

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
 Data File : BP013423.D
 Acq On : 10 Jan 2023 12:25
 Operator : CG/JU
 Sample : PB150112BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 10 23:19:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	486739	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	2041194	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	1322393	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	2992177	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2968220	20.000	ng/u1	0.01
88) Perylene-d12	23.886	264	3241444	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	58824	4.698	ng/uL	0.00
4) Pyridine-d5	3.734	84	842646	24.126	ng/u1	0.00
7) Phenol-d5	7.081	99	1064441	26.355	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	689529	27.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	840770	27.914	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	837139	27.206	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	400799	27.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	455021	28.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	879866	27.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	1039545	23.273	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	2674657	27.761	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	2952180	27.682	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	488872	27.722	ng/u1	0.00
60) Fluorene-d10	15.563	176	2287831	26.884	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	513415	27.061	ng/u1	0.01
73) Anthracene-d10	17.433	188	3634540	27.481	ng/u1	0.01
81) Pyrene-d10	19.663	212	4406791	27.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	4392843	27.590	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	128420	9.312	ng/uL	99
5) Pyridine	3.758	79	871505	24.676	ng/u1	98
6) Benzaldehyde	7.058	77	625743	40.621	ng/u1	96
8) Phenol	7.111	94	1137984	27.234	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.346	93	927391	28.068	ng/u1	99
12) 2-Chlorophenol	7.481	128	892616	28.448	ng/u1	97
13) 2-Methylphenol	8.369	108	841483	28.042	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	1496181	29.345	ng/u1	99
16) Acetophenone	8.752	105	1379025	28.396	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.734	70	716909	30.876	ng/u1	99
18) 4-Methylphenol	8.699	108	934208	28.323	ng/u1	100
19) Hexachloroethane	9.005	117	361721	28.611	ng/u1	98
22) Nitrobenzene	9.134	77	1041022	27.441	ng/u1	98
23) Isophorone	9.663	82	1965129	29.600	ng/u1	100
25) 2-Nitrophenol	9.846	139	505708	29.235	ng/u1	98
26) 2,4-Dimethylphenol	9.904	107	998417	27.667	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.146	93	1244538	28.367	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	896445	28.260	ng/u1	99
30) Naphthalene	10.787	128	2876199	26.488	ng/u1	100
32) 4-Chloroaniline	10.899	127	1078636	24.018	ng/u1	100
33) Hexachlorobutadiene	11.063	225	620069	27.221	ng/u1	99
34) Caprolactam	11.687	113	148880	15.776	ng/u1	96
35) 4-Chloro-3-methylphenol	12.022	107	921666	30.105	ng/u1	99
36) 2-Methylnaphthalene	12.393	142	1971330	28.387	ng/u1	99

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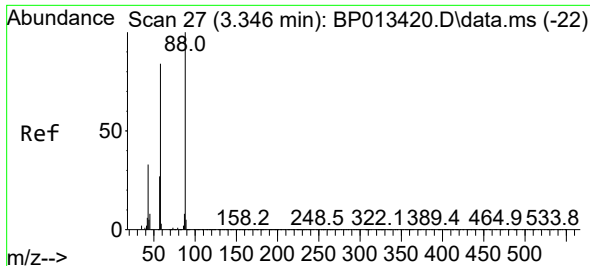
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1973399	27.396	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	1181650	26.064	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	681481	24.986	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	772465	28.965	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	834523	28.755	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	2697962	26.873	ng/ul	100
44) 2-Chloronaphthalene	13.445	162	2128062	26.268	ng/ul	100
45) 2-Nitroaniline	13.657	65	602739	30.744	ng/ul	95
47) Dimethylphthalate	14.028	163	2761623	28.690	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	534420	32.061	ng/ul	98
50) Acenaphthylene	14.292	152	3282656	27.930	ng/ul	99
51) 3-Nitroaniline	14.481	138	479274	27.146	ng/ul	99
52) Acenaphthene	14.634	153	2259891	26.864	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	344683	27.780	ng/ul	95
55) 4-Nitrophenol	14.787	109	382143	28.509	ng/ul	98
56) Dibenzofuran	14.969	168	3249538	26.896	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	788796	31.836	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	757066	29.903	ng/ul	100
59) Diethylphthalate	15.392	149	2711045	30.091	ng/ul	100
61) Fluorene	15.622	166	2677317	27.762	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	1413022	28.058	ng/ul	98
63) 4-Nitroaniline	15.645	138	544249	33.341	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	528409	28.216	ng/ul#	98
67) N-Nitrosodiphenylamine	15.828	169	2277700	28.146	ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	877069	28.298	ng/ul	99
69) Hexachlorobenzene	16.628	284	1018857	27.264	ng/ul	98
70) Atrazine	16.786	200	878350	28.392	ng/ul	98
71) Pentachlorophenol	16.975	266	620429	27.892	ng/ul	98
72) Phenanthrene	17.375	178	4363015	27.427	ng/ul	100
74) Anthracene	17.463	178	4382485	27.890	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	1199130	26.537	ng/ul	99
76) Pentachlorobenzene	14.892	250	1149389	26.126	ng/ul	99
77) Carbazole	17.739	167	3926478	28.850	ng/ul	99
78) Di-n-butylphthalate	18.281	149	4611745	34.551	ng/ul	99
80) Fluoranthene	19.339	202	5329208	28.832	ng/ul	99
82) Pyrene	19.692	202	5520539	28.188	ng/ul	98
83) Butylbenzylphthalate	20.557	149	2059874	34.661	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	1670469	30.537	ng/ul	99
85) Benzo(a)anthracene	21.404	228	5534543	28.156	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	3074421	37.139	ng/ul	100
87) Chrysene	21.463	228	5225377	27.274	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	5209670	37.497	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	5623637	27.433	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	5714498	29.214	ng/ul	100
93) Benzo(a)pyrene	23.780	252	5052204	28.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	6610555	26.507	ng/ul	100
95) Dibenzo(a,h)anthracene	26.486	278	5592474	26.882	ng/ul	100
96) Benzo(g,h,i)perylene	27.268	276	5431704	26.480	ng/ul	99

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

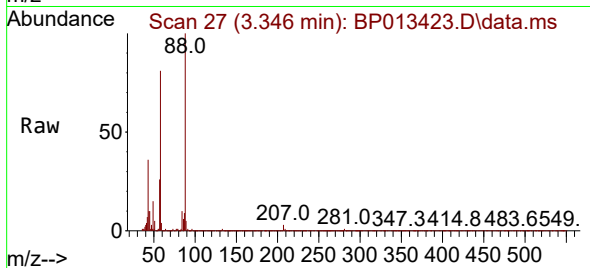
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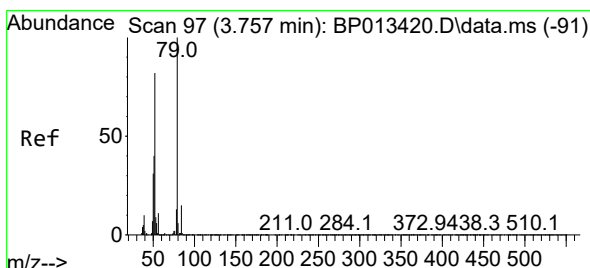
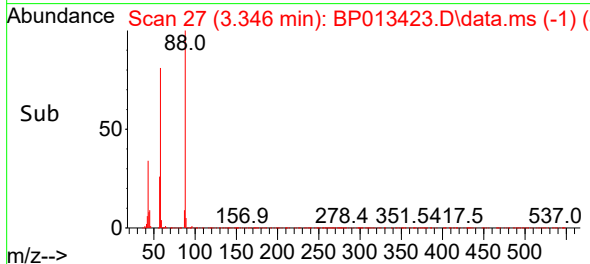
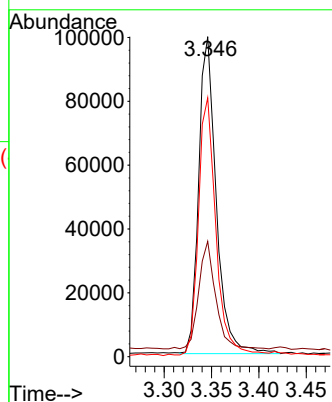


#2
1,4-Dioxane
Concen: 9.312 ng/uL
RT: 3.346 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013423.D
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BNA_P
ClientSampleId :

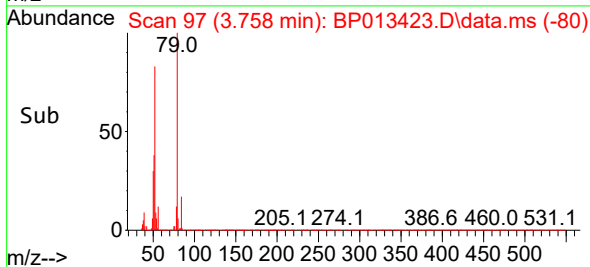
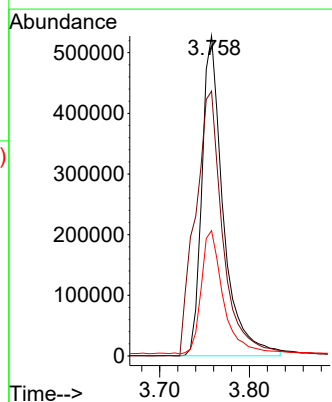
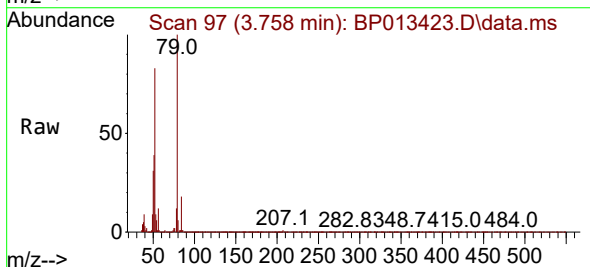


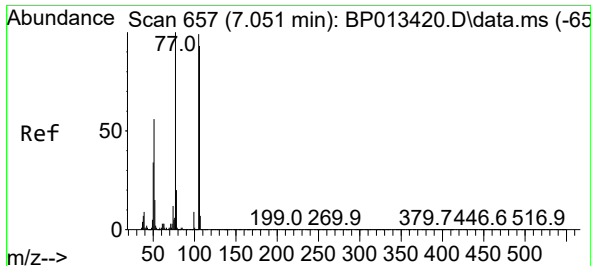
Tgt Ion: 88 Resp: 128420
Ion Ratio Lower Upper
88 100
43 36.1 26.6 40.0
58 80.9 64.7 97.1



#5
Pyridine
Concen: 24.676 ng/uL
RT: 3.758 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion: 79 Resp: 871505
Ion Ratio Lower Upper
79 100
52 82.8 67.7 101.5
51 39.1 32.3 48.5

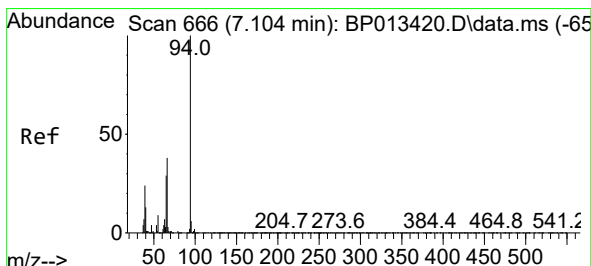
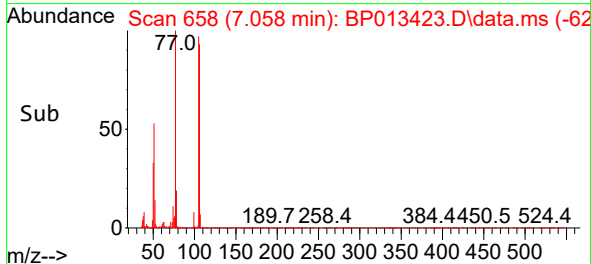
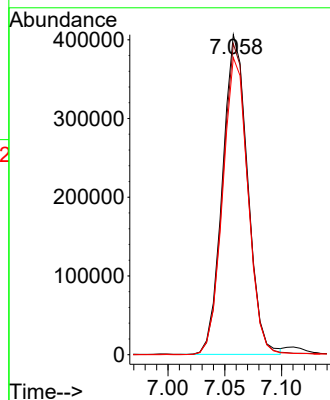
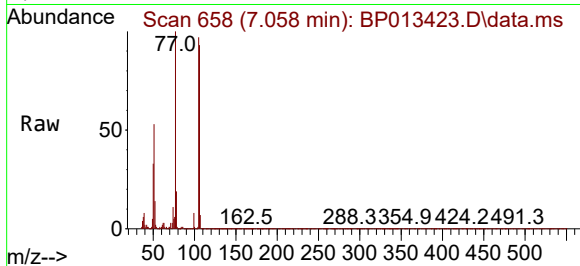




#6
Benzaldehyde
Concen: 40.621 ng/ul
RT: 7.058 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

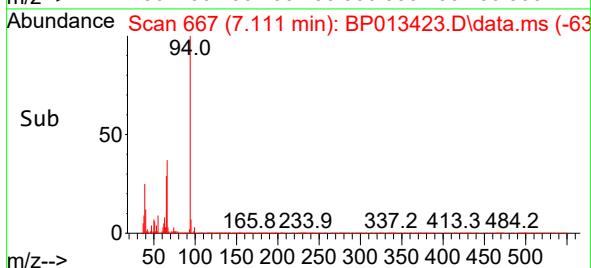
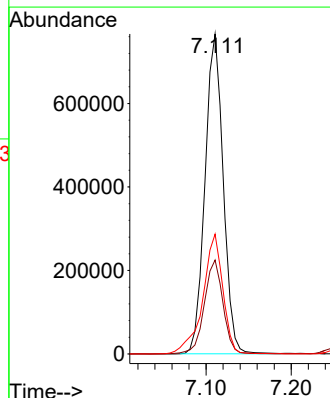
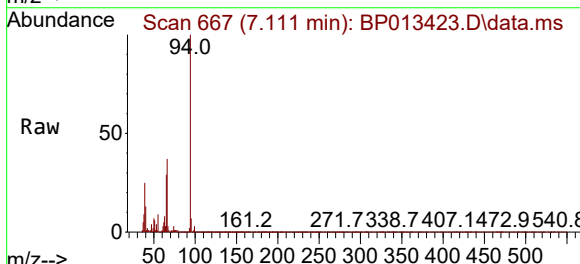
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BNA_P
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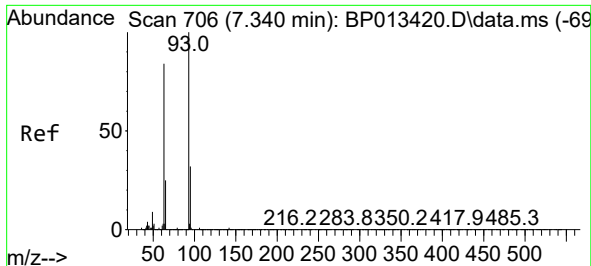
Tgt Ion: 77 Resp: 625743
Ion Ratio Lower Upper
77 100
105 97.1 75.4 113.0
106 92.8 69.8 104.8



#8
Phenol
Concen: 27.234 ng/ul
RT: 7.111 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

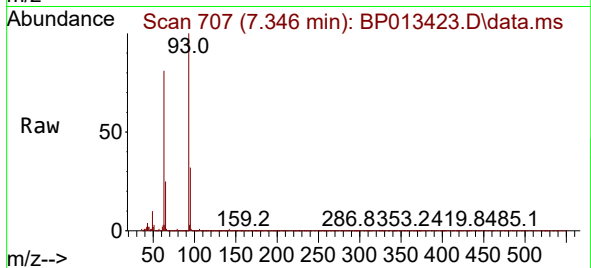
Tgt Ion: 94 Resp: 1137984
Ion Ratio Lower Upper
94 100
65 29.3 22.8 34.2
66 37.5 28.6 42.8



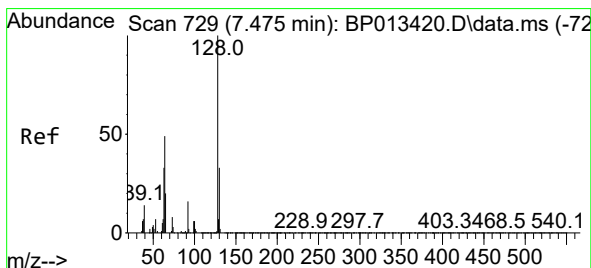
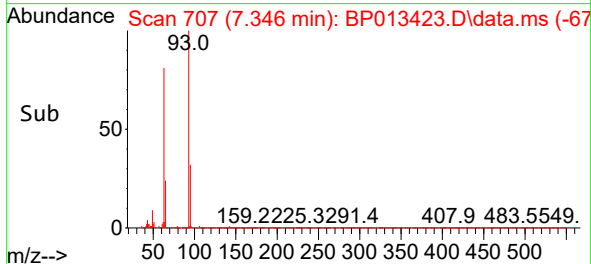
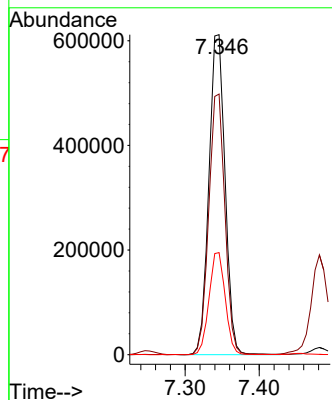


#10
Bis(2-Chloroethyl)ether
Concen: 28.068 ng/ul
RT: 7.346 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Instrument :
BNA_P
ClientSampleId :

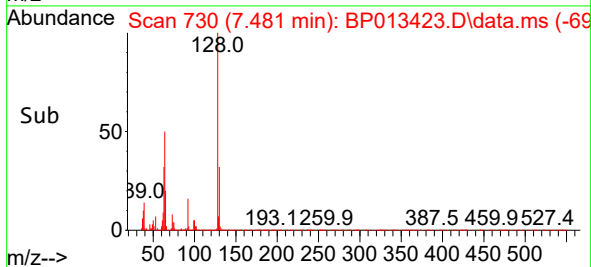
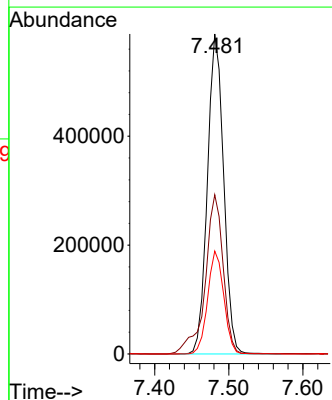
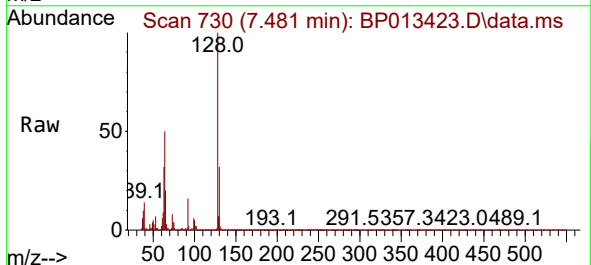


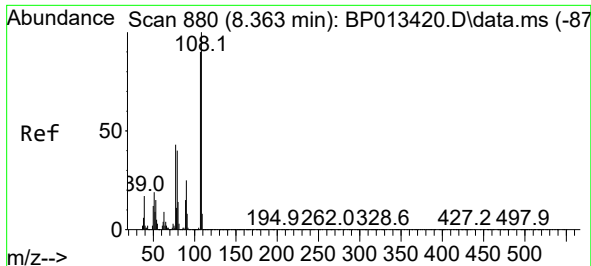
Tgt Ion: 93 Resp: 927391
Ion Ratio Lower Upper
93 100
63 81.5 64.7 97.1
95 31.9 25.7 38.5



#12
2-Chlorophenol
Concen: 28.448 ng/ul
RT: 7.481 min Scan# 730
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:128 Resp: 892616
Ion Ratio Lower Upper
128 100
64 49.7 41.4 62.2
130 32.2 24.9 37.3





