

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016487.D
 Acq On : 03 Aug 2023 12:17
 Operator : MA/JU
 Sample : PB154346BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 03 12:48:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	378944	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1456161	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	797923	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	1593876	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1376056	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1557229	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3307913	142.411	ng	-0.02
7) Phenol-d6	7.211	99	4063144	127.619	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2403736	92.406	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1311730	111.745	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	5026286	90.310	ng	-0.02
79) Terphenyl-d14	20.033	244	6644035	101.994	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	419104	46.262	ng	98
3) Pyridine	3.858	79	1131870	41.798	ng	99
4) n-Nitrosodimethylamine	3.781	42	492323	48.220	ng	99
6) Aniline	7.405	93	1249819	31.782	ng	100
8) 2-Chlorophenol	7.622	128	1231522	50.567	ng	97
9) Benzaldehyde	7.222	77	671155	47.841	ng	97
10) Phenol	7.240	94	1546009	50.003	ng	99
11) bis(2-Chloroethyl)ether	7.499	93	1200029	47.747	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1337358	51.151	ng	97
13) 1,4-Dichlorobenzene	8.110	146	1362846	51.387	ng	100
14) 1,2-Dichlorobenzene	8.422	146	1294179	50.682	ng	99
15) Benzyl Alcohol	8.322	79	1032687	47.477	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1370888	48.096	ng	99
17) 2-Methylphenol	8.505	107	1014936	45.548	ng	98
18) Hexachloroethane	9.146	117	493105	52.126	ng	94
19) n-Nitroso-di-n-propyla...	8.893	70	850268	42.629	ng	98
20) 3+4-Methylphenols	8.840	107	1346207	44.484	ng	99
22) Acetophenone	8.916	105	1771726	48.190	ng	# 99
24) Nitrobenzene	9.310	77	1304223	48.815	ng	97
25) Isophorone	9.828	82	2339231	44.542	ng	99
26) 2-Nitrophenol	10.016	139	586102	50.708	ng	96
27) 2,4-Dimethylphenol	10.052	122	1066920	45.410	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1499885	46.625	ng	100
29) 2,4-Dichlorophenol	10.540	162	1069429	48.636	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	1138546	47.805	ng	99
31) Naphthalene	10.957	128	3547930	46.581	ng	99
32) Benzoic acid	10.175	122	715552	46.626	ng	97
33) 4-Chloroaniline	11.081	127	724533	21.088	ng	98
34) Hexachlorobutadiene	11.193	225	648298	45.977	ng	99
35) Caprolactam	11.899	113	342559	42.635	ng	99
36) 4-Chloro-3-methylphenol	12.175	107	1128828	46.184	ng	98
37) 2-Methylnaphthalene	12.551	142	2349148	42.454	ng	98
38) 1-Methylnaphthalene	12.775	142	2243391	43.245	ng	99
40) 1,2,4,5-Tetrachloroben...	12.898	216	1175580	48.481	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1455251	119.495	ng	99
43) 2,4,6-Trichlorophenol	13.151	196	795175	51.109	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016487.D
 Acq On : 03 Aug 2023 12:17
 Operator : MA/JU
 Sample : PB154346BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

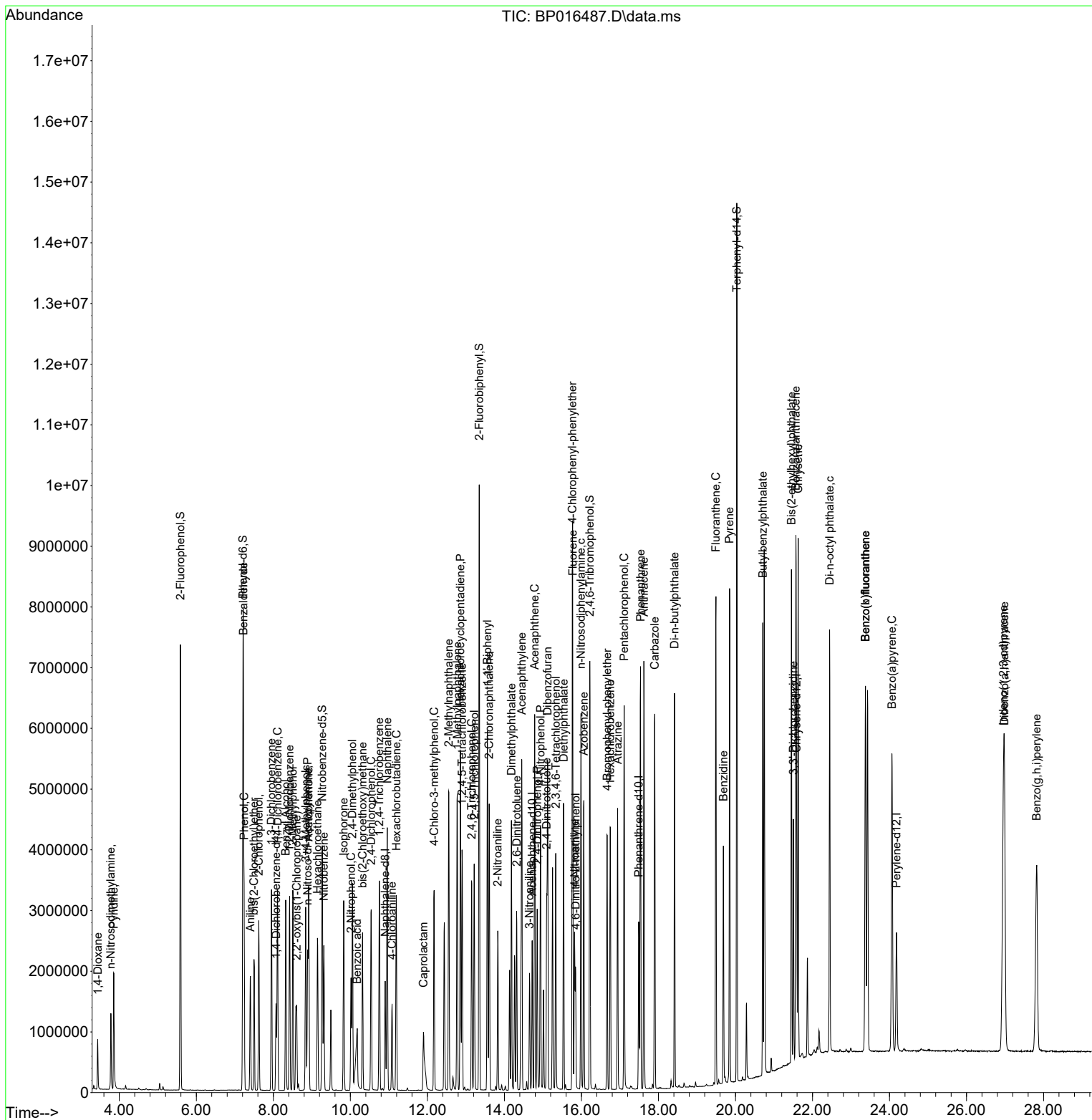
Instrument :
 BNA_P
 ClientSampleId :

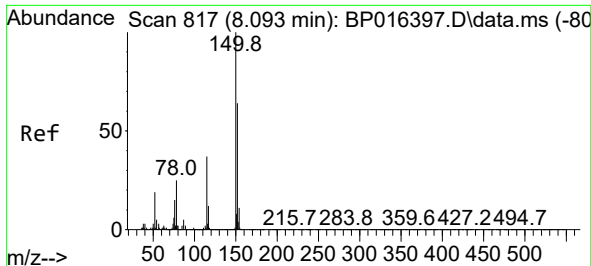
Quant Time: Aug 03 12:48:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	877847	46.506	ng	96
46) 1,1'-Biphenyl	13.557	154	2961720	48.693	ng	99
47) 2-Chloronaphthalene	13.604	162	2296563	50.047	ng	99
48) 2-Nitroaniline	13.828	65	668058	51.648	ng	96
49) Acenaphthylene	14.451	152	3720804	48.869	ng	99
50) Dimethylphthalate	14.181	163	2795800	44.964	ng	100
51) 2,6-Dinitrotoluene	14.316	165	605442	47.530	ng	90
52) Acenaphthene	14.787	154	2125596	46.948	ng	100
53) 3-Nitroaniline	14.651	138	455940	31.660	ng	91
54) 2,4-Dinitrophenol	14.851	184	585719	96.459	ng	97
55) Dibenzofuran	15.122	168	3388391	45.632	ng	99
56) 4-Nitrophenol	14.940	139	1150451	102.052	ng	99
57) 2,4-Dinitrotoluene	15.098	165	816986	49.213	ng	97
58) Fluorene	15.775	166	2676044	45.872	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	721116	46.441	ng	93
60) Diethylphthalate	15.540	149	2732578	44.222	ng	98
61) 4-Chlorophenyl-phenyle...	15.763	204	1285326	43.662	ng	96
62) 4-Nitroaniline	15.822	138	627151	43.881	ng	98
63) Azobenzene	16.063	77	2733411	46.848	ng	97
65) 4,6-Dinitro-2-methylph...	15.851	198	390641	51.772	ng	98
66) n-Nitrosodiphenylamine	15.987	169	2335724	49.725	ng	100
67) 4-Bromophenyl-phenylether	16.669	248	787690	46.672	ng	96
68) Hexachlorobenzene	16.751	284	900786	47.861	ng	96
69) Atrazine	16.939	200	797192	57.066	ng	99
70) Pentachlorophenol	17.110	266	1048440	80.497	ng	96
71) Phenanthrene	17.534	178	4105061	48.504	ng	99
72) Anthracene	17.622	178	4153459	48.805	ng	100
73) Carbazole	17.904	167	3859893	48.377	ng	99
74) Di-n-butylphthalate	18.416	149	4585189	49.672	ng	99
75) Fluoranthene	19.492	202	4584193	46.212	ng	99
77) Benzidine	19.686	184	1978342	82.923	ng	99
78) Pyrene	19.845	202	4754666	51.544	ng	100
80) Butylbenzylphthalate	20.710	149	2026933	55.933	ng	97
81) Benzo(a)anthracene	21.569	228	4524347	49.003	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1098323	36.239	ng	# 99
83) Chrysene	21.627	228	4160648	47.192	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2899652	53.295	ng	98
85) Di-n-octyl phthalate	22.445	149	5005740	54.705	ng	99
87) Indeno(1,2,3-cd)pyrene	26.957	276	5473319	52.134	ng	97
88) Benzo(b)fluoranthene	23.374	252	4714418	52.227	ng	99
89) Benzo(k)fluoranthene	23.374	252	4714418	51.353	ng	98
90) Benzo(a)pyrene	24.063	252	4073580	46.591	ng	98
91) Dibenzo(a,h)anthracene	26.986	278	4565808	52.149	ng	97
92) Benzo(g,h,i)perylene	27.821	276	4379438	51.907	ng	97

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

Quant Time: Aug 03 12:48:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

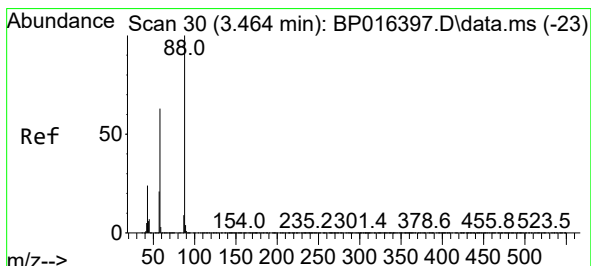
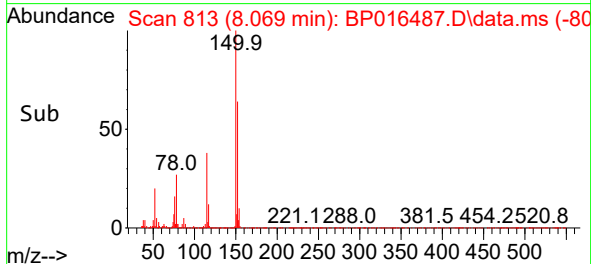
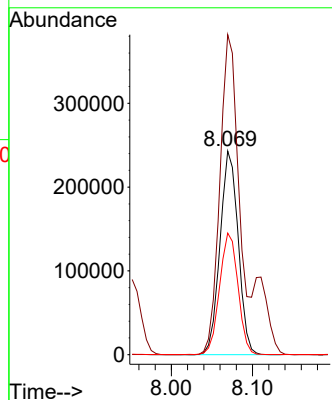
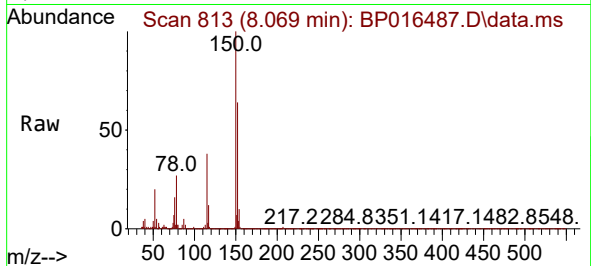




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.069 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP016487.D
 Acq: 03 Aug 2023 12:17

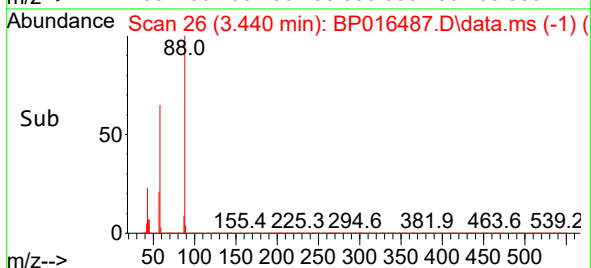
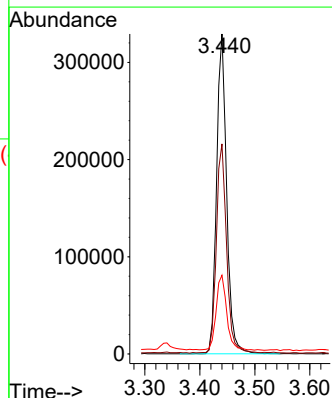
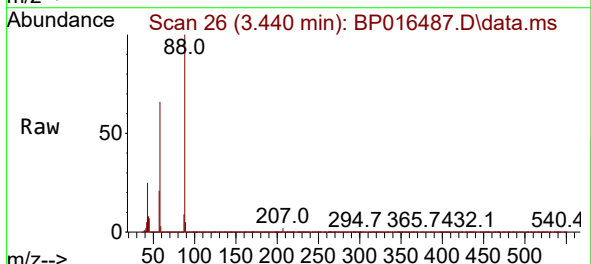
Instrument :
 BNA_P
 ClientSampleId :

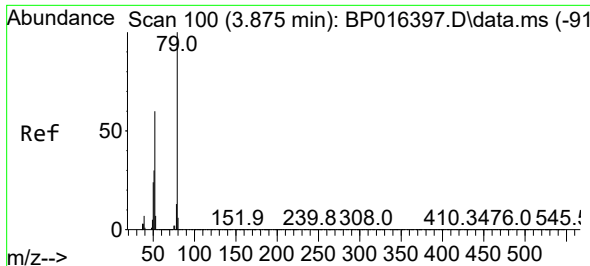
Tgt Ion:152 Resp: 378944
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.9 187.3
 115 59.7 46.8 70.2



#2
 1,4-Dioxane
 Concen: 46.262 ng
 RT: 3.440 min Scan# 26
 Delta R.T. -0.024 min
 Lab File: BP016487.D
 Acq: 03 Aug 2023 12:17

Tgt Ion: 88 Resp: 419104
 Ion Ratio Lower Upper
 88 100
 58 66.5 51.7 77.5
 43 24.8 19.2 28.8

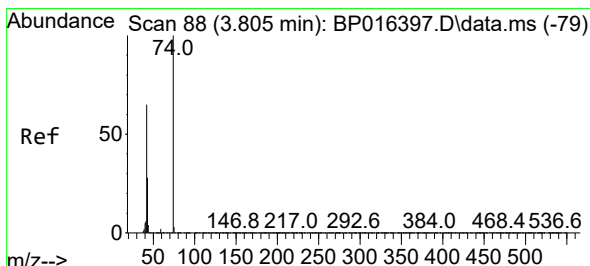
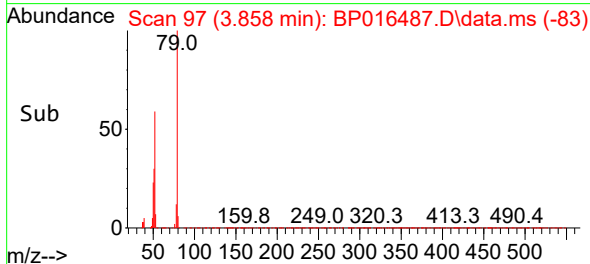
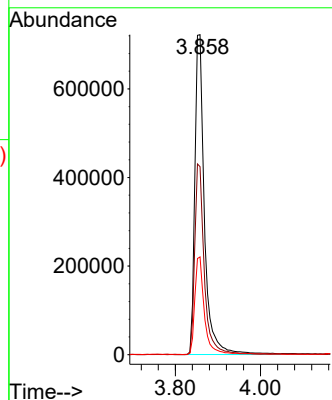
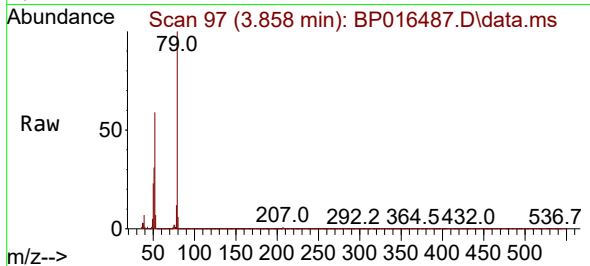




#3
Pyridine
Concen: 41.798 ng
RT: 3.858 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

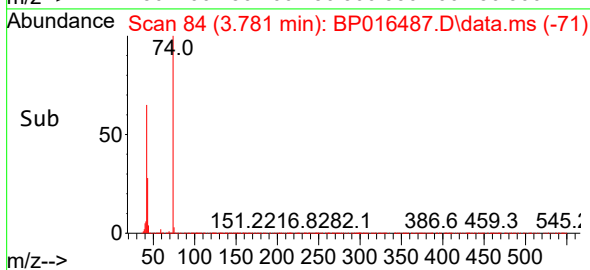
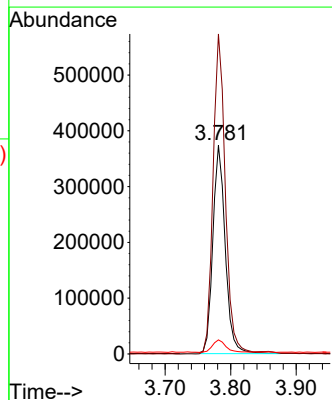
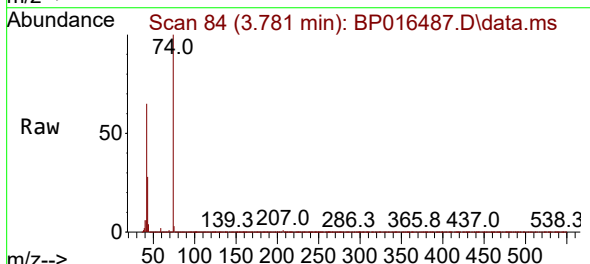
Instrument :
BNA_P
ClientSampleId :

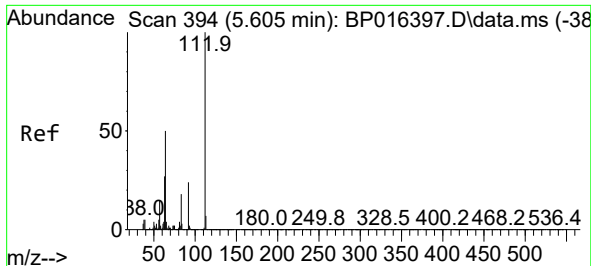
Tgt Ion: 79 Resp: 1131870
Ion Ratio Lower Upper
79 100
52 58.7 47.9 71.9
51 30.6 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 48.220 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion: 42 Resp: 492323
Ion Ratio Lower Upper
42 100
74 153.3 123.8 185.8
44 6.8 5.5 8.3

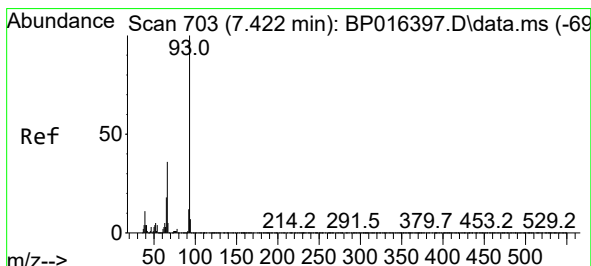
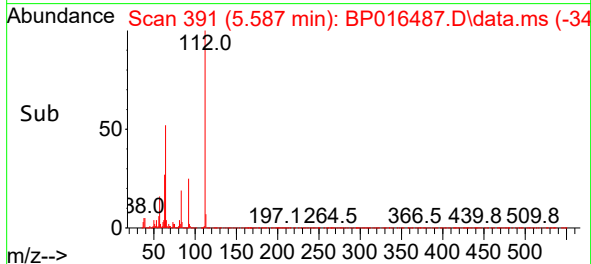
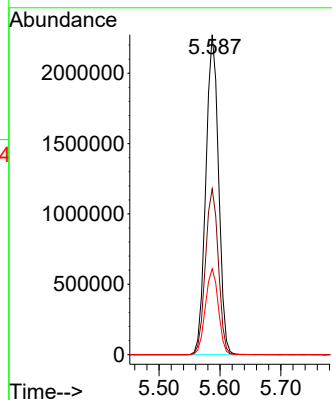
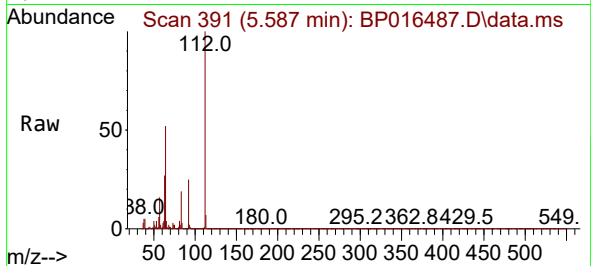




#5
2-Fluorophenol
Concen: 142.411 ng
RT: 5.587 min Scan# 394
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

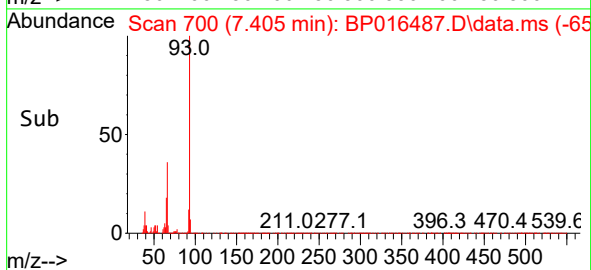
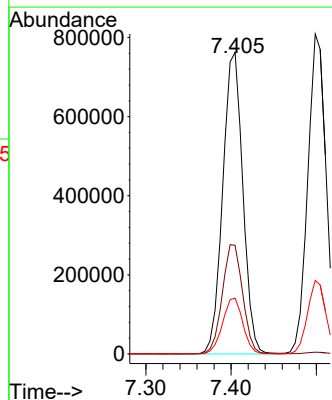
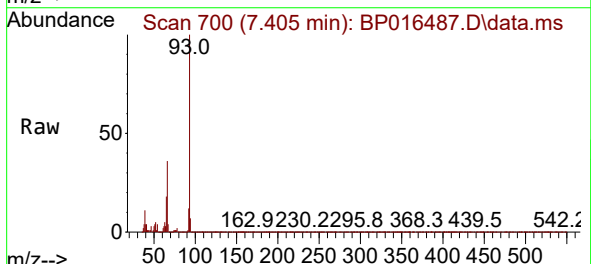
Instrument :
BNA_P
ClientSampleId :

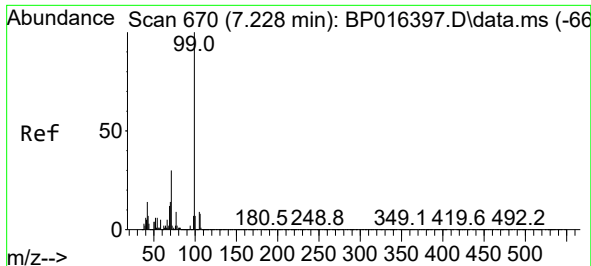
Tgt Ion:112 Resp: 3307913
Ion Ratio Lower Upper
112 100
64 51.9 40.0 60.0
63 26.8 21.2 31.8



#6
Aniline
Concen: 31.782 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion: 93 Resp: 1249819
Ion Ratio Lower Upper
93 100
66 36.0 28.9 43.3
65 18.5 14.7 22.1





#7

Phenol-d6

Concen: 127.619 ng

RT: 7.211 min Scan# 61

Delta R.T. -0.018 min

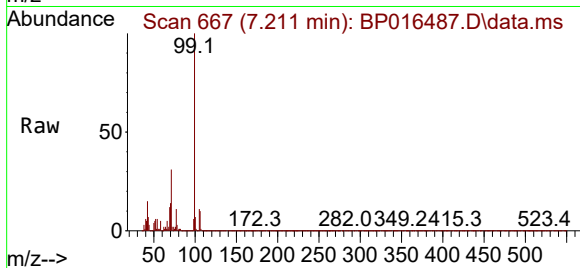
Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :



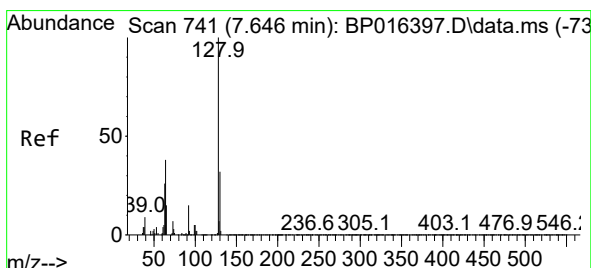
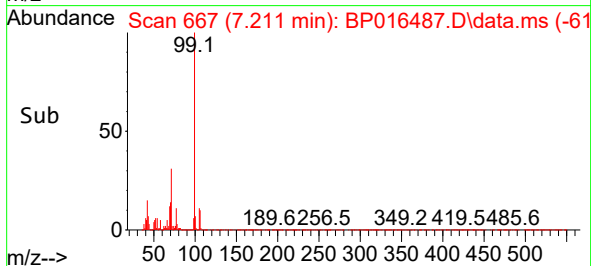
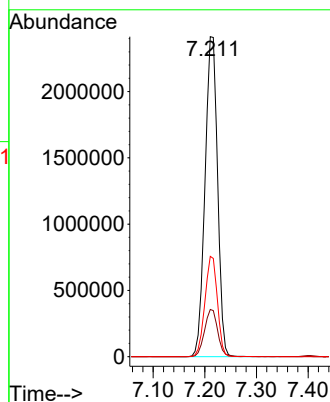
Tgt Ion: 99 Resp: 4063144

