

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013612.D
 Acq On : 27 Jan 2023 11:45
 Operator : CG/JU
 Sample : PB150456BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150456BSD

Quant Time: Jan 29 23:48:30 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	8.158	152	200490	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	706794	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	376335	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	705429	20.000	ng	0.00
76) Chrysene-d12	21.627	240	619854	20.000	ng	0.00
86) Perylene-d12	24.216	264	730195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1615076	144.354	ng	0.00
7) Phenol-d6	7.299	99	1943859	128.613	ng	0.00
23) Nitrobenzene-d5	9.328	82	1129994	87.848	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	637388	111.244	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2553972	96.925	ng	0.00
79) Terphenyl-d14	20.075	244	3111769	88.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	200877	40.722	ng	98
3) Pyridine	3.940	79	522040	37.230	ng	99
4) n-Nitrosodimethylamine	3.846	42	236554	43.166	ng	97
6) Aniline	7.469	93	690413	34.468	ng	99
8) 2-Chlorophenol	7.711	128	572326	48.188	ng	98
9) Benzaldehyde	7.281	77	268136	26.360	ng	99
10) Phenol	7.328	94	705756	44.578	ng	99
11) bis(2-Chloroethyl)ether	7.563	93	588800	44.909	ng	99
12) 1,3-Dichlorobenzene	8.046	146	665436	48.537	ng	98
13) 1,4-Dichlorobenzene	8.193	146	672644	48.384	ng	99
14) 1,2-Dichlorobenzene	8.511	146	644229	49.220	ng	99
15) Benzyl Alcohol	8.393	79	467969	39.874	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.681	45	669991	45.348	ng	99
17) 2-Methylphenol	8.593	107	467872	40.954	ng	98
18) Hexachloroethane	9.252	117	236360	47.457	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	386834	39.384	ng	98
20) 3+4-Methylphenols	8.922	107	607290	38.790	ng	98
22) Acetophenone	8.987	105	810871	45.451	ng	# 98
24) Nitrobenzene	9.369	77	594650	44.172	ng	100
25) Isophorone	9.899	82	1114092	39.540	ng	100
26) 2-Nitrophenol	10.087	139	249588	43.159	ng	96
27) 2,4-Dimethylphenol	10.140	122	468917	43.803	ng	98
28) bis(2-Chloroethoxy)met...	10.381	93	698360	43.562	ng	99
29) 2,4-Dichlorophenol	10.622	162	519650	43.136	ng	100
30) 1,2,4-Trichlorobenzene	10.846	180	633431	47.425	ng	98
31) Naphthalene	11.034	128	1604887	44.685	ng	100
32) Benzoic acid	10.257	122	271586	34.801	ng	92
33) 4-Chloroaniline	11.140	127	250365	16.057	ng	98
34) Hexachlorobutadiene	11.322	225	418153	46.563	ng	98
35) Caprolactam	11.916	113	110995	32.133	ng	97
36) 4-Chloro-3-methylphenol	12.246	107	465708	36.466	ng	98
37) 2-Methylnaphthalene	12.628	142	1078089	39.277	ng	98
38) 1-Methylnaphthalene	12.846	142	992045	38.615	ng	98
40) 1,2,4,5-Tetrachloroben...	12.993	216	675673	51.535	ng	99
41) Hexachlorocyclopentadiene	12.975	237	817570	120.695	ng	98
43) 2,4,6-Trichlorophenol	13.222	196	405485	46.221	ng	99

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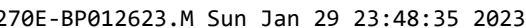
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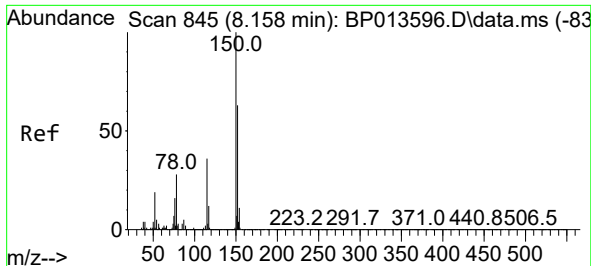
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	418161	40.759	ng	98
46) 1,1'-Biphenyl	13.628	154	1369518	48.835	ng	99
47) 2-Chloronaphthalene	13.669	162	1063800	49.707	ng	99
48) 2-Nitroaniline	13.869	65	159113	32.379	ng	96
49) Acenaphthylene	14.516	152	1578964	44.730	ng	99
50) Dimethylphthalate	14.240	163	1164046	39.821	ng	99
51) 2,6-Dinitrotoluene	14.357	165	210543	36.044	ng	97
52) Acenaphthene	14.857	154	952382	42.154	ng	99
53) 3-Nitroaniline	14.687	138	129043	23.787	ng	96
54) 2,4-Dinitrophenol	14.887	184	247646	68.945	ng	97
55) Dibenzofuran	15.187	168	1492296	42.174	ng	98
56) 4-Nitrophenol	14.981	139	372392	78.152	ng	93
57) 2,4-Dinitrotoluene	15.140	165	270973	34.685	ng	98
58) Fluorene	15.840	166	1108169	40.954	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	351225	39.518	ng	99
60) Diethylphthalate	15.598	149	1038641	38.907	ng	99
61) 4-Chlorophenyl-phenyle...	15.828	204	615305	40.270	ng	97
62) 4-Nitroaniline	15.851	138	175660	33.653	ng	92
63) Azobenzene	16.122	77	1062767	39.072	ng	98
65) 4,6-Dinitro-2-methylph...	15.904	198	141856	37.399	ng	97
66) n-Nitrosodiphenylamine	16.040	169	946064	48.676	ng	97
67) 4-Bromophenyl-phenylether	16.728	248	380366	46.780	ng	98
68) Hexachlorobenzene	16.845	284	440644	49.579	ng	97
69) Atrazine	16.992	200	289369	48.705	ng	99
70) Pentachlorophenol	17.187	266	545143	78.925	ng	99
71) Phenanthrene	17.586	178	1710219	47.270	ng	99
72) Anthracene	17.681	178	1704453	46.624	ng	100
73) Carbazole	17.939	167	1485913	45.614	ng	99
74) Di-n-butylphthalate	18.481	149	1284669	43.327	ng	99
75) Fluoranthene	19.539	202	1927098	42.705	ng	99
77) Benzidine	19.710	184	319641	49.185	ng	98
78) Pyrene	19.892	202	2024646	42.205	ng	99
80) Butylbenzylphthalate	20.745	149	227374	35.981	ng	97
81) Benzo(a)anthracene	21.610	228	1975559	45.260	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	380831	36.355	ng	98
83) Chrysene	21.669	228	1851795	45.151	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	379922	39.142	ng	100
85) Di-n-octyl phthalate	22.504	149	726218	45.302	ng	98
87) Indeno(1,2,3-cd)pyrene	26.957	276	2954999	57.563	ng	99
88) Benzo(b)fluoranthene	23.421	252	2173180	46.357	ng	99
89) Benzo(k)fluoranthene	23.474	252	2096879	45.057	ng	99
90) Benzo(a)pyrene	24.104	252	1940884	43.987	ng	99
91) Dibenzo(a,h)anthracene	26.974	278	2464687	57.700	ng	99
92) Benzo(g,h,i)perylene	27.792	276	2488137	59.158	ng	99

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

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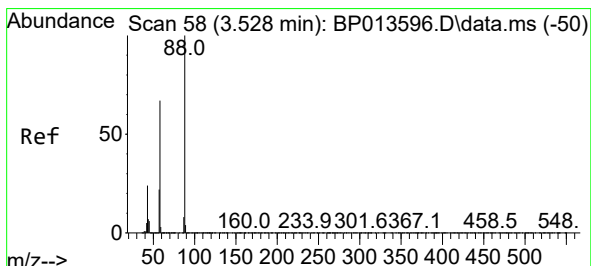
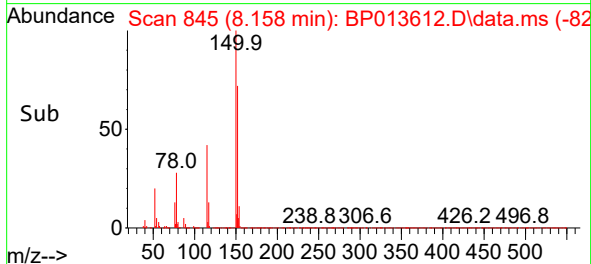
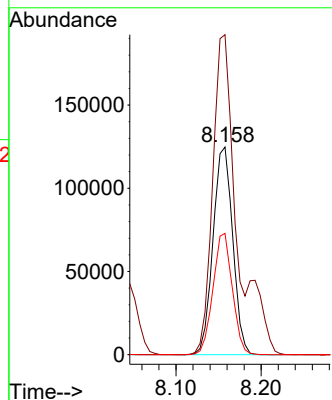
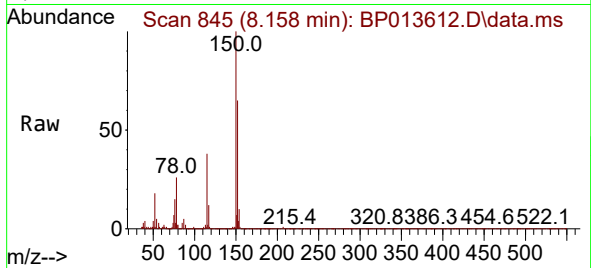




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.158 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: BP013612.D
 Acq: 27 Jan 2023 11:45

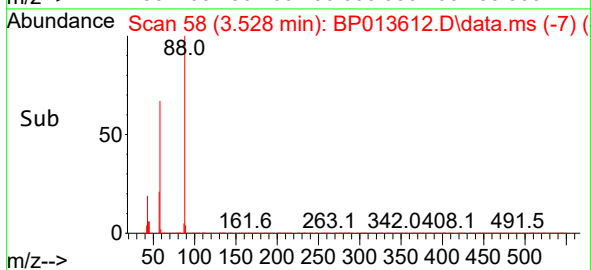
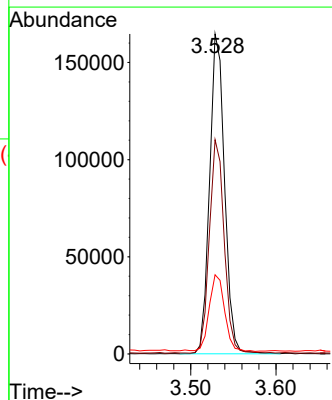
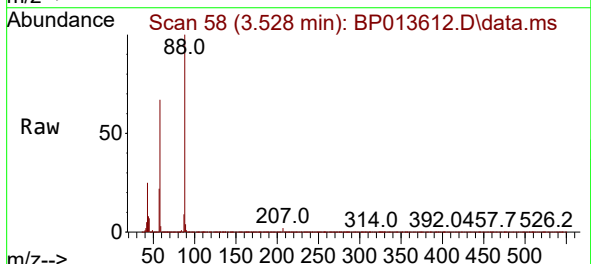
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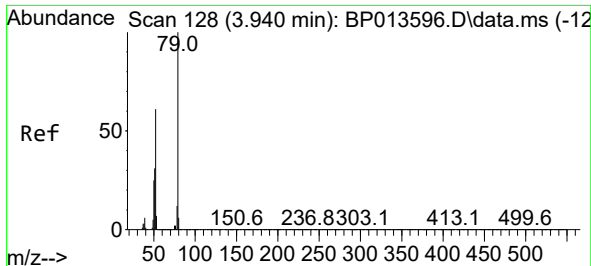
Tgt Ion:152 Resp: 200490
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 58.4 45.1 67.7



#2
 1,4-Dioxane
 Concen: 40.722 ng
 RT: 3.528 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BP013612.D
 Acq: 27 Jan 2023 11:45

Tgt Ion: 88 Resp: 200877
 Ion Ratio Lower Upper
 88 100
 58 66.0 54.2 81.4
 43 25.0 20.4 30.6

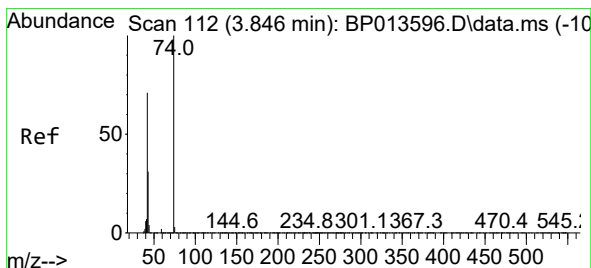
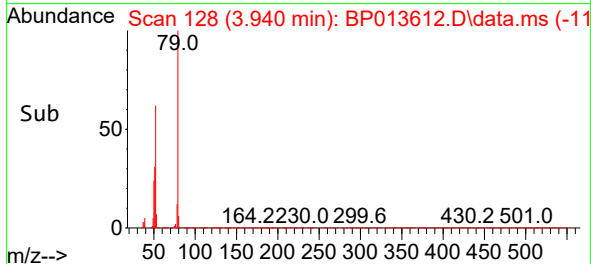
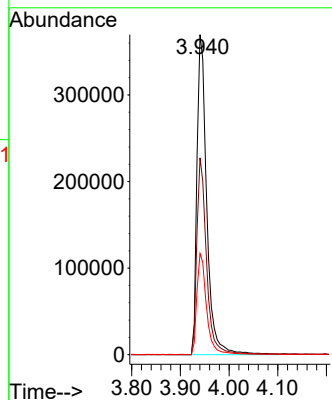
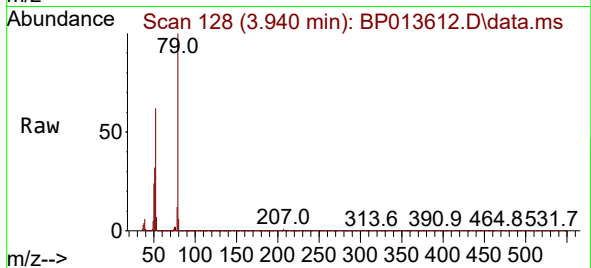




#3
Pyridine
Concen: 37.230 ng
RT: 3.940 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

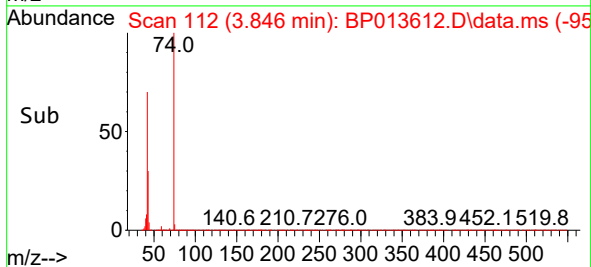
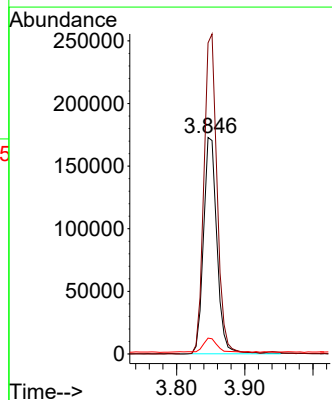
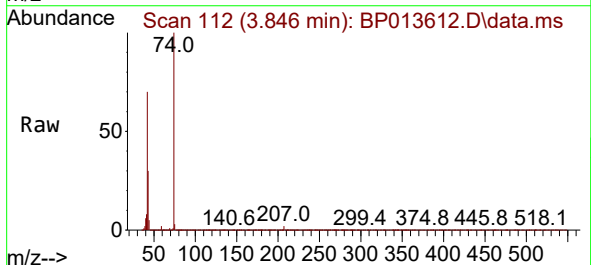
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ClientSampleId :
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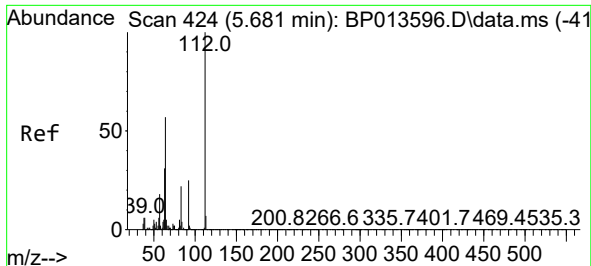
Tgt Ion: 79 Resp: 522040
Ion Ratio Lower Upper
79 100
52 61.5 48.6 73.0
51 31.6 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 43.166 ng
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 42 Resp: 236554
Ion Ratio Lower Upper
42 100
74 143.7 112.2 168.2
44 7.3 5.6 8.4

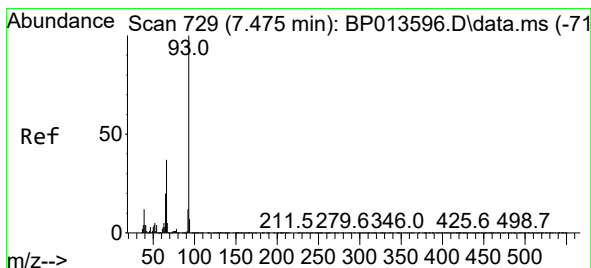
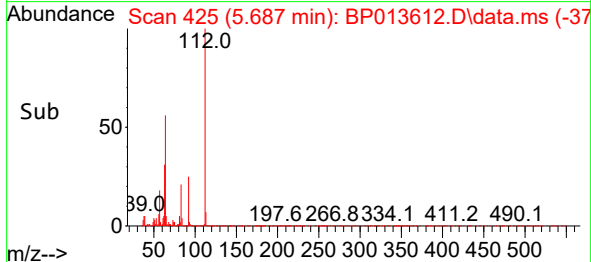
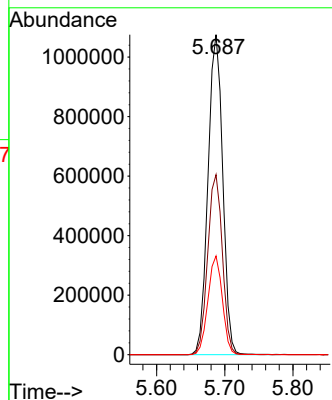
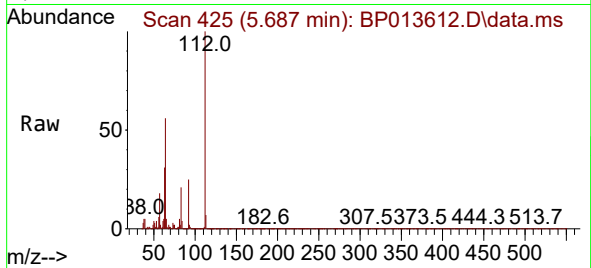




#5
2-Fluorophenol
Concen: 144.354 ng
RT: 5.687 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

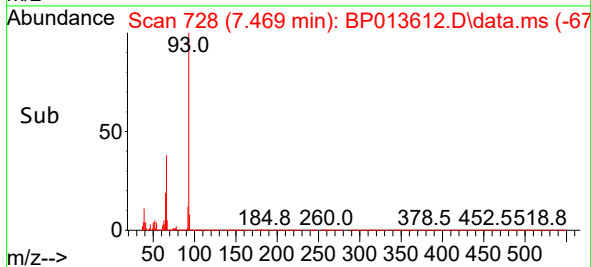
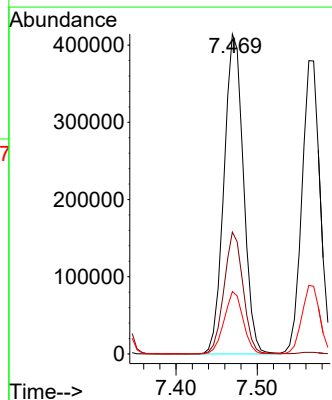
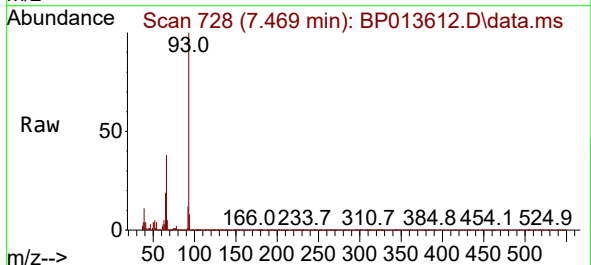
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ClientSampleId :
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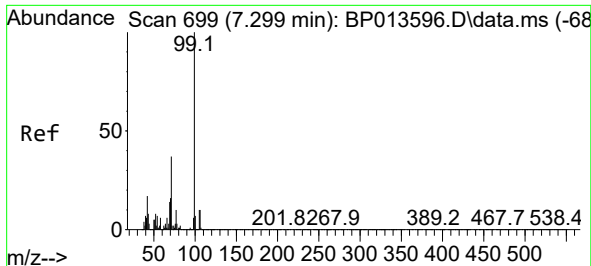
Tgt Ion:112 Resp: 1615076
Ion Ratio Lower Upper
112 100
64 56.3 45.5 68.3
63 30.9 25.1 37.7



#6
Aniline
Concen: 34.468 ng
RT: 7.469 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 93 Resp: 690413
Ion Ratio Lower Upper
93 100
66 38.1 29.8 44.8
65 19.5 15.8 23.6



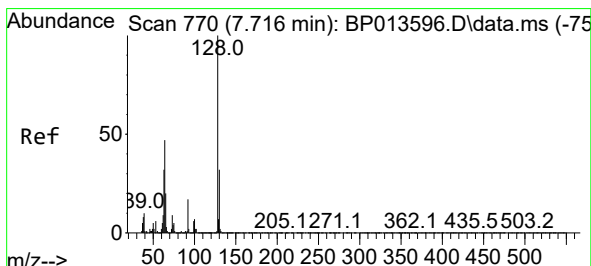
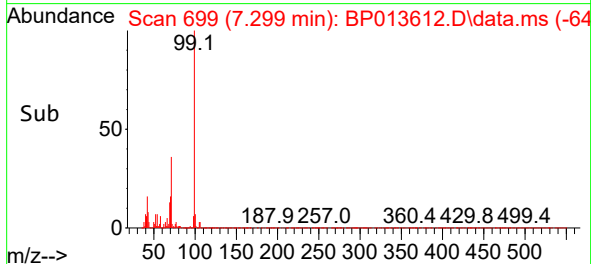
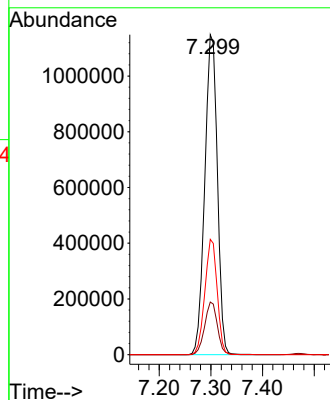
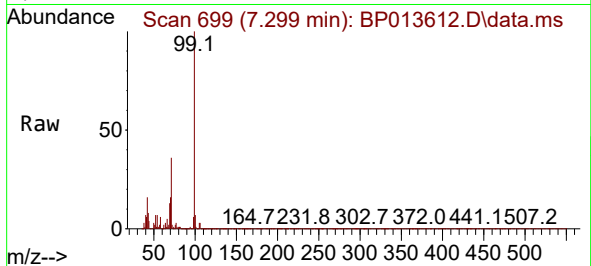


#7
Phenol-d6
Concen: 128.613 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Instrument :
BNA_P
ClientSampleId :
PB150456BSD

Tgt Ion: 99 Resp: 1943859

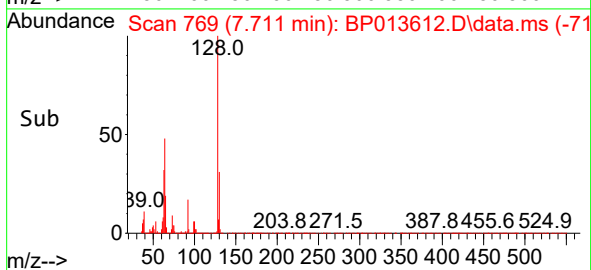
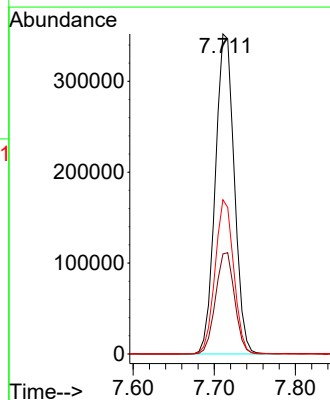
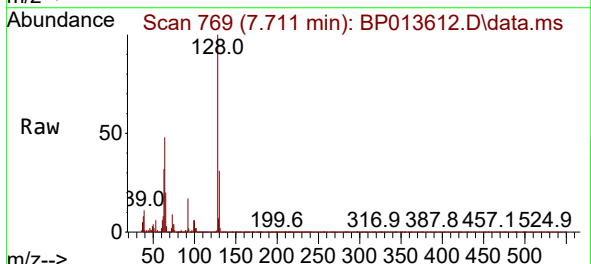
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	36.1	29.9	44.9

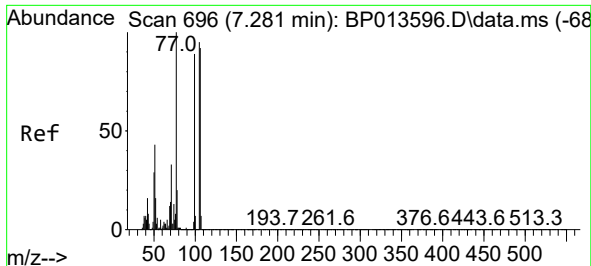


#8
2-Chlorophenol
Concen: 48.188 ng
RT: 7.711 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 128 Resp: 572326