#13

2-Methylphenol

Concen: 28.042 ng/ul

RT: 8.369 min Scan# 880

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

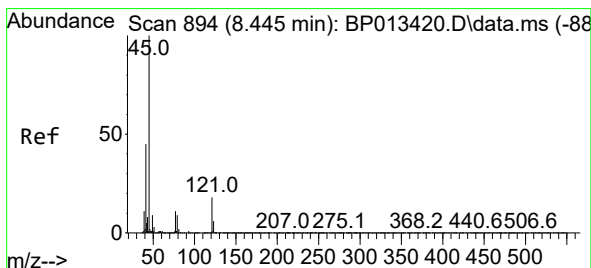
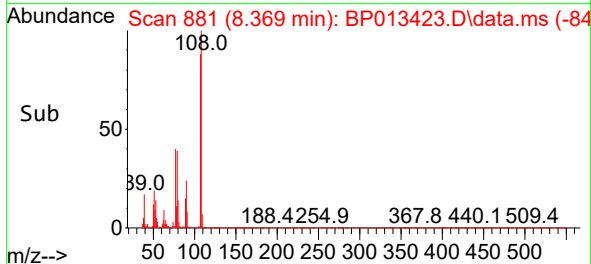
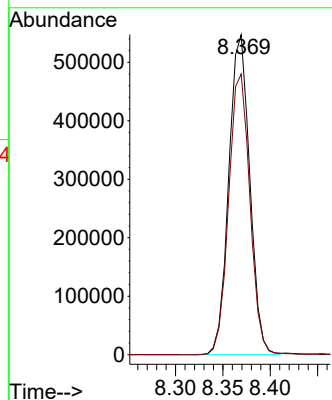
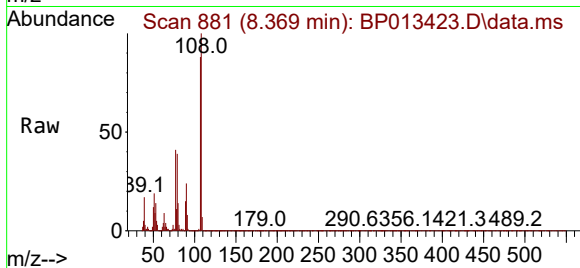
ClientSampleId :

Tgt Ion:108 Resp: 841483

Ion Ratio Lower Upper

108 100

107 87.7 69.4 104.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.345 ng/ul

RT: 8.457 min Scan# 896

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

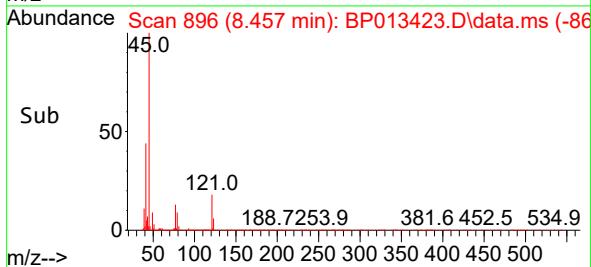
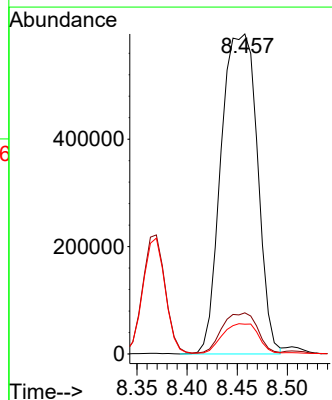
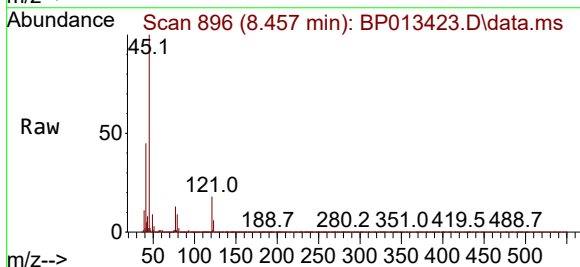
Tgt Ion: 45 Resp: 1496181

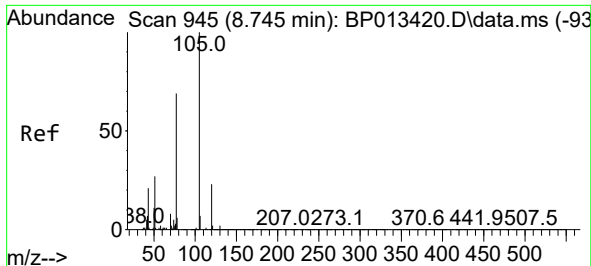
Ion Ratio Lower Upper

45 100

77 12.8 10.1 15.1

79 9.3 7.0 10.4

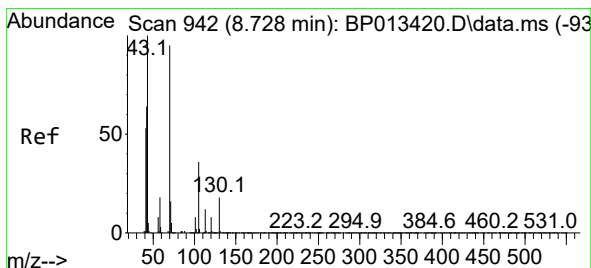
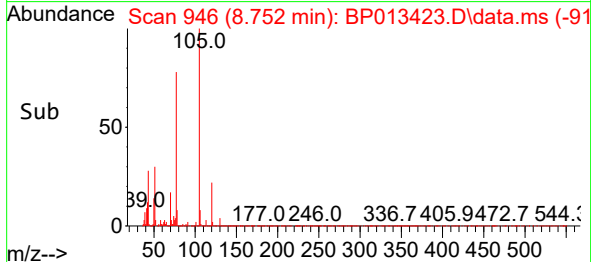
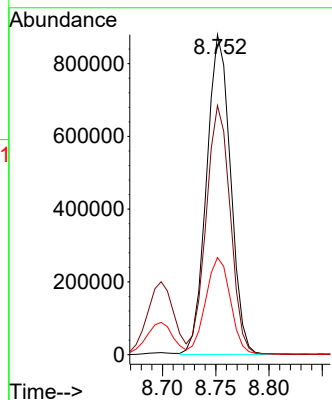
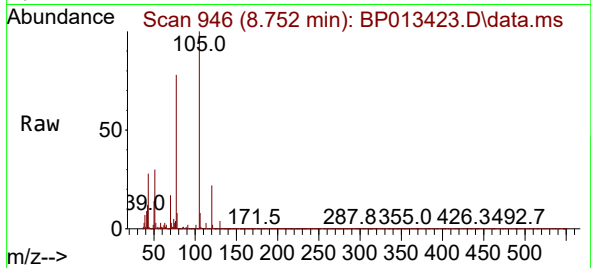




#16
Acetophenone
Concen: 28.396 ng/ul
RT: 8.752 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP013423.D
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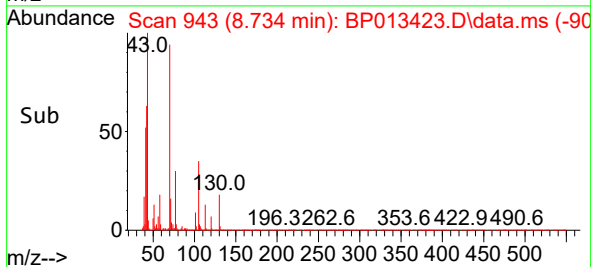
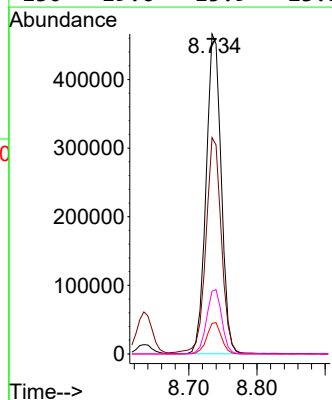
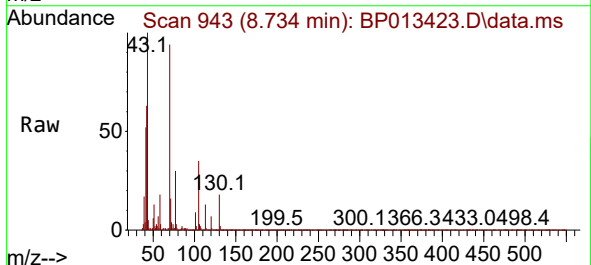
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BNA_P
ClientSampleId :

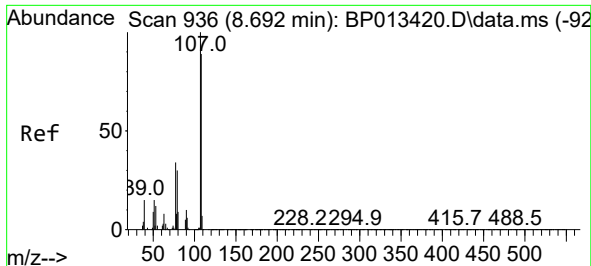
Tgt Ion:105 Resp: 1379025
Ion Ratio Lower Upper
105 100
77 77.8 62.5 93.7
51 30.4 24.7 37.1



#17
N-Nitroso-di-n-propylamine
Concen: 30.876 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion: 70 Resp: 716909
Ion Ratio Lower Upper
70 100
42 67.6 53.6 80.4
101 9.5 8.0 12.0
130 19.6 15.9 23.9

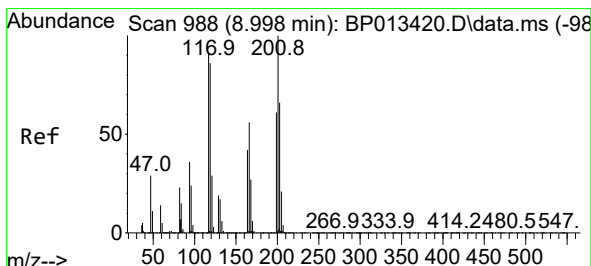
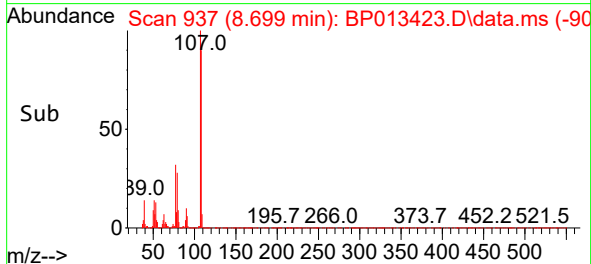
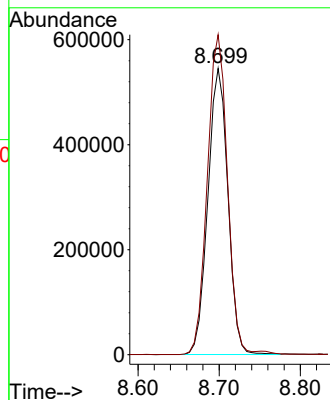
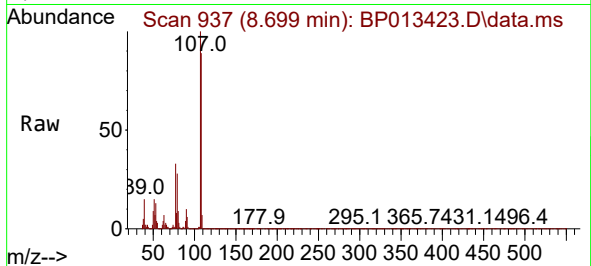




#18
4-Methylphenol
Concen: 28.323 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

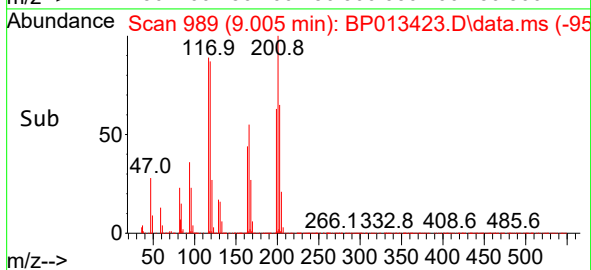
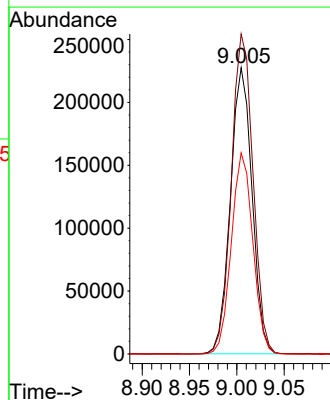
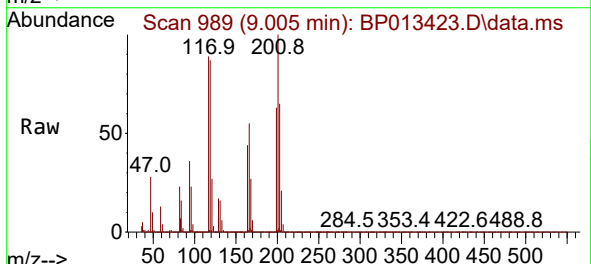
Instrument :
BNA_P
ClientSampleId :

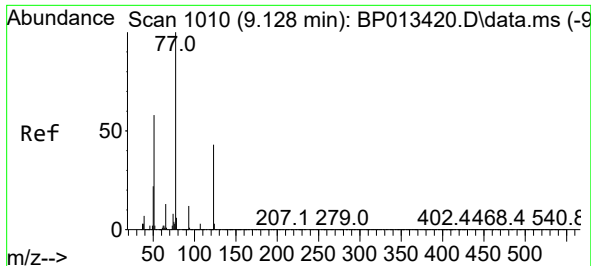
Tgt Ion:108 Resp: 934208
Ion Ratio Lower Upper
108 100
107 111.8 89.5 134.3



#19
Hexachloroethane
Concen: 28.611 ng/ul
RT: 9.005 min Scan# 989
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:117 Resp: 361721
Ion Ratio Lower Upper
117 100
201 111.8 90.6 136.0
199 70.3 58.7 88.1

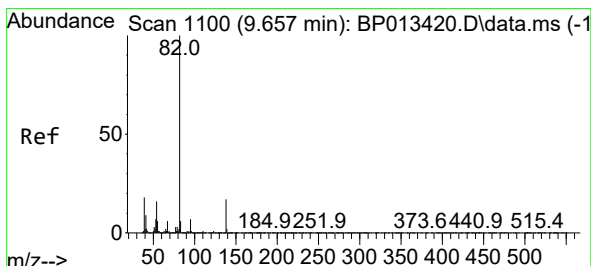
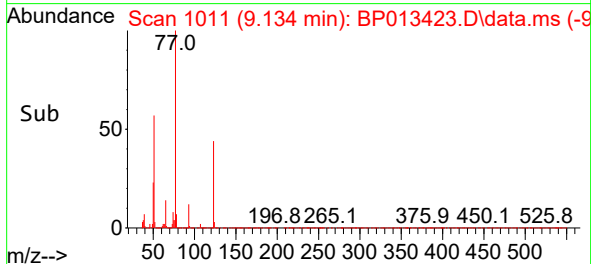
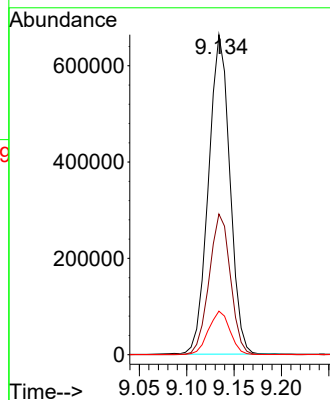
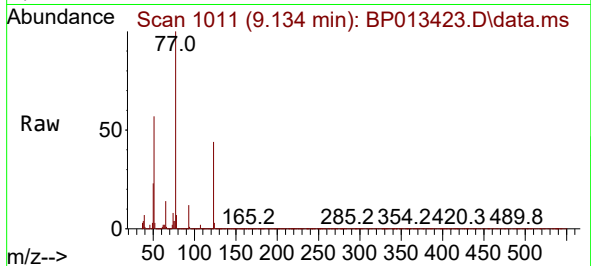




#22
Nitrobenzene
Concen: 27.441 ng/ul
RT: 9.134 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

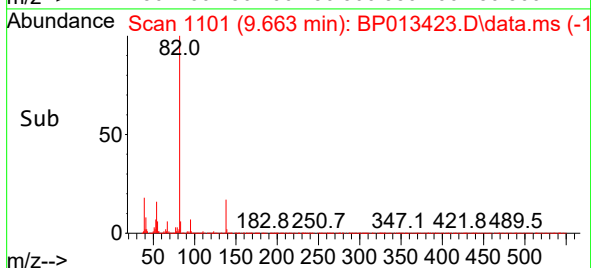
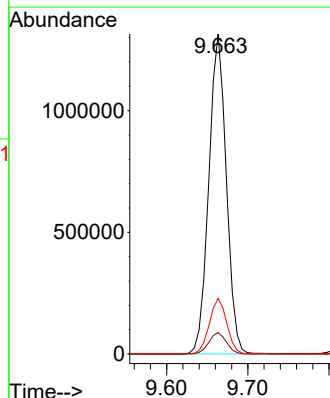
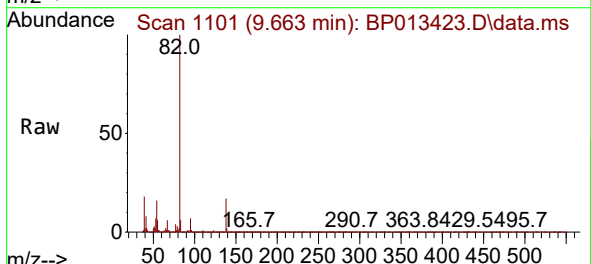
Instrument :
BNA_P
ClientSampleId :

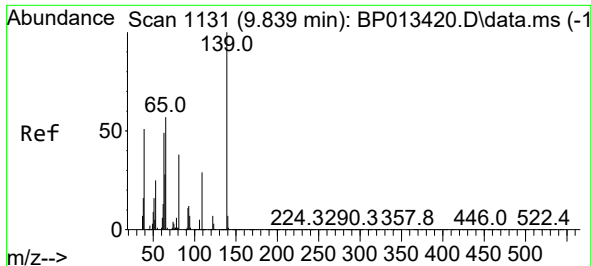
Tgt Ion: 77 Resp: 1041022
Ion Ratio Lower Upper
77 100
123 44.0 33.7 50.5
65 13.6 11.0 16.4



#23
Isophorone
Concen: 29.600 ng/ul
RT: 9.663 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion: 82 Resp: 1965129
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.3 13.8 20.6

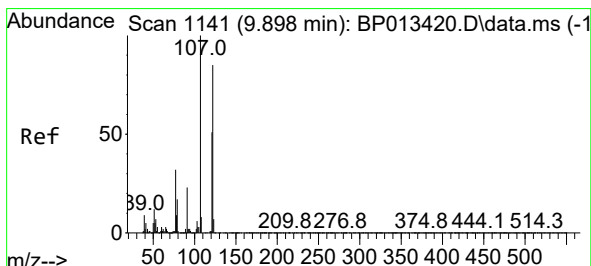
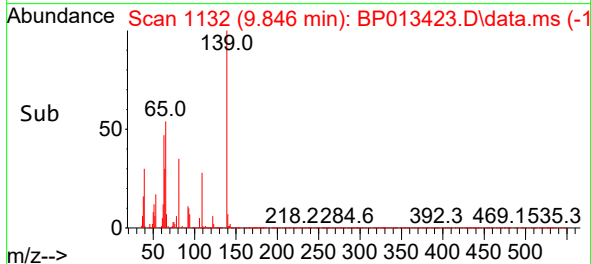
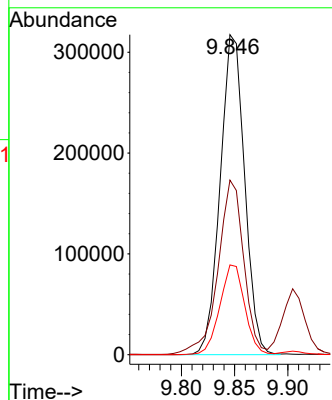
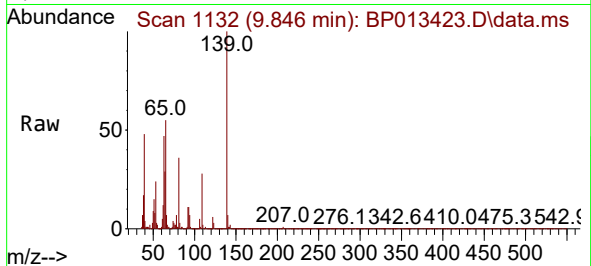




#25
2-Nitrophenol
Concen: 29.235 ng/ul
RT: 9.846 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

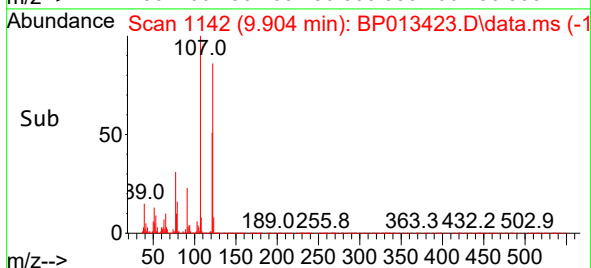
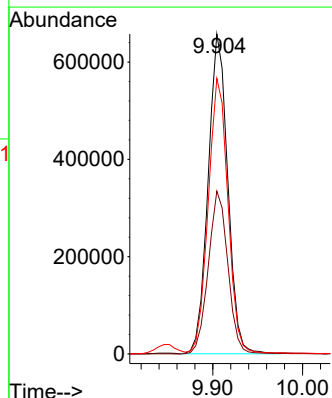
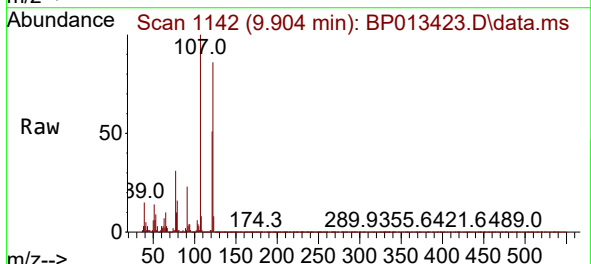
Instrument :
BNA_P
ClientSampleId :