Ion Ratio Lower Upper

99 100

42 14.8 11.6 17.4

71 31.3 24.3 36.5



#8

2-Chlorophenol

Concen: 50.567 ng

RT: 7.622 min Scan# 737

Delta R.T. -0.024 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

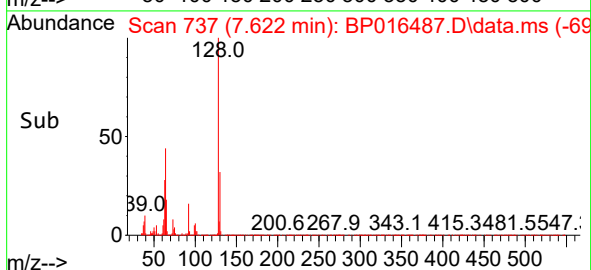
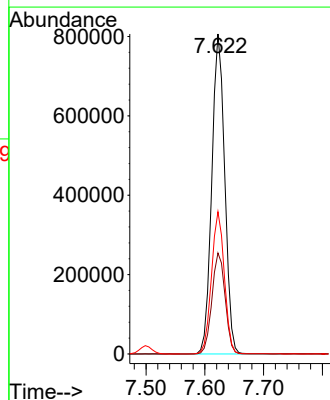
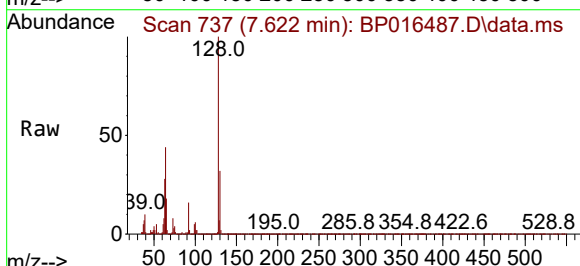
Tgt Ion:128 Resp: 1231522

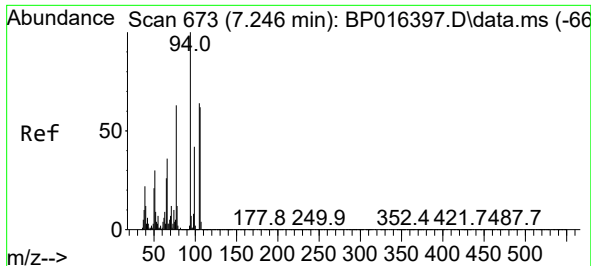
Ion Ratio Lower Upper

128 100

130 31.6 11.6 51.6

64 44.4 20.6 60.6

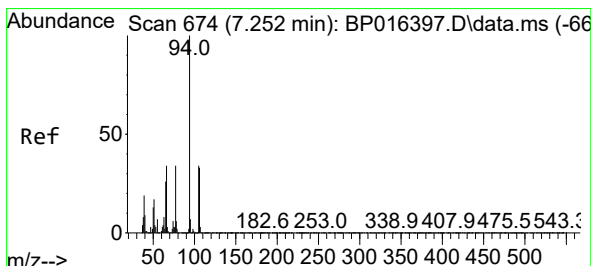
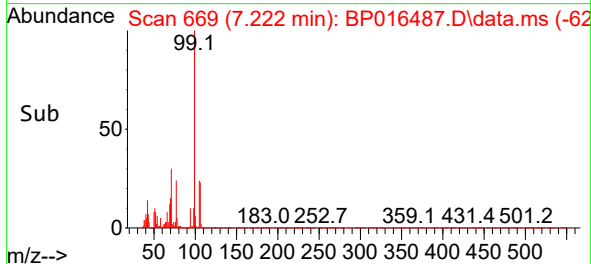
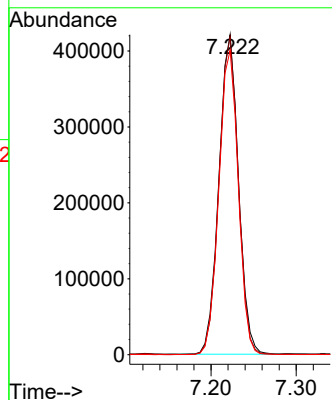
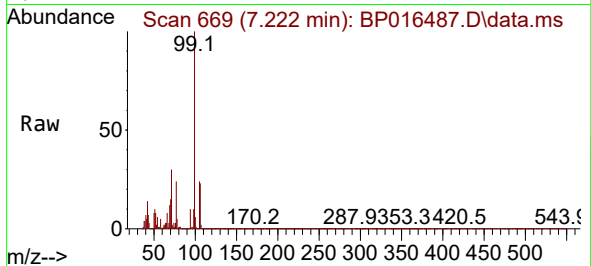




#9
Benzaldehyde
Concen: 47.841 ng
RT: 7.222 min Scan# 611
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

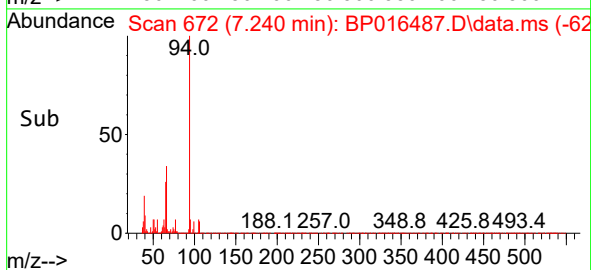
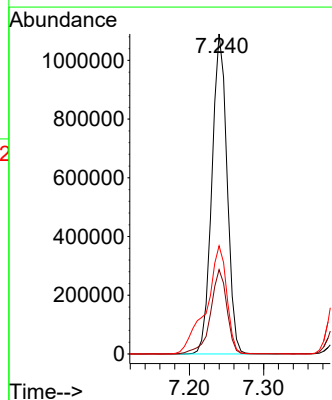
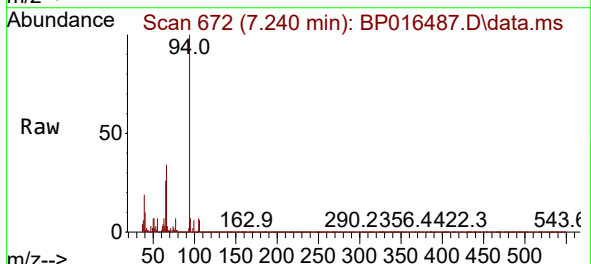
Instrument :
BNA_P
ClientSampleId :

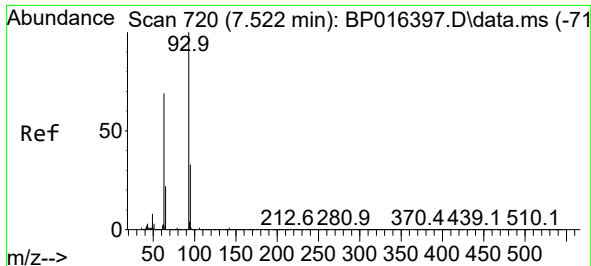
Tgt Ion: 77 Resp: 671155
Ion Ratio Lower Upper
77 100
105 99.3 81.9 121.9
106 95.1 78.8 118.8



#10
Phenol
Concen: 50.003 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

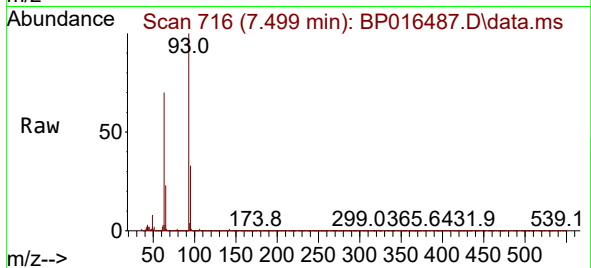
Tgt Ion: 94 Resp: 1546009
Ion Ratio Lower Upper
94 100
65 26.4 5.9 45.9
66 33.8 14.3 54.3





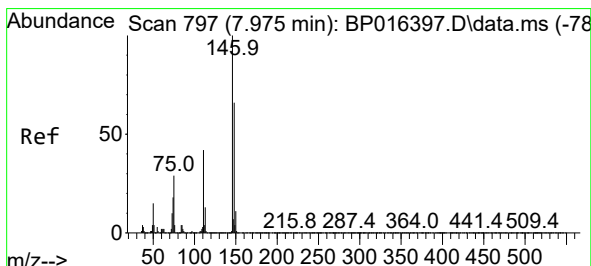
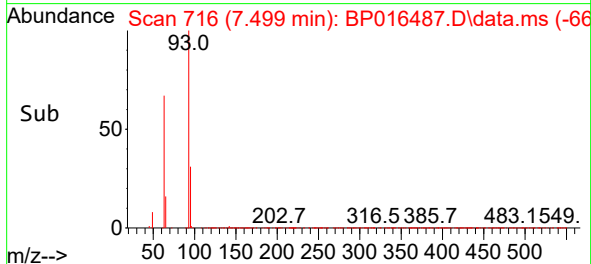
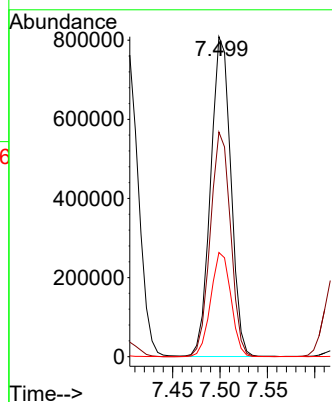
#11
bis(2-Chloroethyl)ether
Concen: 47.747 ng
RT: 7.499 min Scan# 716
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1200029

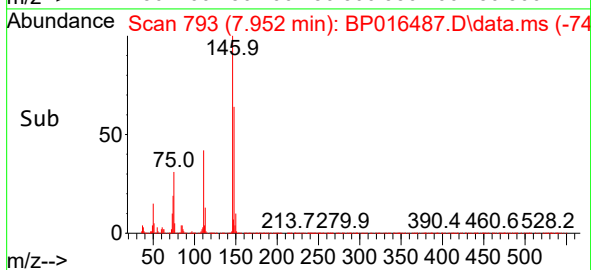
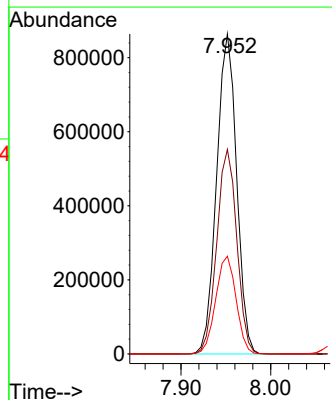
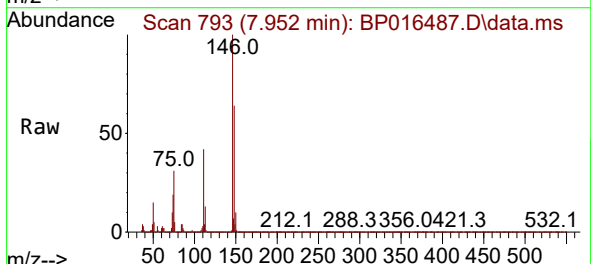
Ion	Ratio	Lower	Upper
93	100		
63	70.2	49.4	89.4
95	32.6	12.9	52.9

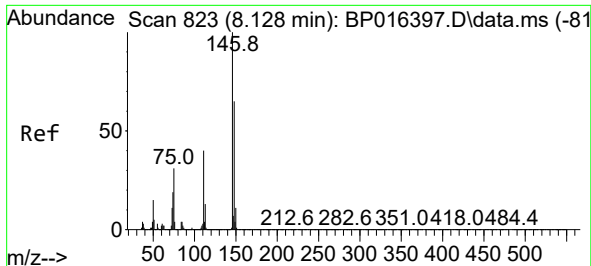


#12
1,3-Dichlorobenzene
Concen: 51.151 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:146 Resp: 1337358

Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.0	79.4
75	30.6	23.4	35.2

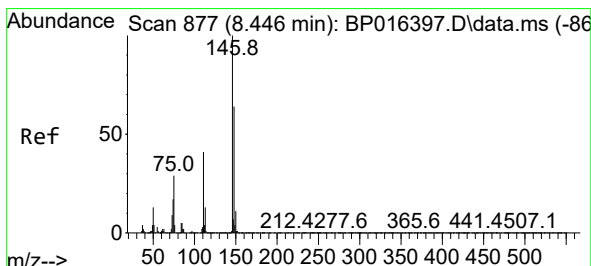
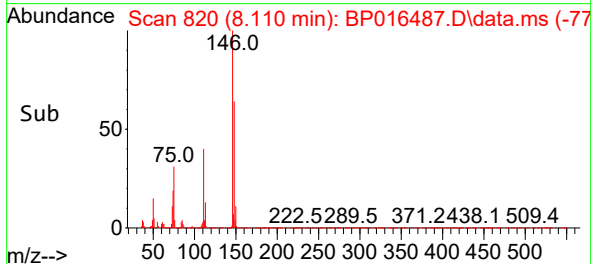
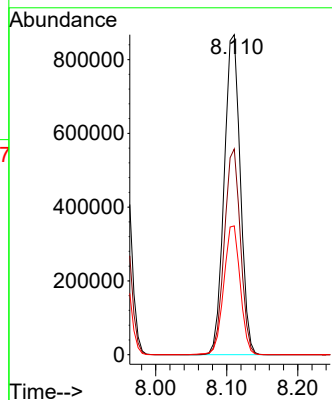
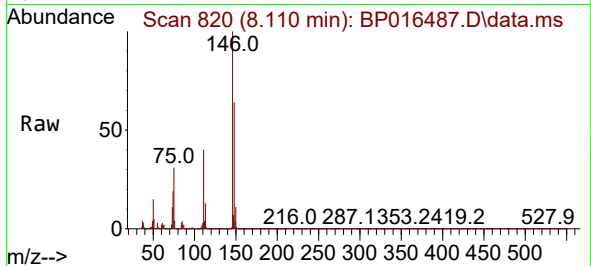




#13
1,4-Dichlorobenzene
Concen: 51.387 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

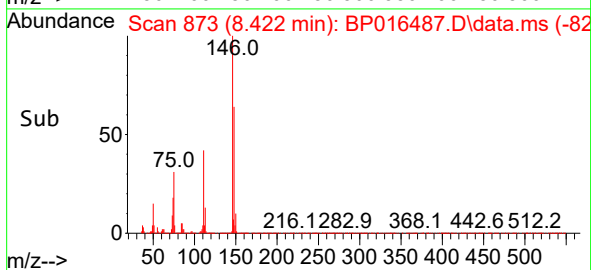
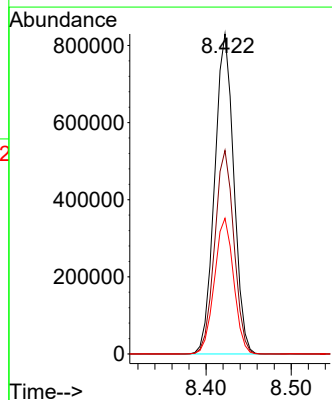
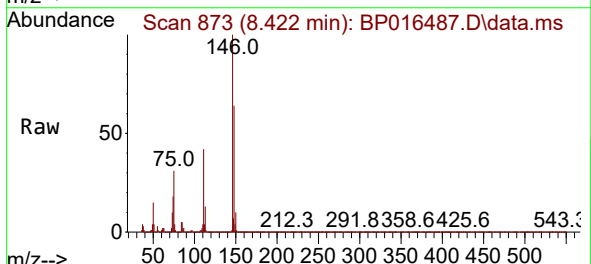
Instrument :
BNA_P
ClientSampleId :

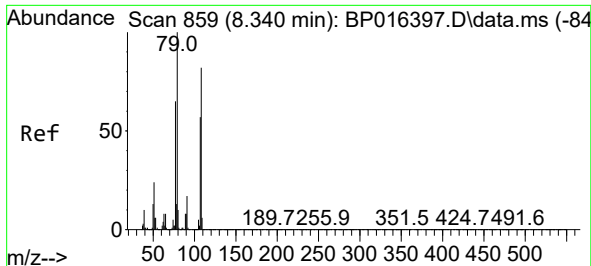
Tgt Ion:146 Resp: 1362846
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 40.2 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 50.682 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:146 Resp: 1294179
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 42.4 32.6 49.0

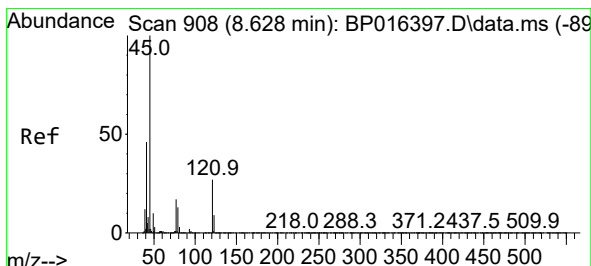
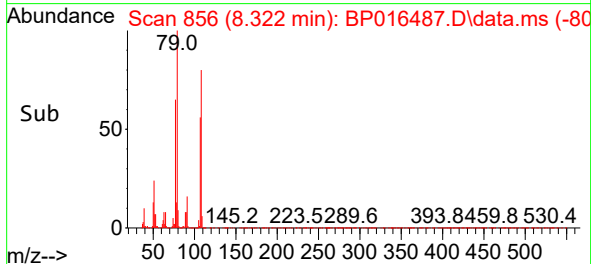
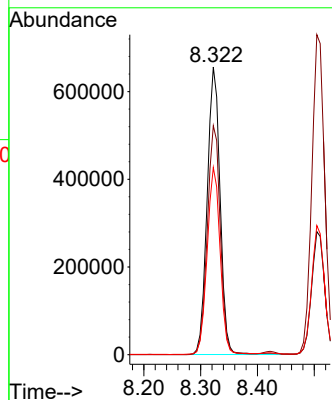
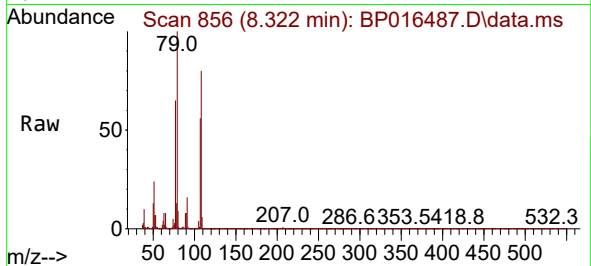




#15
Benzyl Alcohol
Concen: 47.477 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

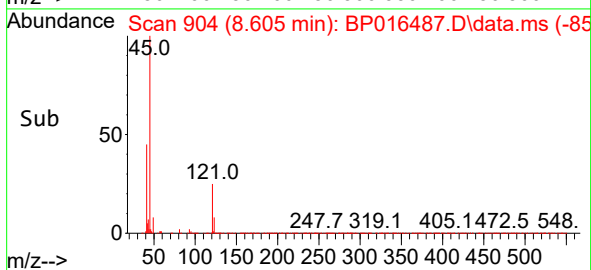
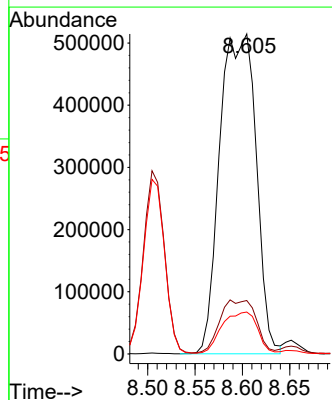
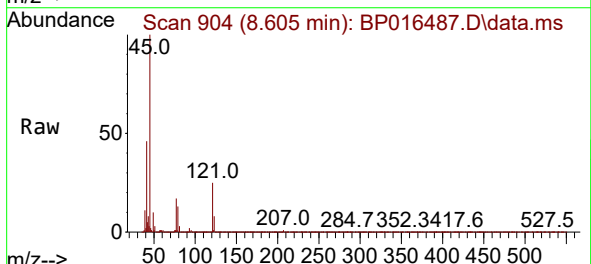
Instrument :
BNA_P
ClientSampleId :

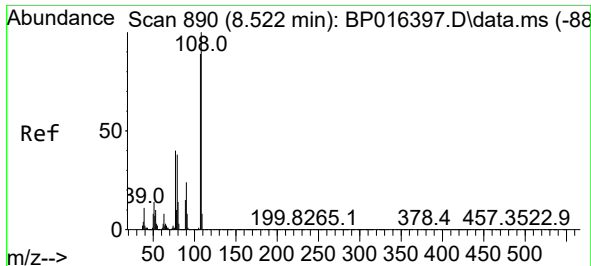
Tgt Ion: 79 Resp: 1032687
Ion Ratio Lower Upper
79 100
108 79.6 65.4 98.2
77 65.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.096 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion: 45 Resp: 1370888
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.3
79 13.1 0.0 33.3

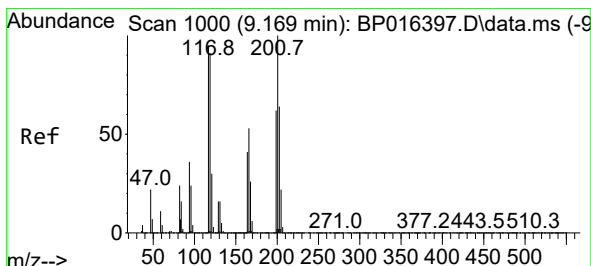
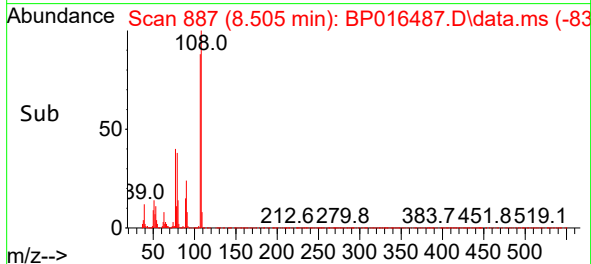
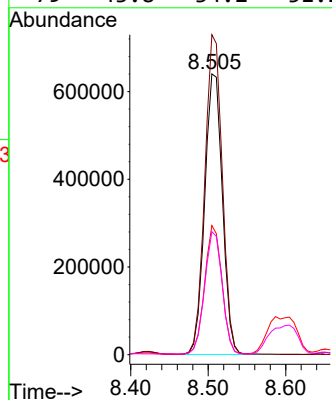
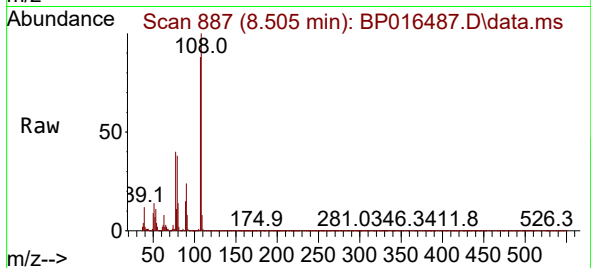




#17
2-Methylphenol
Concen: 45.548 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

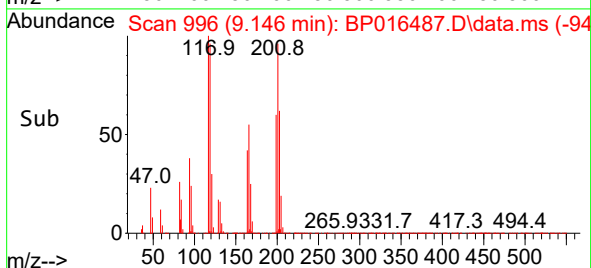
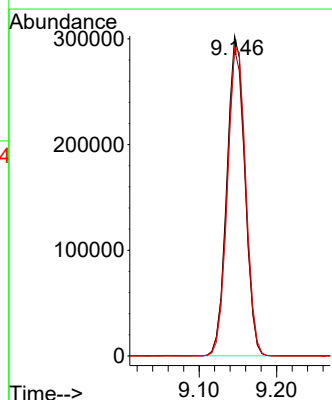
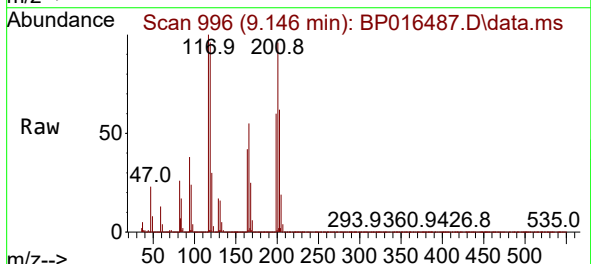
Instrument :
BNA_P
ClientSampleId :

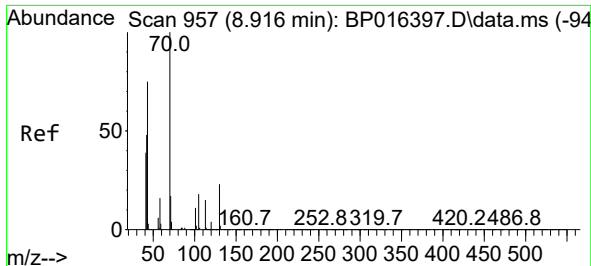
Tgt Ion:107 Resp: 1014936
Ion Ratio Lower Upper
107 100
108 114.0 89.6 134.4
77 46.0 35.6 53.4
79 43.8 34.2 51.2



#18
Hexachloroethane
Concen: 52.126 ng
RT: 9.146 min Scan# 996
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:117 Resp: 493105
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
201 96.4 86.2 129.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.629 ng

RT: 8.893 min Scan# 91

Delta R.T. -0.024 min

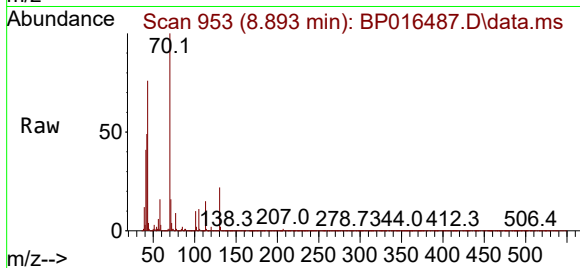
Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 70 Resp: 850268

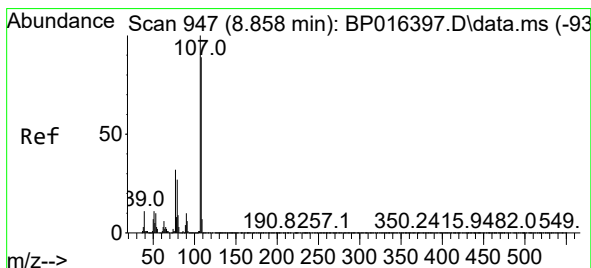
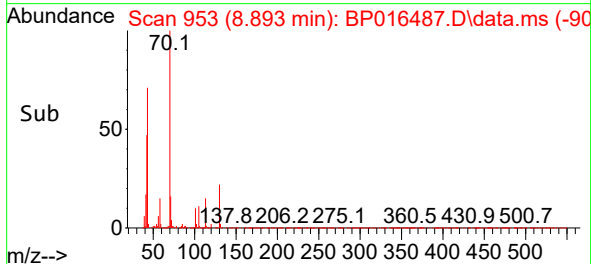
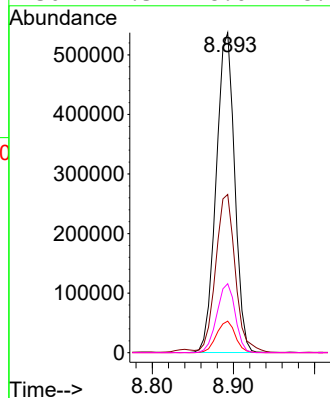
Ion Ratio Lower Upper

