

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013840.D
 Acq On : 17 Feb 2023 12:05
 Operator : CG/JU
 Sample : PB150830BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150830BS

Quant Time: Feb 17 22:01:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 18:05:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	169863	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	619525	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	359345	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	809735	20.000	ng	0.00
76) Chrysene-d12	21.580	240	788954	20.000	ng	0.00
86) Perylene-d12	24.139	264	885352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1086416	105.410	ng	0.00
7) Phenol-d6	7.264	99	1351228	102.367	ng	0.00
23) Nitrobenzene-d5	9.287	82	844278	73.590	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	517674	98.965	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1871534	68.408	ng	0.00
79) Terphenyl-d14	20.033	244	2594531	63.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	184492	41.184	ng	100
3) Pyridine	3.911	79	452254	37.449	ng	98
4) n-Nitrosodimethylamine	3.817	42	202565	44.759	ng	99
6) Aniline	7.434	93	601271	35.058	ng	98
8) 2-Chlorophenol	7.675	128	503071	46.275	ng	99
9) Benzaldehyde	7.246	77	284573	45.315	ng	98
10) Phenol	7.293	94	630162	45.865	ng	97
11) bis(2-Chloroethyl)ether	7.528	93	471301	42.862	ng	97
12) 1,3-Dichlorobenzene	8.005	146	546332	44.693	ng	99
13) 1,4-Dichlorobenzene	8.152	146	554841	44.935	ng	99
14) 1,2-Dichlorobenzene	8.469	146	533477	46.283	ng	99
15) Benzyl Alcohol	8.358	79	424958	45.887	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.640	45	521245	44.379	ng	99
17) 2-Methylphenol	8.558	107	413242	44.198	ng	99
18) Hexachloroethane	9.205	117	203163	46.971	ng	99
19) n-Nitroso-di-n-propyla...	8.928	70	338933	43.871	ng	99
20) 3+4-Methylphenols	8.887	107	535664	42.567	ng	95
22) Acetophenone	8.946	105	703843	45.043	ng	# 99
24) Nitrobenzene	9.328	77	561679	46.915	ng	100
25) Isophorone	9.858	82	913406	41.314	ng	100
26) 2-Nitrophenol	10.046	139	237466	42.432	ng	97
27) 2,4-Dimethylphenol	10.099	122	421110	45.545	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	607620	43.053	ng	99
29) 2,4-Dichlorophenol	10.581	162	457761	46.145	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	523109	44.938	ng	100
31) Naphthalene	10.993	128	1447760	42.623	ng	99
32) Benzoic acid	10.234	122	261690	37.174	ng	97
33) 4-Chloroaniline	11.099	127	242045	16.971	ng	99
34) Hexachlorobutadiene	11.275	225	348037	44.991	ng	99
35) Caprolactam	11.887	113	118923	37.548	ng	100
36) 4-Chloro-3-methylphenol	12.210	107	473256	42.814	ng	98
37) 2-Methylnaphthalene	12.587	142	1010765	41.109	ng	99
38) 1-Methylnaphthalene	12.804	142	879278	38.211	ng	99
40) 1,2,4,5-Tetrachloroben...	12.952	216	564035	43.523	ng	99
41) Hexachlorocyclopentadiene	12.928	237	775271	112.624	ng	99
43) 2,4,6-Trichlorophenol	13.187	196	364265	44.932	ng	96

