

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013679.D
 Acq On : 31 Jan 2023 18:13
 Operator : CG/JU
 Sample : PB150555BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150555BS

Quant Time: Feb 01 06:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	246633	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	914215	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	565944	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1198179	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1061371	20.000	ng	0.00
86) Perylene-d12	24.180	264	1169024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2012144	139.465	ng	0.00
7) Phenol-d6	7.293	99	2567743	133.590	ng	0.00
23) Nitrobenzene-d5	9.316	82	1395184	88.773	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	1104406	130.106	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3651471	90.281	ng	0.00
79) Terphenyl-d14	20.057	244	5404834	101.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	217396	35.616	ng	99
3) Pyridine	3.934	79	599003	34.084	ng	99
4) n-Nitrosodimethylamine	3.834	42	259940	41.250	ng	98
6) Aniline	7.458	93	997503	39.808	ng	100
8) 2-Chlorophenol	7.699	128	687153	45.240	ng	99
9) Benzaldehyde	7.269	77	482572	55.481	ng	97
10) Phenol	7.316	94	907613	45.201	ng	97
11) bis(2-Chloroethyl)ether	7.552	93	696728	43.437	ng	99
12) 1,3-Dichlorobenzene	8.028	146	772670	45.159	ng	99
13) 1,4-Dichlorobenzene	8.175	146	790161	45.643	ng	100
14) 1,2-Dichlorobenzene	8.499	146	754765	45.562	ng	100
15) Benzyl Alcohol	8.381	79	590111	43.357	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.675	45	819095	43.724	ng	98
17) 2-Methylphenol	8.581	107	585903	41.639	ng	99
18) Hexachloroethane	9.234	117	262203	45.932	ng	94
19) n-Nitroso-di-n-propyla...	8.952	70	499506	41.420	ng	98
20) 3+4-Methylphenols	8.910	107	777195	40.488	ng	99
22) Acetophenone	8.975	105	1006735	42.228	ng	# 99
24) Nitrobenzene	9.357	77	731057	42.885	ng	99
25) Isophorone	9.887	82	1392808	39.984	ng	99
26) 2-Nitrophenol	10.075	139	318886	40.834	ng	98
27) 2,4-Dimethylphenol	10.128	122	622354	44.270	ng	100
28) bis(2-Chloroethoxy)met...	10.363	93	875640	41.940	ng	100
29) 2,4-Dichlorophenol	10.610	162	674082	44.054	ng	99
30) 1,2,4-Trichlorobenzene	10.828	180	753792	44.398	ng	99
31) Naphthalene	11.022	128	2022099	42.066	ng	99
32) Benzoic acid	10.252	122	403777	36.900	ng	98
33) 4-Chloroaniline	11.128	127	449978	21.304	ng	100
34) Hexachlorobutadiene	11.304	225	470092	43.619	ng	99
35) Caprolactam	11.910	113	182467	36.312	ng	99
36) 4-Chloro-3-methylphenol	12.234	107	649241	40.337	ng	99
37) 2-Methylnaphthalene	12.616	142	1430372	39.574	ng	99
38) 1-Methylnaphthalene	12.834	142	1321106	38.911	ng	98
40) 1,2,4,5-Tetrachloroben...	12.981	216	896916	46.421	ng	99
41) Hexachlorocyclopentadiene	12.957	237	1088350	123.413	ng	98
43) 2,4,6-Trichlorophenol	13.210	196	567286	44.588	ng	98

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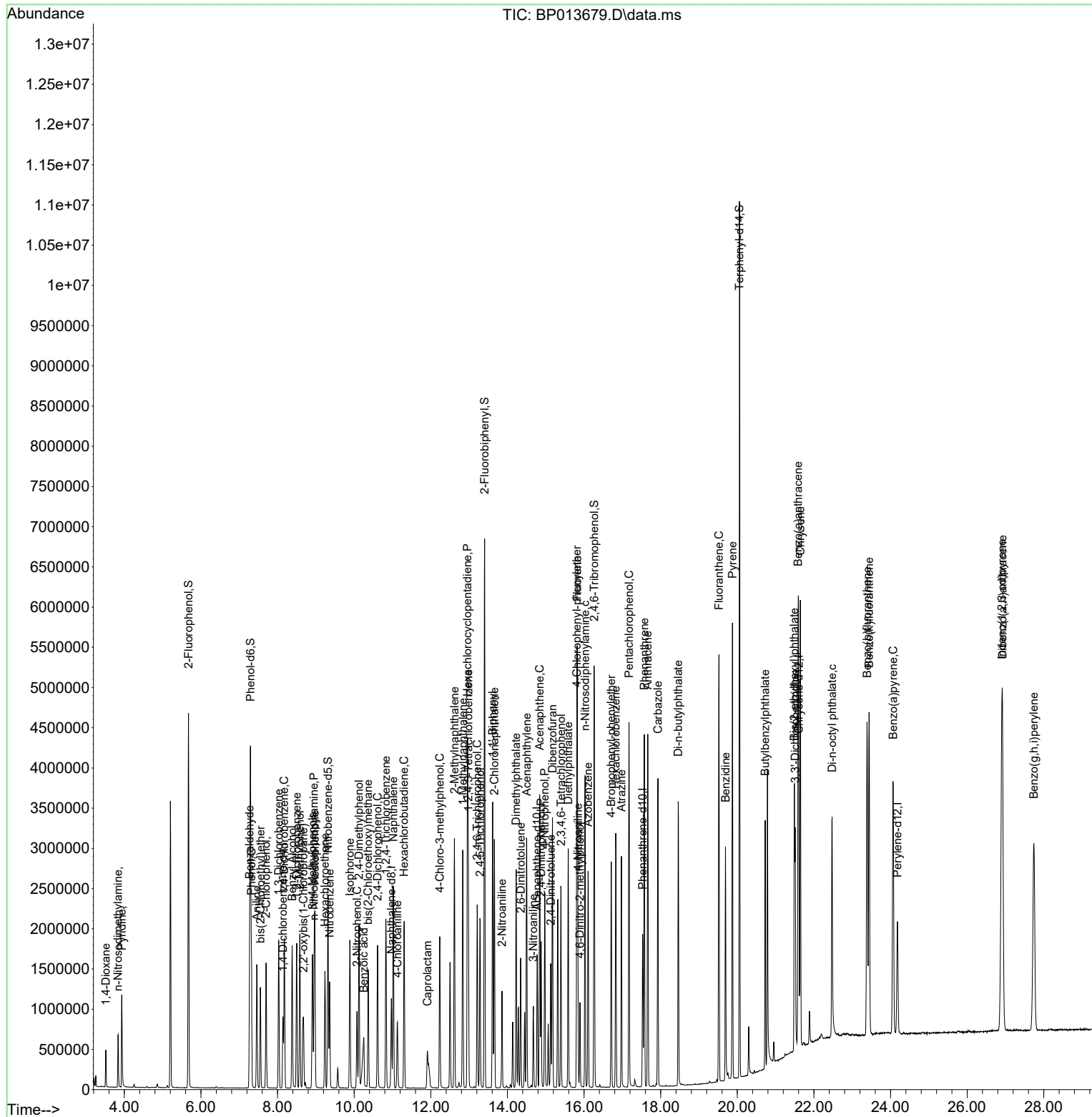
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	621380	41.714	ng	98
46) 1,1'-Biphenyl	13.616	154	1888977	44.107	ng	99
47) 2-Chloronaphthalene	13.657	162	1492823	45.095	ng	100
48) 2-Nitroaniline	13.857	65	303932	37.626	ng	98
49) Acenaphthylene	14.504	152	2264628	42.420	ng	99
50) Dimethylphthalate	14.228	163	1798345	41.082	ng	99
51) 2,6-Dinitrotoluene	14.345	165	355110	40.025	ng	98
52) Acenaphthene	14.840	154	1387032	40.357	ng	100
53) 3-Nitroaniline	14.675	138	256407	28.038	ng	98
54) 2,4-Dinitrophenol	14.881	184	422306	72.794	ng	98
55) Dibenzofuran	15.175	168	2211984	41.124	ng	99
56) 4-Nitrophenol	14.975	139	636175	83.821	ng	97
57) 2,4-Dinitrotoluene	15.134	165	468739	39.616	ng	99
58) Fluorene	15.822	166	1731157	40.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.398	232	551271	42.558	ng	100
60) Diethylphthalate	15.587	149	1678356	39.994	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	948652	41.251	ng	100
62) 4-Nitroaniline	15.839	138	335853	35.848	ng	100
63) Azobenzene	16.104	77	1584792	40.882	ng	99
65) 4,6-Dinitro-2-methylph...	15.892	198	263784	39.195	ng	98
66) n-Nitrosodiphenylamine	16.028	169	1522007	43.657	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	602495	43.866	ng	99
68) Hexachlorobenzene	16.828	284	706803	46.472	ng	98
69) Atrazine	16.975	200	538122	47.436	ng	98
70) Pentachlorophenol	17.175	266	915832	81.632	ng	99
71) Phenanthrene	17.575	178	2769240	43.120	ng	100
72) Anthracene	17.663	178	2785725	42.965	ng	100
73) Carbazole	17.928	167	2466999	41.903	ng	100
74) Di-n-butylphthalate	18.457	149	2675985	41.536	ng	100
75) Fluoranthene	19.522	202	3202497	40.054	ng	99
77) Benzidine	19.692	184	1729554	75.444	ng	99
78) Pyrene	19.875	202	3309175	46.342	ng	100
80) Butylbenzylphthalate	20.727	149	862589	44.249	ng	98
81) Benzo(a)anthracene	21.586	228	3177555	43.102	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	821605	35.251	ng	99
83) Chrysene	21.645	228	3014031	42.912	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1405619	42.349	ng	99
85) Di-n-octyl phthalate	22.474	149	2476878	40.866	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4091213	46.017	ng	100
88) Benzo(b)fluoranthene	23.386	252	3271179	46.558	ng	100
89) Benzo(k)fluoranthene	23.439	252	3116415	44.283	ng	100
90) Benzo(a)pyrene	24.068	252	2854889	40.934	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3399917	46.071	ng	99
92) Benzo(g,h,i)perylene	27.739	276	3407075	46.485	ng	99

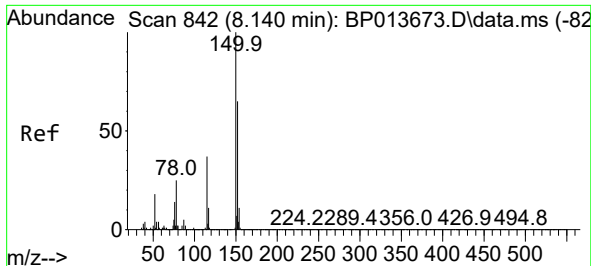
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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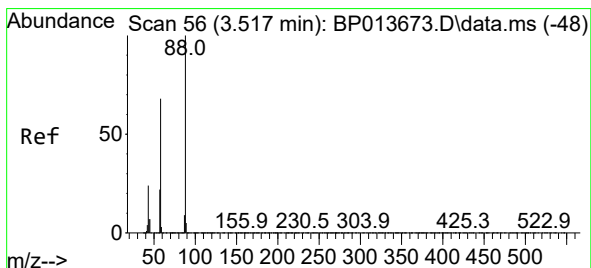
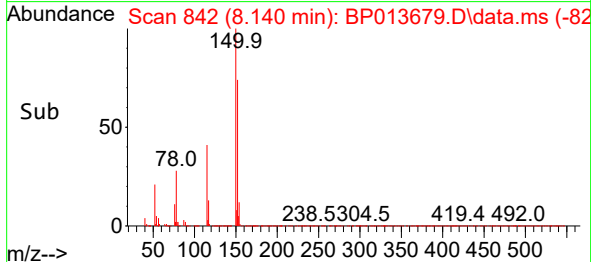
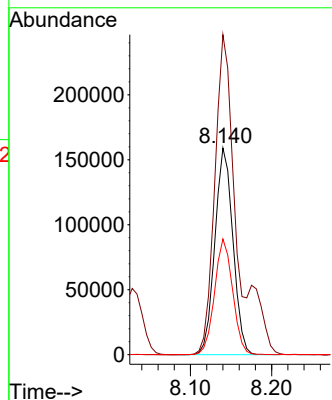
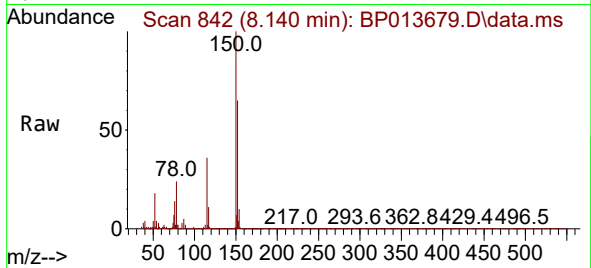




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.140 min Scan# 842
 Delta R.T. -0.000 min
 Lab File: BP013679.D
 Acq: 31 Jan 2023 18:13

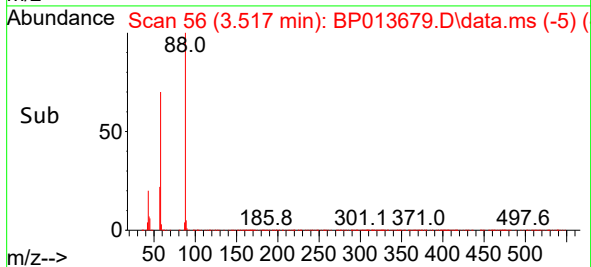
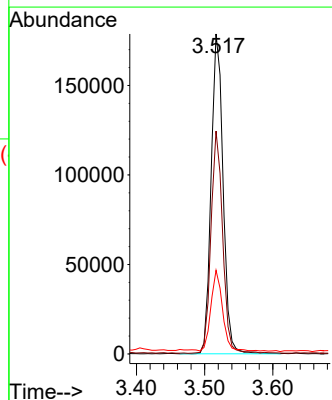
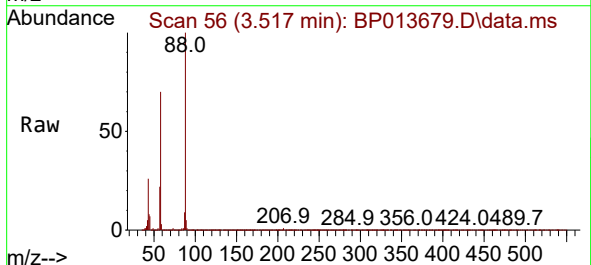
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 ClientSampleId :
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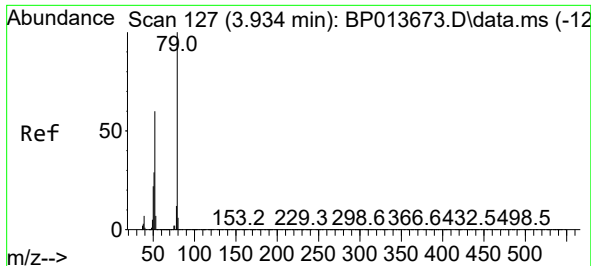
Tgt Ion:152 Resp: 246633
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.6 185.4
 115 56.0 45.4 68.0



#2
 1,4-Dioxane
 Concen: 35.616 ng
 RT: 3.517 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP013679.D
 Acq: 31 Jan 2023 18:13

Tgt Ion: 88 Resp: 217396
 Ion Ratio Lower Upper
 88 100
 58 68.3 53.8 80.8
 43 25.6 19.8 29.6

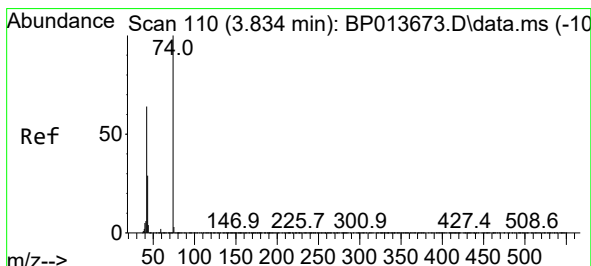
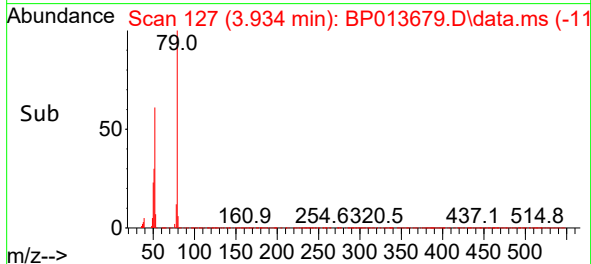
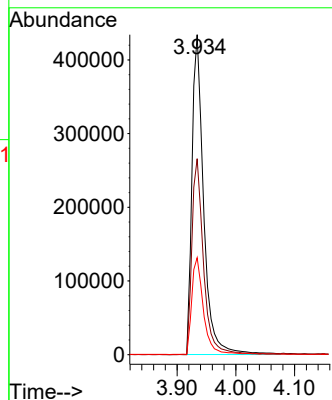
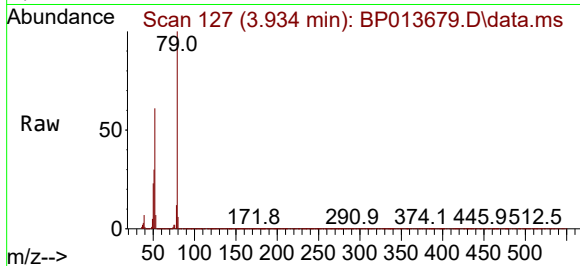




#3
Pyridine
Concen: 34.084 ng
RT: 3.934 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

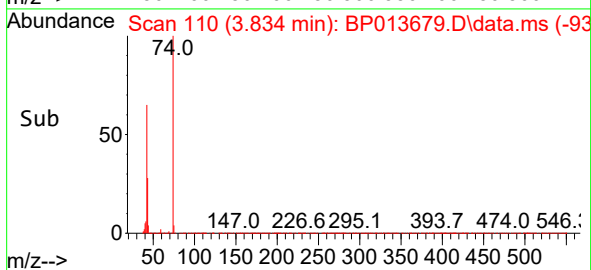
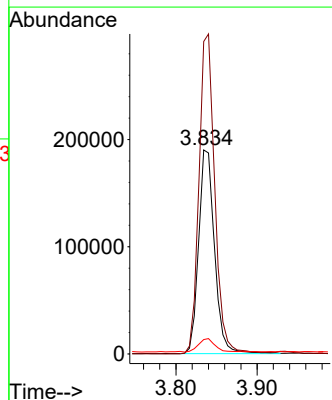
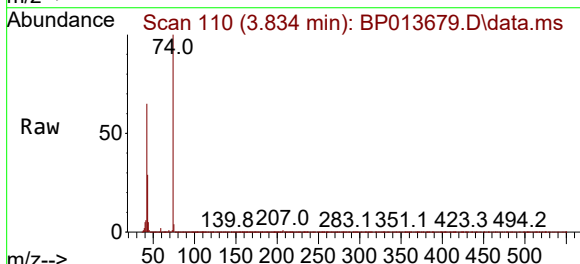
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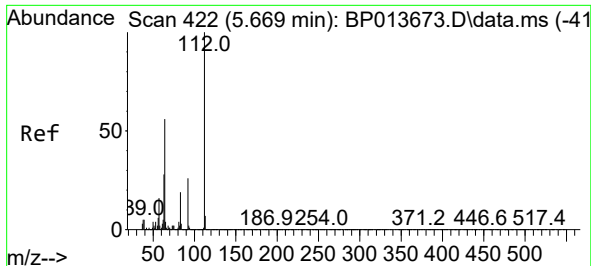
Tgt Ion: 79 Resp: 599003
Ion Ratio Lower Upper
79 100
52 61.3 48.2 72.2
51 30.3 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 41.250 ng
RT: 3.834 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 42 Resp: 259940
Ion Ratio Lower Upper
42 100
74 153.2 124.6 187.0
44 7.1 6.3 9.5

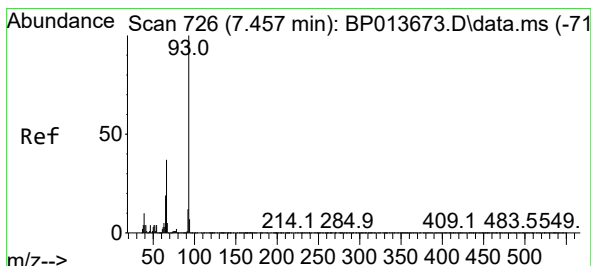
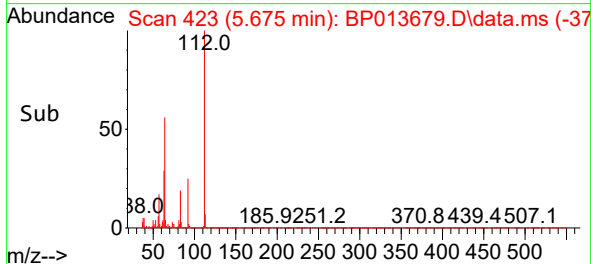
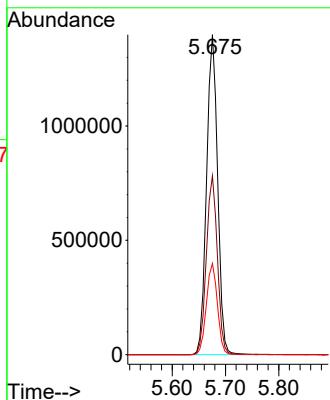
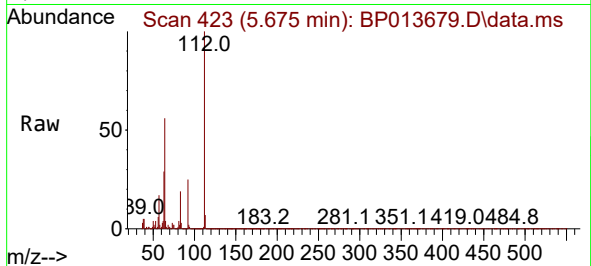




#5
2-Fluorophenol
Concen: 139.465 ng
RT: 5.675 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

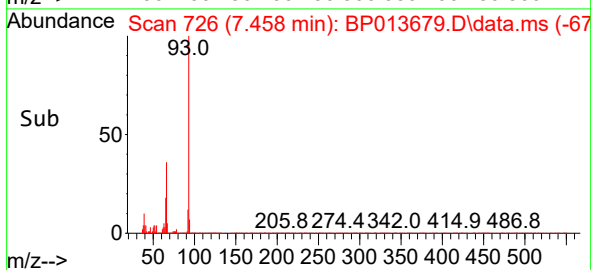
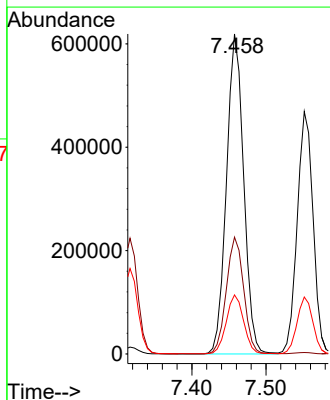
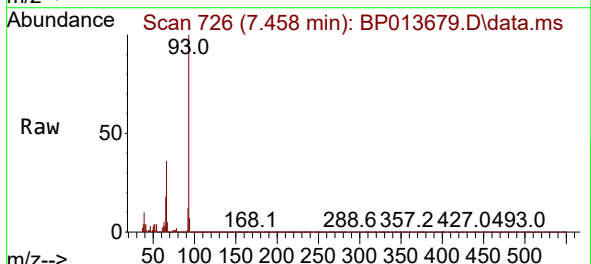
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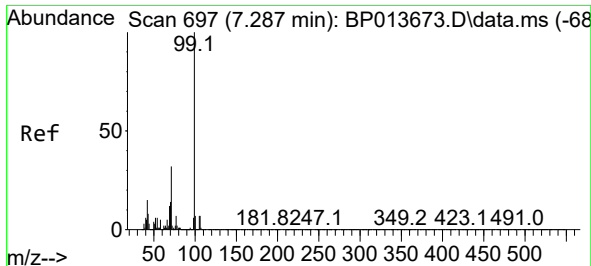
Tgt Ion:112 Resp: 2012144
Ion Ratio Lower Upper
112 100
64 55.9 44.6 67.0
63 28.5 22.6 34.0



#6
Aniline
Concen: 39.808 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 93 Resp: 997503
Ion Ratio Lower Upper
93 100
66 36.5 29.3 43.9
65 18.5 15.1 22.7

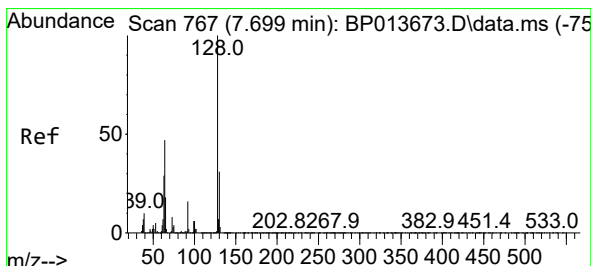
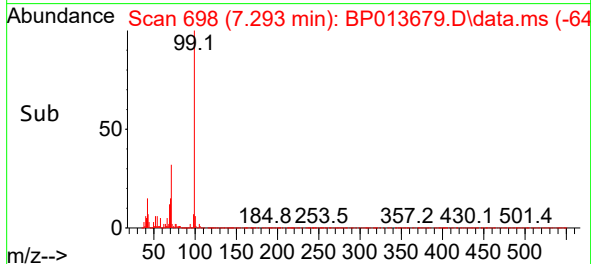
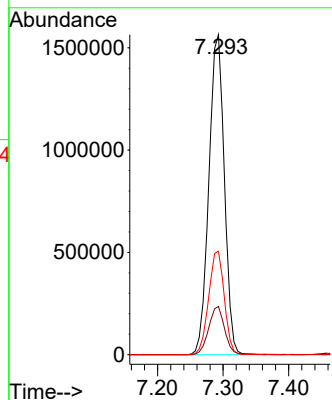
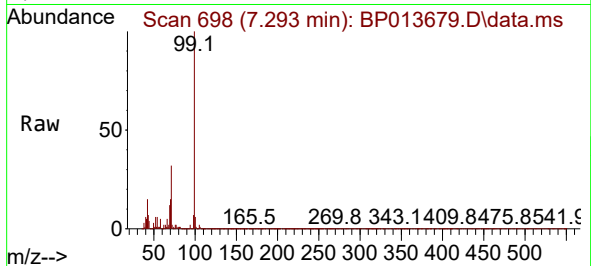