70 100

42 49.4 39.3 58.9

101 9.9 8.6 12.8

130 21.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 44.484 ng

RT: 8.840 min Scan# 944

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Tgt Ion: 107 Resp: 1346207

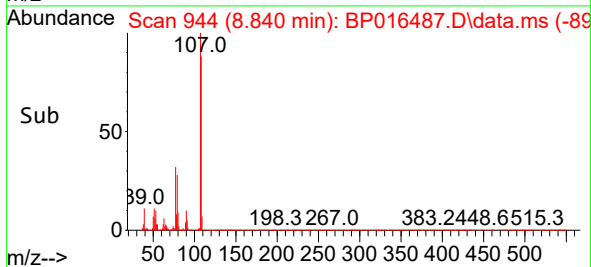
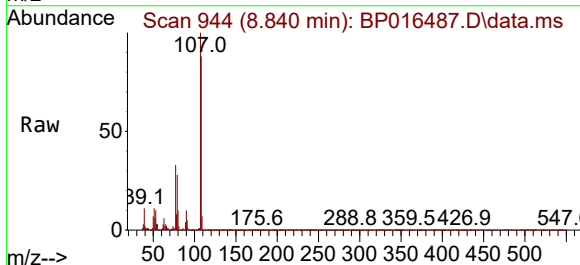
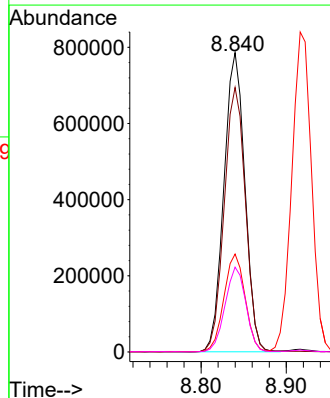
Ion Ratio Lower Upper

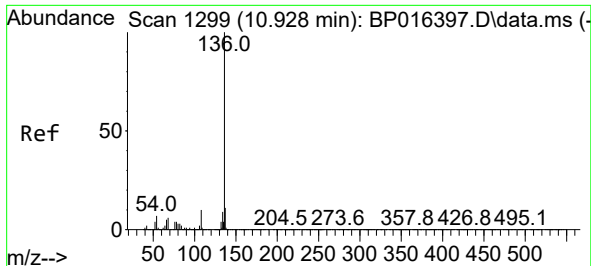
107 100

108 88.4 69.1 109.1

77 32.7 12.0 52.0

79 28.3 7.5 47.5

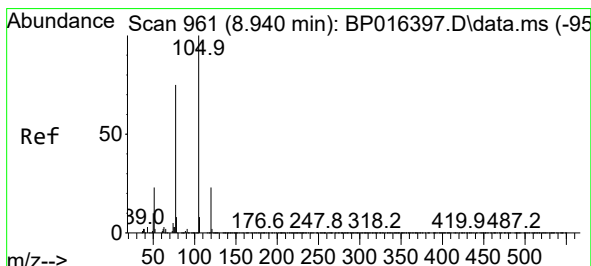
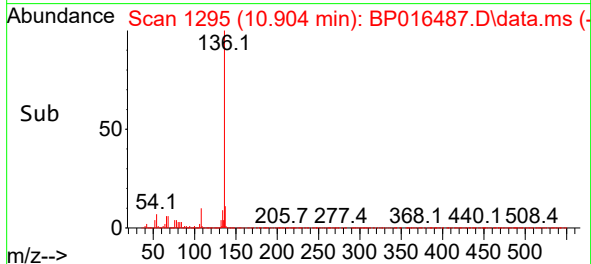
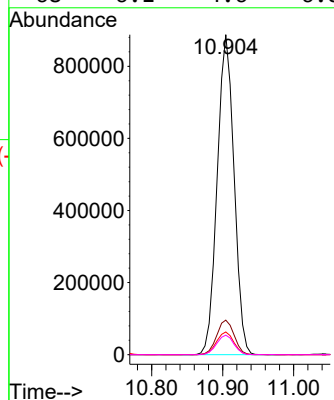
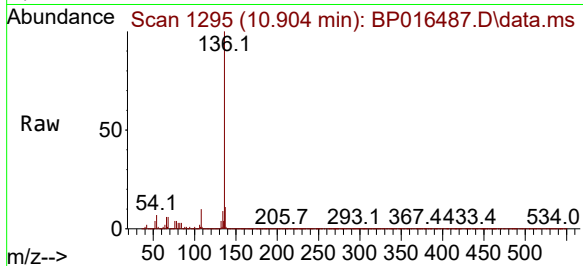




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1456161
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

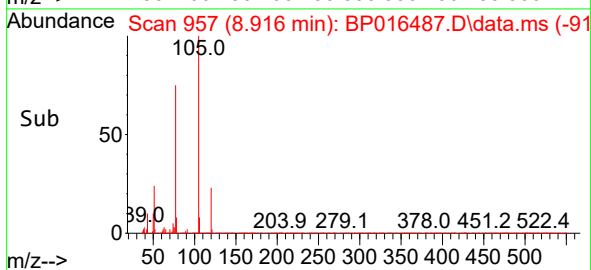
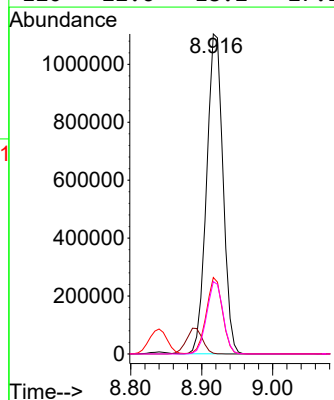
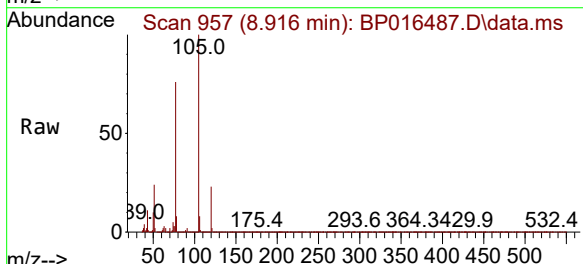
Instrument :
BNA_P
ClientSampleId :

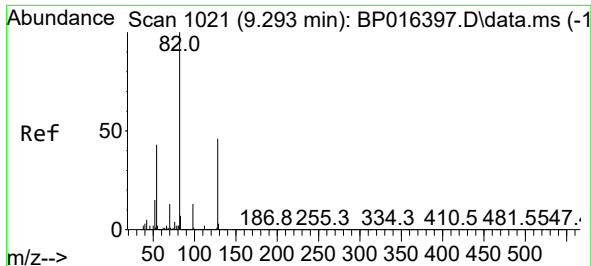
Tgt Ion:136 Resp: 1456161
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.6 8.4
68 6.1 4.6 6.8



#22
Acetophenone
Concen: 48.190 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:105 Resp: 1771726
Ion Ratio Lower Upper
105 100
71 0.3 0.2 0.2#
51 23.9 18.3 27.5
120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 92.406 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.024 min

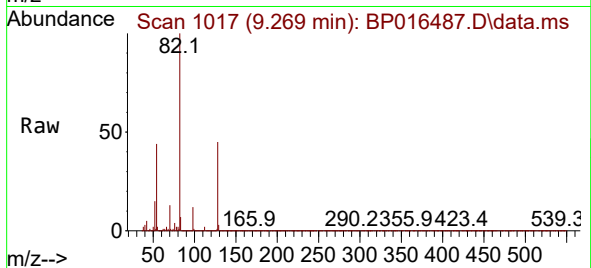
Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :



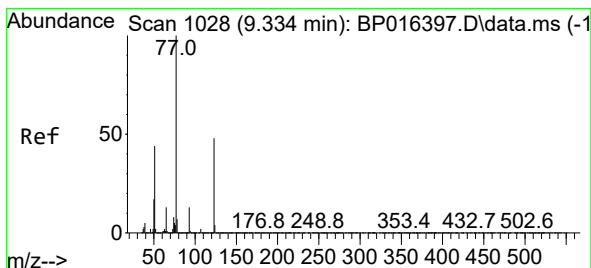
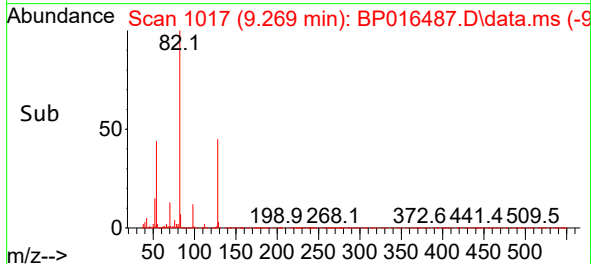
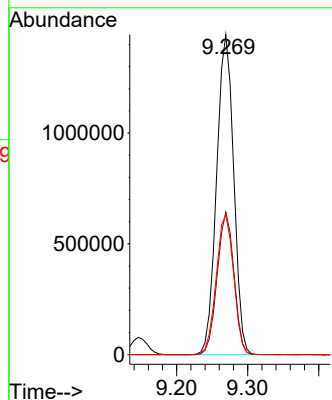
Tgt Ion: 82 Resp: 2403736

Ion Ratio Lower Upper

82 100

128 44.6 36.6 55.0

54 43.8 34.5 51.7



#24

Nitrobenzene

Concen: 48.815 ng

RT: 9.310 min Scan# 1024

Delta R.T. -0.024 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

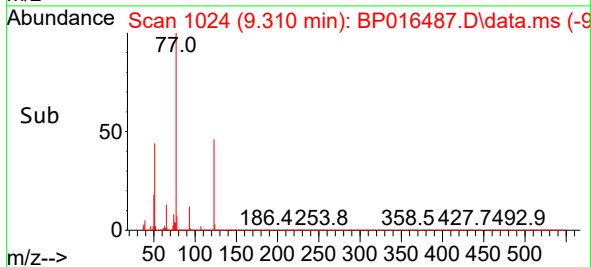
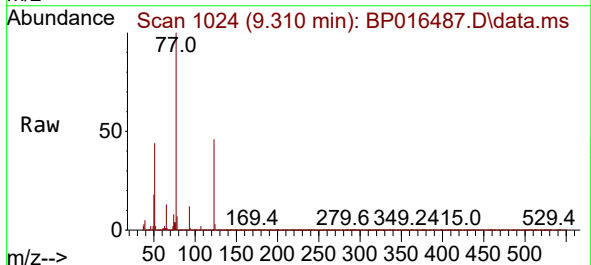
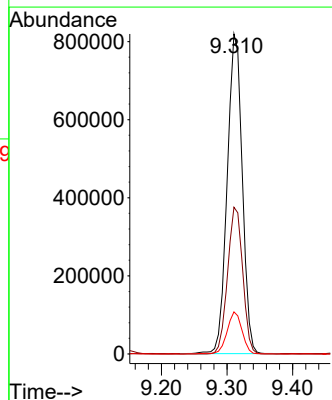
Tgt Ion: 77 Resp: 1304223

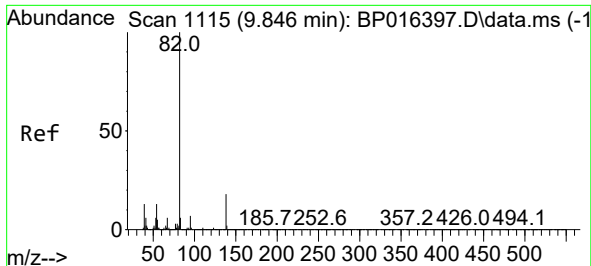
Ion Ratio Lower Upper

77 100

123 45.9 38.6 58.0

65 13.2 10.5 15.7

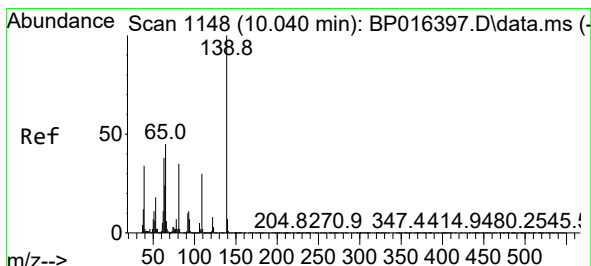
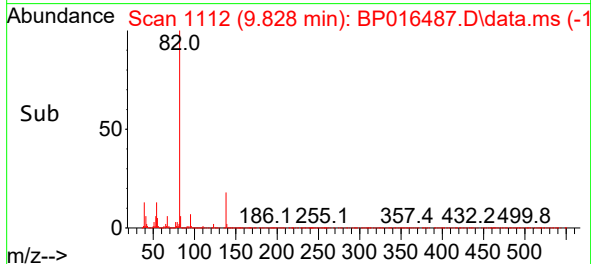
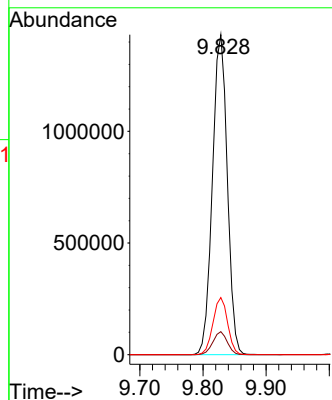
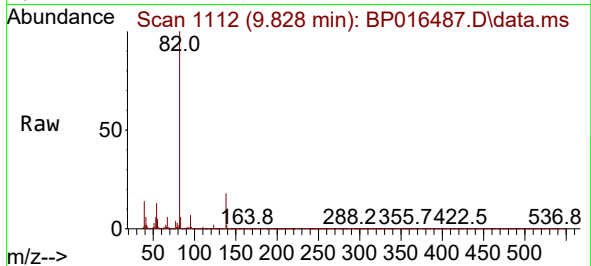




#25
Isophorone
Concen: 44.542 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

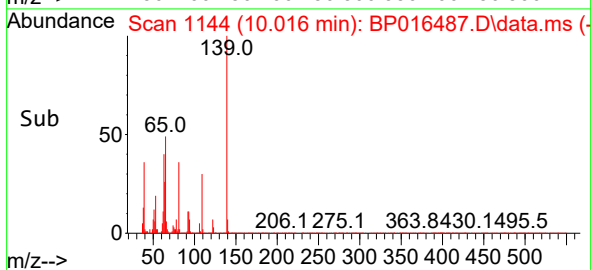
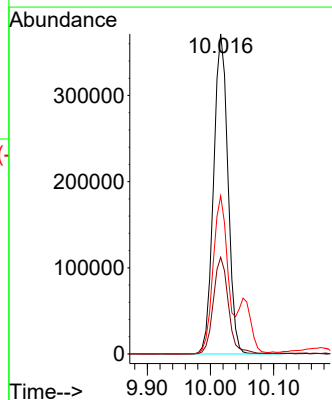
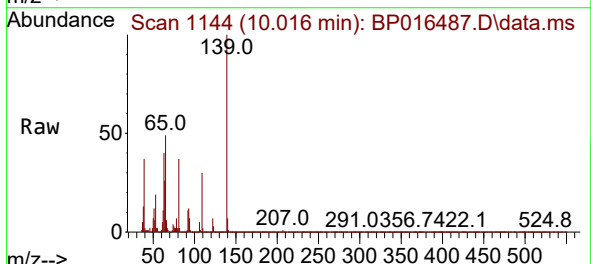
Instrument :
BNA_P
ClientSampleId :

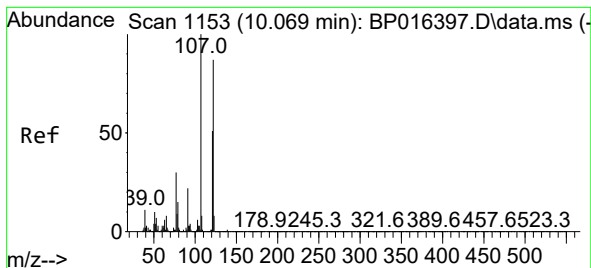
Tgt Ion: 82 Resp: 2339231
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 50.708 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion: 139 Resp: 586102
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.4
65 49.4 35.8 53.6





#27

2,4-Dimethylphenol

Concen: 45.410 ng

RT: 10.052 min Scan# 1150

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

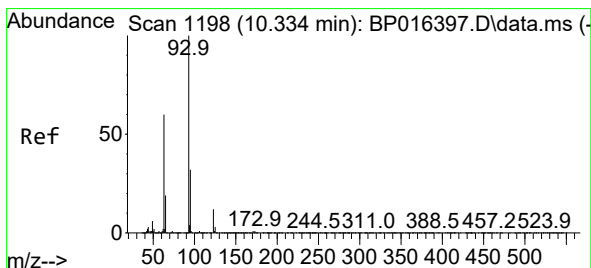
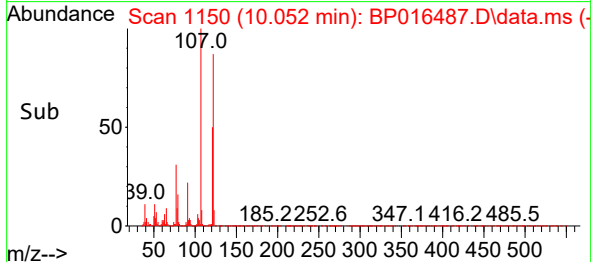
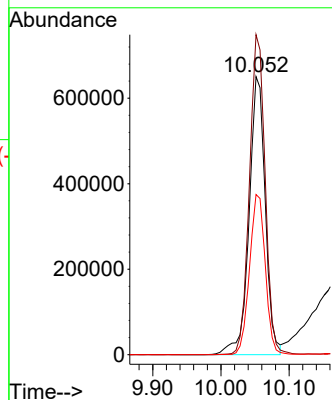
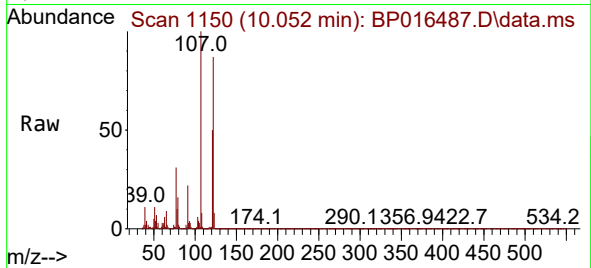
Tgt Ion:122 Resp: 1066920

Ion Ratio Lower Upper

122 100

107 115.1 91.9 137.9

121 57.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.625 ng

RT: 10.316 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

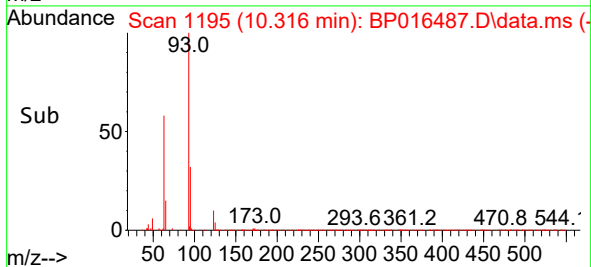
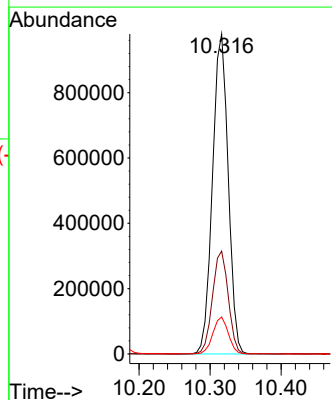
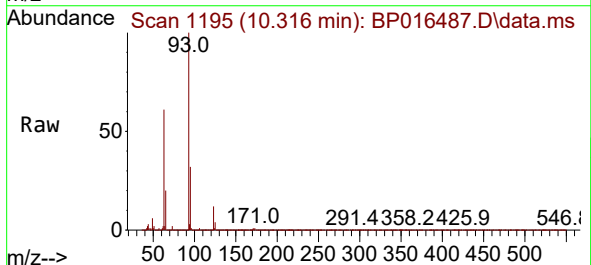
Tgt Ion: 93 Resp: 1499885

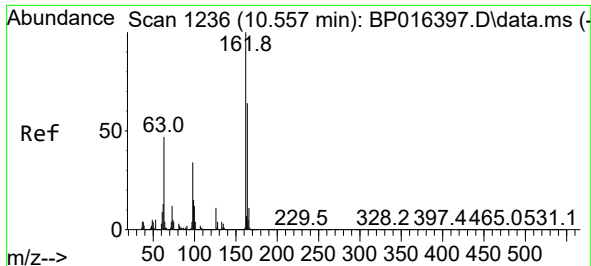
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 11.5 9.4 14.0

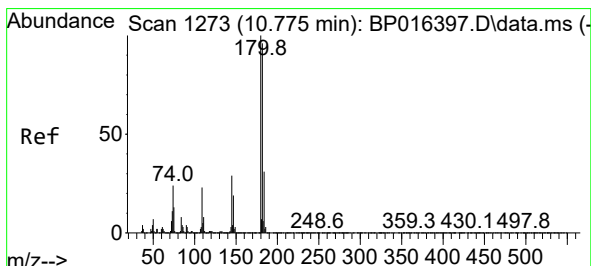
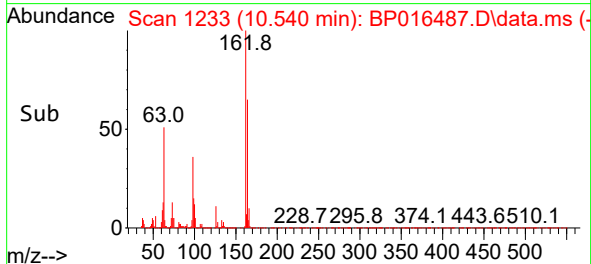
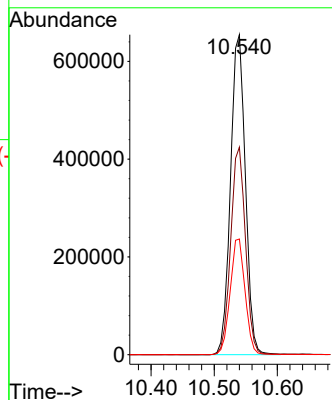
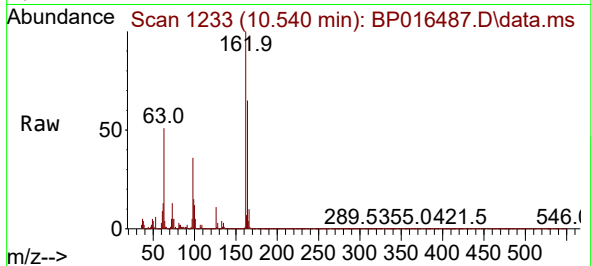




#29
2,4-Dichlorophenol
Concen: 48.636 ng
RT: 10.540 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

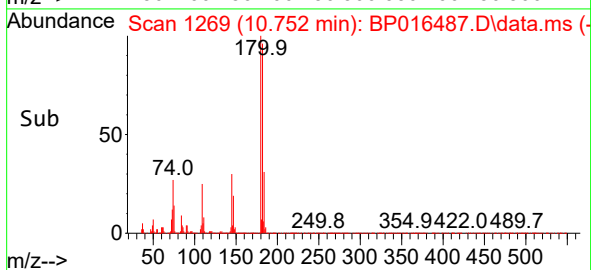
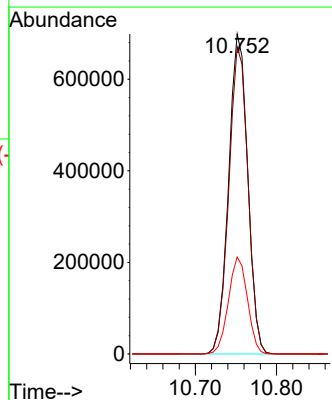
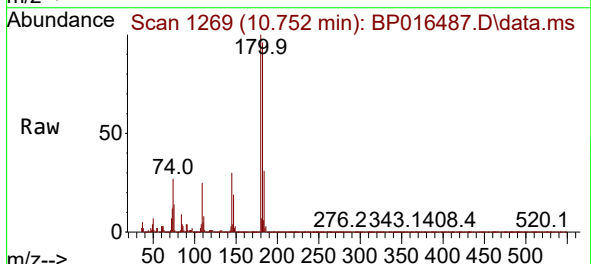
Instrument :
BNA_P
ClientSampleId :

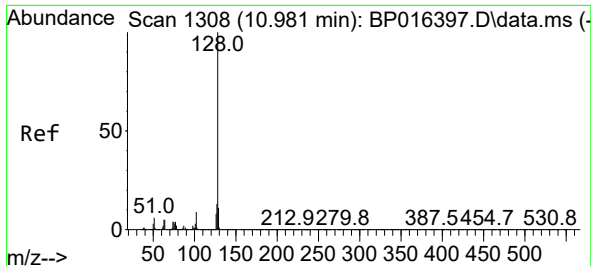
Tgt Ion:162 Resp: 1069429
Ion Ratio Lower Upper
162 100
164 64.9 44.2 84.2
98 36.2 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 47.805 ng
RT: 10.752 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:180 Resp: 1138546
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
145 30.3 22.9 34.3

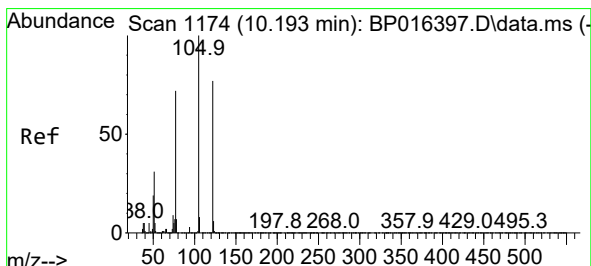
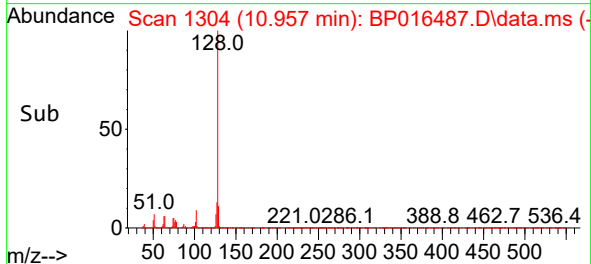
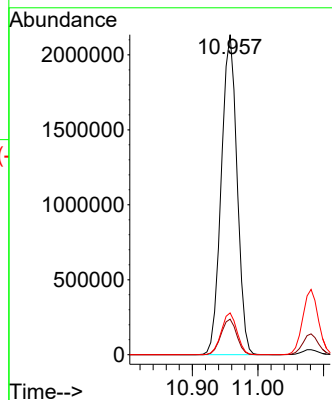
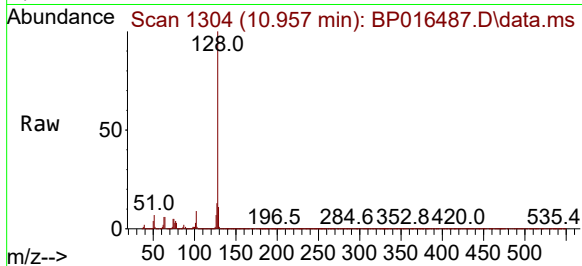