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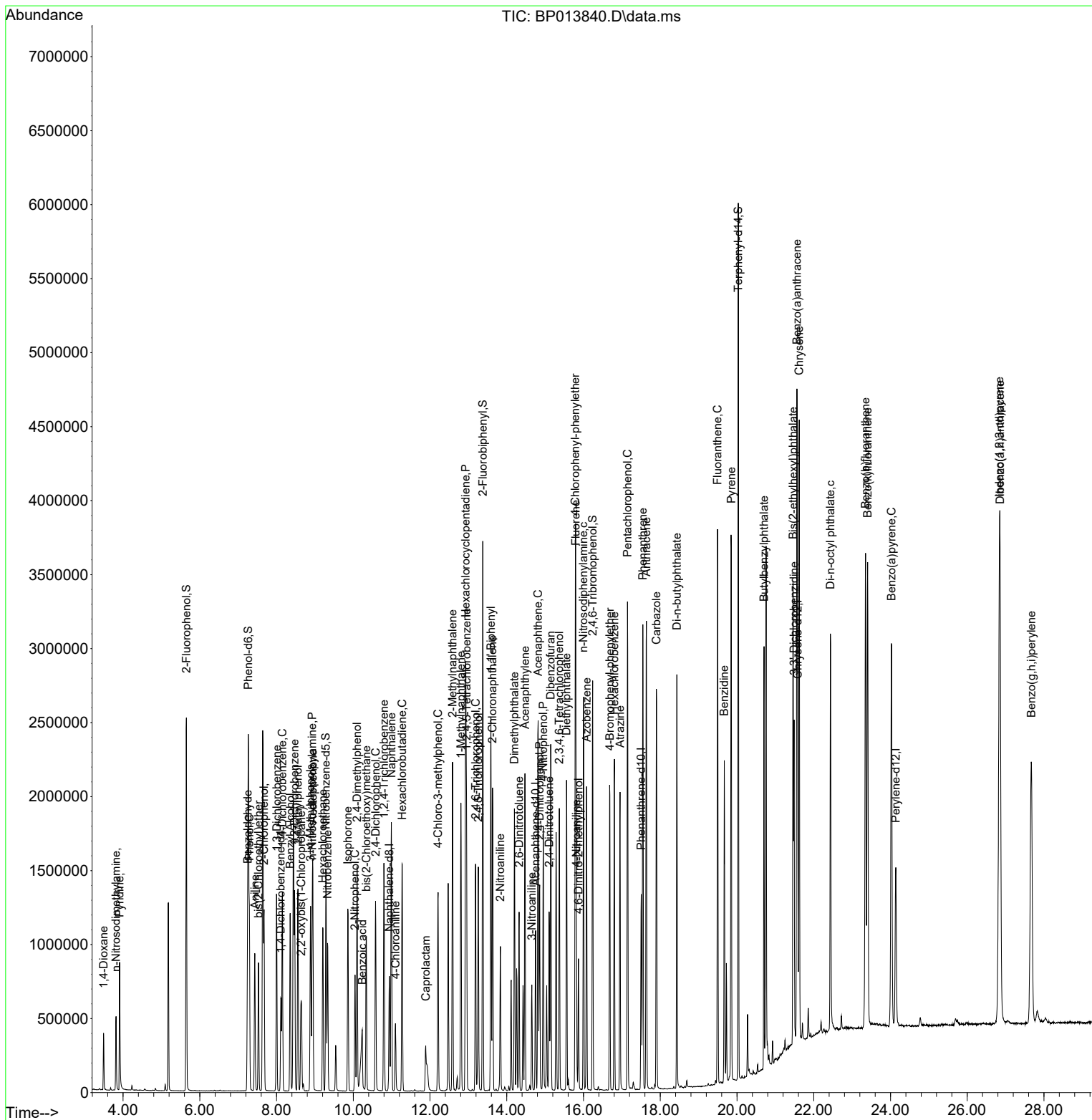
Instrument :
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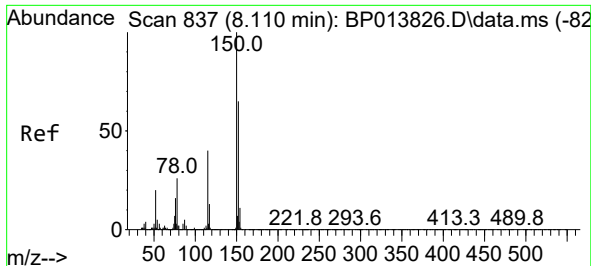
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	397015	41.204	ng	99
46) 1,1'-Biphenyl	13.587	154	1255696	43.234	ng	97
47) 2-Chloronaphthalene	13.628	162	976060	44.111	ng	99
48) 2-Nitroaniline	13.834	65	254585	41.012	ng	98
49) Acenaphthylene	14.475	152	1510277	43.299	ng	99
50) Dimethylphthalate	14.198	163	1197962	40.969	ng	99
51) 2,6-Dinitrotoluene	14.322	165	247672	39.126	ng	100
52) Acenaphthene	14.816	154	921222	43.402	ng	99
53) 3-Nitroaniline	14.651	138	175902	27.344	ng	100
54) 2,4-Dinitrophenol	14.857	184	315476	75.382	ng	99
55) Dibenzofuran	15.146	168	1521935	43.094	ng	100
56) 4-Nitrophenol	14.951	139	438319	83.859	ng	92
57) 2,4-Dinitrotoluene	15.104	165	355674	41.659	ng	96
58) Fluorene	15.798	166	1139778	41.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	384222	46.320	ng	99
60) Diethylphthalate	15.557	149	1168685	40.987	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	609790	40.642	ng	99
62) 4-Nitroaniline	15.816	138	243750	36.275	ng	95
63) Azobenzene	16.081	77	1116498	43.280	ng	99
65) 4,6-Dinitro-2-methylph...	15.869	198	201273	36.474	ng	97
66) n-Nitrosodiphenylamine	15.998	169	1002606	40.878	ng	98
67) 4-Bromophenyl-phenylether	16.687	248	414468	43.366	ng	99
68) Hexachlorobenzene	16.804	284	479003	45.913	ng	98
69) Atrazine	16.951	200	389693	46.601	ng	99
70) Pentachlorophenol	17.145	266	599745	77.972	ng	99
71) Phenanthrene	17.545	178	1911584	42.140	ng	100
72) Anthracene	17.640	178	1978188	43.612	ng	100
73) Carbazole	17.898	167	1737564	42.551	ng	99
74) Di-n-butylphthalate	18.434	149	1898121	39.674	ng	99
75) Fluoranthene	19.492	202	2124102	37.562	ng	99
77) Benzidine	19.669	184	1158712	70.731	ng	100
78) Pyrene	19.851	202	2272205	42.144	ng	99
80) Butylbenzylphthalate	20.704	149	801495	41.826	ng	98
81) Benzo(a)anthracene	21.563	228	2399600	42.474	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	648095	36.462	ng	99
83) Chrysene	21.622	228	2297340	41.975	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	1257856	42.103	ng	99
85) Di-n-octyl phthalate	22.433	149	2124794	39.913	ng	100
87) Indeno(1,2,3-cd)pyrene	26.839	276	3177858	46.141	ng	100
88) Benzo(b)fluoranthene	23.351	252	2503582	44.712	ng	99
89) Benzo(k)fluoranthene	23.404	252	2548247	44.833	ng	100
90) Benzo(a)pyrene	24.027	252	2257360	41.700	ng	100
91) Dibenzo(a,h)anthracene	26.857	278	2647733	45.885	ng	100
92) Benzo(g,h,i)perylene	27.668	276	2631458	46.118	ng	99

