

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013502.D
 Acq On : 17 Jan 2023 19:39
 Operator : CG/JU
 Sample : 01145-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 01:16:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	454661	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1768800	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.546	164	1110927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	2835069	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	73888	20.000	ng/u1	# 0.00
88) Perylene-d12	23.874	264	3005200	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36854	3.151	ng/uL	0.00
4) Pyridine-d5	3.728	84	180021	5.518	ng/u1	0.00
7) Phenol-d5	7.064	99	721357	19.120	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	433641	18.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	581040	20.652	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	563443	19.603	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	269341	21.386	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	311763	22.613	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	598455	21.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	631785	16.322	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1655177	20.450	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1927856	21.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	287959	19.437	ng/u1	0.00
60) Fluorene-d10	15.545	176	1486273	20.789	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	304252	16.925	ng/u1	0.02
73) Anthracene-d10	17.416	188	2365032	18.873	ng/u1	0.00
81) Pyrene-d10	19.645	212	3021445	751.584	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	3112082	21.082	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	85633	6.648	ng/uL#	95
5) Pyridine	3.746	79	236804	7.178	ng/u1	95
6) Benzaldehyde	7.040	77	483585	33.607	ng/u1	93
8) Phenol	7.093	94	792053	20.293	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	605202	19.609	ng/u1	99
12) 2-Chlorophenol	7.464	128	624230	21.298	ng/u1	95
13) 2-Methylphenol	8.346	108	578372	20.634	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.428	45	936278	19.659	ng/u1	99
16) Acetophenone	8.728	105	959019	21.140	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.711	70	451182	20.803	ng/u1	99
18) 4-Methylphenol	8.675	108	630481	20.463	ng/u1	100
19) Hexachloroethane	8.981	117	255950	21.673	ng/u1	97
22) Nitrobenzene	9.111	77	687499	20.913	ng/u1	95
23) Isophorone	9.640	82	1231360	21.404	ng/u1	99
25) 2-Nitrophenol	9.822	139	341401	22.776	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	659596	21.093	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.122	93	783137	20.599	ng/u1	99
29) 2,4-Dichlorophenol	10.358	162	609191	22.162	ng/u1	99
30) Naphthalene	10.763	128	1937465	20.590	ng/u1	99
32) 4-Chloroaniline	10.875	127	610934	15.699	ng/u1	98
33) Hexachlorobutadiene	11.040	225	433641	21.969	ng/u1	98
34) Caprolactam	11.657	113	132076	16.150	ng/u1	93
35) 4-Chloro-3-methylphenol	11.999	107	617237	23.266	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1287546	21.396	ng/u1	98

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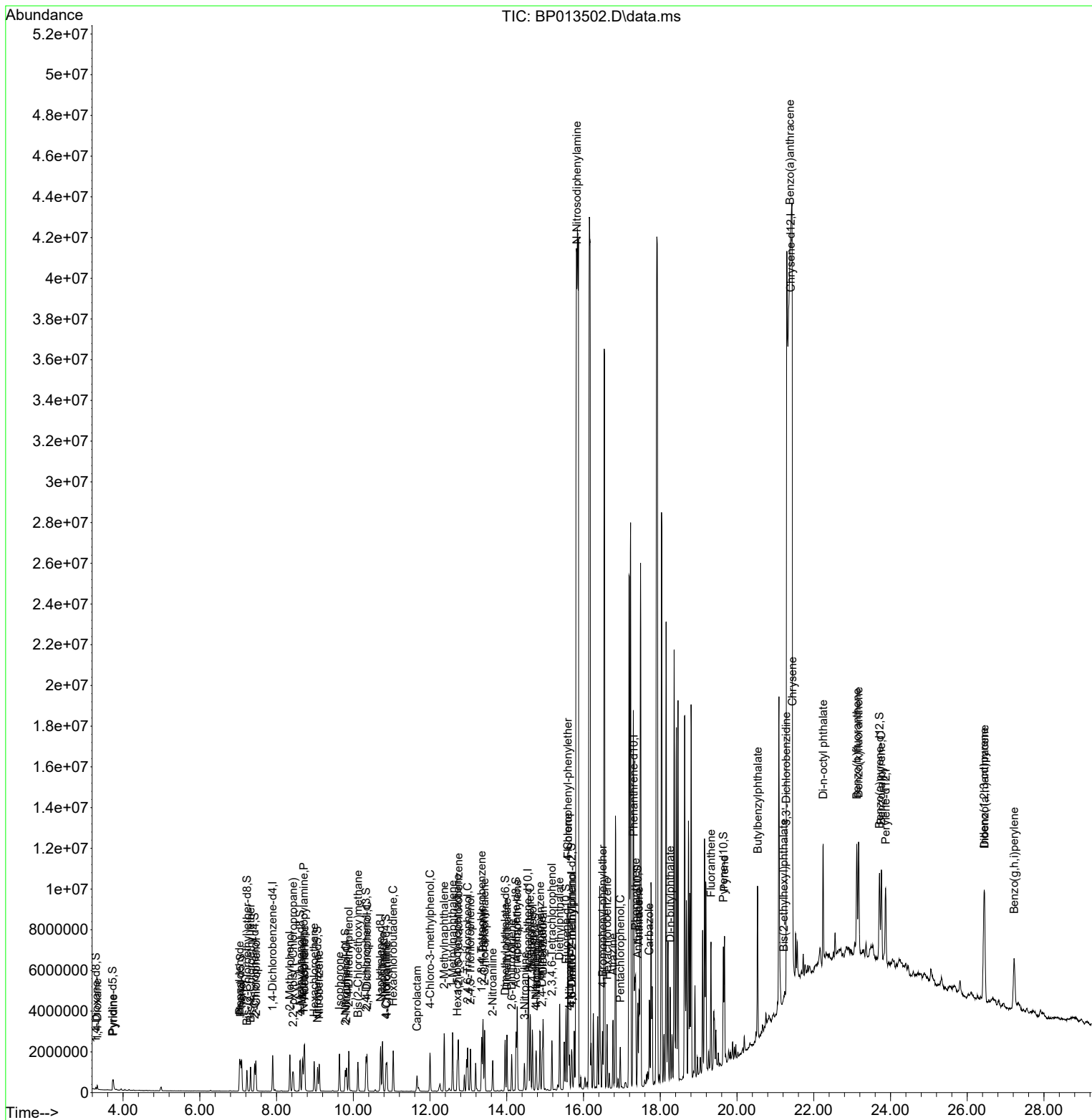
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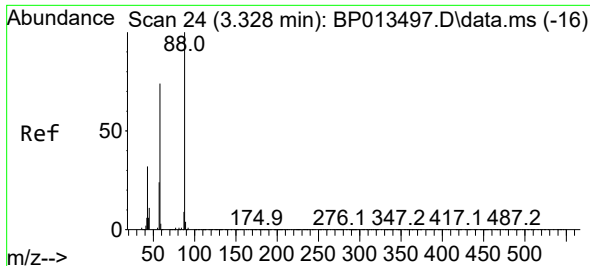
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1329437	21.298	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	797775	20.947	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	388963	16.976	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	525042	23.435	ng/ul	100
42) 2,4,5-Trichlorophenol	13.051	196	564067	23.136	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1799477	21.335	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1411682	20.742	ng/ul	99
45) 2-Nitroaniline	13.634	65	400328	24.306	ng/ul	95
47) Dimethylphthalate	14.004	163	1711600	21.166	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	349429	24.954	ng/ul	94
50) Acenaphthylene	14.269	152	2166414	21.941	ng/ul	99
51) 3-Nitroaniline	14.463	138	324986	21.911	ng/ul	93
52) Acenaphthene	14.610	153	1513985	21.423	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	210992	20.242	ng/ul#	85
55) 4-Nitrophenol	14.769	109	241331	21.431	ng/ul	98
56) Dibenzofuran	14.945	168	2126020	20.947	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	516859	24.831	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	500877	23.550	ng/ul	98
59) Diethylphthalate	15.375	149	1712275	22.623	ng/ul	99
61) Fluorene	15.598	166	2419937	29.870	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.593	204	917830	21.694	ng/ul	95
63) 4-Nitroaniline	15.634	138	348719	25.429	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	328912	18.537	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	776440	10.126	ng/ul#	40
68) 4-Bromophenyl-phenylether	16.498	248	604844	20.596	ng/ul	97
69) Hexachlorobenzene	16.616	284	682020	19.262	ng/ul	98
70) Atrazine	16.769	200	606309	20.685	ng/ul	98
71) Pentachlorophenol	16.957	266	373103	17.703	ng/ul	98
72) Phenanthrene	17.357	178	2822779	18.728	ng/ul	99
74) Anthracene	17.445	178	2898745	19.470	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.346	216	787323	18.389	ng/ul	100
76) Pentachlorobenzene	14.869	250	770087	18.474	ng/ul	99
77) Carbazole	17.716	167	2659431	20.623	ng/ul	100
78) Di-n-butylphthalate	18.257	149	3278614	25.925	ng/ul	99
80) Fluoranthene	19.322	202	3624553	787.746	ng/ul	98
82) Pyrene	19.675	202	3764999	772.259	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1570754	1061.774	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.280	252	4979	3.656	ng/ul#	1
85) Benzo(a)anthracene	21.380	228	137318	28.063	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	63763	30.942	ng/ul#	86
87) Chrysene	21.445	228	1570790	329.355	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	4380475	34.008	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	4021192	21.158	ng/ul#	98
91) Benzo(k)fluoranthene	23.169	252	3986274	21.981	ng/ul#	98
93) Benzo(a)pyrene	23.763	252	3600510	21.577	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.439	276	4842910	20.945	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	4065287	21.077	ng/ul	100
96) Benzo(g,h,i)perylene	27.221	276	3413632	17.950	ng/ul	99

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

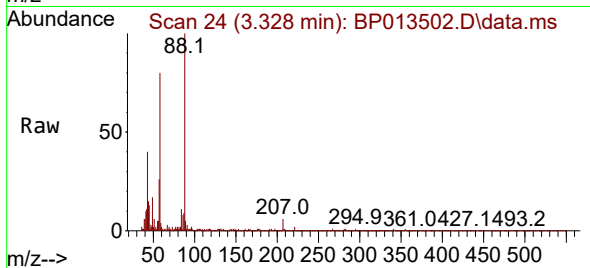
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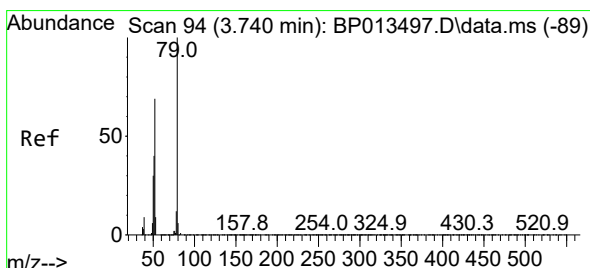
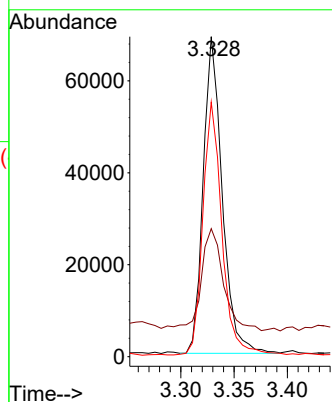
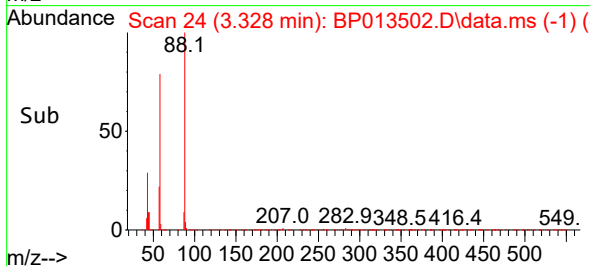


#2
 1,4-Dioxane
 Concen: 6.648 ng/uL
 RT: 3.328 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39

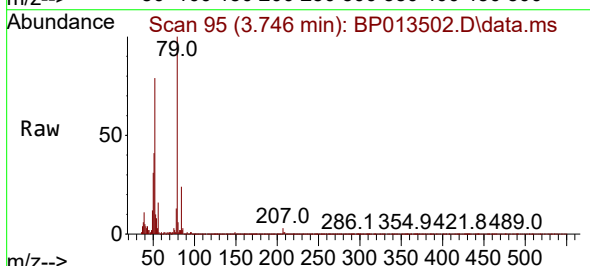
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 ClientSampleId :



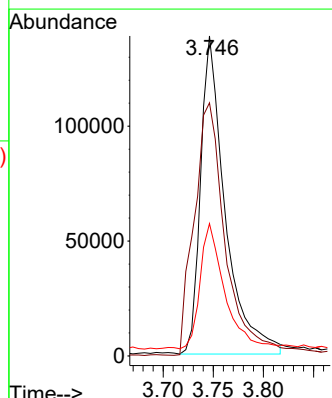
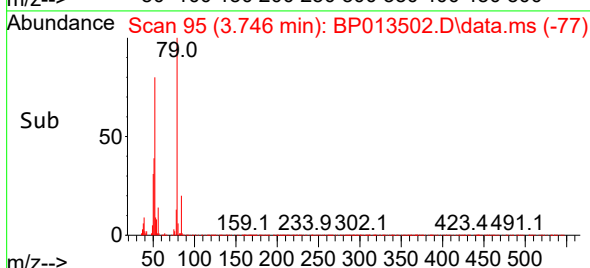
Tgt Ion: 88 Resp: 85633
 Ion Ratio Lower Upper
 88 100
 43 40.0 26.6 40.0#
 58 79.5 64.7 97.1

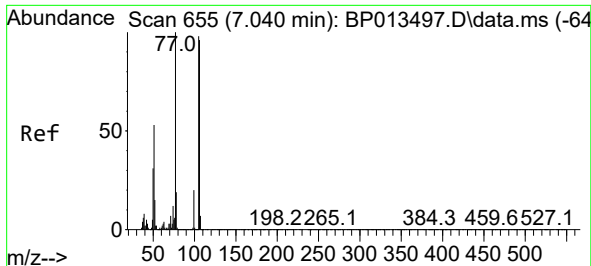


#5
 Pyridine
 Concen: 7.178 ng/uL
 RT: 3.746 min Scan# 95
 Delta R.T. 0.006 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39



Tgt Ion: 79 Resp: 236804
 Ion Ratio Lower Upper
 79 100
 52 79.1 67.7 101.5
 51 41.3 32.3 48.5

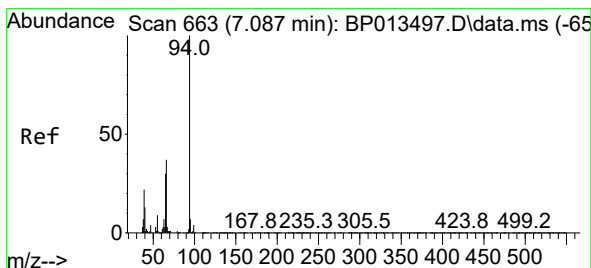
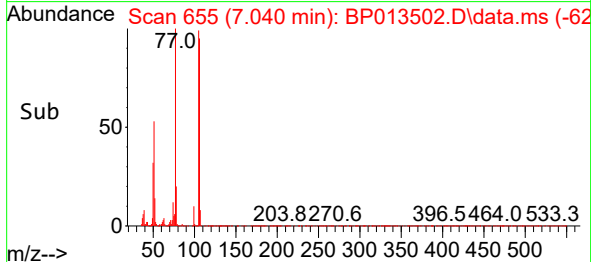
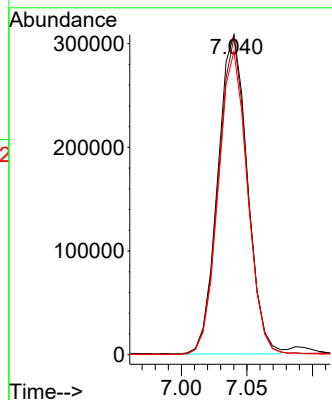
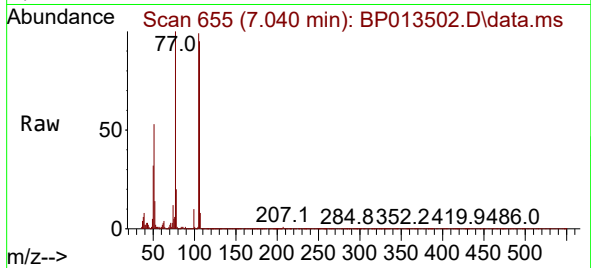




#6
Benzaldehyde
Concen: 33.607 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

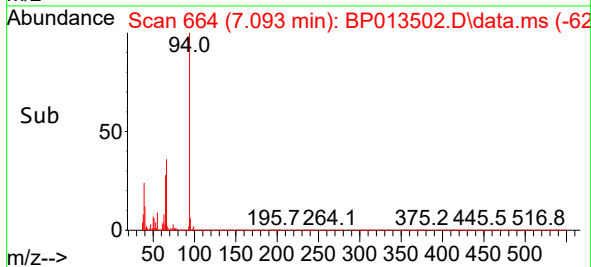
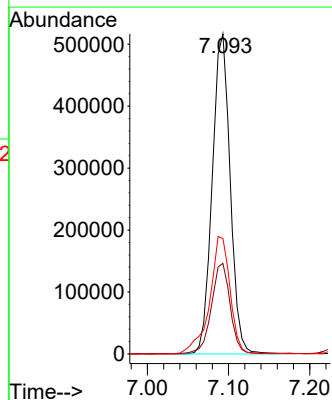
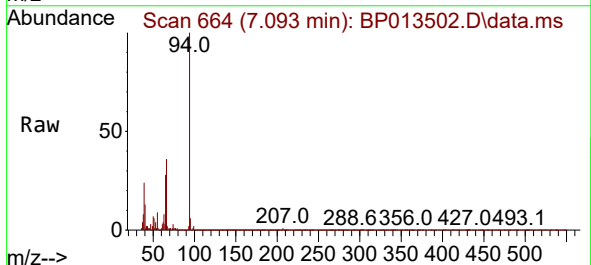
Instrument :
BNA_P
ClientSampleId :

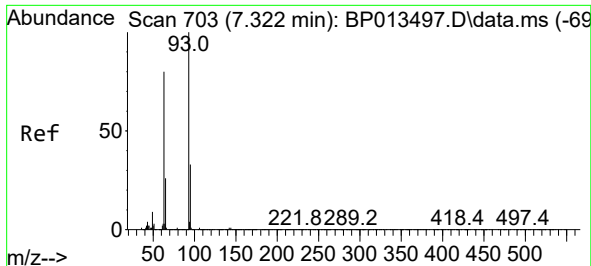
Tgt Ion: 77 Resp: 483585
Ion Ratio Lower Upper
77 100
105 99.1 75.4 113.0
106 94.8 69.8 104.8



#8
Phenol
Concen: 20.293 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

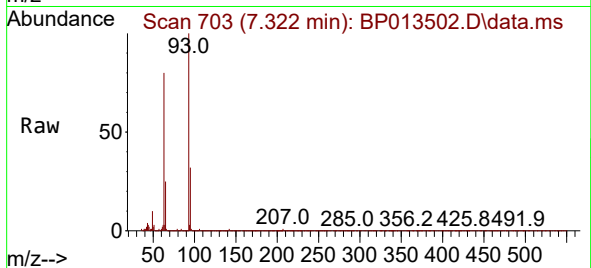
Tgt Ion: 94 Resp: 792053
Ion Ratio Lower Upper
94 100
65 28.3 22.8 34.2
66 36.1 28.6 42.8



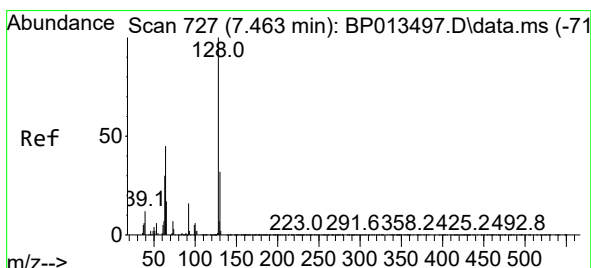
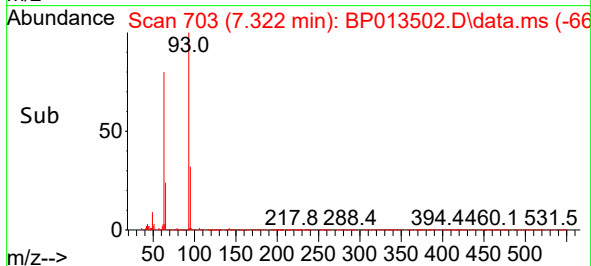
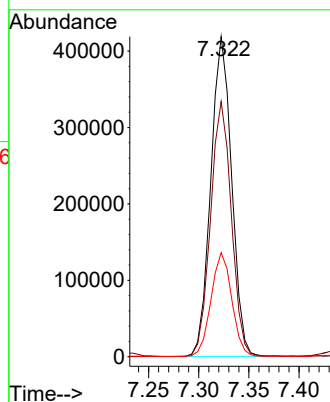


#10
 Bis(2-Chloroethyl)ether
 Concen: 19.609 ng/ul
 RT: 7.322 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39

Instrument :
 BNA_P
 ClientSampleId :

