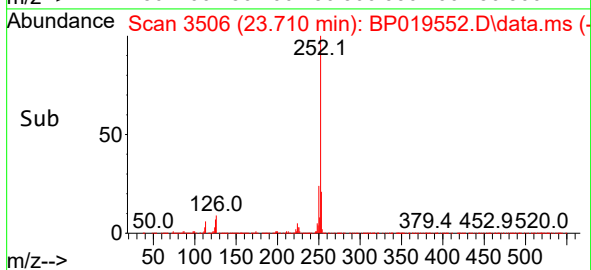
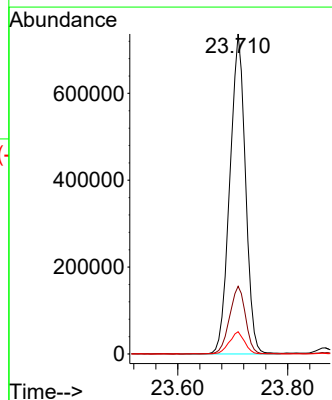
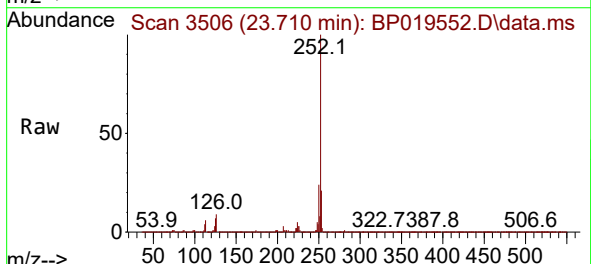
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

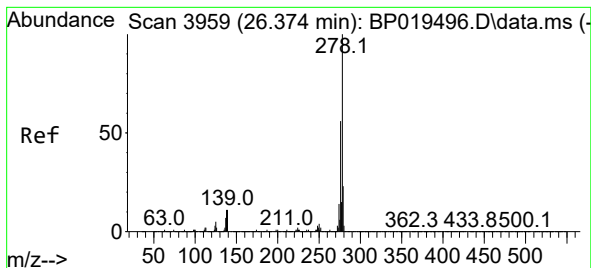
Tgt Ion:252 Resp: 1552463
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.4 5.0 7.6



#90
Benzo(a)pyrene
Concen: 39.969 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019552.D
Acq: 03 Feb 2024 05:27

Tgt Ion:252 Resp: 1452253
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 7.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 38.306 ng

RT: 26.380 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

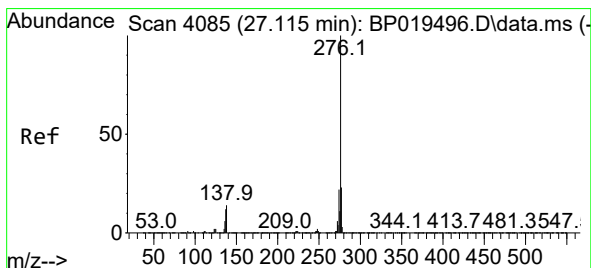
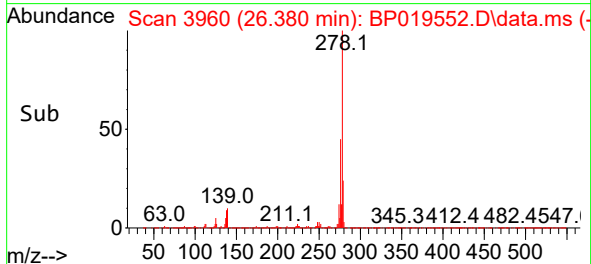
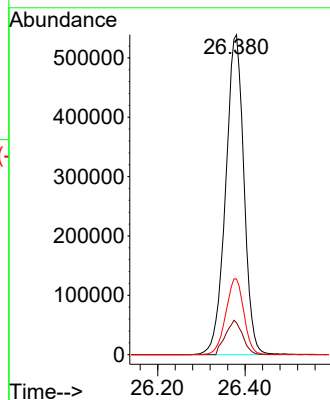
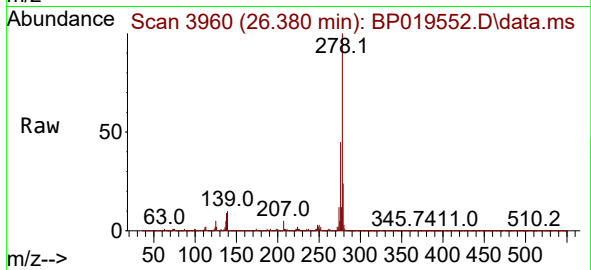
Tgt Ion:278 Resp: 1562501

Ion Ratio Lower Upper

278 100

139 10.0 8.6 12.8

279 23.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 38.069 ng

RT: 27.127 min Scan# 4087

Delta R.T. 0.012 min

Lab File: BP019552.D

Acq: 03 Feb 2024 05:27

Tgt Ion:276 Resp: 1575393

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 13.9 10.9 16.3