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

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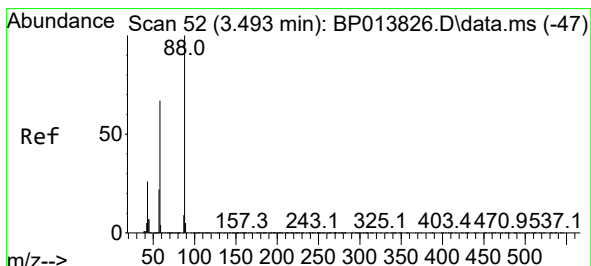
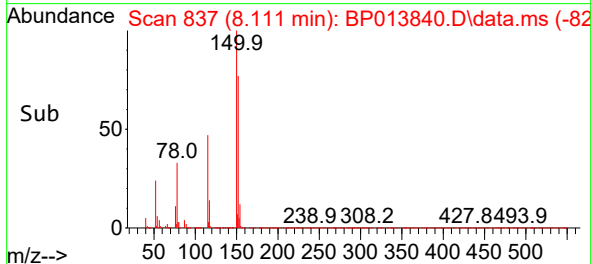
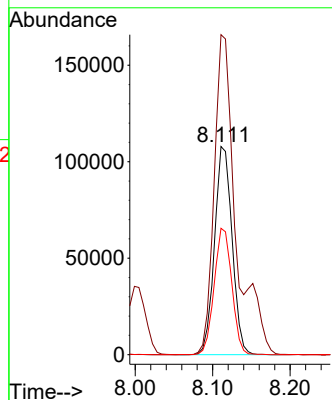
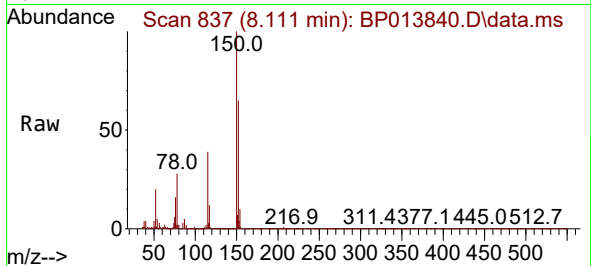




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.111 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

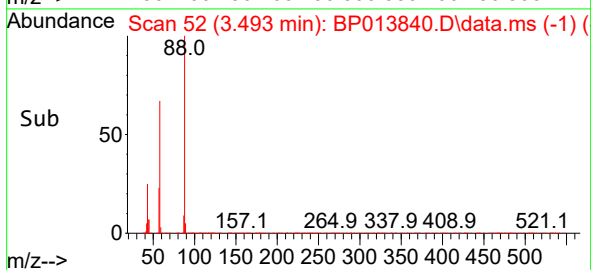
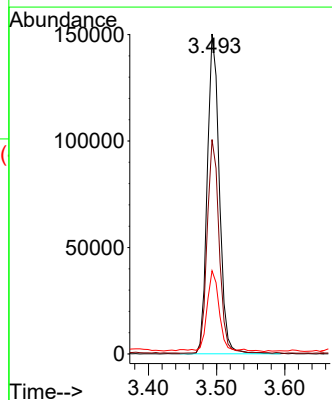
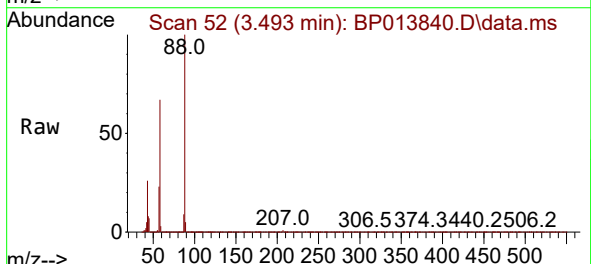
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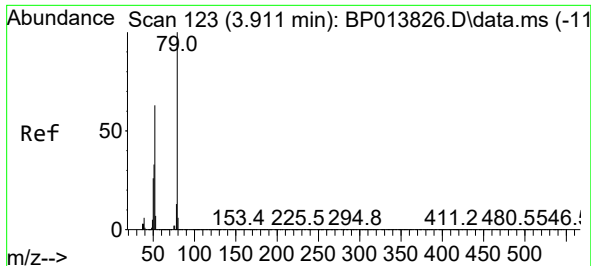
Tgt Ion:152 Resp: 169863
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.8 184.2
 115 60.7 49.0 73.6



#2
 1,4-Dioxane
 Concen: 41.184 ng
 RT: 3.493 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

Tgt Ion: 88 Resp: 184492
 Ion Ratio Lower Upper
 88 100
 58 66.6 53.5 80.3
 43 26.0 20.6 30.8

