

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013621.D
 Acq On : 27 Jan 2023 17:02
 Operator : CG/JU
 Sample : PB150378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

Quant Time: Jan 29 23:51:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	237009	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	902156	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	536951	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1082314	20.000	ng	0.00
76) Chrysene-d12	21.627	240	689535	20.000	ng	0.00
86) Perylene-d12	24.215	264	745411	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2036750	153.993	ng	0.00
7) Phenol-d6	7.305	99	2556848	143.104	ng	0.00
23) Nitrobenzene-d5	9.328	82	1430783	87.145	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	984536	120.432	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	3494395	92.946	ng	0.00
79) Terphenyl-d14	20.080	244	4119841	105.434	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.528	88	223743	38.368	ng 98
3) Pyridine	3.940	79	605424	36.524	ng 100
4) n-Nitrosodimethylamine	3.846	42	276210	42.636	ng 93
6) Aniline	7.469	93	979978	41.385	ng 99
8) 2-Chlorophenol	7.716	128	728780	51.907	ng 98
9) Benzaldehyde	7.281	77	323451	27.046	ng 98
10) Phenol	7.328	94	923268	49.331	ng 98
11) bis(2-Chloroethyl)ether	7.569	93	722967	46.646	ng 99
12) 1,3-Dichlorobenzene	8.046	146	792027	48.869	ng 98
13) 1,4-Dichlorobenzene	8.193	146	804819	48.971	ng 100
14) 1,2-Dichlorobenzene	8.510	146	774924	50.083	ng 100
15) Benzyl Alcohol	8.393	79	613178	44.197	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	844357	48.344	ng 99
17) 2-Methylphenol	8.593	107	613773	45.447	ng 98
18) Hexachloroethane	9.252	117	273258	46.412	ng 97
19) n-Nitroso-di-n-propyla...	8.969	70	512814	44.165	ng 97
20) 3+4-Methylphenols	8.922	107	823019	44.469	ng 98
22) Acetophenone	8.987	105	1027584	45.126	ng # 98
24) Nitrobenzene	9.375	77	750548	43.679	ng 98
25) Isophorone	9.904	82	1489443	41.414	ng 99
26) 2-Nitrophenol	10.087	139	322083	43.634	ng 93
27) 2,4-Dimethylphenol	10.140	122	641263	46.931	ng 96
28) bis(2-Chloroethoxy)met...	10.381	93	923828	45.148	ng 98
29) 2,4-Dichlorophenol	10.628	162	704548	45.819	ng 99
30) 1,2,4-Trichlorobenzene	10.846	180	780454	45.779	ng 97
31) Naphthalene	11.040	128	2037916	44.455	ng 99
32) Benzoic acid	10.275	122	414939	41.657	ng 96
33) 4-Chloroaniline	11.140	127	470851	23.659	ng 97
34) Hexachlorobutadiene	11.322	225	499232	43.553	ng 99
35) Caprolactam	11.928	113	179633	40.743	ng 97
36) 4-Chloro-3-methylphenol	12.246	107	686897	42.138	ng 99
37) 2-Methylnaphthalene	12.628	142	1432653	40.891	ng 99
38) 1-Methylnaphthalene	12.845	142	1330793	40.583	ng 97
40) 1,2,4,5-Tetrachloroben...	12.993	216	882049	47.152	ng 99
41) Hexachlorocyclopentadiene	12.975	237	1021838	105.727	ng 98
43) 2,4,6-Trichlorophenol	13.228	196	586321	46.843	ng 99

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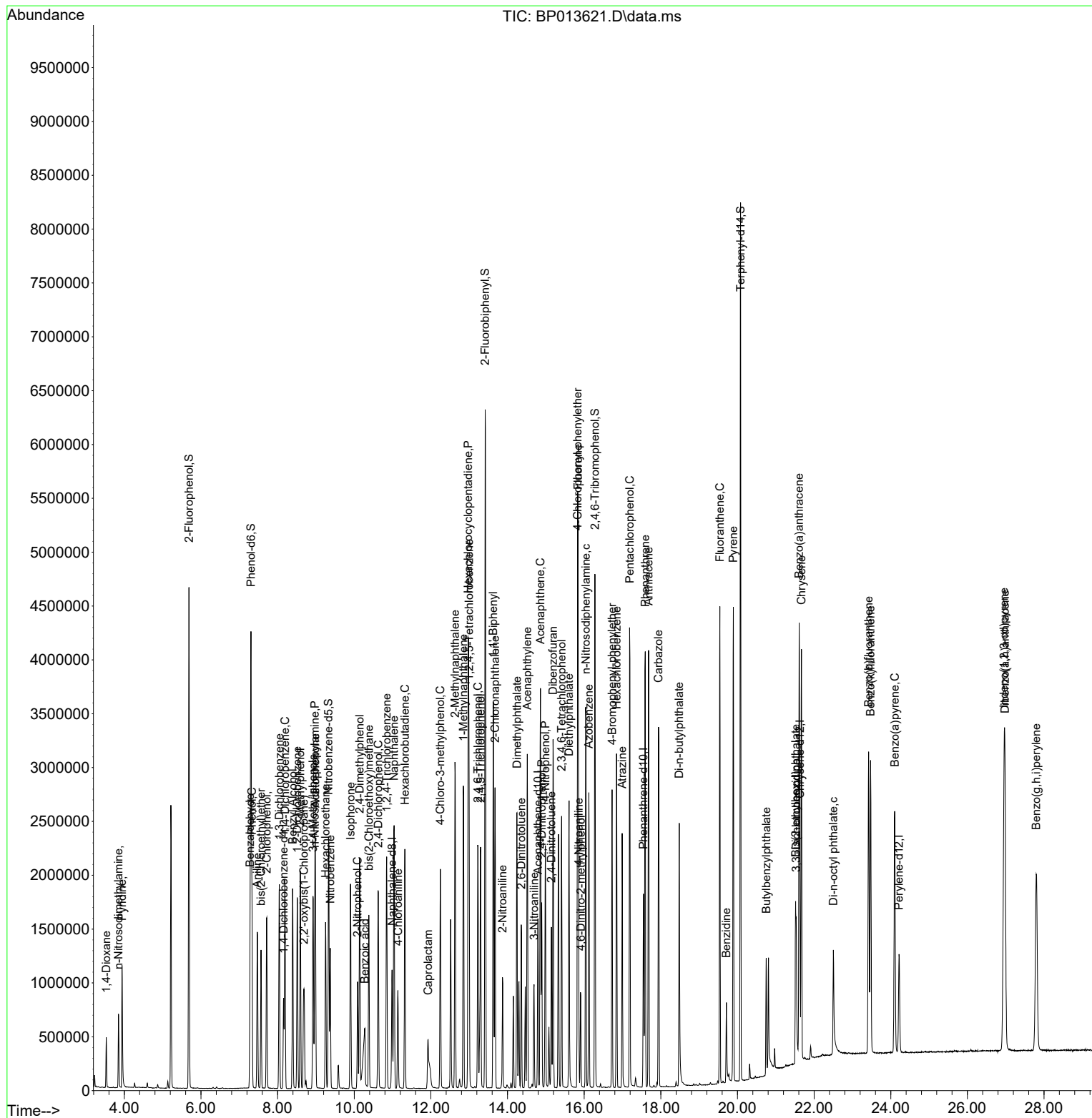
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	623103	42.568	ng	98
46) 1,1'-Biphenyl	13.628	154	1872038	46.786	ng	98
47) 2-Chloronaphthalene	13.675	162	1441346	47.202	ng	99
48) 2-Nitroaniline	13.869	65	255806	35.987	ng	98
49) Acenaphthylene	14.516	152	2233227	44.340	ng	100
50) Dimethylphthalate	14.245	163	1790289	42.925	ng	100
51) 2,6-Dinitrotoluene	14.363	165	328663	39.305	ng	95
52) Acenaphthene	14.857	154	1335178	41.420	ng	99
53) 3-Nitroaniline	14.692	138	235596	30.437	ng	96
54) 2,4-Dinitrophenol	14.892	184	386634	75.442	ng	98
55) Dibenzofuran	15.187	168	2156989	42.724	ng	98
56) 4-Nitrophenol	14.987	139	566259	83.290	ng	92
57) 2,4-Dinitrotoluene	15.145	165	425502	38.013	ng	95
58) Fluorene	15.839	166	1617235	41.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	539951	42.580	ng	100
60) Diethylphthalate	15.604	149	1646490	43.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.828	204	910826	41.780	ng	99
62) 4-Nitroaniline	15.857	138	277095	37.207	ng	92
63) Azobenzene	16.122	77	1583587	40.805	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	220596	37.906	ng	98
66) n-Nitrosodiphenylamine	16.045	169	1435337	48.134	ng	98
67) 4-Bromophenyl-phenylether	16.728	248	573365	45.961	ng	99
68) Hexachlorobenzene	16.845	284	673263	49.374	ng	98
69) Atrazine	16.992	200	460315	50.498	ng	99
70) Pentachlorophenol	17.186	266	820534	77.429	ng	100
71) Phenanthrene	17.592	178	2564764	46.204	ng	100
72) Anthracene	17.680	178	2533485	45.169	ng	100
73) Carbazole	17.939	167	2172063	43.458	ng	100
74) Di-n-butylphthalate	18.480	149	2077701	45.479	ng	99
75) Fluoranthene	19.539	202	2662568	38.457	ng	99
77) Benzidine	19.710	184	551277	76.256	ng	99
78) Pyrene	19.892	202	2688645	50.382	ng	100
80) Butylbenzylphthalate	20.751	149	296304	41.231	ng	97
81) Benzo(a)anthracene	21.610	228	2212419	45.565	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	415136	35.753	ng	# 96
83) Chrysene	21.669	228	2061137	45.177	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	465098	42.227	ng	99
85) Di-n-octyl phthalate	22.504	149	826363	46.000	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	2935183	56.010	ng	98
88) Benzo(b)fluoranthene	23.421	252	2154309	45.016	ng	98
89) Benzo(k)fluoranthene	23.474	252	2159547	45.456	ng	99
90) Benzo(a)pyrene	24.104	252	1947298	43.232	ng	98
91) Dibenzo(a,h)anthracene	26.980	278	2462808	56.479	ng	98
92) Benzo(g,h,i)perylene	27.798	276	2459736	57.289	ng	98

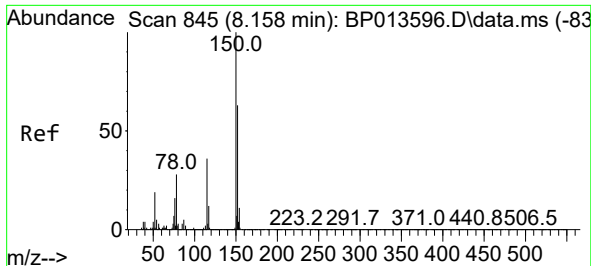
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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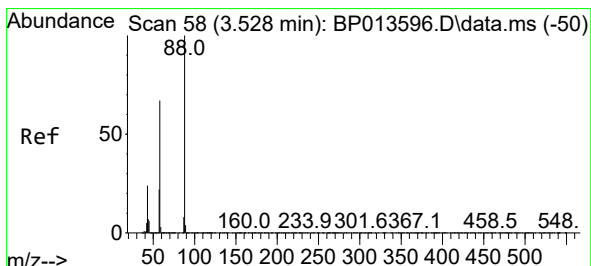
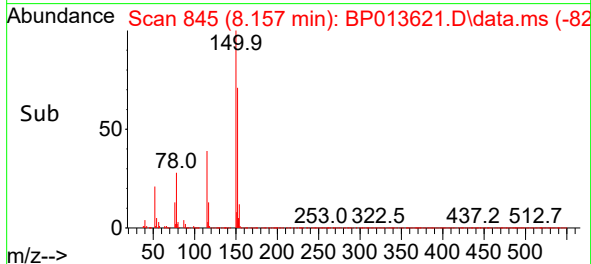
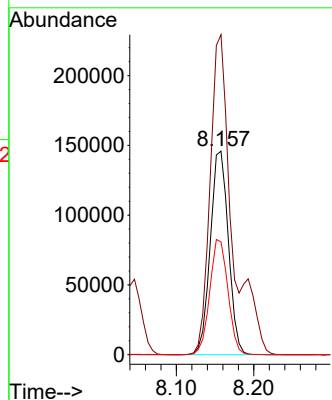
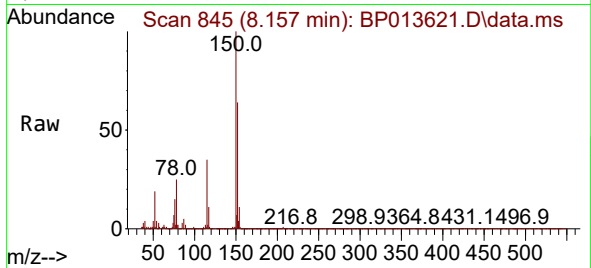




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.157 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BP013621.D
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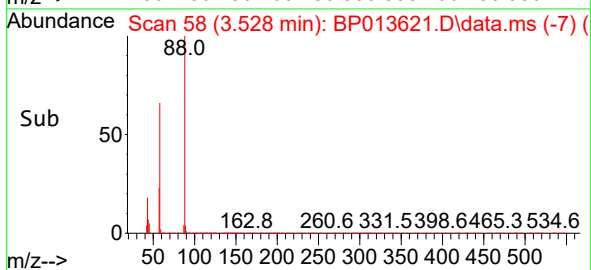
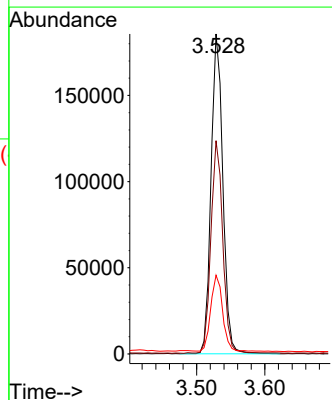
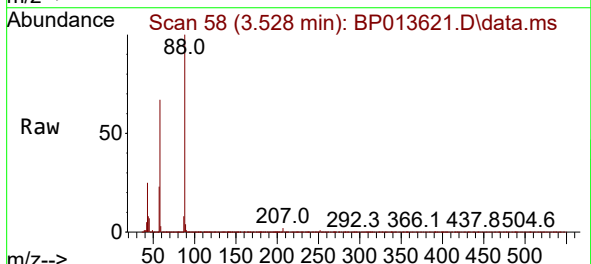
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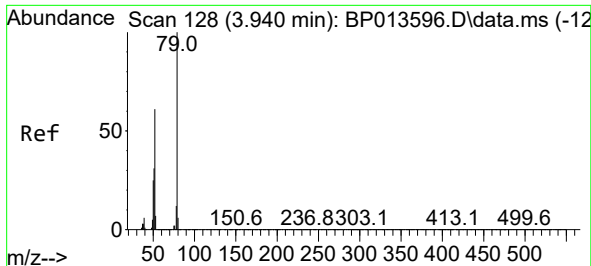
Tgt Ion:152 Resp: 237009
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 55.4 45.1 67.7



#2
 1,4-Dioxane
 Concen: 38.368 ng
 RT: 3.528 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BP013621.D
 Acq: 27 Jan 2023 17:02

Tgt Ion: 88 Resp: 223743
 Ion Ratio Lower Upper
 88 100
 58 66.5 54.2 81.4
 43 24.5 20.4 30.6





#3

Pyridine

Concen: 36.524 ng

RT: 3.940 min Scan# 112

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

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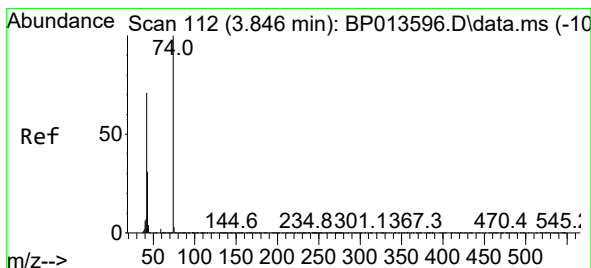
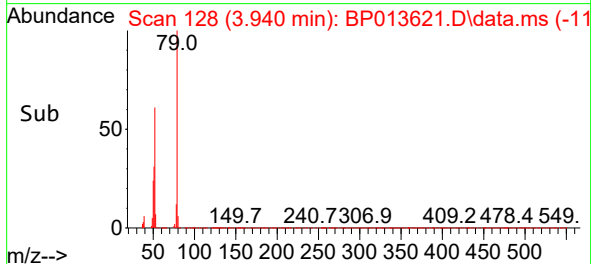
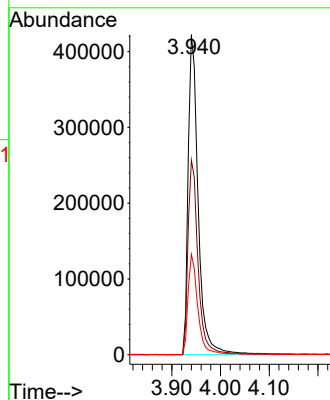
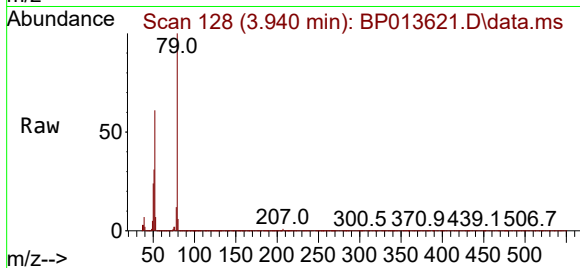
Tgt Ion: 79 Resp: 605424

Ion Ratio Lower Upper

79 100

52 60.8 48.6 73.0

51 31.3 25.1 37.7



#4

n-Nitrosodimethylamine

Concen: 42.636 ng

RT: 3.846 min Scan# 112

Delta R.T. -0.000 min

Lab File: BP013621.D

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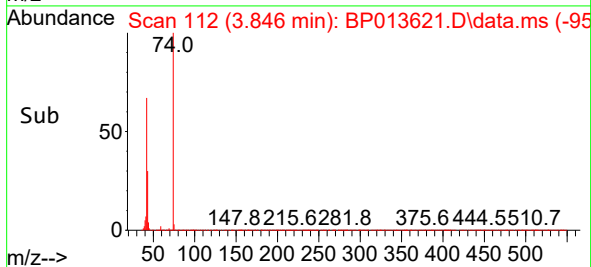
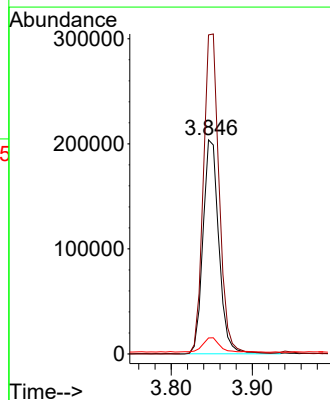
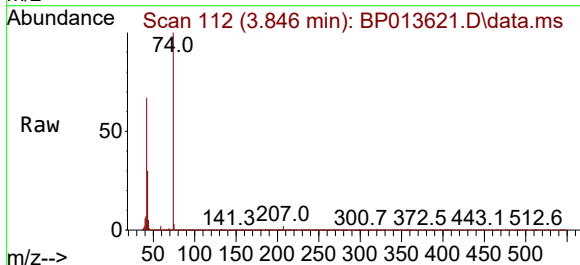
Tgt Ion: 42 Resp: 276210

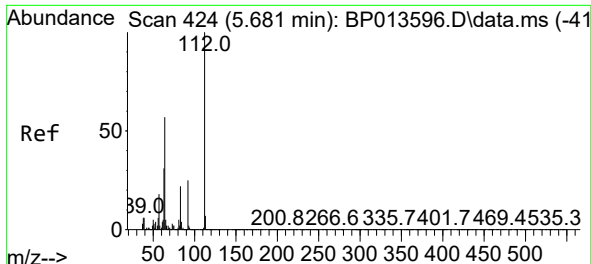
Ion Ratio Lower Upper

42 100

74 149.0 112.2 168.2

44 7.5 5.6 8.4

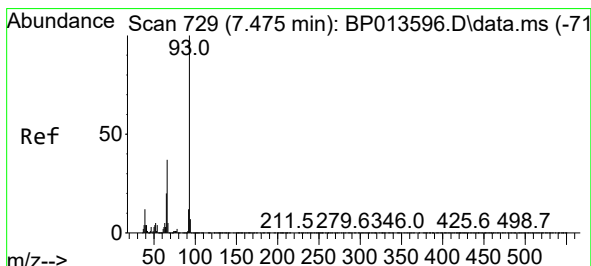
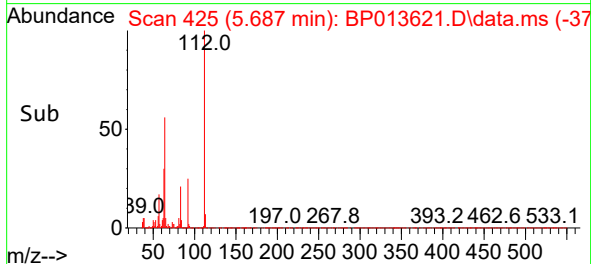
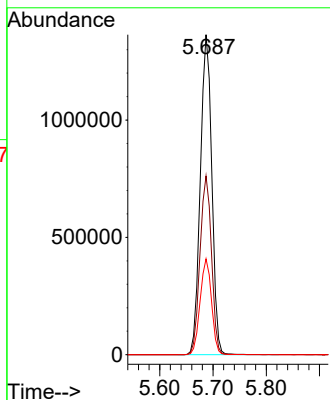
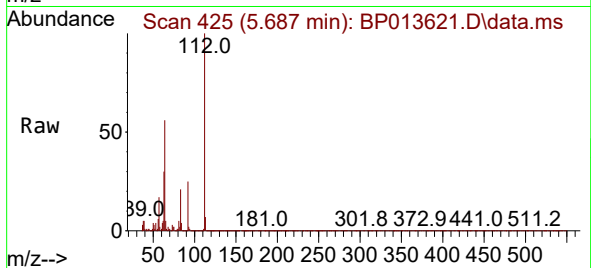




#5
2-Fluorophenol
Concen: 153.993 ng
RT: 5.687 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013621.D
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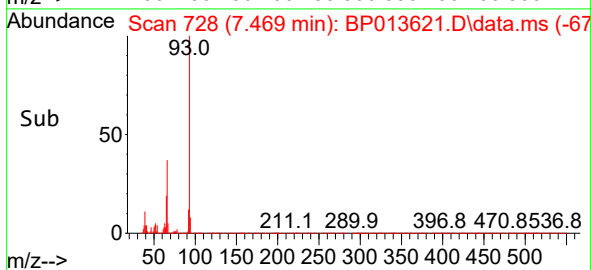
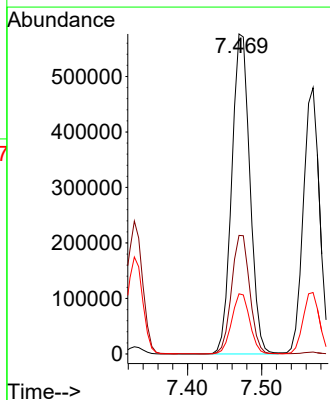
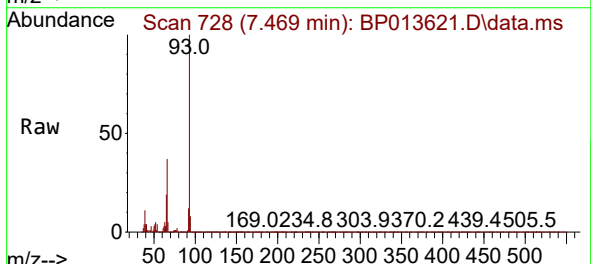
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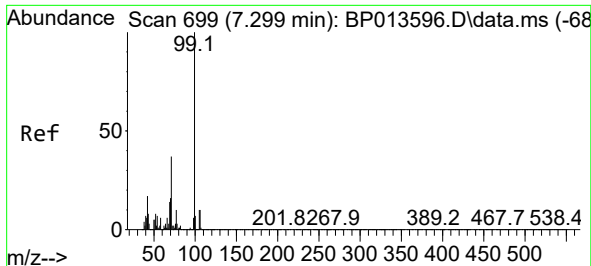
Tgt Ion:112 Resp: 2036750
Ion Ratio Lower Upper
112 100
64 55.9 45.5 68.3
63 29.9 25.1 37.7



#6
Aniline
Concen: 41.385 ng
RT: 7.469 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 93 Resp: 979978
Ion Ratio Lower Upper
93 100
66 37.1 29.8 44.8
65 18.8 15.8 23.6

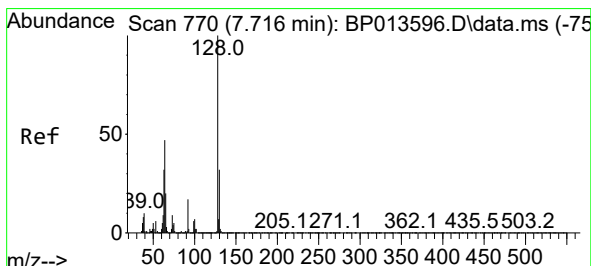
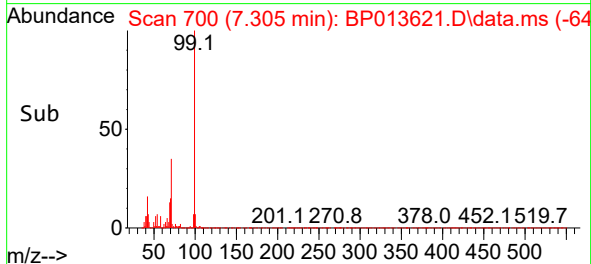
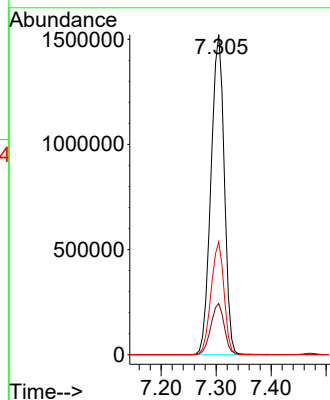
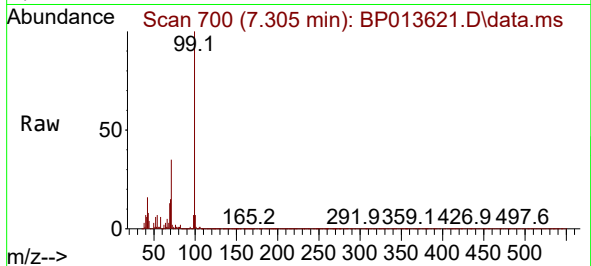




#7
Phenol-d6
Concen: 143.104 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