Ion	Ratio	Lower	Upper
128	100		
130	31.2	11.9	51.9
64	48.2	26.8	66.8

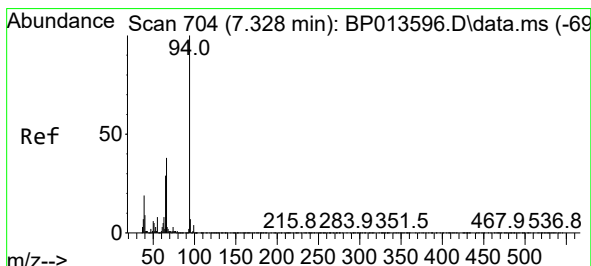
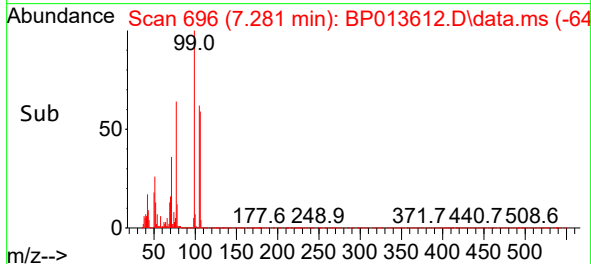
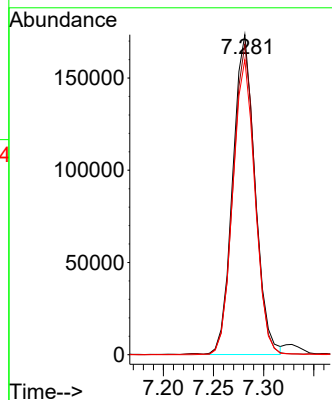
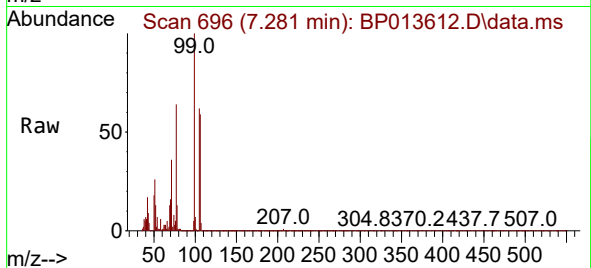




#9
Benzaldehyde
Concen: 26.360 ng
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

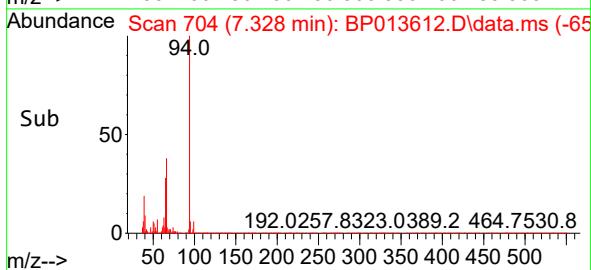
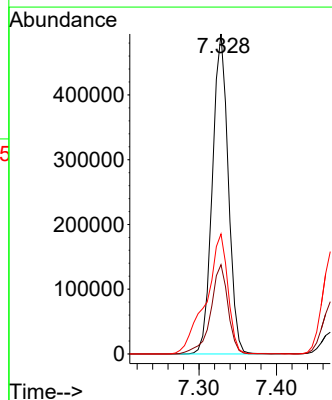
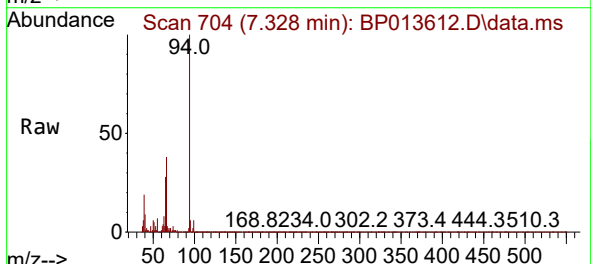
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

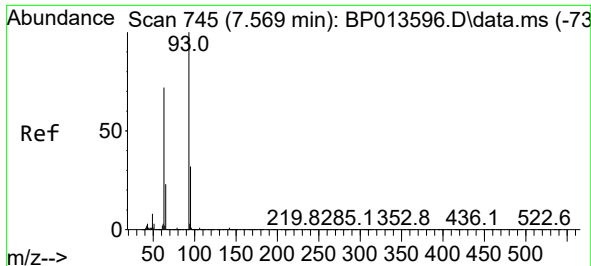
Tgt Ion: 77 Resp: 268136
Ion Ratio Lower Upper
77 100
105 96.9 74.8 114.8
106 92.2 71.5 111.5



#10
Phenol
Concen: 44.578 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 94 Resp: 705756
Ion Ratio Lower Upper
94 100
65 27.9 8.7 48.7
66 37.5 18.4 58.4

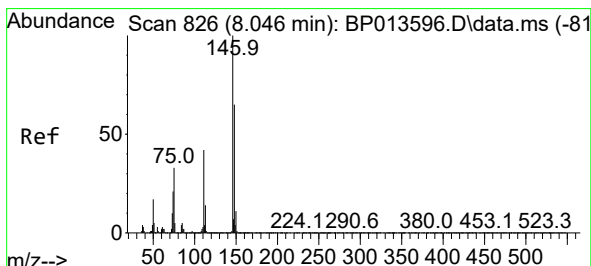
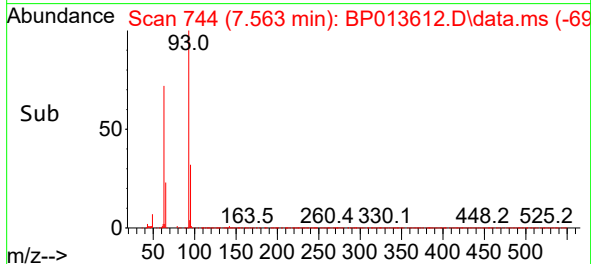
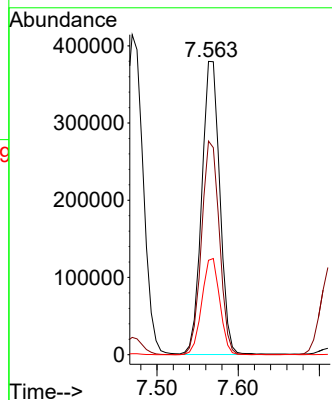
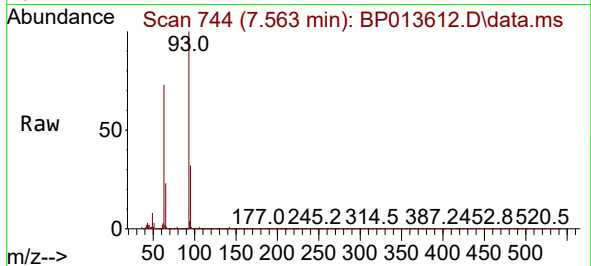




#11
bis(2-Chloroethyl)ether
Concen: 44.909 ng
RT: 7.563 min Scan# 744
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

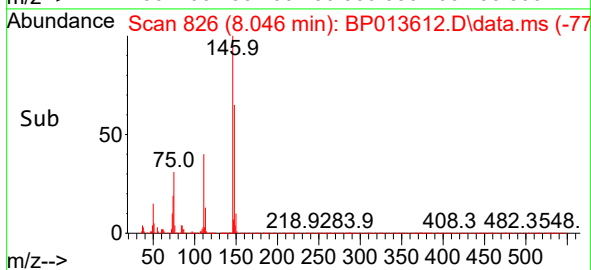
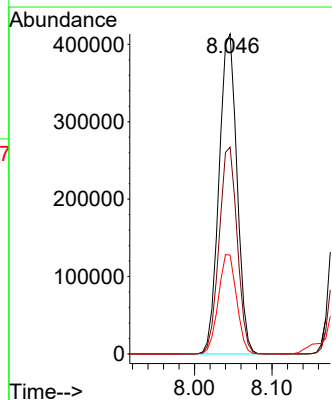
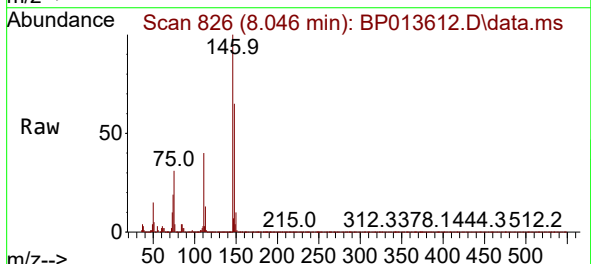
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

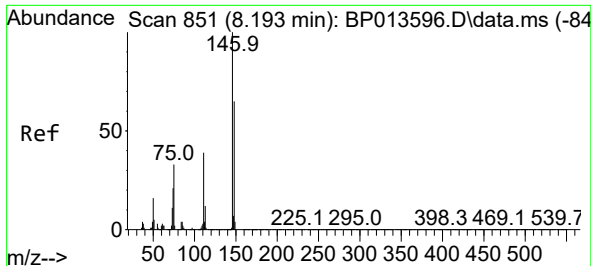
Tgt Ion: 93 Resp: 588800
Ion Ratio Lower Upper
93 100
63 72.9 52.1 92.1
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 48.537 ng
RT: 8.046 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:146 Resp: 665436
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
75 30.9 26.6 40.0

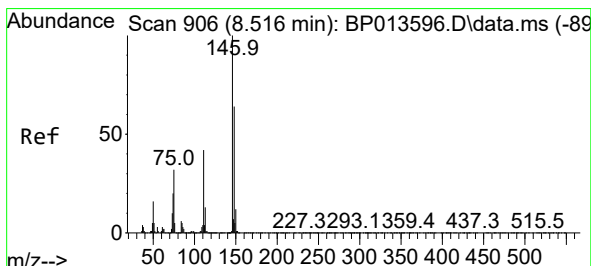
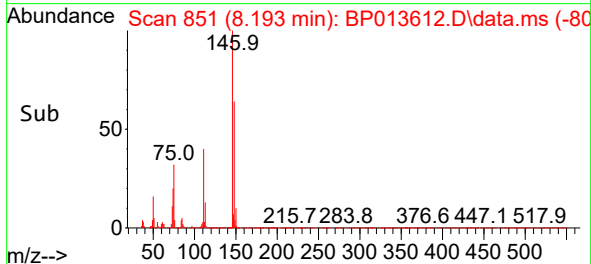
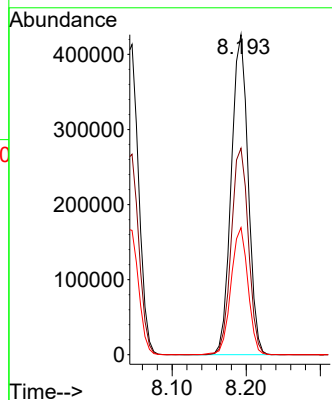
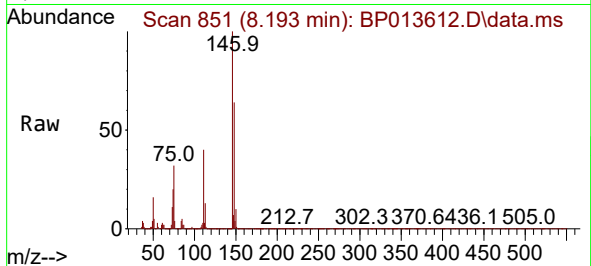




#13
1,4-Dichlorobenzene
Concen: 48.384 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

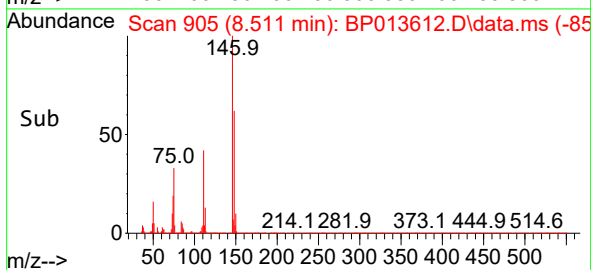
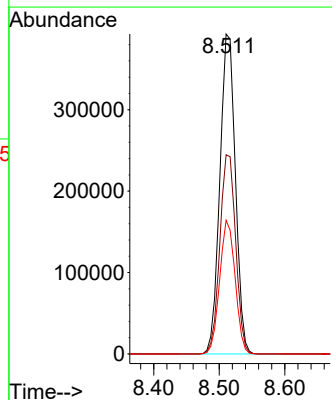
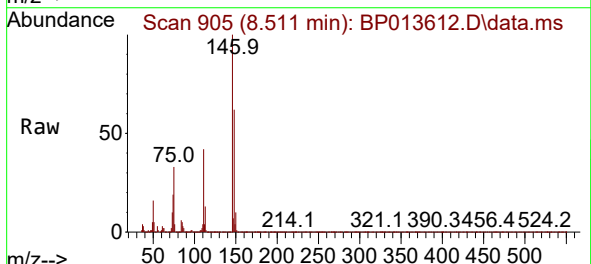
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

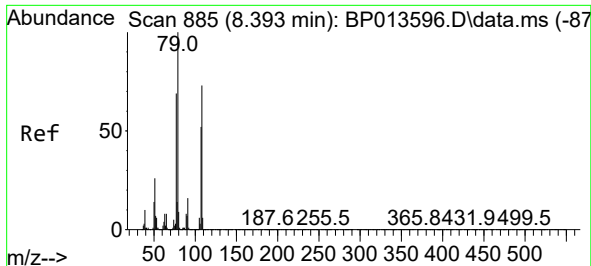
Tgt Ion:146 Resp: 672644
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
111 39.7 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 49.220 ng
RT: 8.511 min Scan# 905
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:146 Resp: 644229
Ion Ratio Lower Upper
146 100
148 62.3 50.8 76.2
111 41.7 33.3 49.9

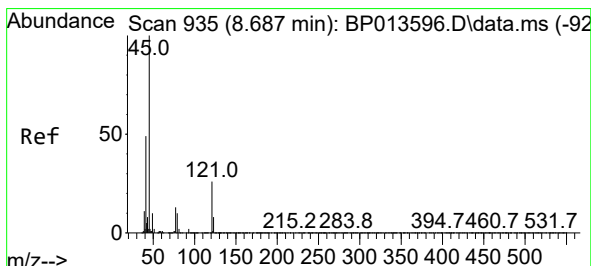
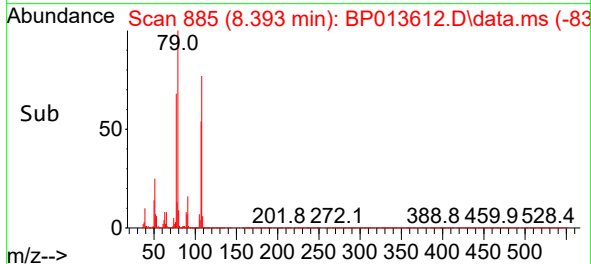
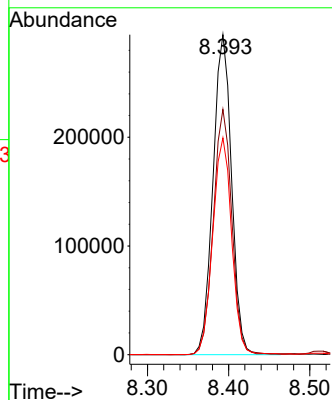
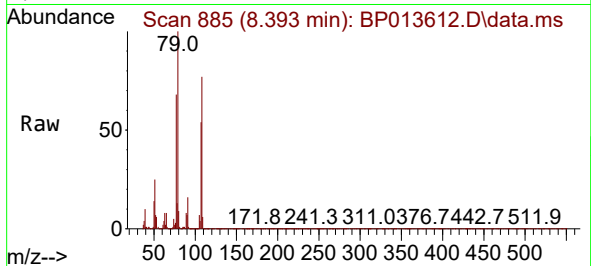




#15
Benzyl Alcohol
Concen: 39.874 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

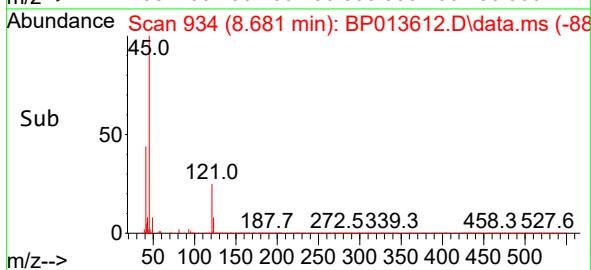
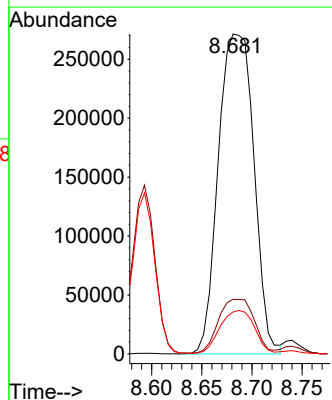
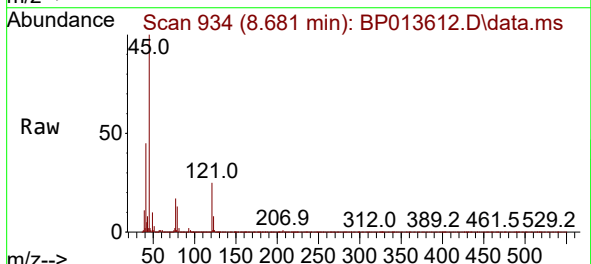
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

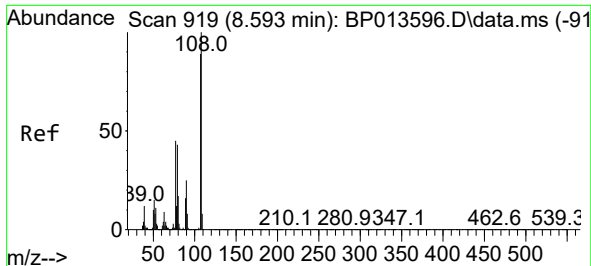
Tgt Ion: 79 Resp: 467969
Ion Ratio Lower Upper
79 100
108 76.7 58.4 87.6
77 67.7 55.0 82.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.348 ng
RT: 8.681 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 45 Resp: 669991
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.2
79 13.1 0.0 33.7

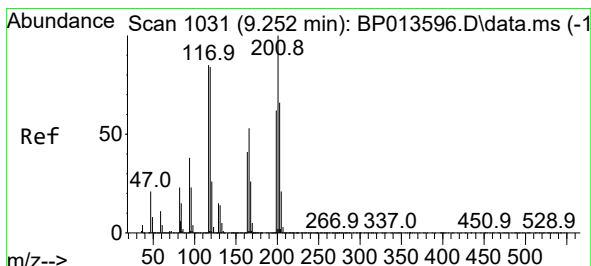
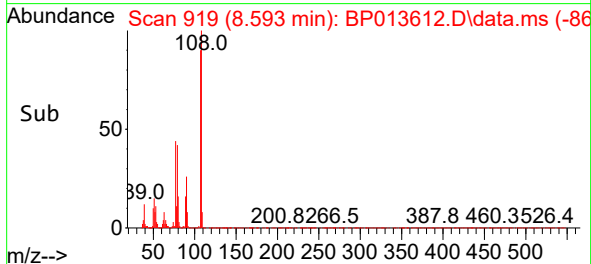
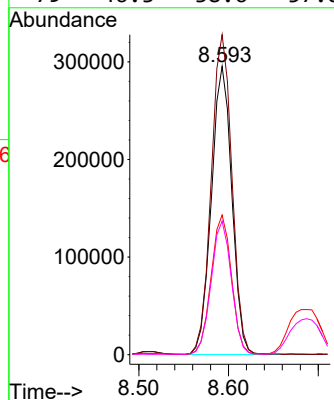
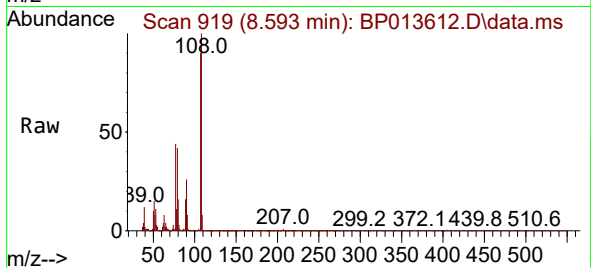




#17
2-Methylphenol
Concen: 40.954 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

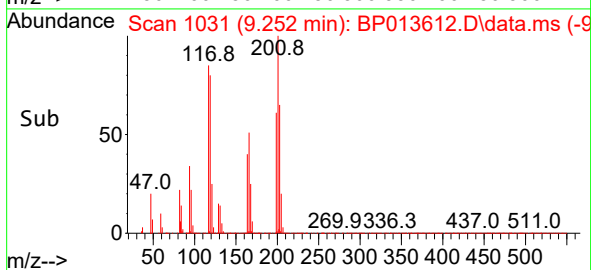
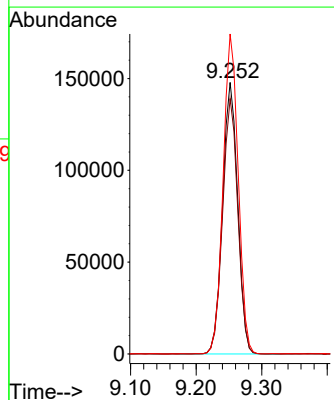
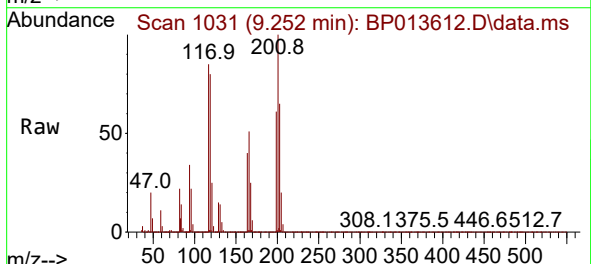
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

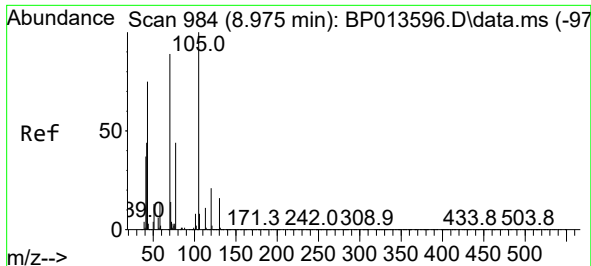
Tgt Ion:	107	Resp:	467872
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.6	134.4
77	48.5	40.4	60.6
79	46.3	38.6	57.8



#18
Hexachloroethane
Concen: 47.457 ng
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:	117	Resp:	236360
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.6	118.0
201	117.9	94.0	141.0

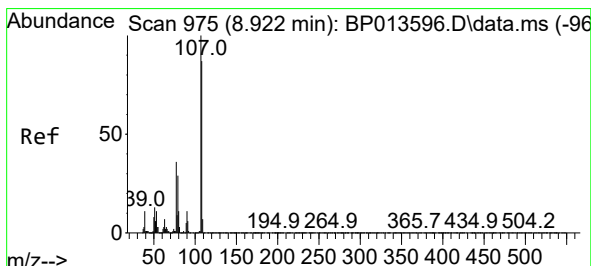
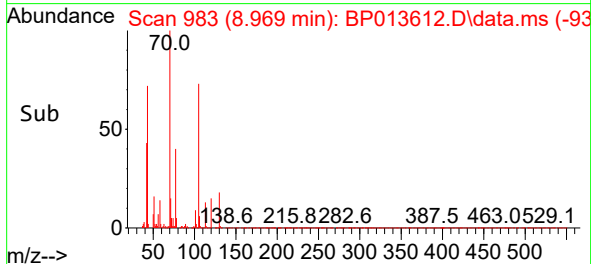
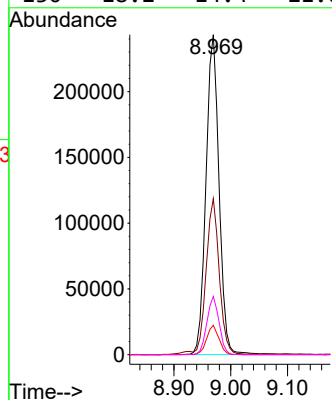
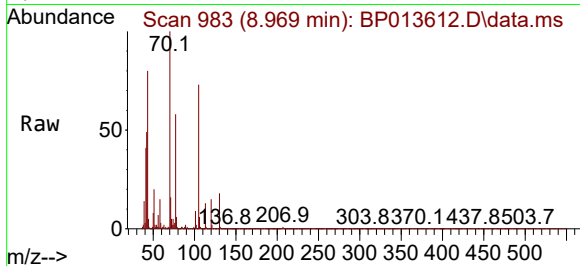




#19
n-Nitroso-di-n-propylamine
Concen: 39.384 ng
RT: 8.969 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

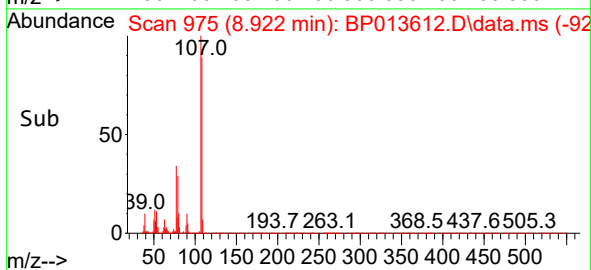
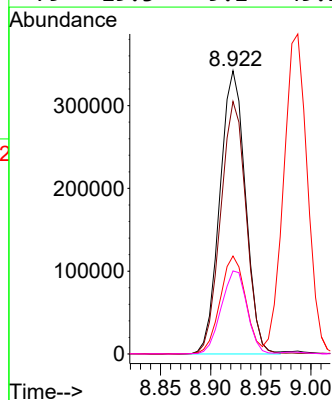
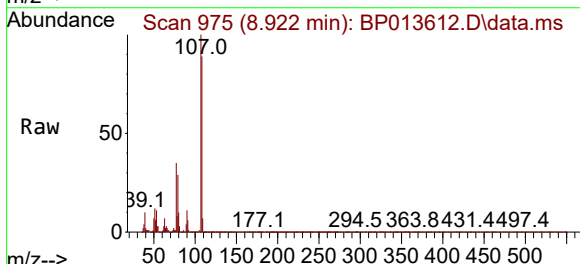
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

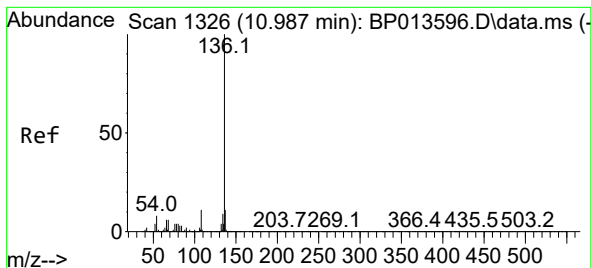
Tgt Ion: 70 Resp: 386834
Ion Ratio Lower Upper
70 100
42 48.8 40.1 60.1
101 9.2 7.0 10.4
130 18.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 38.790 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 107 Resp: 607290
Ion Ratio Lower Upper
107 100
108 89.1 67.4 107.4
77 34.6 15.9 55.9
79 29.3 9.2 49.2



