

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013507.D
 Acq On : 17 Jan 2023 22:31
 Operator : CG/JU
 Sample : 01168-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH1Z5

Quant Time: Jan 18 01:18:10 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	486352	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1997396	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1251641	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	2656553	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	2512436	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	3034481	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53814	4.301	ng/uL	0.00
4) Pyridine-d5	3.722	84	315972	9.054	ng/ul	0.00
7) Phenol-d5	7.063	99	251517	6.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	639413	25.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	629558	20.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	404755	13.164	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	400736	28.177	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	419156	26.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	737872	23.782	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	964315	22.062	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2579783	28.290	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2844171	28.177	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	111468	6.678	ng/ul	0.00
60) Fluorene-d10	15.545	176	2221983	27.586	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	56068	3.329	ng/ul	0.00
73) Anthracene-d10	17.404	188	3744822	31.892	ng/ul	0.00
81) Pyrene-d10	19.639	212	4396255	32.161	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	4707994	31.586	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.752	79	60741	1.721	ng/ul#	76
6) Benzaldehyde	7.034	77	42249	2.745	ng/ul	96
8) Phenol	7.087	94	74604	1.787	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	62536	1.894	ng/ul	98
12) 2-Chlorophenol	7.463	128	60666	1.935	ng/ul	95
13) 2-Methylphenol	8.346	108	52996	1.767	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.434	45	95113	1.867	ng/ul#	96
16) Acetophenone	8.728	105	105589	2.176	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.710	70	46004	1.983	ng/ul	96
18) 4-Methylphenol	8.675	108	59613	1.809	ng/ul	90
19) Hexachloroethane	8.981	117	24365	1.929	ng/ul	95
22) Nitrobenzene	9.110	77	69215	1.865	ng/ul	98
23) Isophorone	9.634	82	126465	1.947	ng/ul	99
25) 2-Nitrophenol	9.822	139	33539	1.981	ng/ul	95
26) 2,4-Dimethylphenol	9.881	107	64094	1.815	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	80610	1.878	ng/ul	95
30) Naphthalene	10.757	128	197383	1.858	ng/ul	99
32) 4-Chloroaniline	10.875	127	74309	1.691	ng/ul	94
33) Hexachlorobutadiene	11.040	225	43127	1.935	ng/ul	99
34) Caprolactam	11.675	113	14794	1.602	ng/ul	96
35) 4-Chloro-3-methylphenol	11.998	107	91165	3.043	ng/ul	99
36) 2-Methylnaphthalene	12.369	142	127868	1.882	ng/ul	98
37) 1-Methylnaphthalene	12.587	142	129998	1.844	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	78423	1.828	ng/ul	96

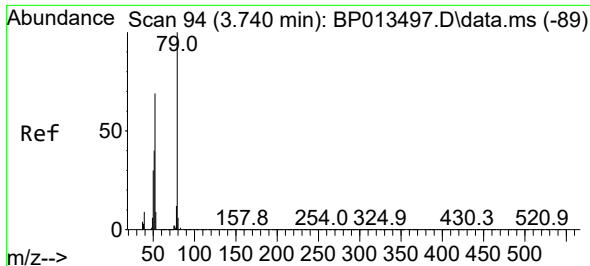
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.710	237	28885	1.119	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	46681	1.849	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	48377	1.761	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	173032	1.821	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	137941	1.799	ng/ul	98
45) 2-Nitroaniline	13.634	65	30319	1.634	ng/ul	98
47) Dimethylphthalate	13.998	163	167771	1.841	ng/ul	98
48) 2,6-Dinitrotoluene	14.128	165	25128	1.593	ng/ul	99
50) Acenaphthylene	14.269	152	209725	1.885	ng/ul	98
51) 3-Nitroaniline	14.463	138	21166	1.267	ng/ul	94
52) Acenaphthene	14.610	153	157059	1.973	ng/ul	96
55) 4-Nitrophenol	14.769	109	16400	1.293	ng/ul	95
56) Dibenzofuran	14.945	168	208124	1.820	ng/ul	100
57) 2,4-Dinitrotoluene	14.922	165	35600	1.518	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.175	232	40902	1.707	ng/ul	95
59) Diethylphthalate	15.363	149	157519	1.847	ng/ul	100
61) Fluorene	15.598	166	162429	1.779	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	87346	1.832	ng/ul	97
63) 4-Nitroaniline	15.622	138	16336	1.057	ng/ul	92
67) N-Nitrosodiphenylamine	15.804	169	128363	1.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	51227	1.862	ng/ul	99
69) Hexachlorobenzene	16.604	284	61675	1.859	ng/ul	97
70) Atrazine	16.763	200	47477	1.729	ng/ul	95
71) Pentachlorophenol	16.957	266	25527	1.293	ng/ul	98
72) Phenanthrene	17.345	178	255750	1.811	ng/ul	98
74) Anthracene	17.439	178	252537	1.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	77326	1.927	ng/uL	98
76) Pentachlorobenzene	14.863	250	77175	1.976	ng/uL	96
77) Carbazole	17.716	167	205329	1.699	ng/ul	98
78) Di-n-butylphthalate	18.257	149	293884	2.480	ng/ul	99
80) Fluoranthene	19.316	202	294289	1.881	ng/ul	97
82) Pyrene	19.669	202	320390	1.933	ng/ul	98
83) Butylbenzylphthalate	20.533	149	110444	2.196	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.310	252	79645	1.720	ng/ul#	96
85) Benzo(a)anthracene	21.380	228	313131	1.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	226496	3.232	ng/ul	100
87) Chrysene	21.433	228	294661	1.817	ng/ul	100
89) Di-n-octyl phthalate	22.233	149	287932	2.214	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	326898	1.703	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	326898	1.785	ng/ul	98
93) Benzo(a)pyrene	23.745	252	301332	1.788	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	415908	1.781	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	339905	1.745	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	346855	1.806	ng/ul	98

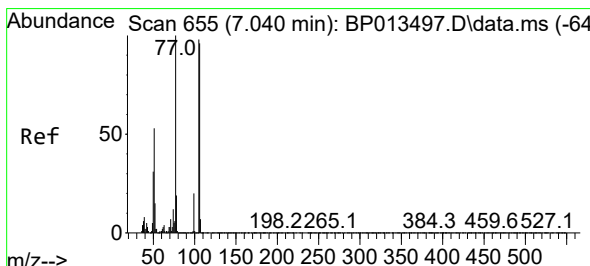
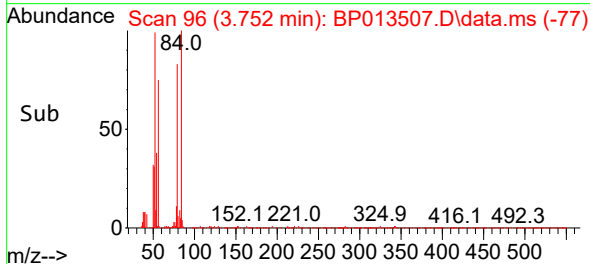
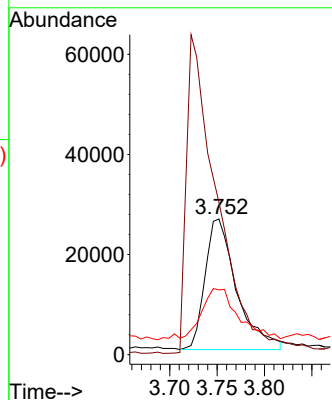
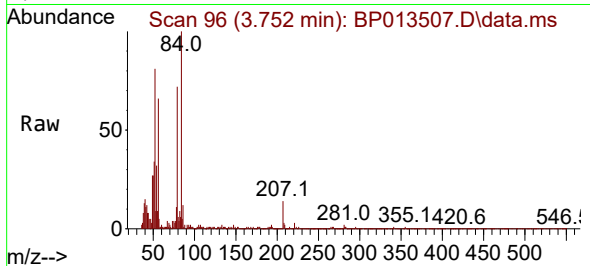
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#5
 Pyridine
 Concen: 1.721 ng/ul
 RT: 3.752 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: BP013507.D
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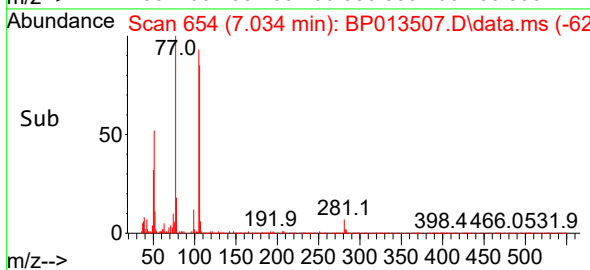
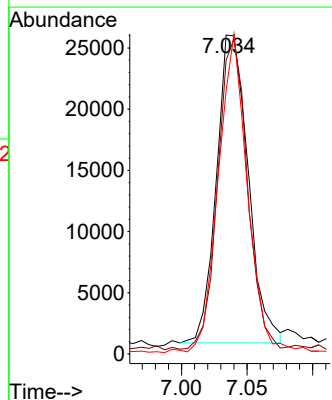
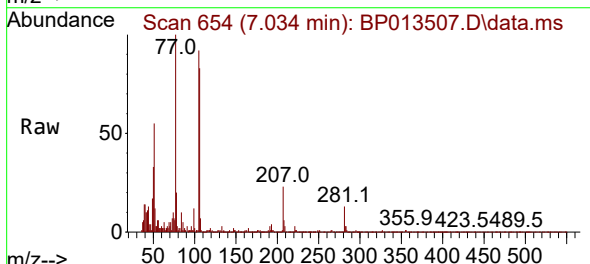
Instrument :
 BNA_P
 ClientSampleId :
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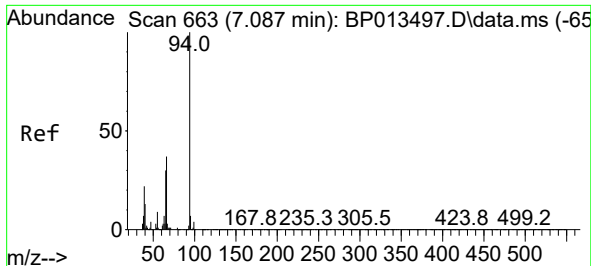
Tgt Ion: 79 Resp: 60741
 Ion Ratio Lower Upper
 79 100
 52 112.3 67.7 101.5#
 51 47.7 32.3 48.5



#6
 Benzaldehyde
 Concen: 2.745 ng/ul
 RT: 7.034 min Scan# 654
 Delta R.T. -0.006 min
 Lab File: BP013507.D
 Acq: 17 Jan 2023 22:31

Tgt Ion: 77 Resp: 42249
 Ion Ratio Lower Upper
 77 100
 105 92.1 75.4 113.0
 106 82.7 69.8 104.8

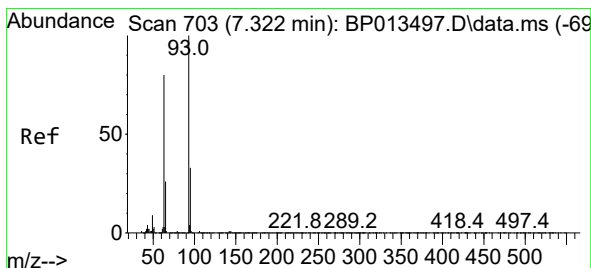
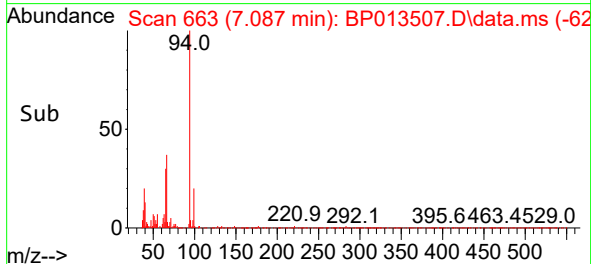
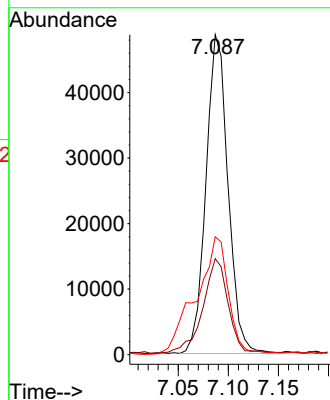
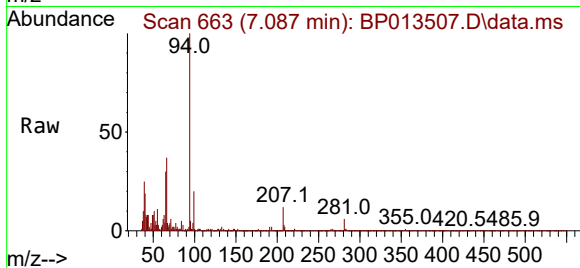




#8
Phenol
Concen: 1.787 ng/ul
RT: 7.087 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

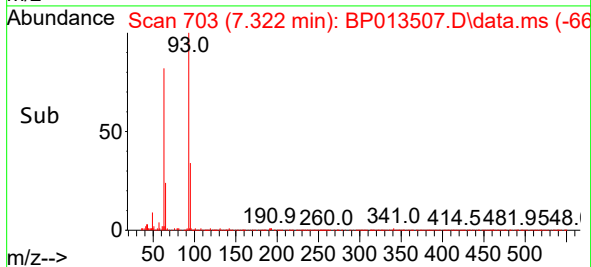
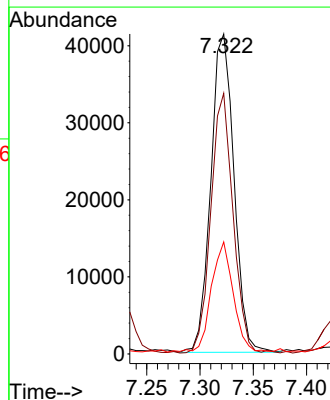
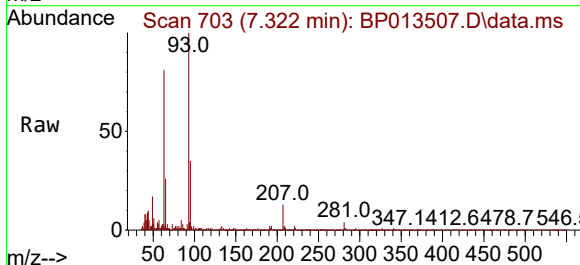
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ClientSampleId :
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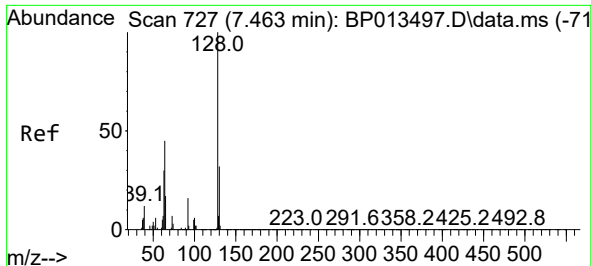
Tgt Ion: 94 Resp: 74604
Ion Ratio Lower Upper
94 100
65 30.0 22.8 34.2
66 36.9 28.6 42.8



#10
Bis(2-Chloroethyl)ether
Concen: 1.894 ng/ul
RT: 7.322 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion: 93 Resp: 62536
Ion Ratio Lower Upper
93 100
63 81.5 64.7 97.1
95 35.0 25.7 38.5

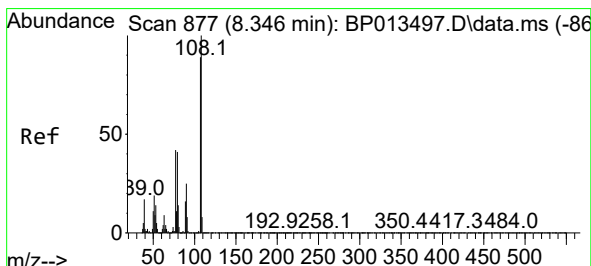
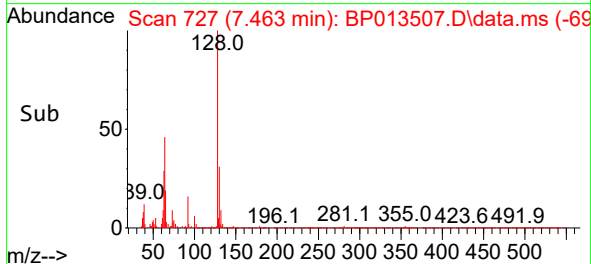
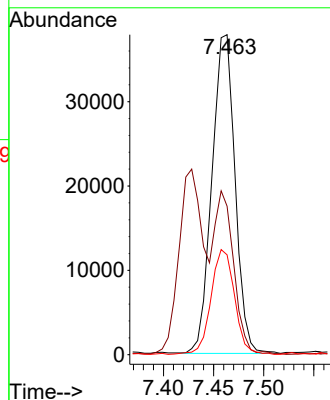
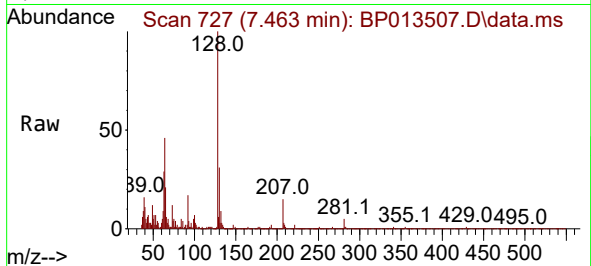




#12
2-Chlorophenol
Concen: 1.935 ng/ul
RT: 7.463 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

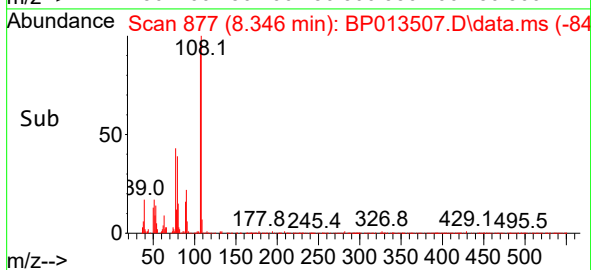
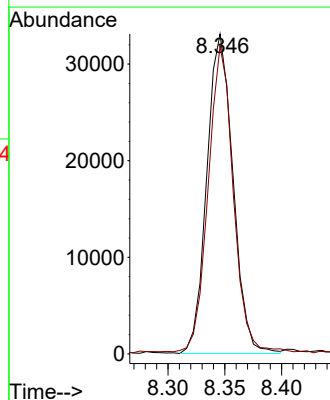
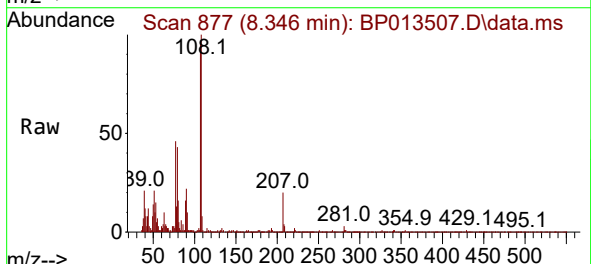
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ClientSampleId :
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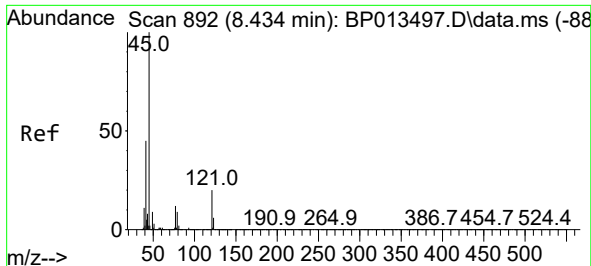
Tgt Ion:128 Resp: 60666
Ion Ratio Lower Upper
128 100
64 46.4 41.4 62.2
130 31.2 24.9 37.3



#13
2-Methylphenol
Concen: 1.767 ng/ul
RT: 8.346 min Scan# 877
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:108 Resp: 52996
Ion Ratio Lower Upper
108 100
107 96.3 69.4 104.0

