

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013497.D
 Acq On : 17 Jan 2023 16:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 01:15:16 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	448497	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1791860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	1099104	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	2345103	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	2298767	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	2807389	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	83837	7.266	ng/uL	0.00
4) Pyridine-d5	3.722	84	603313	18.747	ng/u1	0.00
7) Phenol-d5	7.063	99	705088	18.946	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	438693	18.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	565645	20.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	543554	19.171	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	270191	21.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	310847	22.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	573391	20.601	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	736998	18.796	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1513608	18.902	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1786552	20.155	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	266903	18.210	ng/u1	0.00
60) Fluorene-d10	15.545	176	1324087	18.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	284793	19.152	ng/u1	0.00
73) Anthracene-d10	17.410	188	2033467	19.618	ng/u1	0.00
81) Pyrene-d10	19.645	212	2423314	19.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	2570631	18.641	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	94568	7.442	ng/uL#	80
5) Pyridine	3.740	79	604983	18.590	ng/u1	98
6) Benzaldehyde	7.040	77	293651	20.688	ng/u1	94
8) Phenol	7.087	94	719961	18.699	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	571677	18.777	ng/u1	99
12) 2-Chlorophenol	7.463	128	577139	19.962	ng/u1	96
13) 2-Methylphenol	8.346	108	533012	19.277	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	890866	18.963	ng/u1	98
16) Acetophenone	8.728	105	867442	19.385	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.710	70	447719	20.927	ng/u1	97
18) 4-Methylphenol	8.675	108	583214	19.189	ng/u1	99
19) Hexachloroethane	8.981	117	236098	20.267	ng/u1	99
22) Nitrobenzene	9.110	77	654519	19.654	ng/u1	95
23) Isophorone	9.640	82	1205304	20.681	ng/u1	99
25) 2-Nitrophenol	9.822	139	323317	21.292	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	623856	19.693	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	755759	19.623	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	555718	19.956	ng/u1	99
30) Naphthalene	10.763	128	1811789	19.007	ng/u1	99
32) 4-Chloroaniline	10.875	127	739751	18.764	ng/u1	99
33) Hexachlorobutadiene	11.040	225	394164	19.712	ng/u1	99
34) Caprolactam	11.657	113	162050	19.561	ng/u1	97
35) 4-Chloro-3-methylphenol	11.999	107	546580	20.338	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1185972	19.454	ng/u1	98

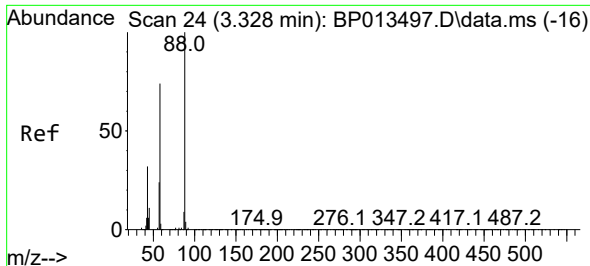
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1208800	19.116	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	726623	19.284	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	422251	18.627	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	456432	20.592	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	489872	20.309	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1598909	19.161	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1275269	18.939	ng/ul	100
45) 2-Nitroaniline	13.634	65	349926	21.475	ng/ul	92
47) Dimethylphthalate	14.004	163	1512720	18.908	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	304461	21.976	ng/ul	95
50) Acenaphthylene	14.269	152	1922371	19.679	ng/ul	100
51) 3-Nitroaniline	14.457	138	262575	17.894	ng/ul	97
52) Acenaphthene	14.610	153	1308865	18.720	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	189658	18.391	ng/ul	95
55) 4-Nitrophenol	14.769	109	204641	18.369	ng/ul	97
56) Dibenzofuran	14.945	168	1852284	18.446	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	427475	20.758	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	421326	20.023	ng/ul	99
59) Diethylphthalate	15.369	149	1440310	19.235	ng/ul	99
61) Fluorene	15.598	166	1498939	18.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	783729	18.724	ng/ul	98
63) 4-Nitroaniline	15.622	138	230907	17.019	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.681	198	281891	19.206	ng/ul	97
67) N-Nitrosodiphenylamine	15.810	169	1251150	19.727	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	488028	20.091	ng/ul	96
69) Hexachlorobenzene	16.610	284	571134	19.500	ng/ul	97
70) Atrazine	16.763	200	478632	19.740	ng/ul	99
71) Pentachlorophenol	16.957	266	333284	19.117	ng/ul	99
72) Phenanthrene	17.351	178	2343824	18.800	ng/ul	100
74) Anthracene	17.445	178	2373421	19.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	707111	19.967	ng/ul	98
76) Pentachlorobenzene	14.863	250	684076	19.839	ng/ul	99
77) Carbazole	17.716	167	2065140	19.360	ng/ul	99
78) Di-n-butylphthalate	18.257	149	2926327	27.973	ng/ul	99
80) Fluoranthene	19.316	202	2799669	19.558	ng/ul	99
82) Pyrene	19.675	202	2914857	19.217	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1084790	23.569	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.316	252	1020717	24.094	ng/ul	98
85) Benzo(a)anthracene	21.386	228	2958738	19.435	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1572128	24.522	ng/ul	100
87) Chrysene	21.439	228	2794390	18.833	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	2732200	22.706	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	3173053	17.872	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	3016393	17.805	ng/ul	100
93) Benzo(a)pyrene	23.751	252	2882897	18.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	4066364	18.826	ng/ul	99
95) Dibenzo(a,h)anthracene	26.439	278	3362595	18.662	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	3342800	18.816	ng/ul	99

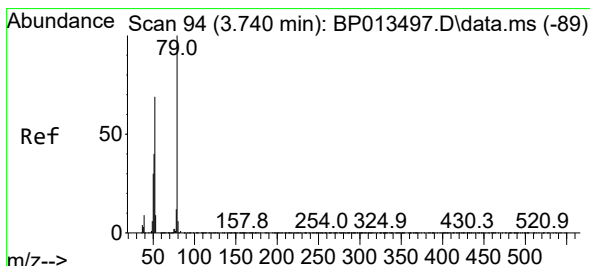
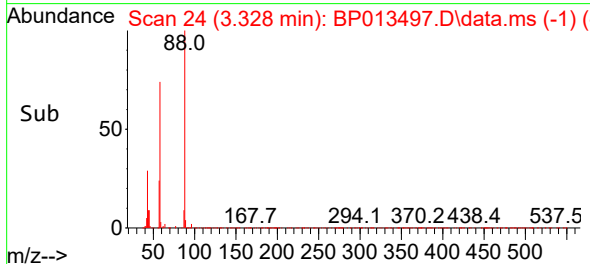
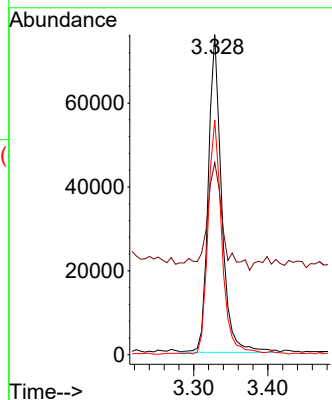
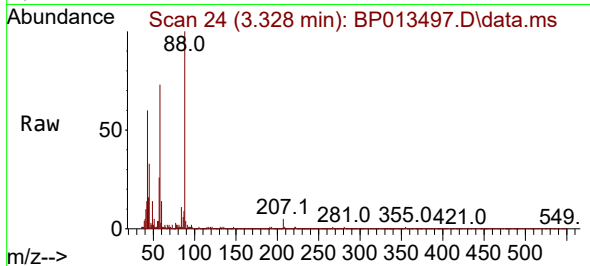
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#2
1,4-Dioxane
Concen: 7.442 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP013497.D
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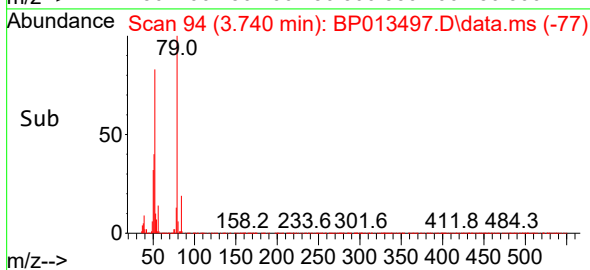
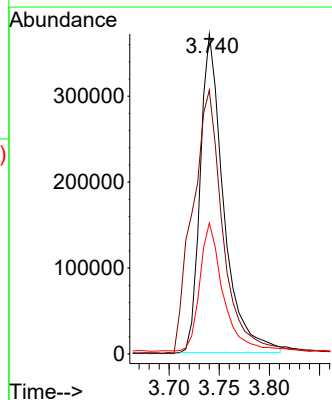
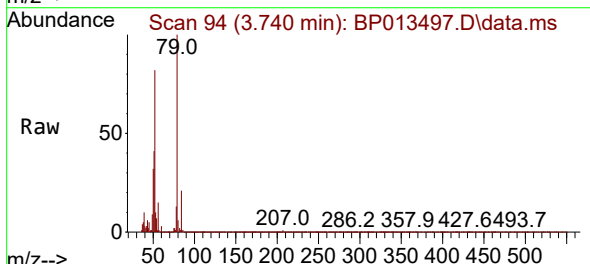
Instrument :
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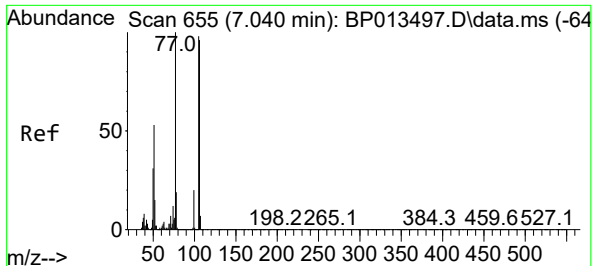
Tgt Ion: 88 Resp: 94568
Ion Ratio Lower Upper
88 100
43 60.1 26.6 40.0#
58 73.3 64.7 97.1



#5
Pyridine
Concen: 18.590 ng/uL
RT: 3.740 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion: 79 Resp: 604983
Ion Ratio Lower Upper
79 100
52 82.5 67.7 101.5
51 40.9 32.3 48.5

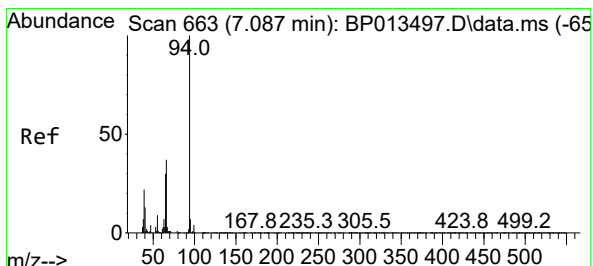
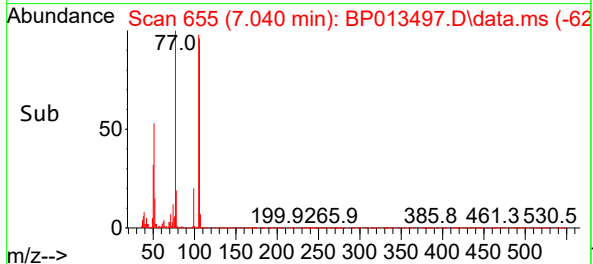
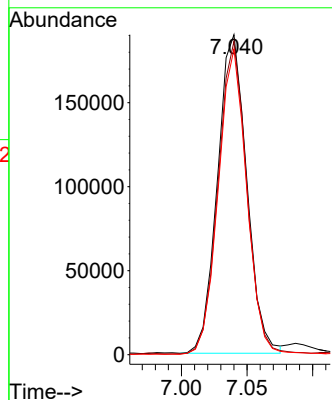
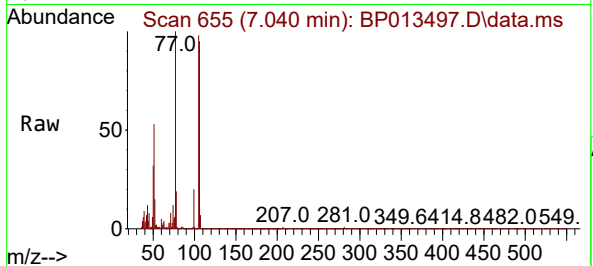




#6
Benzaldehyde
Concen: 20.688 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

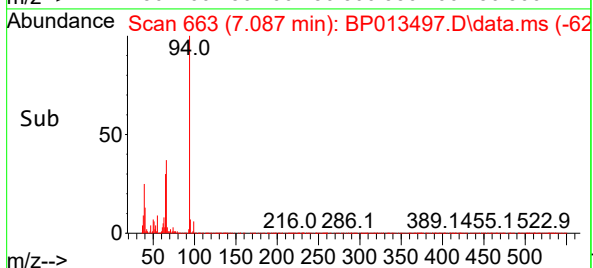
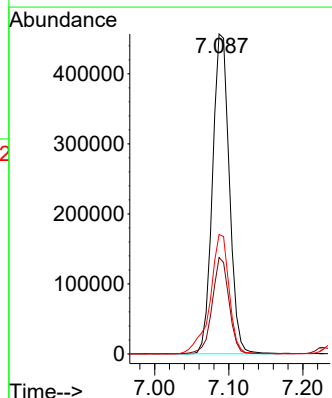
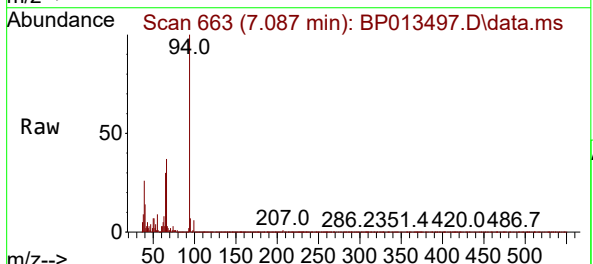
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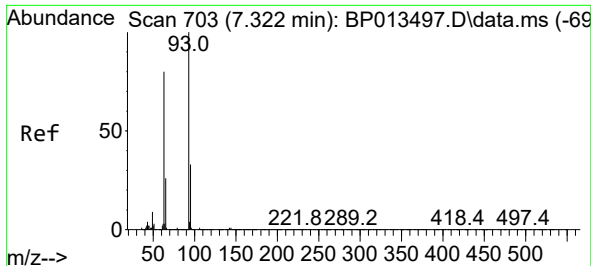
Tgt Ion: 77 Resp: 293651
Ion Ratio Lower Upper
77 100
105 97.9 75.4 113.0
106 95.5 69.8 104.8



#8
Phenol
Concen: 18.699 ng/ul
RT: 7.087 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

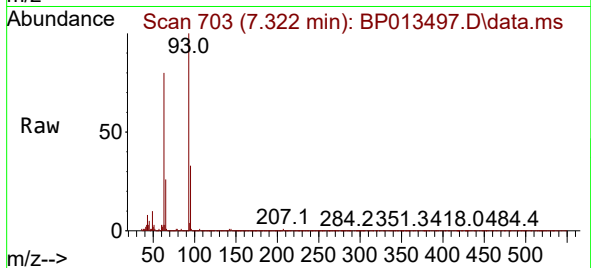
Tgt Ion: 94 Resp: 719961
Ion Ratio Lower Upper
94 100
65 30.1 22.8 34.2
66 37.4 28.6 42.8



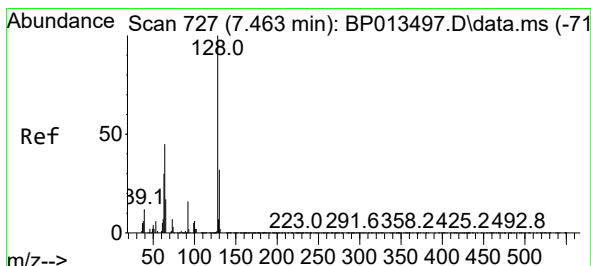
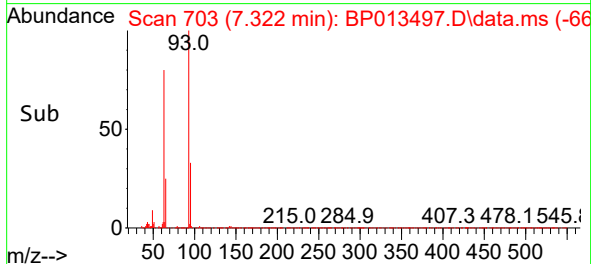
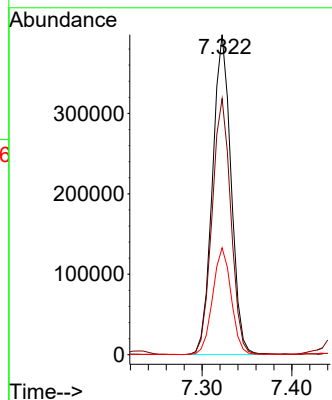


#10
Bis(2-Chloroethyl)ether
Concen: 18.777 ng/ul
RT: 7.322 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Instrument :
BNA_P
ClientSampleId :

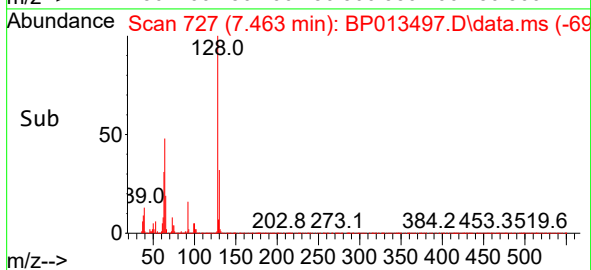
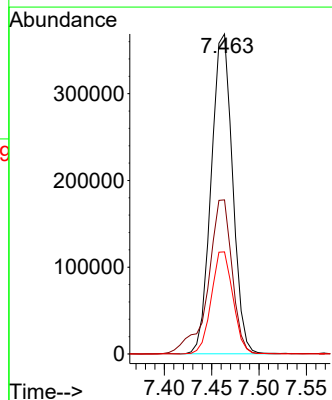
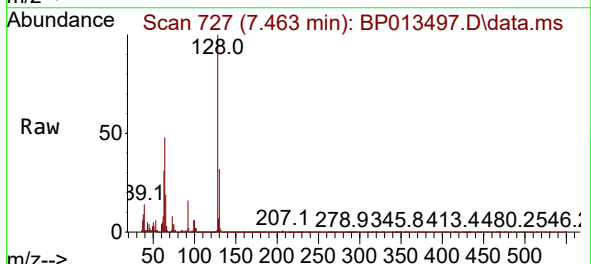


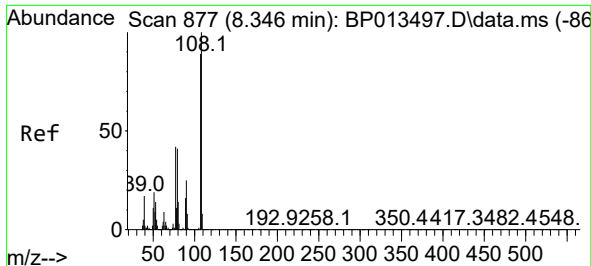
Tgt Ion: 93 Resp: 571677
Ion Ratio Lower Upper
93 100
63 80.1 64.7 97.1
95 33.4 25.7 38.5



#12
2-Chlorophenol
Concen: 19.962 ng/ul
RT: 7.463 min Scan# 727
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:128 Resp: 577139
Ion Ratio Lower Upper
128 100
64 48.2 41.4 62.2
130 31.9 24.9 37.3





#13

2-Methylphenol

Concen: 19.277 ng/ul

RT: 8.346 min Scan# 877

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

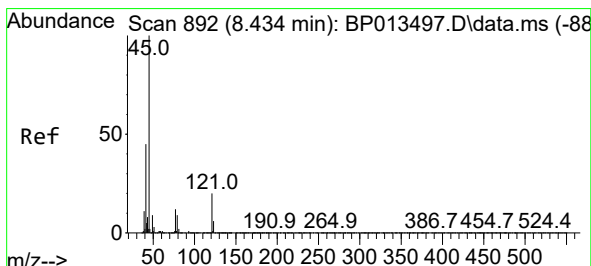
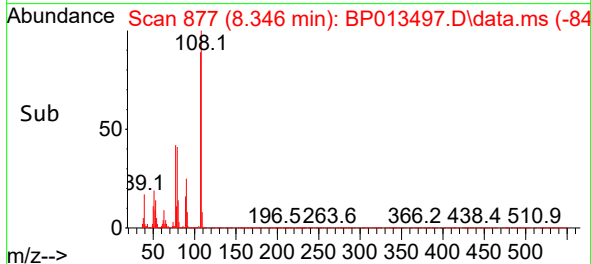
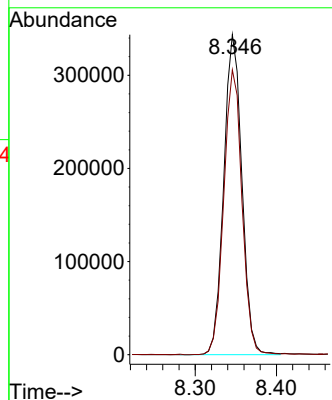
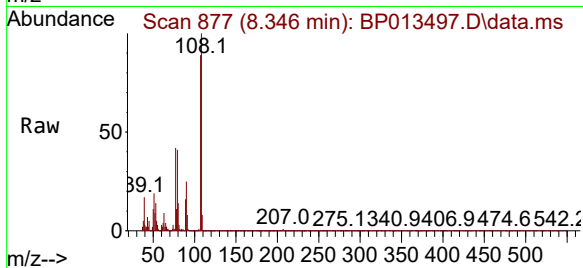
ClientSampleId :