#31
Naphthalene
Concen: 46.581 ng
RT: 10.957 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

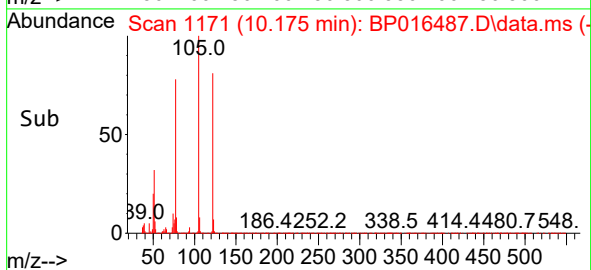
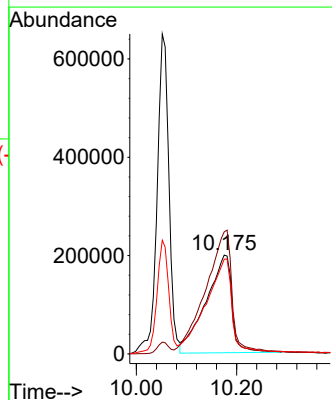
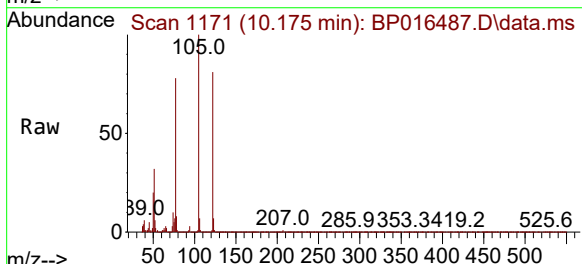
Instrument :
BNA_P
ClientSampleId :

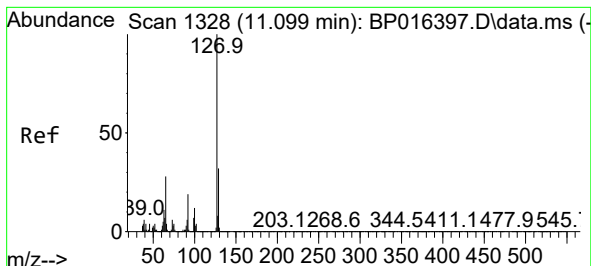
Tgt Ion:128 Resp: 3547930
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 46.626 ng
RT: 10.175 min Scan# 1171
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:122 Resp: 715552
Ion Ratio Lower Upper
122 100
105 123.4 105.2 145.2
77 95.9 72.2 112.2

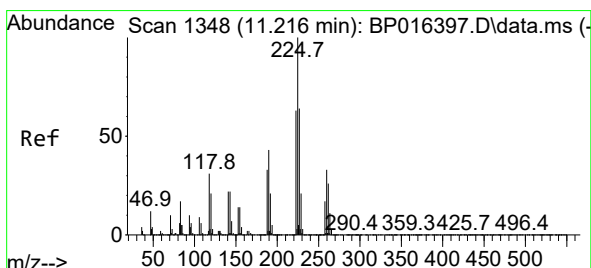
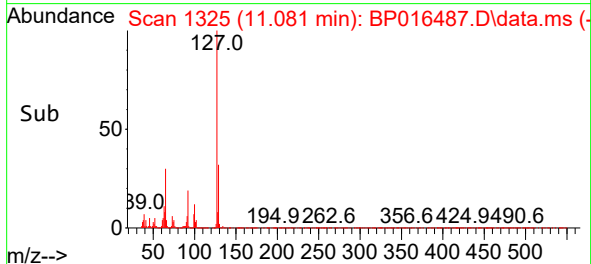
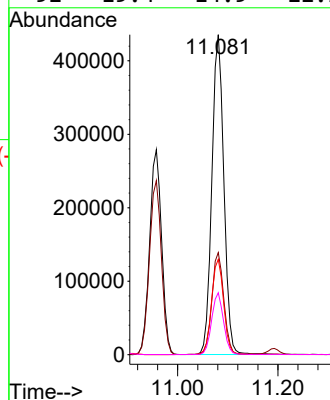
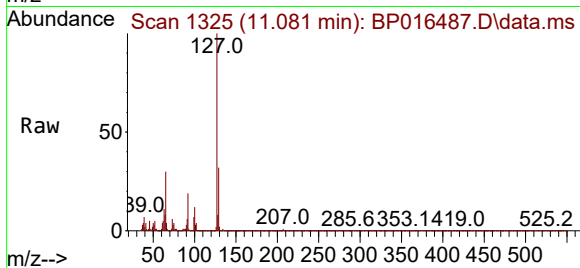




#33
4-Chloroaniline
Concen: 21.088 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

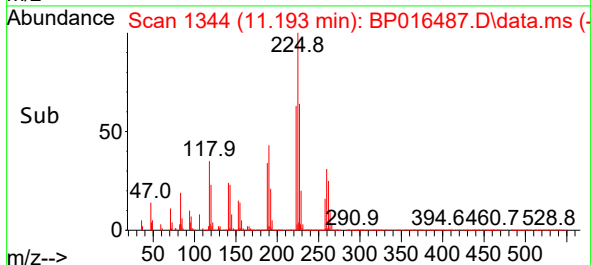
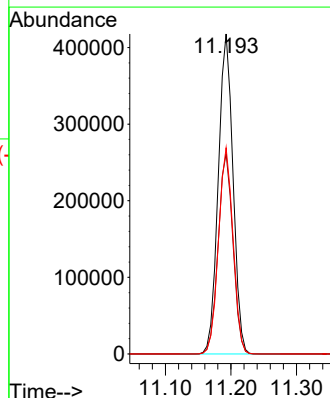
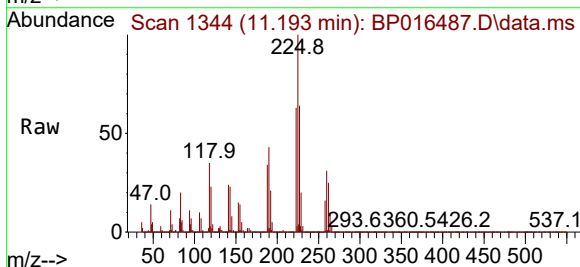
Instrument :
BNA_P
ClientSampleId :

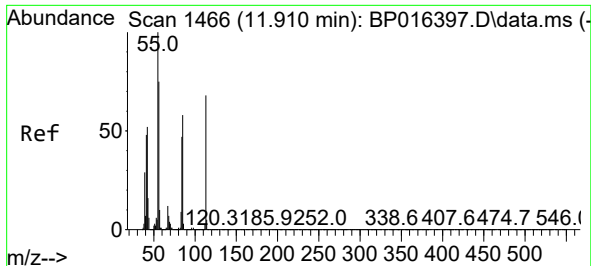
Tgt Ion:	127	Resp:	724533
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	29.8	22.7	34.1
92	19.4	14.9	22.3



#34
Hexachlorobutadiene
Concen: 45.977 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

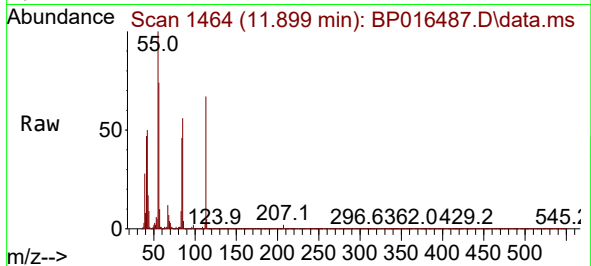
Tgt Ion:	225	Resp:	648298
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	64.5	51.0	76.6



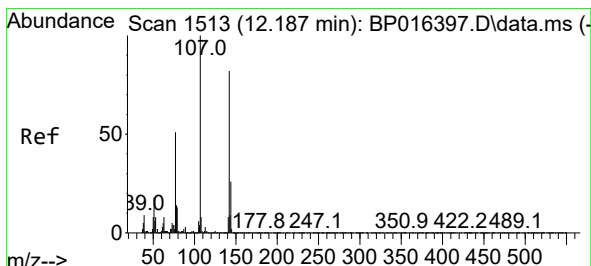
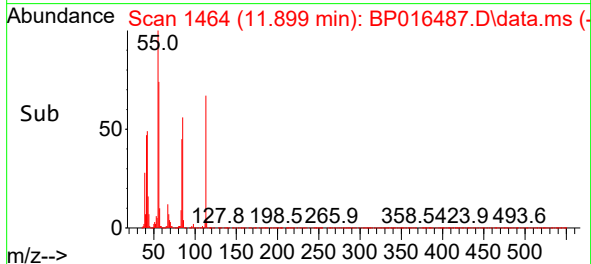
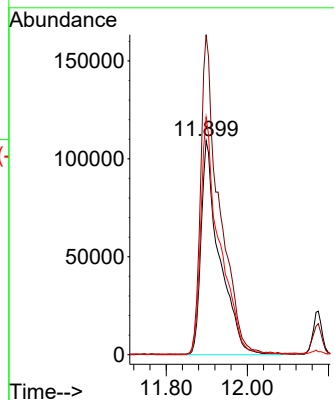


#35
Caprolactam
Concen: 42.635 ng
RT: 11.899 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Instrument :
BNA_P
ClientSampleId :

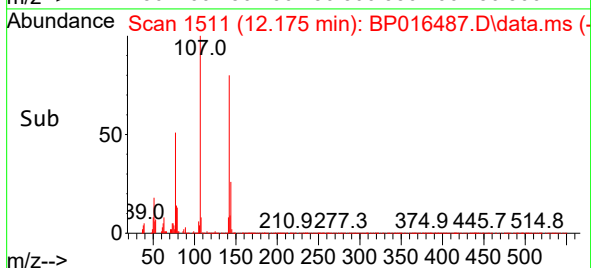
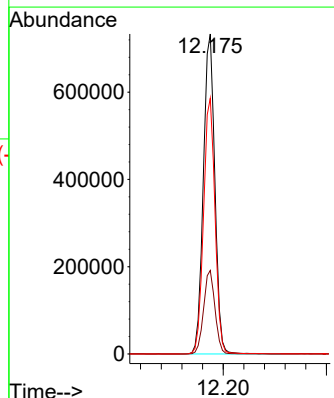
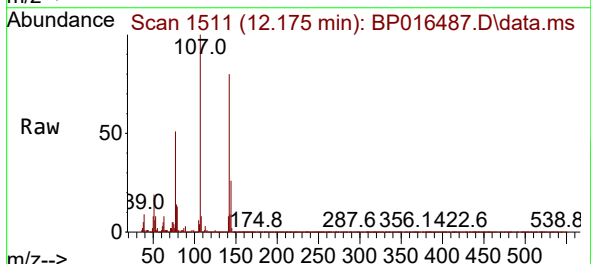


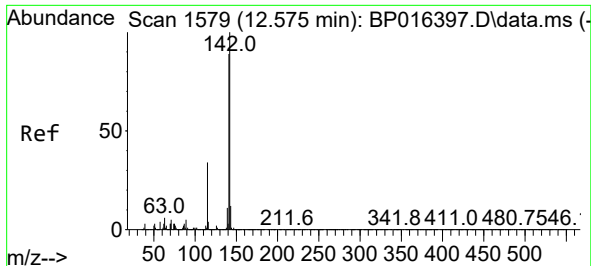
Tgt Ion:113 Resp: 342559
Ion Ratio Lower Upper
113 100
55 149.4 128.0 168.0
56 111.0 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 46.184 ng
RT: 12.175 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:107 Resp: 1128828
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 79.9 65.6 98.4

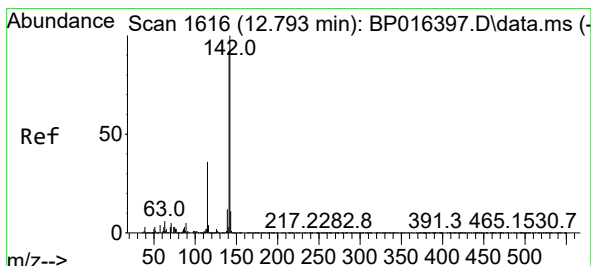
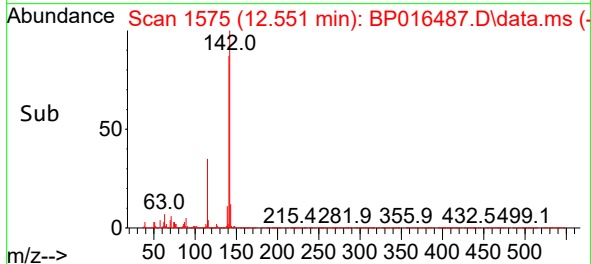
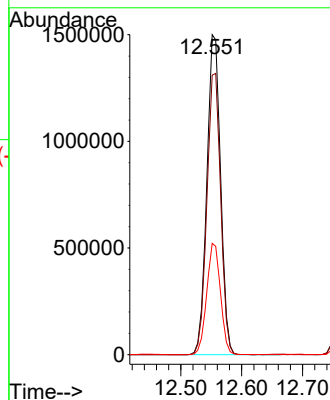
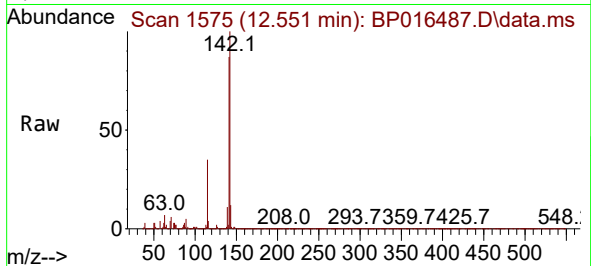




#37
2-Methylnaphthalene
Concen: 42.454 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

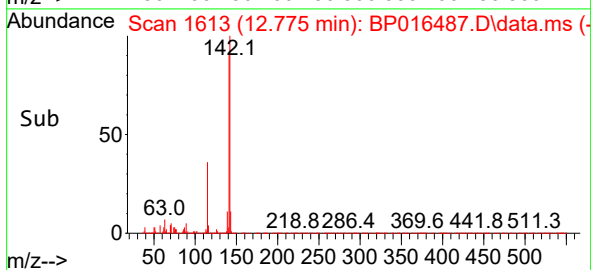
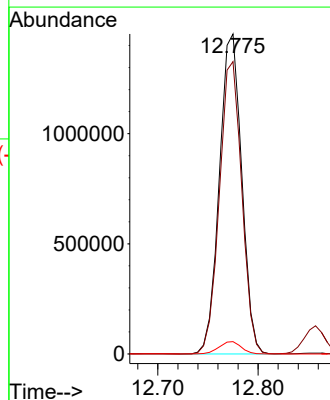
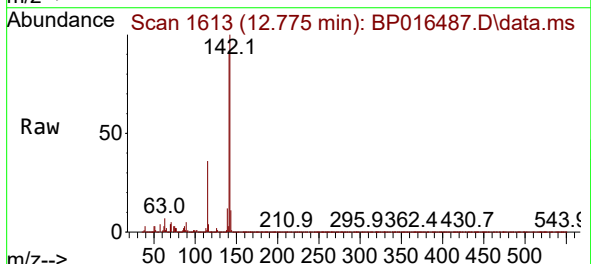
Instrument :
BNA_P
ClientSampleId :

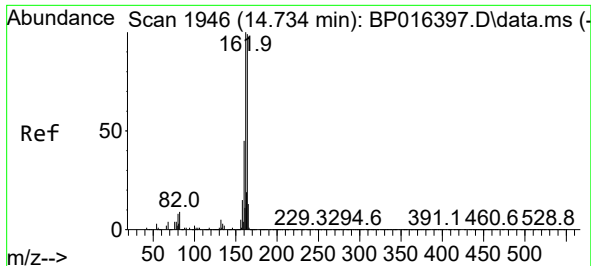
Tgt Ion:142 Resp: 2349148
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.2
115 34.8 27.0 40.4



#38
1-Methylnaphthalene
Concen: 43.245 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:142 Resp: 2243391
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.9 2.9 4.3

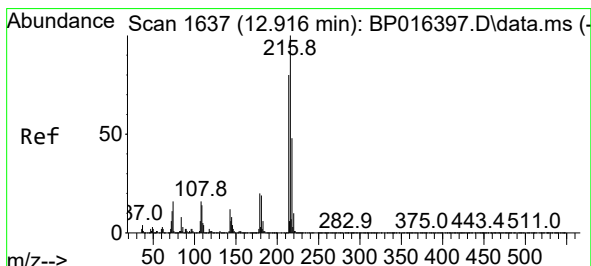
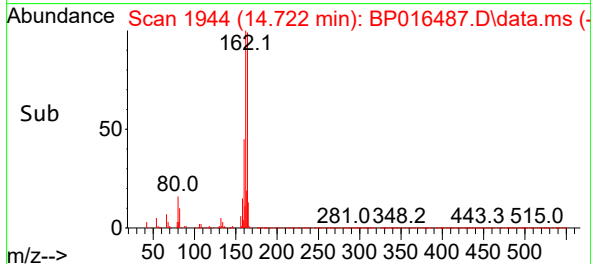
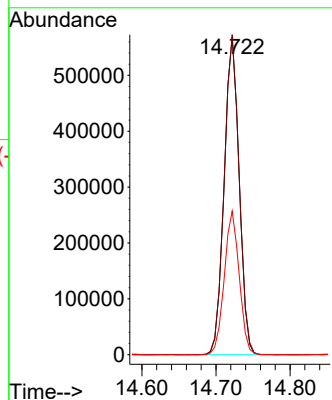
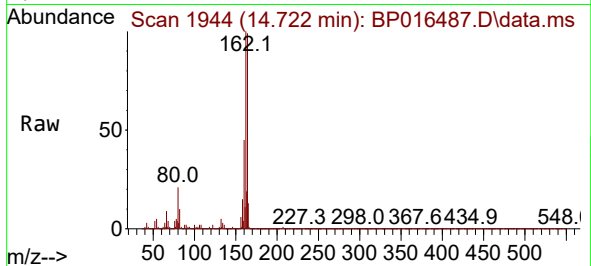




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

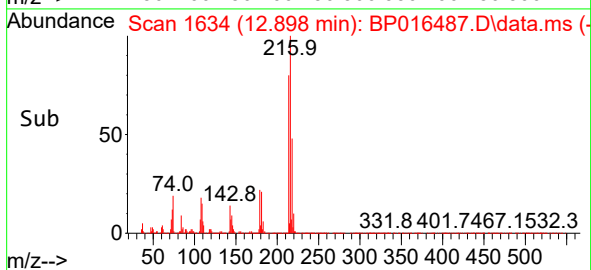
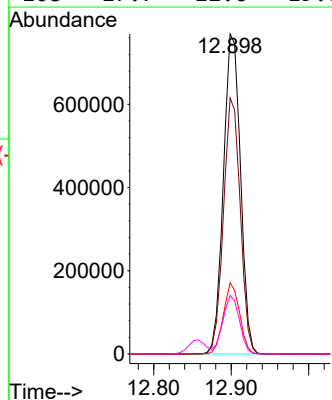
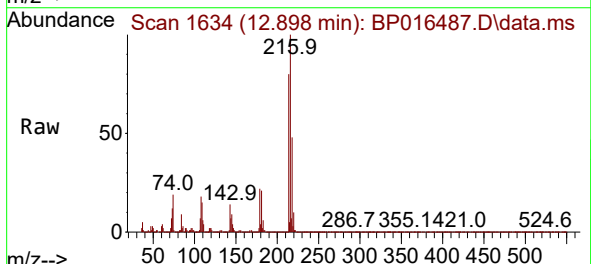
Instrument :
BNA_P
ClientSampleId :

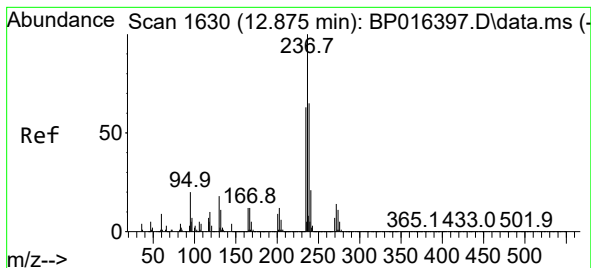
Tgt Ion:164 Resp: 797923
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 45.2 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.481 ng
RT: 12.898 min Scan# 1634
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:216 Resp: 1175580
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.1 16.0 24.0
108 17.7 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 119.495 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

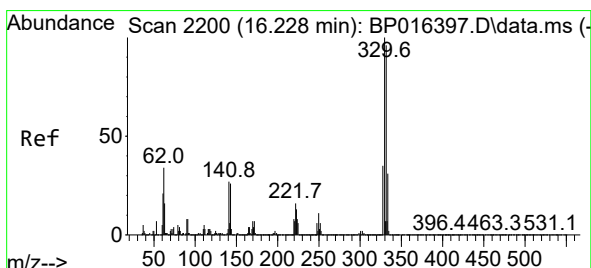
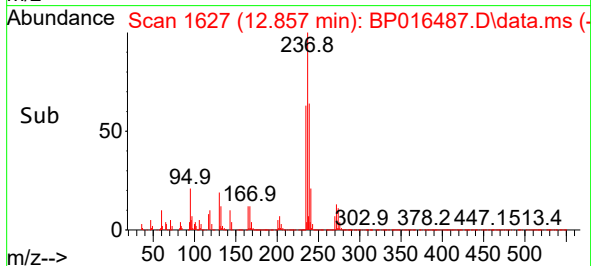
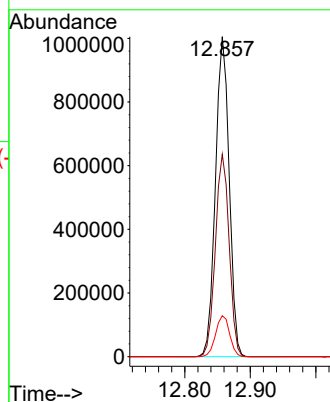
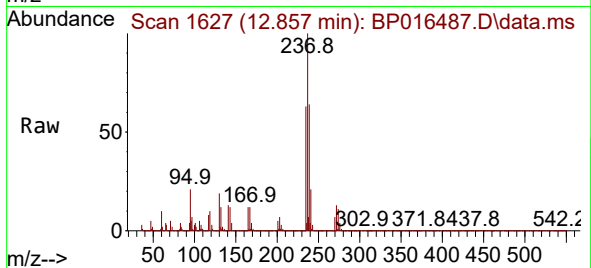
Tgt Ion:237 Resp: 1455251

Ion Ratio Lower Upper

237 100

235 63.3 42.7 82.7

272 12.8 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 111.745 ng

RT: 16.216 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

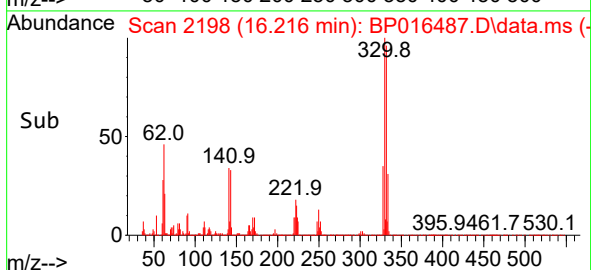
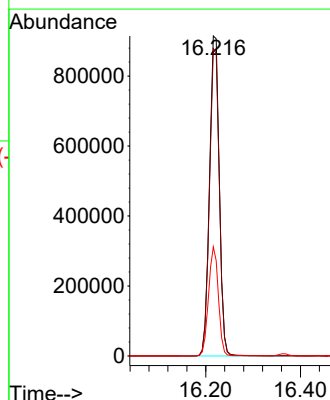
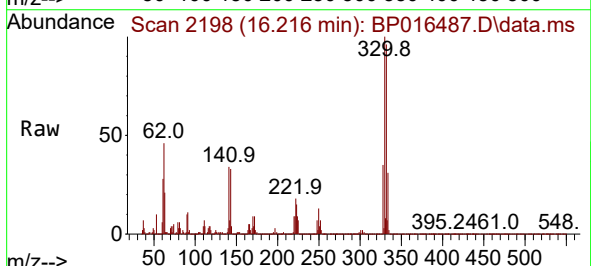
Tgt Ion:330 Resp: 1311730

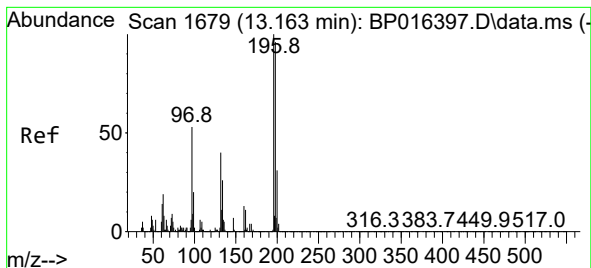
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 34.1 22.6 34.0#





#43

2,4,6-Trichlorophenol

Concen: 51.109 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

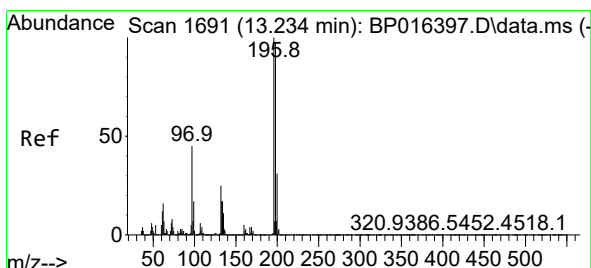
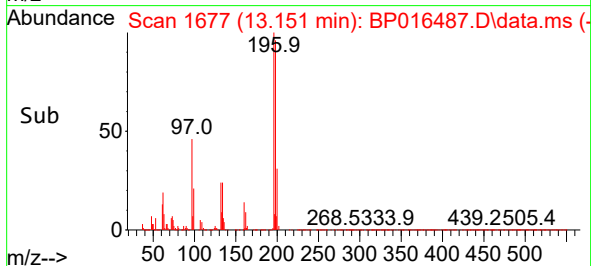
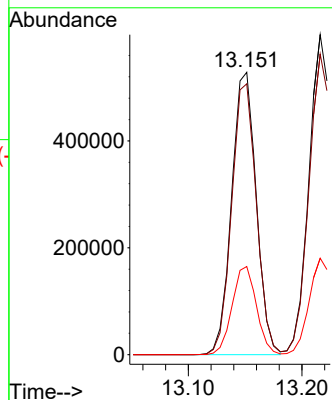
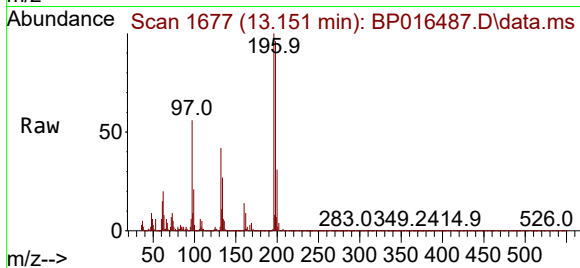
Tgt Ion:196 Resp: 795175

