

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013441.D
 Acq On : 11 Jan 2023 13:33
 Operator : CG/JU
 Sample : PB150163BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150163BS

Quant Time: Jan 12 02:27:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 02:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	510386	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1909007	20.000	ng	# 0.00
39) Acenaphthene-d10	14.563	164	1111360	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2128183	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1906912	20.000	ng	0.00
86) Perylene-d12	23.869	264	1848812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4319256	154.625	ng	0.00
7) Phenol-d6	7.087	99	5357690	146.868	ng	0.01
23) Nitrobenzene-d5	9.087	82	3155298	90.613	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1908714	142.447	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6976912	85.239	ng	0.00
79) Terphenyl-d14	19.875	244	9146501	94.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	472728	38.194	ng	94
3) Pyridine	3.758	79	1219803	34.703	ng	94
4) n-Nitrosodimethylamine	3.664	42	771151	48.956	ng	90
6) Aniline	7.246	93	1339472	30.322	ng	97
8) 2-Chlorophenol	7.481	128	1474394	44.773	ng	96
10) Phenol	7.111	94	1875794	45.938	ng	95
11) bis(2-Chloroethyl)ether	7.340	93	1458415	44.364	ng	96
12) 1,3-Dichlorobenzene	7.805	146	1639802	42.799	ng	99
13) 1,4-Dichlorobenzene	7.952	146	1663039	42.621	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1605919	43.363	ng	99
15) Benzyl Alcohol	8.164	79	1229275	46.453	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2329306	48.921	ng	98
17) 2-Methylphenol	8.364	107	1208605	44.780	ng	98
18) Hexachloroethane	8.999	117	586867	44.412	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	1070038	45.164	ng	95
20) 3+4-Methylphenols	8.693	107	1590094	43.335	ng	98
22) Acetophenone	8.752	105	2119524	44.618	ng	# 96
24) Nitrobenzene	9.134	77	1613705	44.465	ng	99
25) Isophorone	9.658	82	2781659	47.034	ng	99
26) 2-Nitrophenol	9.846	139	738890	40.519	ng	98
27) 2,4-Dimethylphenol	9.905	122	1284257	51.319	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	1827539	48.190	ng	99
29) 2,4-Dichlorophenol	10.375	162	1341540	43.437	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	1517541	41.630	ng	98
31) Naphthalene	10.781	128	4277088	40.918	ng	100
32) Benzoic acid	10.040	122	845155	40.070	ng	96
33) 4-Chloroaniline	10.899	127	575859	14.772	ng	97
34) Hexachlorobutadiene	11.057	225	960492	41.304	ng	99
35) Caprolactam	11.693	113	346191	43.414	ng	# 85
36) 4-Chloro-3-methylphenol	12.016	107	1286826	44.608	ng	98
37) 2-Methylnaphthalene	12.387	142	2937421	41.786	ng	99
38) 1-Methylnaphthalene	12.604	142	2742297	40.059	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1675276	42.254	ng	99
41) Hexachlorocyclopentadiene	12.734	237	2089448	104.517	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	1065175	42.604	ng	99
44) 2,4,5-Trichlorophenol	13.069	196	1149554	42.557	ng	99

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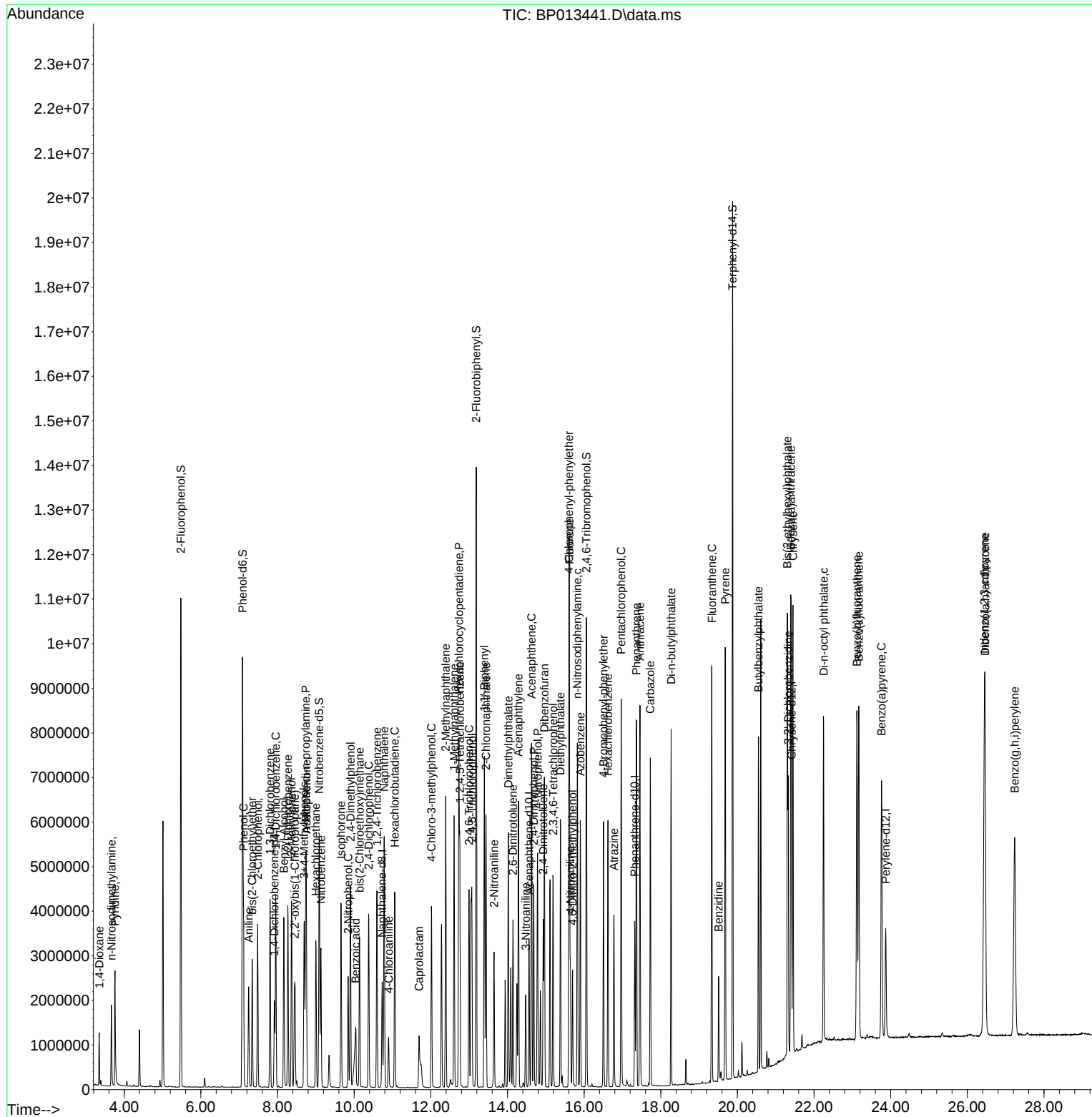
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.399	154	3736319	42.519	ng	99
47) 2-Chloronaphthalene	13.440	162	2891163	41.396	ng	99
48) 2-Nitroaniline	13.651	65	818670	43.657	ng	96
49) Acenaphthylene	14.287	152	4356224	42.402	ng	100
50) Dimethylphthalate	14.022	163	3449780	42.438	ng	99
51) 2,6-Dinitrotoluene	14.146	165	745115	44.793	ng	97
52) Acenaphthene	14.628	154	2617731	40.986	ng	100
53) 3-Nitroaniline	14.475	138	454333	25.465	ng	99
54) 2,4-Dinitrophenol	14.687	184	924864	83.715	ng	97
55) Dibenzofuran	14.963	168	4243227	41.515	ng	99
56) 4-Nitrophenol	14.787	139	1261789	90.768	ng	97
57) 2,4-Dinitrotoluene	14.934	165	986900	43.844	ng	94
58) Fluorene	15.616	166	3358453	42.453	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	969847	42.002	ng	99
60) Diethylphthalate	15.381	149	3251388	43.508	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1779124	43.455	ng	97
62) 4-Nitroaniline	15.640	138	668942	38.602	ng	94
63) Azobenzene	15.898	77	3158112	45.473	ng	95
65) 4,6-Dinitro-2-methylph...	15.698	198	555225	40.611	ng	91
66) n-Nitrosodiphenylamine	15.822	169	2873278	43.242	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	1081818	42.989	ng	99
68) Hexachlorobenzene	16.622	284	1229503	41.728	ng	98
69) Atrazine	16.781	200	684104	36.695	ng	99
70) Pentachlorophenol	16.969	266	1521800	87.700	ng	100
71) Phenanthrene	17.363	178	5047412	41.680	ng	99
72) Anthracene	17.457	178	5020594	44.161	ng	100
73) Carbazole	17.728	167	4483931	44.990	ng	100
74) Di-n-butylphthalate	18.269	149	5086747	46.402	ng	99
75) Fluoranthene	19.334	202	5624819	43.154	ng	99
77) Benzidine	19.510	184	1267167	46.783	ng	99
78) Pyrene	19.686	202	5838369	42.610	ng	100
80) Butylbenzylphthalate	20.551	149	2080871	42.650	ng	99
81) Benzo(a)anthracene	21.392	228	5488997	42.113	ng	100
82) 3,3'-Dichlorobenzidine	21.328	252	1809804	46.629	ng	98
83) Chrysene	21.451	228	5207764	40.961	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	3050350	45.317	ng	99
85) Di-n-octyl phthalate	22.251	149	4816388	43.548	ng	97
87) Indeno(1,2,3-cd)pyrene	26.445	276	6955220	46.041	ng	99
88) Benzo(b)fluoranthene	23.116	252	5677407	47.695	ng	99
89) Benzo(k)fluoranthene	23.169	252	5353567	44.458	ng	99
90) Benzo(a)pyrene	23.763	252	4805584	48.106	ng	99
91) Dibenzo(a,h)anthracene	26.463	278	5982844	47.655	ng	99
92) Benzo(g,h,i)perylene	27.233	276	6054131	48.670	ng	99

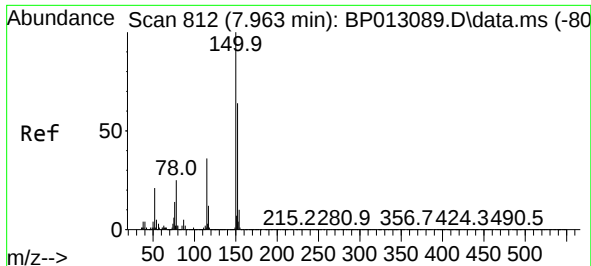
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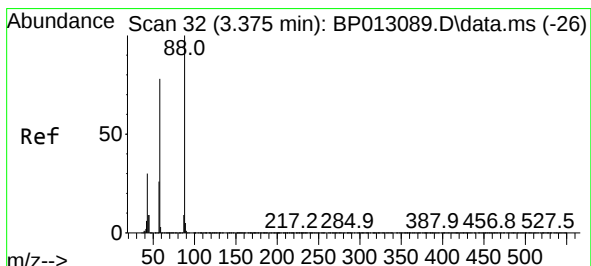
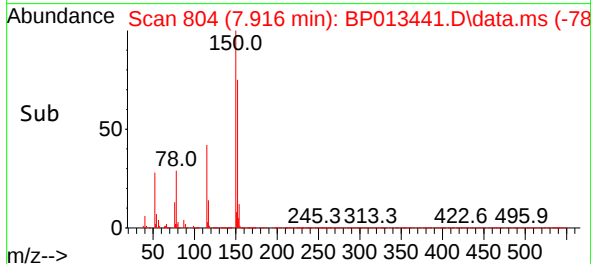
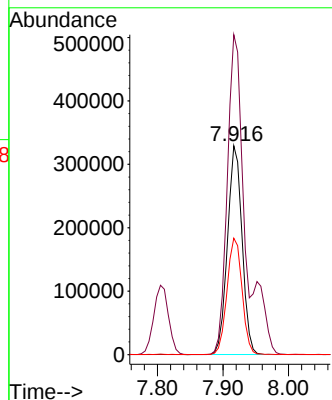
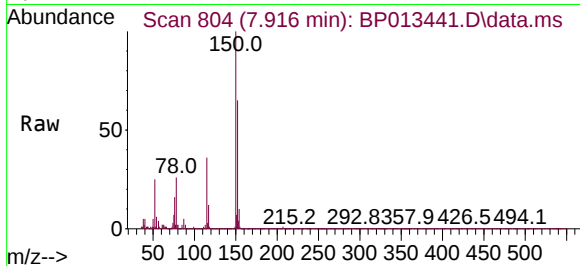




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP013441.D
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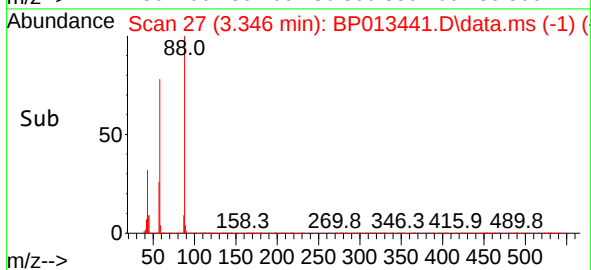
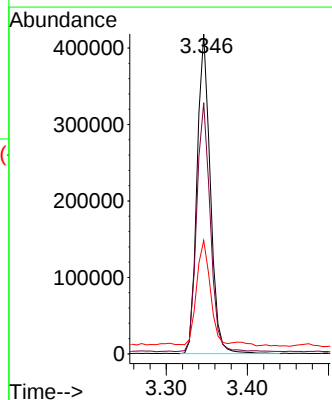
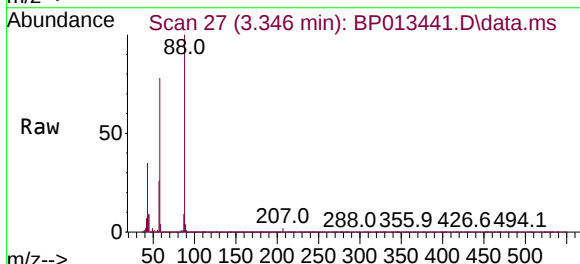
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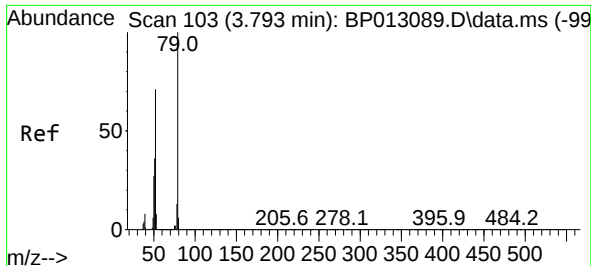
Tgt Ion:152 Resp: 510386
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.3 187.9
 115 55.7 45.6 68.4



#2
 1,4-Dioxane
 Concen: 38.194 ng
 RT: 3.346 min Scan# 27
 Delta R.T. 0.006 min
 Lab File: BP013441.D
 Acq: 11 Jan 2023 13:33

Tgt Ion: 88 Resp: 472728
 Ion Ratio Lower Upper
 88 100
 58 79.7 60.1 90.1
 43 32.8 23.5 35.3

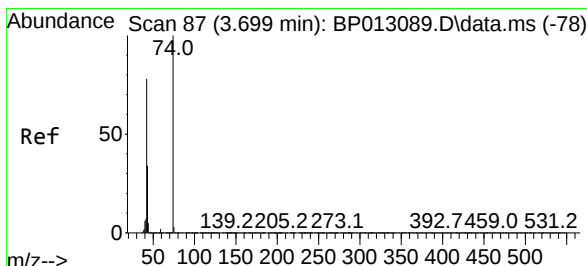
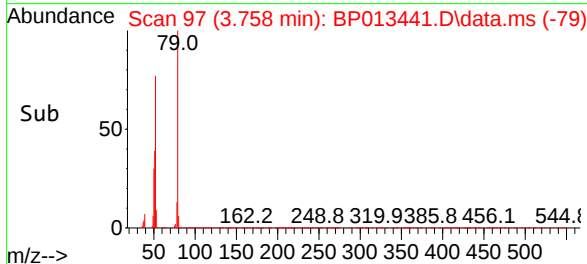
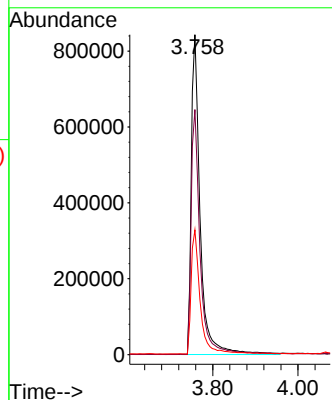
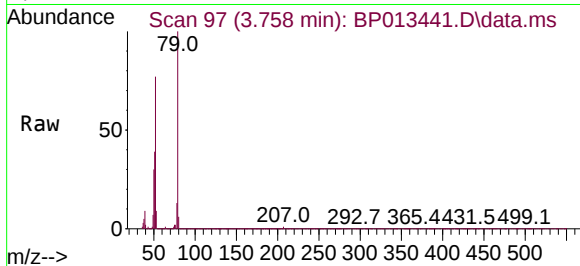




#3
 Pyridine
 Concen: 34.703 ng
 RT: 3.758 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP013441.D
 Acq: 11 Jan 2023 13:33

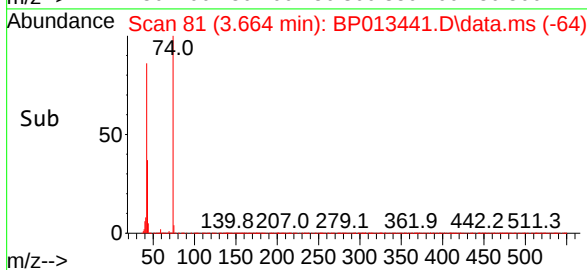
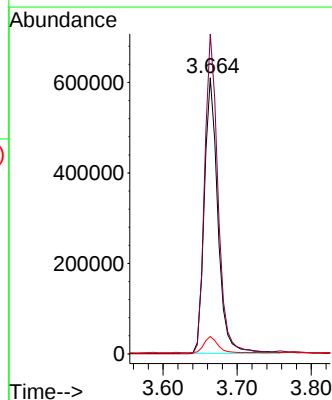
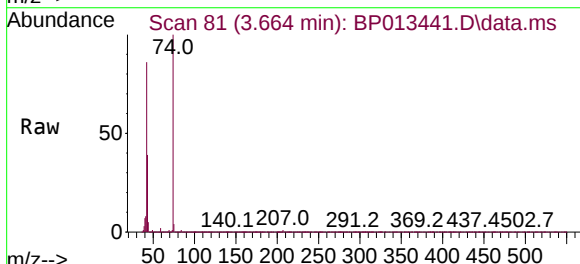
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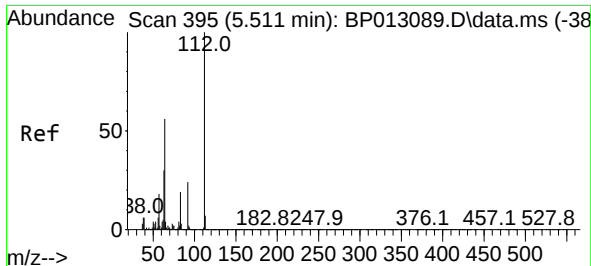
Tgt Ion: 79 Resp: 1219803
 Ion Ratio Lower Upper
 79 100
 52 76.6 57.0 85.4
 51 39.0 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 48.956 ng
 RT: 3.664 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP013441.D
 Acq: 11 Jan 2023 13:33

Tgt Ion: 42 Resp: 771151
 Ion Ratio Lower Upper
 42 100
 74 115.9 102.7 154.1
 44 6.3 5.6 8.4

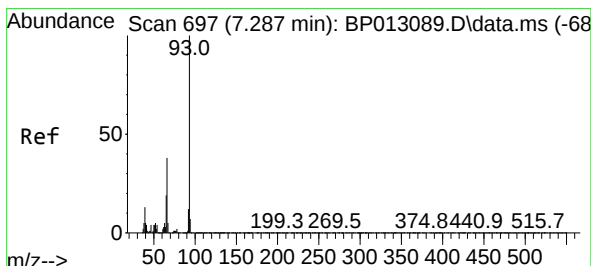
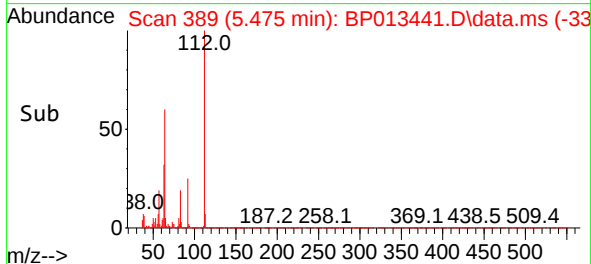
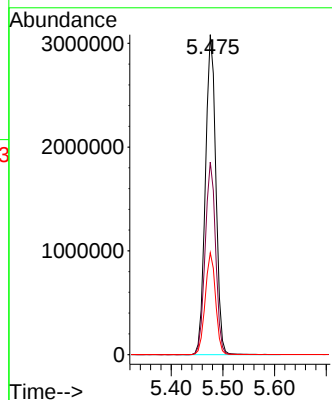
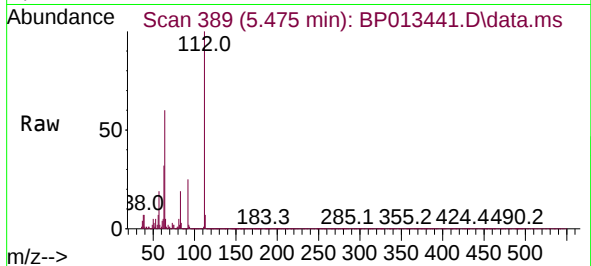




#5
2-Fluorophenol
Concen: 154.625 ng
RT: 5.475 min Scan# 389
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

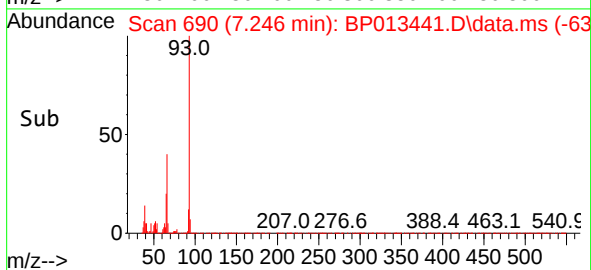
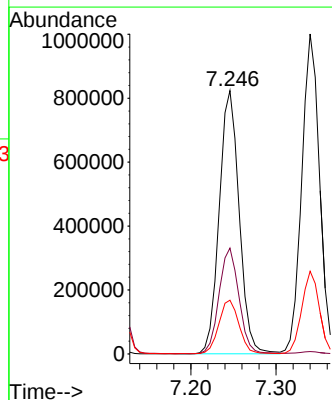
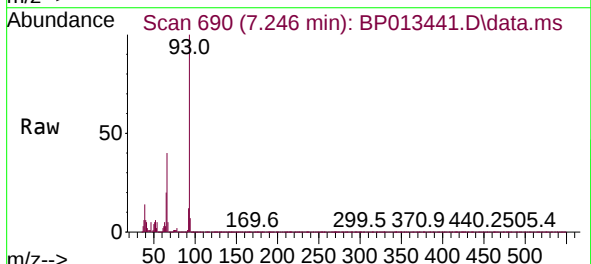
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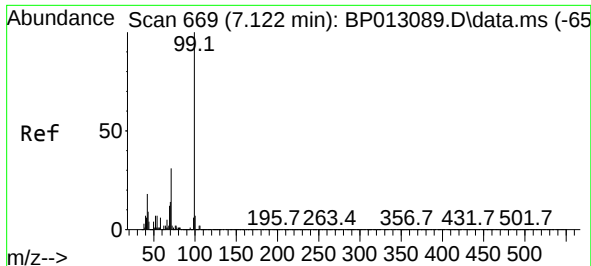
Tgt Ion:112 Resp: 4319256
Ion Ratio Lower Upper
112 100
64 60.2 45.1 67.7
63 31.8 23.8 35.6



#6
Aniline
Concen: 30.322 ng
RT: 7.246 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 93 Resp: 1339472
Ion Ratio Lower Upper
93 100
66 40.2 30.6 45.8
65 20.4 15.5 23.3

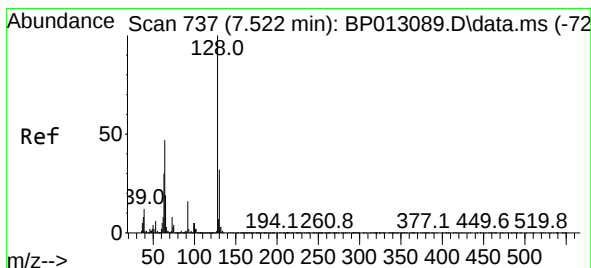
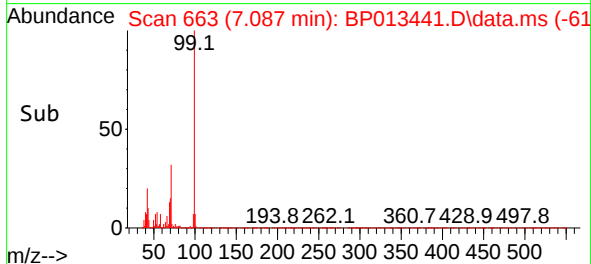
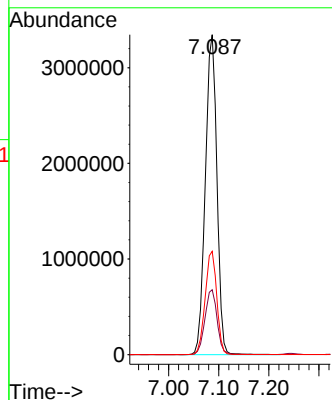
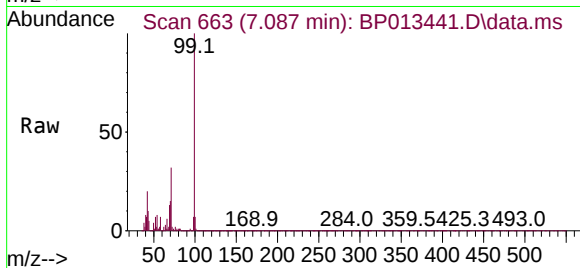




#7
Phenol-d6
Concen: 146.868 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