Tgt Ion:108 Resp: 533012

Ion Ratio Lower Upper

108 100

107 89.0 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.963 ng/ul

RT: 8.434 min Scan# 892

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

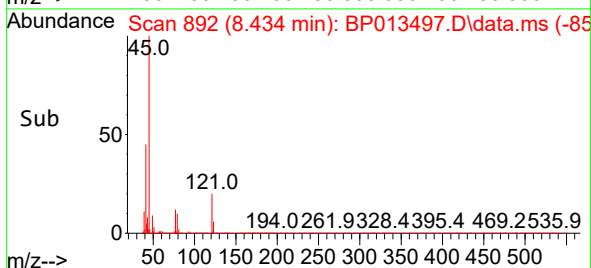
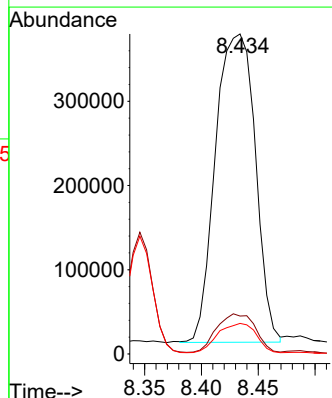
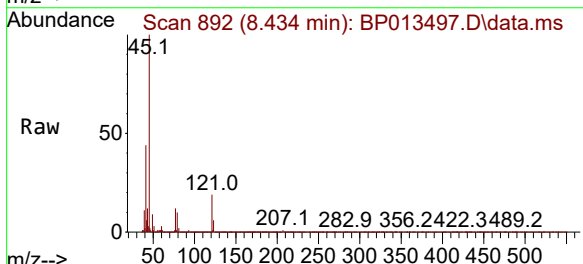
Tgt Ion: 45 Resp: 890866

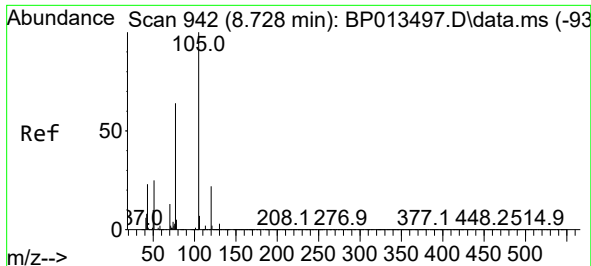
Ion Ratio Lower Upper

45 100

77 11.8 10.1 15.1

79 9.6 7.0 10.4

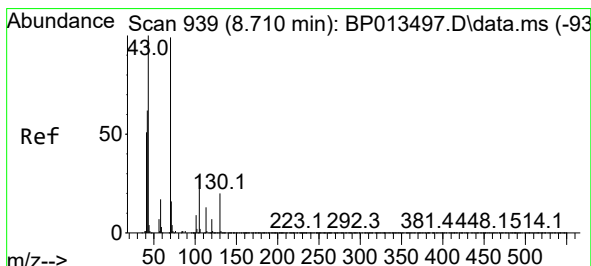
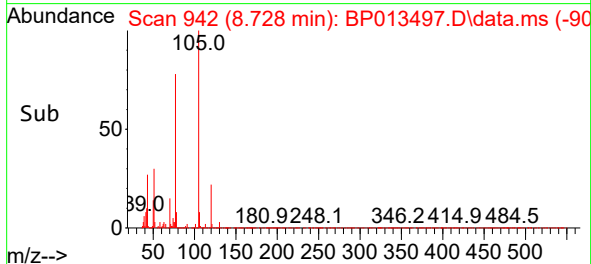
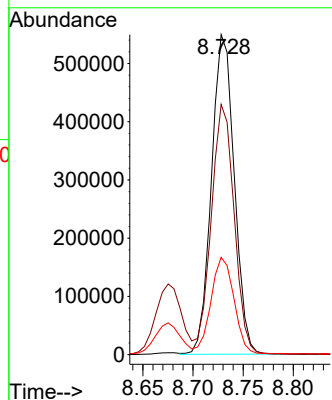
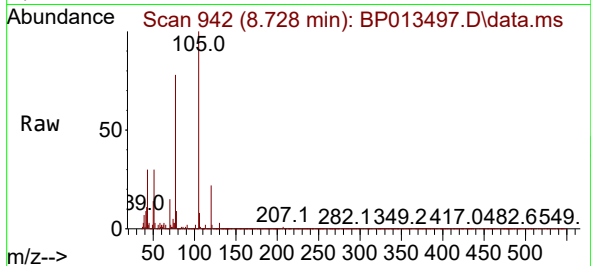




#16
Acetophenone
Concen: 19.385 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

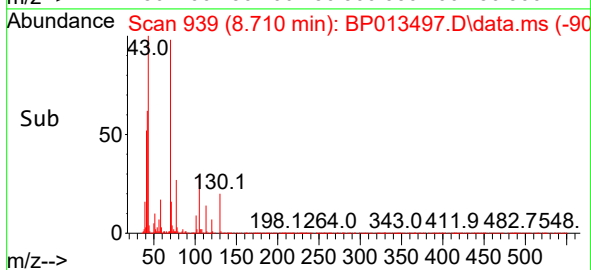
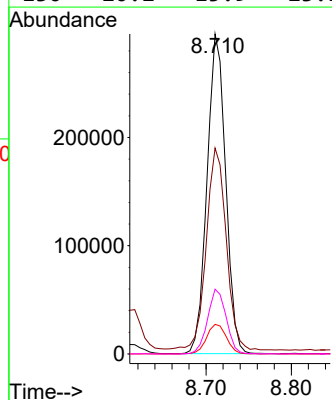
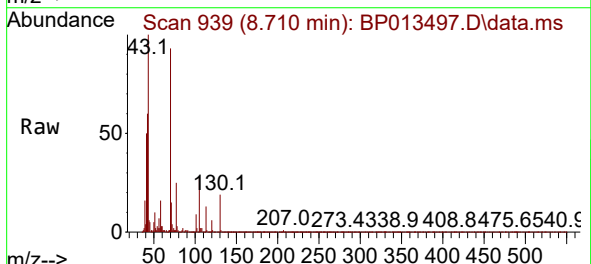
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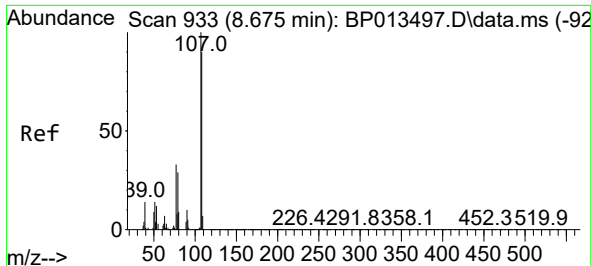
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Ion Ratio Lower Upper
105 100
77 78.2 62.5 93.7
51 30.5 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 20.927 ng/ul
RT: 8.710 min Scan# 939
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion: 70 Resp: 447719
Ion Ratio Lower Upper
70 100
42 64.4 53.6 80.4
101 9.3 8.0 12.0
130 20.2 15.9 23.9

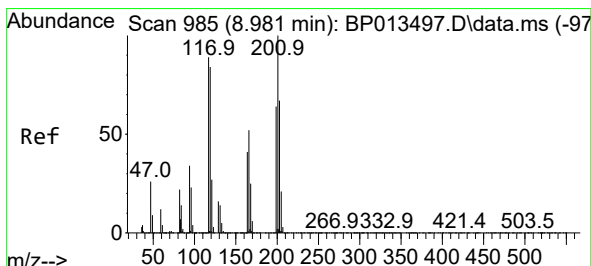
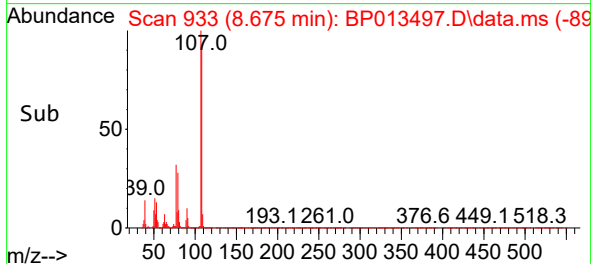
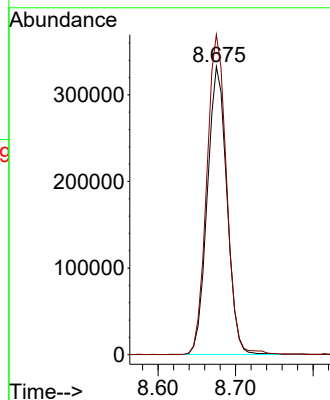
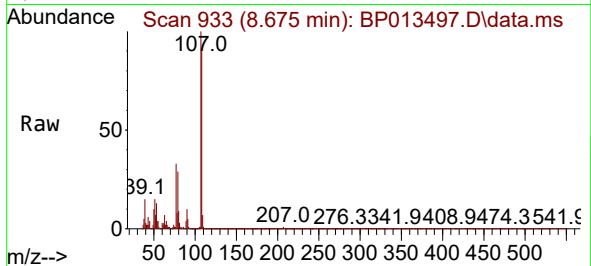




#18
4-Methylphenol
Concen: 19.189 ng/ul
RT: 8.675 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

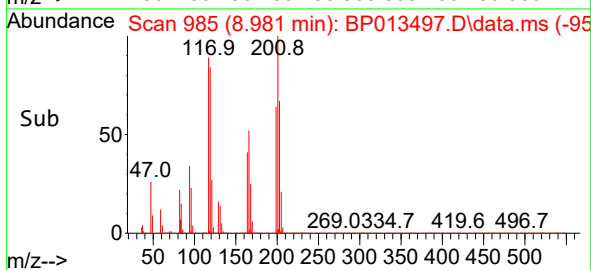
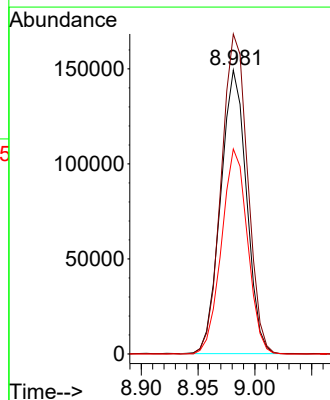
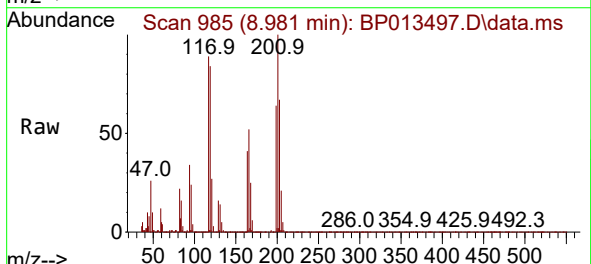
Instrument :
BNA_P
ClientSampleId :

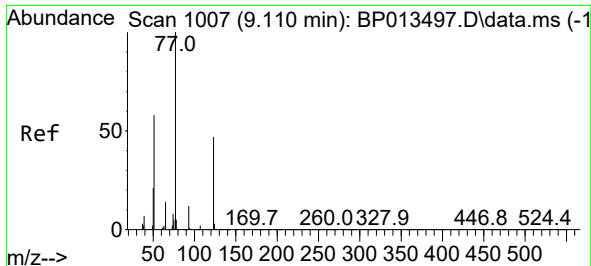
Tgt Ion:108 Resp: 583214
Ion Ratio Lower Upper
108 100
107 111.1 89.5 134.3



#19
Hexachloroethane
Concen: 20.267 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:117 Resp: 236098
Ion Ratio Lower Upper
117 100
201 112.7 90.6 136.0
199 72.2 58.7 88.1

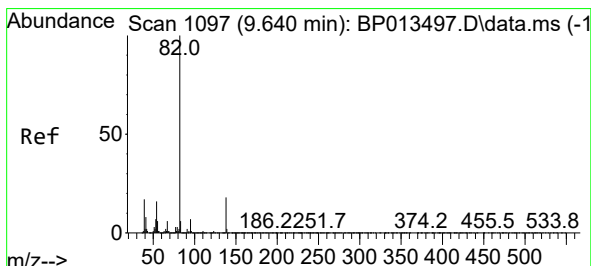
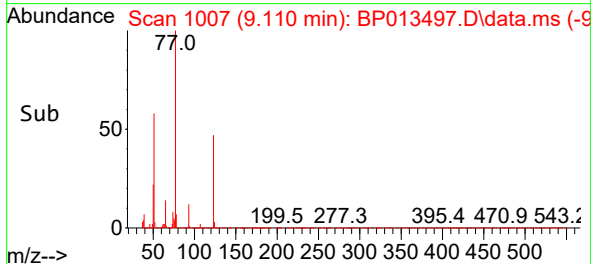
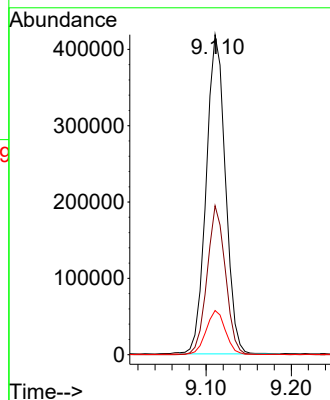
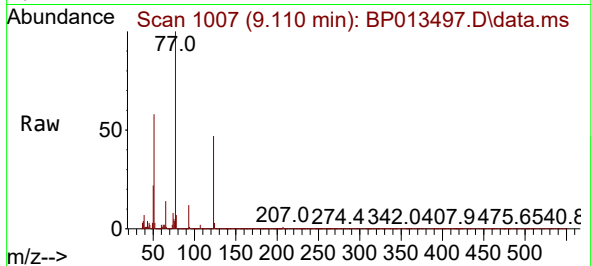




#22
Nitrobenzene
Concen: 19.654 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

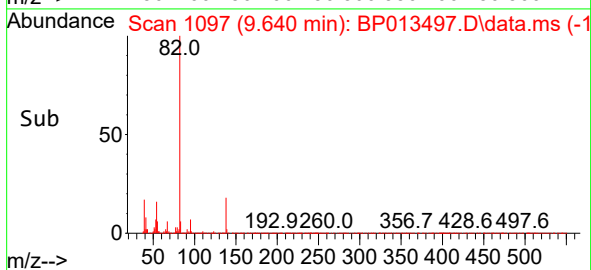
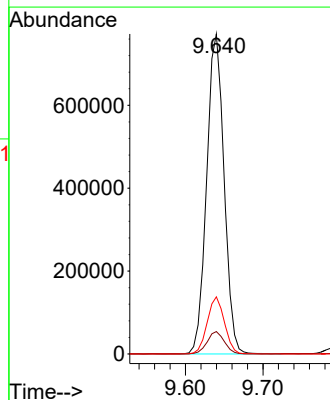
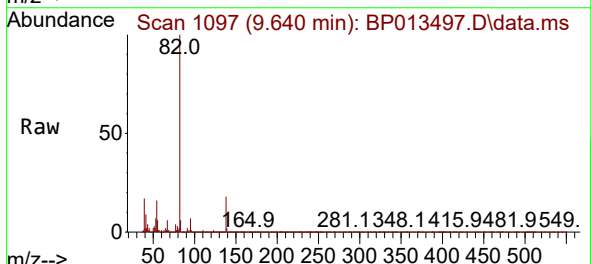
Instrument :
BNA_P
ClientSampleId :

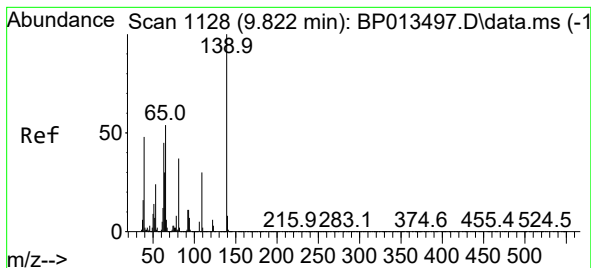
Tgt Ion: 77 Resp: 654519
Ion Ratio Lower Upper
77 100
123 46.5 33.7 50.5
65 13.8 11.0 16.4



#23
Isophorone
Concen: 20.681 ng/ul
RT: 9.640 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion: 82 Resp: 1205304
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.8 13.8 20.6





#25

2-Nitrophenol

Concen: 21.292 ng/ul

RT: 9.822 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

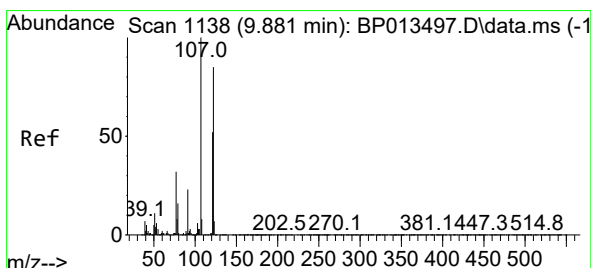
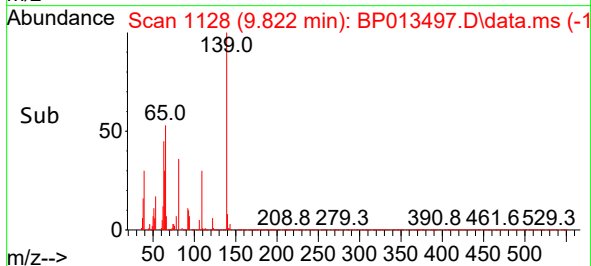
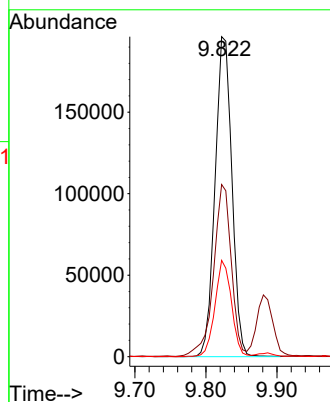
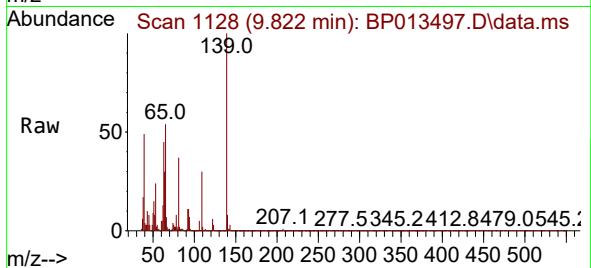
Tgt Ion:139 Resp: 323317

Ion Ratio Lower Upper

139 100

65 53.8 43.0 64.6

109 30.1 23.4 35.2



#26

2,4-Dimethylphenol

Concen: 19.693 ng/ul

RT: 9.881 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

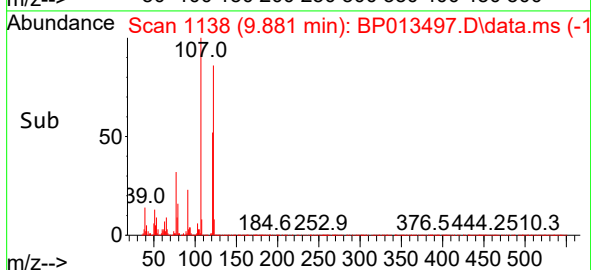
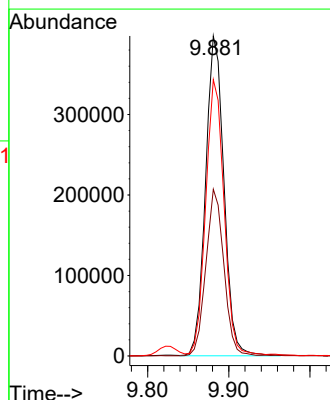
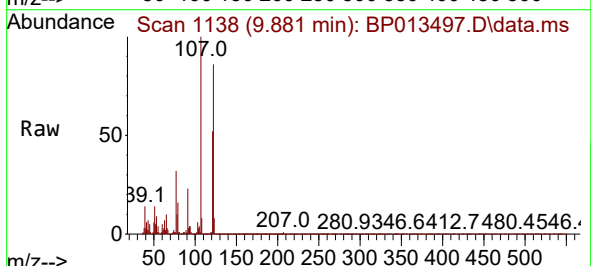
Tgt Ion:107 Resp: 623856