#7
Phenol-d6
Concen: 133.590 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013679.D
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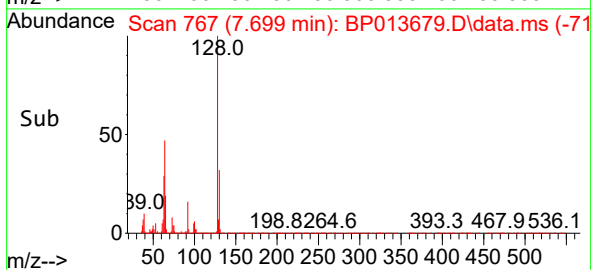
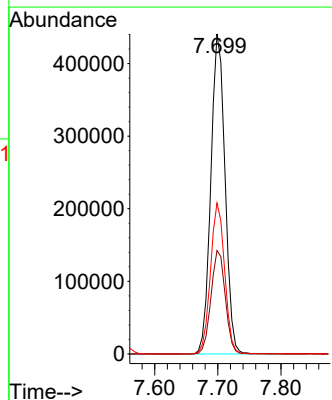
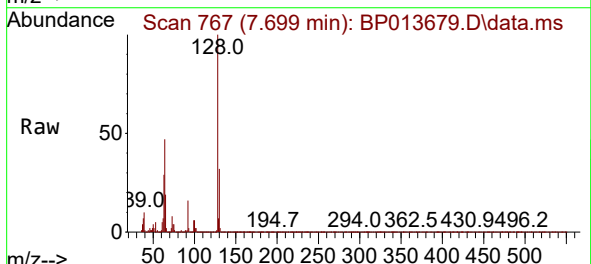
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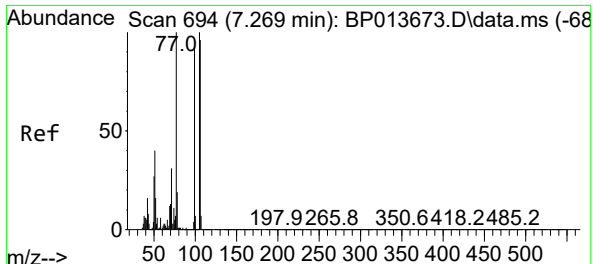
Tgt Ion: 99 Resp: 2567743
Ion Ratio Lower Upper
99 100
42 15.1 11.8 17.6
71 32.4 25.6 38.4



#8
2-Chlorophenol
Concen: 45.240 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 128 Resp: 687153
Ion Ratio Lower Upper
128 100
130 32.3 10.8 50.8
64 47.2 26.9 66.9

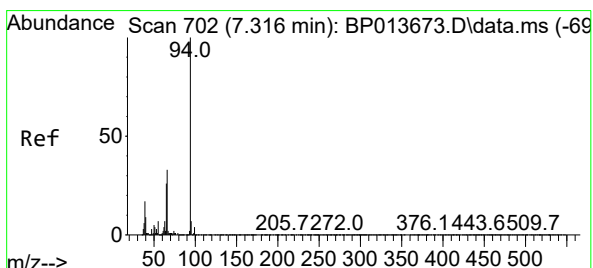
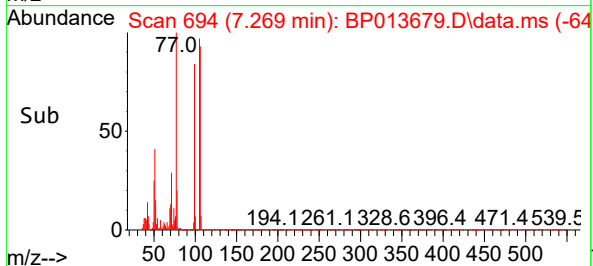
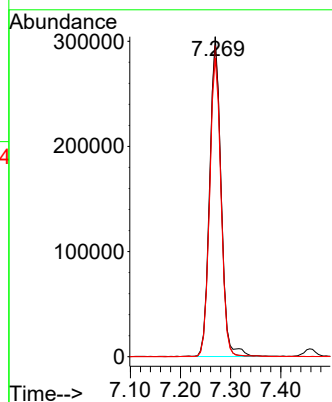
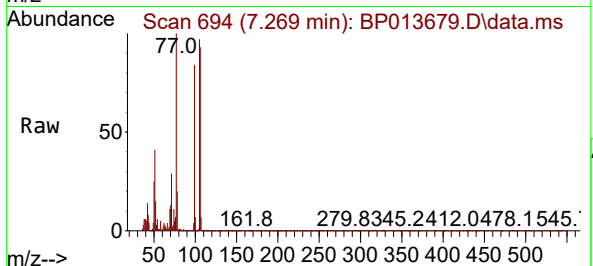




#9
Benzaldehyde
Concen: 55.481 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
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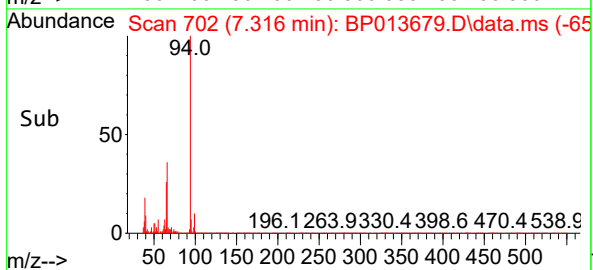
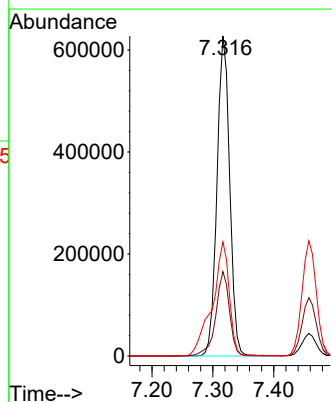
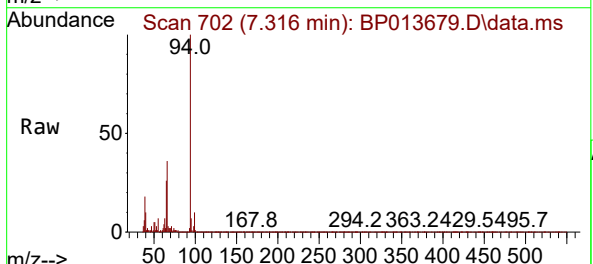
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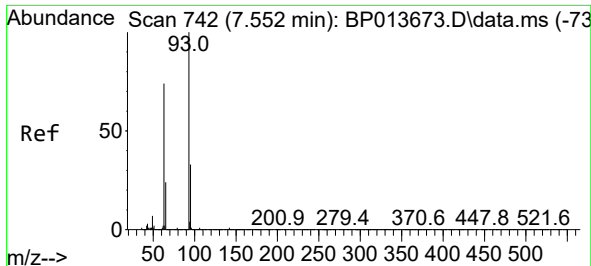
Tgt Ion: 77 Resp: 482572
Ion Ratio Lower Upper
77 100
105 97.2 80.4 120.4
106 93.4 76.7 116.7



#10
Phenol
Concen: 45.201 ng
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 94 Resp: 907613
Ion Ratio Lower Upper
94 100
65 26.3 6.0 46.0
66 35.7 13.1 53.1

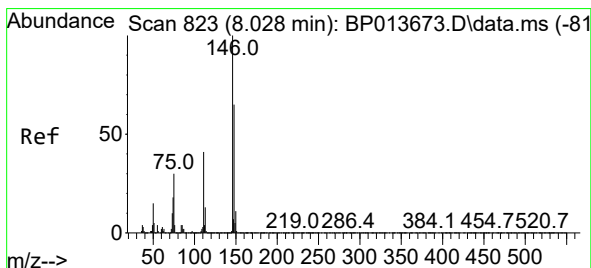
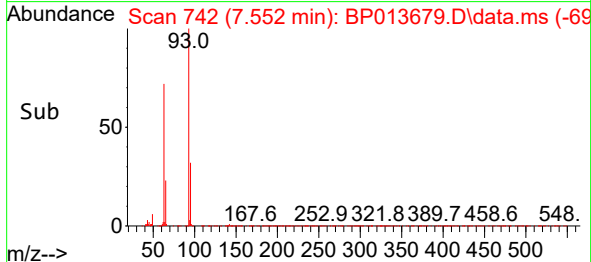
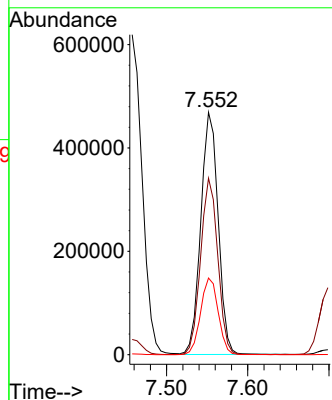
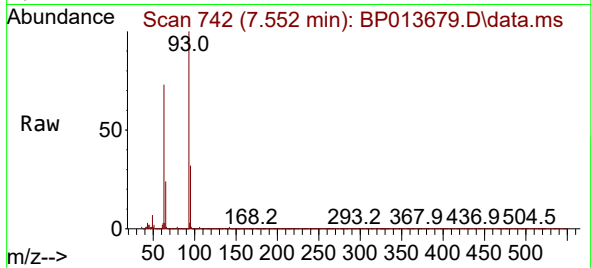




#11
bis(2-Chloroethyl)ether
Concen: 43.437 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

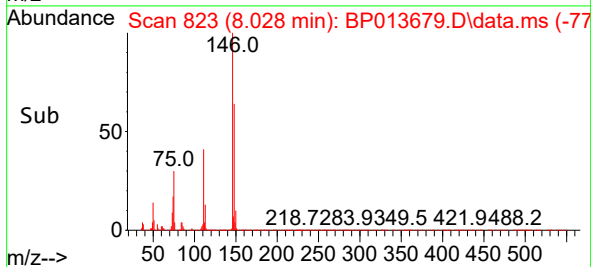
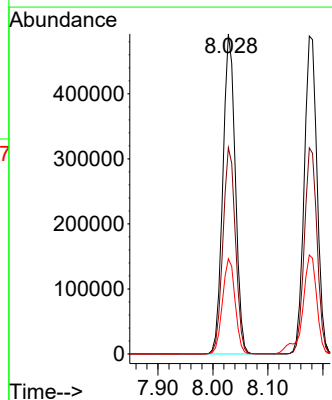
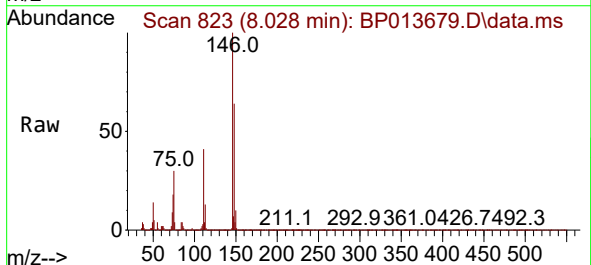
Instrument :
BNA_P
ClientSampleId :
PB150555BS

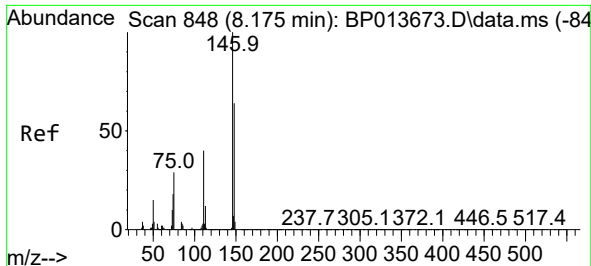
Tgt Ion: 93 Resp: 696728
Ion Ratio Lower Upper
93 100
63 72.8 53.7 93.7
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.159 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:146 Resp: 772670
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 29.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 45.643 ng

RT: 8.175 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

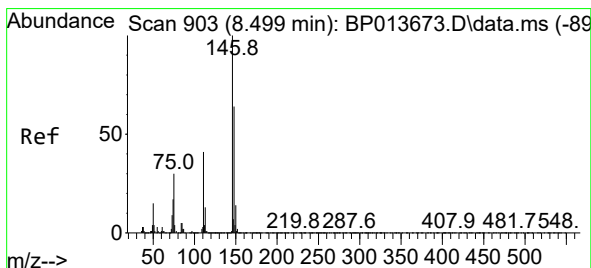
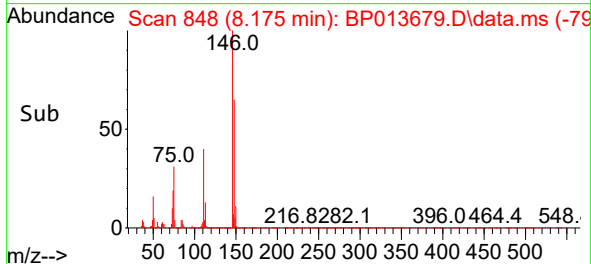
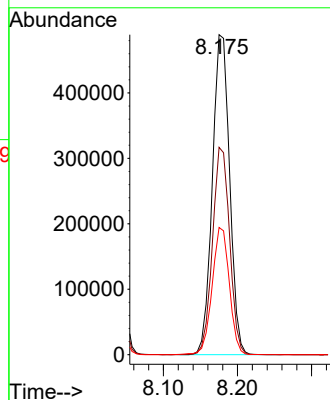
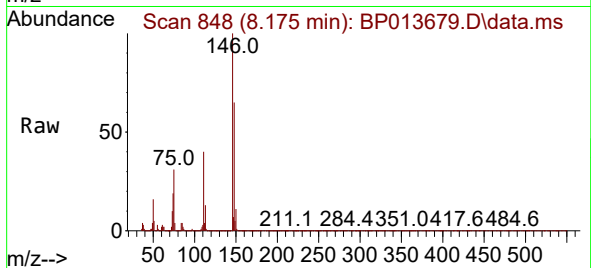
Tgt Ion:146 Resp: 790161

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

111 39.7 32.0 48.0



#14

1,2-Dichlorobenzene

Concen: 45.562 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

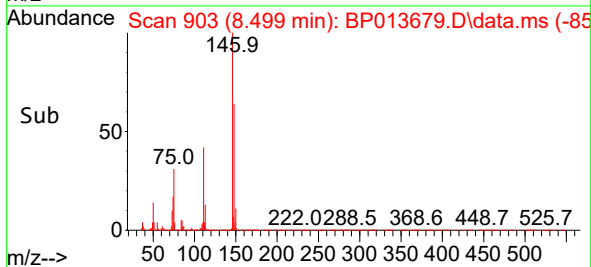
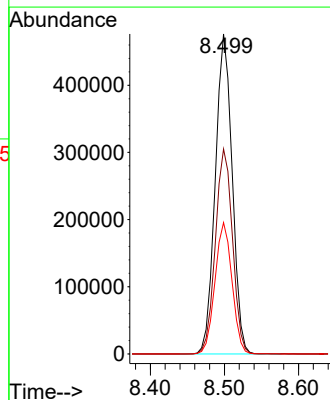
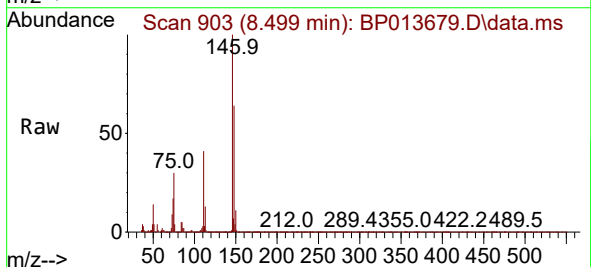
Tgt Ion:146 Resp: 754765

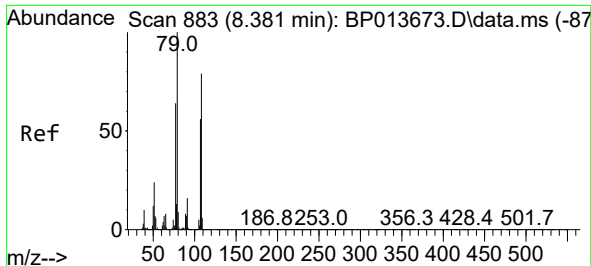
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 41.1 32.8 49.2

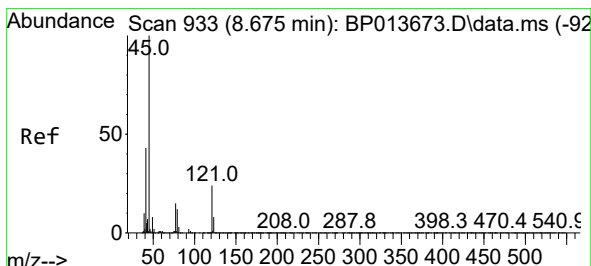
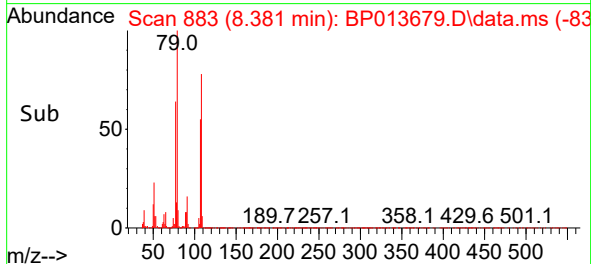
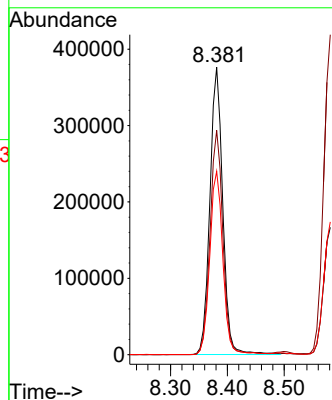
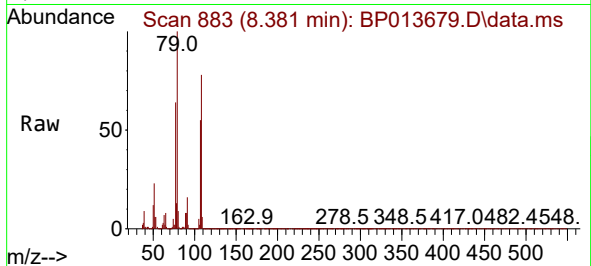




#15
Benzyl Alcohol
Concen: 43.357 ng
RT: 8.381 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

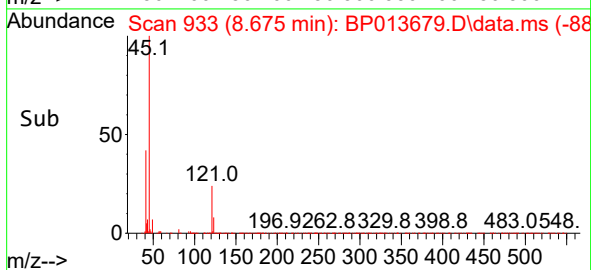
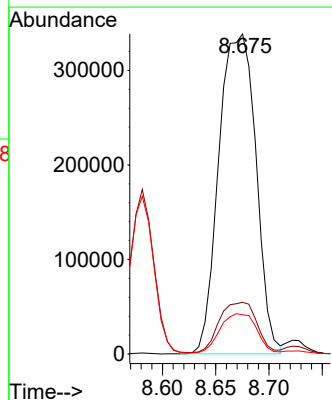
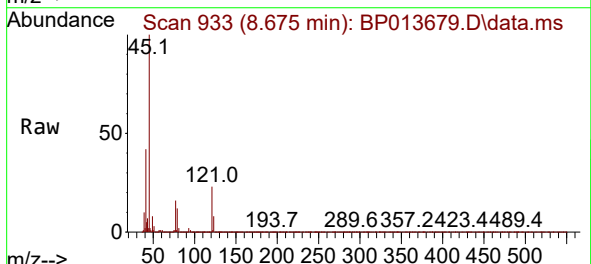
Instrument :
BNA_P
ClientSampleId :
PB150555BS

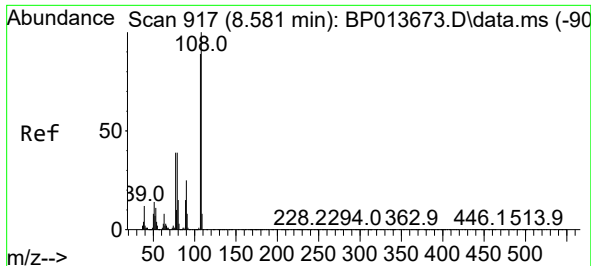
Tgt Ion: 79 Resp: 590111
Ion Ratio Lower Upper
79 100
108 78.0 62.9 94.3
77 63.8 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.724 ng
RT: 8.675 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 45 Resp: 819095
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 12.3 0.0 33.4

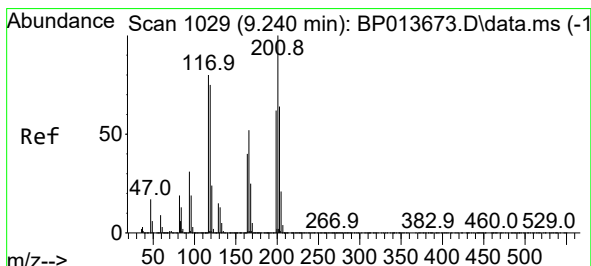
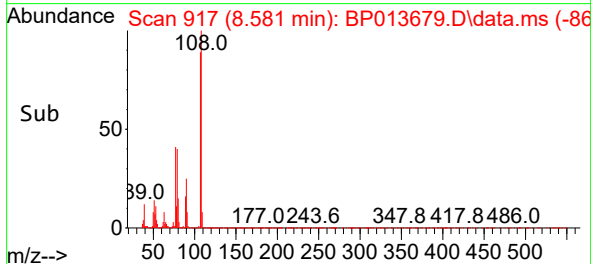
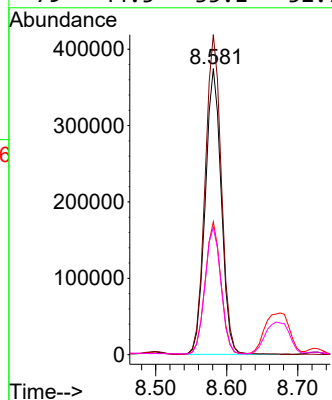
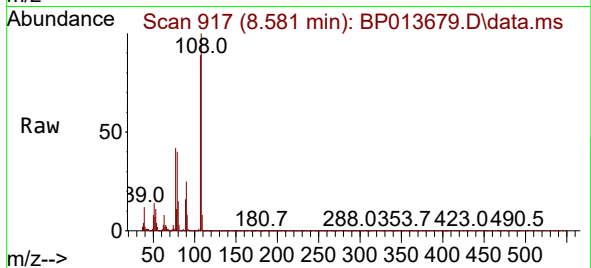




#17
2-Methylphenol
Concen: 41.639 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

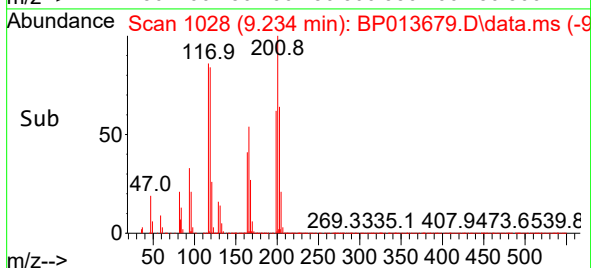
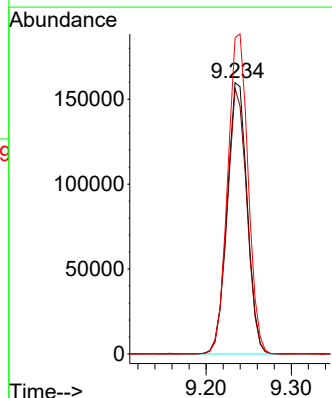
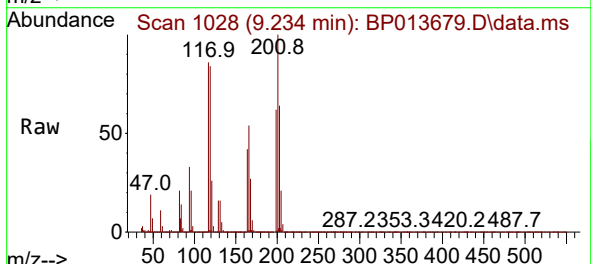
Instrument :
BNA_P
ClientSampleId :
PB150555BS

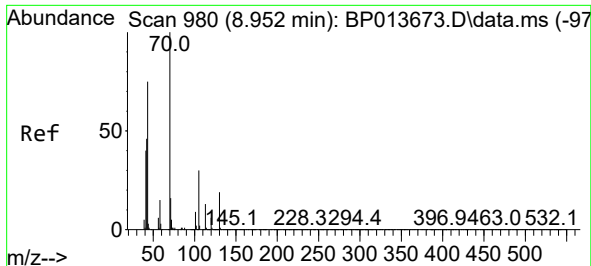
Tgt Ion:	107	Resp:	585903
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	46.4	35.7	53.5
79	44.5	35.1	52.7



#18
Hexachloroethane
Concen: 45.932 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:	117	Resp:	262203
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.4
201	116.6	100.4	150.6



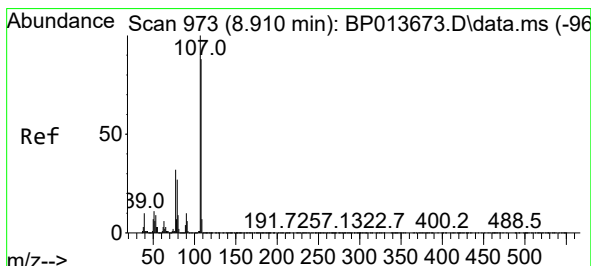
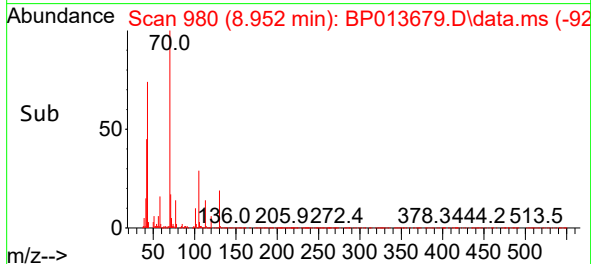
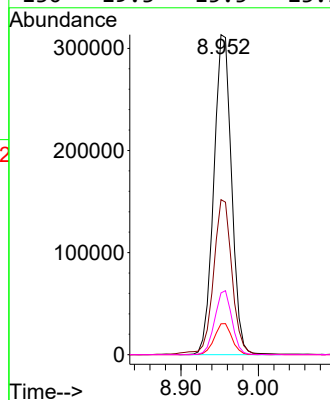
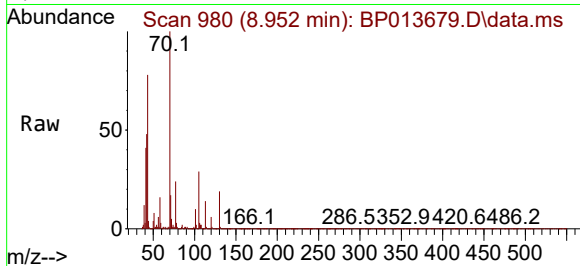


#19
n-Nitroso-di-n-propylamine
Concen: 41.420 ng
RT: 8.952 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Instrument :
BNA_P
ClientSampleId :
PB150555BS