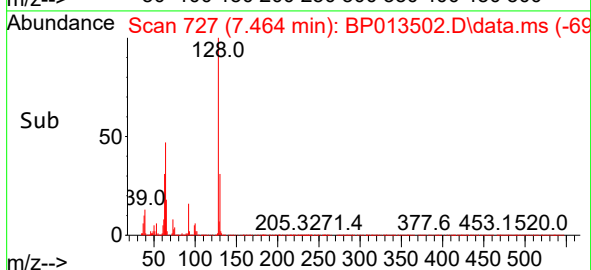
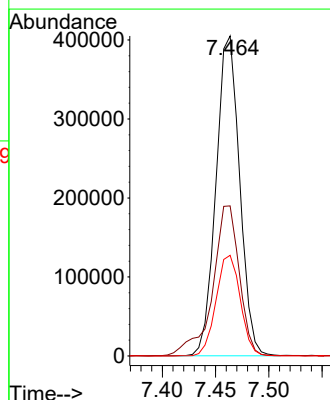
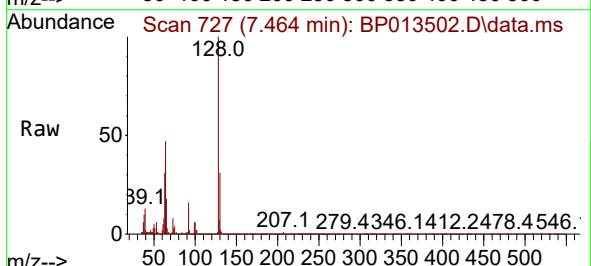


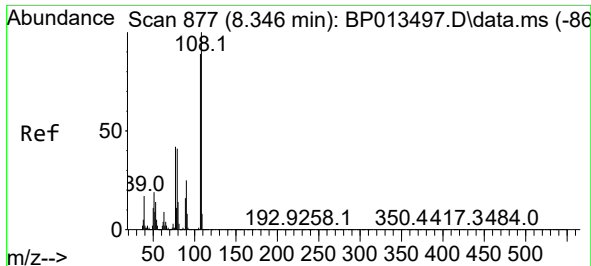
Tgt Ion: 93 Resp: 605202
 Ion Ratio Lower Upper
 93 100
 63 79.8 64.7 97.1
 95 32.5 25.7 38.5



#12
 2-Chlorophenol
 Concen: 21.298 ng/ul
 RT: 7.464 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39

Tgt Ion:128 Resp: 624230
 Ion Ratio Lower Upper
 128 100
 64 46.9 41.4 62.2
 130 31.4 24.9 37.3





#13

2-Methylphenol

Concen: 20.634 ng/ul

RT: 8.346 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

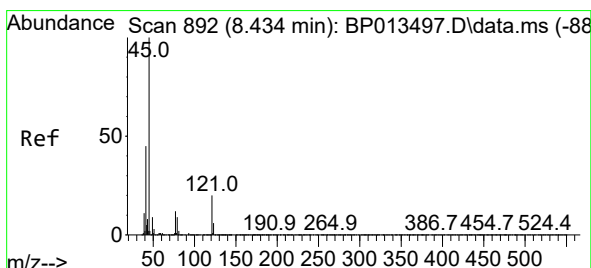
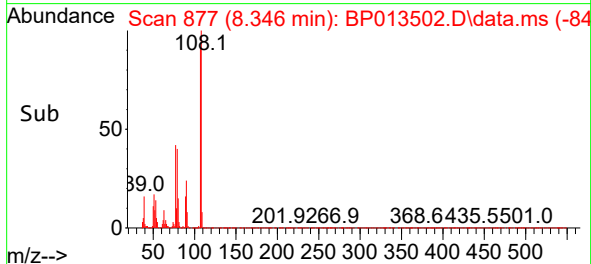
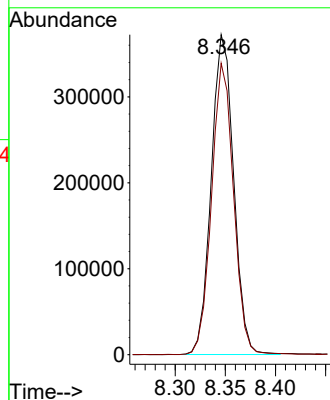
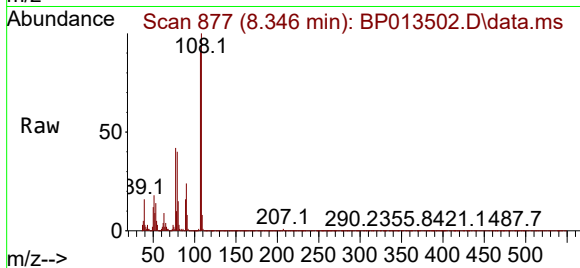
ClientSampleId :

Tgt Ion:108 Resp: 578372

Ion Ratio Lower Upper

108 100

107 91.0 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.659 ng/ul

RT: 8.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

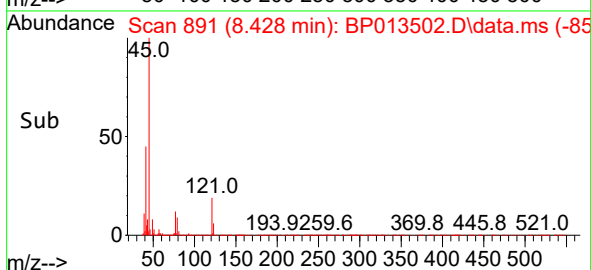
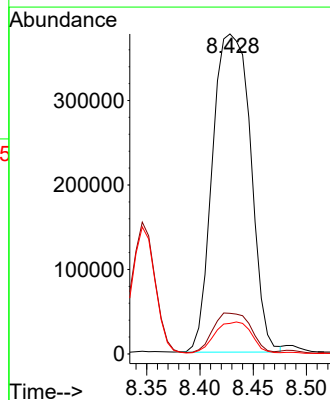
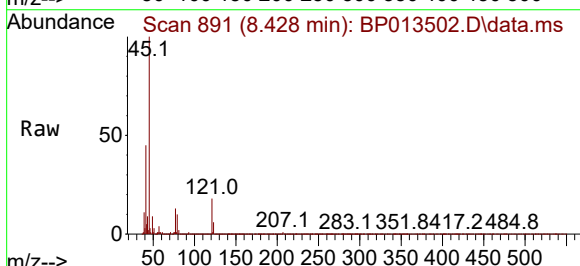
Tgt Ion: 45 Resp: 936278

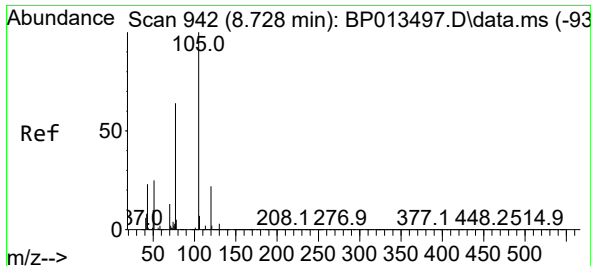
Ion Ratio Lower Upper

45 100

77 12.7 10.1 15.1

79 9.6 7.0 10.4

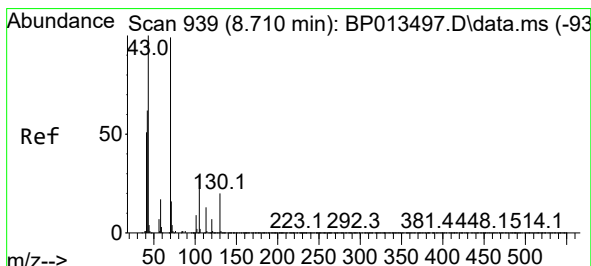
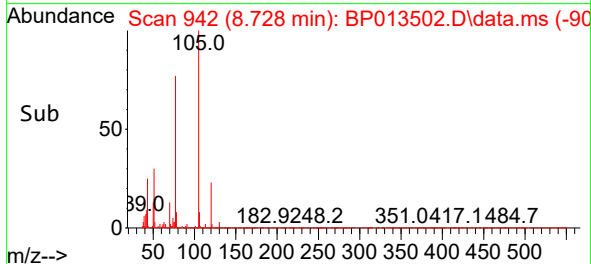
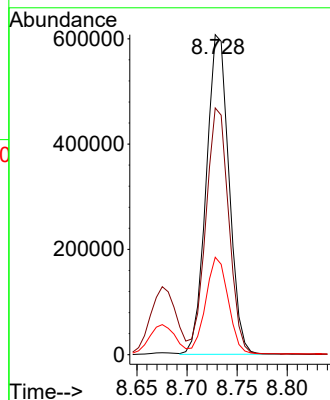
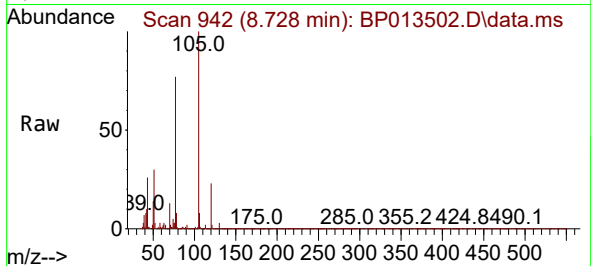




#16
Acetophenone
Concen: 21.140 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

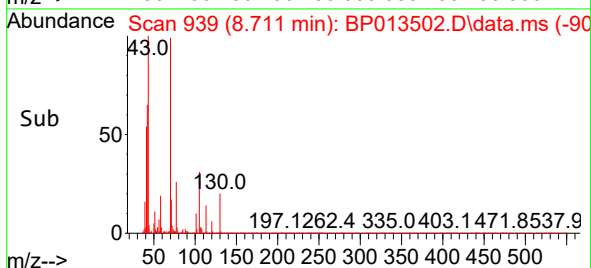
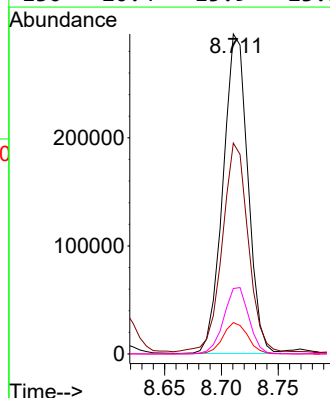
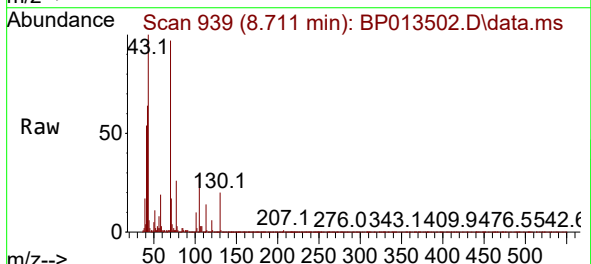
Instrument :
BNA_P
ClientSampleId :

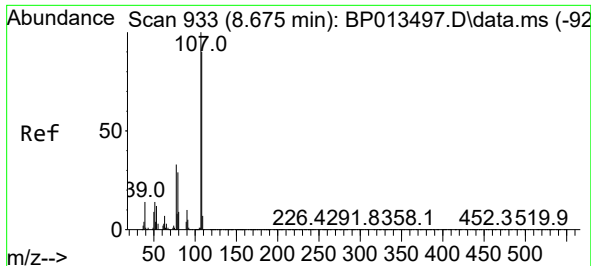
Tgt Ion:105 Resp: 959019
Ion Ratio Lower Upper
105 100
77 77.1 62.5 93.7
51 30.4 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 20.803 ng/ul
RT: 8.711 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion: 70 Resp: 451182
Ion Ratio Lower Upper
70 100
42 65.9 53.6 80.4
101 9.8 8.0 12.0
130 20.4 15.9 23.9

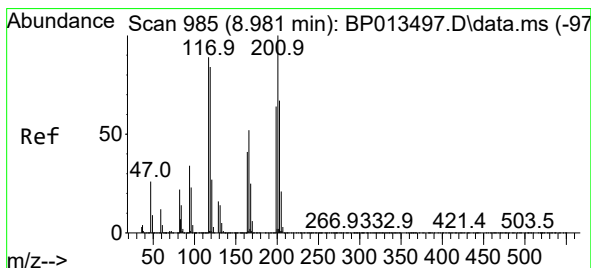
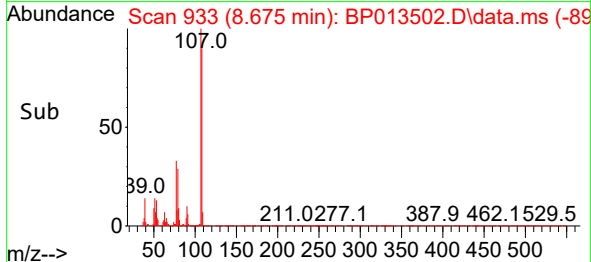
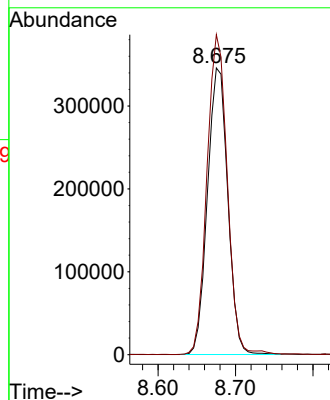
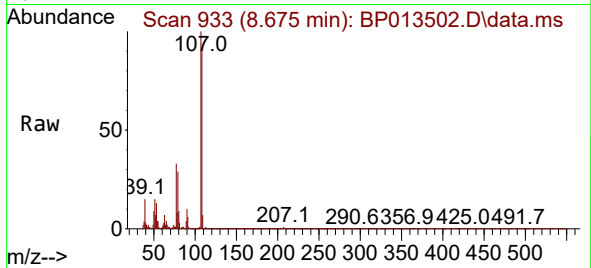




#18
4-Methylphenol
Concen: 20.463 ng/ul
RT: 8.675 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

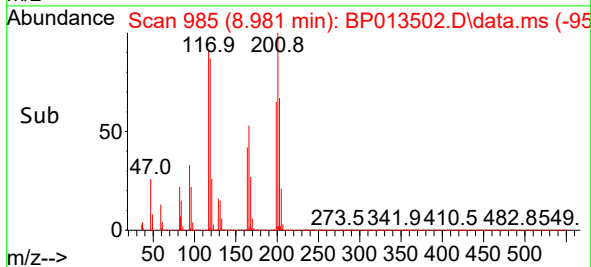
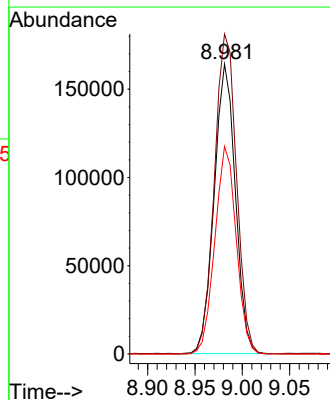
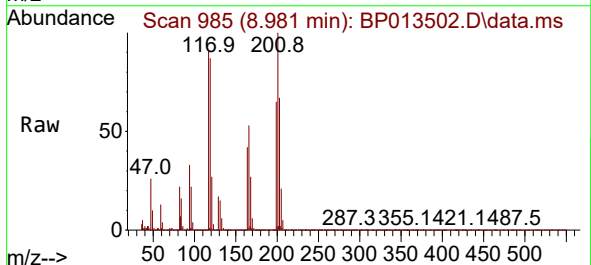
Instrument :
BNA_P
ClientSampleId :

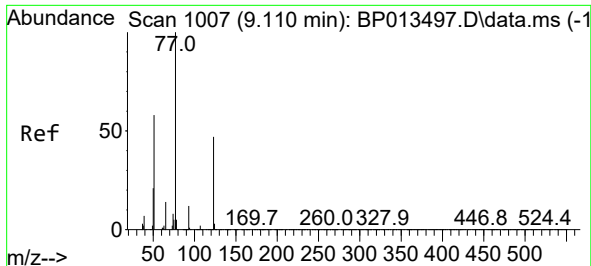
Tgt Ion:108 Resp: 630481
Ion Ratio Lower Upper
108 100
107 111.6 89.5 134.3



#19
Hexachloroethane
Concen: 21.673 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:117 Resp: 255950
Ion Ratio Lower Upper
117 100
201 110.4 90.6 136.0
199 71.6 58.7 88.1

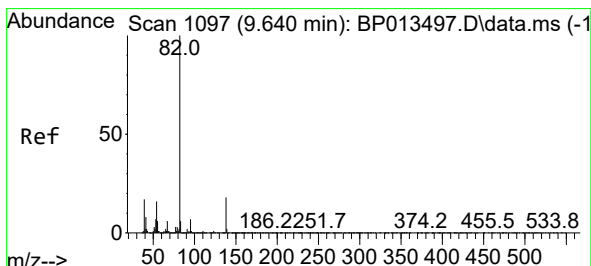
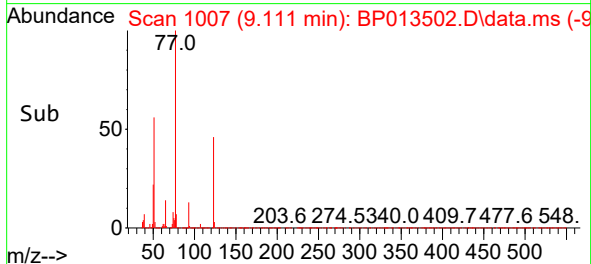
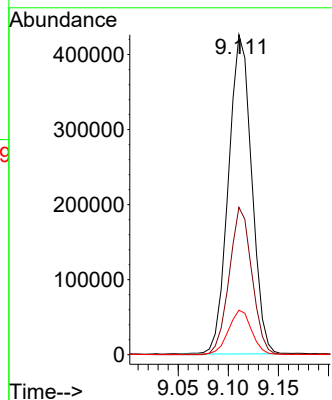
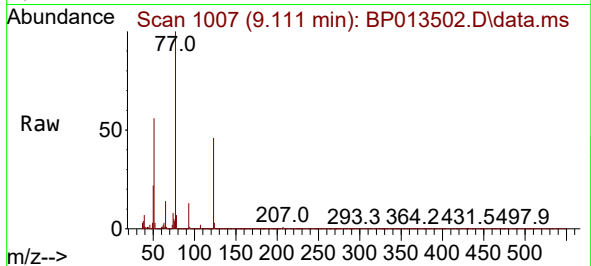




#22
Nitrobenzene
Concen: 20.913 ng/ul
RT: 9.111 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

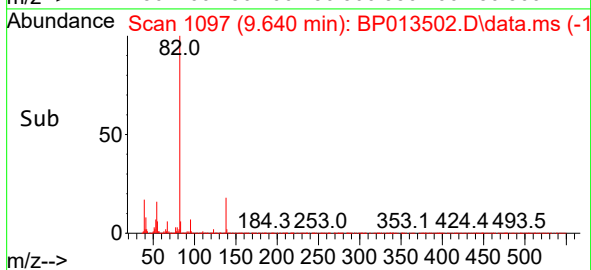
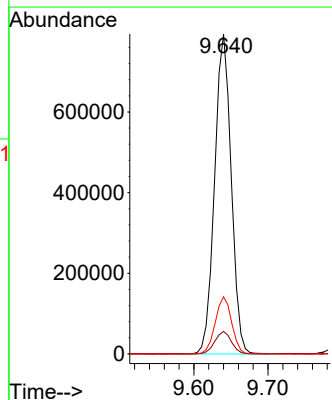
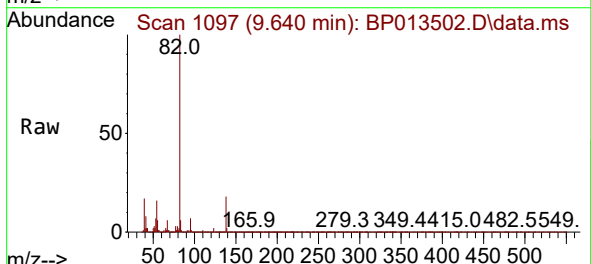
Instrument :
BNA_P
ClientSampleId :

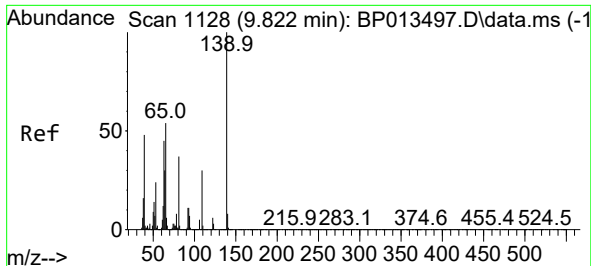
Tgt Ion: 77 Resp: 687499
Ion Ratio Lower Upper
77 100
123 46.1 33.7 50.5
65 13.9 11.0 16.4



#23
Isophorone
Concen: 21.404 ng/ul
RT: 9.640 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion: 82 Resp: 1231360
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.9 13.8 20.6