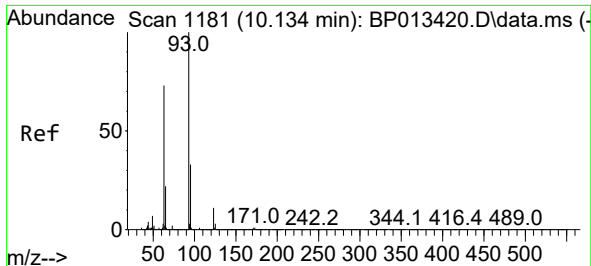
Tgt Ion:139 Resp: 505708
Ion Ratio Lower Upper
139 100
65 54.6 43.0 64.6
109 28.0 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 27.667 ng/ul
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:107 Resp: 998417
Ion Ratio Lower Upper
107 100
121 50.9 39.9 59.9
122 86.1 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 28.367 ng/ul

RT: 10.146 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

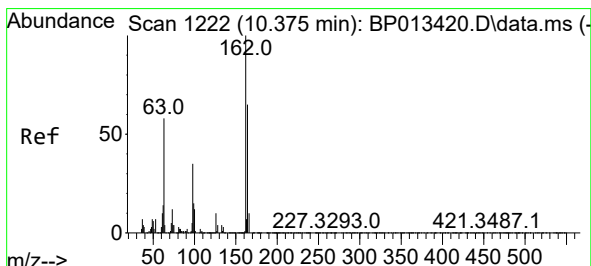
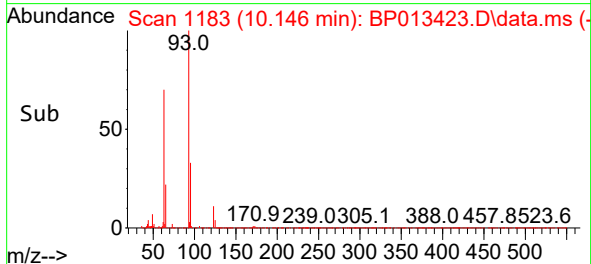
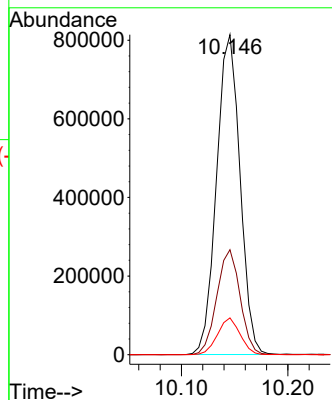
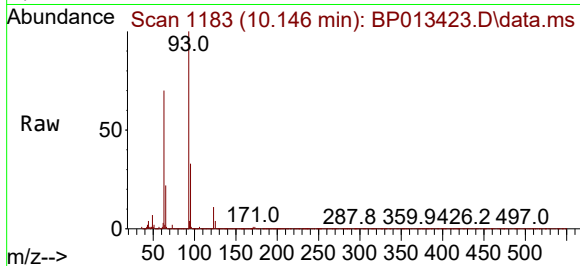
Tgt Ion: 93 Resp: 1244538

Ion Ratio Lower Upper

93 100

95 32.8 25.3 37.9

123 11.5 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 28.260 ng/ul

RT: 10.381 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

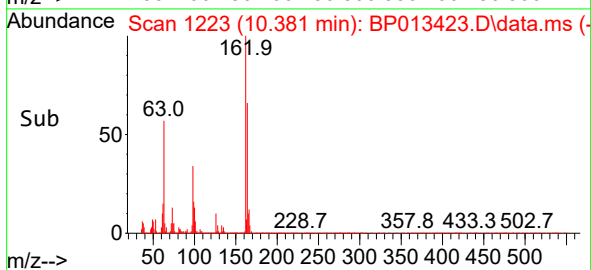
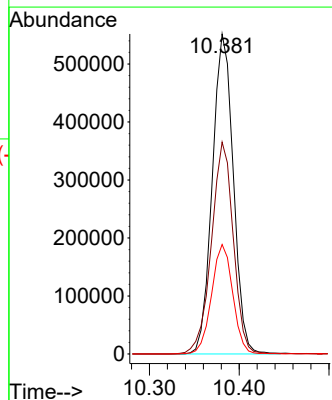
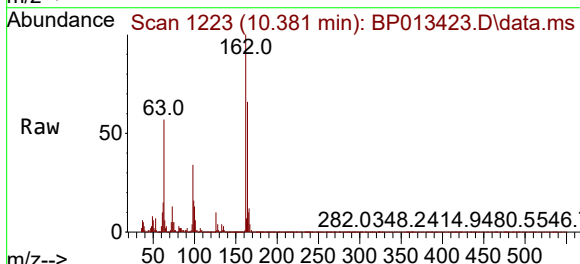
Tgt Ion:162 Resp: 896445

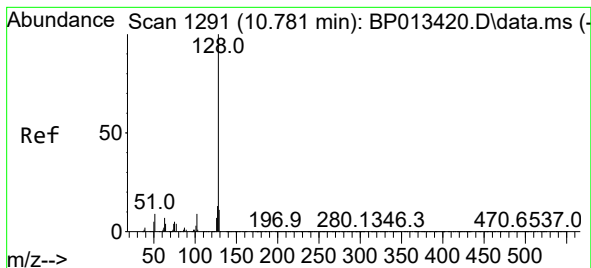
Ion Ratio Lower Upper

162 100

164 66.2 51.9 77.9

98 34.2 27.1 40.7

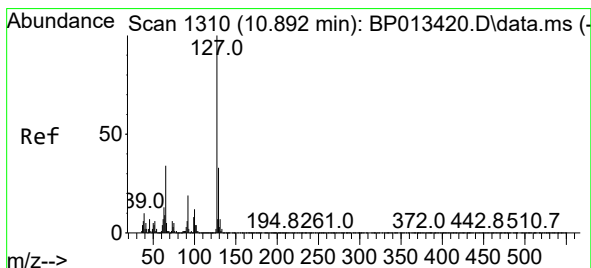
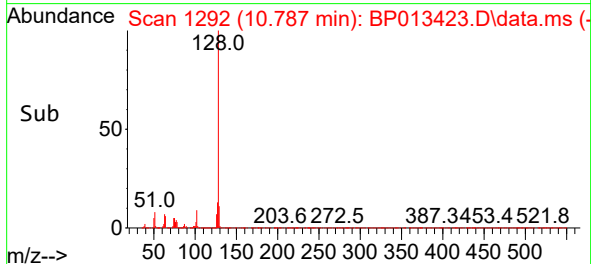
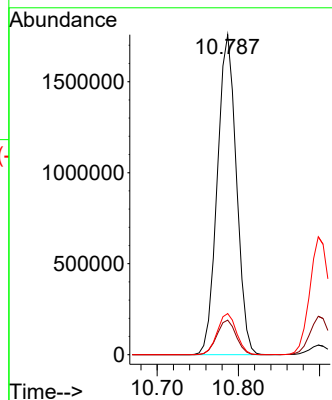
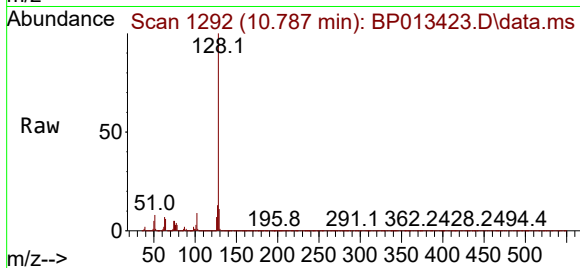




#30
Naphthalene
Concen: 26.488 ng/ul
RT: 10.787 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

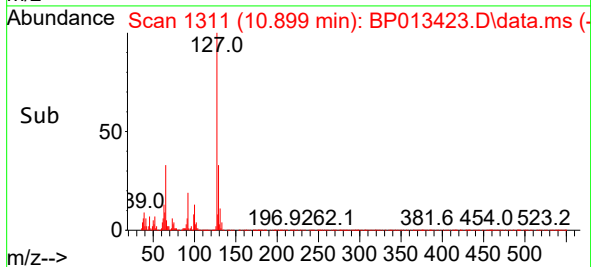
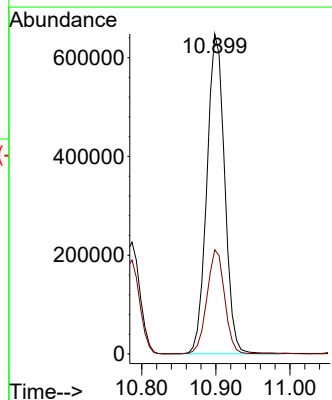
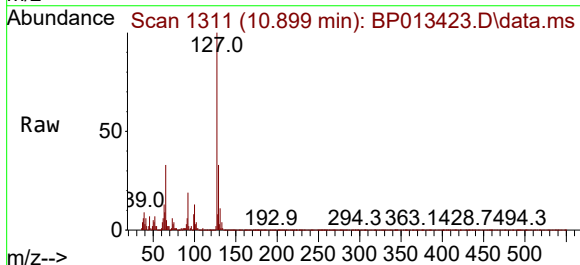
Instrument :
BNA_P
ClientSampleId :

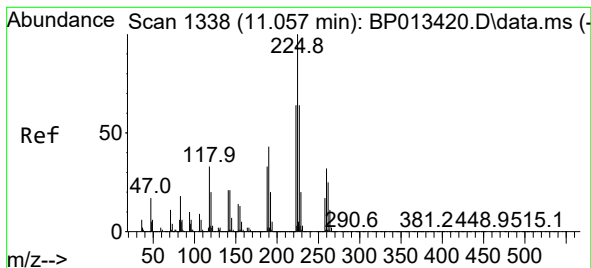
Tgt Ion:128 Resp: 2876199
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 24.018 ng/ul
RT: 10.899 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:127 Resp: 1078636
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 27.221 ng/ul

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

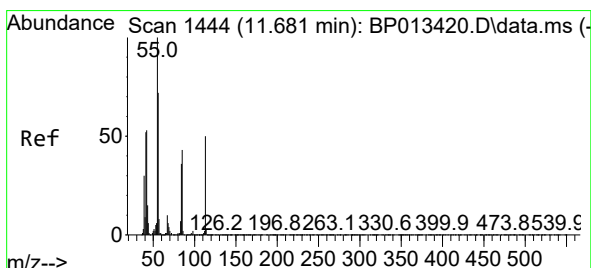
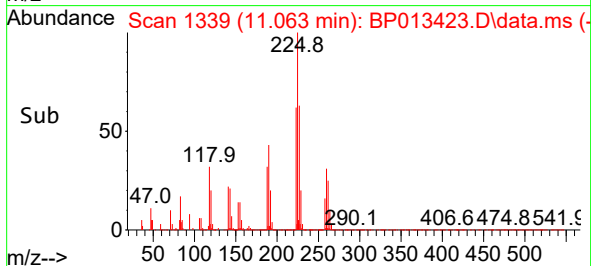
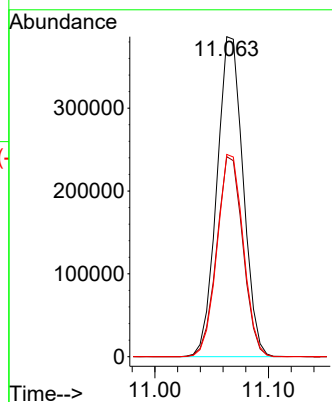
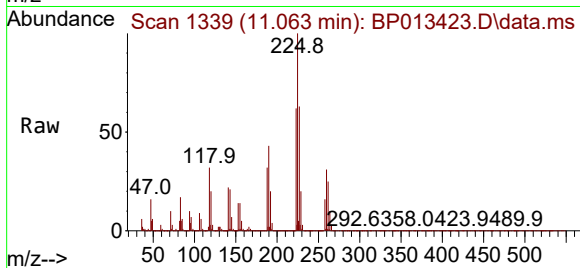
Tgt Ion:225 Resp: 620069

Ion Ratio Lower Upper

225 100

223 62.5 48.8 73.2

227 63.2 50.6 76.0



#34

Caprolactam

Concen: 15.776 ng/ul

RT: 11.687 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

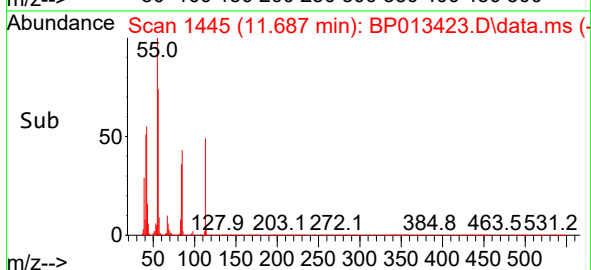
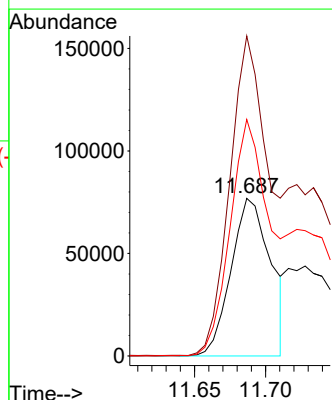
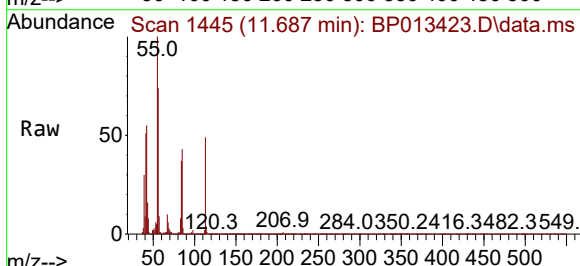
Tgt Ion:113 Resp: 148880

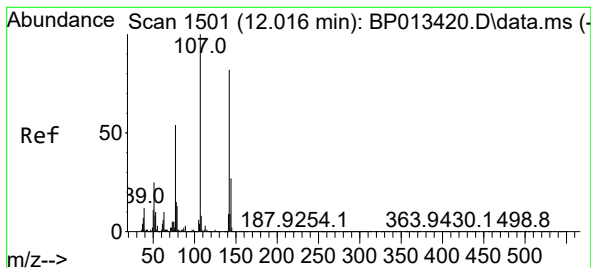
Ion Ratio Lower Upper

113 100

55 203.0 156.4 234.6

56 150.0 117.1 175.7

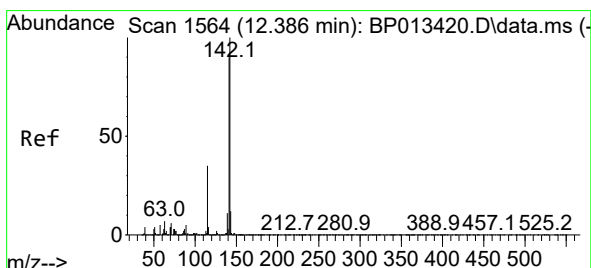
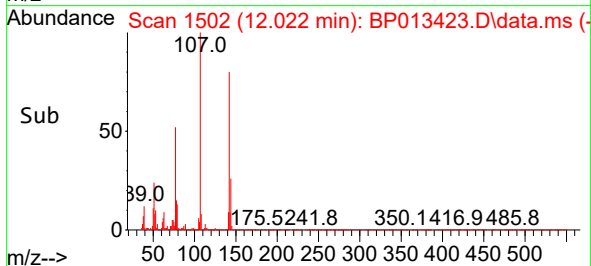
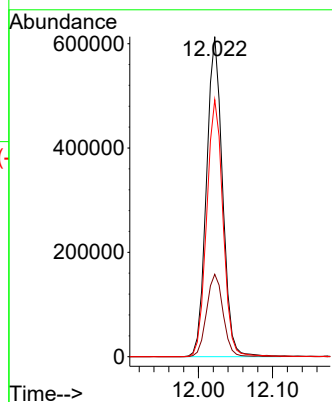
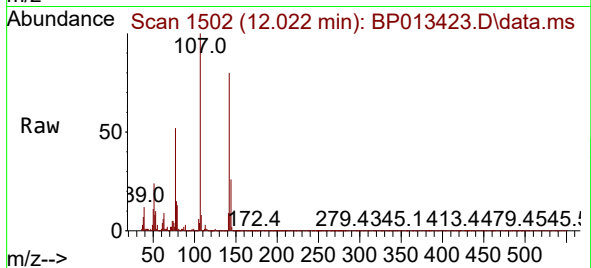




#35
4-Chloro-3-methylphenol
Concen: 30.105 ng/ul
RT: 12.022 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

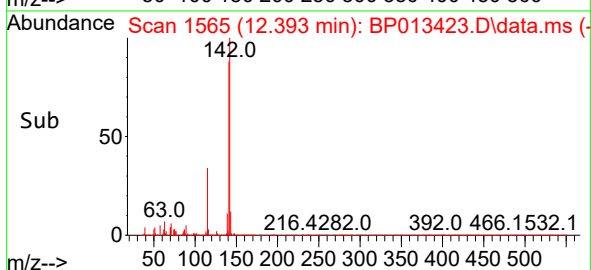
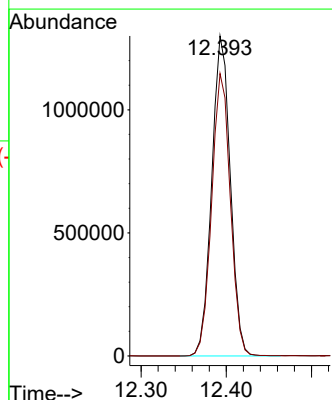
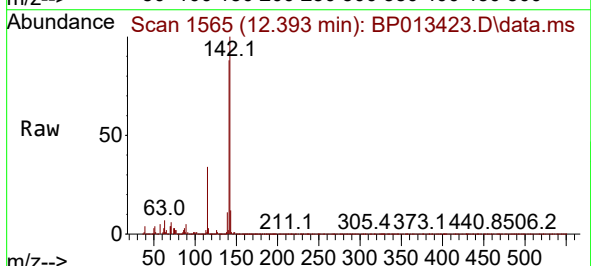
Instrument :
BNA_P
ClientSampleId :

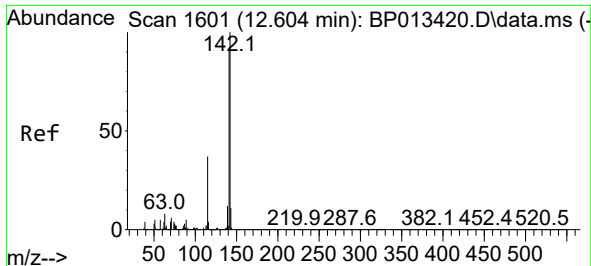
Tgt Ion:107 Resp: 921666
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 80.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 28.387 ng/ul
RT: 12.393 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:142 Resp: 1971330
Ion Ratio Lower Upper
142 100
141 88.3 69.7 104.5





#37

1-Methylnaphthalene

Concen: 27.396 ng/ul

RT: 12.610 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

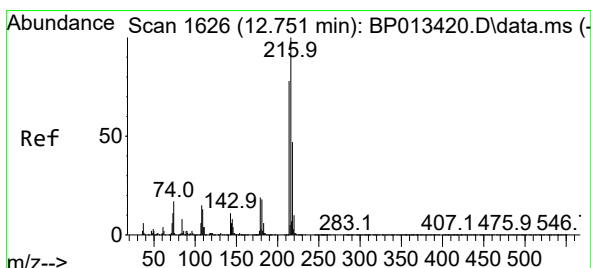
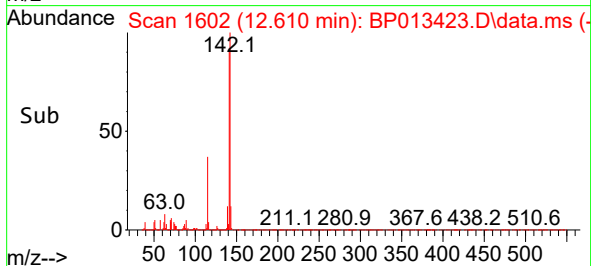
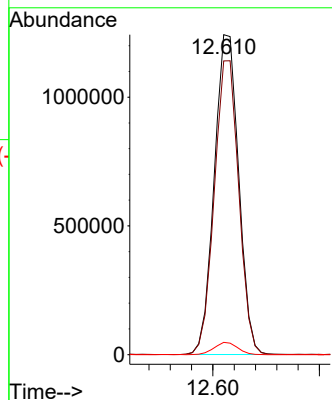
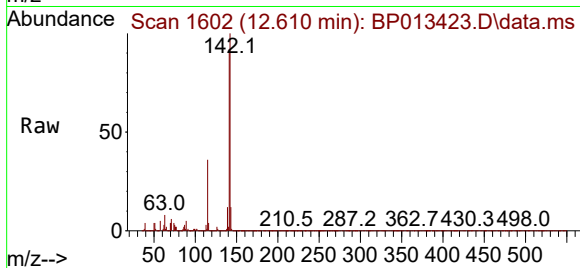
Tgt Ion:142 Resp: 1973399