Tgt Ion: 70 Resp: 499506

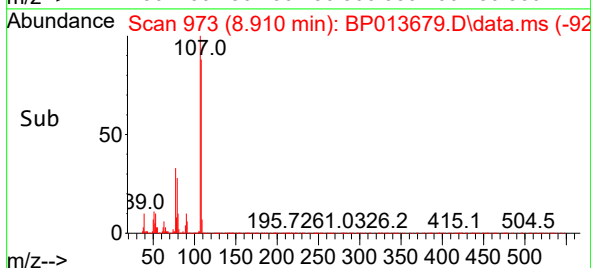
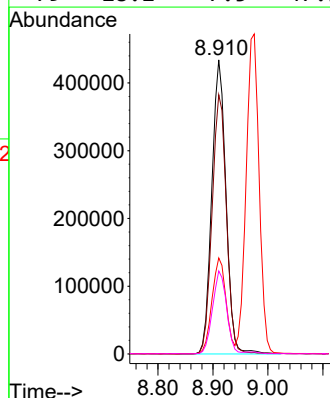
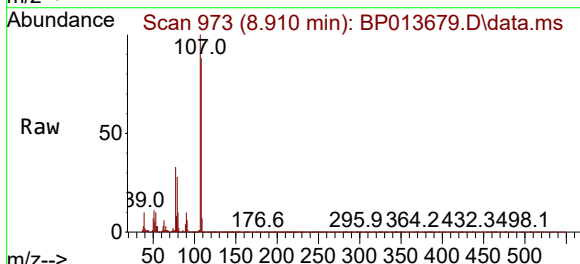
Ion	Ratio	Lower	Upper
70	100		
42	48.4	37.2	55.8
101	9.7	7.4	11.2
130	19.3	15.5	23.3

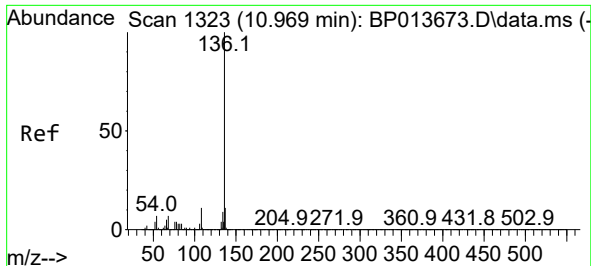


#20
3+4-Methylphenols
Concen: 40.488 ng
RT: 8.910 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 107 Resp: 777195

Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.7	107.7
77	32.6	12.0	52.0
79	28.2	7.5	47.5

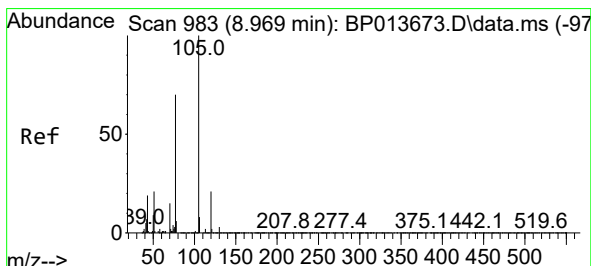
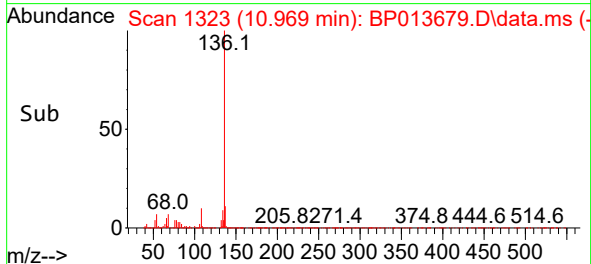
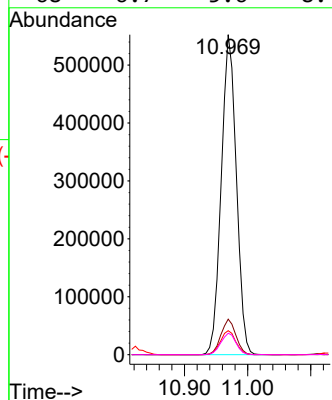
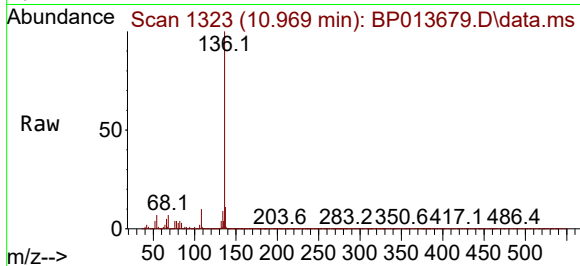




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

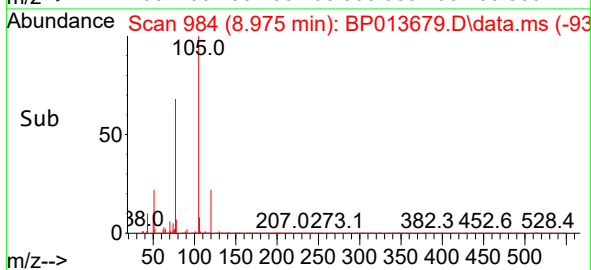
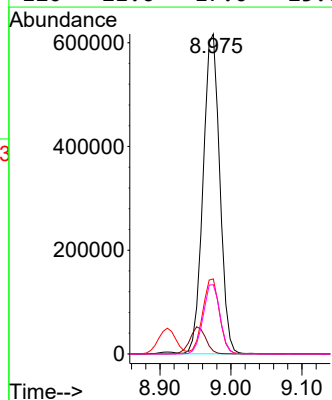
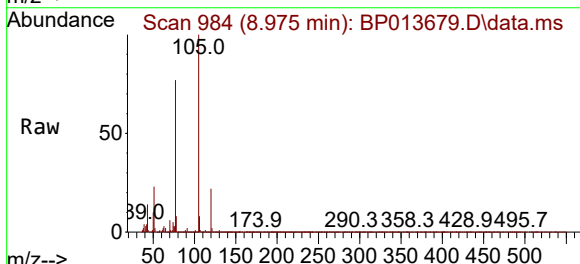
Instrument :
BNA_P
ClientSampleId :
PB150555BS

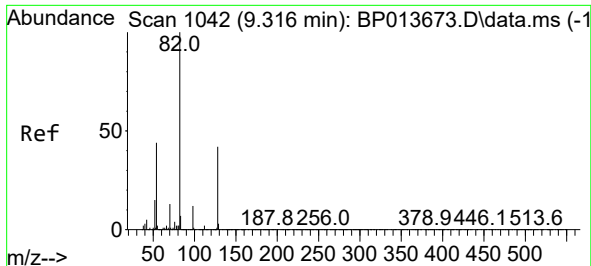
Tgt Ion:	136	Resp:	914215
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.0	9.0
68	6.7	5.6	8.4



#22
Acetophenone
Concen: 42.228 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:	105	Resp:	1006735
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.2	3.2#
51	23.5	18.6	27.8
120	21.6	17.0	25.6

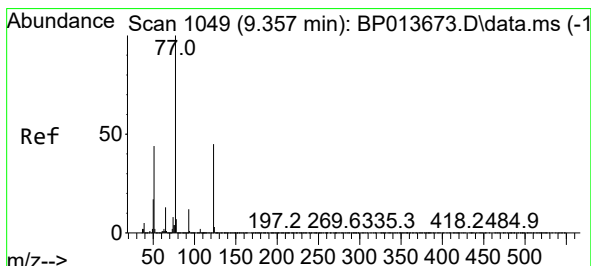
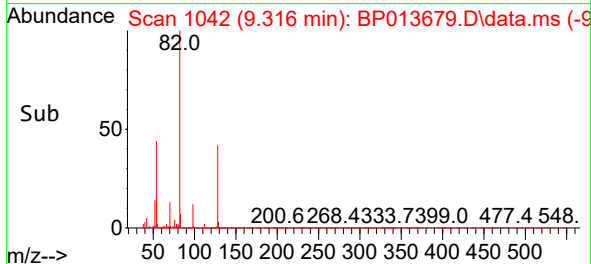
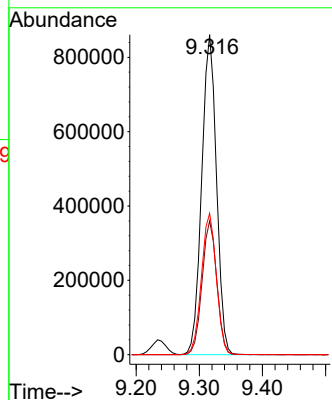
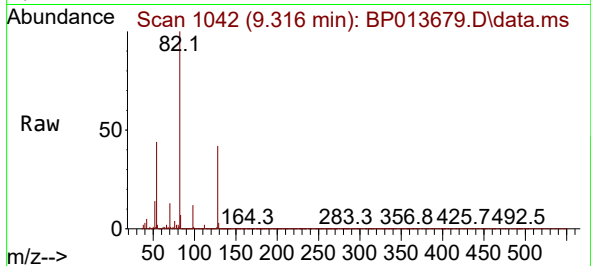




#23
Nitrobenzene-d5
Concen: 88.773 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

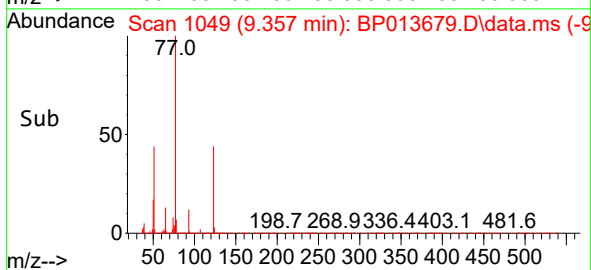
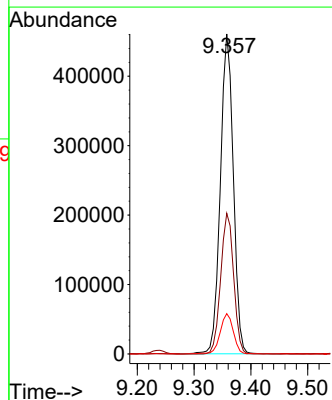
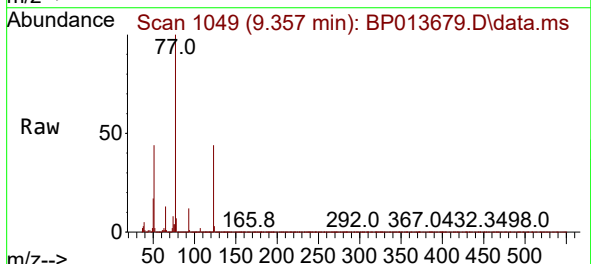
Instrument :
BNA_P
ClientSampleId :
PB150555BS

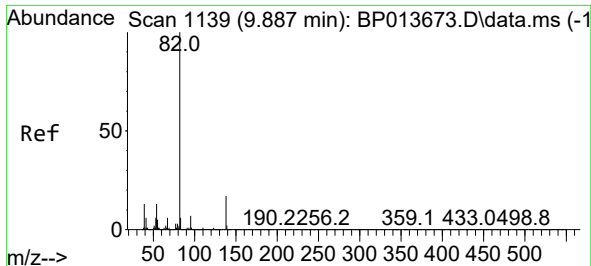
Tgt Ion: 82 Resp: 1395184
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 44.2 35.4 53.0



#24
Nitrobenzene
Concen: 42.885 ng
RT: 9.357 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 77 Resp: 731057
Ion Ratio Lower Upper
77 100
123 43.9 35.9 53.9
65 12.6 10.2 15.4

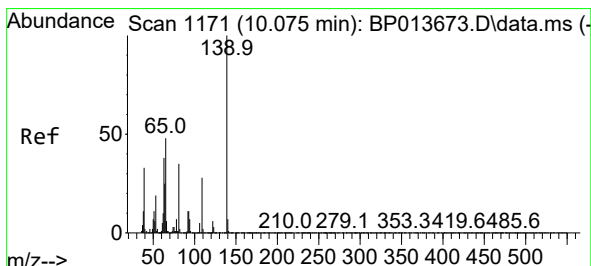
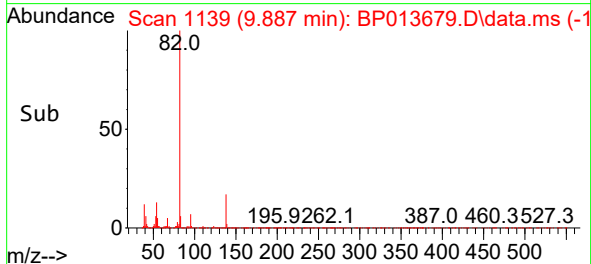
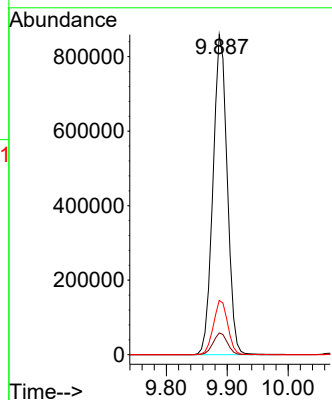
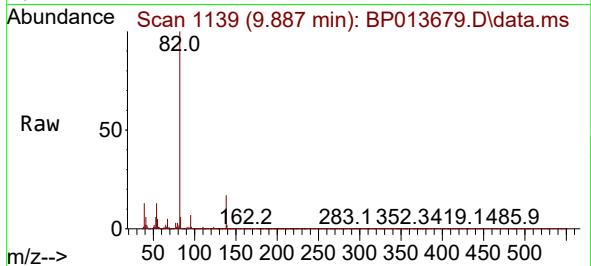




#25
Isophorone
Concen: 39.984 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

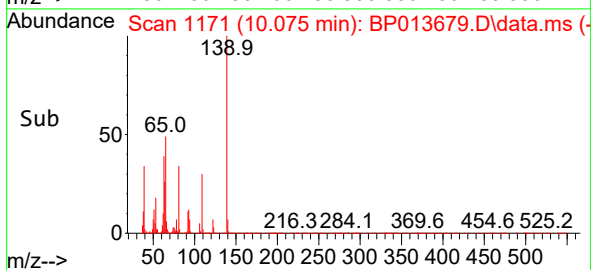
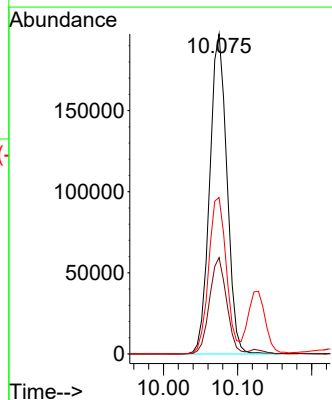
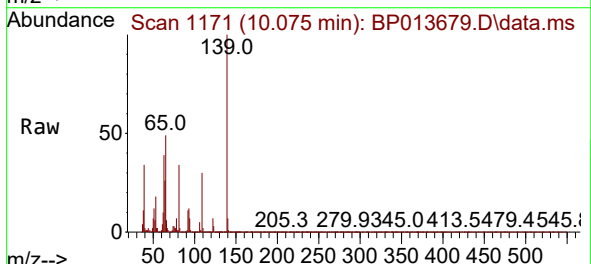
Instrument :
BNA_P
ClientSampleId :
PB150555BS

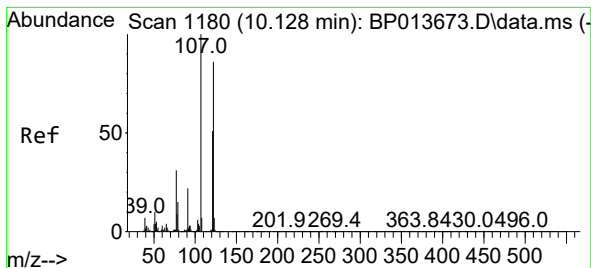
Tgt Ion: 82 Resp: 1392808
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.0 13.9 20.9



#26
2-Nitrophenol
Concen: 40.834 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 139 Resp: 318886
Ion Ratio Lower Upper
139 100
109 30.1 22.7 34.1
65 48.9 38.8 58.2

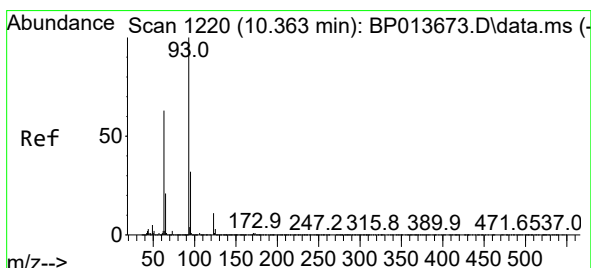
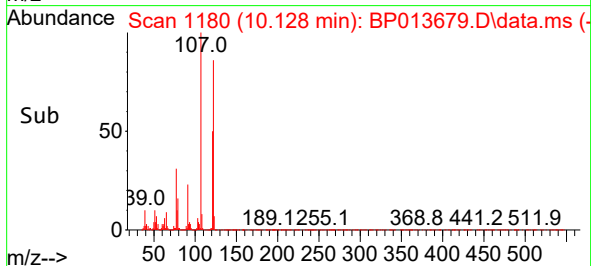
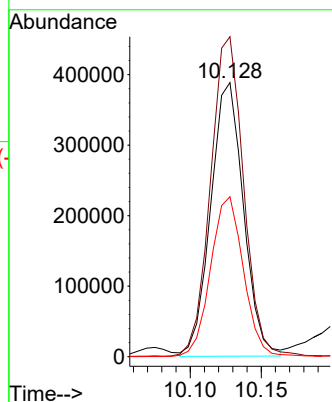
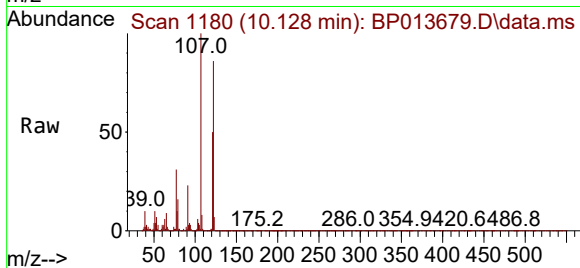




#27
2,4-Dimethylphenol
Concen: 44.270 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

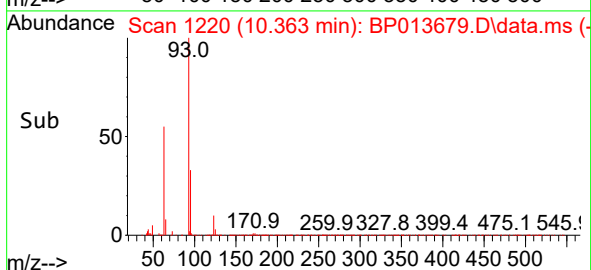
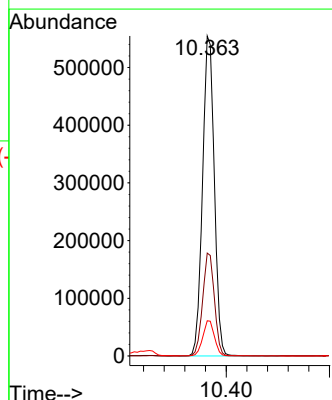
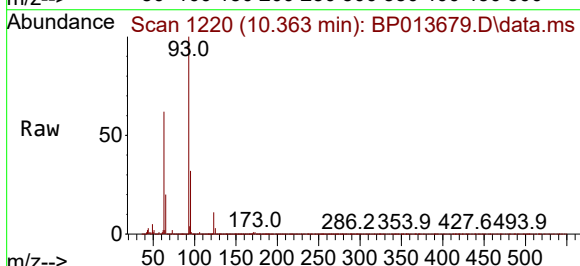
Instrument :
BNA_P
ClientSampleId :
PB150555BS

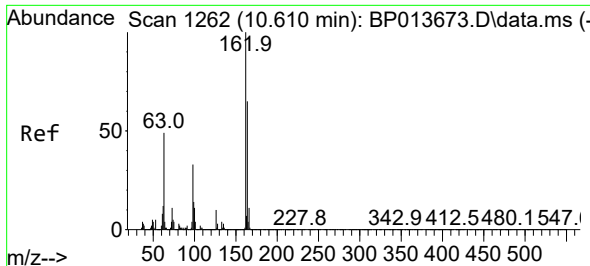
Tgt Ion:122 Resp: 622354
Ion Ratio Lower Upper
122 100
107 116.7 93.0 139.6
121 58.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.940 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 93 Resp: 875640
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.0 8.7 13.1

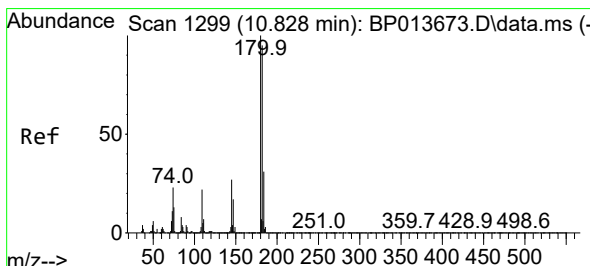
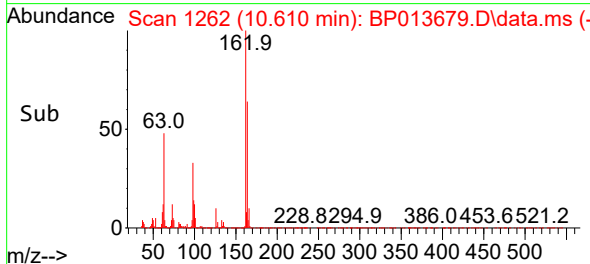
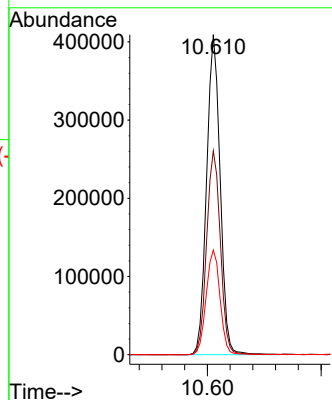
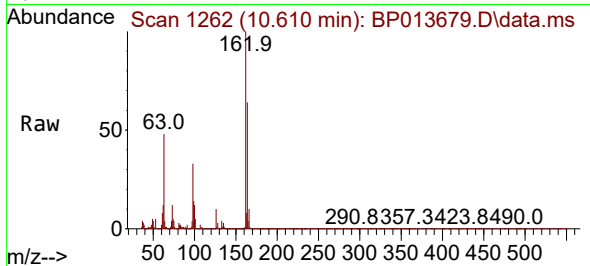




#29
2,4-Dichlorophenol
Concen: 44.054 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

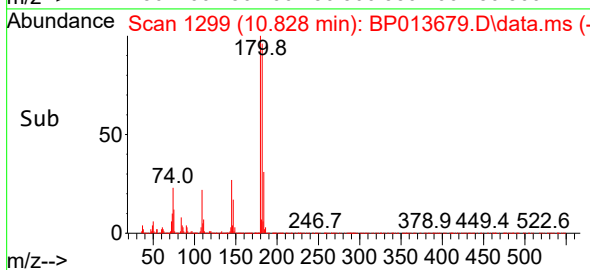
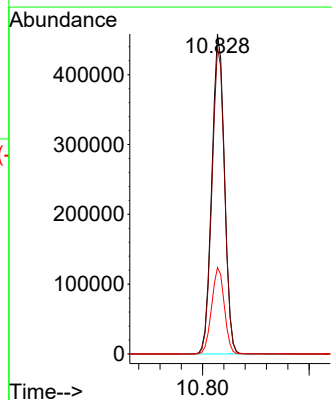
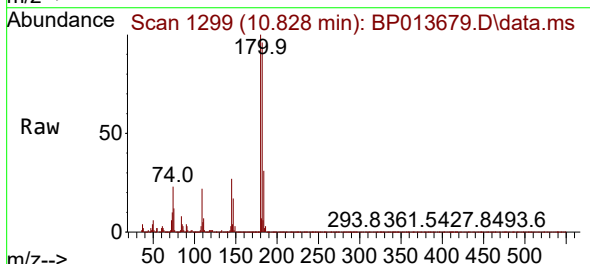
Instrument :
BNA_P
ClientSampleId :
PB150555BS

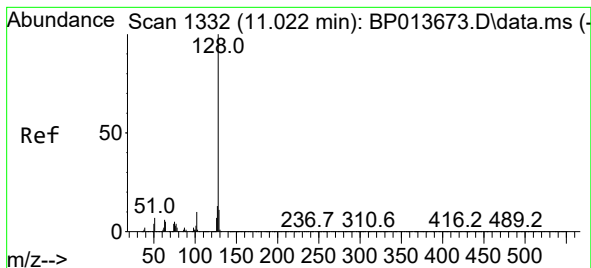
Tgt Ion:162 Resp: 674082
Ion Ratio Lower Upper
162 100
164 63.7 44.8 84.8
98 32.7 13.4 53.4



#30
1,2,4-Trichlorobenzene
Concen: 44.398 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:180 Resp: 753792
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 27.0 21.9 32.9





#31

Naphthalene

Concen: 42.066 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

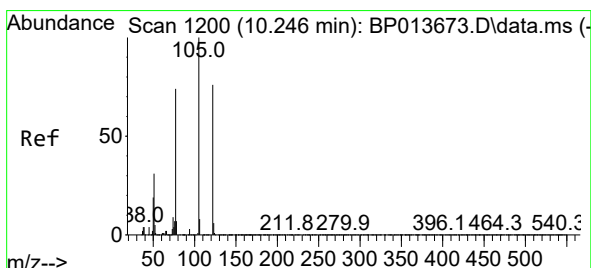
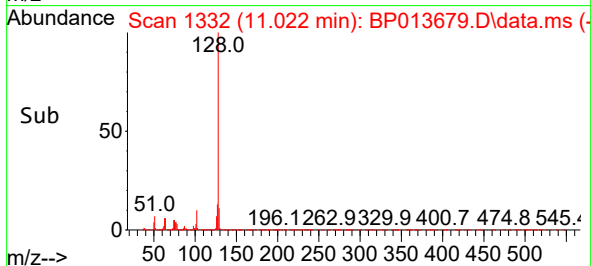
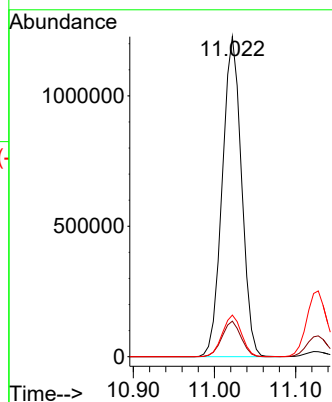
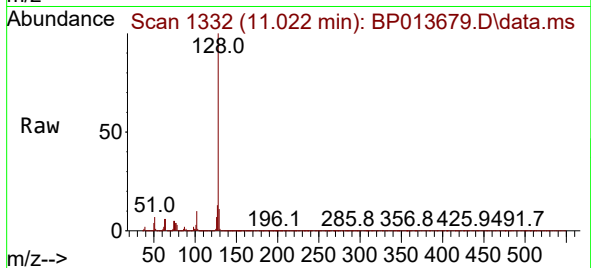
Tgt Ion:128 Resp: 2022099