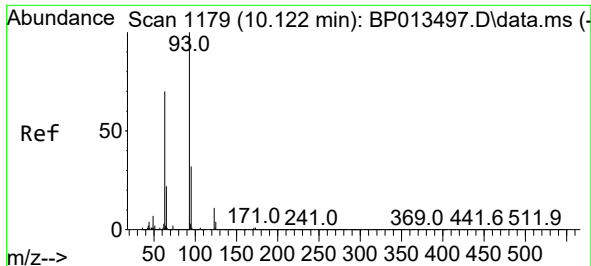
Ion Ratio Lower Upper

107 100

121 52.1 39.9 59.9

122 86.3 68.3 102.5

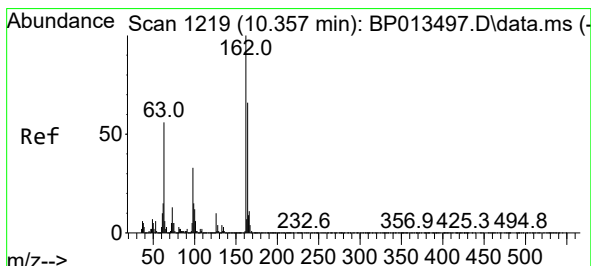
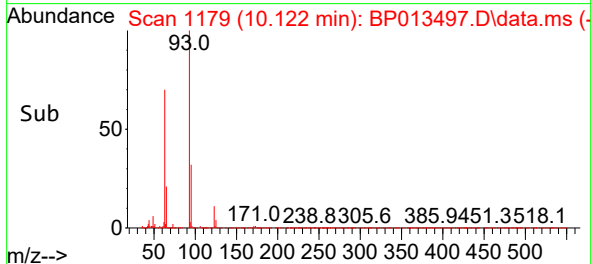
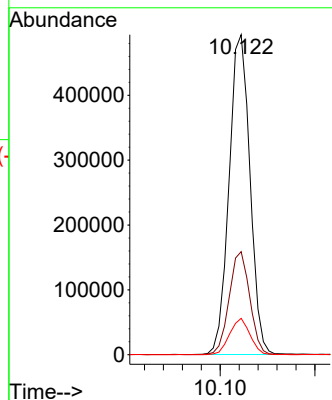
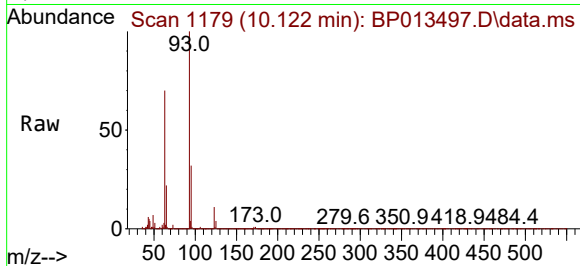




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.623 ng/ul
 RT: 10.122 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BP013497.D
 Acq: 17 Jan 2023 16:14

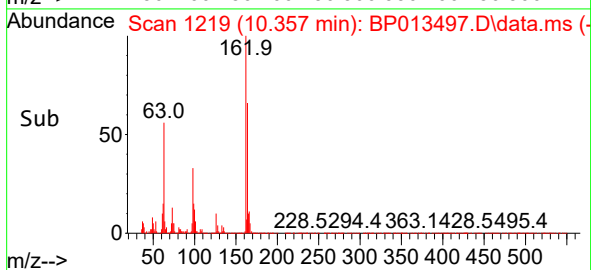
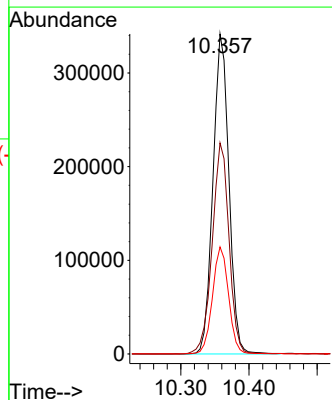
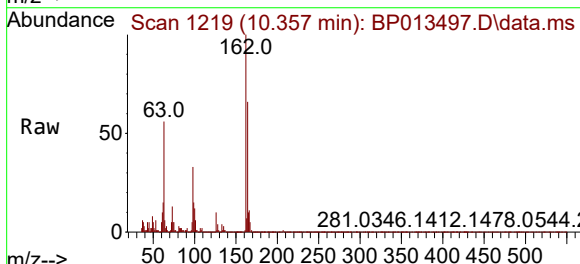
Instrument :
 BNA_P
 ClientSampleId :

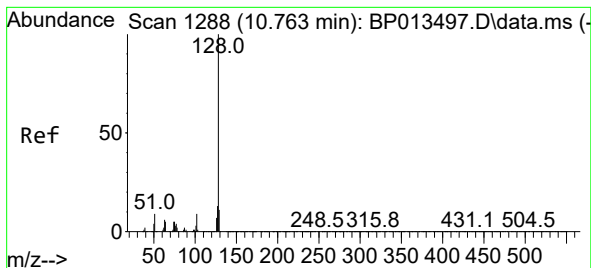
Tgt Ion: 93 Resp: 755759
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.3 37.9
 123 11.3 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 19.956 ng/ul
 RT: 10.357 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP013497.D
 Acq: 17 Jan 2023 16:14

Tgt Ion:162 Resp: 555718
 Ion Ratio Lower Upper
 162 100
 164 66.0 51.9 77.9
 98 33.5 27.1 40.7

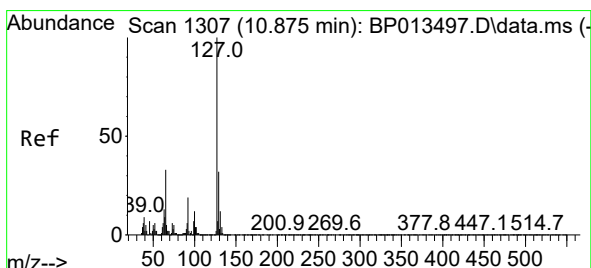
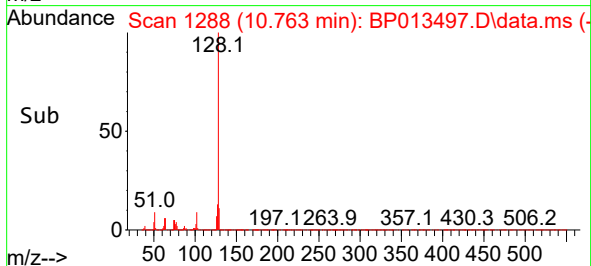
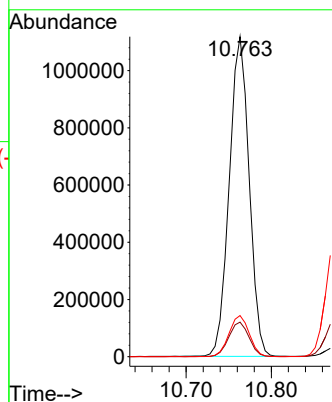
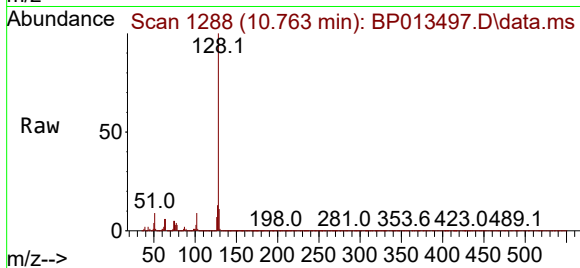




#30
Naphthalene
Concen: 19.007 ng/ul
RT: 10.763 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

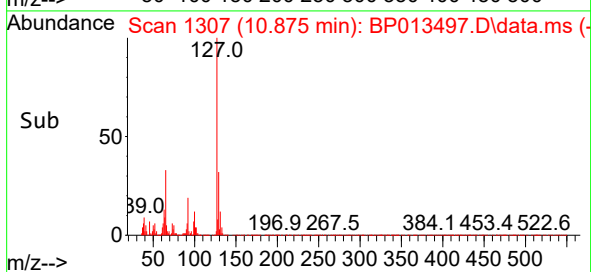
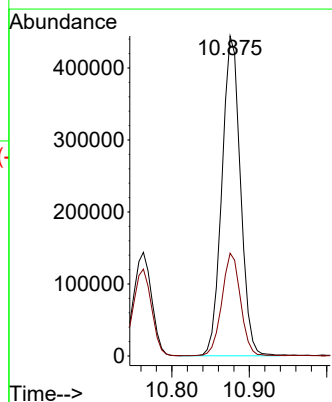
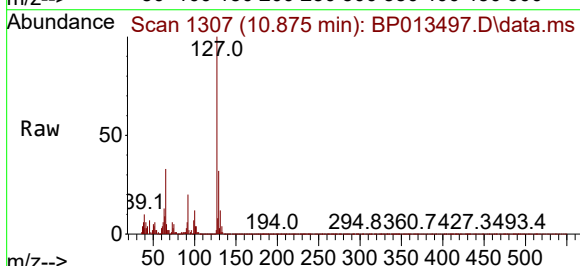
Instrument :
BNA_P
ClientSampleId :

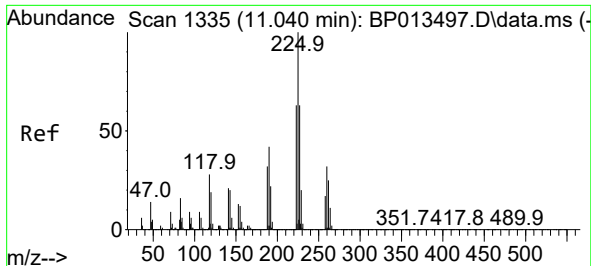
Tgt Ion:128 Resp: 1811789
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 18.764 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:127 Resp: 739751
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1

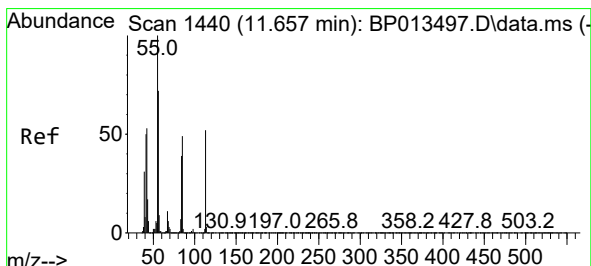
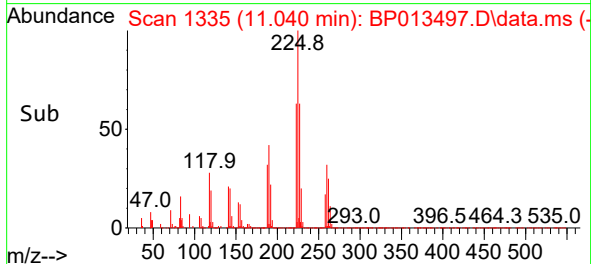
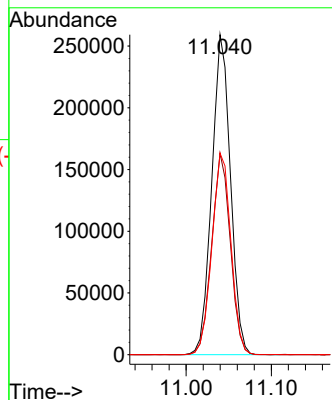
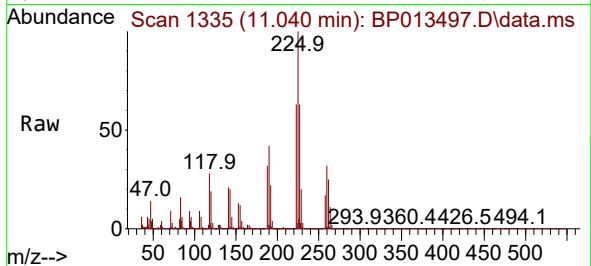




#33
Hexachlorobutadiene
Concen: 19.712 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

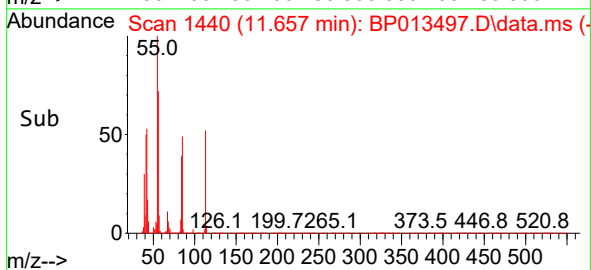
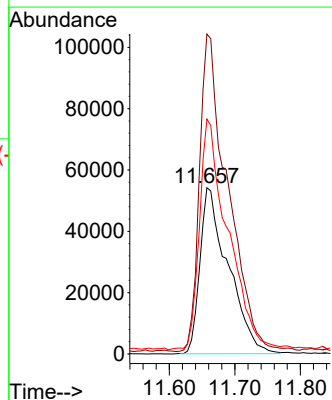
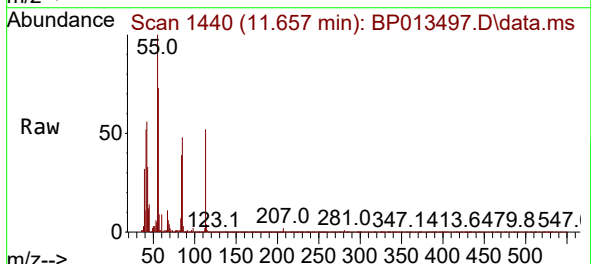
Instrument :
BNA_P
ClientSampleId :

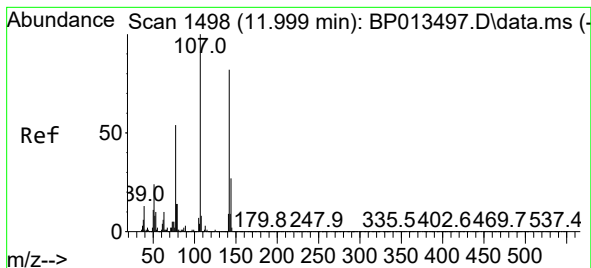
Tgt Ion:225 Resp: 394164
Ion Ratio Lower Upper
225 100
223 62.9 48.8 73.2
227 63.0 50.6 76.0



#34
Caprolactam
Concen: 19.561 ng/ul
RT: 11.657 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:113 Resp: 162050
Ion Ratio Lower Upper
113 100
55 192.5 156.4 234.6
56 141.3 117.1 175.7

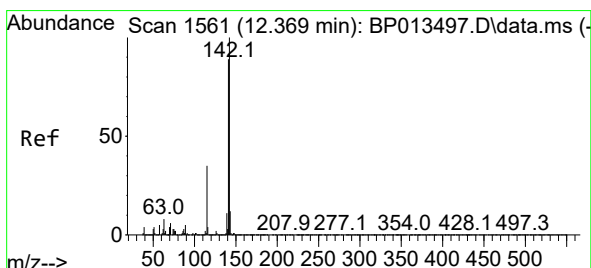
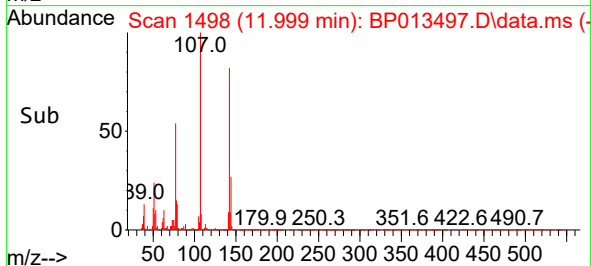
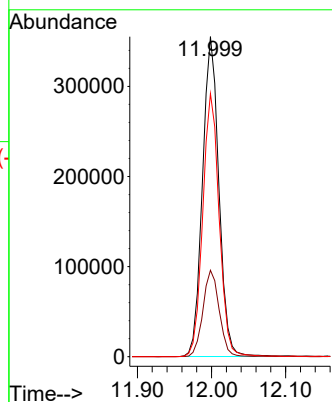
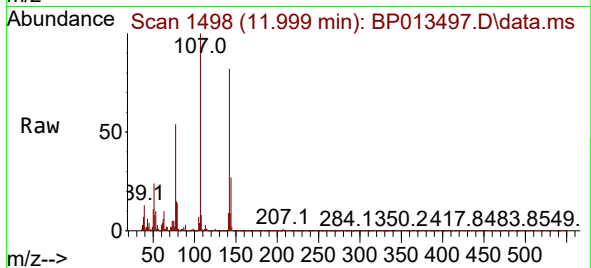




#35
4-Chloro-3-methylphenol
Concen: 20.338 ng/ul
RT: 11.999 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

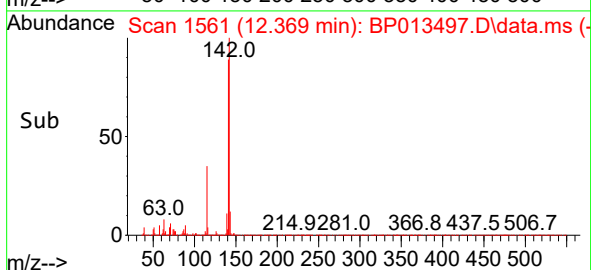
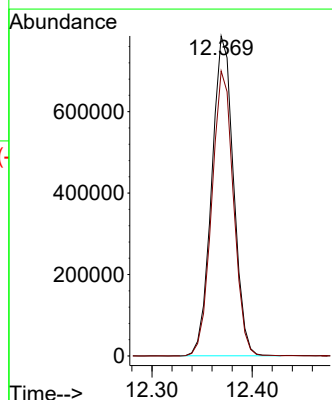
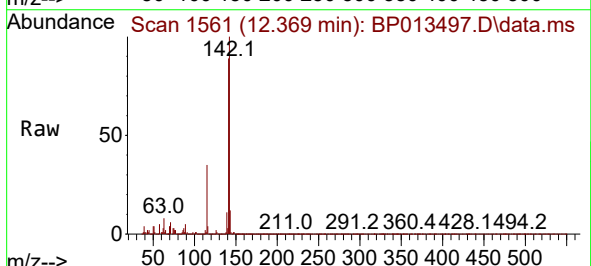
Instrument :
BNA_P
ClientSampleId :

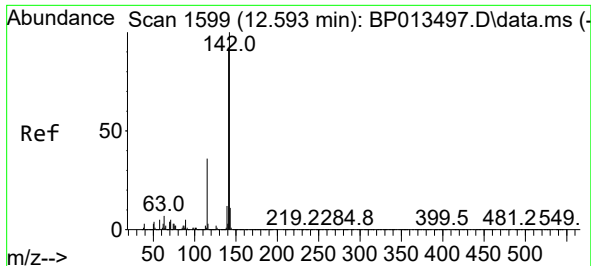
Tgt Ion:107 Resp: 546580
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 82.2 64.8 97.2



#36
2-Methylnaphthalene
Concen: 19.454 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:142 Resp: 1185972
Ion Ratio Lower Upper
142 100
141 89.0 69.7 104.5

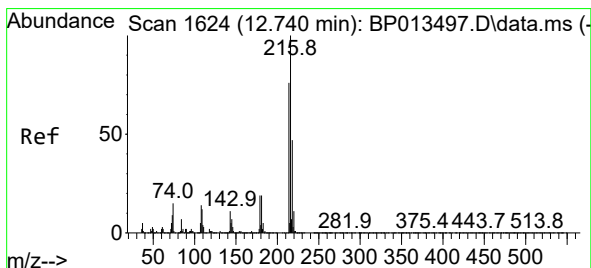
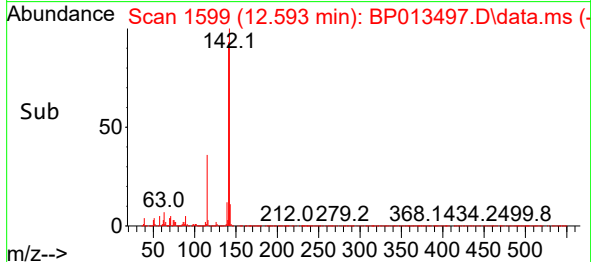
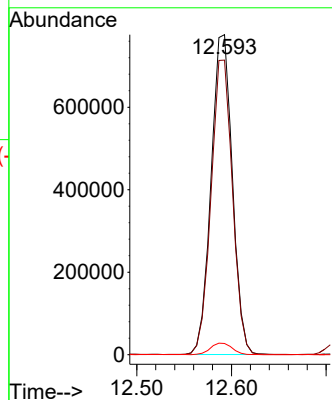
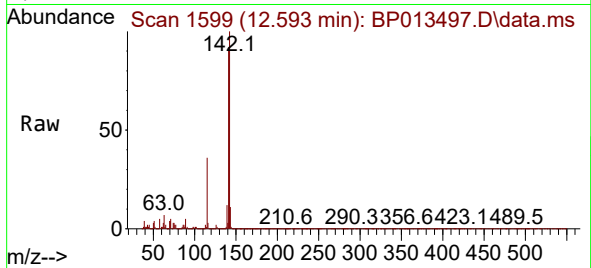




#37
1-Methylnaphthalene
Concen: 19.116 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