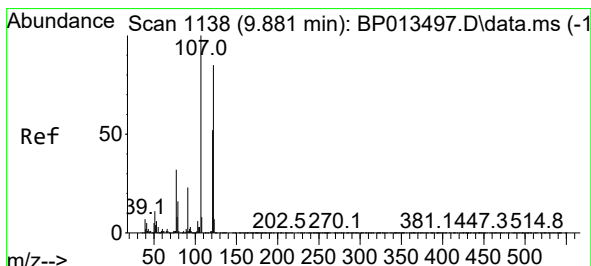
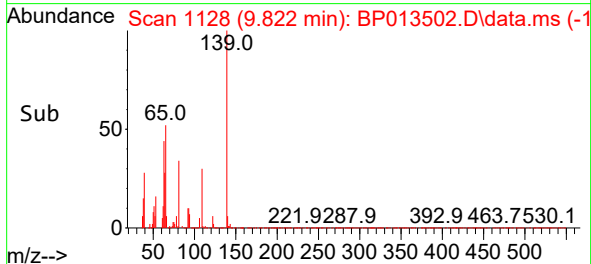
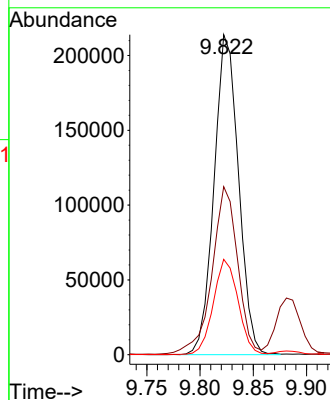
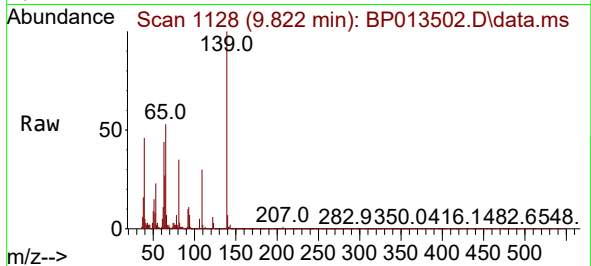




#25
2-Nitrophenol
Concen: 22.776 ng/ul
RT: 9.822 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

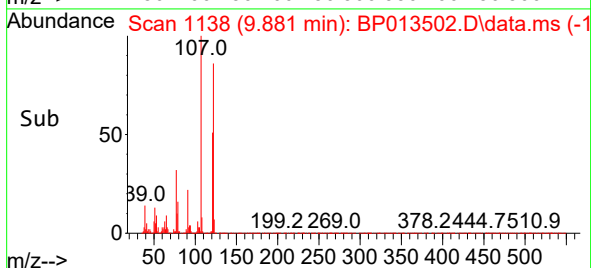
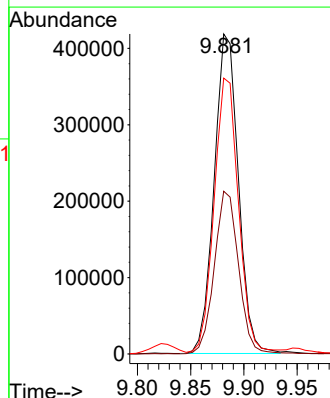
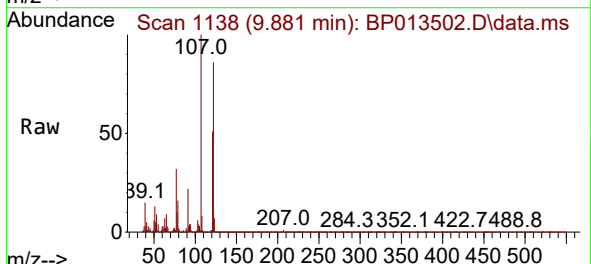
Instrument :
BNA_P
ClientSampleId :

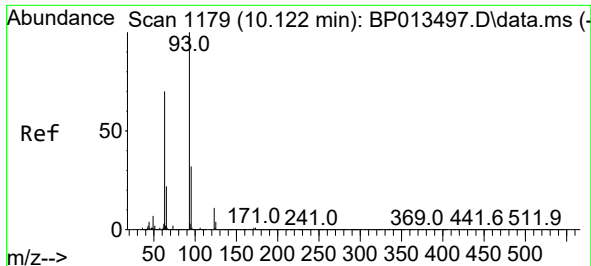
Tgt Ion:139 Resp: 341401
Ion Ratio Lower Upper
139 100
65 52.5 43.0 64.6
109 29.8 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 21.093 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:107 Resp: 659596
Ion Ratio Lower Upper
107 100
121 50.8 39.9 59.9
122 86.2 68.3 102.5

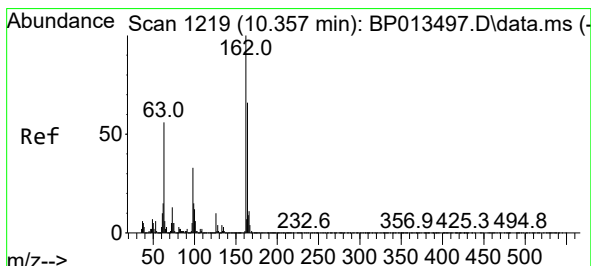
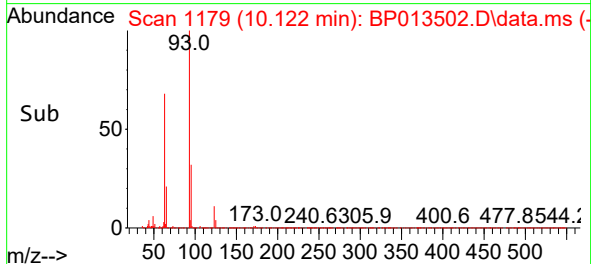
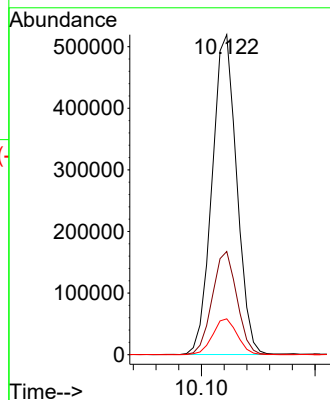
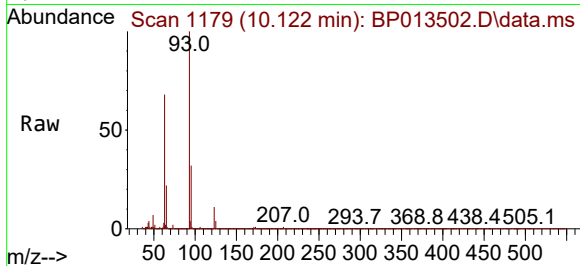




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.599 ng/ul
 RT: 10.122 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39

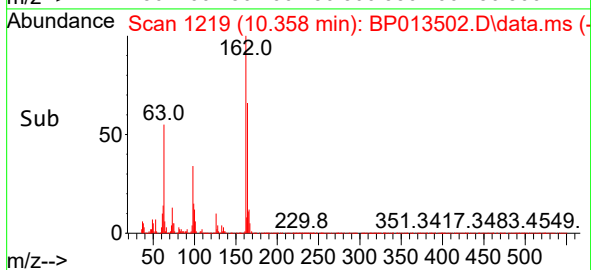
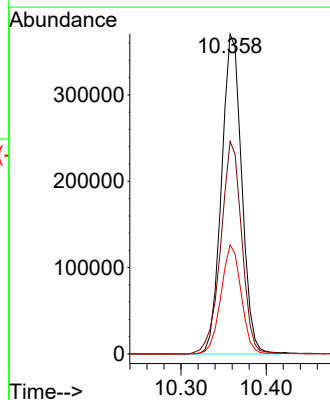
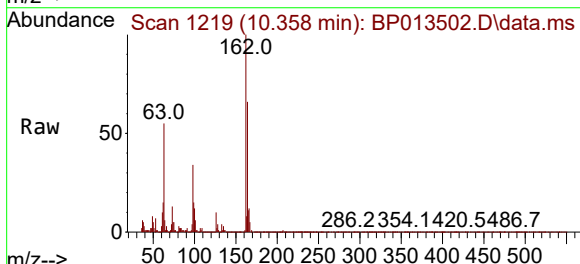
Instrument :
 BNA_P
 ClientSampleId :

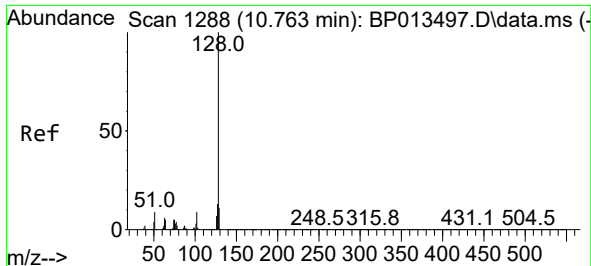
Tgt Ion: 93 Resp: 783137
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.3 37.9
 123 11.2 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 22.162 ng/ul
 RT: 10.358 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP013502.D
 Acq: 17 Jan 2023 19:39

Tgt Ion:162 Resp: 609191
 Ion Ratio Lower Upper
 162 100
 164 66.4 51.9 77.9
 98 34.1 27.1 40.7

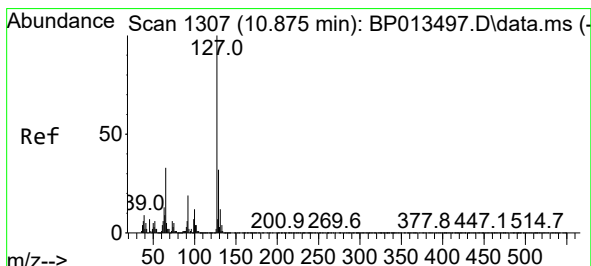
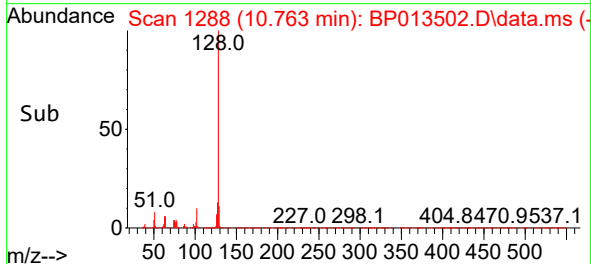
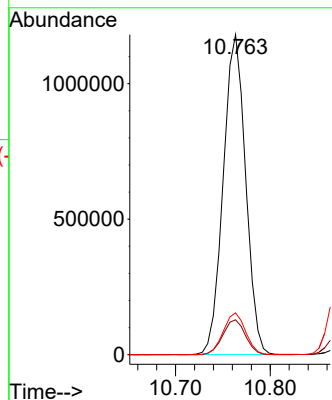
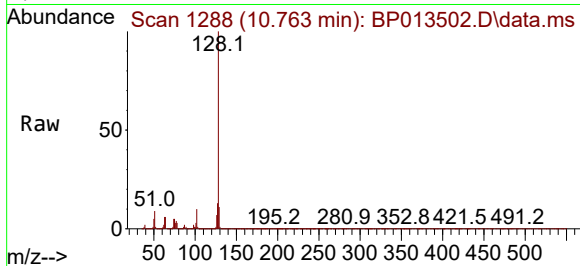




#30
Naphthalene
Concen: 20.590 ng/ul
RT: 10.763 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

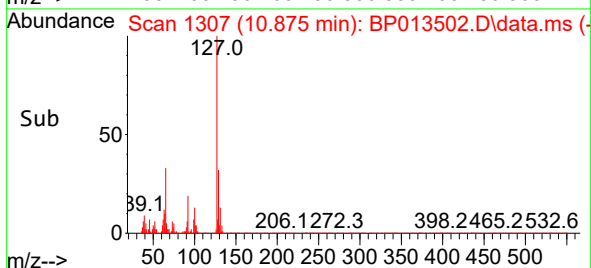
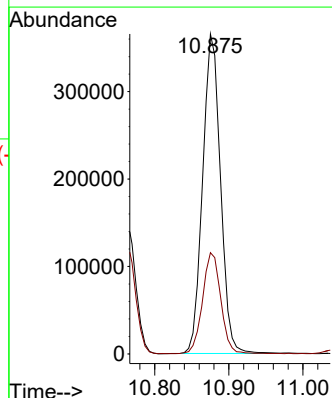
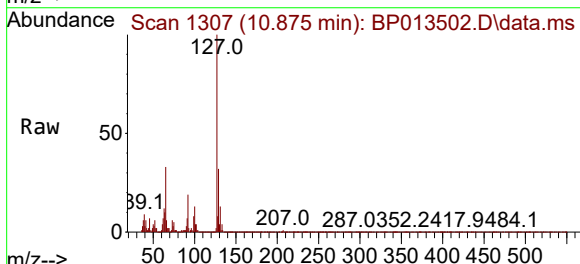
Instrument :
BNA_P
ClientSampleId :

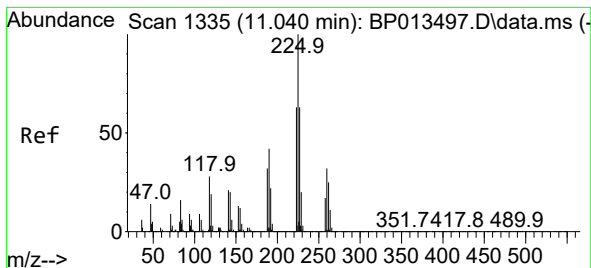
Tgt Ion:128 Resp: 1937465
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.1 15.1



#32
4-Chloroaniline
Concen: 15.699 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:127 Resp: 610934
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 21.969 ng/ul

RT: 11.040 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

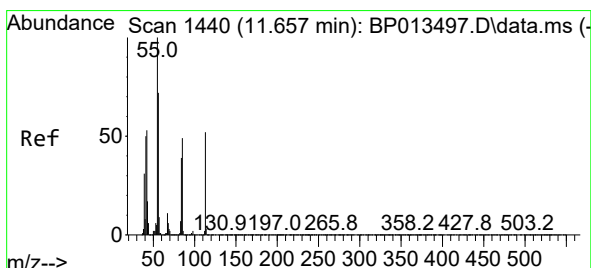
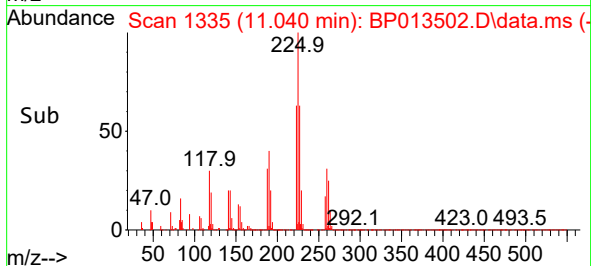
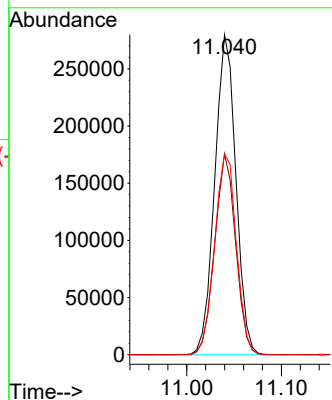
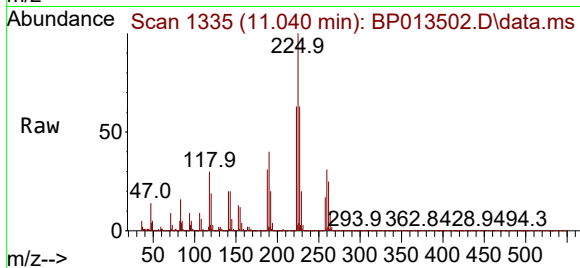
Tgt Ion:225 Resp: 433641

Ion Ratio Lower Upper

225 100

223 62.8 48.8 73.2

227 62.7 50.6 76.0



#34

Caprolactam

Concen: 16.150 ng/ul

RT: 11.657 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

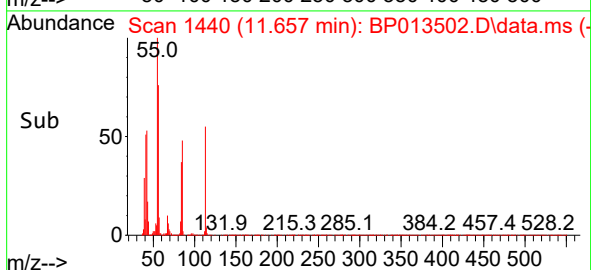
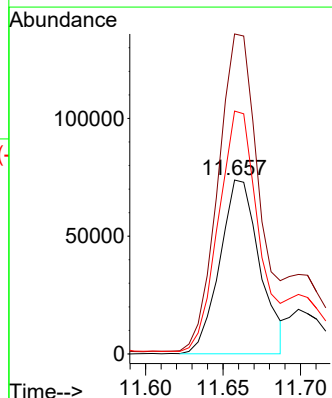
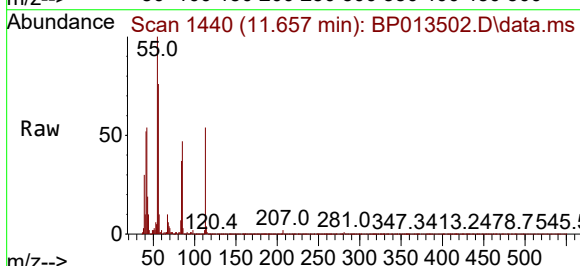
Tgt Ion:113 Resp: 132076

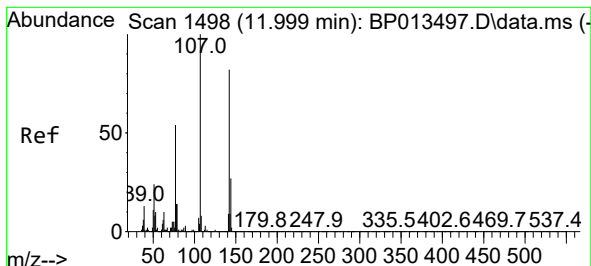
Ion Ratio Lower Upper

113 100

55 183.9 156.4 234.6

56 139.6 117.1 175.7

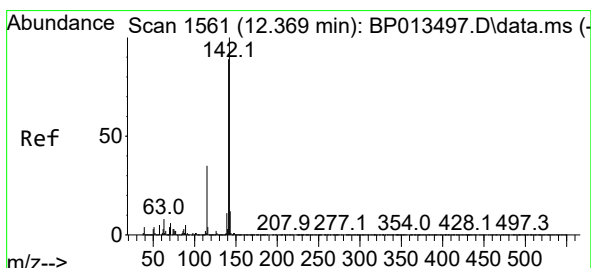
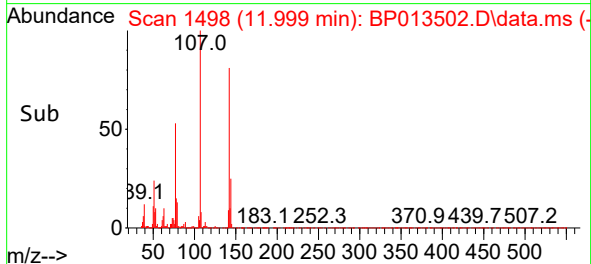
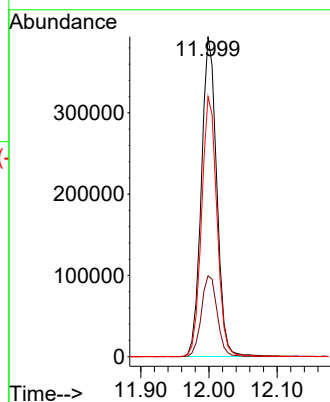
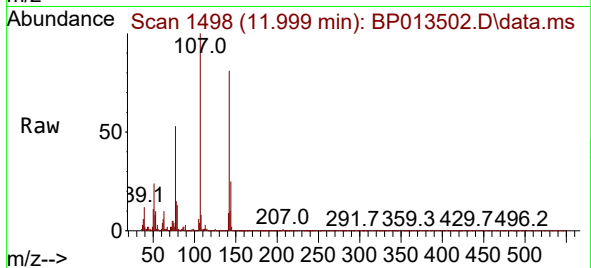




#35
4-Chloro-3-methylphenol
Concen: 23.266 ng/ul
RT: 11.999 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

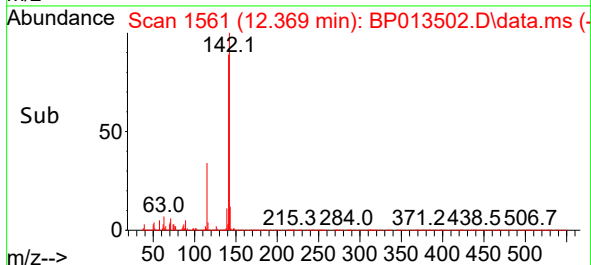
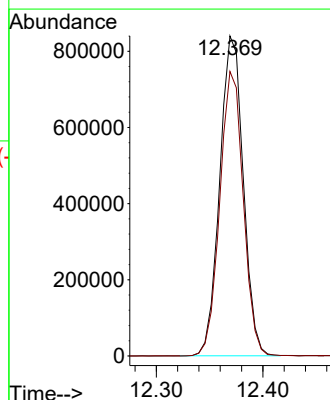
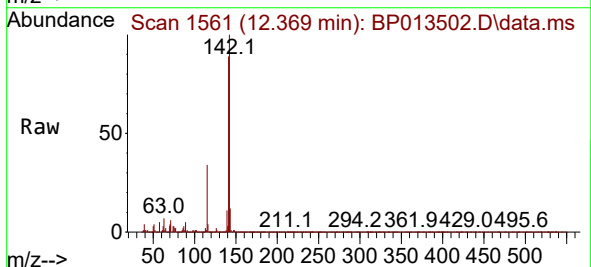
Instrument :
BNA_P
ClientSampleId :

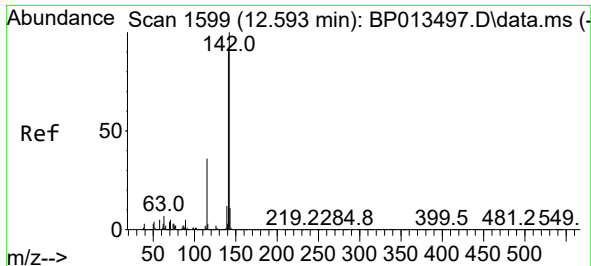
Tgt Ion:107 Resp: 617237
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 81.2 64.8 97.2