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 36.900 ng

RT: 10.252 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

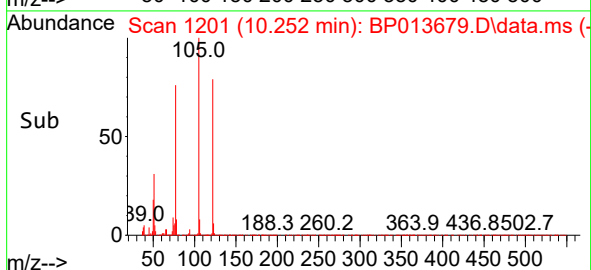
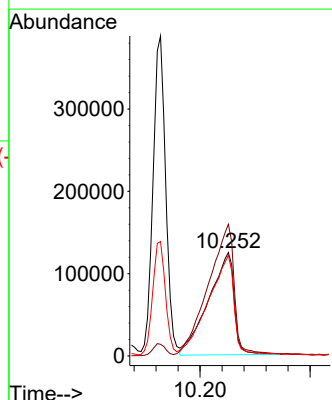
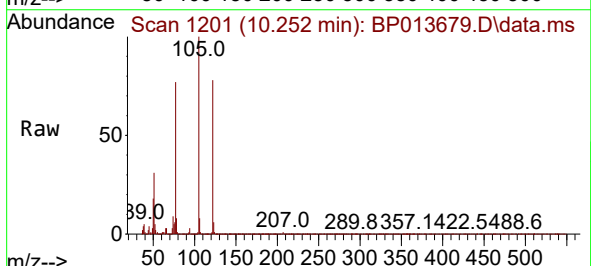
Tgt Ion:122 Resp: 403777

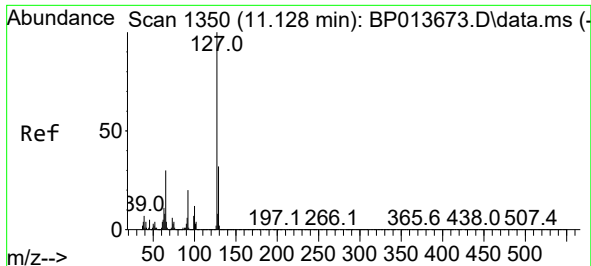
Ion Ratio Lower Upper

122 100

105 127.5 105.5 145.5

77 97.5 74.7 114.7

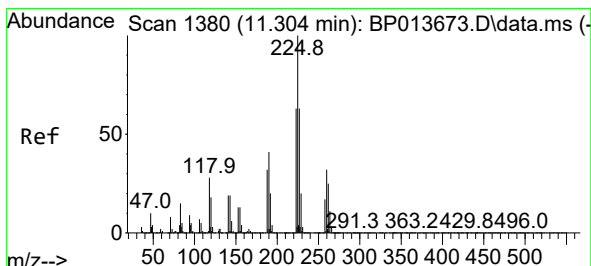
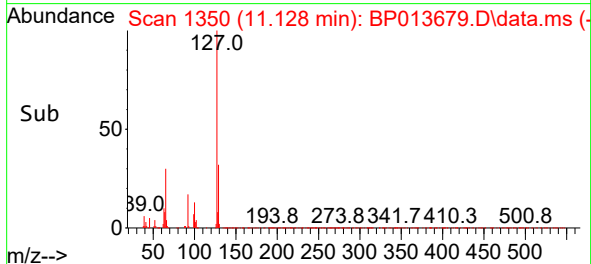
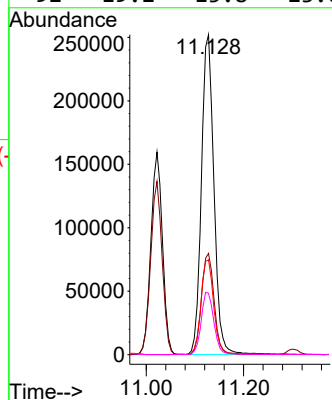
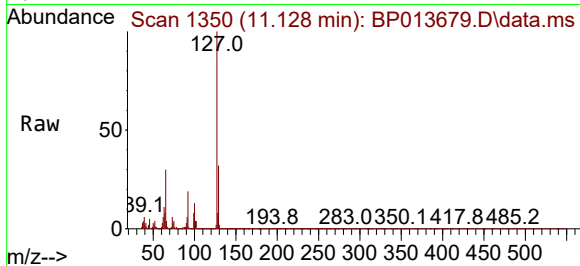




#33
4-Chloroaniline
Concen: 21.304 ng
RT: 11.128 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

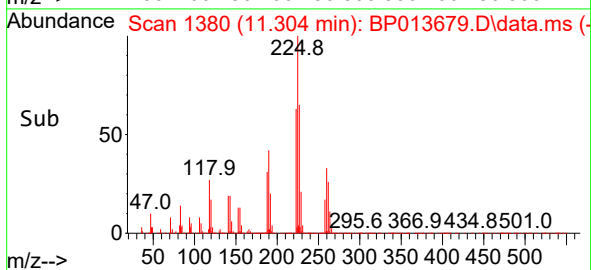
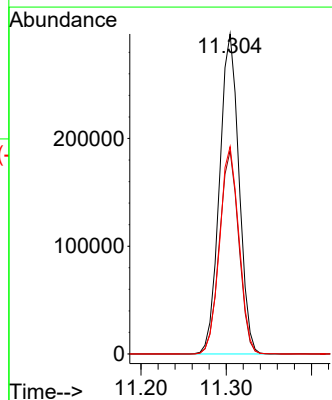
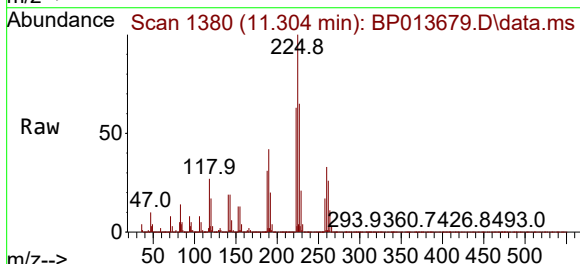
Instrument :
BNA_P
ClientSampleId :
PB150555BS

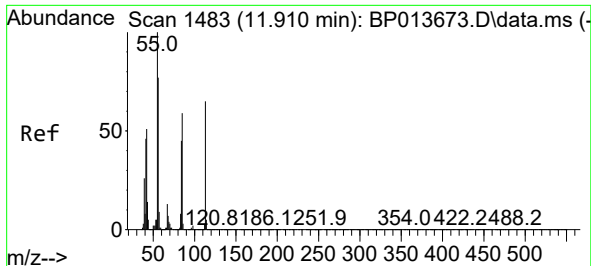
Tgt Ion:	127	Resp:	449978
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	29.7	23.8	35.8
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.619 ng
RT: 11.304 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:	225	Resp:	470092
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.5	75.7
227	64.8	50.6	75.8

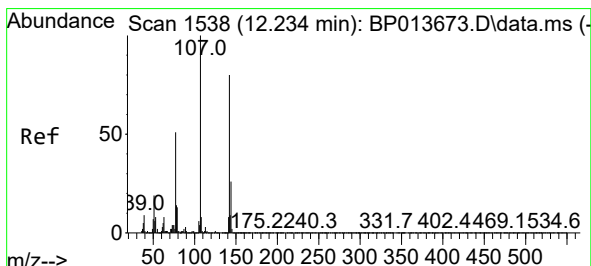
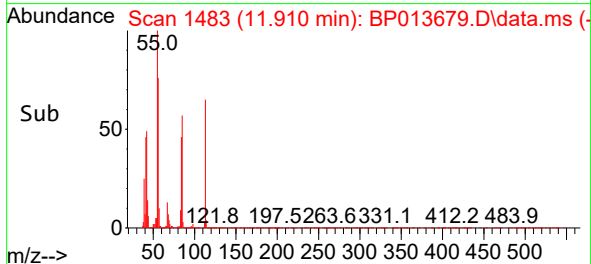
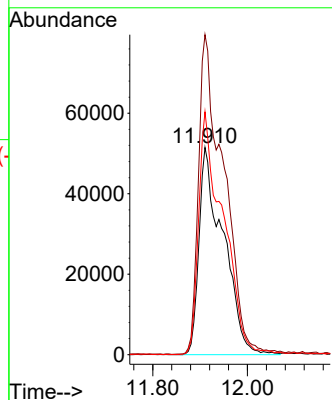
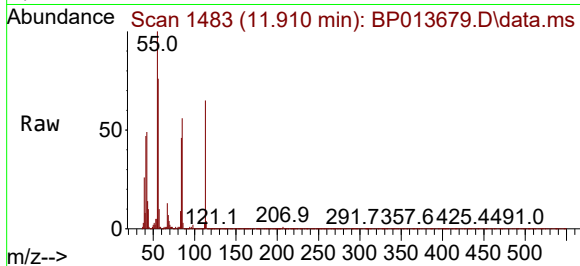




#35
Caprolactam
Concen: 36.312 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

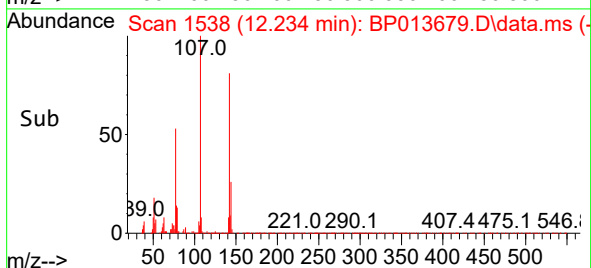
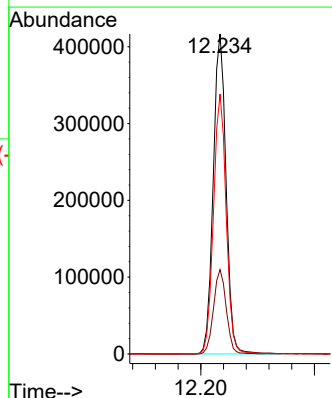
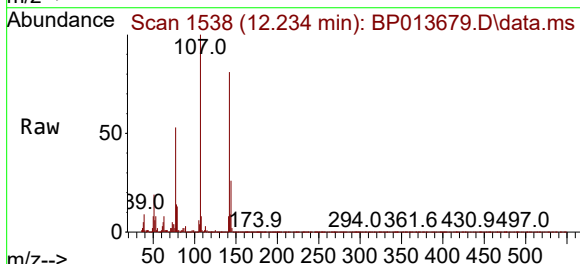
Instrument :
BNA_P
ClientSampleId :
PB150555BS

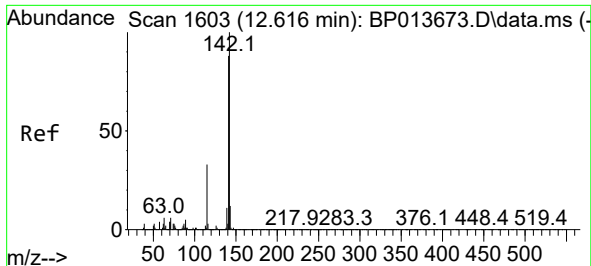
Tgt Ion:113 Resp: 182467
Ion Ratio Lower Upper
113 100
55 154.5 133.0 173.0
56 117.2 97.4 137.4



#36
4-Chloro-3-methylphenol
Concen: 40.337 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:107 Resp: 649241
Ion Ratio Lower Upper
107 100
144 26.4 20.8 31.2
142 81.2 64.0 96.0

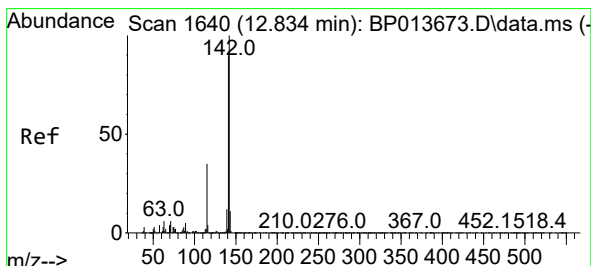
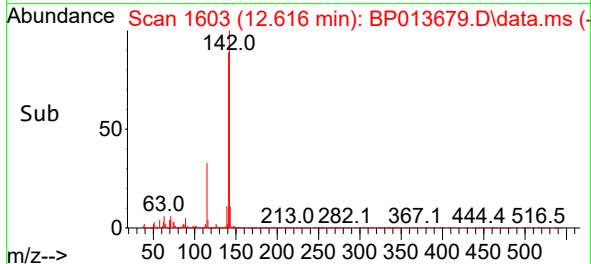
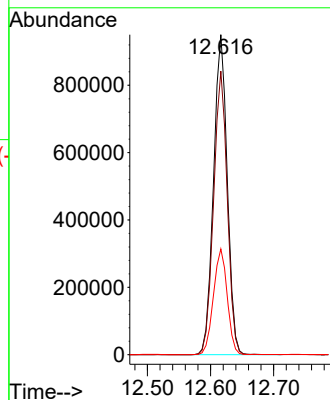
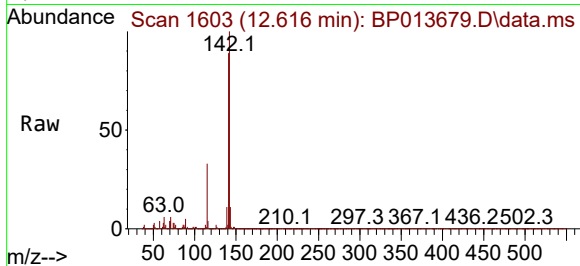




#37
2-Methylnaphthalene
Concen: 39.574 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

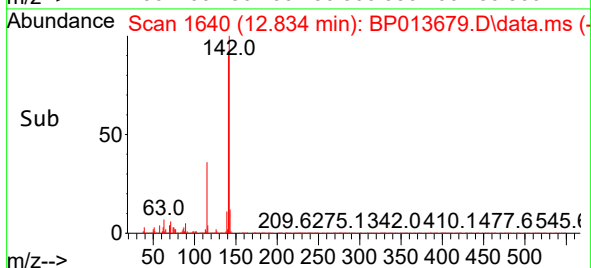
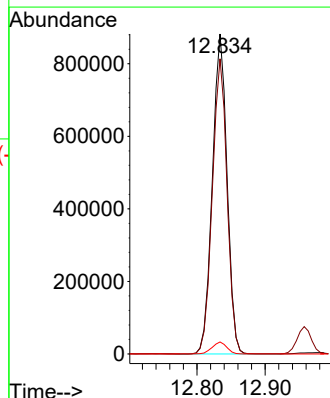
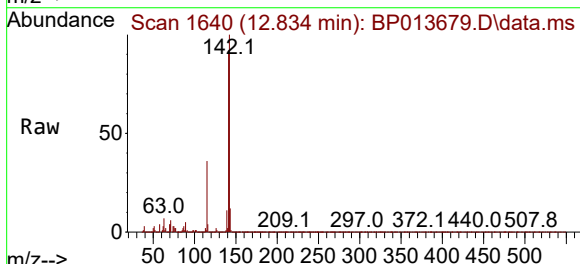
Instrument :
BNA_P
ClientSampleId :
PB150555BS

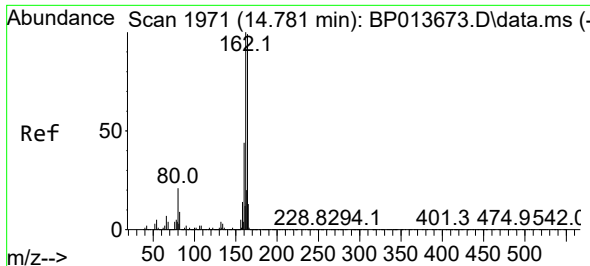
Tgt Ion:142 Resp: 1430372
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 33.1 26.4 39.6



#38
1-Methylnaphthalene
Concen: 38.911 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:142 Resp: 1321106
Ion Ratio Lower Upper
142 100
141 92.2 72.2 108.4
116 3.8 3.0 4.4

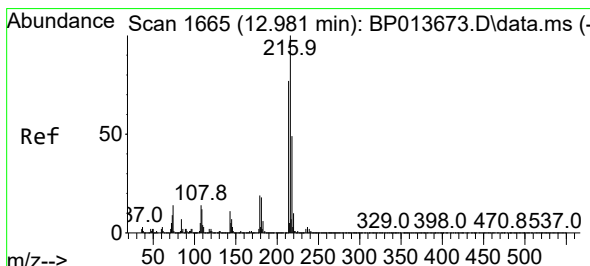
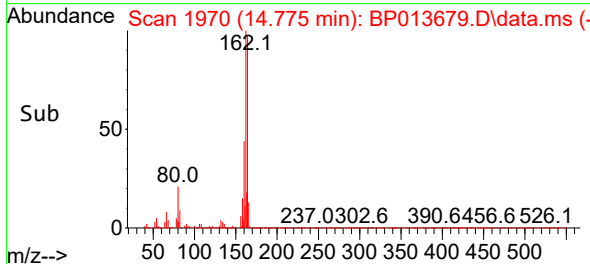
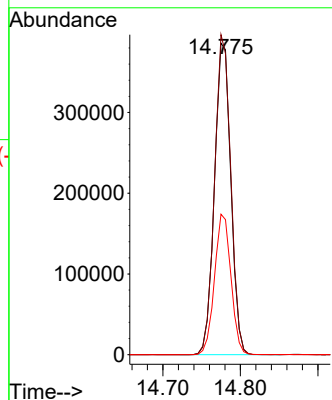
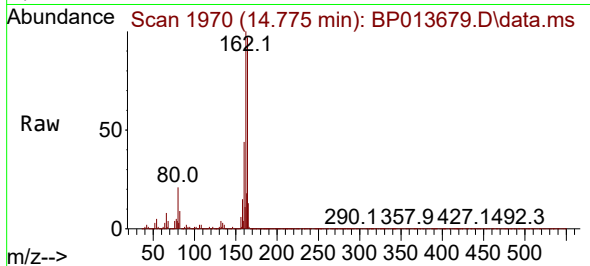




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

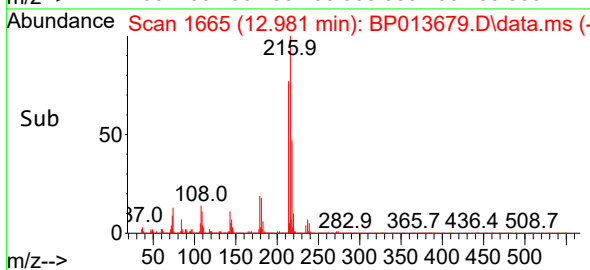
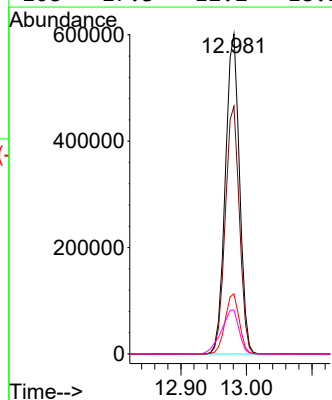
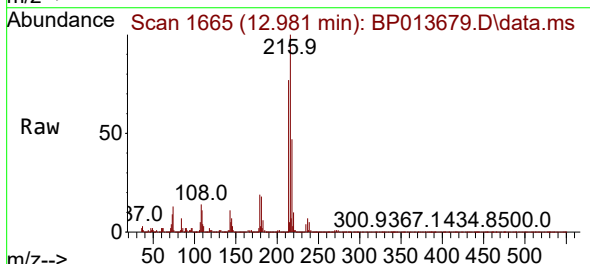
Instrument :
BNA_P
ClientSampleId :
PB150555BS

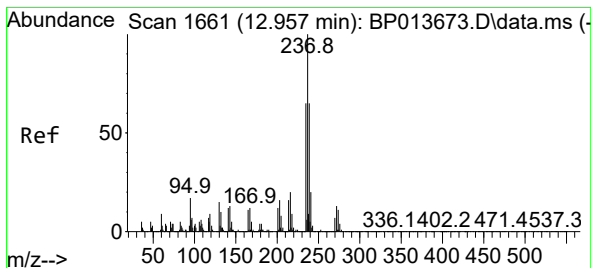
Tgt Ion:164 Resp: 565944
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 45.1 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.421 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:216 Resp: 896916
Ion Ratio Lower Upper
216 100
214 77.7 62.6 94.0
179 18.8 15.2 22.8
108 17.3 12.2 18.2

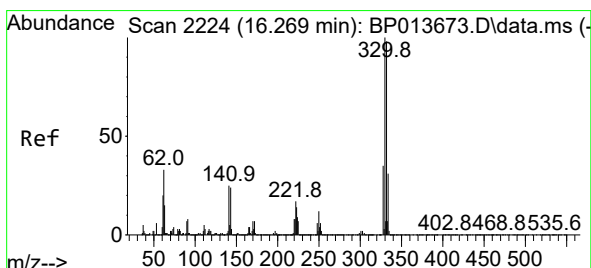
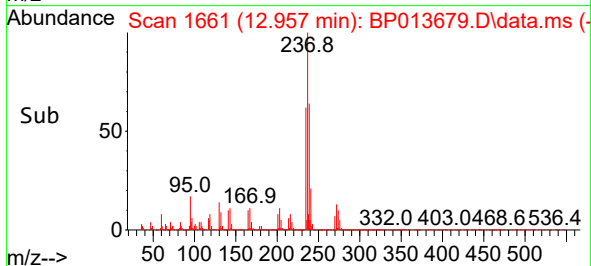
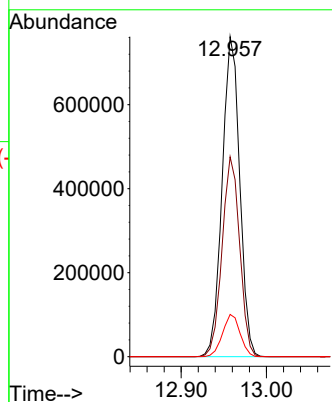
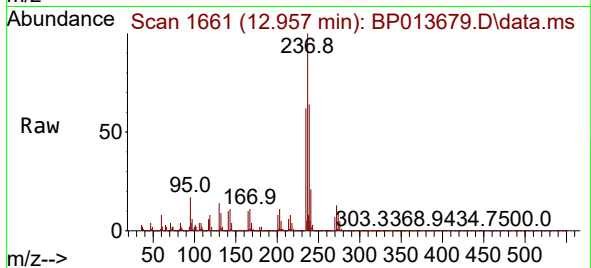




#41
Hexachlorocyclopentadiene
Concen: 123.413 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

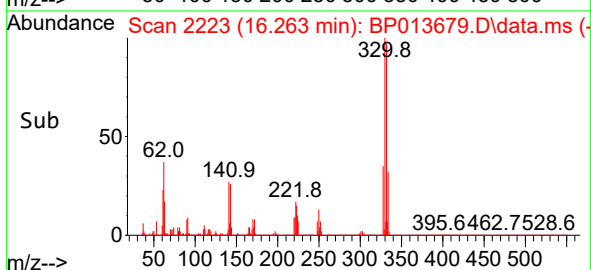
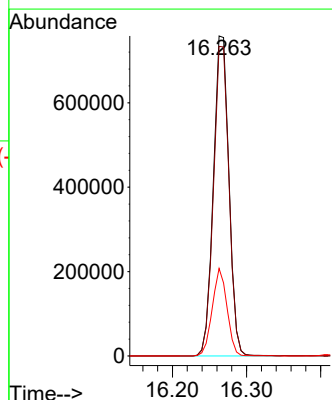
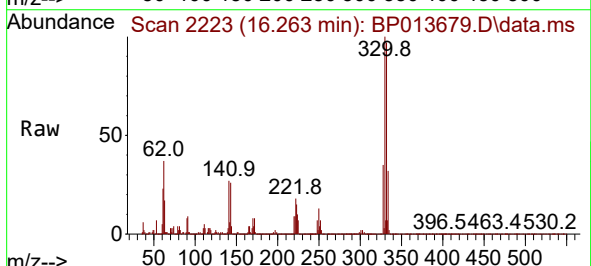
Instrument :
BNA_P
ClientSampleId :
PB150555BS

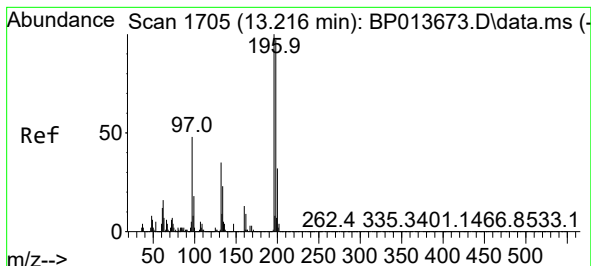
Tgt Ion:237 Resp: 1088350
Ion Ratio Lower Upper
237 100
235 62.5 44.6 84.6
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 130.106 ng
RT: 16.263 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:330 Resp: 1104406
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 25.9 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 44.588 ng

RT: 13.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

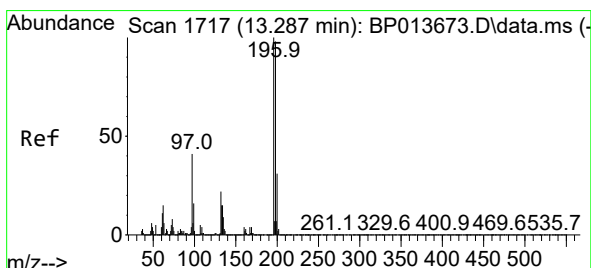
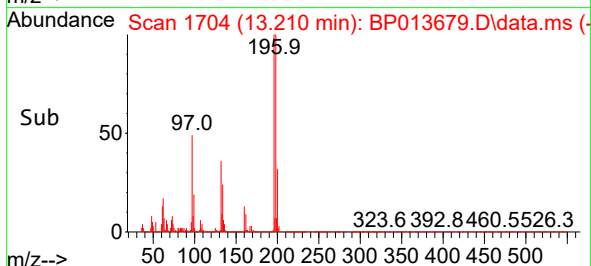
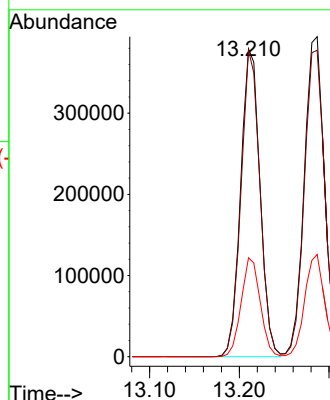
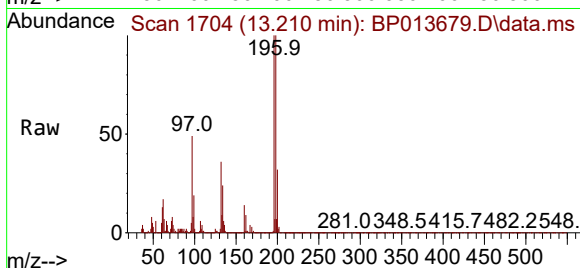
Tgt Ion:196 Resp: 567286

Ion Ratio Lower Upper

196 100

198 99.5 77.5 116.3

200 32.1 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 41.714 ng

RT: 13.287 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Tgt Ion:196 Resp: 621380