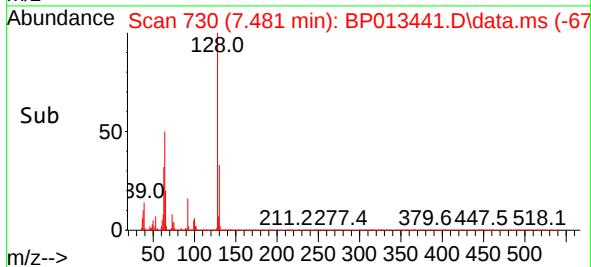
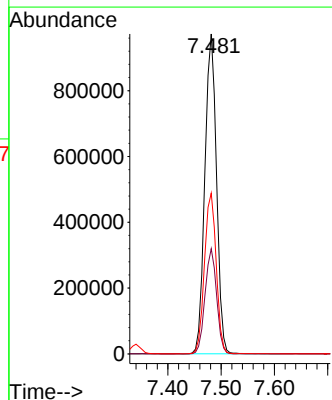
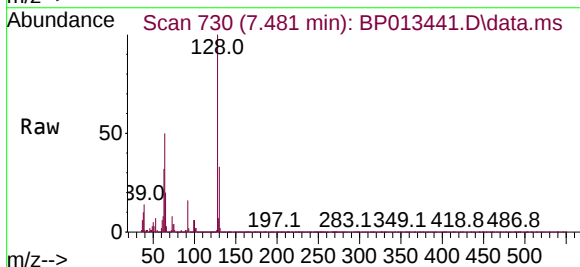
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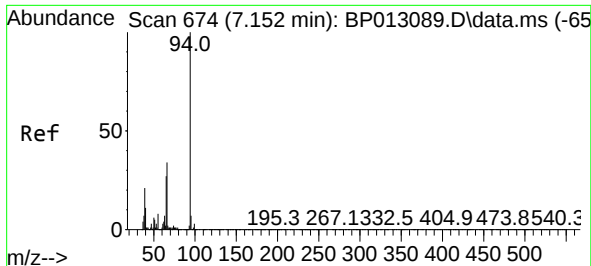
Tgt Ion: 99 Resp: 5357690
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 32.3 24.7 37.1



#8
2-Chlorophenol
Concen: 44.773 ng
RT: 7.481 min Scan# 730
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:128 Resp: 1474394
Ion Ratio Lower Upper
128 100
130 32.9 11.9 51.9
64 50.2 26.7 66.7

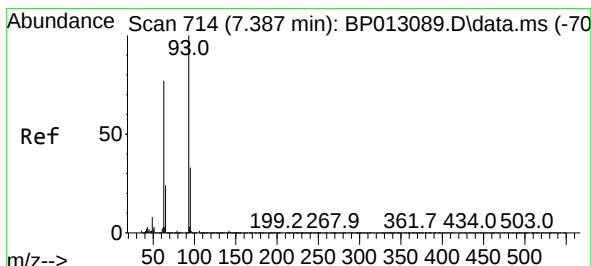
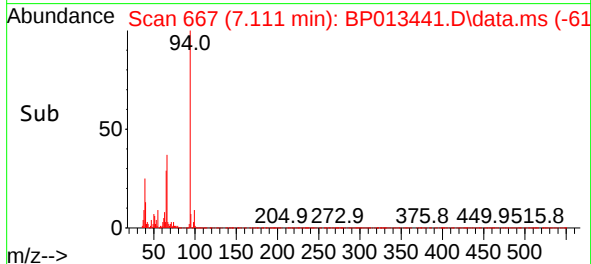
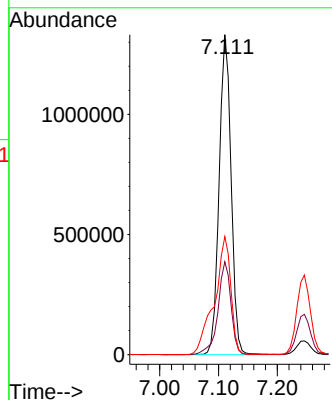
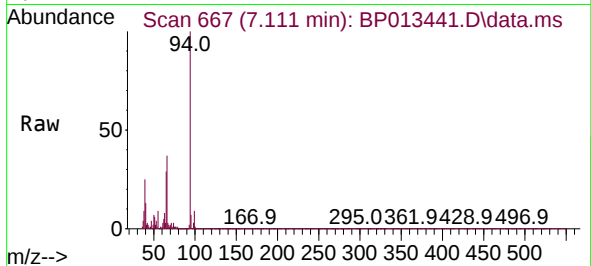




#10
Phenol
Concen: 45.938 ng
RT: 7.111 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP013441.D
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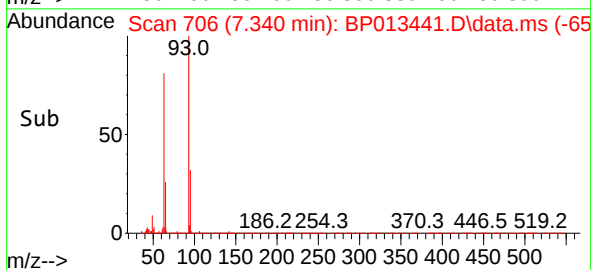
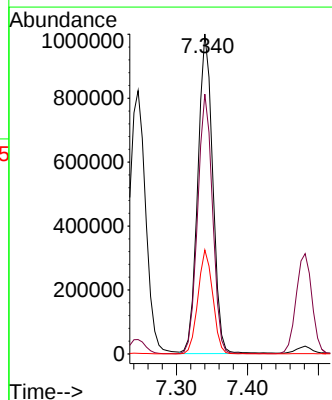
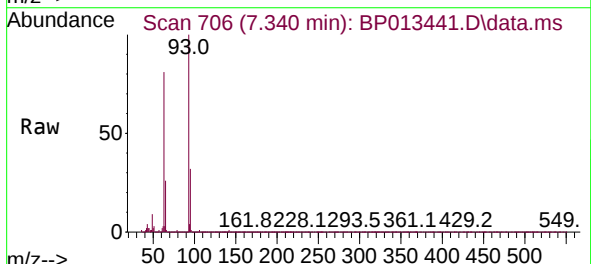
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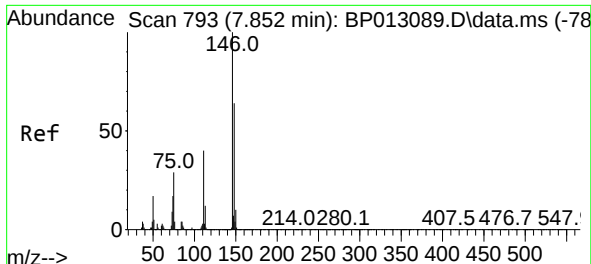
Tgt Ion: 94 Resp: 1875794
Ion Ratio Lower Upper
94 100
65 29.0 7.2 47.2
66 36.9 13.7 53.7



#11
bis(2-Chloroethyl)ether
Concen: 44.364 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 93 Resp: 1458415
Ion Ratio Lower Upper
93 100
63 81.2 56.3 96.3
95 32.5 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 42.799 ng

RT: 7.805 min Scan# 78

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

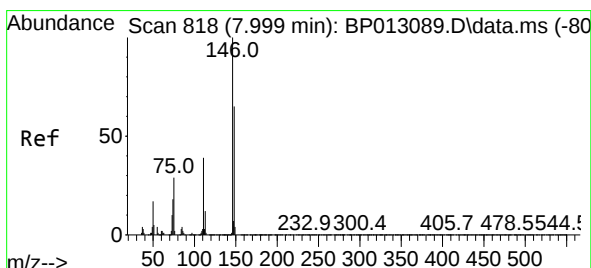
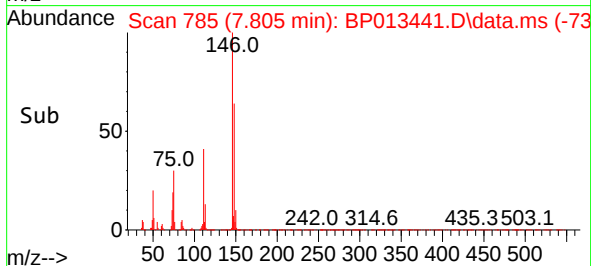
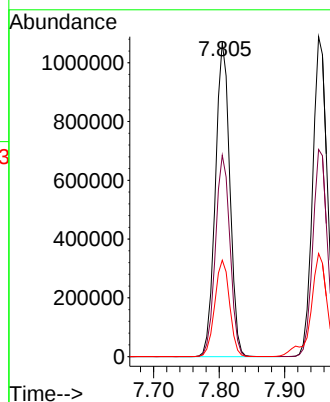
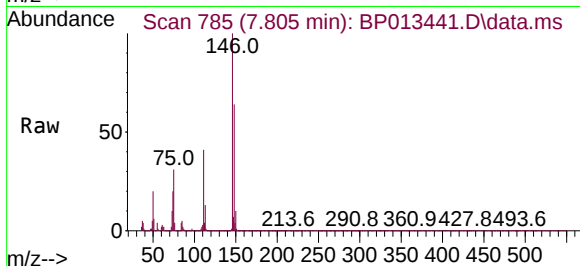
Tgt Ion:146 Resp: 1639802

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

75 30.7 23.0 34.4



#13

1,4-Dichlorobenzene

Concen: 42.621 ng

RT: 7.952 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

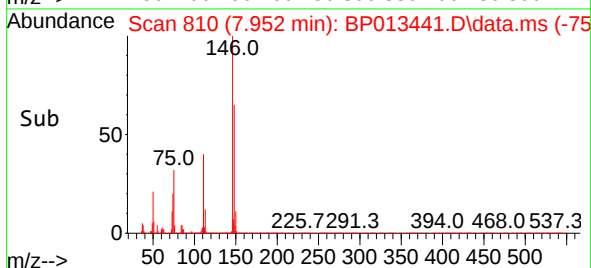
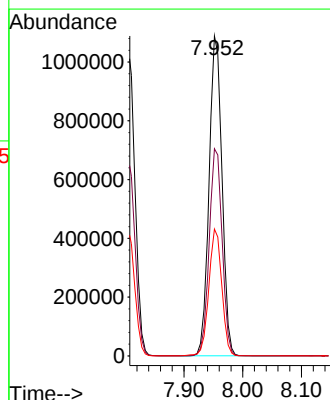
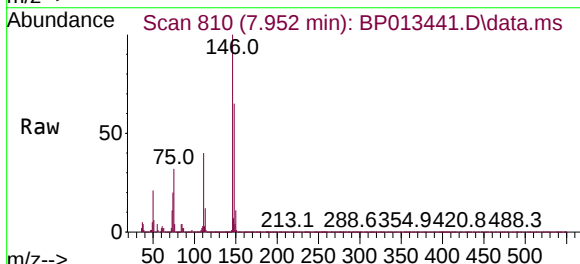
Tgt Ion:146 Resp: 1663039

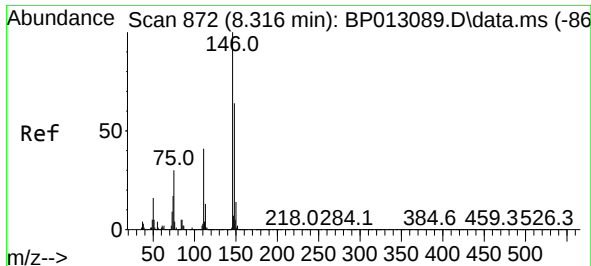
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 39.6 31.3 46.9

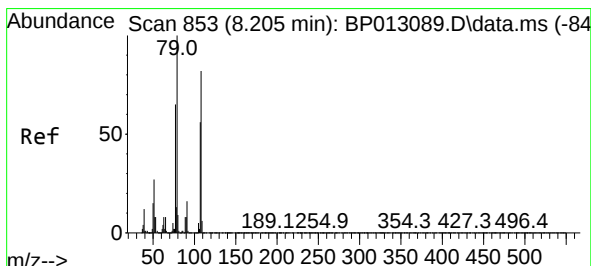
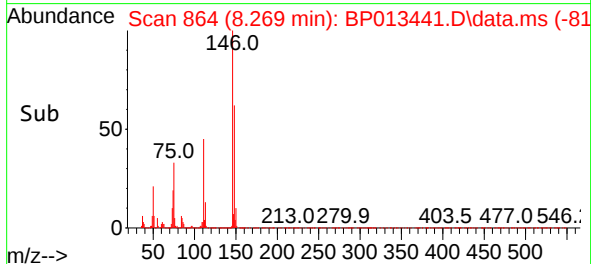
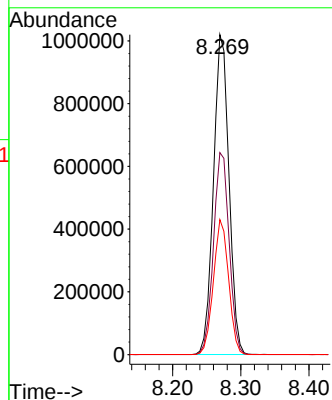
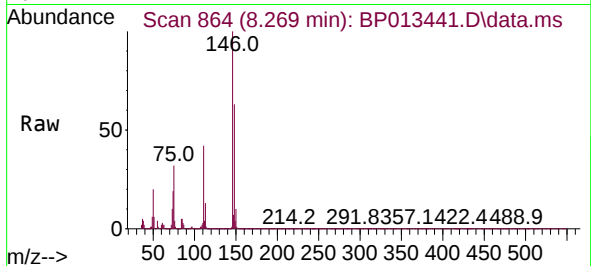




#14
1,2-Dichlorobenzene
Concen: 43.363 ng
RT: 8.269 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

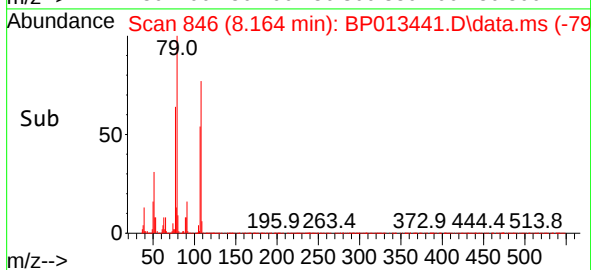
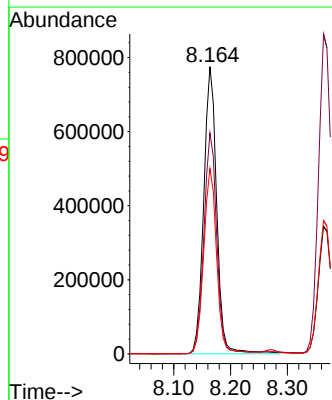
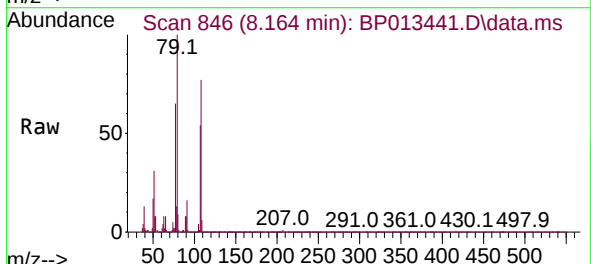
Instrument :
BNA_P
ClientSampleId :
PB150163BS

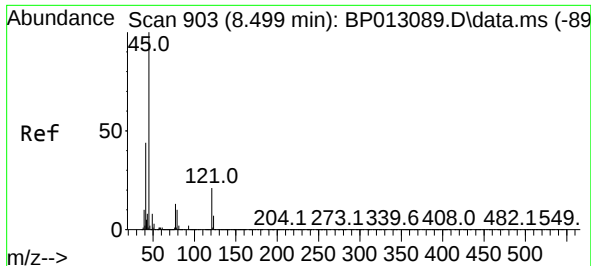
Tgt Ion:146 Resp: 1605919
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 42.2 32.6 49.0



#15
Benzyl Alcohol
Concen: 46.453 ng
RT: 8.164 min Scan# 846
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 79 Resp: 1229275
Ion Ratio Lower Upper
79 100
108 76.9 65.3 97.9
77 64.5 51.9 77.9

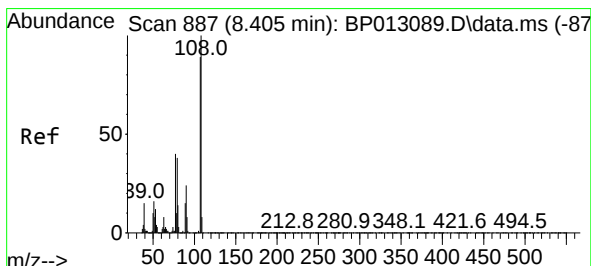
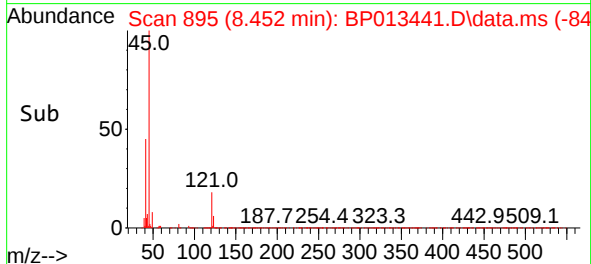
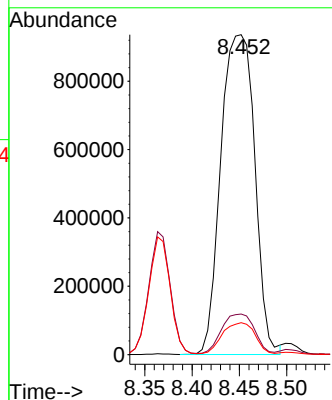
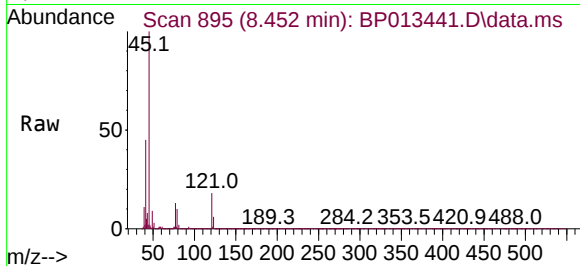




#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.921 ng
RT: 8.452 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

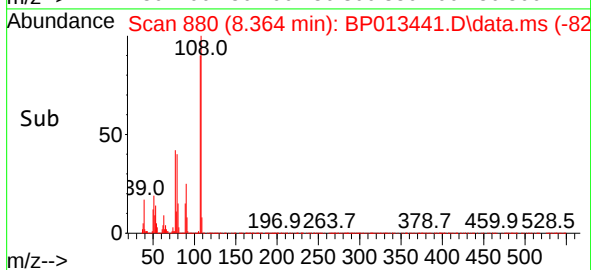
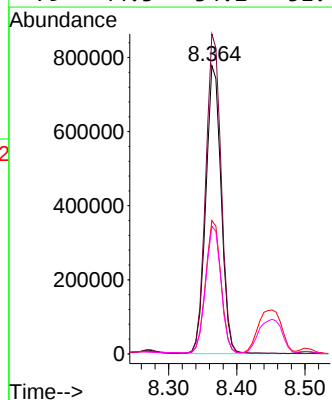
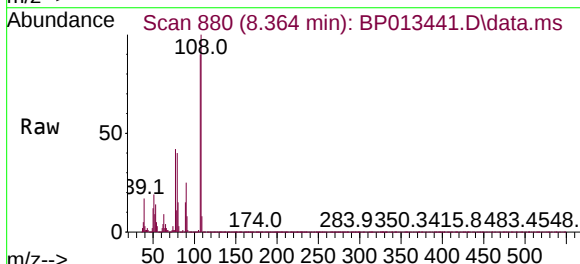
Instrument :
BNA_P
ClientSampleId :
PB150163BS

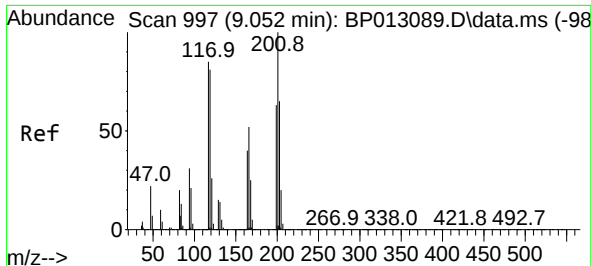
Tgt Ion: 45 Resp: 2329306
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.6
79 10.0 0.0 30.6



#17
2-Methylphenol
Concen: 44.780 ng
RT: 8.364 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 107 Resp: 1208605
Ion Ratio Lower Upper
107 100
108 111.0 89.6 134.4
77 46.3 35.5 53.3
79 44.3 34.2 51.4

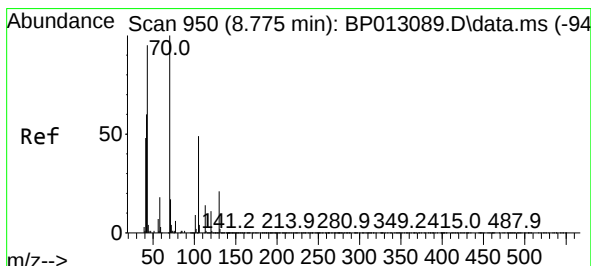
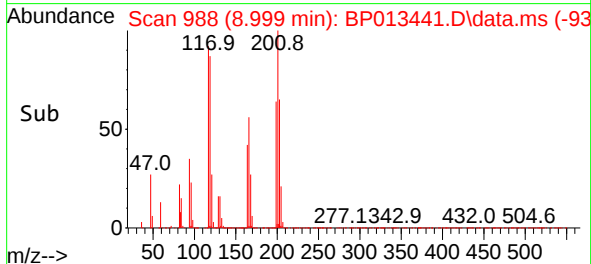
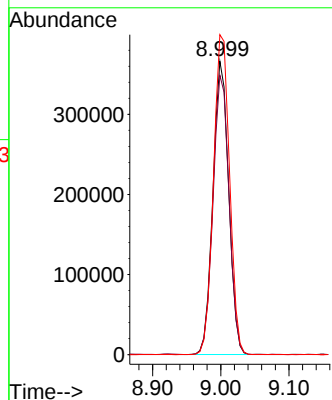
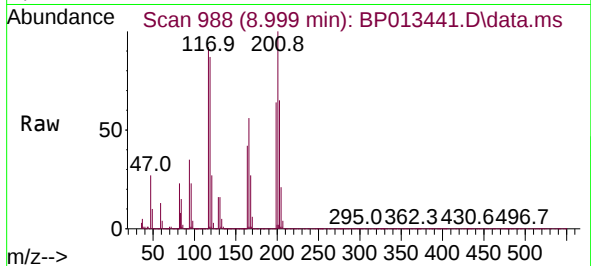




#18
Hexachloroethane
Concen: 44.412 ng
RT: 8.999 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

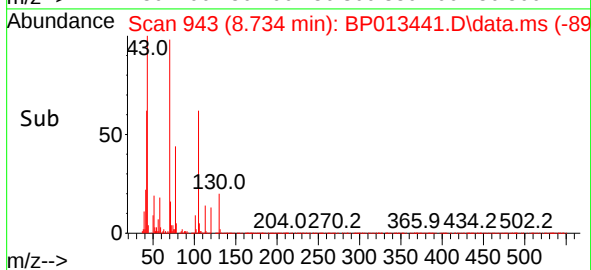
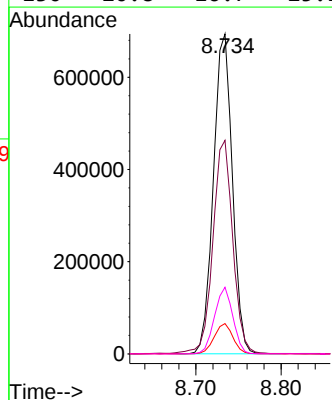
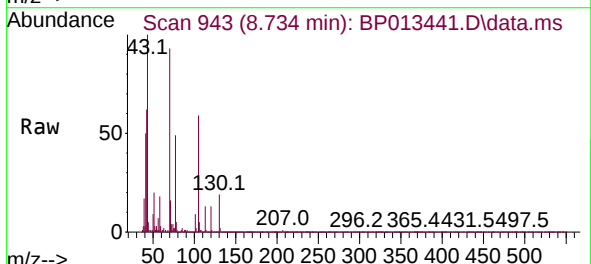
Instrument :
BNA_P
ClientSampleId :
PB150163BS

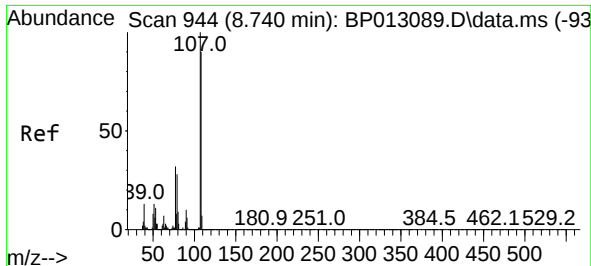
Tgt Ion:117 Resp: 586867
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
201 109.1 94.6 141.8



#19
n-Nitroso-di-n-propylamine
Concen: 45.164 ng
RT: 8.734 min Scan# 943
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 70 Resp: 1070038
Ion Ratio Lower Upper
70 100
42 66.7 48.5 72.7
101 9.5 7.4 11.2
130 20.8 16.7 25.1

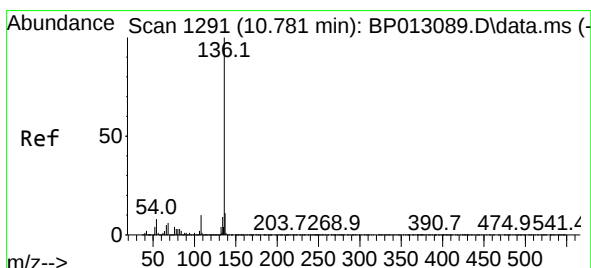
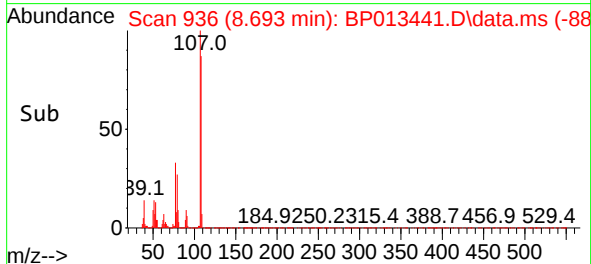
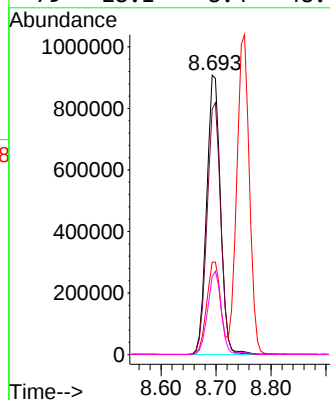
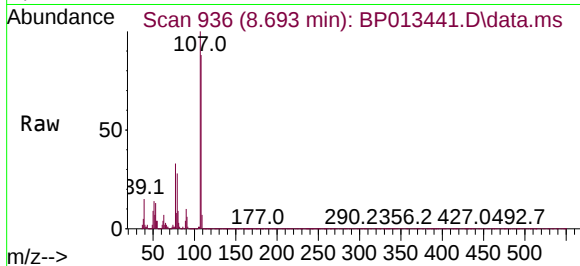




#20
3+4-Methylphenols
Concen: 43.335 ng
RT: 8.693 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