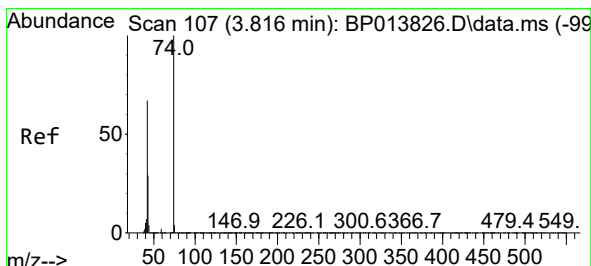
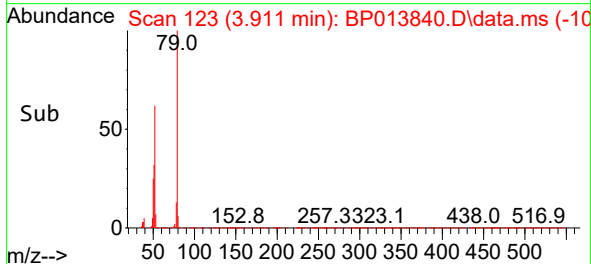
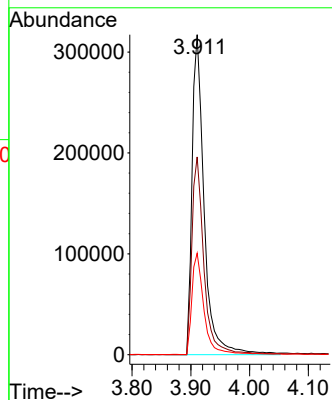
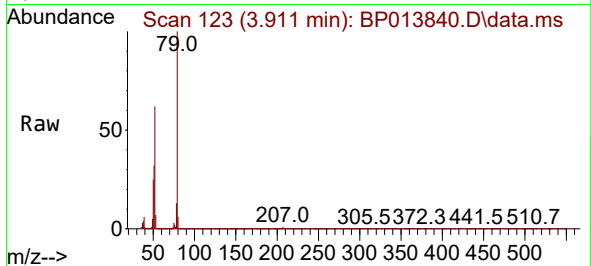




#3
Pyridine
Concen: 37.449 ng
RT: 3.911 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

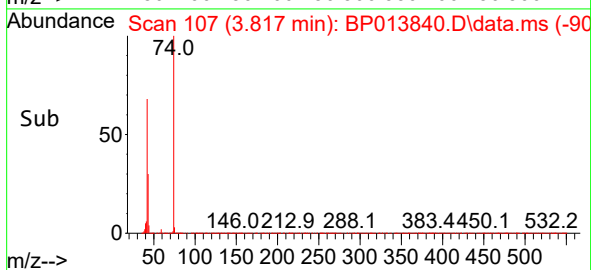
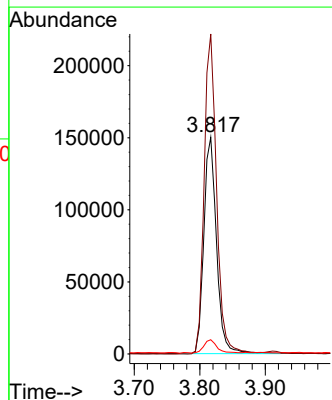
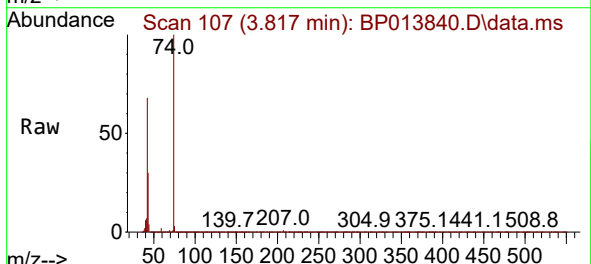
Instrument :
BNA_P
ClientSampleId :
PB150830BS

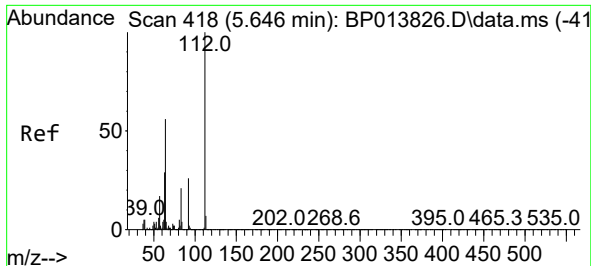
Tgt Ion: 79 Resp: 452254
Ion Ratio Lower Upper
79 100
52 61.8 50.0 75.0
51 31.7 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 44.759 ng
RT: 3.817 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 42 Resp: 202565
Ion Ratio Lower Upper
42 100
74 147.7 119.3 178.9
44 6.6 6.0 9.0

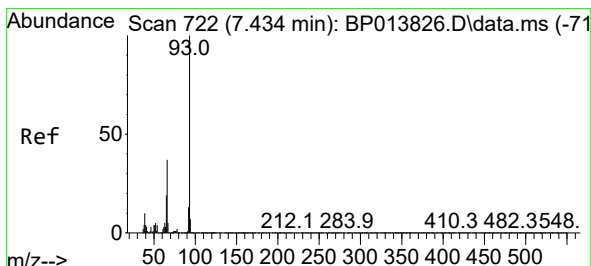
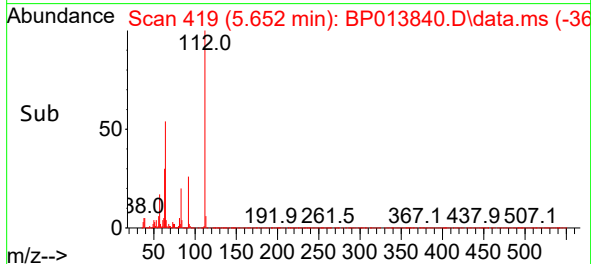
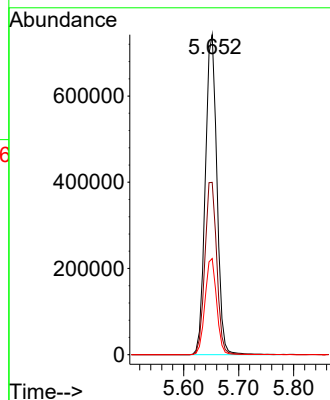
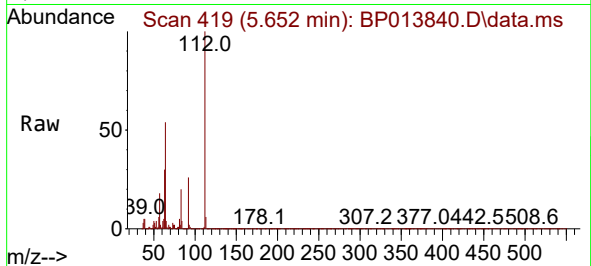