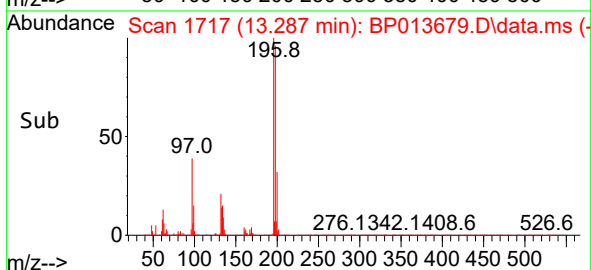
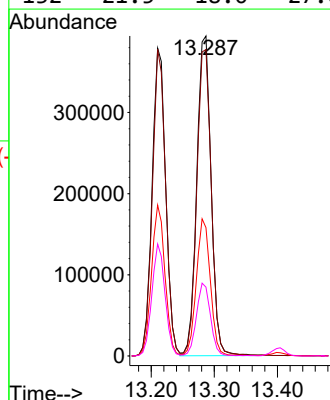
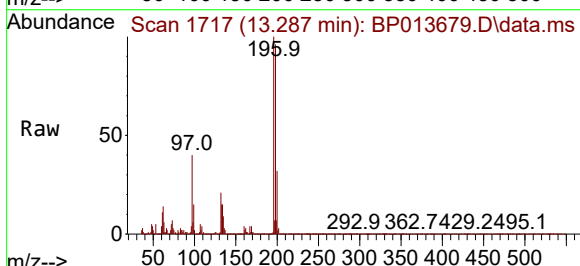
Ion Ratio Lower Upper

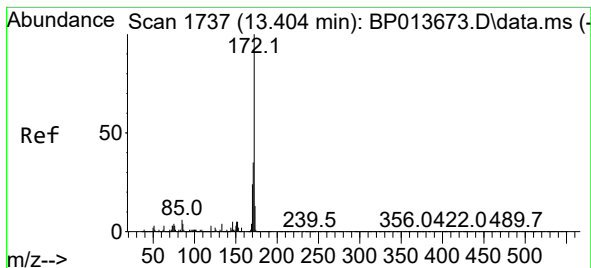
196 100

198 95.7 78.2 117.2

97 40.1 33.2 49.8

132 21.5 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 90.281 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

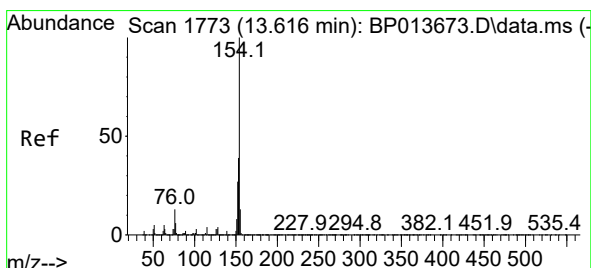
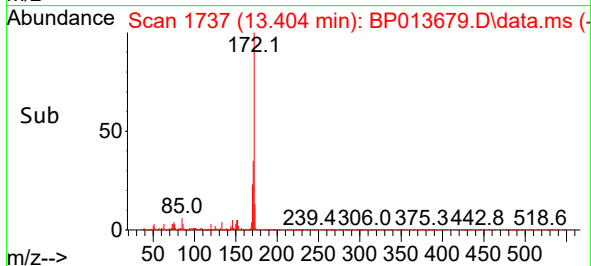
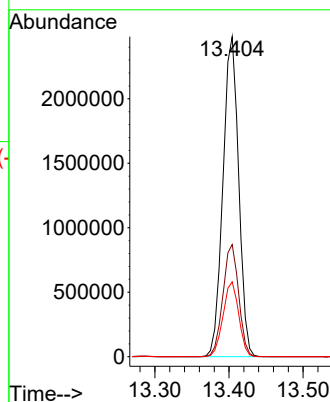
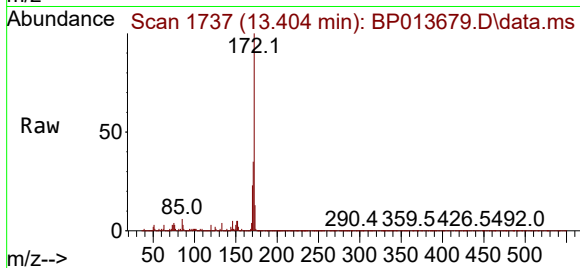
Tgt Ion:172 Resp: 3651471

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.107 ng

RT: 13.616 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

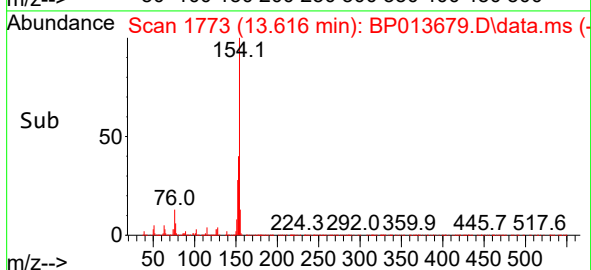
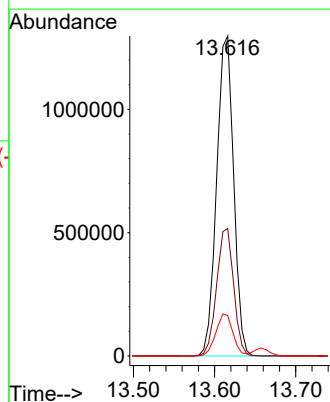
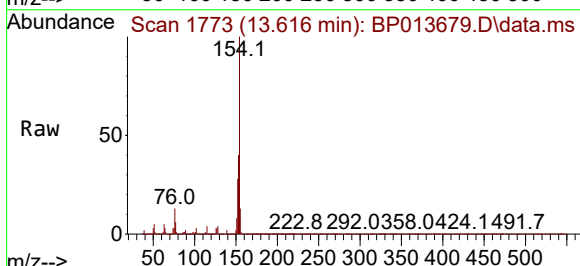
Tgt Ion:154 Resp: 1888977

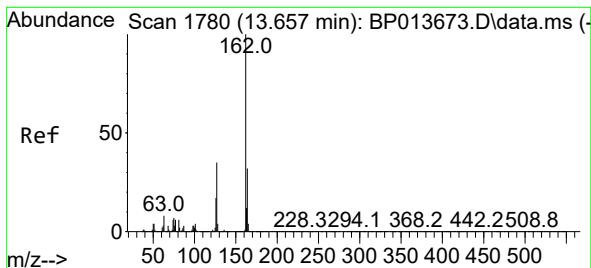
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 12.7 0.0 33.1

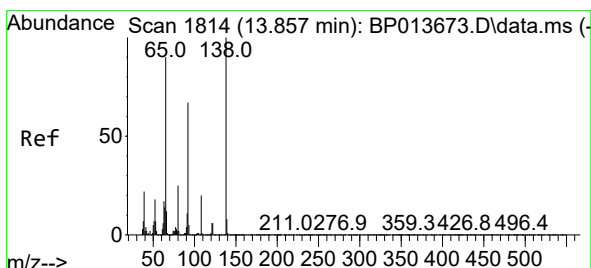
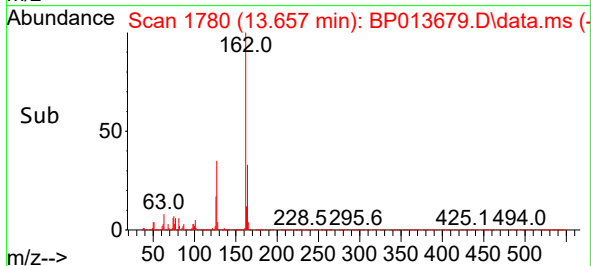
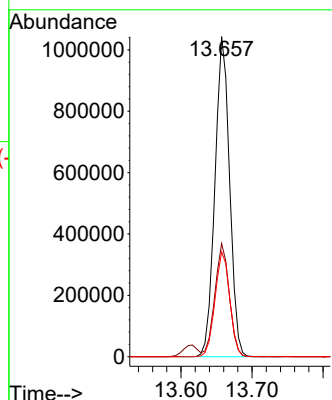
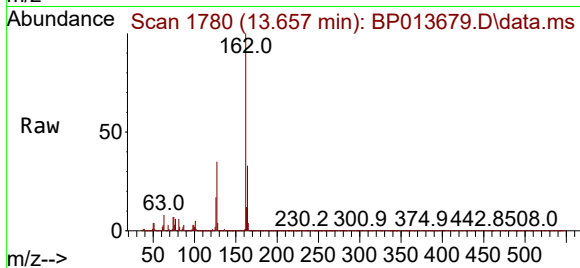




#47
2-Chloronaphthalene
Concen: 45.095 ng
RT: 13.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

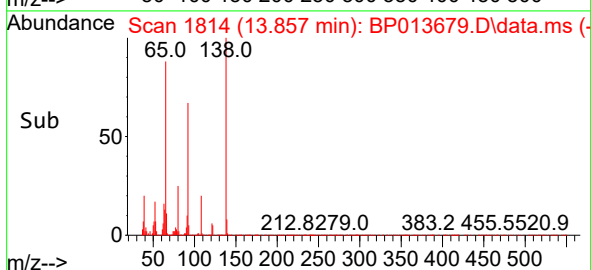
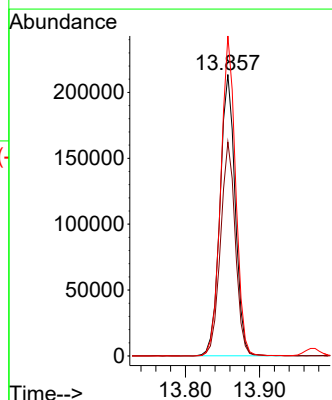
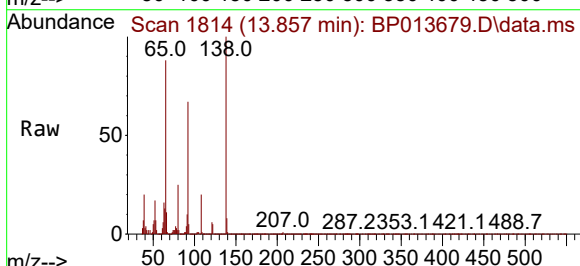
Instrument :
BNA_P
ClientSampleId :
PB150555BS

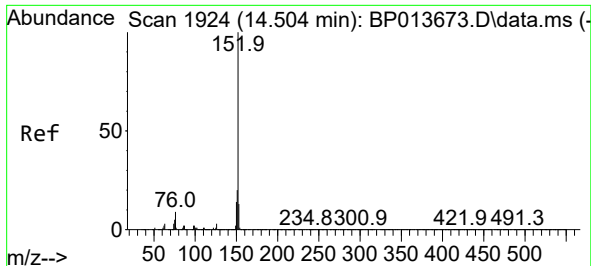
Tgt Ion:162 Resp: 1492823
Ion Ratio Lower Upper
162 100
127 35.4 28.3 42.5
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 37.626 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion: 65 Resp: 303932
Ion Ratio Lower Upper
65 100
92 76.0 59.4 89.0
138 113.7 88.6 133.0

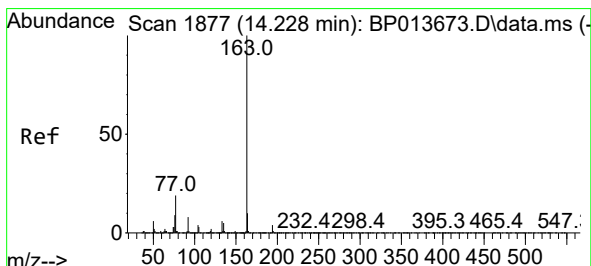
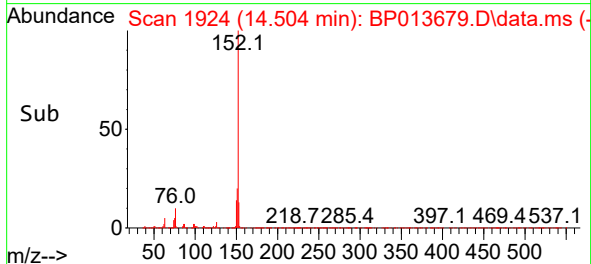
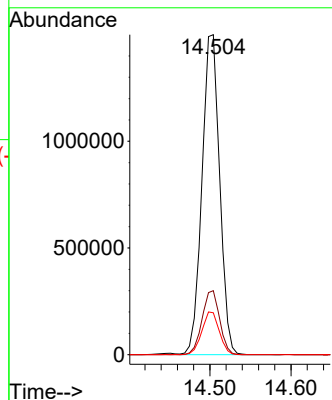
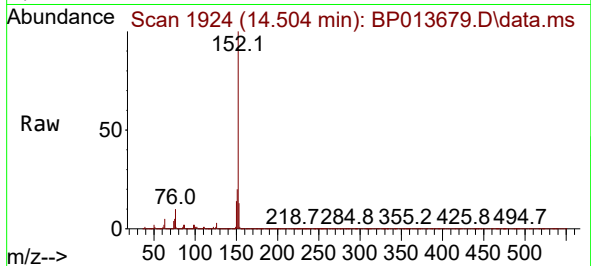




#49
Acenaphthylene
Concen: 42.420 ng
RT: 14.504 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

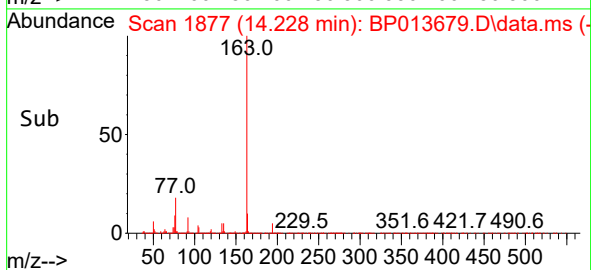
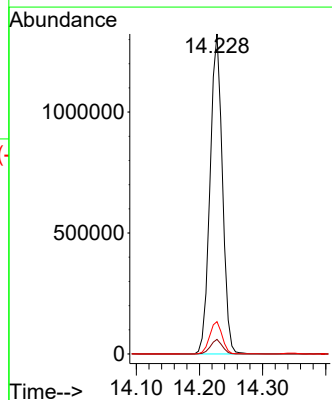
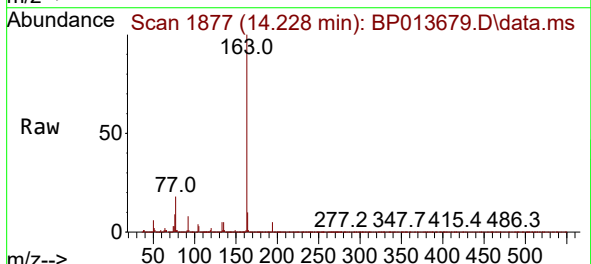
Instrument :
BNA_P
ClientSampleId :
PB150555BS

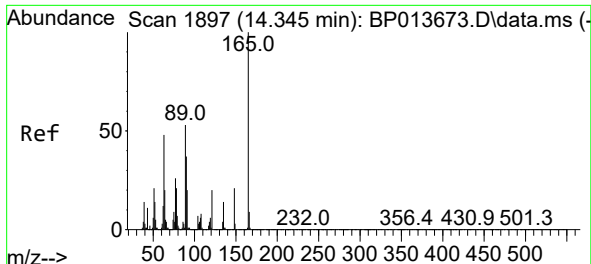
Tgt Ion:152 Resp: 2264628
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 41.082 ng
RT: 14.228 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:163 Resp: 1798345
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.1 8.4 12.6

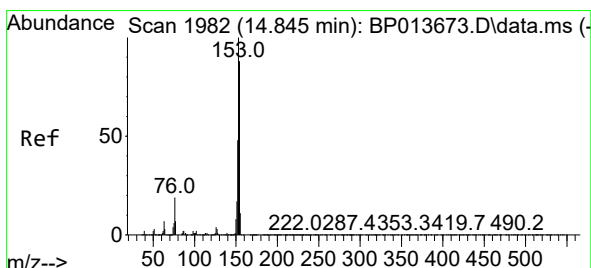
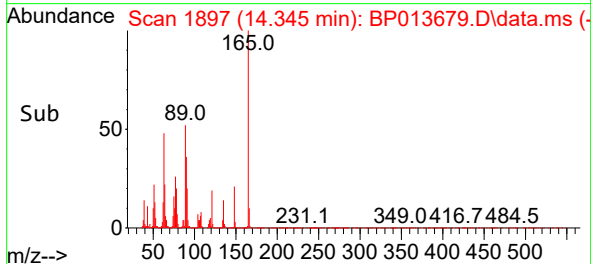
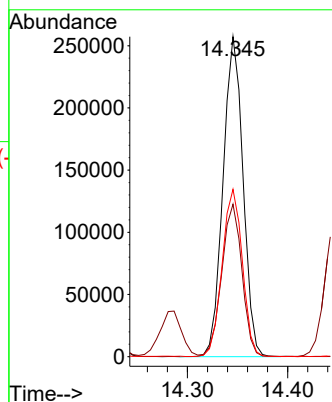
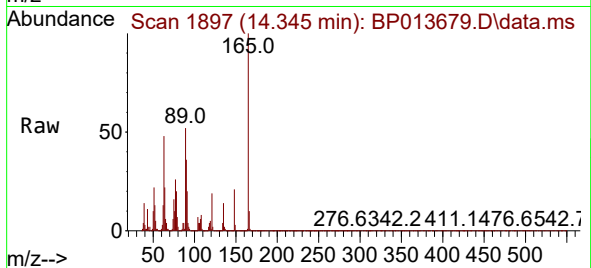




#51
2,6-Dinitrotoluene
Concen: 40.025 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

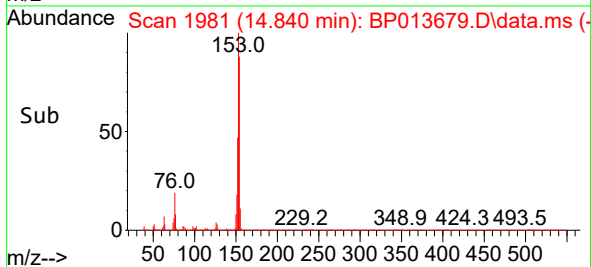
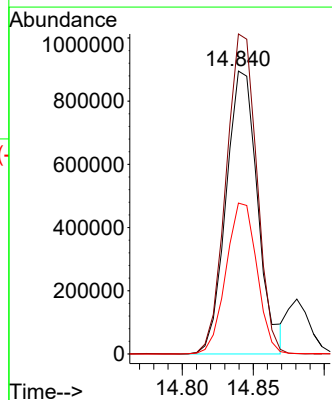
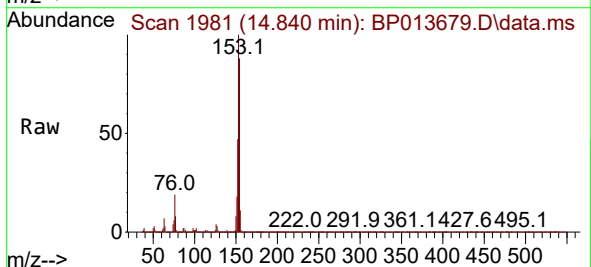
Instrument :
BNA_P
ClientSampleId :
PB150555BS

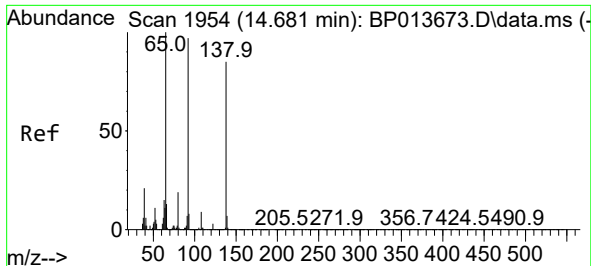
Tgt Ion:165 Resp: 355110
Ion Ratio Lower Upper
165 100
63 47.7 39.8 59.6
89 52.3 42.4 63.6



#52
Acenaphthene
Concen: 40.357 ng
RT: 14.840 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:154 Resp: 1387032
Ion Ratio Lower Upper
154 100
153 113.1 90.6 135.8
152 53.4 43.4 65.0

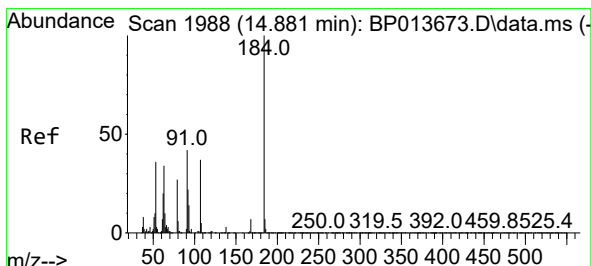
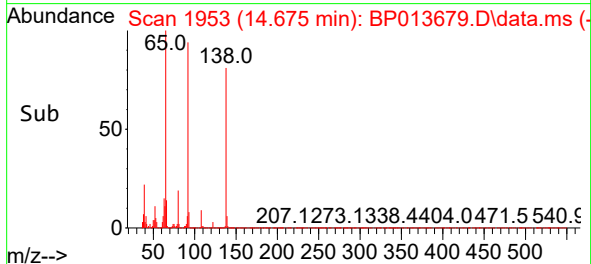
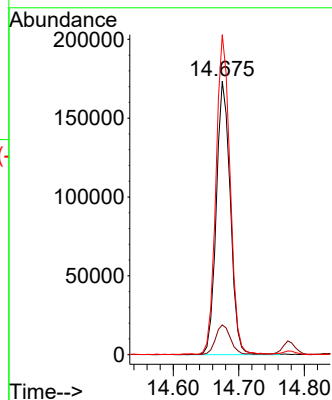
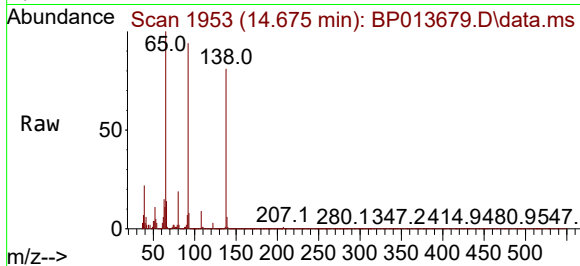




#53
3-Nitroaniline
Concen: 28.038 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

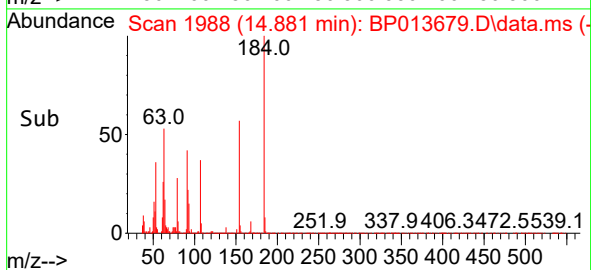
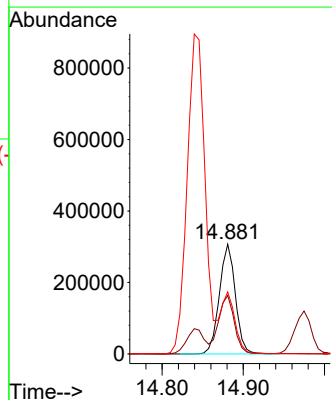
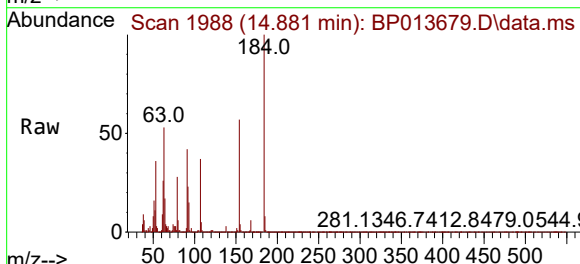
Instrument :
BNA_P
ClientSampleId :
PB150555BS

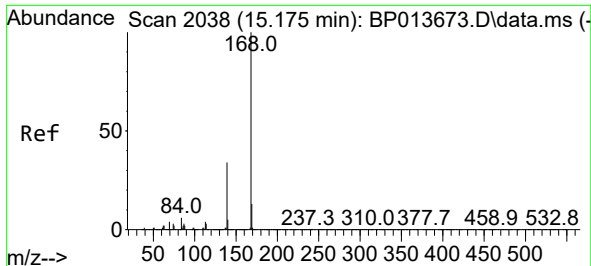
Tgt Ion:138 Resp: 256407
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 117.0 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 72.794 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:184 Resp: 422306
Ion Ratio Lower Upper
184 100
63 53.2 41.4 62.0
154 56.5 44.3 66.5

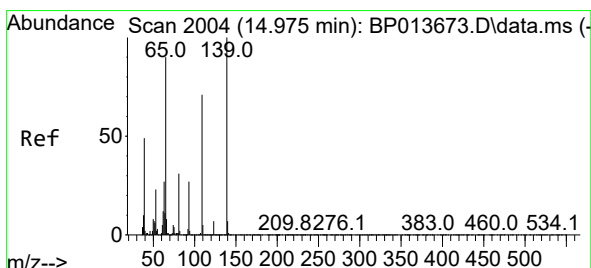
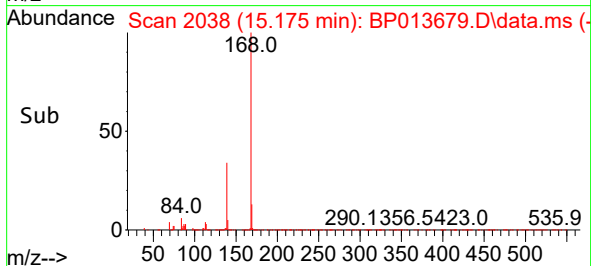
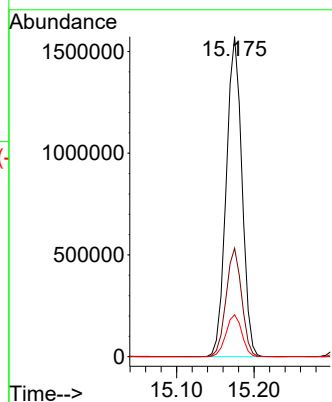
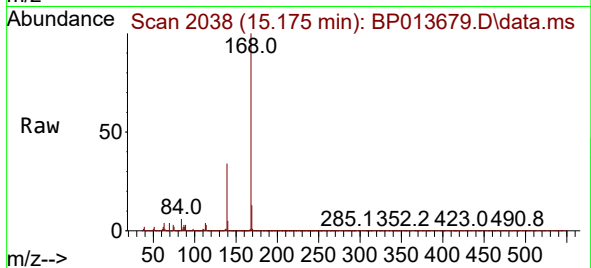




#55
Dibenzofuran
Concen: 41.124 ng
RT: 15.175 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