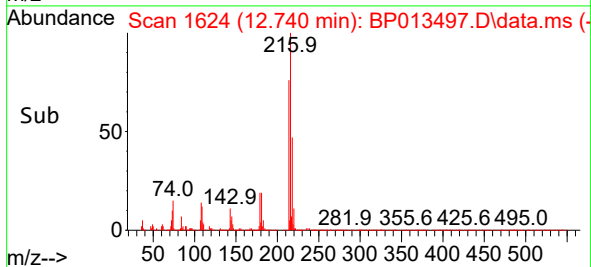
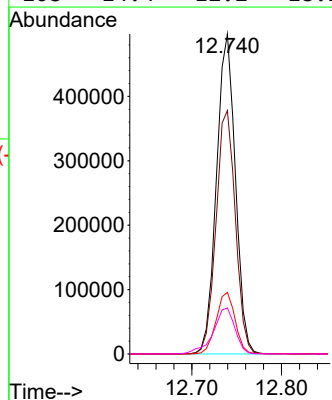
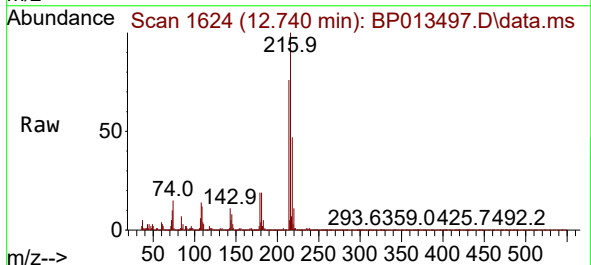
Instrument :
BNA_P
ClientSampleId :

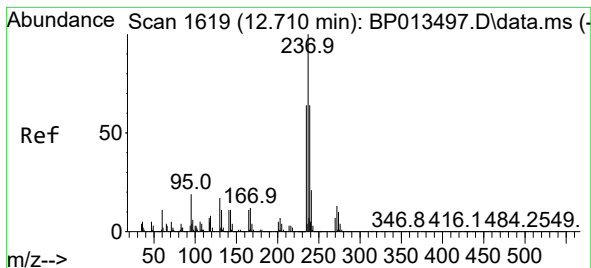
Tgt Ion:142 Resp: 1208800
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4
116 3.5 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.284 ng/ul
RT: 12.740 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:216 Resp: 726623
Ion Ratio Lower Upper
216 100
214 76.0 62.8 94.2
179 19.3 15.1 22.7
108 14.4 12.2 18.2

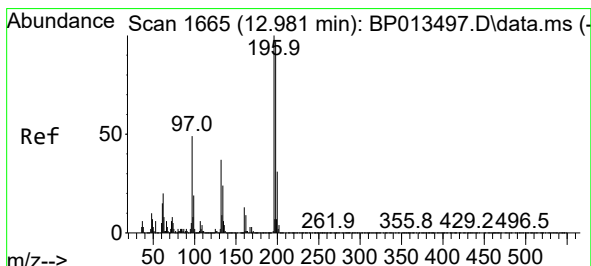
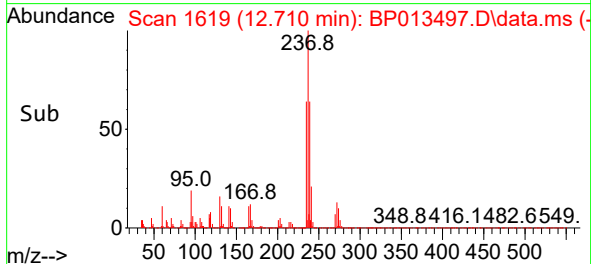
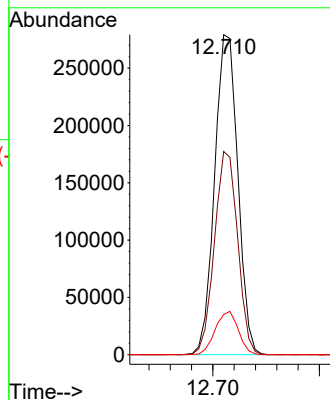
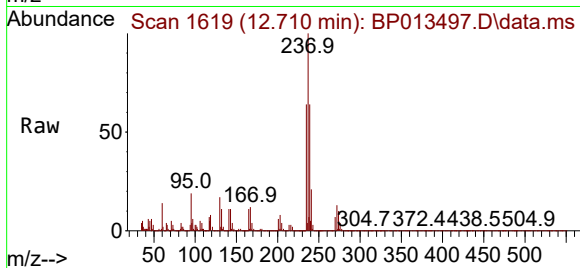




#40
Hexachlorocyclopentadiene
Concen: 18.627 ng/ul
RT: 12.710 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

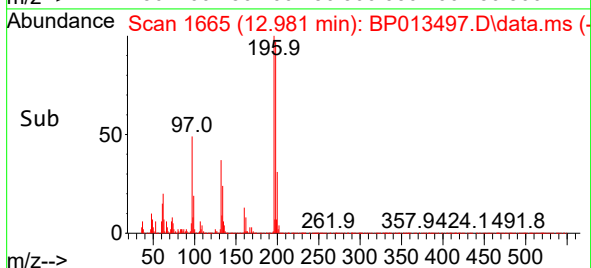
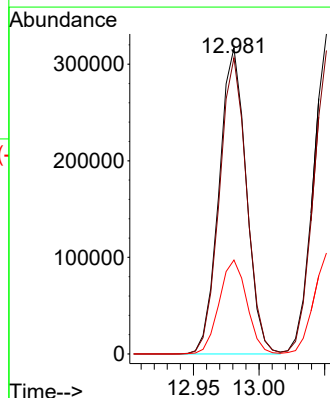
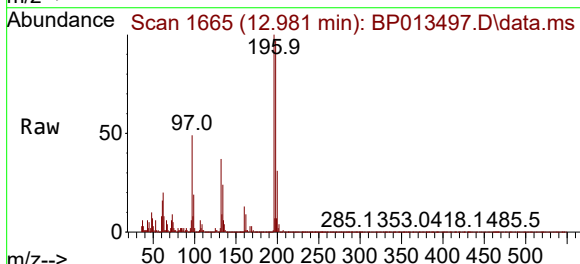
Instrument :
BNA_P
ClientSampleId :

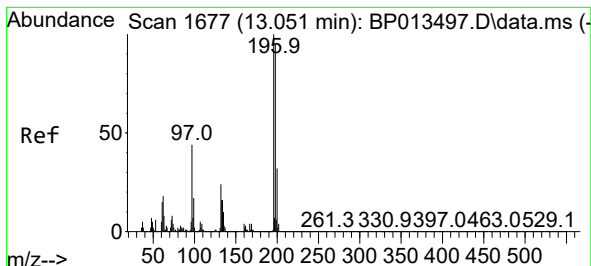
Tgt Ion:237 Resp: 422251
Ion Ratio Lower Upper
237 100
235 63.5 50.8 76.2
272 12.5 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 20.592 ng/ul
RT: 12.981 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:196 Resp: 456432
Ion Ratio Lower Upper
196 100
198 96.8 77.9 116.9
200 30.7 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 20.309 ng/ul

RT: 13.051 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

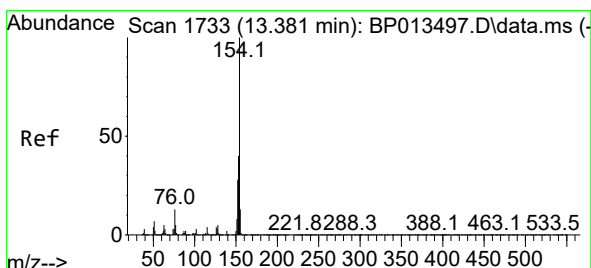
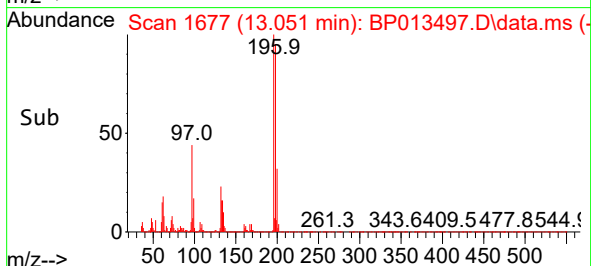
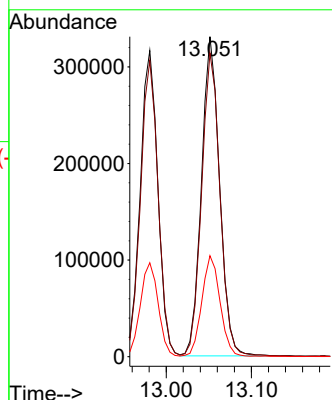
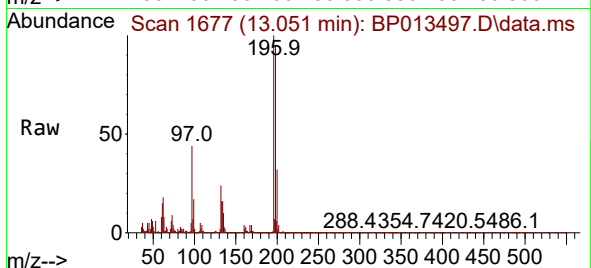
Tgt Ion:196 Resp: 489872

Ion Ratio Lower Upper

196 100

198 94.8 76.0 114.0

200 31.6 24.4 36.6



#43

1,1'-Biphenyl

Concen: 19.161 ng/ul

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

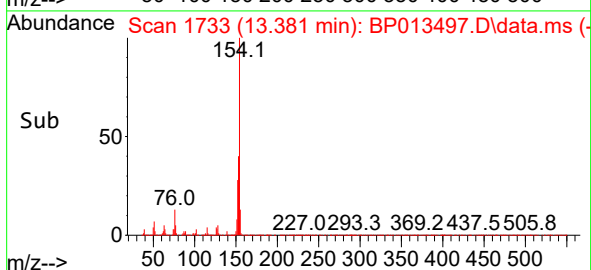
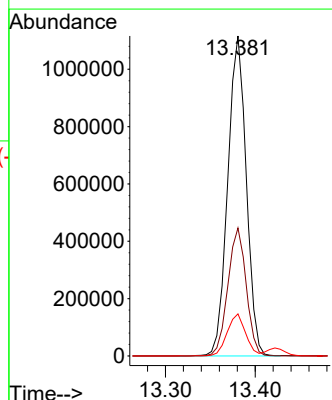
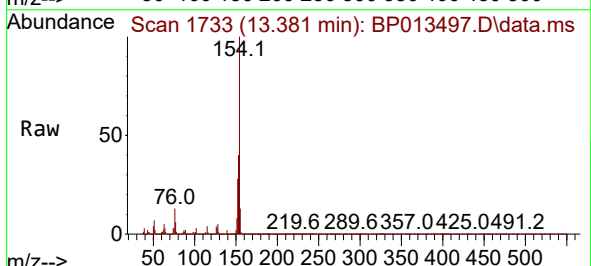
Tgt Ion:154 Resp: 1598909

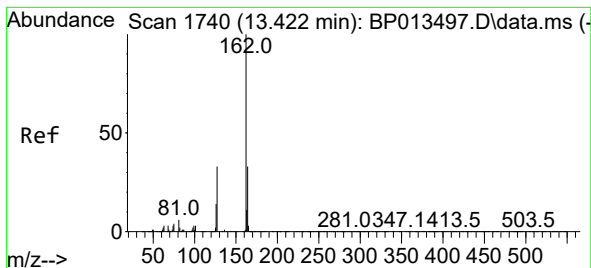
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

76 13.2 10.3 15.5





#44

2-Chloronaphthalene

Concen: 18.939 ng/ul

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

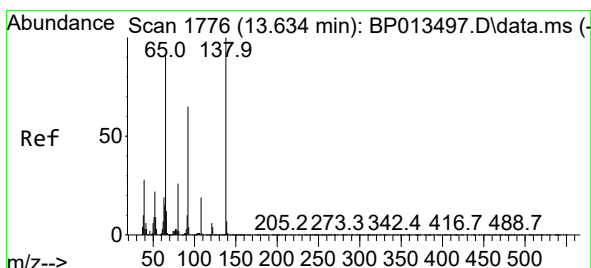
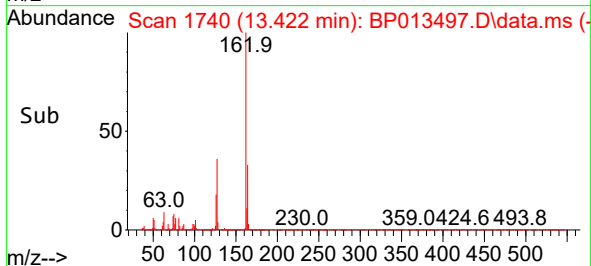
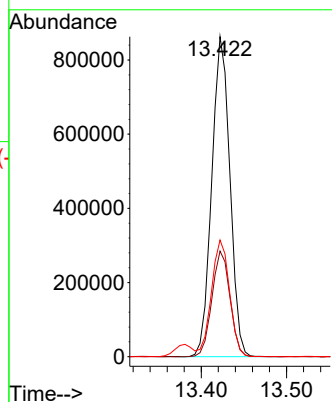
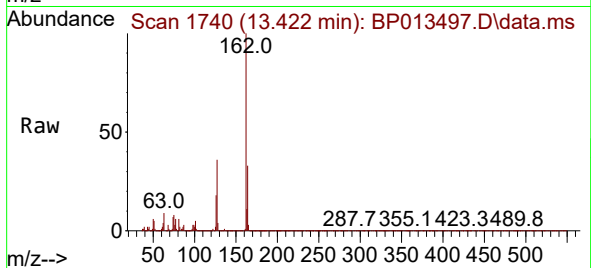
Tgt Ion:162 Resp: 1275269

Ion Ratio Lower Upper

162 100

164 33.0 26.4 39.6

127 36.5 28.9 43.3



#45

2-Nitroaniline

Concen: 21.475 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

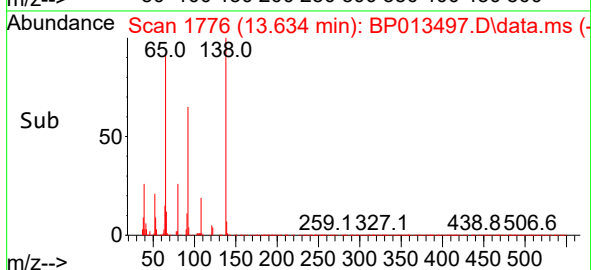
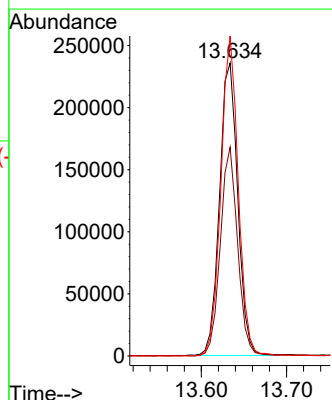
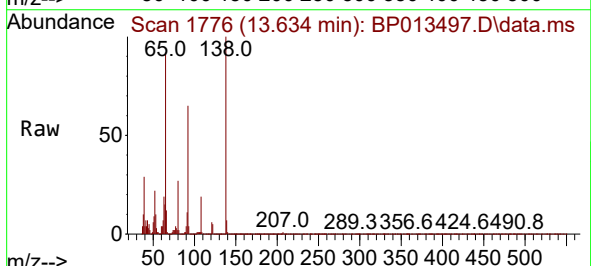
Tgt Ion: 65 Resp: 349926

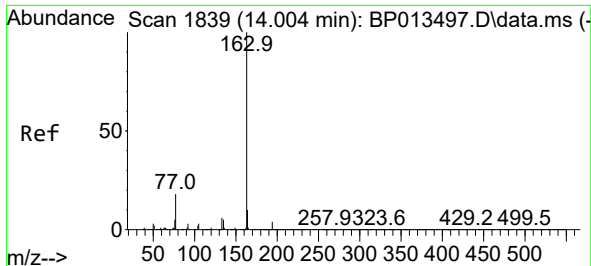
Ion Ratio Lower Upper

65 100

92 71.3 53.5 80.3

138 109.2 79.4 119.0

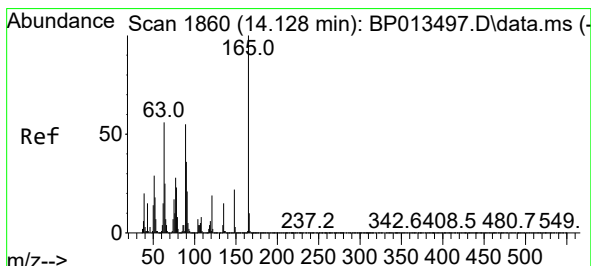
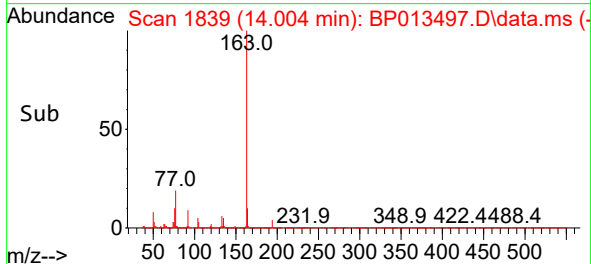
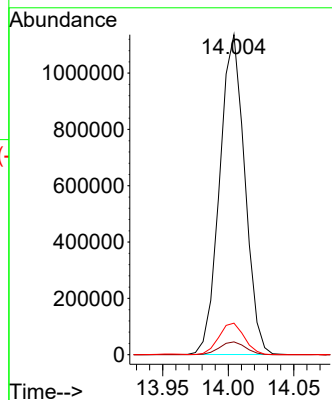
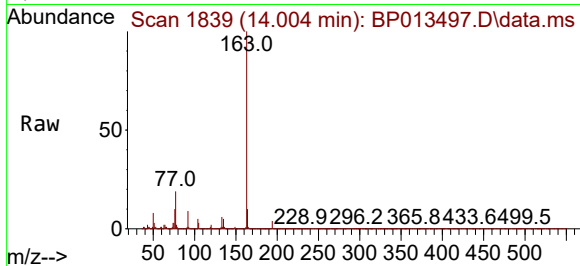




#47
Dimethylphthalate
Concen: 18.908 ng/ul
RT: 14.004 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

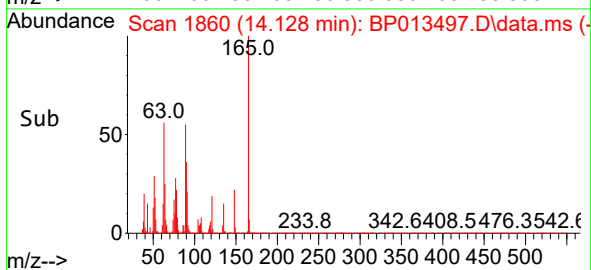
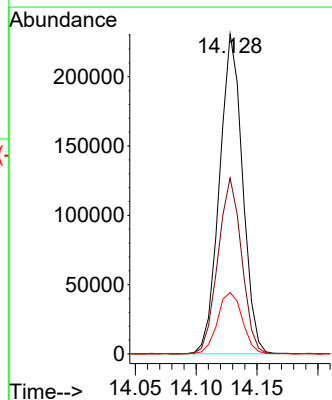
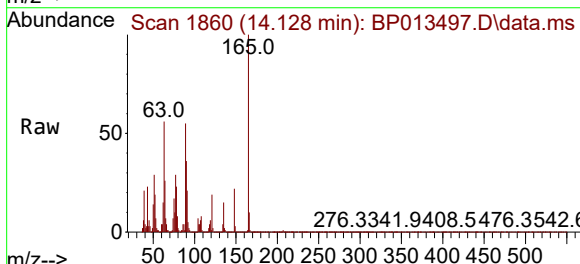
Instrument :
BNA_P
ClientSampleId :

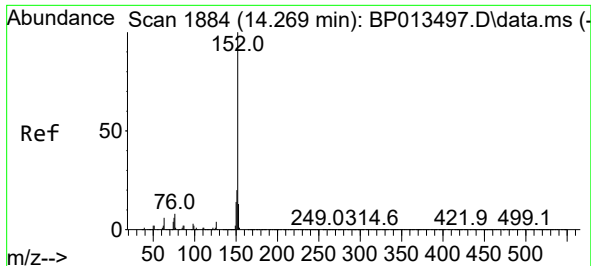
Tgt Ion:163 Resp: 1512720
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.9 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 21.976 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:165 Resp: 304461
Ion Ratio Lower Upper
165 100
89 55.0 47.1 70.7
121 19.2 17.3 25.9