#5
2-Fluorophenol
Concen: 105.410 ng
RT: 5.652 min Scan# 418
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

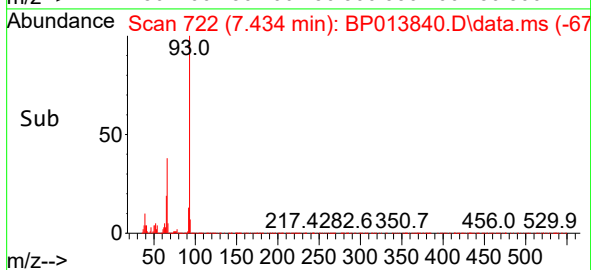
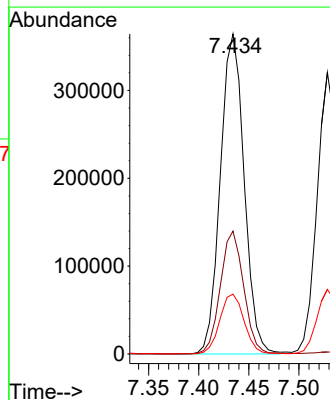
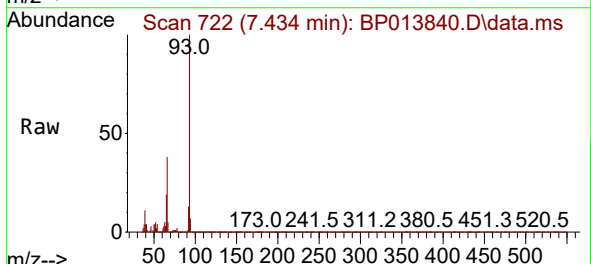
Instrument :
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ClientSampleId :
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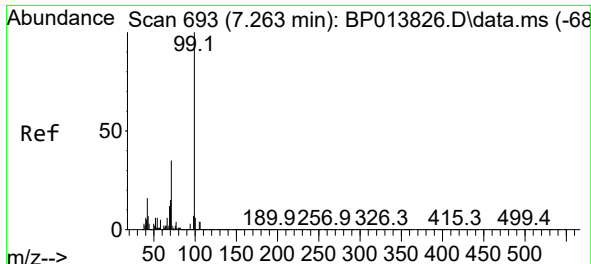
Tgt Ion:112 Resp: 1086416
Ion Ratio Lower Upper
112 100
64 53.8 44.6 66.8
63 30.1 23.6 35.4



#6
Aniline
Concen: 35.058 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 93 Resp: 601271
Ion Ratio Lower Upper
93 100
66 38.4 29.6 44.4
65 18.7 15.4 23.0



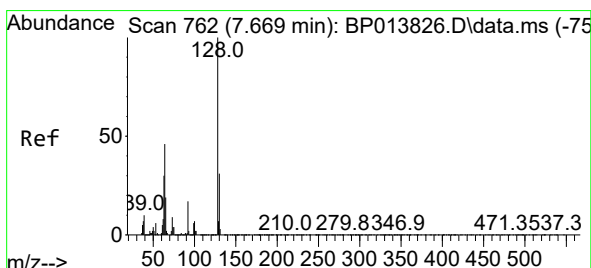
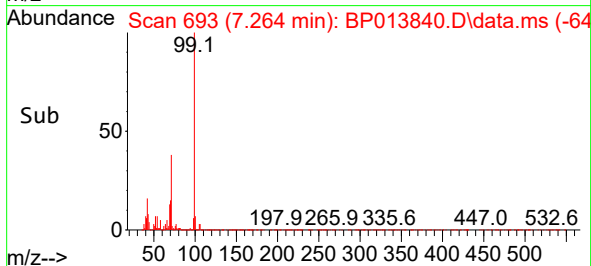
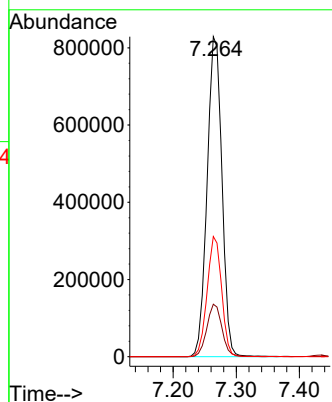
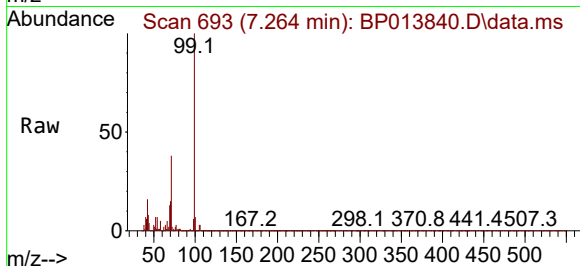