#36
2-Methylnaphthalene
Concen: 21.396 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:142 Resp: 1287546
Ion Ratio Lower Upper
142 100
141 88.9 69.7 104.5





#37

1-Methylnaphthalene

Concen: 21.298 ng/ul

RT: 12.587 min Scan# 1599

Delta R.T. -0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

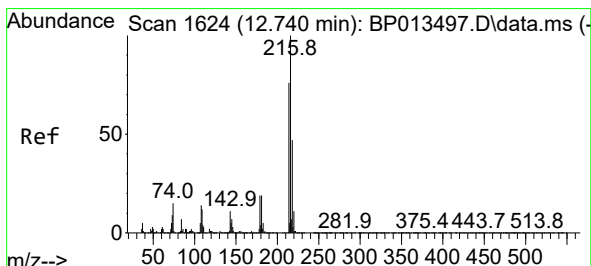
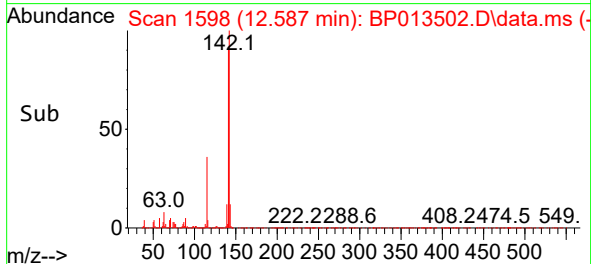
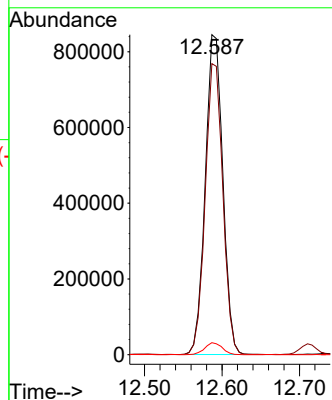
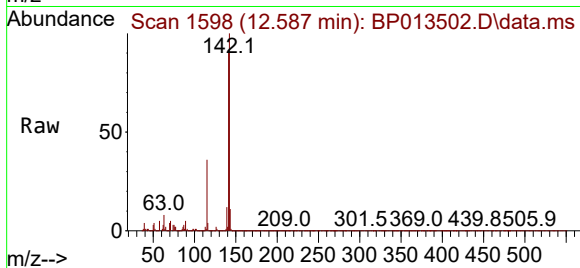
Tgt Ion:142 Resp: 1329437

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.947 ng/ul

RT: 12.740 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Tgt Ion:216 Resp: 797775

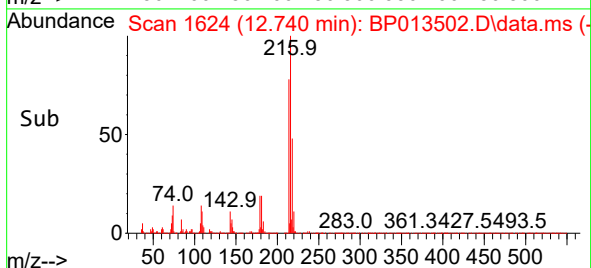
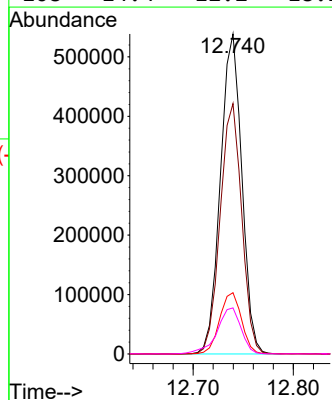
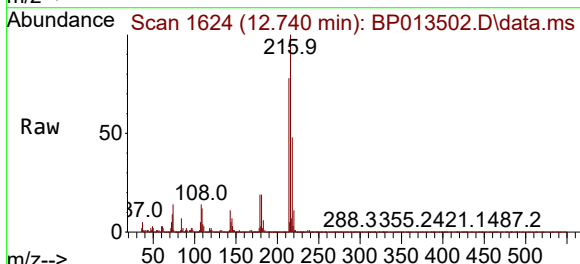
Ion Ratio Lower Upper

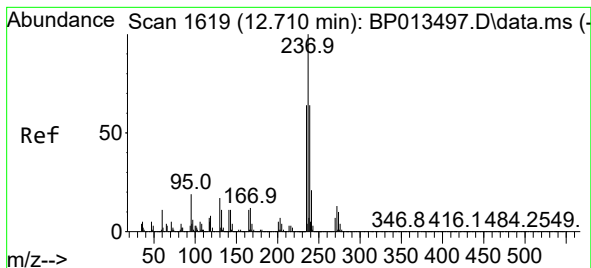
216 100

214 78.3 62.8 94.2

179 19.1 15.1 22.7

108 14.4 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 16.976 ng/ul

RT: 12.710 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

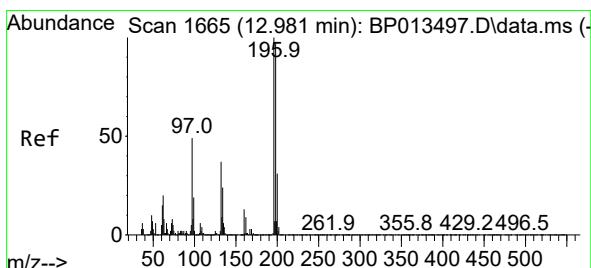
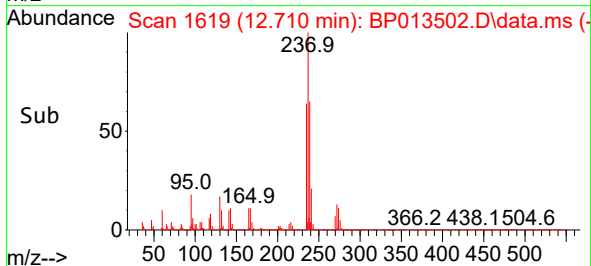
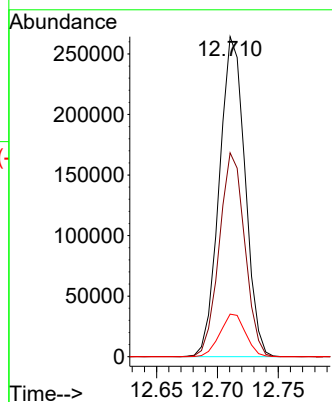
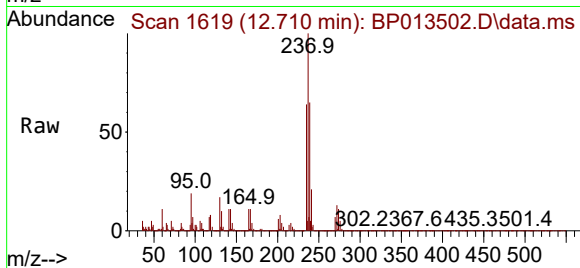
Tgt Ion:237 Resp: 388963

Ion Ratio Lower Upper

237 100

235 63.7 50.8 76.2

272 13.3 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 23.435 ng/ul

RT: 12.981 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

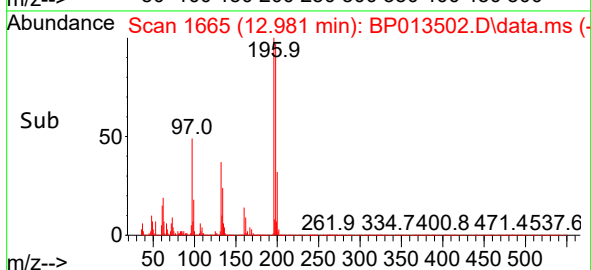
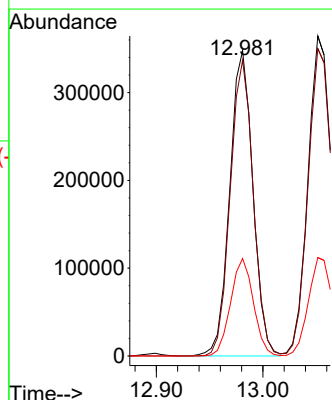
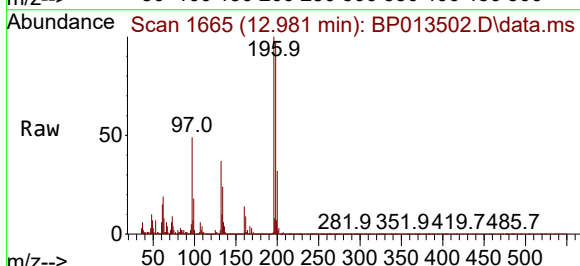
Tgt Ion:196 Resp: 525042

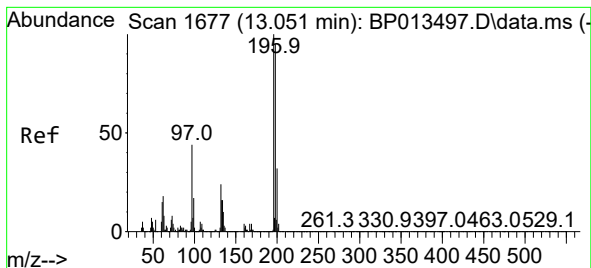
Ion Ratio Lower Upper

196 100

198 96.8 77.9 116.9

200 31.9 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 23.136 ng/ul

RT: 13.051 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

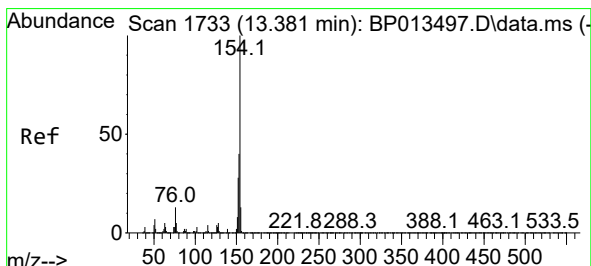
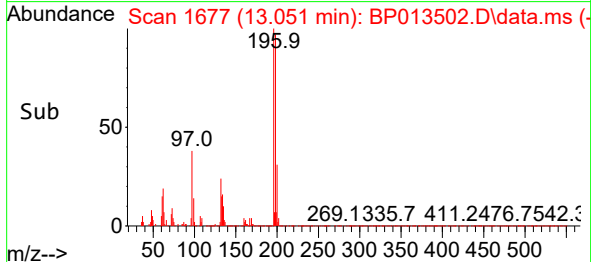
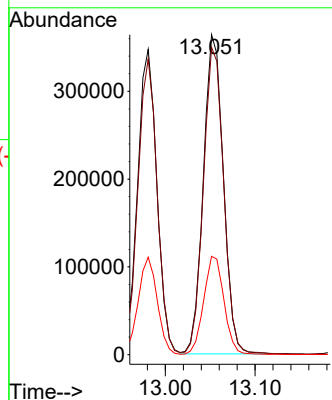
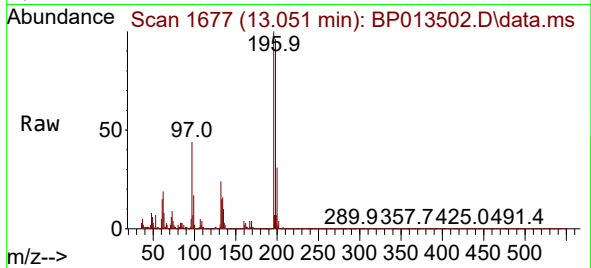
Tgt Ion:196 Resp: 564067

Ion Ratio Lower Upper

196 100

198 96.0 76.0 114.0

200 30.8 24.4 36.6



#43

1,1'-Biphenyl

Concen: 21.335 ng/ul

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

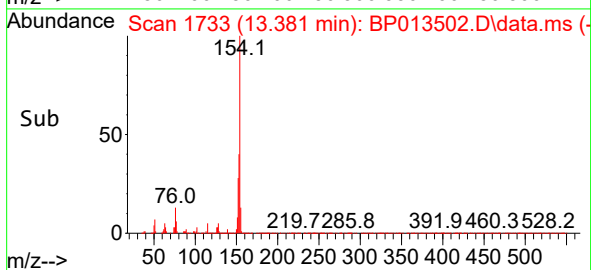
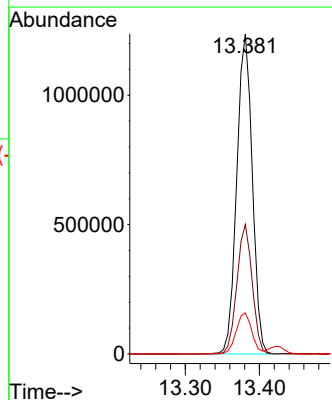
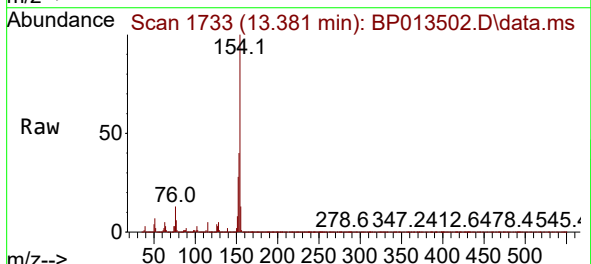
Tgt Ion:154 Resp: 1799477

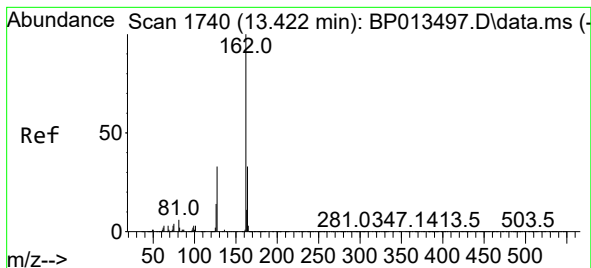
Ion Ratio Lower Upper

154 100

153 40.5 31.9 47.9

76 12.9 10.3 15.5





#44

2-Chloronaphthalene

Concen: 20.742 ng/ul

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

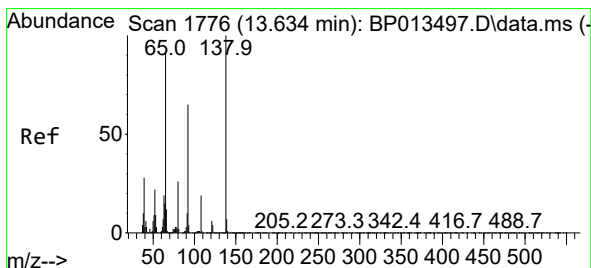
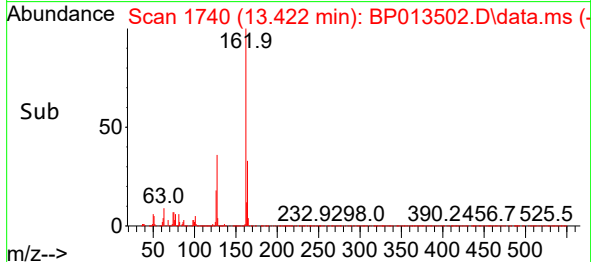
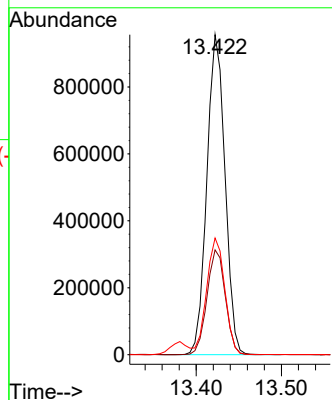
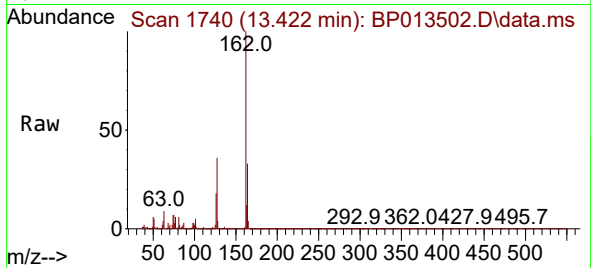
Tgt Ion:162 Resp: 1411682

Ion Ratio Lower Upper

162 100

164 32.7 26.4 39.6

127 36.5 28.9 43.3



#45

2-Nitroaniline

Concen: 24.306 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

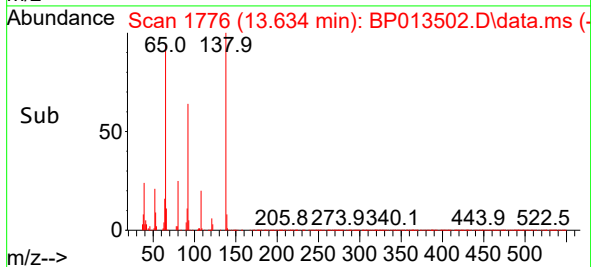
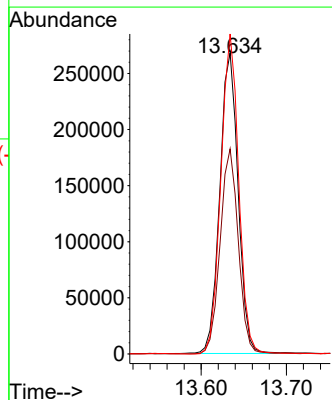
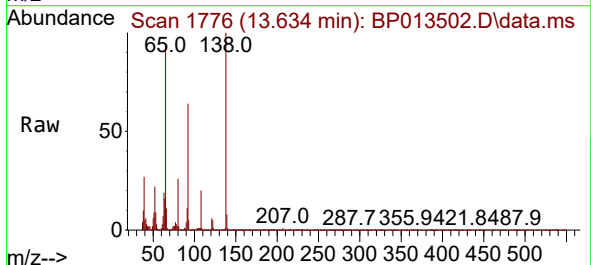
Tgt Ion: 65 Resp: 400328

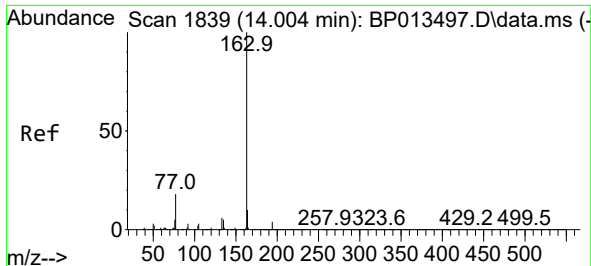
Ion Ratio Lower Upper

65 100

92 68.1 53.5 80.3

138 106.2 79.4 119.0

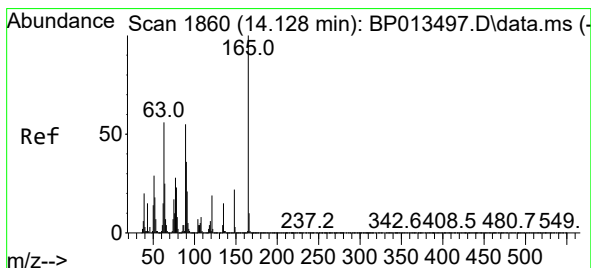
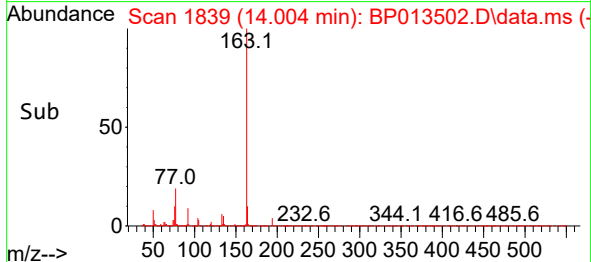
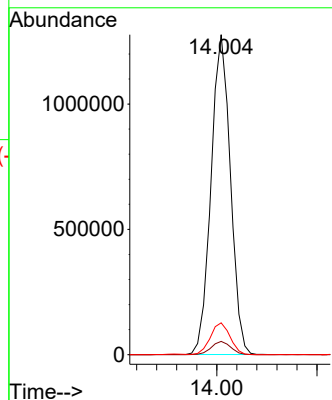
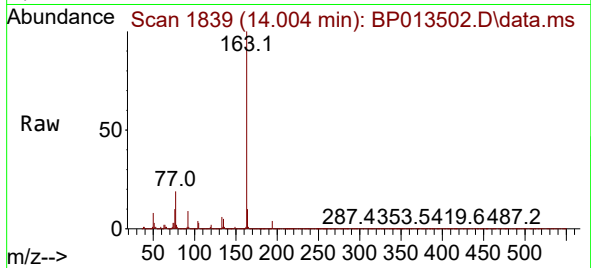




#47
Dimethylphthalate
Concen: 21.166 ng/ul
RT: 14.004 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

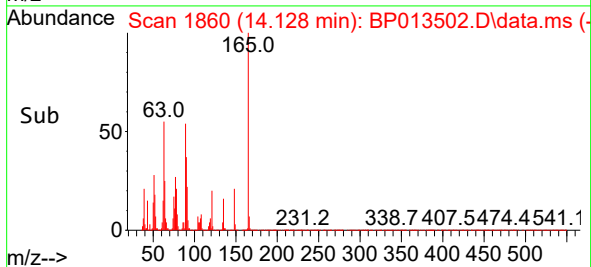
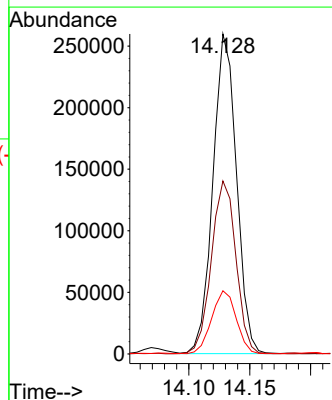
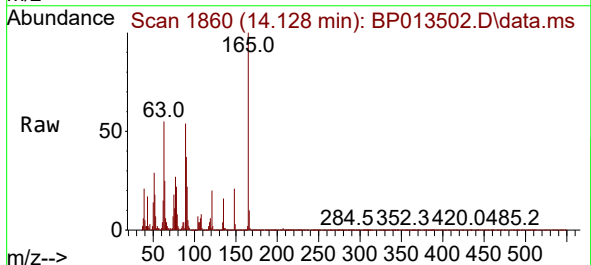
Instrument :
BNA_P
ClientSampleId :