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

200 31.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.506 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Tgt Ion:196 Resp: 877847

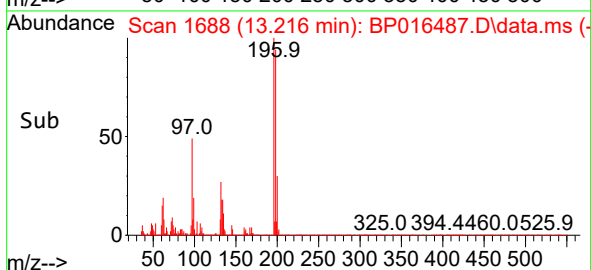
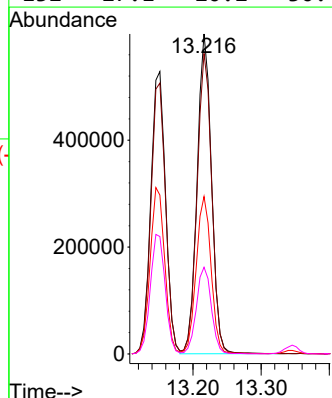
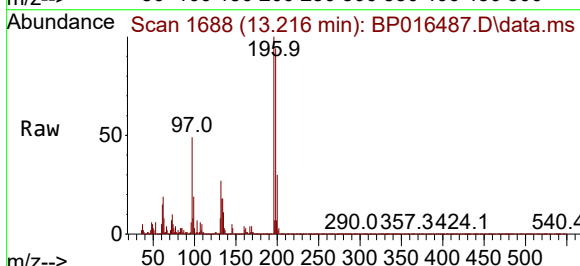
Ion Ratio Lower Upper

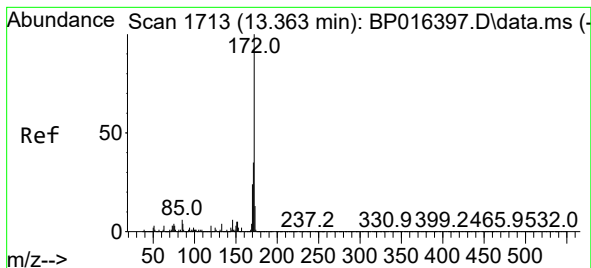
196 100

198 94.0 77.3 115.9

97 49.2 36.2 54.4

132 27.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.310 ng

RT: 13.345 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

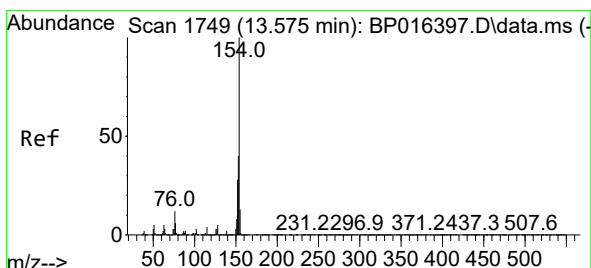
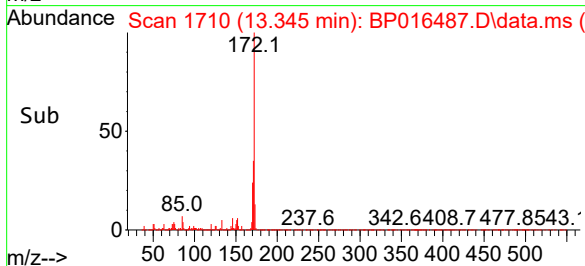
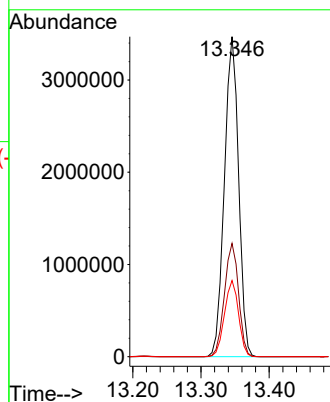
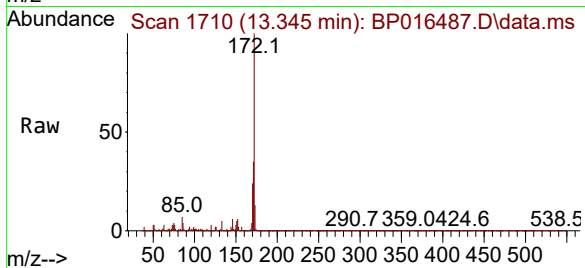
Tgt Ion:172 Resp: 5026286

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.693 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

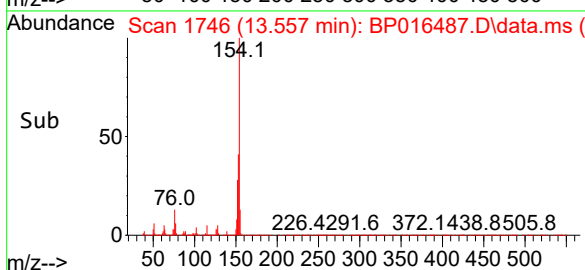
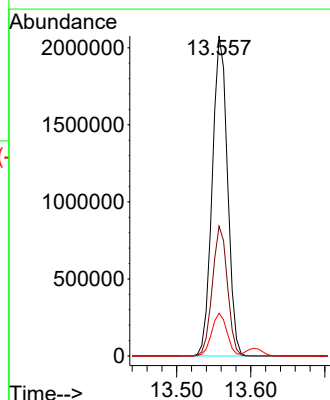
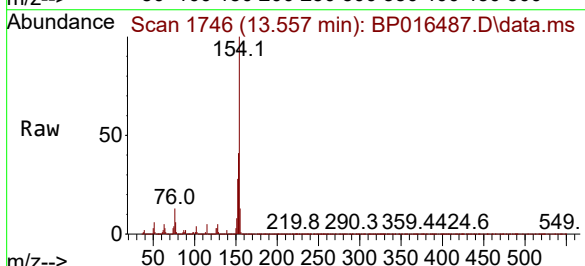
Tgt Ion:154 Resp: 2961720

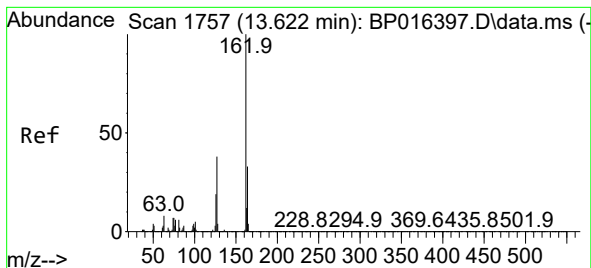
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 13.4 0.0 32.5





#47

2-Chloronaphthalene

Concen: 50.047 ng

RT: 13.604 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

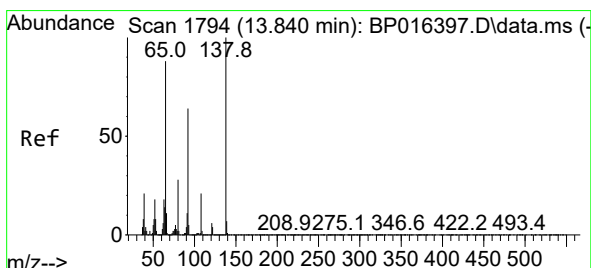
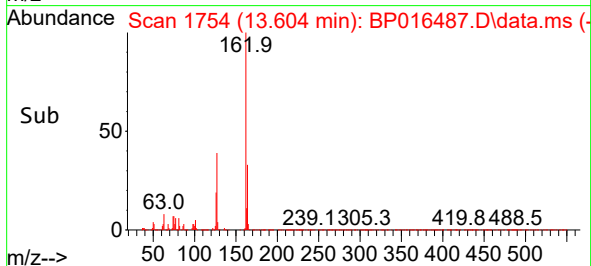
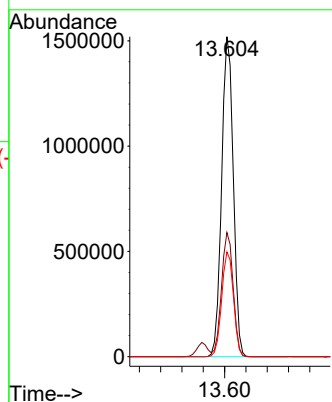
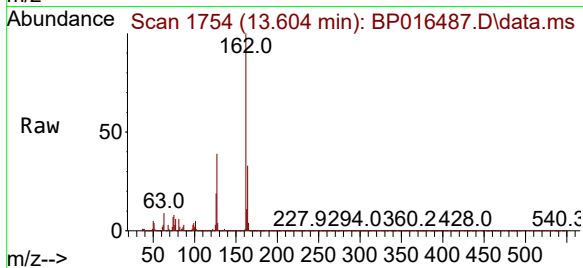
Tgt Ion:162 Resp: 2296563

Ion Ratio Lower Upper

162 100

127 38.8 30.1 45.1

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 51.648 ng

RT: 13.828 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

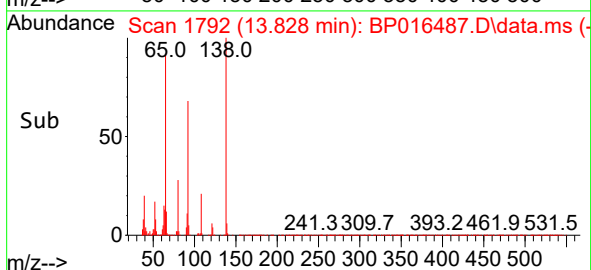
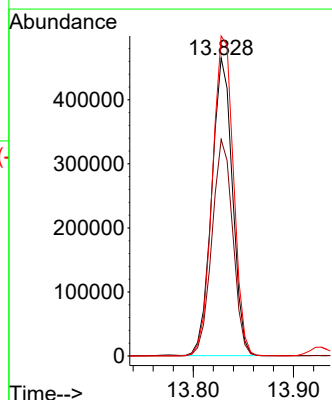
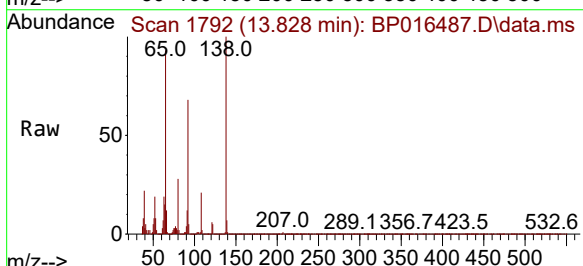
Tgt Ion: 65 Resp: 668058

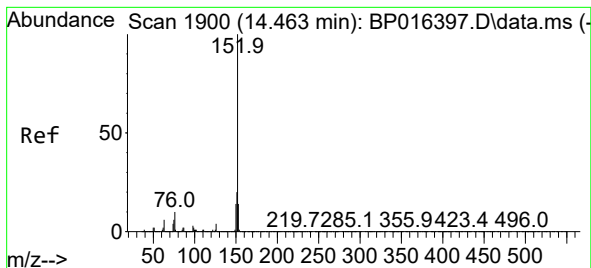
Ion Ratio Lower Upper

65 100

92 72.6 58.2 87.4

138 107.4 91.3 136.9





#49

Acenaphthylene

Concen: 48.869 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

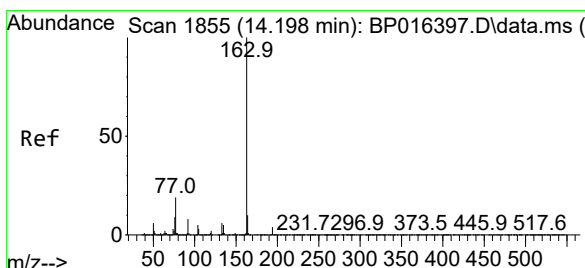
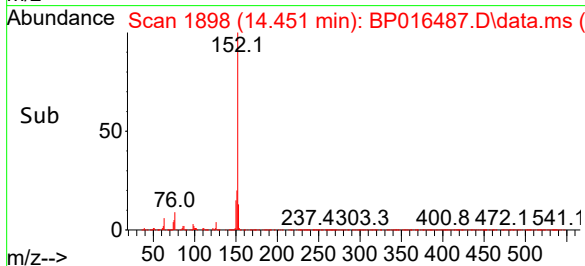
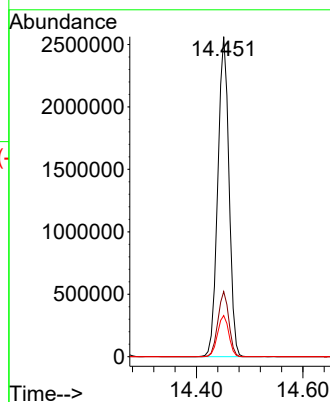
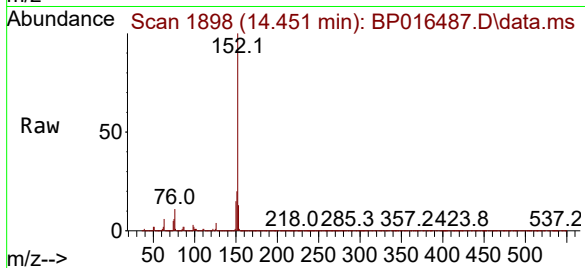
Tgt Ion:152 Resp: 3720804

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 44.964 ng

RT: 14.181 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

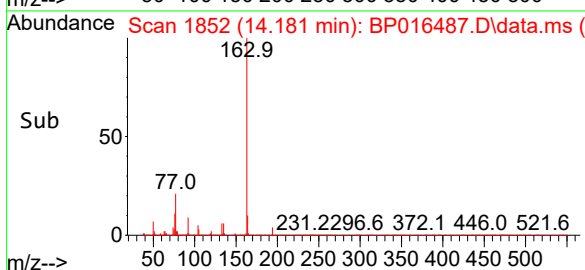
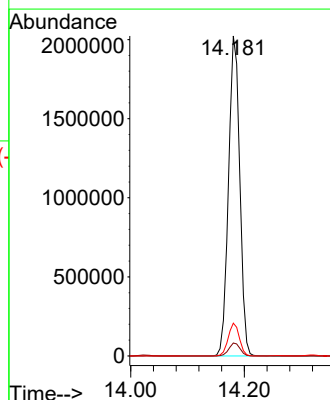
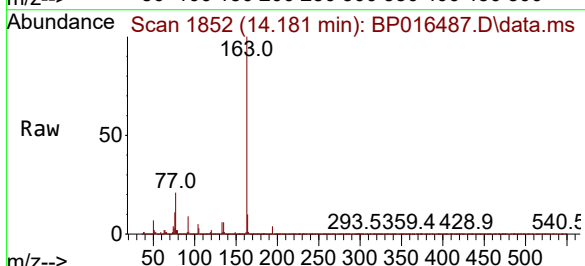
Tgt Ion:163 Resp: 2795800

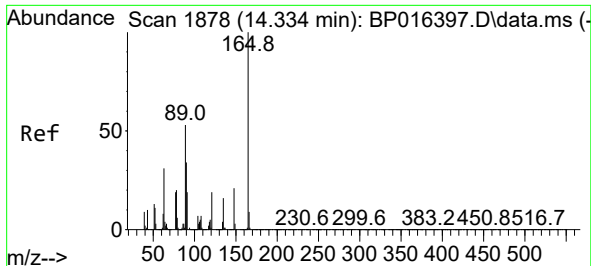
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.2 8.2 12.2

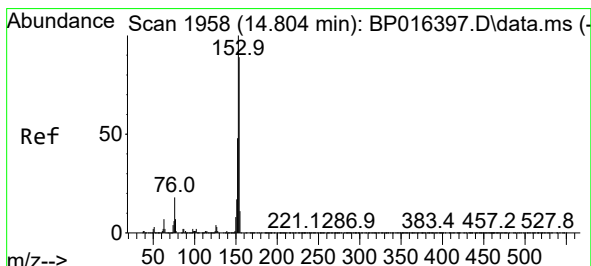
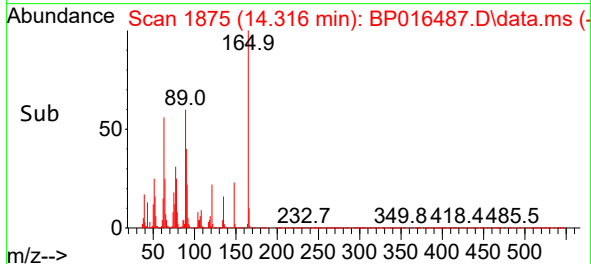
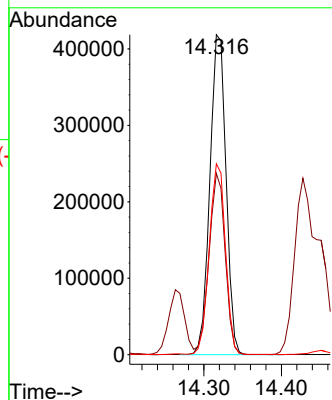
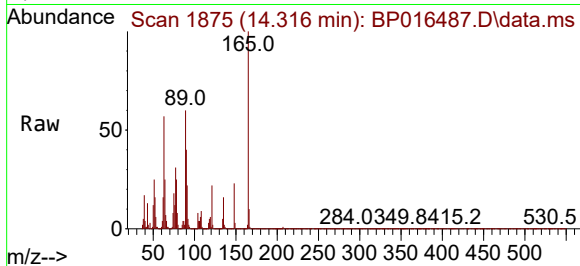




#51
2,6-Dinitrotoluene
Concen: 47.530 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

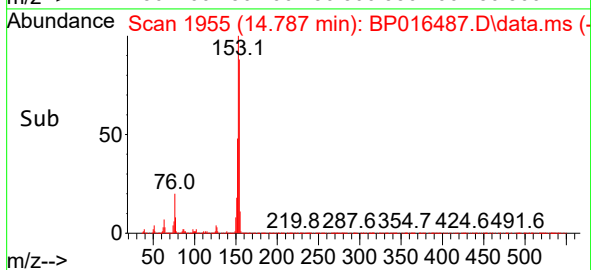
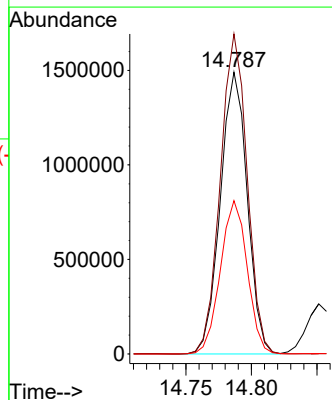
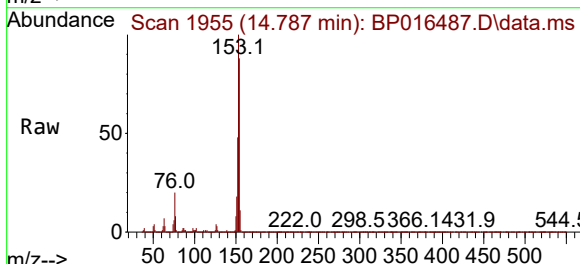
Instrument :
BNA_P
ClientSampleId :

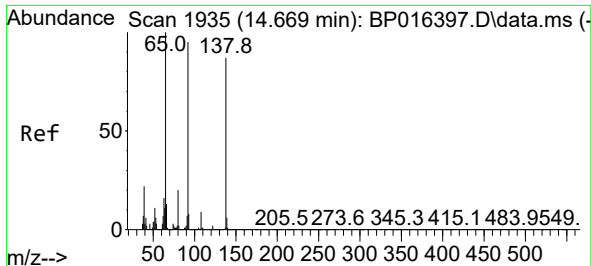
Tgt Ion:165 Resp: 605442
Ion Ratio Lower Upper
165 100
63 56.6 39.1 58.7
89 59.7 42.5 63.7



#52
Acenaphthene
Concen: 46.948 ng
RT: 14.787 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:154 Resp: 2125596
Ion Ratio Lower Upper
154 100
153 113.6 90.4 135.6
152 54.4 43.4 65.0

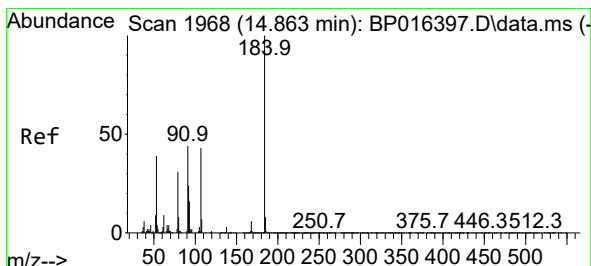
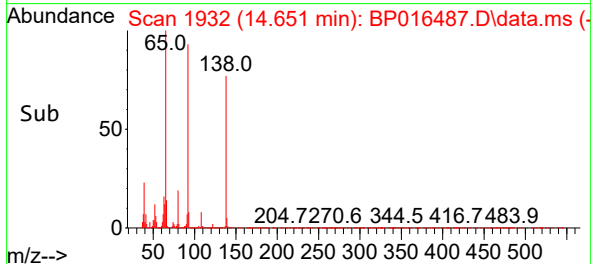
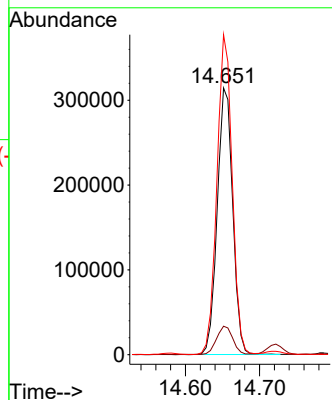
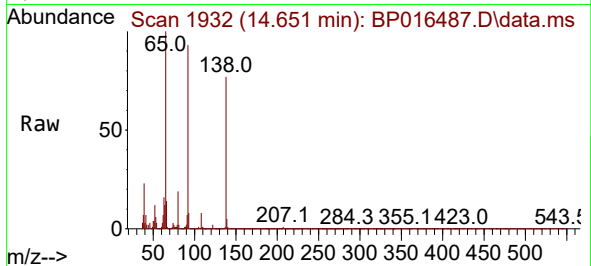




#53
3-Nitroaniline
Concen: 31.660 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

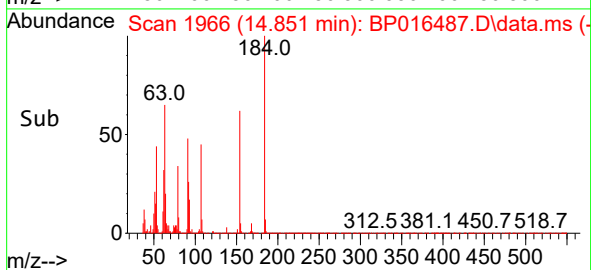
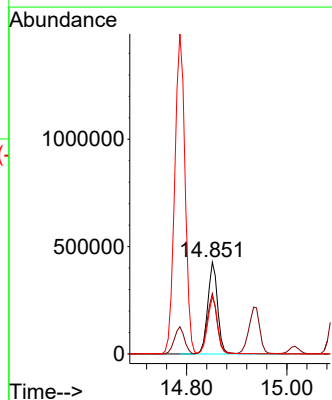
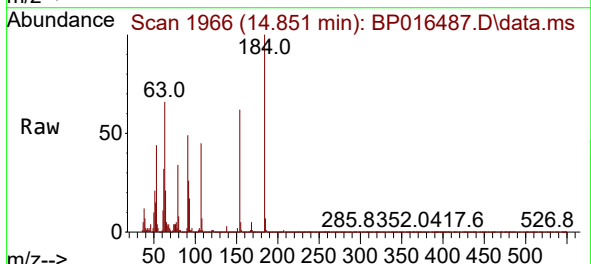
Instrument :
BNA_P
ClientSampleId :

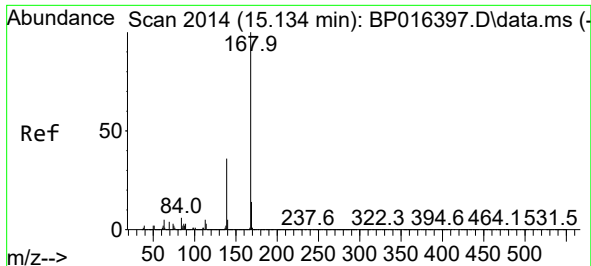
Tgt Ion:138 Resp: 455940
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 120.0 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 96.459 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:184 Resp: 585719
Ion Ratio Lower Upper
184 100
63 65.6 48.2 72.4
154 62.0 49.6 74.4

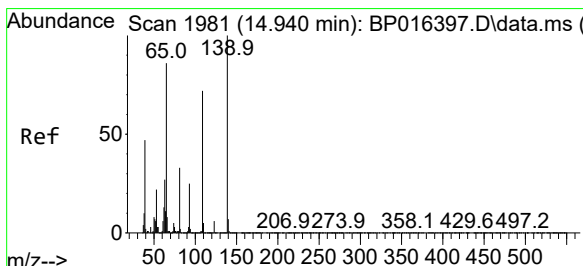
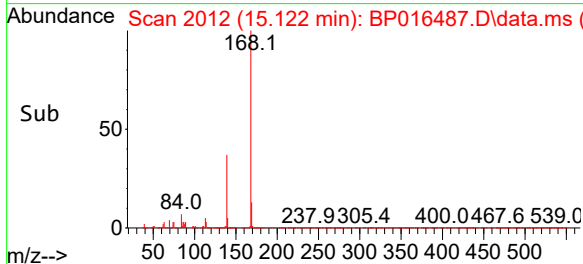
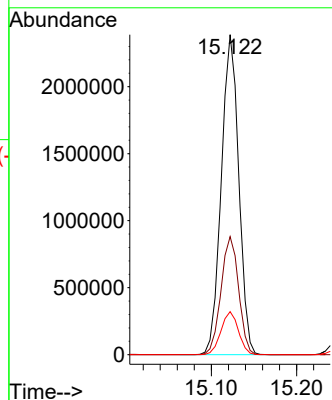
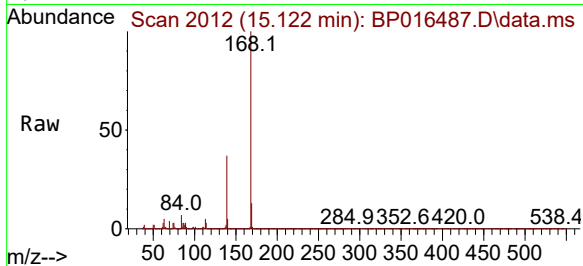




#55
Dibenzenofuran
Concen: 45.632 ng
RT: 15.122 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