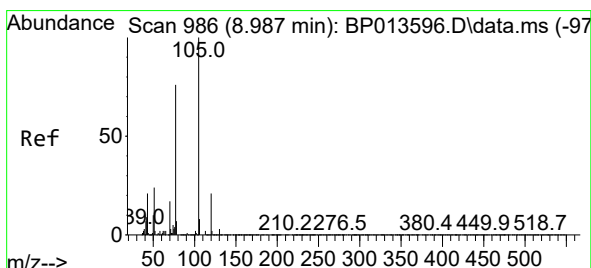
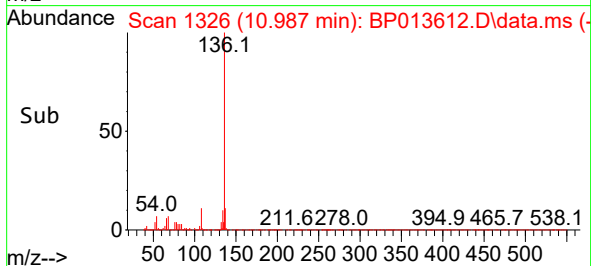
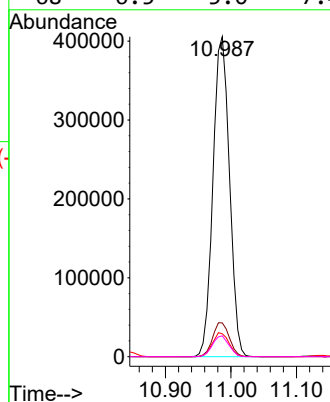
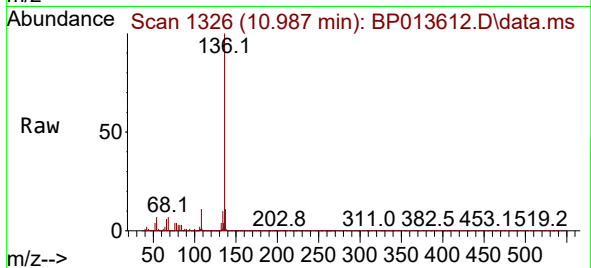


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Instrument :
BNA_P
ClientSampleId :
PB150456BSD

Tgt Ion:136 Resp: 706794

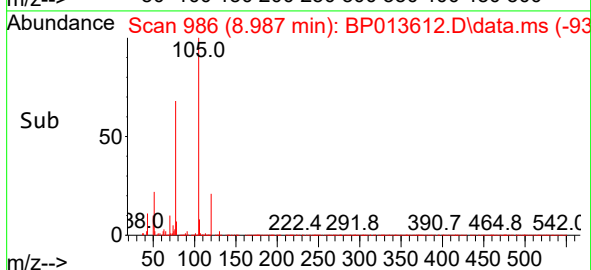
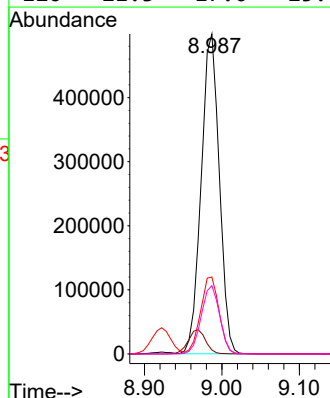
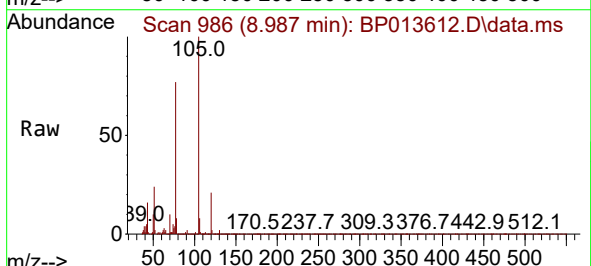
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.2	6.1	9.1
68	6.5	5.0	7.4

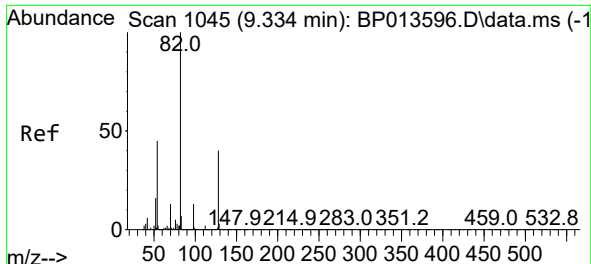


#22
Acetophenone
Concen: 45.451 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:105 Resp: 810871

Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.5	3.7#
51	24.0	20.6	31.0
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 87.848 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

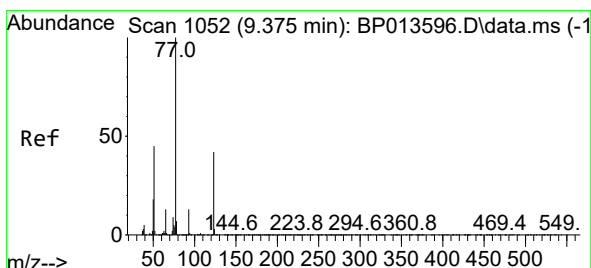
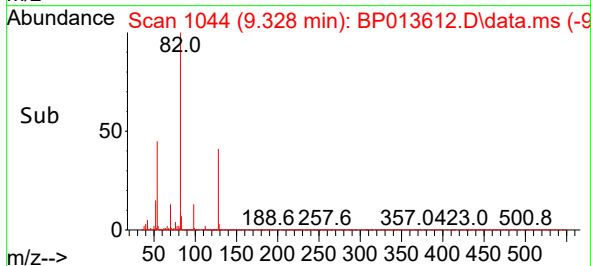
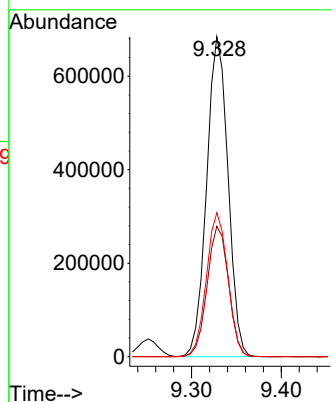
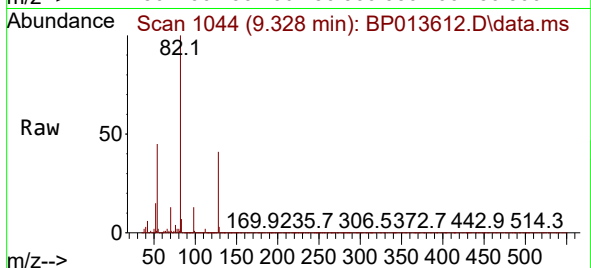
Tgt Ion: 82 Resp: 1129994

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.8

54 45.0 36.2 54.2



#24

Nitrobenzene

Concen: 44.172 ng

RT: 9.369 min Scan# 1051

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

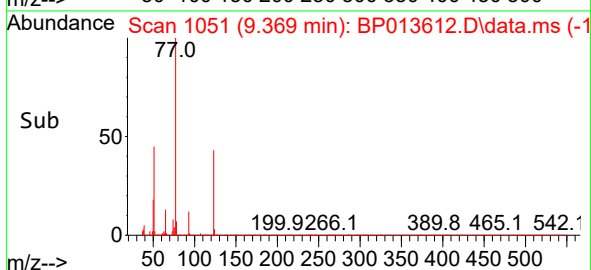
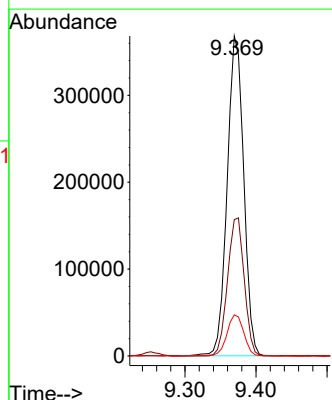
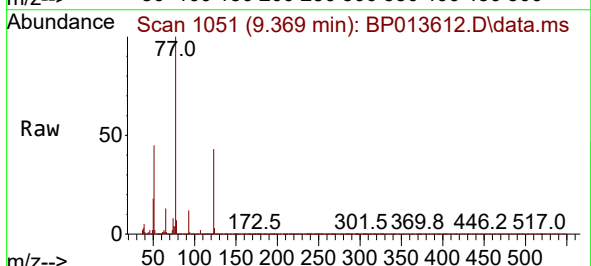
Tgt Ion: 77 Resp: 594650

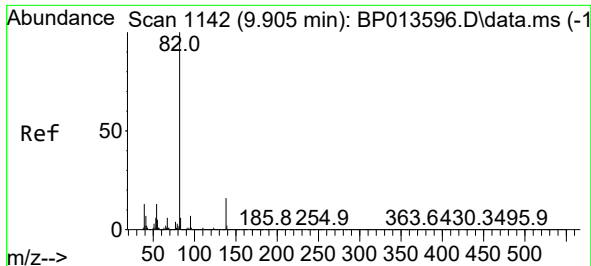
Ion Ratio Lower Upper

77 100

123 42.6 33.9 50.9

65 12.9 10.2 15.4

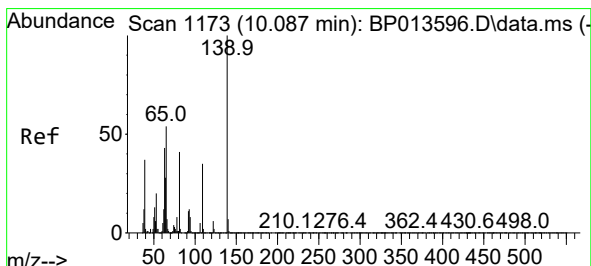
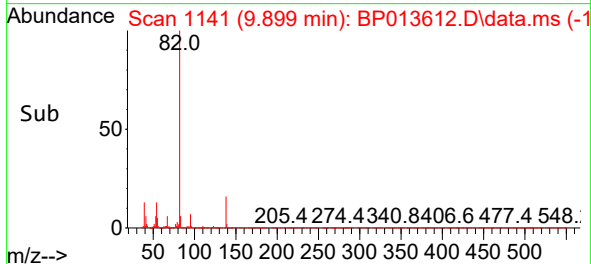
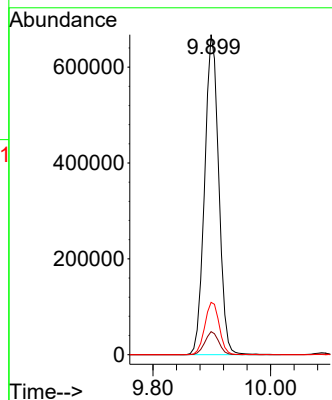
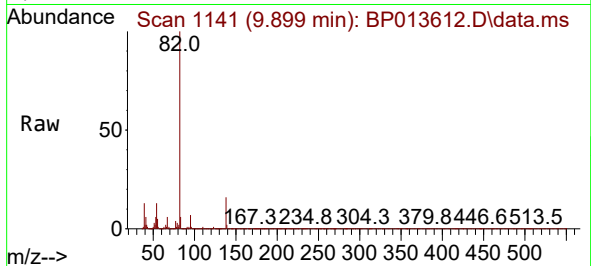




#25
Isophorone
Concen: 39.540 ng
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

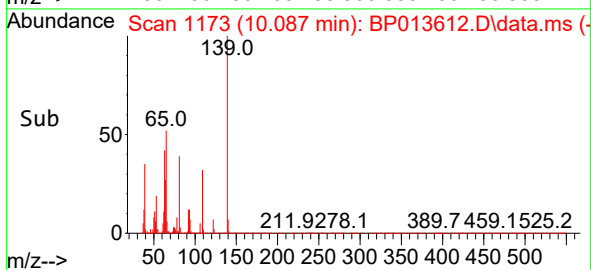
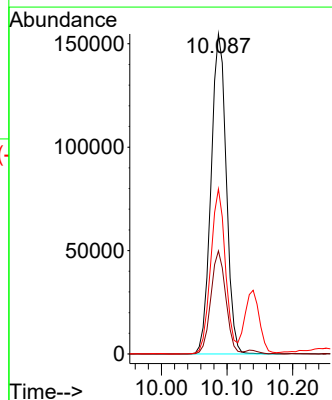
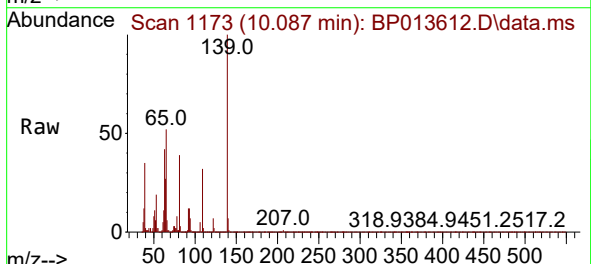
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

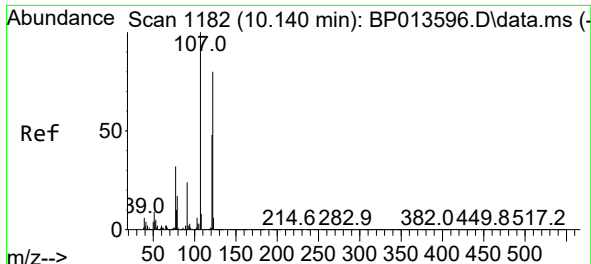
Tgt Ion: 82 Resp: 1114092
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.3 13.0 19.6



#26
2-Nitrophenol
Concen: 43.159 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:139 Resp: 249588
Ion Ratio Lower Upper
139 100
109 32.2 27.8 41.8
65 51.6 43.1 64.7

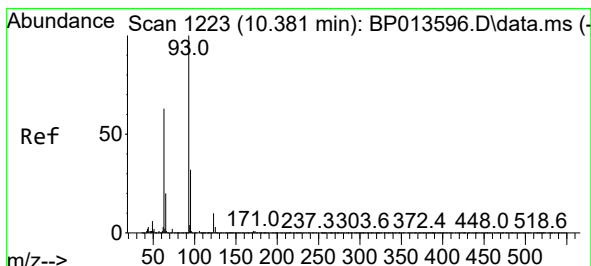
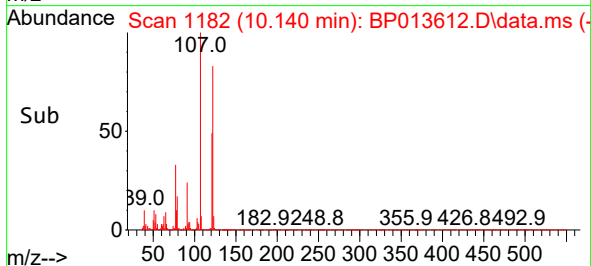
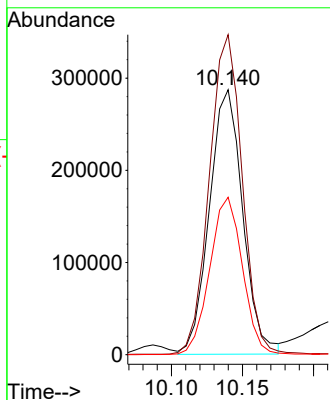
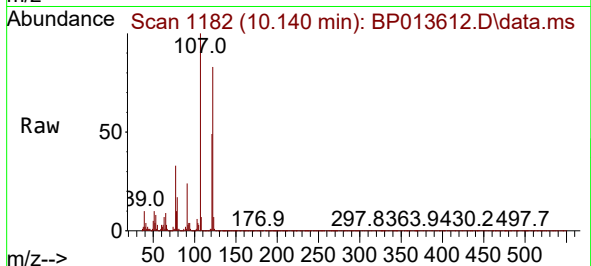




#27
2,4-Dimethylphenol
Concen: 43.803 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

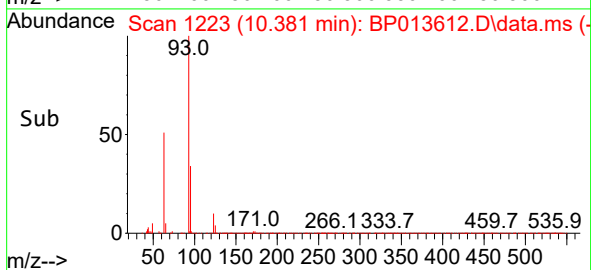
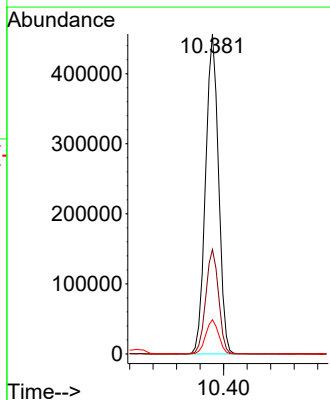
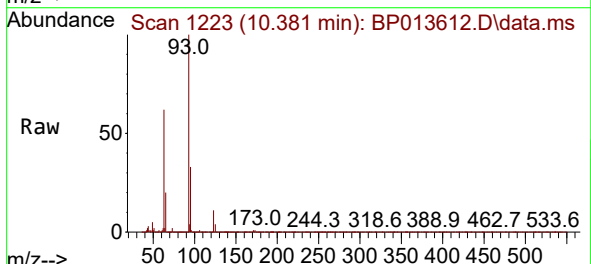
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

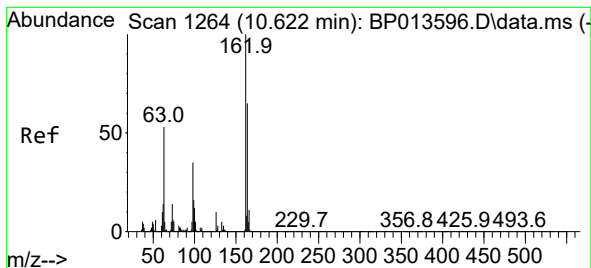
Tgt Ion:122 Resp: 468917
Ion Ratio Lower Upper
122 100
107 120.7 99.2 148.8
121 59.4 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.562 ng
RT: 10.381 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 93 Resp: 698360
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.136 ng

RT: 10.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

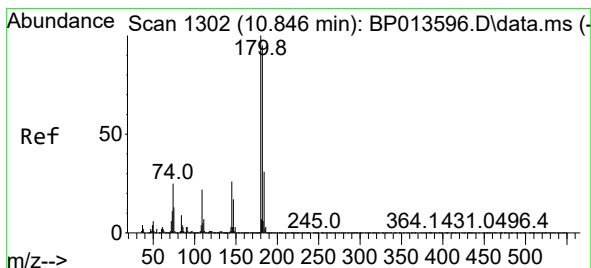
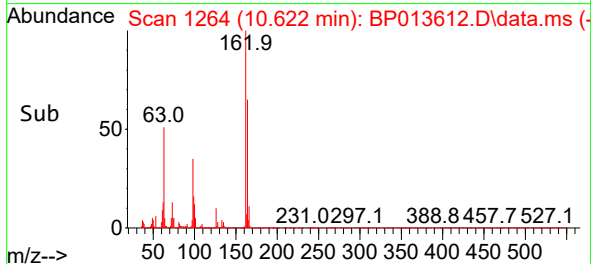
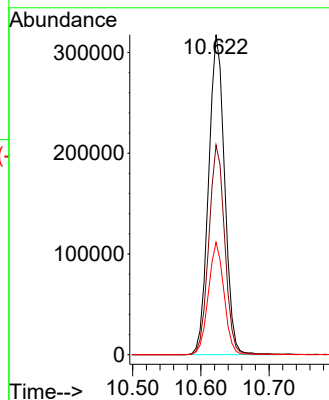
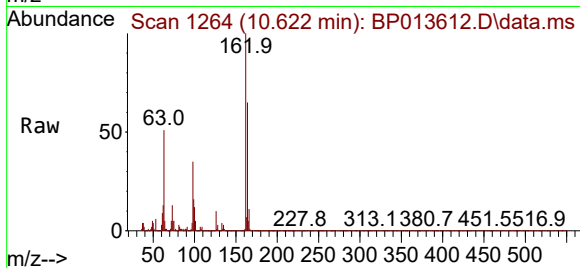
Tgt Ion:162 Resp: 519650

Ion Ratio Lower Upper

162 100

164 65.5 45.3 85.3

98 35.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.425 ng

RT: 10.846 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

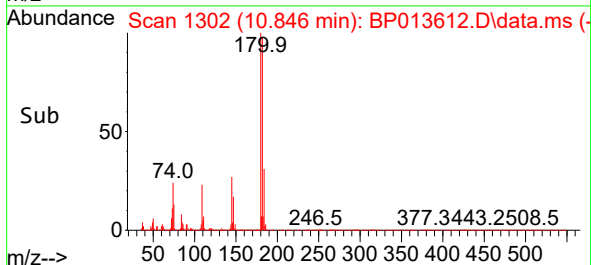
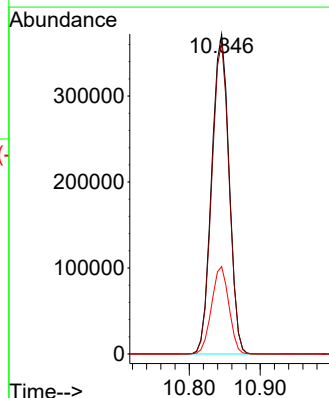
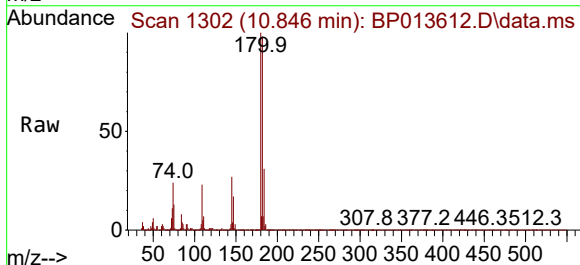
Tgt Ion:180 Resp: 633431

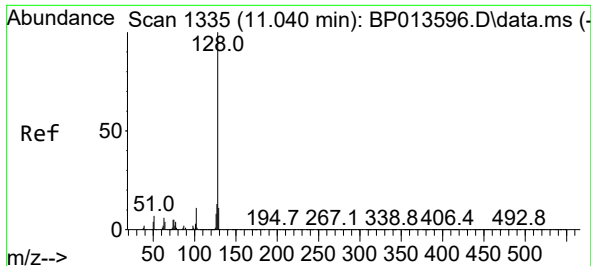
Ion Ratio Lower Upper

180 100

182 97.5 75.9 113.9

145 27.3 21.1 31.7

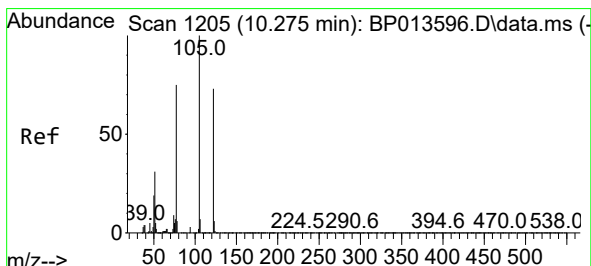
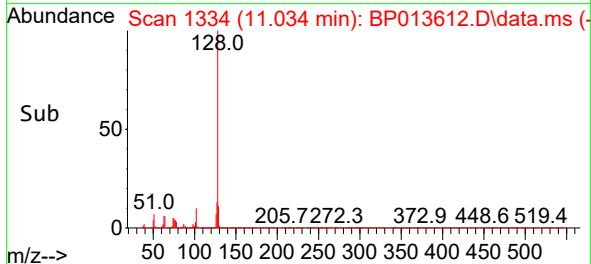
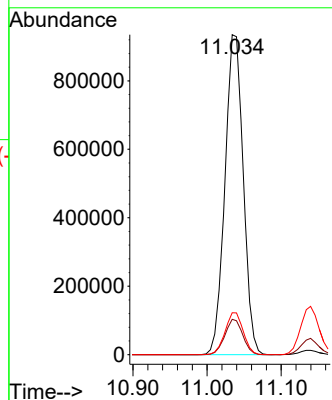
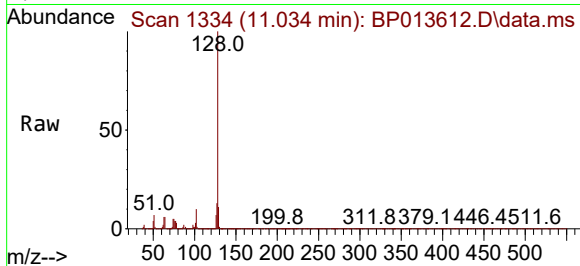




#31
Naphthalene
Concen: 44.685 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

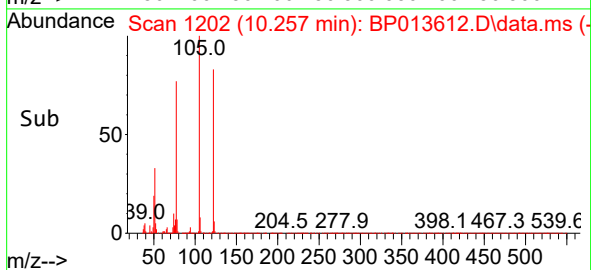
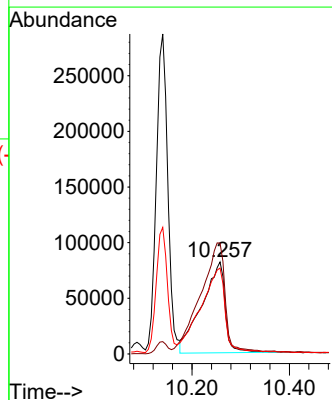
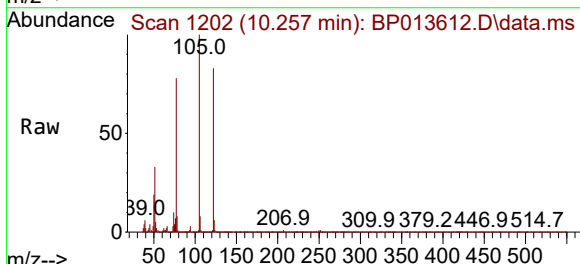
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

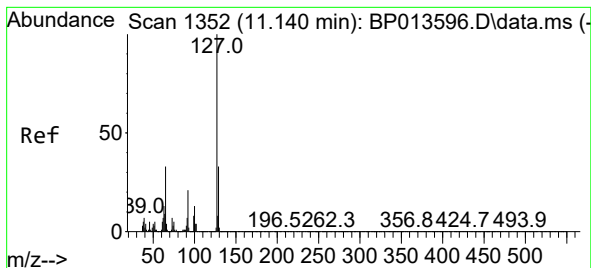
Tgt Ion:128 Resp: 1604887
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 34.801 ng
RT: 10.257 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:122 Resp: 271586
Ion Ratio Lower Upper
122 100
105 120.4 110.7 150.7
77 93.4 81.1 121.1