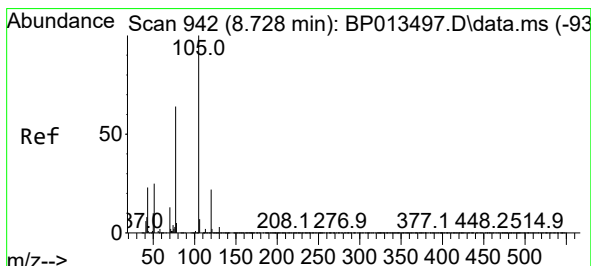
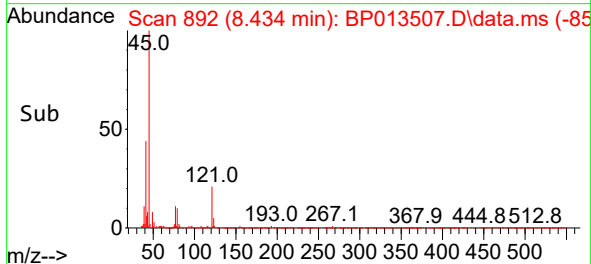
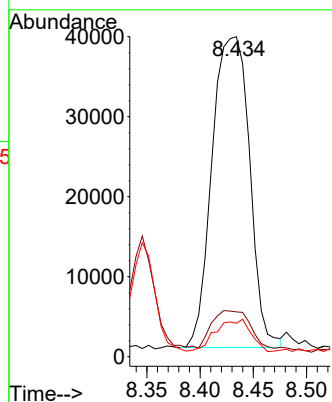
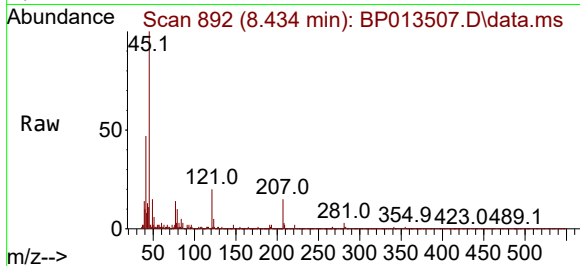




#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.867 ng/ul
RT: 8.434 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

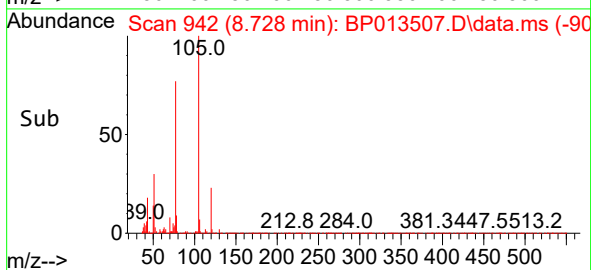
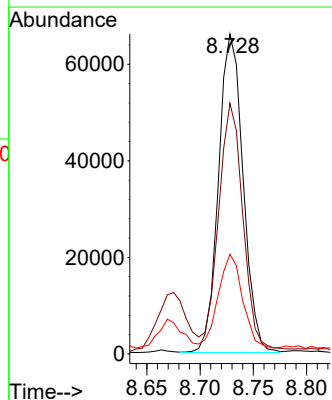
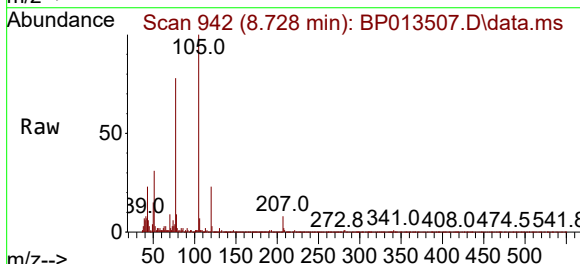
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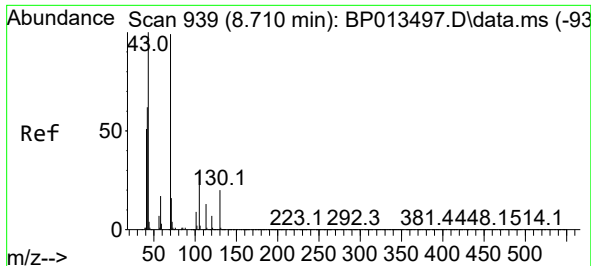
Tgt Ion: 45 Resp: 95113
Ion Ratio Lower Upper
45 100
77 14.0 10.1 15.1
79 10.5 7.0 10.4#



#16
Acetophenone
Concen: 2.176 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion: 105 Resp: 105589
Ion Ratio Lower Upper
105 100
77 78.3 62.5 93.7
51 31.2 24.7 37.1

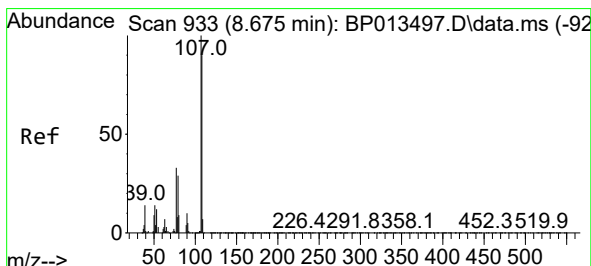
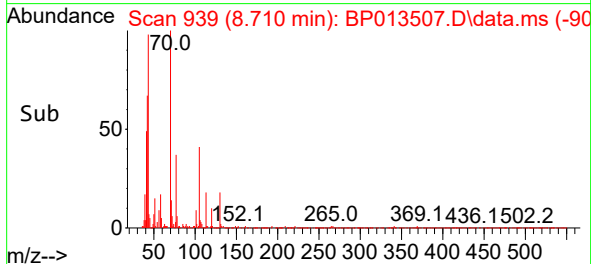
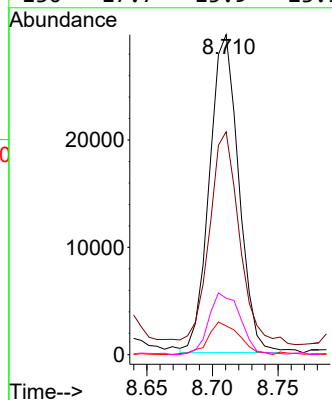
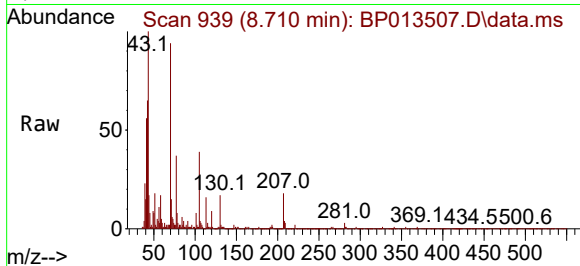




#17
N-Nitroso-di-n-propylamine
Concen: 1.983 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

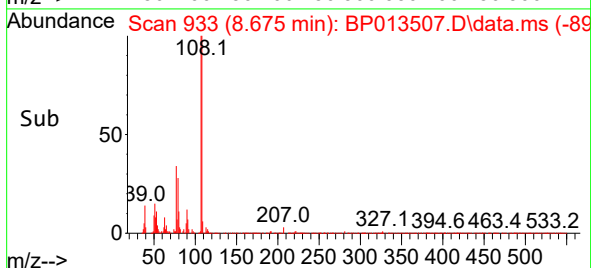
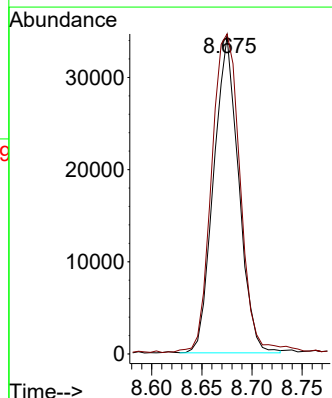
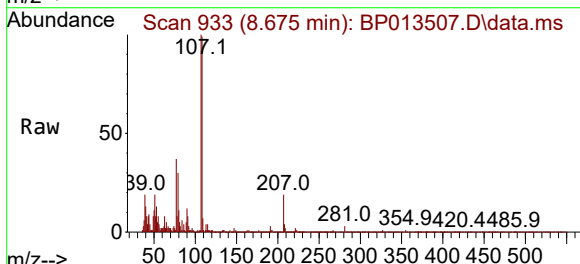
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BNA_P
ClientSampleId :
BH1Z5

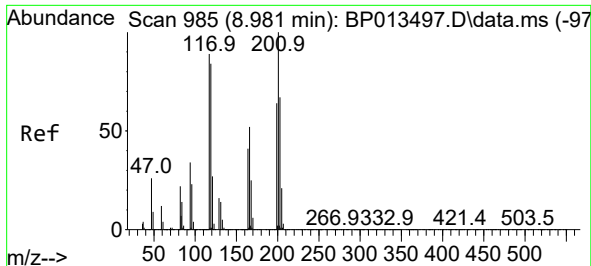
Tgt Ion:	70	Resp:	46004
Ion	Ratio	Lower	Upper
70	100		
42	69.6	53.6	80.4
101	9.0	8.0	12.0
130	17.7	15.9	23.9



#18
4-Methylphenol
Concen: 1.809 ng/ul
RT: 8.675 min Scan# 933
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:	108	Resp:	59613
Ion	Ratio	Lower	Upper
108	100		
107	100.7	89.5	134.3

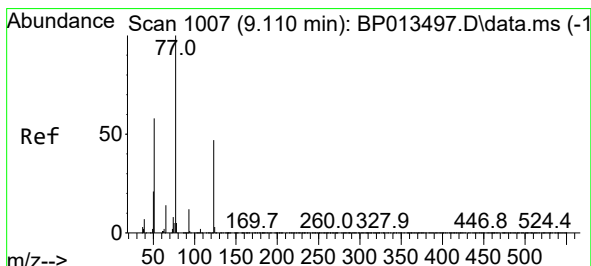
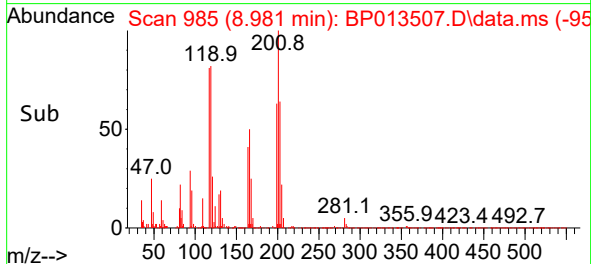
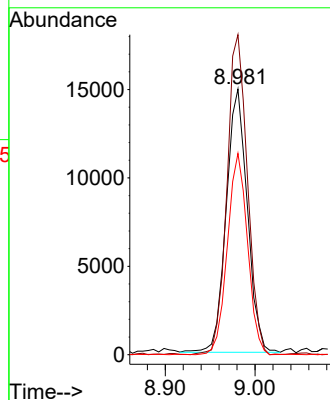
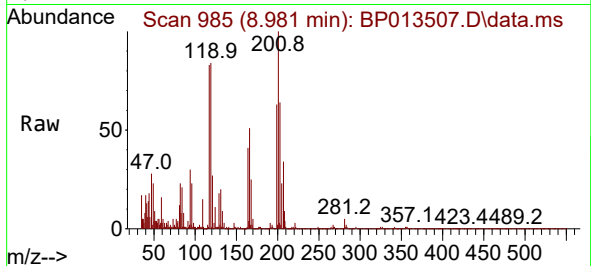




#19
Hexachloroethane
Concen: 1.929 ng/ul
RT: 8.981 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

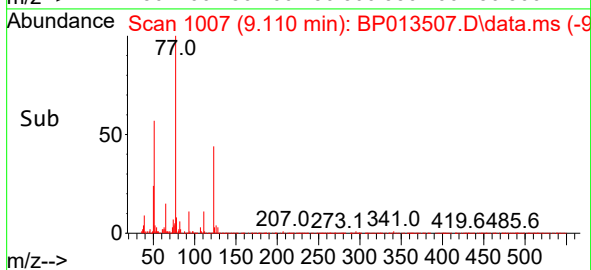
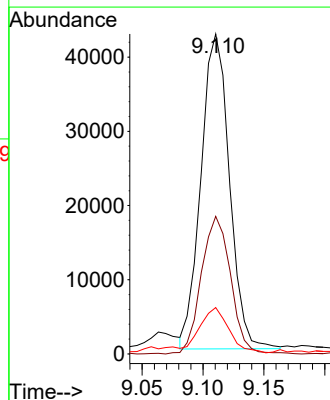
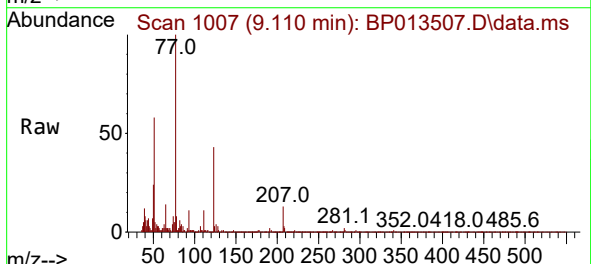
Instrument :
BNA_P
ClientSampleId :
BH1Z5

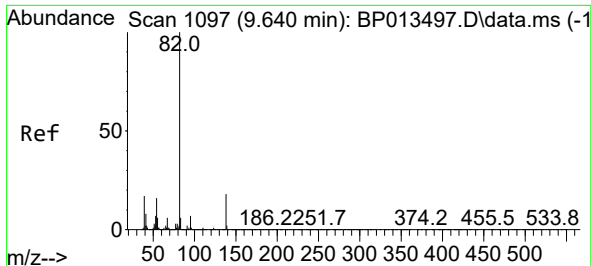
Tgt Ion:117 Resp: 24365
Ion Ratio Lower Upper
117 100
201 120.5 90.6 136.0
199 75.8 58.7 88.1



#22
Nitrobenzene
Concen: 1.865 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion: 77 Resp: 69215
Ion Ratio Lower Upper
77 100
123 43.0 33.7 50.5
65 14.5 11.0 16.4

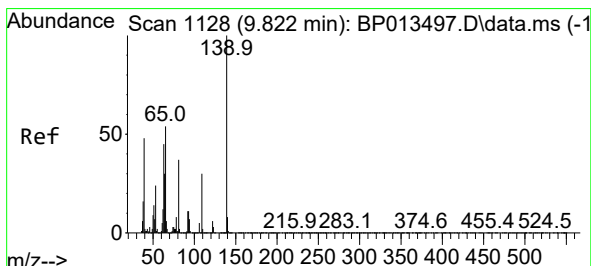
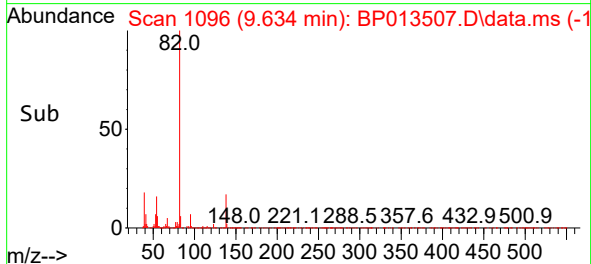
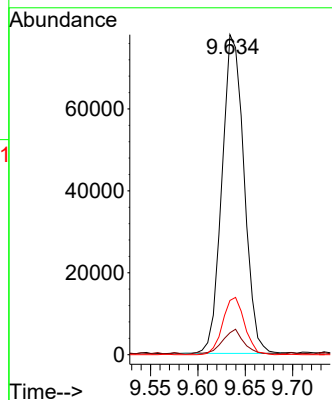
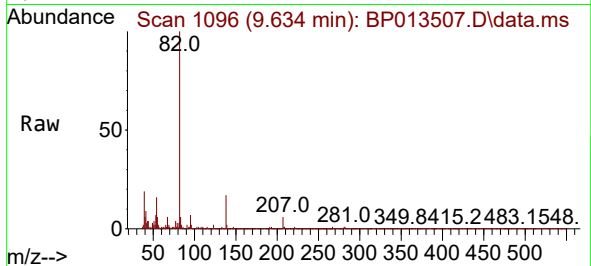




#23
Isophorone
Concen: 1.947 ng/ul
RT: 9.634 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

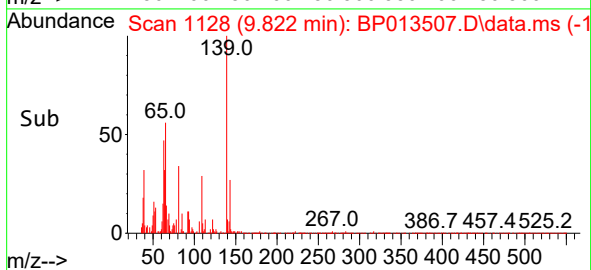
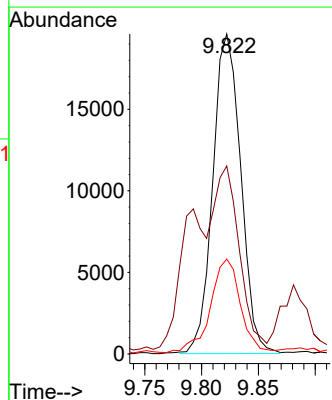
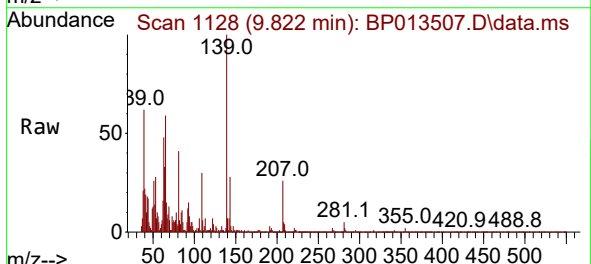
Instrument :
BNA_P
ClientSampleId :
BH1Z5

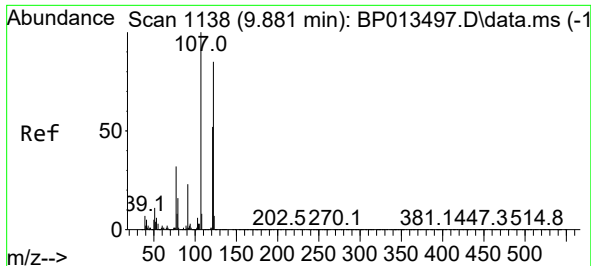
Tgt Ion: 82 Resp: 126465
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 16.9 13.8 20.6



#25
2-Nitrophenol
Concen: 1.981 ng/ul
RT: 9.822 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion: 139 Resp: 33539
Ion Ratio Lower Upper
139 100
65 58.8 43.0 64.6
109 29.6 23.4 35.2

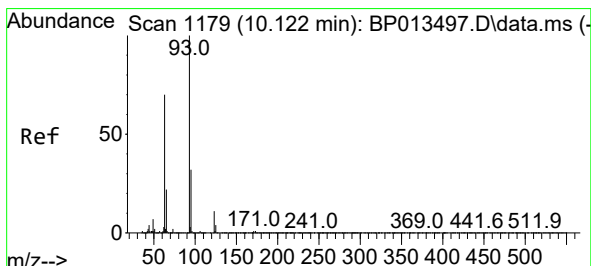
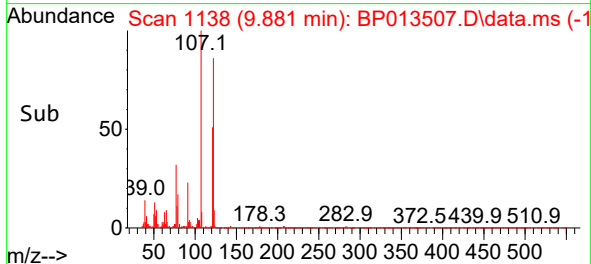
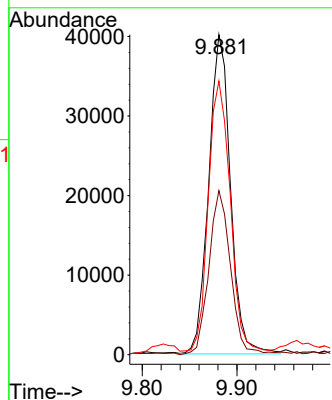
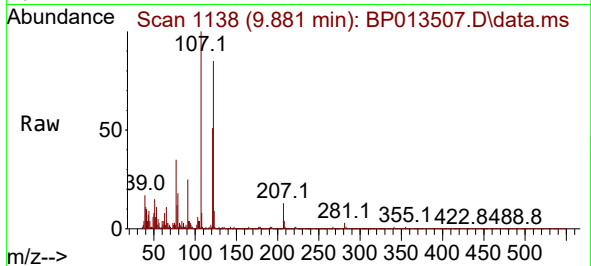