#7
Phenol-d6
Concen: 102.367 ng
RT: 7.264 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Instrument :
BNA_P
ClientSampleId :
PB150830BS

Tgt Ion: 99 Resp: 1351228

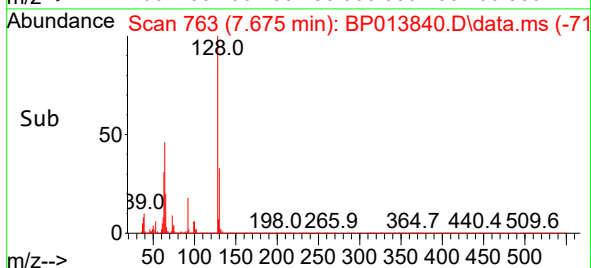
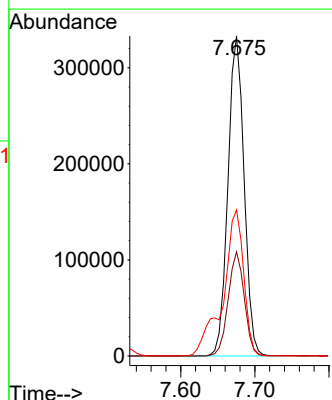
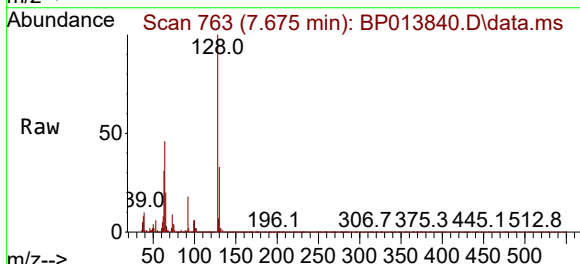
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.5	18.7
71	37.6	27.8	41.8

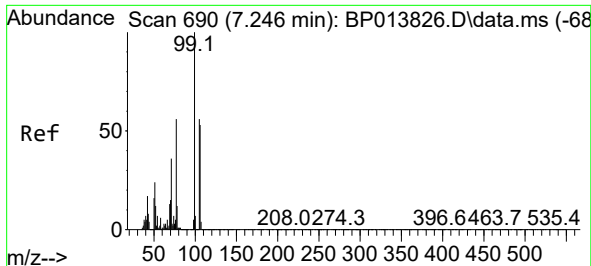


#8
2-Chlorophenol
Concen: 46.275 ng
RT: 7.675 min Scan# 763
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 128 Resp: 503071

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.4	51.4
64	45.7	25.9	65.9

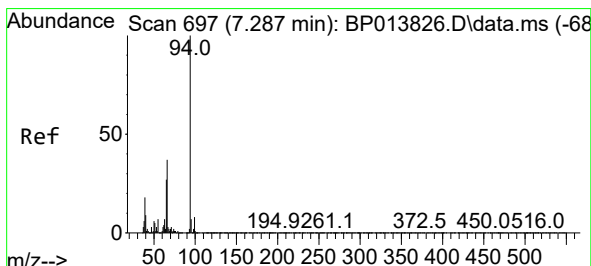
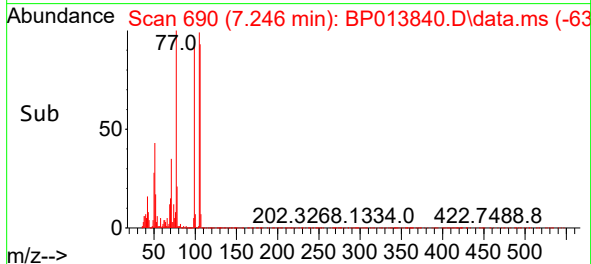
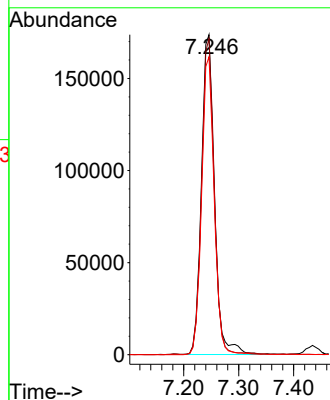
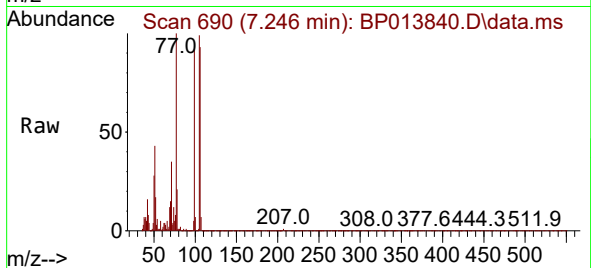




#9
Benzaldehyde
Concen: 45.315 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