#33

4-Chloroaniline

Concen: 16.057 ng

RT: 11.140 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

Tgt Ion:127 Resp: 250365

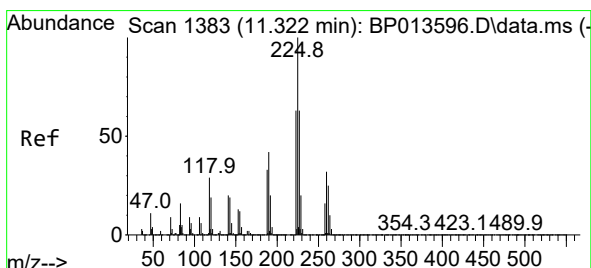
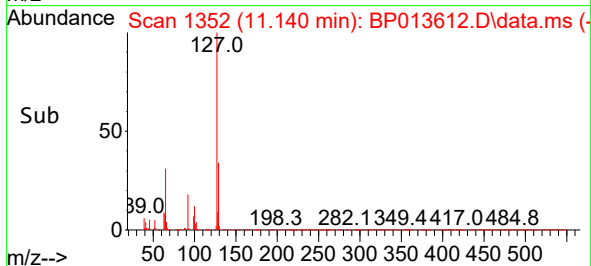
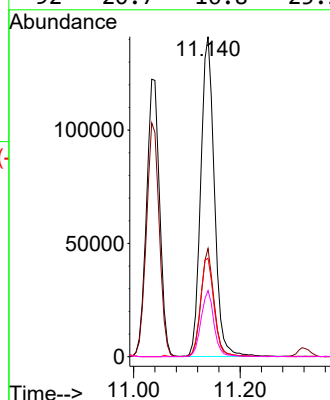
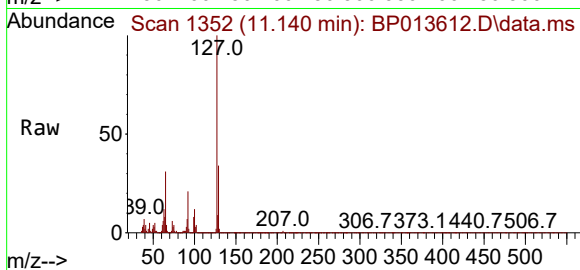
Ion Ratio Lower Upper

127 100

129 33.8 26.2 39.4

65 30.8 26.3 39.5

92 20.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 46.563 ng

RT: 11.322 min Scan# 1383

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

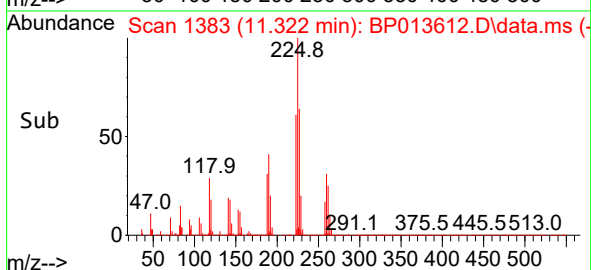
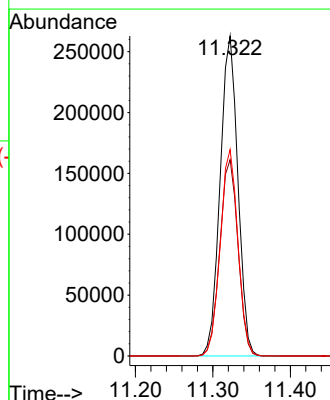
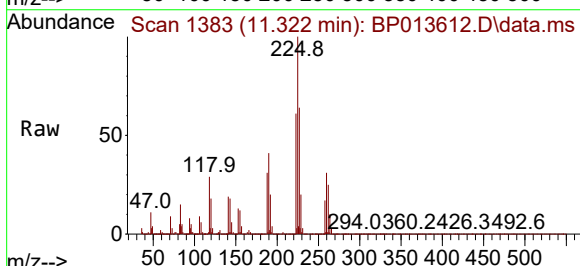
Tgt Ion:225 Resp: 418153

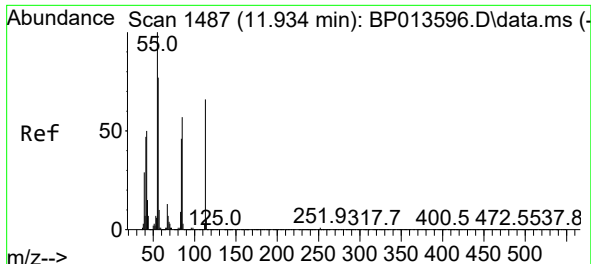
Ion Ratio Lower Upper

225 100

223 61.4 50.7 76.1

227 64.5 50.5 75.7

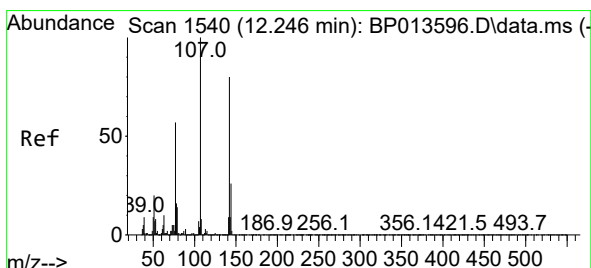
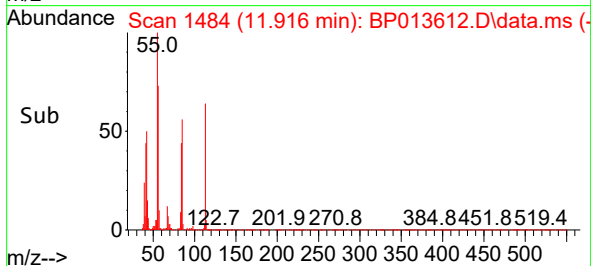
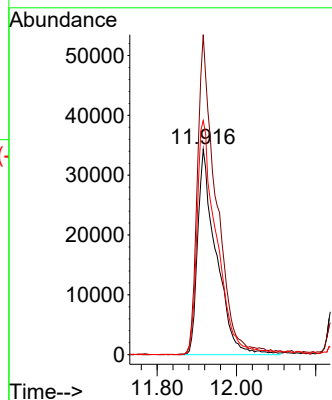
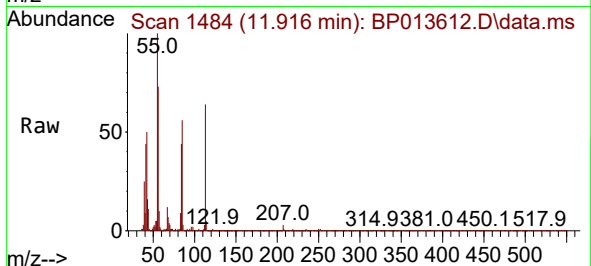




#35
Caprolactam
Concen: 32.133 ng
RT: 11.916 min Scan# 1487
Delta R.T. -0.018 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

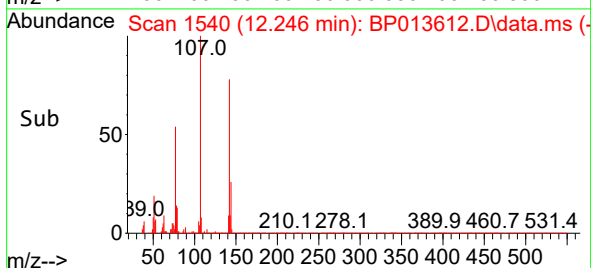
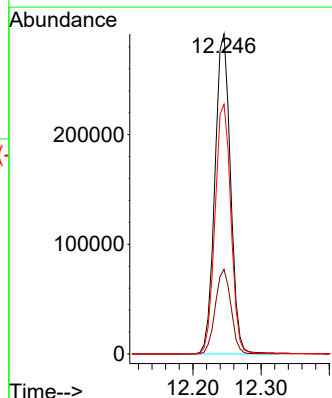
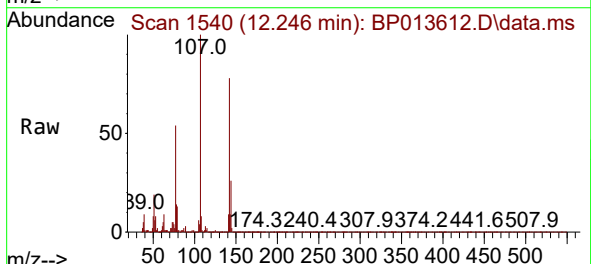
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

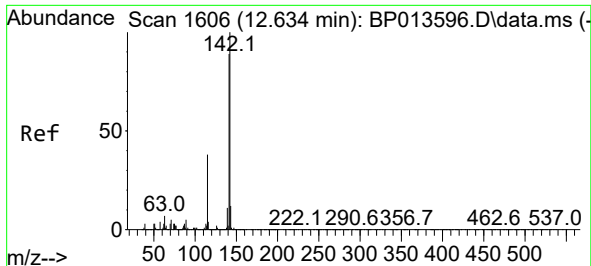
Tgt Ion:113 Resp: 110995
Ion Ratio Lower Upper
113 100
55 155.8 131.6 171.6
56 114.0 97.2 137.2



#36
4-Chloro-3-methylphenol
Concen: 36.466 ng
RT: 12.246 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:107 Resp: 465708
Ion Ratio Lower Upper
107 100
144 26.4 20.9 31.3
142 78.1 64.2 96.4

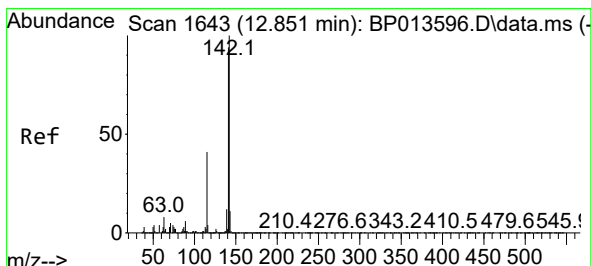
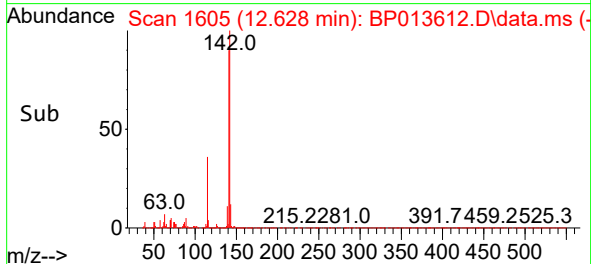
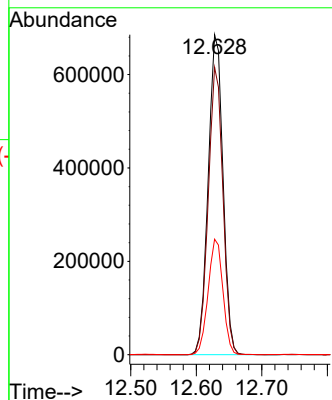
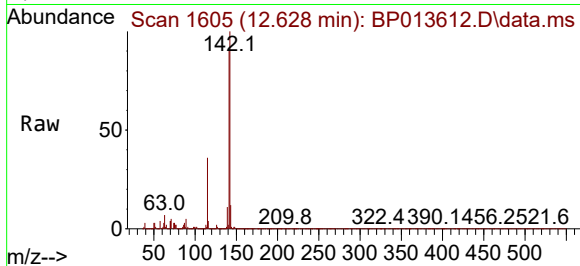




#37
2-Methylnaphthalene
Concen: 39.277 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

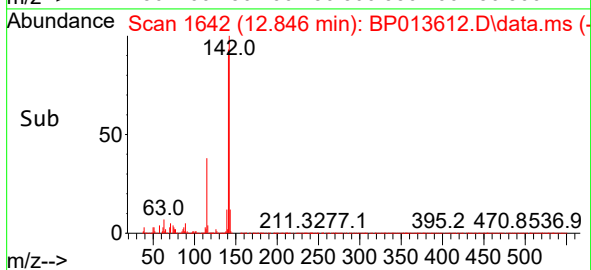
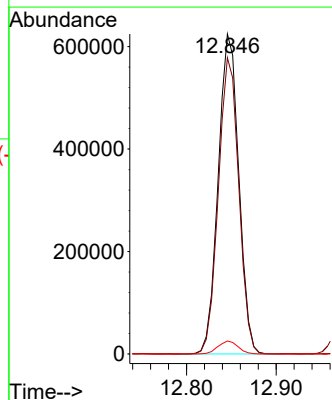
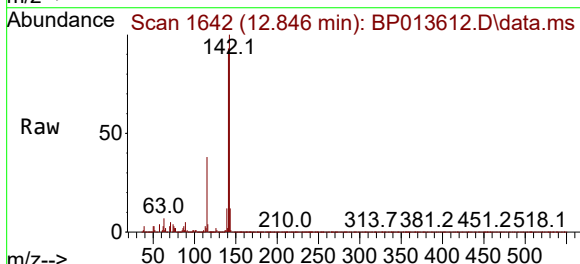
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

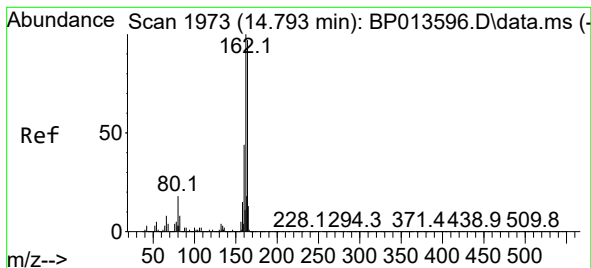
Tgt Ion:142 Resp: 1078089
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 36.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 38.615 ng
RT: 12.846 min Scan# 1642
Delta R.T. -0.005 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:142 Resp: 992045
Ion Ratio Lower Upper
142 100
141 92.6 75.5 113.3
116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.793 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

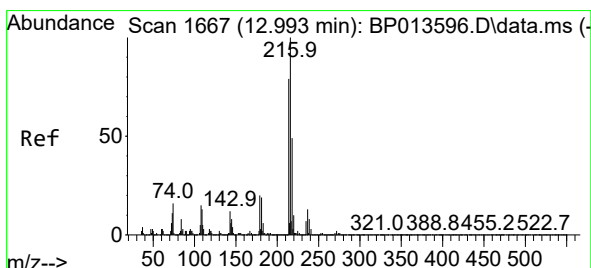
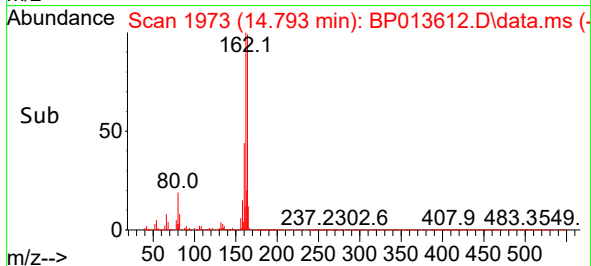
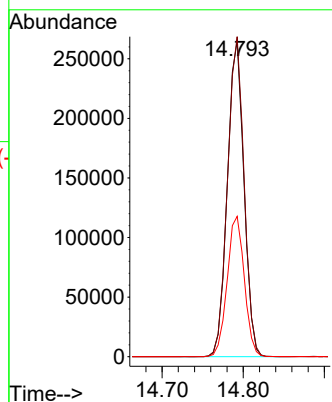
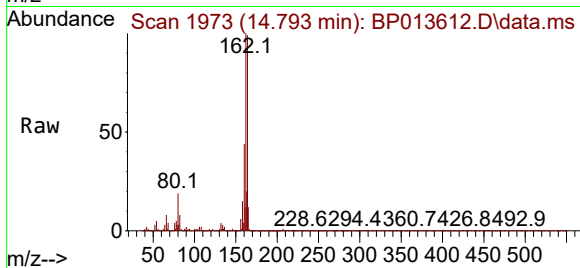
Tgt Ion:164 Resp: 376335

Ion Ratio Lower Upper

164 100

162 101.4 82.3 123.5

160 44.5 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.535 ng

RT: 12.993 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Tgt Ion:216 Resp: 675673

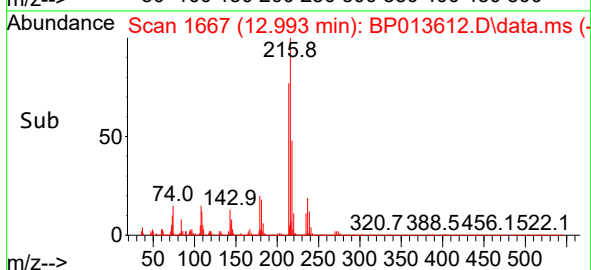
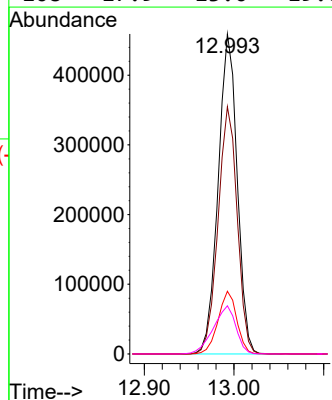
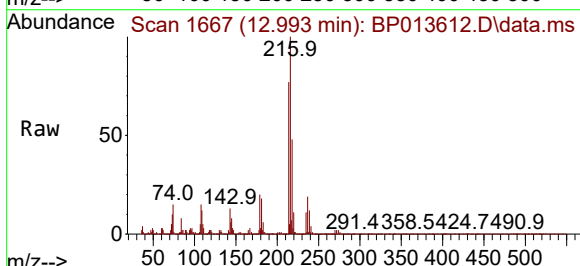
Ion Ratio Lower Upper

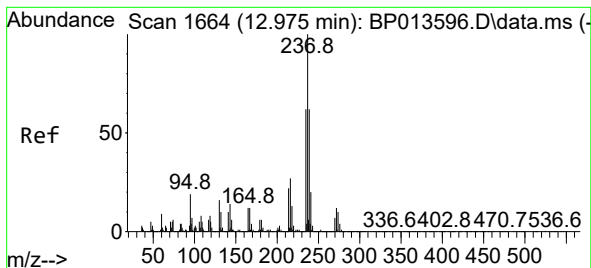
216 100

214 77.7 62.4 93.6

179 19.3 15.4 23.0

108 17.9 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 120.695 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

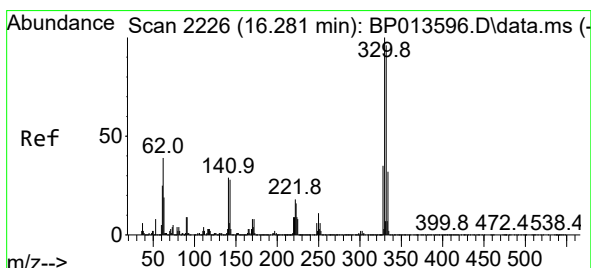
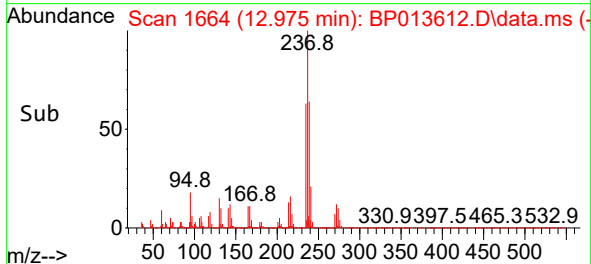
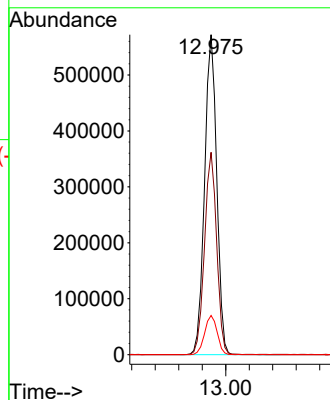
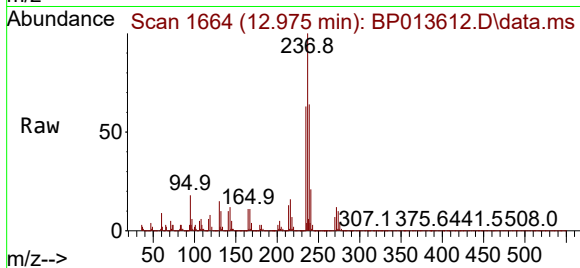
Tgt Ion:237 Resp: 817570

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

272 12.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 111.244 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

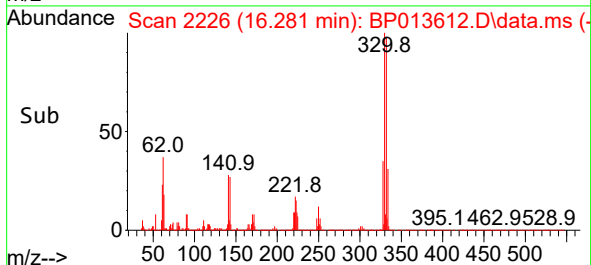
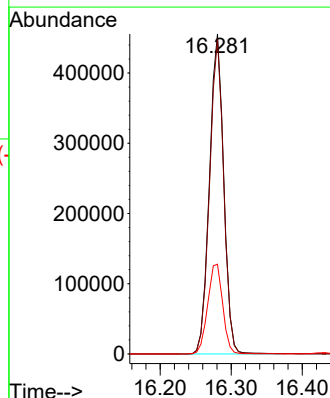
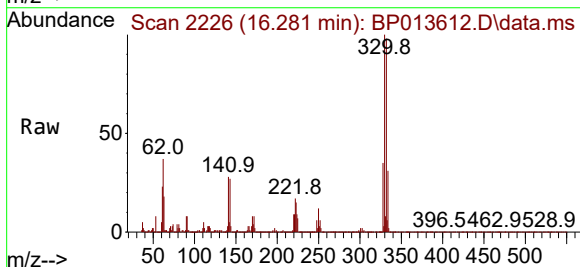
Tgt Ion:330 Resp: 637388

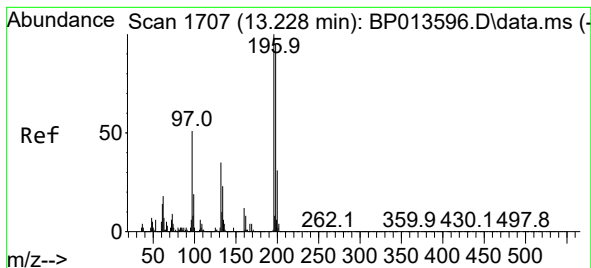
Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.4

141 29.6 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 46.221 ng

RT: 13.222 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

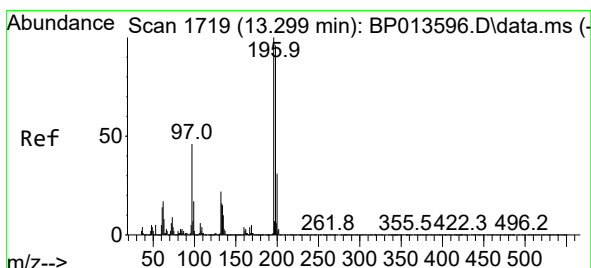
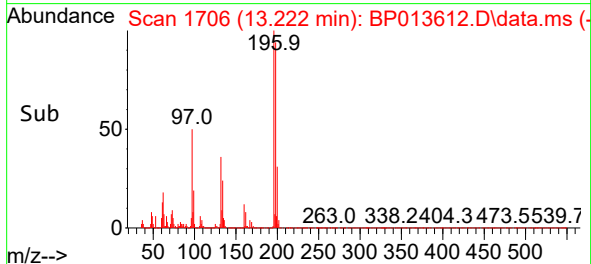
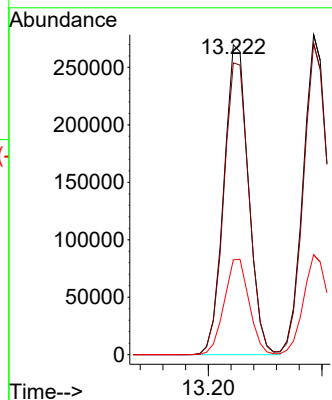
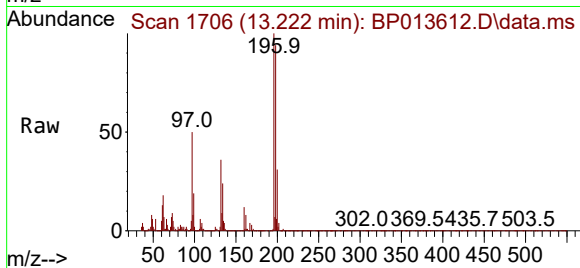
Tgt Ion:196 Resp: 405485

Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.4

200 30.6 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 40.759 ng

RT: 13.293 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Tgt Ion:196 Resp: 418161

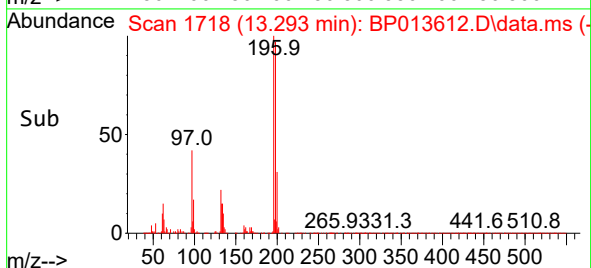
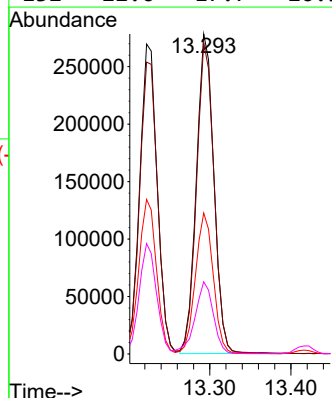
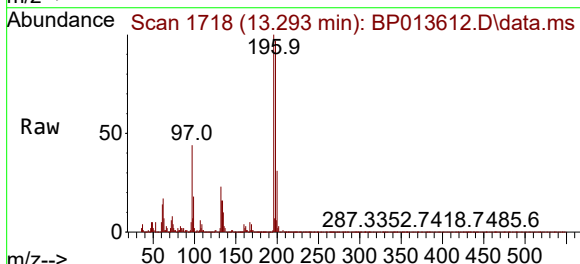
Ion Ratio Lower Upper