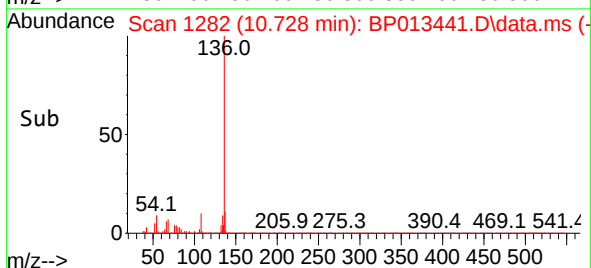
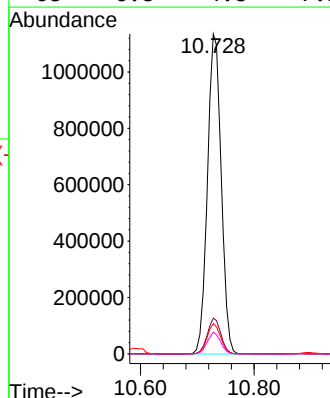
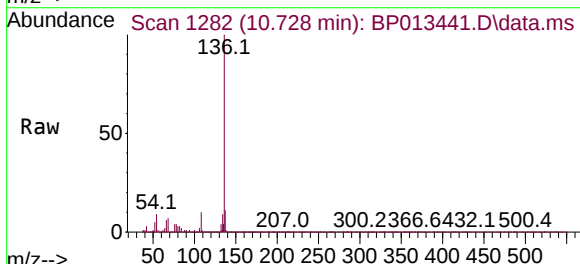
Instrument :
BNA_P
ClientSampleId :
PB150163BS

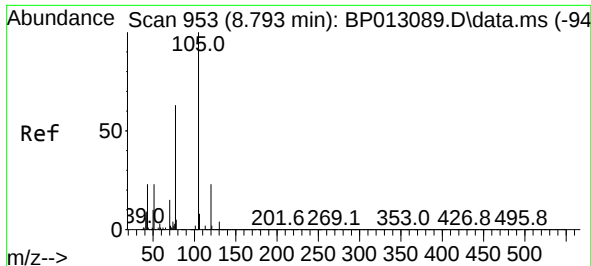
Tgt Ion:107 Resp: 1590094
Ion Ratio Lower Upper
107 100
108 87.9 70.5 110.5
77 33.1 12.2 52.2
79 28.1 8.4 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:136 Resp: 1909007
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.5 6.2 9.4#
68 6.8 4.8 7.2

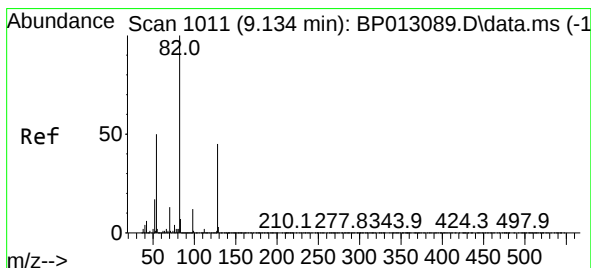
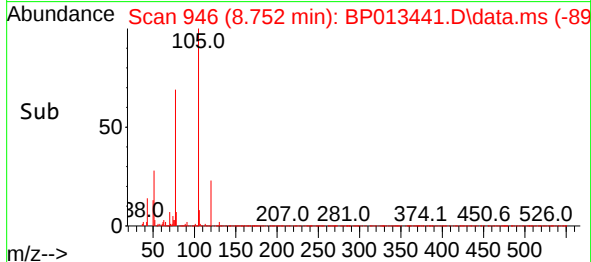
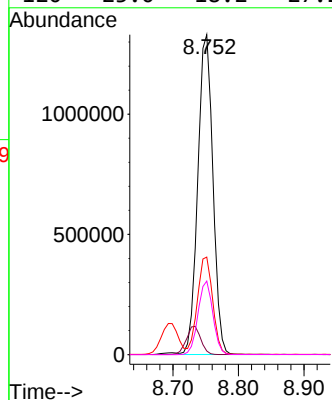
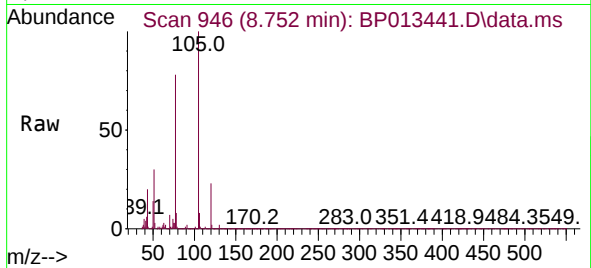




#22
Acetophenone
Concen: 44.618 ng
RT: 8.752 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

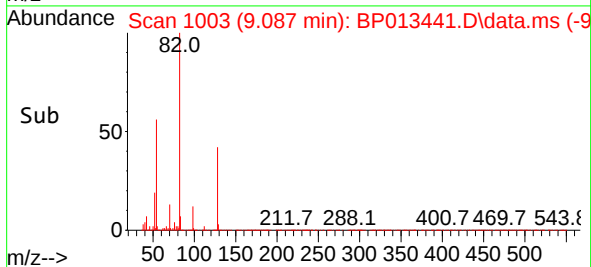
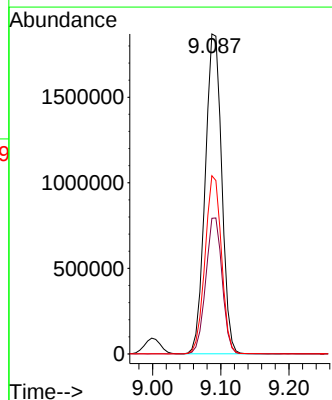
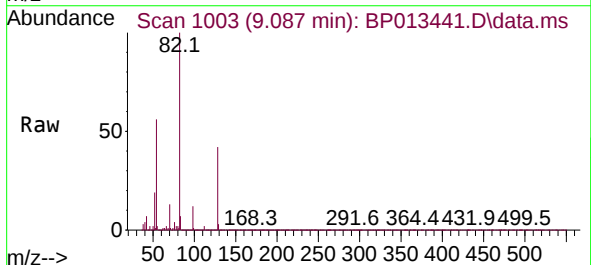
Instrument :
BNA_P
ClientSampleId :
PB150163BS

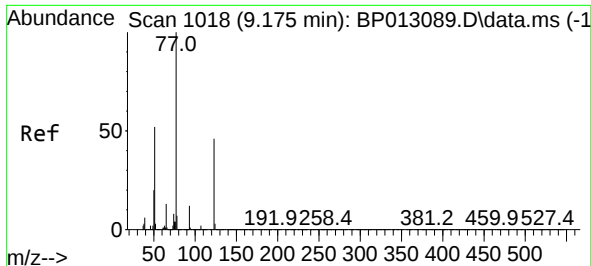
Tgt Ion:105 Resp: 2119524
Ion Ratio Lower Upper
105 100
71 1.1 2.2 3.4#
51 30.5 21.5 32.3
120 23.0 18.2 27.2



#23
Nitrobenzene-d5
Concen: 90.613 ng
RT: 9.087 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 82 Resp: 3155298
Ion Ratio Lower Upper
82 100
128 42.4 35.9 53.9
54 55.7 40.4 60.6

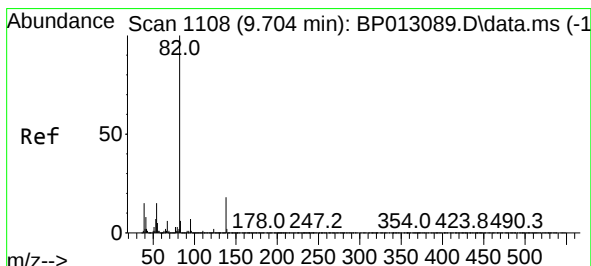
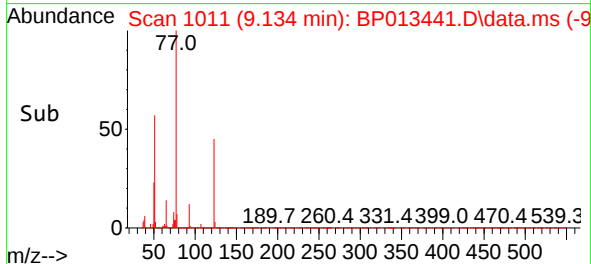
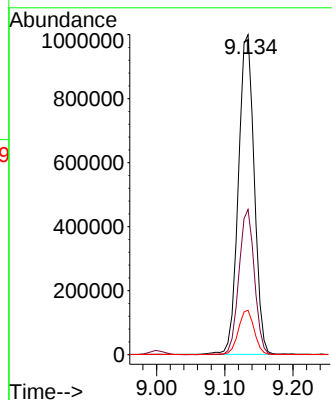
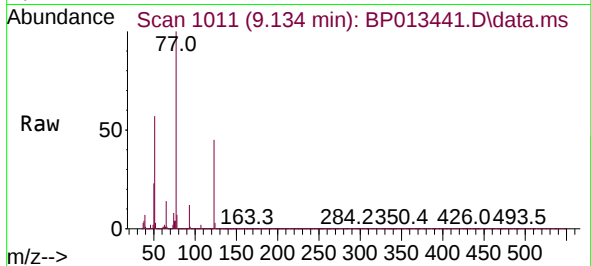




#24
Nitrobenzene
Concen: 44.465 ng
RT: 9.134 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

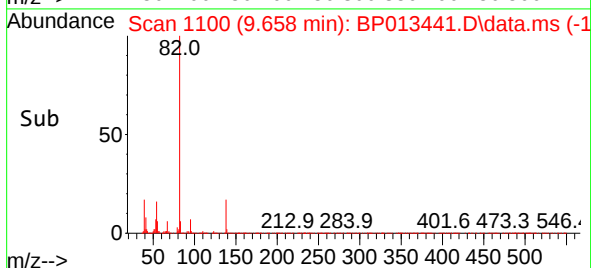
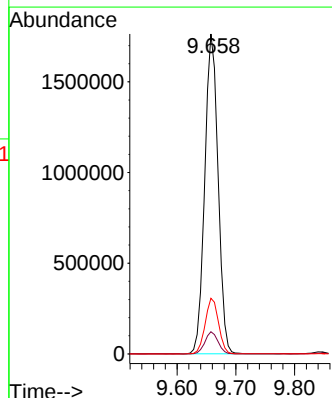
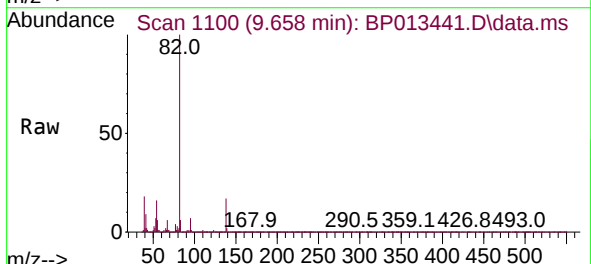
Instrument :
BNA_P
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PB150163BS

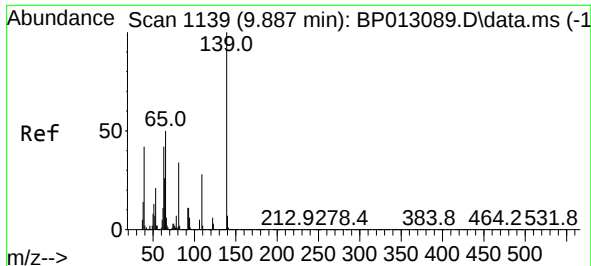
Tgt Ion: 77 Resp: 1613705
Ion Ratio Lower Upper
77 100
123 45.4 37.0 55.4
65 13.9 10.7 16.1



#25
Isophorone
Concen: 47.034 ng
RT: 9.658 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 82 Resp: 2781659
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.4 14.5 21.7

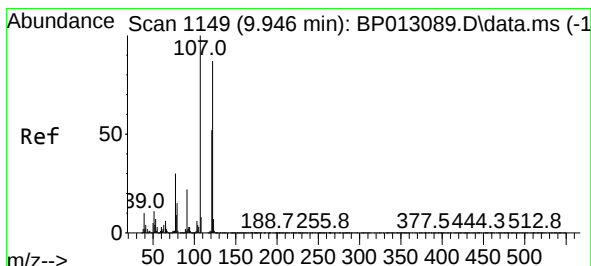
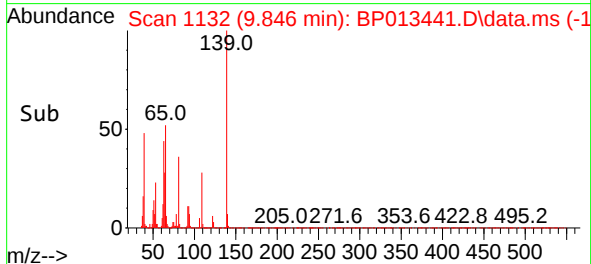
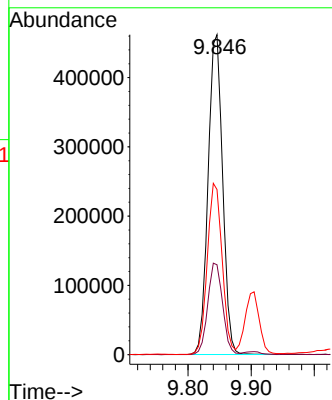
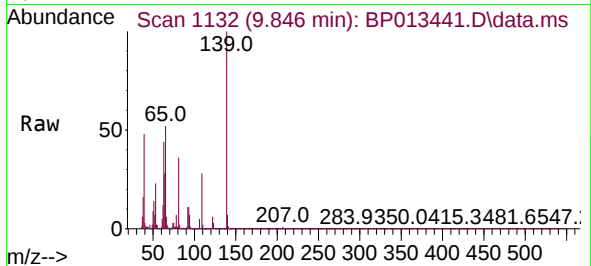




#26
2-Nitrophenol
Concen: 40.519 ng
RT: 9.846 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

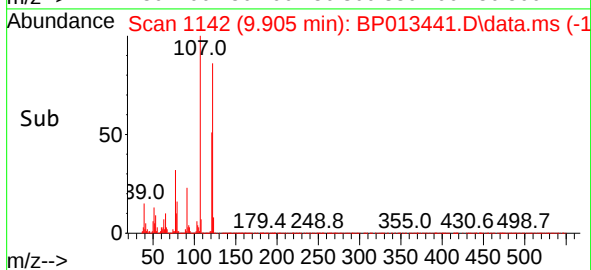
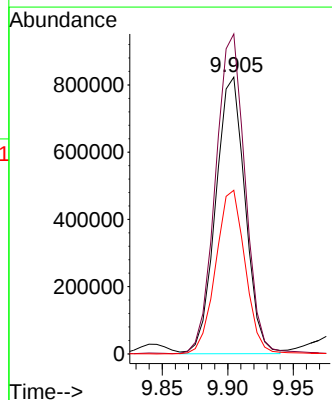
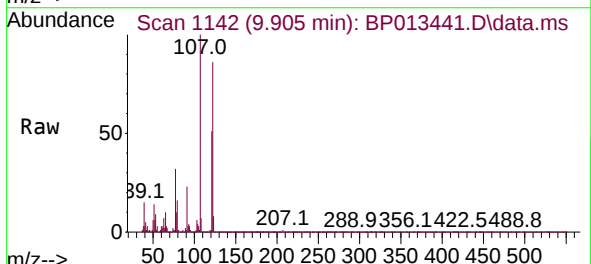
Instrument :
BNA_P
ClientSampleId :
PB150163BS

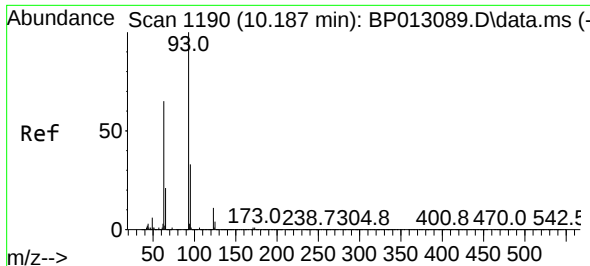
Tgt Ion:139 Resp: 738890
Ion Ratio Lower Upper
139 100
109 28.1 22.5 33.7
65 51.6 39.9 59.9



#27
2,4-Dimethylphenol
Concen: 51.319 ng
RT: 9.905 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:122 Resp: 1284257
Ion Ratio Lower Upper
122 100
107 115.6 91.1 136.7
121 59.1 47.0 70.4

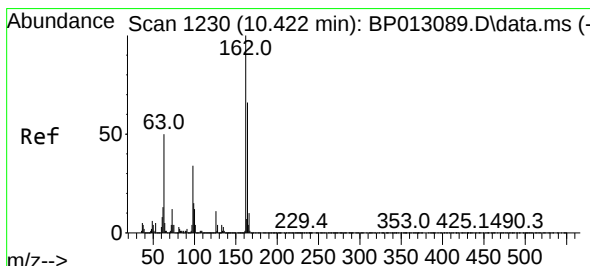
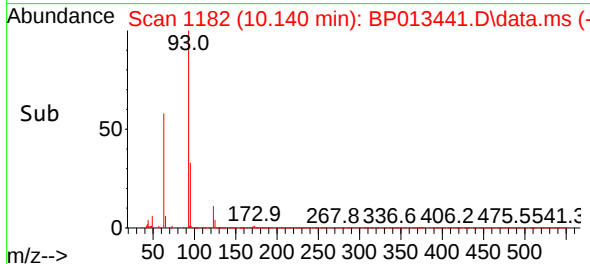
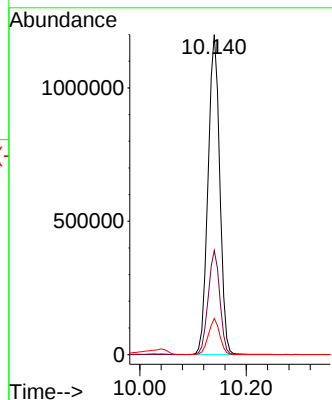
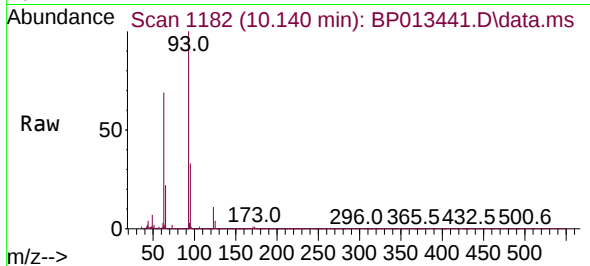




#28
bis(2-Chloroethoxy)methane
Concen: 48.190 ng
RT: 10.140 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

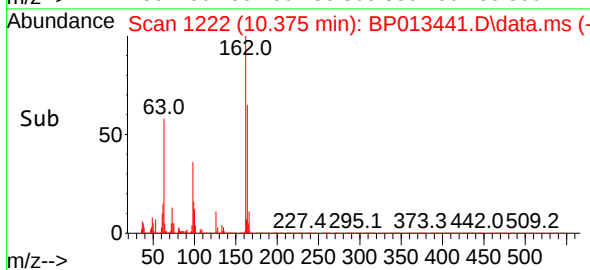
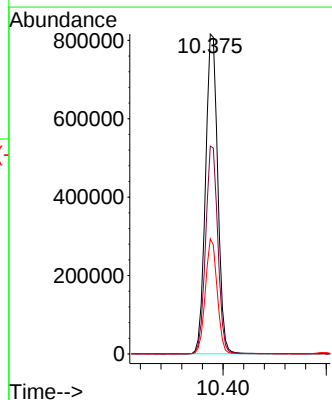
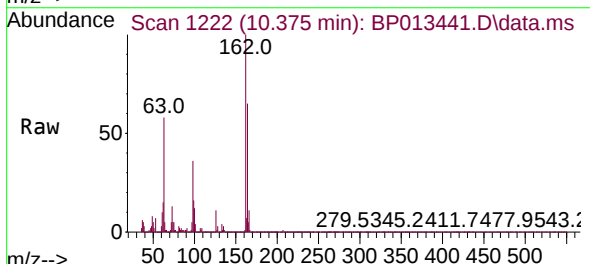
Instrument :
BNA_P
ClientSampleId :
PB150163BS

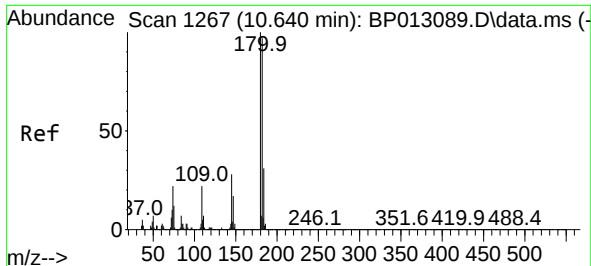
Tgt Ion: 93 Resp: 1827539
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 11.3 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 43.437 ng
RT: 10.375 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:162 Resp: 1341540
Ion Ratio Lower Upper
162 100
164 64.9 45.8 85.8
98 36.0 13.8 53.8

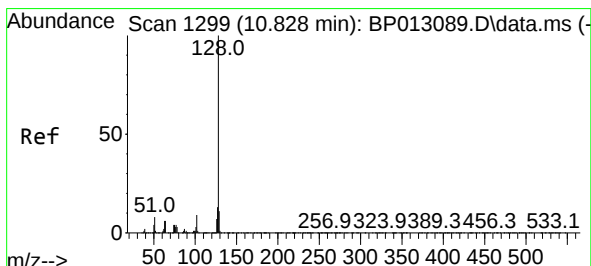
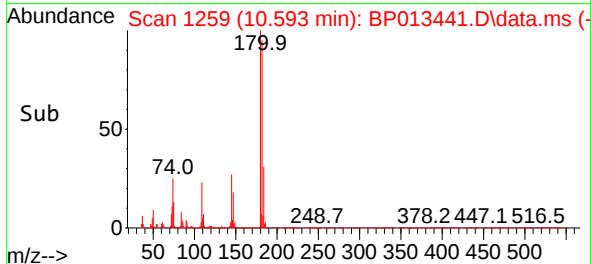
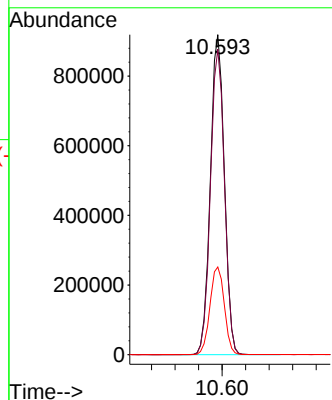
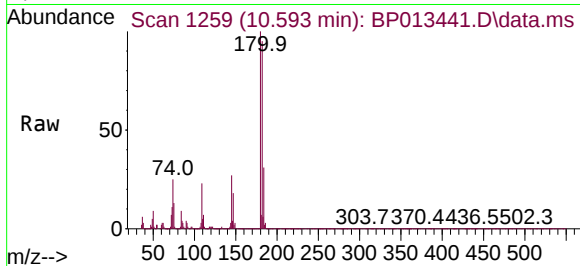




#30
1,2,4-Trichlorobenzene
Concen: 41.630 ng
RT: 10.593 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

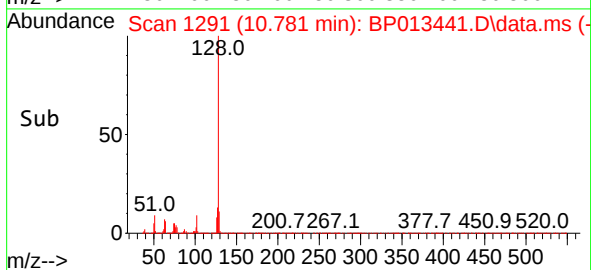
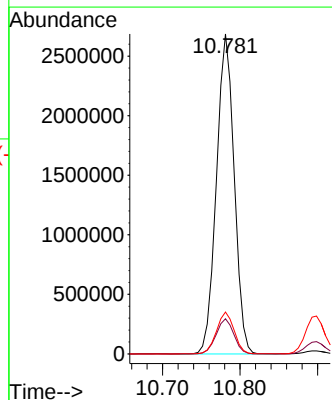
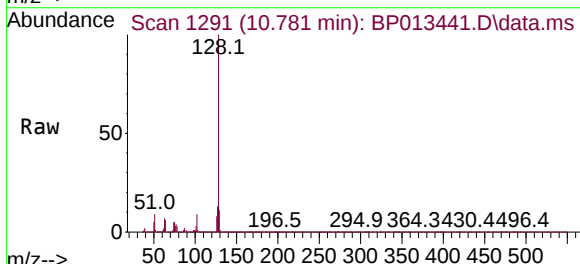
Instrument :
BNA_P
ClientSampleId :
PB150163BS

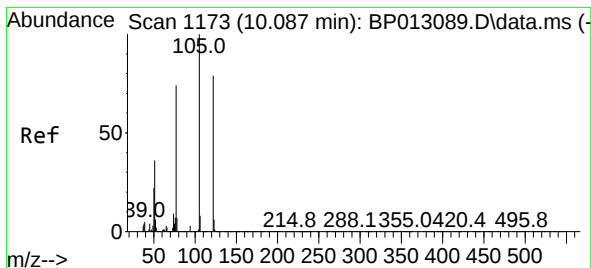
Tgt Ion:180 Resp: 1517541
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.6
145 27.4 22.6 33.8



#31
Naphthalene
Concen: 40.918 ng
RT: 10.781 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:128 Resp: 4277088
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.4 15.6





#32

Benzoic acid

Concen: 40.070 ng

RT: 10.040 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

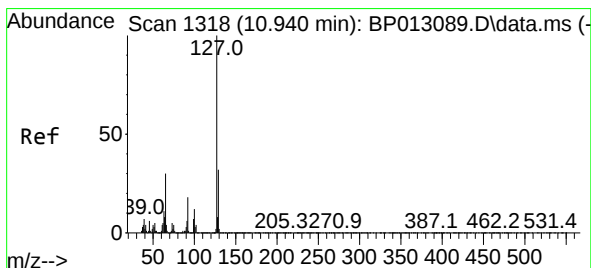
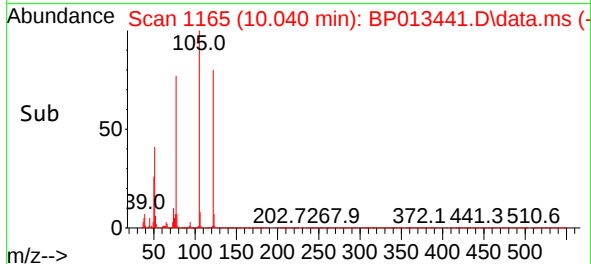
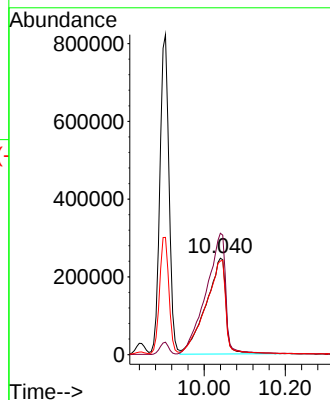
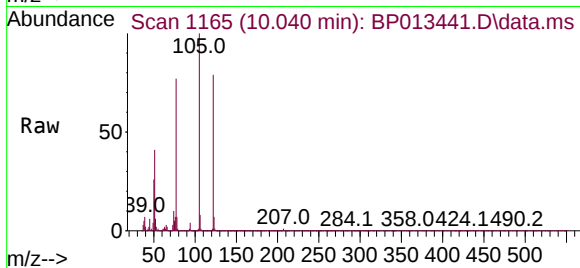
Tgt Ion:122 Resp: 845155