#26
2,4-Dimethylphenol
Concen: 1.815 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

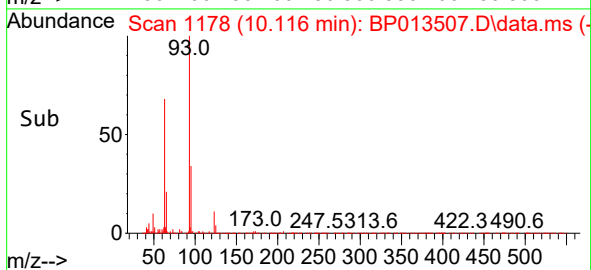
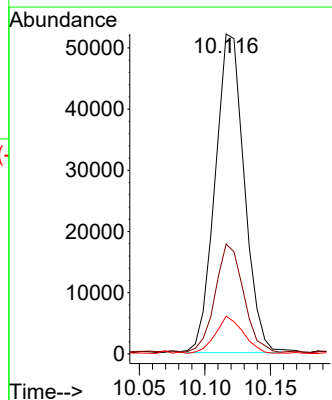
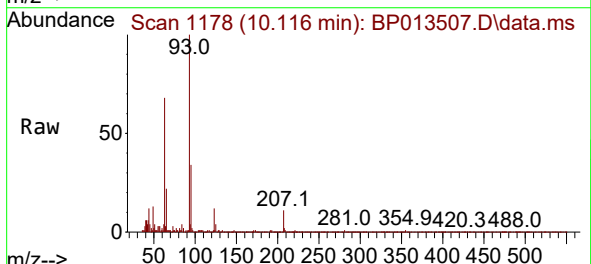
Instrument :
BNA_P
ClientSampleId :
BH1Z5

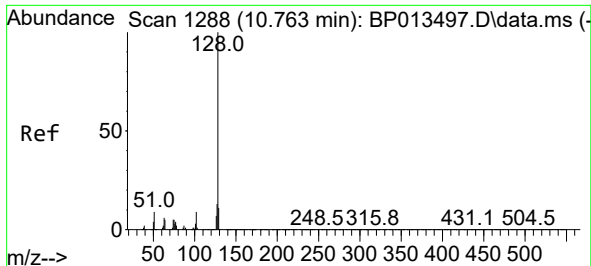
Tgt Ion:	107	Resp:	64094
Ion	Ratio	Lower	Upper
107	100		
121	51.3	39.9	59.9
122	85.5	68.3	102.5



#27
Bis(2-Chloroethoxy)methane
Concen: 1.878 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:	93	Resp:	80610
Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.3	37.9
123	11.8	8.4	12.6

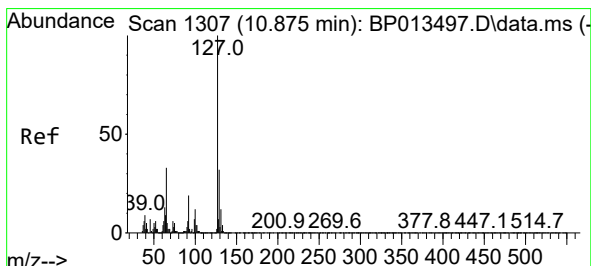
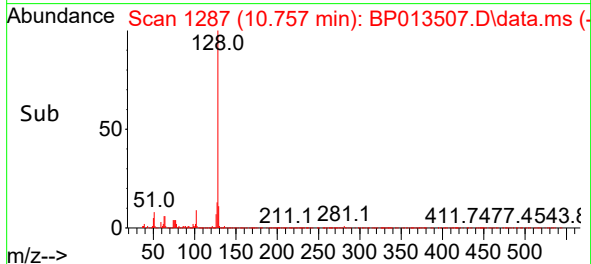
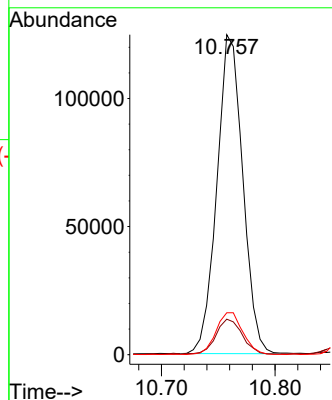
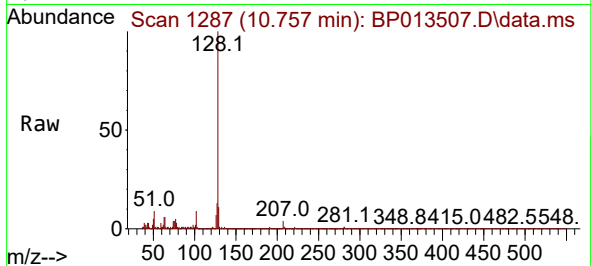




#30
Naphthalene
Concen: 1.858 ng/ul
RT: 10.757 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

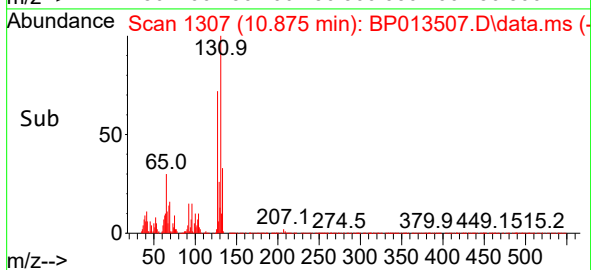
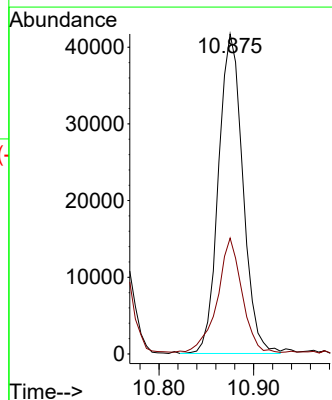
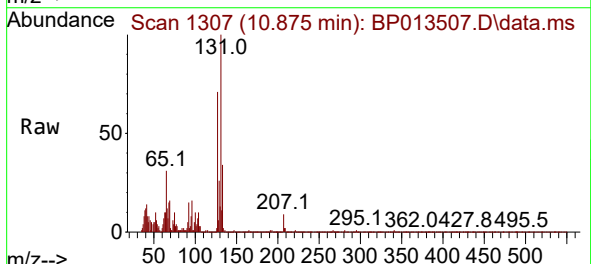
Instrument :
BNA_P
ClientSampleId :
BH1Z5

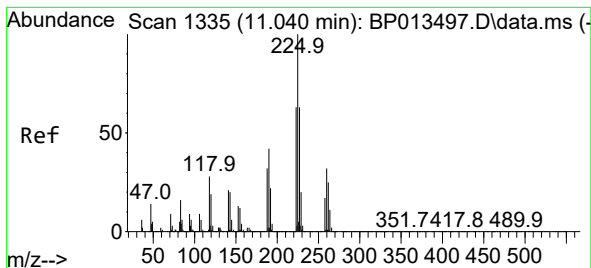
Tgt Ion:128 Resp: 197383
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.1 15.1



#32
4-Chloroaniline
Concen: 1.691 ng/ul
RT: 10.875 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:127 Resp: 74309
Ion Ratio Lower Upper
127 100
129 36.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 1.935 ng/ul

RT: 11.040 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

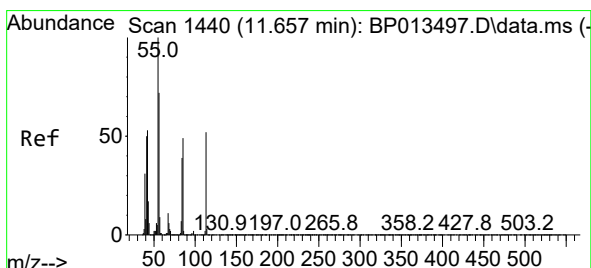
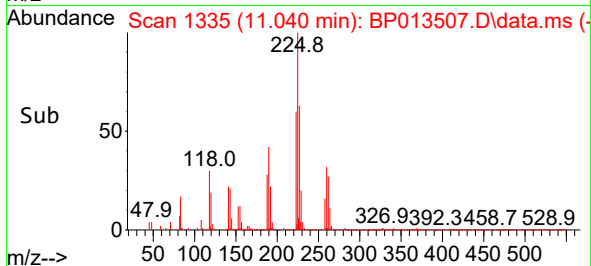
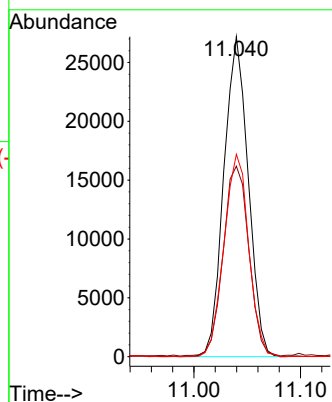
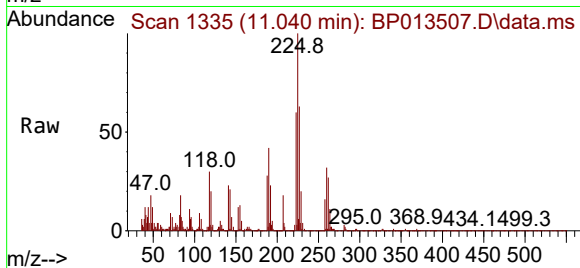
Tgt Ion:225 Resp: 43127

Ion Ratio Lower Upper

225 100

223 59.6 48.8 73.2

227 63.3 50.6 76.0



#34

Caprolactam

Concen: 1.602 ng/ul

RT: 11.675 min Scan# 1443

Delta R.T. 0.018 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

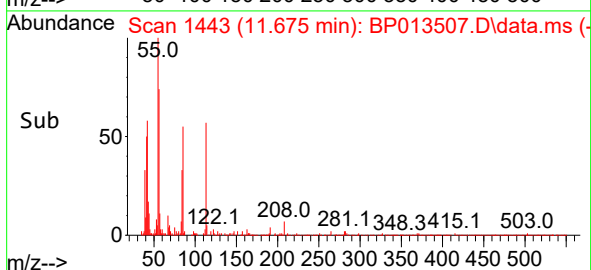
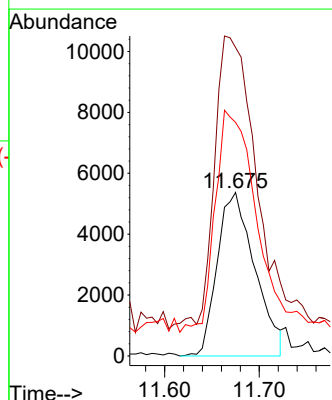
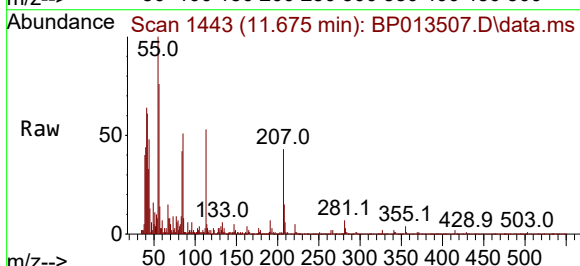
Tgt Ion:113 Resp: 14794

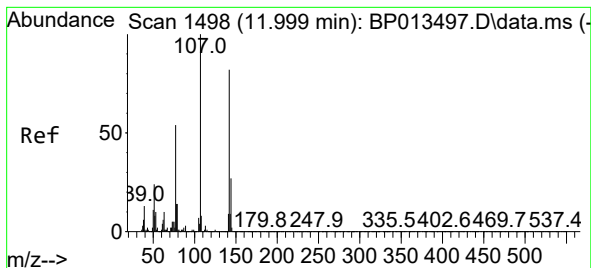
Ion Ratio Lower Upper

113 100

55 188.7 156.4 234.6

56 142.9 117.1 175.7

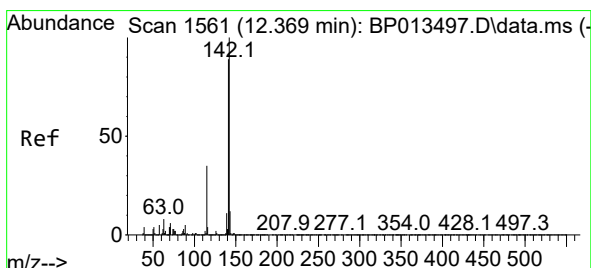
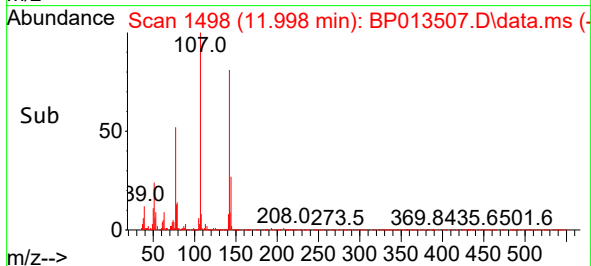
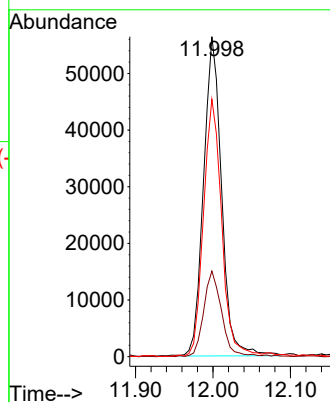
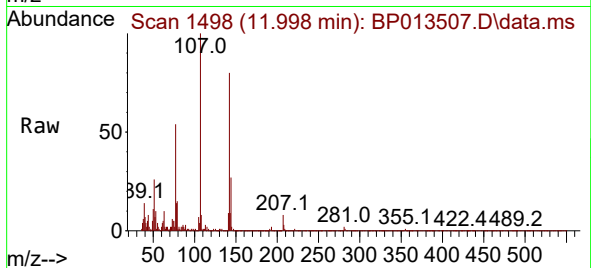




#35
4-Chloro-3-methylphenol
Concen: 3.043 ng/ul
RT: 11.998 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

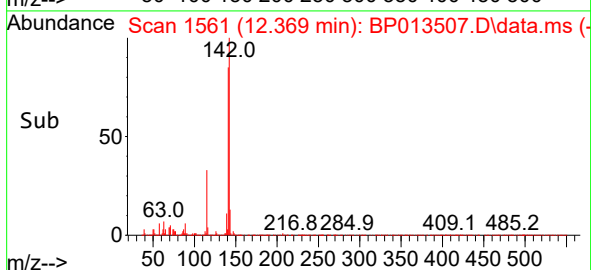
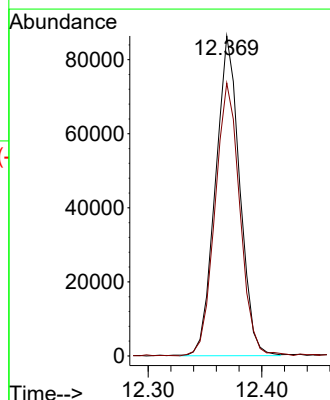
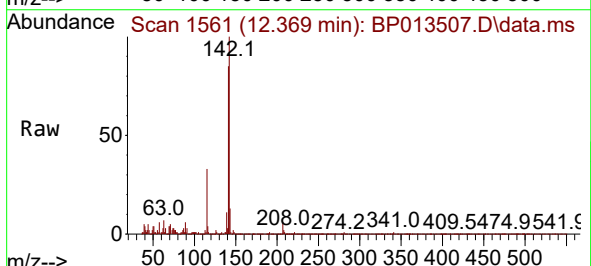
Instrument :
BNA_P
ClientSampleId :
BH1Z5

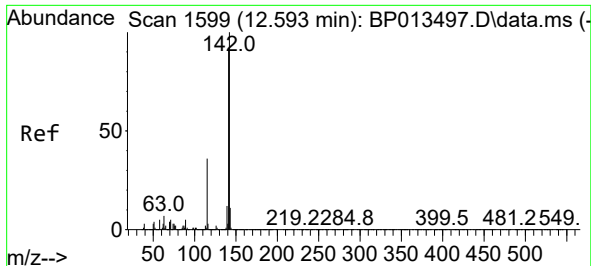
Tgt Ion:107 Resp: 91165
Ion Ratio Lower Upper
107 100
144 26.8 21.0 31.6
142 80.4 64.8 97.2



#36
2-Methylnaphthalene
Concen: 1.882 ng/ul
RT: 12.369 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:142 Resp: 127868
Ion Ratio Lower Upper
142 100
141 85.3 69.7 104.5

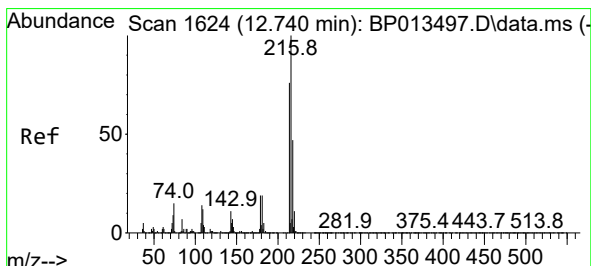
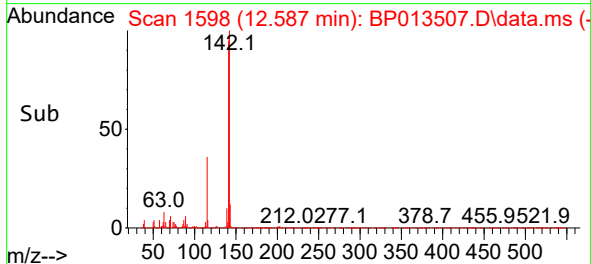
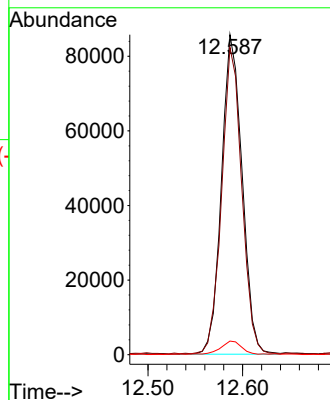
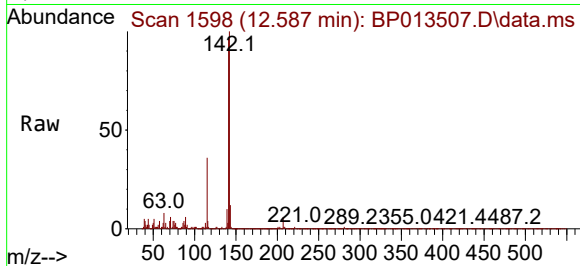




#37
1-Methylnaphthalene
Concen: 1.844 ng/ul
RT: 12.587 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

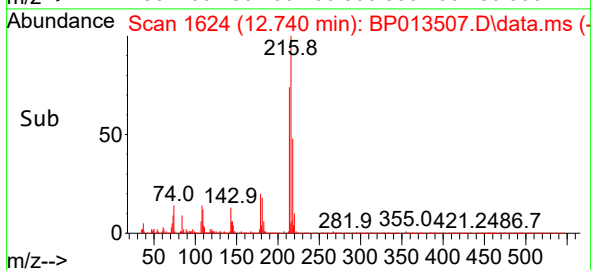
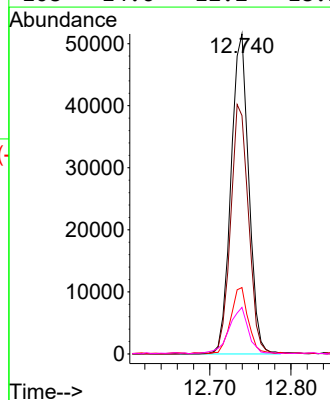
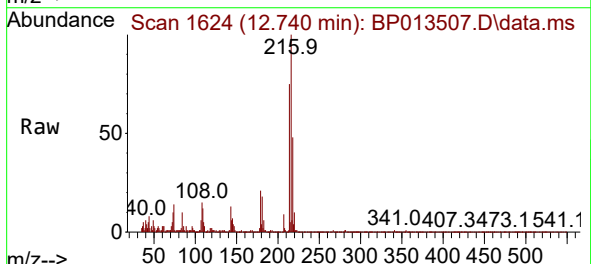
Instrument :
BNA_P
ClientSampleId :
BH1Z5