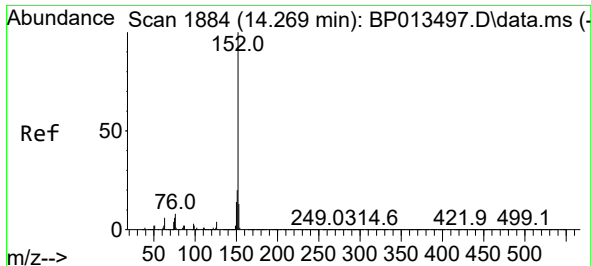
Tgt Ion:163 Resp: 1711600
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 24.954 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:165 Resp: 349429
Ion Ratio Lower Upper
165 100
89 54.1 47.1 70.7
121 19.7 17.3 25.9

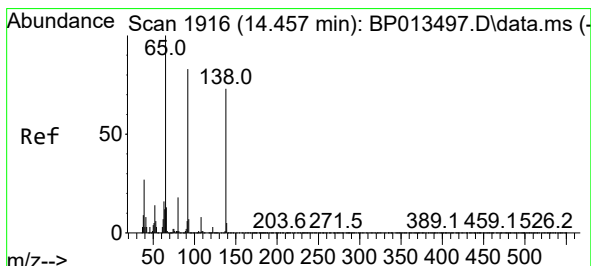
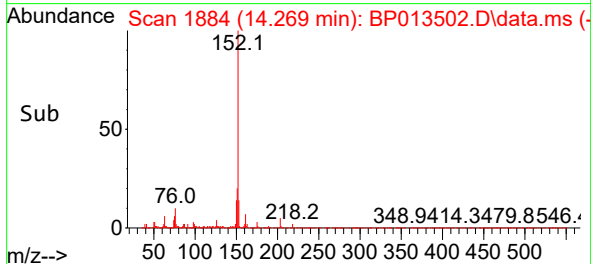
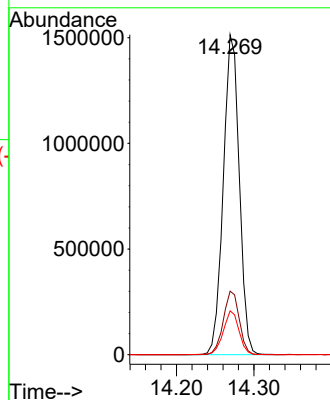
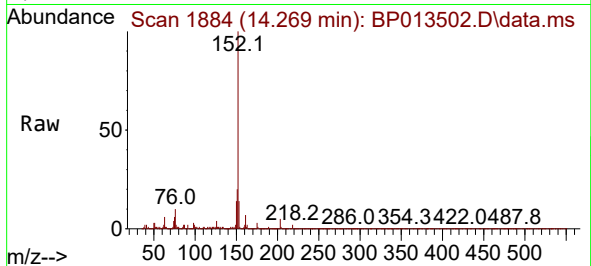




#50
Acenaphthylene
Concen: 21.941 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

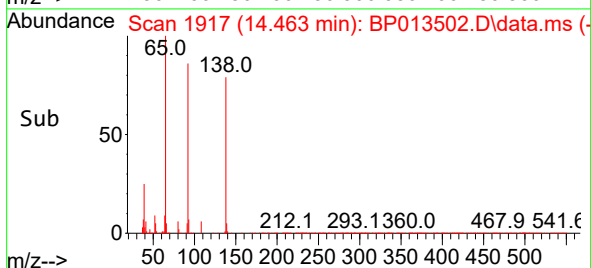
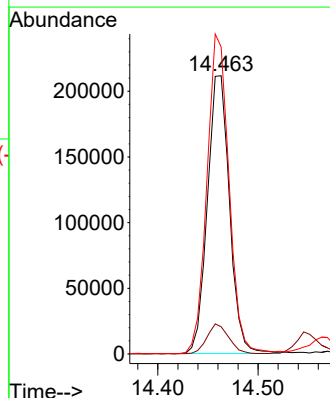
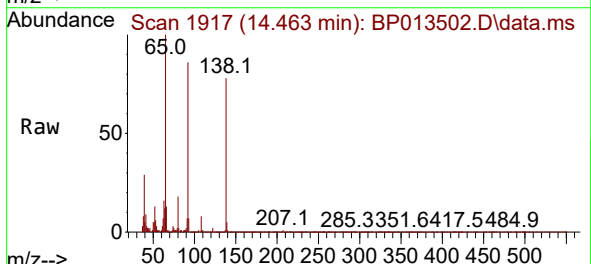
Instrument :
BNA_P
ClientSampleId :

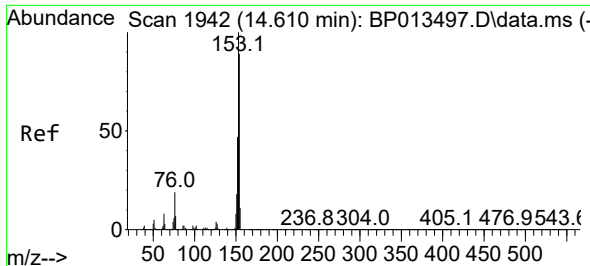
Tgt Ion:152 Resp: 2166414
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.7 10.3 15.5



#51
3-Nitroaniline
Concen: 21.911 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:138 Resp: 324986
Ion Ratio Lower Upper
138 100
108 9.8 8.6 12.8
92 110.3 95.0 142.4

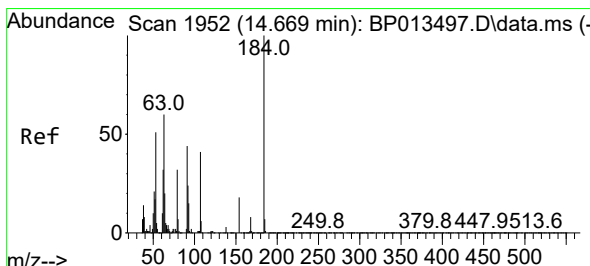
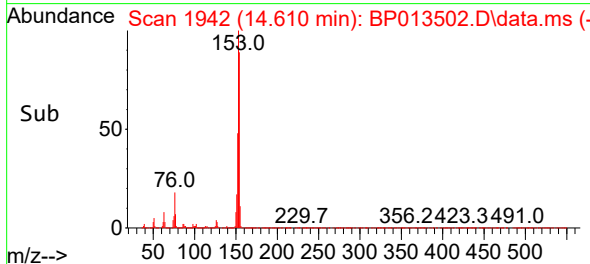
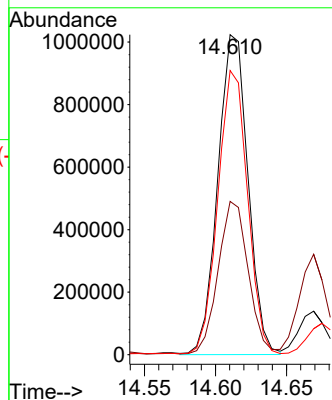
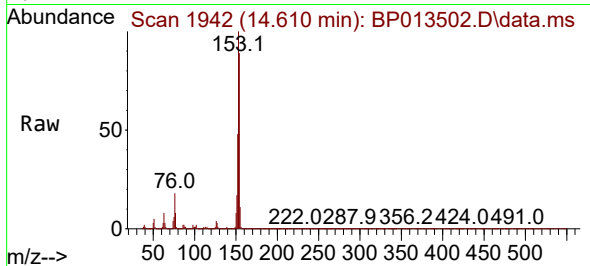




#52
Acenaphthene
Concen: 21.423 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

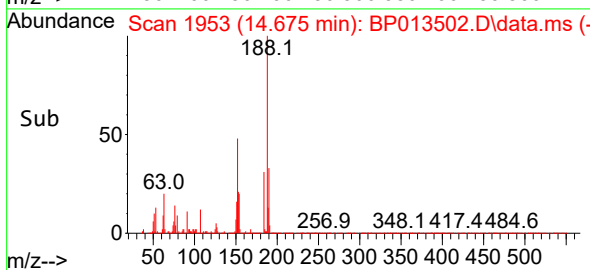
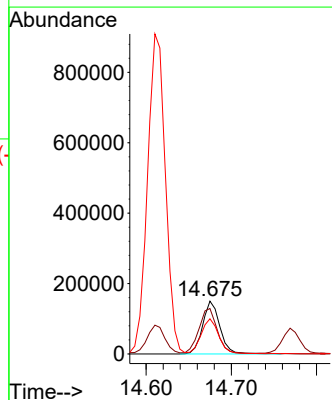
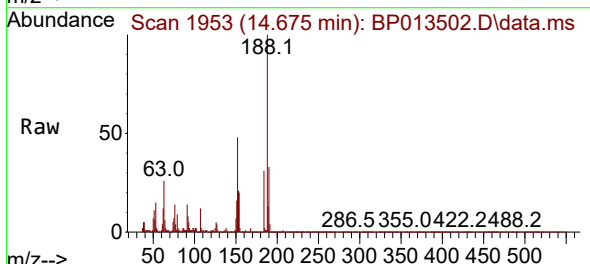
Instrument :
BNA_P
ClientSampleId :

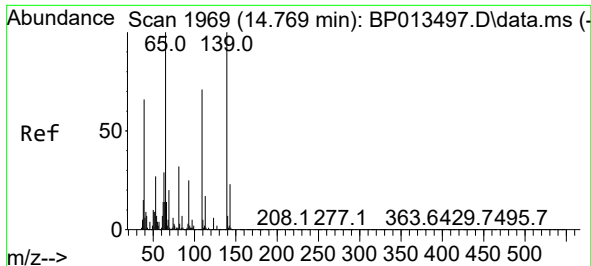
Tgt Ion:153 Resp: 1513985
Ion Ratio Lower Upper
153 100
152 47.9 38.4 57.6
154 88.8 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 20.242 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:184 Resp: 210992
Ion Ratio Lower Upper
184 100
63 86.1 54.3 81.5#
154 66.7 49.1 73.7

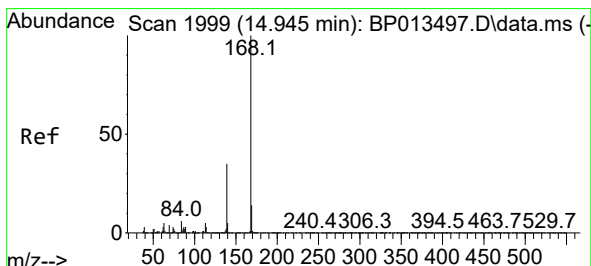
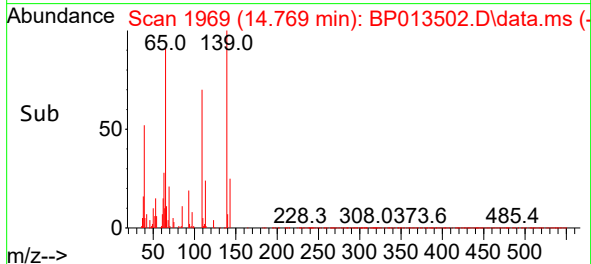
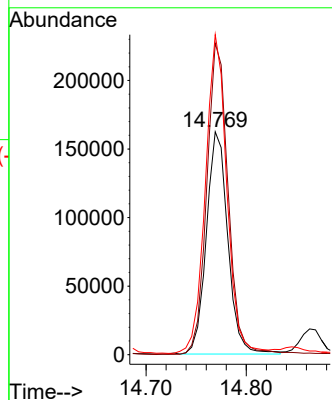
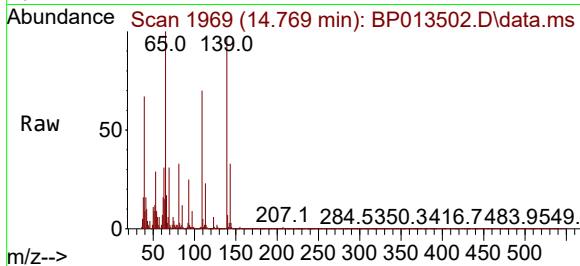




#55
4-Nitrophenol
Concen: 21.431 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

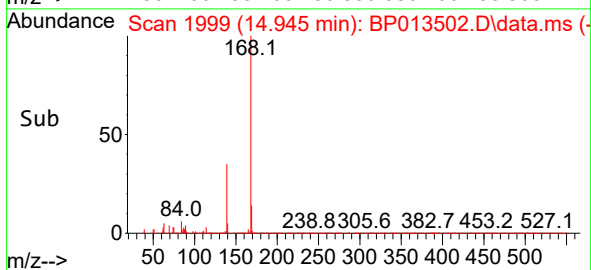
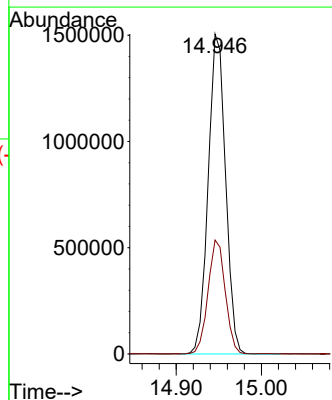
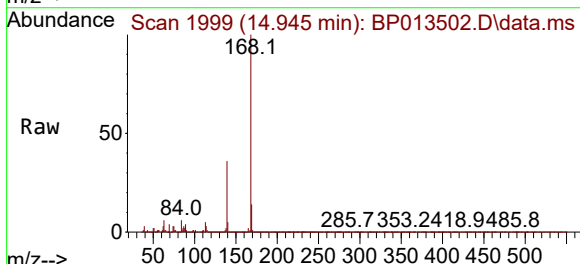
Instrument :
BNA_P
ClientSampleId :

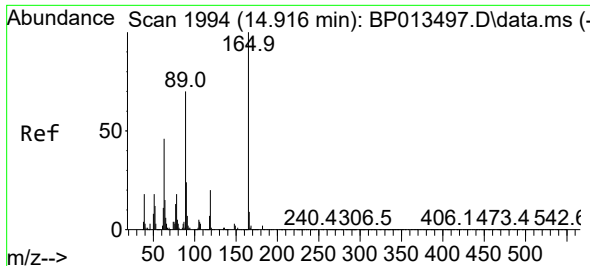
Tgt Ion:109 Resp: 241331
Ion Ratio Lower Upper
109 100
139 139.8 109.2 163.8
65 143.6 116.6 174.8



#56
Dibenzofuran
Concen: 20.947 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:168 Resp: 2126020
Ion Ratio Lower Upper
168 100
139 35.6 27.4 41.2

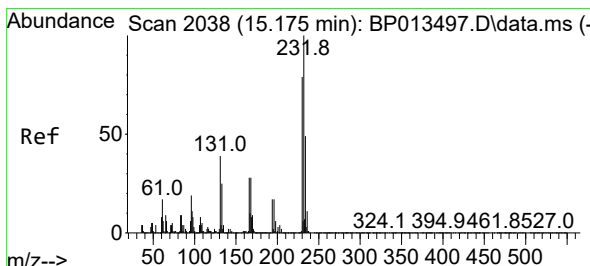
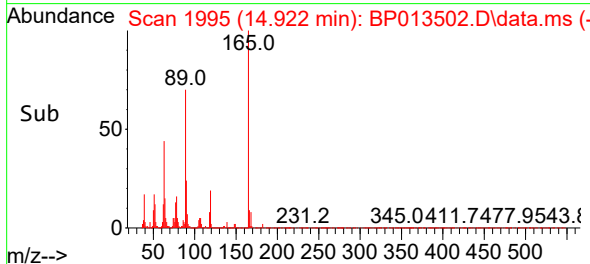
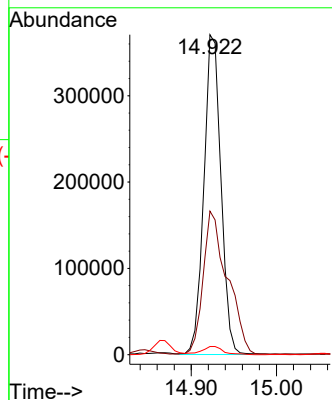
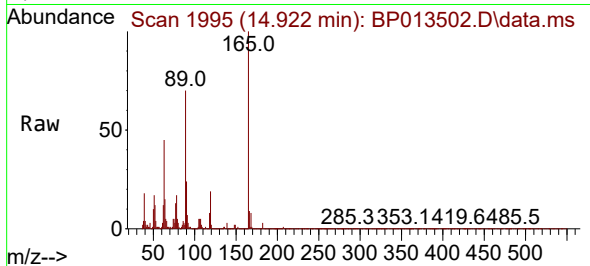




#57
2,4-Dinitrotoluene
Concen: 24.831 ng/ul
RT: 14.922 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

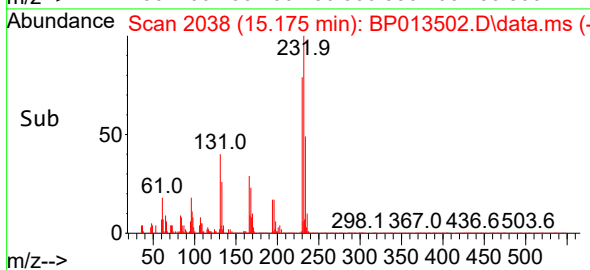
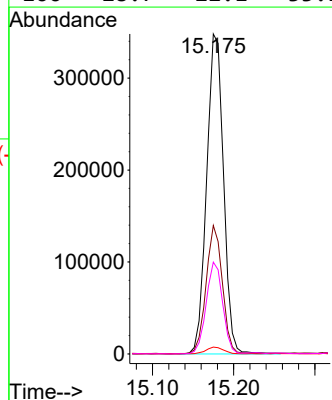
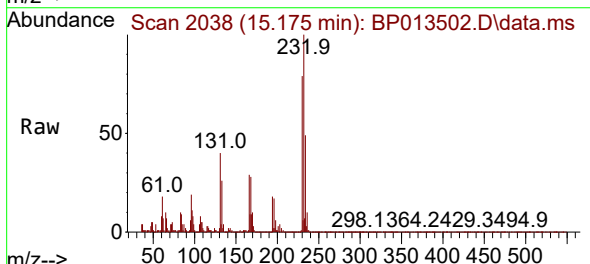
Instrument :
BNA_P
ClientSampleId :

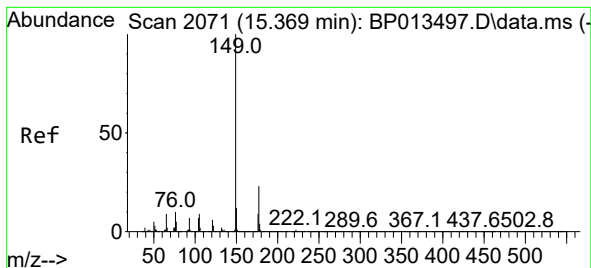
Tgt Ion:165 Resp: 516859
Ion Ratio Lower Upper
165 100
63 44.8 37.3 55.9
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.550 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:232 Resp: 500877
Ion Ratio Lower Upper
232 100
131 40.2 30.7 46.1
130 2.2 1.7 2.5
166 28.7 22.1 33.1





#59

Diethylphthalate

Concen: 22.623 ng/ul

RT: 15.375 min Scan# 2071

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

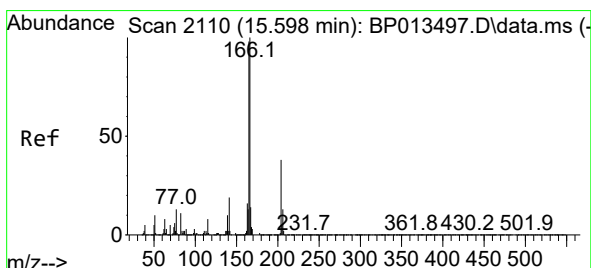
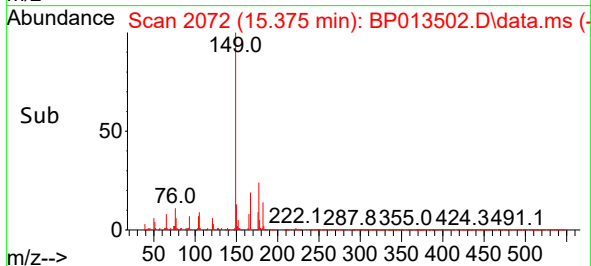
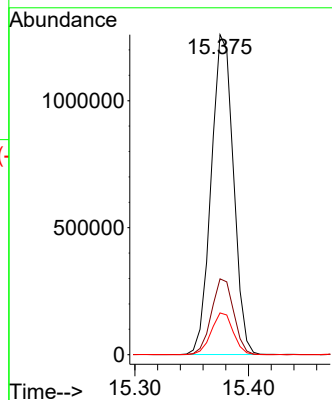
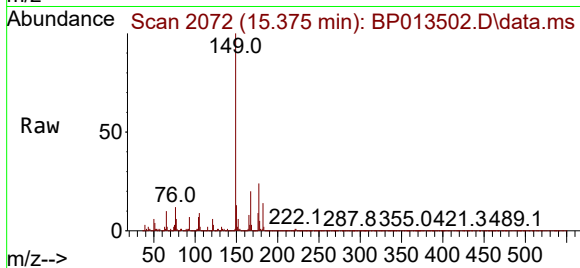
Tgt Ion:149 Resp: 1712275