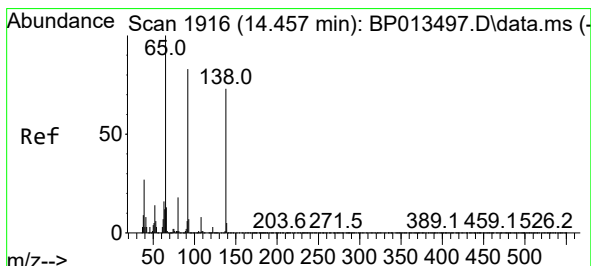
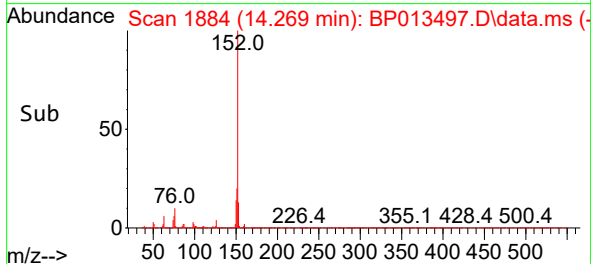
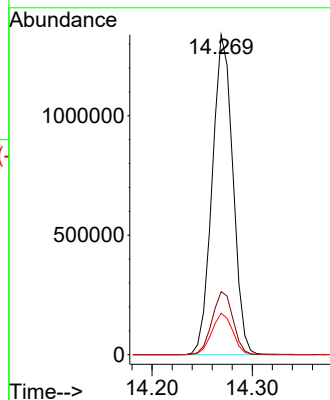
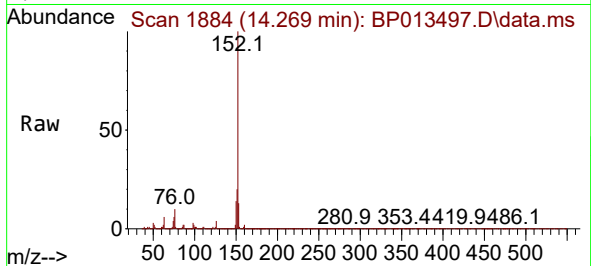




#50
Acenaphthylene
Concen: 19.679 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

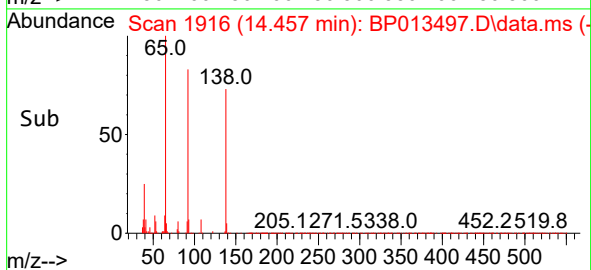
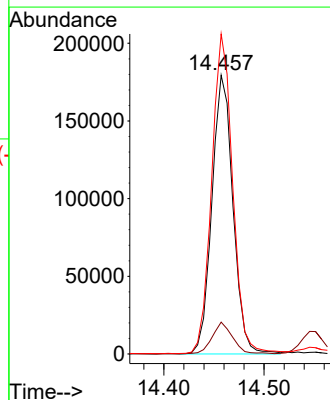
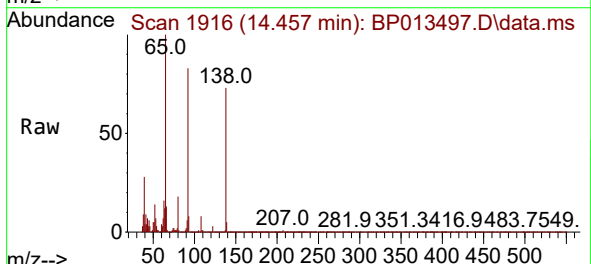
Instrument :
BNA_P
ClientSampleId :

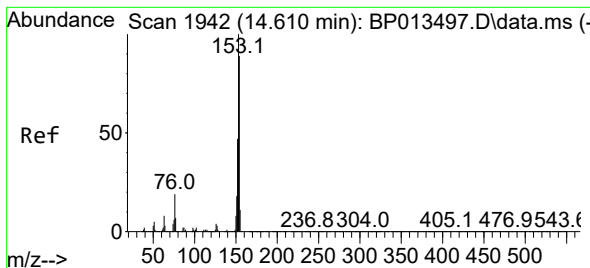
Tgt Ion:152 Resp: 1922371
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 17.894 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:138 Resp: 262575
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 114.8 95.0 142.4





#52

Acenaphthene

Concen: 18.720 ng/ul

RT: 14.610 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

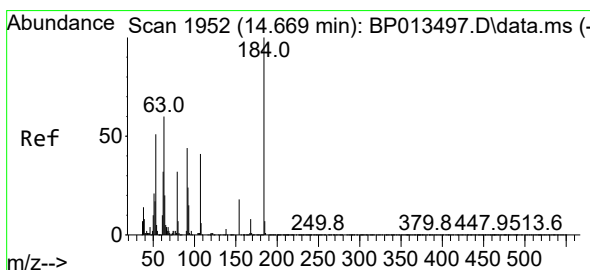
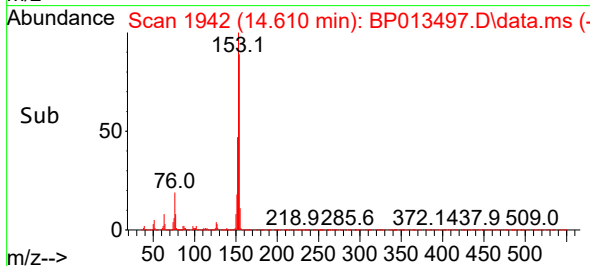
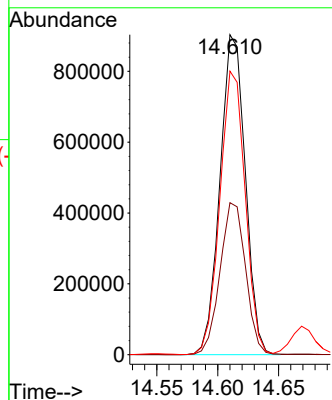
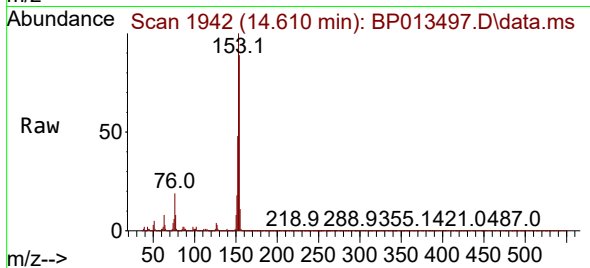
Tgt Ion:153 Resp: 1308865

Ion Ratio Lower Upper

153 100

152 47.5 38.4 57.6

154 88.6 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 18.391 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

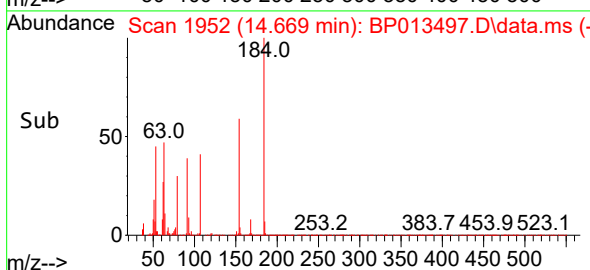
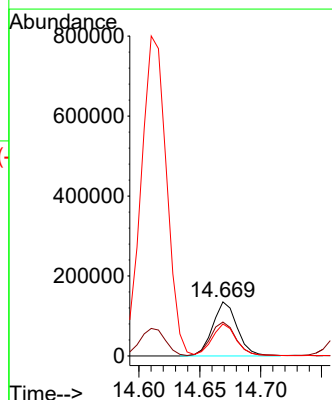
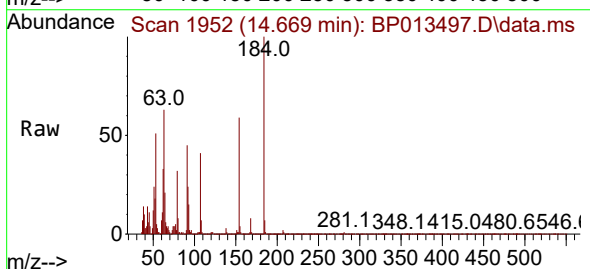
Tgt Ion:184 Resp: 189658

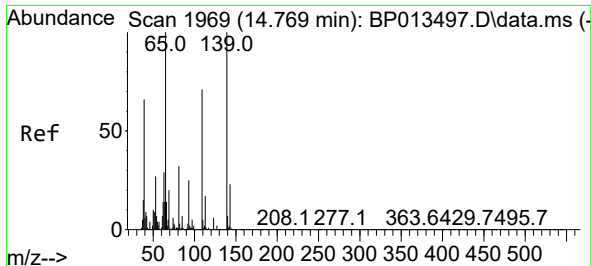
Ion Ratio Lower Upper

184 100

63 62.8 54.3 81.5

154 59.4 49.1 73.7

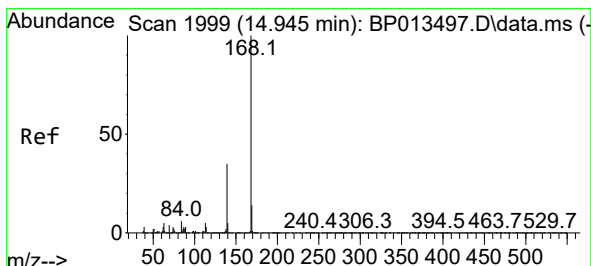
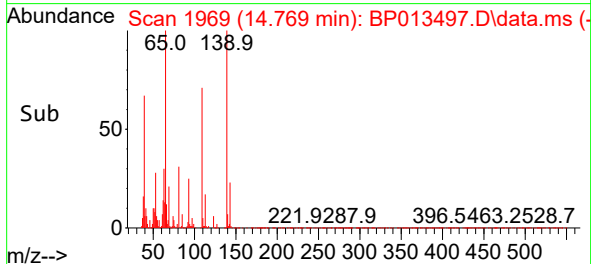
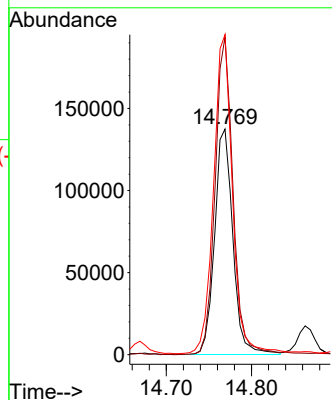
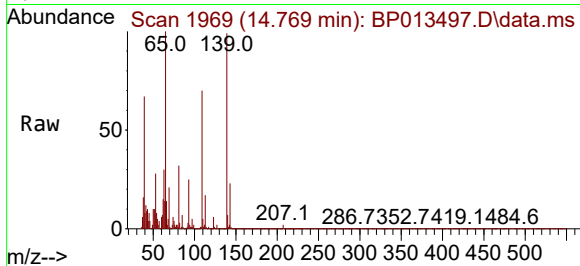




#55
4-Nitrophenol
Concen: 18.369 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

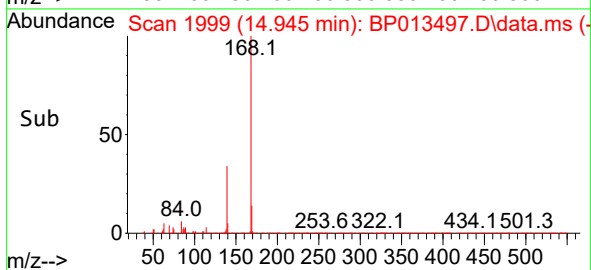
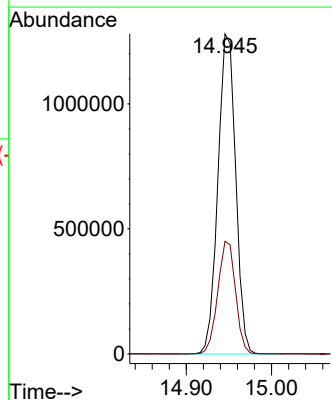
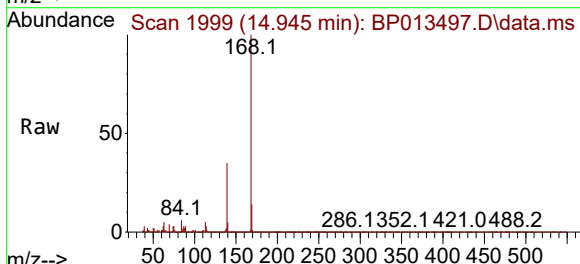
Instrument :
BNA_P
ClientSampleId :

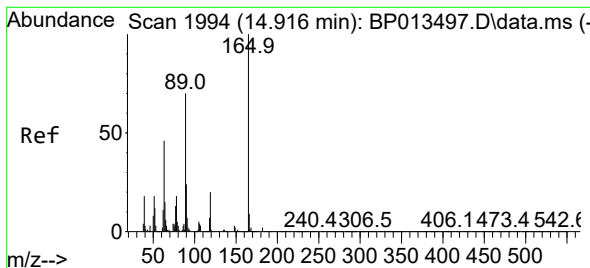
Tgt Ion:109 Resp: 204641
Ion Ratio Lower Upper
109 100
139 140.8 109.2 163.8
65 141.9 116.6 174.8



#56
Dibenzofuran
Concen: 18.446 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:168 Resp: 1852284
Ion Ratio Lower Upper
168 100
139 35.2 27.4 41.2

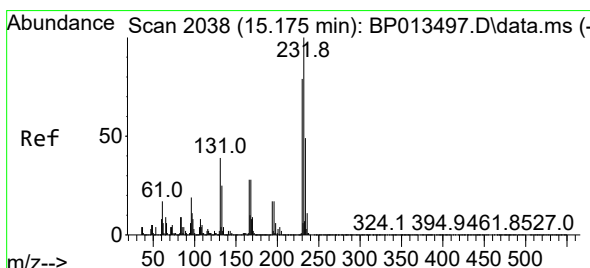
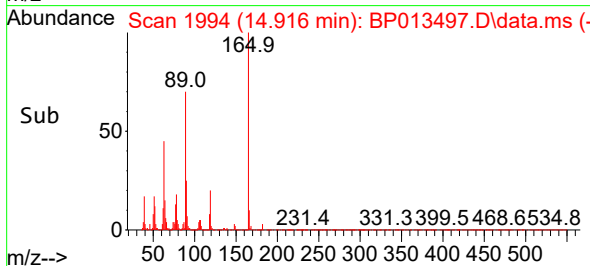
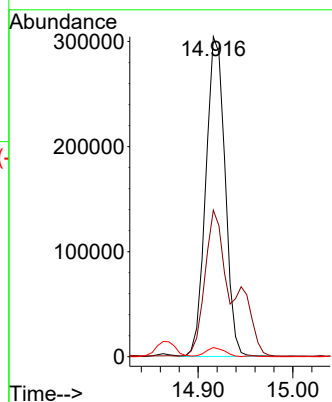
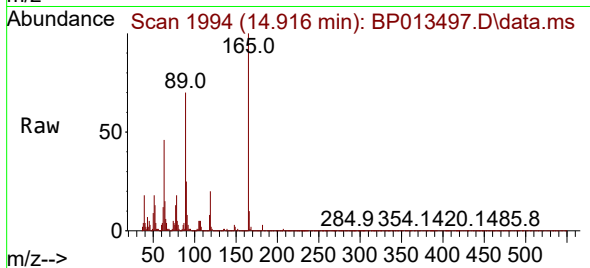




#57
2,4-Dinitrotoluene
Concen: 20.758 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

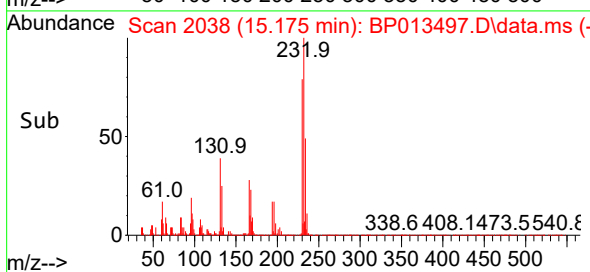
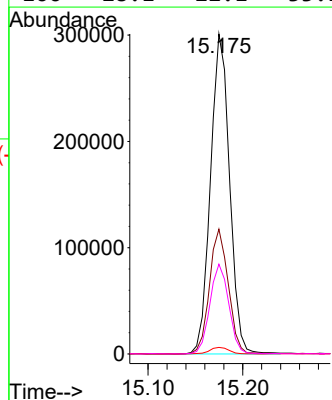
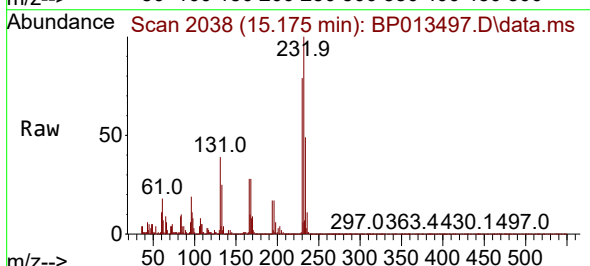
Instrument :
BNA_P
ClientSampleId :

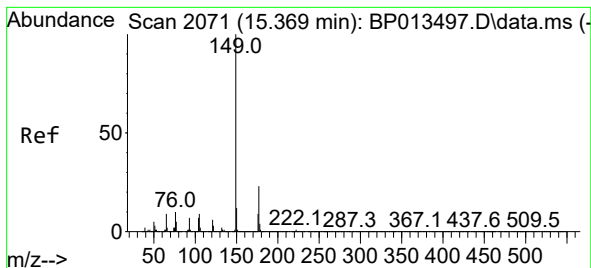
Tgt Ion:165 Resp: 427475
Ion Ratio Lower Upper
165 100
63 45.8 37.3 55.9
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.023 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:232 Resp: 421326
Ion Ratio Lower Upper
232 100
131 39.0 30.7 46.1
130 2.1 1.7 2.5
166 28.1 22.1 33.1





#59

Diethylphthalate

Concen: 19.235 ng/ul

RT: 15.369 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

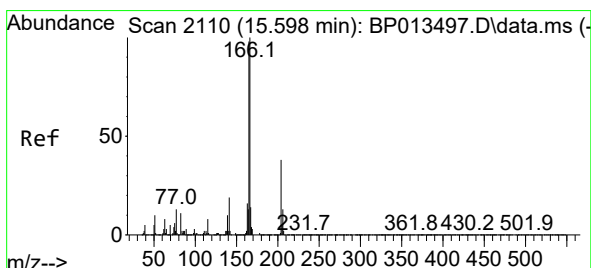
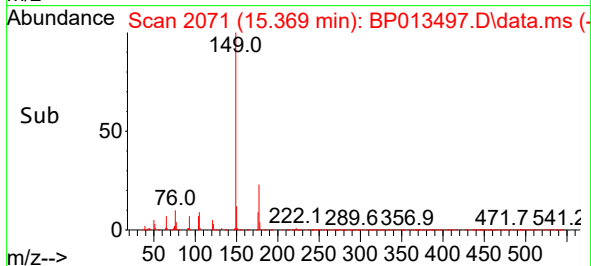
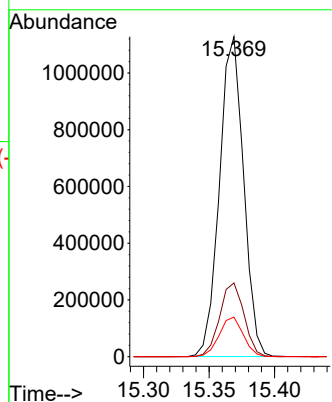
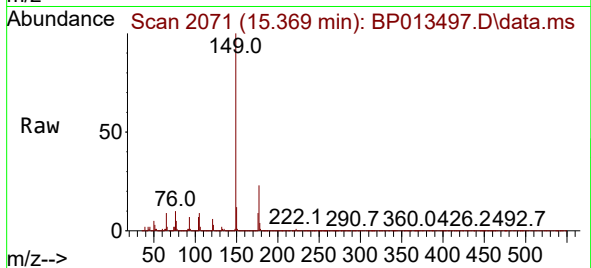
Tgt Ion:149 Resp: 1440310

Ion Ratio Lower Upper

149 100

177 23.0 18.9 28.3

150 12.4 9.9 14.9



#61

Fluorene

Concen: 18.701 ng/ul

RT: 15.598 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

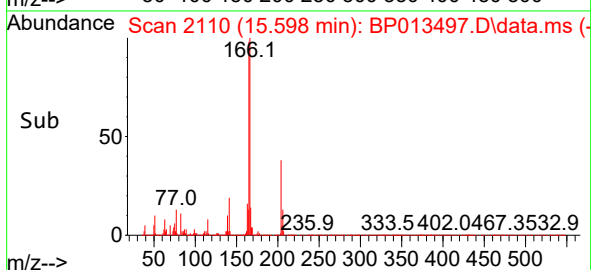
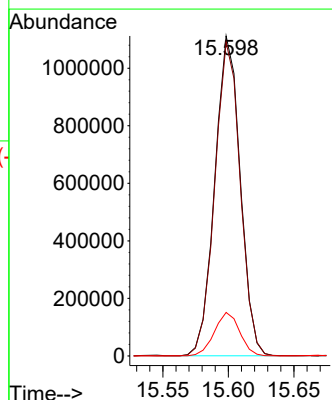
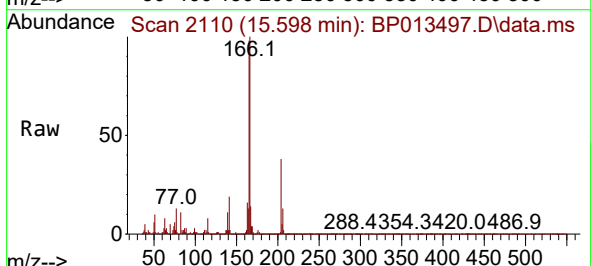
Tgt Ion:166 Resp: 1498939