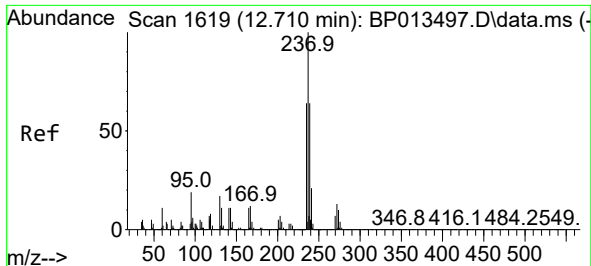
Tgt Ion:142 Resp: 129998
Ion Ratio Lower Upper
142 100
141 96.0 74.2 111.4
116 4.3 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.828 ng/ul
RT: 12.740 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:216 Resp: 78423
Ion Ratio Lower Upper
216 100
214 74.5 62.8 94.2
179 20.8 15.1 22.7
108 14.6 12.2 18.2

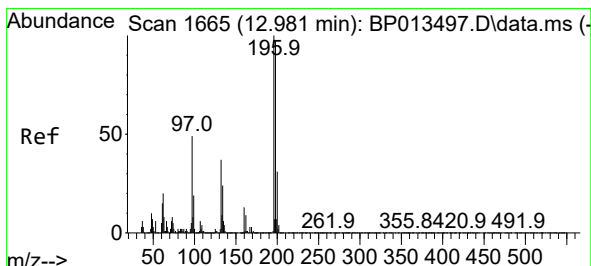
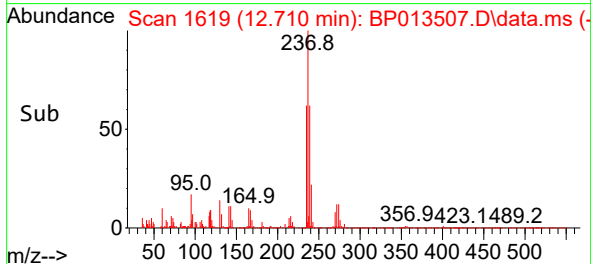
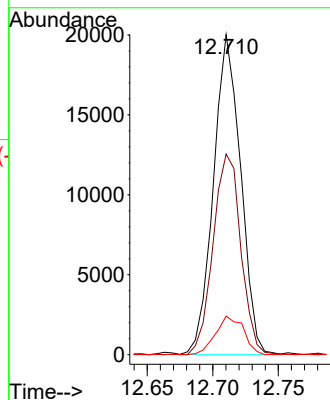
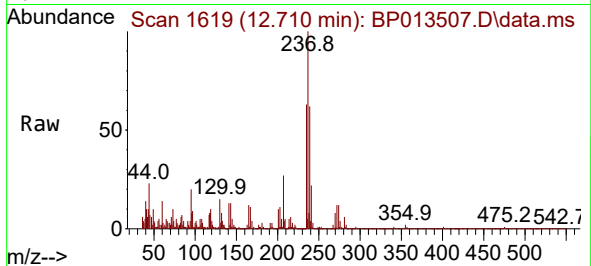




#40
Hexachlorocyclopentadiene
Concen: 1.119 ng/ul
RT: 12.710 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

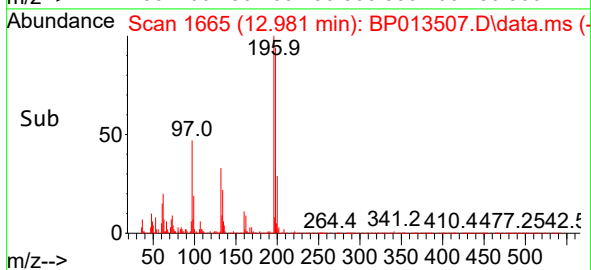
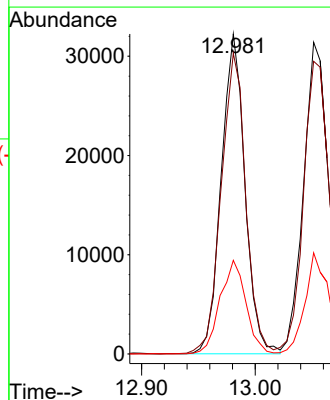
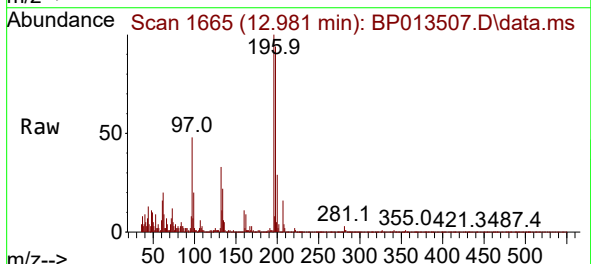
Instrument :
BNA_P
ClientSampleId :
BH1Z5

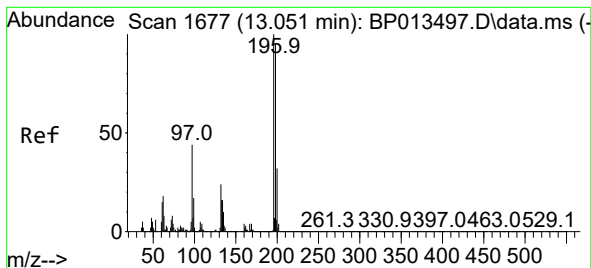
Tgt Ion:237 Resp: 28885
Ion Ratio Lower Upper
237 100
235 62.7 50.8 76.2
272 12.4 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 1.849 ng/ul
RT: 12.981 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:196 Resp: 46681
Ion Ratio Lower Upper
196 100
198 94.0 77.9 116.9
200 29.3 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 1.761 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

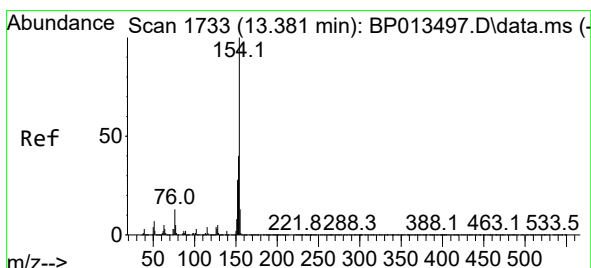
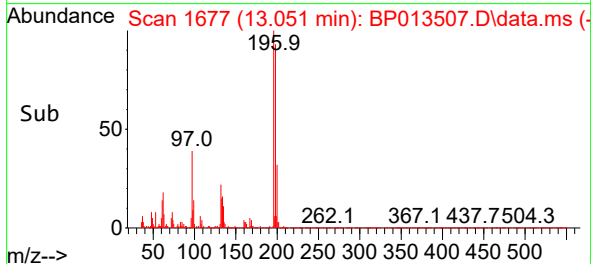
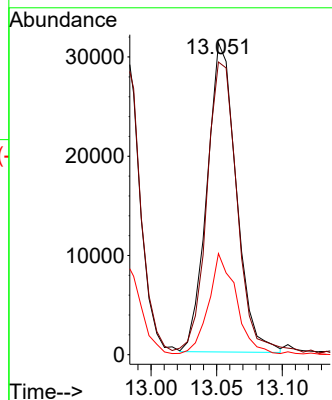
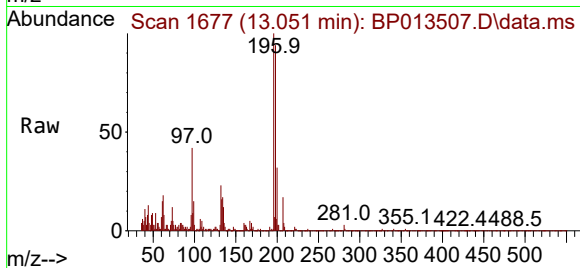
Tgt Ion:196 Resp: 48377

Ion Ratio Lower Upper

196 100

198 93.9 76.0 114.0

200 32.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 1.821 ng/ul

RT: 13.381 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

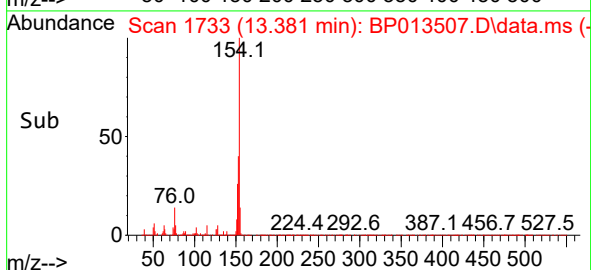
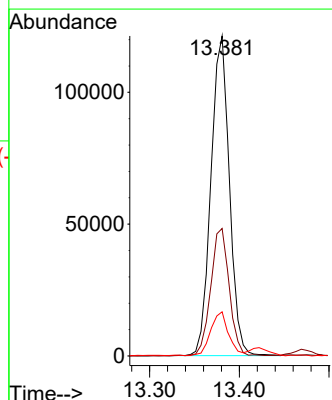
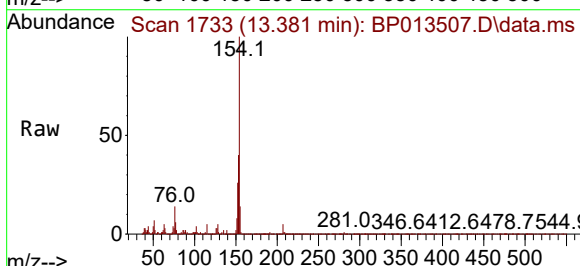
Tgt Ion:154 Resp: 173032

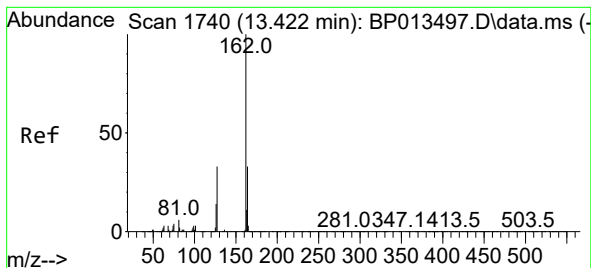
Ion Ratio Lower Upper

154 100

153 39.8 31.9 47.9

76 13.8 10.3 15.5





#44

2-Chloronaphthalene

Concen: 1.799 ng/ul

RT: 13.422 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

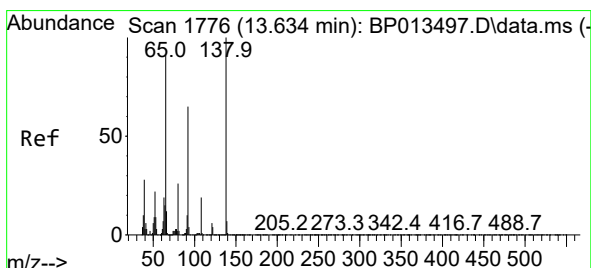
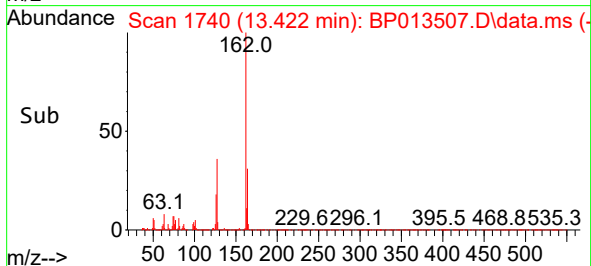
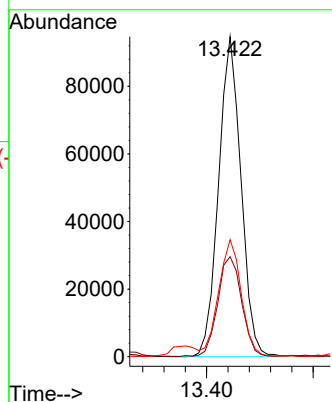
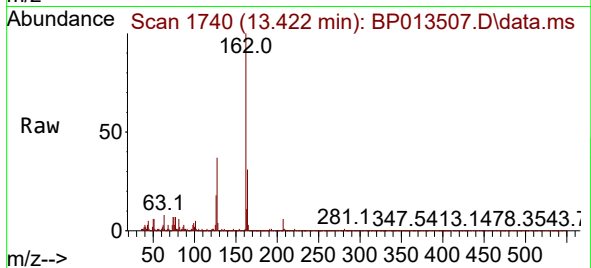
Tgt Ion:162 Resp: 137941

Ion Ratio Lower Upper

162 100

164 31.3 26.4 39.6

127 36.5 28.9 43.3



#45

2-Nitroaniline

Concen: 1.634 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

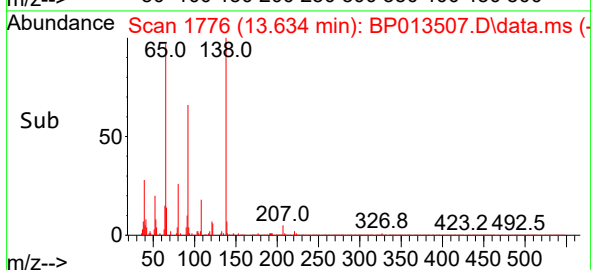
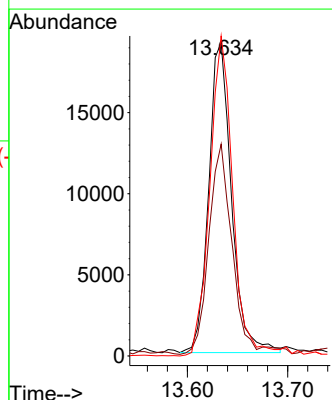
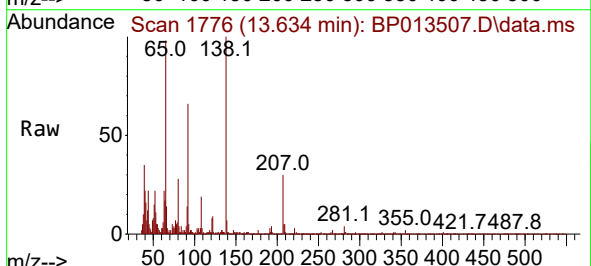
Tgt Ion: 65 Resp: 30319

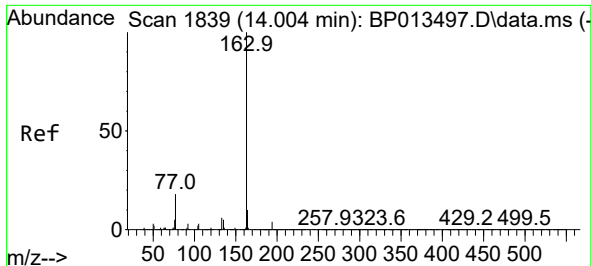
Ion Ratio Lower Upper

65 100

92 67.6 53.5 80.3

138 102.0 79.4 119.0





#47

Dimethylphthalate

Concen: 1.841 ng/ul

RT: 13.998 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

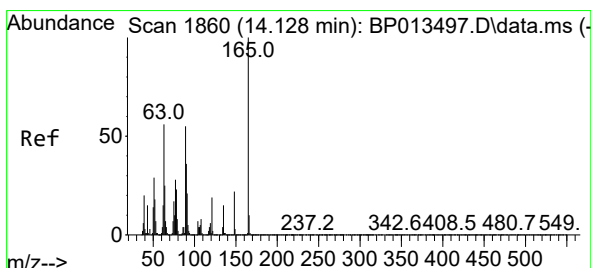
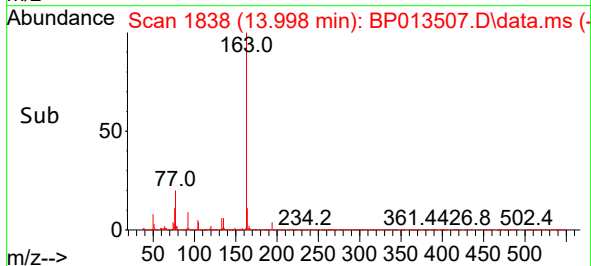
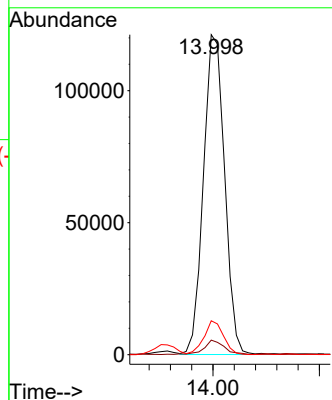
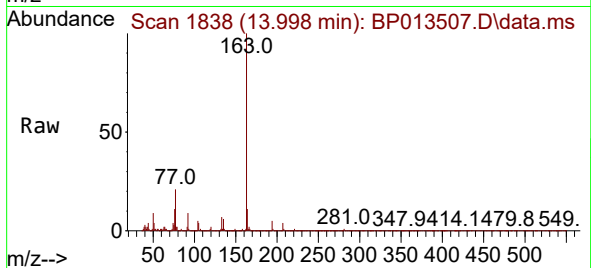
Tgt Ion:163 Resp: 167771

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.6 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 1.593 ng/ul

RT: 14.128 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

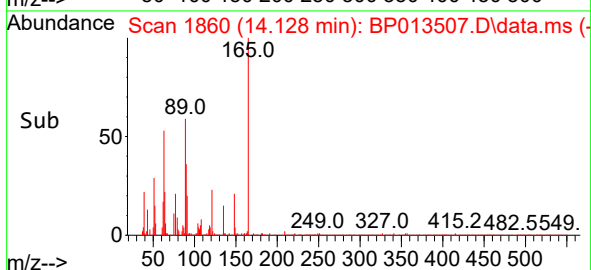
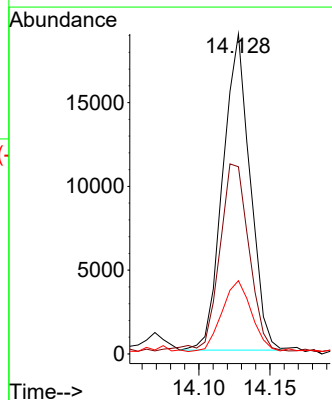
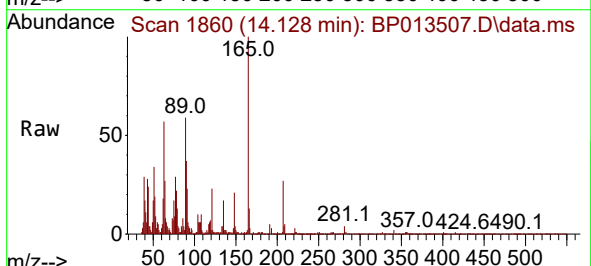
Tgt Ion:165 Resp: 25128