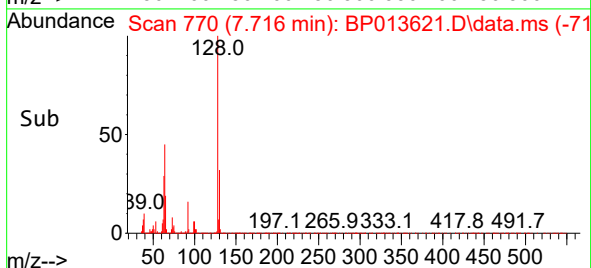
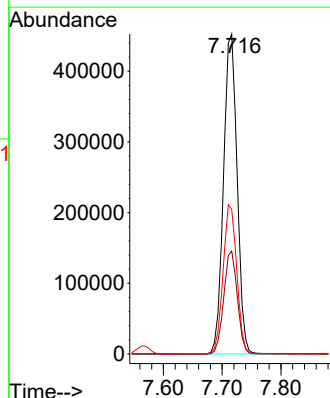
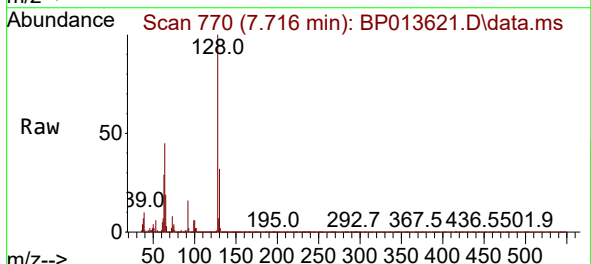
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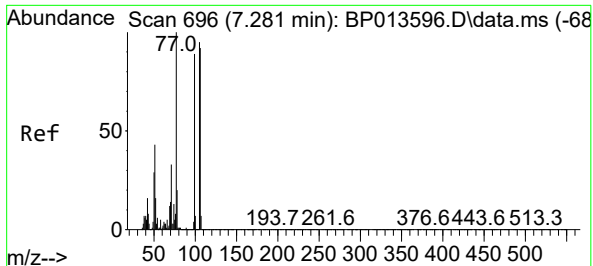
Tgt Ion: 99 Resp: 2556848
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 35.3 29.9 44.9



#8
2-Chlorophenol
Concen: 51.907 ng
RT: 7.716 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 128 Resp: 728780
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 45.2 26.8 66.8

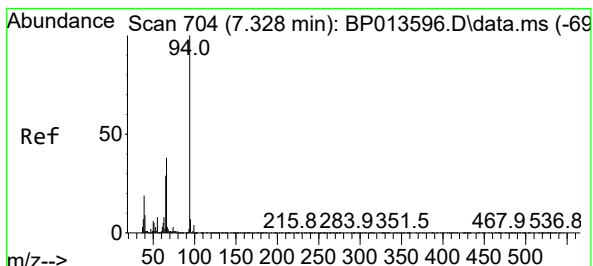
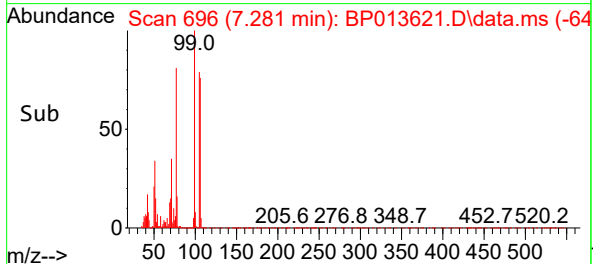
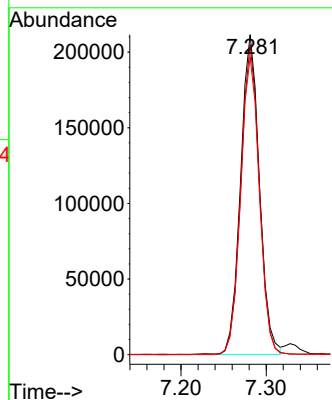
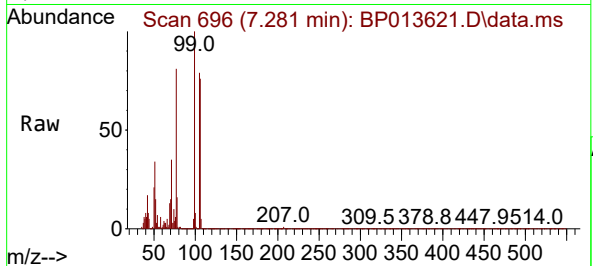




#9
Benzaldehyde
Concen: 27.046 ng
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
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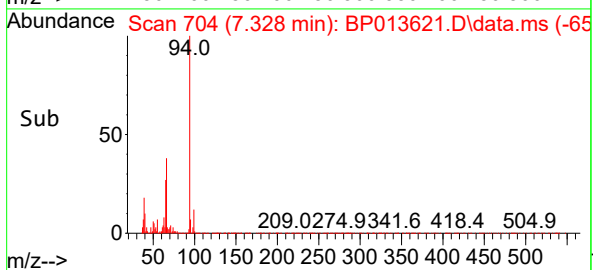
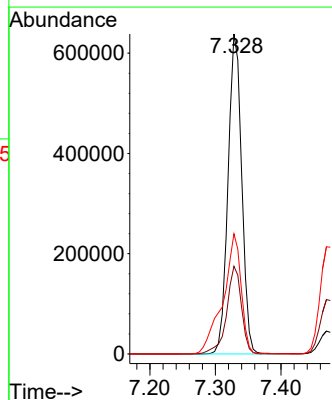
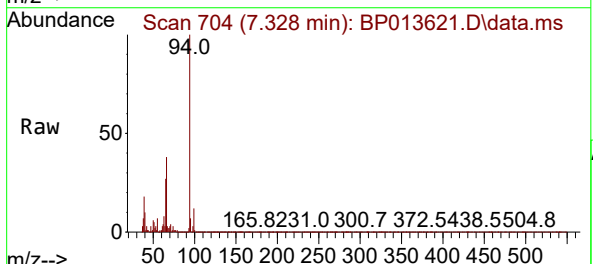
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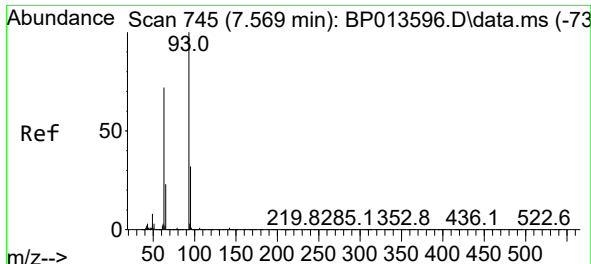
Tgt Ion: 77 Resp: 323451
Ion Ratio Lower Upper
77 100
105 96.9 74.8 114.8
106 93.0 71.5 111.5



#10
Phenol
Concen: 49.331 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 94 Resp: 923268
Ion Ratio Lower Upper
94 100
65 27.4 8.7 48.7
66 37.5 18.4 58.4

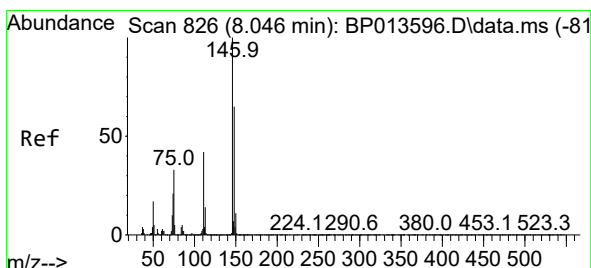
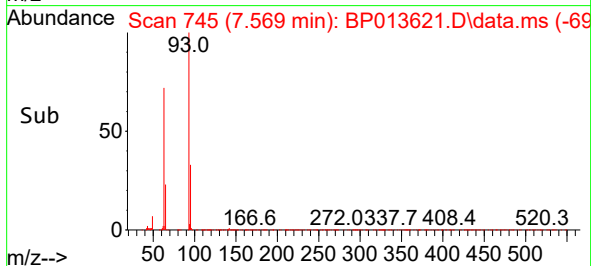
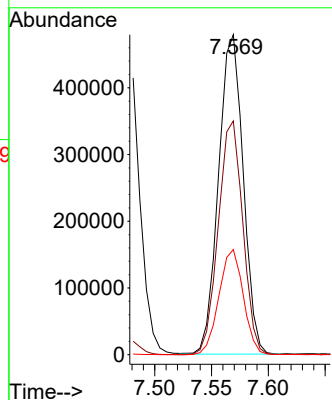
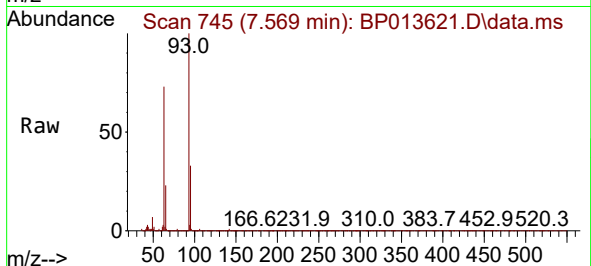




#11
bis(2-Chloroethyl)ether
Concen: 46.646 ng
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

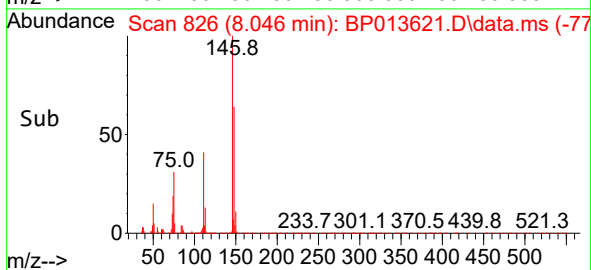
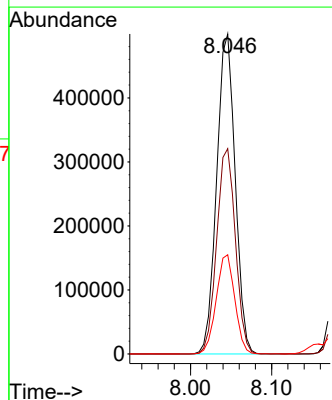
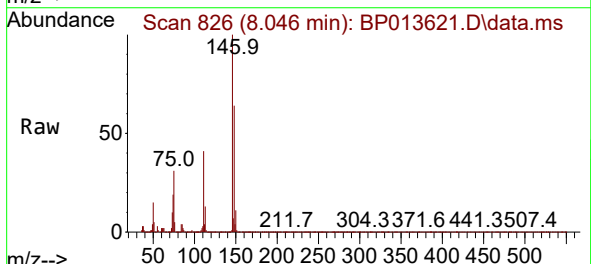
Instrument :
BNA_P
ClientSampleId :
PB150378BS

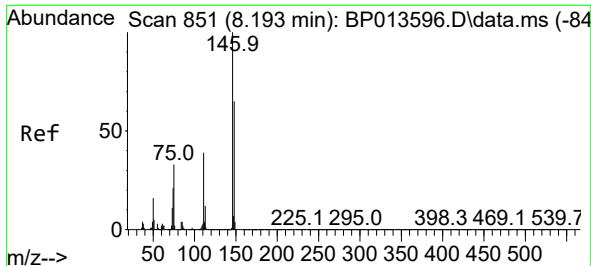
Tgt Ion: 93 Resp: 722967
Ion Ratio Lower Upper
93 100
63 73.1 52.1 92.1
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 48.869 ng
RT: 8.046 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 146 Resp: 792027
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.2
75 31.0 26.6 40.0

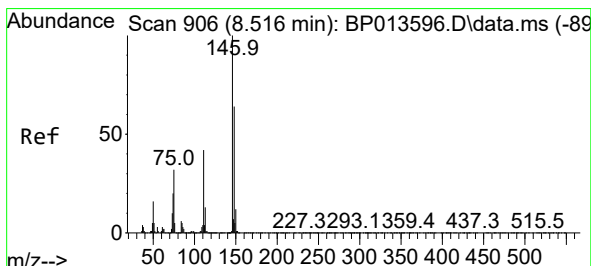
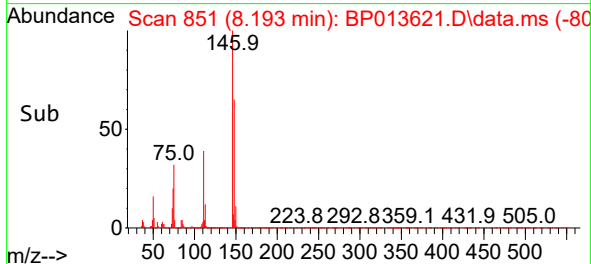
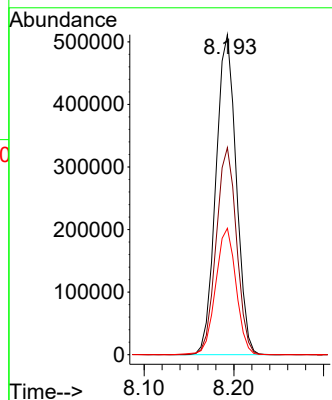
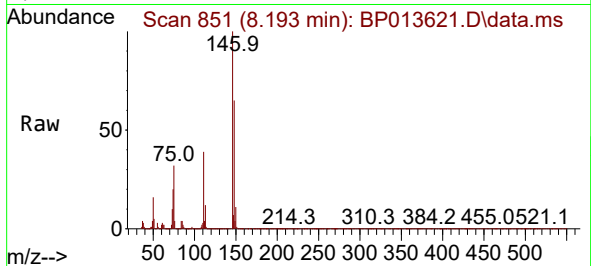




#13
1,4-Dichlorobenzene
Concen: 48.971 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

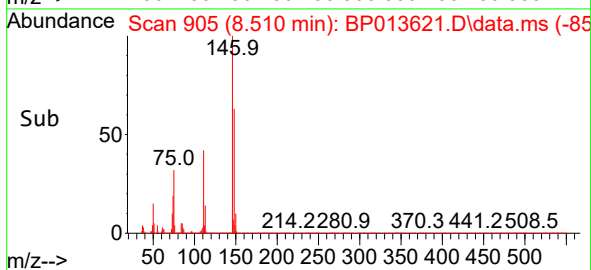
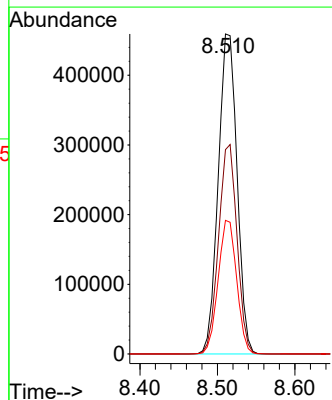
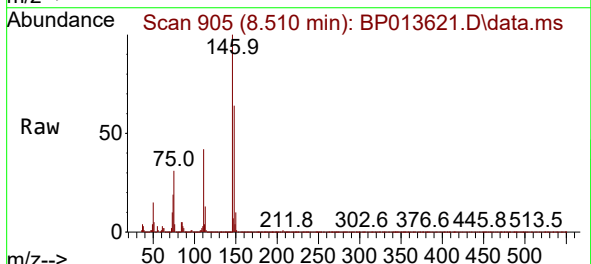
Instrument :
BNA_P
ClientSampleId :
PB150378BS

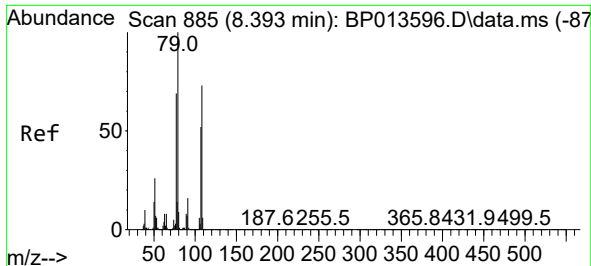
Tgt Ion:146 Resp: 804819
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 39.5 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 50.083 ng
RT: 8.510 min Scan# 905
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:146 Resp: 774924
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 41.8 33.3 49.9

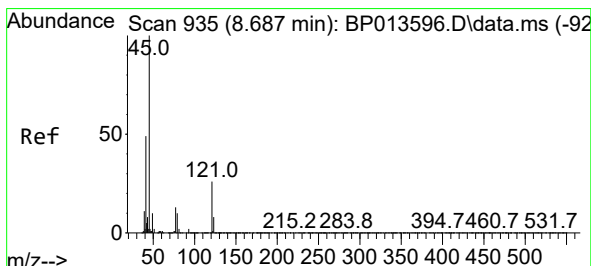
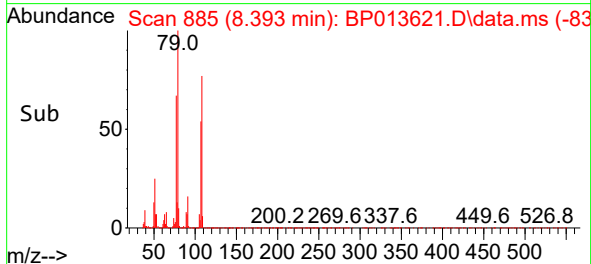
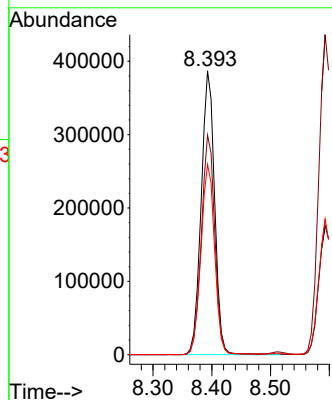
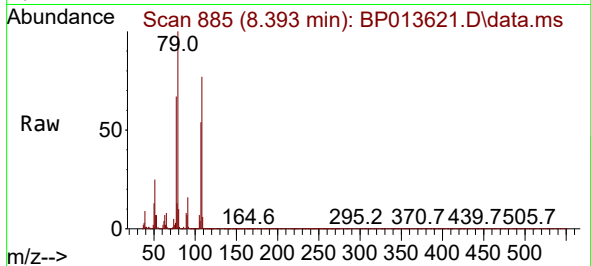




#15
Benzyl Alcohol
Concen: 44.197 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

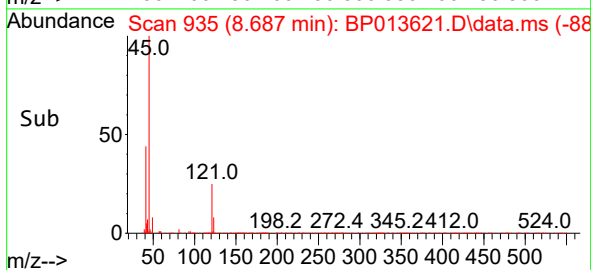
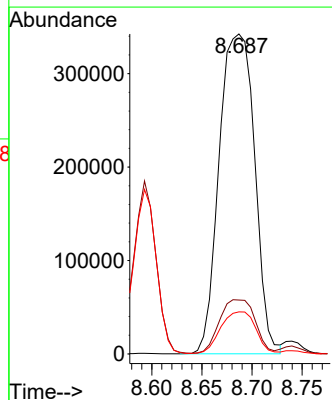
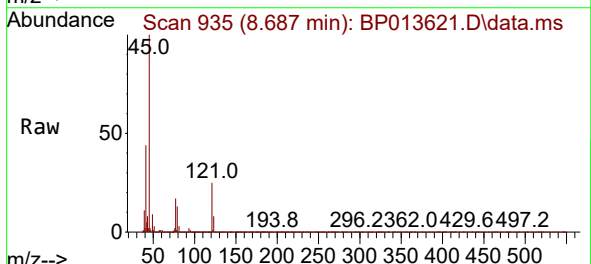
Instrument :
BNA_P
ClientSampleId :
PB150378BS

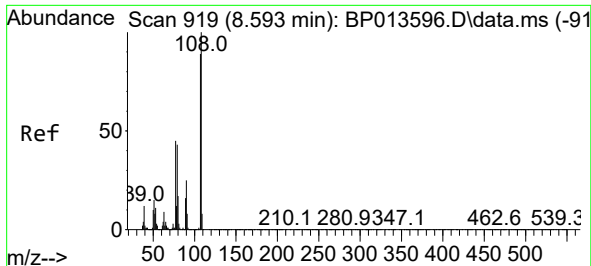
Tgt Ion: 79 Resp: 613178
Ion Ratio Lower Upper
79 100
108 77.4 58.4 87.6
77 67.0 55.0 82.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.344 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 45 Resp: 844357
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.2
79 13.2 0.0 33.7

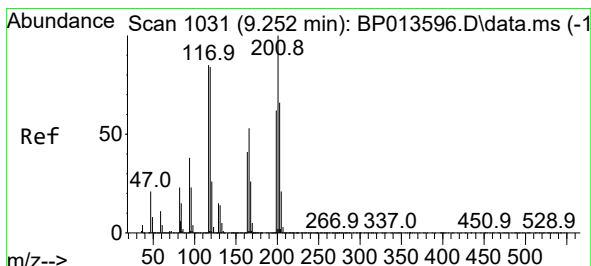
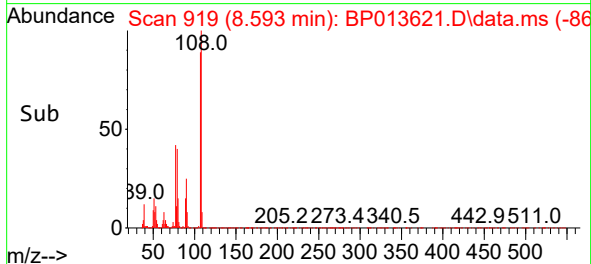
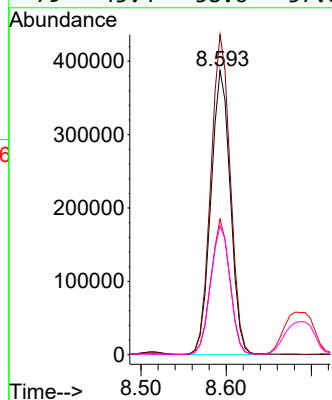
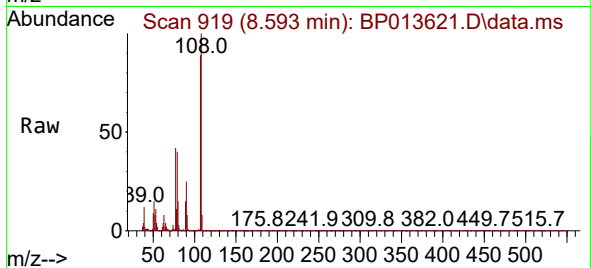




#17
2-Methylphenol
Concen: 45.447 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

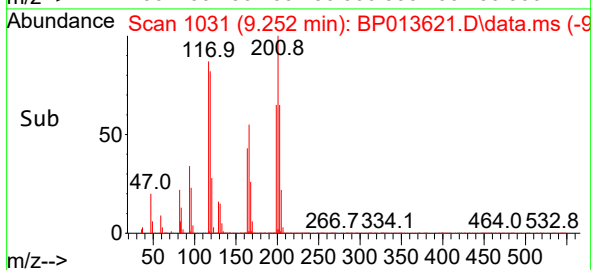
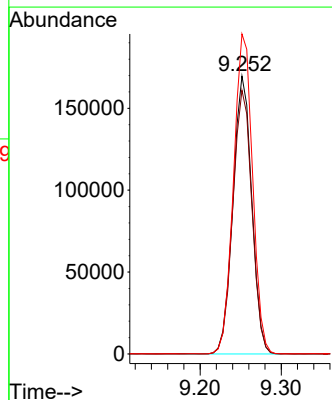
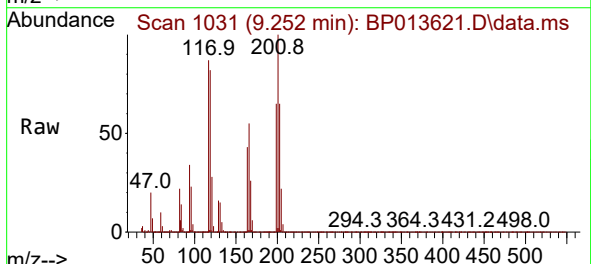
Instrument :
BNA_P
ClientSampleId :
PB150378BS

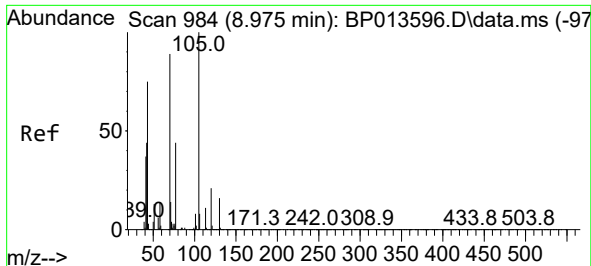
Tgt Ion:	107	Resp:	613773
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.6	134.4
77	47.8	40.4	60.6
79	45.4	38.6	57.8



#18
Hexachloroethane
Concen: 46.412 ng
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:	117	Resp:	273258
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.6	118.0
201	115.1	94.0	141.0

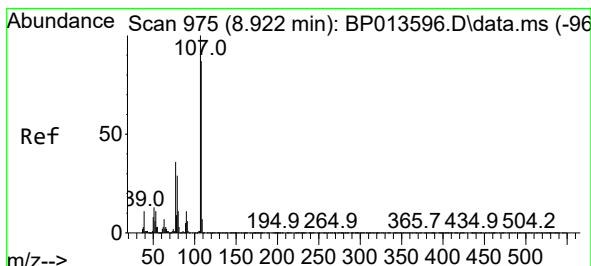
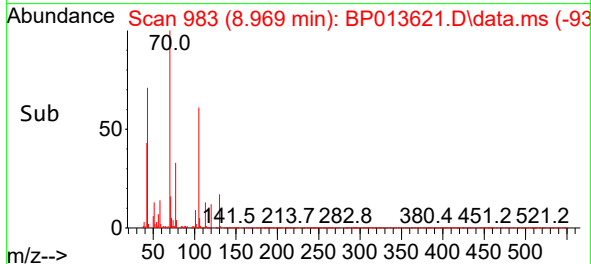
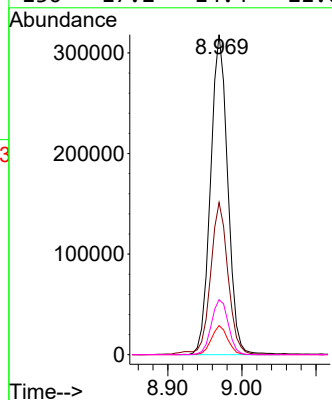
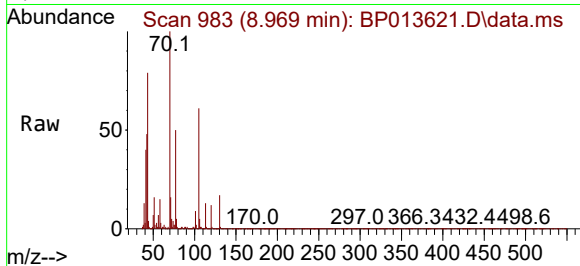