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.064 ng/ul

RT: 12.763 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Tgt Ion:216 Resp: 1181650

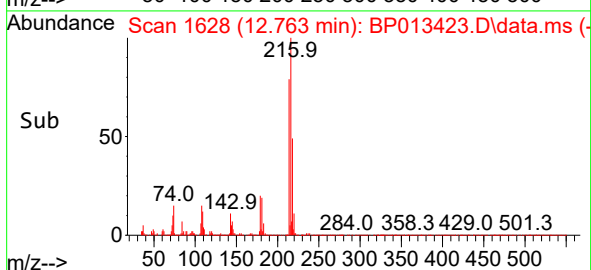
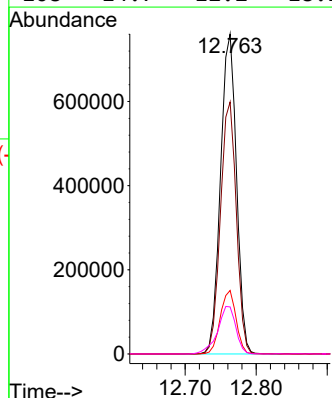
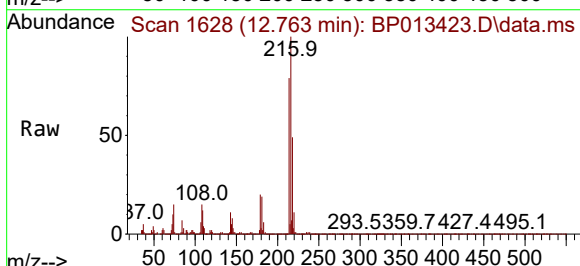
Ion Ratio Lower Upper

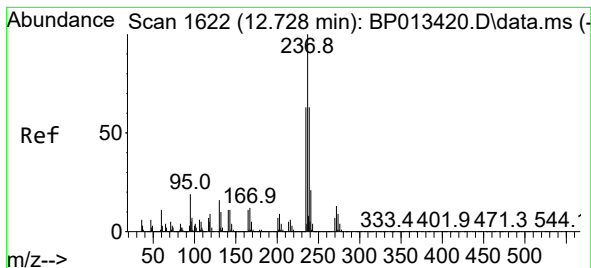
216 100

214 78.7 62.8 94.2

179 19.8 15.1 22.7

108 14.7 12.2 18.2





#40

Hexachlorocyclopentadiene

Concen: 24.986 ng/ul

RT: 12.734 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

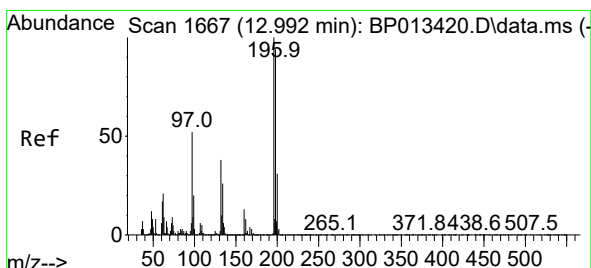
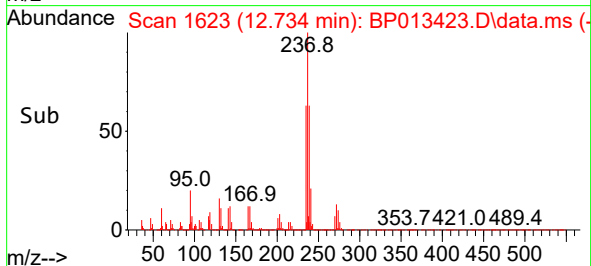
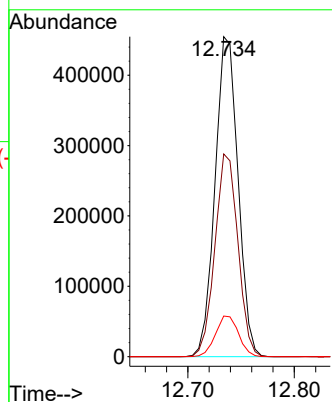
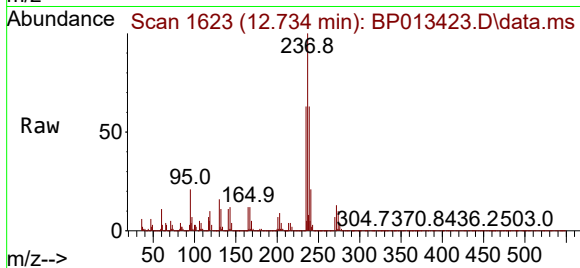
Tgt Ion:237 Resp: 681481

Ion Ratio Lower Upper

237 100

235 63.3 50.8 76.2

272 12.7 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 28.965 ng/ul

RT: 13.004 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

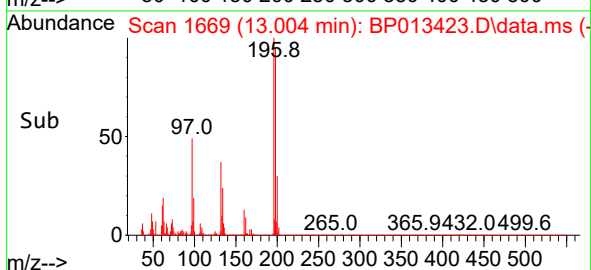
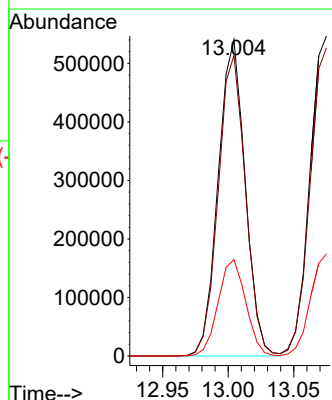
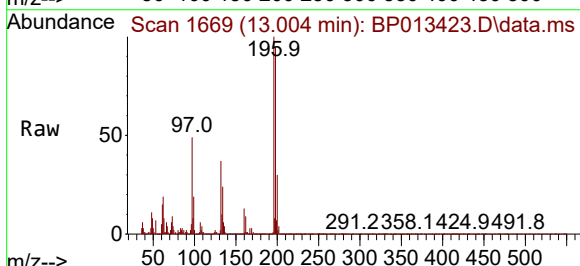
Tgt Ion:196 Resp: 772465

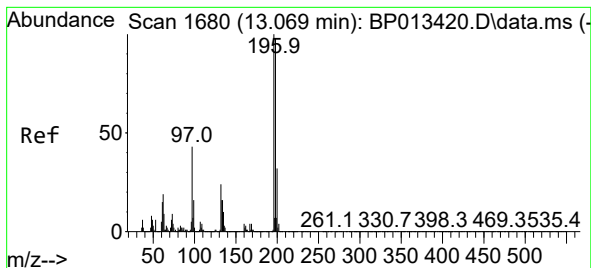
Ion Ratio Lower Upper

196 100

198 95.1 77.9 116.9

200 30.5 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 28.755 ng/ul

RT: 13.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

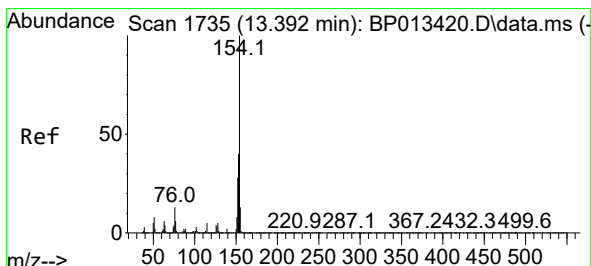
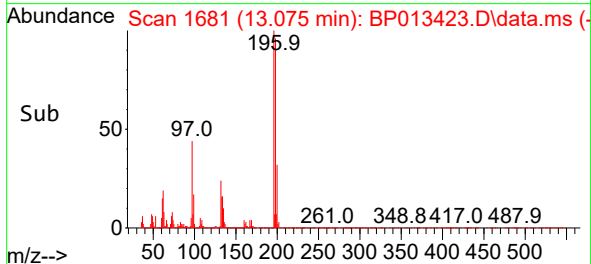
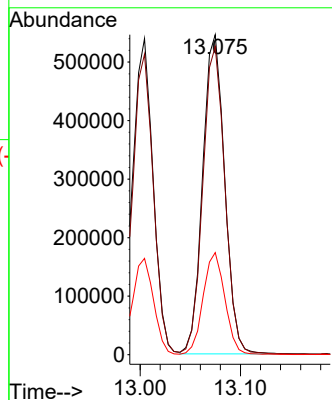
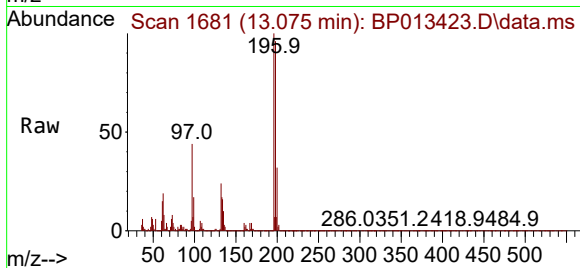
Tgt Ion:196 Resp: 834523

Ion Ratio Lower Upper

196 100

198 96.3 76.0 114.0

200 31.9 24.4 36.6



#43

1,1'-Biphenyl

Concen: 26.873 ng/ul

RT: 13.404 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

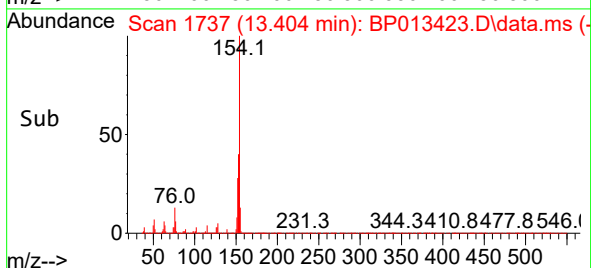
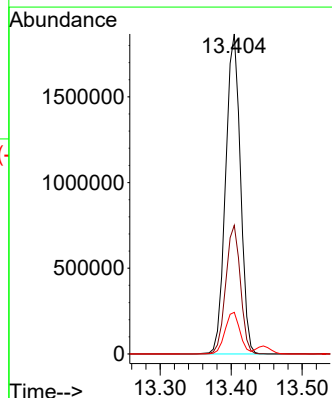
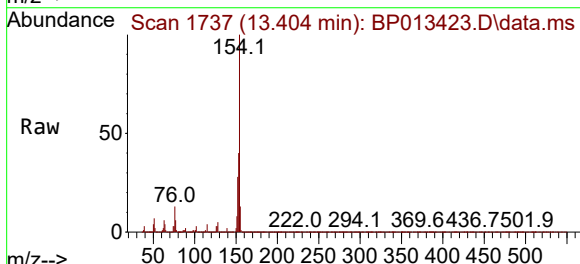
Tgt Ion:154 Resp: 2697962

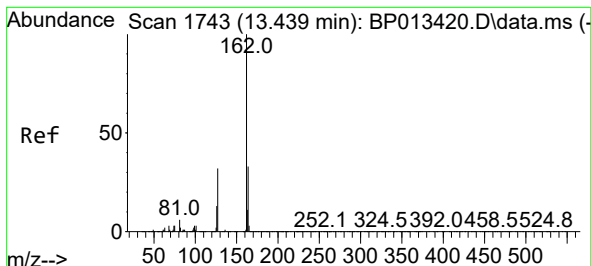
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 13.0 10.3 15.5





#44

2-Chloronaphthalene

Concen: 26.268 ng/ul

RT: 13.445 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

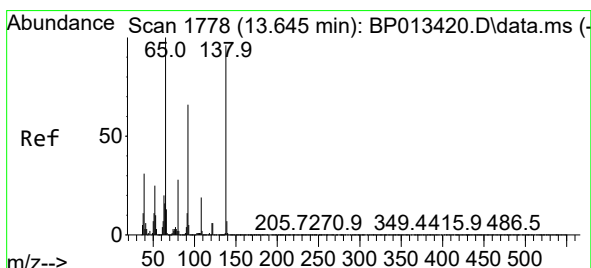
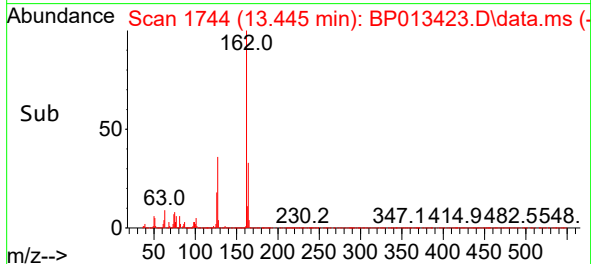
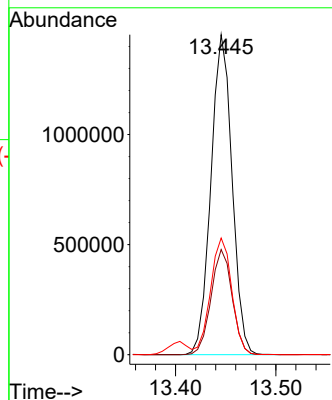
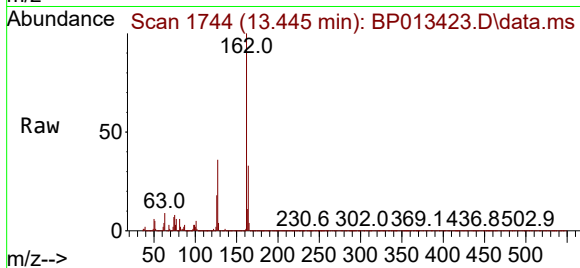
Tgt Ion:162 Resp: 2128062

Ion Ratio Lower Upper

162 100

164 32.9 26.4 39.6

127 36.4 28.9 43.3



#45

2-Nitroaniline

Concen: 30.744 ng/ul

RT: 13.657 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

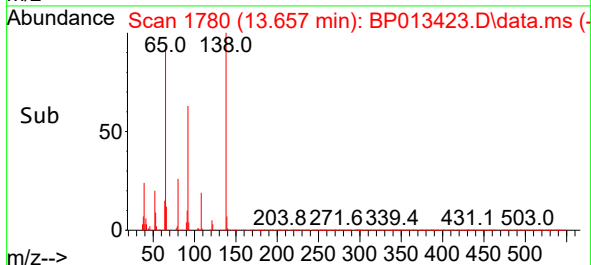
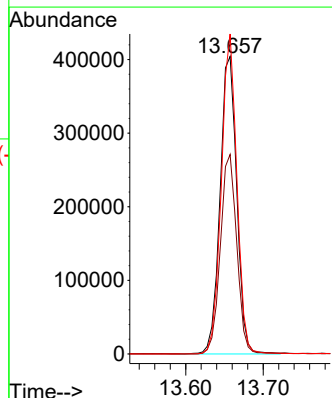
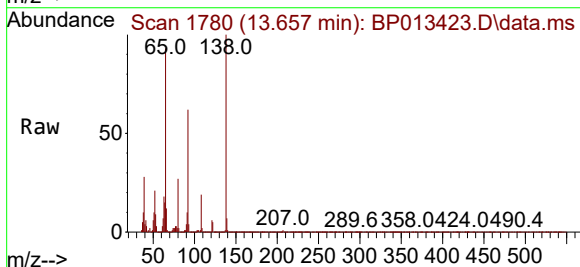
Tgt Ion: 65 Resp: 602739

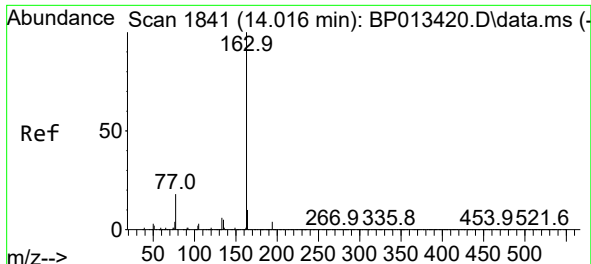
Ion Ratio Lower Upper

65 100

92 67.1 53.5 80.3

138 107.5 79.4 119.0





#47

Dimethylphthalate

Concen: 28.690 ng/ul

RT: 14.028 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

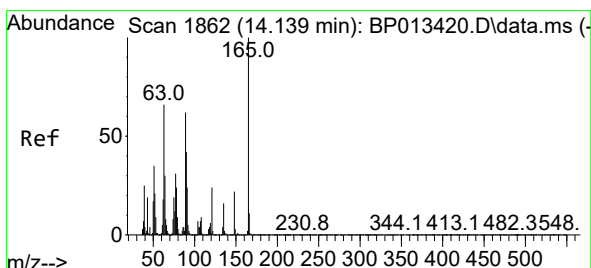
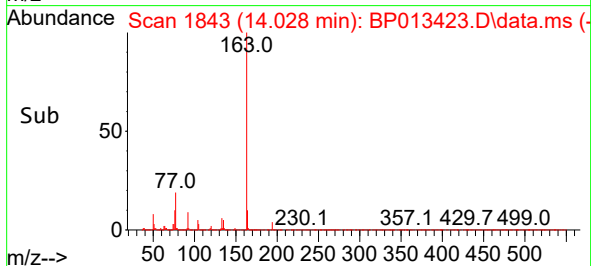
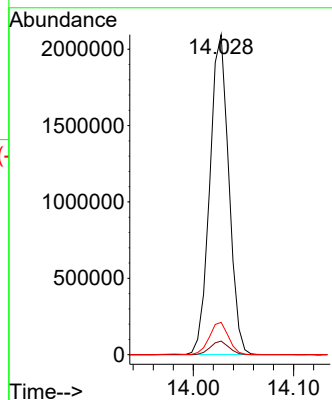
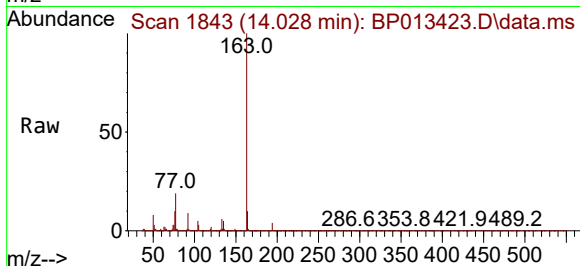
Tgt Ion:163 Resp: 2761623

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 32.061 ng/ul

RT: 14.151 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

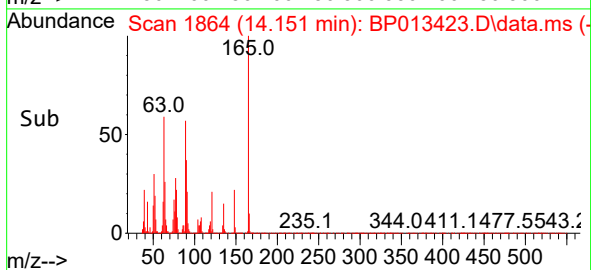
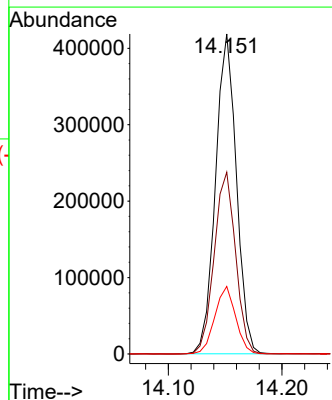
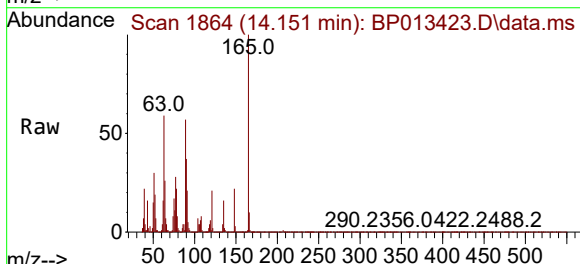
Tgt Ion:165 Resp: 534420