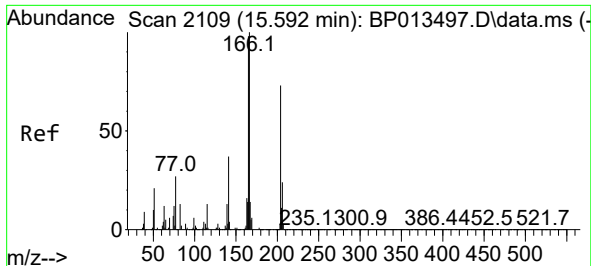
Ion Ratio Lower Upper

166 100

165 98.1 78.0 117.0

167 13.6 10.8 16.2

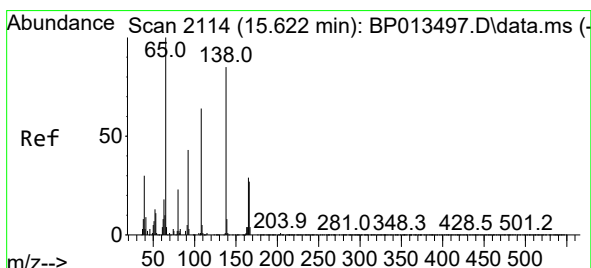
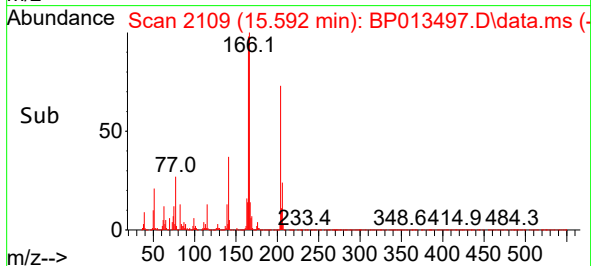
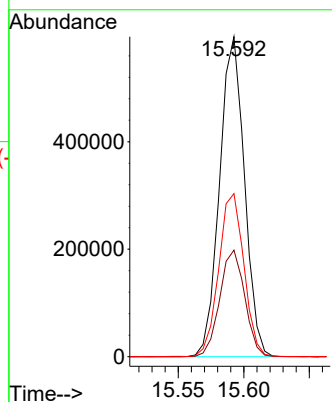
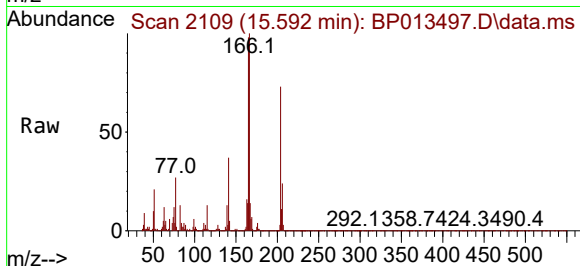




#62
4-Chlorophenyl-phenylether
Concen: 18.724 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

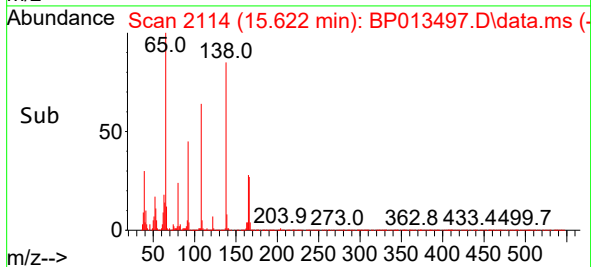
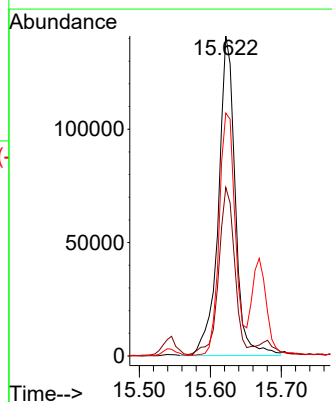
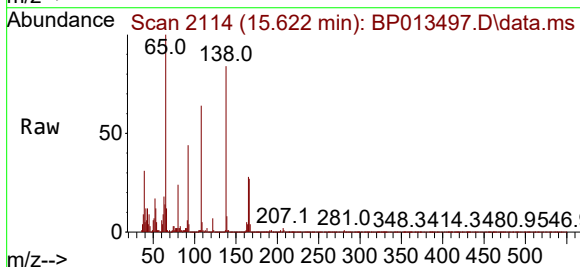
Instrument :
BNA_P
ClientSampleId :

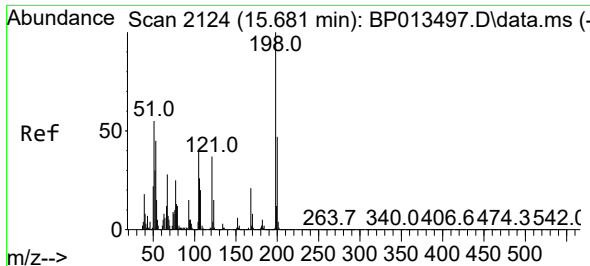
Tgt Ion:204 Resp: 783729
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 50.9 39.3 58.9



#63
4-Nitroaniline
Concen: 17.019 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:138 Resp: 230907
Ion Ratio Lower Upper
138 100
92 52.6 43.1 64.7
108 75.9 63.6 95.4

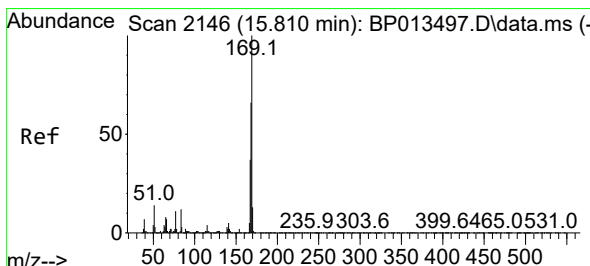
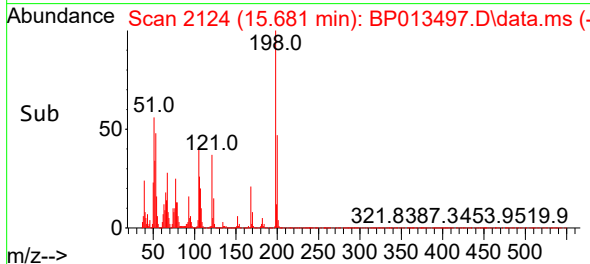
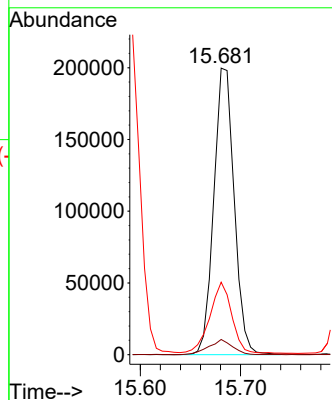
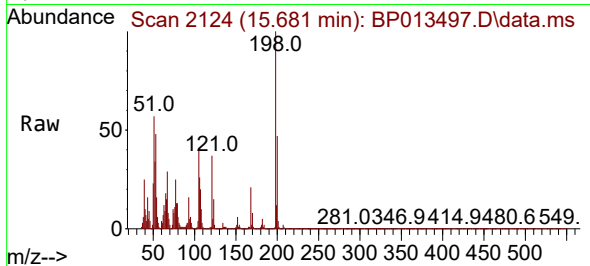




#66
4,6-Dinitro-2-methylphenol
Concen: 19.206 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

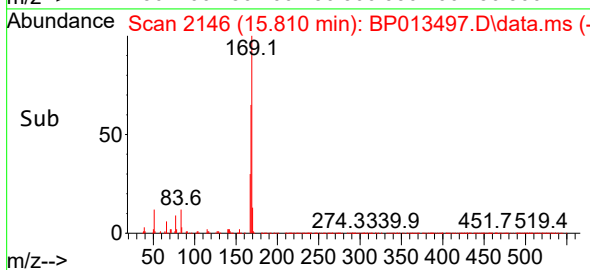
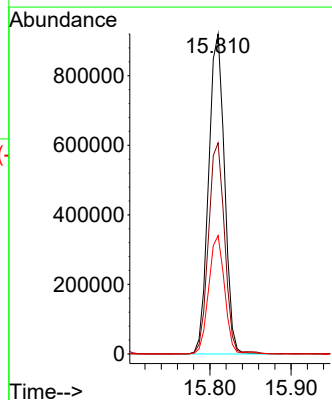
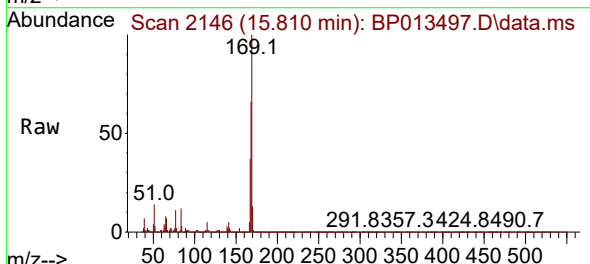
Instrument :
BNA_P
ClientSampleId :

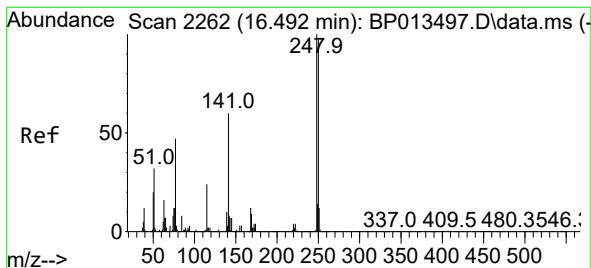
Tgt Ion:198 Resp: 281891
Ion Ratio Lower Upper
198 100
182 5.3 4.8 7.2
77 25.3 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 19.727 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:169 Resp: 1251150
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 37.0 29.3 43.9

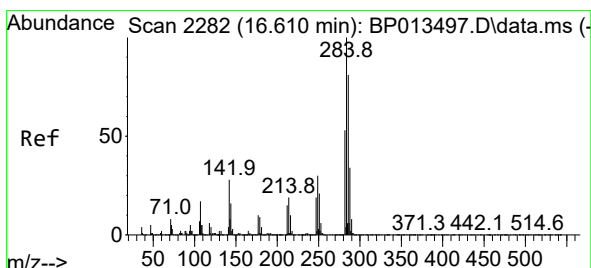
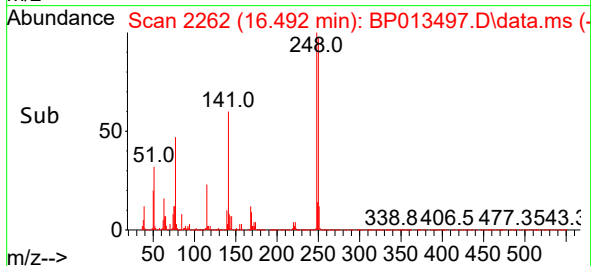
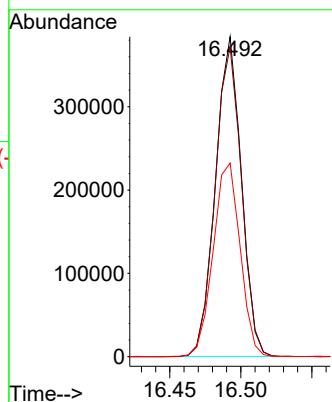
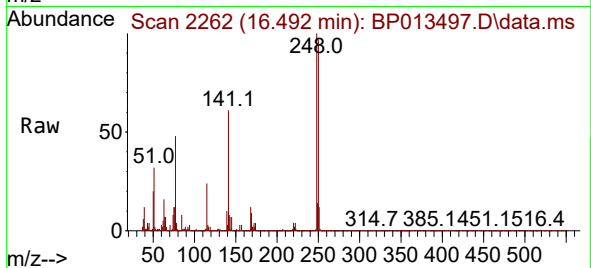




#68
4-Bromophenyl-phenylether
Concen: 20.091 ng/ul
RT: 16.492 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

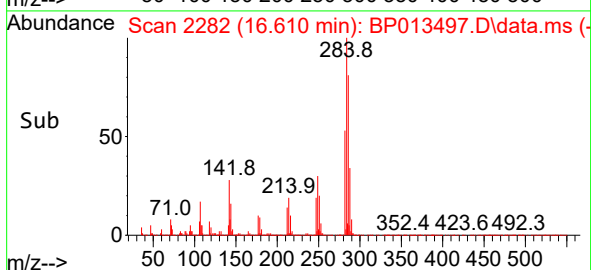
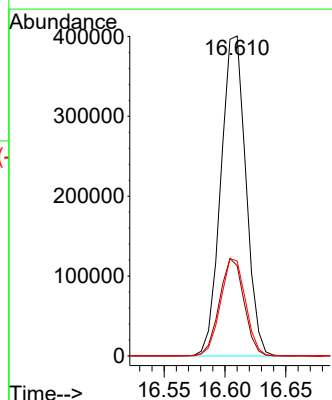
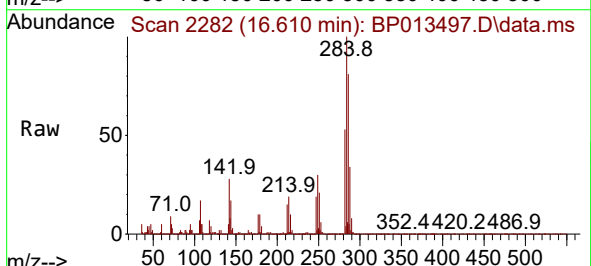
Instrument :
BNA_P
ClientSampleId :

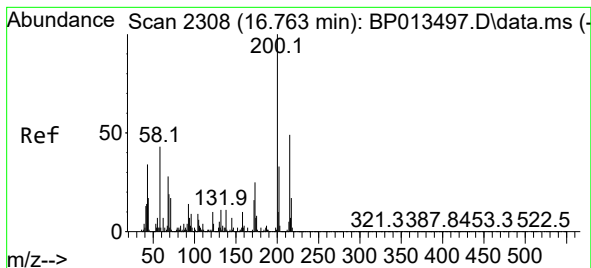
Tgt Ion:248 Resp: 488028
Ion Ratio Lower Upper
248 100
250 96.9 78.5 117.7
141 60.5 53.0 79.4



#69
Hexachlorobenzene
Concen: 19.500 ng/ul
RT: 16.610 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:284 Resp: 571134
Ion Ratio Lower Upper
284 100
142 28.2 24.8 37.2
249 29.6 24.1 36.1





#70

Atrazine

Concen: 19.740 ng/ul

RT: 16.763 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

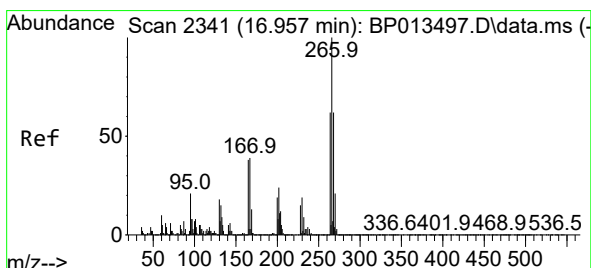
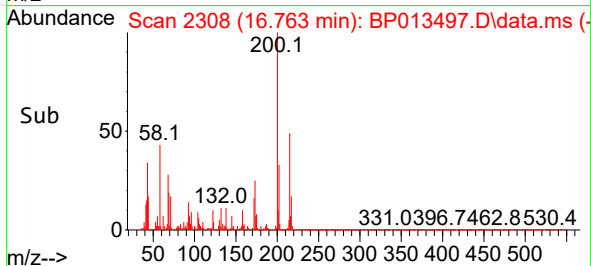
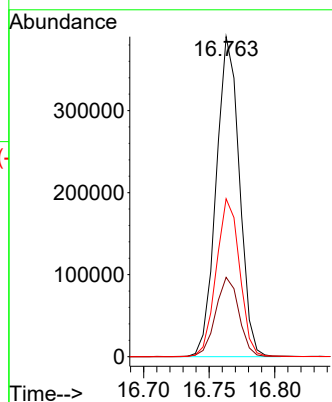
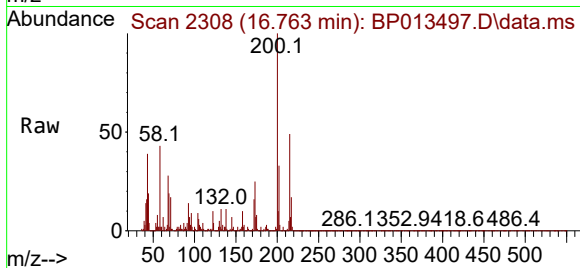
Tgt Ion:200 Resp: 478632

Ion Ratio Lower Upper

200 100

173 24.8 19.2 28.8

215 49.4 39.0 58.4



#71

Pentachlorophenol

Concen: 19.117 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

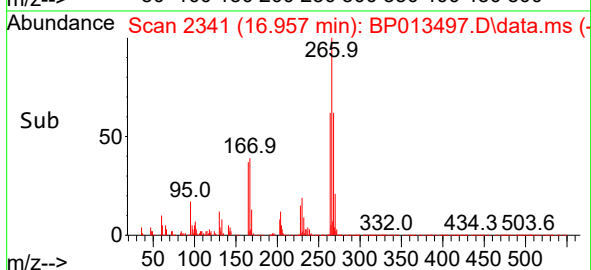
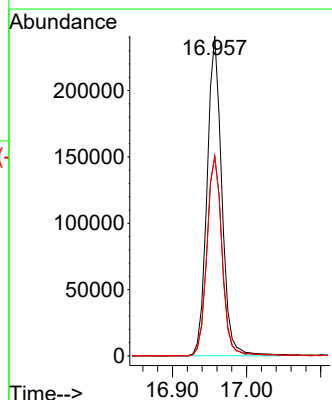
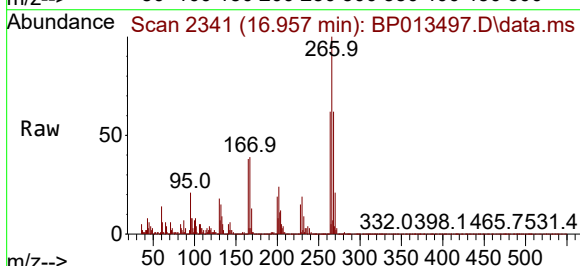
Tgt Ion:266 Resp: 333284

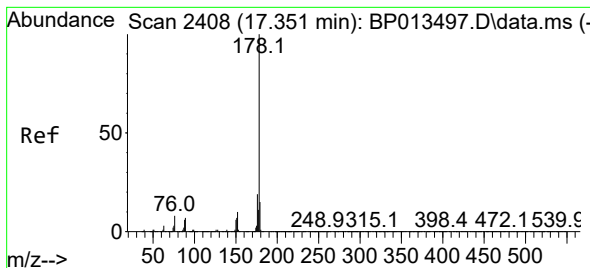
Ion Ratio Lower Upper

266 100

264 62.4 49.7 74.5

268 62.4 49.4 74.0





#72

Phenanthrene

Concen: 18.800 ng/ul

RT: 17.351 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

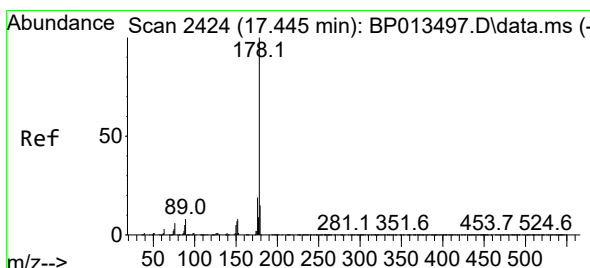
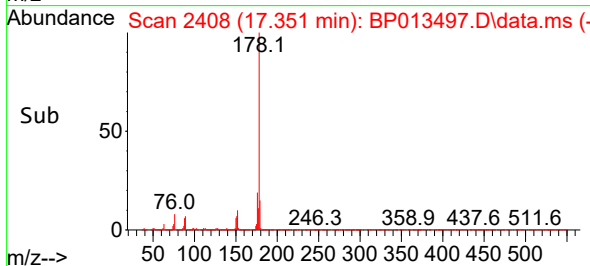
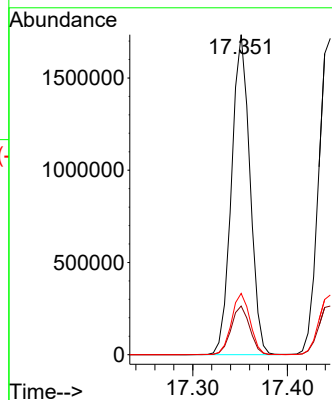
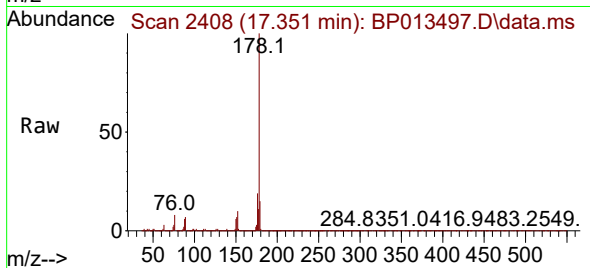
Tgt Ion:178 Resp: 2343824