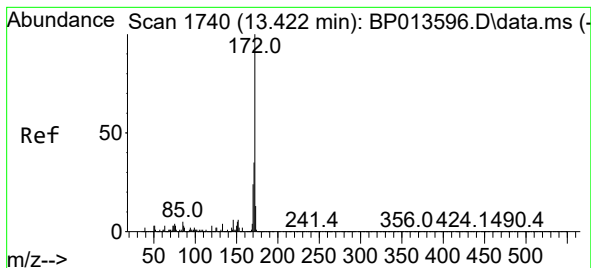
196 100

198 97.2 76.9 115.3

97 44.0 36.8 55.2

132 22.6 17.7 26.5





#45

2-Fluorobiphenyl

Concen: 96.925 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

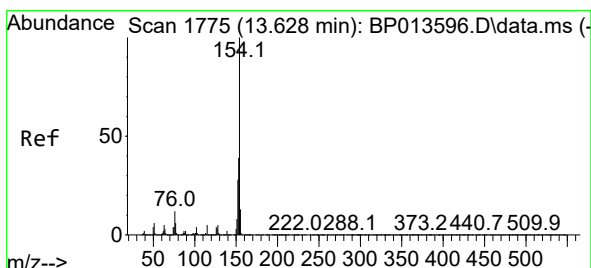
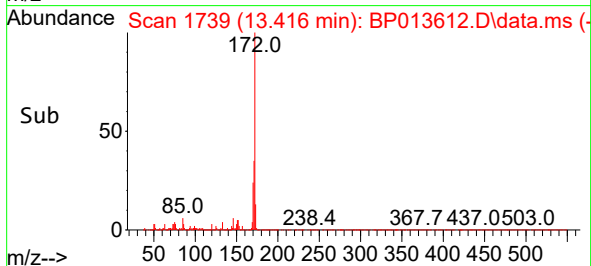
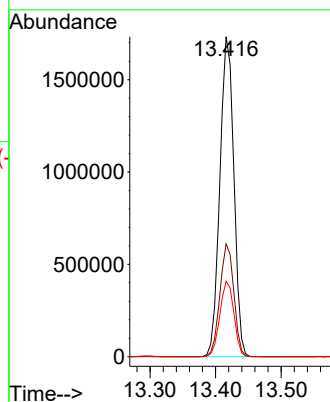
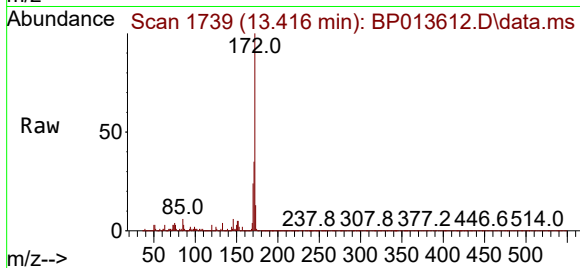
Tgt Ion:172 Resp: 2553972

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.835 ng

RT: 13.628 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

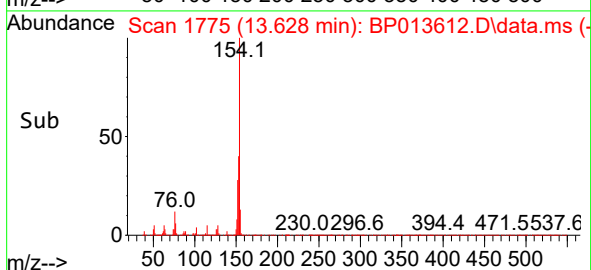
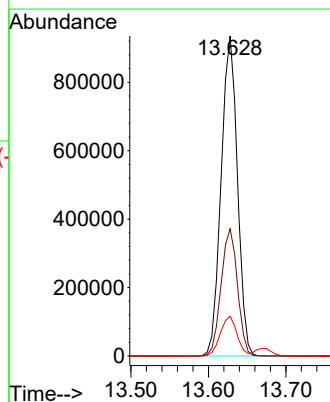
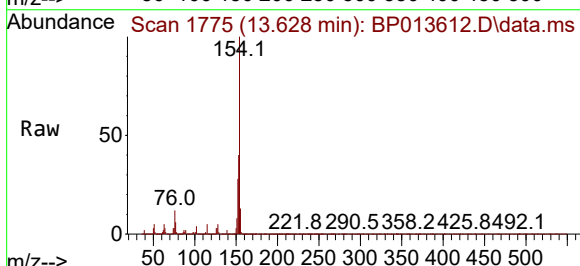
Tgt Ion:154 Resp: 1369518

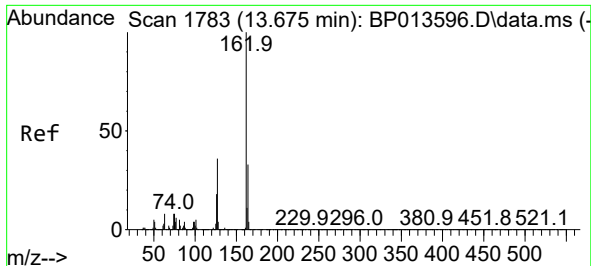
Ion Ratio Lower Upper

154 100

153 39.7 18.9 58.9

76 12.4 0.0 32.1

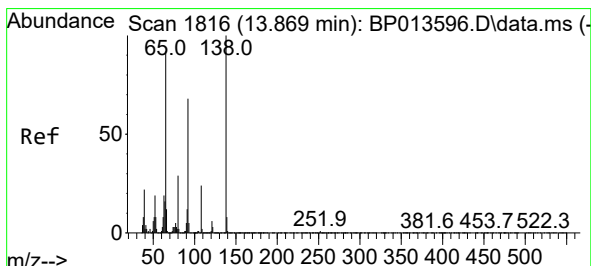
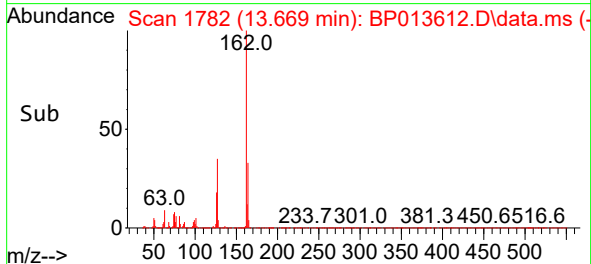
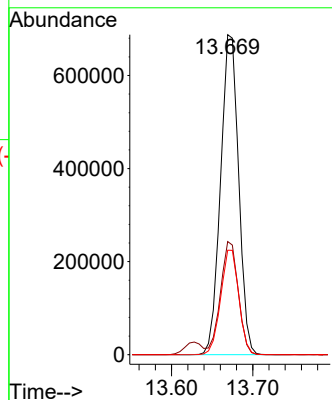
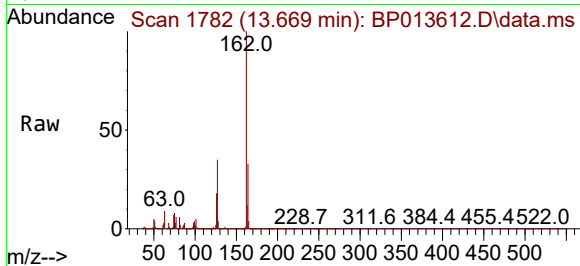




#47
2-Chloronaphthalene
Concen: 49.707 ng
RT: 13.669 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

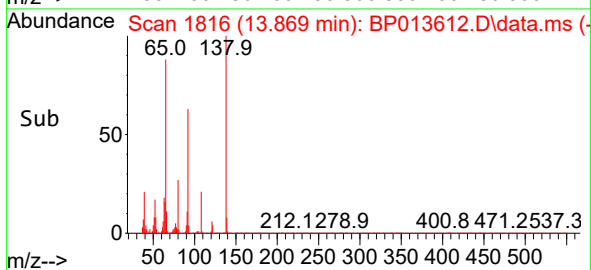
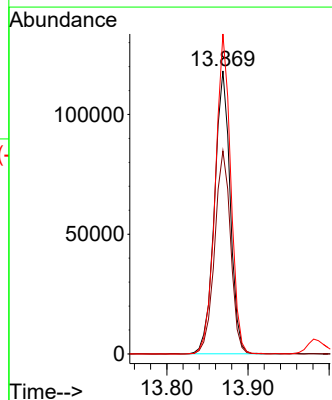
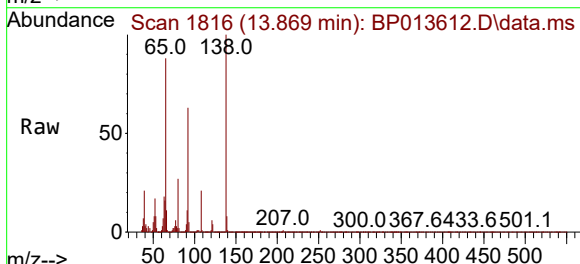
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

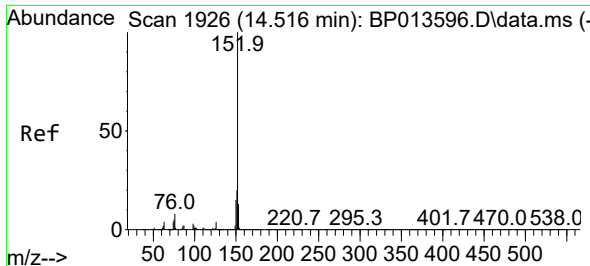
Tgt Ion:162 Resp: 1063800
Ion Ratio Lower Upper
162 100
127 35.3 29.0 43.6
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 32.379 ng
RT: 13.869 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 65 Resp: 159113
Ion Ratio Lower Upper
65 100
92 71.8 59.5 89.3
138 113.1 87.1 130.7

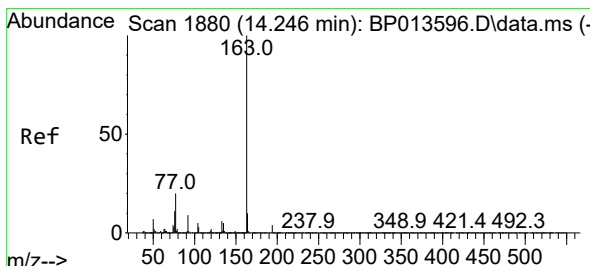
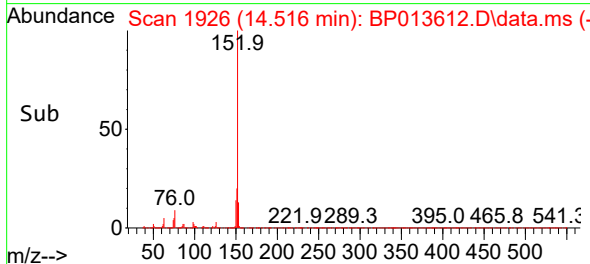
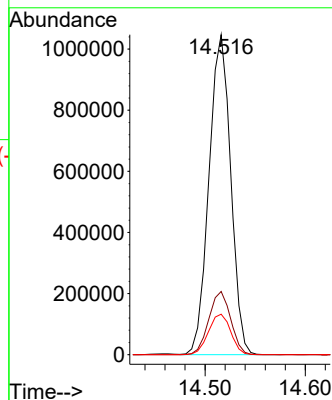
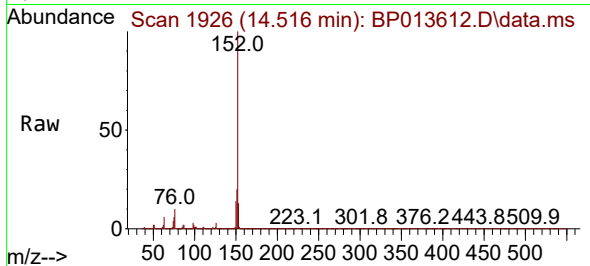




#49
Acenaphthylene
Concen: 44.730 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

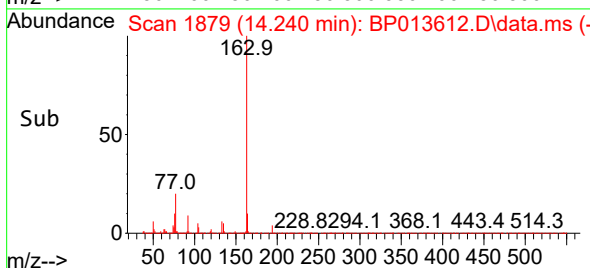
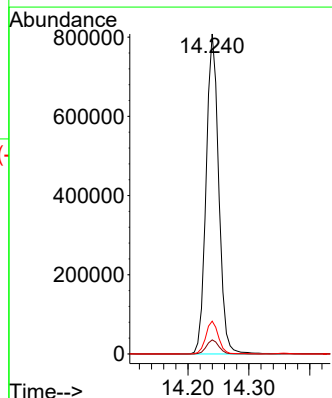
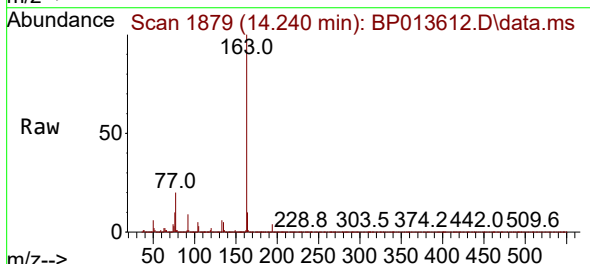
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

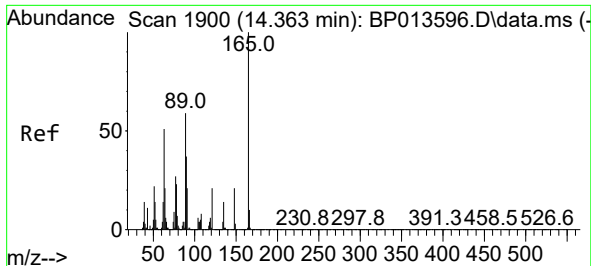
Tgt Ion:152 Resp: 1578964
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.7 10.6 16.0



#50
Dimethylphthalate
Concen: 39.821 ng
RT: 14.240 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:163 Resp: 1164046
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.0 12.0

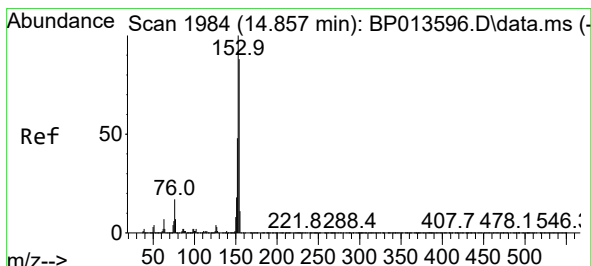
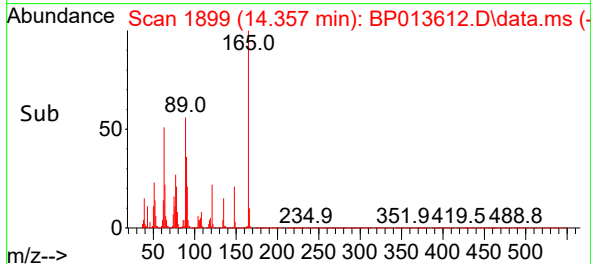
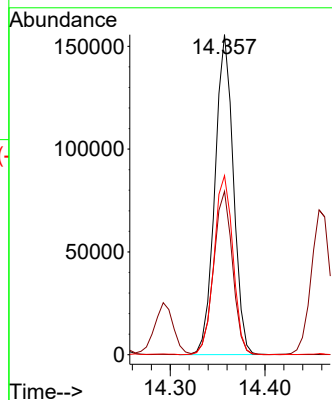
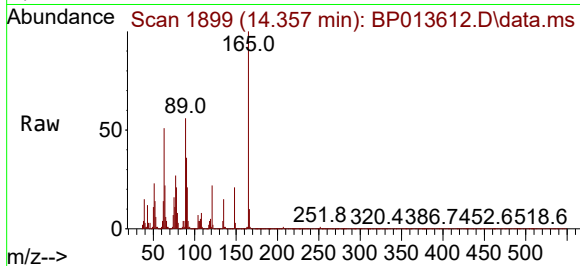




#51
2,6-Dinitrotoluene
Concen: 36.044 ng
RT: 14.357 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

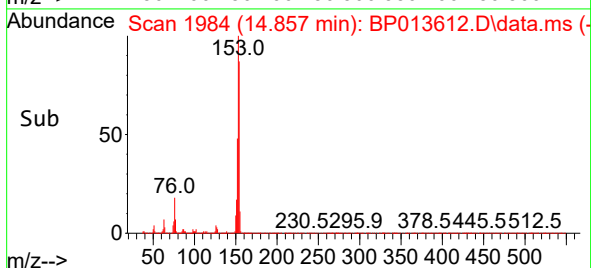
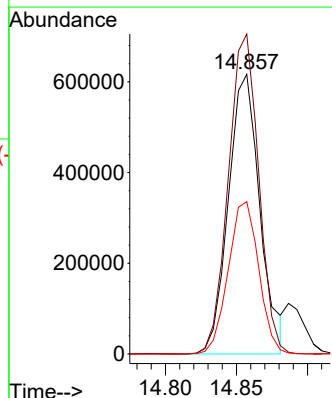
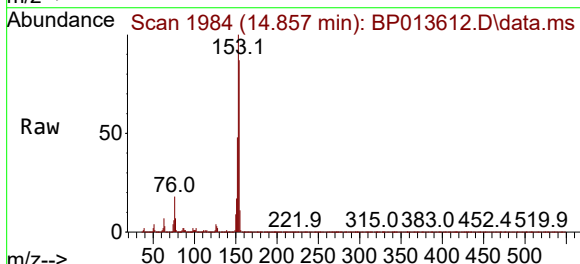
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

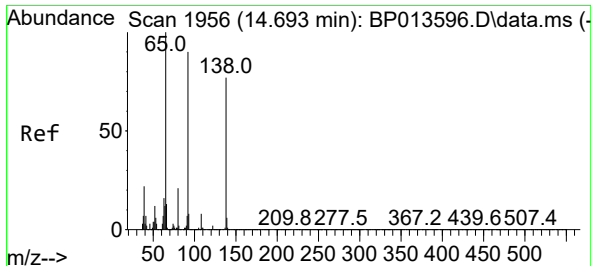
Tgt Ion:165 Resp: 210543
Ion Ratio Lower Upper
165 100
63 51.0 42.4 63.6
89 56.0 47.0 70.4



#52
Acenaphthene
Concen: 42.154 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:154 Resp: 952382
Ion Ratio Lower Upper
154 100
153 114.4 91.0 136.6
152 54.5 44.0 66.0

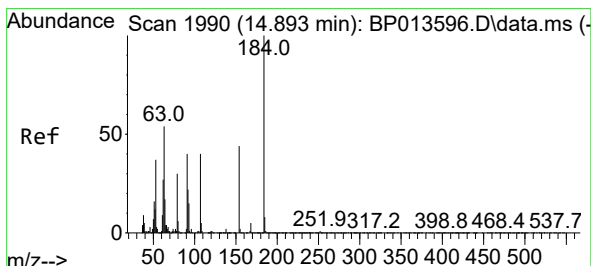
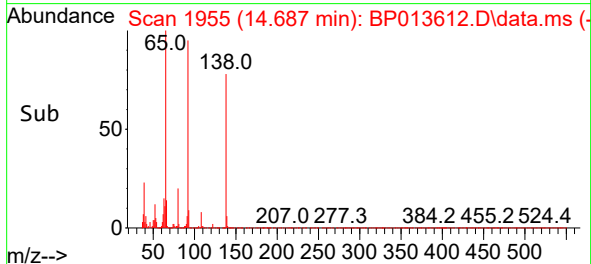
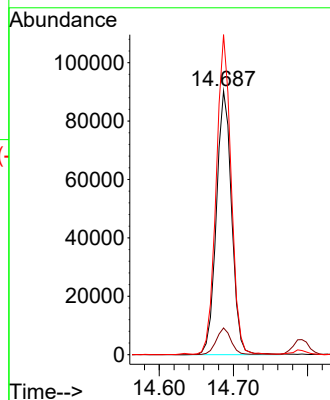
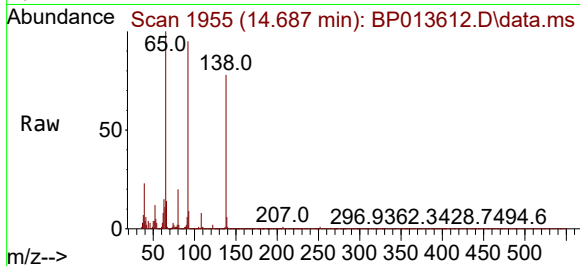




#53
3-Nitroaniline
Concen: 23.787 ng
RT: 14.687 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

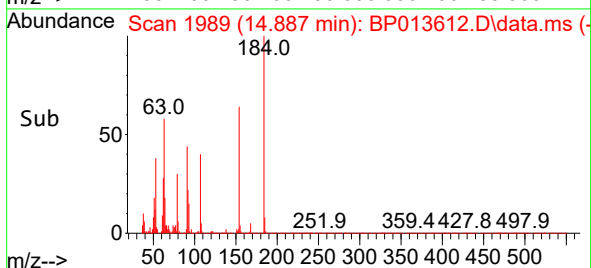
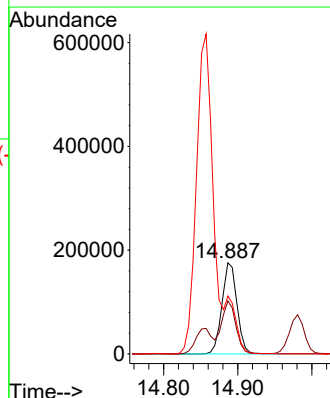
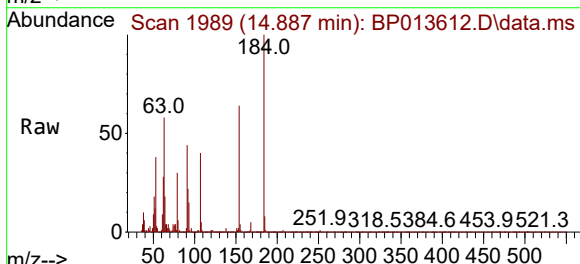
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

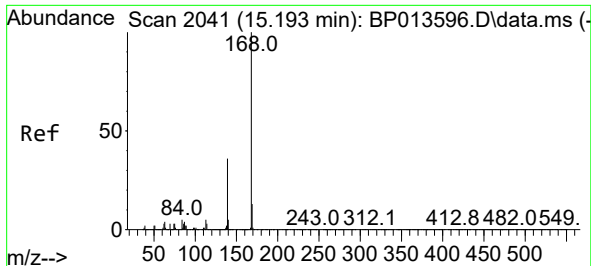
Tgt Ion:138 Resp: 129043
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 121.4 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 68.945 ng
RT: 14.887 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:184 Resp: 247646
Ion Ratio Lower Upper
184 100
63 58.1 44.4 66.6
154 63.5 49.0 73.6

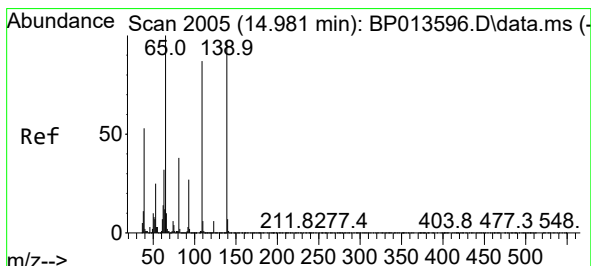
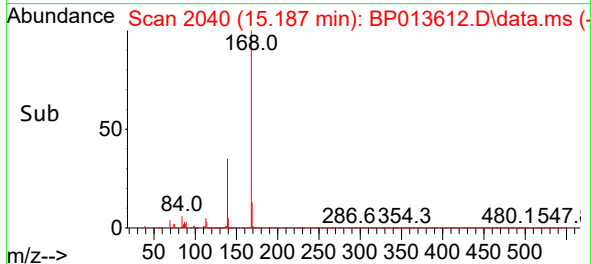
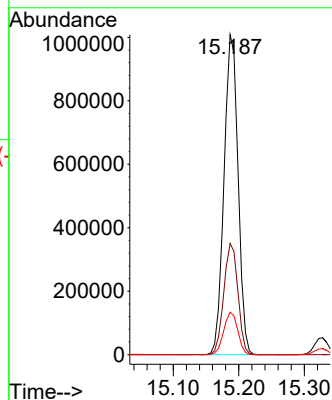
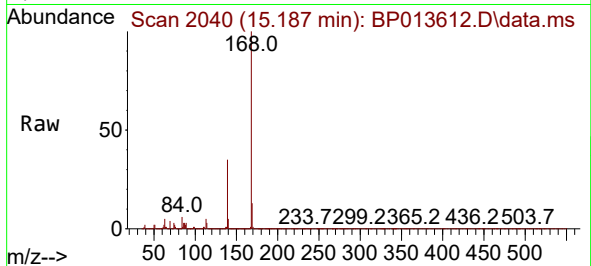




#55
Dibenzofuran
Concen: 42.174 ng
RT: 15.187 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

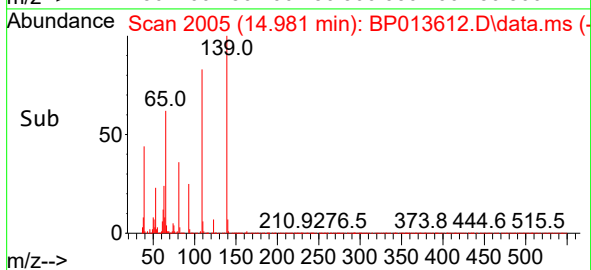
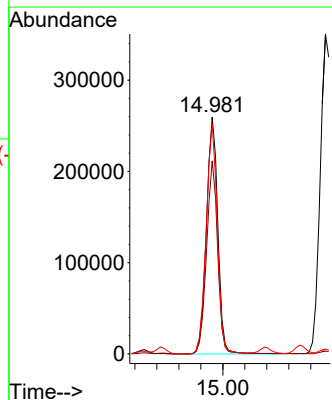
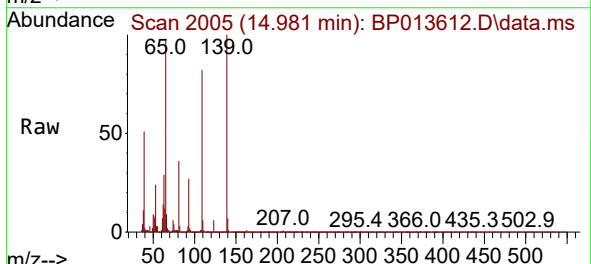
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