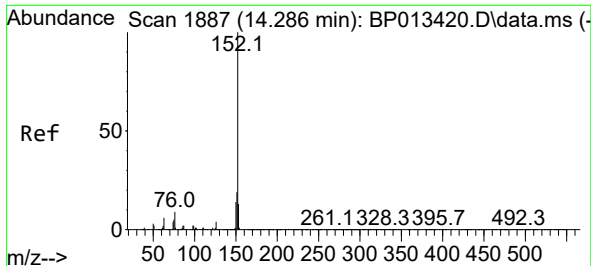
Ion Ratio Lower Upper

165 100

89 56.8 47.1 70.7

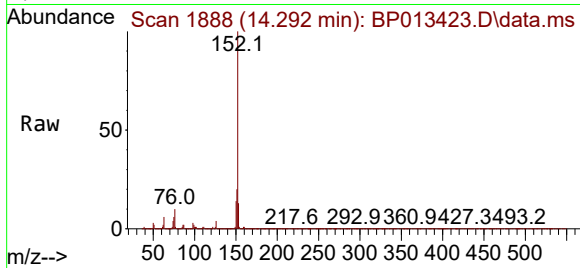
121 21.1 17.3 25.9



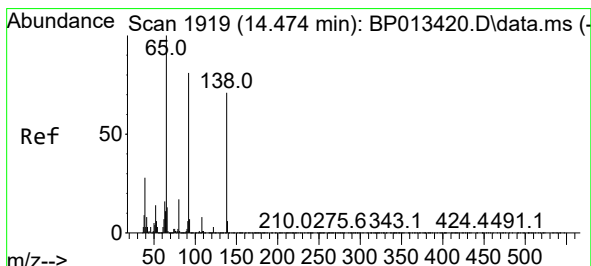
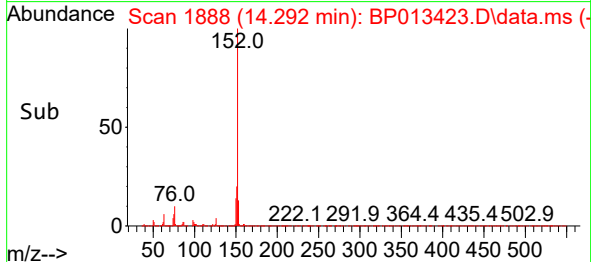
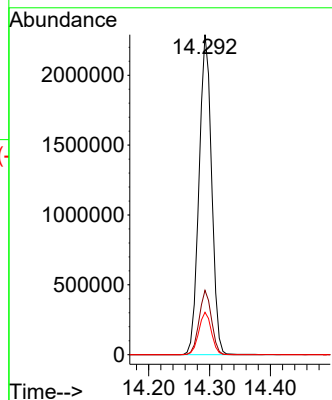


#50
Acenaphthylene
Concen: 27.930 ng/ul
RT: 14.292 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Instrument :
BNA_P
ClientSampleId :

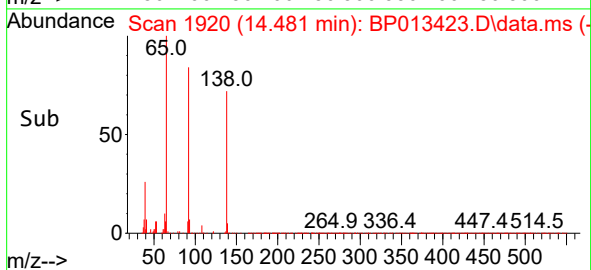
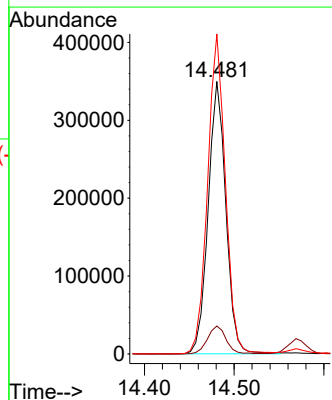
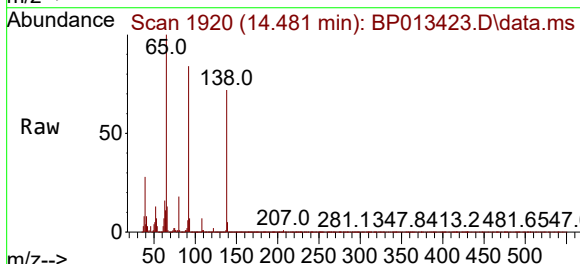


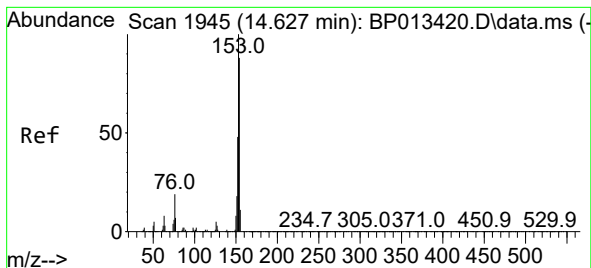
Tgt Ion:152 Resp: 3282656
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 27.146 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:138 Resp: 479274
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 117.4 95.0 142.4





#52

Acenaphthene

Concen: 26.864 ng/ul

RT: 14.634 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

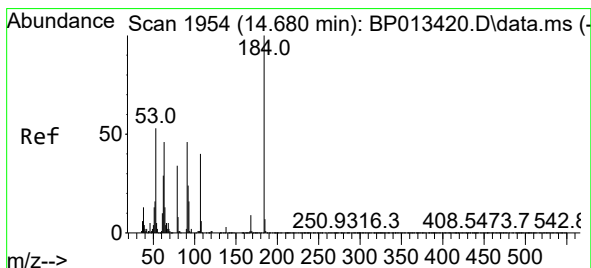
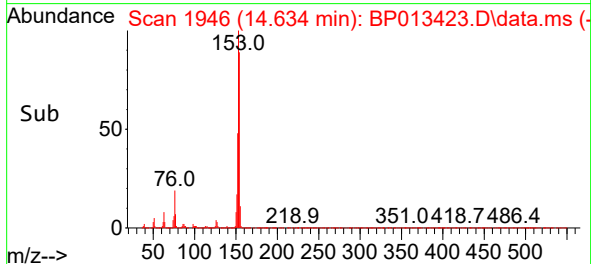
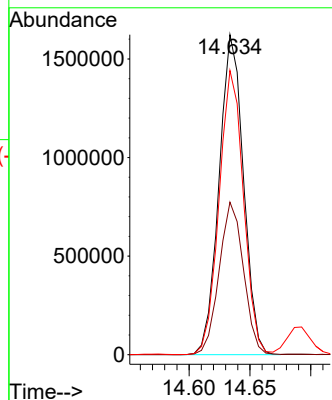
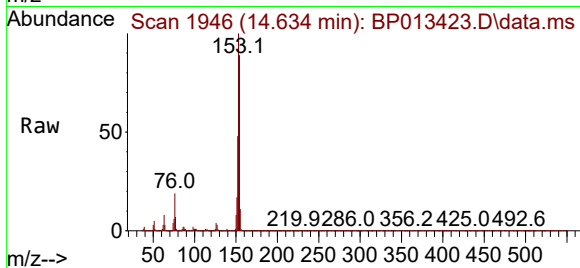
Tgt Ion:153 Resp: 2259891

Ion Ratio Lower Upper

153 100

152 47.6 38.4 57.6

154 88.8 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 27.780 ng/ul

RT: 14.692 min Scan# 1956

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

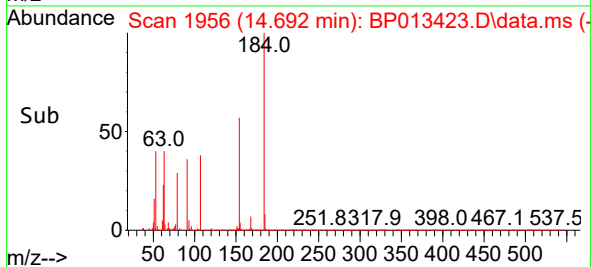
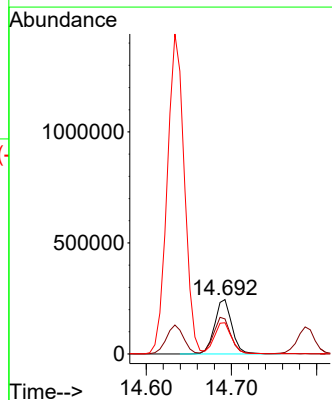
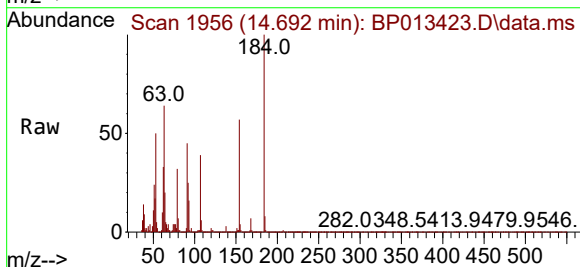
Tgt Ion:184 Resp: 344683

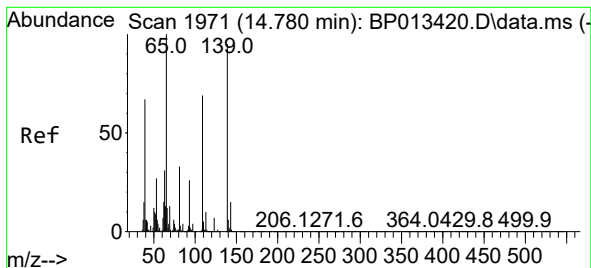
Ion Ratio Lower Upper

184 100

63 64.2 54.3 81.5

154 57.3 49.1 73.7

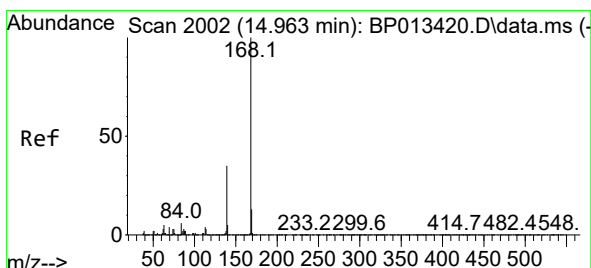
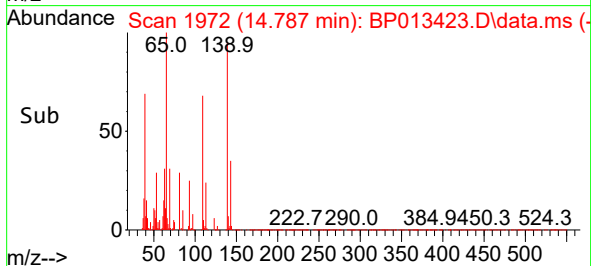
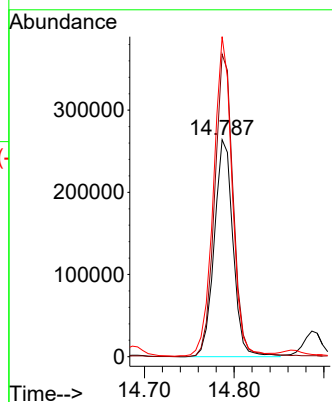
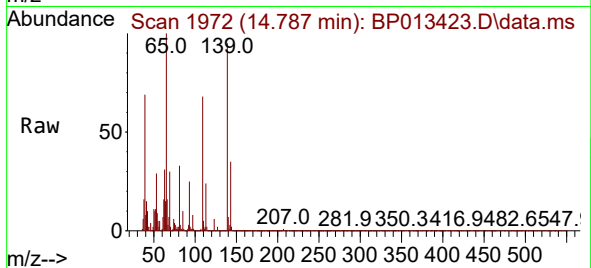




#55
4-Nitrophenol
Concen: 28.509 ng/ul
RT: 14.787 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

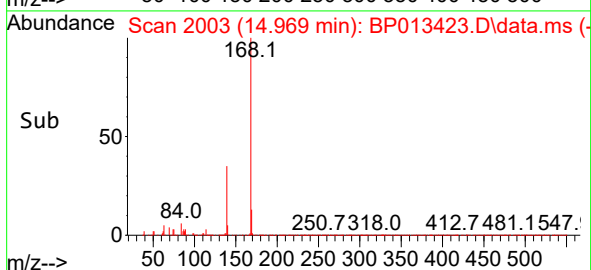
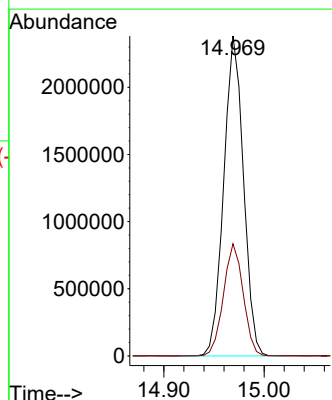
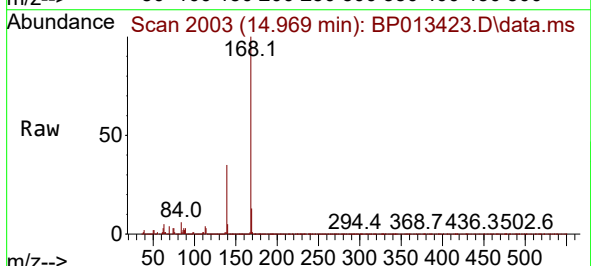
Instrument :
BNA_P
ClientSampleId :

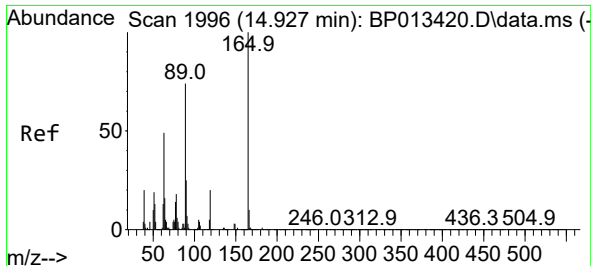
Tgt Ion:109 Resp: 382143
Ion Ratio Lower Upper
109 100
139 139.5 109.2 163.8
65 147.5 116.6 174.8



#56
Dibenzofuran
Concen: 26.896 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

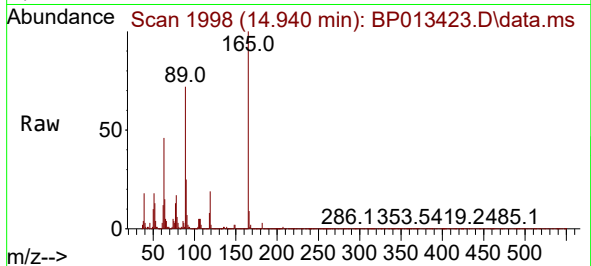
Tgt Ion:168 Resp: 3249538
Ion Ratio Lower Upper
168 100
139 35.1 27.4 41.2



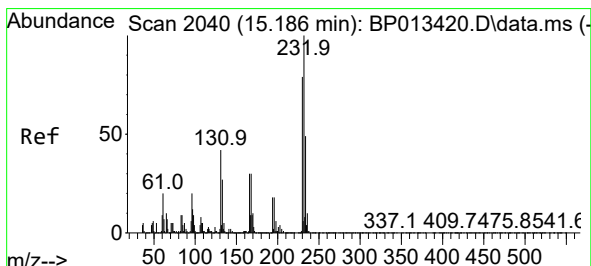
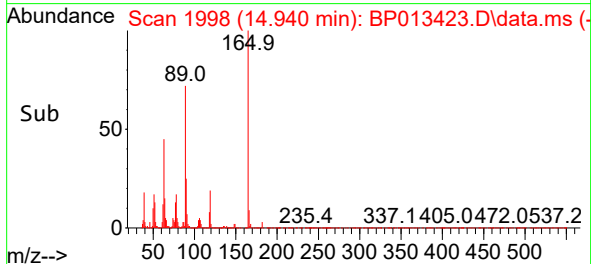
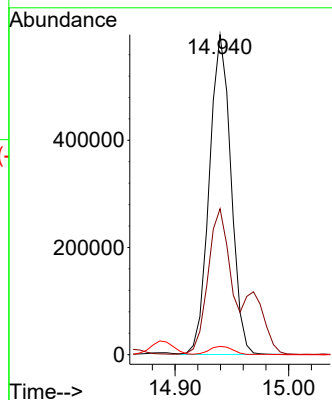


#57
2,4-Dinitrotoluene
Concen: 31.836 ng/ul
RT: 14.940 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Instrument :
BNA_P
ClientSampleId :

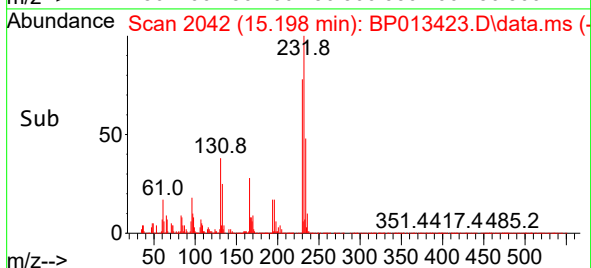
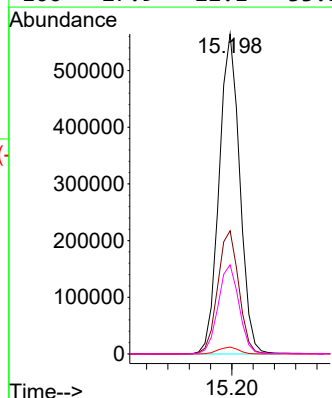
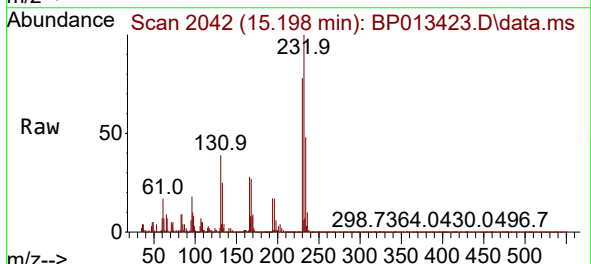


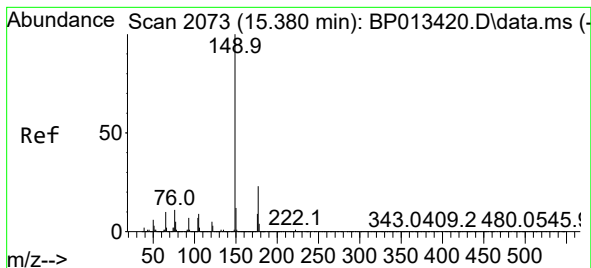
Tgt Ion:165 Resp: 788796
Ion Ratio Lower Upper
165 100
63 45.6 37.3 55.9
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.903 ng/ul
RT: 15.198 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:232 Resp: 757066
Ion Ratio Lower Upper
232 100
131 38.5 30.7 46.1
130 2.1 1.7 2.5
166 27.9 22.1 33.1





#59

Diethylphthalate

Concen: 30.091 ng/ul

RT: 15.392 min Scan# 2075

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

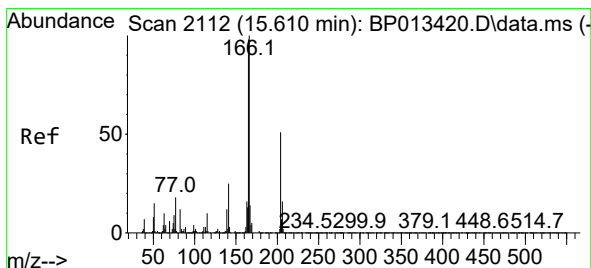
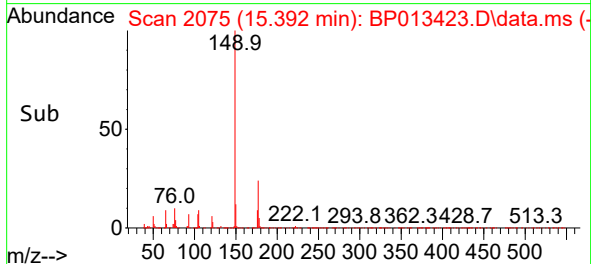
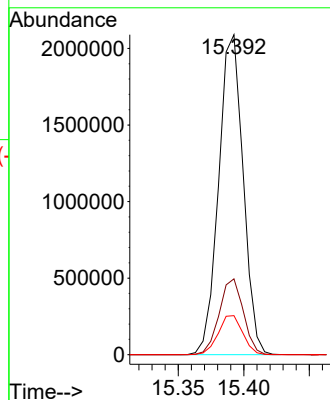
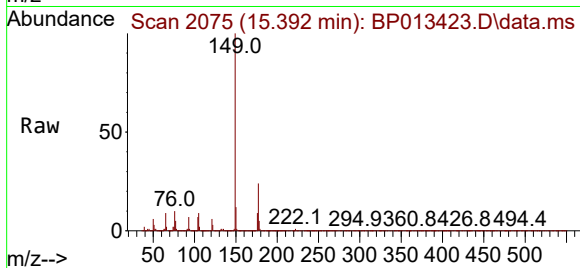
Tgt Ion:149 Resp: 2711045

Ion Ratio Lower Upper

149 100

177 23.7 18.9 28.3

150 12.2 9.9 14.9



#61

Fluorene

Concen: 27.762 ng/ul

RT: 15.622 min Scan# 2114

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

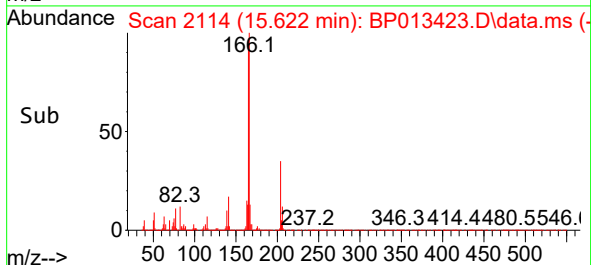
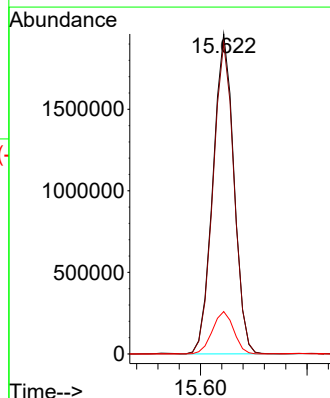
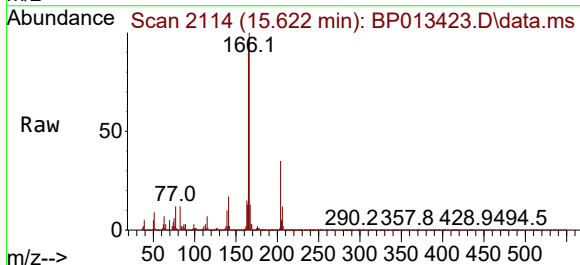
Tgt Ion:166 Resp: 2677317