Ion Ratio Lower Upper

122 100

105 125.9 101.9 141.9

77 97.0 71.7 111.7



#33

4-Chloroaniline

Concen: 14.772 ng

RT: 10.899 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Tgt Ion:127 Resp: 575859

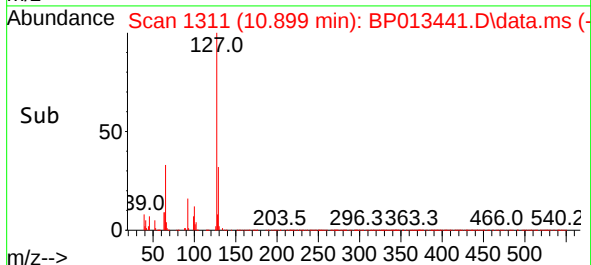
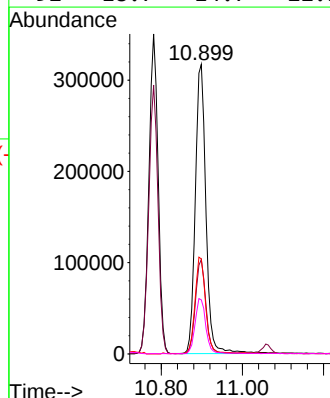
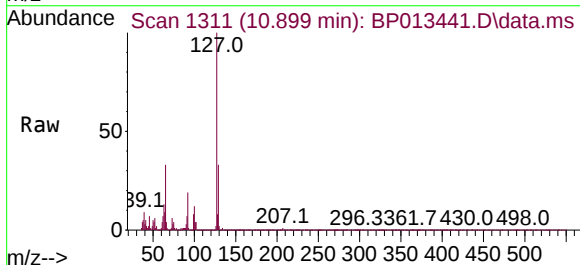
Ion Ratio Lower Upper

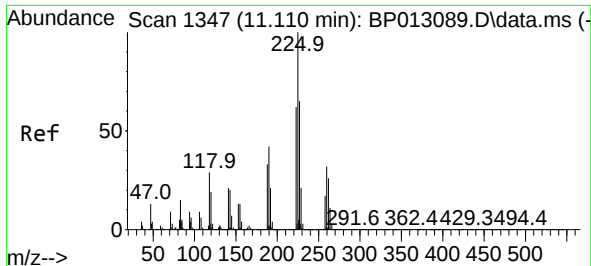
127 100

129 32.6 25.5 38.3

65 32.8 23.8 35.8

92 18.7 14.7 22.1

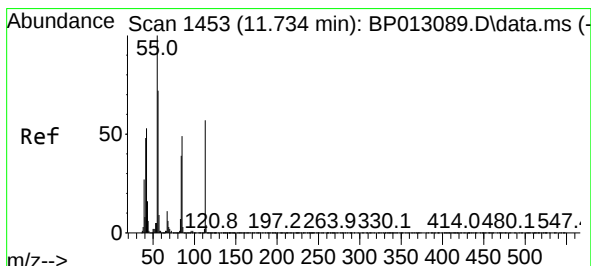
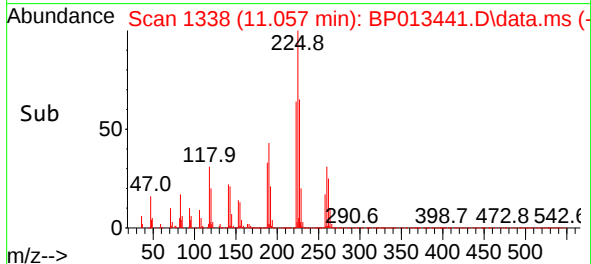
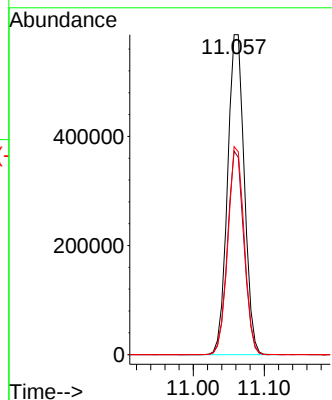
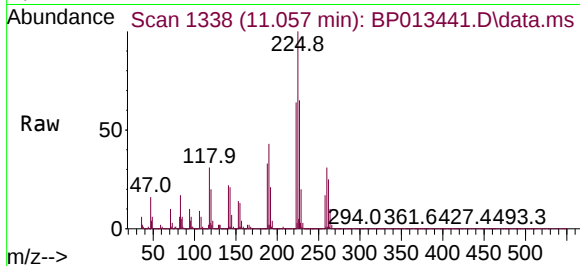




#34
Hexachlorobutadiene
Concen: 41.304 ng
RT: 11.057 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

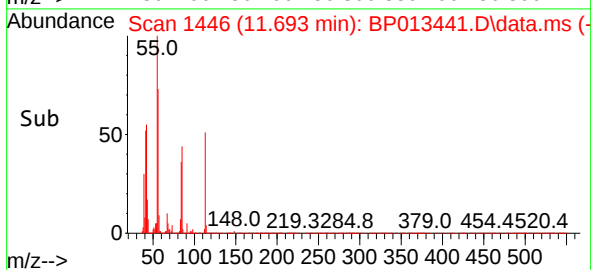
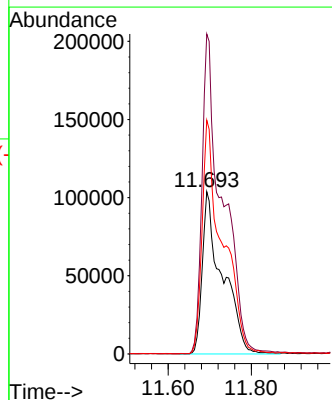
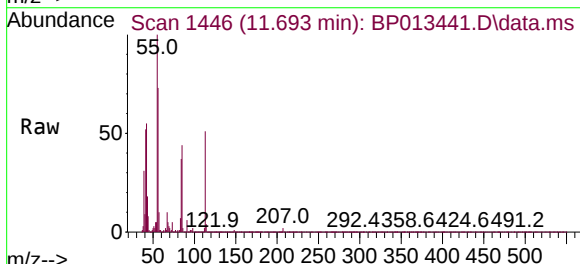
Instrument :
BNA_P
ClientSampleId :
PB150163BS

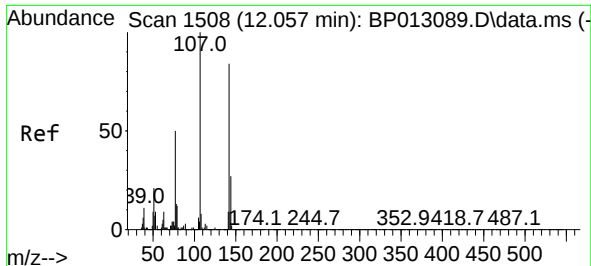
Tgt Ion:225 Resp: 960492
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.0
227 65.0 52.0 78.0



#35
Caprolactam
Concen: 43.414 ng
RT: 11.693 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:113 Resp: 346191
Ion Ratio Lower Upper
113 100
55 197.3 155.5 195.5#
56 144.1 106.7 146.7

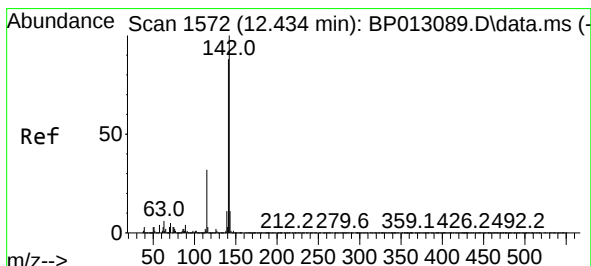
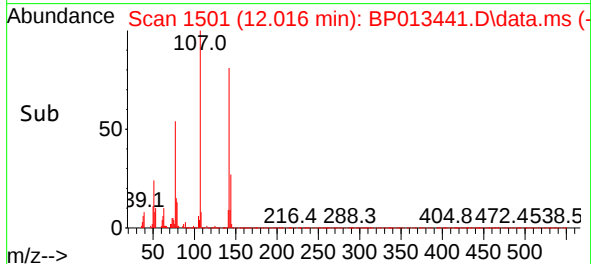
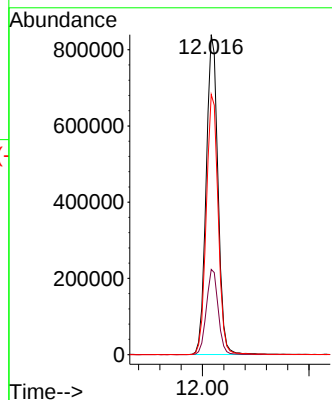
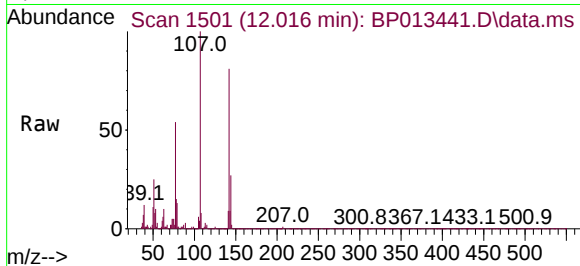




#36
4-Chloro-3-methylphenol
Concen: 44.608 ng
RT: 12.016 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

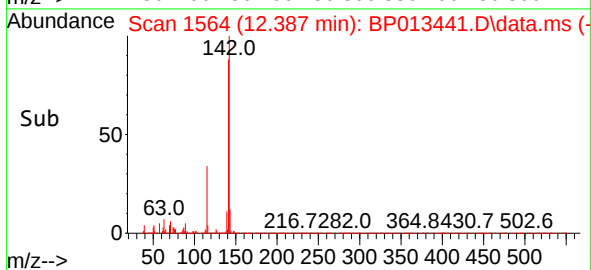
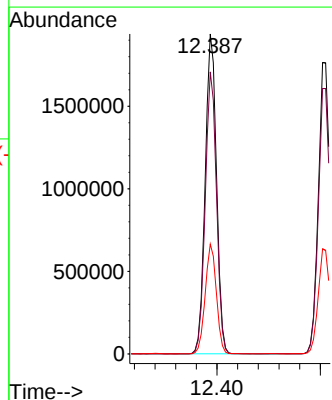
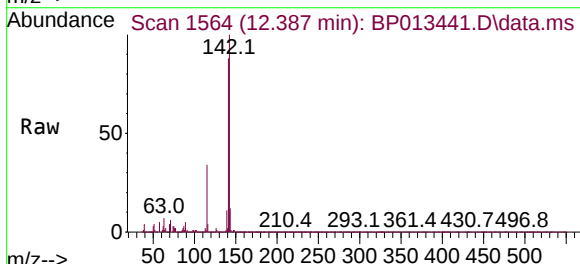
Instrument :
BNA_P
ClientSampleId :
PB150163BS

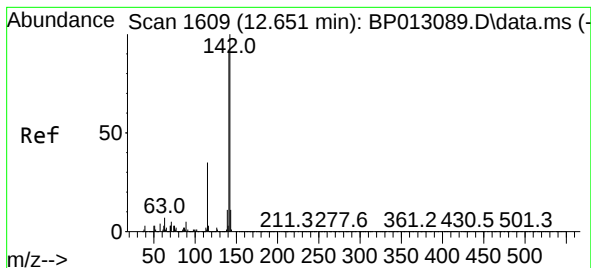
Tgt Ion:107 Resp: 1286826
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 81.3 67.2 100.8



#37
2-Methylnaphthalene
Concen: 41.786 ng
RT: 12.387 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:142 Resp: 2937421
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 34.3 25.7 38.5





#38

1-Methylnaphthalene

Concen: 40.059 ng

RT: 12.604 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

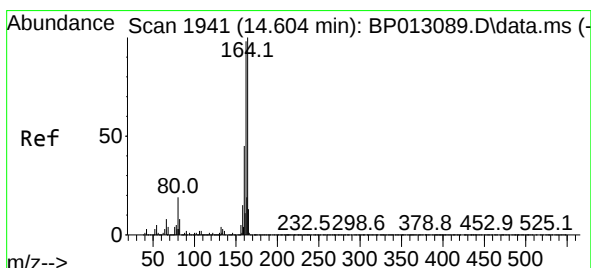
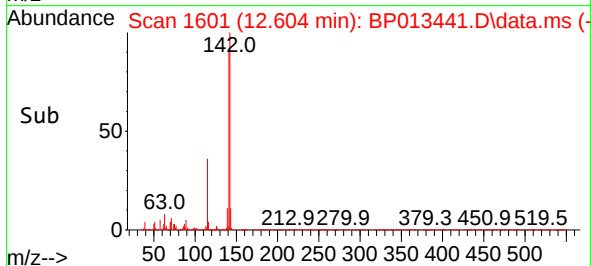
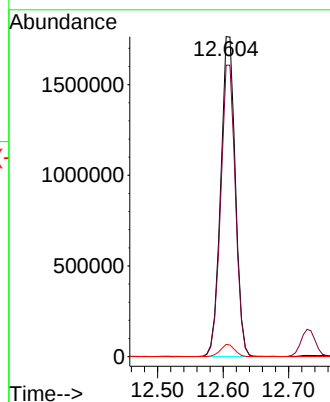
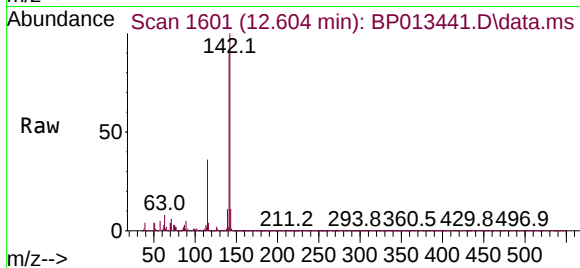
Tgt Ion:142 Resp: 2742297

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4

116 3.8 2.8 4.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

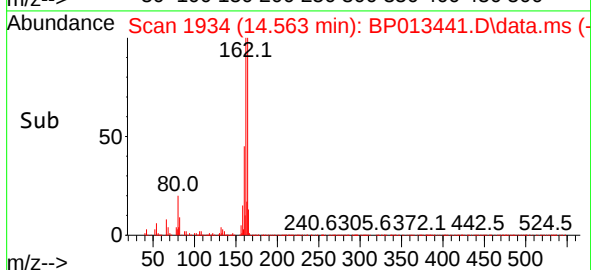
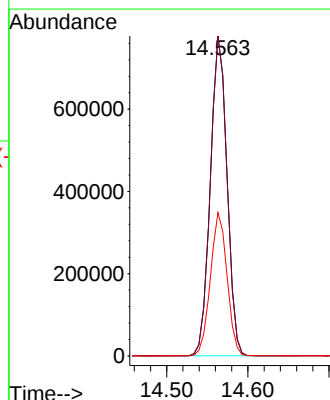
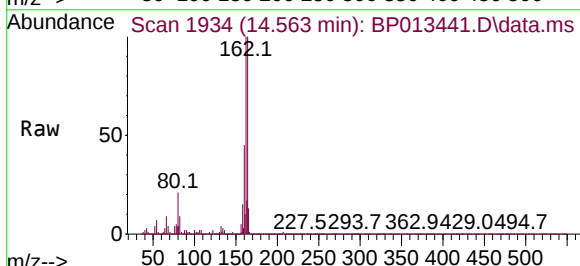
Tgt Ion:164 Resp: 1111360

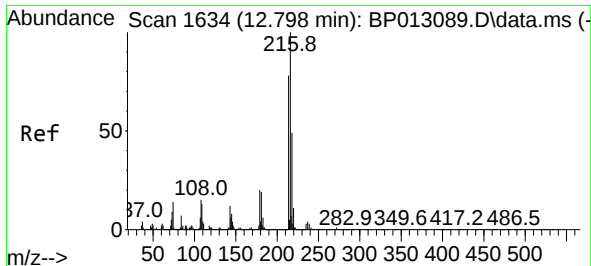
Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

160 44.8 36.0 54.0

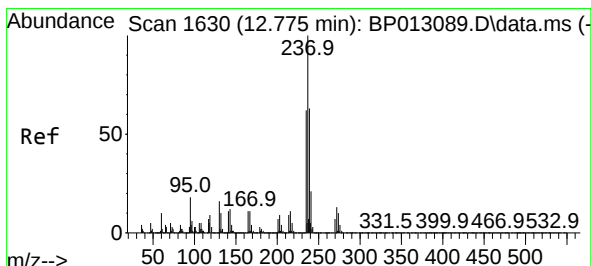
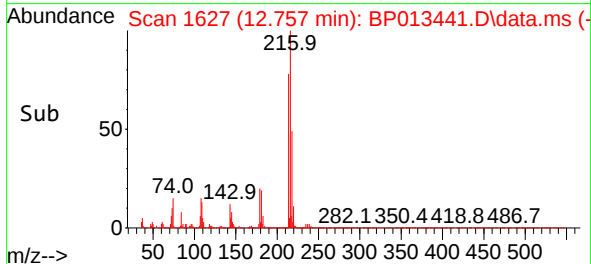
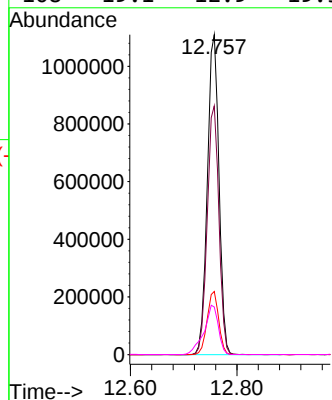
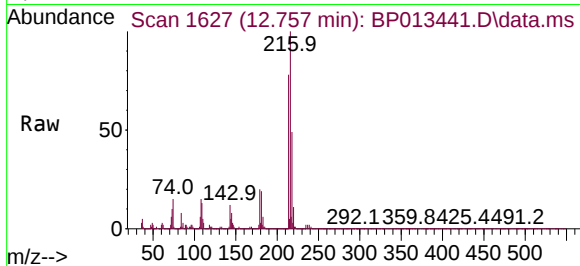




#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.254 ng
RT: 12.757 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

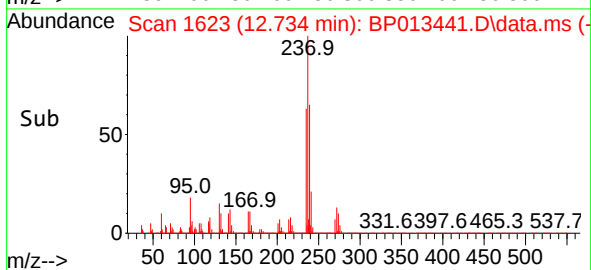
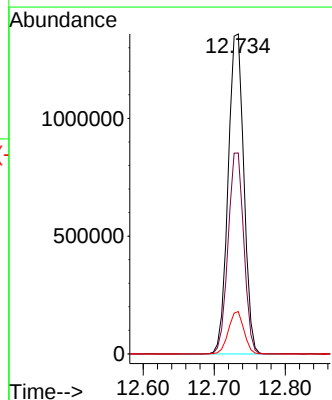
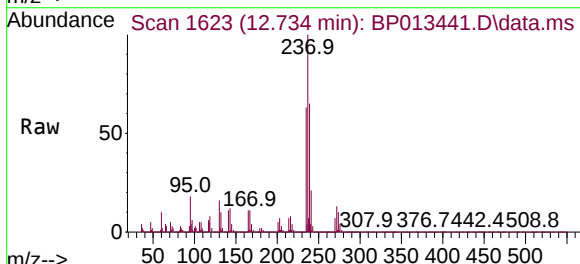
Instrument :
BNA_P
ClientSampleId :
PB150163BS

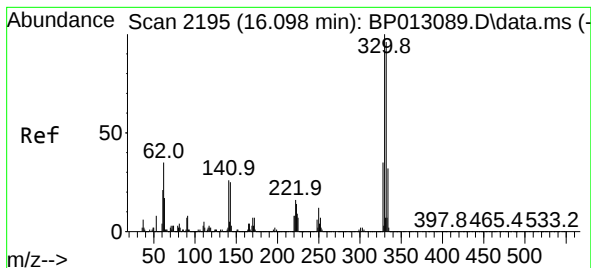
Tgt Ion:216 Resp: 1675276
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 19.7 15.7 23.5
108 19.1 12.9 19.3



#41
Hexachlorocyclopentadiene
Concen: 104.517 ng
RT: 12.734 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:237 Resp: 2089448
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.2 0.0 32.7





#42

2,4,6-Tribromophenol

Concen: 142.447 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

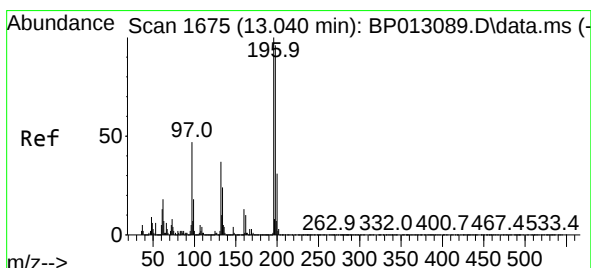
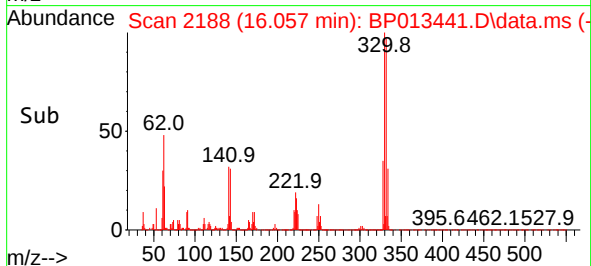
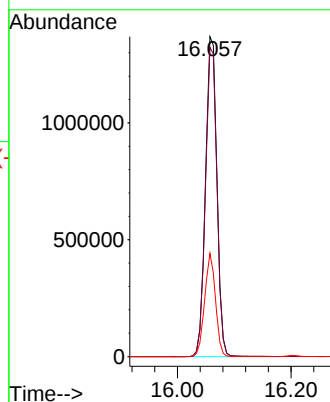
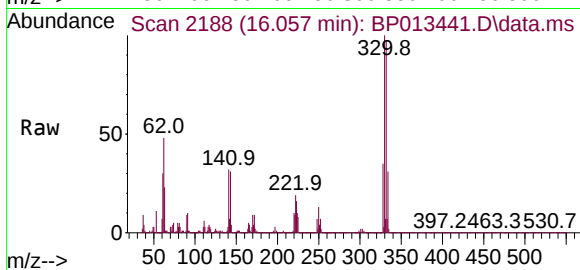
Tgt Ion:330 Resp: 1908714

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 30.6 23.2 34.8



#43

2,4,6-Trichlorophenol

Concen: 42.604 ng

RT: 12.999 min Scan# 1668

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

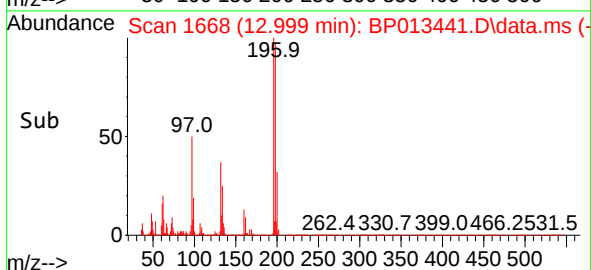
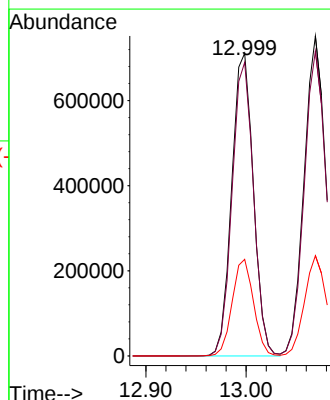
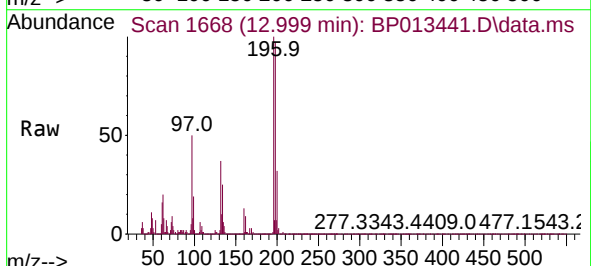
Tgt Ion:196 Resp: 1065175

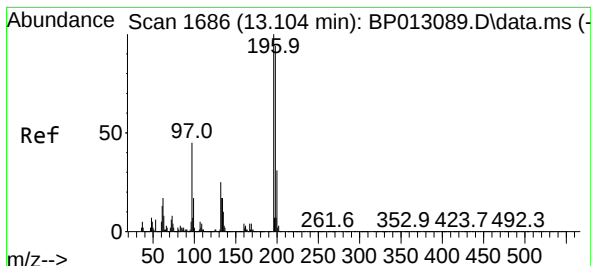
Ion Ratio Lower Upper

196 100

198 97.0 76.9 115.3

200 31.9 25.0 37.4





#44

2,4,5-Trichlorophenol

Concen: 42.557 ng

RT: 13.069 min Scan# 1686

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

Tgt Ion:196 Resp: 1149554

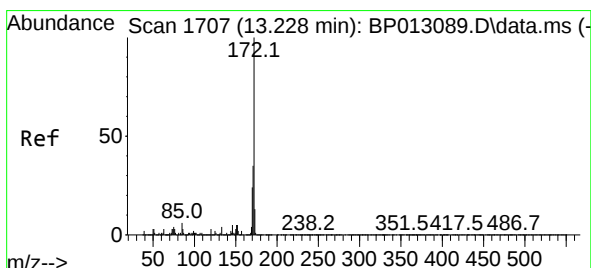
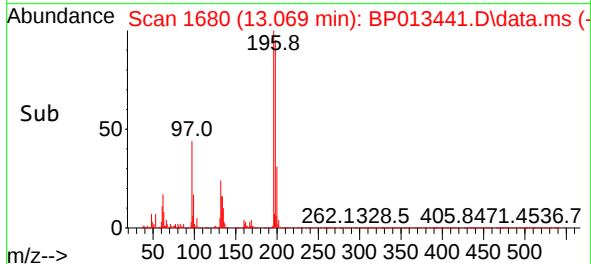
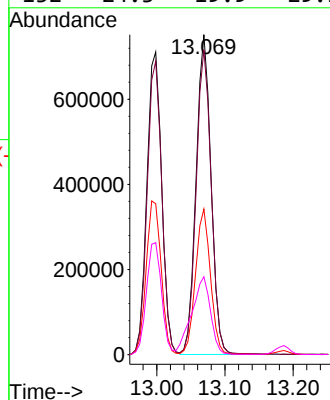
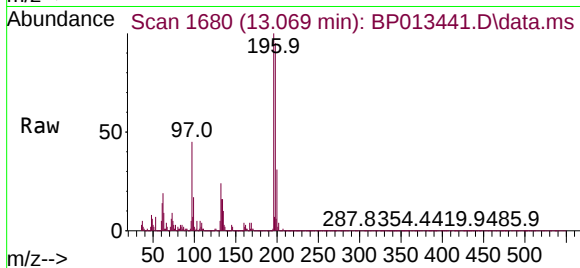
Ion Ratio Lower Upper