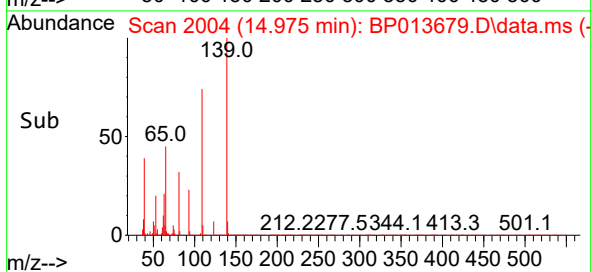
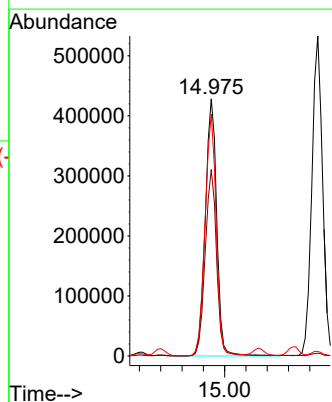
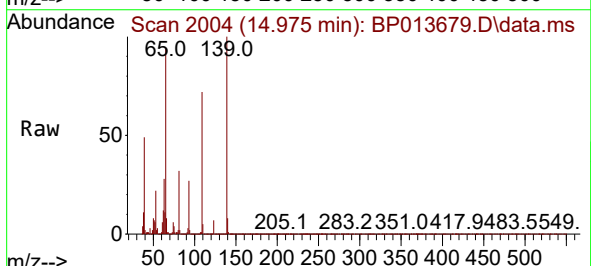
Instrument :
BNA_P
ClientSampleId :
PB150555BS

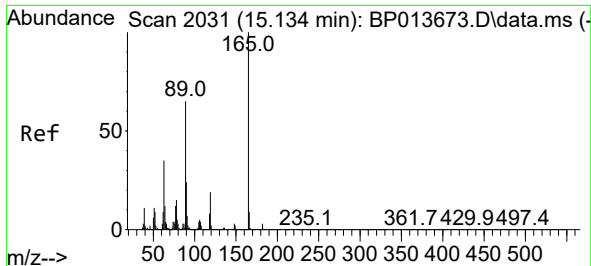
Tgt Ion:168 Resp: 2211984
Ion Ratio Lower Upper
168 100
139 33.9 27.4 41.2
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 83.821 ng
RT: 14.975 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:139 Resp: 636175
Ion Ratio Lower Upper
139 100
109 72.5 50.9 90.9
65 94.1 70.0 110.0

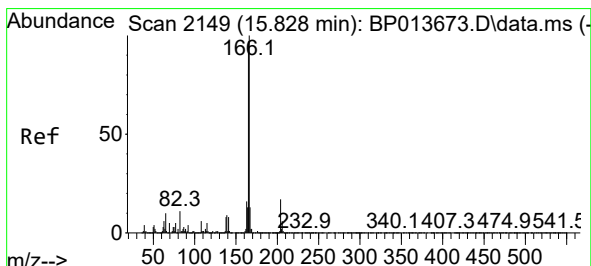
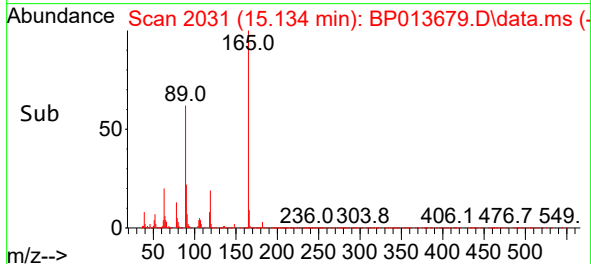
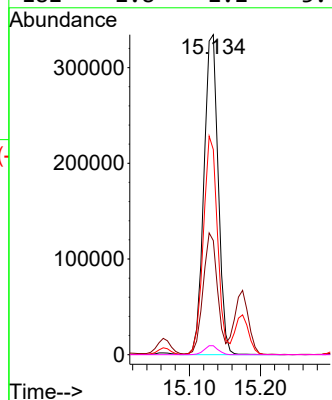
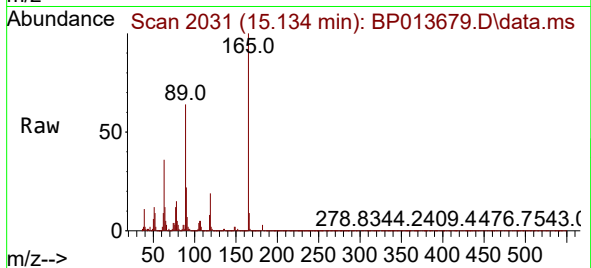




#57
2,4-Dinitrotoluene
Concen: 39.616 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

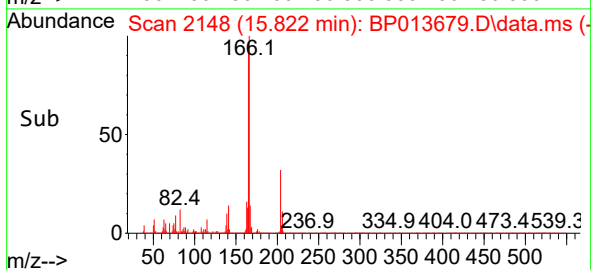
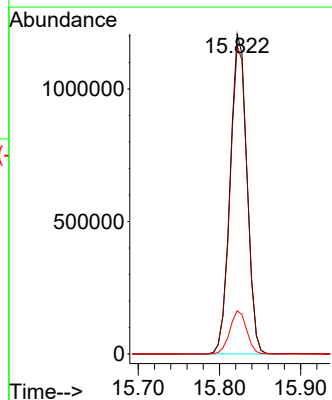
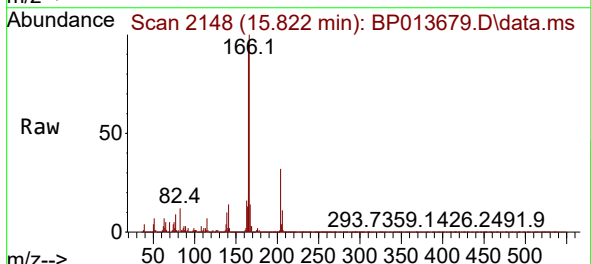
Instrument :
BNA_P
ClientSampleId :
PB150555BS

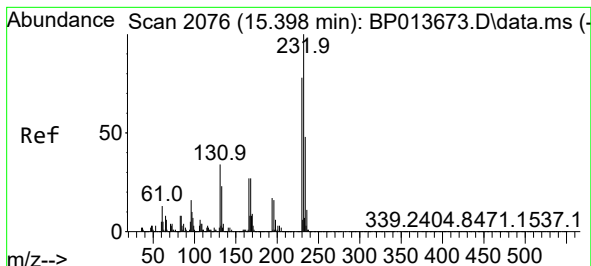
Tgt Ion:165 Resp: 468739
Ion Ratio Lower Upper
165 100
63 35.7 28.1 42.1
89 64.1 52.0 78.0
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.993 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:166 Resp: 1731157
Ion Ratio Lower Upper
166 100
165 96.3 77.6 116.4
167 13.5 10.6 15.8

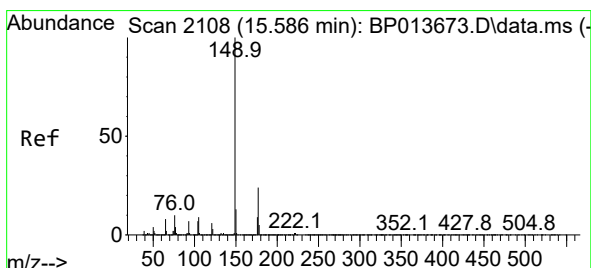
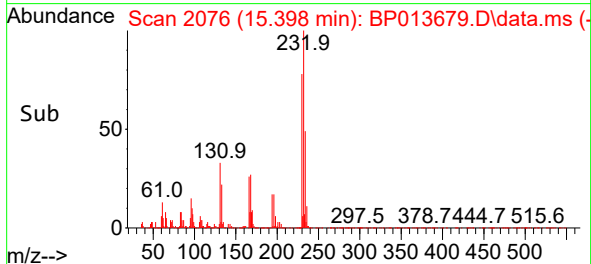
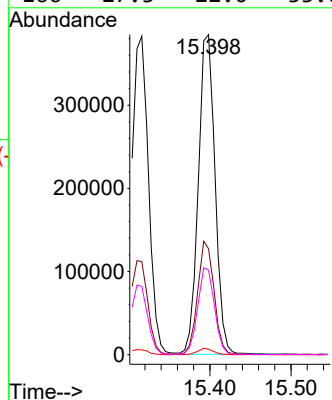
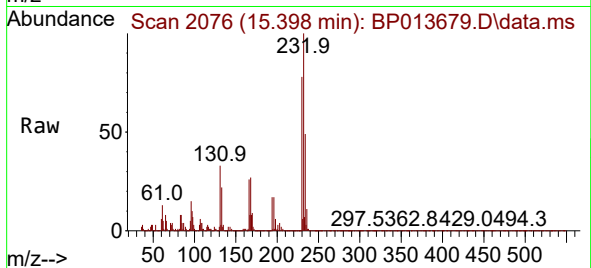




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.558 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

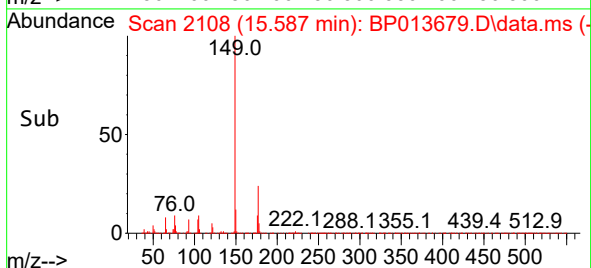
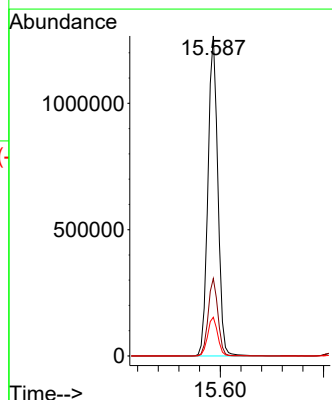
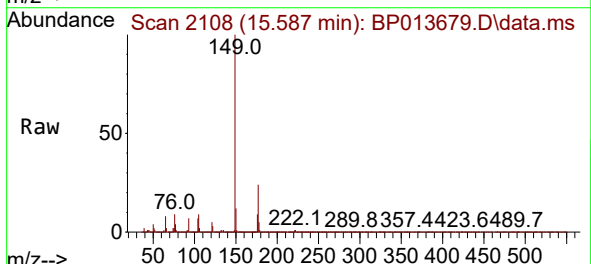
Instrument :
BNA_P
ClientSampleId :
PB150555BS

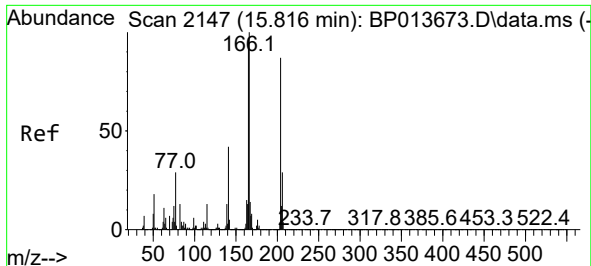
Tgt Ion:	232	Resp:	551271
Ion	Ratio	Lower	Upper
232	100		
131	34.6	27.9	41.9
130	1.9	1.4	2.0
166	27.3	22.0	33.0



#60
Diethylphthalate
Concen: 39.994 ng
RT: 15.587 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:	149	Resp:	1678356
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.2	28.8
150	12.1	10.1	15.1

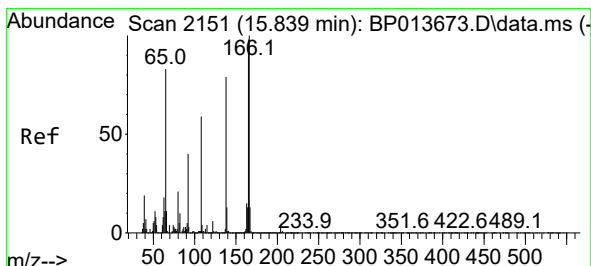
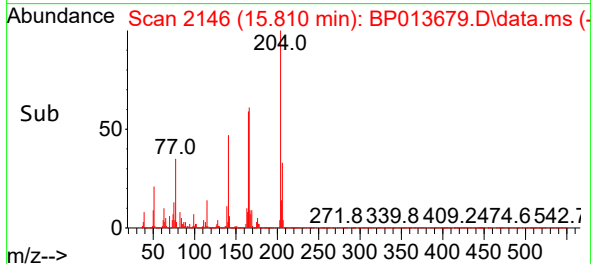
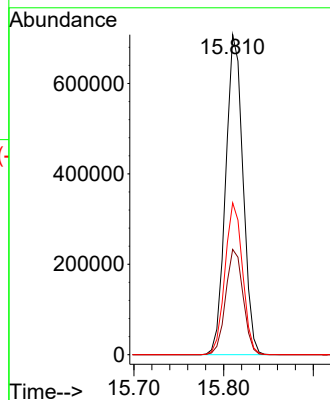
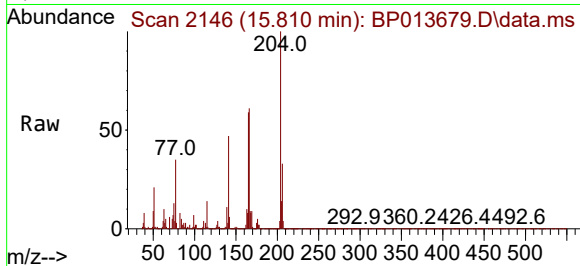




#61
4-Chlorophenyl-phenylether
Concen: 41.251 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

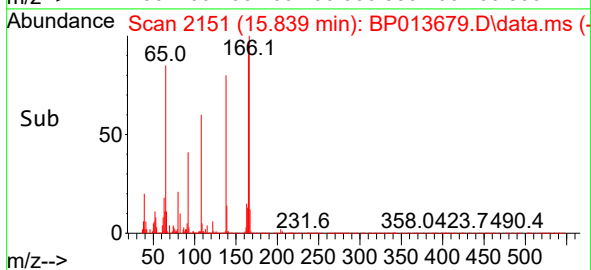
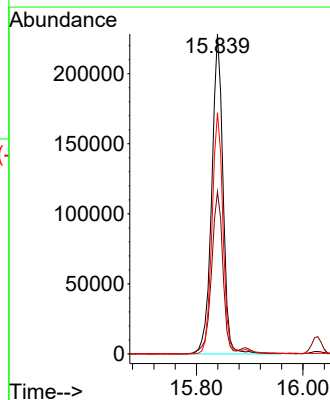
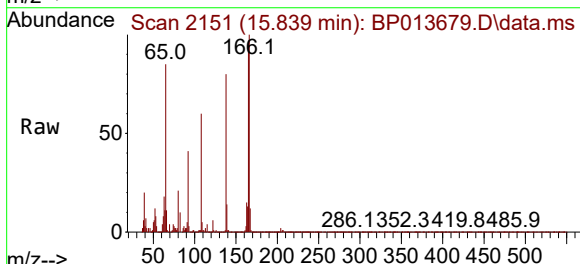
Instrument :
BNA_P
ClientSampleId :
PB150555BS

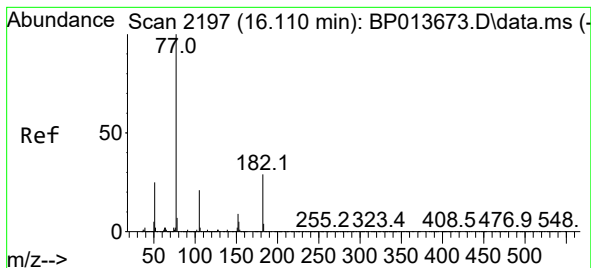
Tgt Ion:204 Resp: 948652
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 47.5 38.1 57.1



#62
4-Nitroaniline
Concen: 35.848 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:138 Resp: 335853
Ion Ratio Lower Upper
138 100
92 50.7 30.3 70.3
108 75.4 55.4 95.4





#63

Azobenzene

Concen: 40.882 ng

RT: 16.104 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

Tgt Ion: 77 Resp: 1584792

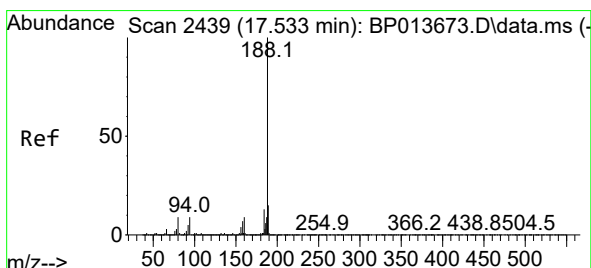
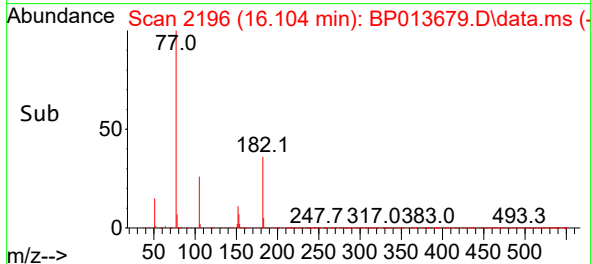
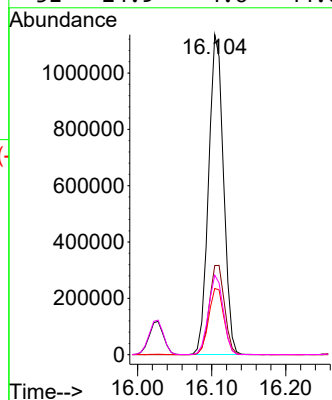
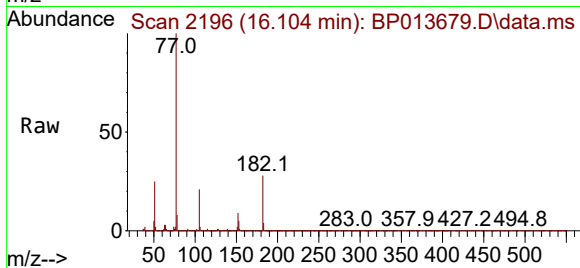
Ion Ratio Lower Upper

77 100

182 27.9 9.3 49.3

105 20.7 1.1 41.1

51 24.9 4.6 44.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.528 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

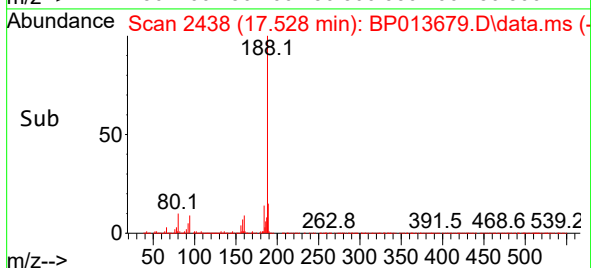
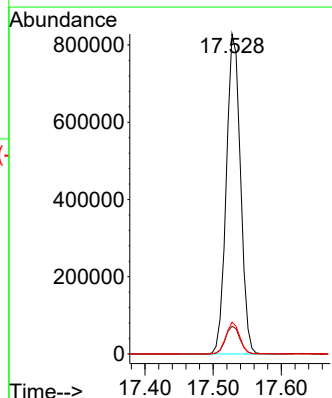
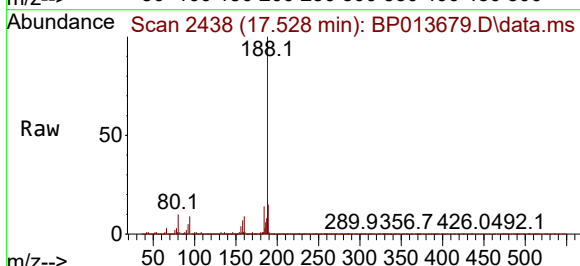
Tgt Ion:188 Resp: 1198179

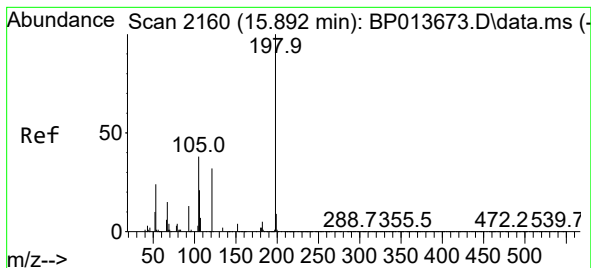
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 10.0 7.4 11.0

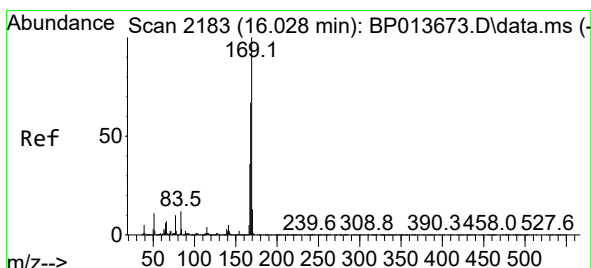
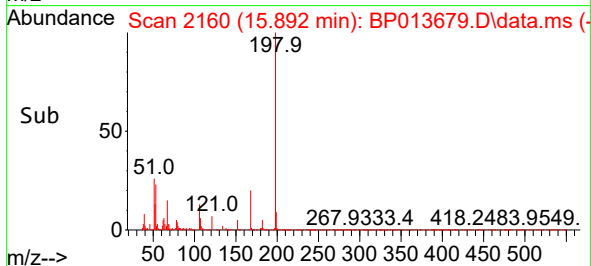
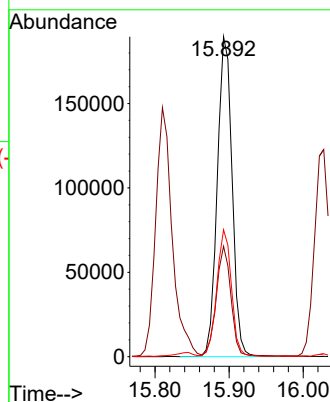
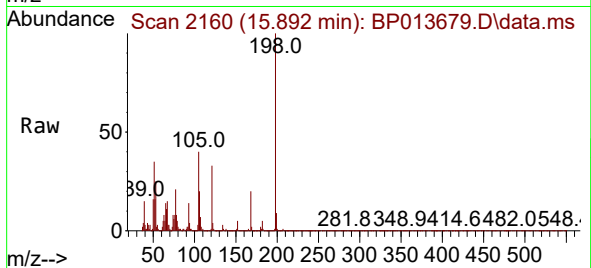




#65
4,6-Dinitro-2-methylphenol
Concen: 39.195 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

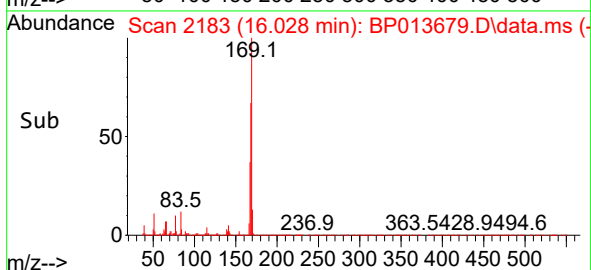
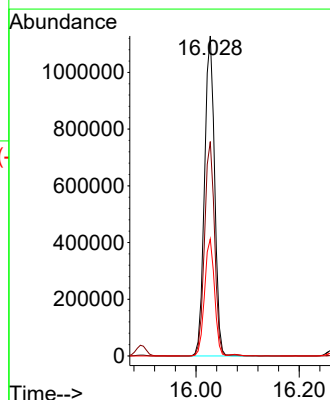
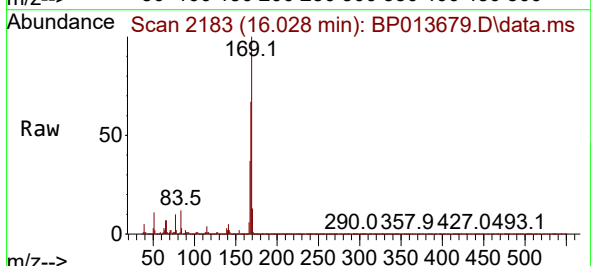
Instrument :
BNA_P
ClientSampleId :
PB150555BS

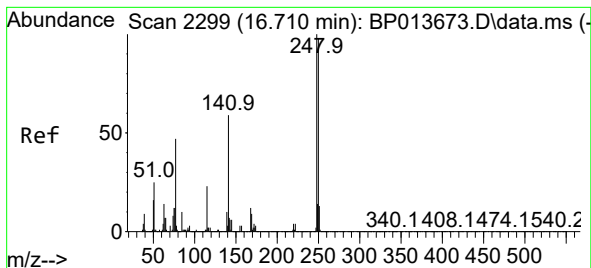
Tgt Ion:198 Resp: 263784
Ion Ratio Lower Upper
198 100
51 34.5 15.4 55.4
105 39.7 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 43.657 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:169 Resp: 1522007
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.6 28.9 43.3

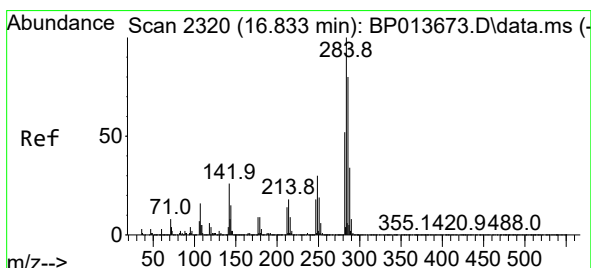
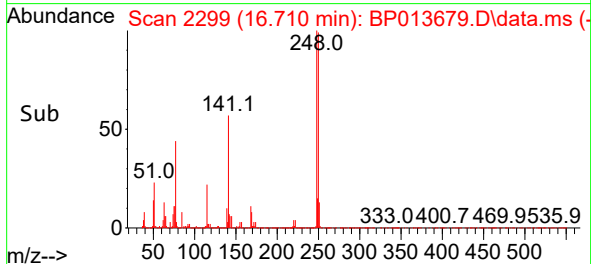
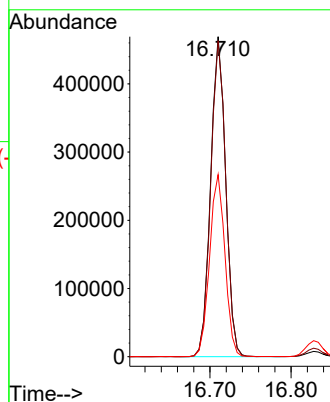
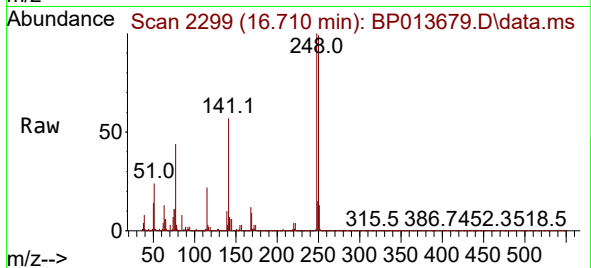