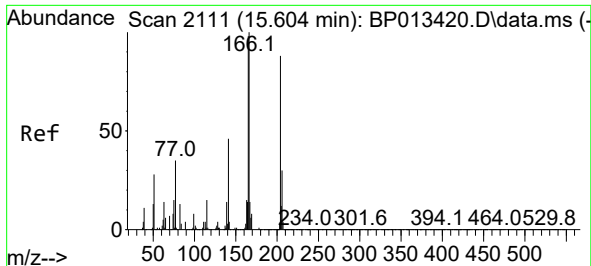
Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 13.3 10.8 16.2

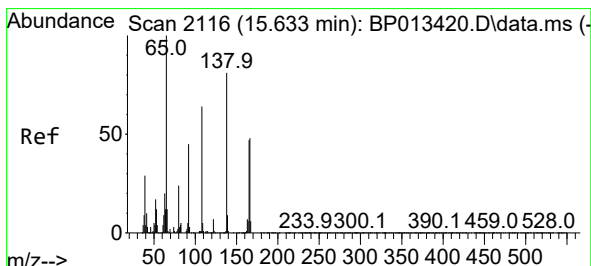
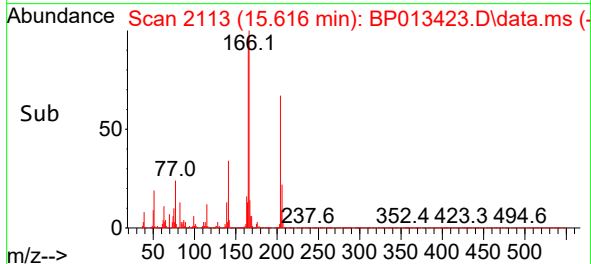
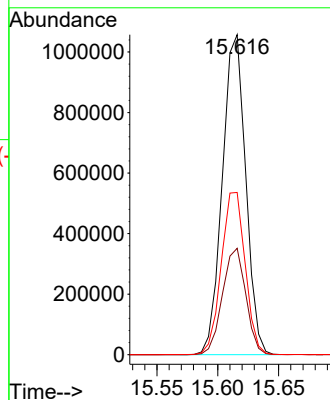
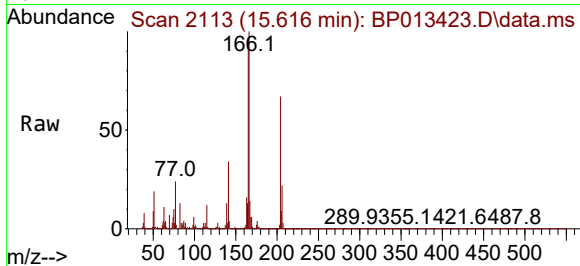




#62
4-Chlorophenyl-phenylether
Concen: 28.058 ng/ul
RT: 15.616 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

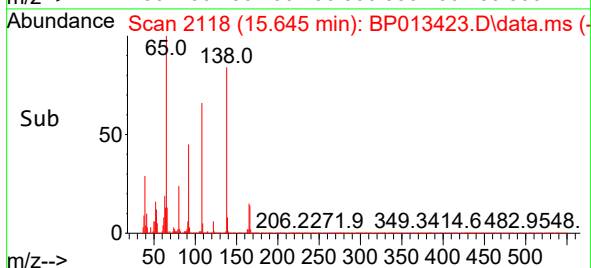
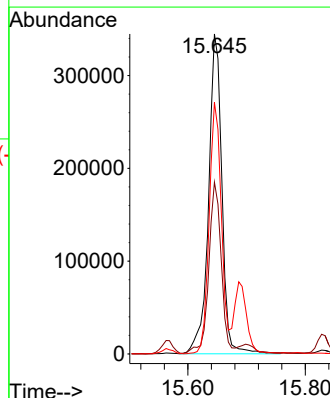
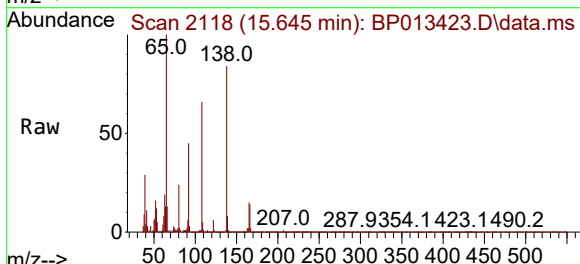
Instrument :
BNA_P
ClientSampleId :

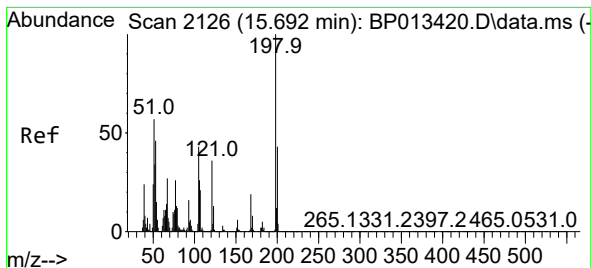
Tgt Ion:204 Resp: 1413022
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 50.7 39.3 58.9



#63
4-Nitroaniline
Concen: 33.341 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:138 Resp: 544249
Ion Ratio Lower Upper
138 100
92 53.7 43.1 64.7
108 78.6 63.6 95.4

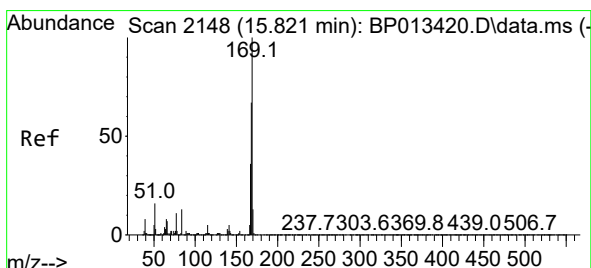
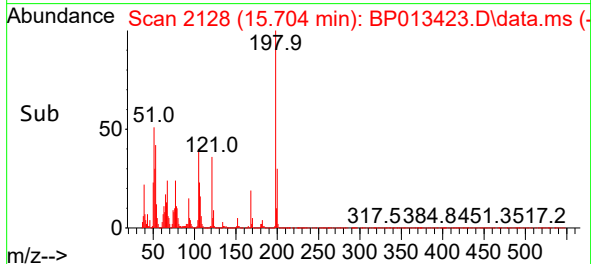
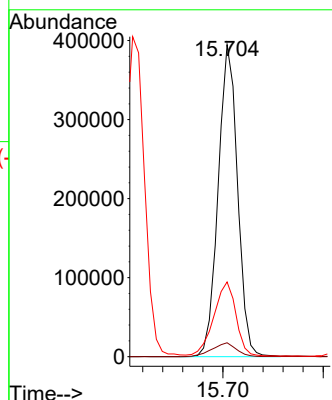
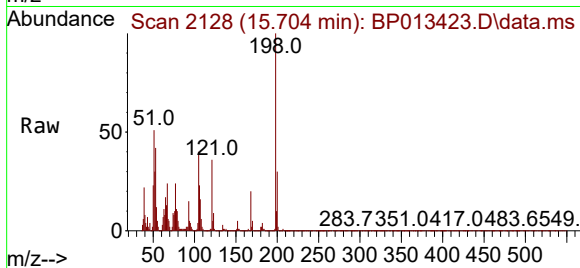




#66
4,6-Dinitro-2-methylphenol
Concen: 28.216 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

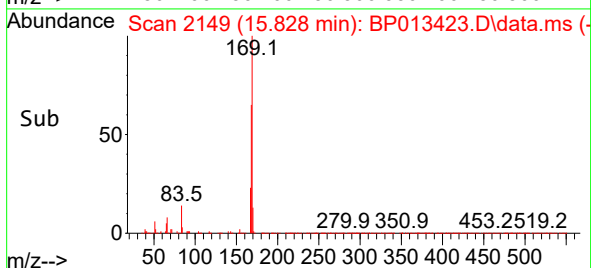
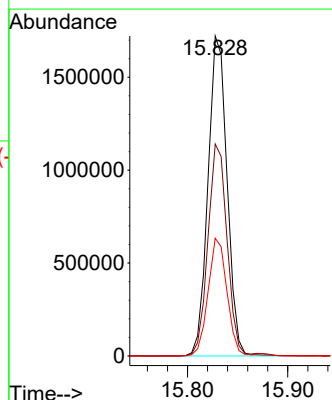
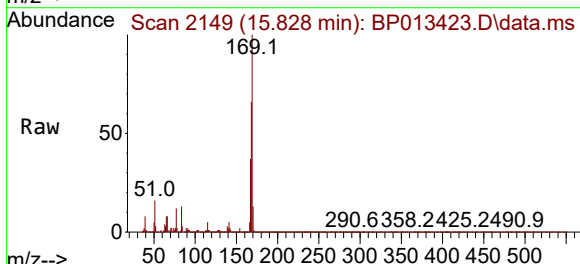
Instrument :
BNA_P
ClientSampleId :

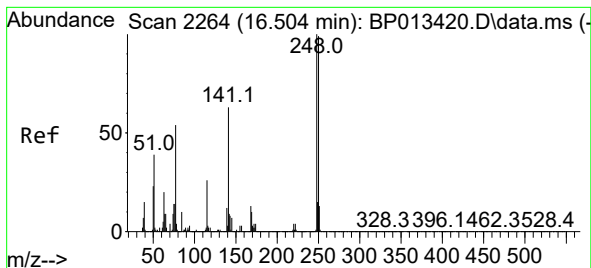
Tgt Ion:198 Resp: 528409
Ion Ratio Lower Upper
198 100
182 4.4 4.8 7.2#
77 24.0 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 28.146 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:169 Resp: 2277700
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 36.8 29.3 43.9

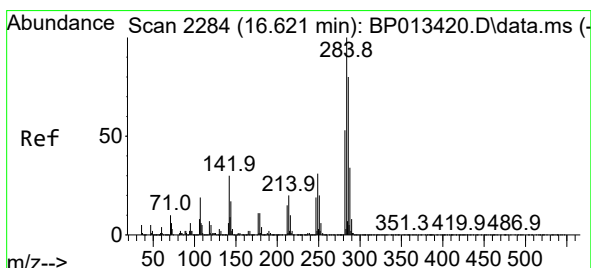
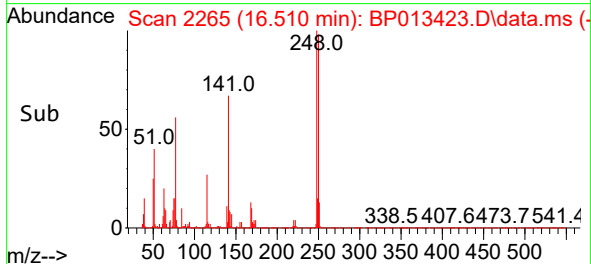
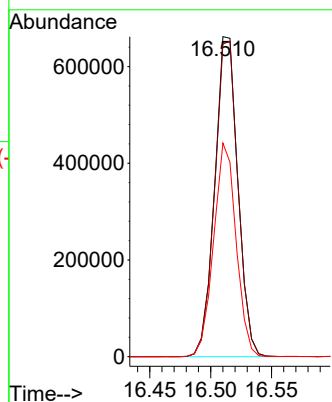
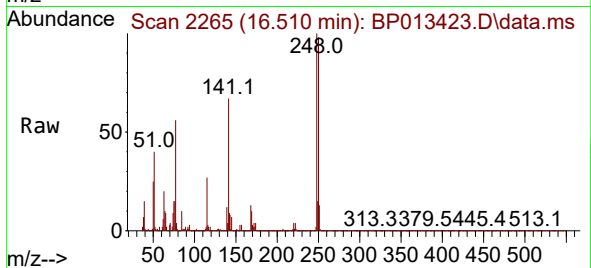




#68
4-Bromophenyl-phenylether
Concen: 28.298 ng/ul
RT: 16.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

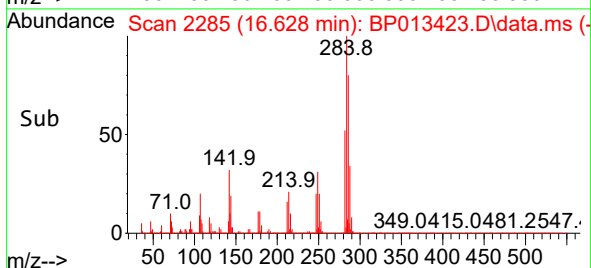
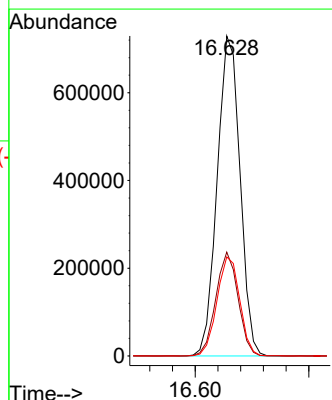
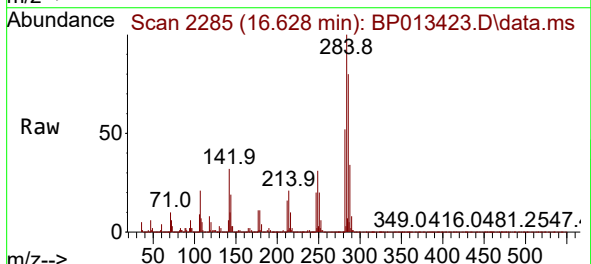
Instrument :
BNA_P
ClientSampleId :

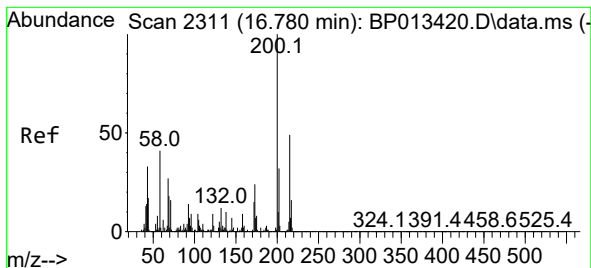
Tgt Ion:248 Resp: 877069
Ion Ratio Lower Upper
248 100
250 97.7 78.5 117.7
141 66.7 53.0 79.4



#69
Hexachlorobenzene
Concen: 27.264 ng/ul
RT: 16.628 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:284 Resp: 1018857
Ion Ratio Lower Upper
284 100
142 32.5 24.8 37.2
249 31.0 24.1 36.1





#70

Atrazine

Concen: 28.392 ng/ul

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

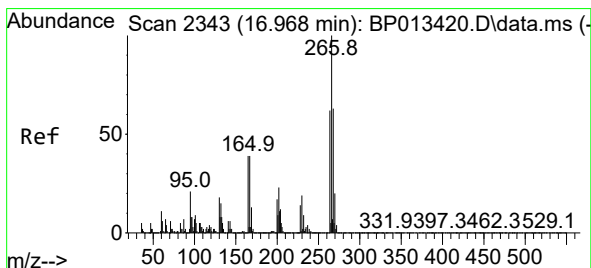
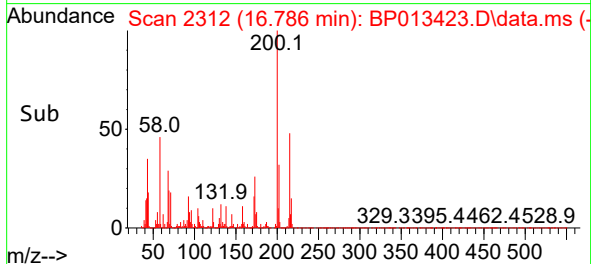
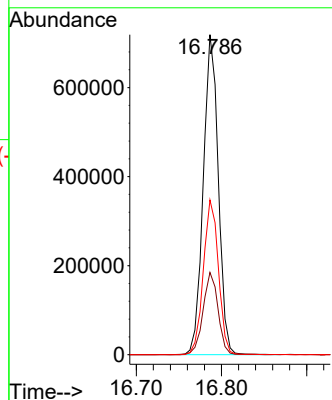
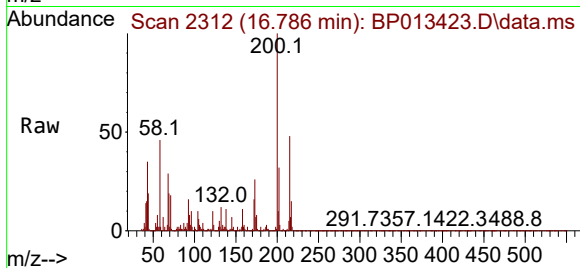
Tgt Ion:200 Resp: 878350

Ion Ratio Lower Upper

200 100

173 25.7 19.2 28.8

215 48.3 39.0 58.4



#71

Pentachlorophenol

Concen: 27.892 ng/ul

RT: 16.975 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

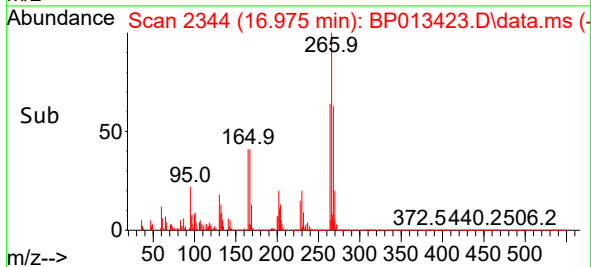
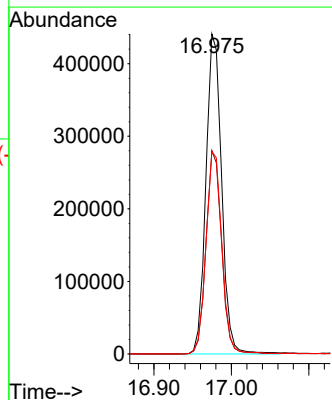
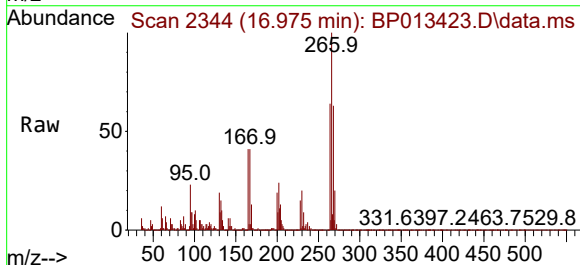
Tgt Ion:266 Resp: 620429

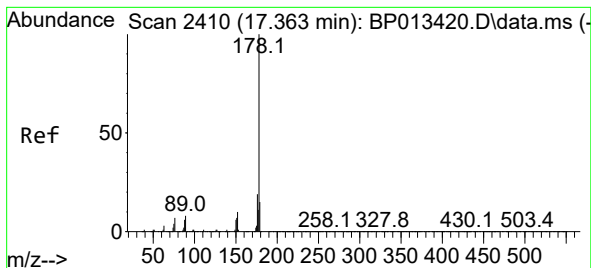
Ion Ratio Lower Upper

266 100

264 63.6 49.7 74.5

268 63.3 49.4 74.0





#72

Phenanthrene

Concen: 27.427 ng/ul

RT: 17.375 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

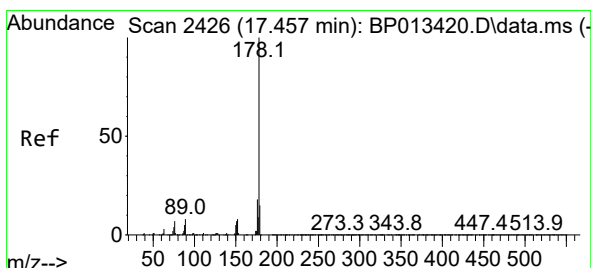
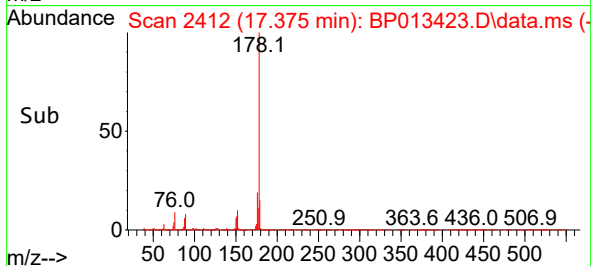
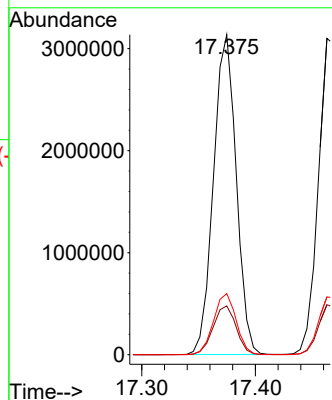
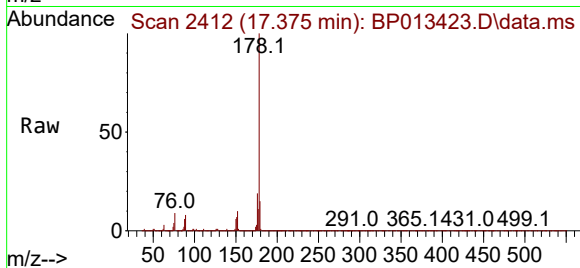
Tgt Ion:178 Resp: 4363015