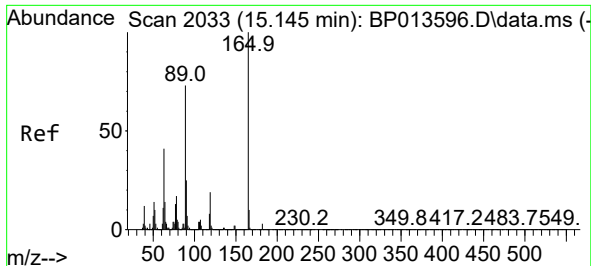
Tgt Ion:168 Resp: 1492296
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 78.152 ng
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:139 Resp: 372392
Ion Ratio Lower Upper
139 100
109 81.6 69.5 109.5
65 97.3 83.1 123.1

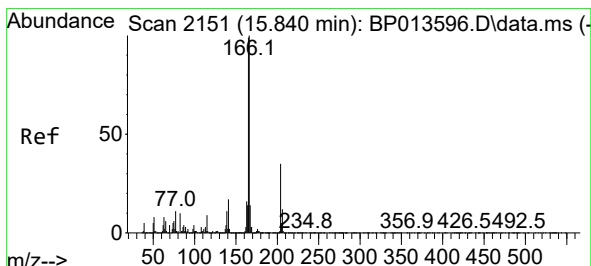
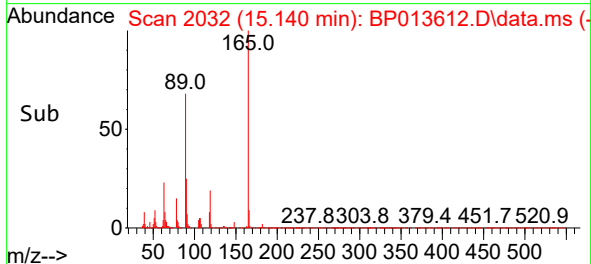
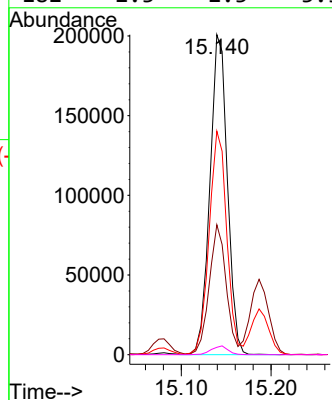
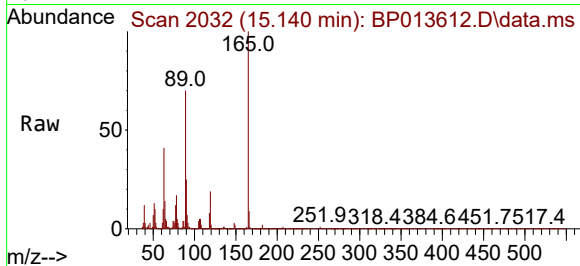




#57
2,4-Dinitrotoluene
Concen: 34.685 ng
RT: 15.140 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

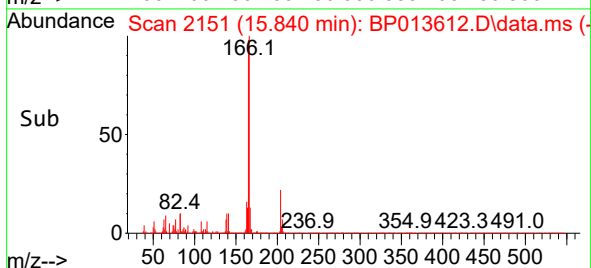
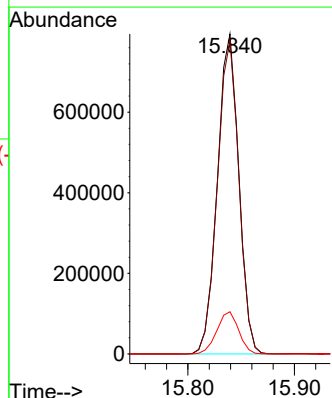
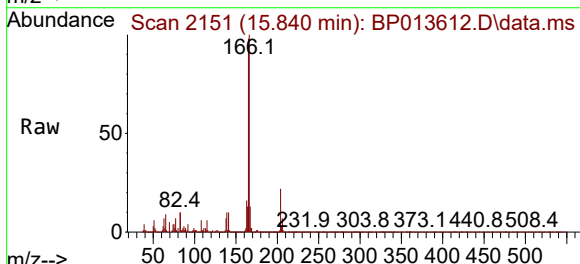
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

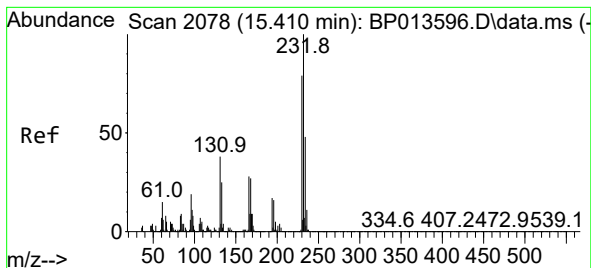
Tgt Ion:165 Resp: 270973
Ion Ratio Lower Upper
165 100
63 40.6 32.6 49.0
89 69.9 58.4 87.6
182 2.3 2.3 3.5



#58
Fluorene
Concen: 40.954 ng
RT: 15.840 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:166 Resp: 1108169
Ion Ratio Lower Upper
166 100
165 97.9 79.4 119.0
167 13.2 10.9 16.3

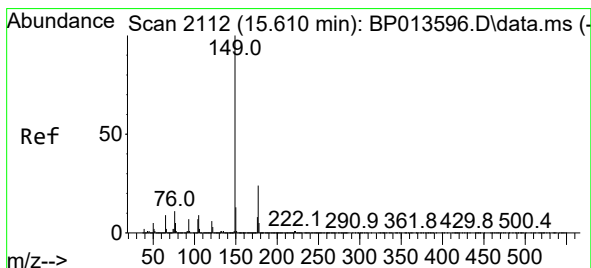
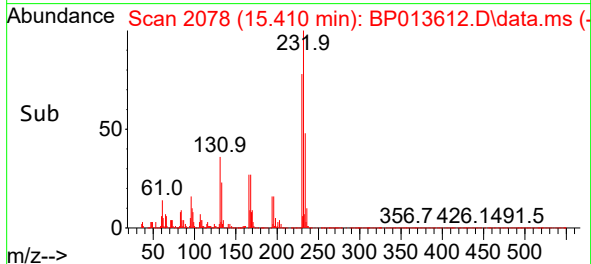
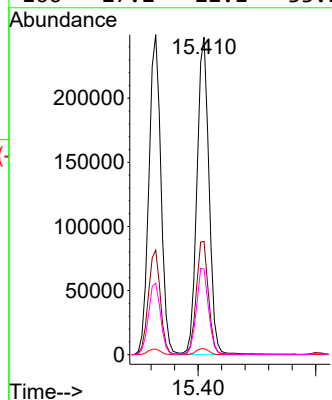
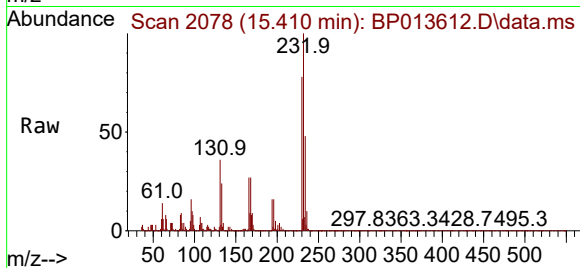




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.518 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

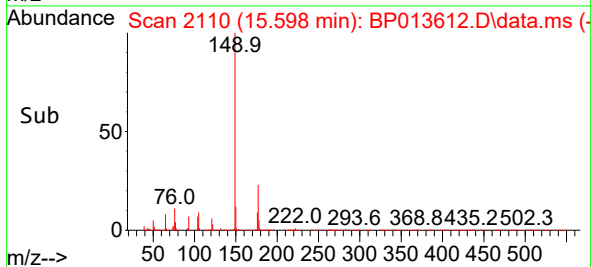
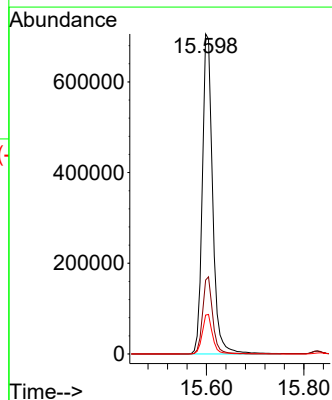
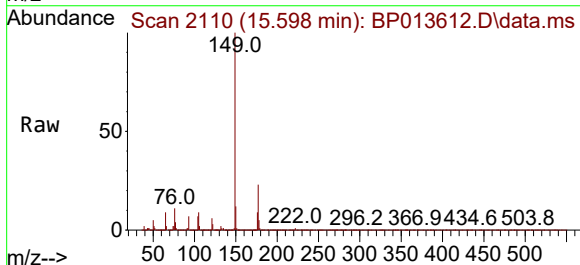
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

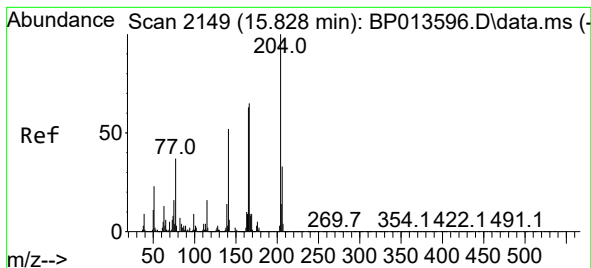
Tgt Ion:	232	Resp:	351225
Ion Ratio	Lower	Upper	
232	100		
131	35.9	29.4	44.2
130	2.1	1.6	2.4
166	27.2	22.1	33.1



#60
Diethylphthalate
Concen: 38.907 ng
RT: 15.598 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:	149	Resp:	1038641
Ion Ratio	Lower	Upper	
149	100		
177	23.1	19.0	28.6
150	12.2	10.0	15.0

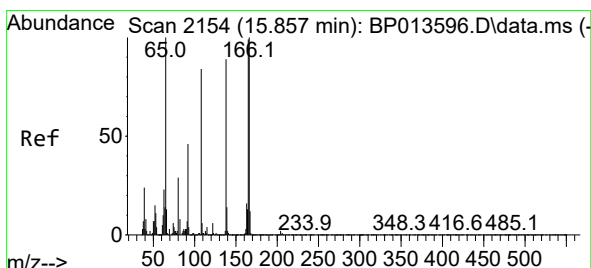
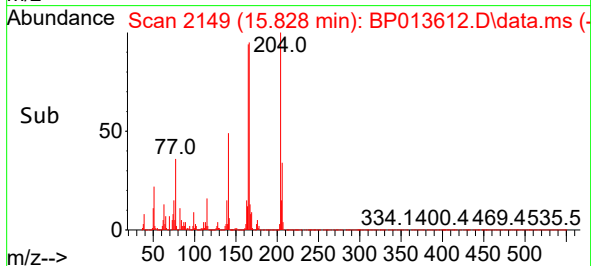
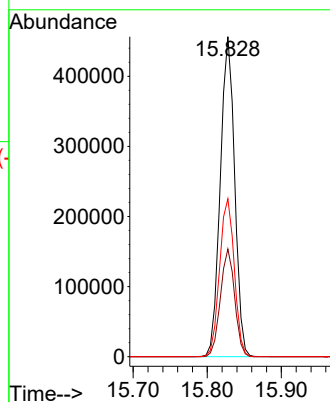
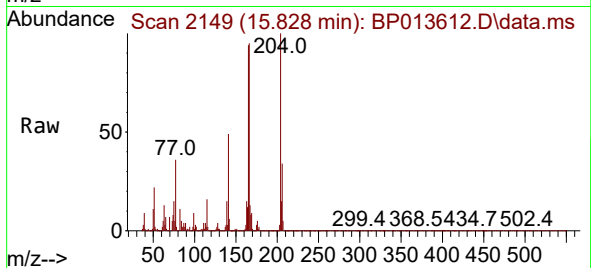




#61
4-Chlorophenyl-phenylether
Concen: 40.270 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

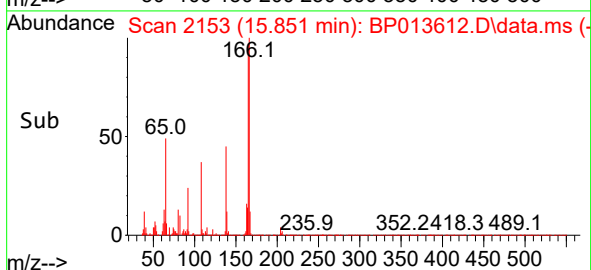
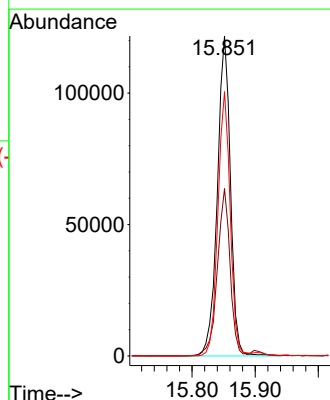
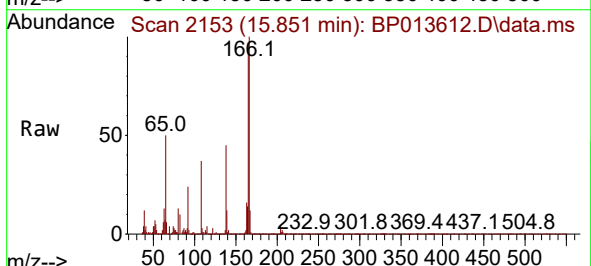
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

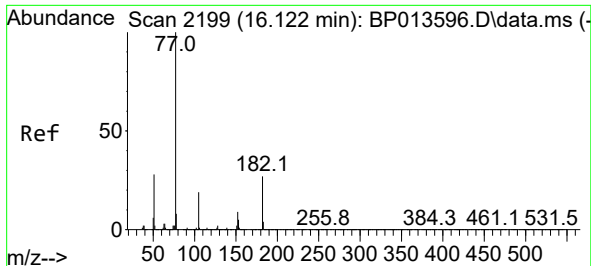
Tgt Ion:204 Resp: 615305
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 49.3 41.7 62.5



#62
4-Nitroaniline
Concen: 33.653 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:138 Resp: 175660
Ion Ratio Lower Upper
138 100
92 52.3 31.9 71.9
108 82.6 73.7 113.7



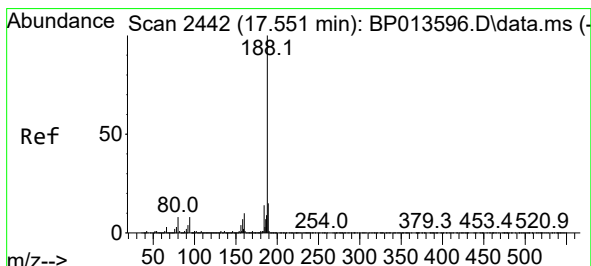
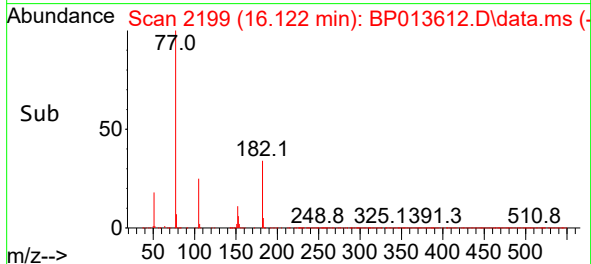
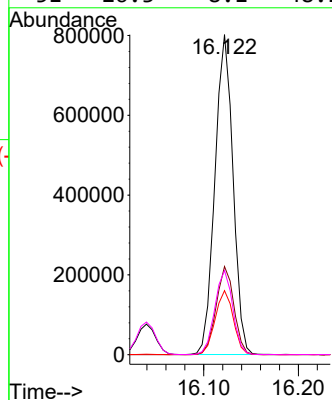
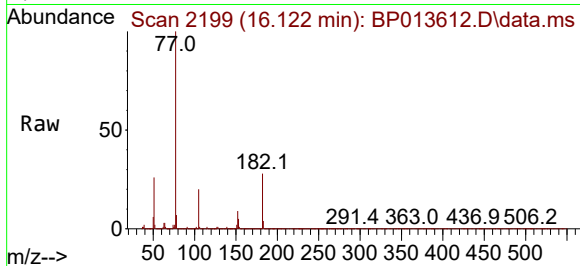


#63
Azobenzene
Concen: 39.072 ng
RT: 16.122 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Instrument :
BNA_P
ClientSampleId :
PB150456BSD

Tgt Ion: 77 Resp: 1062767

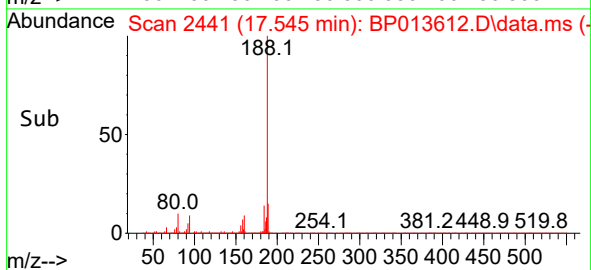
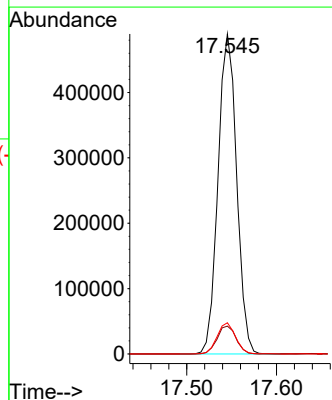
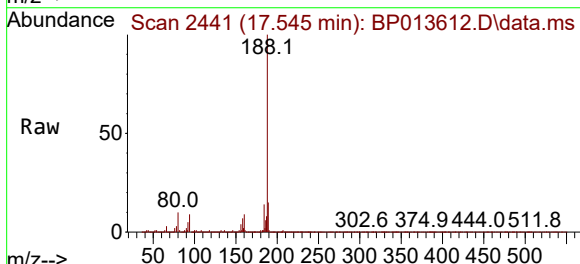
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.0	47.0
105	20.0	0.0	39.2
51	26.3	8.1	48.1

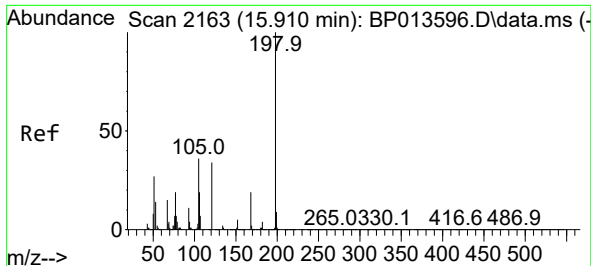


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion: 188 Resp: 705429

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.1	9.1
80	9.7	6.6	10.0

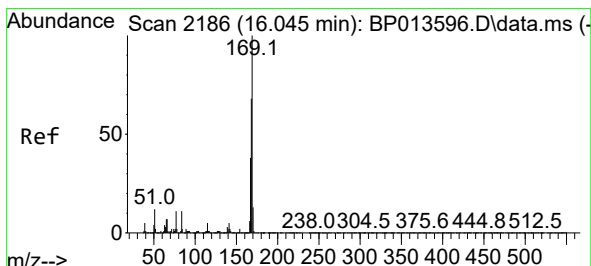
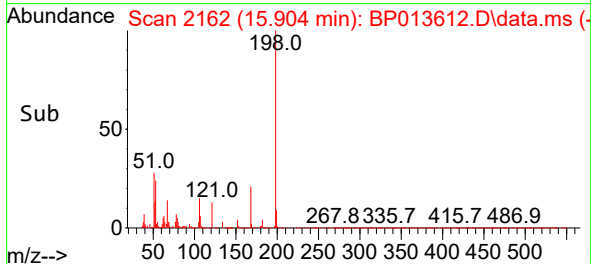
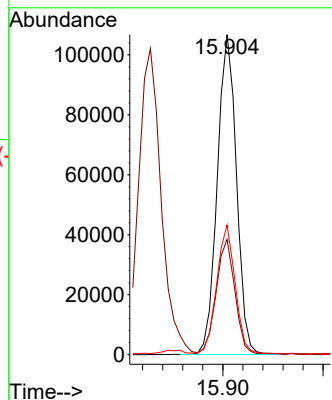
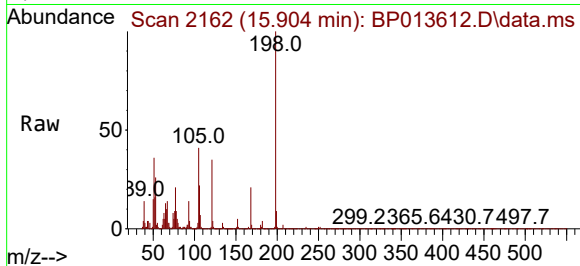




#65
4,6-Dinitro-2-methylphenol
Concen: 37.399 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

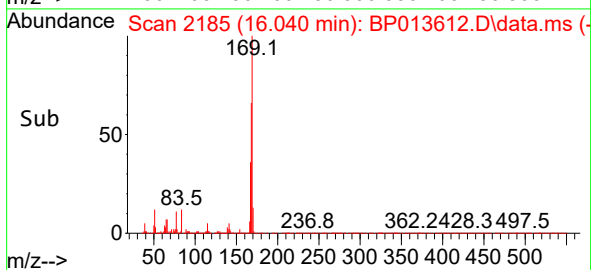
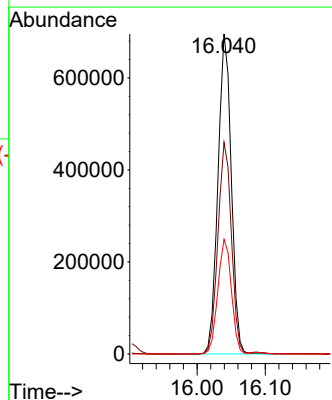
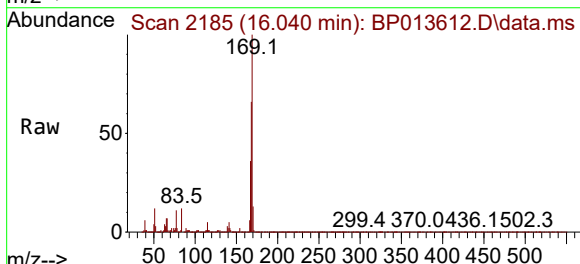
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

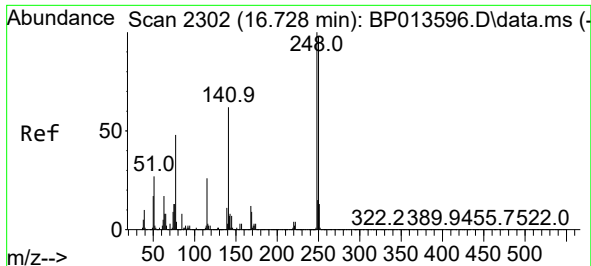
Tgt Ion:198 Resp: 141856
Ion Ratio Lower Upper
198 100
51 36.0 15.0 55.0
105 40.5 17.7 57.7



#66
n-Nitrosodiphenylamine
Concen: 48.676 ng
RT: 16.040 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:169 Resp: 946064
Ion Ratio Lower Upper
169 100
168 66.1 54.5 81.7
167 35.8 30.2 45.4

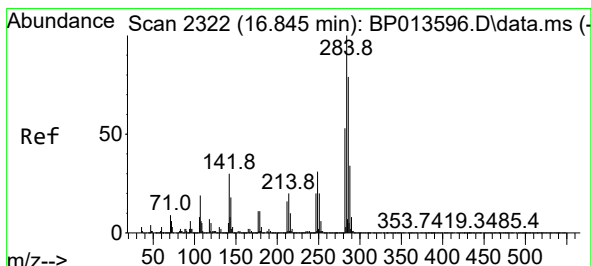
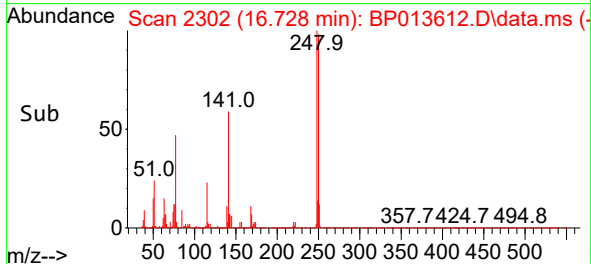
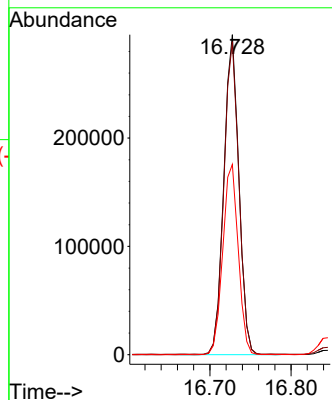
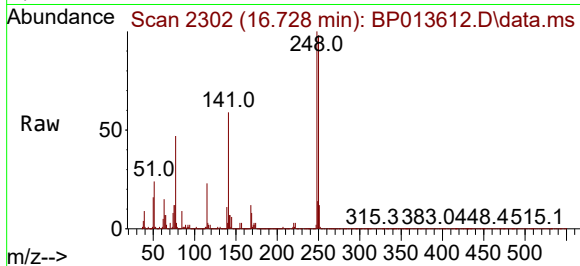




#67
4-Bromophenyl-phenylether
Concen: 46.780 ng
RT: 16.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

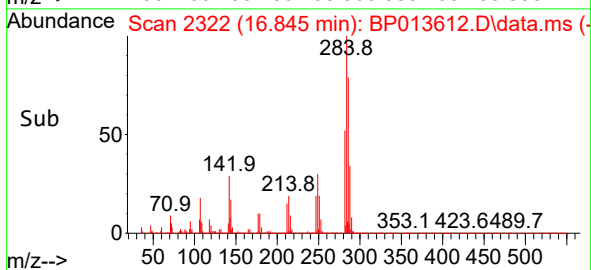
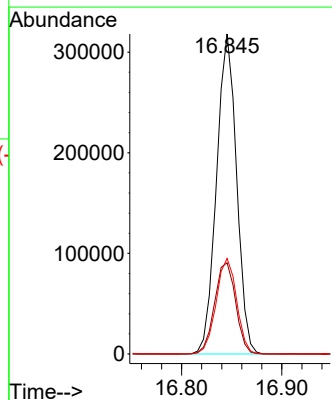
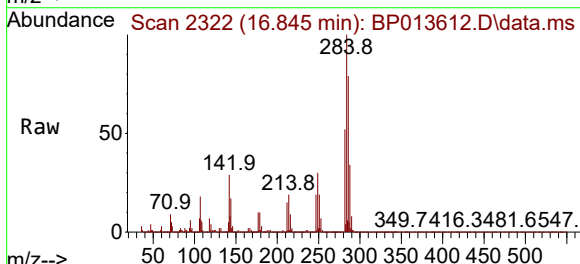
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