#19
n-Nitroso-di-n-propylamine
Concen: 44.165 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

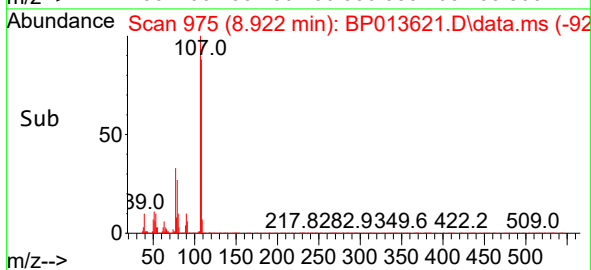
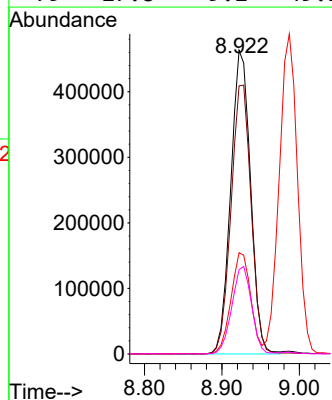
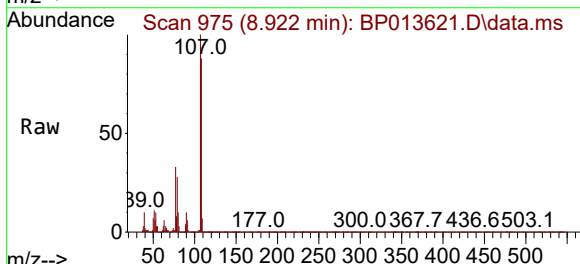
Instrument :
BNA_P
ClientSampleId :
PB150378BS

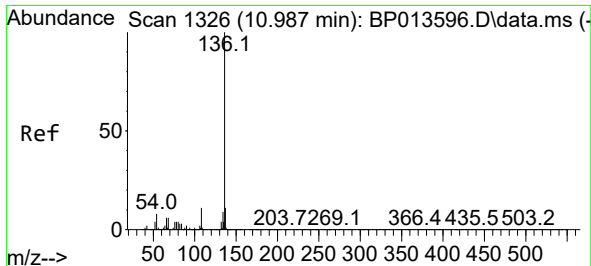
Tgt Ion: 70 Resp: 512814
Ion Ratio Lower Upper
70 100
42 47.6 40.1 60.1
101 9.1 7.0 10.4
130 17.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 44.469 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 107 Resp: 823019
Ion Ratio Lower Upper
107 100
108 88.3 67.4 107.4
77 33.3 15.9 55.9
79 27.8 9.2 49.2



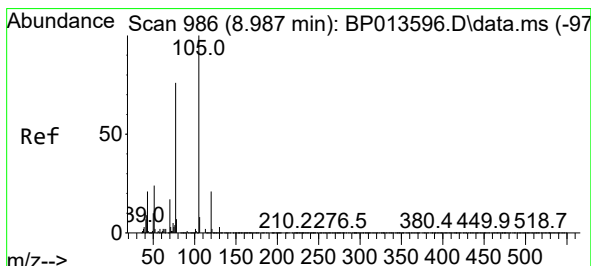
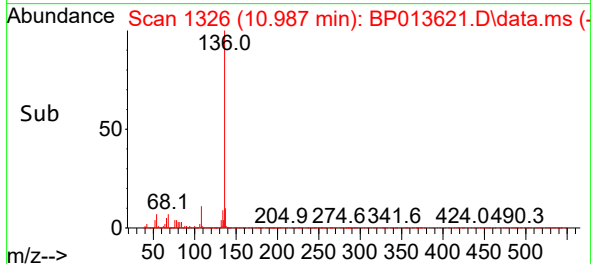
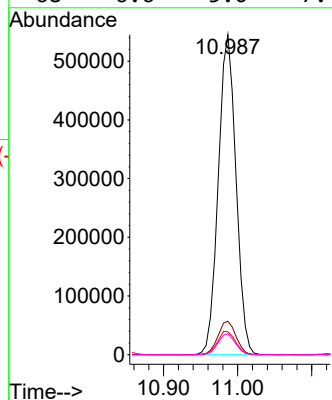
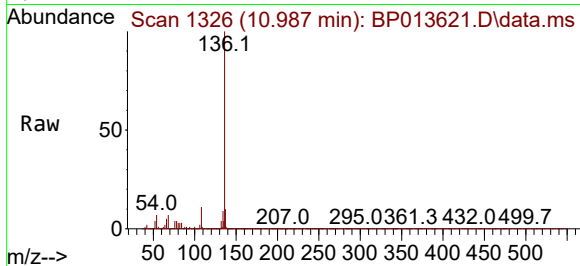


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion:136 Resp: 902156

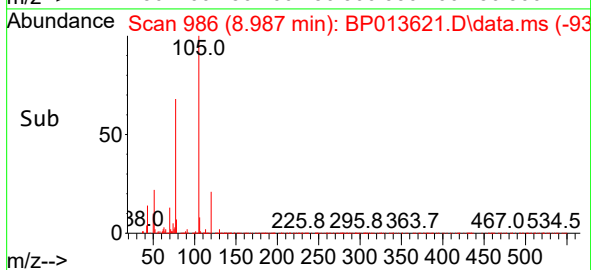
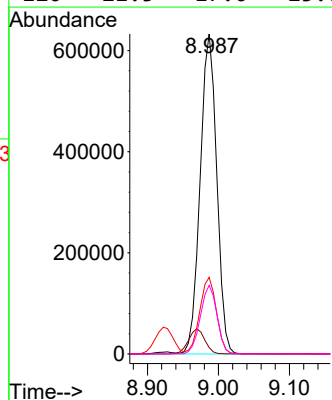
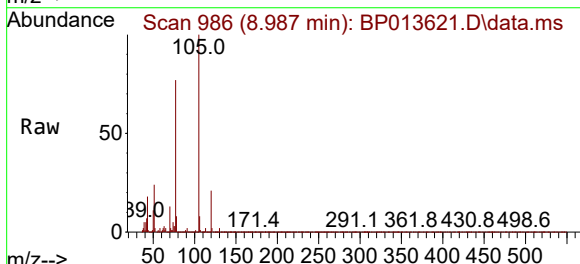
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.2	6.1	9.1
68	6.6	5.0	7.4

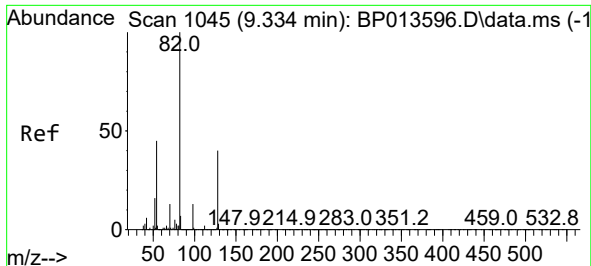


#22
Acetophenone
Concen: 45.126 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:105 Resp: 1027584

Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.5	3.7#
51	23.9	20.6	31.0
120	21.5	17.0	25.6





#23

Nitrobenzene-d5

Concen: 87.145 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

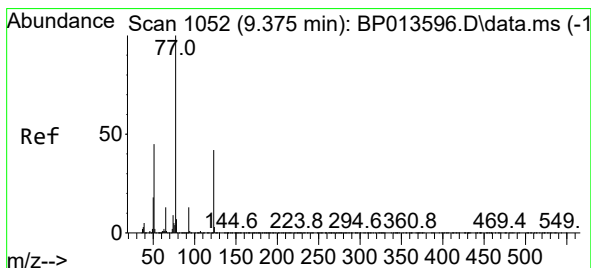
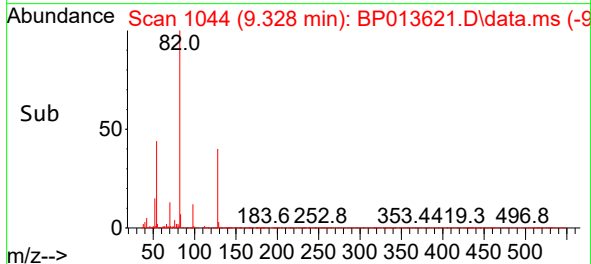
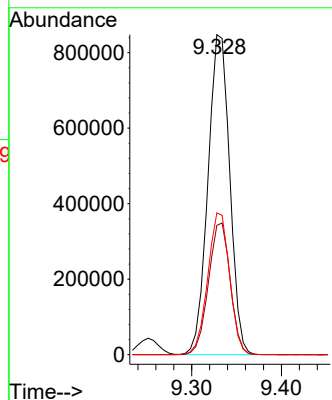
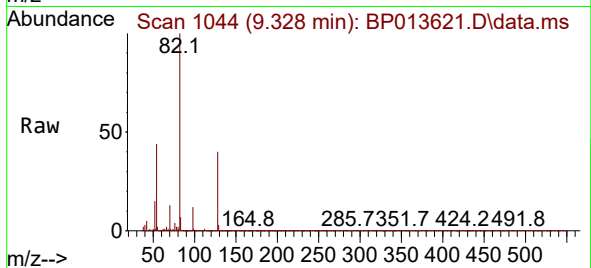
Tgt Ion: 82 Resp: 1430783

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.8

54 44.3 36.2 54.2



#24

Nitrobenzene

Concen: 43.679 ng

RT: 9.375 min Scan# 1052

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

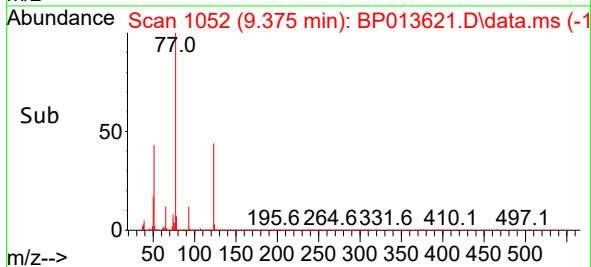
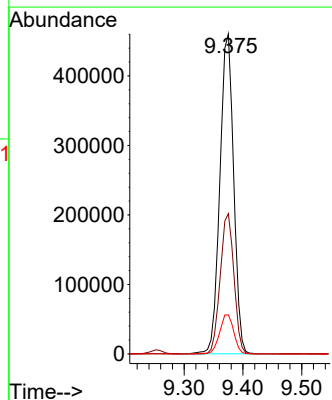
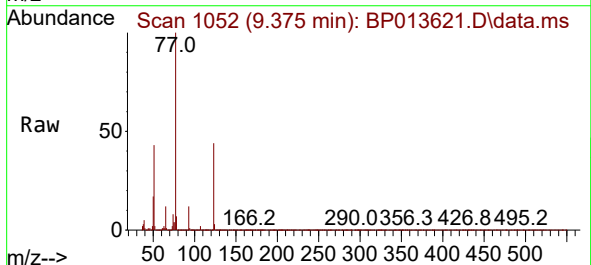
Tgt Ion: 77 Resp: 750548

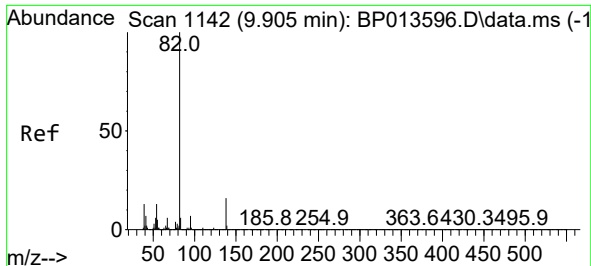
Ion Ratio Lower Upper

77 100

123 43.8 33.9 50.9

65 12.2 10.2 15.4

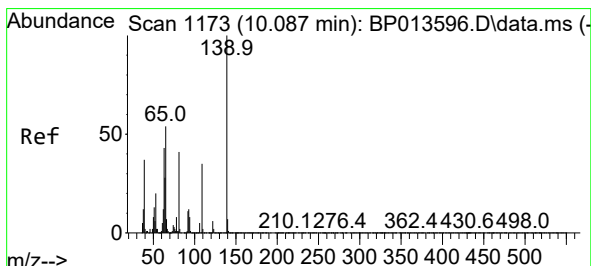
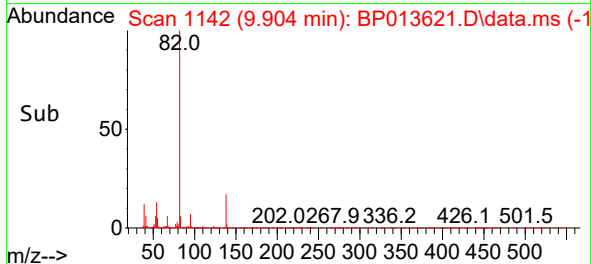
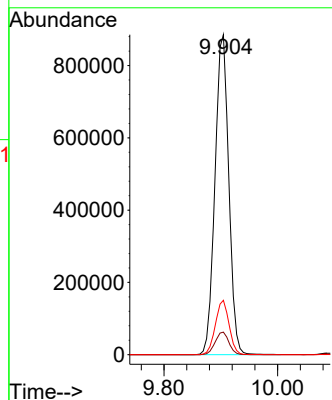
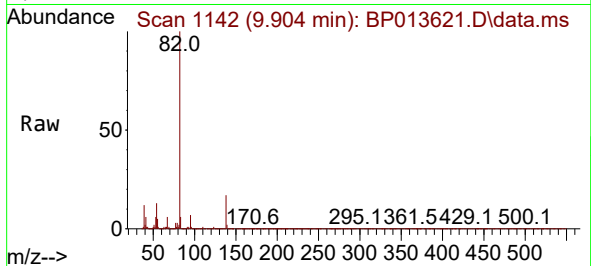




#25
Isophorone
Concen: 41.414 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

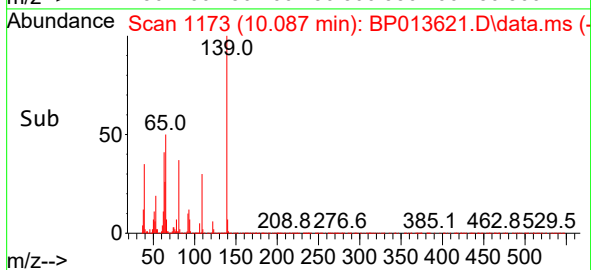
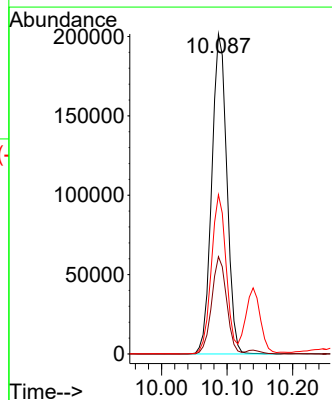
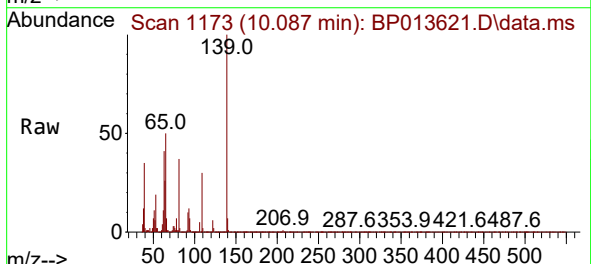
Instrument :
BNA_P
ClientSampleId :
PB150378BS

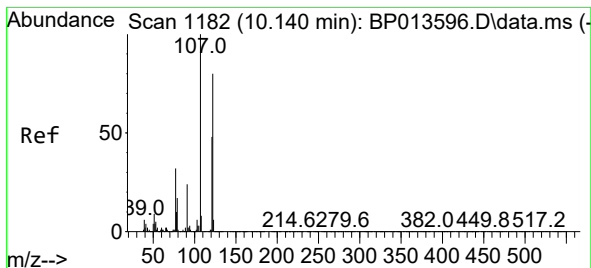
Tgt Ion: 82 Resp: 1489443
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 17.0 13.0 19.6



#26
2-Nitrophenol
Concen: 43.634 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 139 Resp: 322083
Ion Ratio Lower Upper
139 100
109 30.4 27.8 41.8
65 49.8 43.1 64.7

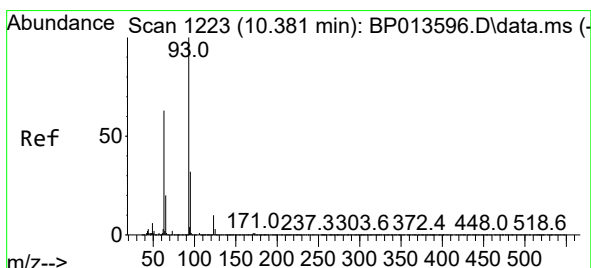
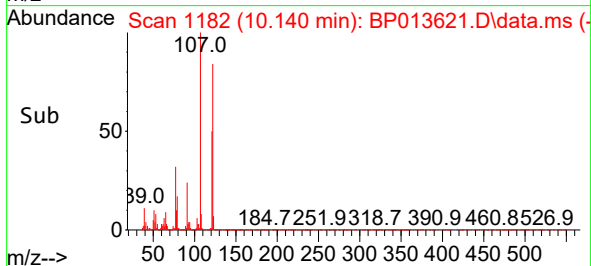
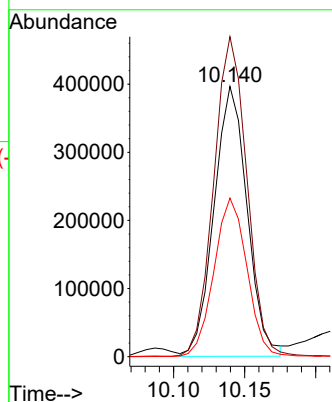
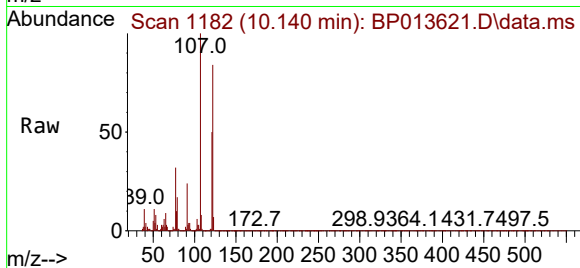




#27
2,4-Dimethylphenol
Concen: 46.931 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

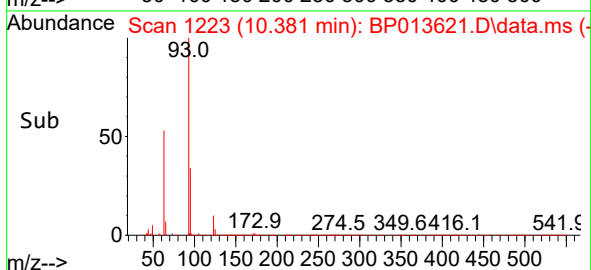
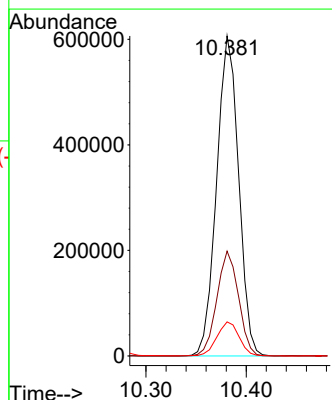
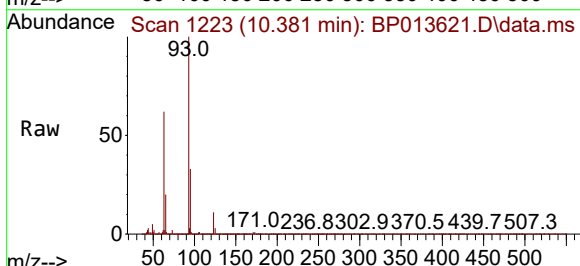
Instrument :
BNA_P
ClientSampleId :
PB150378BS

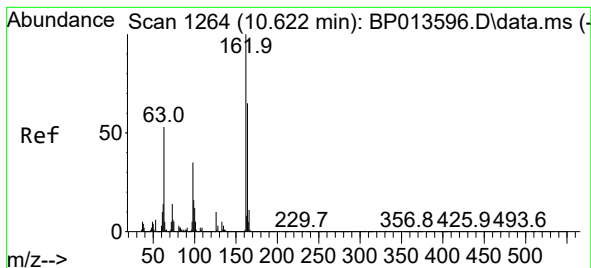
Tgt Ion:122 Resp: 641263
Ion Ratio Lower Upper
122 100
107 118.4 99.2 148.8
121 58.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.148 ng
RT: 10.381 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 93 Resp: 923828
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 45.819 ng

RT: 10.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

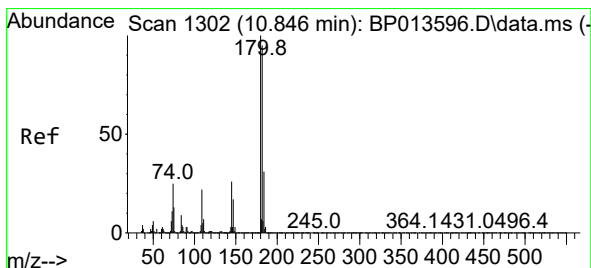
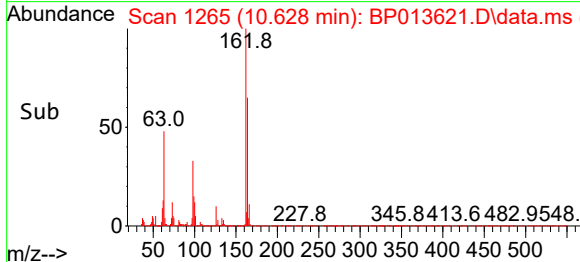
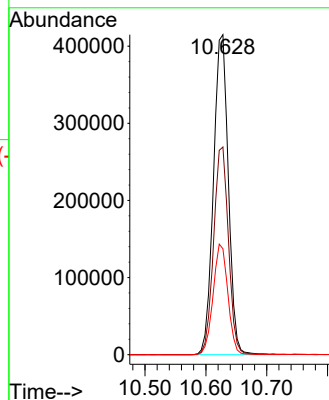
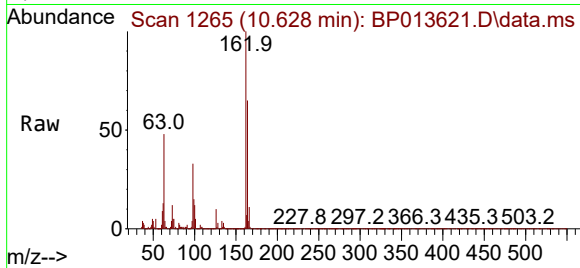
Tgt Ion:162 Resp: 704548

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

98 33.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.779 ng

RT: 10.846 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

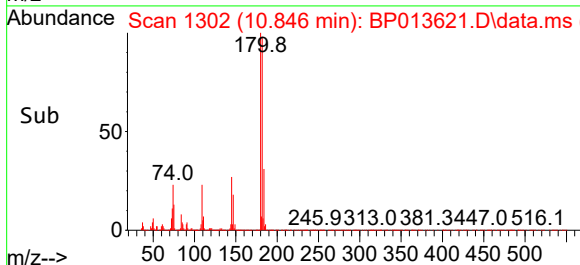
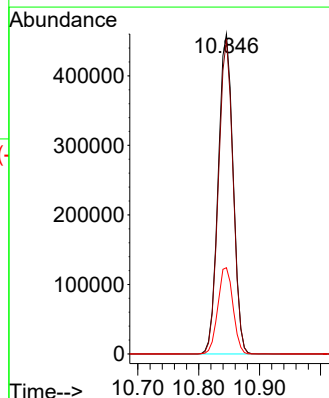
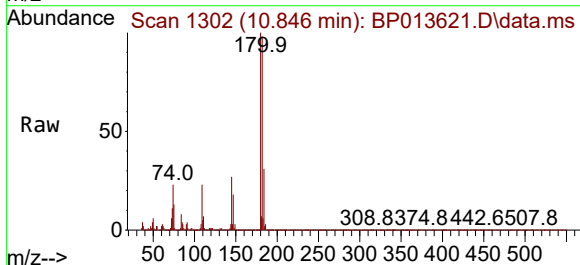
Tgt Ion:180 Resp: 780454

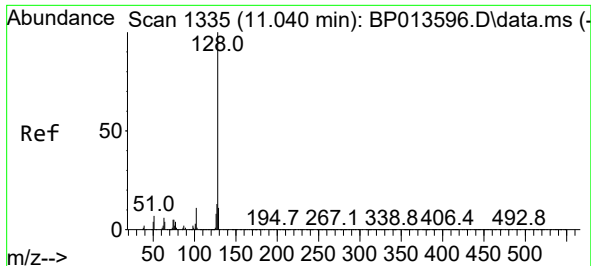
Ion Ratio Lower Upper

180 100

182 98.4 75.9 113.9

145 27.0 21.1 31.7

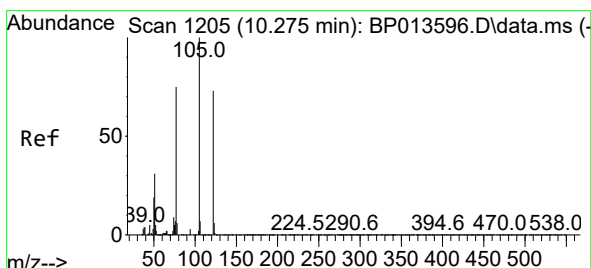
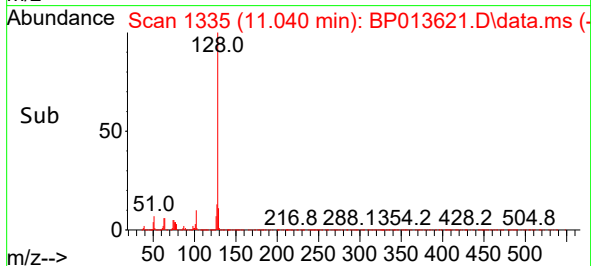
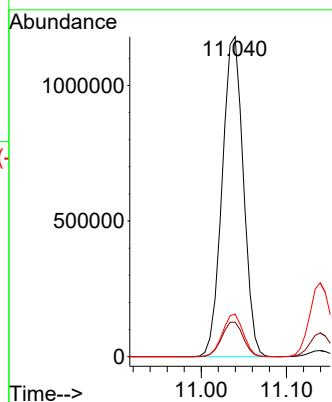
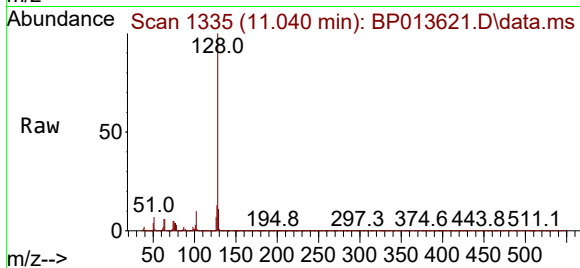