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.1 15.4 23.0



#74

Anthracene

Concen: 27.890 ng/ul

RT: 17.463 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

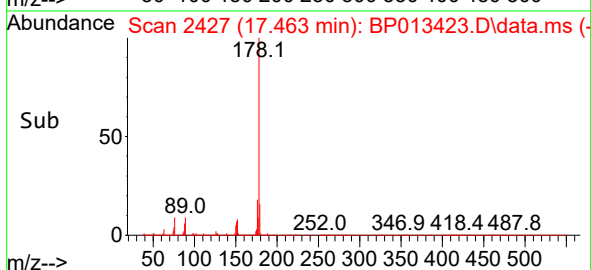
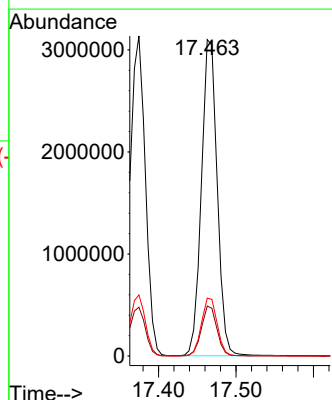
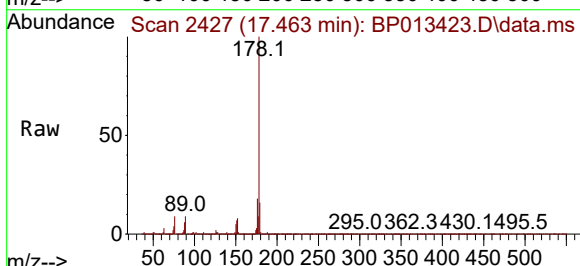
Tgt Ion:178 Resp: 4382485

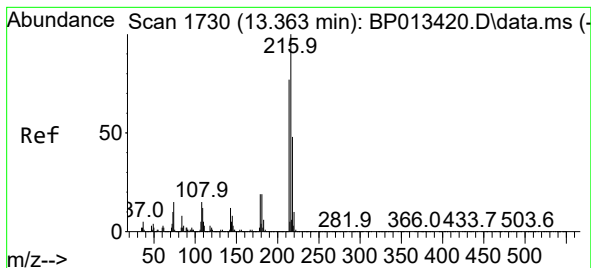
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.3 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.537 ng/uL

RT: 13.369 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

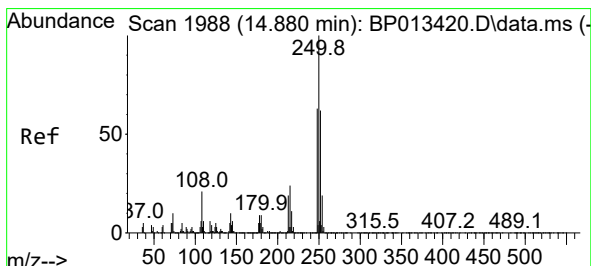
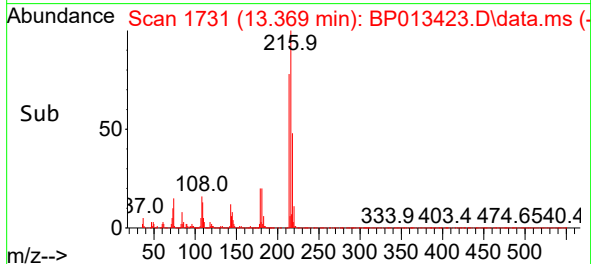
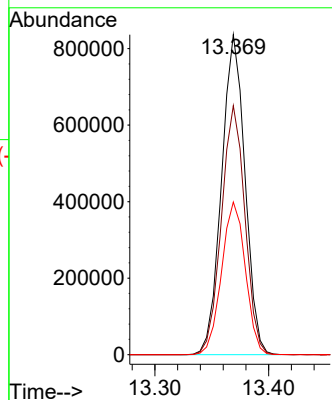
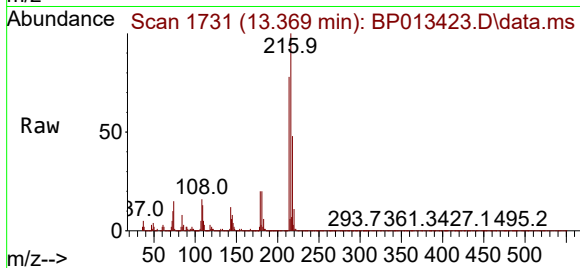
Tgt Ion:216 Resp: 1199130

Ion Ratio Lower Upper

216 100

214 77.8 61.7 92.5

218 47.7 38.1 57.1



#76

Pentachlorobenzene

Concen: 26.126 ng/uL

RT: 14.892 min Scan# 1990

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

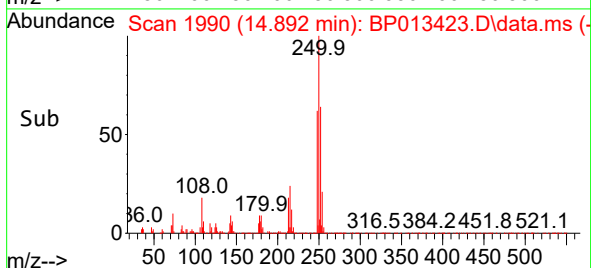
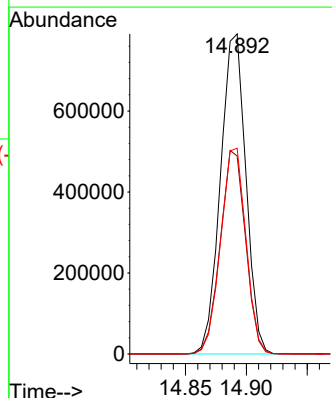
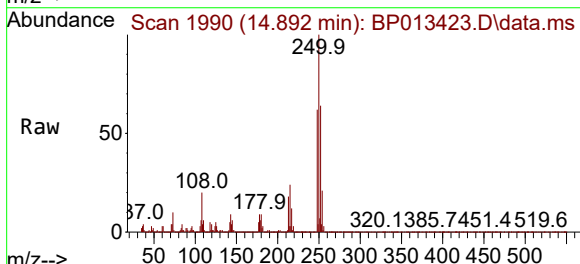
Tgt Ion:250 Resp: 1149389

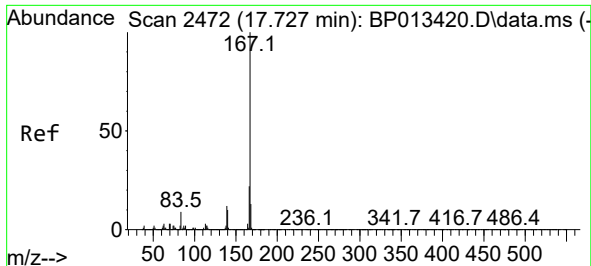
Ion Ratio Lower Upper

250 100

248 61.9 50.0 75.0

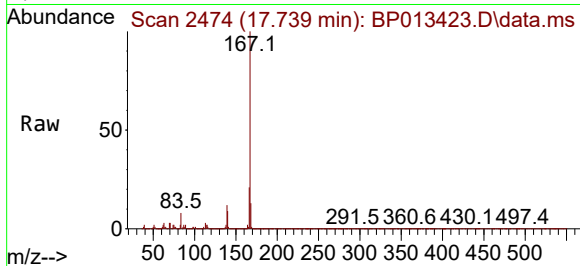
252 64.3 51.1 76.7



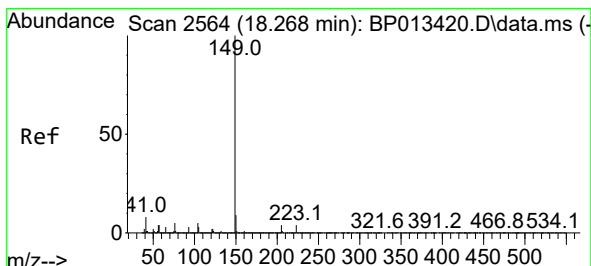
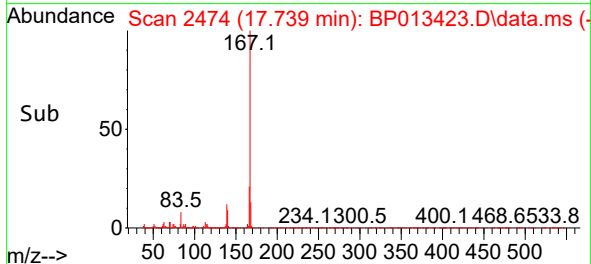
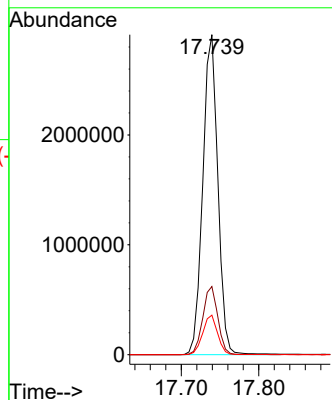


#77
 Carbazole
 Concen: 28.850 ng/ul
 RT: 17.739 min Scan# 2472
 Delta R.T. 0.012 min
 Lab File: BP013423.D
 Acq: 10 Jan 2023 12:25

Instrument :
 BNA_P
 ClientSampleId :

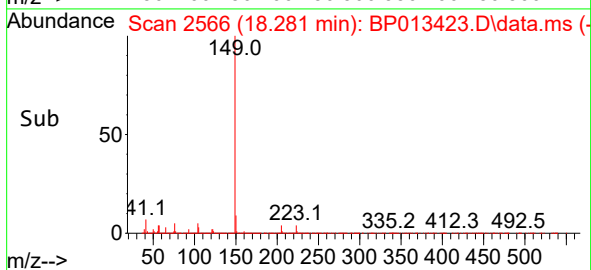
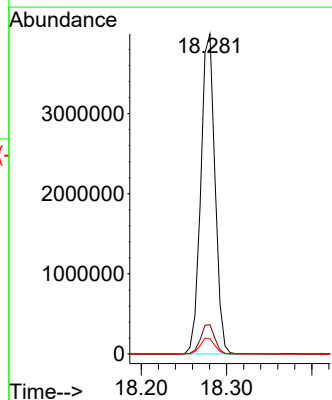
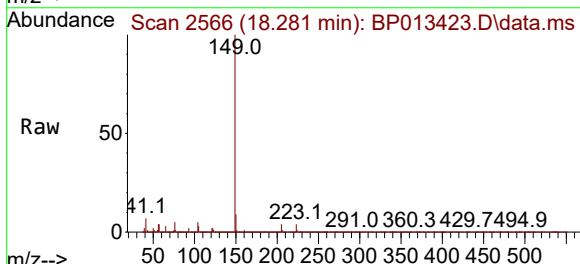


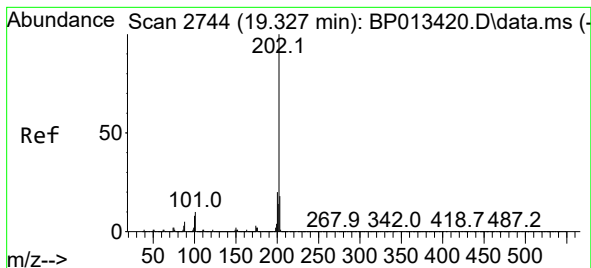
Tgt Ion:167 Resp: 3926478
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 12.4 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 34.551 ng/ul
 RT: 18.281 min Scan# 2566
 Delta R.T. 0.012 min
 Lab File: BP013423.D
 Acq: 10 Jan 2023 12:25

Tgt Ion:149 Resp: 4611745
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 4.8 4.3 6.5





#80

Fluoranthene

Concen: 28.832 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

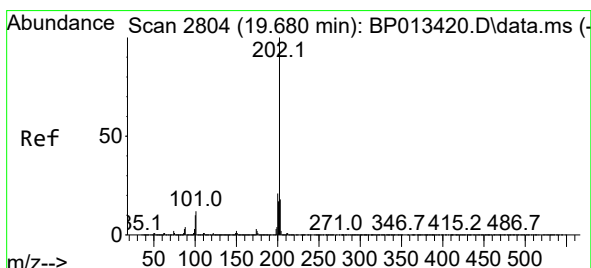
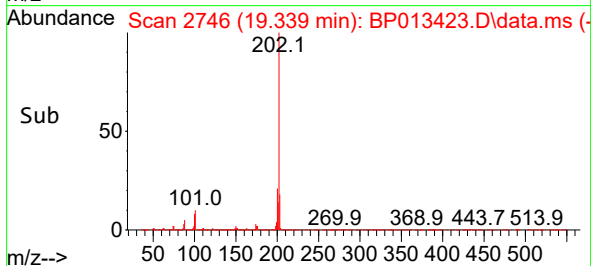
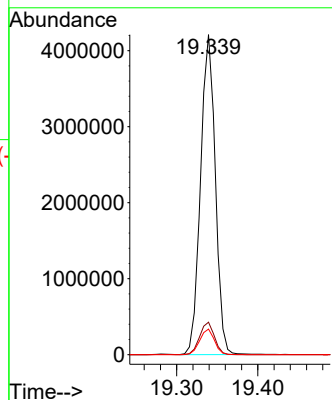
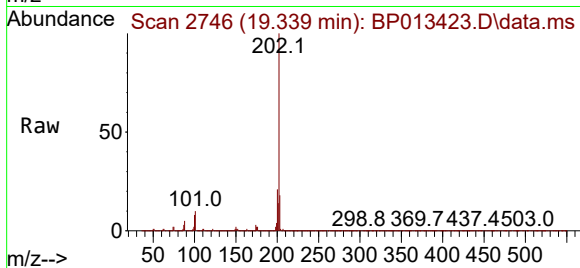
Tgt Ion:202 Resp: 5329208

Ion Ratio Lower Upper

202 100

101 10.1 8.3 12.5

100 8.0 6.8 10.2



#82

Pyrene

Concen: 28.188 ng/ul

RT: 19.692 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

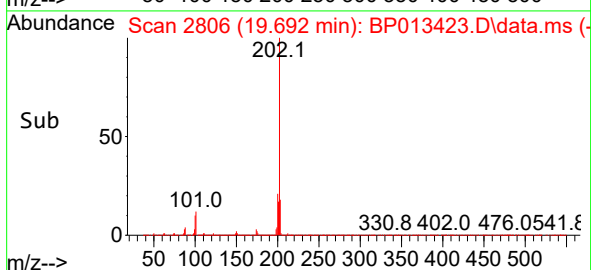
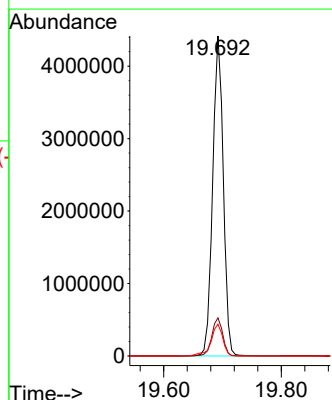
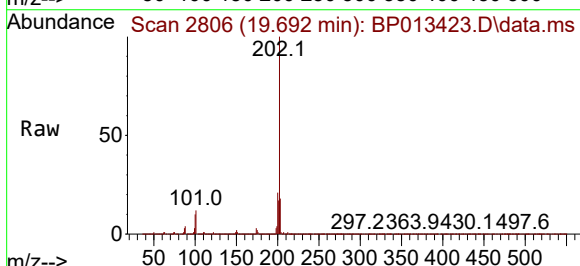
Tgt Ion:202 Resp: 5520539

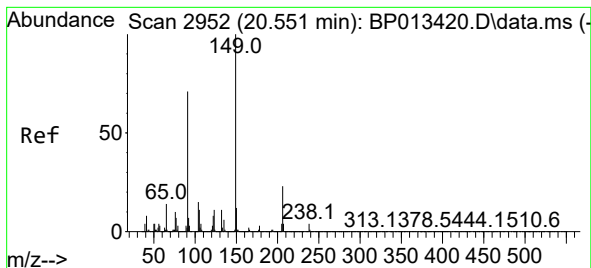
Ion Ratio Lower Upper

202 100

101 11.9 8.8 13.2

100 9.9 7.4 11.2





#83

Butylbenzylphthalate

Concen: 34.661 ng/ul

RT: 20.557 min Scan# 2953

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

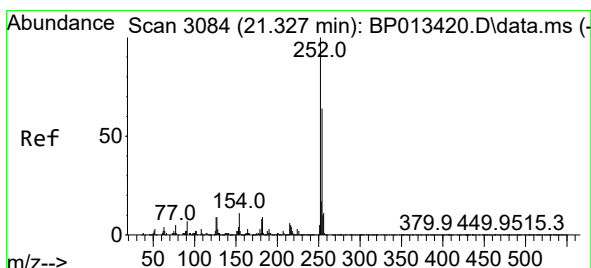
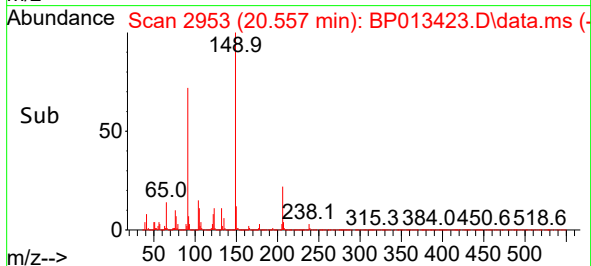
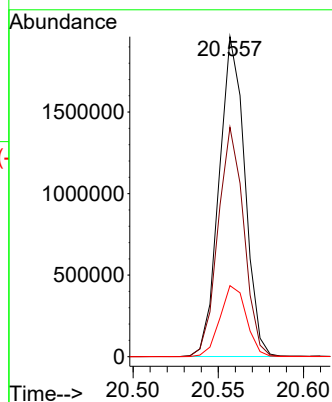
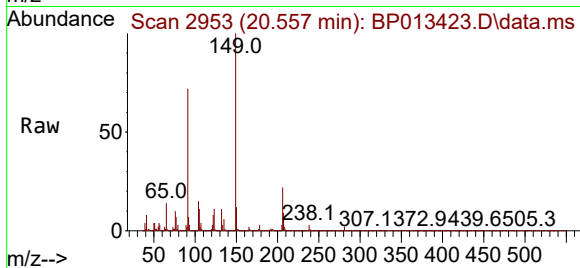
Tgt Ion:149 Resp: 2059874

Ion Ratio Lower Upper

149 100

91 71.7 55.8 83.6

206 22.2 18.5 27.7



#84

3,3'-Dichlorobenzidine

Concen: 30.537 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

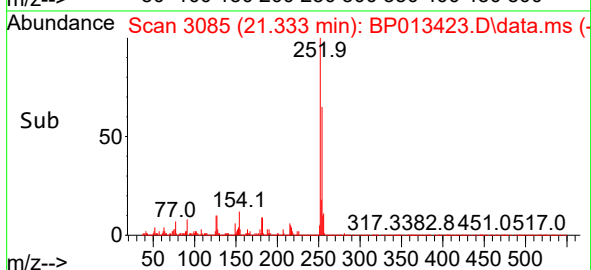
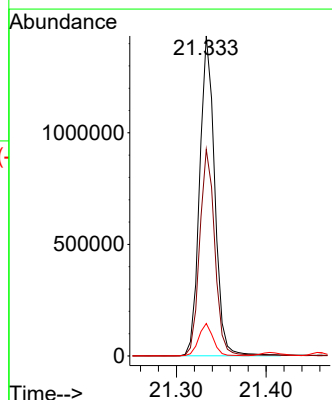
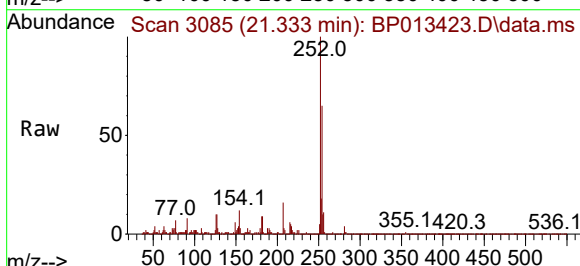
Tgt Ion:252 Resp: 1670469

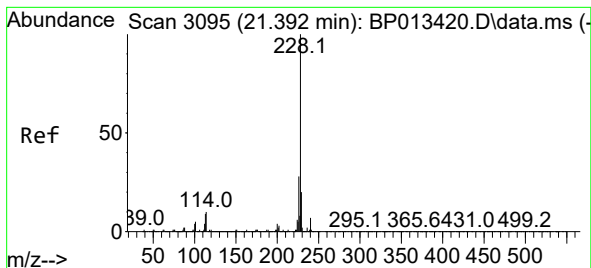
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.4