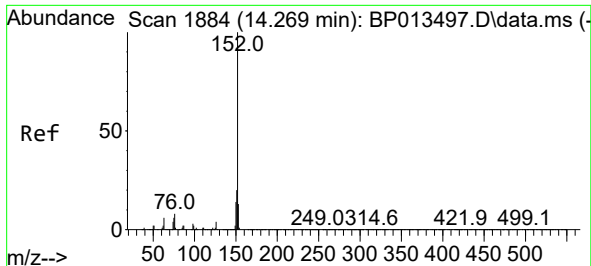
Ion Ratio Lower Upper

165 100

89 58.5 47.1 70.7

121 22.9 17.3 25.9

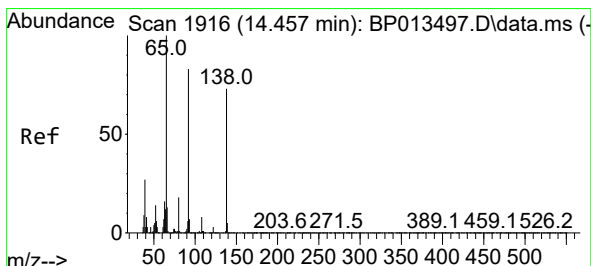
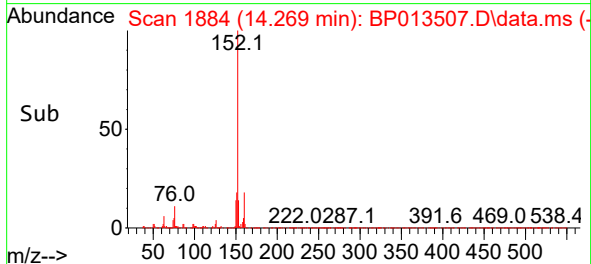
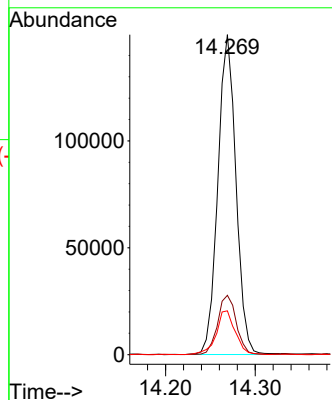
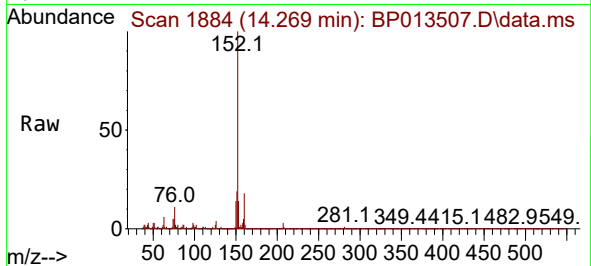




#50
Acenaphthylene
Concen: 1.885 ng/ul
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

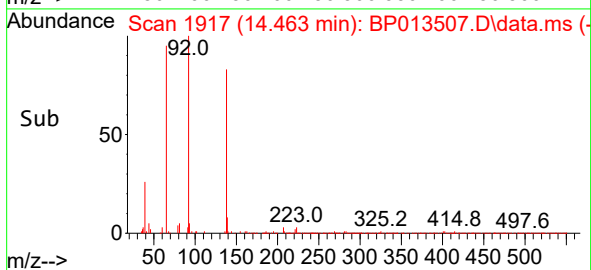
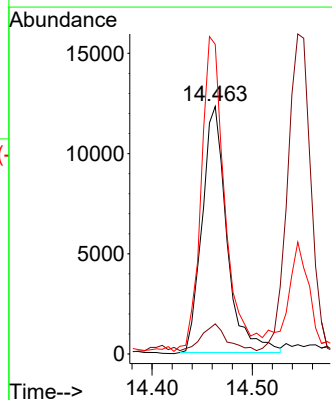
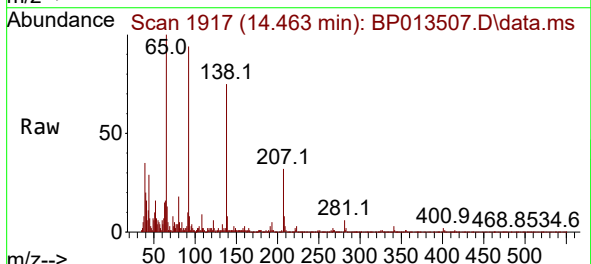
Instrument :
BNA_P
ClientSampleId :
BH1Z5

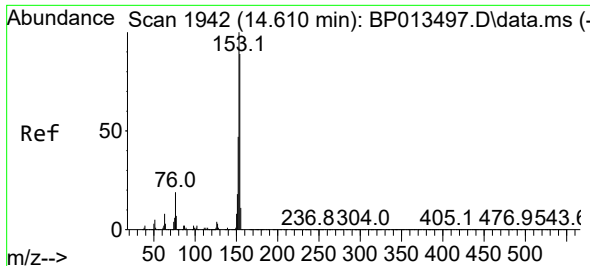
Tgt Ion:152 Resp: 209725
Ion Ratio Lower Upper
152 100
151 18.5 15.8 23.8
153 13.7 10.3 15.5



#51
3-Nitroaniline
Concen: 1.267 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:138 Resp: 21166
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 125.1 95.0 142.4

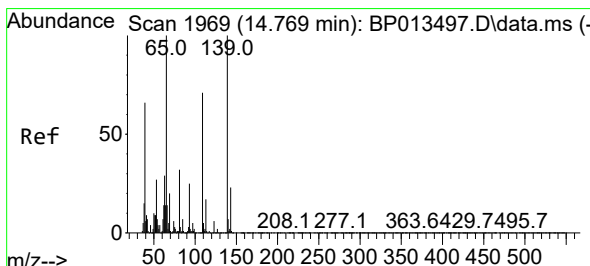
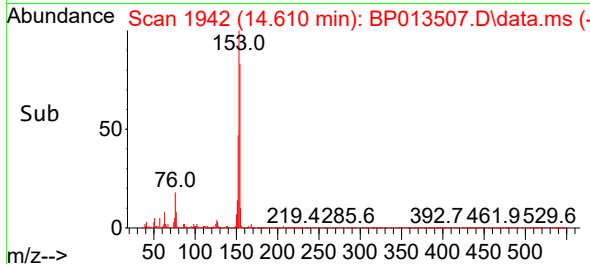
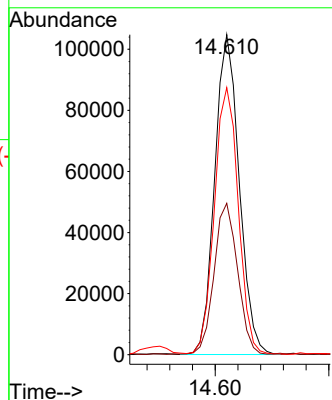
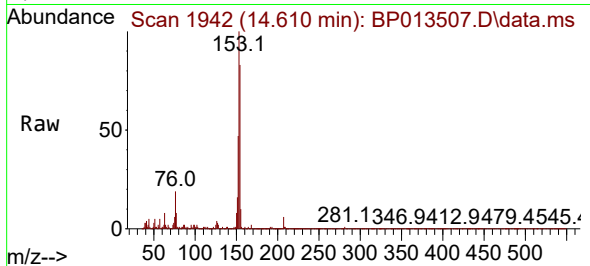




#52
Acenaphthene
Concen: 1.973 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

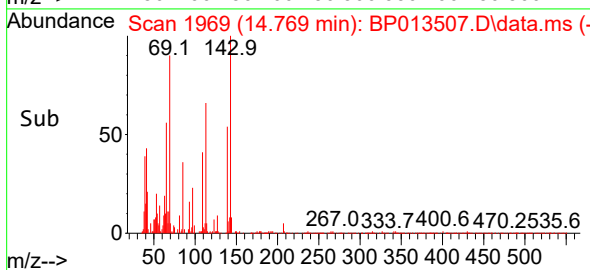
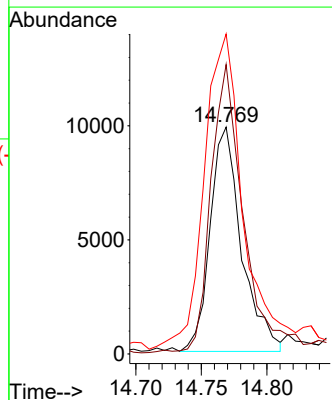
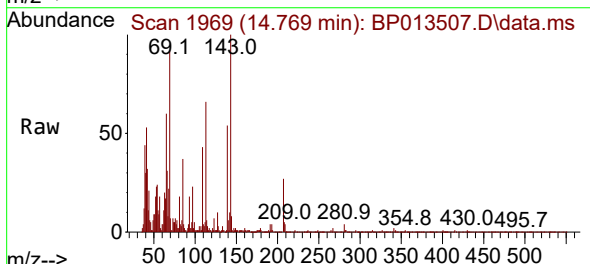
Instrument :
BNA_P
ClientSampleId :
BH1Z5

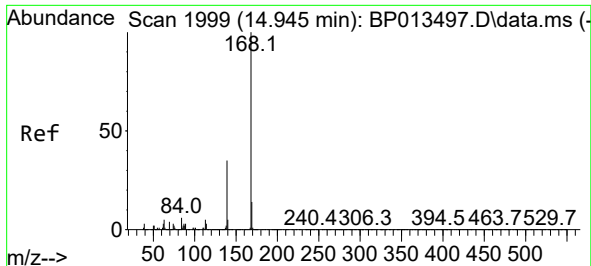
Tgt Ion:153 Resp: 157059
Ion Ratio Lower Upper
153 100
152 47.3 38.4 57.6
154 83.5 70.6 106.0



#55
4-Nitrophenol
Concen: 1.293 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:109 Resp: 16400
Ion Ratio Lower Upper
109 100
139 127.6 109.2 163.8
65 141.1 116.6 174.8

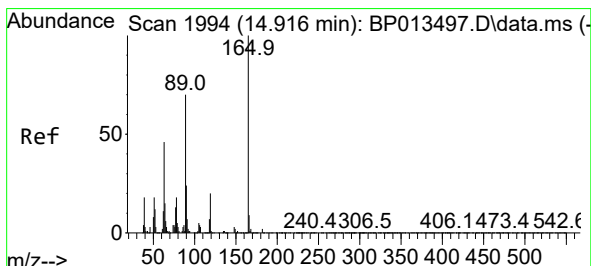
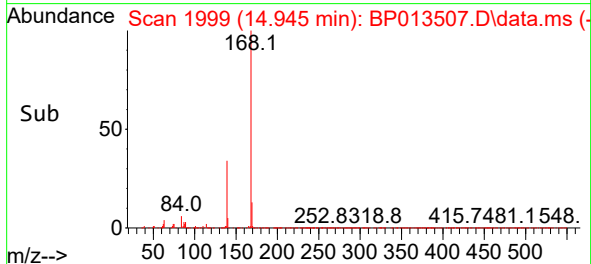
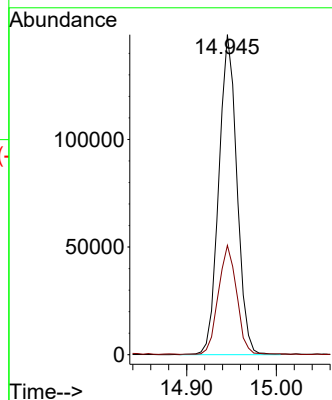
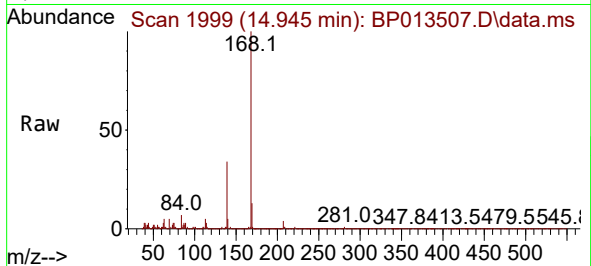




#56
Dibenzenofuran
Concen: 1.820 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

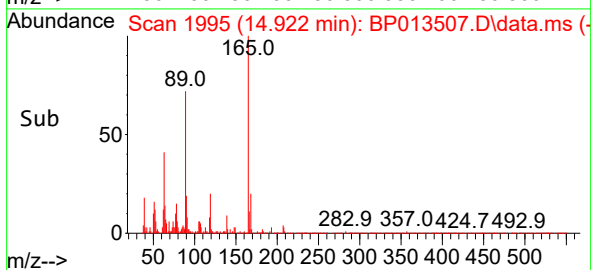
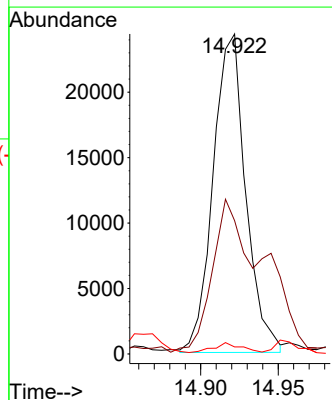
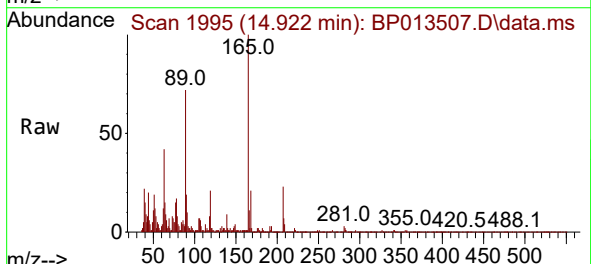
Instrument :
BNA_P
ClientSampleId :
BH1Z5

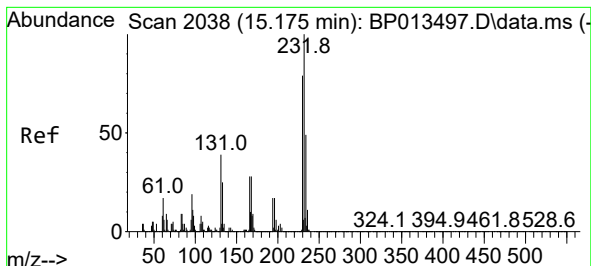
Tgt Ion:168 Resp: 208124
Ion Ratio Lower Upper
168 100
139 34.1 27.4 41.2



#57
2,4-Dinitrotoluene
Concen: 1.518 ng/ul
RT: 14.922 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:165 Resp: 35600
Ion Ratio Lower Upper
165 100
63 41.7 37.3 55.9
182 2.2 2.0 3.0

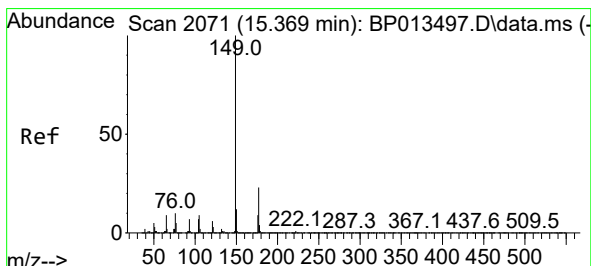
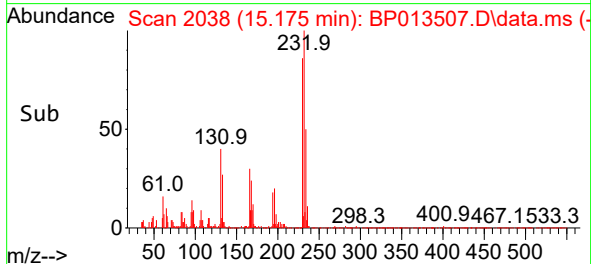
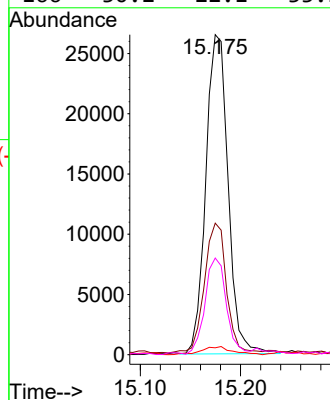
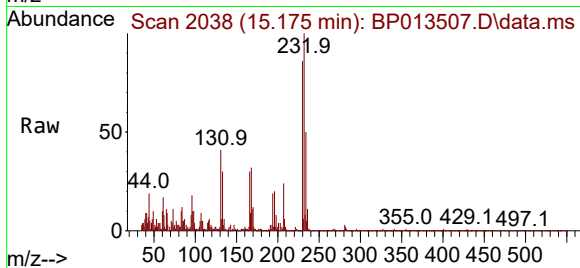




#58
2,3,4,6-Tetrachlorophenol
Concen: 1.707 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

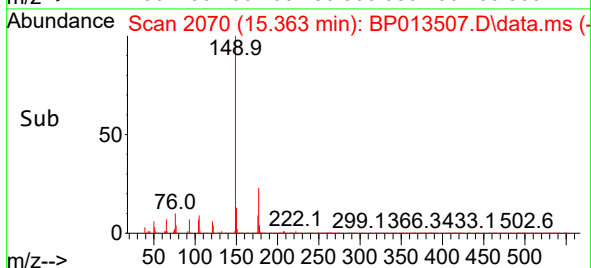
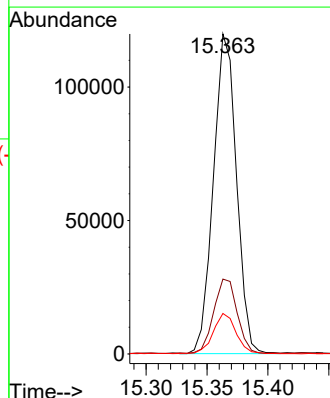
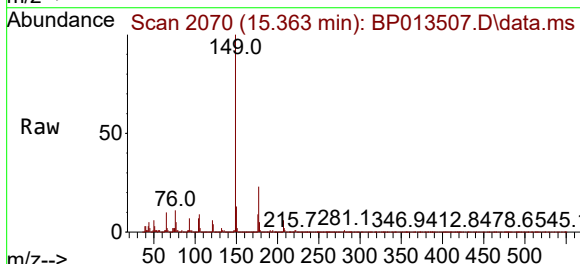
Instrument :
BNA_P
ClientSampleId :
BH1Z5

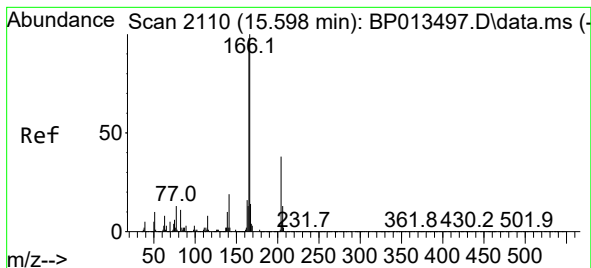
Tgt Ion:232	Resp:	40902
Ion Ratio	Lower	Upper
232	100	
131	41.1	30.7 46.1
130	2.1	1.7 2.5
166	30.2	22.1 33.1



#59
Diethylphthalate
Concen: 1.847 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:149	Resp:	157519
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.9 28.3
150	12.6	9.9 14.9





#61

Fluorene

Concen: 1.779 ng/ul

RT: 15.598 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

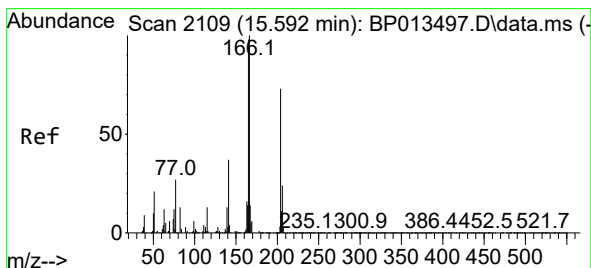
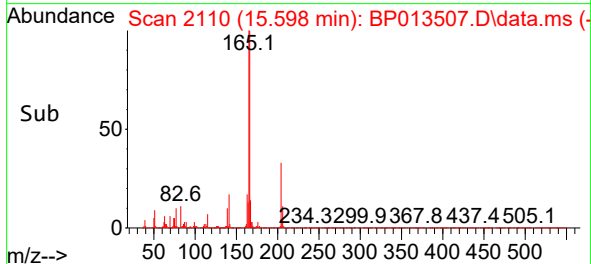
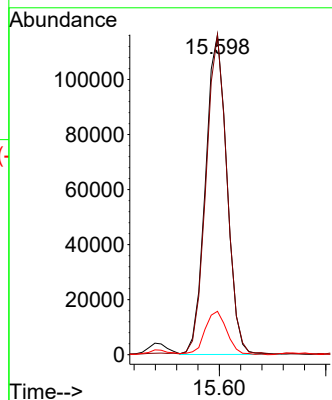
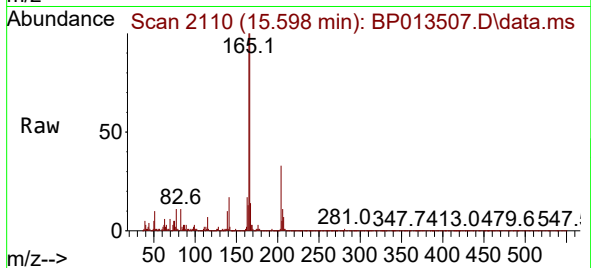
Tgt Ion:166 Resp: 162429