#31
Naphthalene
Concen: 44.455 ng
RT: 11.040 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

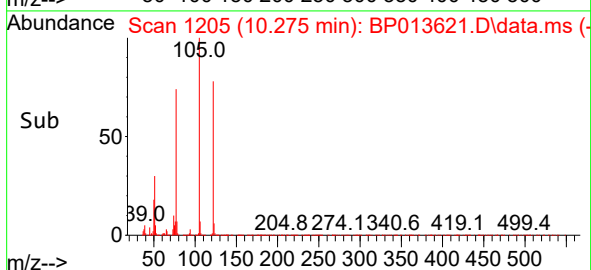
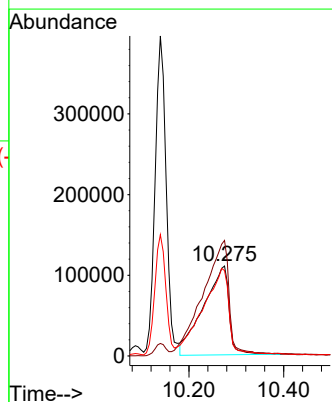
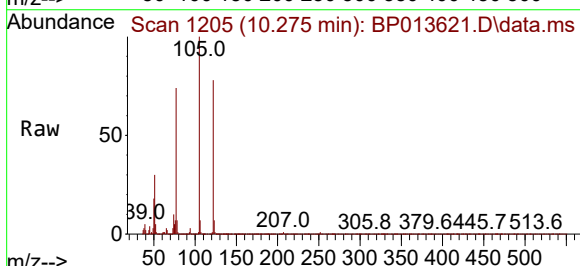
Instrument :
BNA_P
ClientSampleId :
PB150378BS

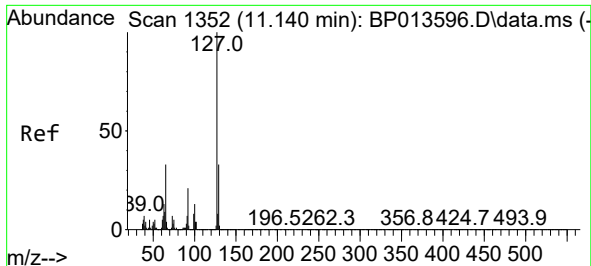
Tgt Ion:128 Resp: 2037916
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 41.657 ng
RT: 10.275 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:122 Resp: 414939
Ion Ratio Lower Upper
122 100
105 128.3 110.7 150.7
77 95.0 81.1 121.1

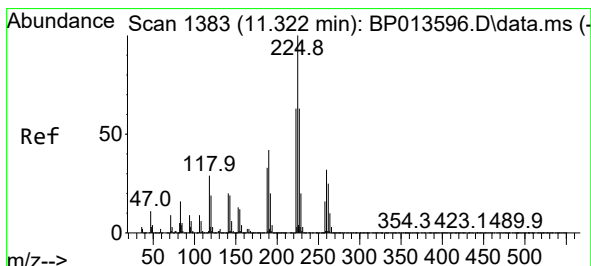
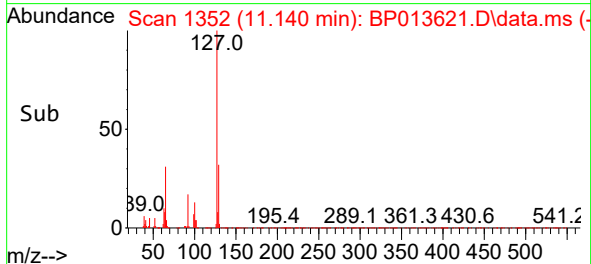
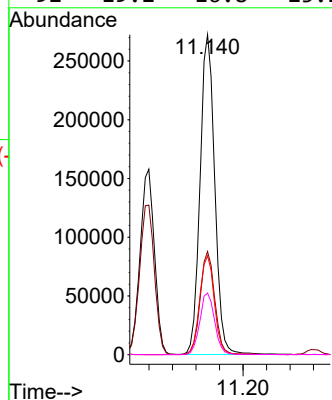
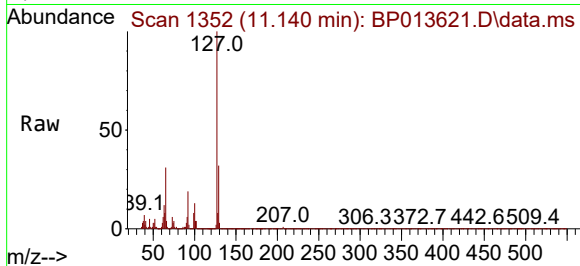




#33
4-Chloroaniline
Concen: 23.659 ng
RT: 11.140 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

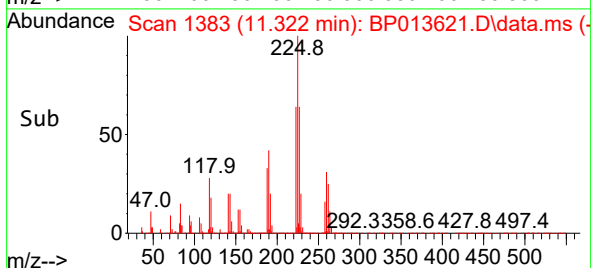
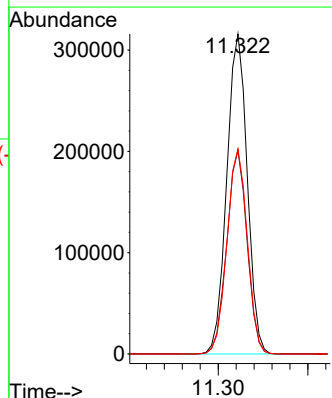
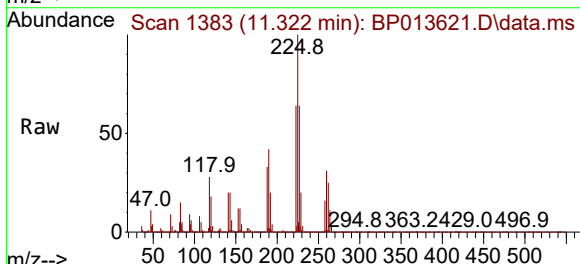
Instrument :
BNA_P
ClientSampleId :
PB150378BS

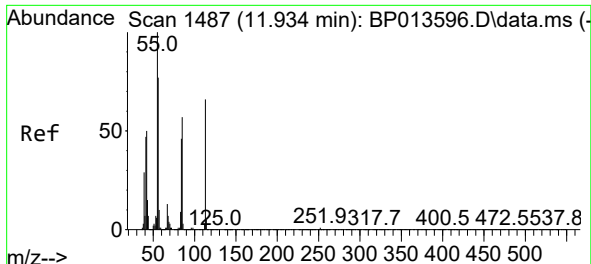
Tgt Ion:	127	Resp:	470851
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	30.9	26.3	39.5
92	19.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.553 ng
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:	225	Resp:	499232
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	64.1	50.5	75.7

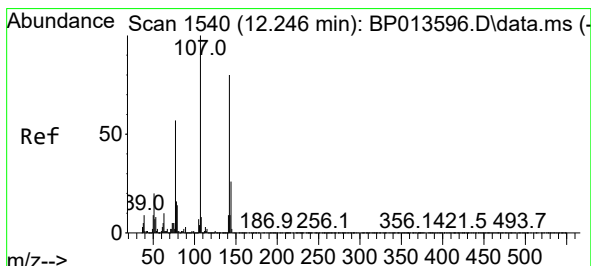
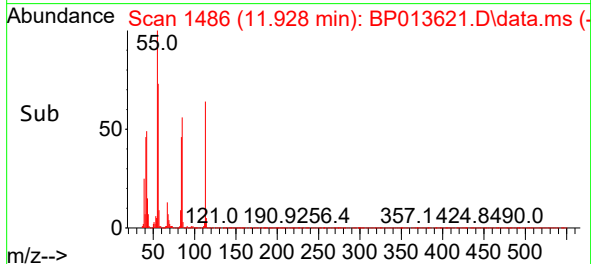
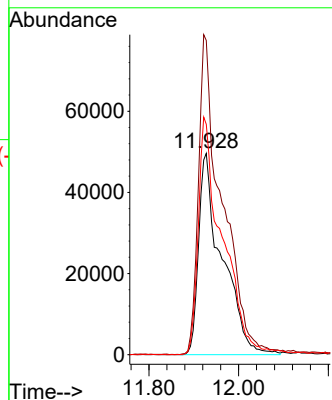
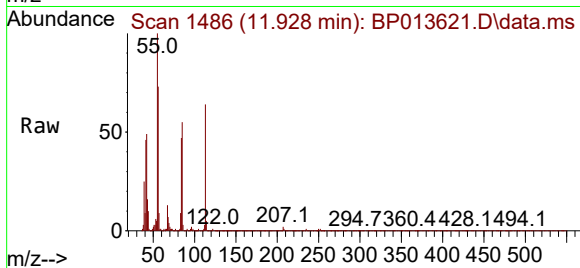




#35
Caprolactam
Concen: 40.743 ng
RT: 11.928 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

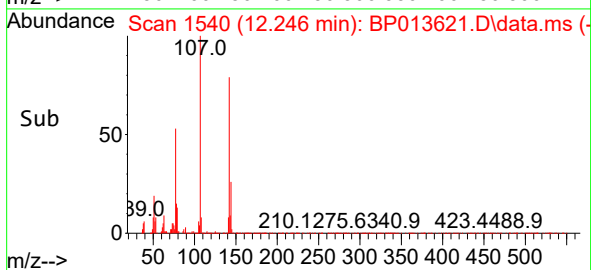
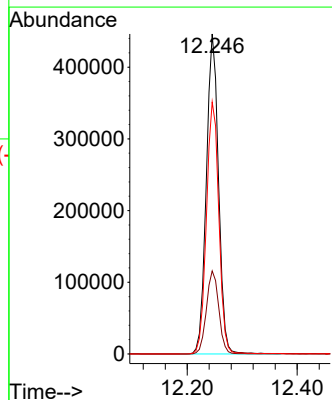
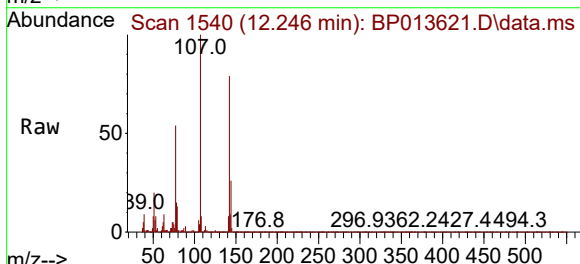
Instrument :
BNA_P
ClientSampleId :
PB150378BS

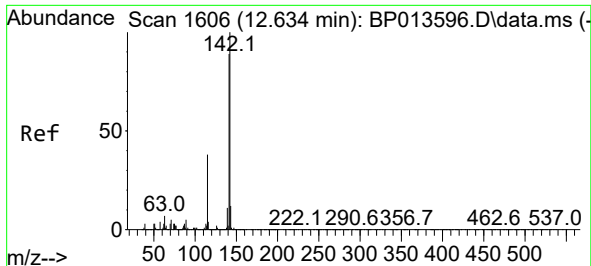
Tgt Ion:113 Resp: 179633
Ion Ratio Lower Upper
113 100
55 156.1 131.6 171.6
56 114.5 97.2 137.2



#36
4-Chloro-3-methylphenol
Concen: 42.138 ng
RT: 12.246 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:107 Resp: 686897
Ion Ratio Lower Upper
107 100
144 25.9 20.9 31.3
142 78.8 64.2 96.4

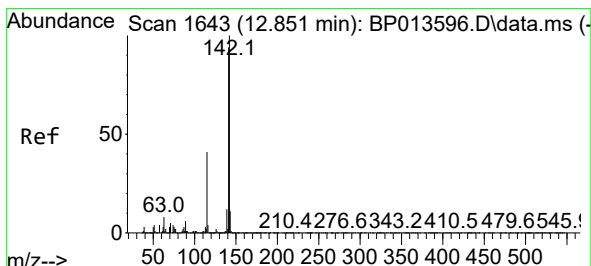
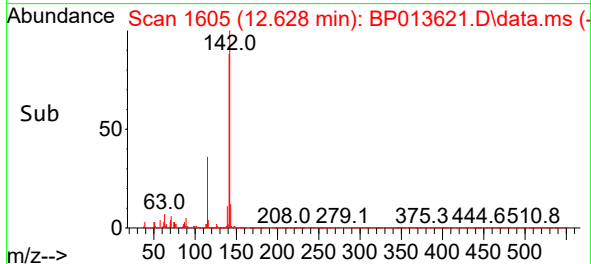
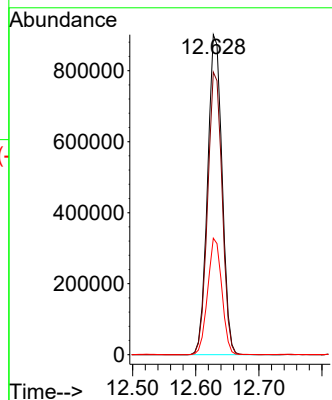
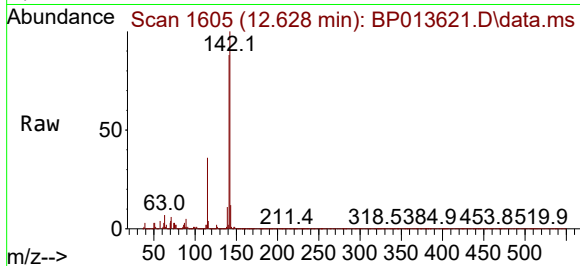




#37
2-Methylnaphthalene
Concen: 40.891 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

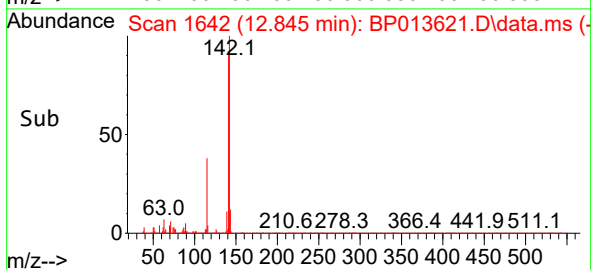
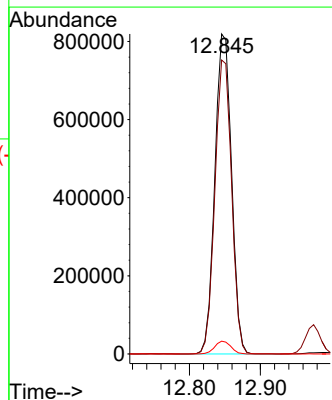
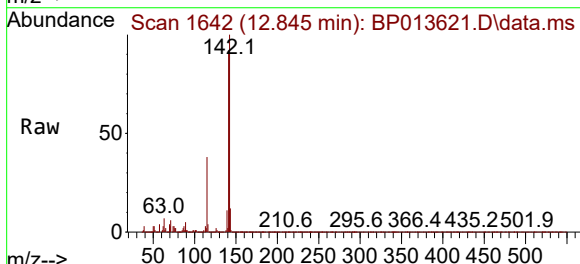
Instrument :
BNA_P
ClientSampleId :
PB150378BS

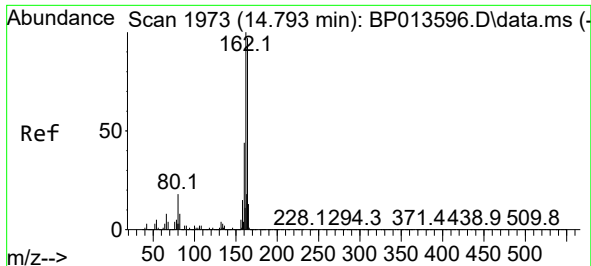
Tgt Ion:142 Resp: 1432653
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 36.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 40.583 ng
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:142 Resp: 1330793
Ion Ratio Lower Upper
142 100
141 91.9 75.5 113.3
116 4.0 3.3 4.9

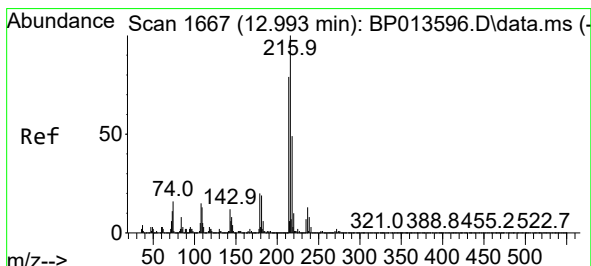
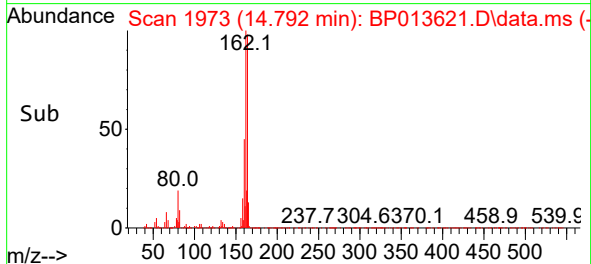
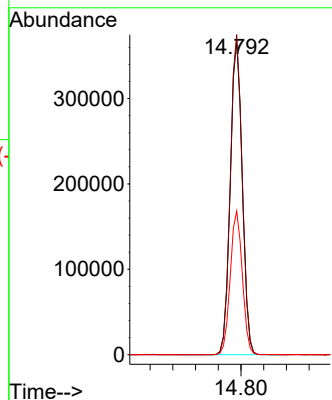
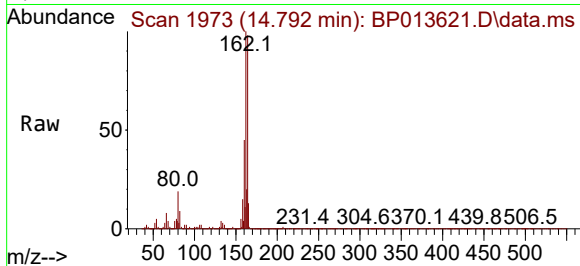




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

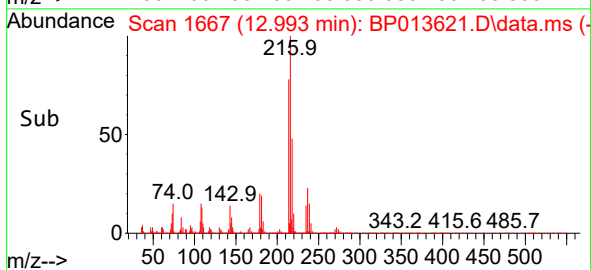
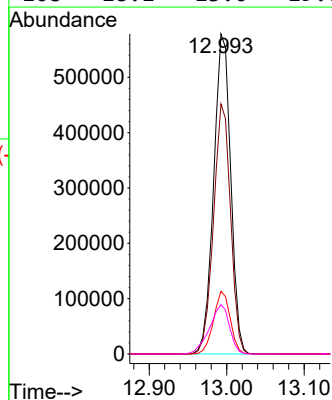
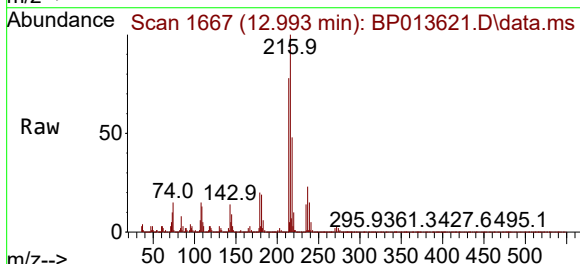
Instrument :
BNA_P
ClientSampleId :
PB150378BS

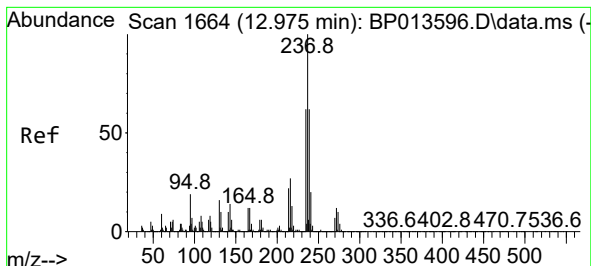
Tgt Ion:164 Resp: 536951
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 45.6 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.152 ng
RT: 12.993 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:216 Resp: 882049
Ion Ratio Lower Upper
216 100
214 78.0 62.4 93.6
179 19.2 15.4 23.0
108 18.1 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 105.727 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

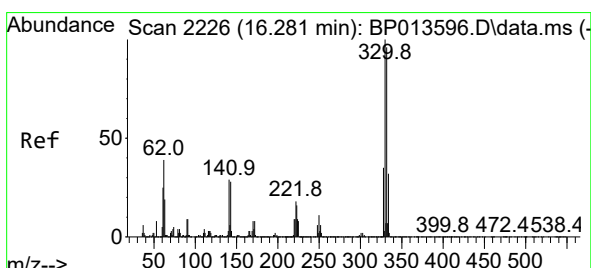
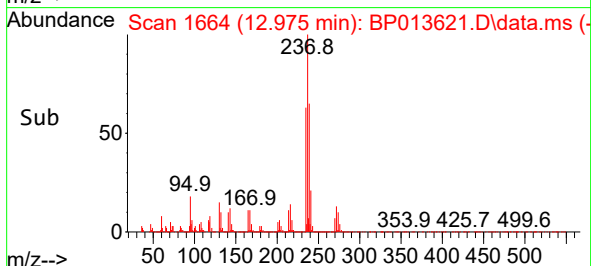
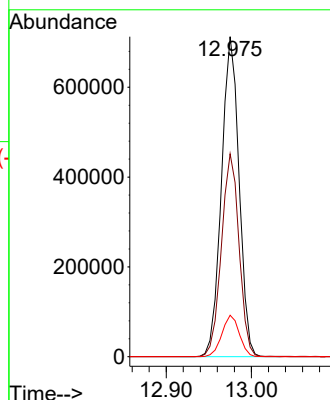
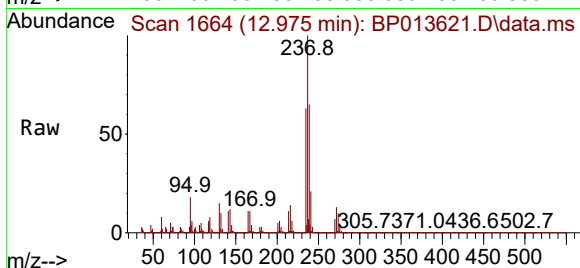
Tgt Ion:237 Resp: 1021838

Ion Ratio Lower Upper

237 100

235 63.4 41.9 81.9

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 120.432 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

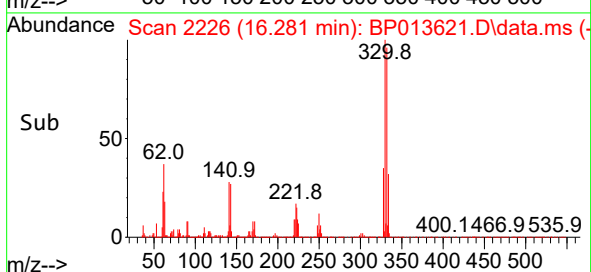
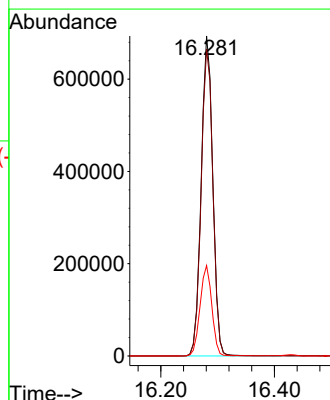
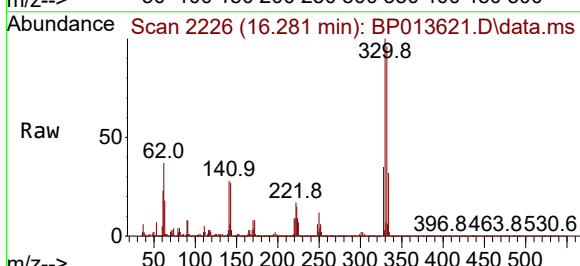
Tgt Ion:330 Resp: 984536

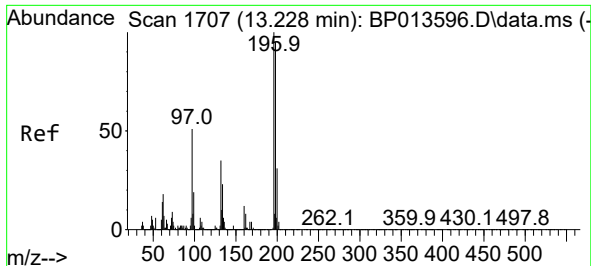
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 28.7 23.3 34.9

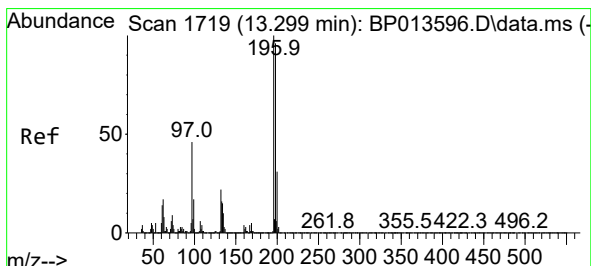
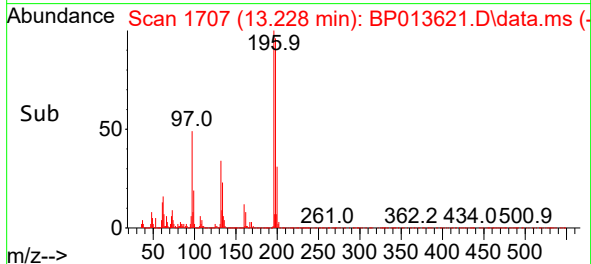
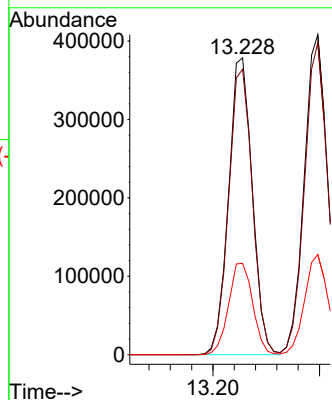
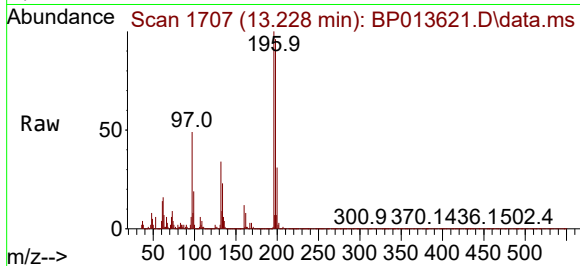