196 100

198 95.3 75.3 112.9

97 45.5 36.1 54.1

132 24.3 19.9 29.9



#45

2-Fluorobiphenyl

Concen: 85.239 ng

RT: 13.187 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

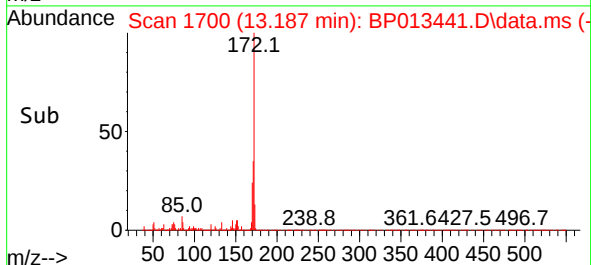
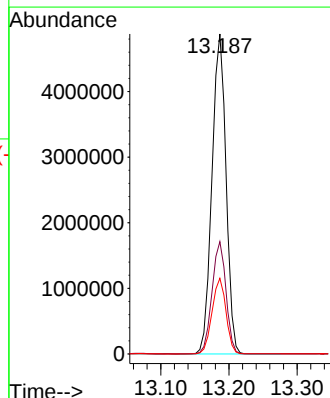
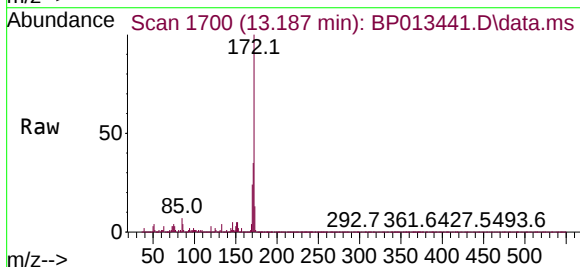
Tgt Ion:172 Resp: 6976912

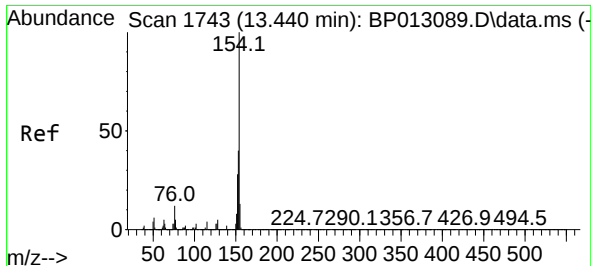
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.2 28.8

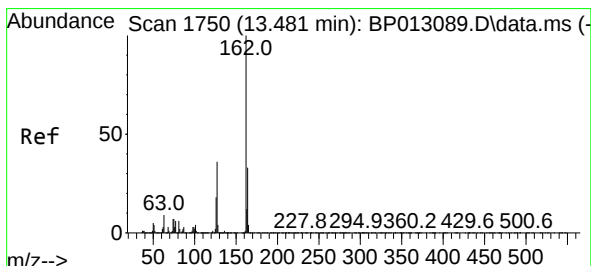
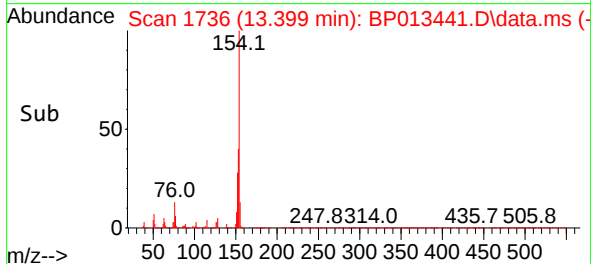
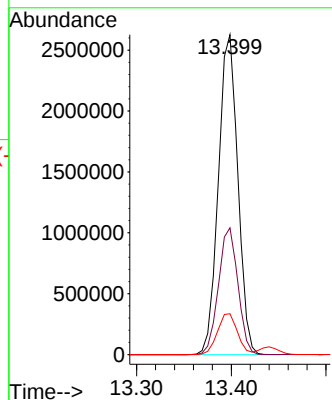
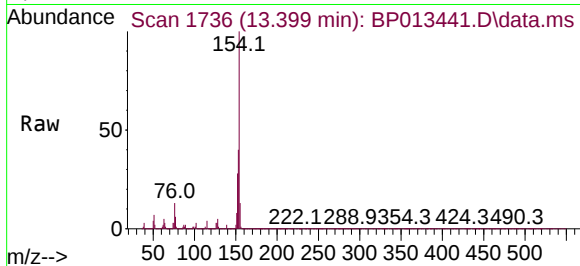




#46
1,1'-Biphenyl
Concen: 42.519 ng
RT: 13.399 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

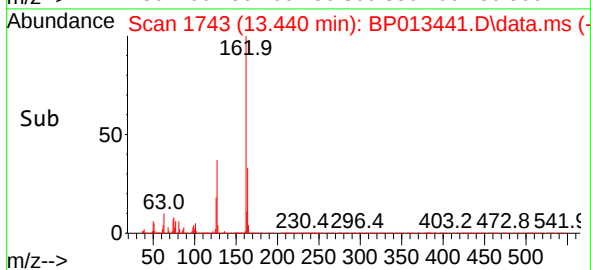
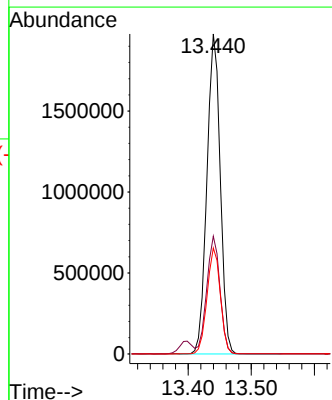
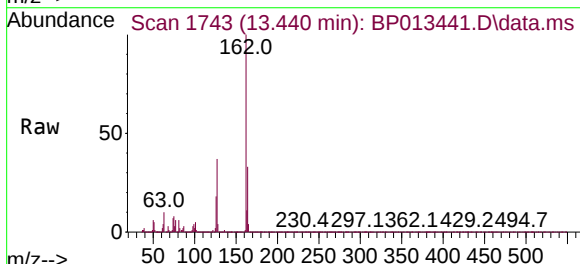
Instrument :
BNA_P
ClientSampleId :
PB150163BS

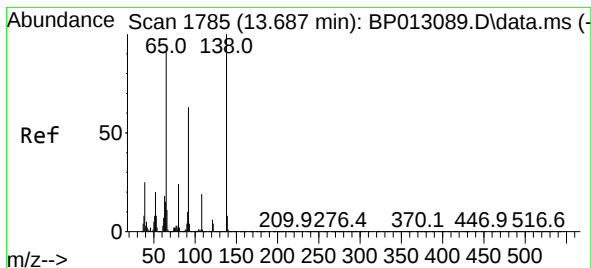
Tgt Ion:154 Resp: 3736319
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 12.8 0.0 32.2



#47
2-Chloronaphthalene
Concen: 41.396 ng
RT: 13.440 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:162 Resp: 2891163
Ion Ratio Lower Upper
162 100
127 36.8 29.0 43.6
164 33.1 26.7 40.1

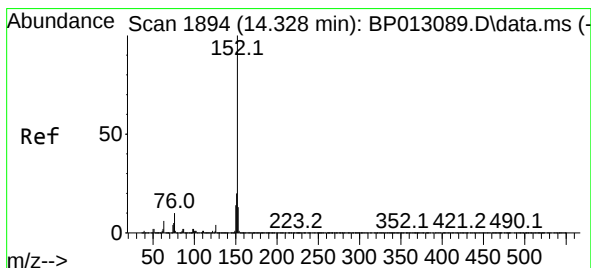
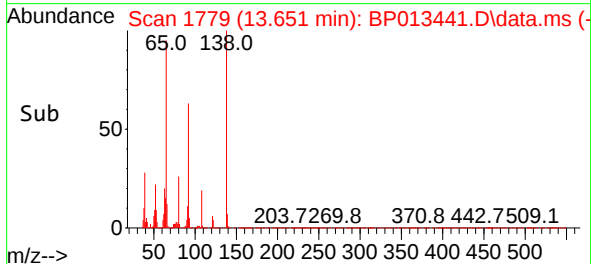
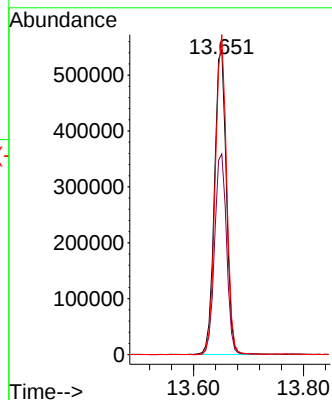
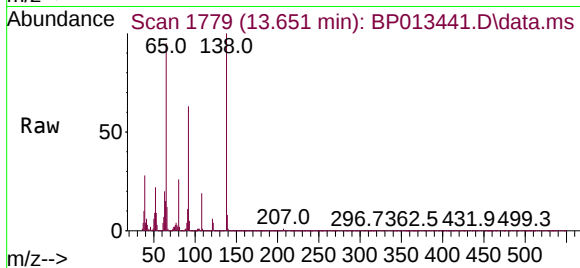




#48
2-Nitroaniline
Concen: 43.657 ng
RT: 13.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

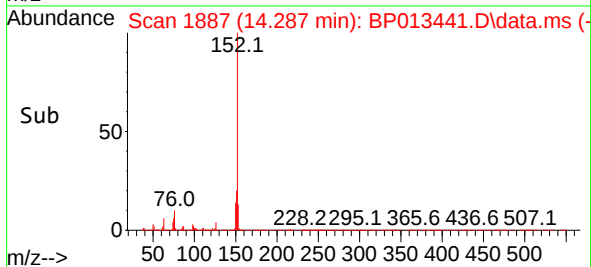
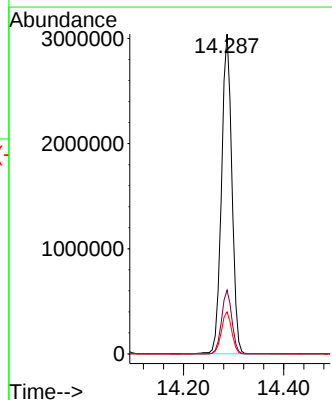
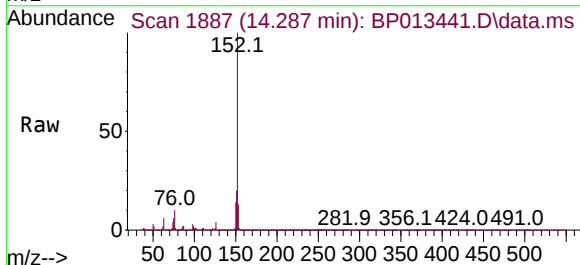
Instrument :
BNA_P
ClientSampleId :
PB150163BS

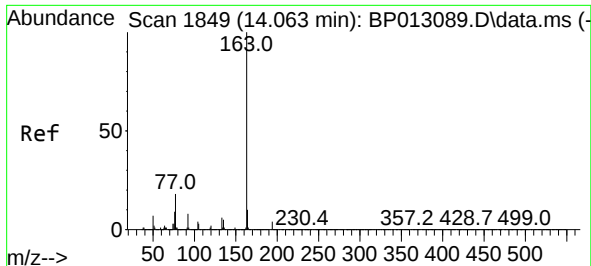
Tgt Ion: 65 Resp: 818670
Ion Ratio Lower Upper
65 100
92 66.0 55.4 83.2
138 105.2 88.1 132.1



#49
Acenaphthylene
Concen: 42.402 ng
RT: 14.287 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 152 Resp: 4356224
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.7 16.1

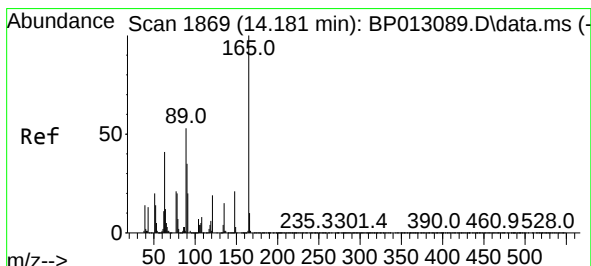
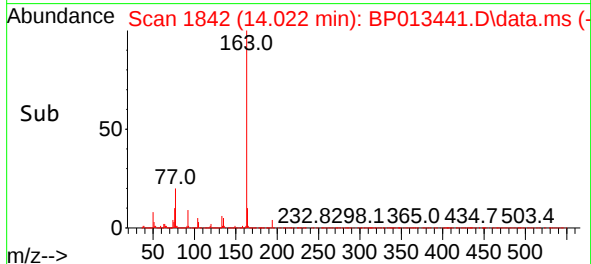
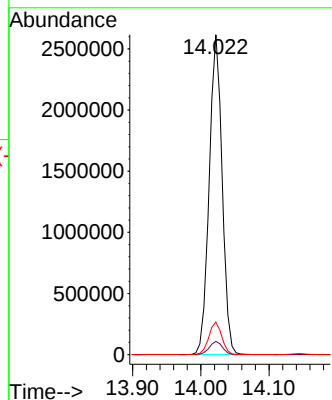
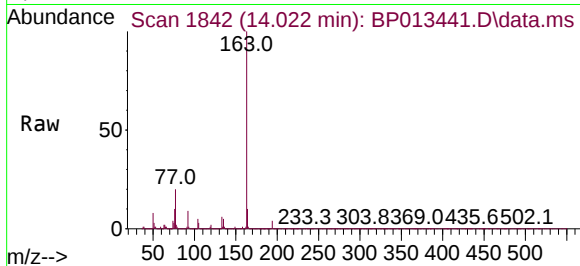




#50
Dimethylphthalate
Concen: 42.438 ng
RT: 14.022 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

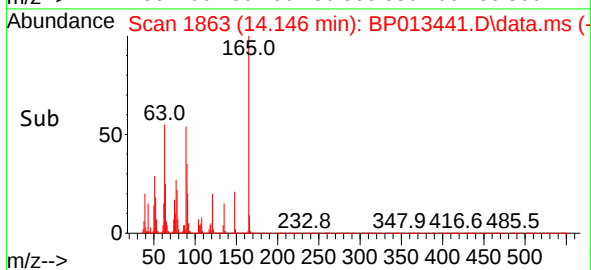
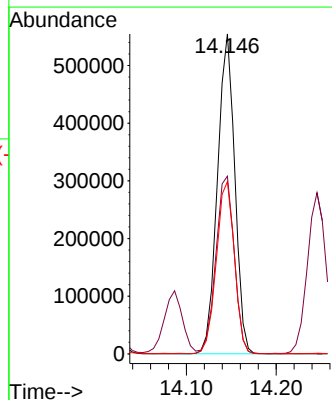
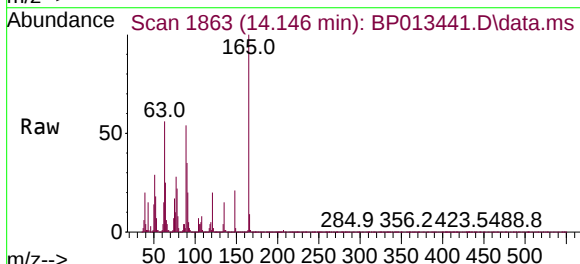
Instrument :
BNA_P
ClientSampleId :
PB150163BS

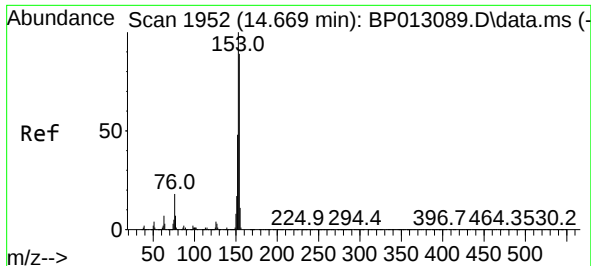
Tgt Ion:163 Resp: 3449780
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 44.793 ng
RT: 14.146 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:165 Resp: 745115
Ion Ratio Lower Upper
165 100
63 55.5 41.8 62.8
89 53.8 42.4 63.6

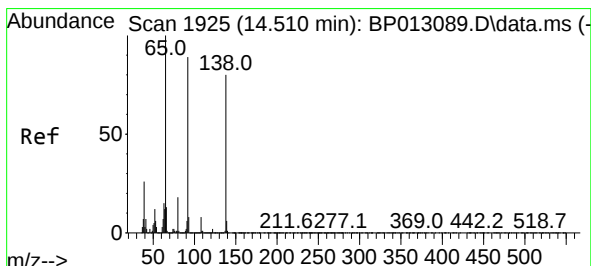
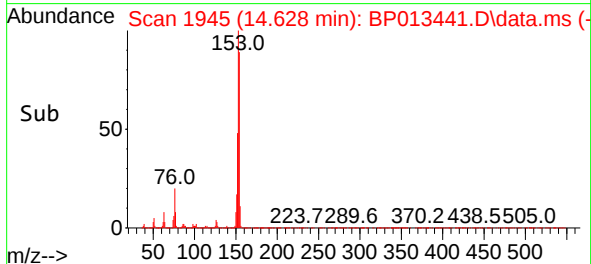
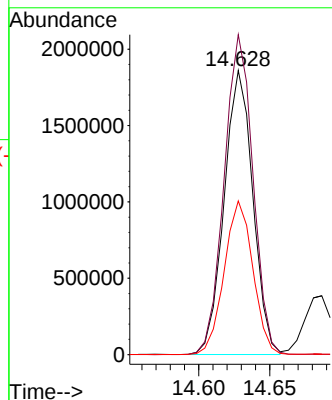
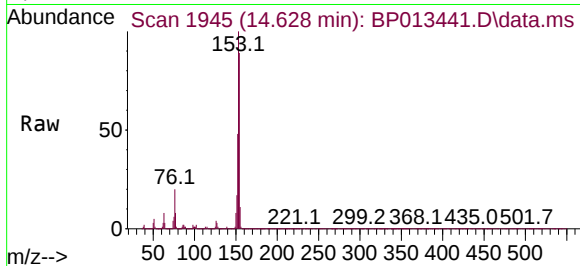




#52
Acenaphthene
Concen: 40.986 ng
RT: 14.628 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

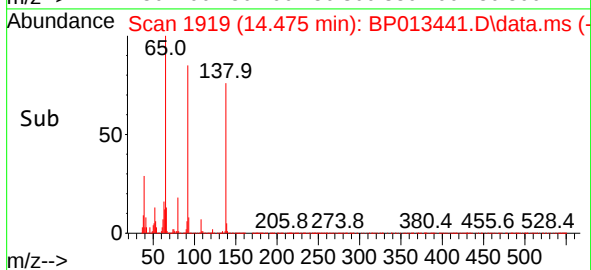
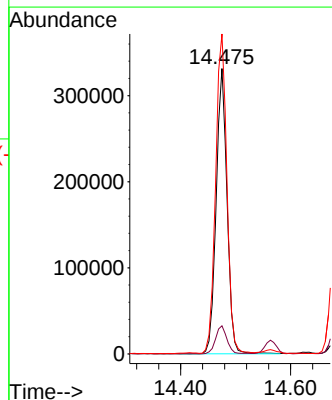
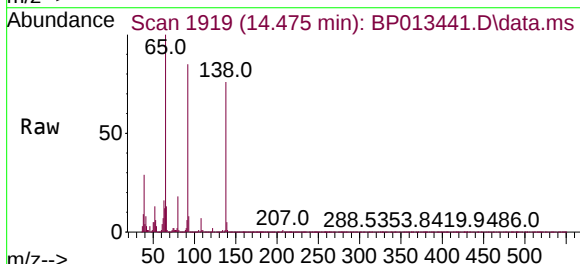
Instrument :
BNA_P
ClientSampleId :
PB150163BS

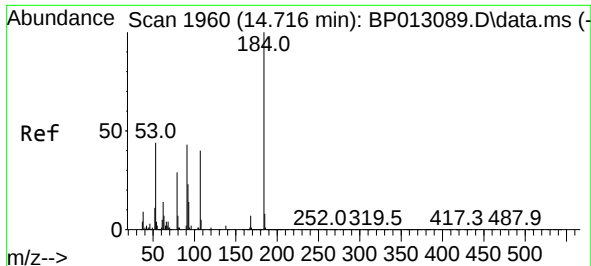
Tgt Ion:154 Resp: 2617731
Ion Ratio Lower Upper
154 100
153 112.7 90.0 135.0
152 54.1 43.0 64.6



#53
3-Nitroaniline
Concen: 25.465 ng
RT: 14.475 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:138 Resp: 454333
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 112.1 89.2 133.8

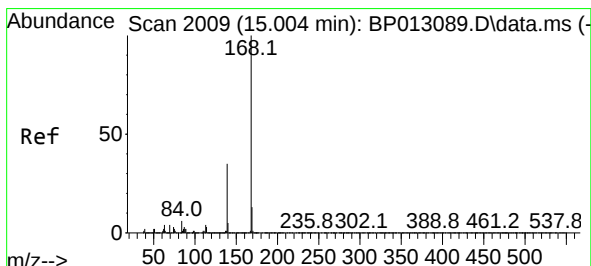
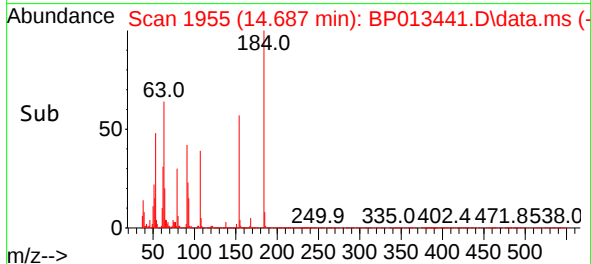
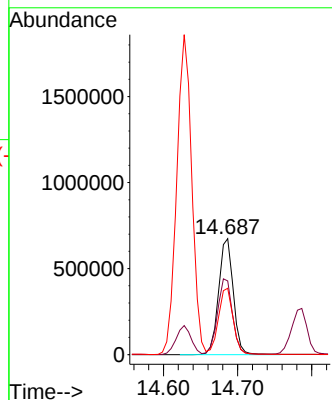
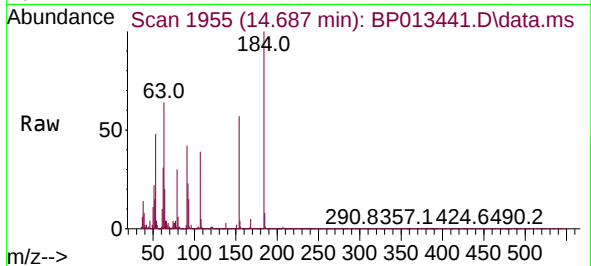




#54
2,4-Dinitrophenol
Concen: 83.715 ng
RT: 14.687 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

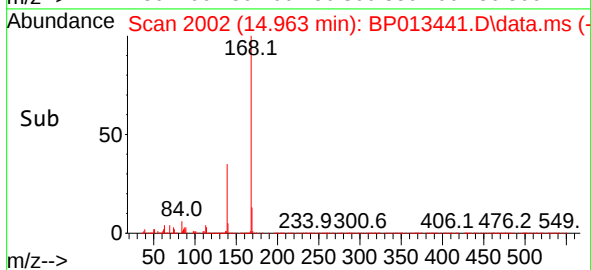
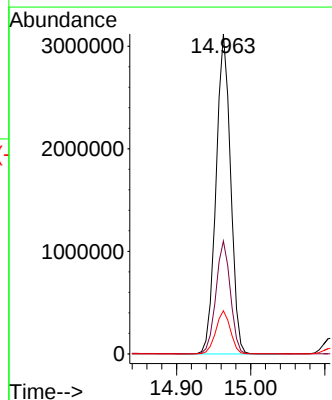
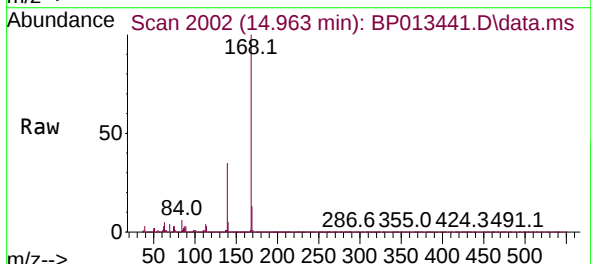
Instrument :
BNA_P
ClientSampleId :
PB150163BS

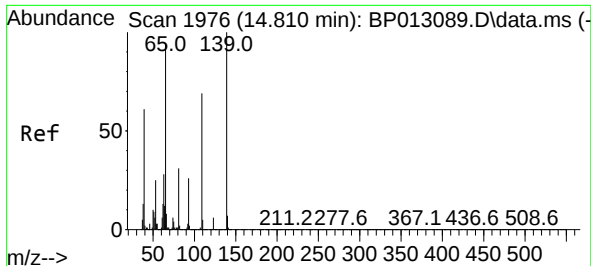
Tgt Ion:184 Resp: 924864
Ion Ratio Lower Upper
184 100
63 63.6 47.6 71.4
154 57.2 45.5 68.3



#55
Dibenzofuran
Concen: 41.515 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:168 Resp: 4243227
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8
169 13.5 10.7 16.1

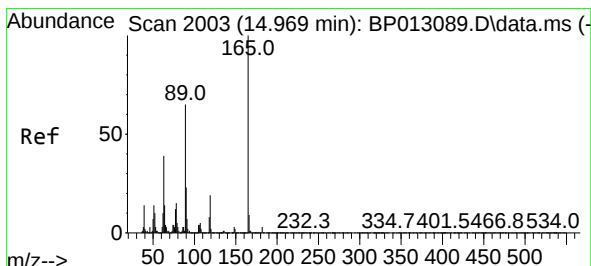
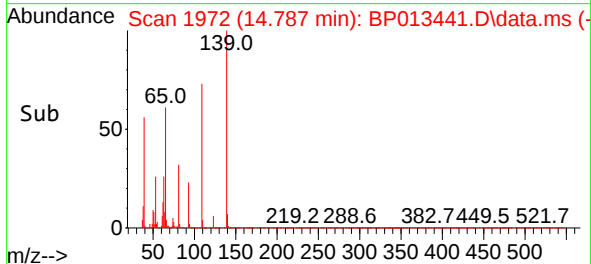
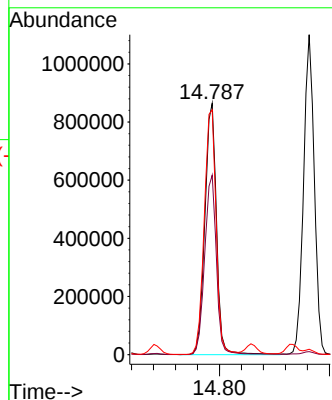
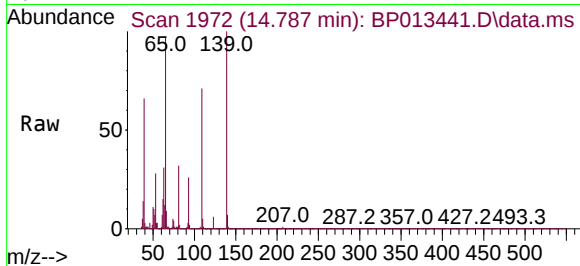