Ion Ratio Lower Upper

149 100

177 23.7 18.9 28.3

150 13.0 9.9 14.9



#61

Fluorene

Concen: 29.870 ng/ul

RT: 15.598 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

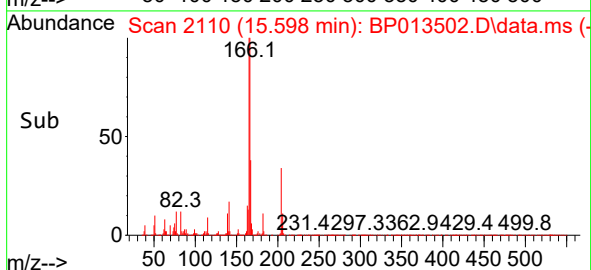
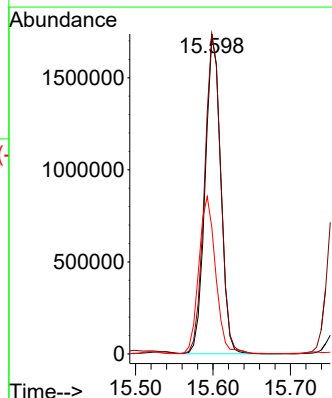
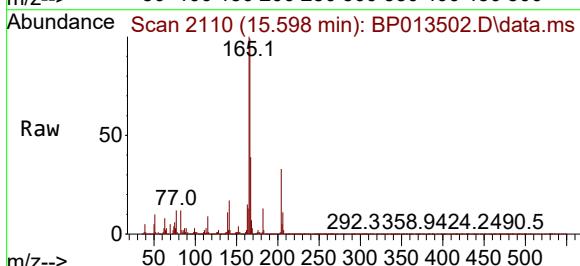
Tgt Ion:166 Resp: 2419937

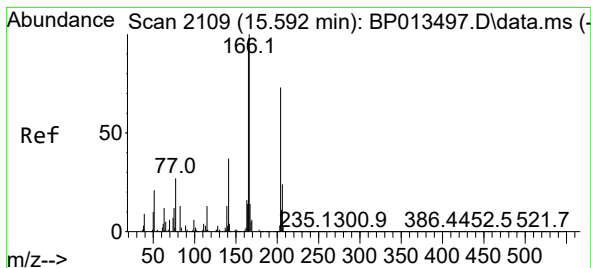
Ion Ratio Lower Upper

166 100

165 100.7 78.0 117.0

167 39.7 10.8 16.2#

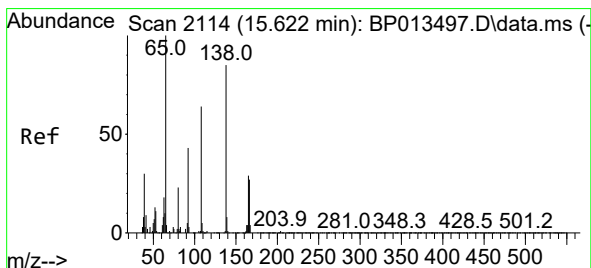
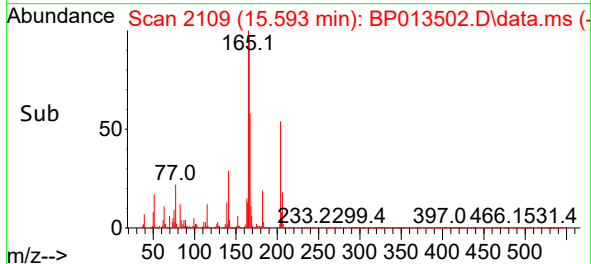
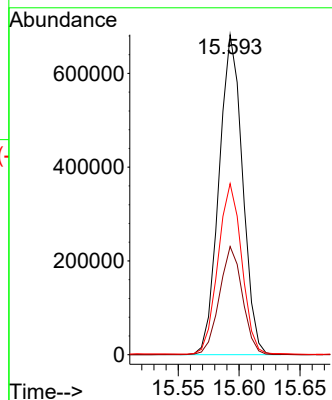
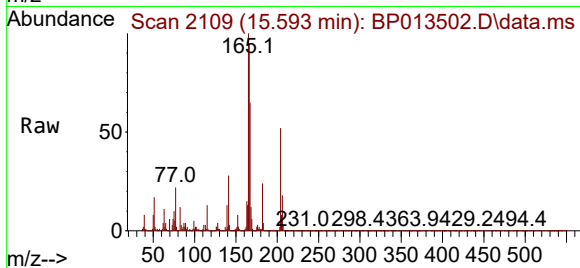




#62
4-Chlorophenyl-phenylether
Concen: 21.694 ng/ul
RT: 15.593 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

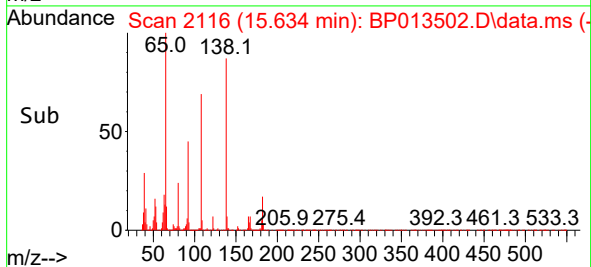
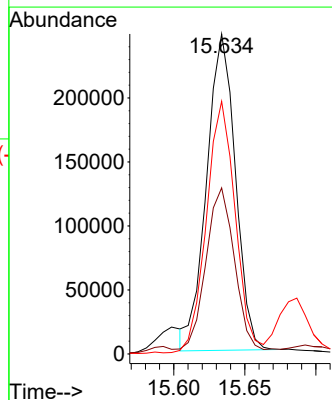
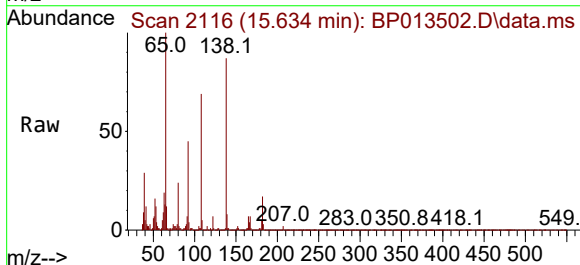
Instrument :
BNA_P
ClientSampleId :

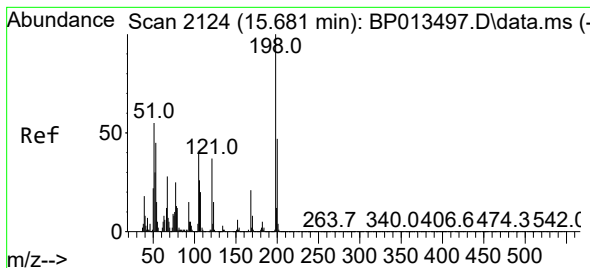
Tgt Ion:204 Resp: 917830
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 53.5 39.3 58.9



#63
4-Nitroaniline
Concen: 25.429 ng/ul
RT: 15.634 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:138 Resp: 348719
Ion Ratio Lower Upper
138 100
92 51.9 43.1 64.7
108 79.0 63.6 95.4

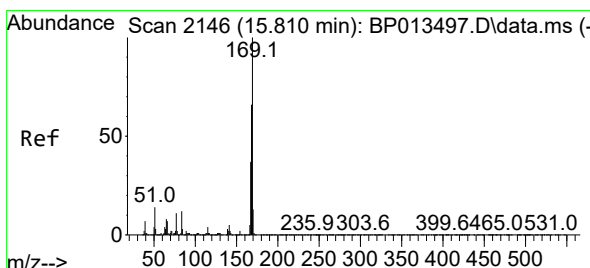
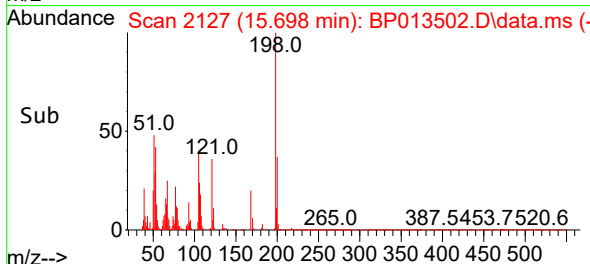
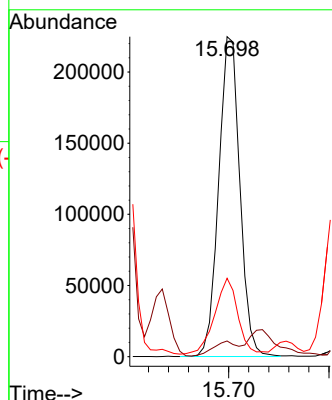
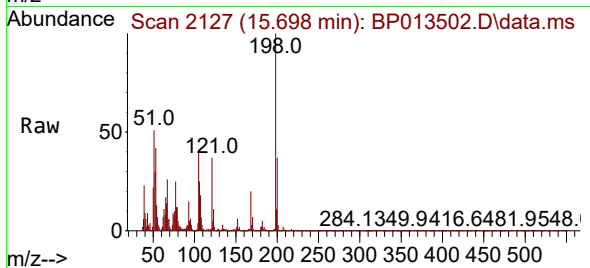




#66
4,6-Dinitro-2-methylphenol
Concen: 18.537 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. 0.018 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

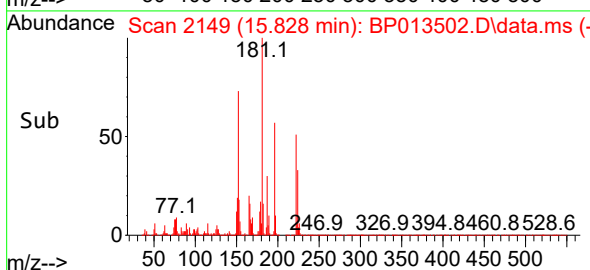
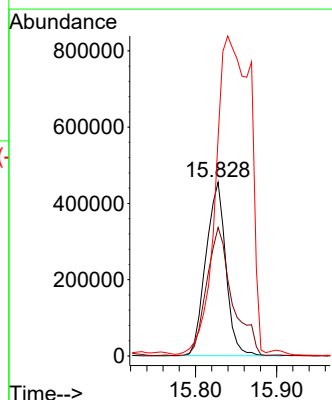
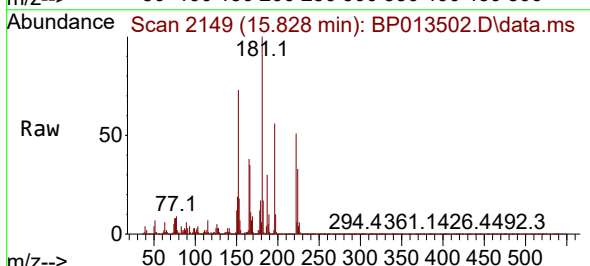
Instrument :
BNA_P
ClientSampleId :

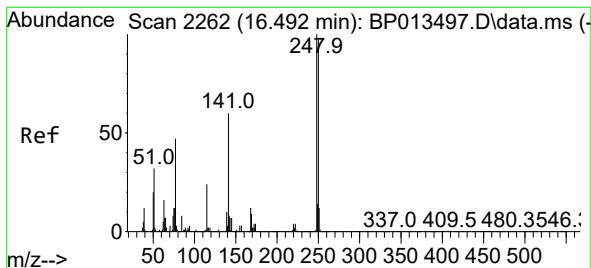
Tgt Ion:198 Resp: 328912
Ion Ratio Lower Upper
198 100
182 4.9 4.8 7.2
77 24.5 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 10.126 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:169 Resp: 776440
Ion Ratio Lower Upper
169 100
168 74.0 52.9 79.3
167 125.7 29.3 43.9#

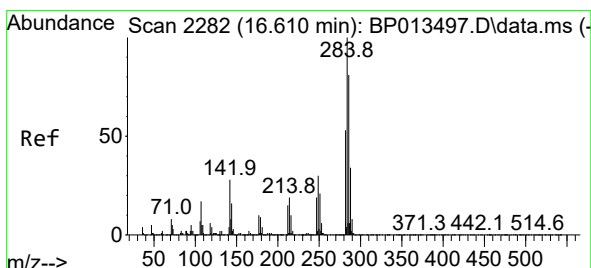
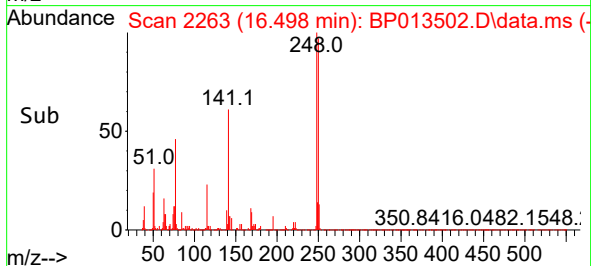
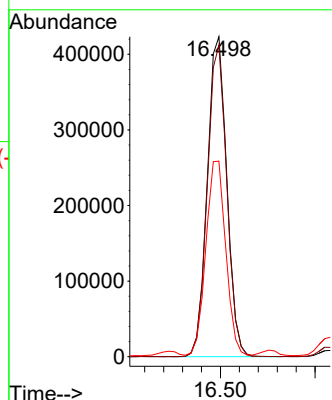
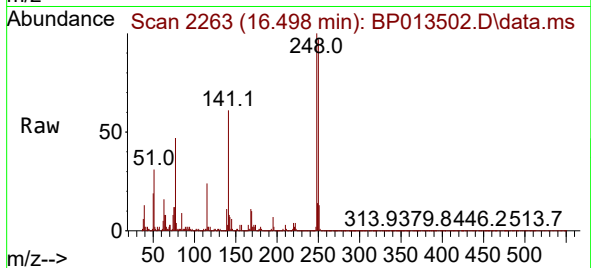




#68
4-Bromophenyl-phenylether
Concen: 20.596 ng/ul
RT: 16.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

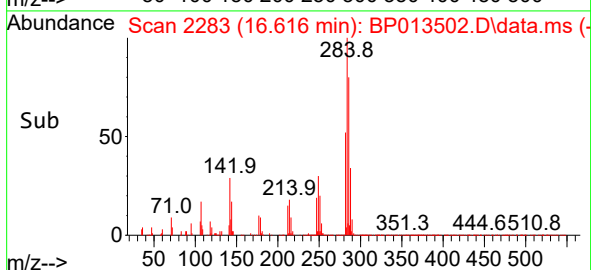
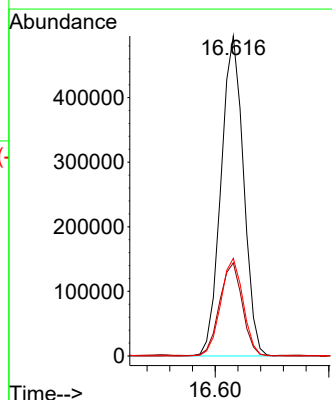
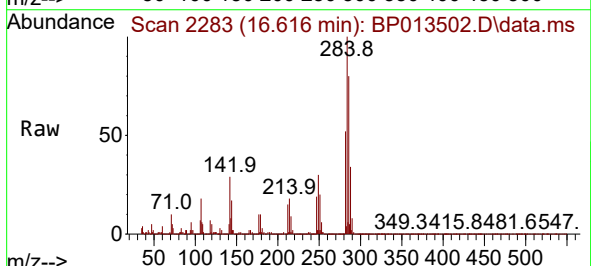
Instrument :
BNA_P
ClientSampleId :

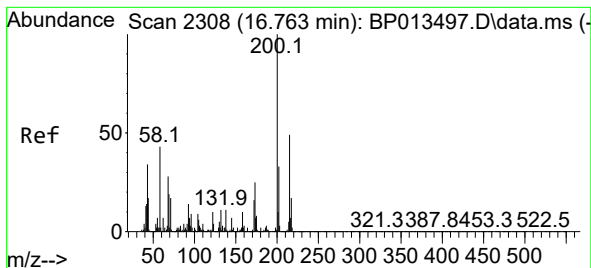
Tgt Ion:248 Resp: 604844
Ion Ratio Lower Upper
248 100
250 97.4 78.5 117.7
141 61.1 53.0 79.4



#69
Hexachlorobenzene
Concen: 19.262 ng/ul
RT: 16.616 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:284 Resp: 682020
Ion Ratio Lower Upper
284 100
142 29.1 24.8 37.2
249 30.5 24.1 36.1





#70

Atrazine

Concen: 20.685 ng/ul

RT: 16.769 min Scan# 2308

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

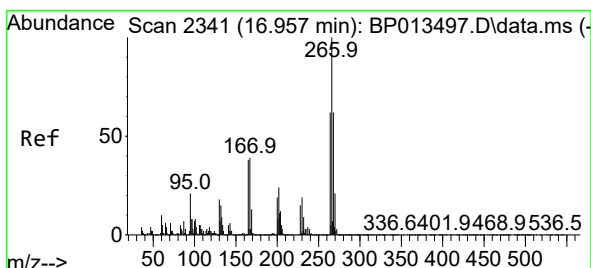
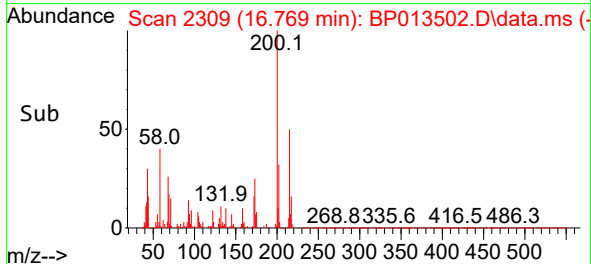
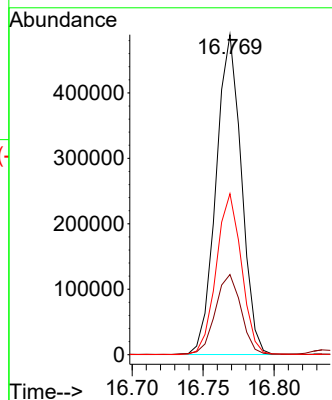
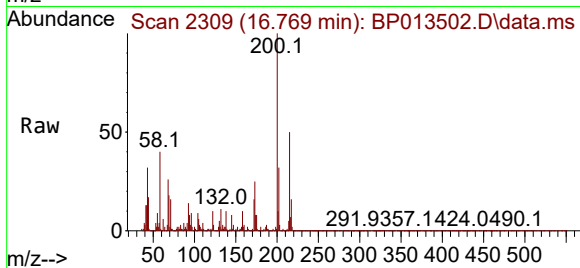
Tgt Ion:200 Resp: 606309

Ion Ratio Lower Upper

200 100

173 25.1 19.2 28.8

215 50.3 39.0 58.4



#71

Pentachlorophenol

Concen: 17.703 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

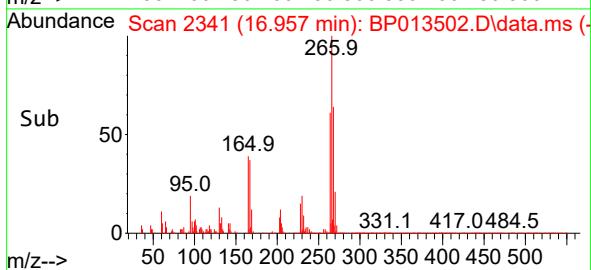
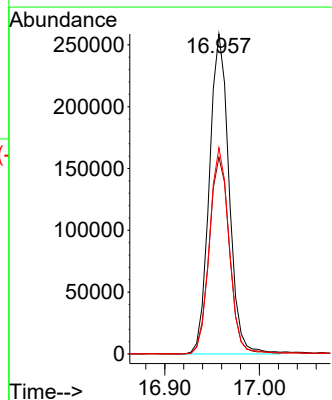
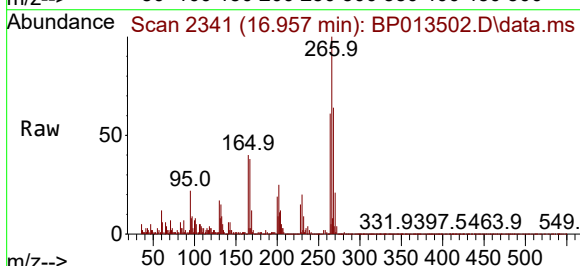
Tgt Ion:266 Resp: 373103