#43
2,4,6-Trichlorophenol
Concen: 46.843 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

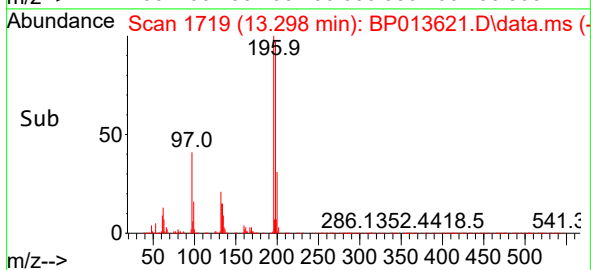
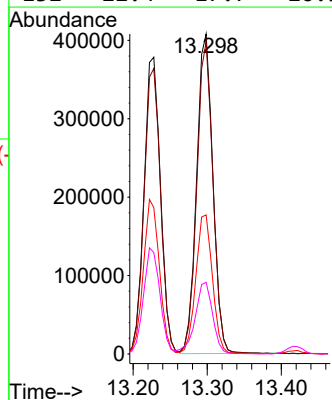
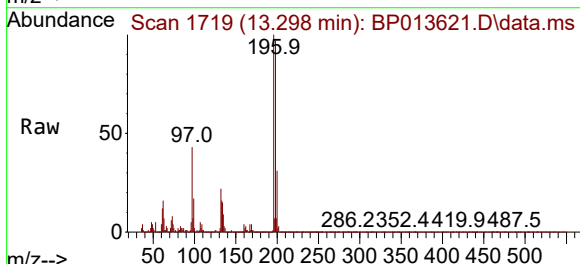
Instrument :
BNA_P
ClientSampleId :
PB150378BS

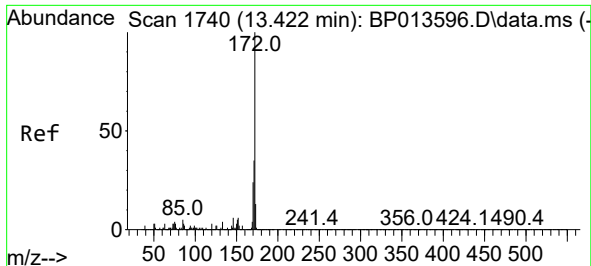
Tgt Ion:196 Resp: 586321
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.4
200 30.8 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 42.568 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:196 Resp: 623103
Ion Ratio Lower Upper
196 100
198 97.5 76.9 115.3
97 43.5 36.8 55.2
132 22.4 17.7 26.5

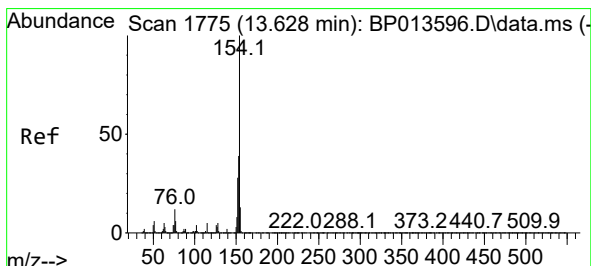
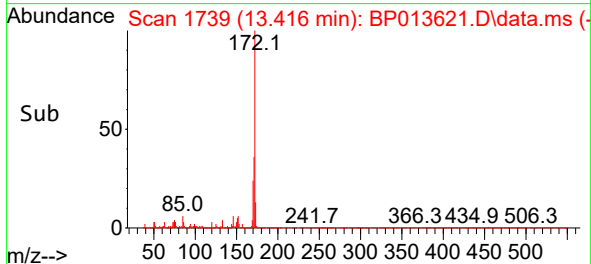
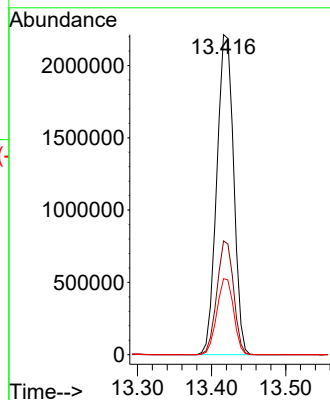
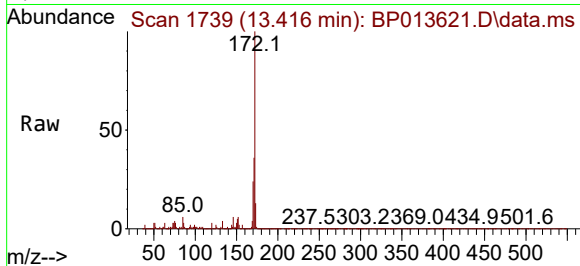




#45
2-Fluorobiphenyl
Concen: 92.946 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

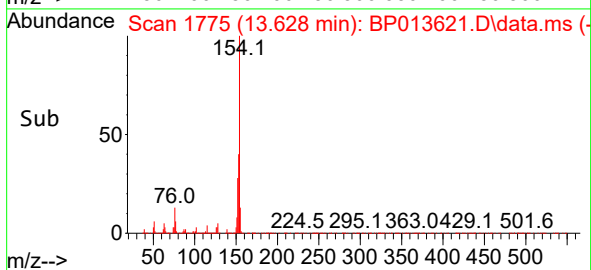
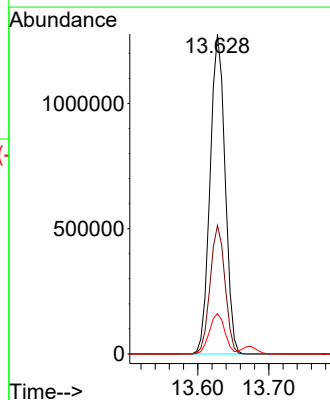
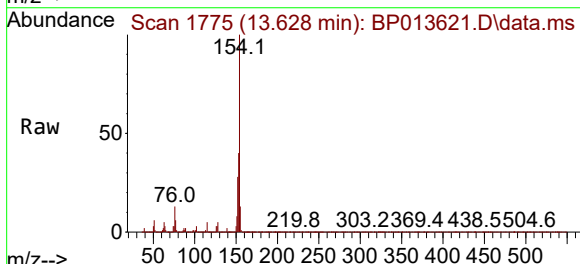
Instrument :
BNA_P
ClientSampleId :
PB150378BS

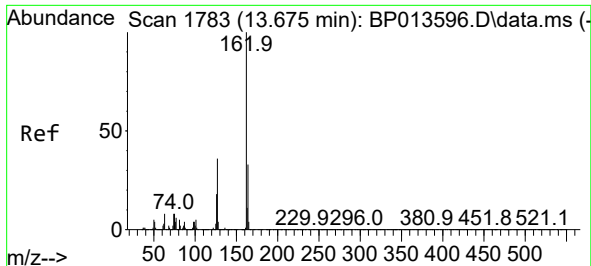
Tgt Ion:172 Resp: 3494395
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.786 ng
RT: 13.628 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:154 Resp: 1872038
Ion Ratio Lower Upper
154 100
153 40.2 18.9 58.9
76 12.6 0.0 32.1

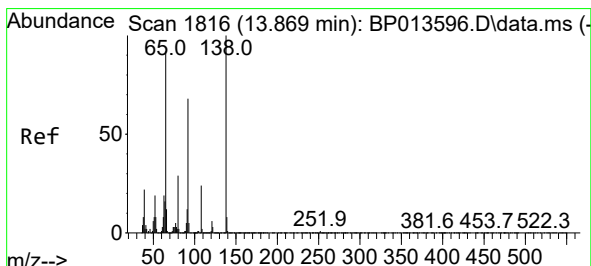
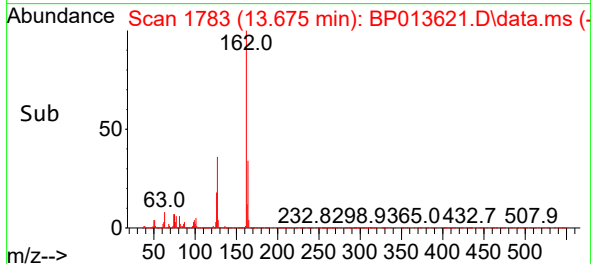
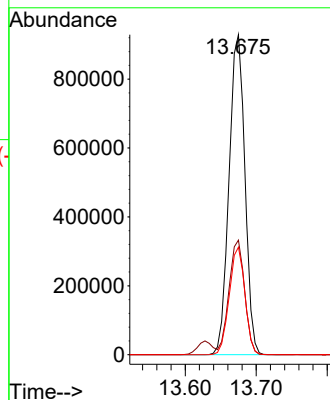
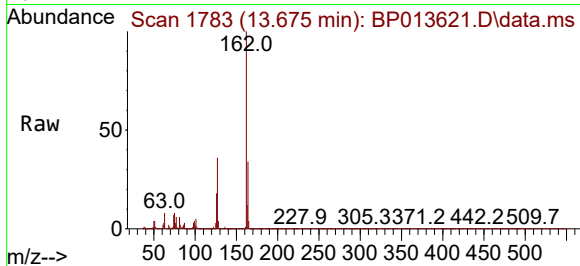




#47
2-Chloronaphthalene
Concen: 47.202 ng
RT: 13.675 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

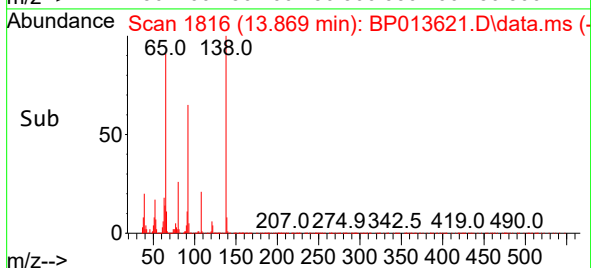
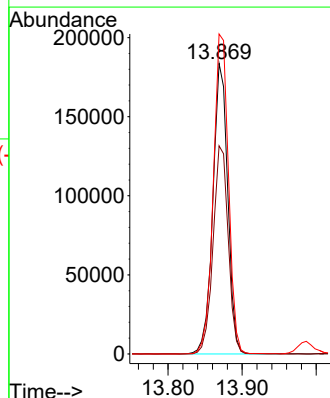
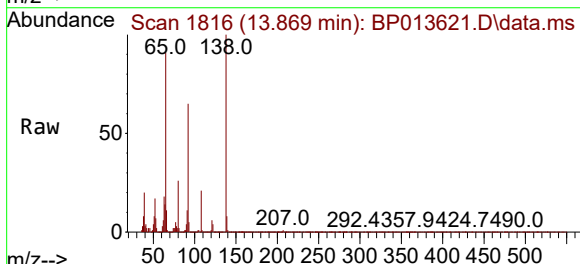
Instrument :
BNA_P
ClientSampleId :
PB150378BS

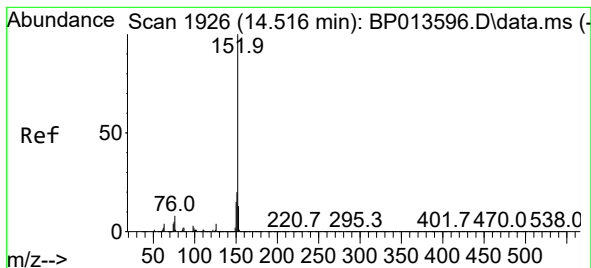
Tgt Ion:162 Resp: 1441346
Ion Ratio Lower Upper
162 100
127 35.8 29.0 43.6
164 33.6 26.3 39.5



#48
2-Nitroaniline
Concen: 35.987 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 65 Resp: 255806
Ion Ratio Lower Upper
65 100
92 71.7 59.5 89.3
138 110.1 87.1 130.7





#49

Acenaphthylene

Concen: 44.340 ng

RT: 14.516 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

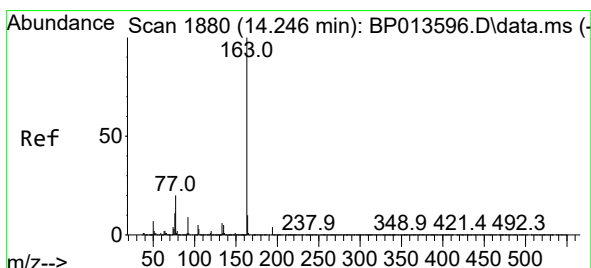
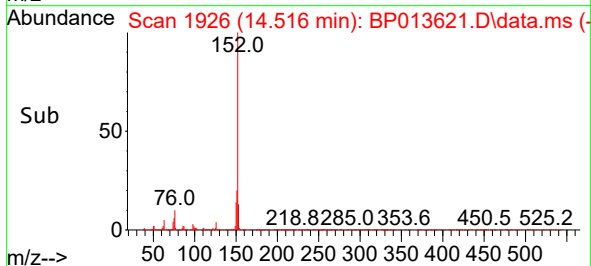
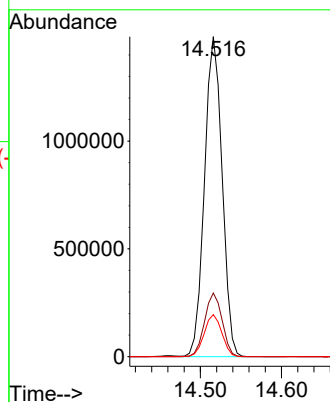
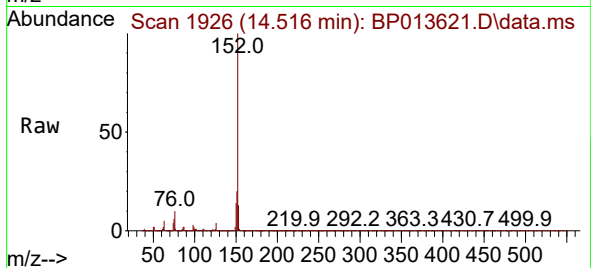
Tgt Ion:152 Resp: 2233227

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 42.925 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.001 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

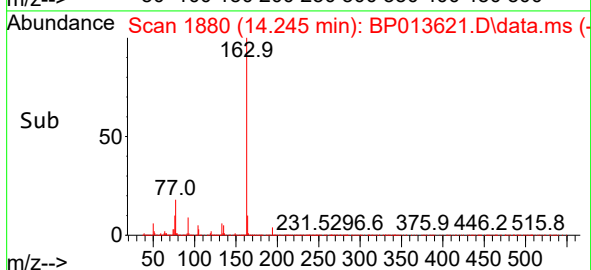
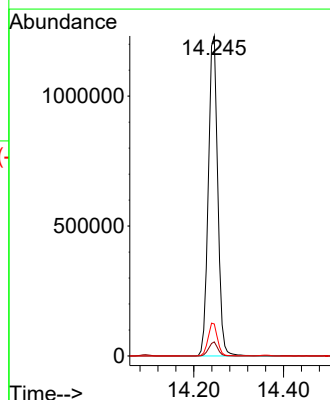
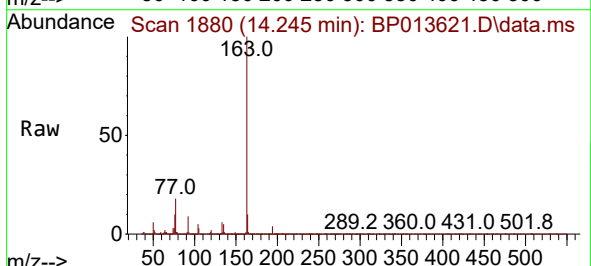
Tgt Ion:163 Resp: 1790289

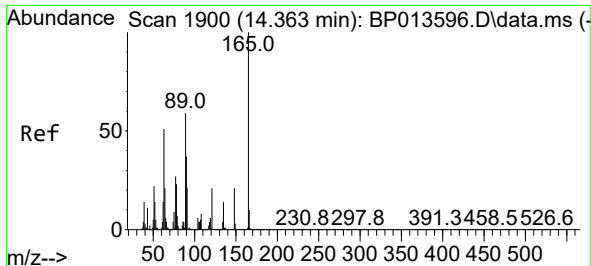
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.0 12.0

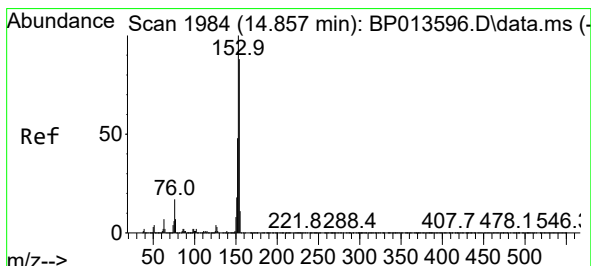
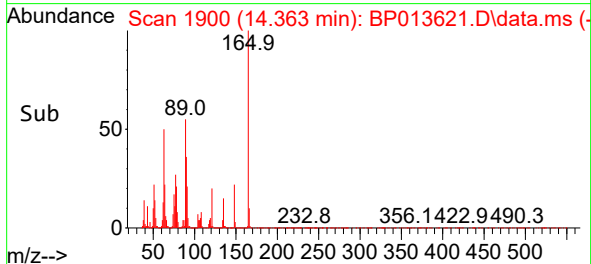
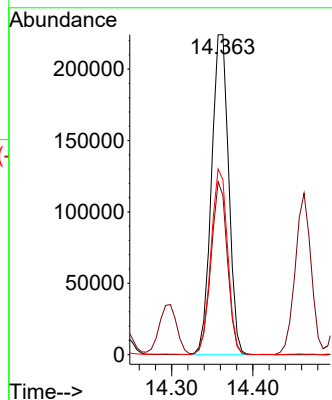
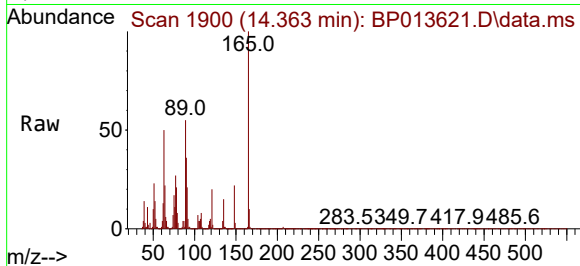




#51
2,6-Dinitrotoluene
Concen: 39.305 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

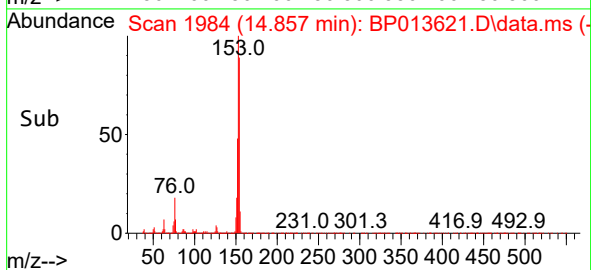
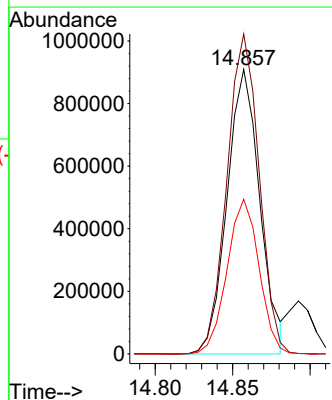
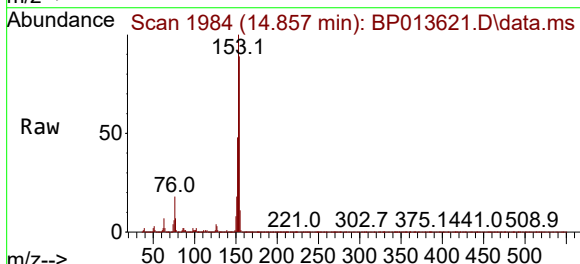
Instrument :
BNA_P
ClientSampleId :
PB150378BS

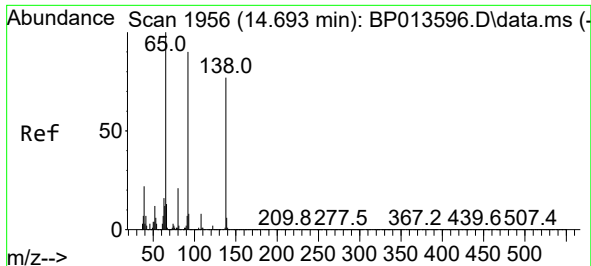
Tgt Ion:165 Resp: 328663
Ion Ratio Lower Upper
165 100
63 49.7 42.4 63.6
89 54.7 47.0 70.4



#52
Acenaphthene
Concen: 41.420 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:154 Resp: 1335178
Ion Ratio Lower Upper
154 100
153 112.5 91.0 136.6
152 54.4 44.0 66.0

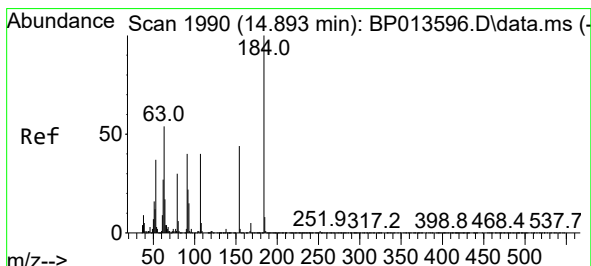
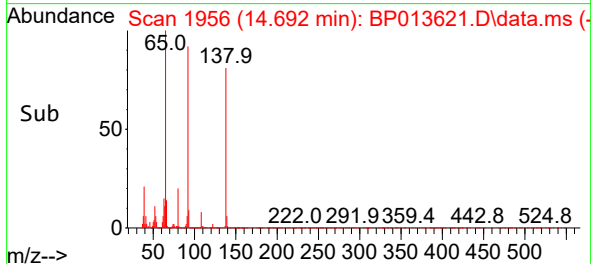
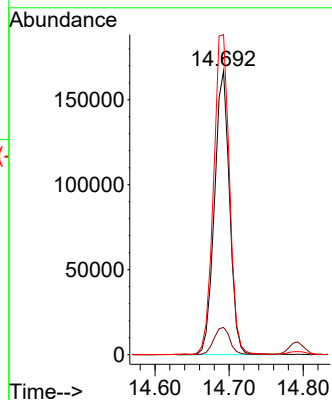
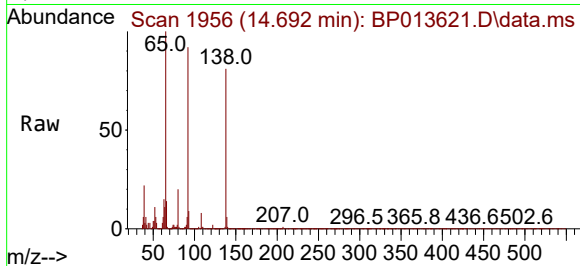




#53
3-Nitroaniline
Concen: 30.437 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

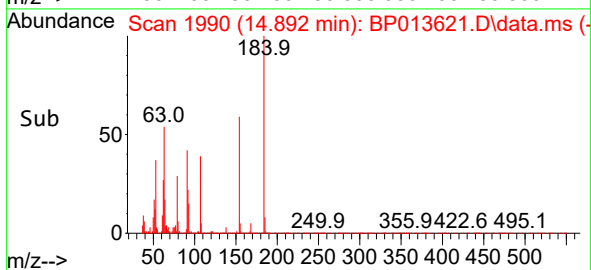
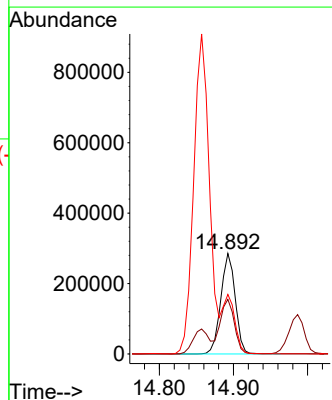
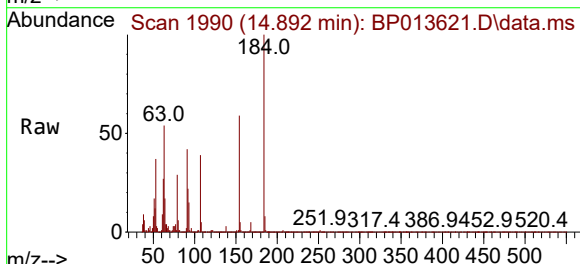
Instrument :
BNA_P
ClientSampleId :
PB150378BS

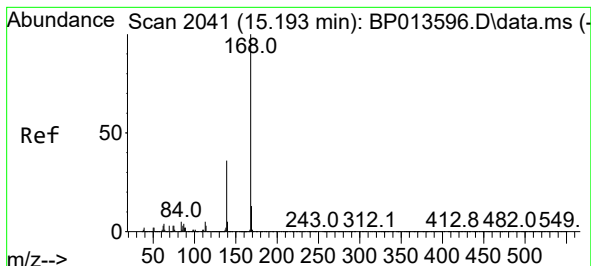
Tgt Ion:138 Resp: 235596
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 112.8 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 75.442 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:184 Resp: 386634
Ion Ratio Lower Upper
184 100
63 54.3 44.4 66.6
154 59.3 49.0 73.6





#55

Dibenzofuran

Concen: 42.724 ng

RT: 15.187 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

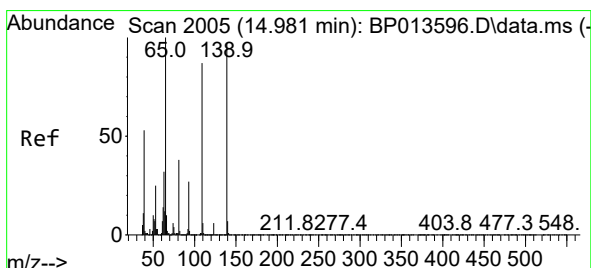
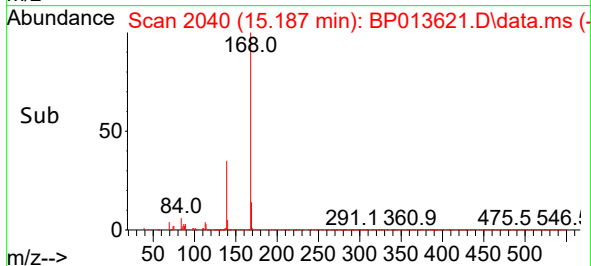
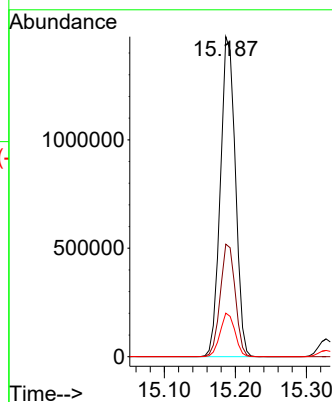
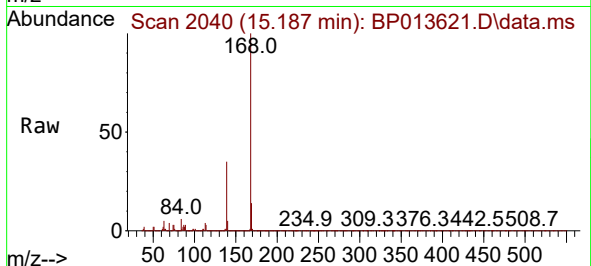
Tgt Ion:168 Resp: 2156989