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.1 15.4 23.0



#74

Anthracene

Concen: 19.272 ng/ul

RT: 17.445 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

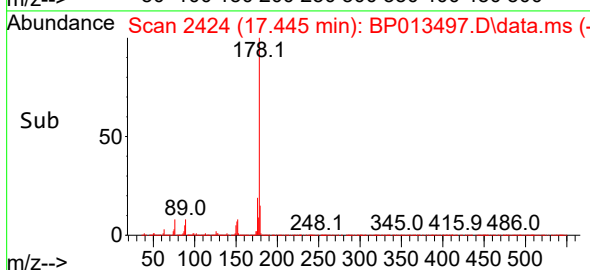
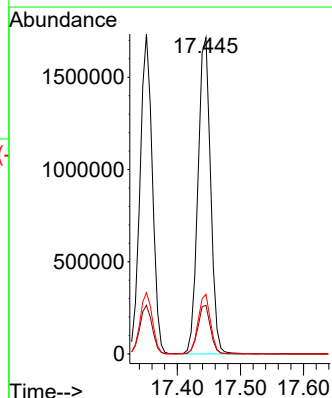
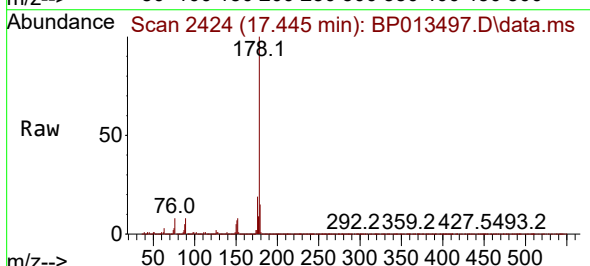
Tgt Ion:178 Resp: 2373421

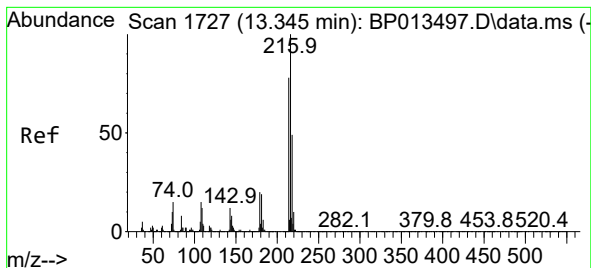
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.9 14.7 22.1

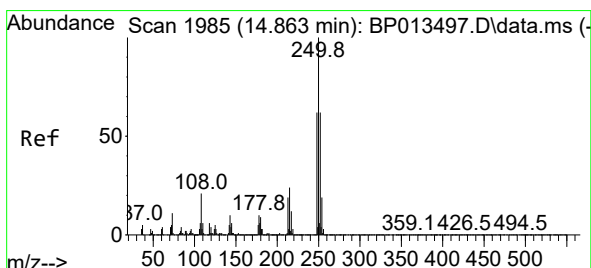
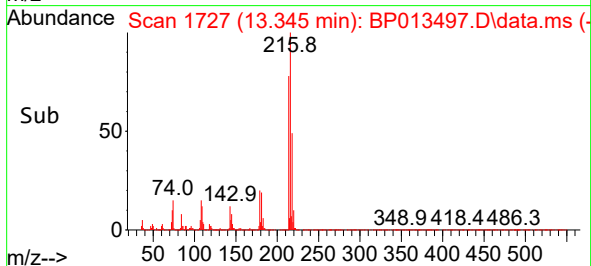
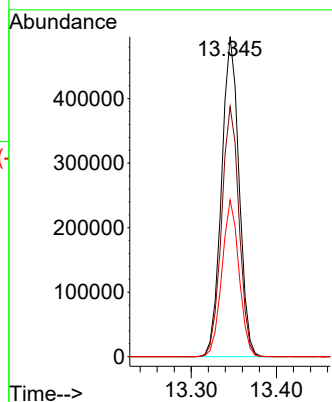
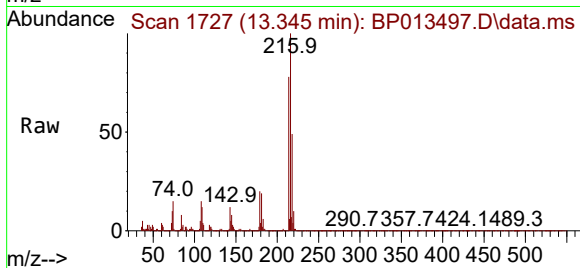




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.967 ng/uL
RT: 13.345 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

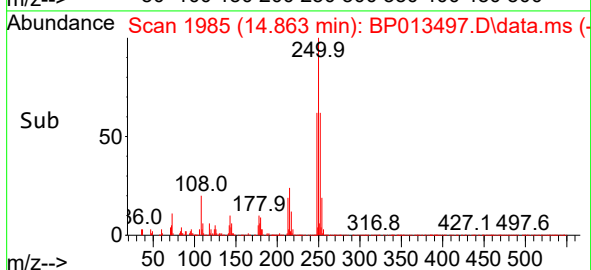
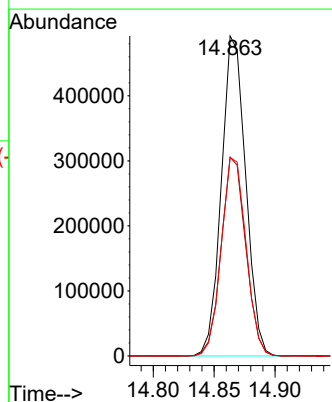
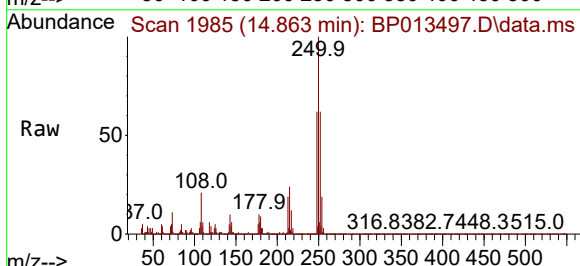
Instrument :
BNA_P
ClientSampleId :

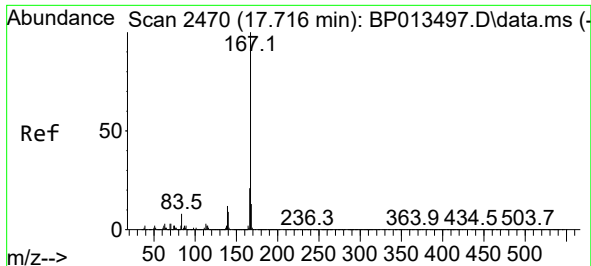
Tgt Ion:216 Resp: 707111
Ion Ratio Lower Upper
216 100
214 78.2 61.7 92.5
218 49.0 38.1 57.1



#76
Pentachlorobenzene
Concen: 19.839 ng/uL
RT: 14.863 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

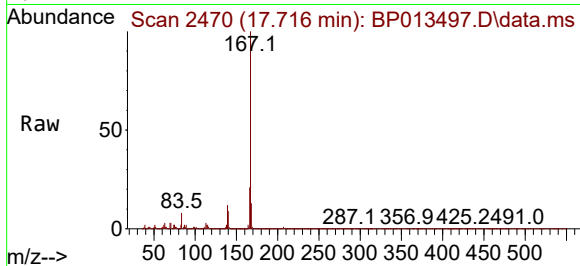
Tgt Ion:250 Resp: 684076
Ion Ratio Lower Upper
250 100
248 62.1 50.0 75.0
252 62.0 51.1 76.7





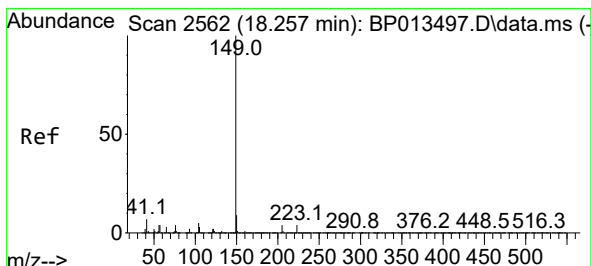
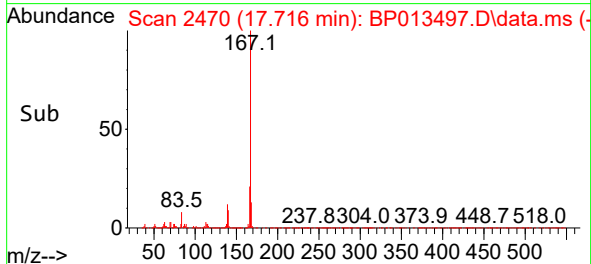
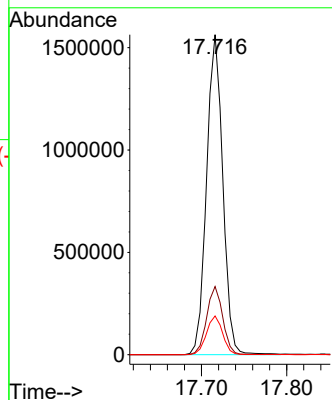
#77
 Carbazole
 Concen: 19.360 ng/ul
 RT: 17.716 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BP013497.D
 Acq: 17 Jan 2023 16:14

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:167 Resp: 2065140

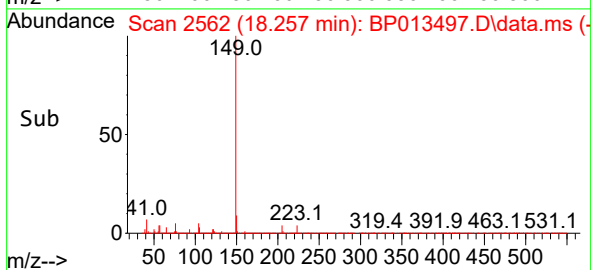
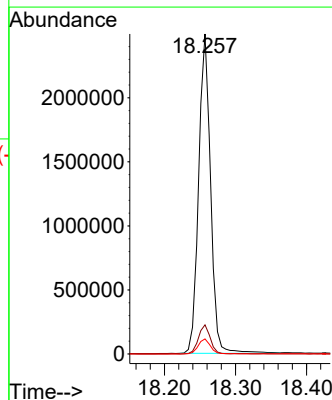
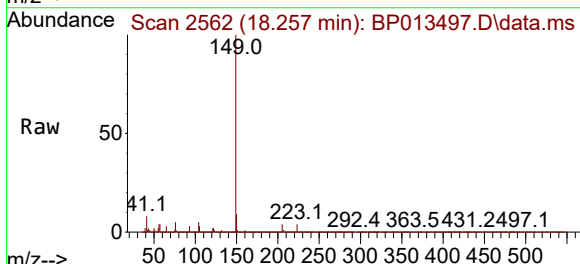
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.1	9.8	14.6

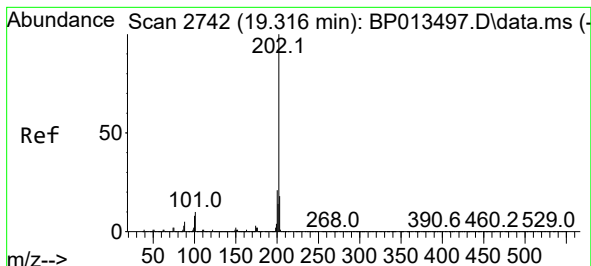


#78
 Di-n-butylphthalate
 Concen: 27.973 ng/ul
 RT: 18.257 min Scan# 2562
 Delta R.T. 0.000 min
 Lab File: BP013497.D
 Acq: 17 Jan 2023 16:14

Tgt Ion:149 Resp: 2926327

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	4.7	4.3	6.5





#80

Fluoranthene

Concen: 19.558 ng/ul

RT: 19.316 min Scan# 2742

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNL_P

ClientSampleId :

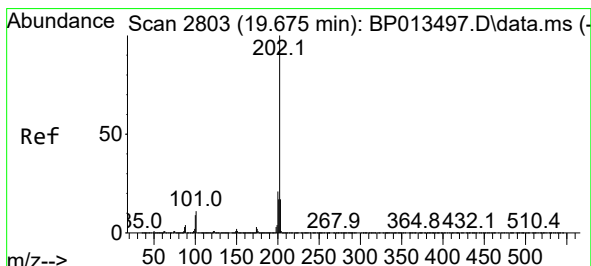
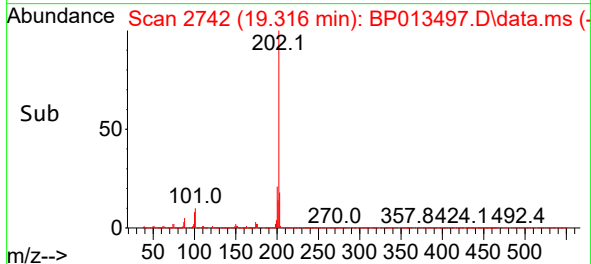
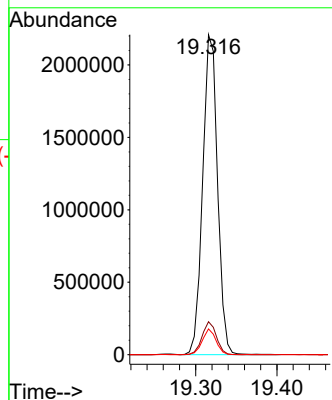
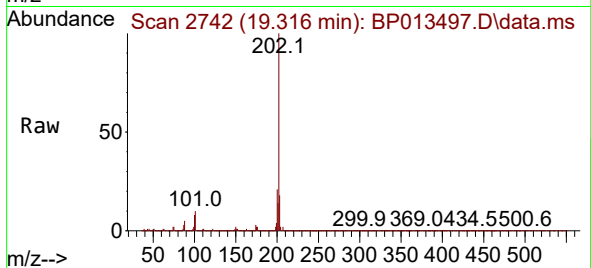
Tgt Ion:202 Resp: 2799669

Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.0 6.8 10.2



#82

Pyrene

Concen: 19.217 ng/ul

RT: 19.675 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

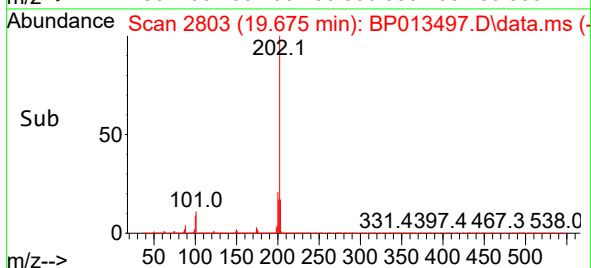
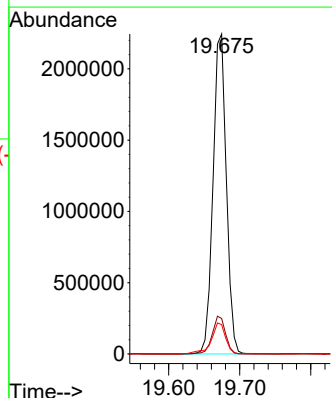
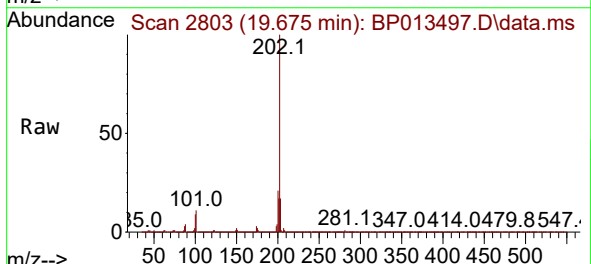
Tgt Ion:202 Resp: 2914857

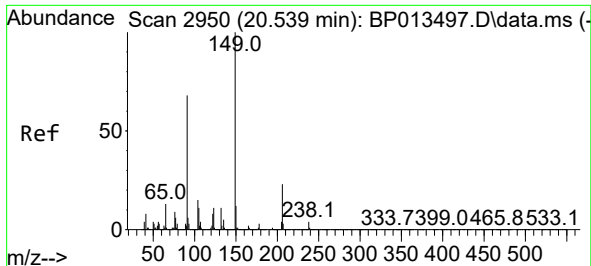
Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

100 9.2 7.4 11.2

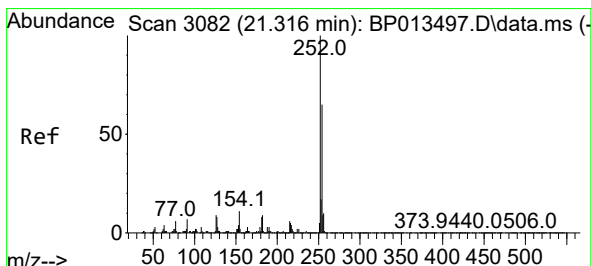
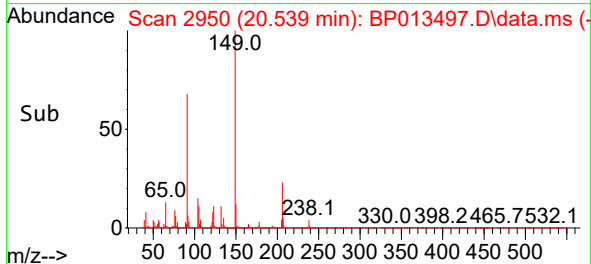
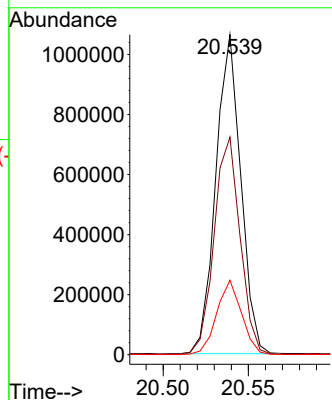
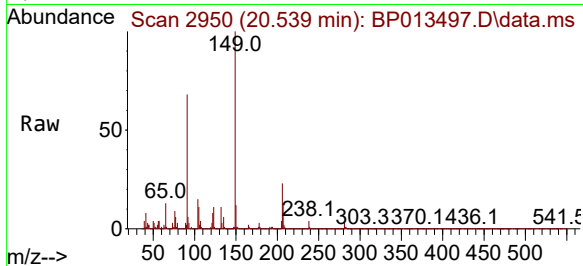




#83
Butylbenzylphthalate
Concen: 23.569 ng/ul
RT: 20.539 min Scan# 2950
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

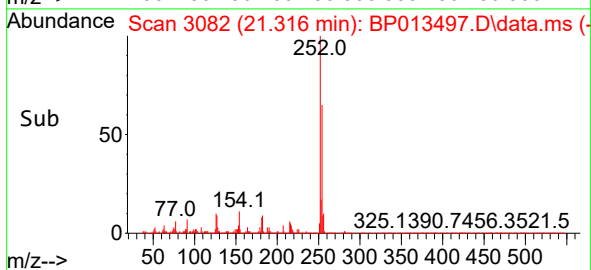
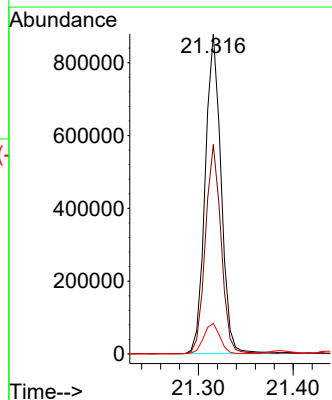
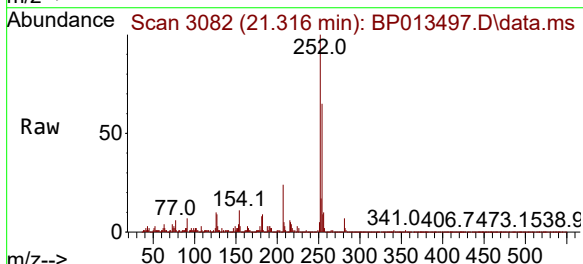
Instrument :
BNA_P
ClientSampleId :

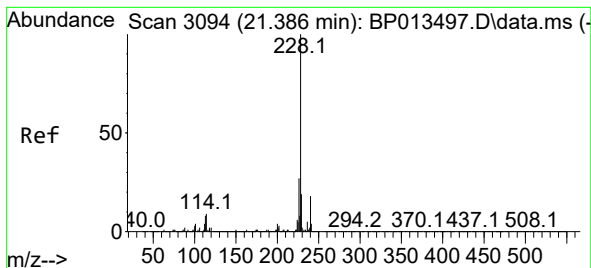
Tgt Ion:149 Resp: 1084790
Ion Ratio Lower Upper
149 100
91 68.0 55.8 83.6
206 23.2 18.5 27.7