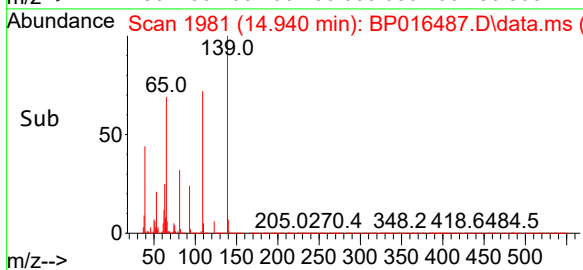
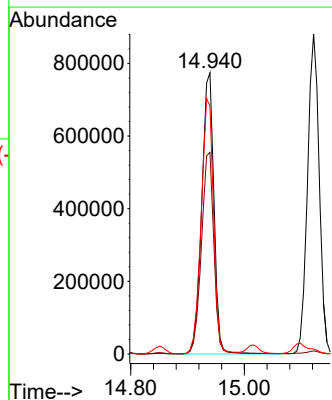
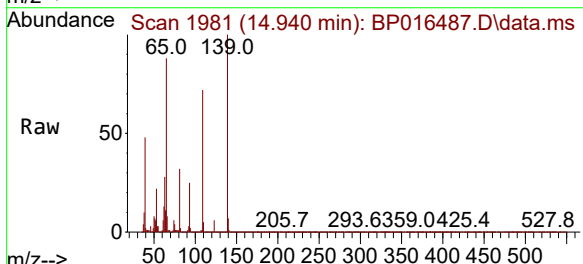
Instrument :
BNA_P
ClientSampleId :

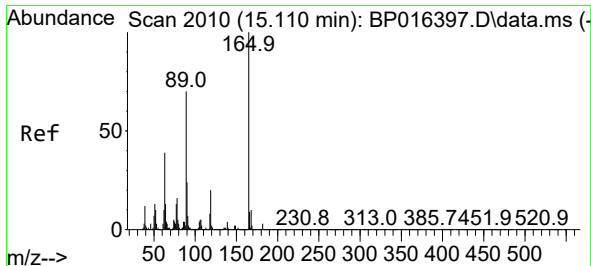
Tgt Ion:168 Resp: 3388391
Ion Ratio Lower Upper
168 100
139 36.9 28.9 43.3
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 102.052 ng
RT: 14.940 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:139 Resp: 1150451
Ion Ratio Lower Upper
139 100
109 71.7 51.9 91.9
65 88.1 66.2 106.2





#57

2,4-Dinitrotoluene

Concen: 49.213 ng

RT: 15.098 min Scan# 2010

Delta R.T. -0.012 min

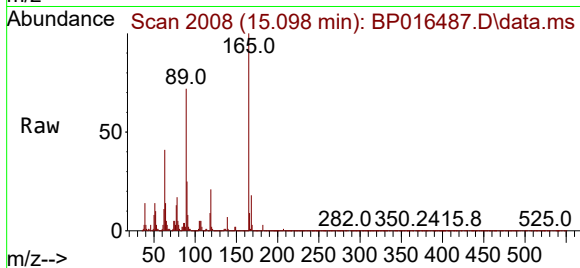
Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:165 Resp: 816986

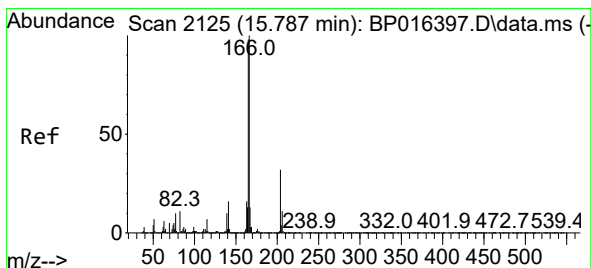
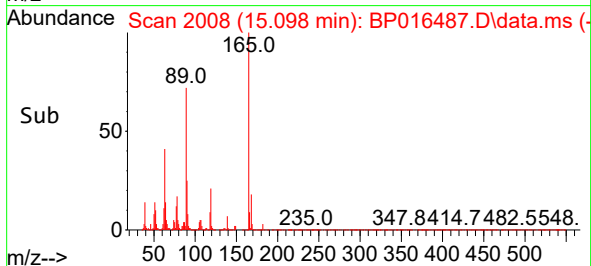
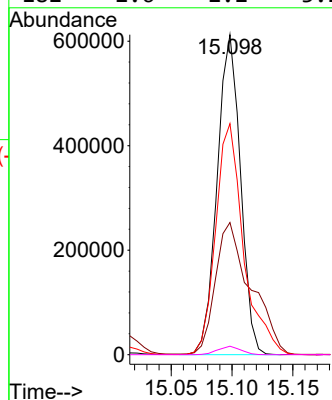
Ion Ratio Lower Upper

165 100

63 41.3 31.4 47.0

89 72.2 55.8 83.6

182 2.6 2.2 3.2



#58

Fluorene

Concen: 45.872 ng

RT: 15.775 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

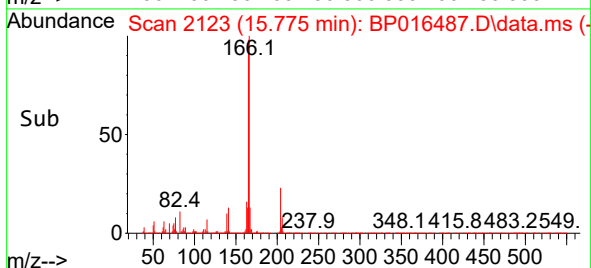
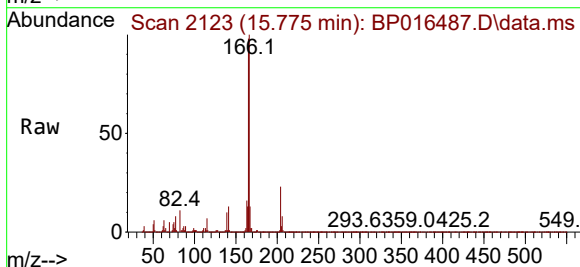
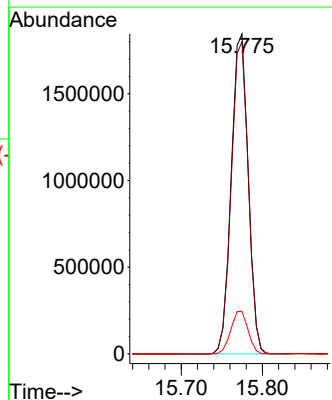
Tgt Ion:166 Resp: 2676044

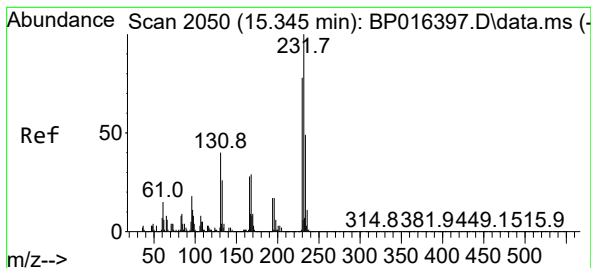
Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

167 13.3 10.6 16.0

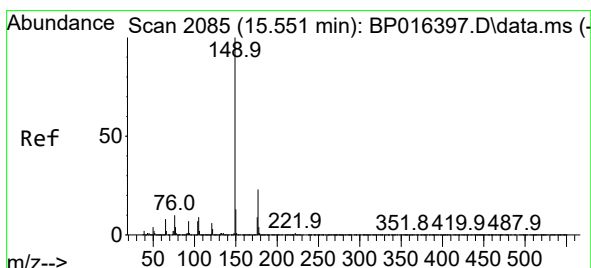
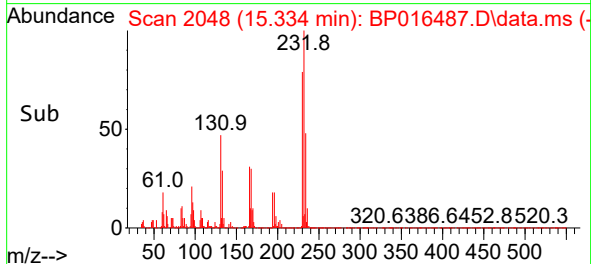
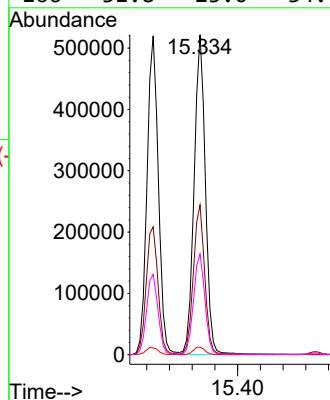
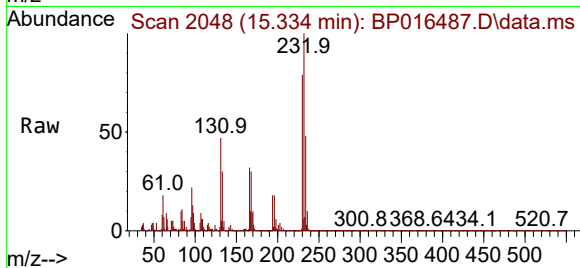




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.441 ng
RT: 15.334 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

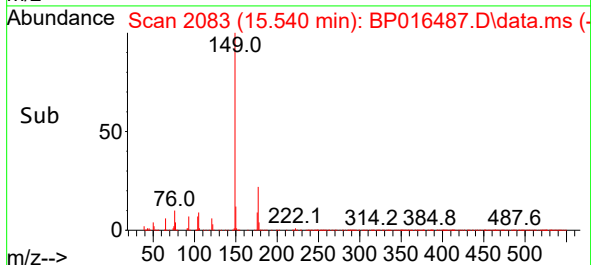
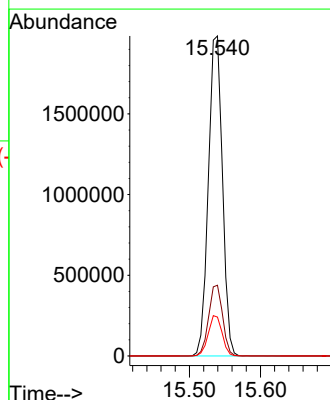
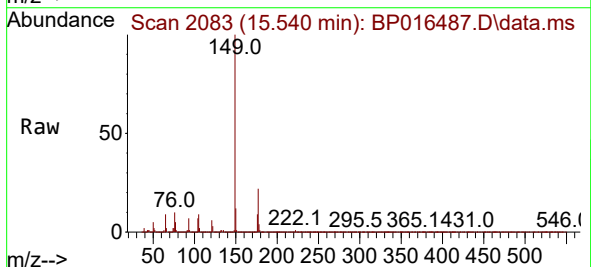
Instrument :
BNA_P
ClientSampleId :

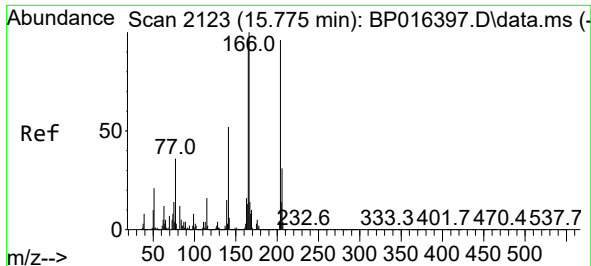
Tgt Ion:232 Resp: 721116
Ion Ratio Lower Upper
232 100
131 47.0 33.1 49.7
130 2.4 1.8 2.8
166 31.8 23.0 34.4



#60
Diethylphthalate
Concen: 44.222 ng
RT: 15.540 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:149 Resp: 2732578
Ion Ratio Lower Upper
149 100
177 22.1 18.6 27.8
150 12.1 10.1 15.1

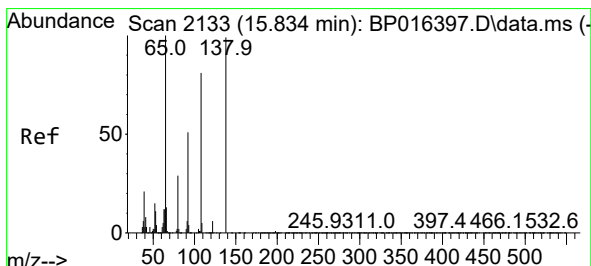
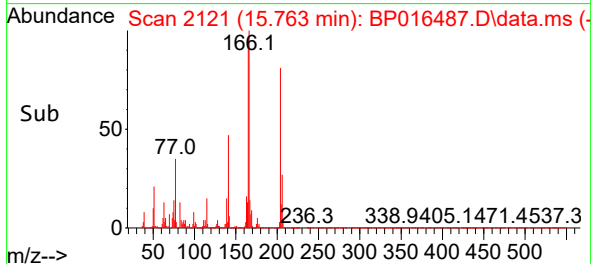
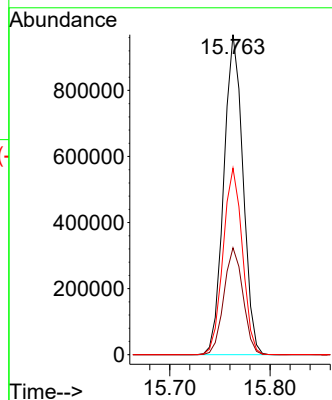
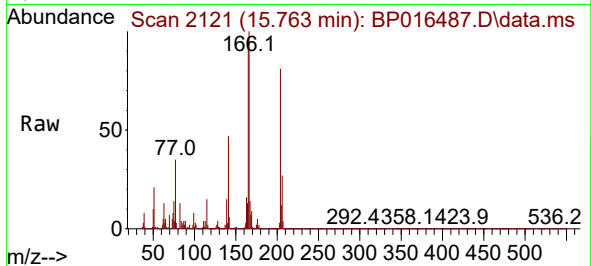




#61
4-Chlorophenyl-phenylether
Concen: 43.662 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

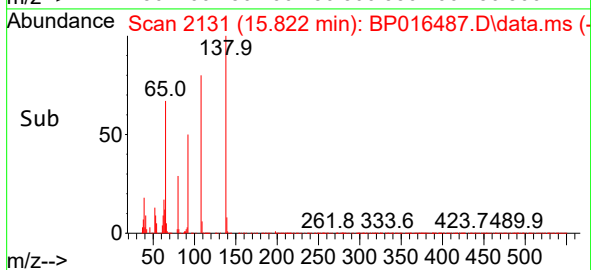
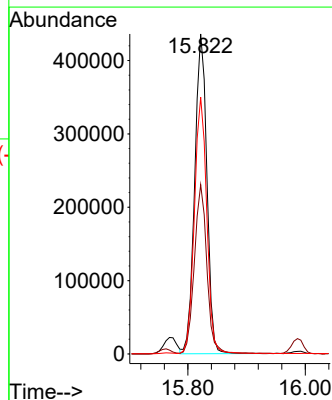
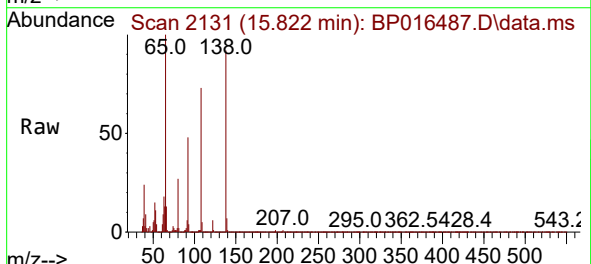
Instrument :
BNA_P
ClientSampleId :

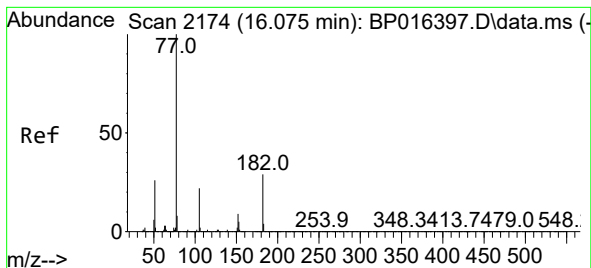
Tgt Ion:204 Resp: 1285326
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 58.3 43.4 65.0



#62
4-Nitroaniline
Concen: 43.881 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:138 Resp: 627151
Ion Ratio Lower Upper
138 100
92 52.9 30.3 70.3
108 80.2 60.1 100.1





#63

Azobenzene

Concen: 46.848 ng

RT: 16.063 min Scan# 2172

Delta R.T. -0.012 min

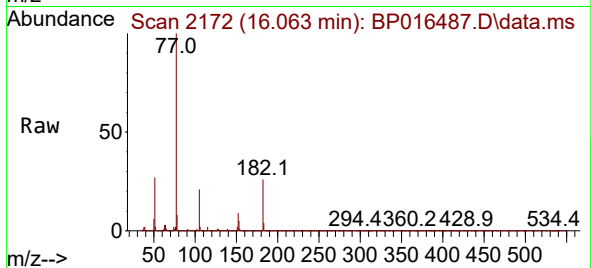
Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 77 Resp: 2733411

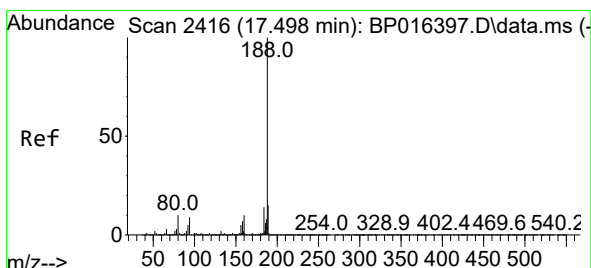
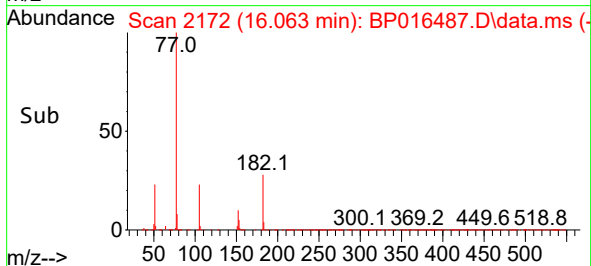
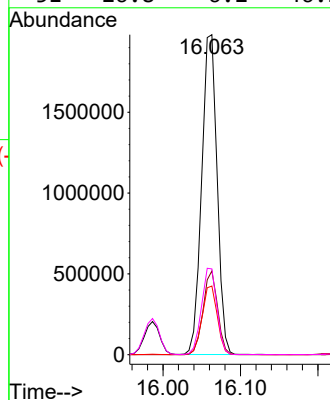
Ion Ratio Lower Upper

77 100

182 26.2 8.6 48.6

105 21.4 2.4 42.4

51 26.8 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

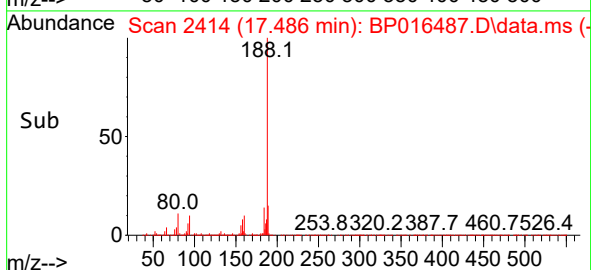
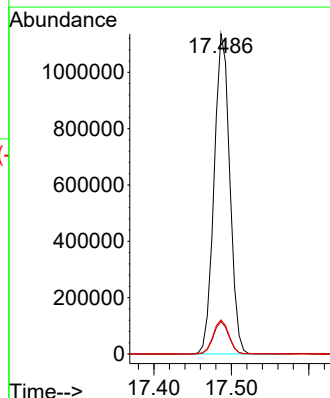
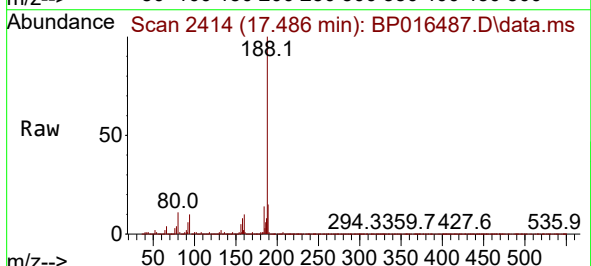
Tgt Ion:188 Resp: 1593876

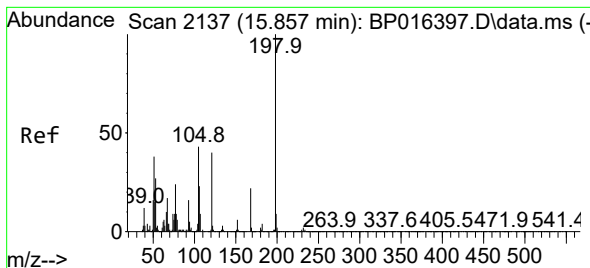
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 10.7 7.8 11.8

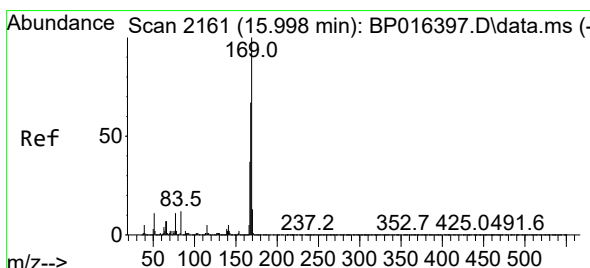
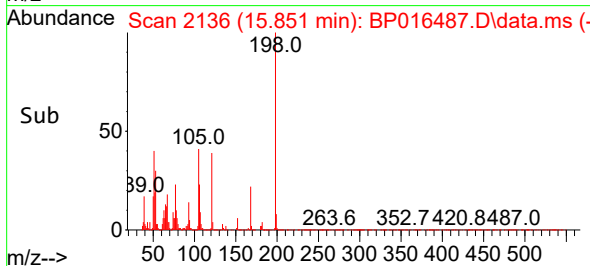
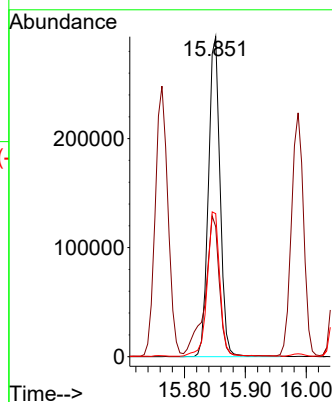
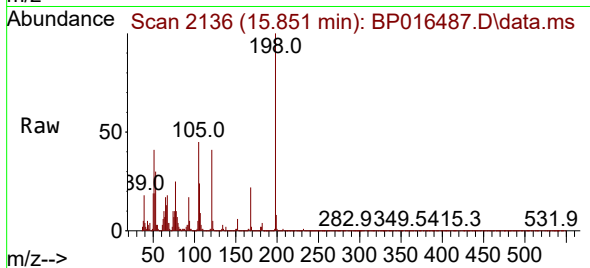




#65
4,6-Dinitro-2-methylphenol
Concen: 51.772 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

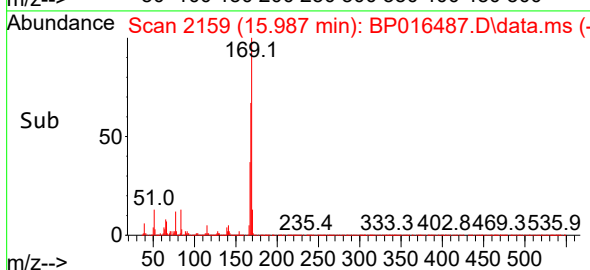
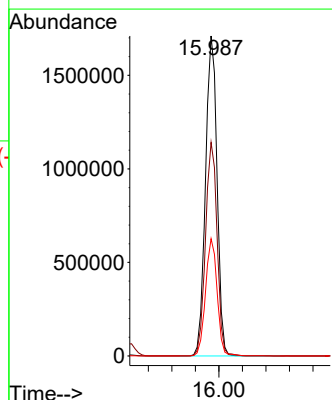
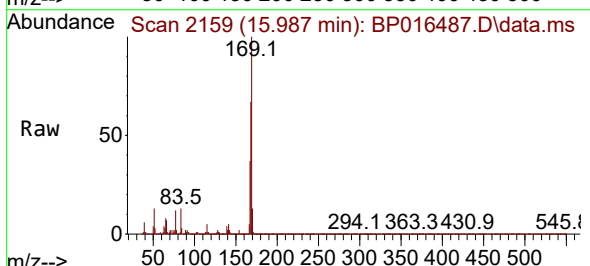
Instrument :
BNA_P
ClientSampleId :

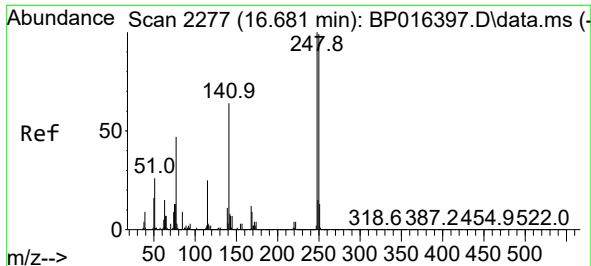
Tgt Ion:198 Resp: 390641
Ion Ratio Lower Upper
198 100
51 40.6 20.1 60.1
105 44.7 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.725 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:169 Resp: 2335724
Ion Ratio Lower Upper
169 100
168 66.7 53.6 80.4
167 36.7 29.2 43.8

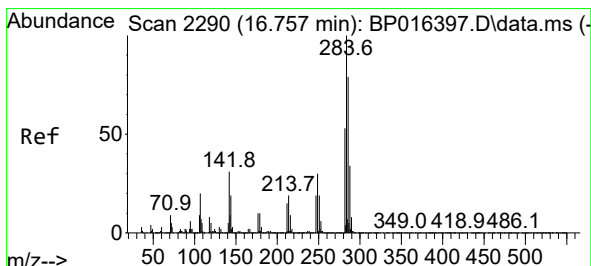
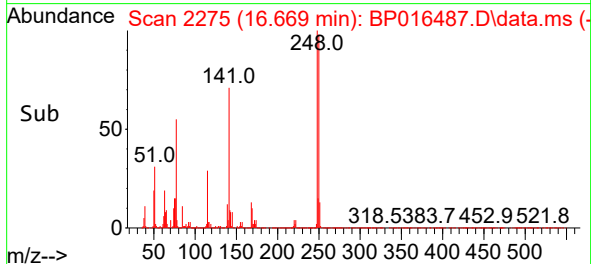
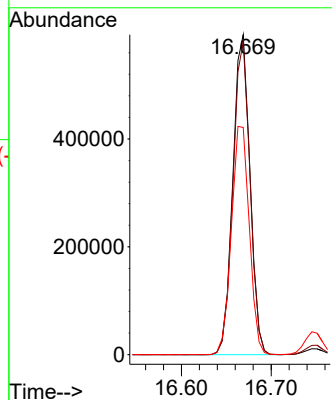
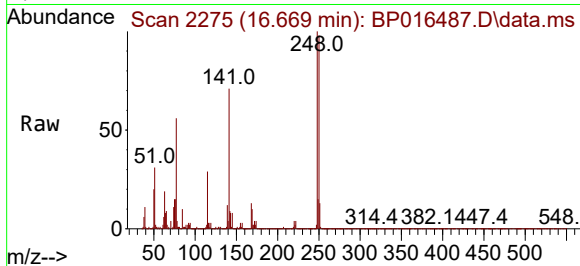