Ion Ratio Lower Upper

166 100

165 100.0 78.0 117.0

167 13.6 10.8 16.2



#62

4-Chlorophenyl-phenylether

Concen: 1.832 ng/ul

RT: 15.592 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

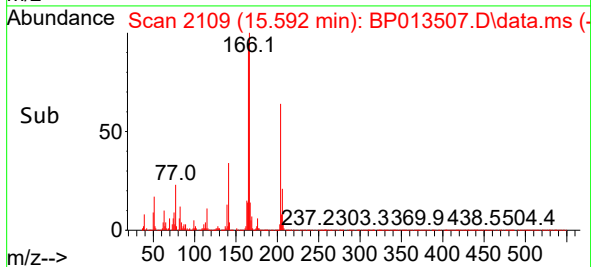
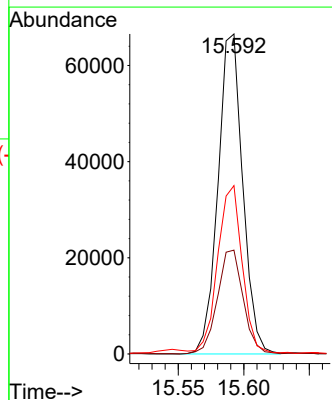
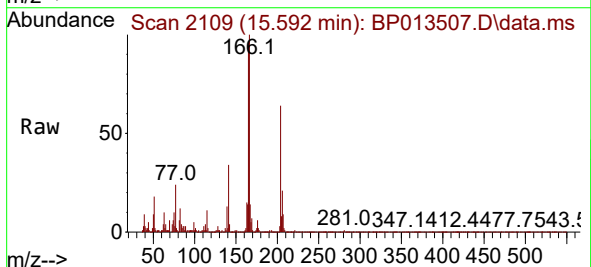
Tgt Ion:204 Resp: 87346

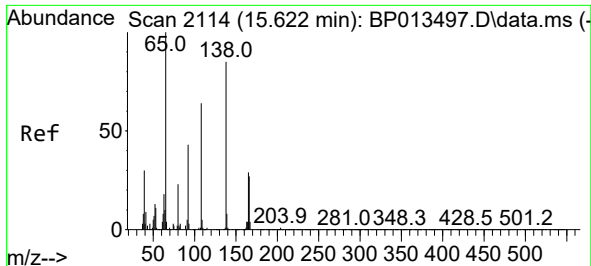
Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

141 52.6 39.3 58.9

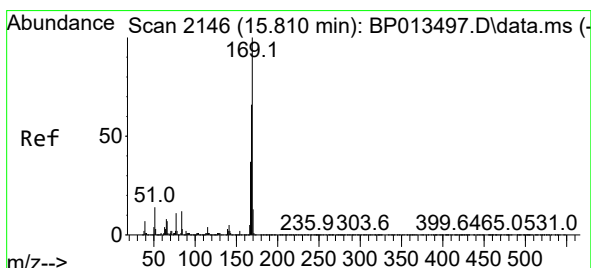
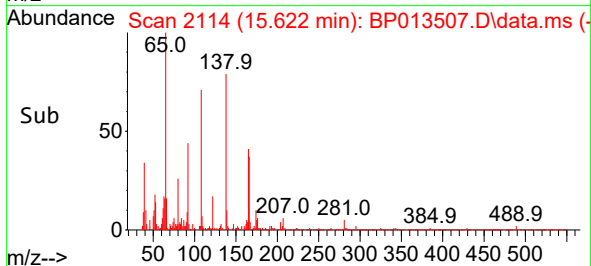
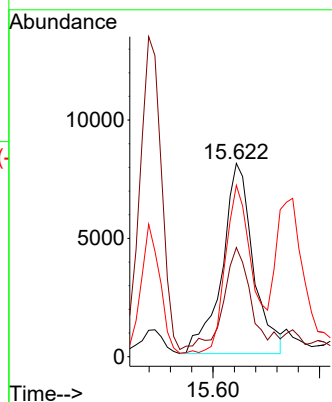
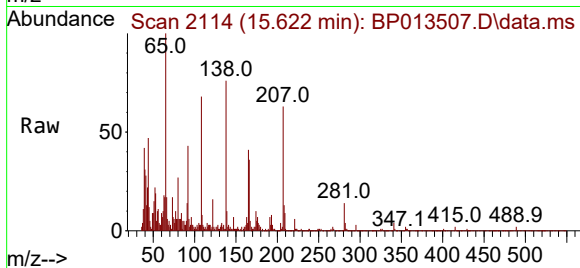




#63
4-Nitroaniline
Concen: 1.057 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

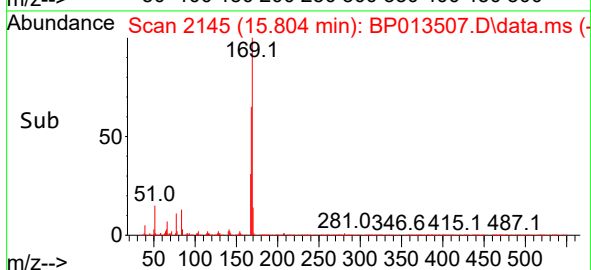
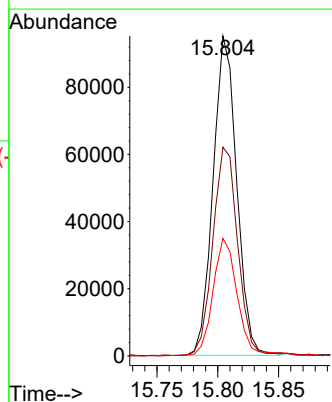
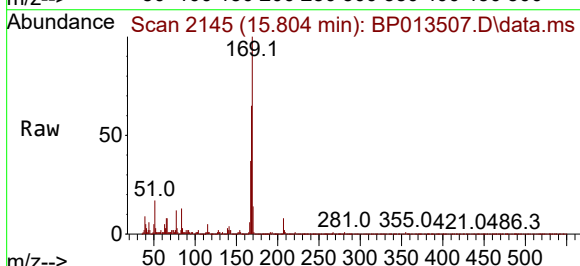
Instrument :
BNA_P
ClientSampleId :
BH1Z5

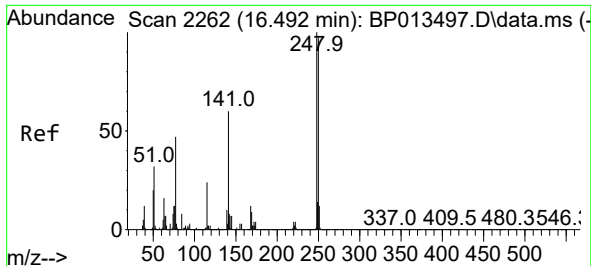
Tgt Ion:138 Resp: 16336
Ion Ratio Lower Upper
138 100
92 56.4 43.1 64.7
108 88.7 63.6 95.4



#67
N-Nitrosodiphenylamine
Concen: 1.787 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:169 Resp: 128363
Ion Ratio Lower Upper
169 100
168 65.3 52.9 79.3
167 36.8 29.3 43.9

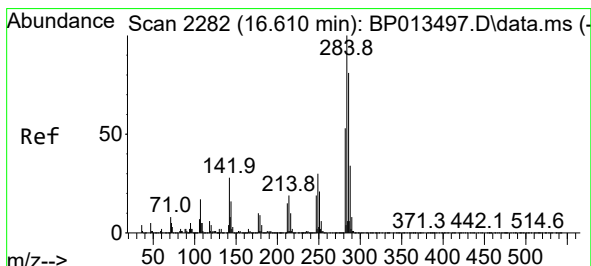
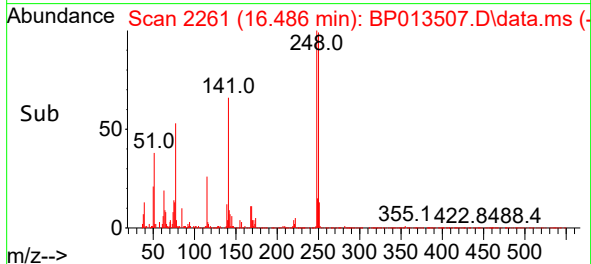
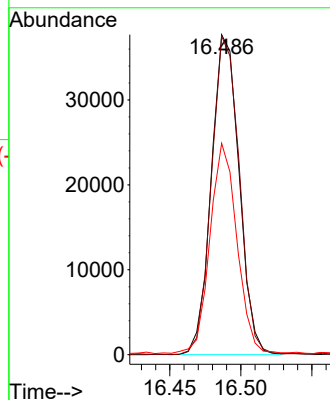
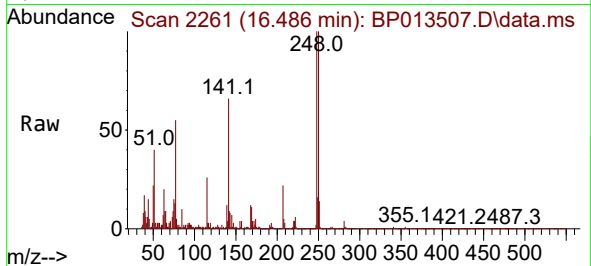




#68
4-Bromophenyl-phenylether
Concen: 1.862 ng/ul
RT: 16.486 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

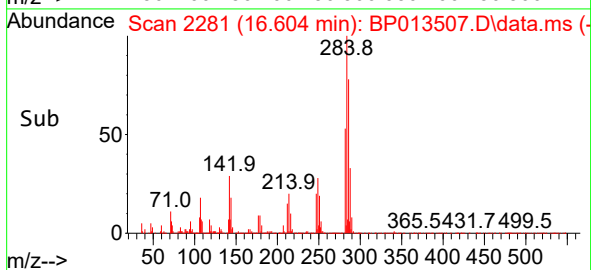
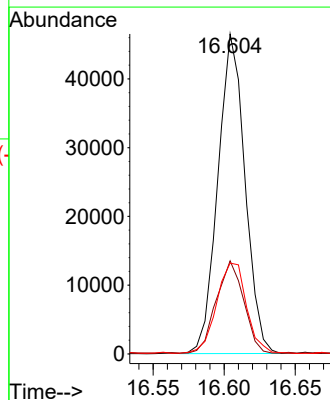
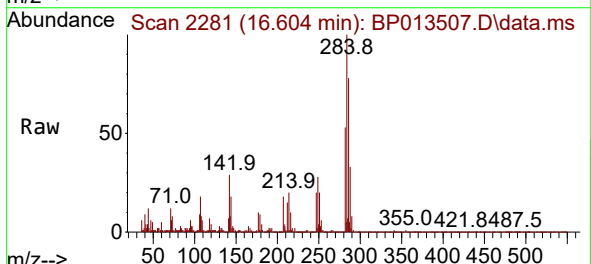
Instrument :
BNA_P
ClientSampleId :
BH1Z5

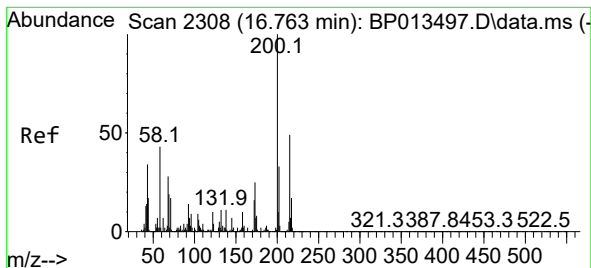
Tgt Ion:248	Resp:	51227
Ion Ratio	Lower	Upper
248	100	
250	99.5	78.5 117.7
141	66.0	53.0 79.4



#69
Hexachlorobenzene
Concen: 1.859 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:284	Resp:	61675
Ion Ratio	Lower	Upper
284	100	
142	29.1	24.8 37.2
249	28.4	24.1 36.1





#70

Atrazine

Concen: 1.729 ng/ul

RT: 16.763 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

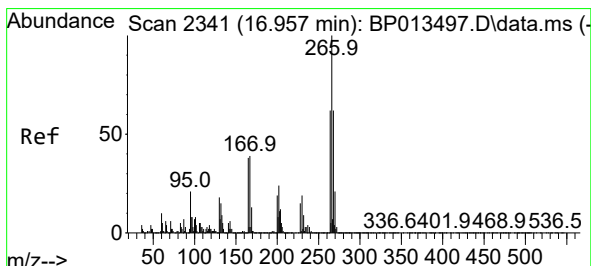
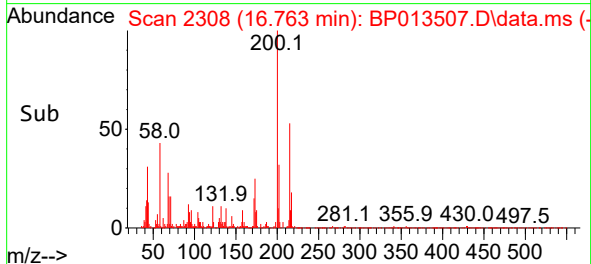
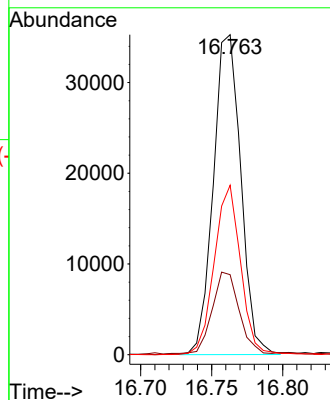
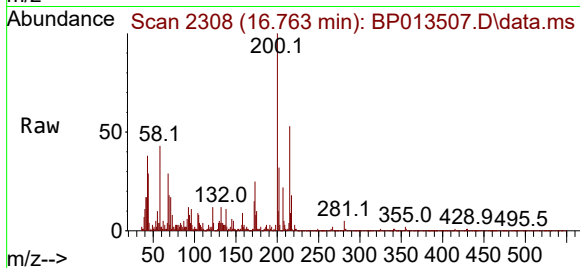
Tgt Ion:200 Resp: 47477

Ion Ratio Lower Upper

200 100

173 25.0 19.2 28.8

215 52.9 39.0 58.4



#71

Pentachlorophenol

Concen: 1.293 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

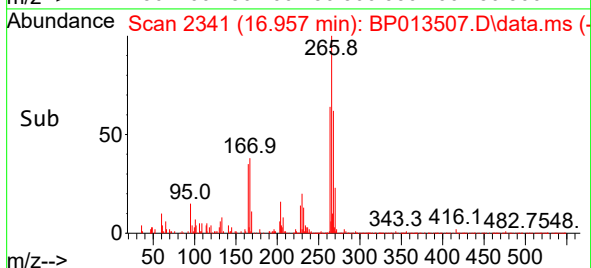
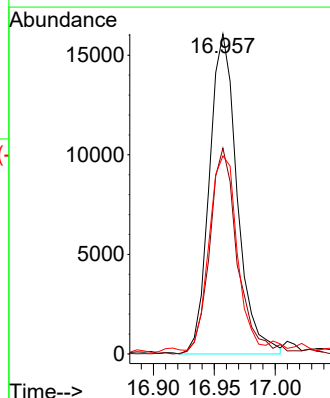
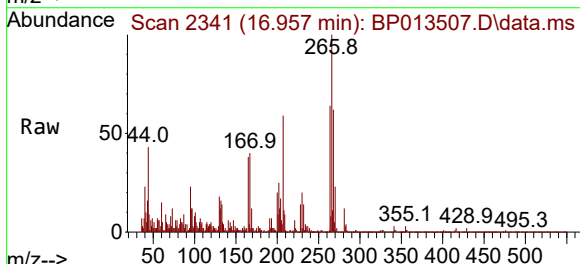
Tgt Ion:266 Resp: 25527

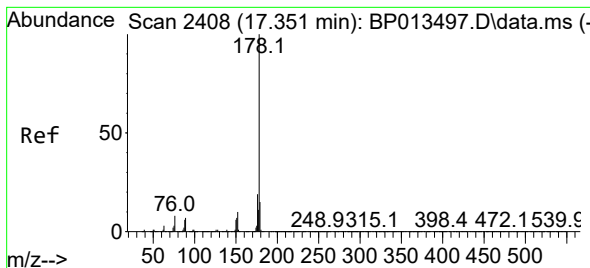
Ion Ratio Lower Upper

266 100

264 64.3 49.7 74.5

268 61.9 49.4 74.0





#72

Phenanthrene

Concen: 1.811 ng/ul

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

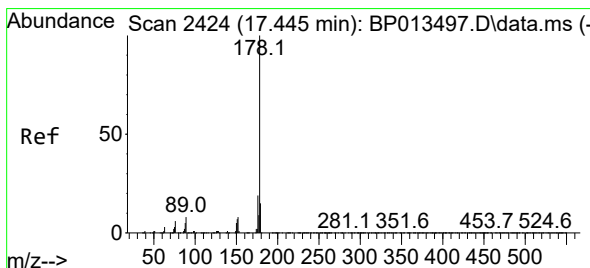
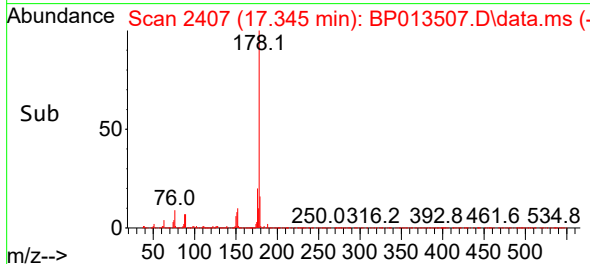
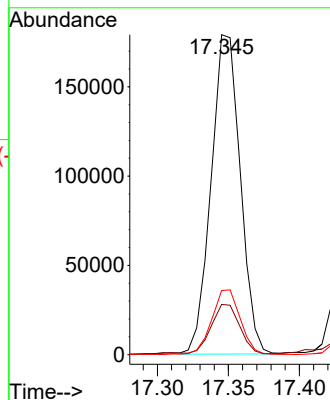
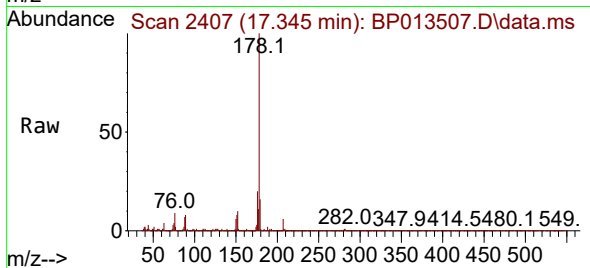
Tgt Ion:178 Resp: 255750

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 20.1 15.4 23.0



#74

Anthracene

Concen: 1.810 ng/ul

RT: 17.439 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

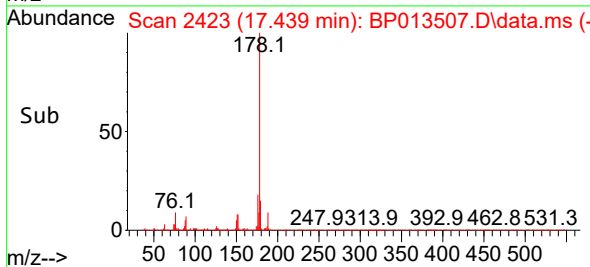
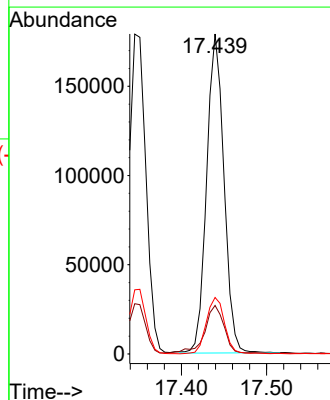
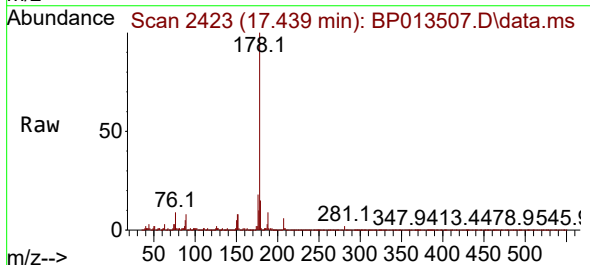
Tgt Ion:178 Resp: 252537