Ion Ratio Lower Upper

168 100

139 35.2 29.0 43.4

169 13.6 10.6 15.8



#56

4-Nitrophenol

Concen: 83.290 ng

RT: 14.987 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

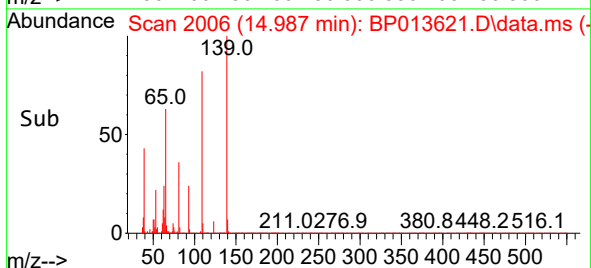
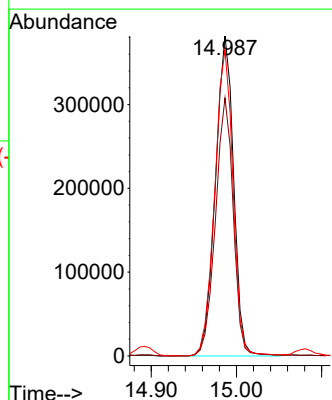
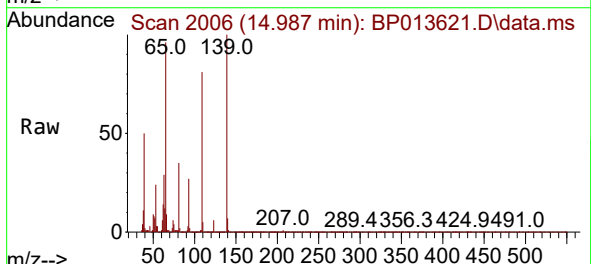
Tgt Ion:139 Resp: 566259

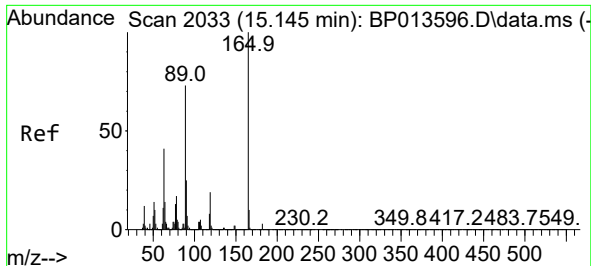
Ion Ratio Lower Upper

139 100

109 80.7 69.5 109.5

65 95.6 83.1 123.1

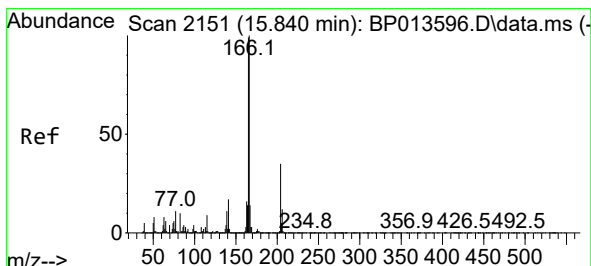
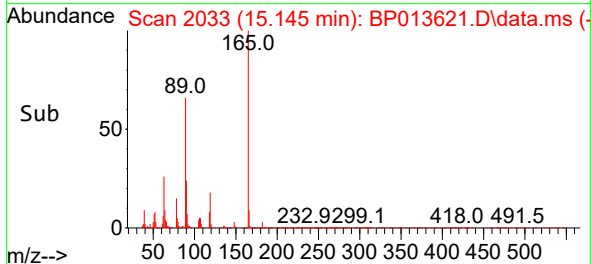
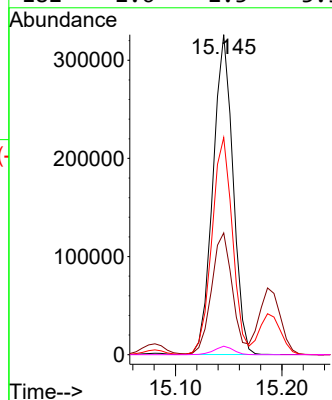
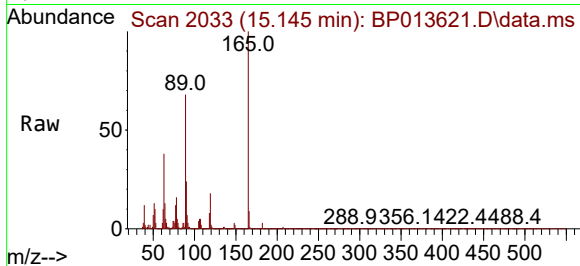




#57
2,4-Dinitrotoluene
Concen: 38.013 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

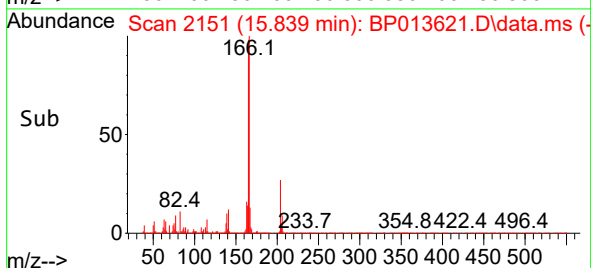
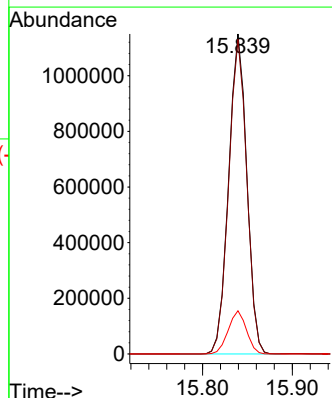
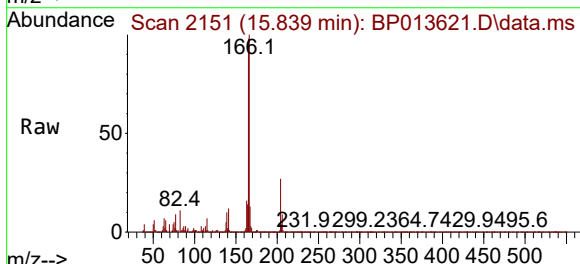
Instrument :
BNA_P
ClientSampleId :
PB150378BS

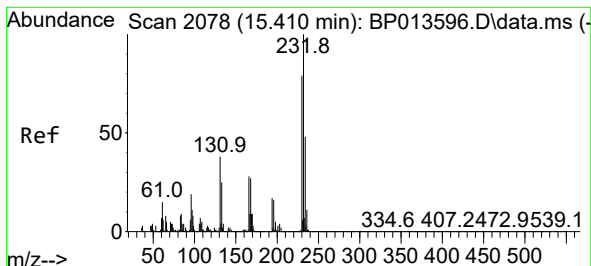
Tgt Ion:	165	Resp:	425502
Ion	Ratio	Lower	Upper
165	100		
63	38.0	32.6	49.0
89	67.9	58.4	87.6
182	2.6	2.3	3.5



#58
Fluorene
Concen: 41.890 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:	166	Resp:	1617235
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.4	119.0
167	13.5	10.9	16.3



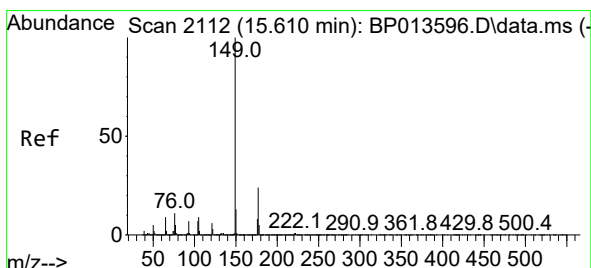
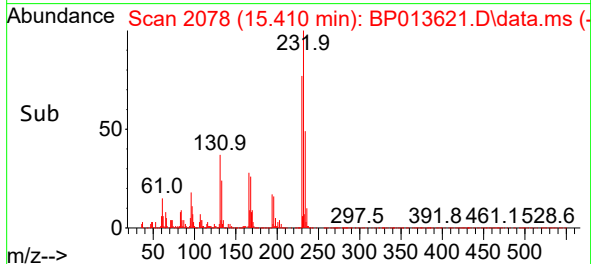
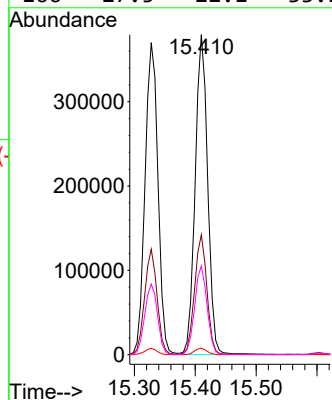
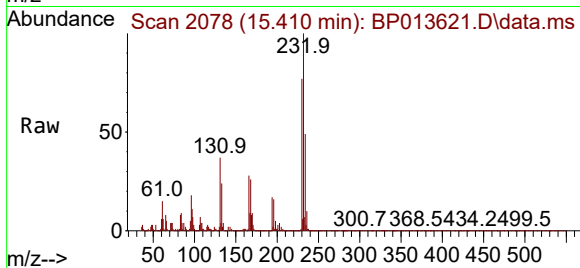


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.580 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion:232 Resp: 539951

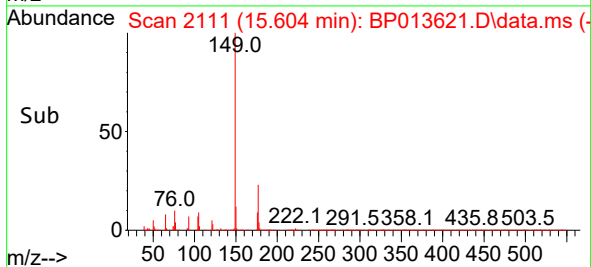
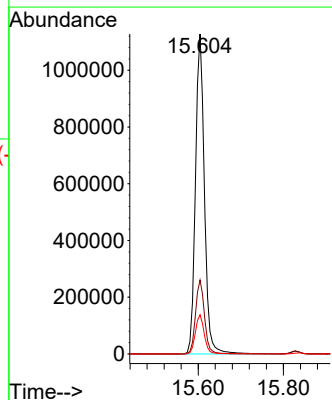
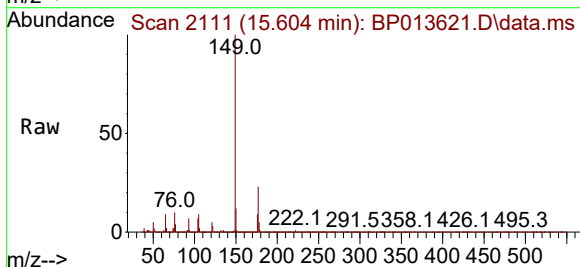
Ion	Ratio	Lower	Upper
232	100		
131	36.8	29.4	44.2
130	2.0	1.6	2.4
166	27.5	22.1	33.1

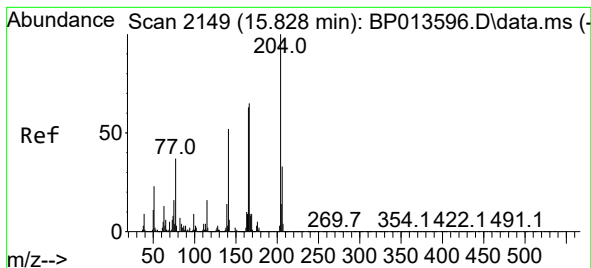


#60
Diethylphthalate
Concen: 43.228 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:149 Resp: 1646490

Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.6
150	12.3	10.0	15.0

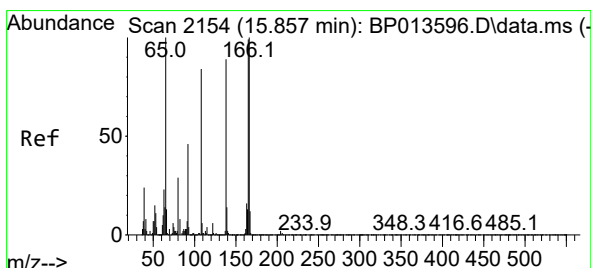
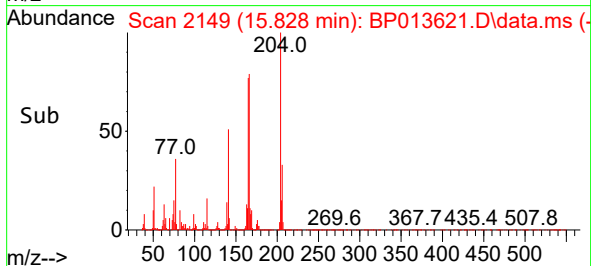
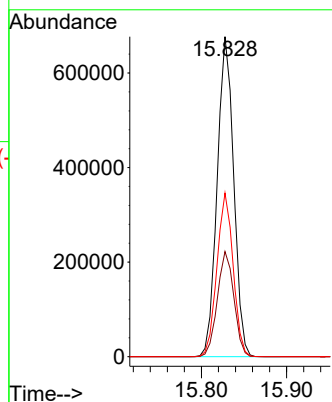
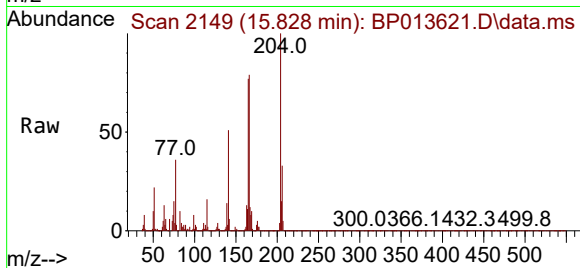




#61
4-Chlorophenyl-phenylether
Concen: 41.780 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

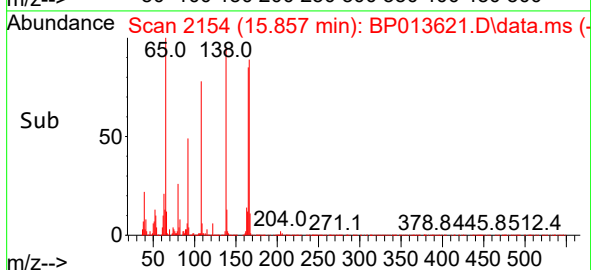
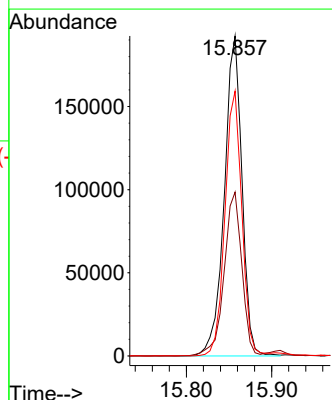
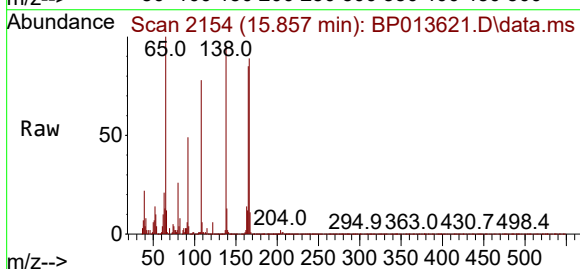
Instrument :
BNA_P
ClientSampleId :
PB150378BS

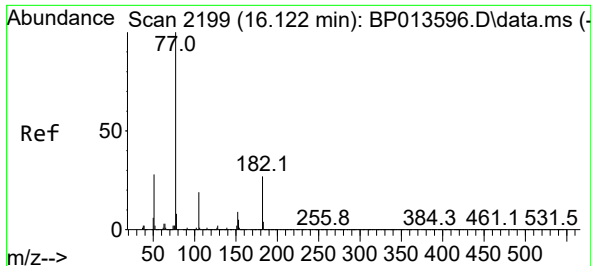
Tgt Ion:204 Resp: 910826
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 51.2 41.7 62.5



#62
4-Nitroaniline
Concen: 37.207 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:138 Resp: 277095
Ion Ratio Lower Upper
138 100
92 51.2 31.9 71.9
108 82.7 73.7 113.7



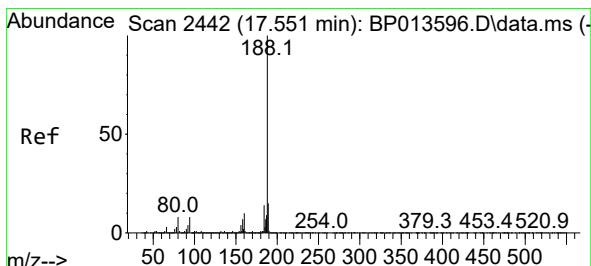
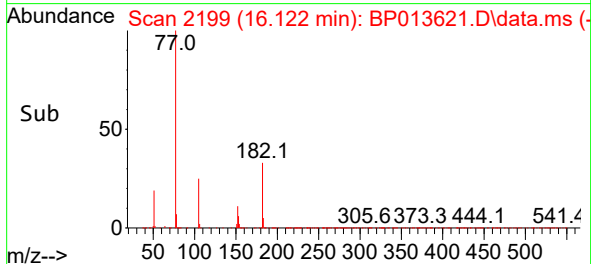
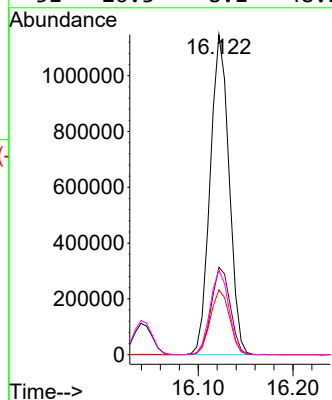
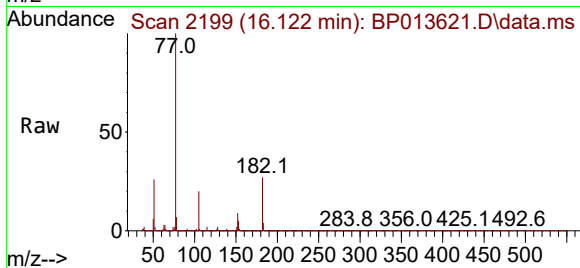


#63
Azobenzene
Concen: 40.805 ng
RT: 16.122 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion: 77 Resp: 1583587

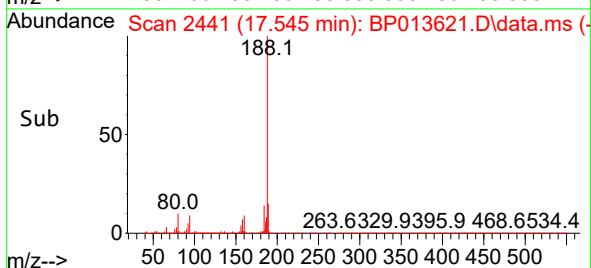
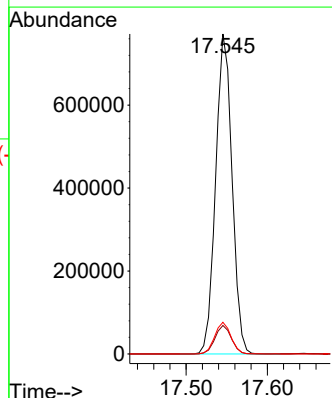
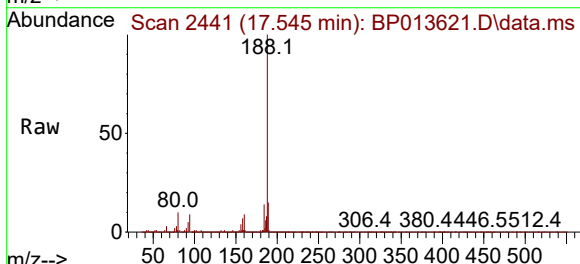
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.0	47.0
105	20.3	0.0	39.2
51	26.3	8.1	48.1

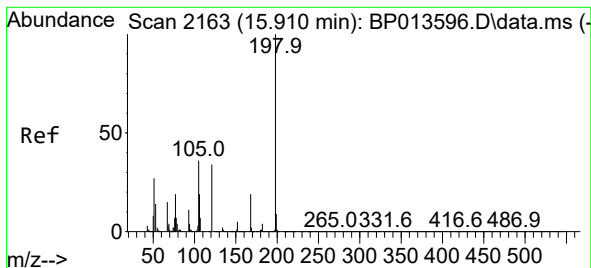


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:188 Resp: 1082314

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.1	9.1
80	9.9	6.6	10.0

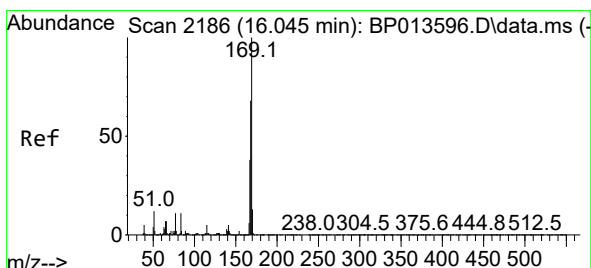
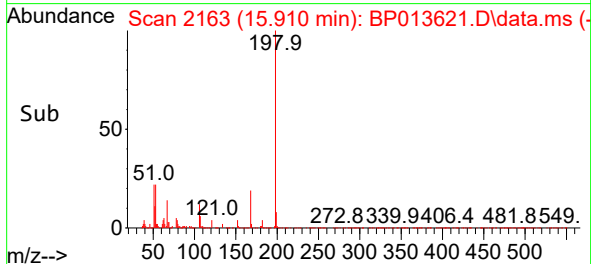
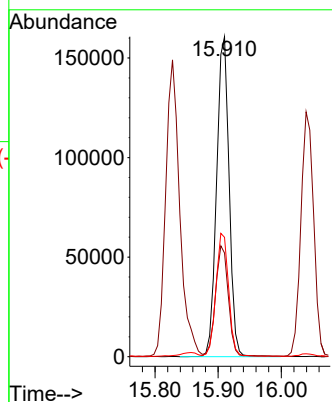
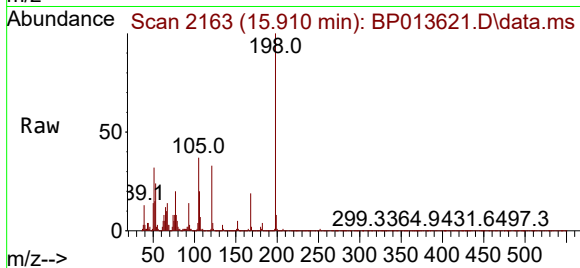




#65
4,6-Dinitro-2-methylphenol
Concen: 37.906 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

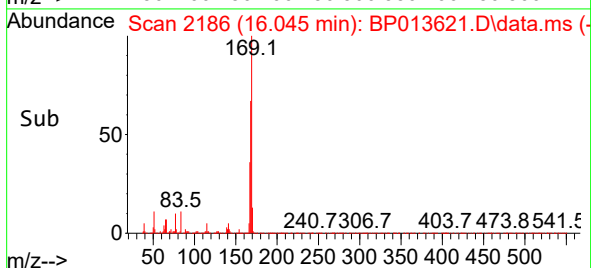
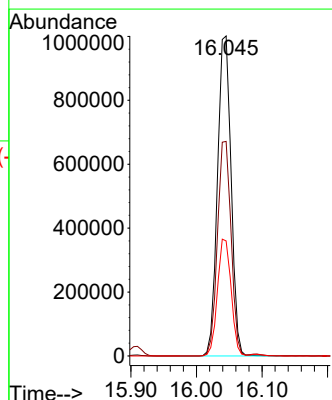
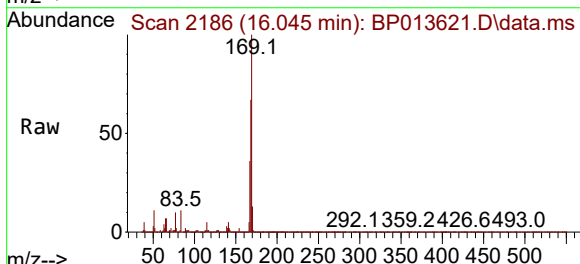
Instrument :
BNA_P
ClientSampleId :
PB150378BS

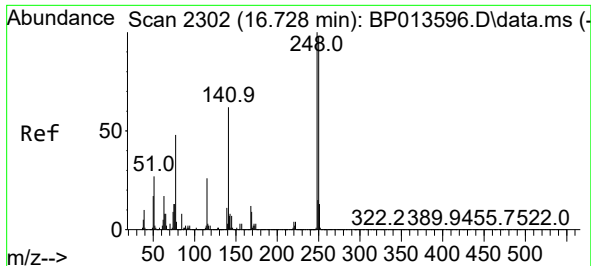
Tgt Ion:198 Resp: 220596
Ion Ratio Lower Upper
198 100
51 32.4 15.0 55.0
105 37.3 17.7 57.7



#66
n-Nitrosodiphenylamine
Concen: 48.134 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:169 Resp: 1435337
Ion Ratio Lower Upper
169 100
168 67.0 54.5 81.7
167 36.0 30.2 45.4

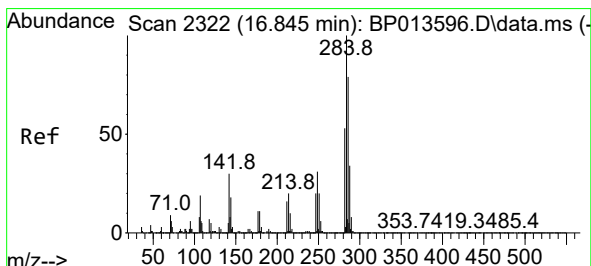
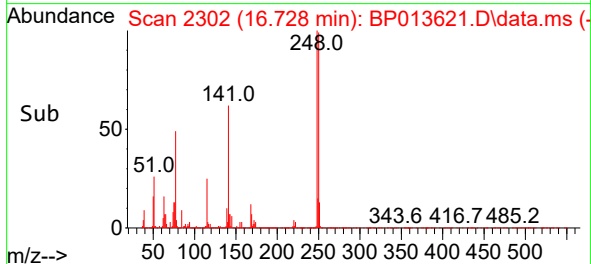
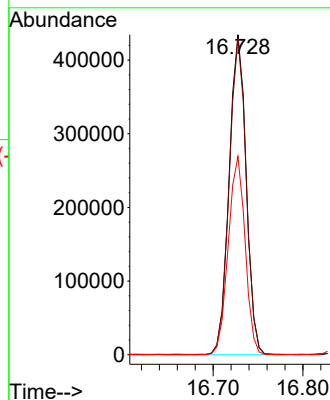
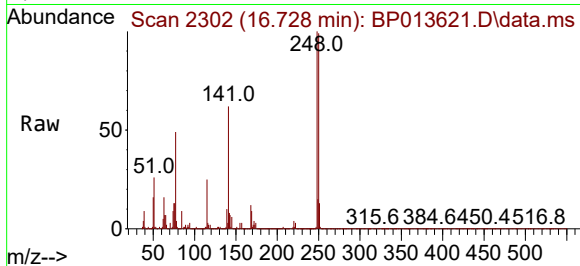