#56
4-Nitrophenol
Concen: 90.768 ng
RT: 14.787 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

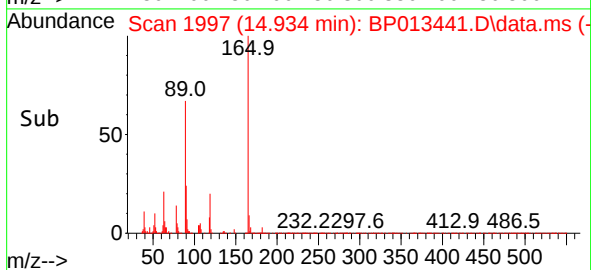
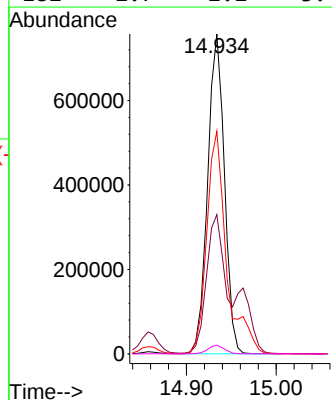
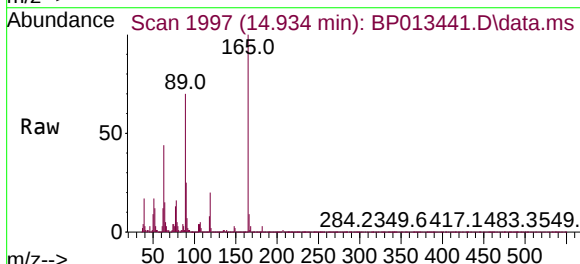
Instrument :
BNA_P
ClientSampleId :
PB150163BS

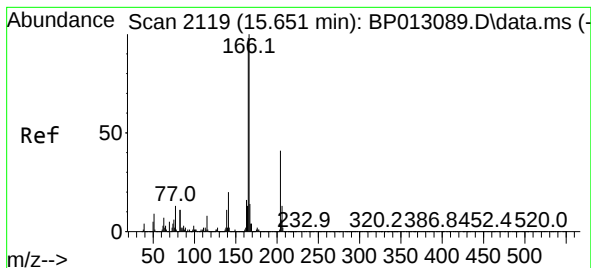
Tgt Ion:139 Resp: 1261789
Ion Ratio Lower Upper
139 100
109 71.4 49.4 89.4
65 97.5 74.1 114.1



#57
2,4-Dinitrotoluene
Concen: 43.844 ng
RT: 14.934 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:165 Resp: 986900
Ion Ratio Lower Upper
165 100
63 43.5 31.4 47.2
89 69.6 52.1 78.1
182 2.7 2.2 3.4





#58

Fluorene

Concen: 42.453 ng

RT: 15.616 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

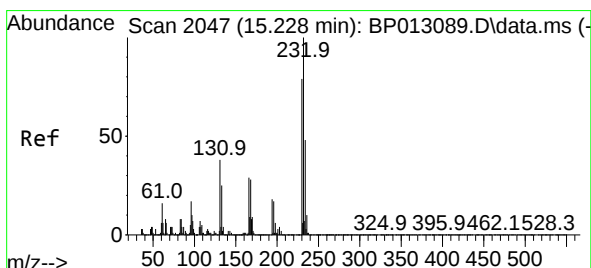
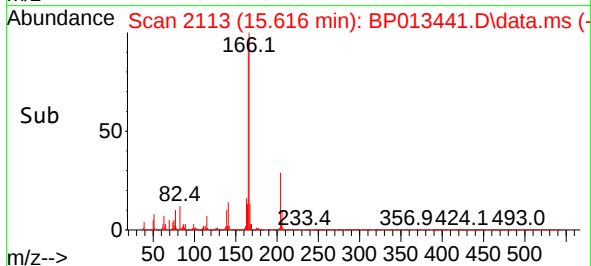
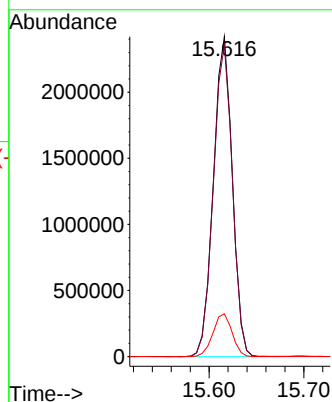
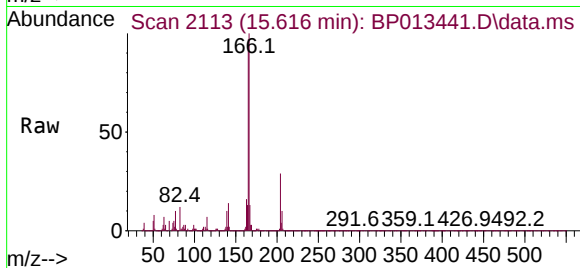
Tgt Ion:166 Resp: 3358453

Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

167 13.4 11.2 16.8



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.002 ng

RT: 15.193 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Tgt Ion:232 Resp: 969847

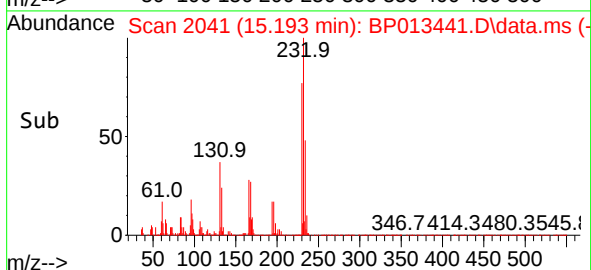
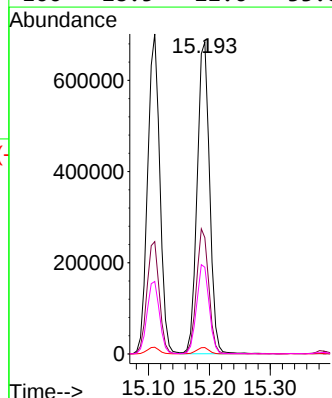
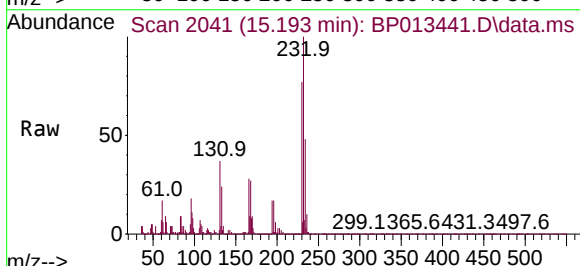
Ion Ratio Lower Upper

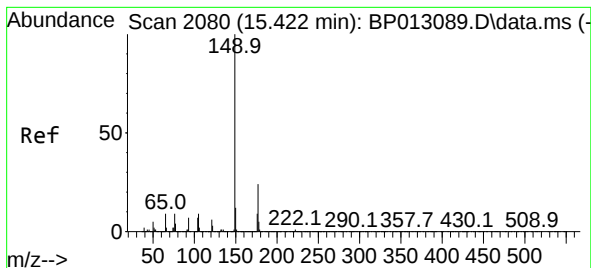
232 100

131 39.5 30.8 46.2

130 2.0 1.7 2.5

166 28.5 22.6 33.8





#60

Diethylphthalate

Concen: 43.508 ng

RT: 15.381 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

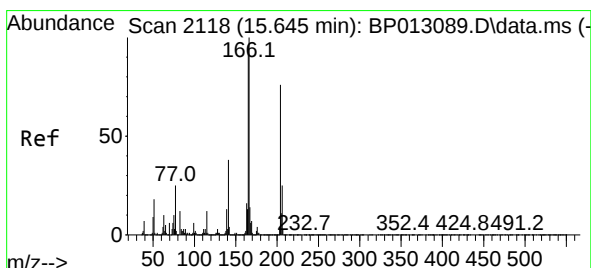
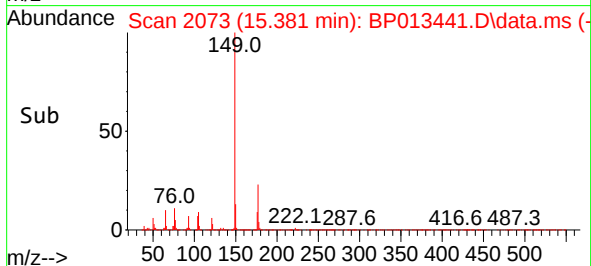
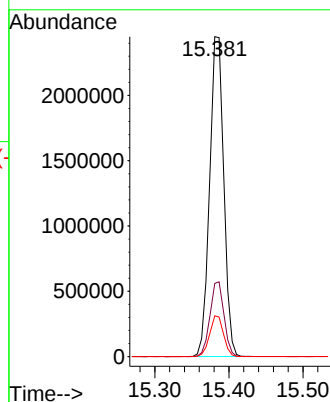
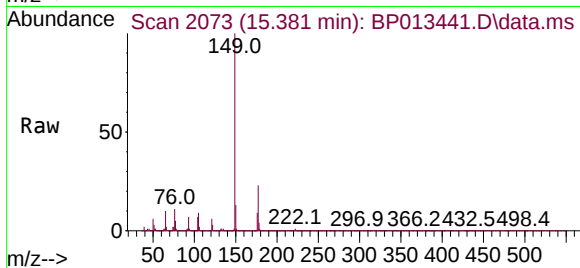
Tgt Ion:149 Resp: 3251388

Ion Ratio Lower Upper

149 100

177 22.9 19.0 28.4

150 12.8 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 43.455 ng

RT: 15.604 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

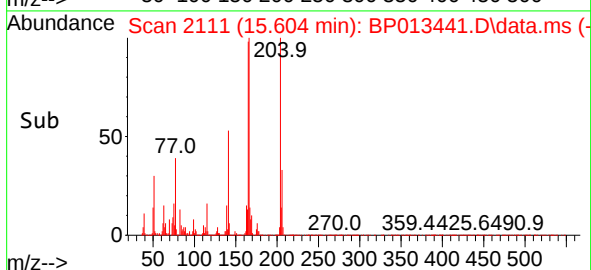
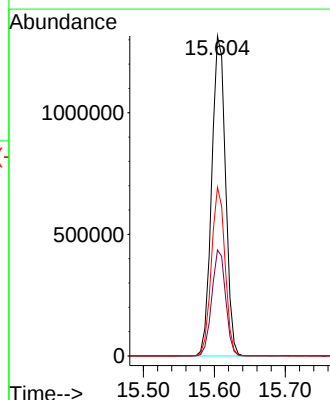
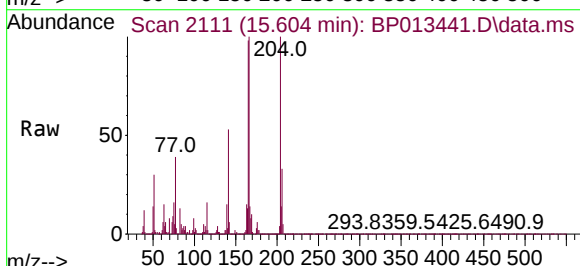
Tgt Ion:204 Resp: 1779124

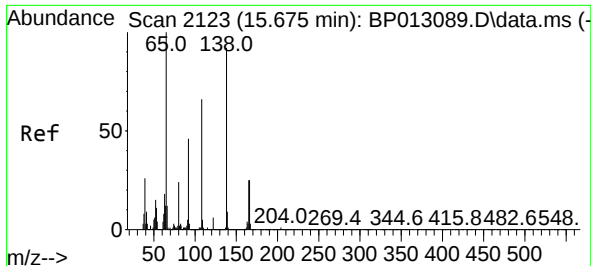
Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

141 52.7 39.9 59.9

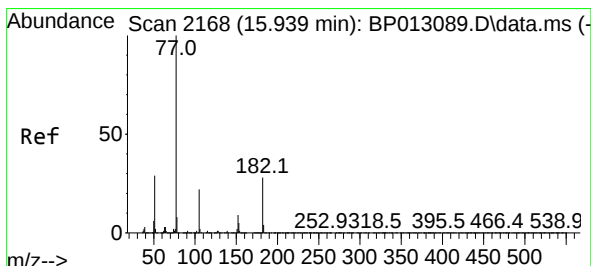
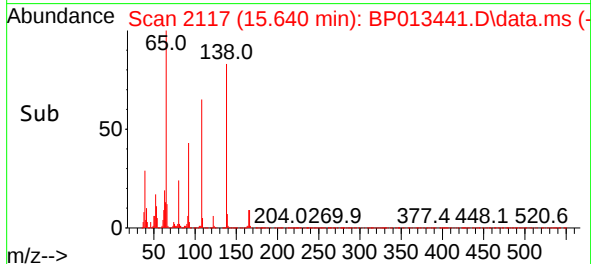
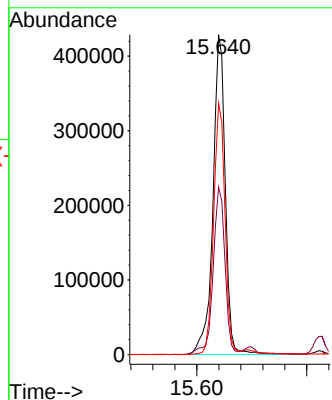
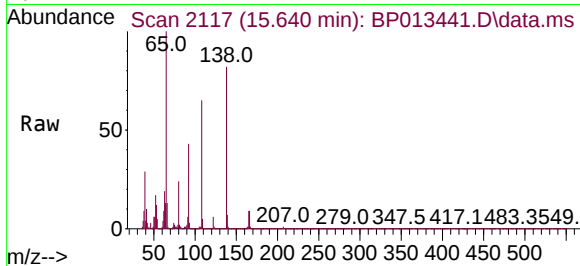




#62
4-Nitroaniline
Concen: 38.602 ng
RT: 15.640 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

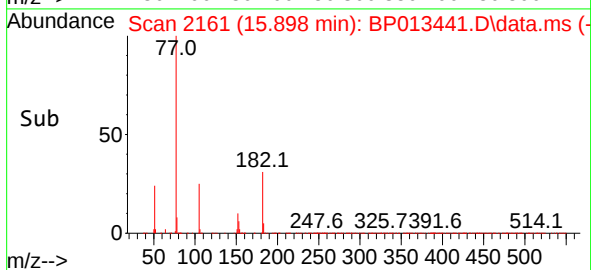
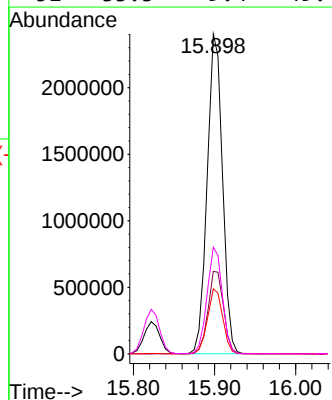
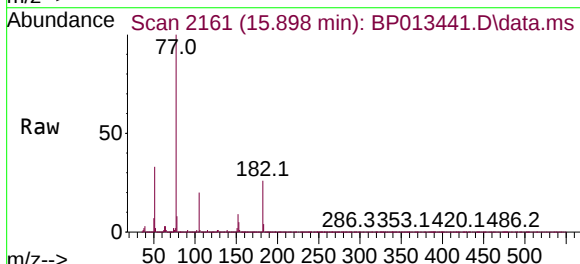
Instrument :
BNA_P
ClientSampleId :
PB150163BS

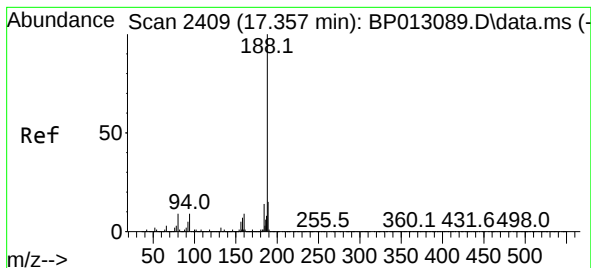
Tgt Ion:138 Resp: 668942
Ion Ratio Lower Upper
138 100
92 52.4 30.4 70.4
108 78.5 51.4 91.4



#63
Azobenzene
Concen: 45.473 ng
RT: 15.898 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion: 77 Resp: 3158112
Ion Ratio Lower Upper
77 100
182 25.8 8.3 48.3
105 20.3 1.6 41.6
51 33.3 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

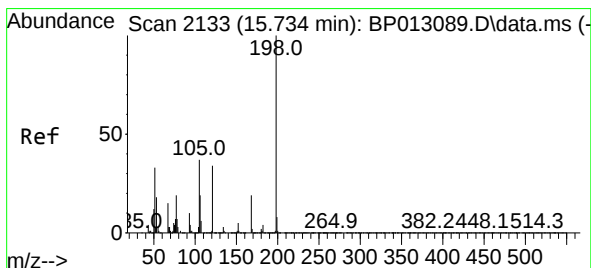
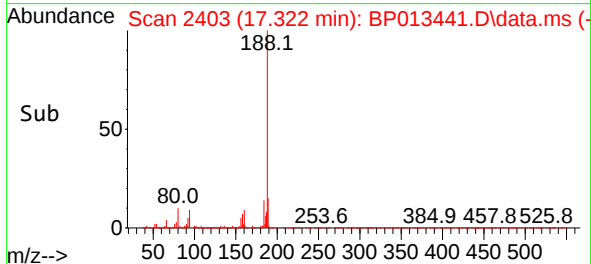
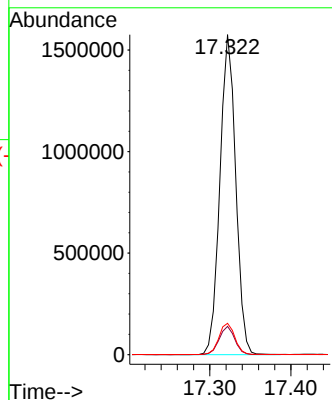
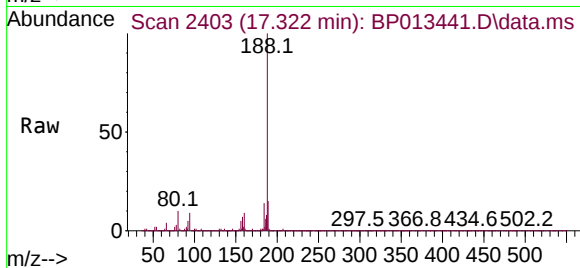
Tgt Ion:188 Resp: 2128183

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.8 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 40.611 ng

RT: 15.698 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

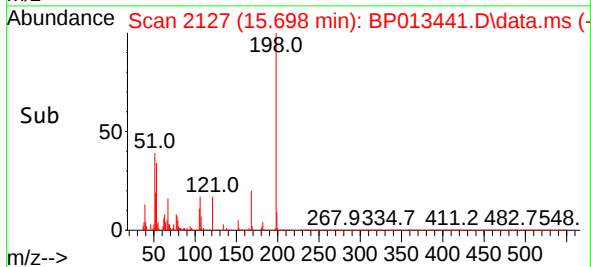
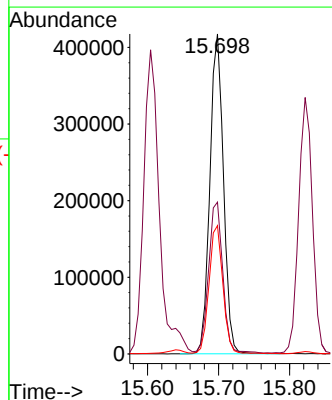
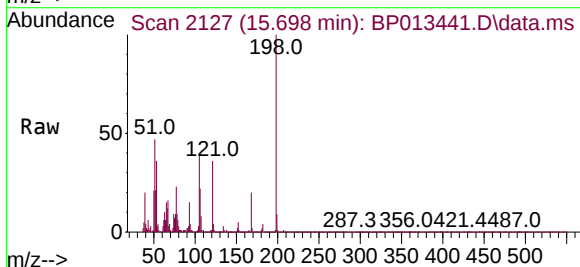
Tgt Ion:198 Resp: 555225

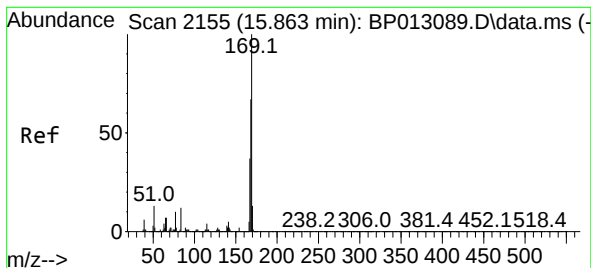
Ion Ratio Lower Upper

198 100

51 47.4 18.9 58.9

105 40.1 18.2 58.2

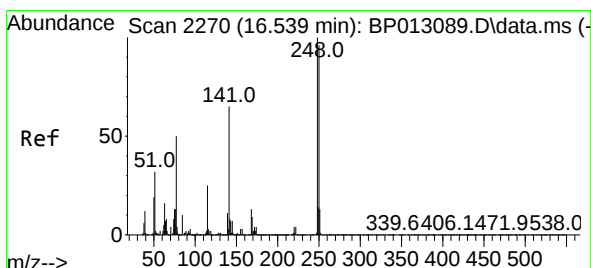
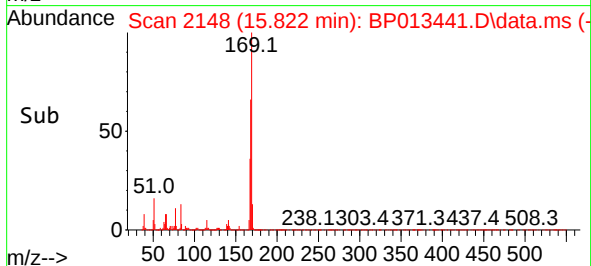
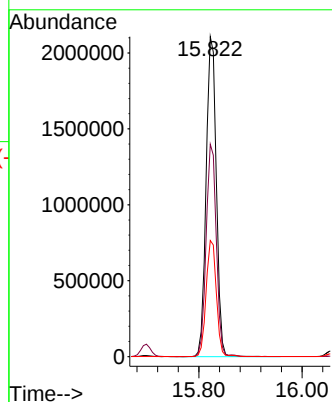
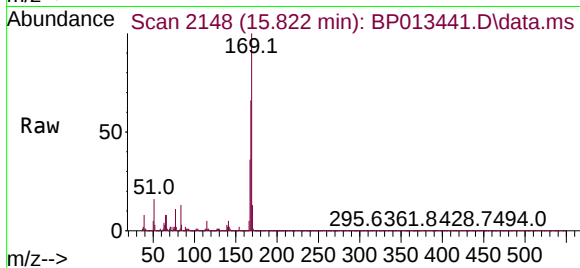




#66
n-Nitrosodiphenylamine
Concen: 43.242 ng
RT: 15.822 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

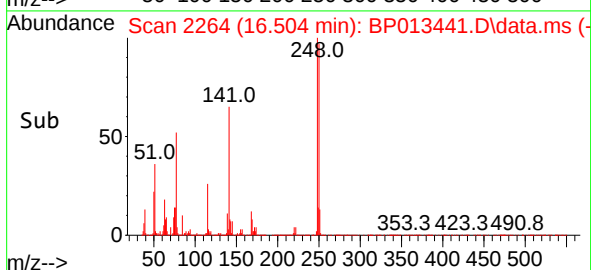
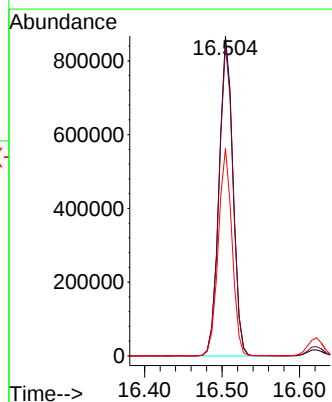
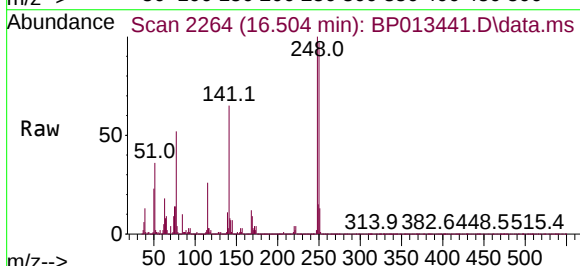
Instrument :
BNA_P
ClientSampleId :
PB150163BS

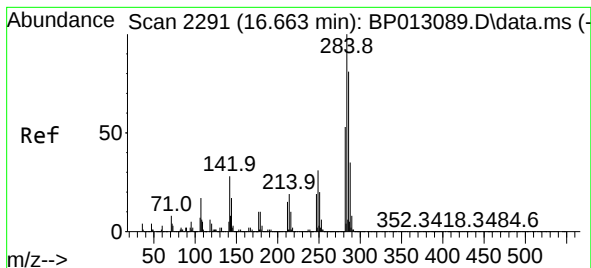
Tgt Ion:169 Resp: 2873278
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.3 29.4 44.0



#67
4-Bromophenyl-phenylether
Concen: 42.989 ng
RT: 16.504 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP013441.D
Acq: 11 Jan 2023 13:33

Tgt Ion:248 Resp: 1081818
Ion Ratio Lower Upper
248 100
250 97.0 76.4 114.6
141 64.8 51.8 77.6