126 10.2 7.0 10.4





#85

Benzo(a)anthracene

Concen: 28.156 ng/ul

RT: 21.404 min Scan# 3095

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNP_P

ClientSampleId :

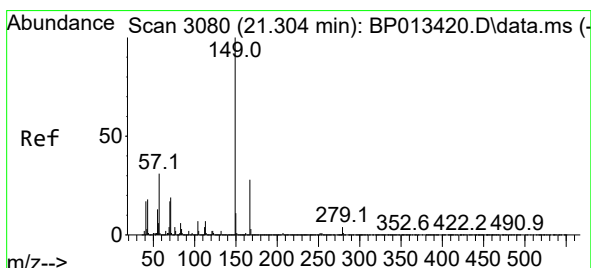
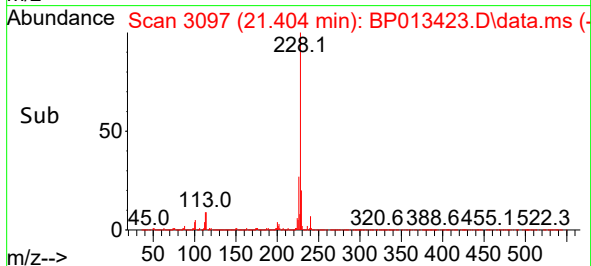
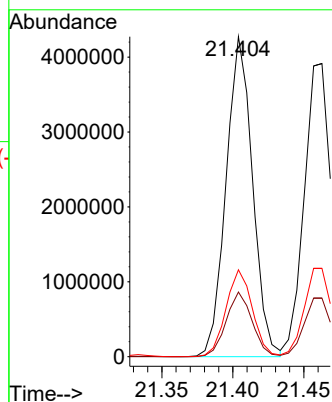
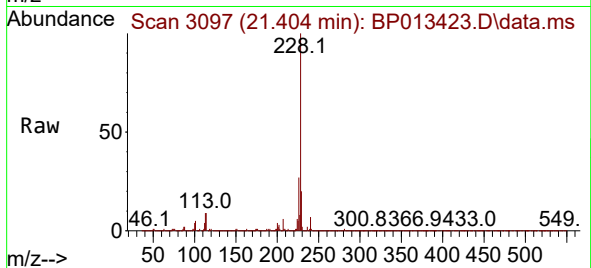
Tgt Ion:228 Resp: 5534543

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.2 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.139 ng/ul

RT: 21.316 min Scan# 3082

Delta R.T. 0.012 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

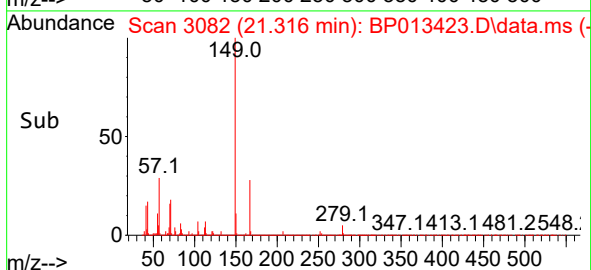
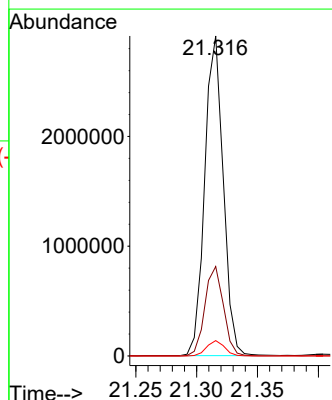
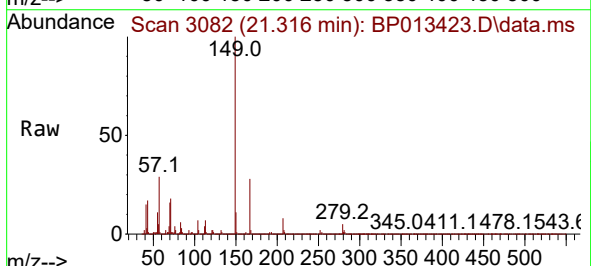
Tgt Ion:149 Resp: 3074421

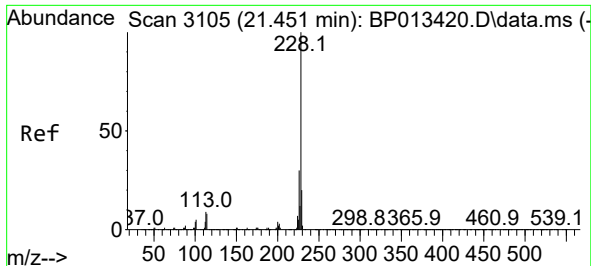
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.8 3.5 5.3

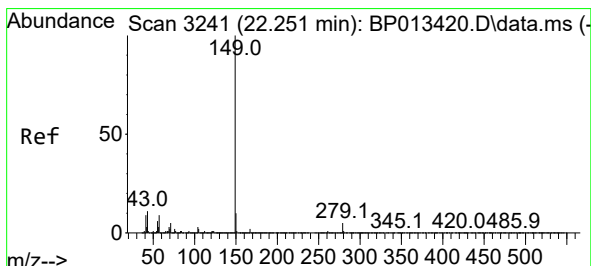
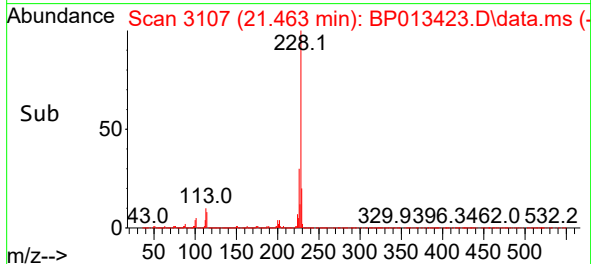
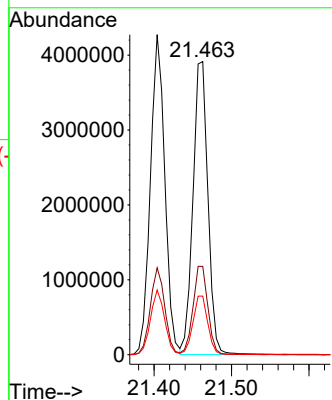
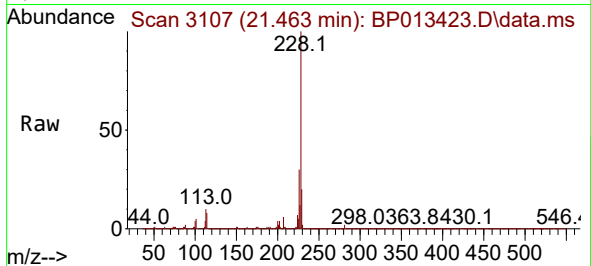




#87
Chrysene
Concen: 27.274 ng/ul
RT: 21.463 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

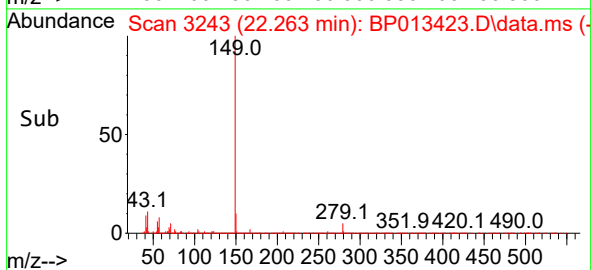
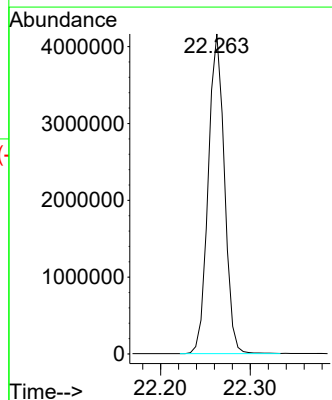
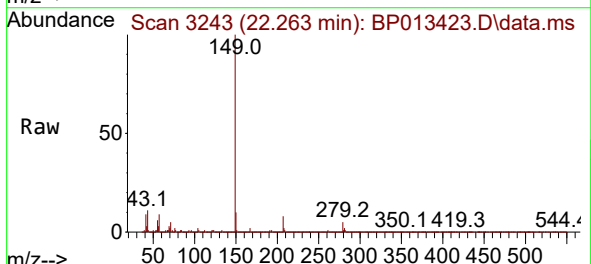
Instrument :
BNA_P
ClientSampleId :

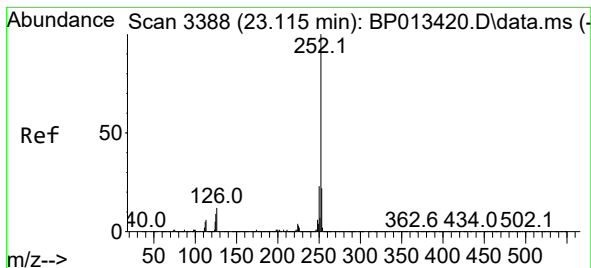
Tgt Ion:228 Resp: 5225377
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 20.0 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 37.497 ng/ul
RT: 22.263 min Scan# 3243
Delta R.T. 0.012 min
Lab File: BP013423.D
Acq: 10 Jan 2023 12:25

Tgt Ion:149 Resp: 5209670





#90

Benzo(b)fluoranthene

Concen: 27.433 ng/ul

RT: 23.133 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

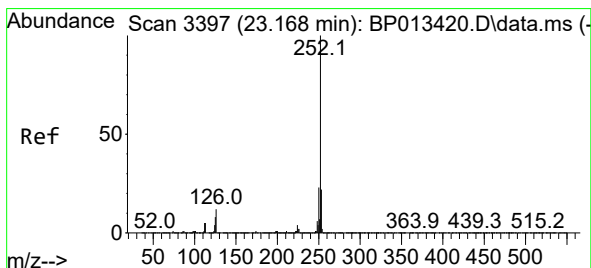
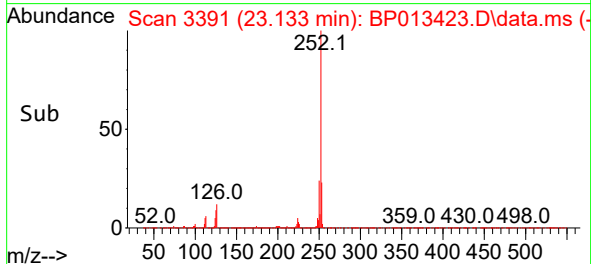
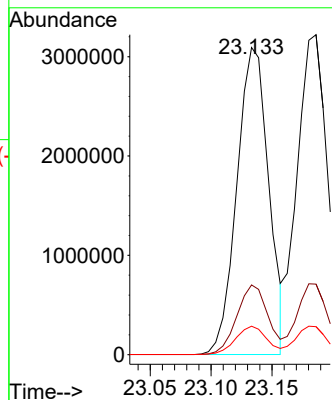
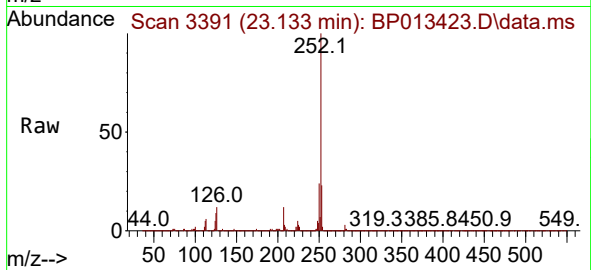
Tgt Ion:252 Resp: 5623637

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 9.3 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 29.214 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. 0.018 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

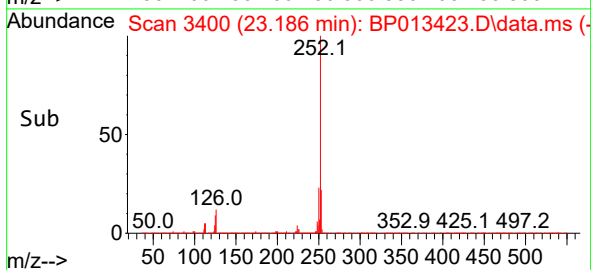
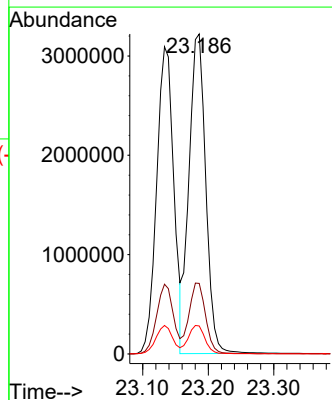
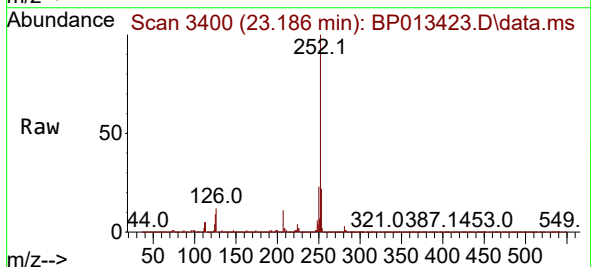
Tgt Ion:252 Resp: 5714498

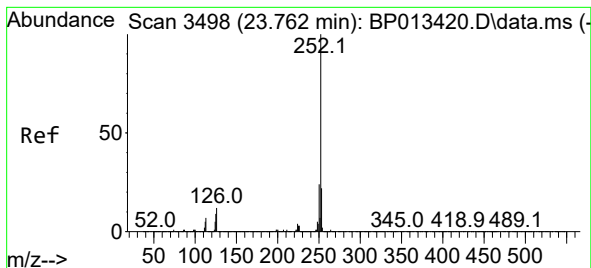
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.8 6.9 10.3





#93

Benzo(a)pyrene

Concen: 28.070 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

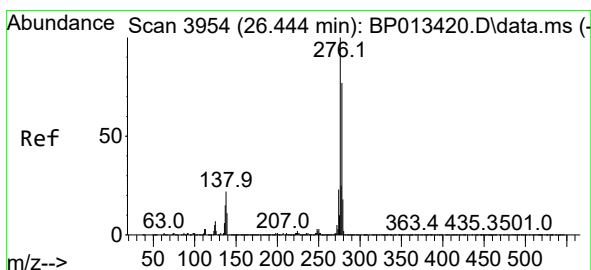
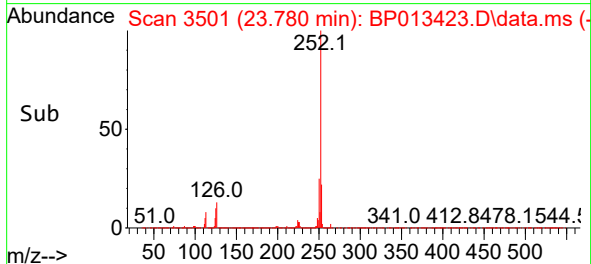
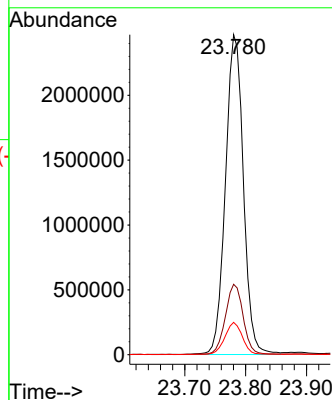
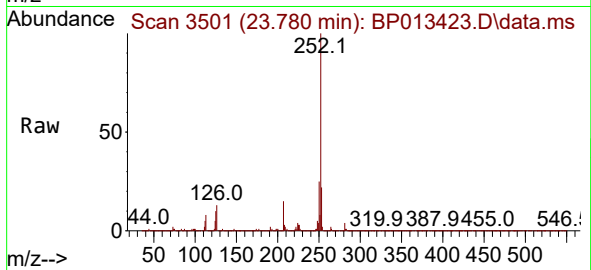
Tgt Ion:252 Resp: 5052204

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.1 7.6 11.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.507 ng/ul

RT: 26.468 min Scan# 3958

Delta R.T. 0.023 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

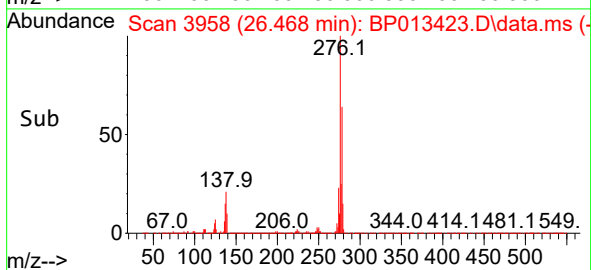
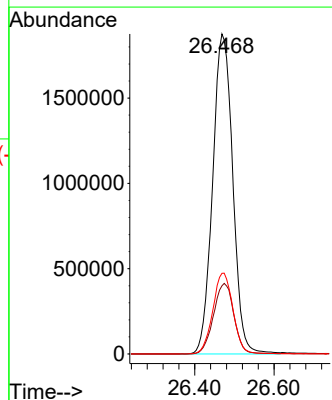
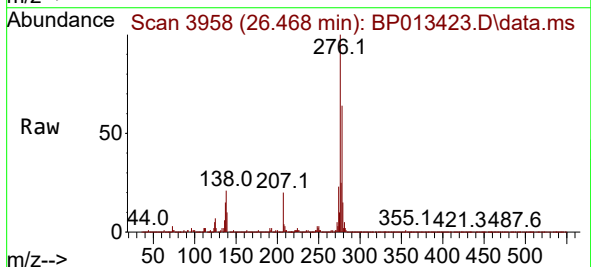
Tgt Ion:276 Resp: 6610555

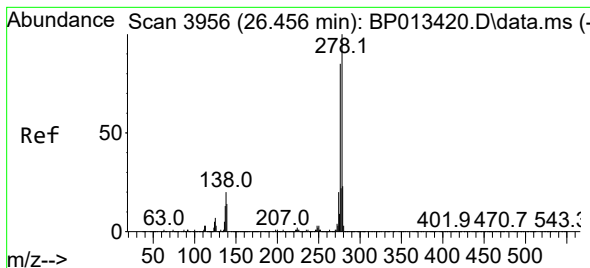
Ion Ratio Lower Upper

276 100

138 21.3 17.3 25.9

277 25.2 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 26.882 ng/ul

RT: 26.486 min Scan# 3956

Delta R.T. 0.029 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Instrument :

BNA_P

ClientSampleId :

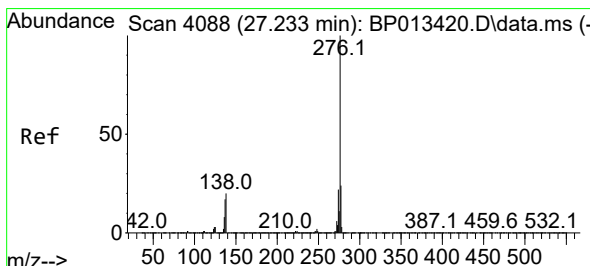
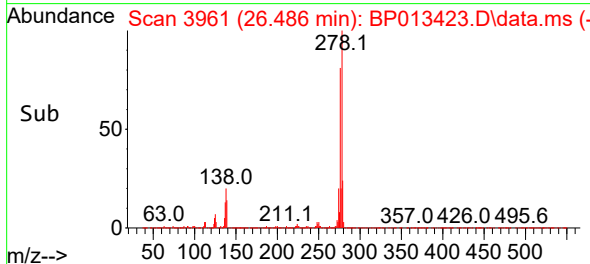
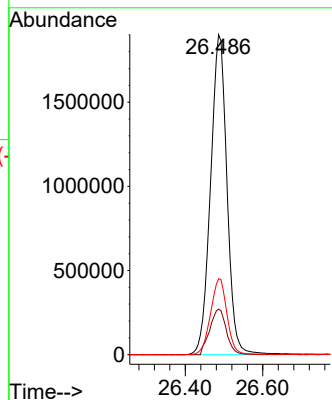
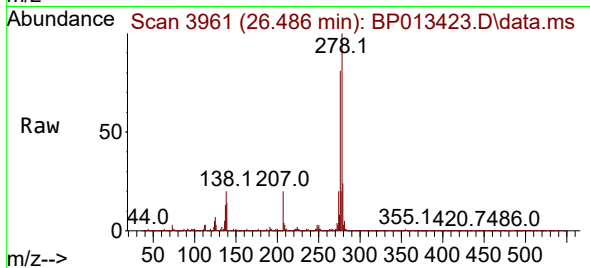
Tgt Ion:278 Resp: 5592474

Ion Ratio Lower Upper

278 100

139 14.3 11.3 16.9

279 23.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 26.480 ng/ul

RT: 27.268 min Scan# 4094

Delta R.T. 0.035 min

Lab File: BP013423.D

Acq: 10 Jan 2023 12:25

Tgt Ion:276 Resp: 5431704

Ion Ratio Lower Upper

276 100

138 18.6 14.5 21.7

277 23.4 18.8 28.2