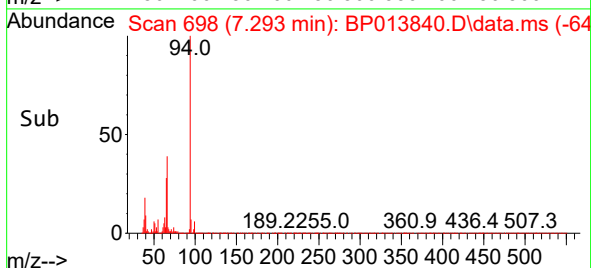
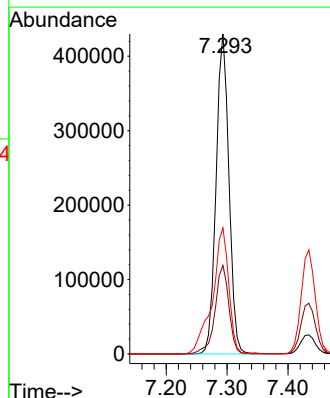
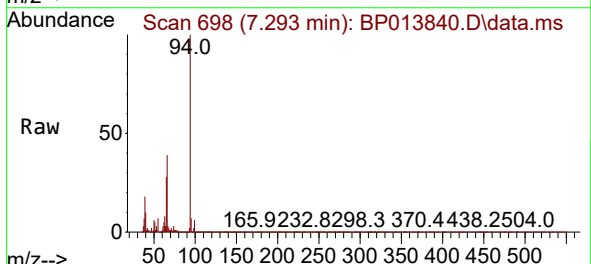
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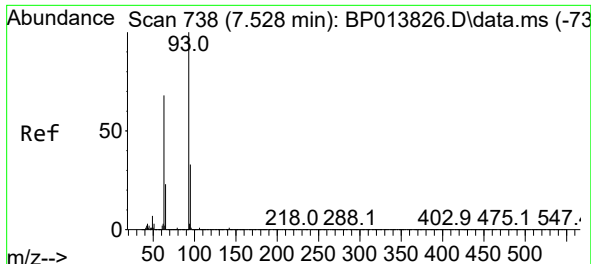
Tgt Ion: 77 Resp: 284573
Ion Ratio Lower Upper
77 100
105 98.7 80.2 120.2
106 93.1 74.8 114.8



#10
Phenol
Concen: 45.865 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 94 Resp: 630162
Ion Ratio Lower Upper
94 100
65 27.6 6.8 46.8
66 39.4 17.4 57.4

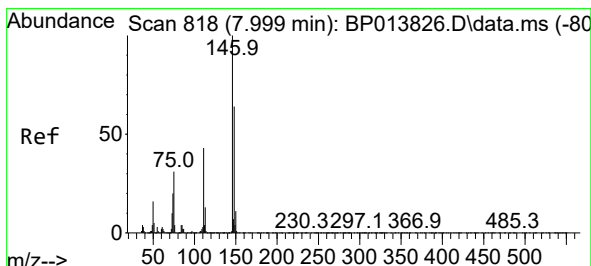
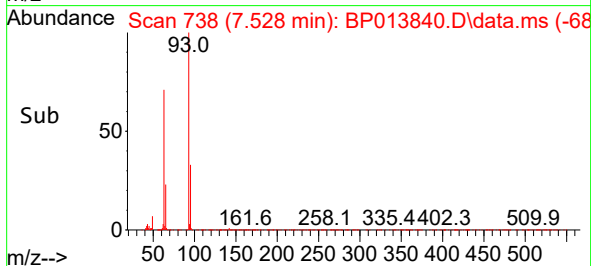
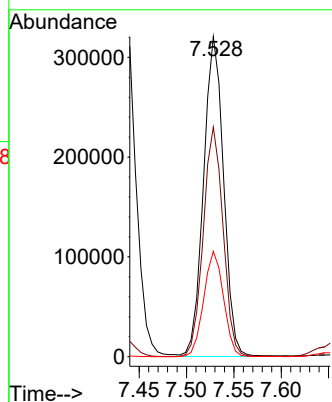
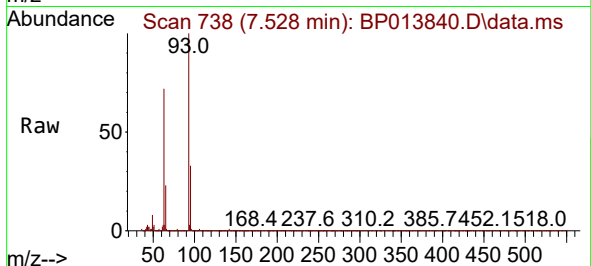




#11
bis(2-Chloroethyl)ether
Concen: 42.862 ng
RT: 7.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

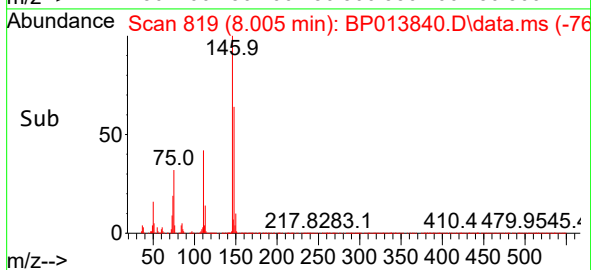
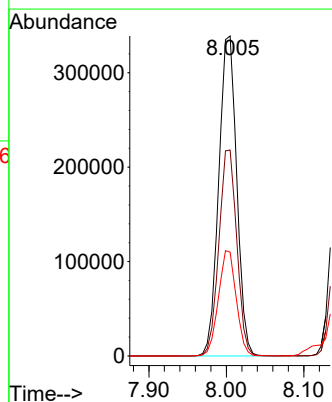
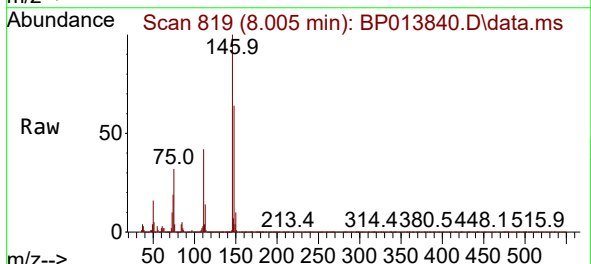
Instrument :
BNA_P
ClientSampleId :
PB150830BS