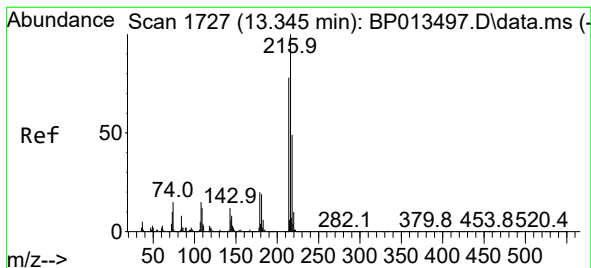
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 17.7 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 1.927 ng/uL

RT: 13.345 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

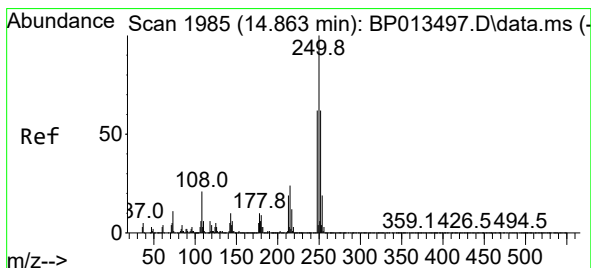
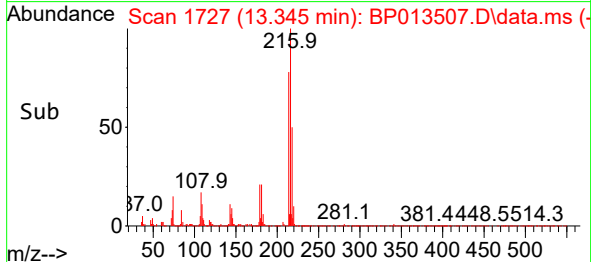
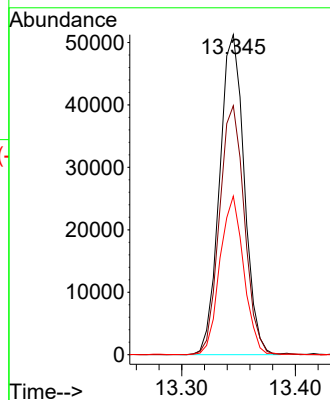
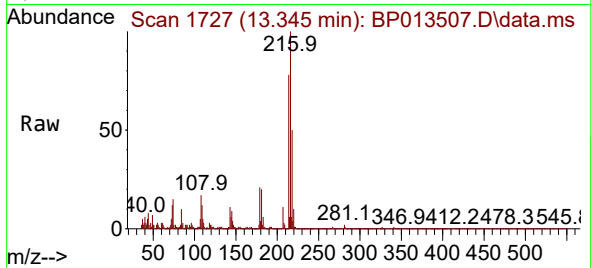
Tgt Ion:216 Resp: 77326

Ion Ratio Lower Upper

216 100

214 77.8 61.7 92.5

218 49.5 38.1 57.1



#76

Pentachlorobenzene

Concen: 1.976 ng/uL

RT: 14.863 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

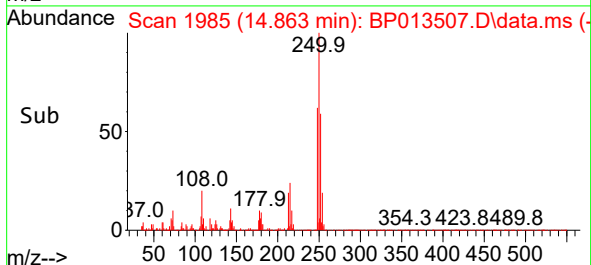
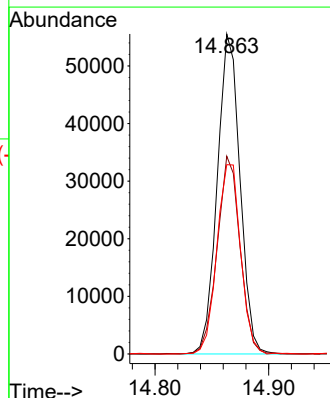
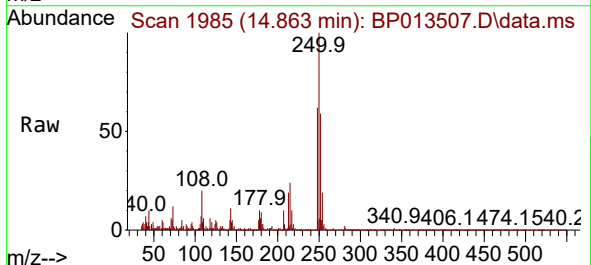
Tgt Ion:250 Resp: 77175

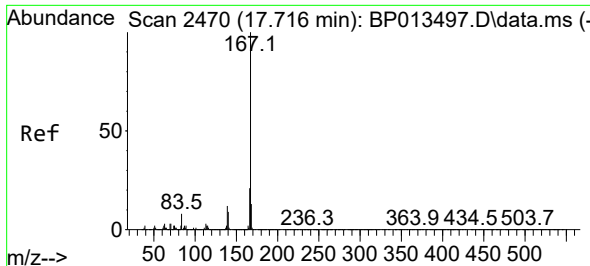
Ion Ratio Lower Upper

250 100

248 61.8 50.0 75.0

252 59.2 51.1 76.7

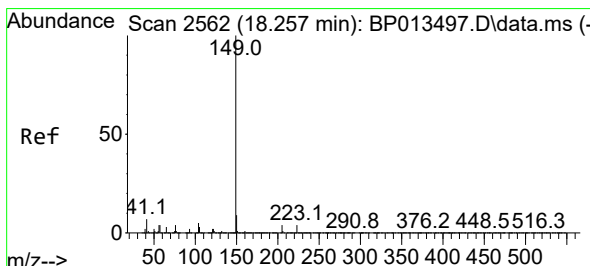
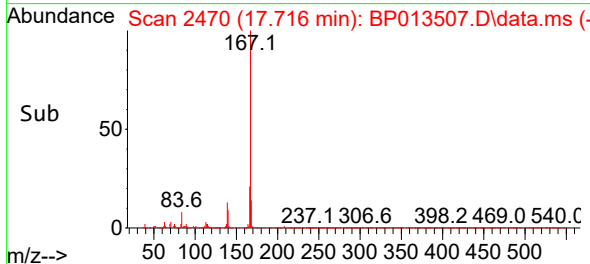
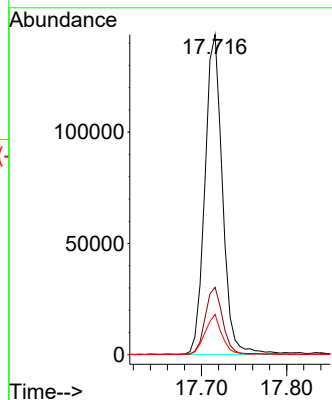
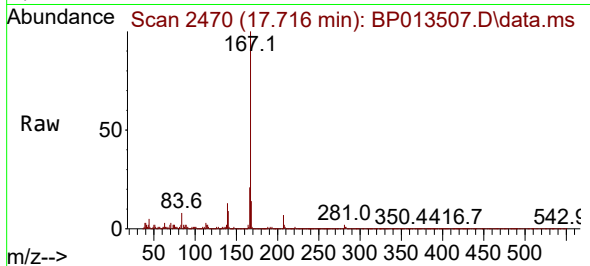




#77
 Carbazole
 Concen: 1.699 ng/ul
 RT: 17.716 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BP013507.D
 Acq: 17 Jan 2023 22:31

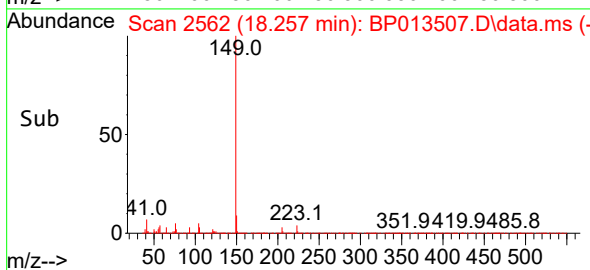
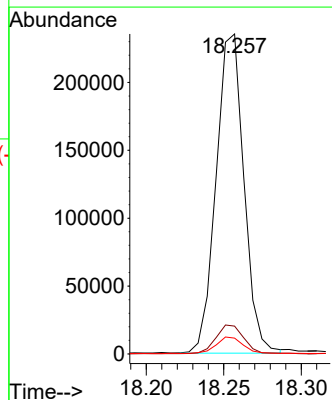
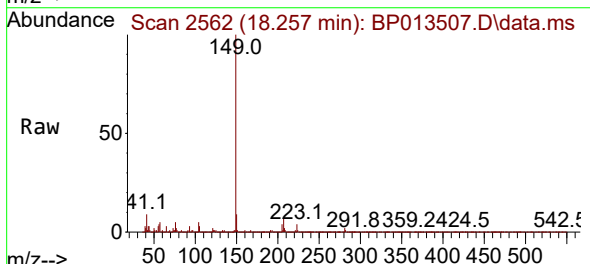
Instrument :
 BNA_P
 ClientSampleId :
 BH1Z5

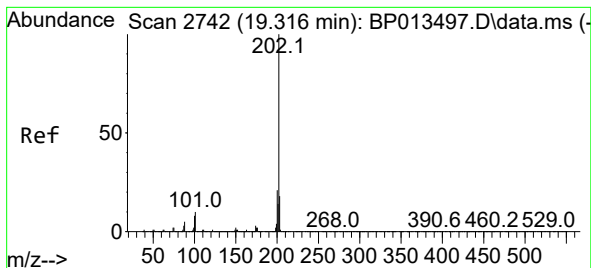
Tgt Ion:167 Resp: 205329
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 12.6 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 2.480 ng/ul
 RT: 18.257 min Scan# 2562
 Delta R.T. 0.000 min
 Lab File: BP013507.D
 Acq: 17 Jan 2023 22:31

Tgt Ion:149 Resp: 293884
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.1 10.7
 104 4.9 4.3 6.5





#80

Fluoranthene

Concen: 1.881 ng/ul

RT: 19.316 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

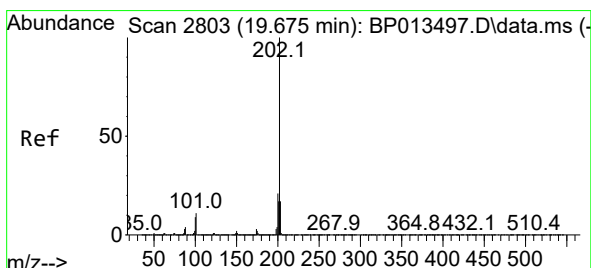
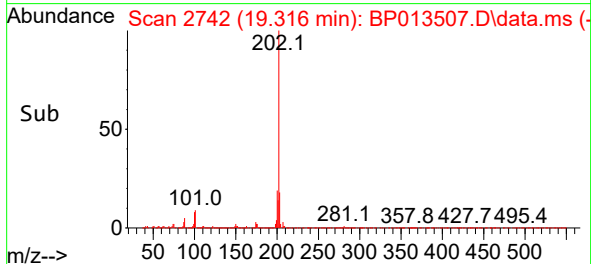
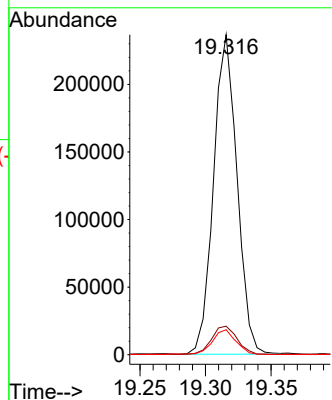
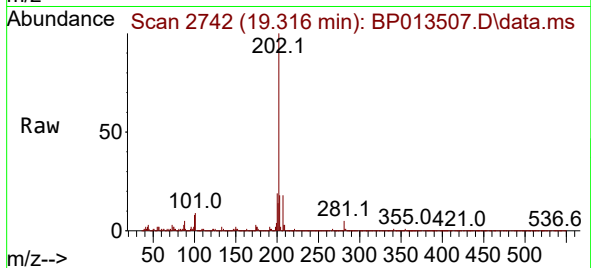
Tgt Ion:202 Resp: 294289

Ion Ratio Lower Upper

202 100

101 8.9 8.3 12.5

100 7.8 6.8 10.2



#82

Pyrene

Concen: 1.933 ng/ul

RT: 19.669 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

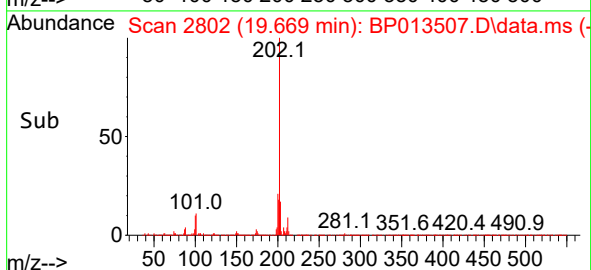
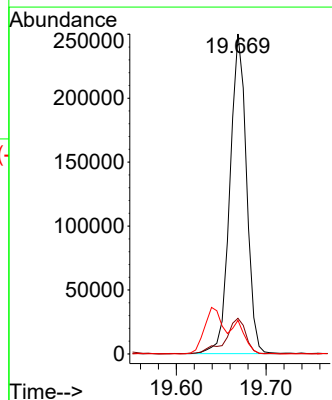
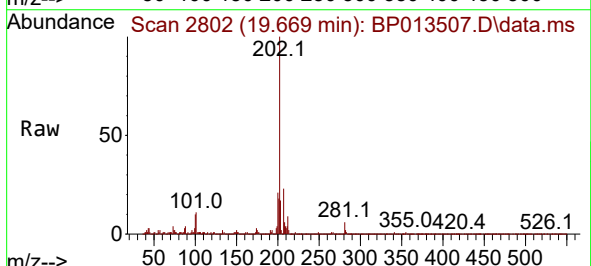
Tgt Ion:202 Resp: 320390

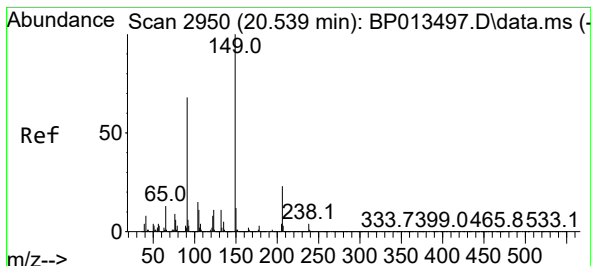
Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

100 10.5 7.4 11.2





#83

Butylbenzylphthalate

Concen: 2.196 ng/ul

RT: 20.533 min Scan# 2950

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

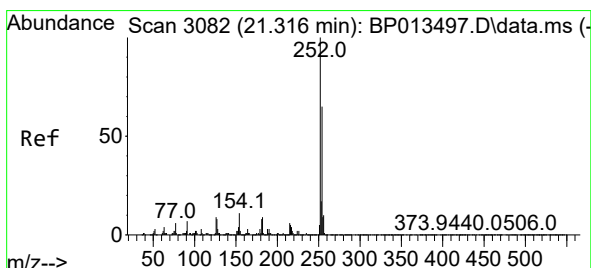
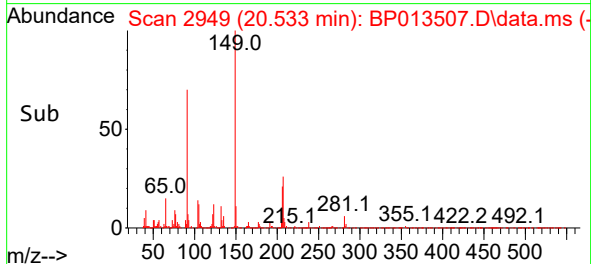
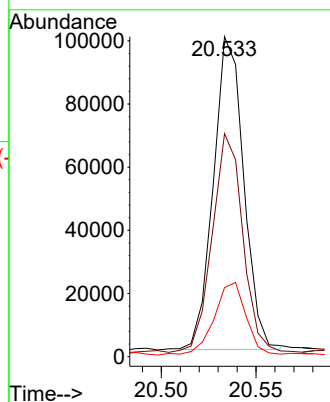
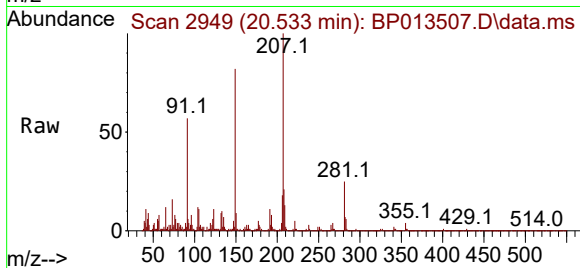
Tgt Ion:149 Resp: 110444

Ion Ratio Lower Upper

149 100

91 69.7 55.8 83.6

206 21.6 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 1.720 ng/ul

RT: 21.310 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

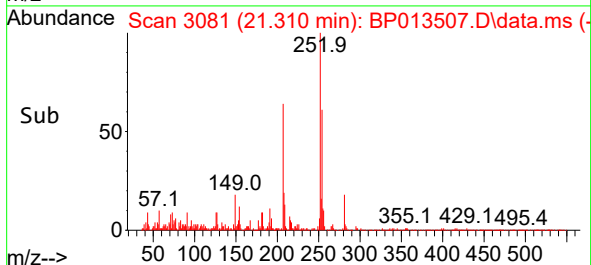
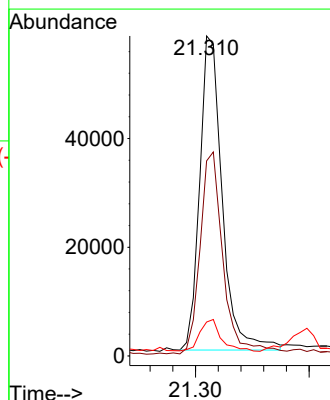
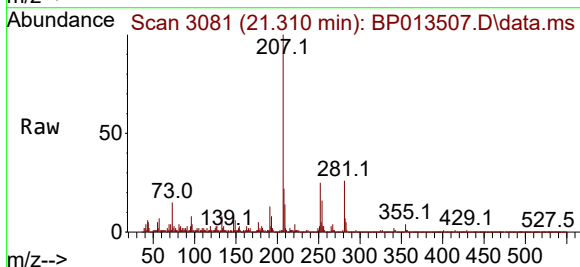
Tgt Ion:252 Resp: 79645

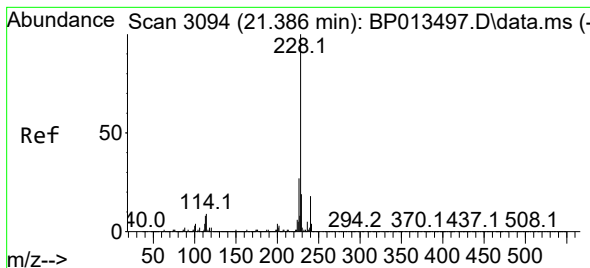
Ion Ratio Lower Upper

252 100

254 61.0 51.0 76.4

126 10.6 7.0 10.4#





#85

Benzo(a)anthracene

Concen: 1.882 ng/ul

RT: 21.380 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

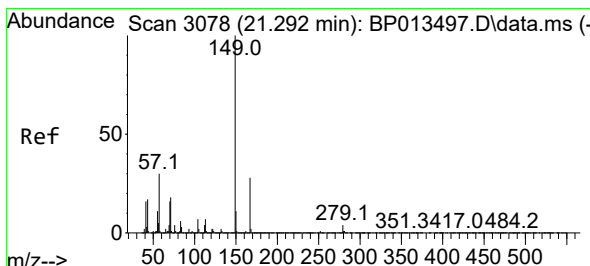
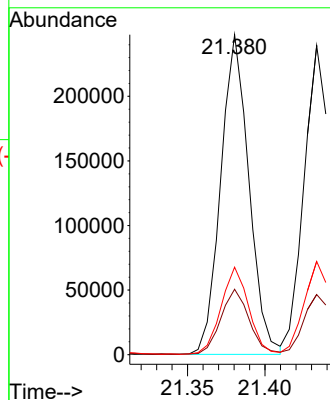
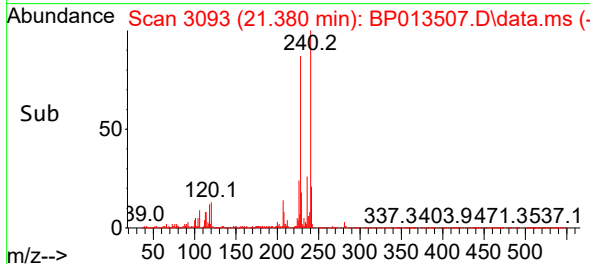
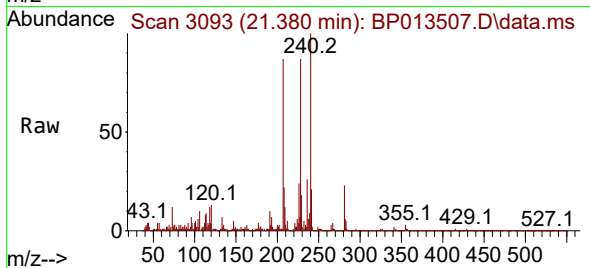
Tgt Ion:228 Resp: 313131