#68

Hexachlorobenzene

Concen: 41.728 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

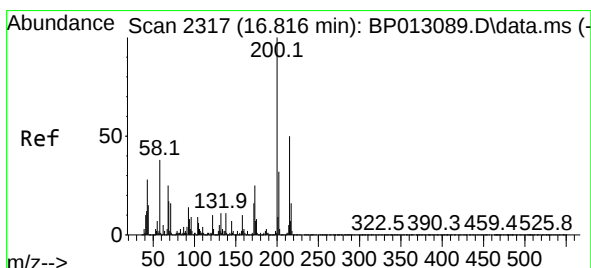
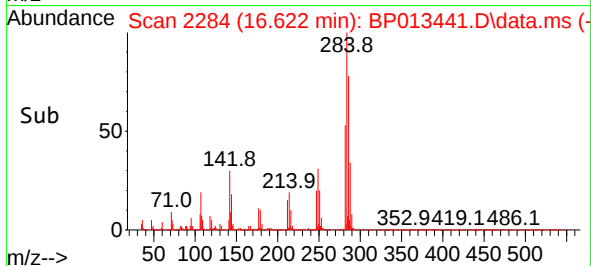
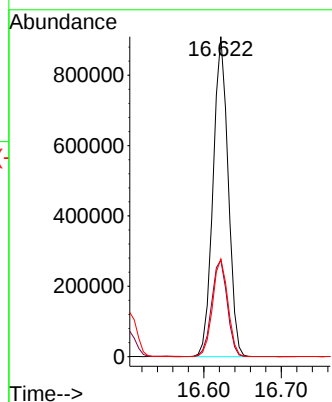
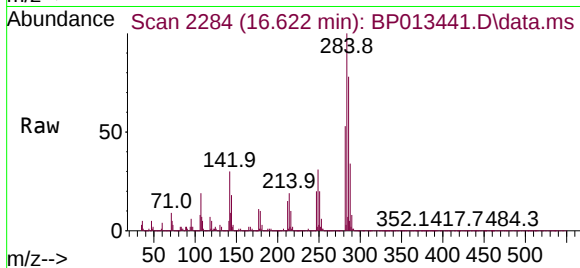
Tgt Ion:284 Resp: 1229503

Ion Ratio Lower Upper

284 100

142 30.1 22.6 34.0

249 30.5 24.5 36.7



#69

Atrazine

Concen: 36.695 ng

RT: 16.781 min Scan# 2311

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

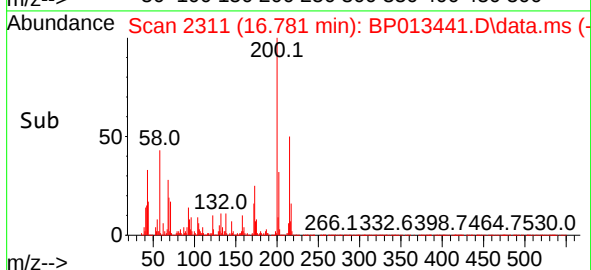
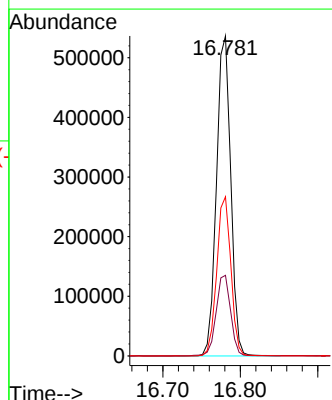
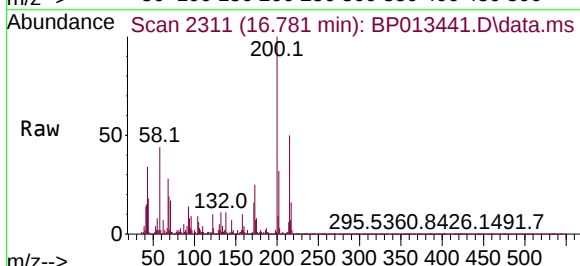
Tgt Ion:200 Resp: 684104

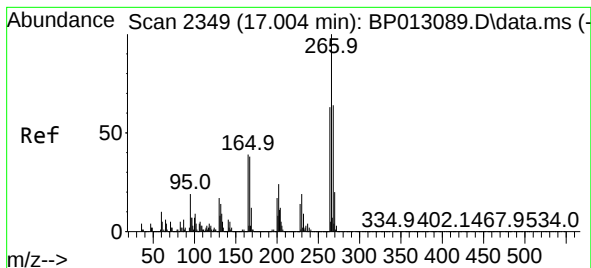
Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 49.7 29.5 69.5





#70

Pentachlorophenol

Concen: 87.700 ng

RT: 16.969 min Scan# 2349

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

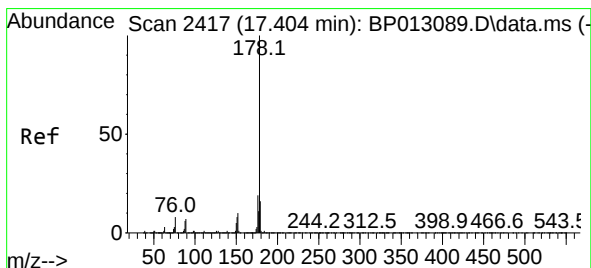
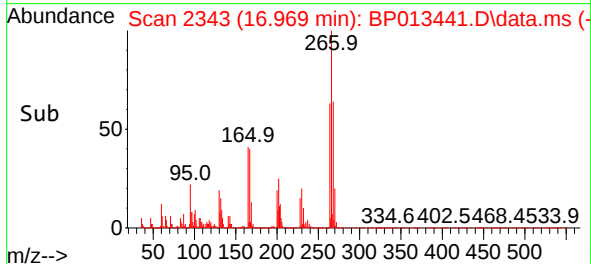
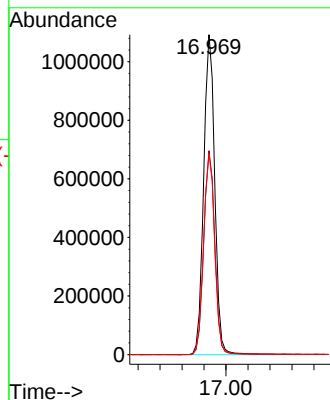
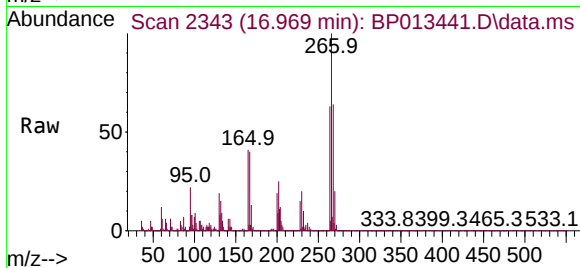
Tgt Ion:266 Resp: 1521800

Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

264 62.8 50.6 76.0



#71

Phenanthrene

Concen: 41.680 ng

RT: 17.363 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

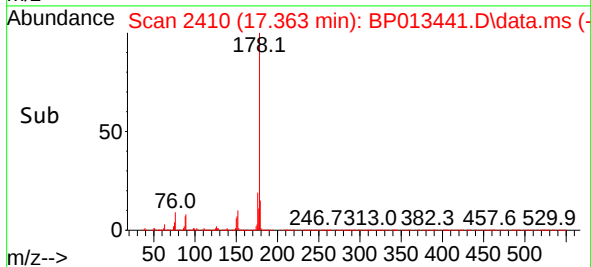
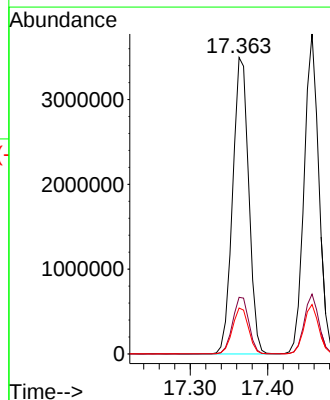
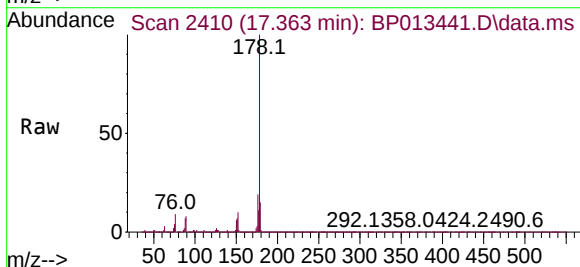
Tgt Ion:178 Resp: 5047412

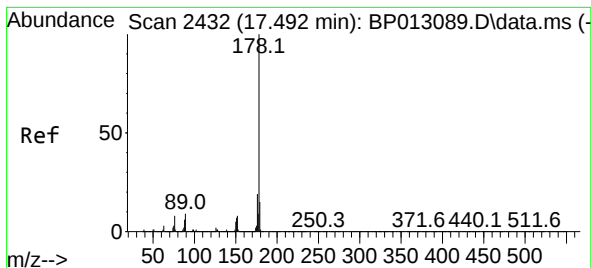
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.6 18.8





#72

Anthracene

Concen: 44.161 ng

RT: 17.457 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

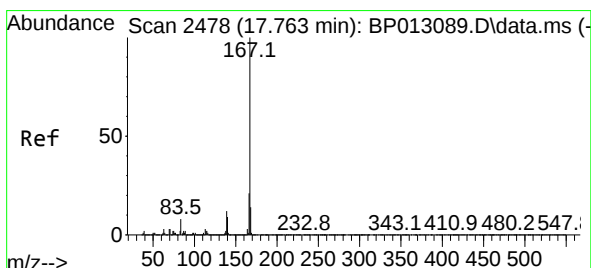
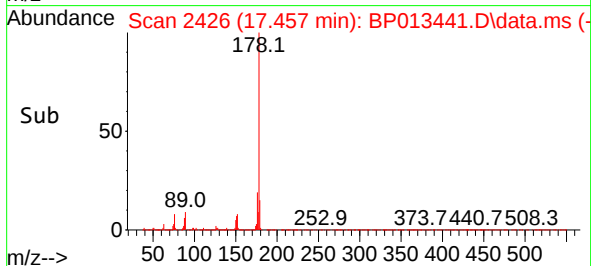
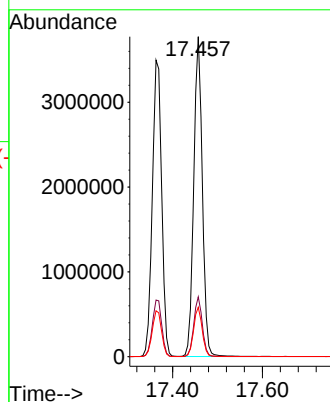
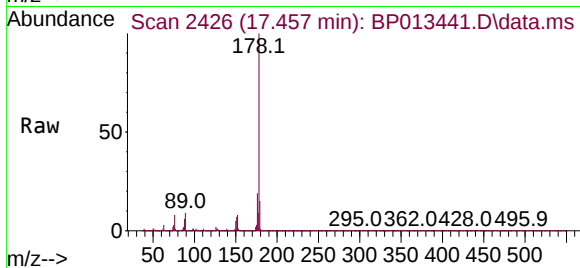
Tgt Ion:178 Resp: 5020594

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.4 12.4 18.6



#73

Carbazole

Concen: 44.990 ng

RT: 17.728 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

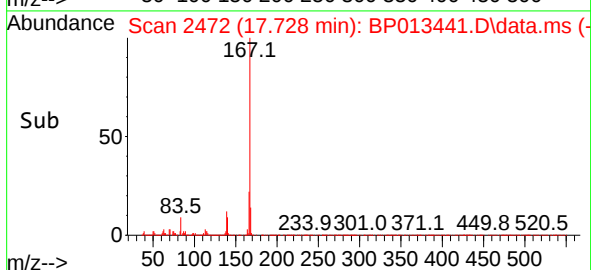
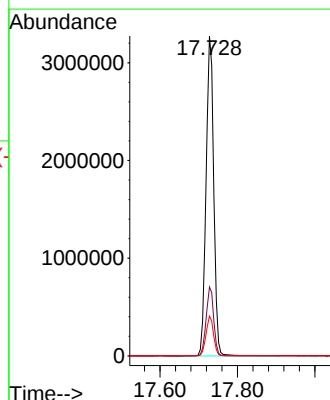
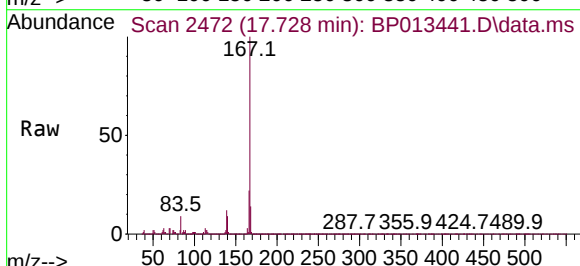
Tgt Ion:167 Resp: 4483931

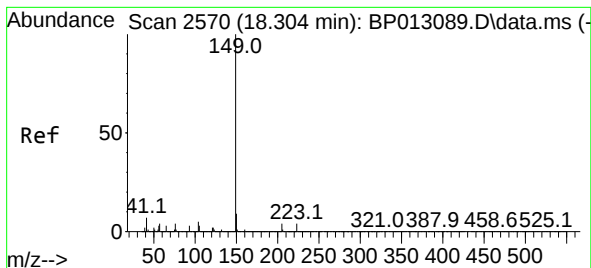
Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.4 9.7 14.5





#74

Di-n-butylphthalate

Concen: 46.402 ng

RT: 18.269 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

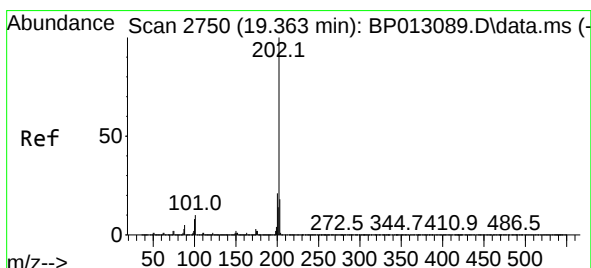
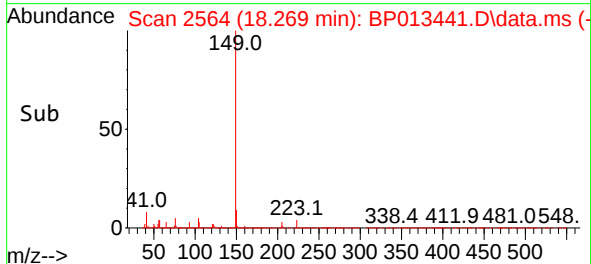
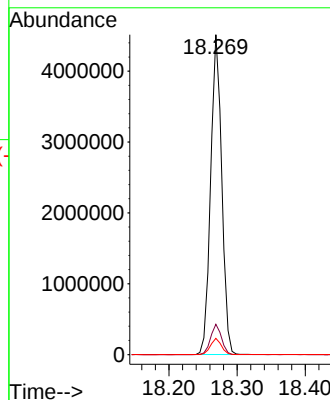
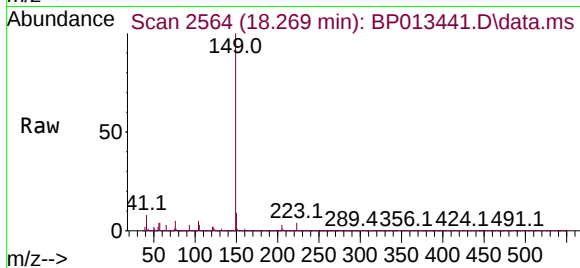
Tgt Ion:149 Resp: 5086747

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.1 3.8 5.6



#75

Fluoranthene

Concen: 43.154 ng

RT: 19.334 min Scan# 2745

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

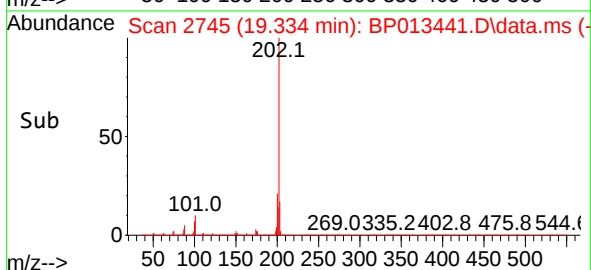
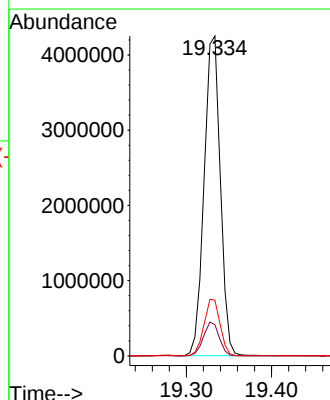
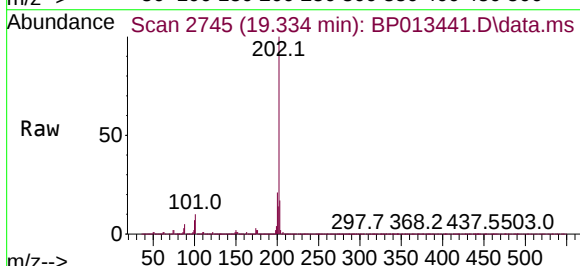
Tgt Ion:202 Resp: 5624819

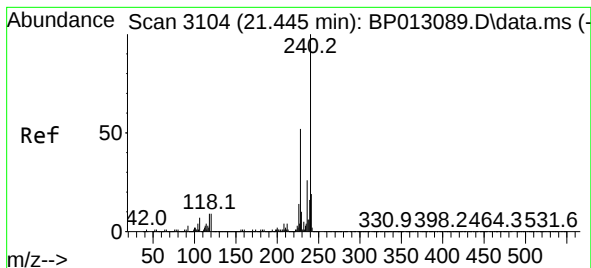
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

203 17.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

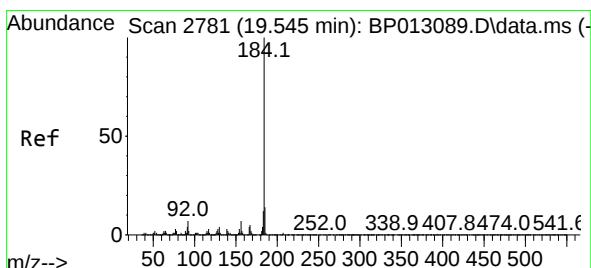
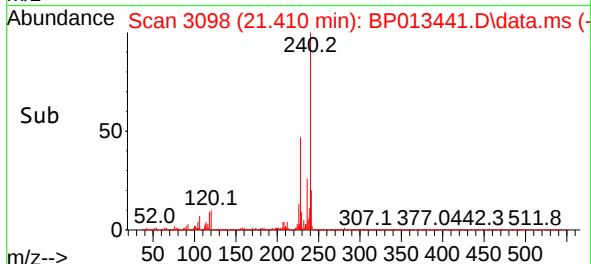
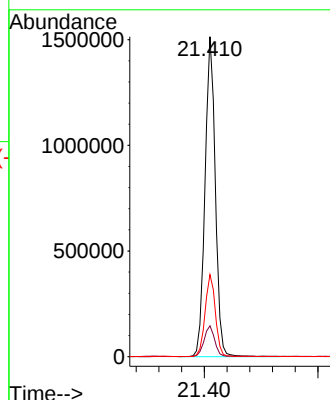
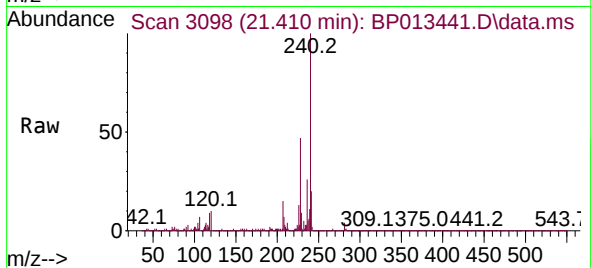
Tgt Ion:240 Resp: 1906912

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 25.6 21.0 31.4



#77

Benzidine

Concen: 46.783 ng

RT: 19.510 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

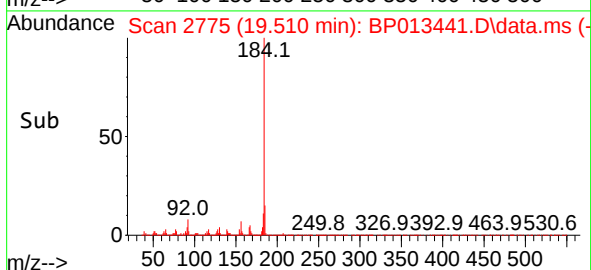
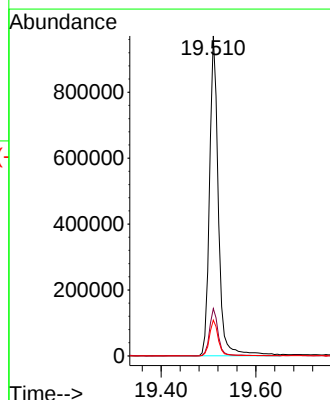
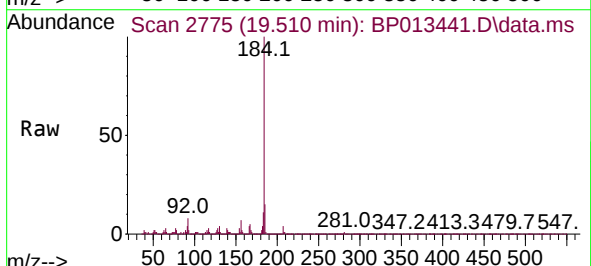
Tgt Ion:184 Resp: 1267167

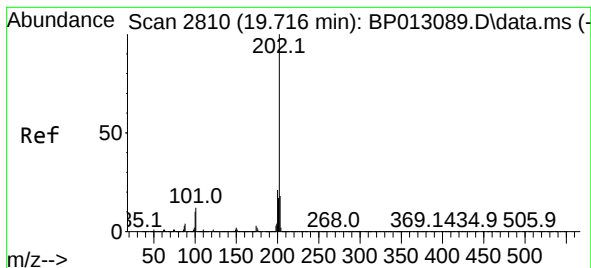
Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

183 11.2 9.4 14.0





#78

Pyrene

Concen: 42.610 ng

RT: 19.686 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

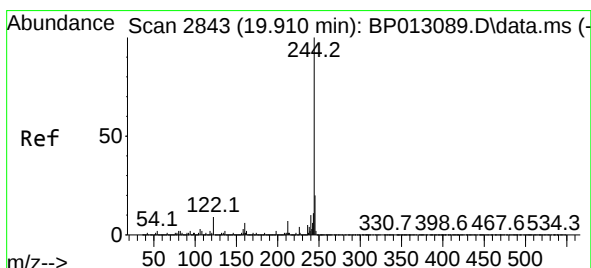
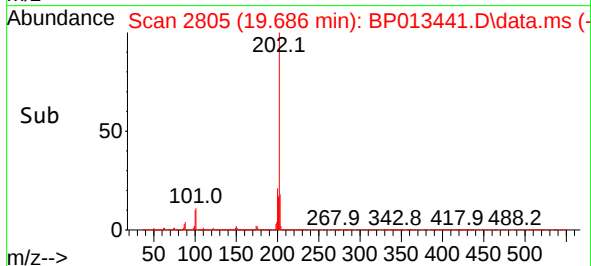
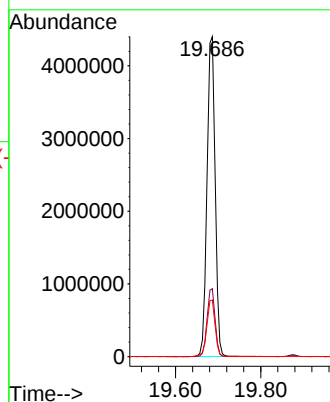
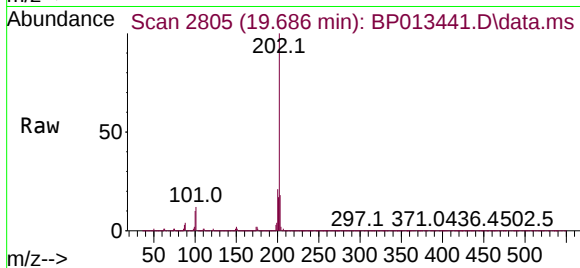
Tgt Ion:202 Resp: 5838369

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 14.2 21.2



#79

Terphenyl-d14

Concen: 94.629 ng

RT: 19.875 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

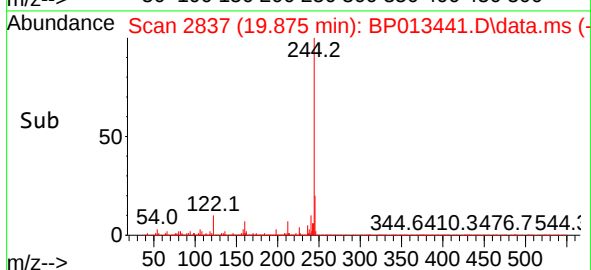
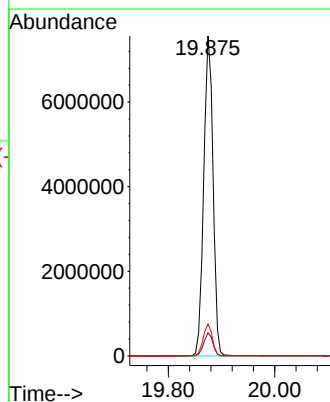
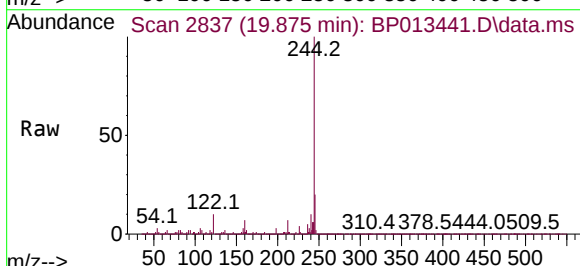
Tgt Ion:244 Resp: 9146501

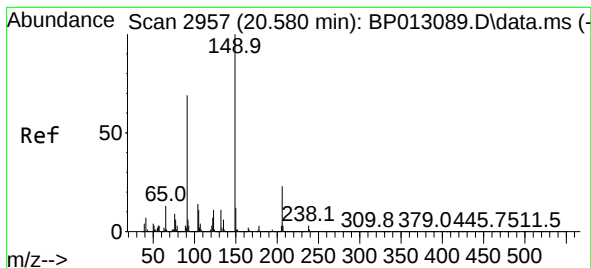
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.0 7.2 10.8