#67
4-Bromophenyl-phenylether
Concen: 43.866 ng
RT: 16.710 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

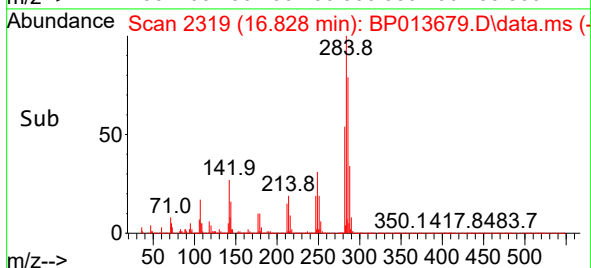
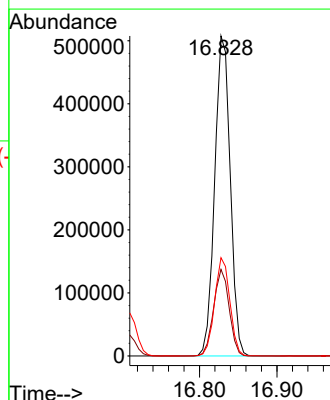
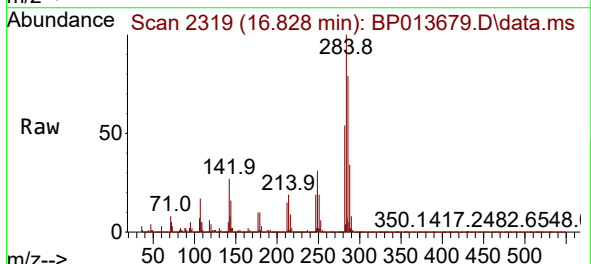
Instrument :
BNA_P
ClientSampleId :
PB150555BS

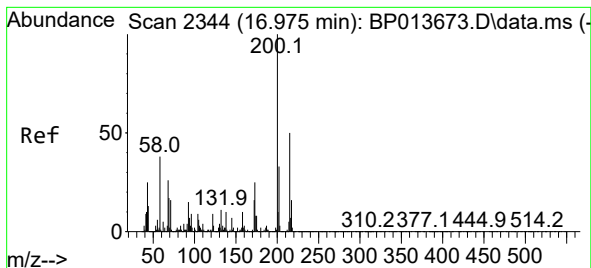
Tgt Ion:248 Resp: 602495
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 56.9 46.8 70.2



#68
Hexachlorobenzene
Concen: 46.472 ng
RT: 16.828 min Scan# 2319
Delta R.T. -0.005 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:284 Resp: 706803
Ion Ratio Lower Upper
284 100
142 27.1 20.6 31.0
249 30.7 23.9 35.9





#69

Atrazine

Concen: 47.436 ng

RT: 16.975 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

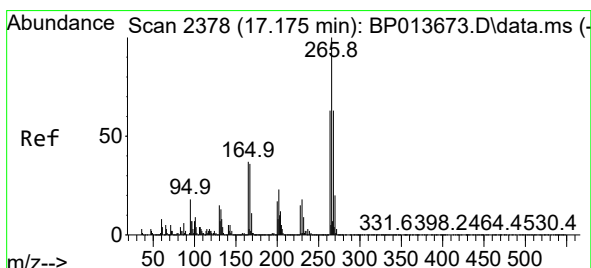
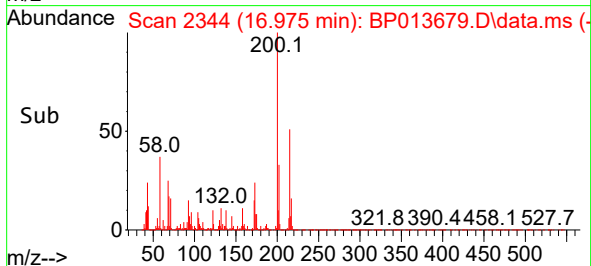
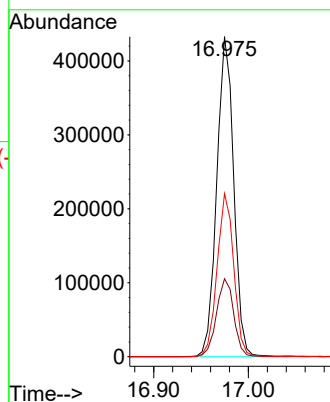
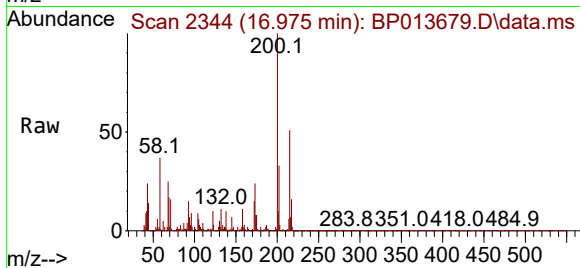
Tgt Ion:200 Resp: 538122

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

215 51.0 29.8 69.8



#70

Pentachlorophenol

Concen: 81.632 ng

RT: 17.175 min Scan# 2378

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

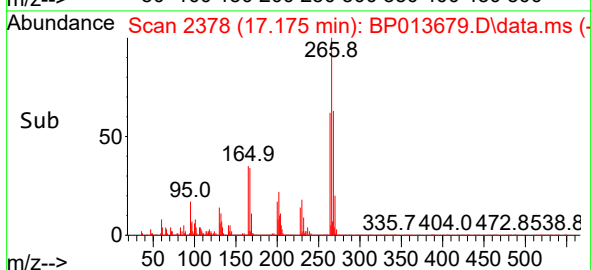
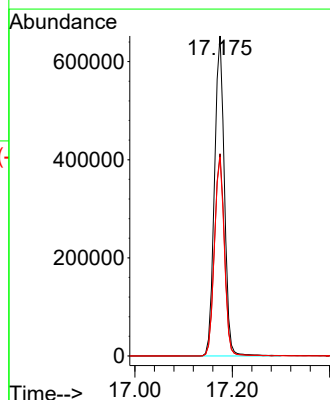
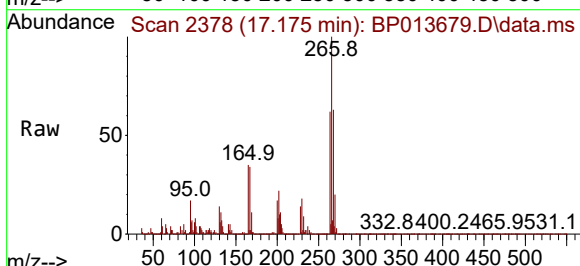
Tgt Ion:266 Resp: 915832

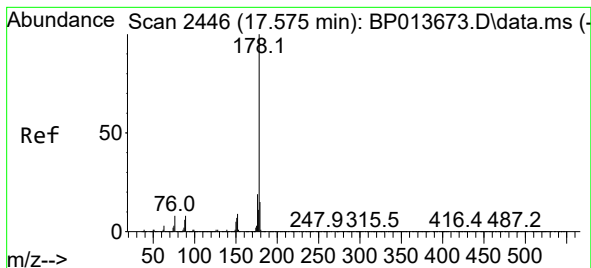
Ion Ratio Lower Upper

266 100

268 63.2 50.7 76.1

264 62.2 50.5 75.7





#71

Phenanthrene

Concen: 43.120 ng

RT: 17.575 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

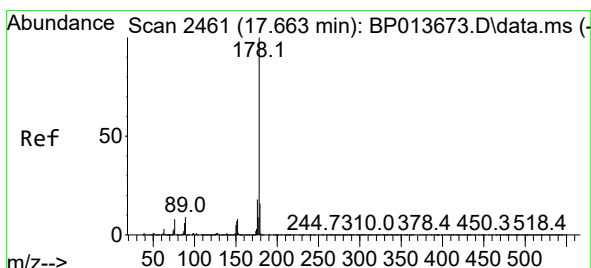
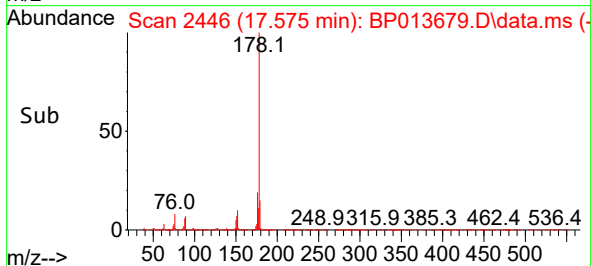
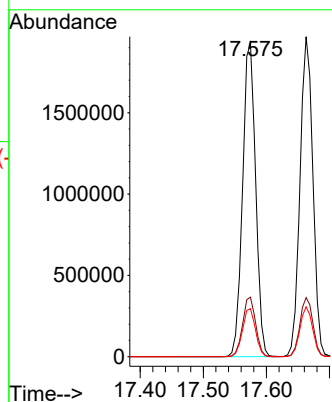
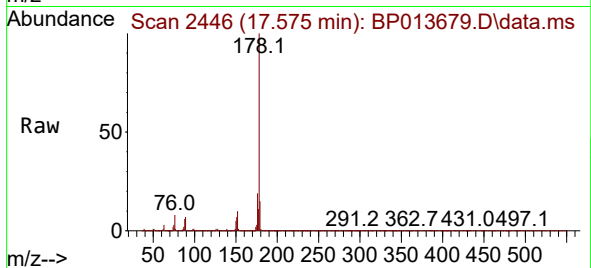
Tgt Ion:178 Resp: 2769240

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 42.965 ng

RT: 17.663 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

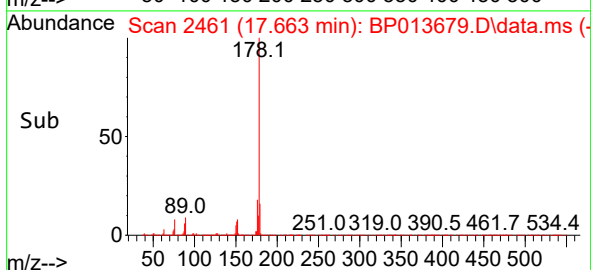
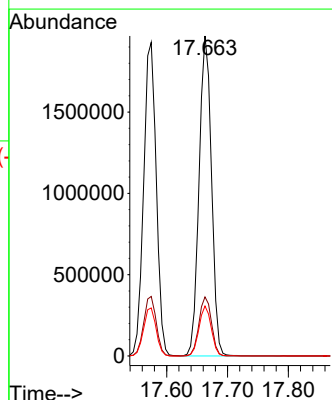
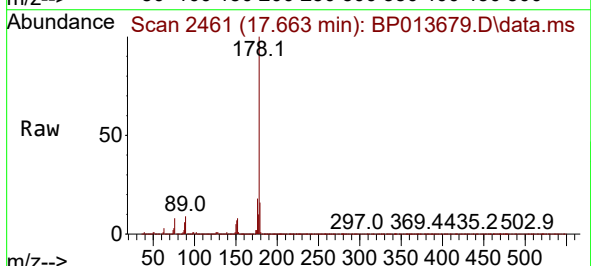
Tgt Ion:178 Resp: 2785725

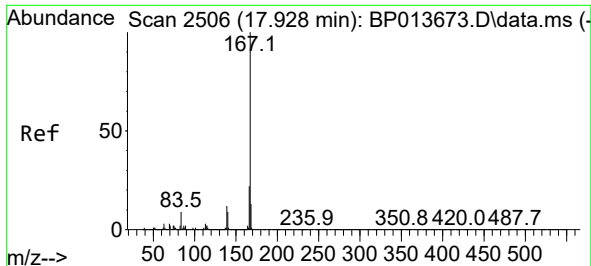
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.6 12.4 18.6

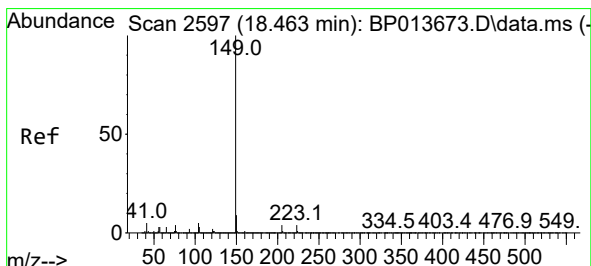
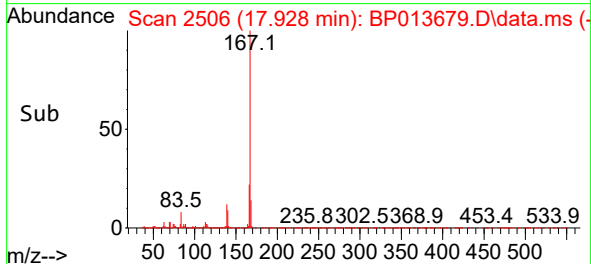
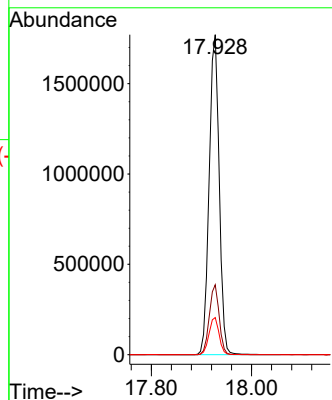
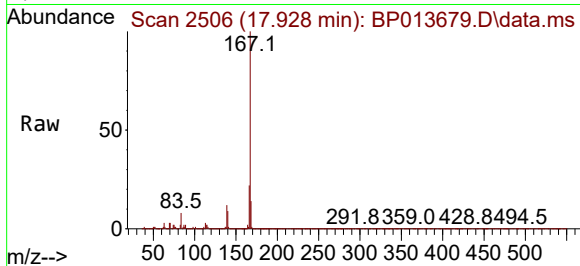




#73
 Carbazole
 Concen: 41.903 ng
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP013679.D
 Acq: 31 Jan 2023 18:13

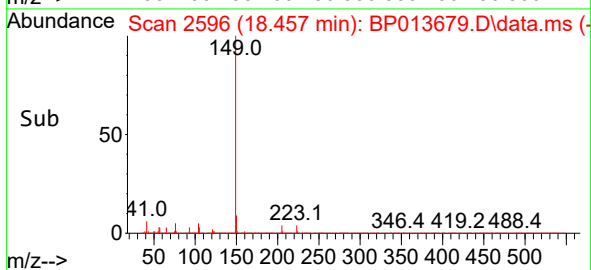
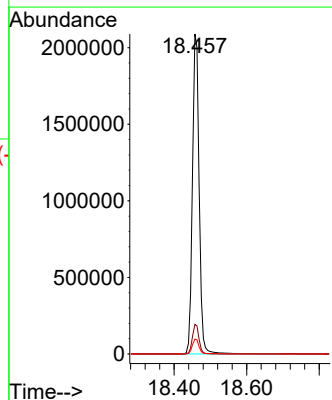
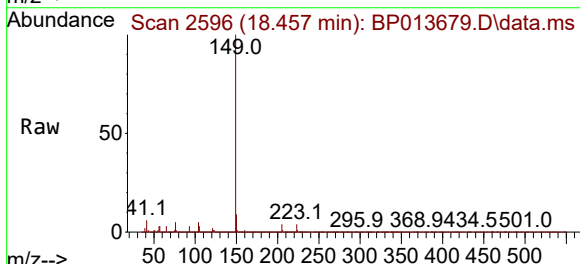
Instrument :
 BNA_P
 ClientSampleId :
 PB150555BS

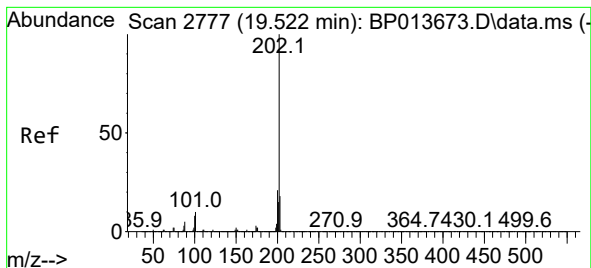
Tgt Ion:167 Resp: 2466999
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 11.6 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 41.536 ng
 RT: 18.457 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP013679.D
 Acq: 31 Jan 2023 18:13

Tgt Ion:149 Resp: 2675985
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 40.054 ng

RT: 19.522 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

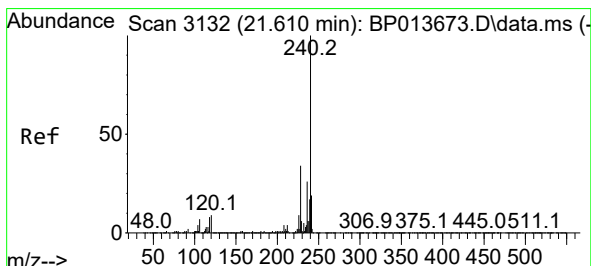
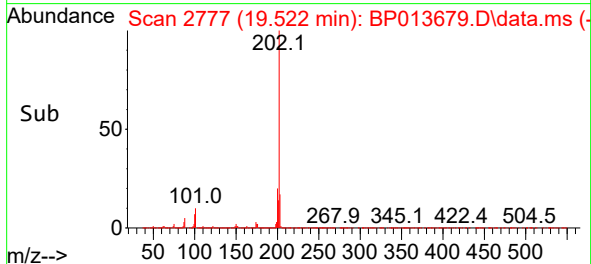
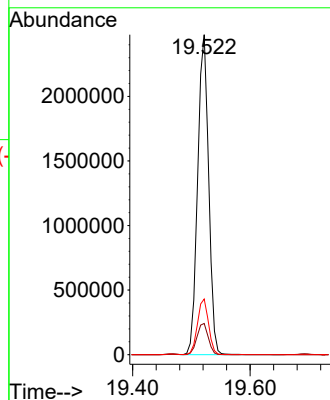
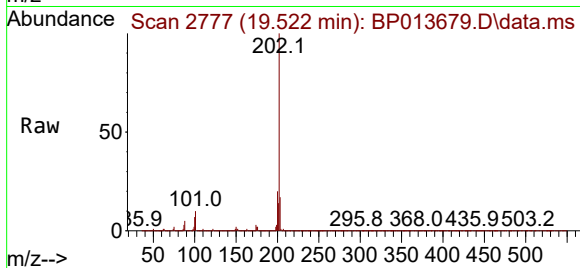
Tgt Ion:202 Resp: 3202497

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.4 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

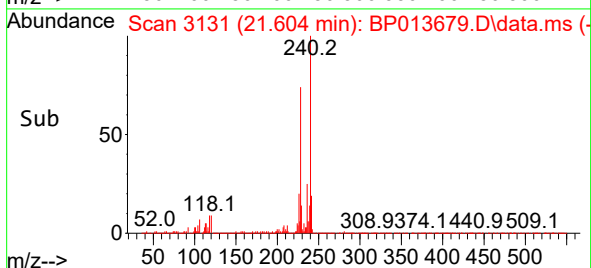
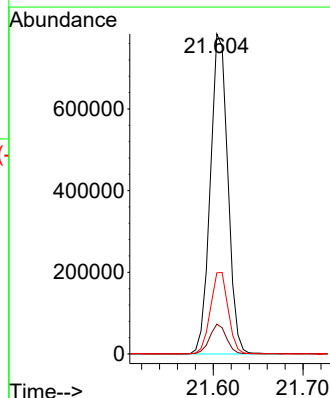
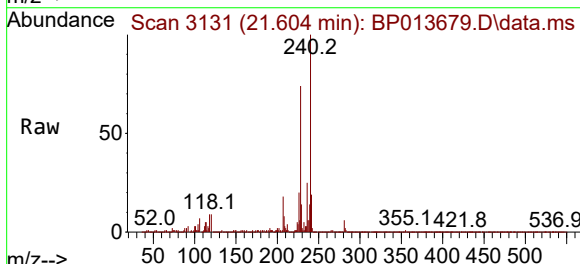
Tgt Ion:240 Resp: 1061371

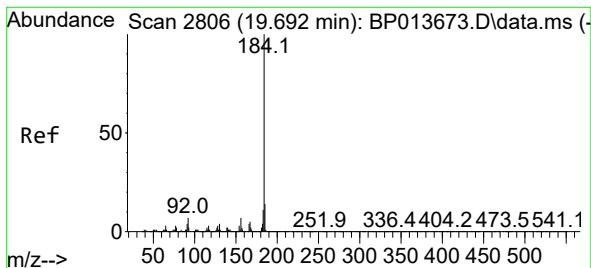
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 25.3 20.6 30.8





#77

Benzidine

Concen: 75.444 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

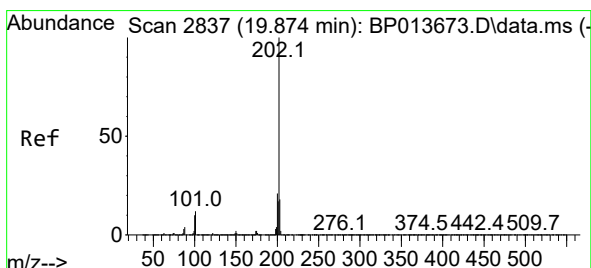
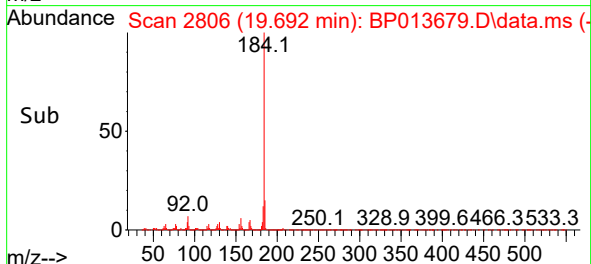
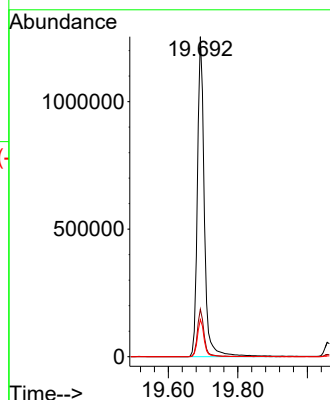
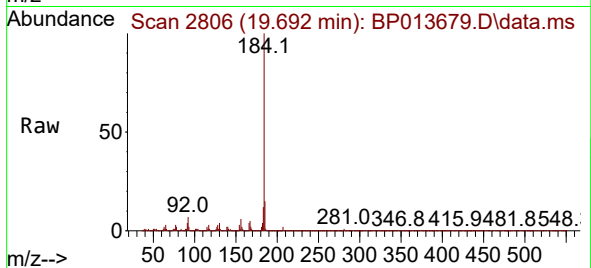
Tgt Ion:184 Resp: 1729554

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

183 11.6 9.2 13.8



#78

Pyrene

Concen: 46.342 ng

RT: 19.875 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

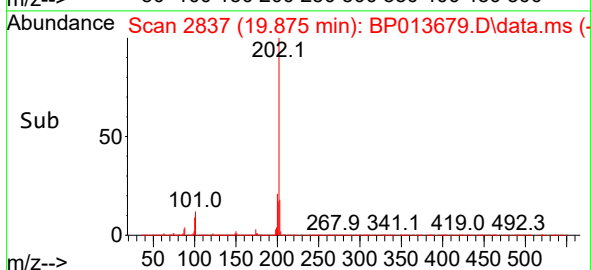
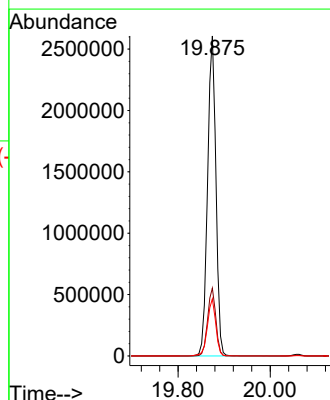
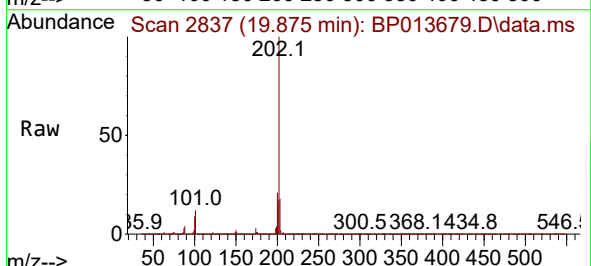
Tgt Ion:202 Resp: 3309175

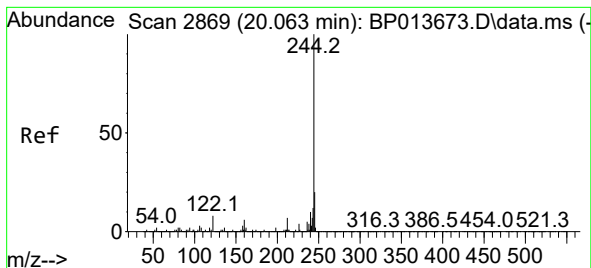
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 101.121 ng

RT: 20.057 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

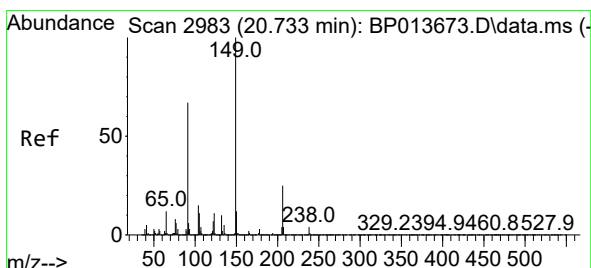
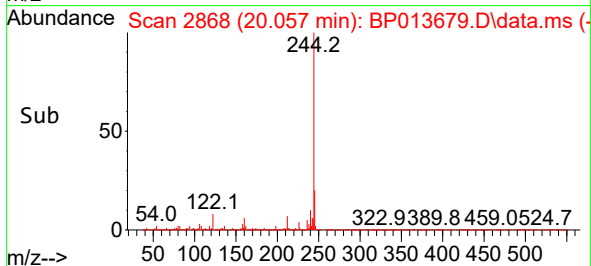
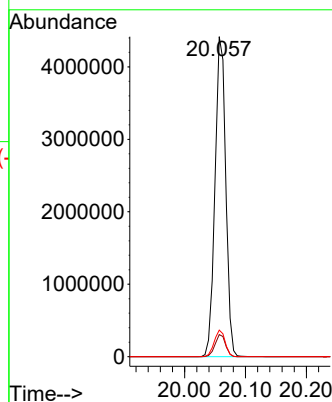
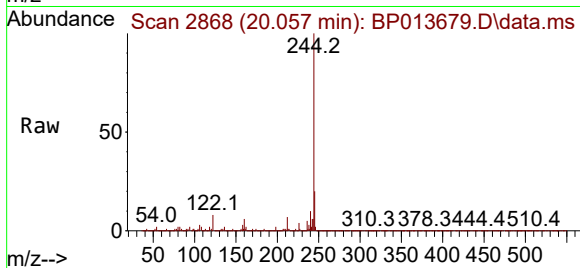
Tgt Ion:244 Resp: 5404834