#67
4-Bromophenyl-phenylether
Concen: 46.672 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

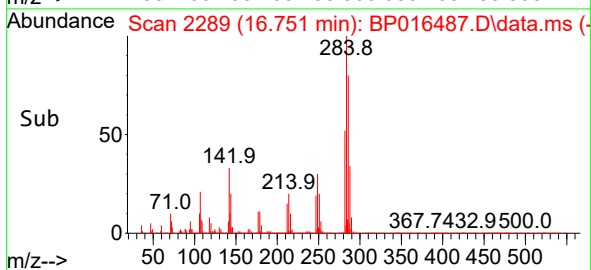
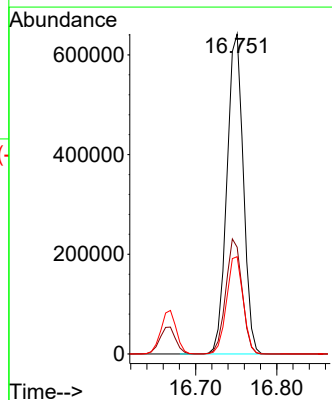
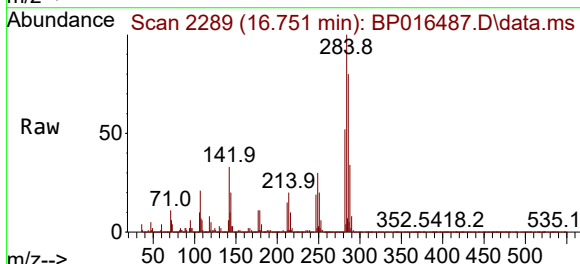
Instrument :
BNA_P
ClientSampleId :

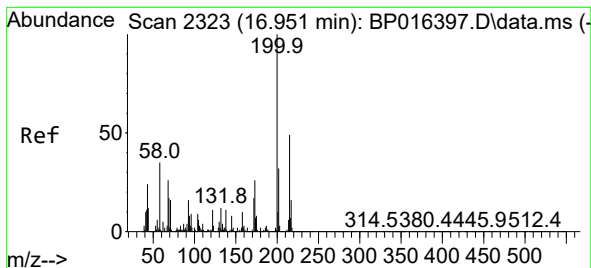
Tgt Ion:248 Resp: 787690
Ion Ratio Lower Upper
248 100
250 97.8 78.9 118.3
141 71.0 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.861 ng
RT: 16.751 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP016487.D
Acq: 03 Aug 2023 12:17

Tgt Ion:284 Resp: 900786
Ion Ratio Lower Upper
284 100
142 33.3 25.2 37.8
249 30.4 26.0 39.0





#69

Atrazine

Concen: 57.066 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

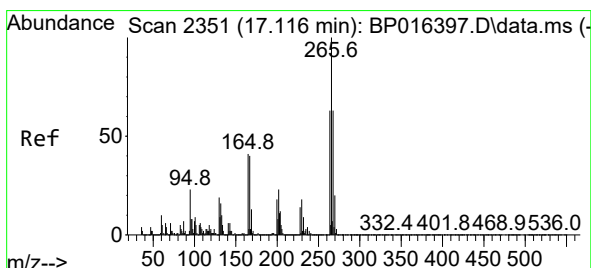
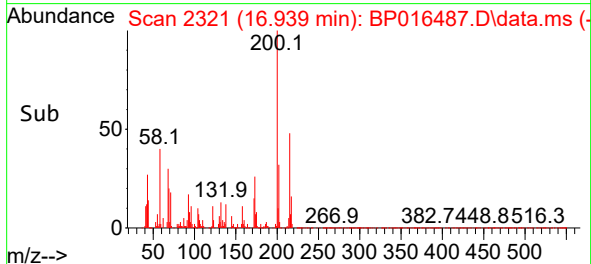
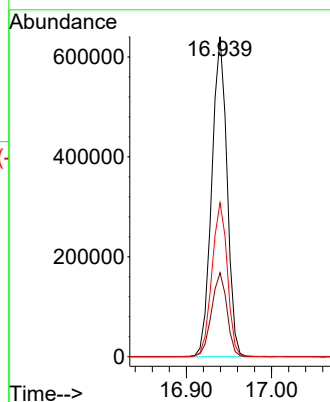
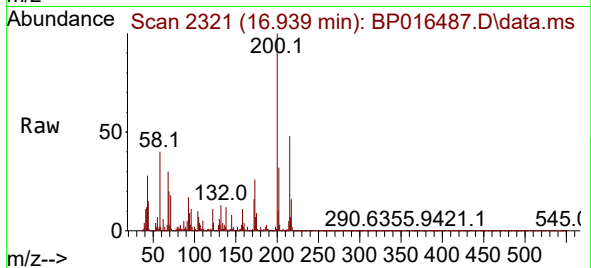
Tgt Ion:200 Resp: 797192

Ion Ratio Lower Upper

200 100

173 26.2 5.8 45.8

215 48.1 29.2 69.2



#70

Pentachlorophenol

Concen: 80.497 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

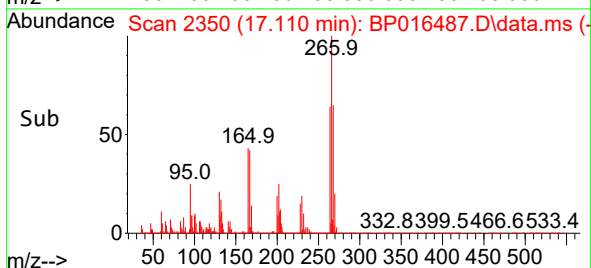
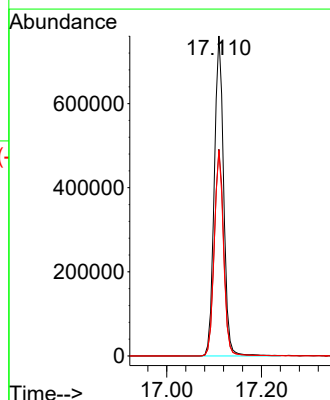
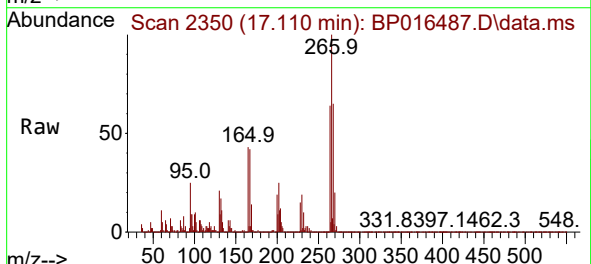
Tgt Ion:266 Resp: 1048440

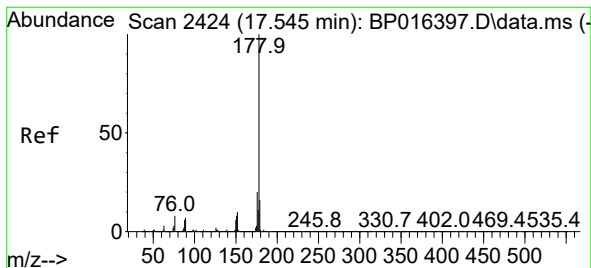
Ion Ratio Lower Upper

266 100

268 64.6 53.9 80.9

264 64.2 54.9 82.3





#71

Phenanthrene

Concen: 48.504 ng

RT: 17.534 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

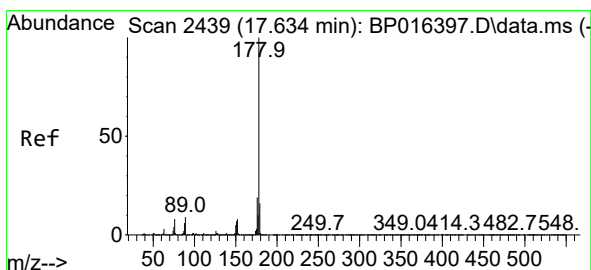
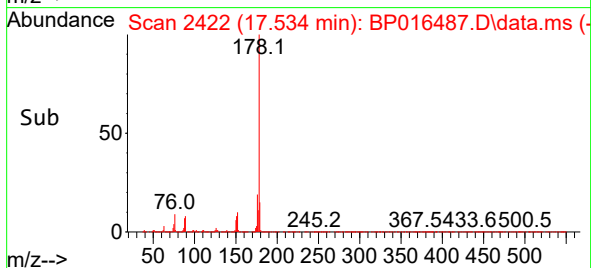
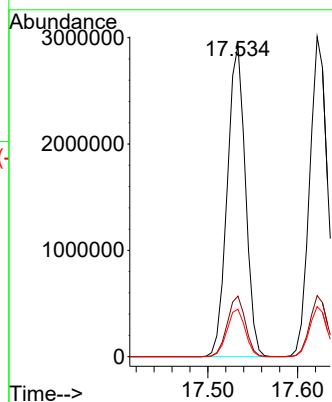
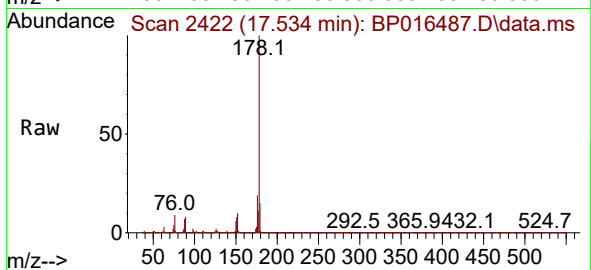
Tgt Ion:178 Resp: 4105061

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.3 12.4 18.6



#72

Anthracene

Concen: 48.805 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

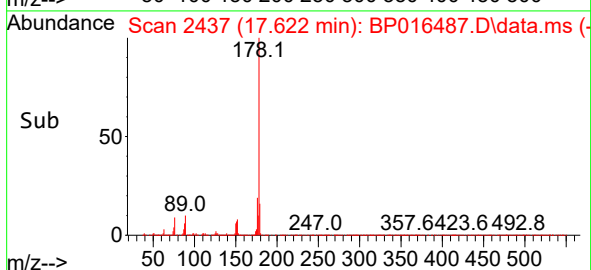
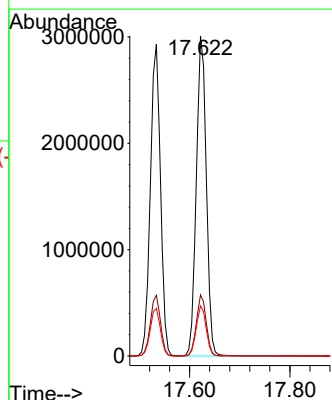
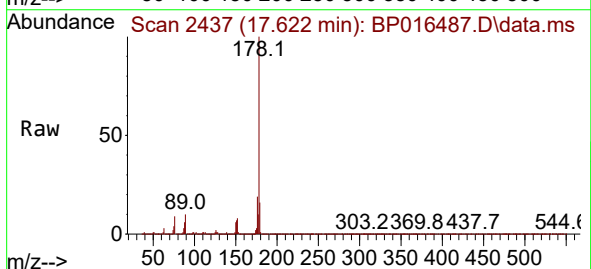
Tgt Ion:178 Resp: 4153459

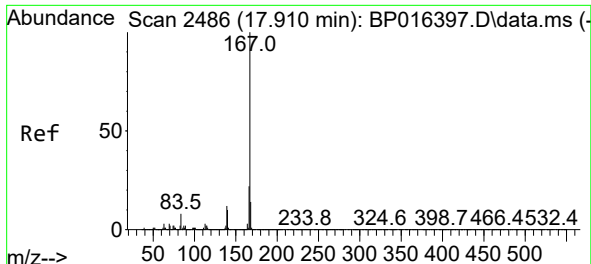
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.7 12.6 19.0

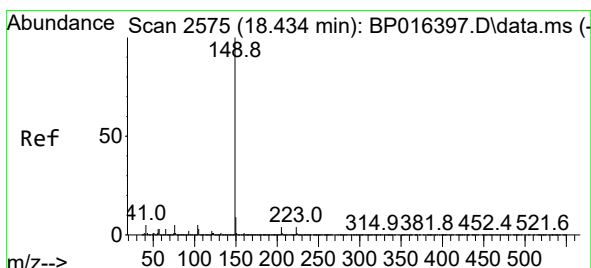
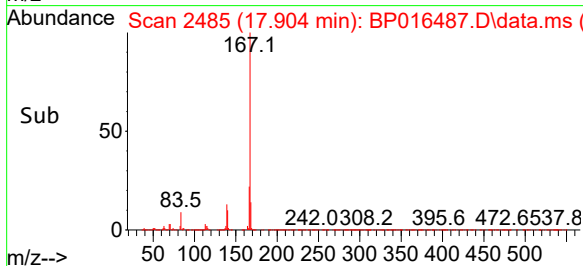
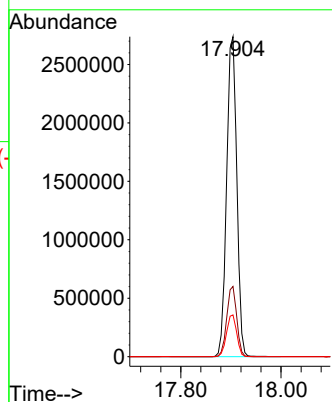
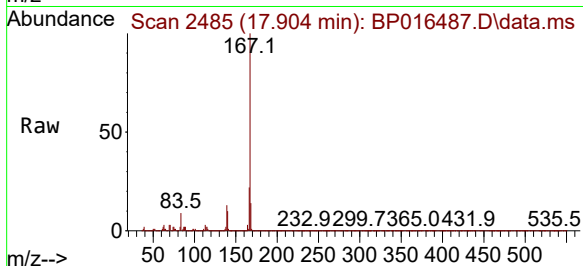




#73
 Carbazole
 Concen: 48.377 ng
 RT: 17.904 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP016487.D
 Acq: 03 Aug 2023 12:17

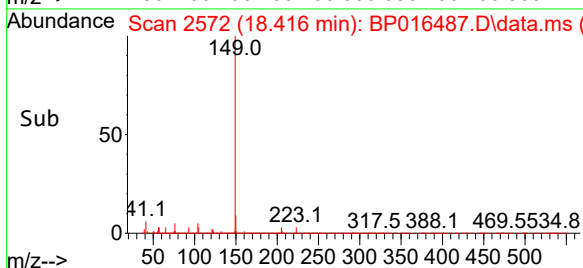
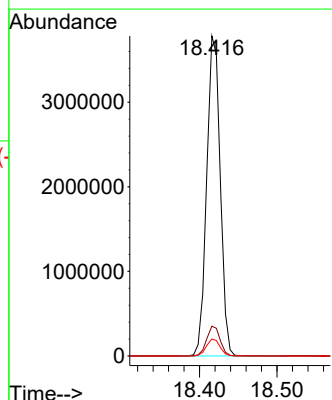
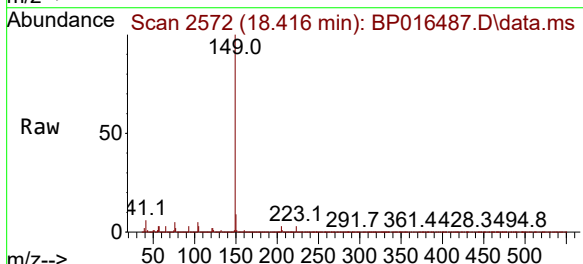
Instrument :
 BNA_P
 ClientSampleId :

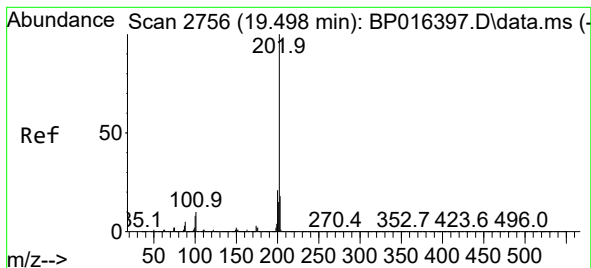
Tgt Ion:167 Resp: 3859893
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.1 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 49.672 ng
 RT: 18.416 min Scan# 2572
 Delta R.T. -0.018 min
 Lab File: BP016487.D
 Acq: 03 Aug 2023 12:17

Tgt Ion:149 Resp: 4585189
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 3.8 5.8





#75

Fluoranthene

Concen: 46.212 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

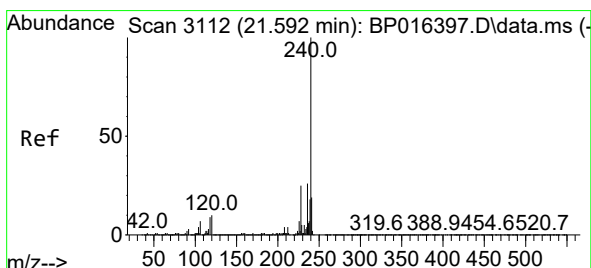
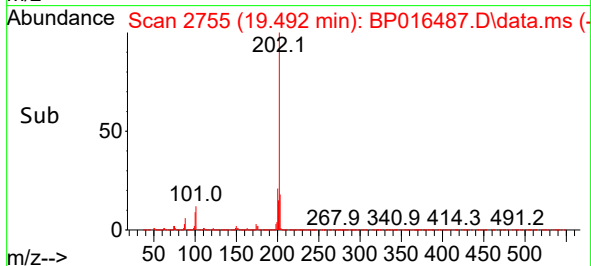
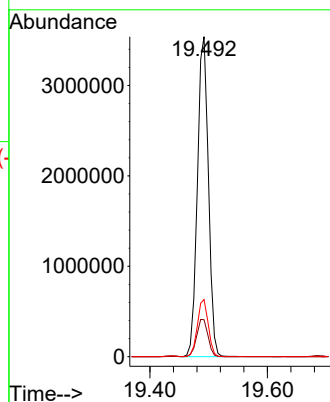
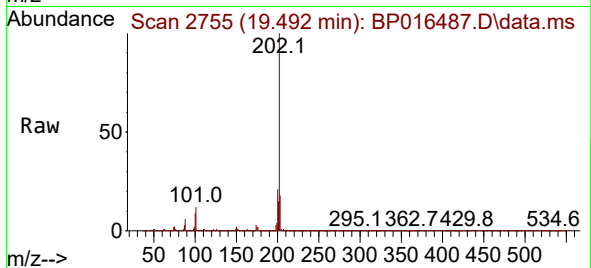
Tgt Ion:202 Resp: 4584193

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.2

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

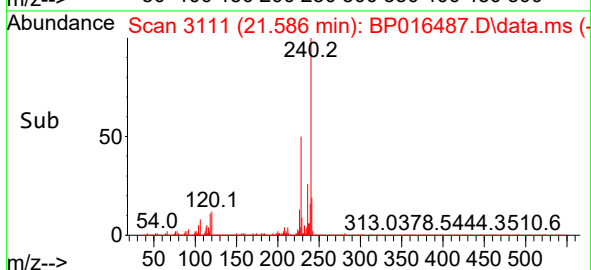
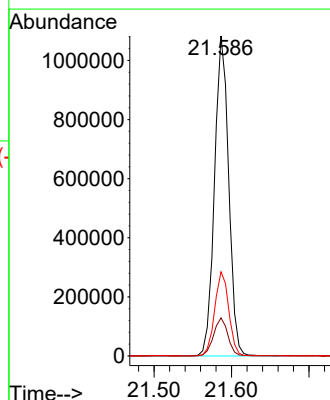
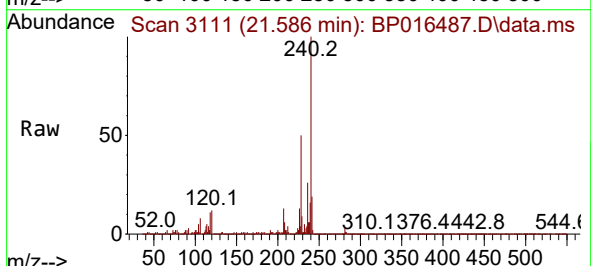
Tgt Ion:240 Resp: 1376056

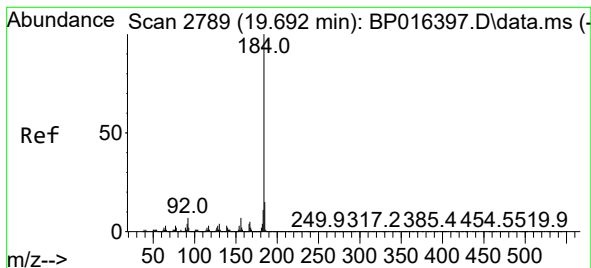
Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9#

236 26.3 21.1 31.7





#77

Benzidine

Concen: 82.923 ng

RT: 19.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

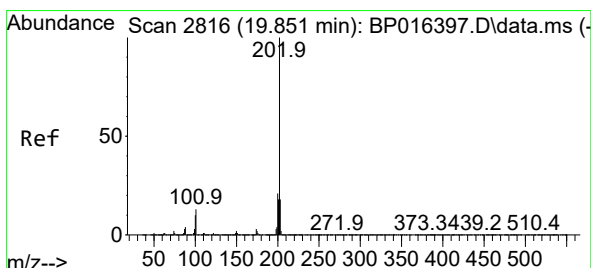
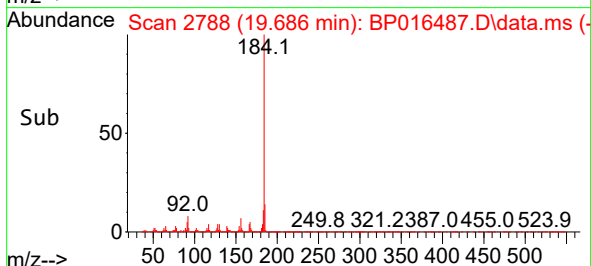
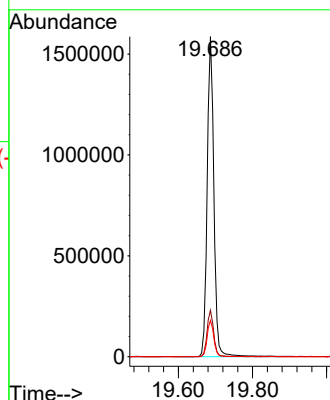
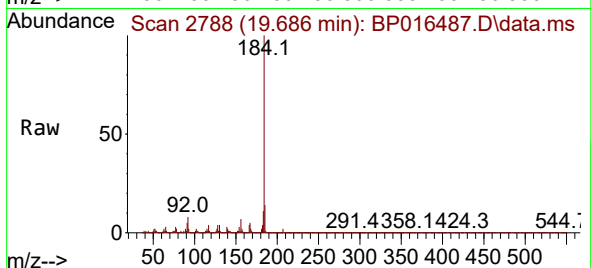
Tgt Ion:184 Resp: 1978342

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 51.544 ng

RT: 19.845 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

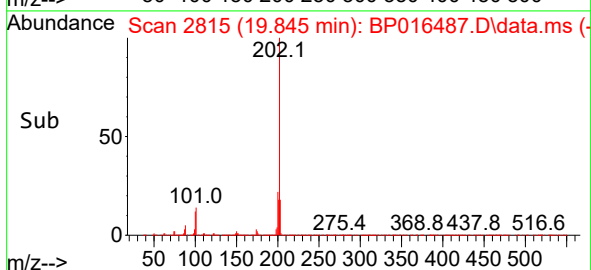
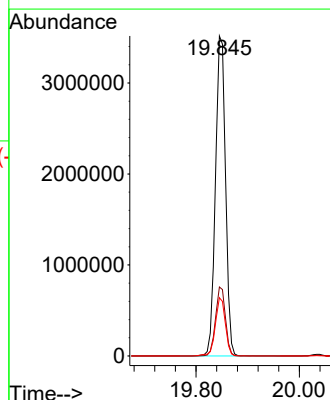
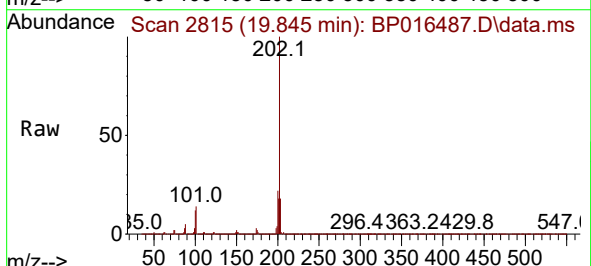
Tgt Ion:202 Resp: 4754666

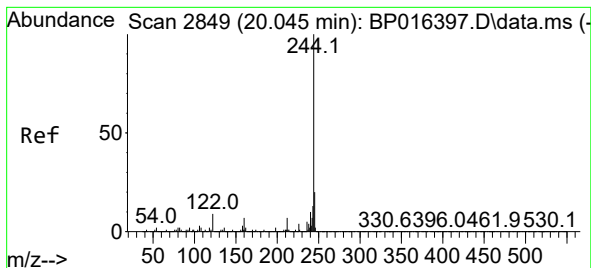
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 101.994 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

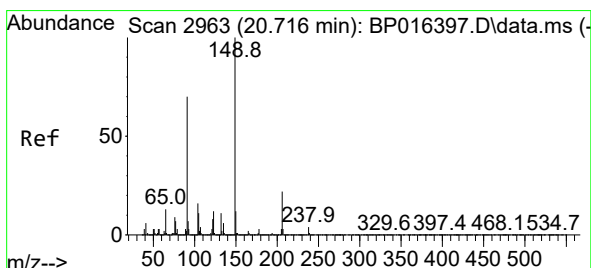
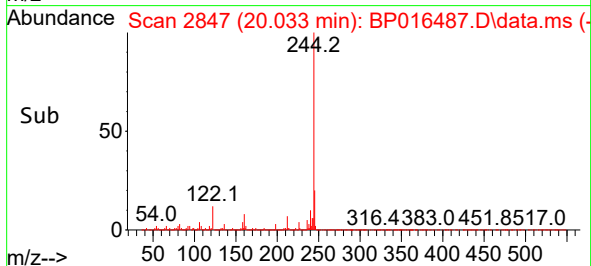
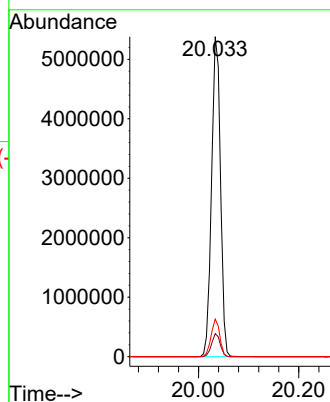
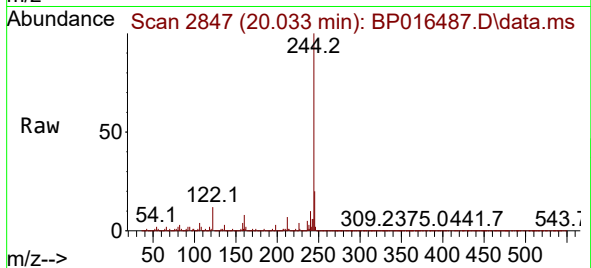
Tgt Ion:244 Resp: 6644035