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

226 27.4 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.232 ng/ul

RT: 21.292 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

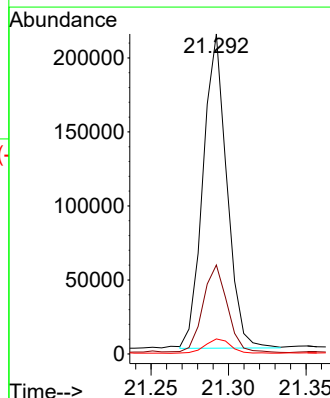
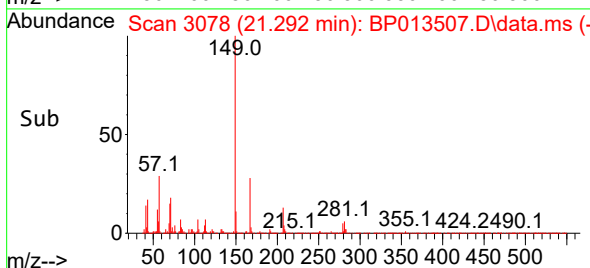
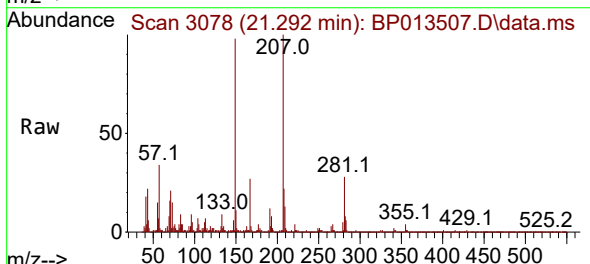
Tgt Ion:149 Resp: 226496

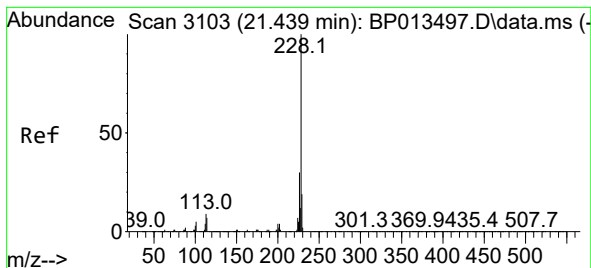
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.7 3.5 5.3





#87

Chrysene

Concen: 1.817 ng/ul

RT: 21.433 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

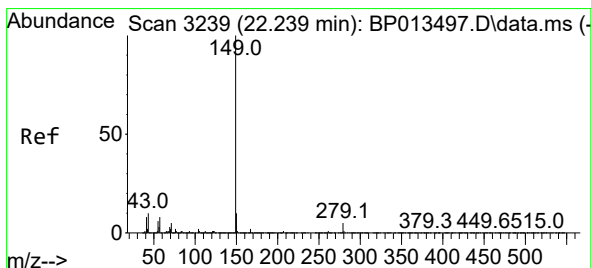
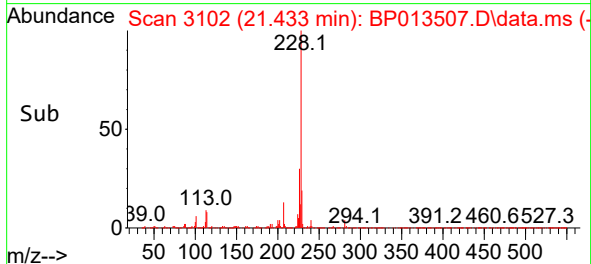
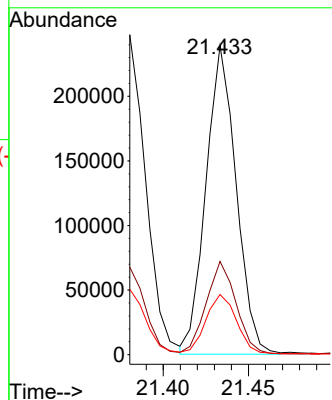
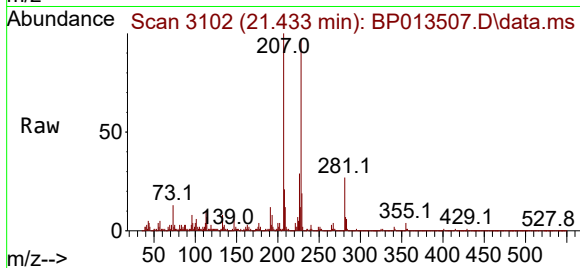
Tgt Ion:228 Resp: 294661

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: 2.214 ng/ul

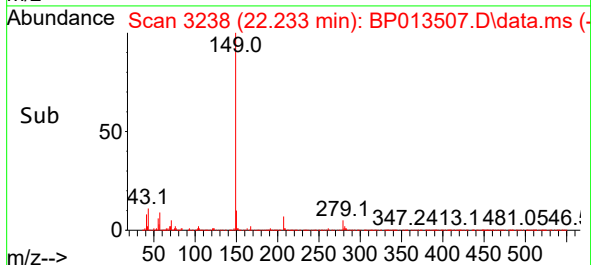
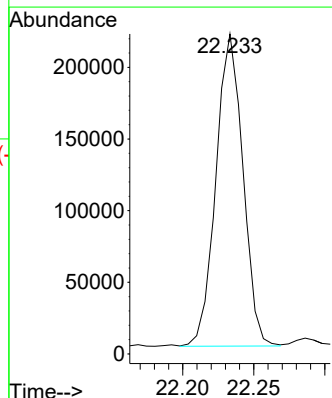
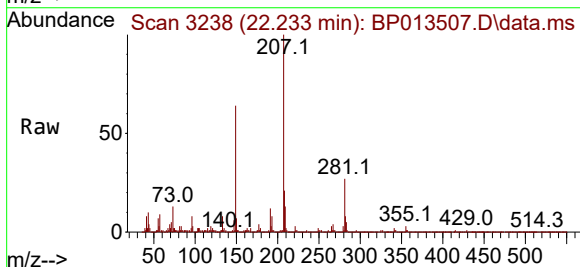
RT: 22.233 min Scan# 3238

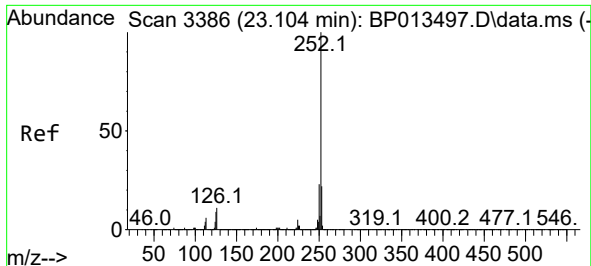
Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Tgt Ion:149 Resp: 287932

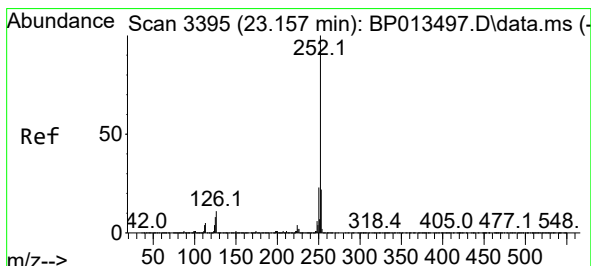
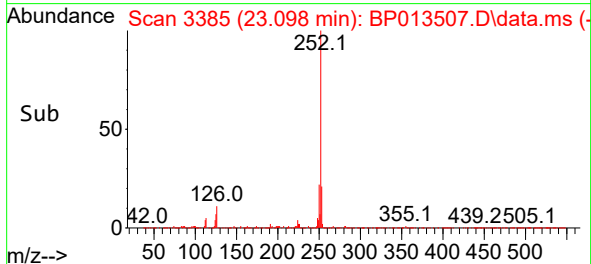
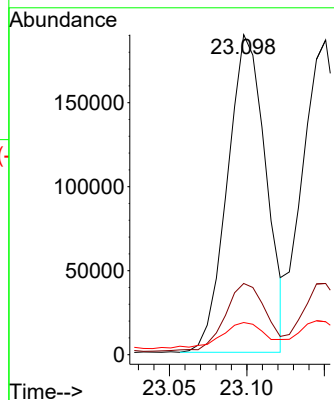
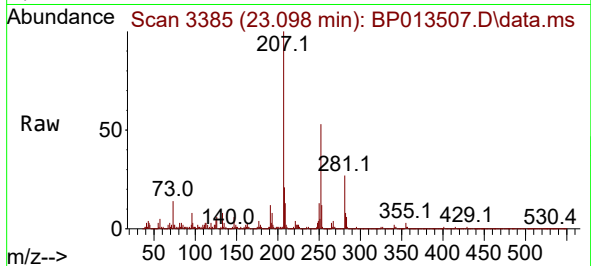




#90
Benzo(b)fluoranthene
Concen: 1.703 ng/ul
RT: 23.098 min Scan# 3385
Delta R.T. -0.006 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

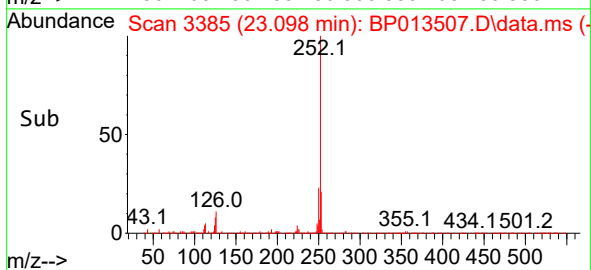
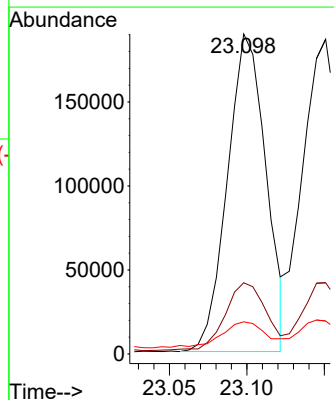
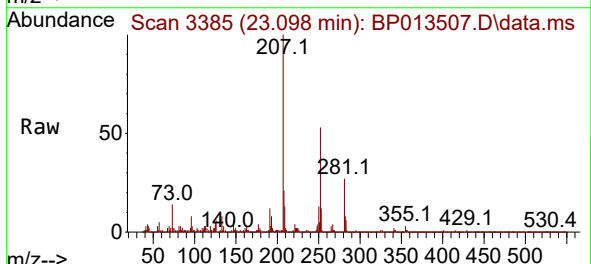
Instrument :
BNA_P
ClientSampleId :
BH1Z5

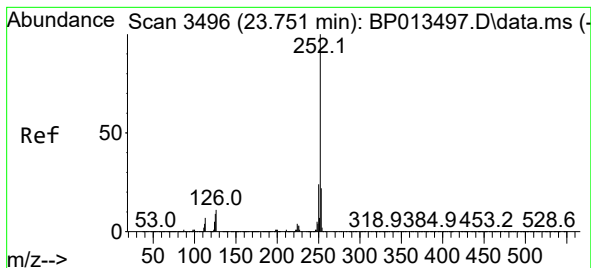
Tgt Ion:252 Resp: 326898
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.1 7.1 10.7



#91
Benzo(k)fluoranthene
Concen: 1.785 ng/ul
RT: 23.098 min Scan# 3385
Delta R.T. -0.059 min
Lab File: BP013507.D
Acq: 17 Jan 2023 22:31

Tgt Ion:252 Resp: 326898
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.1 6.9 10.3





#93

Benzo(a)pyrene

Concen: 1.788 ng/ul

RT: 23.745 min Scan# 3496

Delta R.T. -0.006 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

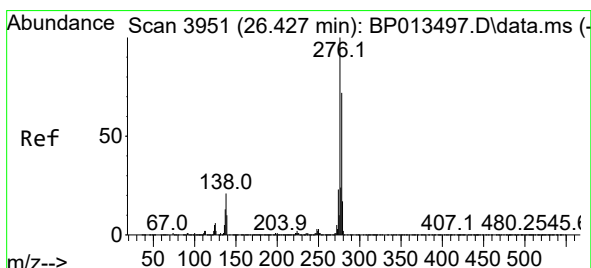
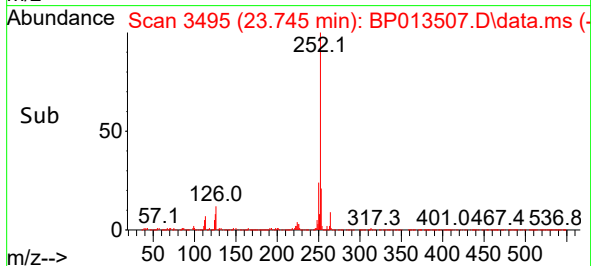
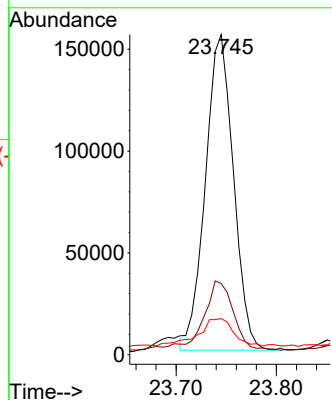
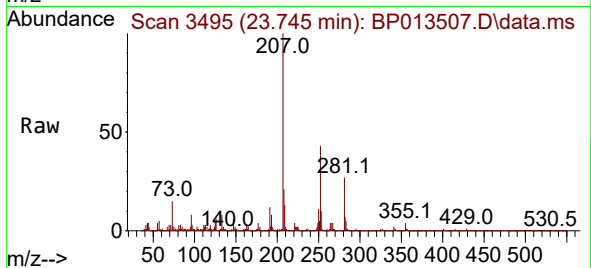
Tgt Ion:252 Resp: 301332

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 11.3 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.781 ng/ul

RT: 26.409 min Scan# 3948

Delta R.T. -0.018 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

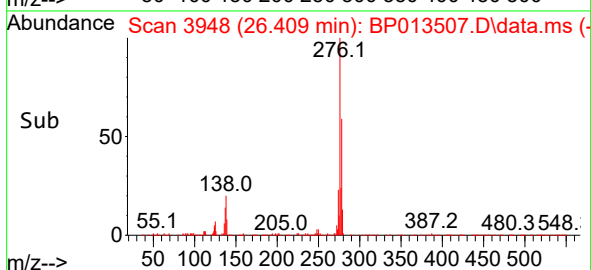
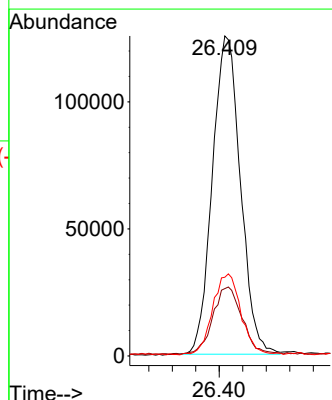
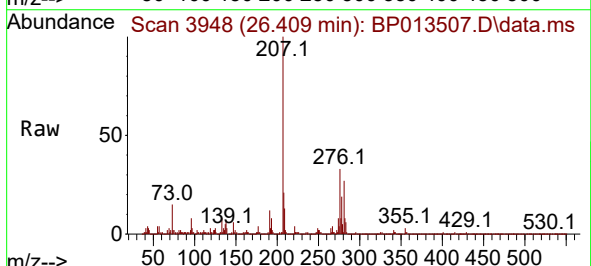
Tgt Ion:276 Resp: 415908

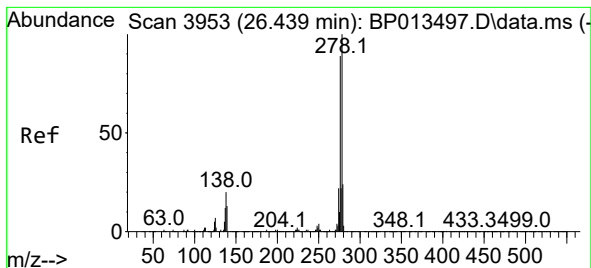
Ion Ratio Lower Upper

276 100

138 21.0 17.3 25.9

277 24.6 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 1.745 ng/ul

RT: 26.421 min Scan# 3950

Delta R.T. -0.018 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Instrument :

BNA_P

ClientSampleId :

BH1Z5

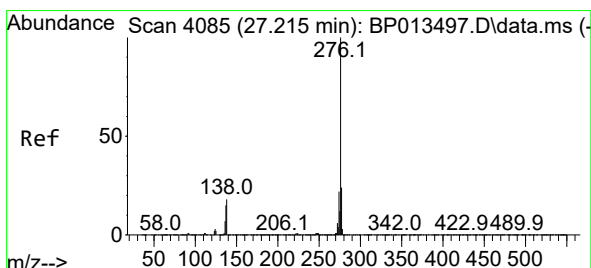
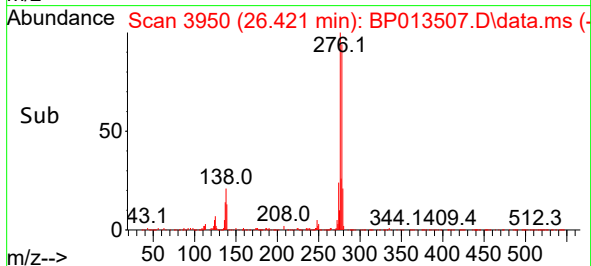
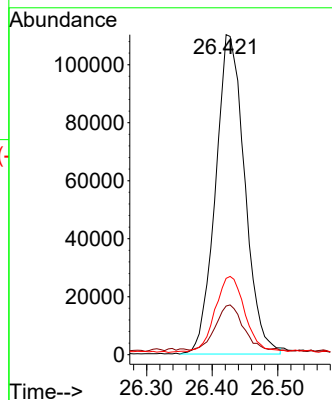
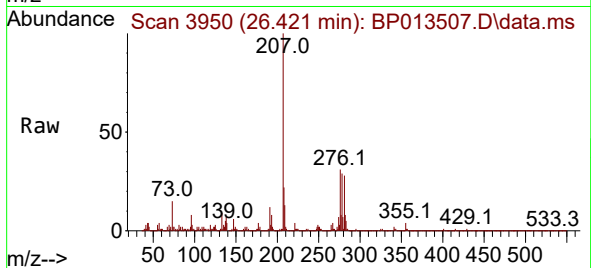
Tgt Ion:278 Resp: 339905

Ion Ratio Lower Upper

278 100

139 15.2 11.3 16.9

279 23.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 1.806 ng/ul

RT: 27.198 min Scan# 4082

Delta R.T. -0.018 min

Lab File: BP013507.D

Acq: 17 Jan 2023 22:31

Tgt Ion:276 Resp: 346855

Ion Ratio Lower Upper

276 100

138 20.0 14.5 21.7

277 23.2 18.8 28.2