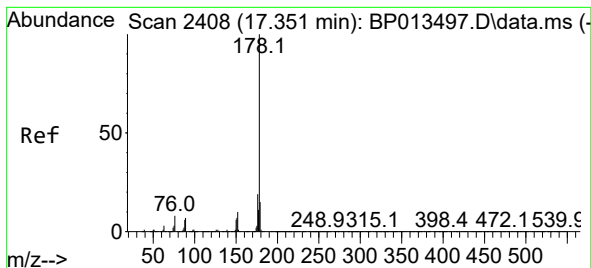
Ion Ratio Lower Upper

266 100

264 61.4 49.7 74.5

268 64.5 49.4 74.0





#72

Phenanthrene

Concen: 18.728 ng/ul

RT: 17.357 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

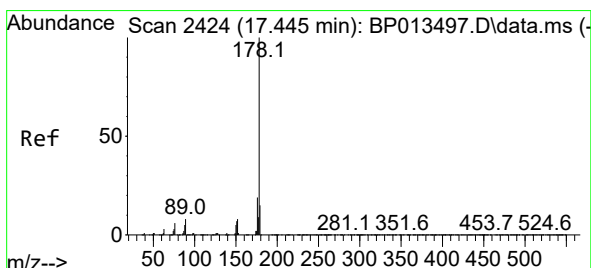
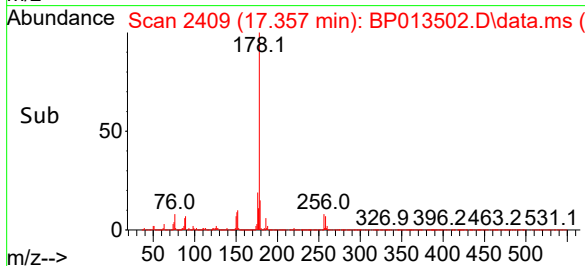
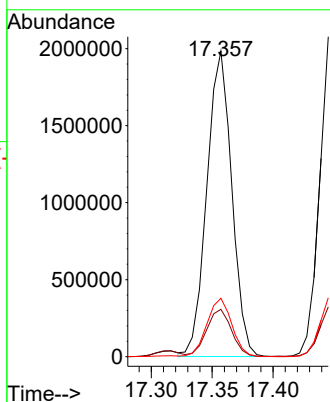
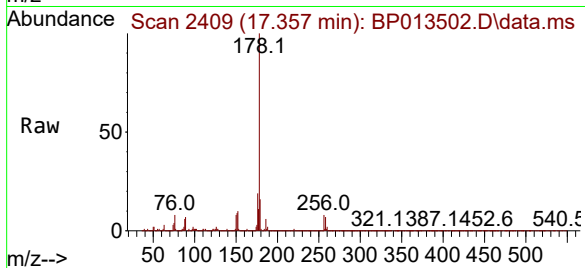
Tgt Ion:178 Resp: 2822779

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.1 15.4 23.0



#74

Anthracene

Concen: 19.470 ng/ul

RT: 17.445 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

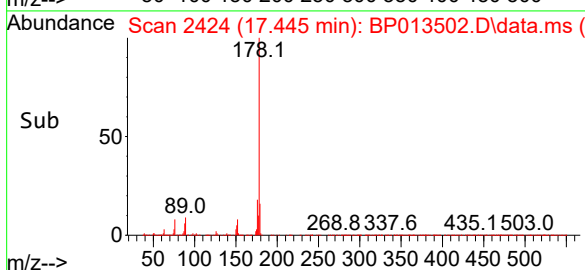
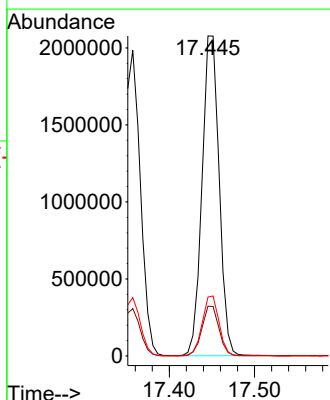
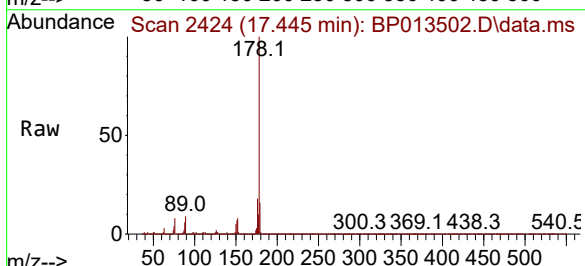
Tgt Ion:178 Resp: 2898745

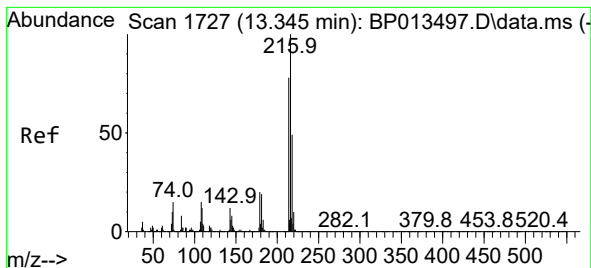
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.4 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.389 ng/uL

RT: 13.346 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

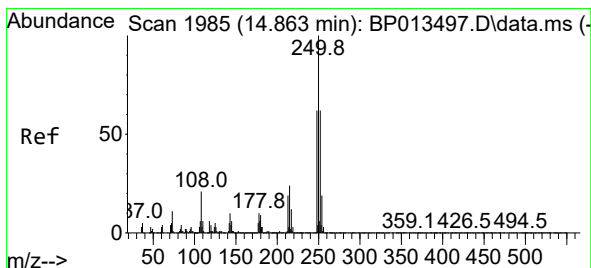
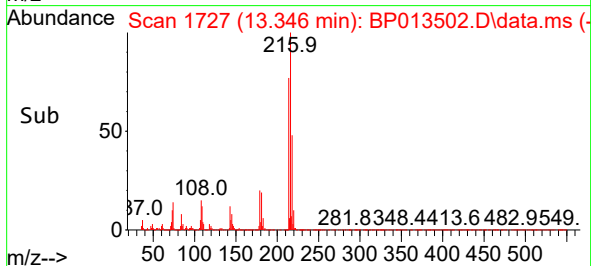
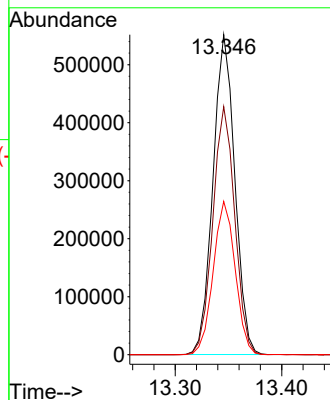
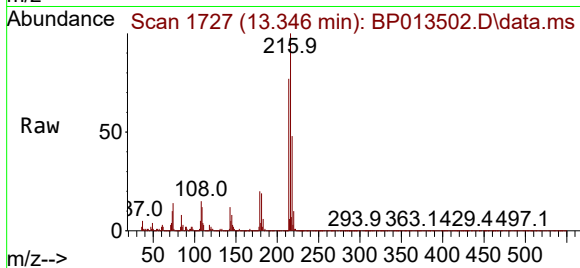
Tgt Ion:216 Resp: 787323

Ion Ratio Lower Upper

216 100

214 77.5 61.7 92.5

218 47.9 38.1 57.1



#76

Pentachlorobenzene

Concen: 18.474 ng/uL

RT: 14.869 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

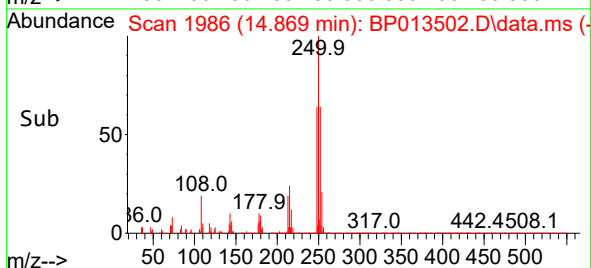
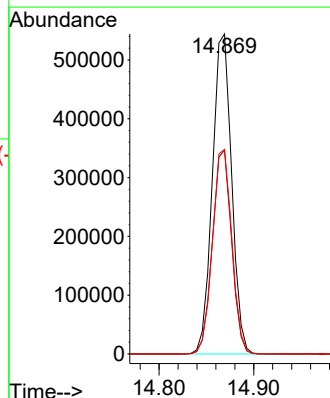
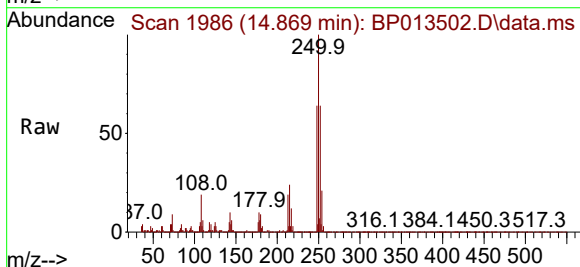
Tgt Ion:250 Resp: 770087

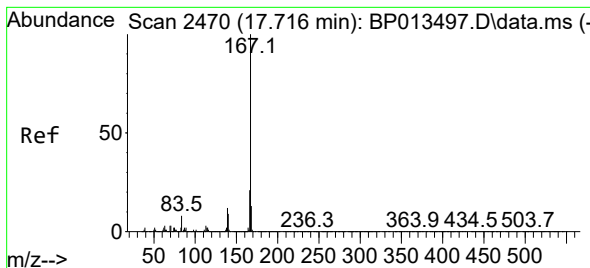
Ion Ratio Lower Upper

250 100

248 63.6 50.0 75.0

252 64.0 51.1 76.7





#77

Carbazole

Concen: 20.623 ng/ul

RT: 17.716 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

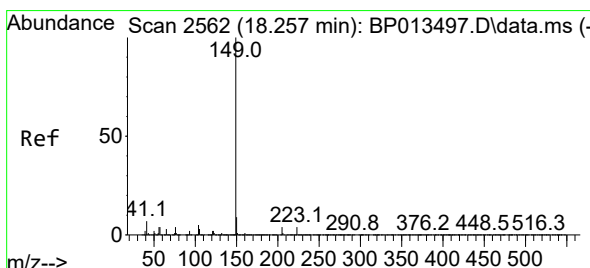
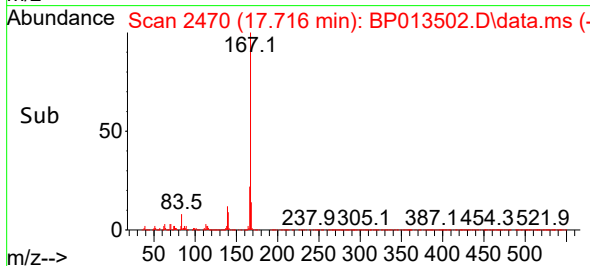
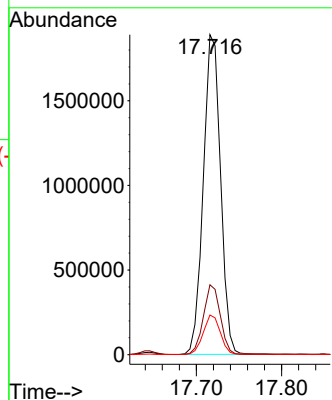
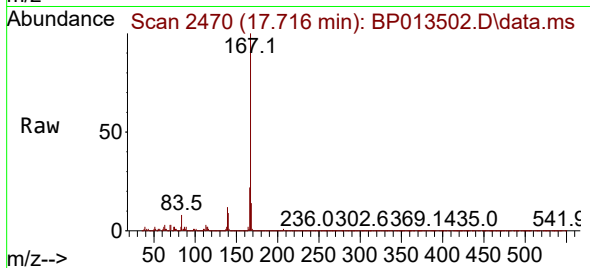
Tgt Ion:167 Resp: 2659431

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 12.4 9.8 14.6



#78

Di-n-butylphthalate

Concen: 25.925 ng/ul

RT: 18.257 min Scan# 2562

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

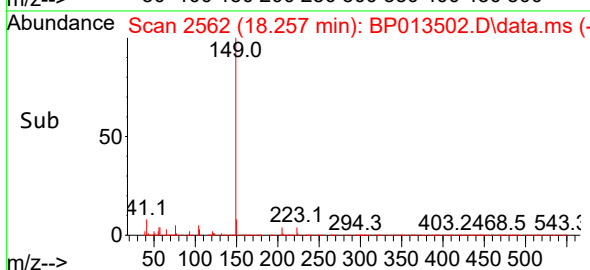
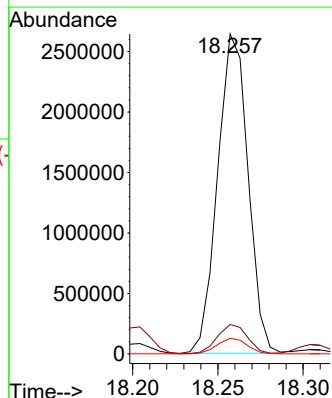
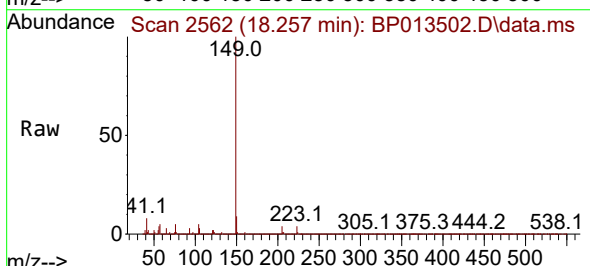
Tgt Ion:149 Resp: 3278614

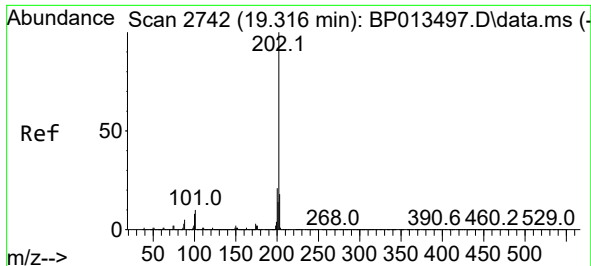
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 4.9 4.3 6.5

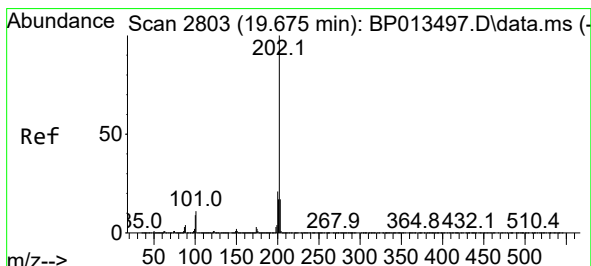
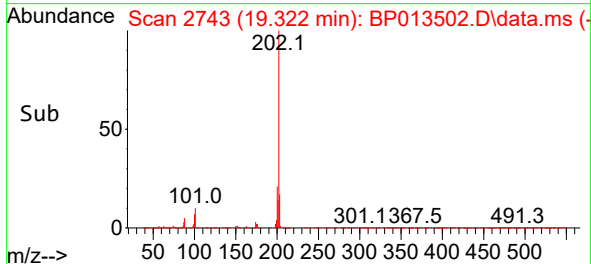
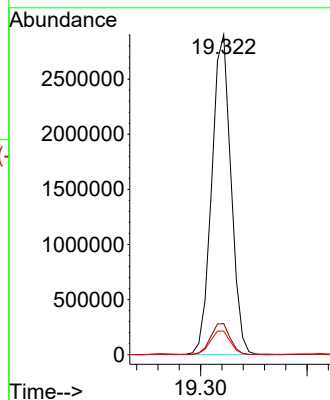
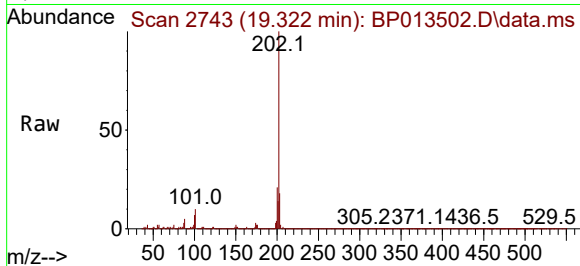




#80
Fluoranthene
Concen: 787.746 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

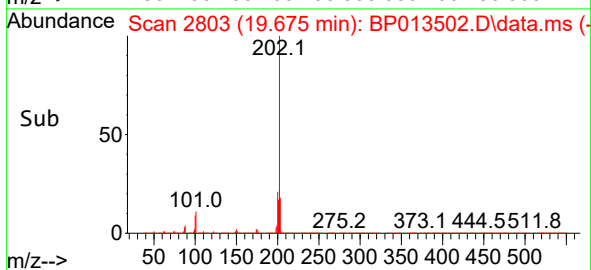
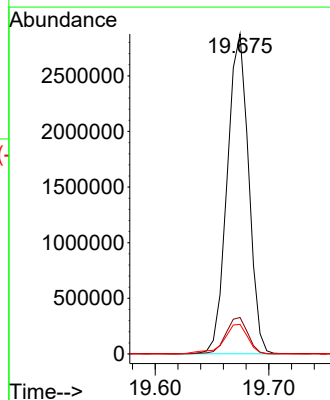
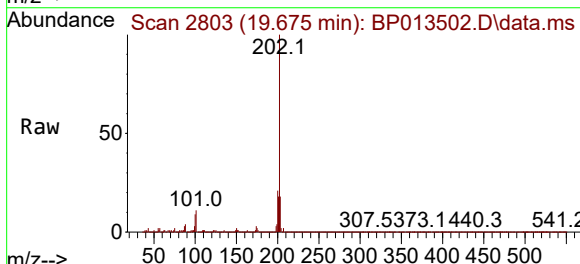
Instrument :
BNA_P
ClientSampleId :

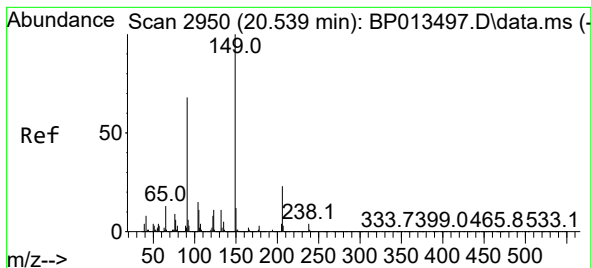
Tgt Ion:202 Resp: 3624553
Ion Ratio Lower Upper
202 100
101 9.7 8.3 12.5
100 7.4 6.8 10.2



#82
Pyrene
Concen: 772.259 ng/ul
RT: 19.675 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:202 Resp: 3764999
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 9.3 7.4 11.2





#83

Butylbenzylphthalate

Concen: 1061.774 ng/ul

RT: 20.539 min Scan# 2950

Delta R.T. 0.000 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

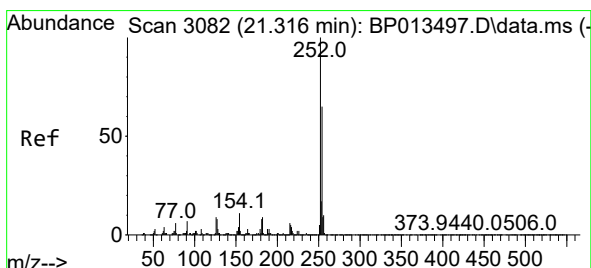
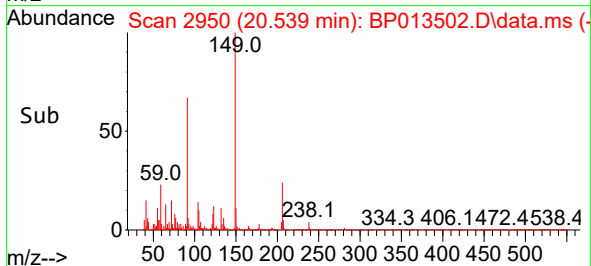
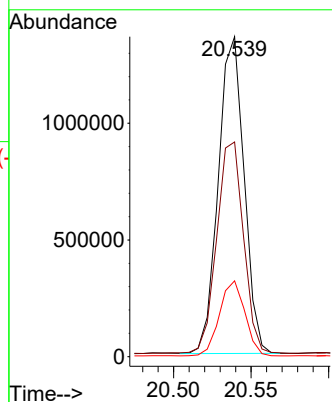
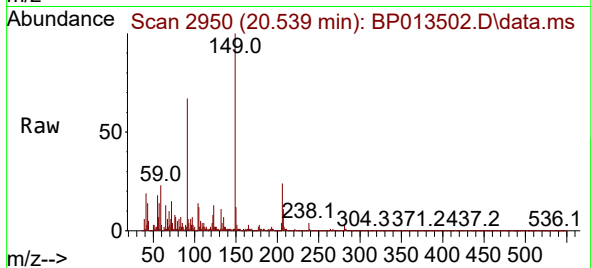
Tgt Ion:149 Resp: 1570754

Ion Ratio Lower Upper

149 100

91 67.1 55.8 83.6

206 23.7 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 3.656 ng/ul

RT: 21.280 min Scan# 3076

Delta R.T. -0.035 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

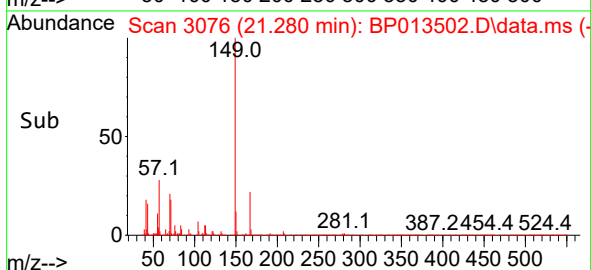
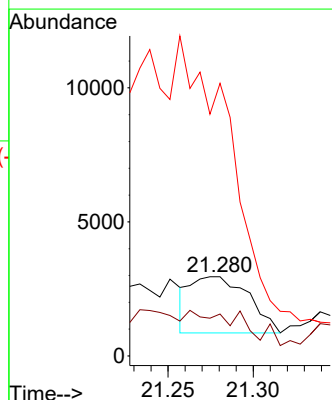
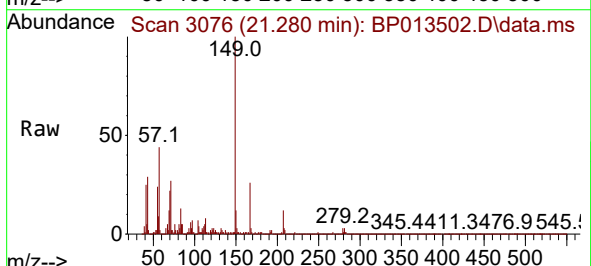
Tgt Ion:252 Resp: 4979