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.8 7.4 11.2#



#80

Butylbenzylphthalate

Concen: 55.933 ng

RT: 20.710 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

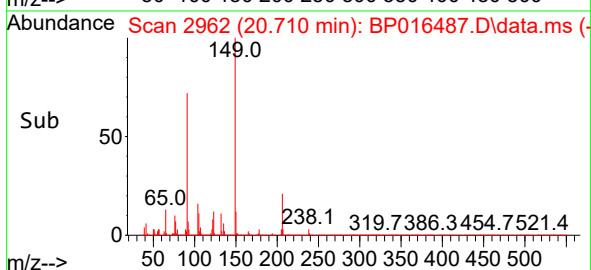
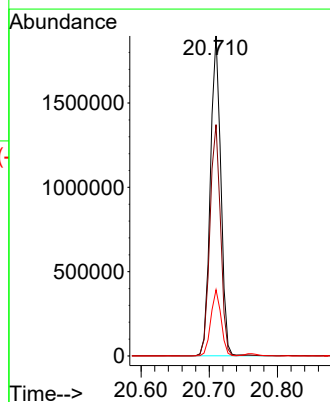
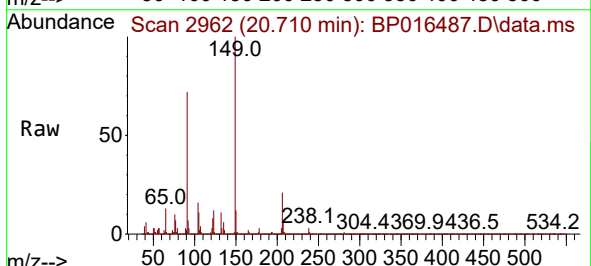
Tgt Ion:149 Resp: 2026933

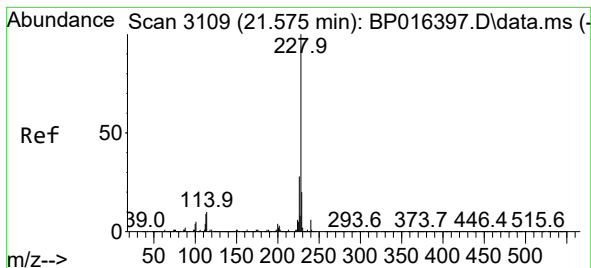
Ion Ratio Lower Upper

149 100

91 72.3 56.1 84.1

206 20.7 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.003 ng

RT: 21.569 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

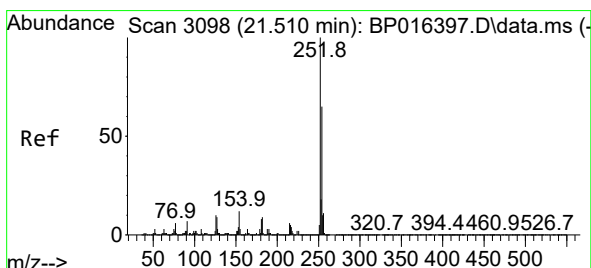
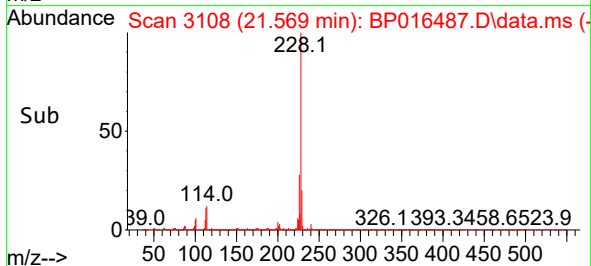
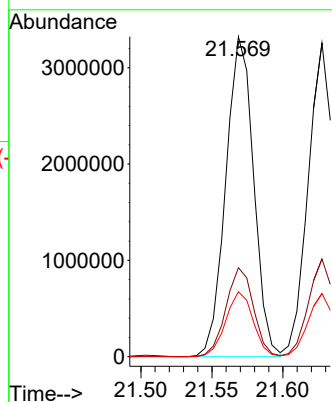
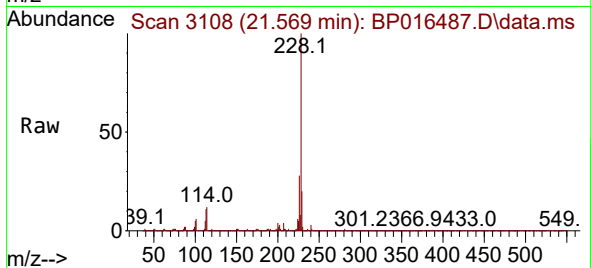
Tgt Ion:228 Resp: 4524347

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 36.239 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

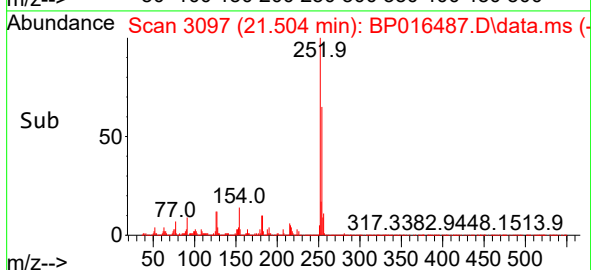
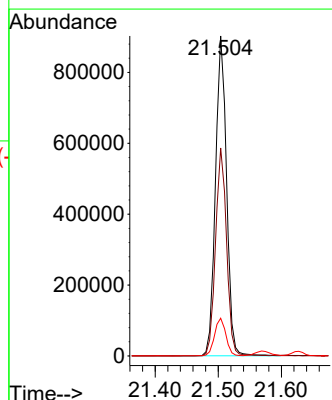
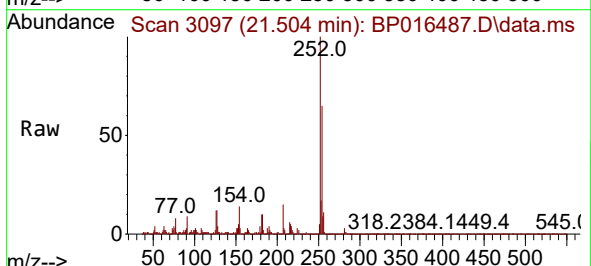
Tgt Ion:252 Resp: 1098323

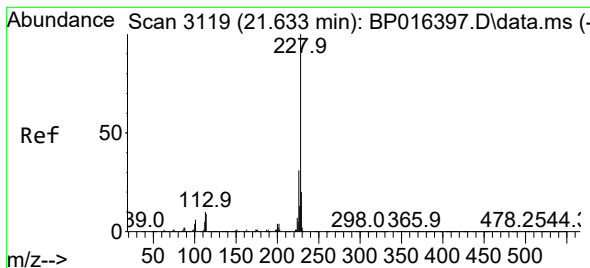
Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

126 11.8 7.8 11.6#





#83

Chrysene

Concen: 47.192 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

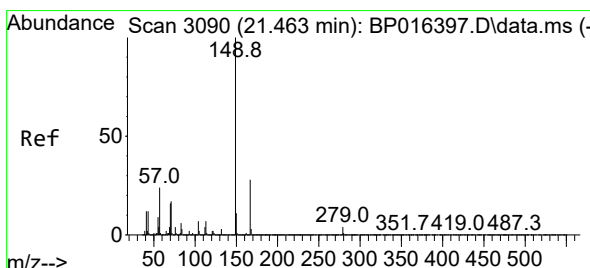
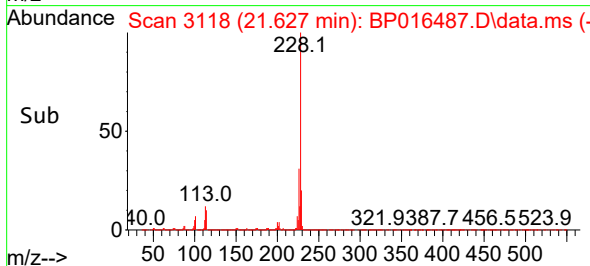
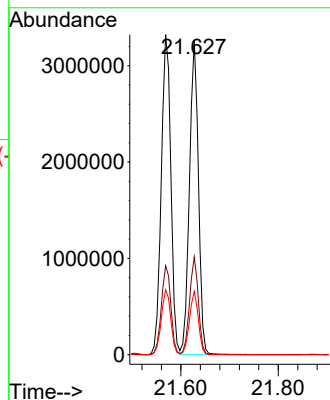
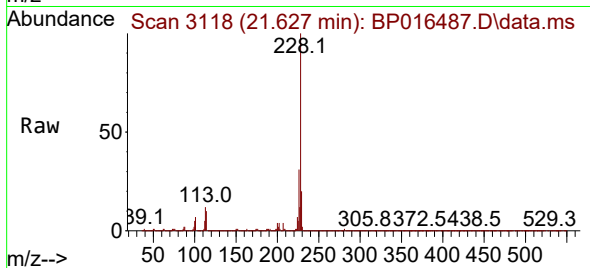
Tgt Ion:228 Resp: 4160648

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.295 ng

RT: 21.451 min Scan# 3088

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

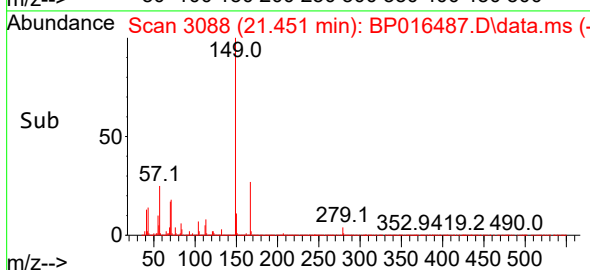
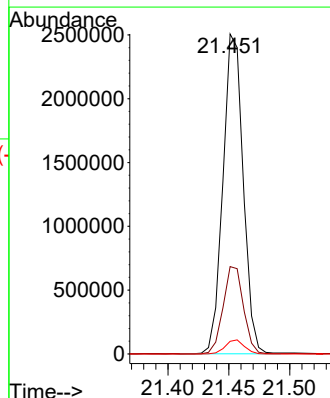
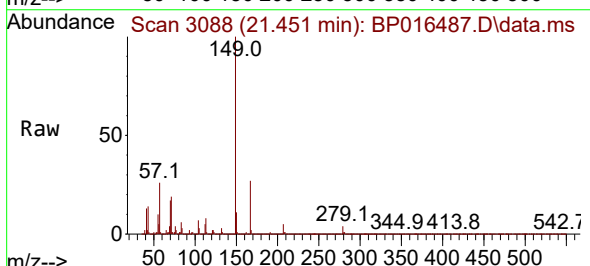
Tgt Ion:149 Resp: 2899652

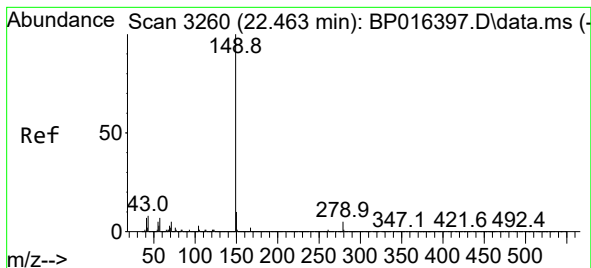
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.705 ng

RT: 22.445 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

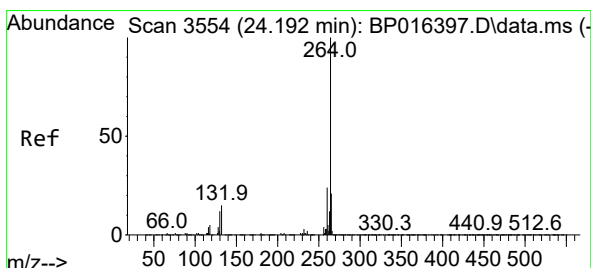
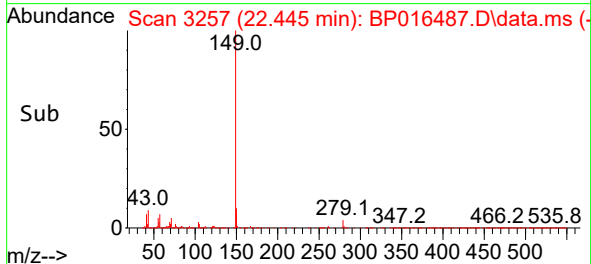
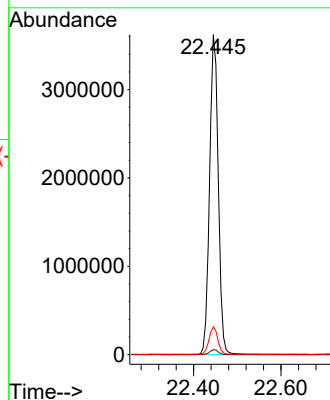
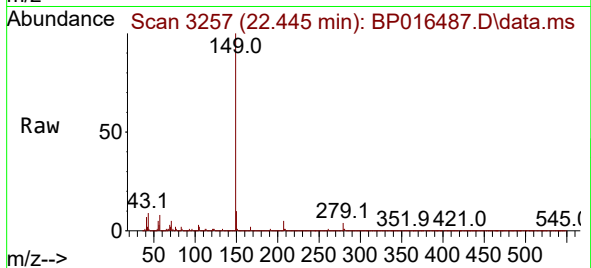
Tgt Ion:149 Resp: 5005740

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

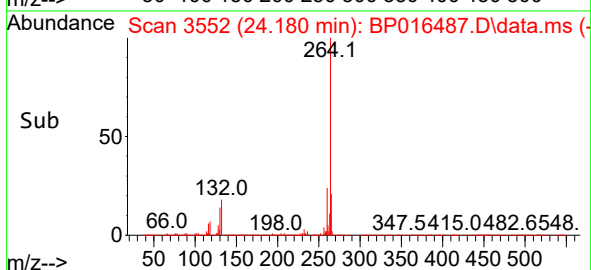
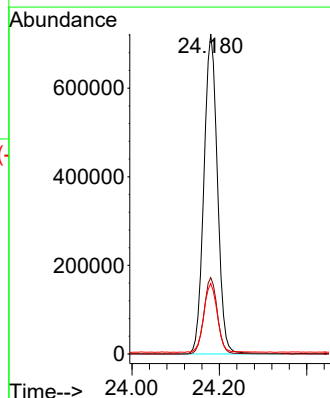
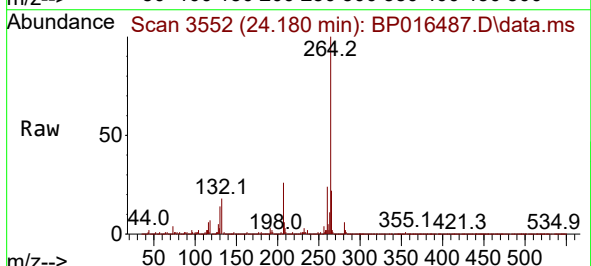
Tgt Ion:264 Resp: 1557229

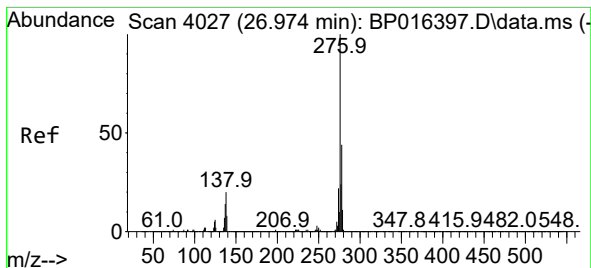
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.134 ng

RT: 26.957 min Scan# 40

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

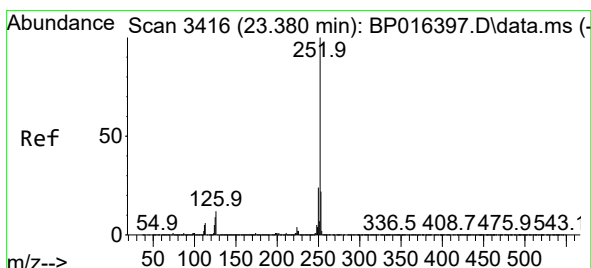
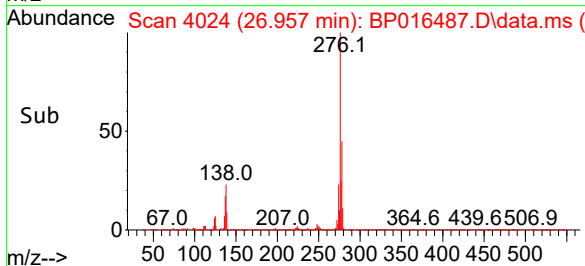
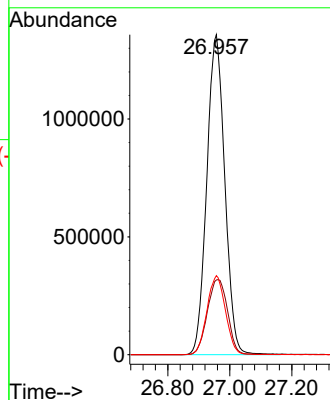
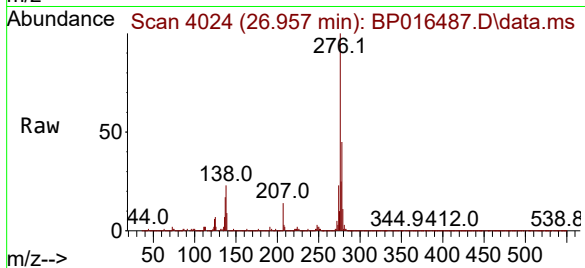
Tgt Ion:276 Resp: 5473319

Ion Ratio Lower Upper

276 100

138 26.4 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.227 ng

RT: 23.374 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

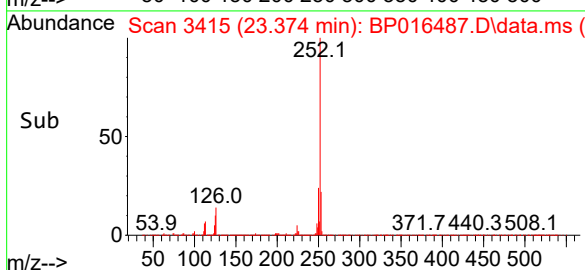
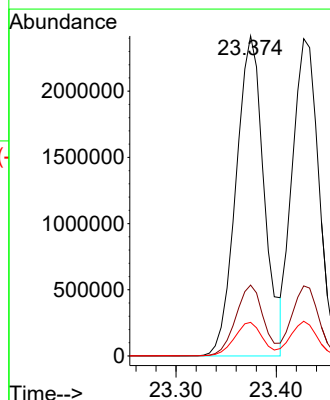
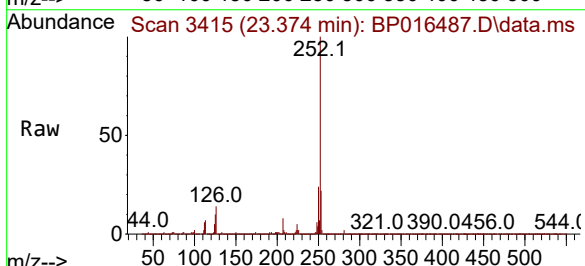
Tgt Ion:252 Resp: 4714418

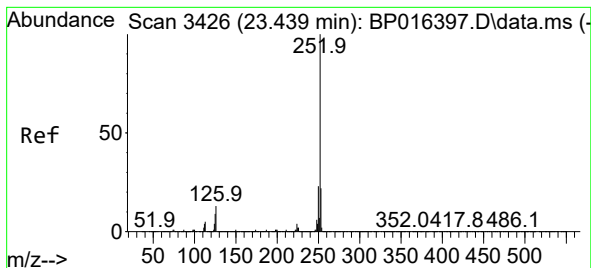
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 51.353 ng

RT: 23.374 min Scan# 34

Delta R.T. -0.065 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

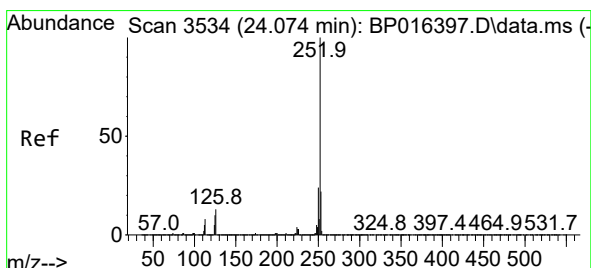
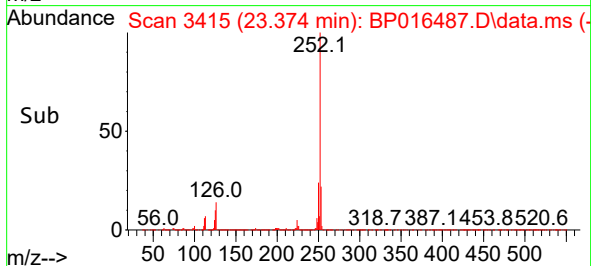
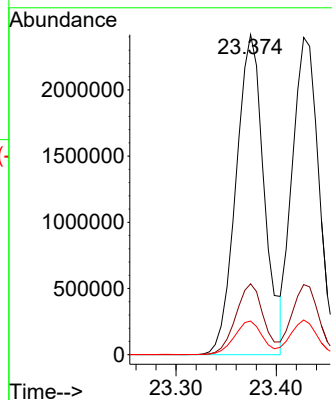
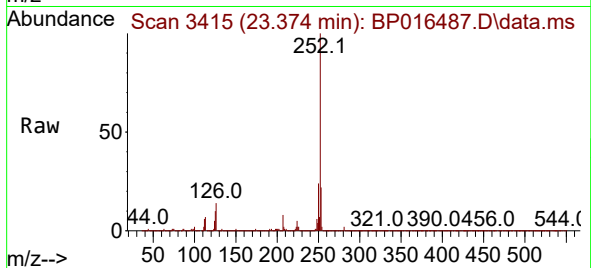
Tgt Ion:252 Resp: 4714418

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.5 7.1 10.7



#90

Benzo(a)pyrene

Concen: 46.591 ng

RT: 24.063 min Scan# 3532

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

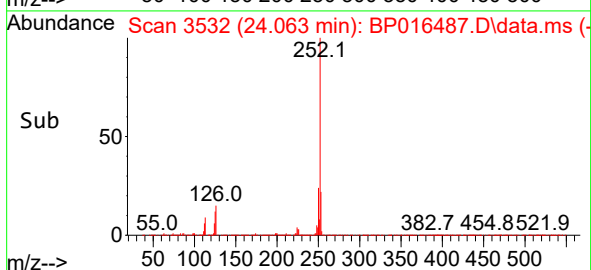
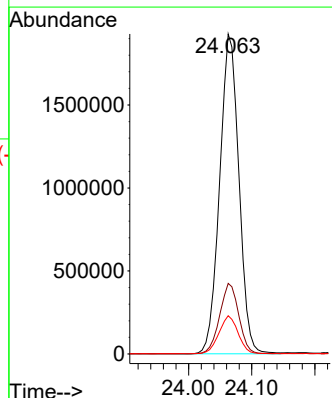
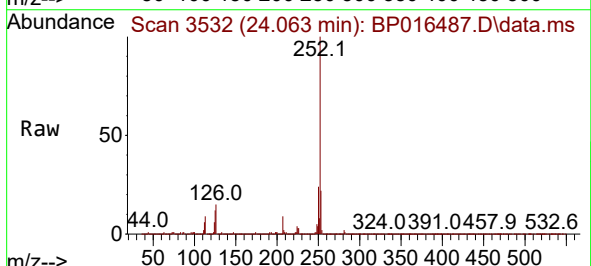
Tgt Ion:252 Resp: 4073580

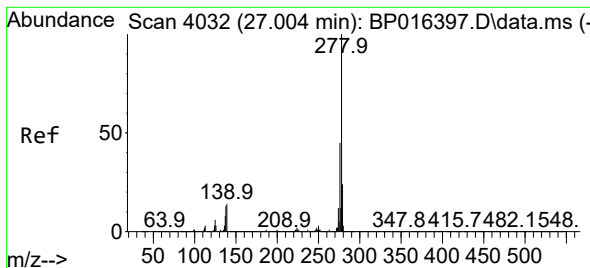
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 52.149 ng

RT: 26.986 min Scan# 4032

Delta R.T. -0.018 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Instrument :

BNA_P

ClientSampleId :

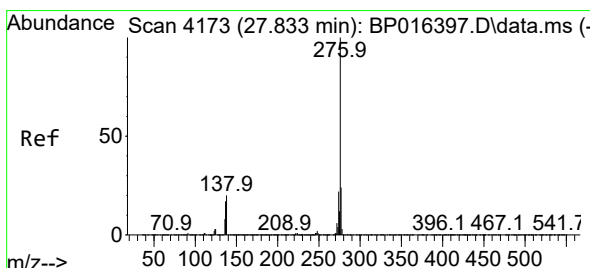
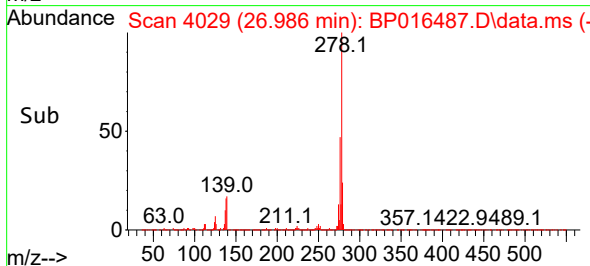
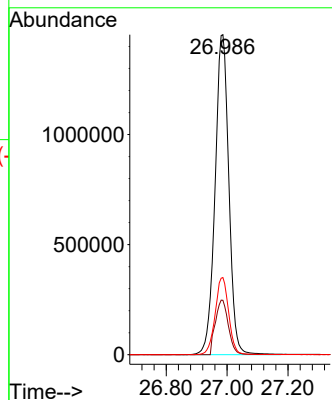
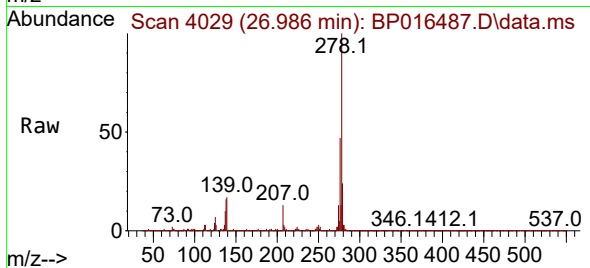
Tgt Ion:278 Resp: 4565808

Ion Ratio Lower Upper

278 100

139 17.0 11.6 17.4

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 51.907 ng

RT: 27.821 min Scan# 4171

Delta R.T. -0.012 min

Lab File: BP016487.D

Acq: 03 Aug 2023 12:17

Tgt Ion:276 Resp: 4379438

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.1 16.1 24.1