#84
3,3'-Dichlorobenzidine
Concen: 24.094 ng/ul
RT: 21.316 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:252 Resp: 1020717
Ion Ratio Lower Upper
252 100
254 65.5 51.0 76.4
126 9.5 7.0 10.4





#85

Benzo(a)anthracene

Concen: 19.435 ng/ul

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

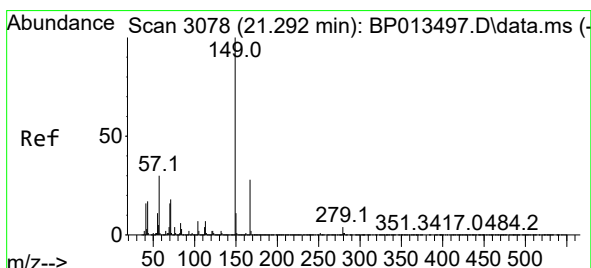
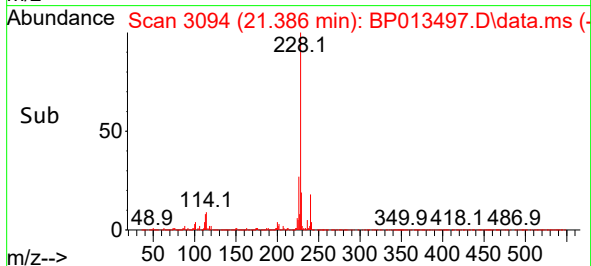
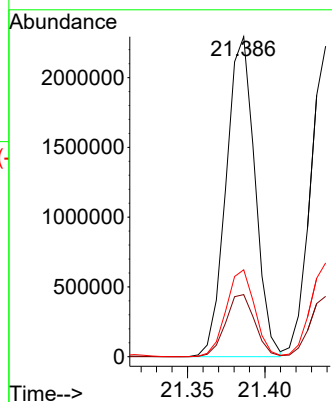
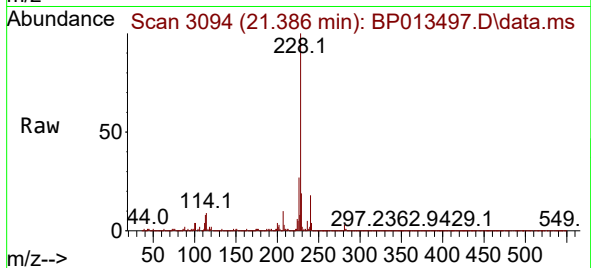
Tgt Ion:228 Resp: 2958738

Ion Ratio Lower Upper

228 100

229 19.4 15.9 23.9

226 27.2 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.522 ng/ul

RT: 21.292 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

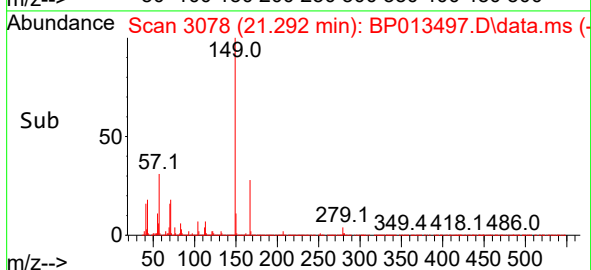
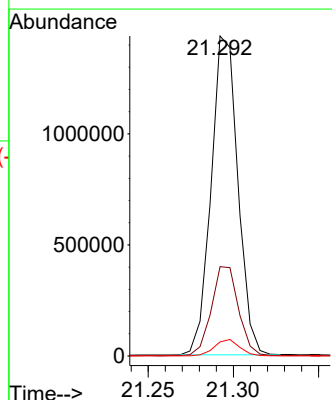
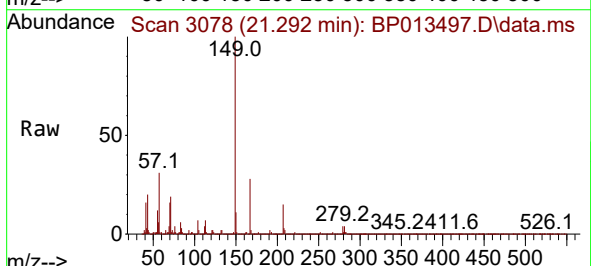
Tgt Ion:149 Resp: 1572128

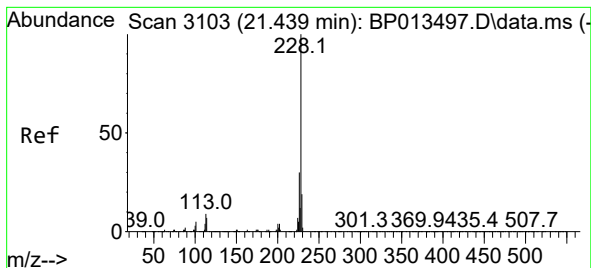
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.4 3.5 5.3





#87

Chrysene

Concen: 18.833 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

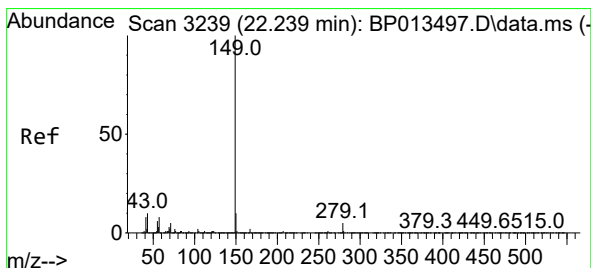
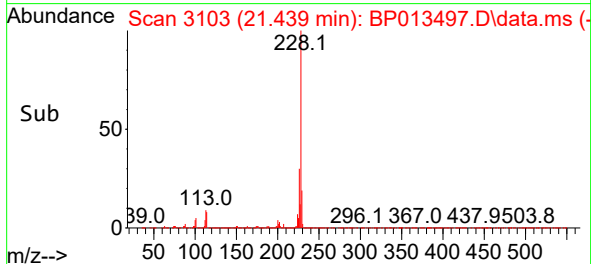
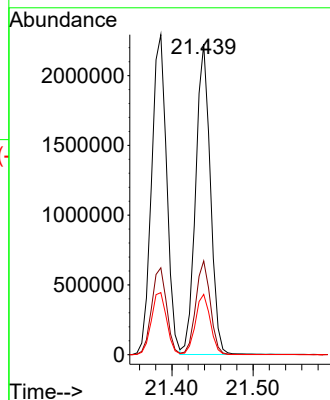
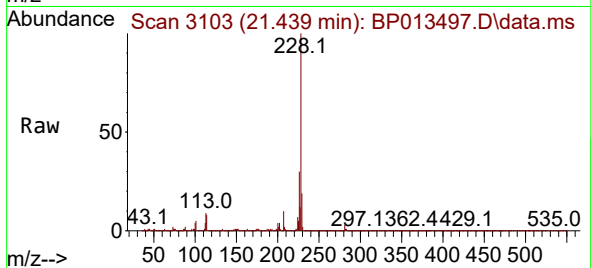
Tgt Ion:228 Resp: 2794390

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.706 ng/ul

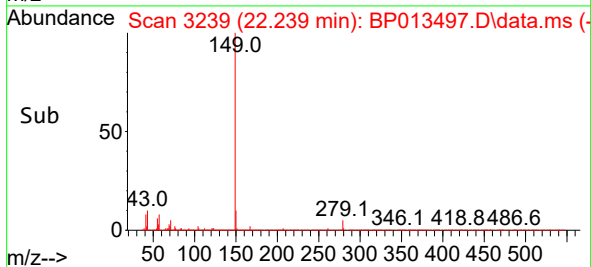
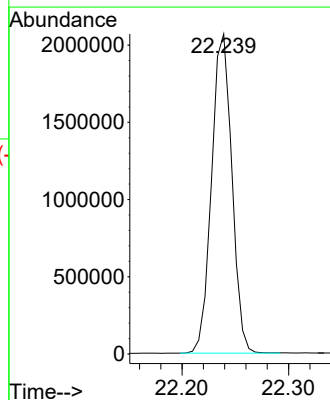
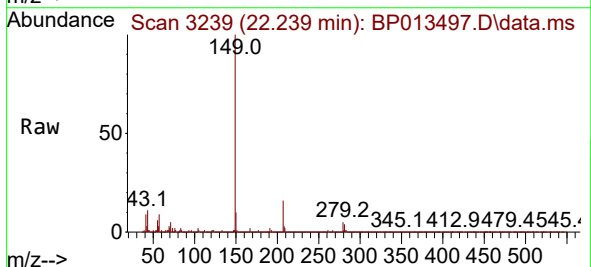
RT: 22.239 min Scan# 3239

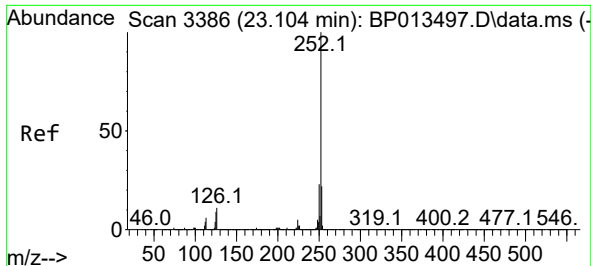
Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Tgt Ion:149 Resp: 2732200

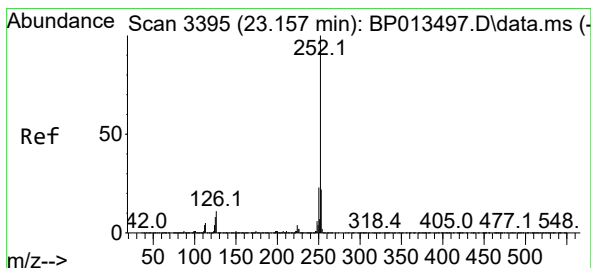
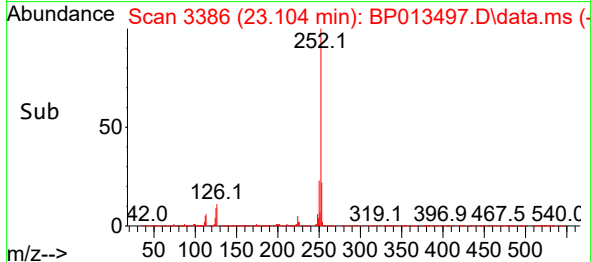
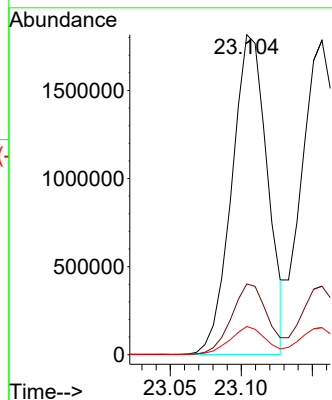
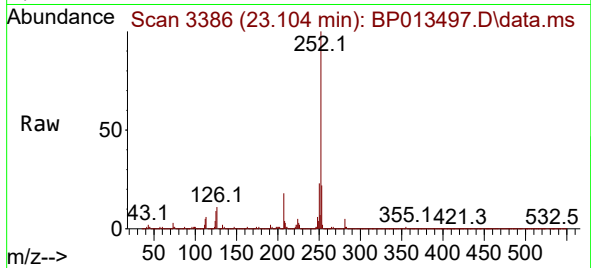




#90
Benzo(b)fluoranthene
Concen: 17.872 ng/ul
RT: 23.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

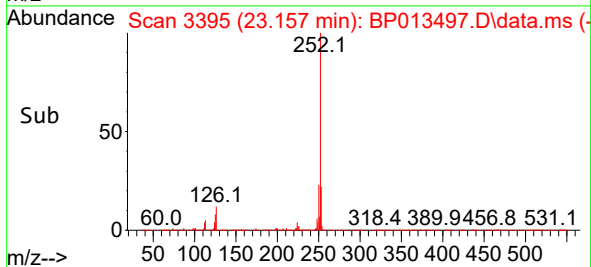
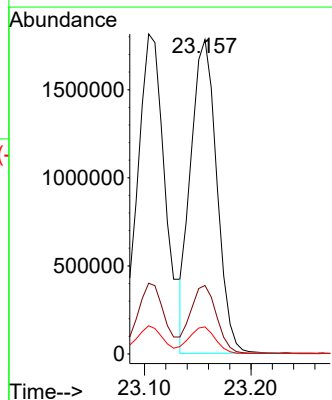
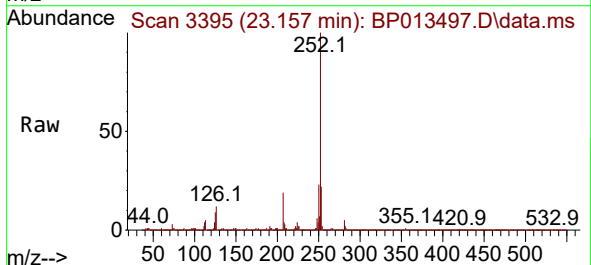
Instrument :
BNA_P
ClientSampleId :

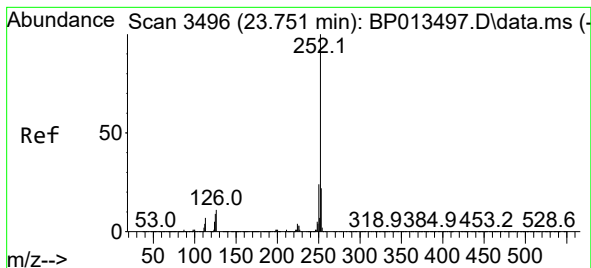
Tgt Ion:252 Resp: 3173053
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.8 7.1 10.7



#91
Benzo(k)fluoranthene
Concen: 17.805 ng/ul
RT: 23.157 min Scan# 3395
Delta R.T. 0.000 min
Lab File: BP013497.D
Acq: 17 Jan 2023 16:14

Tgt Ion:252 Resp: 3016393
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.6 6.9 10.3





#93

Benzo(a)pyrene

Concen: 18.494 ng/ul

RT: 23.751 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

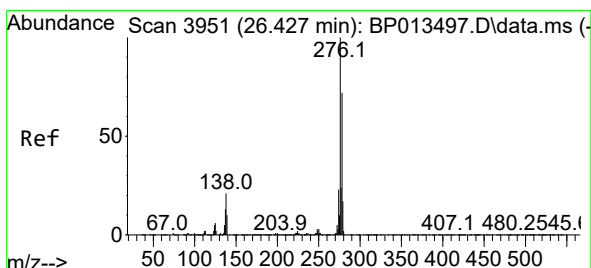
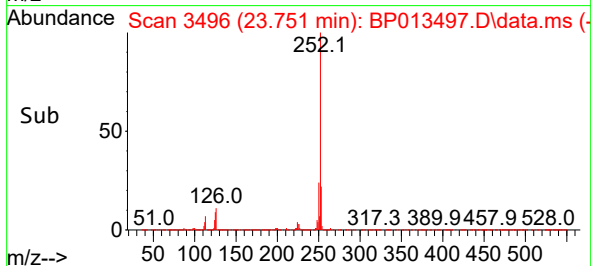
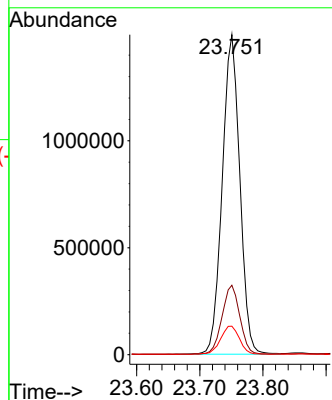
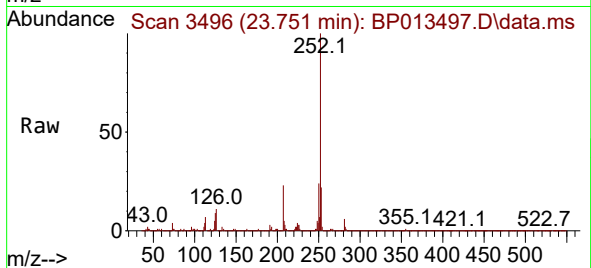
Tgt Ion:252 Resp: 2882897

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.9 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.826 ng/ul

RT: 26.427 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

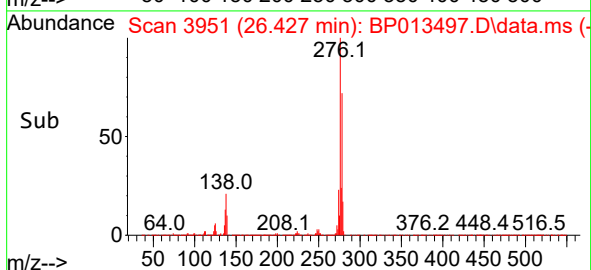
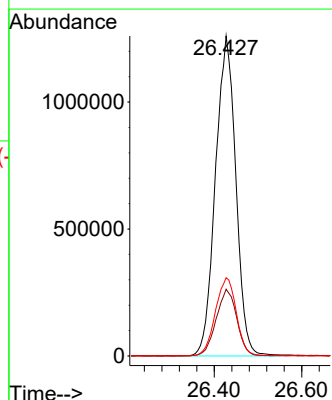
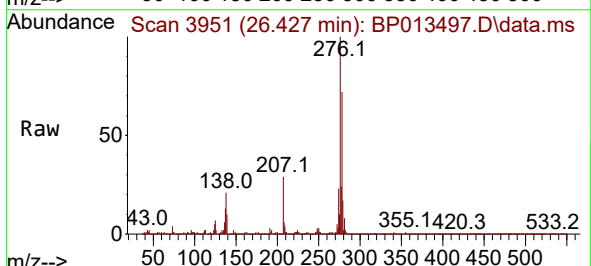
Tgt Ion:276 Resp: 4066364

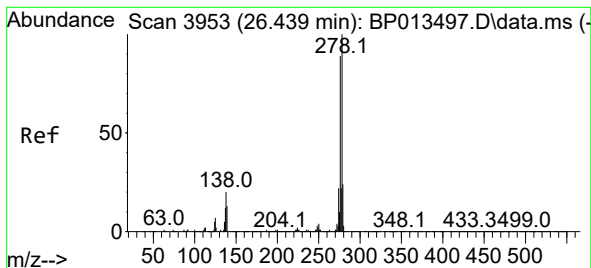
Ion Ratio Lower Upper

276 100

138 20.9 17.3 25.9

277 24.5 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 18.662 ng/ul

RT: 26.439 min Scan# 3953

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Instrument :

BNA_P

ClientSampleId :

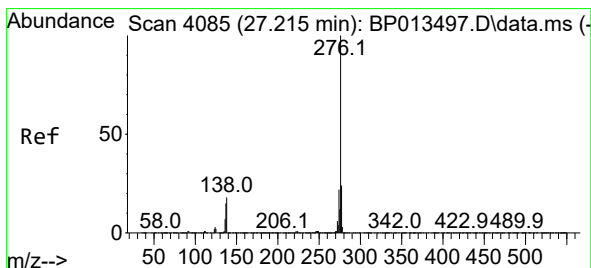
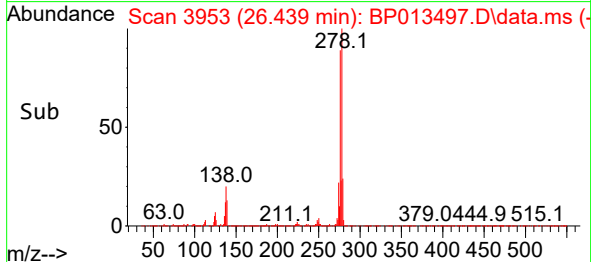
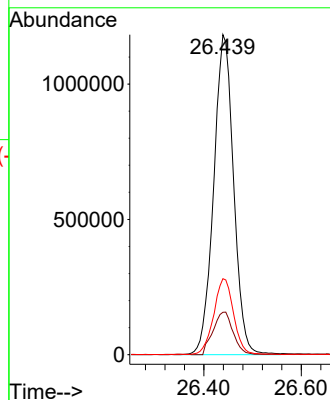
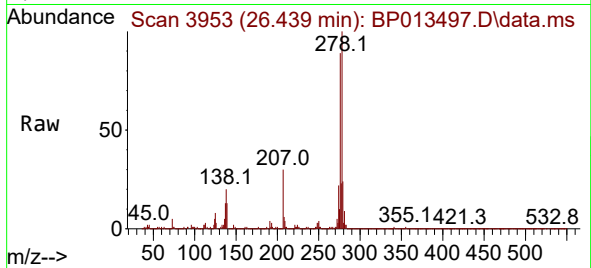
Tgt Ion:278 Resp: 3362595

Ion Ratio Lower Upper

278 100

139 13.2 11.3 16.9

279 23.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 18.816 ng/ul

RT: 27.215 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BP013497.D

Acq: 17 Jan 2023 16:14

Tgt Ion:276 Resp: 3342800

Ion Ratio Lower Upper

276 100

138 18.0 14.5 21.7

277 23.9 18.8 28.2