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.3 6.5 9.7



#80

Butylbenzylphthalate

Concen: 44.249 ng

RT: 20.727 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

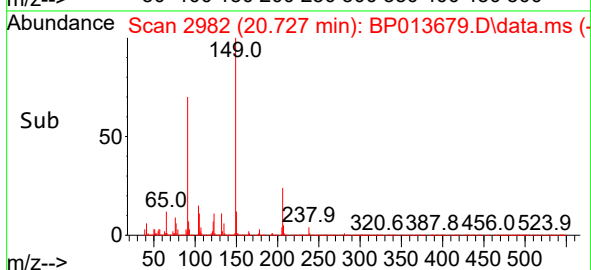
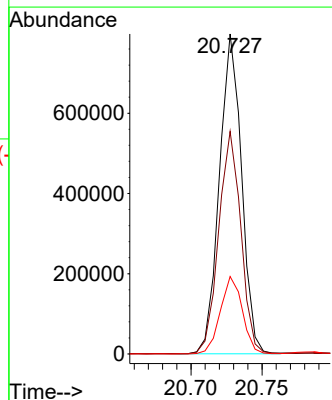
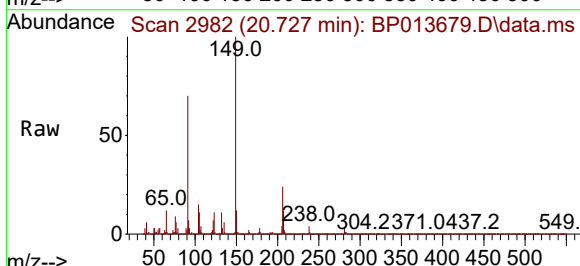
Tgt Ion:149 Resp: 862589

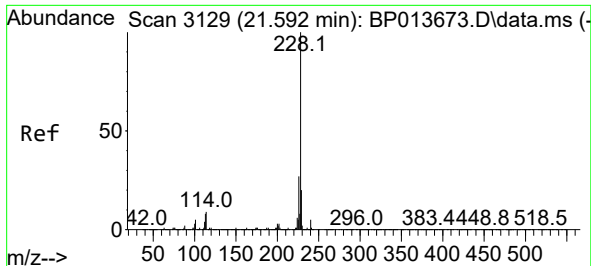
Ion Ratio Lower Upper

149 100

91 69.5 54.0 81.0

206 24.2 19.8 29.8

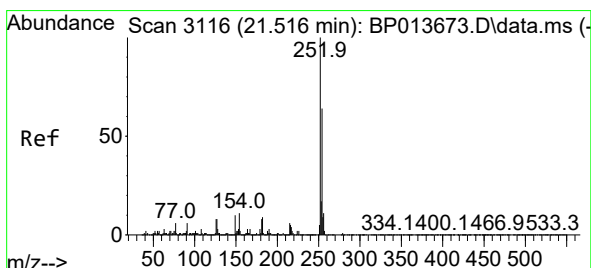
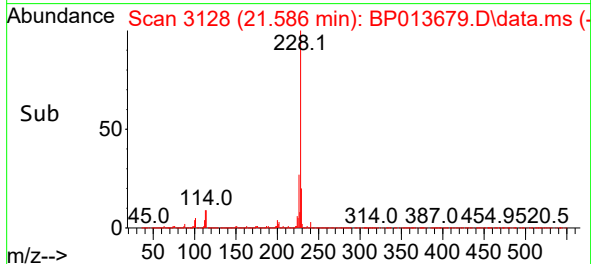
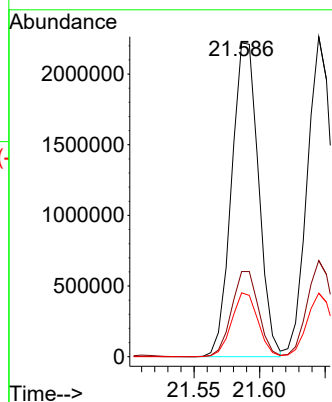
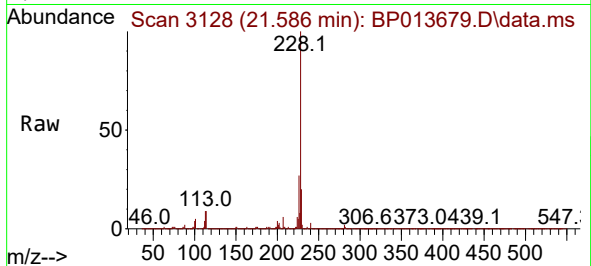




#81
Benzo(a)anthracene
Concen: 43.102 ng
RT: 21.586 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

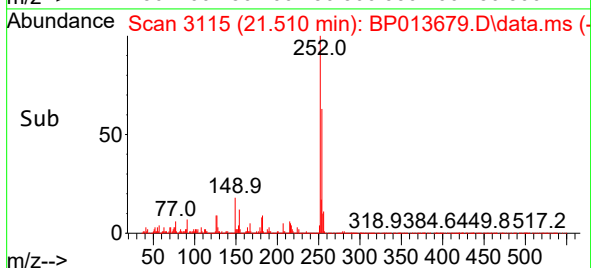
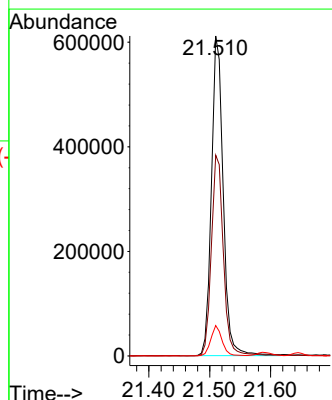
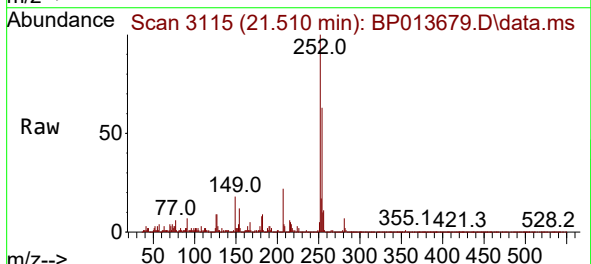
Instrument :
BNA_P
ClientSampleId :
PB150555BS

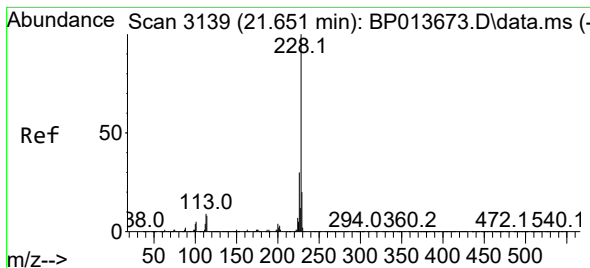
Tgt Ion:228 Resp: 3177555
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.251 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:252 Resp: 821605
Ion Ratio Lower Upper
252 100
254 62.8 50.9 76.3
126 9.5 6.7 10.1





#83

Chrysene

Concen: 42.912 ng

RT: 21.645 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

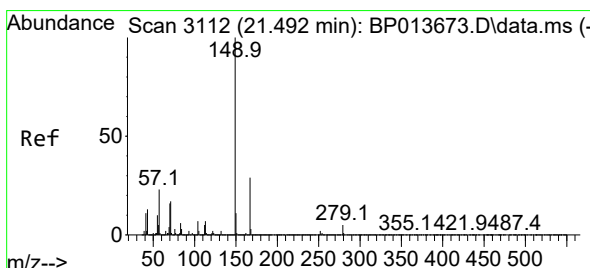
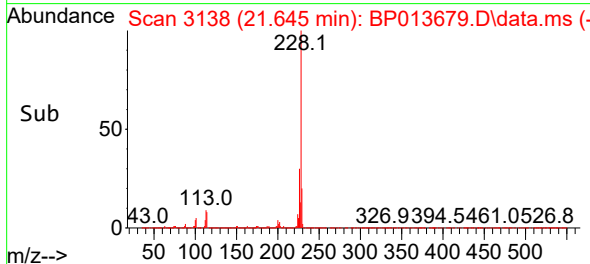
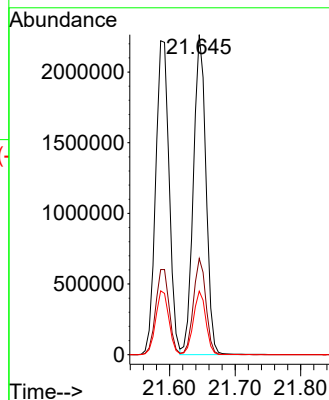
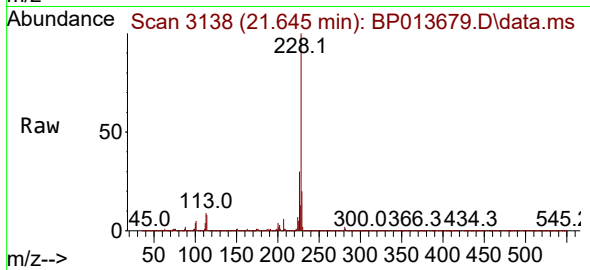
Tgt Ion:228 Resp: 3014031

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.349 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

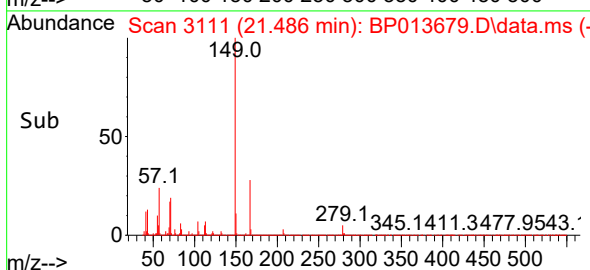
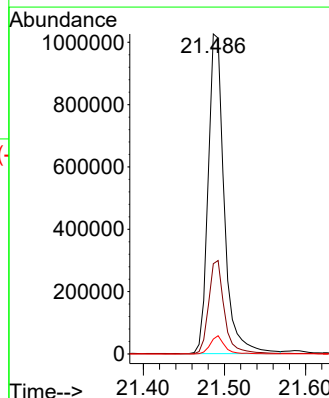
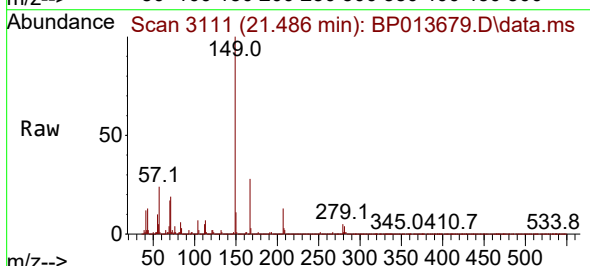
Tgt Ion:149 Resp: 1405619

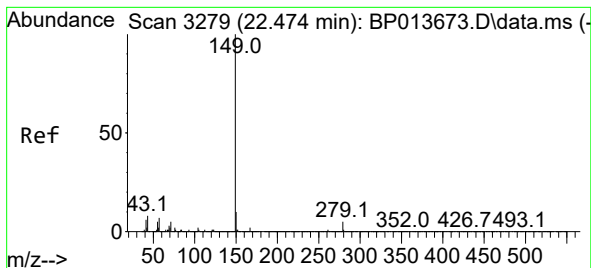
Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.6

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 40.866 ng

RT: 22.474 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

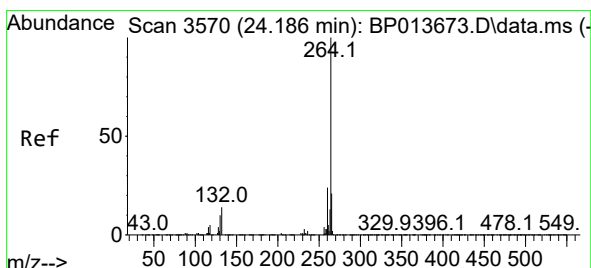
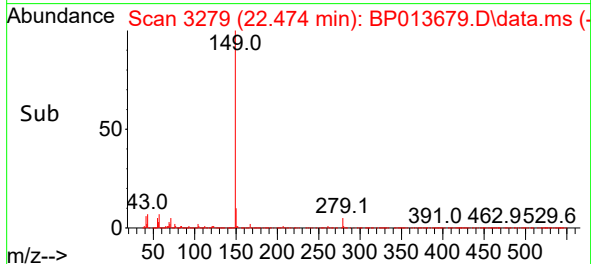
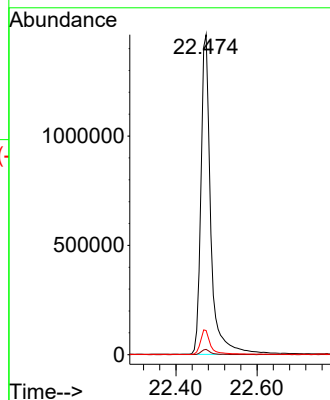
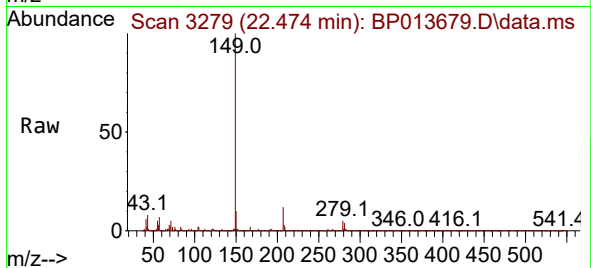
Tgt Ion:149 Resp: 2476878

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

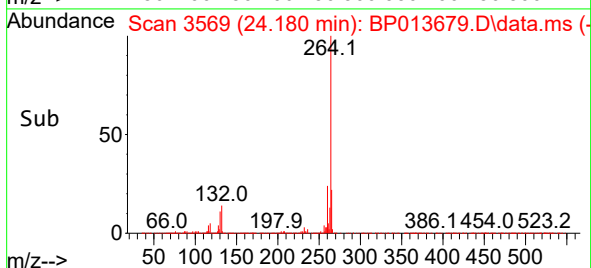
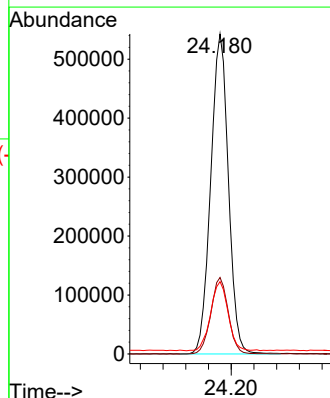
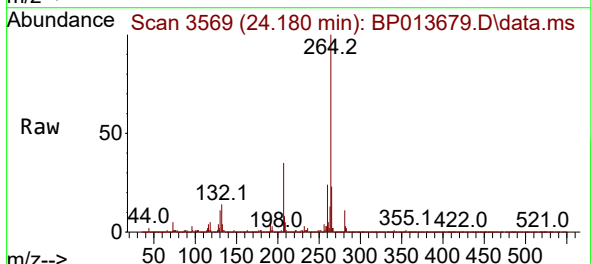
Tgt Ion:264 Resp: 1169024

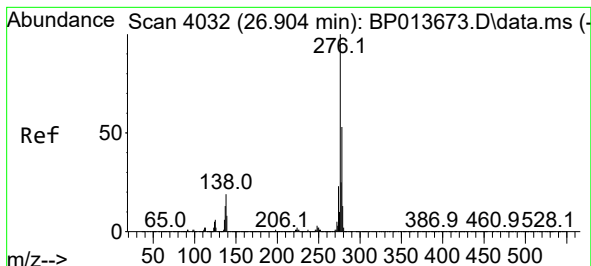
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.017 ng

RT: 26.904 min Scan# 4032

Delta R.T. 0.000 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

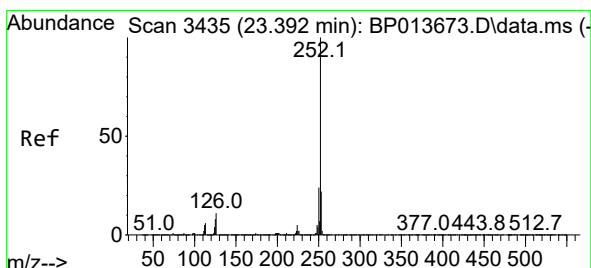
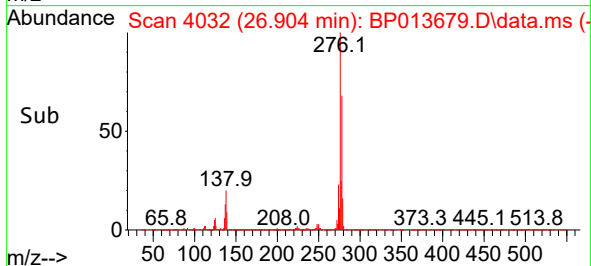
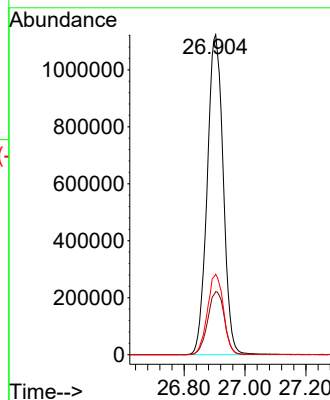
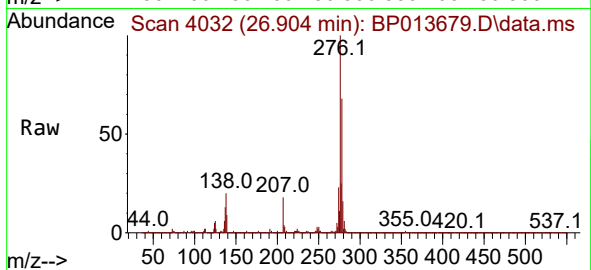
Tgt Ion:276 Resp: 4091213

Ion Ratio Lower Upper

276 100

138 20.7 16.5 24.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.558 ng

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

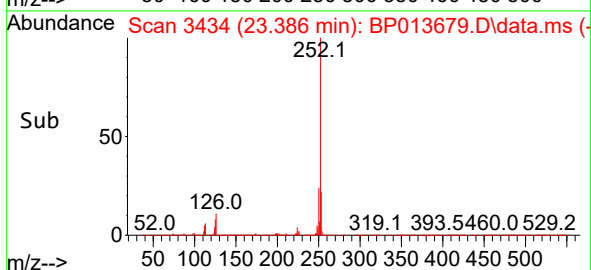
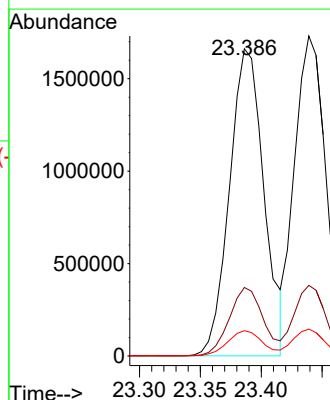
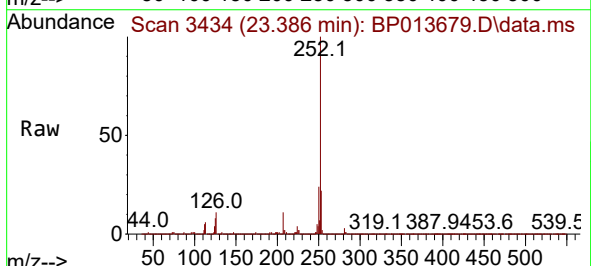
Tgt Ion:252 Resp: 3271179

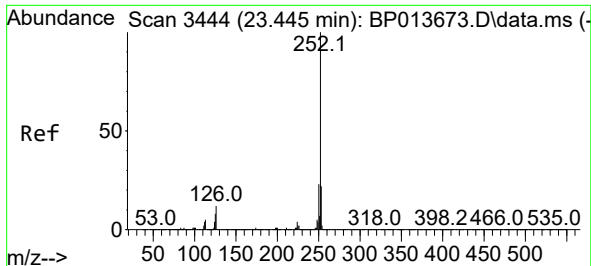
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 8.2 6.8 10.2

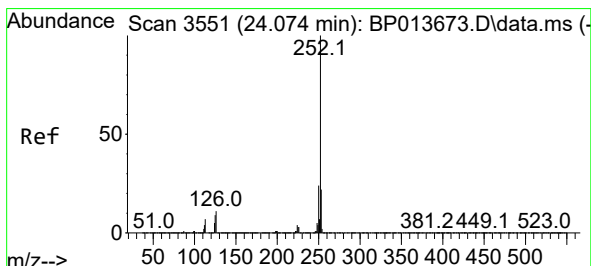
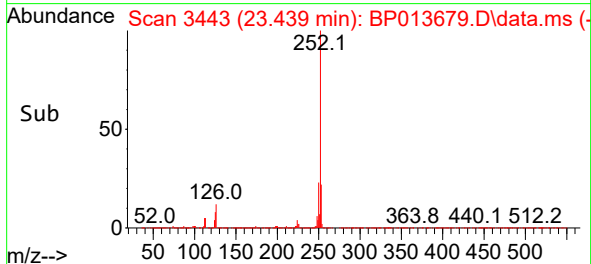
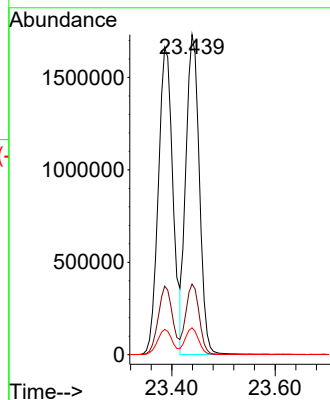
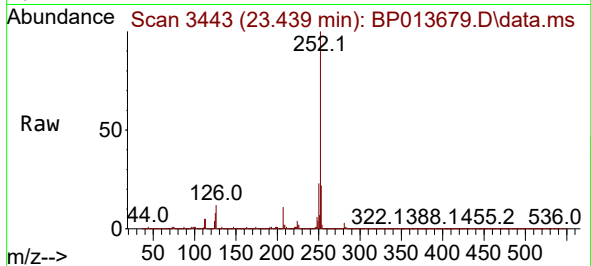




#89
Benzo(k)fluoranthene
Concen: 44.283 ng
RT: 23.439 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

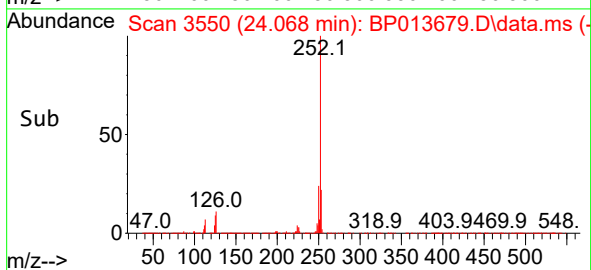
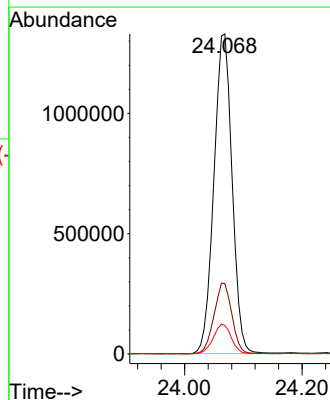
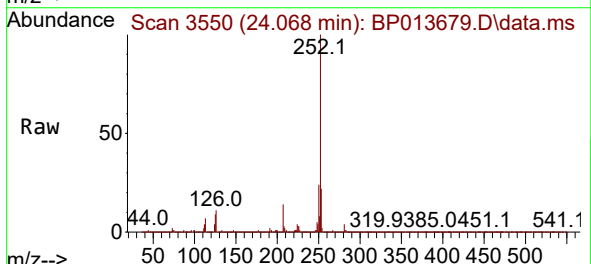
Instrument :
BNA_P
ClientSampleId :
PB150555BS

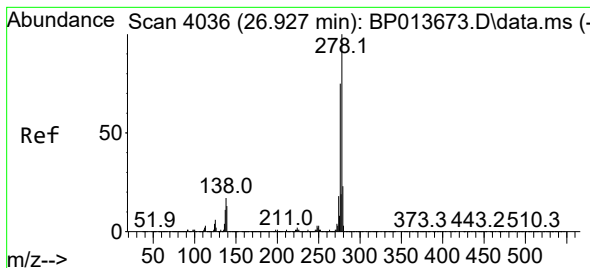
Tgt Ion:252 Resp: 3116415
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.4 6.3 9.5



#90
Benzo(a)pyrene
Concen: 40.934 ng
RT: 24.068 min Scan# 3550
Delta R.T. -0.006 min
Lab File: BP013679.D
Acq: 31 Jan 2023 18:13

Tgt Ion:252 Resp: 2854889
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.9 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 46.071 ng

RT: 26.921 min Scan# 4036

Delta R.T. -0.006 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Instrument :

BNA_P

ClientSampleId :

PB150555BS

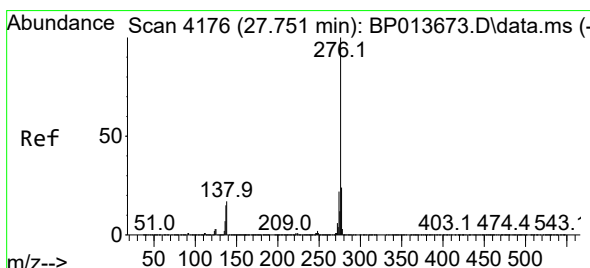
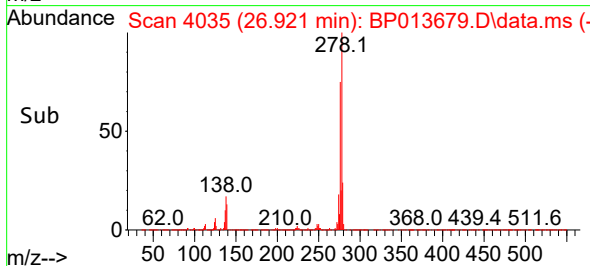
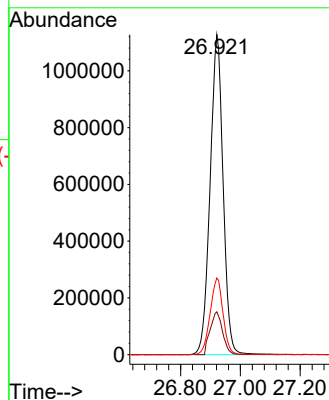
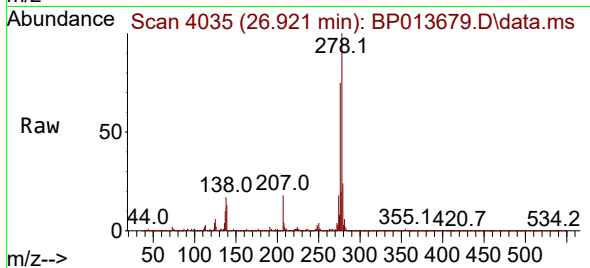
Tgt Ion:278 Resp: 3399917

Ion Ratio Lower Upper

278 100

139 13.4 10.6 16.0

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.485 ng

RT: 27.739 min Scan# 4174

Delta R.T. -0.012 min

Lab File: BP013679.D

Acq: 31 Jan 2023 18:13

Tgt Ion:276 Resp: 3407075

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 18.0 14.0 21.0