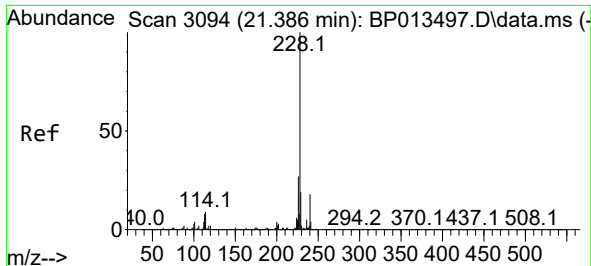
Ion Ratio Lower Upper

252 100

254 52.9 51.0 76.4

126 344.0 7.0 10.4#

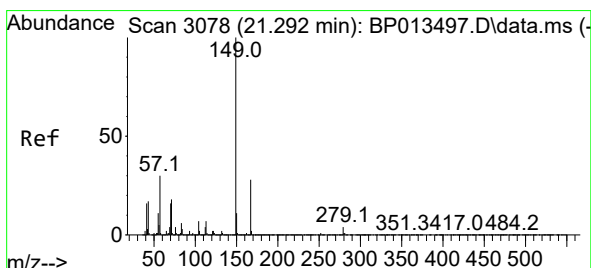
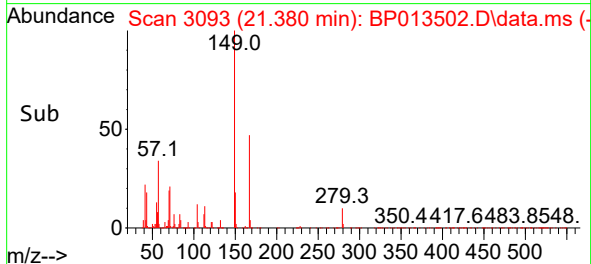
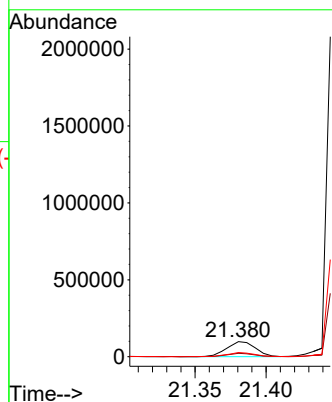
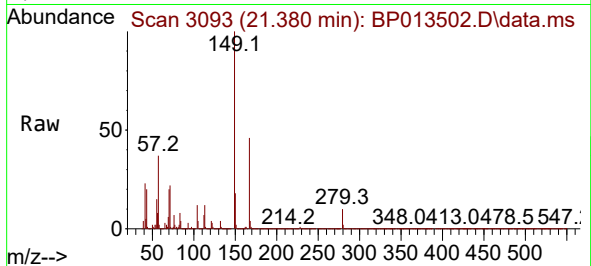




#85
Benzo(a)anthracene
Concen: 28.063 ng/ul
RT: 21.380 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

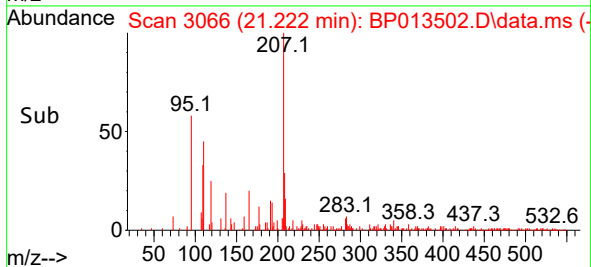
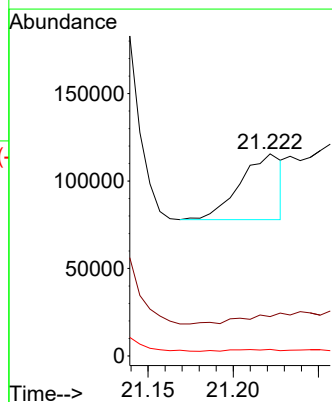
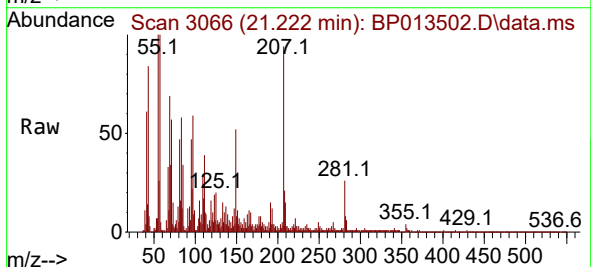
Instrument :
BNA_P
ClientSampleId :

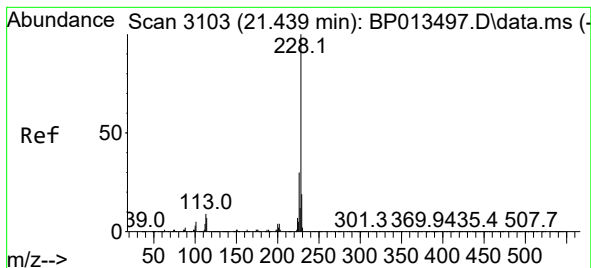
Tgt Ion:228 Resp: 137318
Ion Ratio Lower Upper
228 100
229 22.1 15.9 23.9
226 27.4 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.942 ng/ul
RT: 21.222 min Scan# 3066
Delta R.T. -0.070 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:149 Resp: 63763
Ion Ratio Lower Upper
149 100
167 19.5 22.2 33.4#
279 3.2 3.5 5.3#





#87

Chrysene

Concen: 329.355 ng/ul

RT: 21.445 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

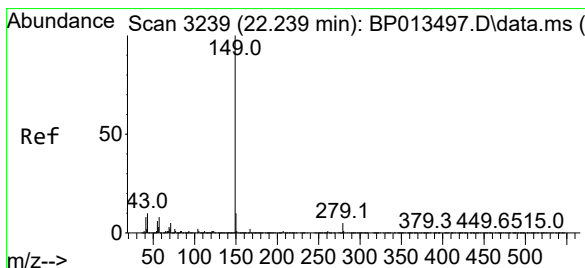
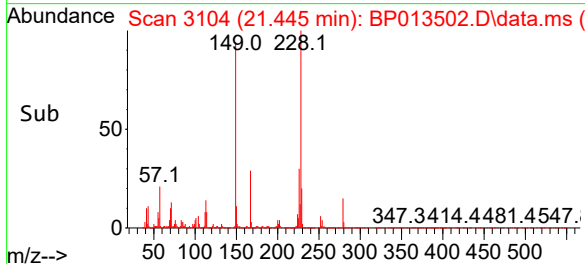
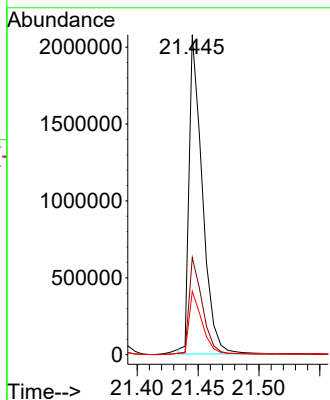
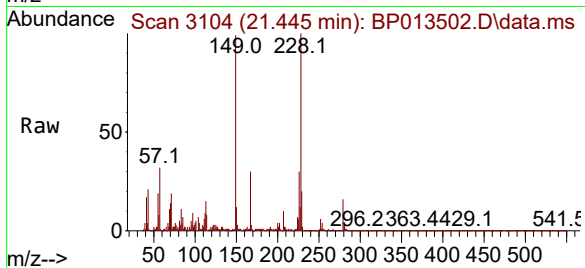
Tgt Ion:228 Resp: 1570790

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 34.008 ng/ul

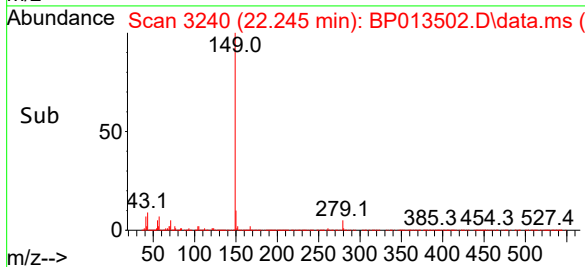
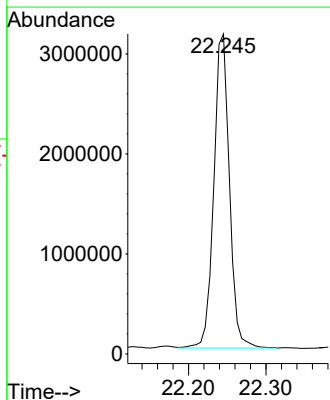
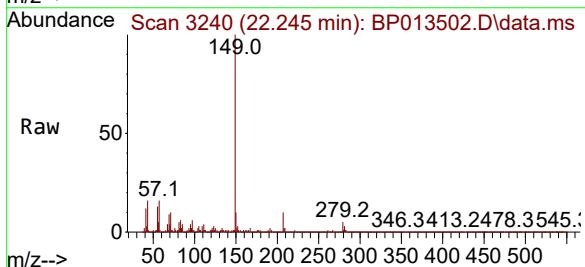
RT: 22.245 min Scan# 3240

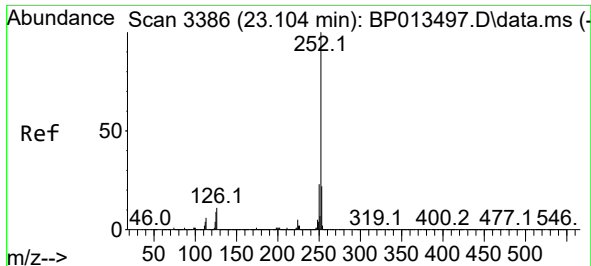
Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Tgt Ion:149 Resp: 4380475

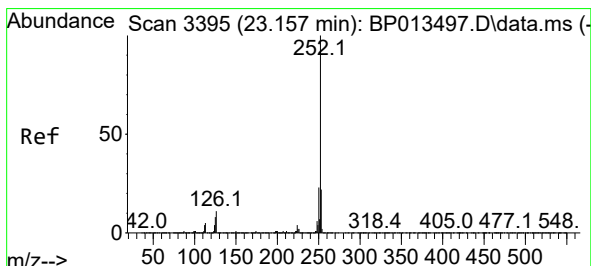
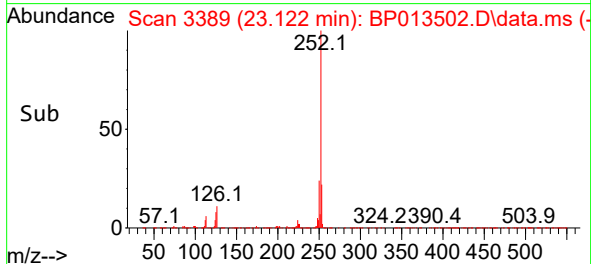
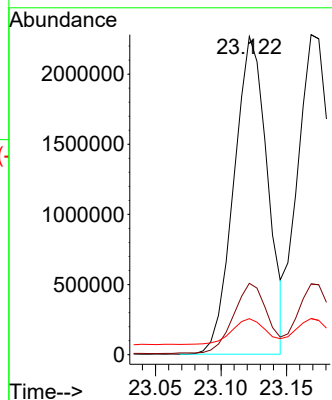
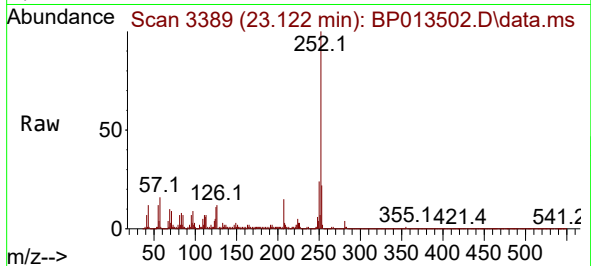




#90
Benzo(b)fluoranthene
Concen: 21.158 ng/ul
RT: 23.122 min Scan# 3386
Delta R.T. 0.018 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

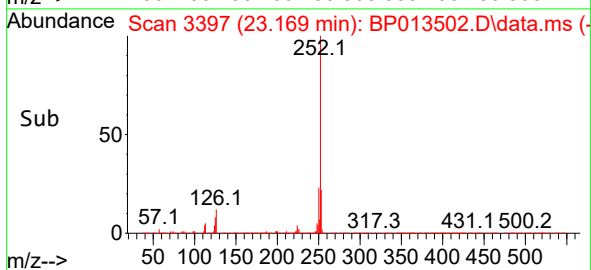
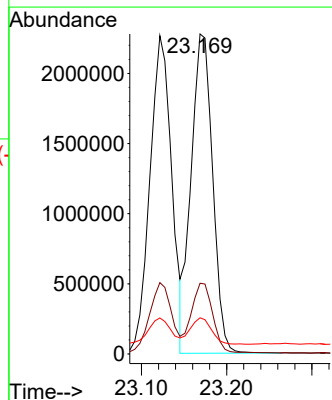
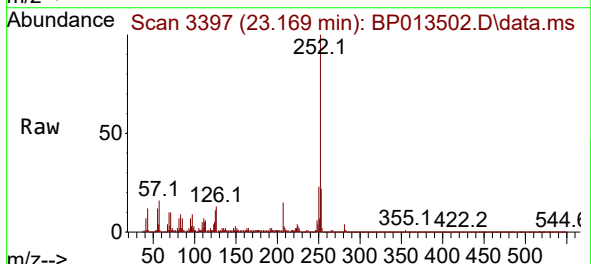
Instrument :
BNA_P
ClientSampleId :

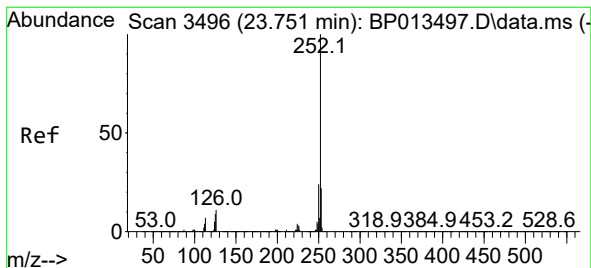
Tgt Ion:252 Resp: 4021192
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 7.1 10.7#



#91
Benzo(k)fluoranthene
Concen: 21.981 ng/ul
RT: 23.169 min Scan# 3397
Delta R.T. 0.012 min
Lab File: BP013502.D
Acq: 17 Jan 2023 19:39

Tgt Ion:252 Resp: 3986274
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.3 6.9 10.3#





#93

Benzo(a)pyrene

Concen: 21.577 ng/ul

RT: 23.763 min Scan# 3496

Delta R.T. 0.012 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

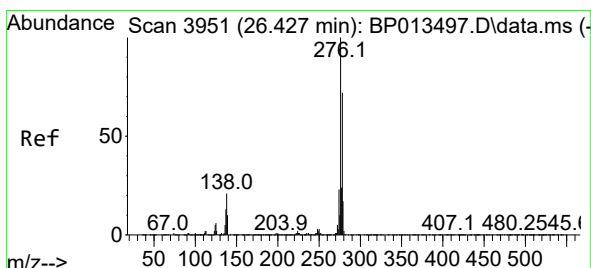
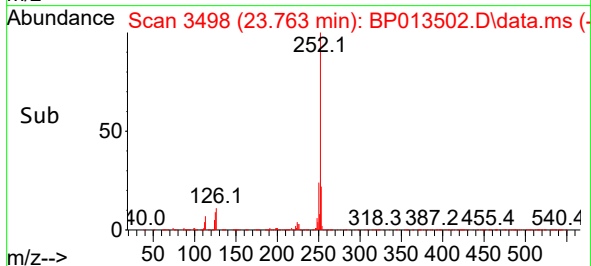
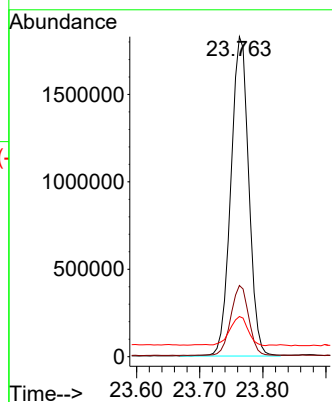
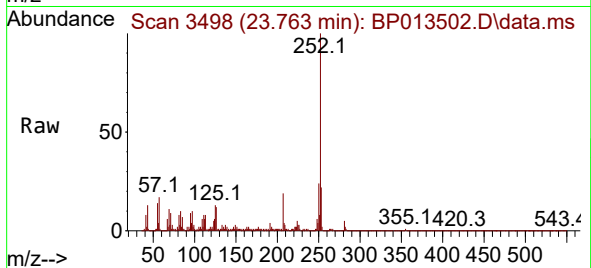
Tgt Ion:252 Resp: 3600510

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 12.5 7.6 11.4#



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.945 ng/ul

RT: 26.439 min Scan# 3953

Delta R.T. 0.012 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

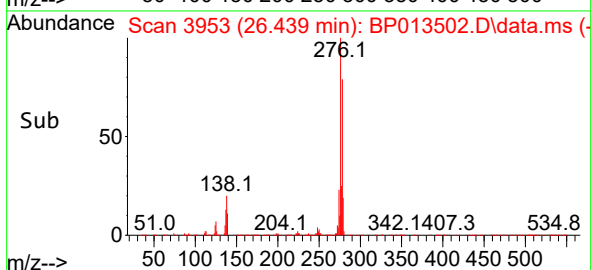
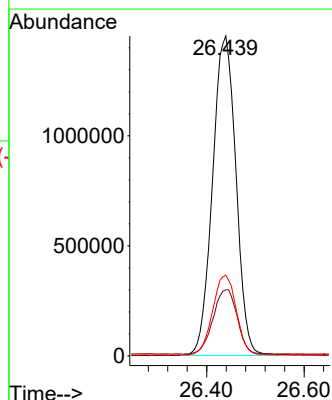
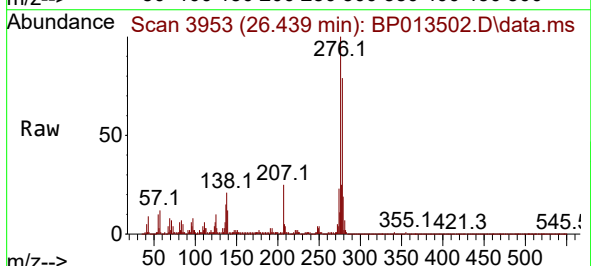
Tgt Ion:276 Resp: 4842910

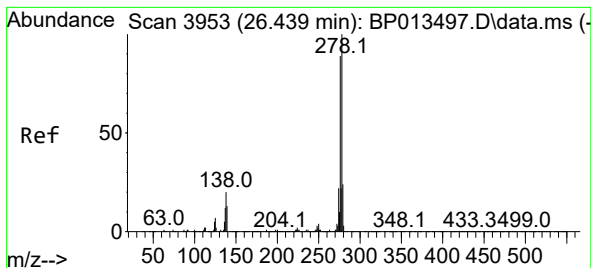
Ion Ratio Lower Upper

276 100

138 20.7 17.3 25.9

277 25.2 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 21.077 ng/ul

RT: 26.451 min Scan# 3955

Delta R.T. 0.012 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Instrument :

BNA_P

ClientSampleId :

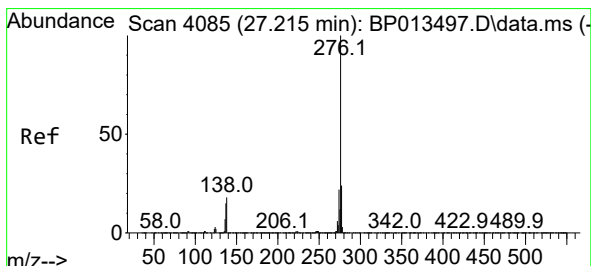
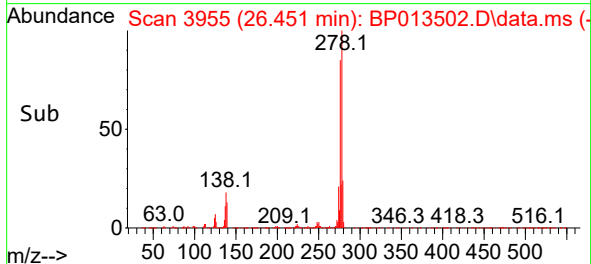
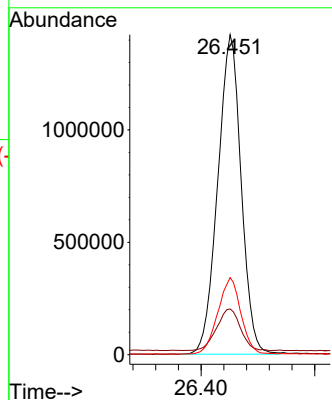
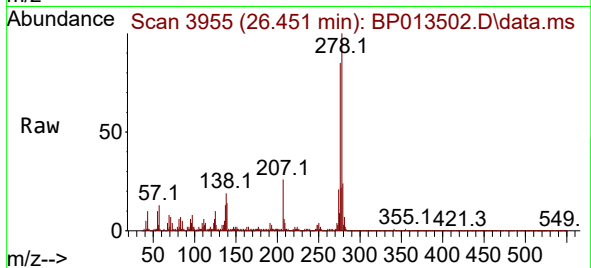
Tgt Ion:278 Resp: 4065287

Ion Ratio Lower Upper

278 100

139 14.3 11.3 16.9

279 24.1 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 17.950 ng/ul

RT: 27.221 min Scan# 4086

Delta R.T. 0.006 min

Lab File: BP013502.D

Acq: 17 Jan 2023 19:39

Tgt Ion:276 Resp: 3413632

Ion Ratio Lower Upper

276 100

138 18.2 14.5 21.7

277 24.5 18.8 28.2