#67
4-Bromophenyl-phenylether
Concen: 45.961 ng
RT: 16.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

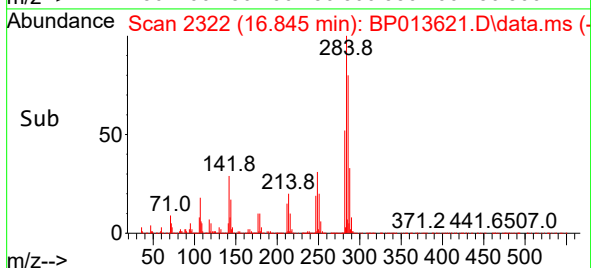
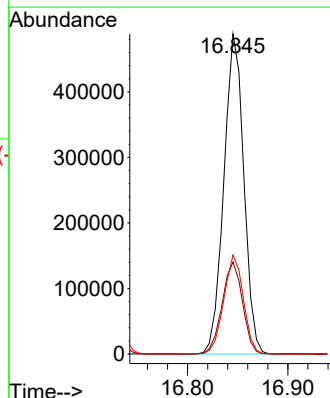
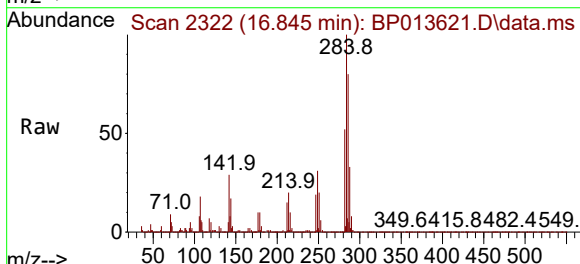
Instrument :
BNA_P
ClientSampleId :
PB150378BS

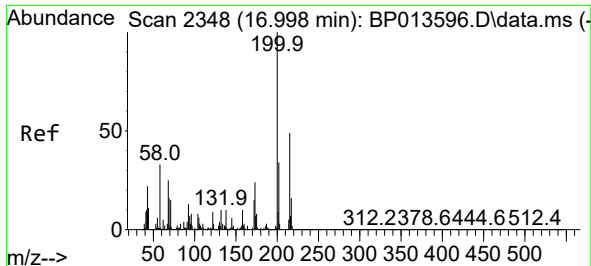
Tgt Ion:248 Resp: 573365
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 62.0 49.8 74.8



#68
Hexachlorobenzene
Concen: 49.374 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:284 Resp: 673263
Ion Ratio Lower Upper
284 100
142 28.7 24.1 36.1
249 30.9 25.0 37.6

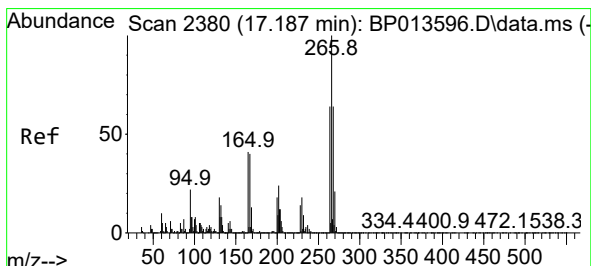
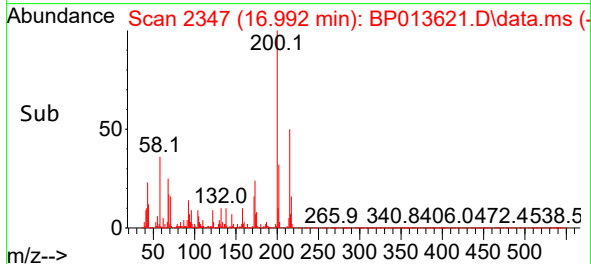
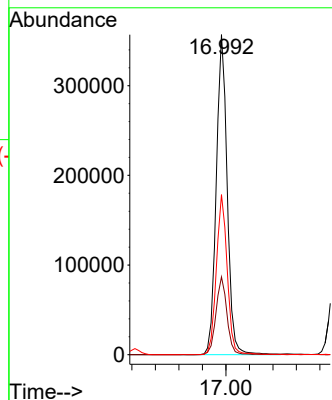
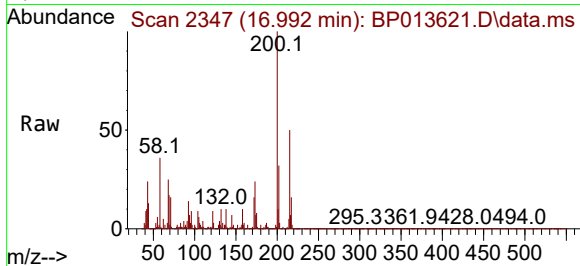




#69
 Atrazine
 Concen: 50.498 ng
 RT: 16.992 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013621.D
 Acq: 27 Jan 2023 17:02

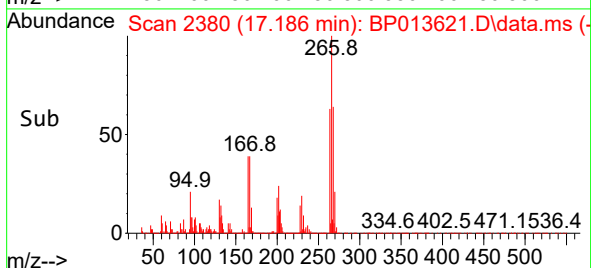
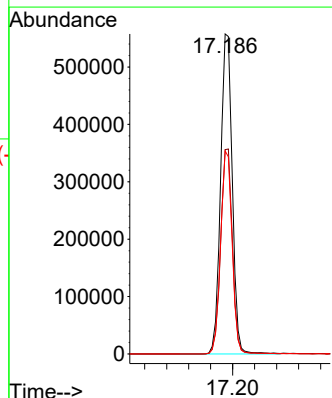
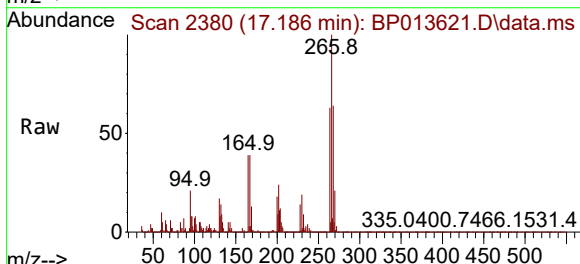
Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

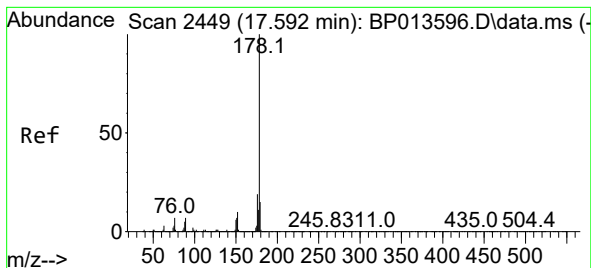
Tgt Ion:200 Resp: 460315
 Ion Ratio Lower Upper
 200 100
 173 24.3 3.5 43.5
 215 50.0 29.2 69.2



#70
 Pentachlorophenol
 Concen: 77.429 ng
 RT: 17.186 min Scan# 2380
 Delta R.T. -0.001 min
 Lab File: BP013621.D
 Acq: 27 Jan 2023 17:02

Tgt Ion:266 Resp: 820534
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.4 77.0
 264 63.5 51.0 76.6





#71

Phenanthrene

Concen: 46.204 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

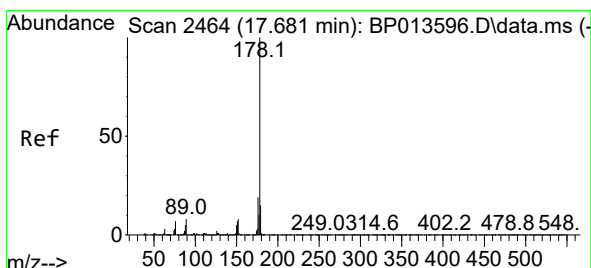
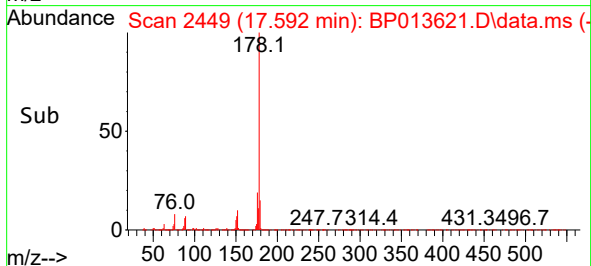
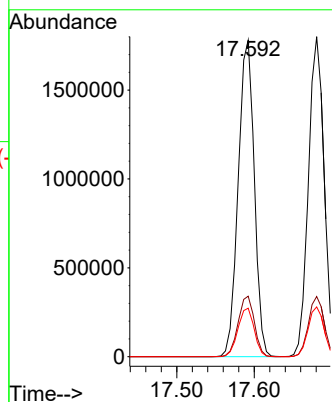
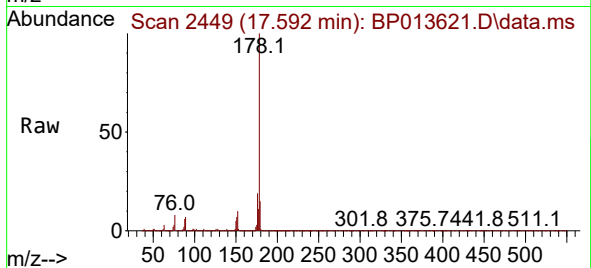
Tgt Ion:178 Resp: 2564764

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.169 ng

RT: 17.680 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

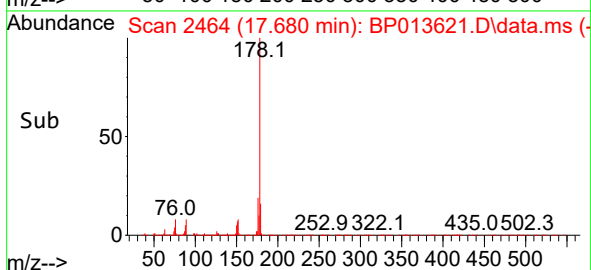
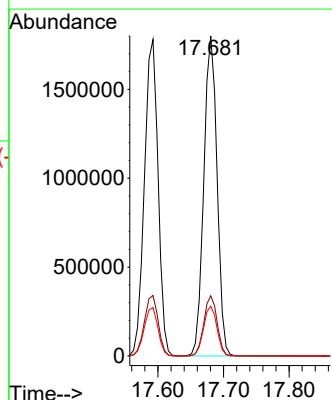
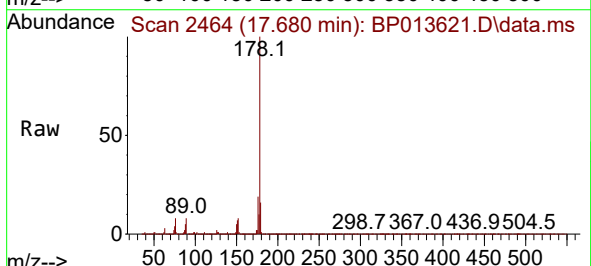
Tgt Ion:178 Resp: 2533485

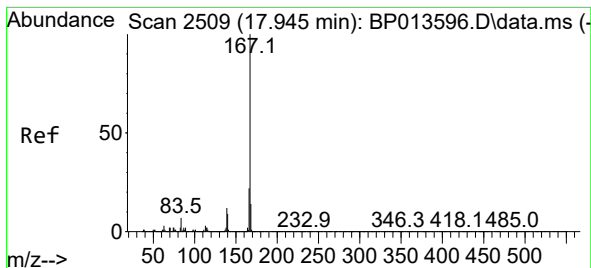
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.6 12.3 18.5





#73

Carbazole

Concen: 43.458 ng

RT: 17.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

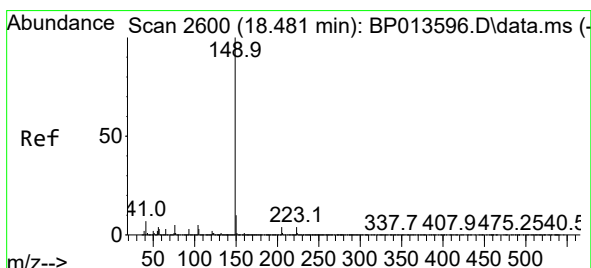
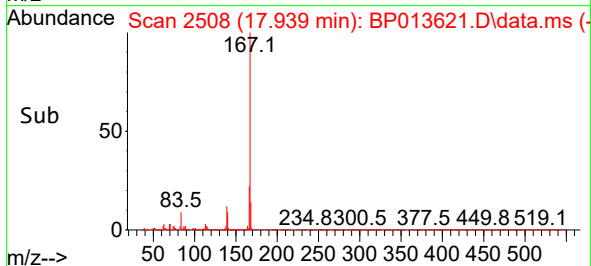
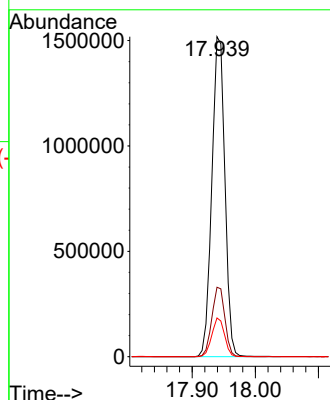
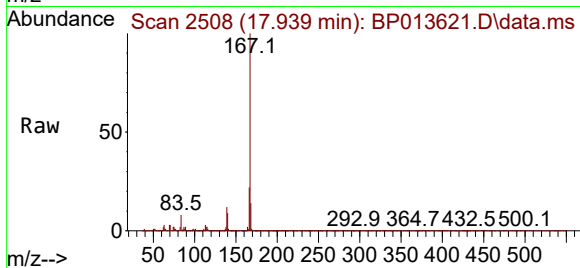
Tgt Ion:167 Resp: 2172063

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 45.479 ng

RT: 18.480 min Scan# 2600

Delta R.T. -0.001 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

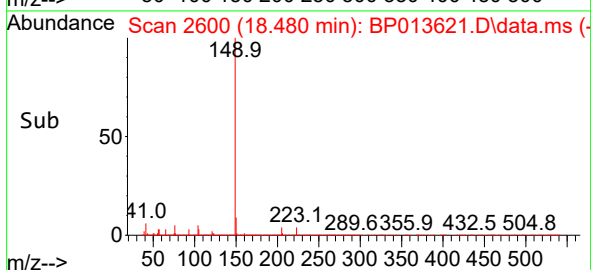
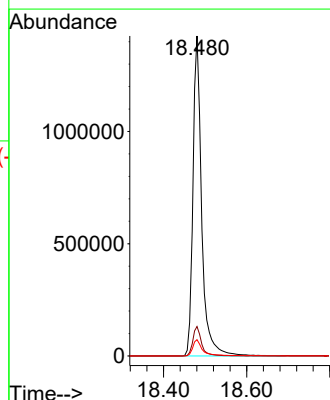
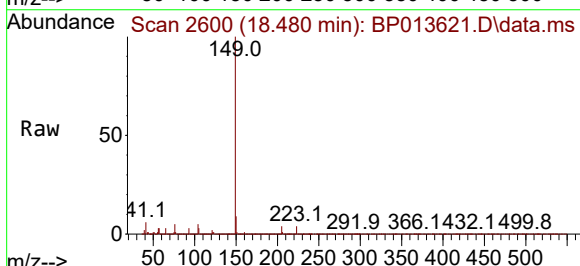
Tgt Ion:149 Resp: 2077701

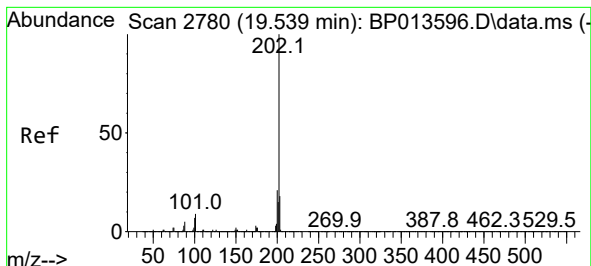
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 38.457 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

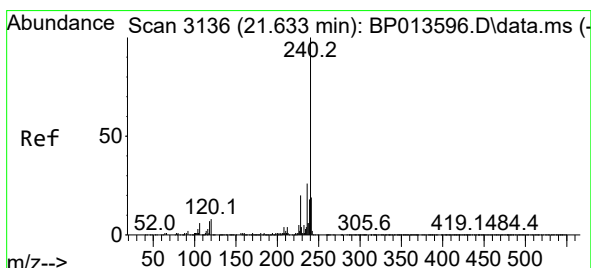
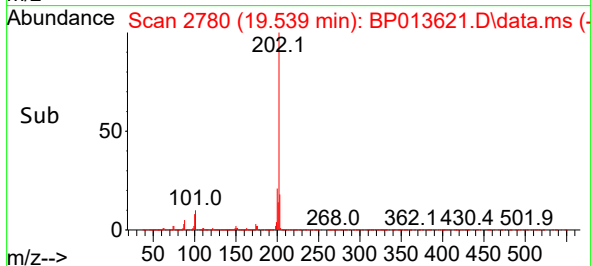
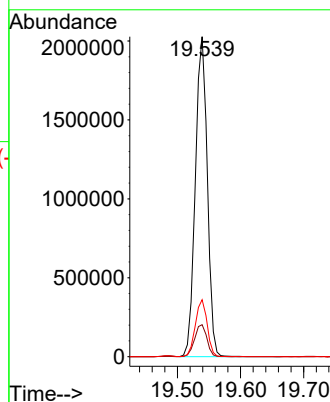
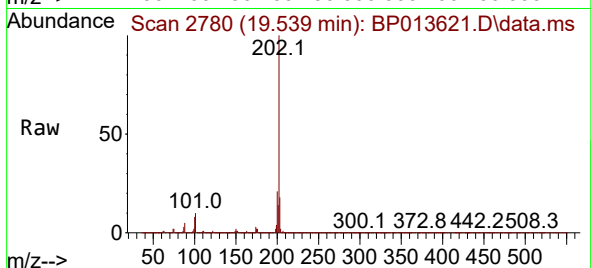
Tgt Ion:202 Resp: 2662568

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

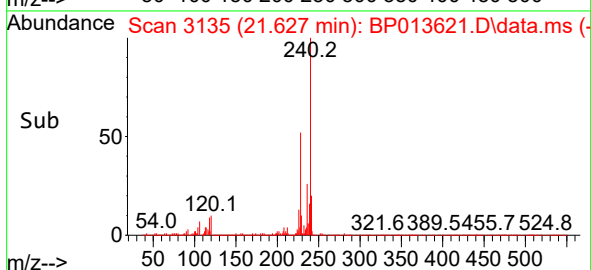
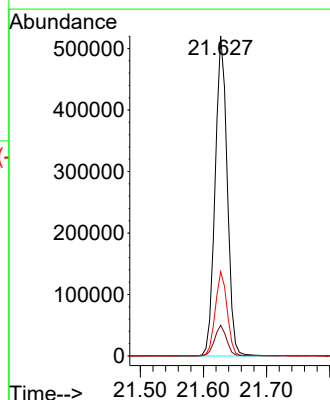
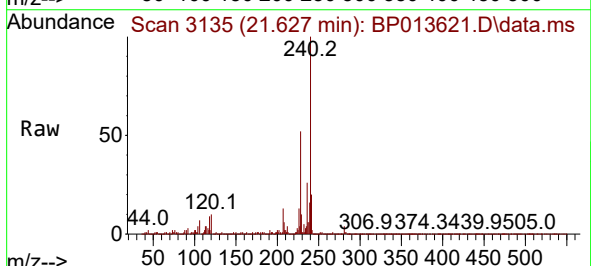
Tgt Ion:240 Resp: 689535

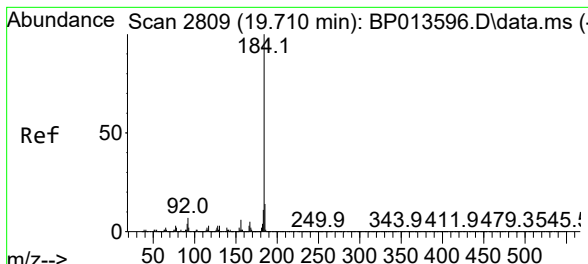
Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 26.4 20.7 31.1

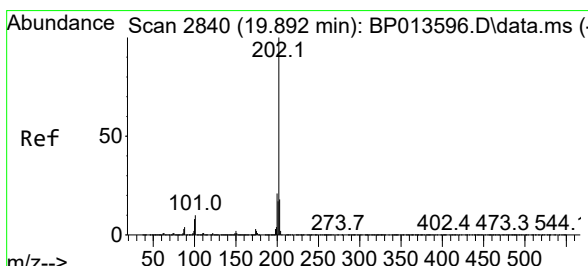
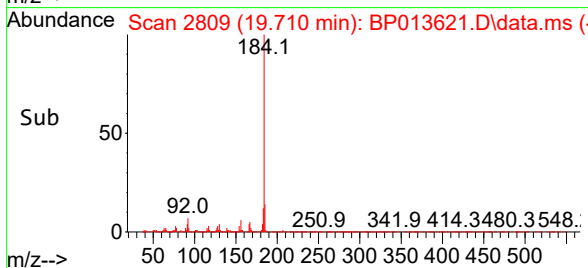
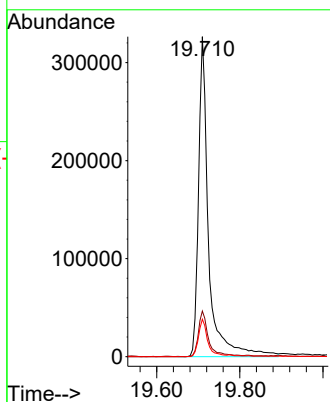
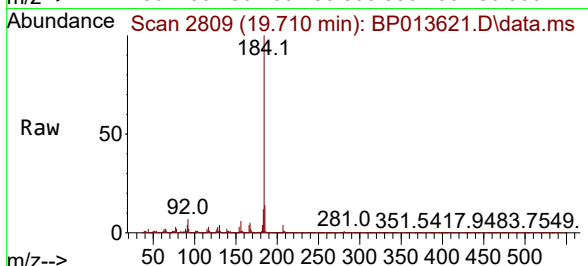




#77
Benzidine
Concen: 76.256 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

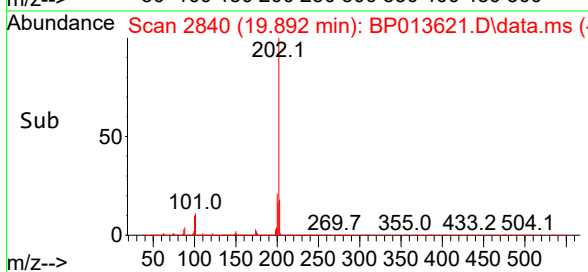
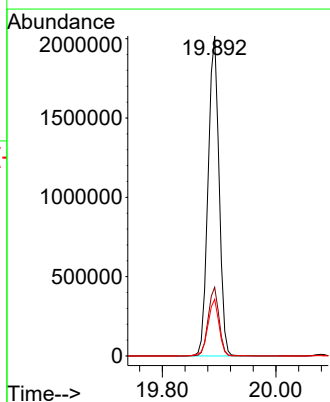
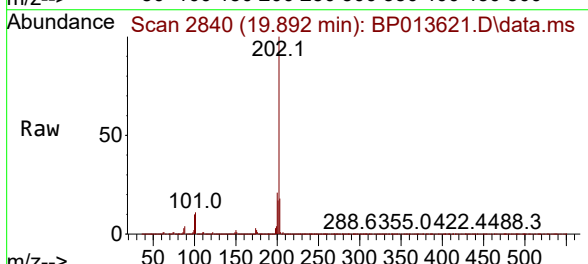
Instrument :
BNA_P
ClientSampleId :
PB150378BS

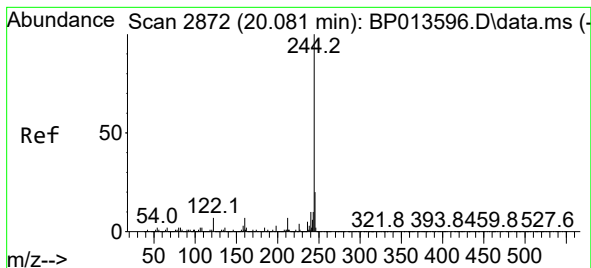
Tgt Ion:184 Resp: 551277
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.0 13.6



#78
Pyrene
Concen: 50.382 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:202 Resp: 2688645
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 105.434 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

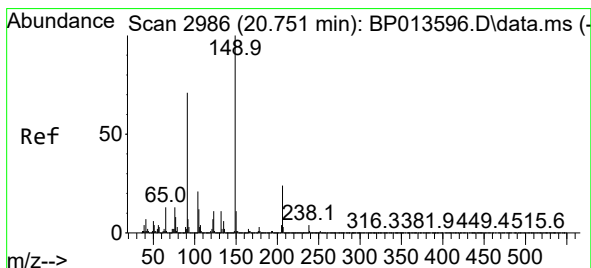
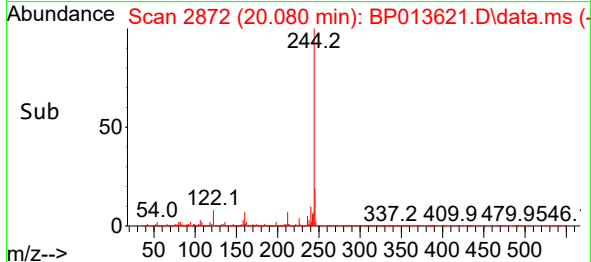
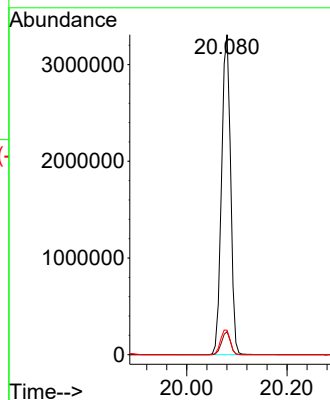
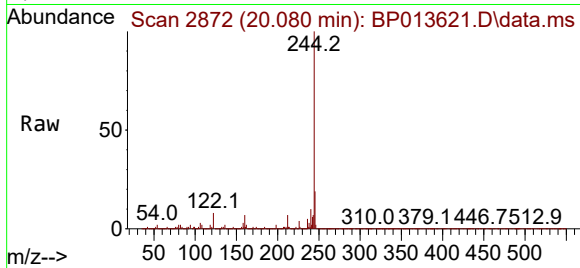
Tgt Ion:244 Resp: 4119841