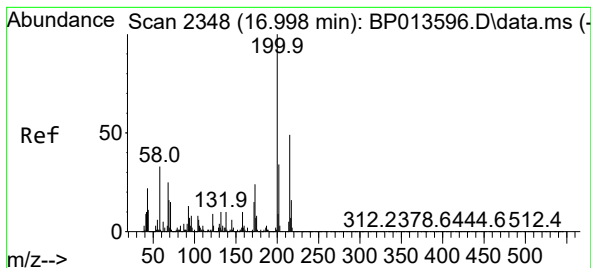
Tgt Ion:248 Resp: 380366
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 59.5 49.8 74.8



#68
Hexachlorobenzene
Concen: 49.579 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:284 Resp: 440644
Ion Ratio Lower Upper
284 100
142 28.5 24.1 36.1
249 29.8 25.0 37.6





#69

Atrazine

Concen: 48.705 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

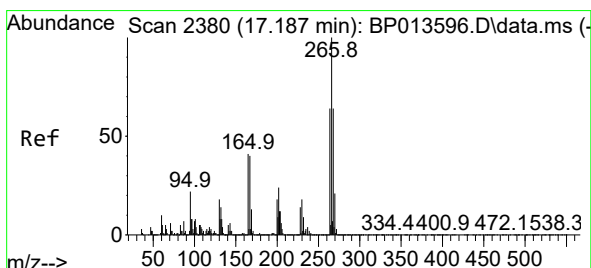
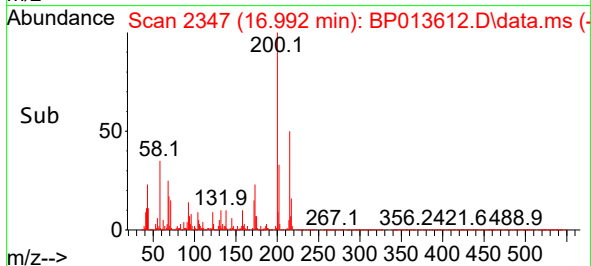
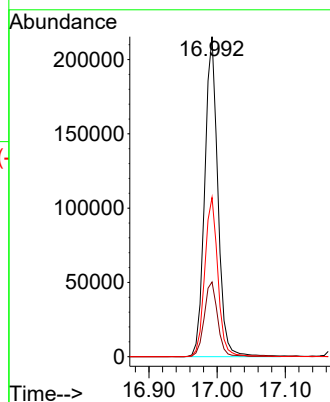
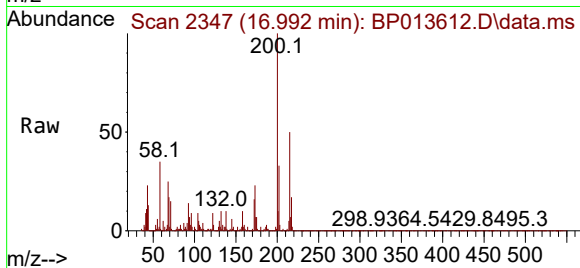
Tgt Ion:200 Resp: 289369

Ion Ratio Lower Upper

200 100

173 23.4 3.5 43.5

215 49.8 29.2 69.2



#70

Pentachlorophenol

Concen: 78.925 ng

RT: 17.187 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

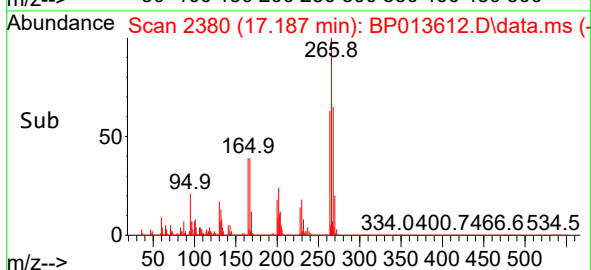
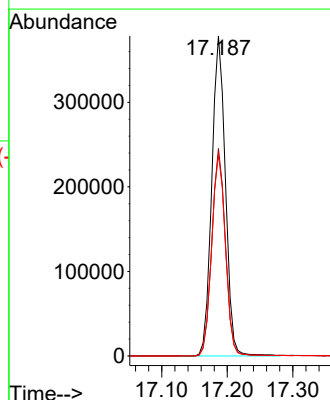
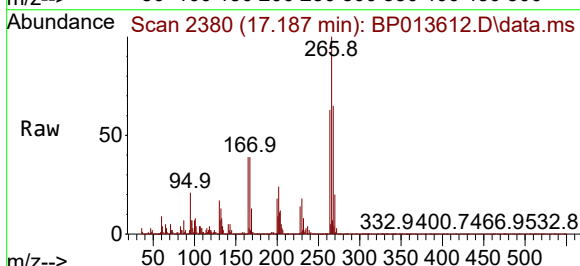
Tgt Ion:266 Resp: 545143

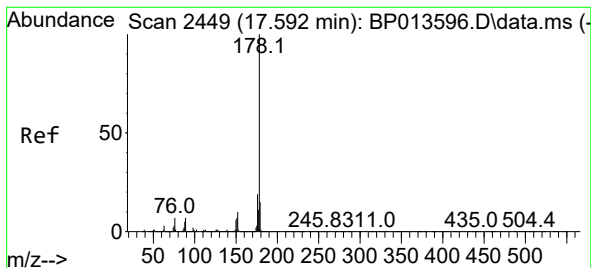
Ion Ratio Lower Upper

266 100

268 64.8 51.4 77.0

264 63.1 51.0 76.6





#71

Phenanthrene

Concen: 47.270 ng

RT: 17.586 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

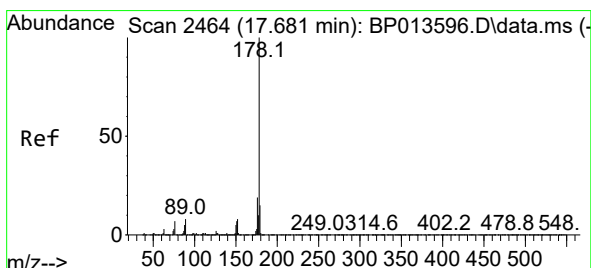
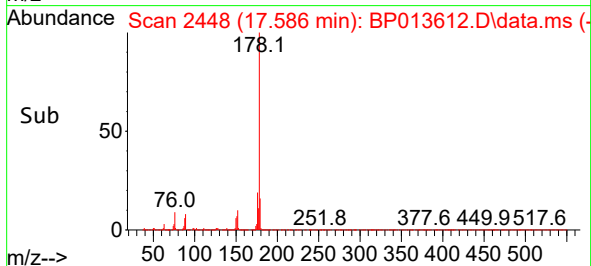
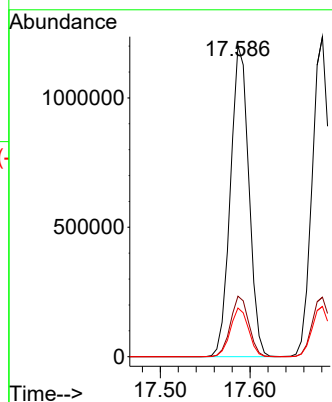
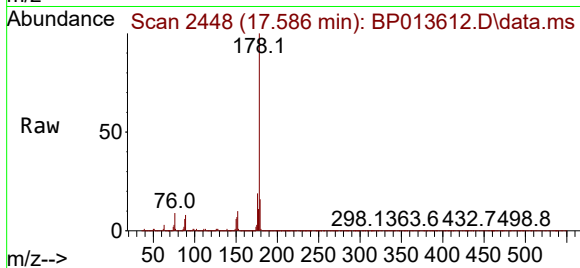
Tgt Ion:178 Resp: 1710219

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.7 12.2 18.4



#72

Anthracene

Concen: 46.624 ng

RT: 17.681 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

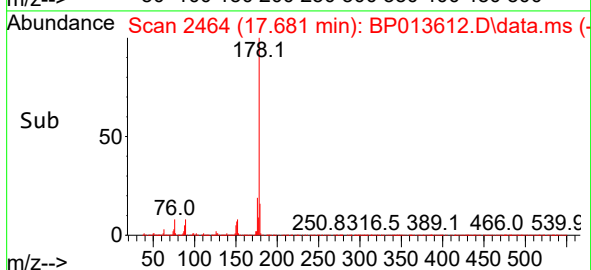
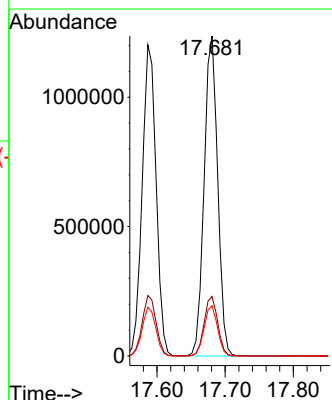
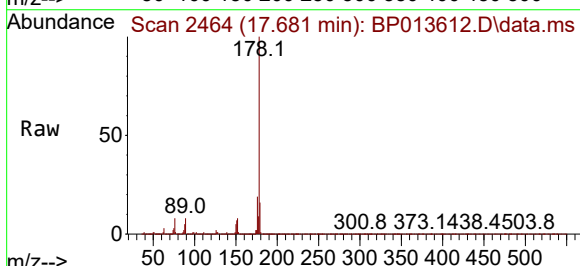
Tgt Ion:178 Resp: 1704453

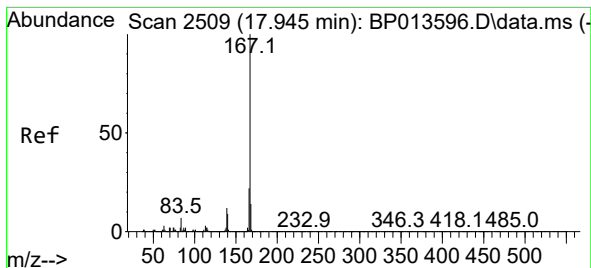
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.7 12.3 18.5





#73

Carbazole

Concen: 45.614 ng

RT: 17.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

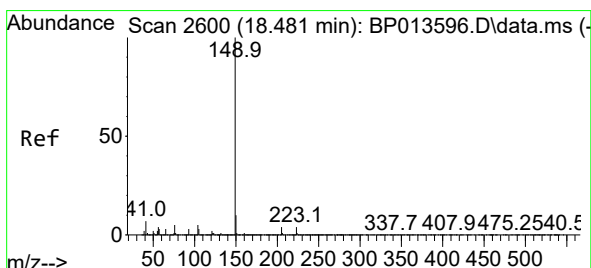
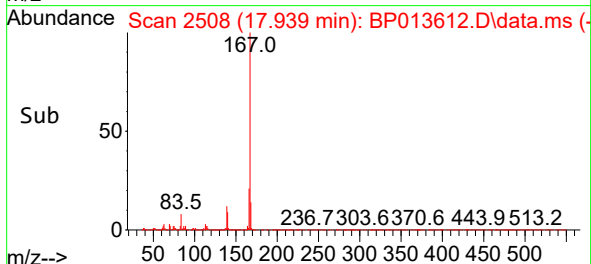
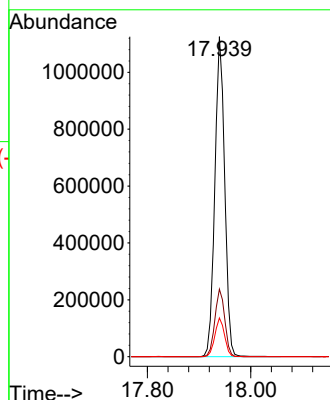
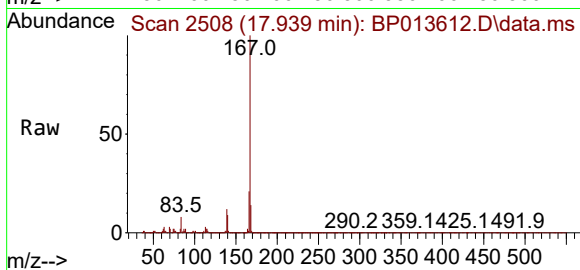
Tgt Ion:167 Resp: 1485913

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.2

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 43.327 ng

RT: 18.481 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

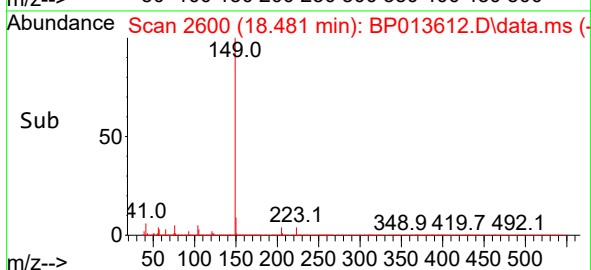
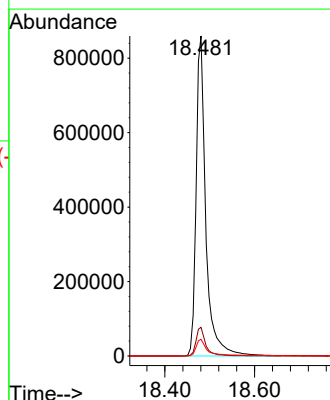
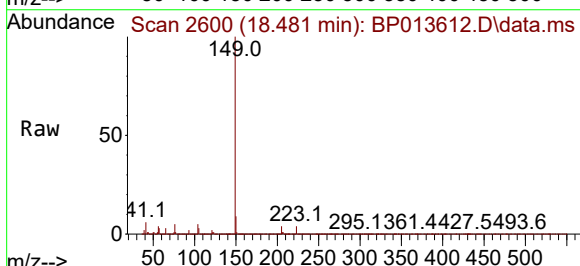
Tgt Ion:149 Resp: 1284669

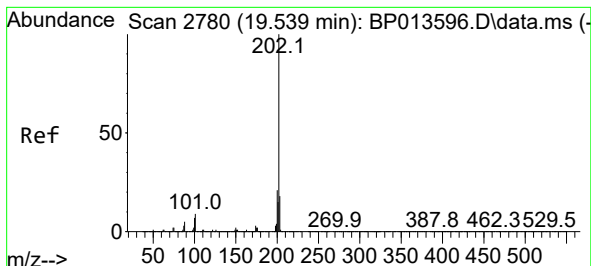
Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

104 5.2 4.4 6.6





#75

Fluoranthene

Concen: 42.705 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

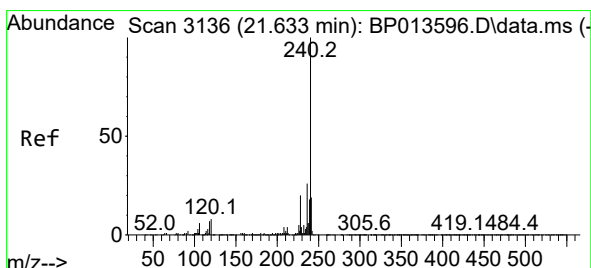
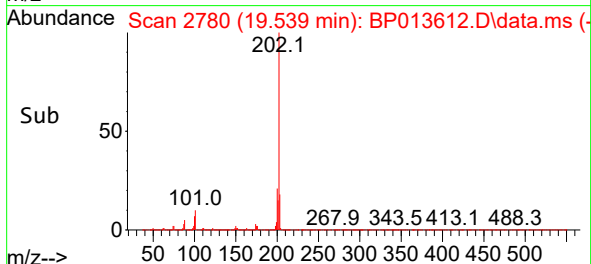
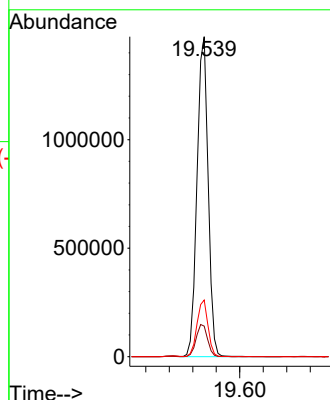
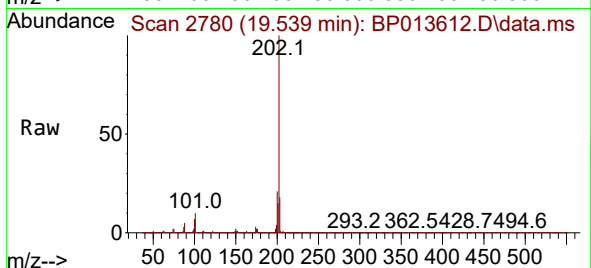
Tgt Ion:202 Resp: 1927098

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 17.7 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: BP013612.D

Acq: 27 Jan 2023 11:45

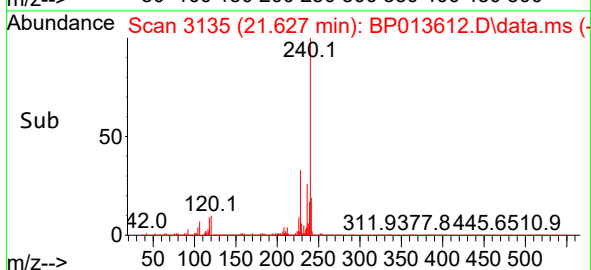
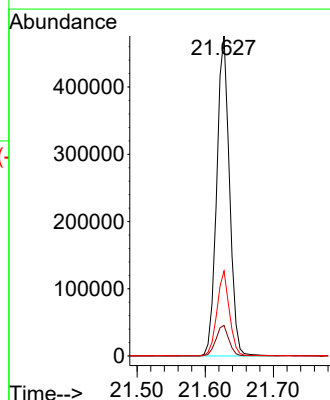
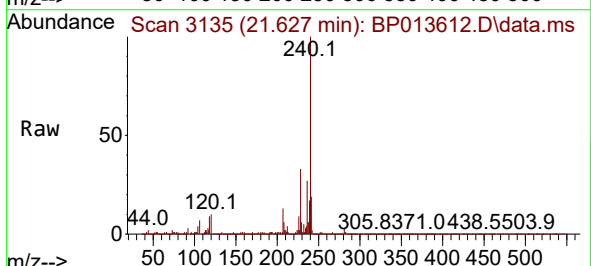
Tgt Ion:240 Resp: 619854

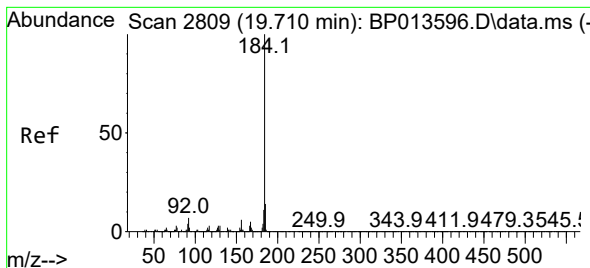
Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 26.5 20.7 31.1





#77

Benzidine

Concen: 49.185 ng

RT: 19.710 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

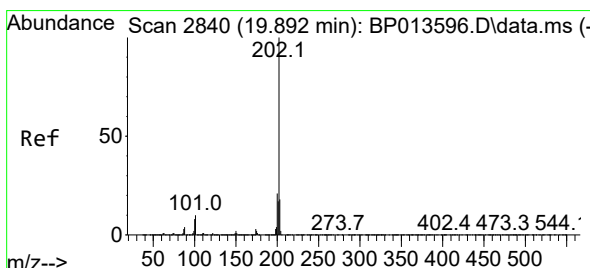
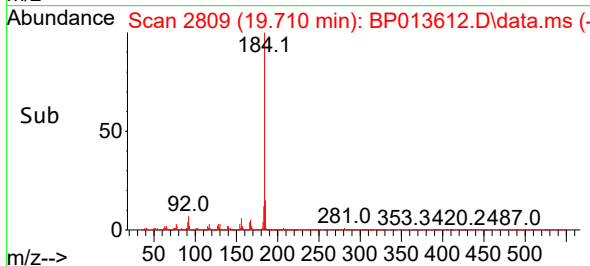
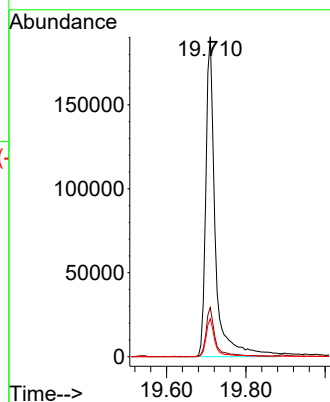
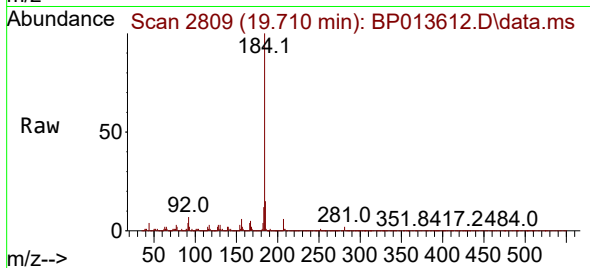
Tgt Ion:184 Resp: 319641

Ion Ratio Lower Upper

184 100

185 15.4 11.5 17.3

183 11.9 9.0 13.6



#78

Pyrene

Concen: 42.205 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

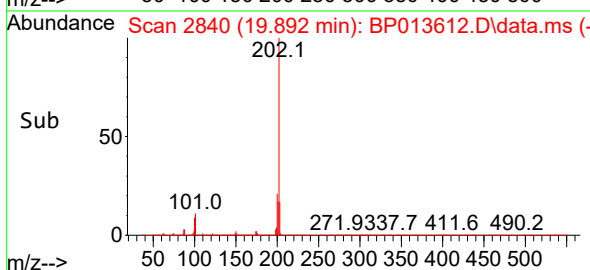
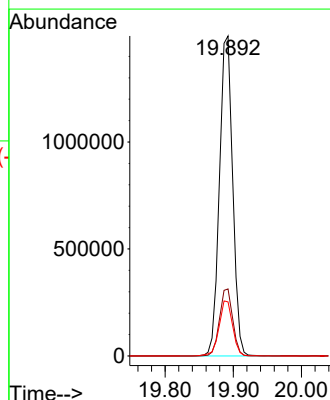
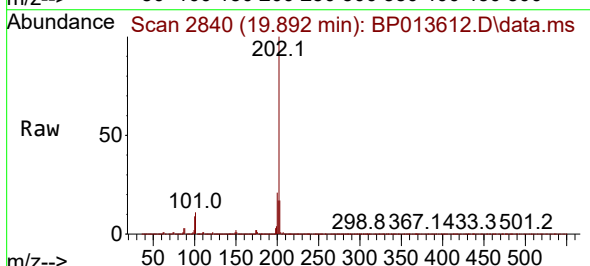
Tgt Ion:202 Resp: 2024646

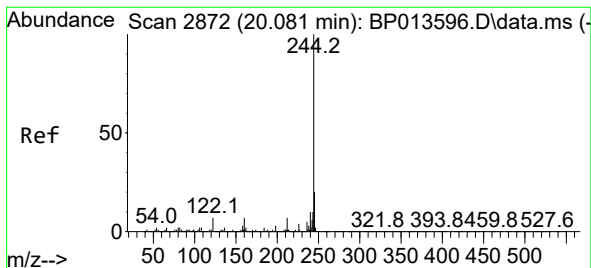
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 16.9 14.2 21.2





#79

Terphenyl-d14

Concen: 88.588 ng

RT: 20.075 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

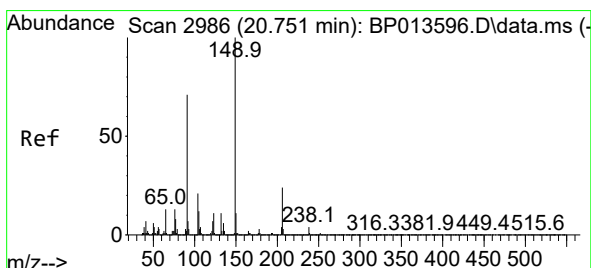
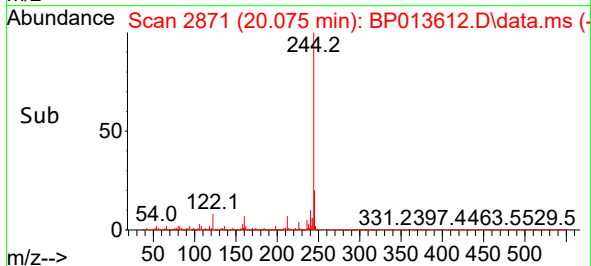
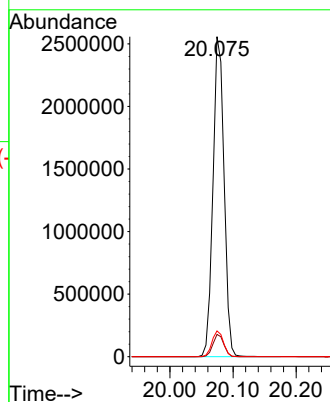
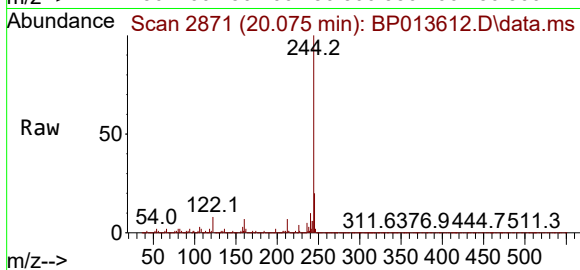
Tgt Ion:244 Resp: 3111769

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.0 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 35.981 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