#80

Butylbenzylphthalate

Concen: 42.650 ng

RT: 20.551 min Scan# 2957

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

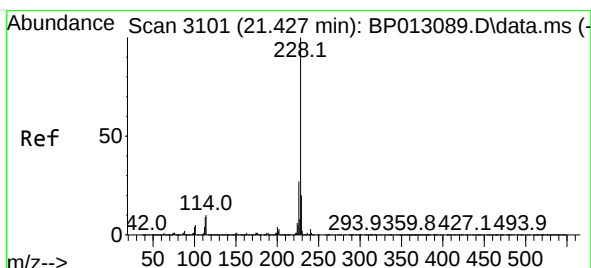
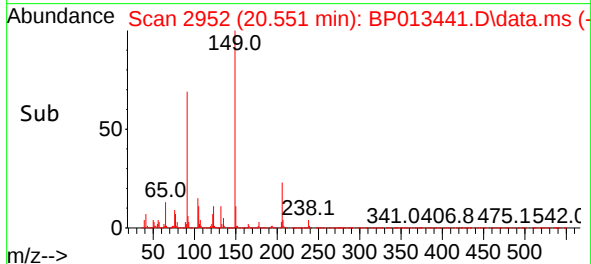
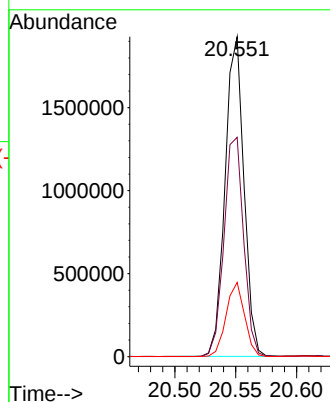
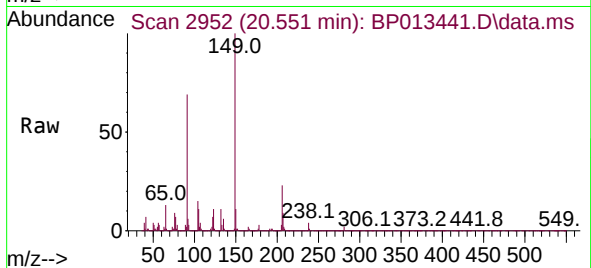
Tgt Ion:149 Resp: 2080871

Ion Ratio Lower Upper

149 100

91 68.5 55.2 82.8

206 23.2 18.3 27.5



#81

Benzo(a)anthracene

Concen: 42.113 ng

RT: 21.392 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

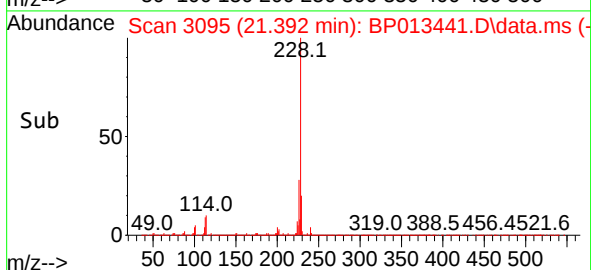
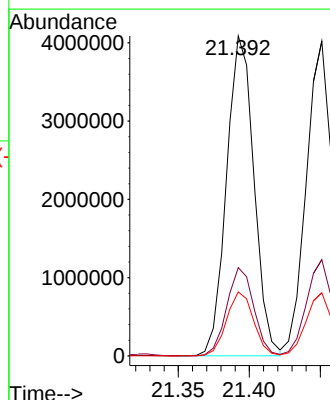
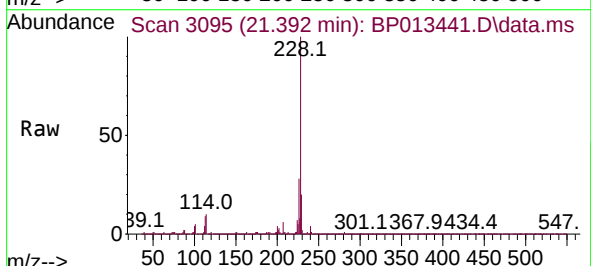
Tgt Ion:228 Resp: 5488997

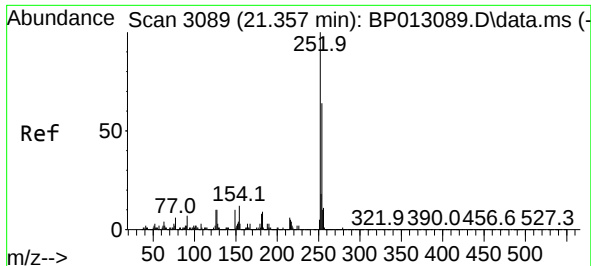
Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 20.0 16.2 24.4

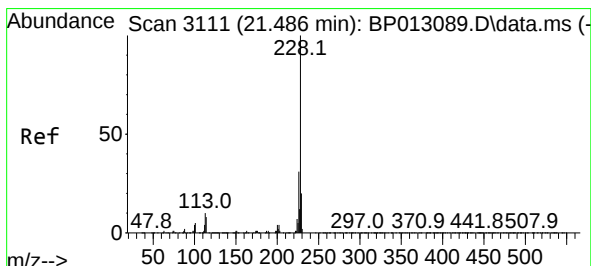
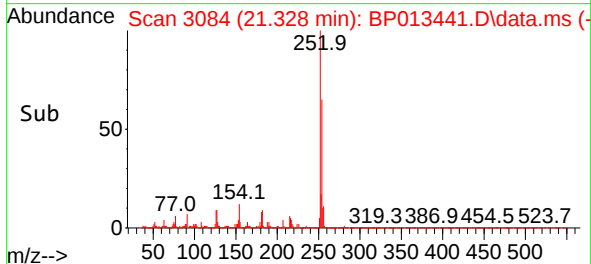
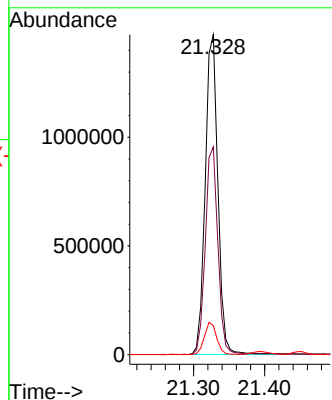
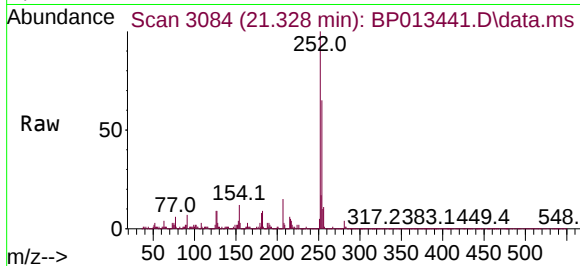




#82
 3,3'-Dichlorobenzidine
 Concen: 46.629 ng
 RT: 21.328 min Scan# 3084
 Delta R.T. 0.006 min
 Lab File: BP013441.D
 Acq: 11 Jan 2023 13:33

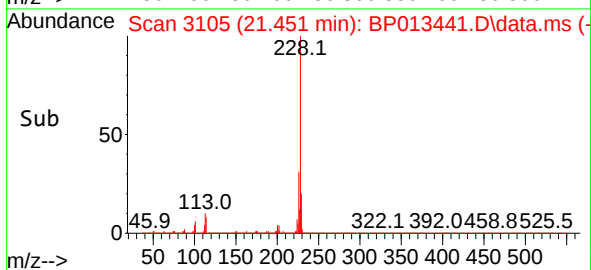
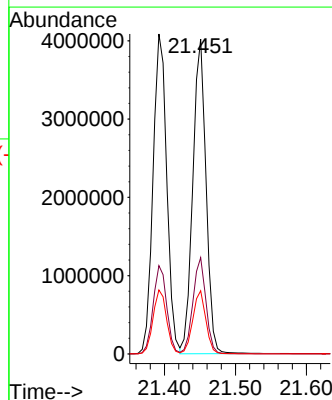
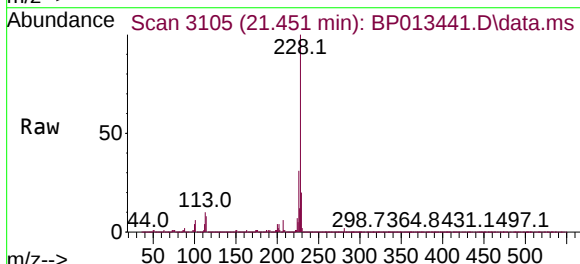
Instrument :
 BNA_P
 ClientSampleId :
 PB150163BS

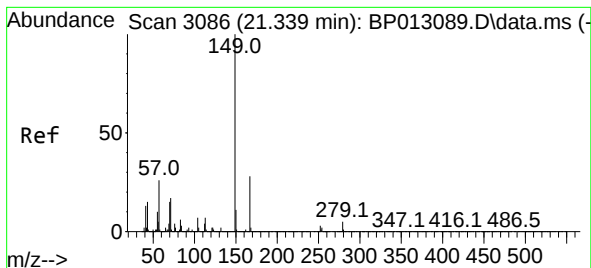
Tgt Ion:252 Resp: 1809804
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.0 76.4
 126 9.1 7.8 11.8



#83
 Chrysene
 Concen: 40.961 ng
 RT: 21.451 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BP013441.D
 Acq: 11 Jan 2023 13:33

Tgt Ion:228 Resp: 5207764
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.0 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.317 ng

RT: 21.304 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

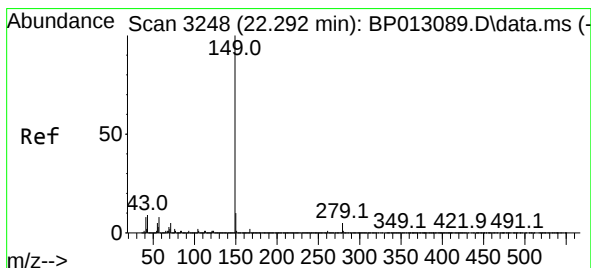
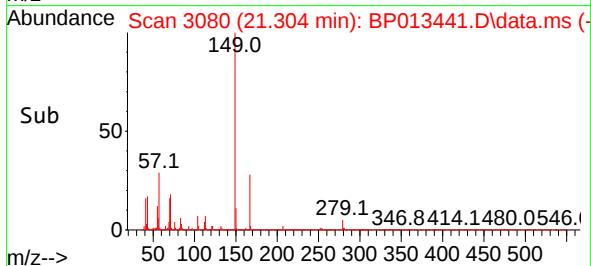
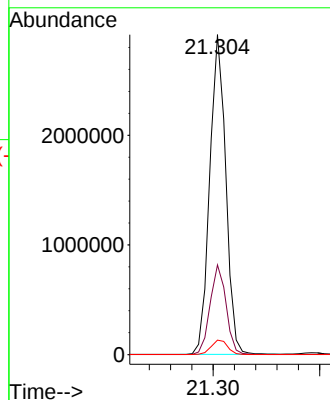
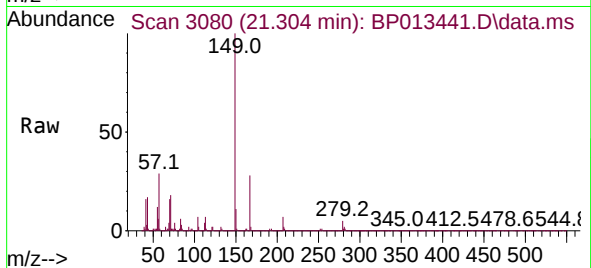
Tgt Ion:149 Resp: 3050350

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

279 4.5 3.8 5.6



#85

Di-n-octyl phthalate

Concen: 43.548 ng

RT: 22.251 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

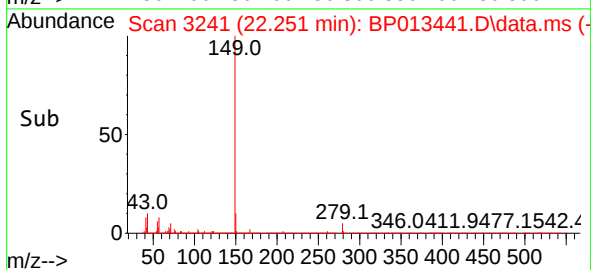
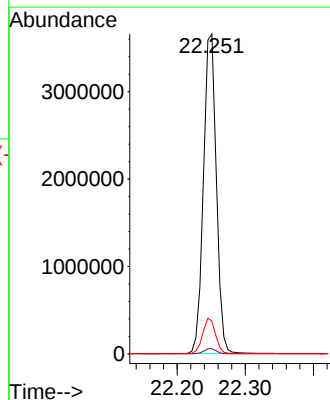
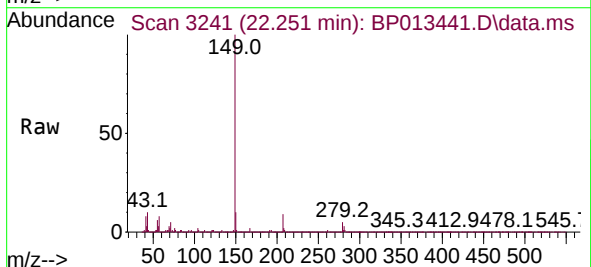
Tgt Ion:149 Resp: 4816388

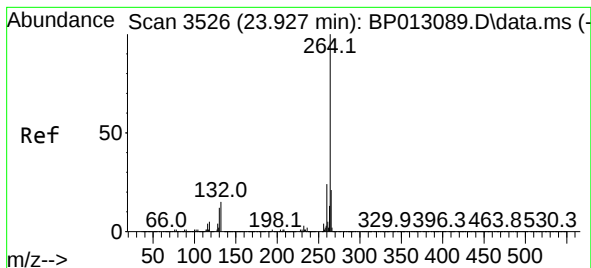
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.869 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

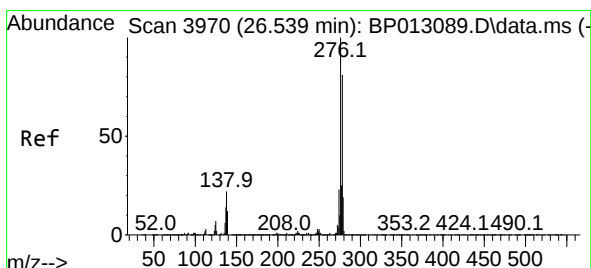
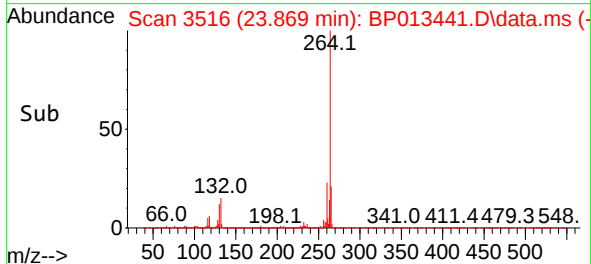
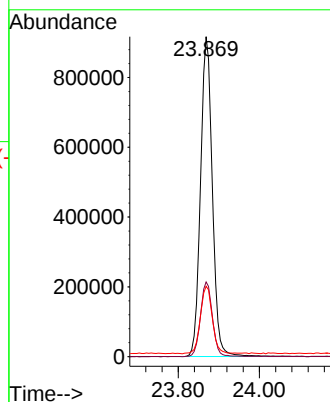
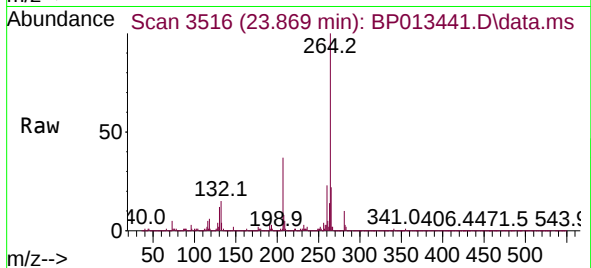
Tgt Ion:264 Resp: 1848812

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 22.0 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.041 ng

RT: 26.445 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

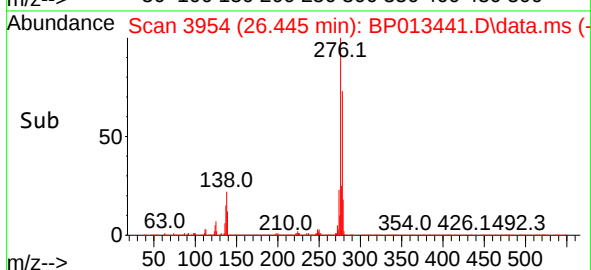
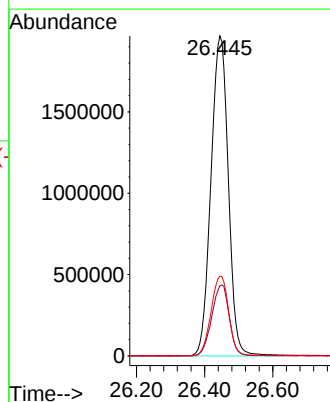
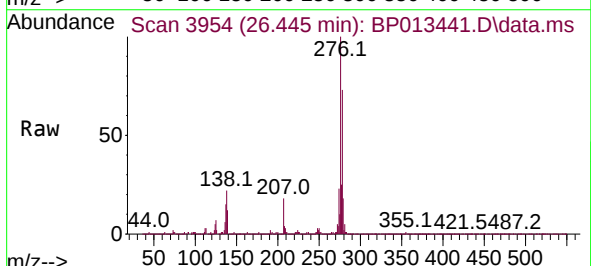
Tgt Ion:276 Resp: 6955220

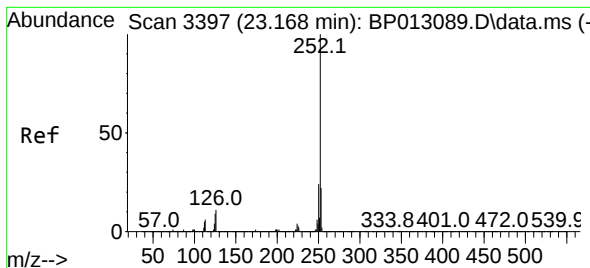
Ion Ratio Lower Upper

276 100

138 22.4 17.3 25.9

277 25.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 47.695 ng

RT: 23.116 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

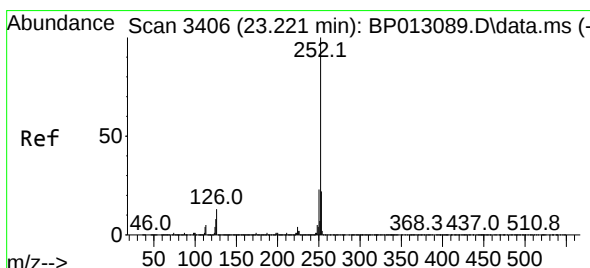
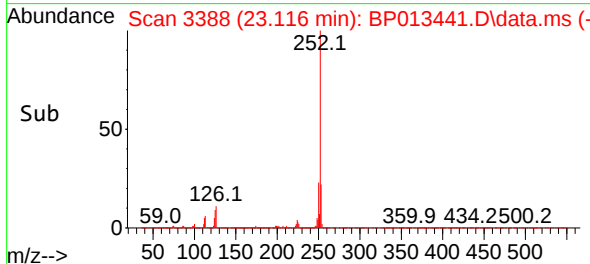
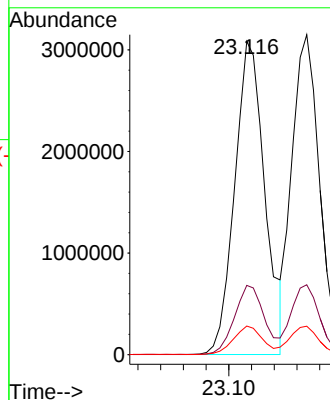
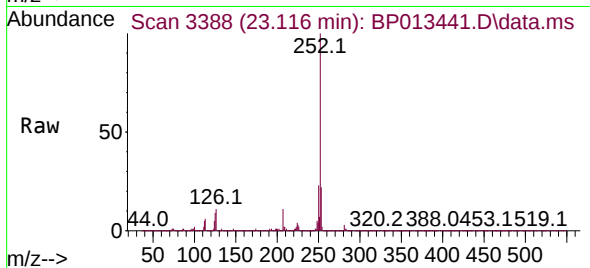
Tgt Ion:252 Resp: 5677407

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.1 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 44.458 ng

RT: 23.169 min Scan# 3397

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

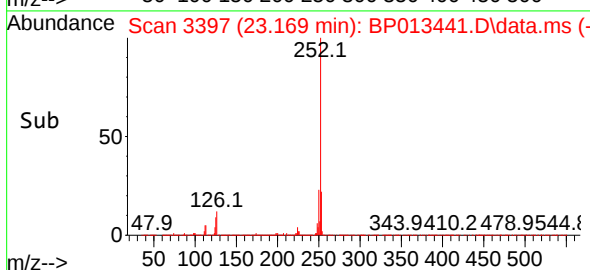
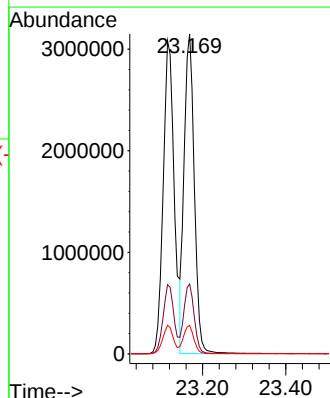
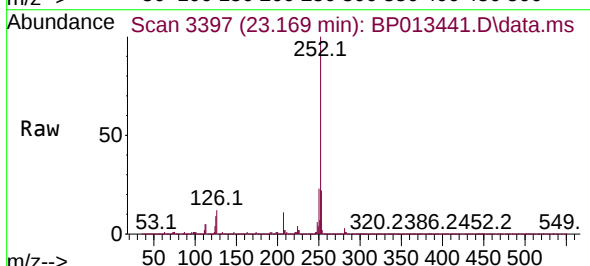
Tgt Ion:252 Resp: 5353567

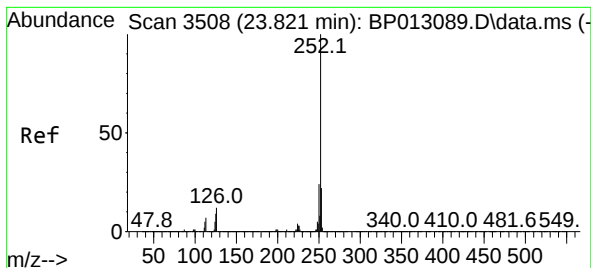
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.9 6.7 10.1





#90

Benzo(a)pyrene

Concen: 48.106 ng

RT: 23.763 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS

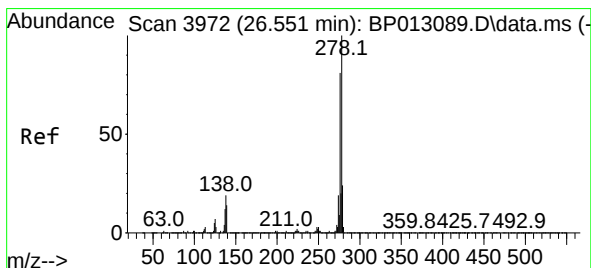
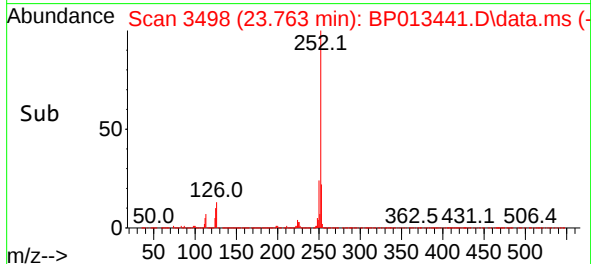
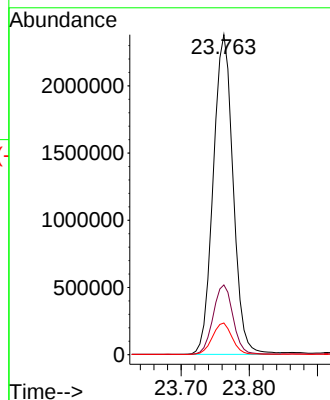
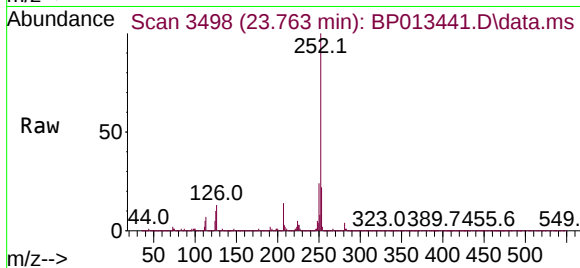
Tgt Ion:252 Resp: 4805584

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.9 7.4 11.2



#91

Dibenzo(a,h)anthracene

Concen: 47.655 ng

RT: 26.463 min Scan# 3957

Delta R.T. 0.006 min

Lab File: BP013441.D

Acq: 11 Jan 2023 13:33

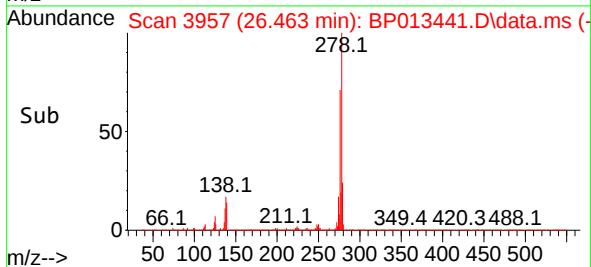
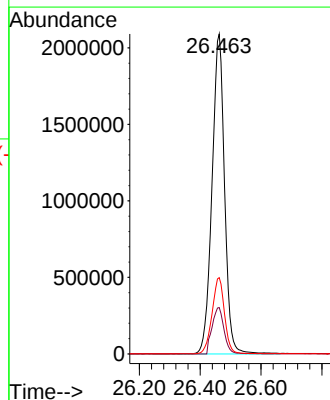
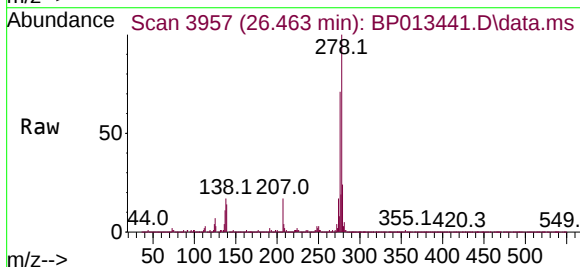
Tgt Ion:278 Resp: 5982844

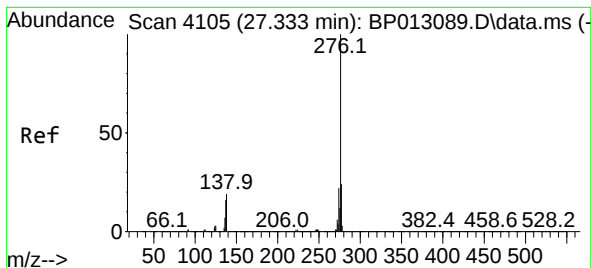
Ion Ratio Lower Upper

278 100

139 14.5 11.0 16.6

279 23.8 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 48.670 ng

RT: 27.233 min Scan# 40

Delta R.T. 0.000 min

Lab File: BP013441.D

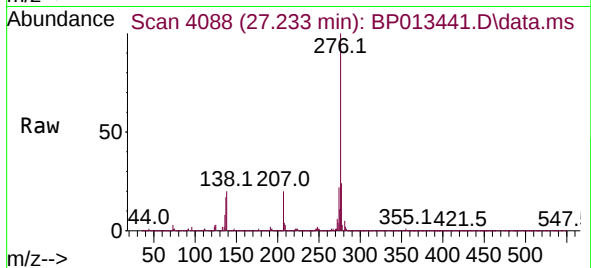
Acq: 11 Jan 2023 13:33

Instrument :

BNA_P

ClientSampleId :

PB150163BS



Tgt Ion:276 Resp: 6054131

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 19.5 15.0 22.6