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 7.6 5.3 7.9



#80

Butylbenzylphthalate

Concen: 41.231 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

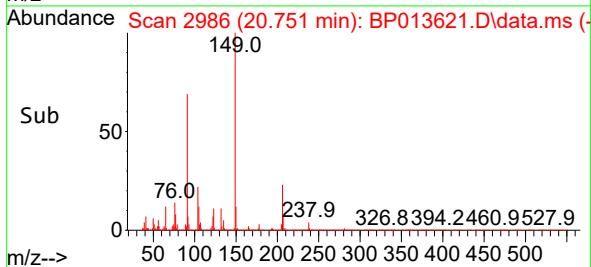
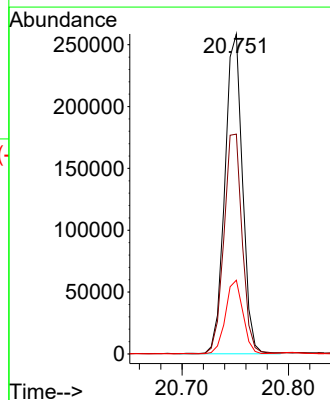
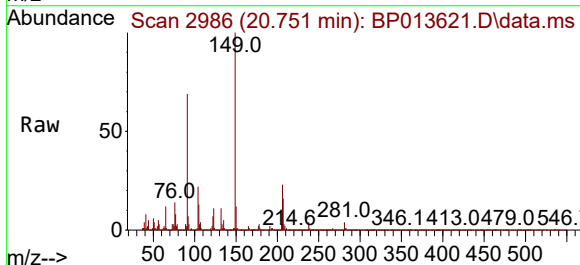
Tgt Ion:149 Resp: 296304

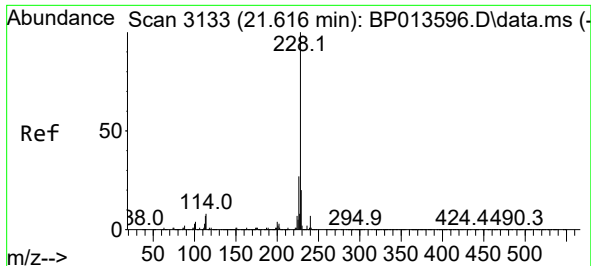
Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.6

206 23.1 19.0 28.6

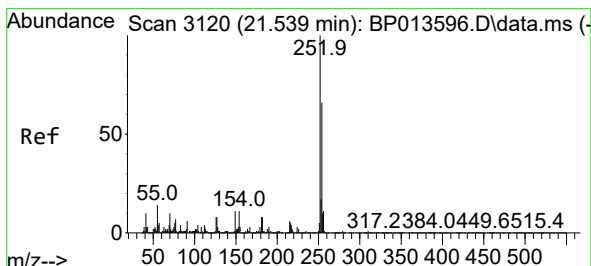
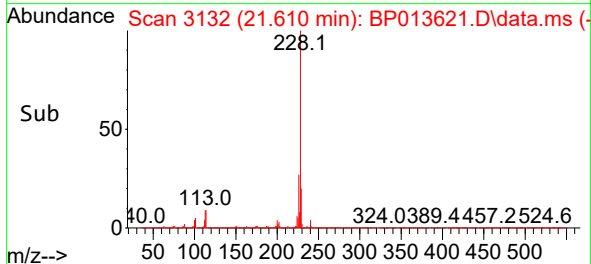
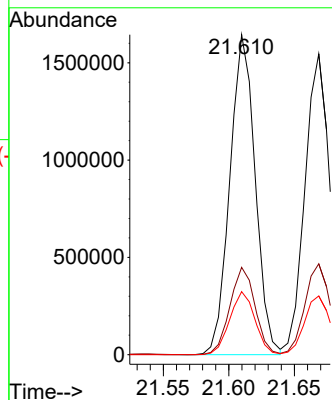
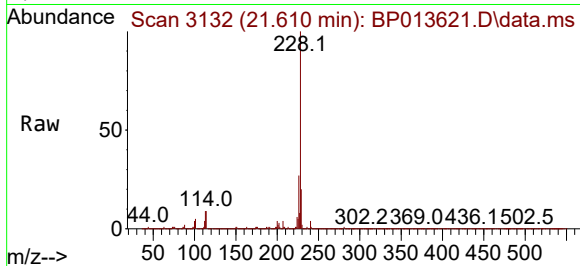




#81
Benzo(a)anthracene
Concen: 45.565 ng
RT: 21.610 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

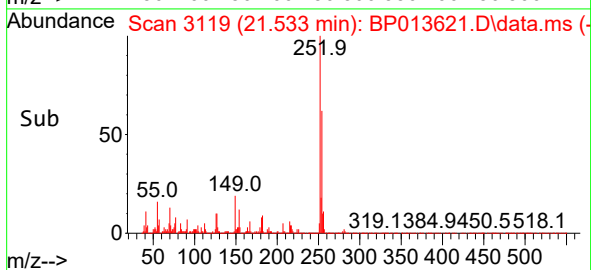
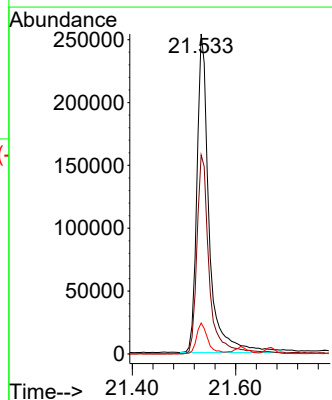
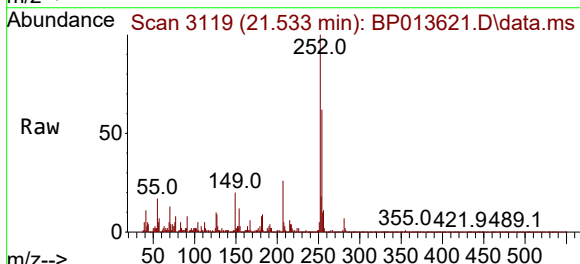
Instrument :
BNA_P
ClientSampleId :
PB150378BS

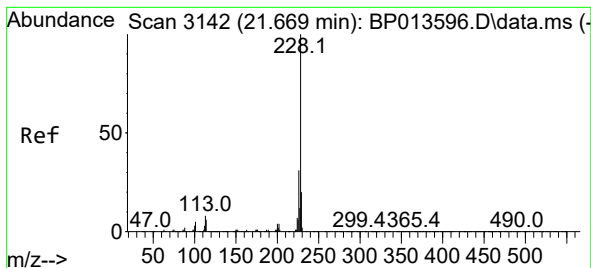
Tgt Ion:228 Resp: 2212419
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 35.753 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013621.D
Acq: 27 Jan 2023 17:02

Tgt Ion:252 Resp: 415136
Ion Ratio Lower Upper
252 100
254 62.2 52.3 78.5
126 9.6 6.2 9.4#





#83

Chrysene

Concen: 45.177 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

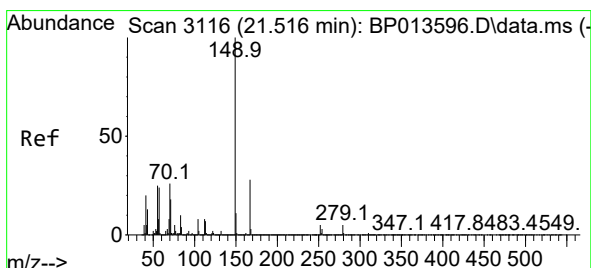
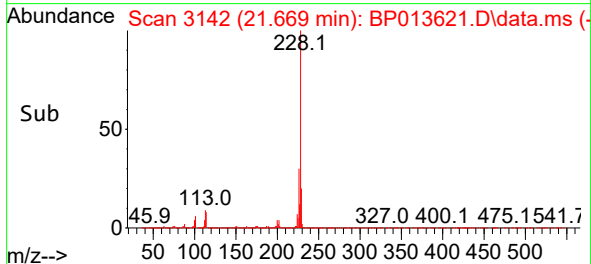
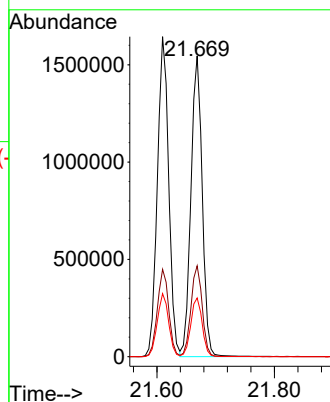
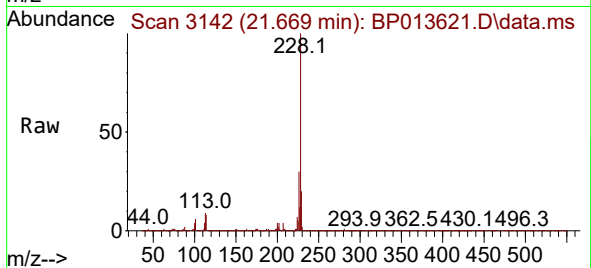
Tgt Ion:228 Resp: 2061137

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.227 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

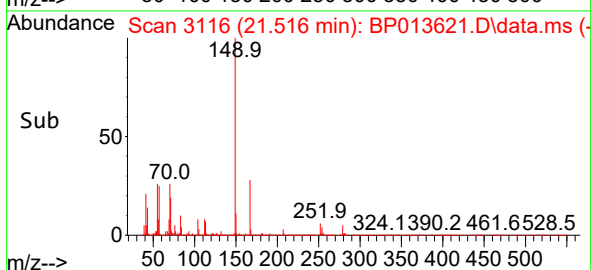
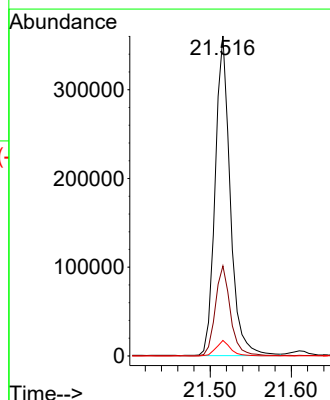
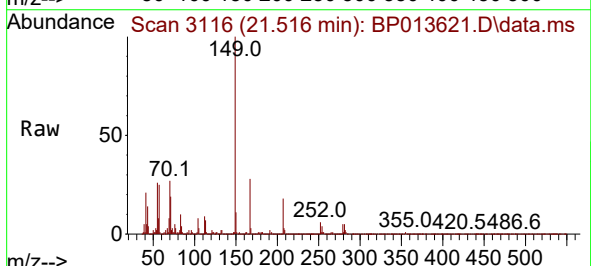
Tgt Ion:149 Resp: 465098

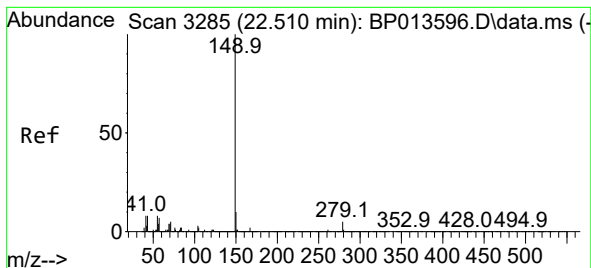
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.000 ng

RT: 22.504 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

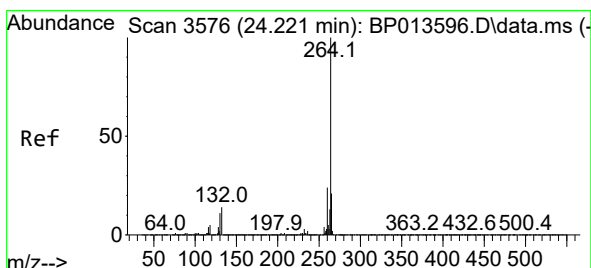
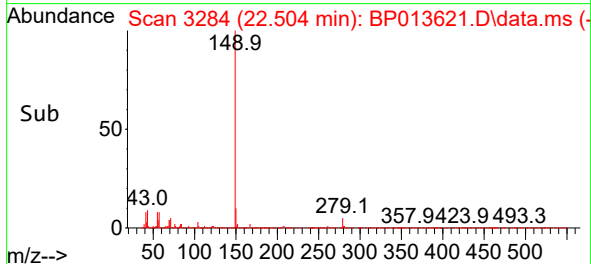
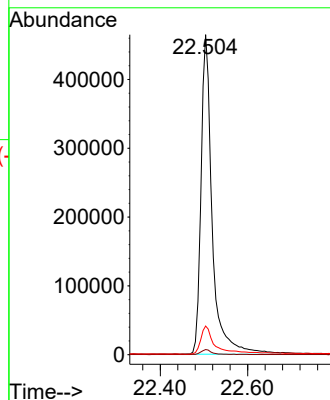
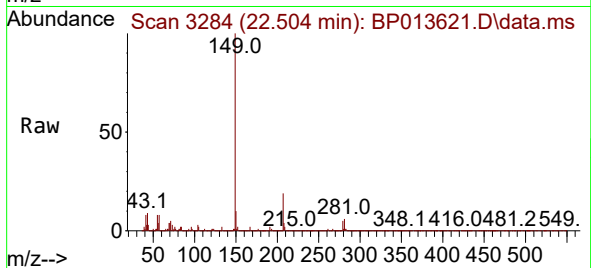
Tgt Ion:149 Resp: 826363

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

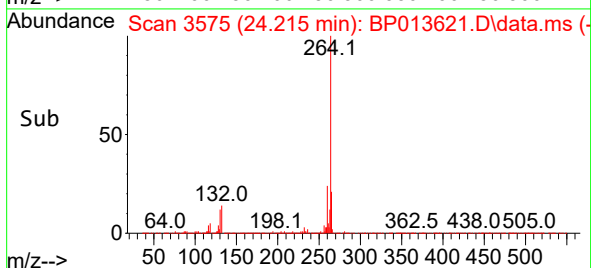
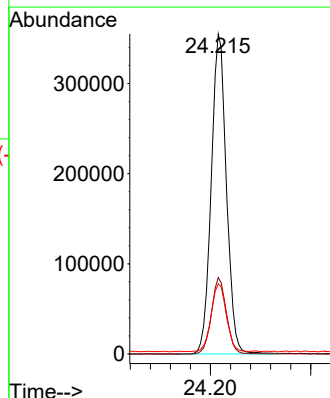
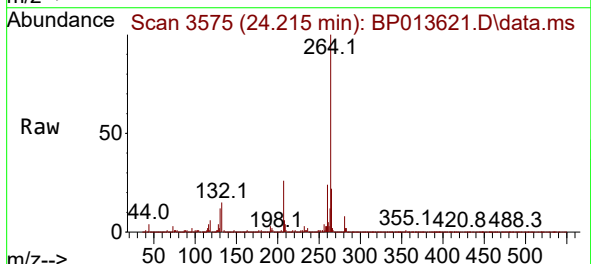
Tgt Ion:264 Resp: 745411

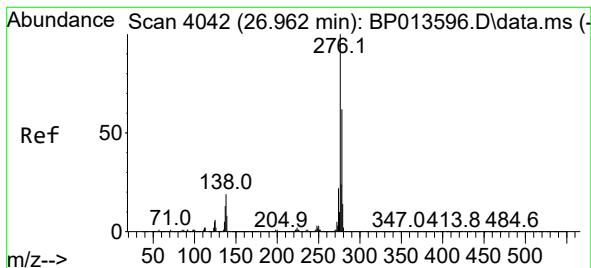
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.010 ng

RT: 26.956 min Scan# 4041

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

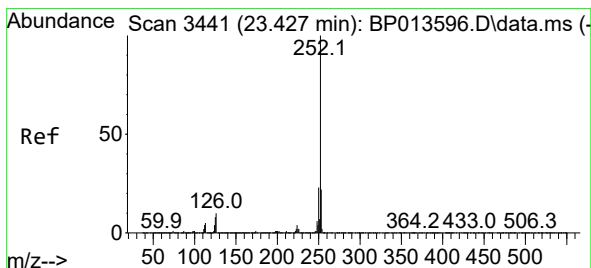
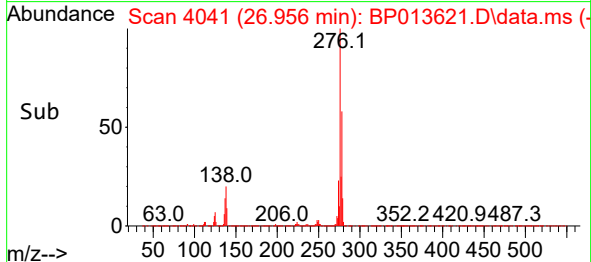
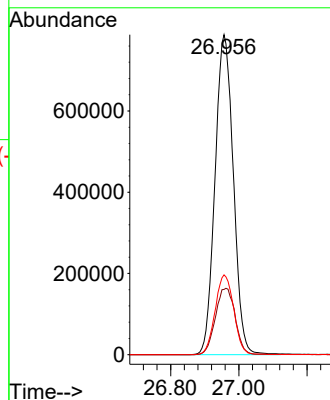
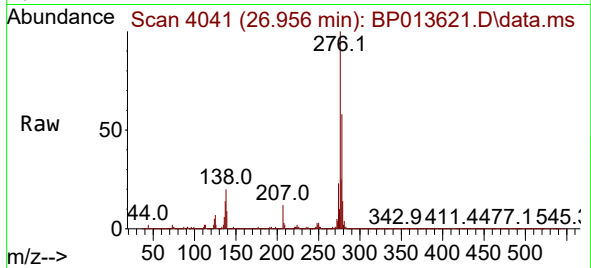
Tgt Ion:276 Resp: 2935183

Ion Ratio Lower Upper

276 100

138 22.5 16.4 24.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.016 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

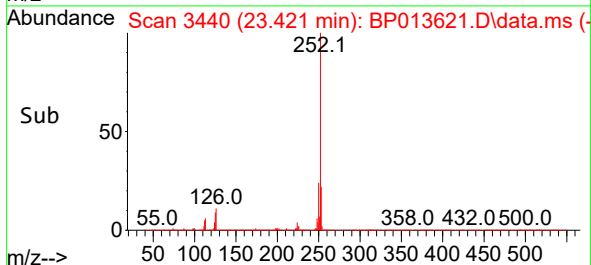
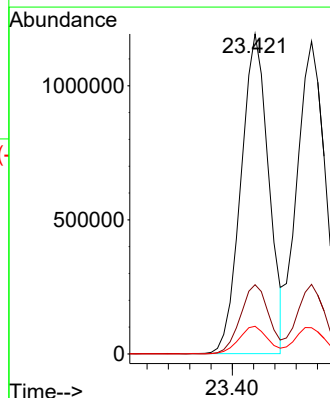
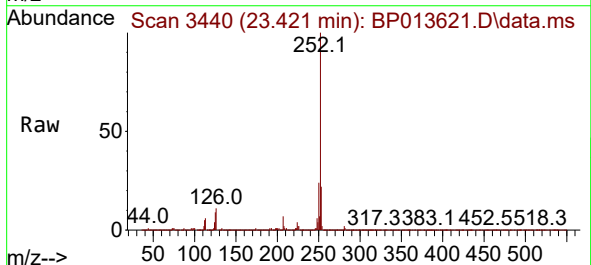
Tgt Ion:252 Resp: 2154309

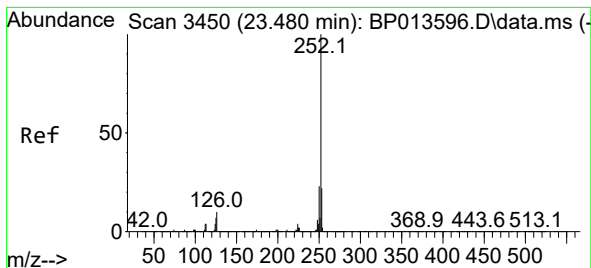
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.7 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 45.456 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

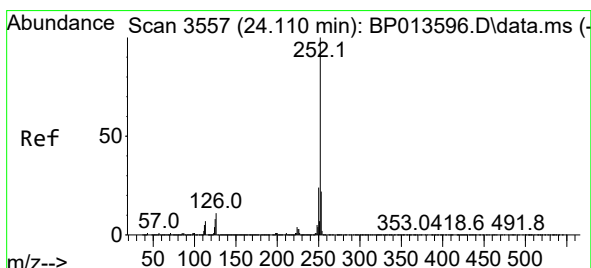
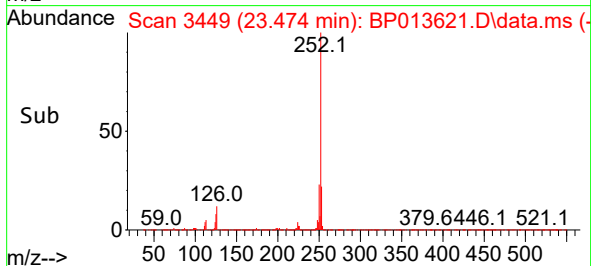
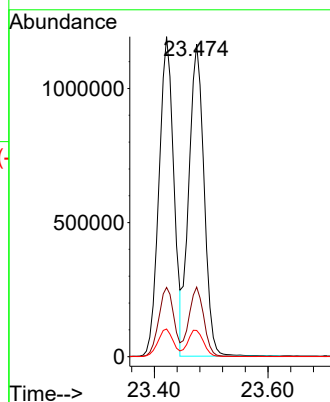
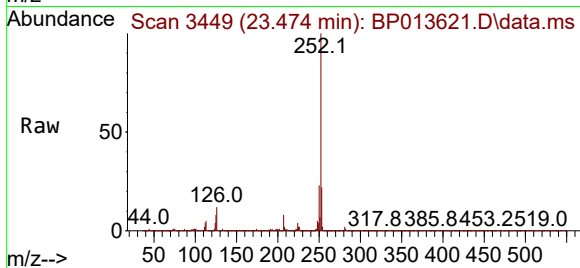
Tgt Ion:252 Resp: 2159547

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 8.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 43.232 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

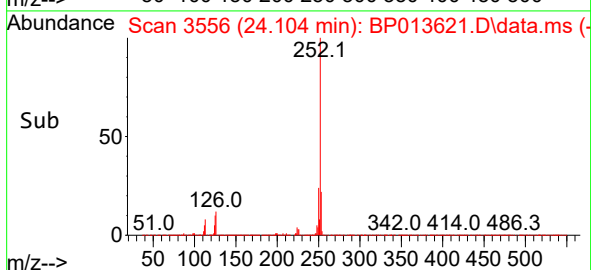
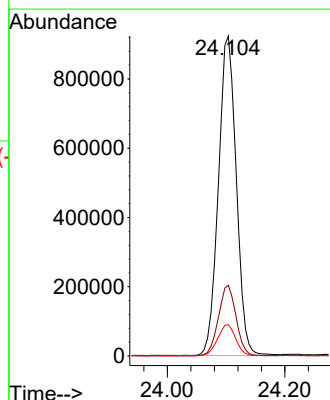
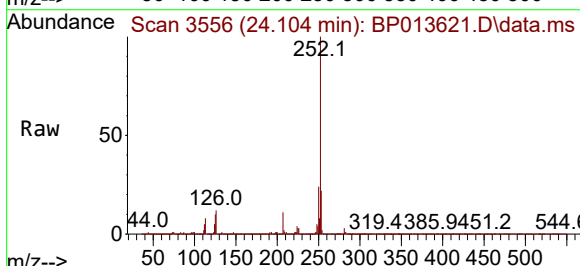
Tgt Ion:252 Resp: 1947298

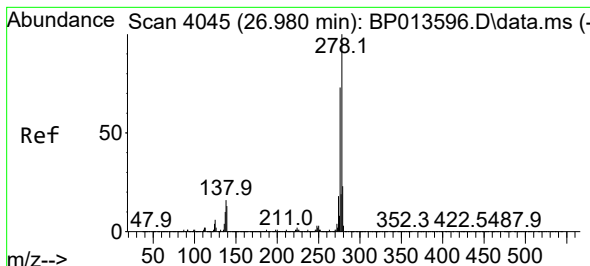
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.7 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 56.479 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA_P

ClientSampleId :

PB150378BS

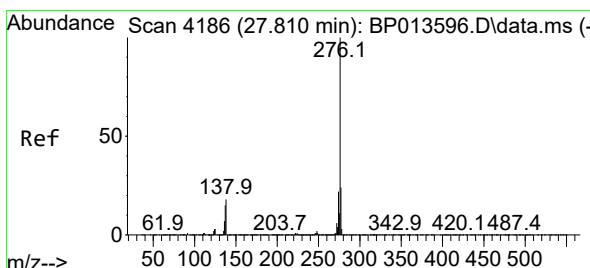
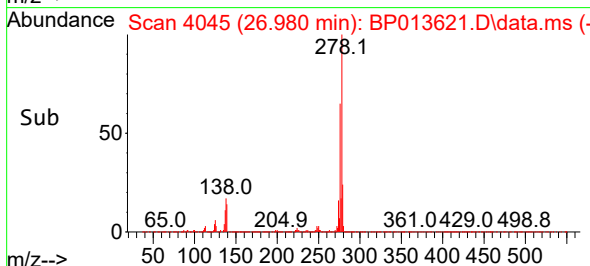
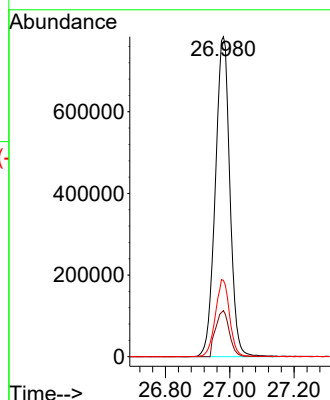
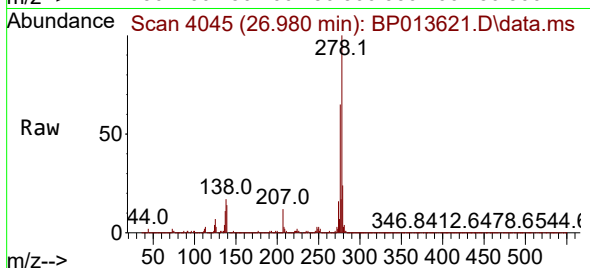
Tgt Ion:278 Resp: 2462808

Ion Ratio Lower Upper

278 100

139 14.4 10.6 15.8

279 23.8 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 57.289 ng

RT: 27.798 min Scan# 4184

Delta R.T. -0.012 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Tgt Ion:276 Resp: 2459736

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.7 14.3 21.5