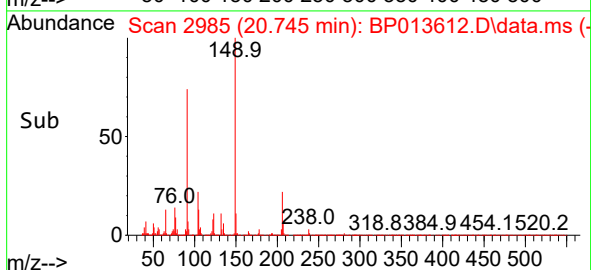
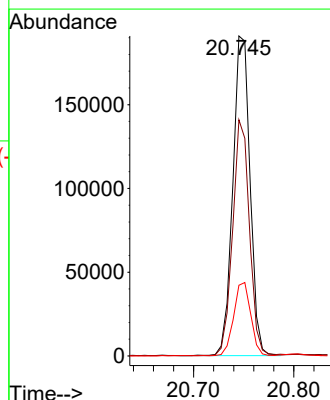
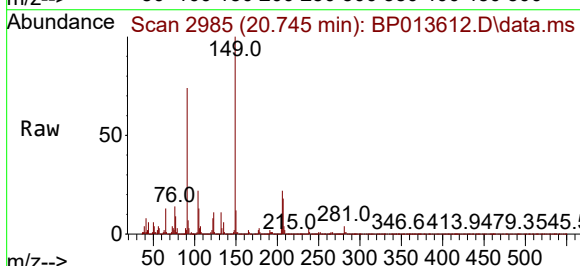
Tgt Ion:149 Resp: 227374

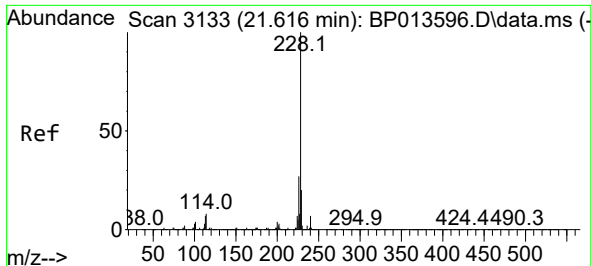
Ion Ratio Lower Upper

149 100

91 73.8 57.0 85.6

206 22.1 19.0 28.6

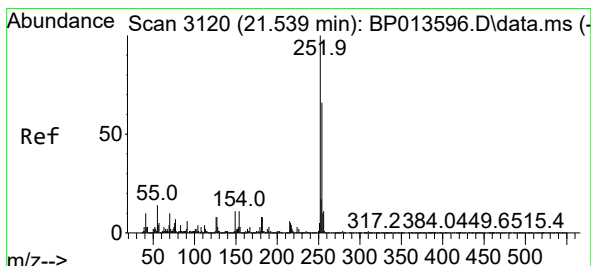
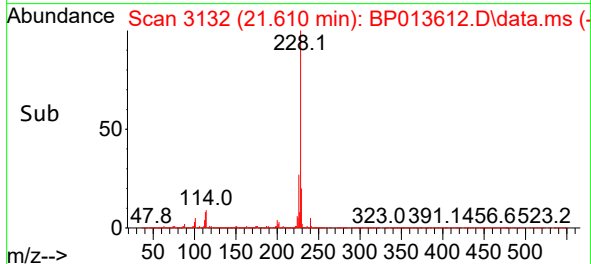
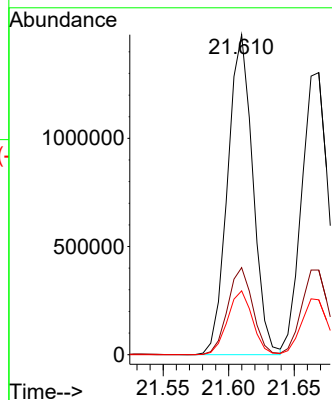
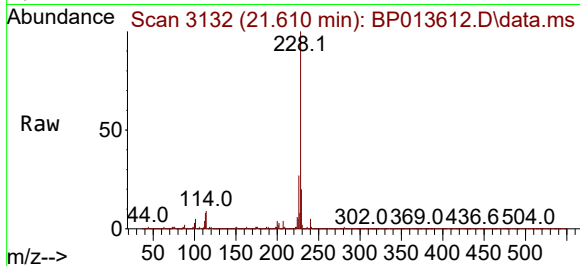




#81
Benzo(a)anthracene
Concen: 45.260 ng
RT: 21.610 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

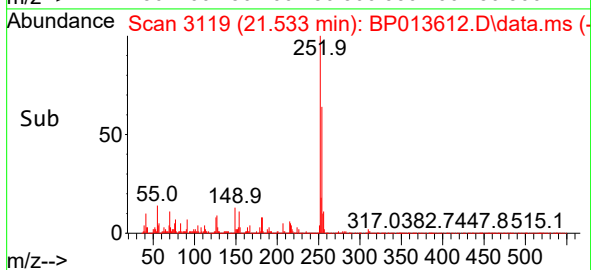
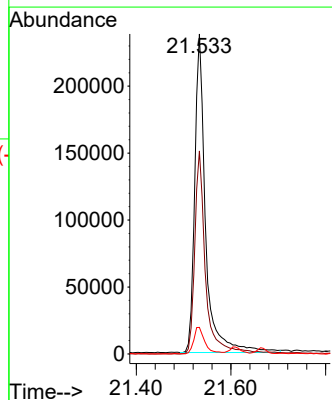
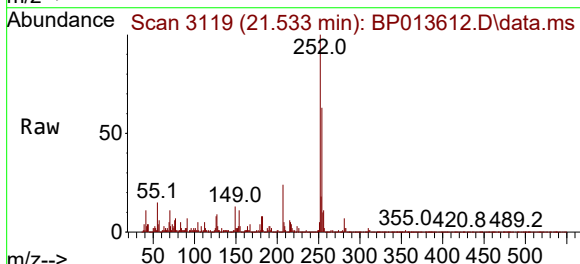
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

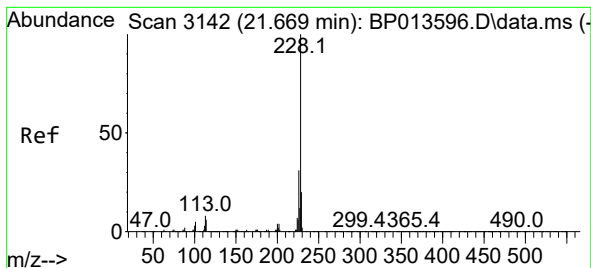
Tgt Ion:228 Resp: 1975559
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.355 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:252 Resp: 380831
Ion Ratio Lower Upper
252 100
254 63.5 52.3 78.5
126 8.3 6.2 9.4





#83

Chrysene

Concen: 45.151 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

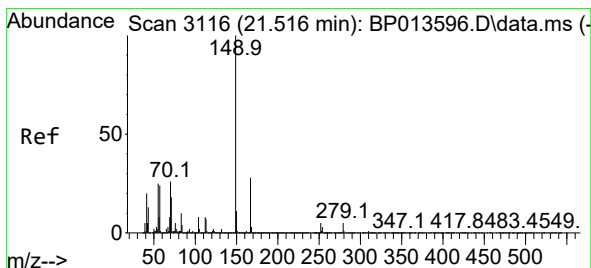
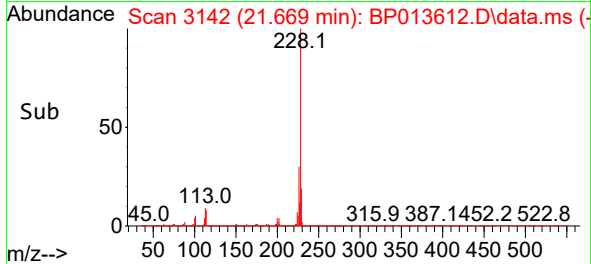
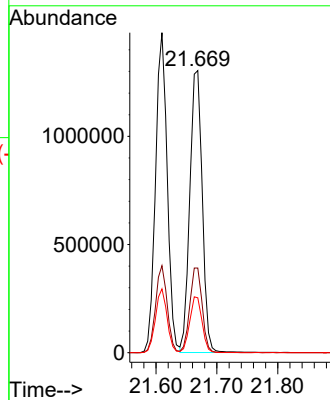
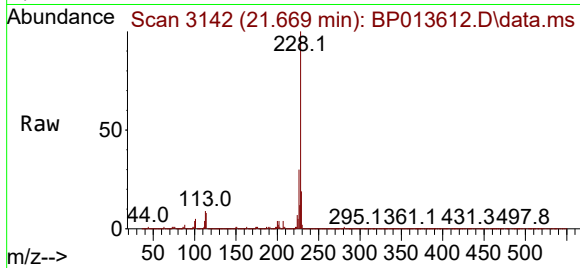
Tgt Ion:228 Resp: 1851795

Ion Ratio Lower Upper

228 100

226 30.0 24.8 37.2

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.142 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

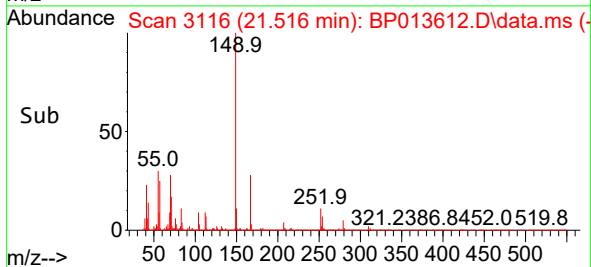
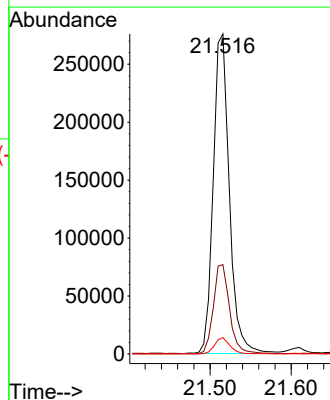
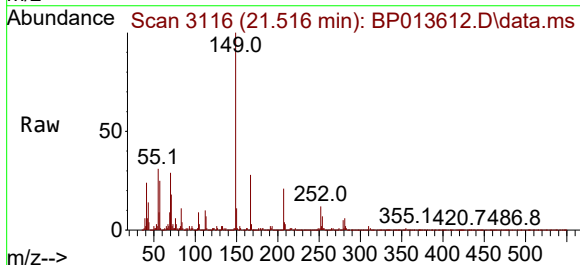
Tgt Ion:149 Resp: 379922

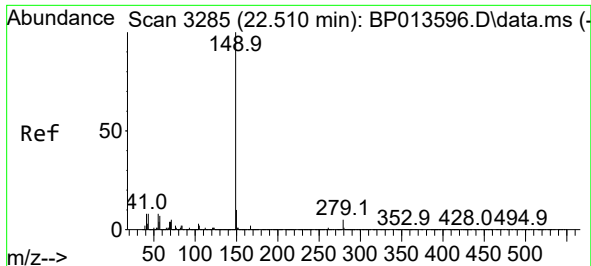
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 5.1 3.8 5.6

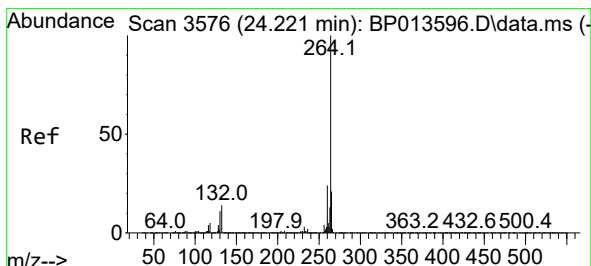
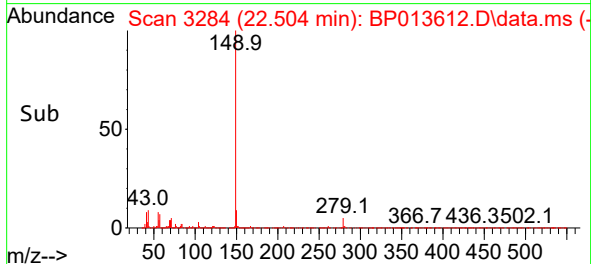
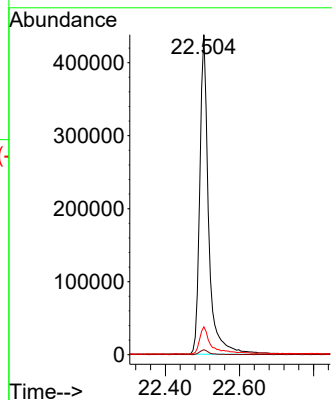
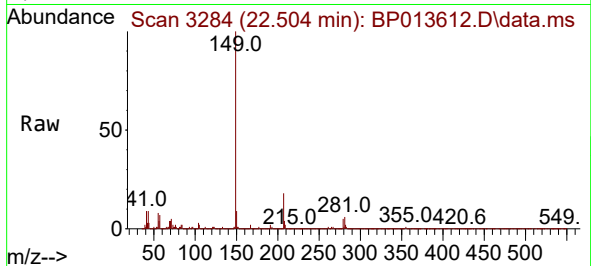




#85
Di-n-octyl phthalate
Concen: 45.302 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

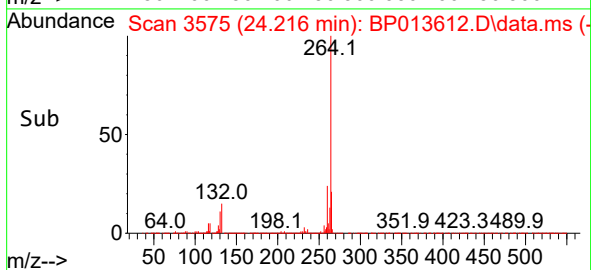
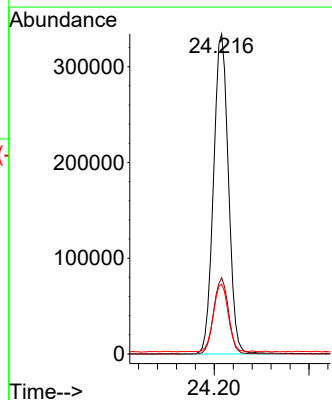
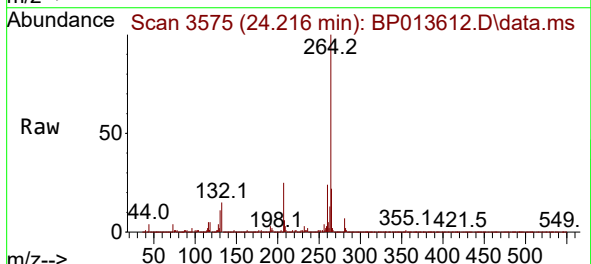
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

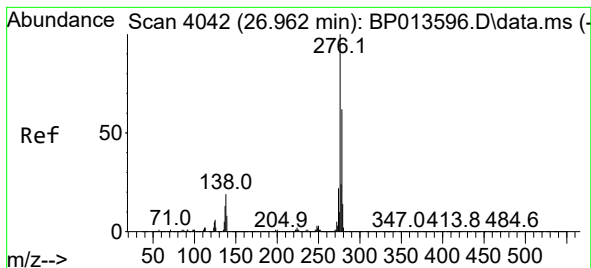
Tgt Ion:149 Resp: 726218
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.216 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:264 Resp: 730195
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.563 ng

RT: 26.957 min Scan# 4042

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

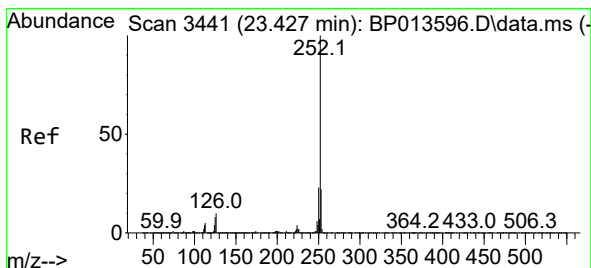
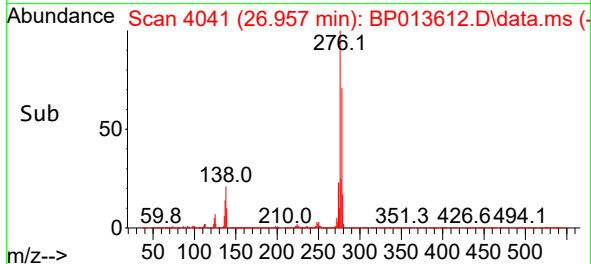
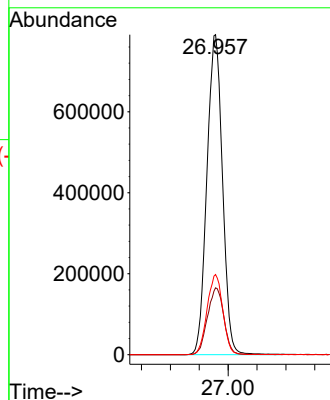
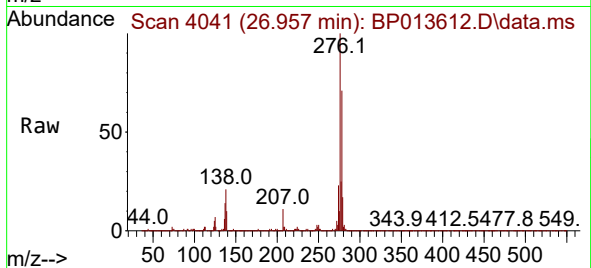
Tgt Ion:276 Resp: 2954999

Ion Ratio Lower Upper

276 100

138 21.9 16.4 24.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.357 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

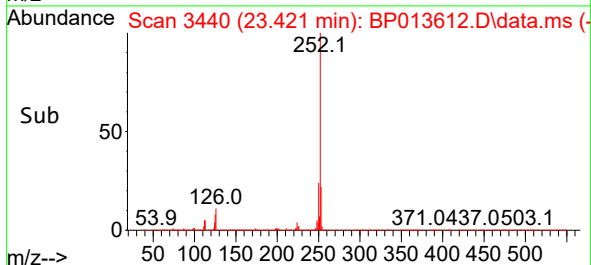
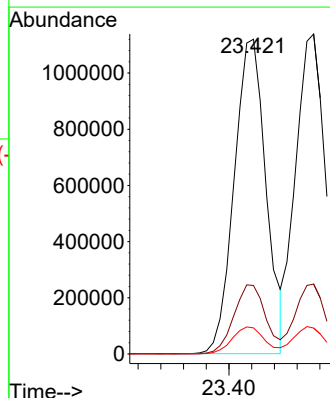
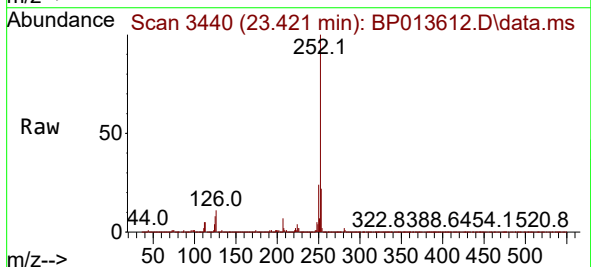
Tgt Ion:252 Resp: 2173180

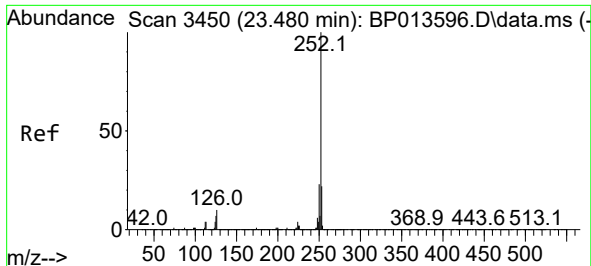
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.3 6.2 9.4

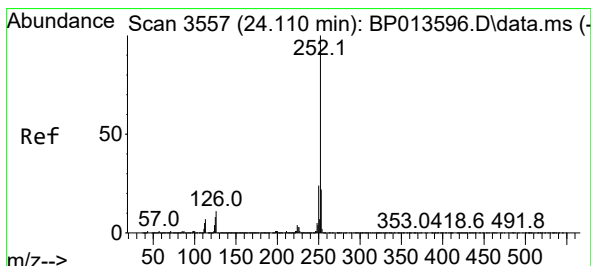
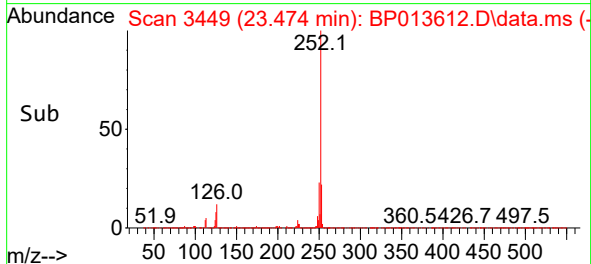
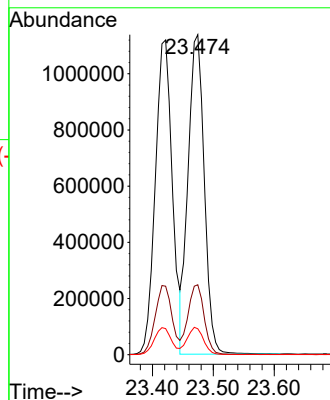
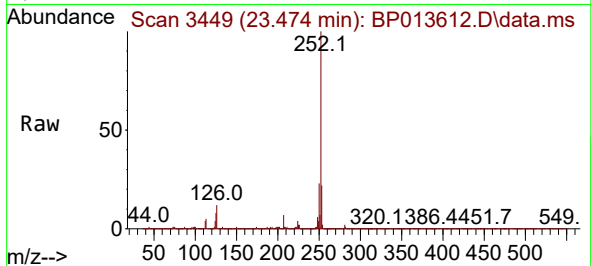




#89
Benzo(k)fluoranthene
Concen: 45.057 ng
RT: 23.474 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

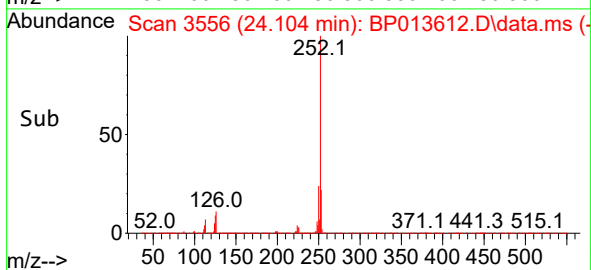
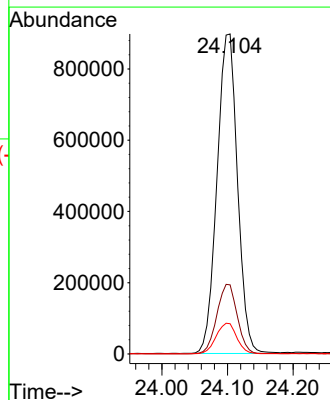
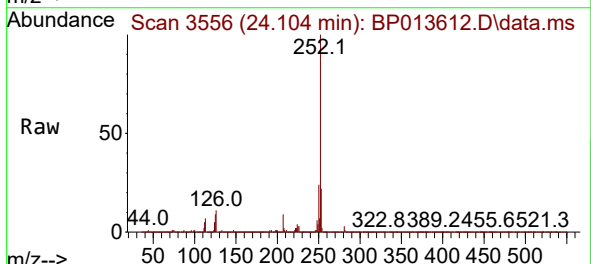
Instrument :
BNA_P
ClientSampleId :
PB150456BSD

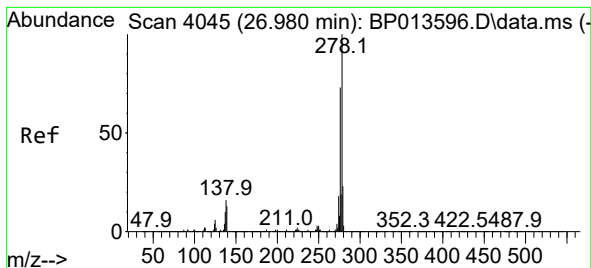
Tgt Ion:252 Resp: 2096879
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.1 5.9 8.9



#90
Benzo(a)pyrene
Concen: 43.987 ng
RT: 24.104 min Scan# 3556
Delta R.T. -0.006 min
Lab File: BP013612.D
Acq: 27 Jan 2023 11:45

Tgt Ion:252 Resp: 1940884
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.5 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 57.700 ng

RT: 26.974 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Instrument :

BNA_P

ClientSampleId :

PB150456BSD

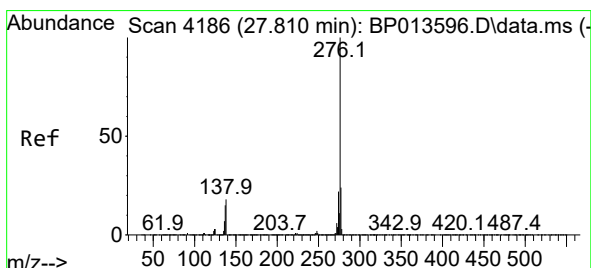
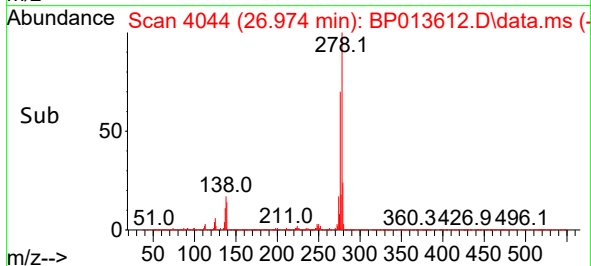
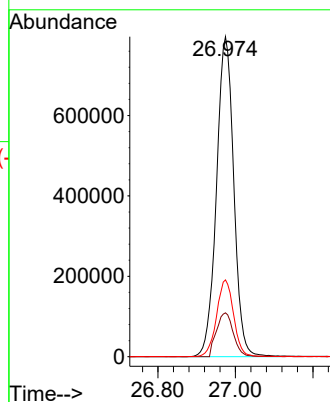
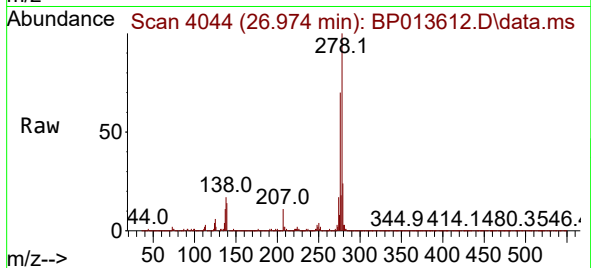
Tgt Ion:278 Resp: 2464687

Ion Ratio Lower Upper

278 100

139 13.7 10.6 15.8

279 24.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 59.158 ng

RT: 27.792 min Scan# 4183

Delta R.T. -0.018 min

Lab File: BP013612.D

Acq: 27 Jan 2023 11:45

Tgt Ion:276 Resp: 2488137

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 18.5 14.3 21.5