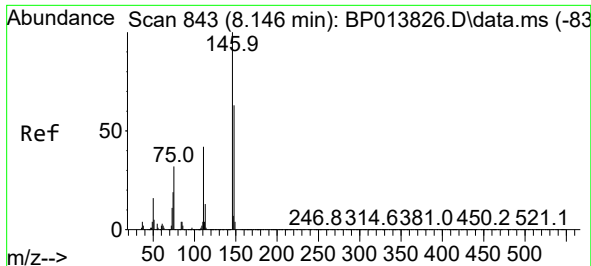
Tgt Ion: 93 Resp: 471301
Ion Ratio Lower Upper
93 100
63 71.8 48.1 88.1
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.693 ng
RT: 8.005 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:146 Resp: 546332
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 32.5 25.0 37.4

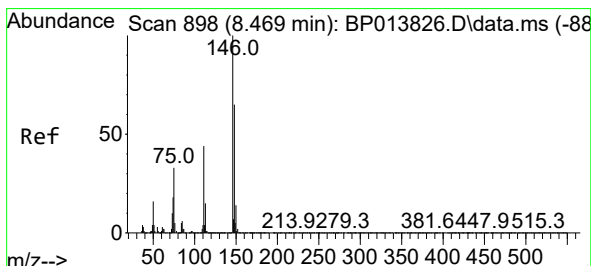
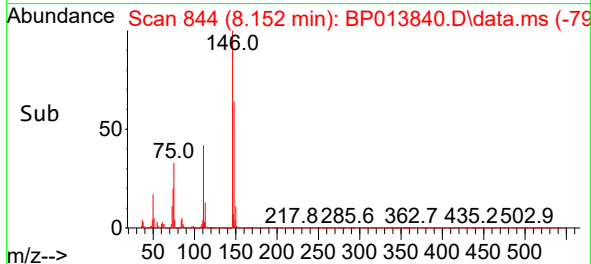
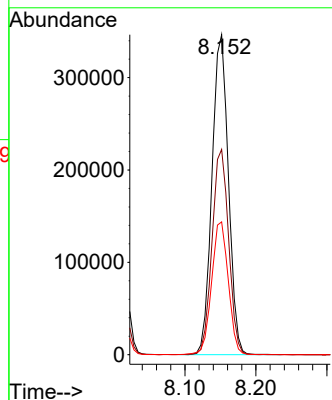
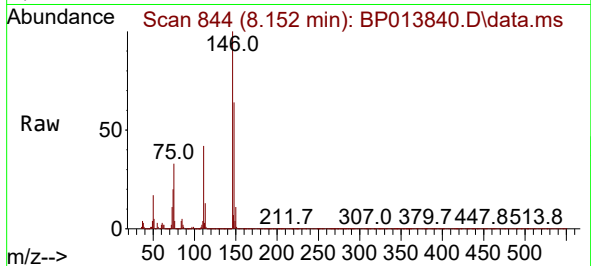




#13
1,4-Dichlorobenzene
Concen: 44.935 ng
RT: 8.152 min Scan# 843
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

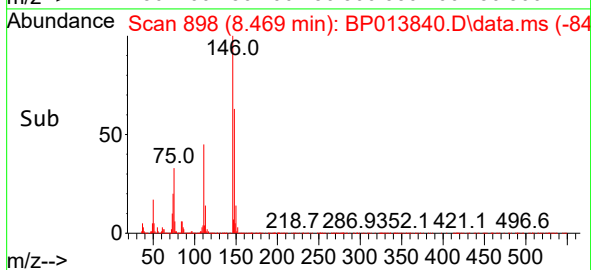
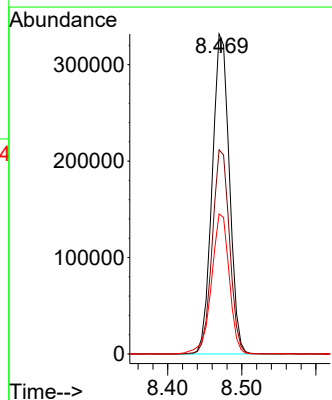
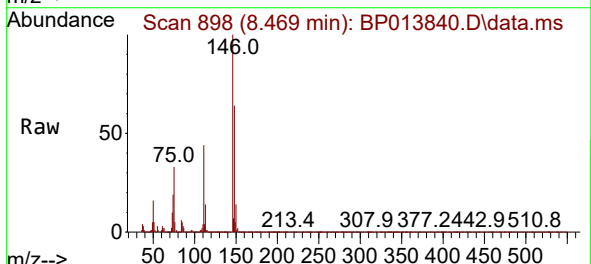
Instrument :
BNA_P
ClientSampleId :
PB150830BS

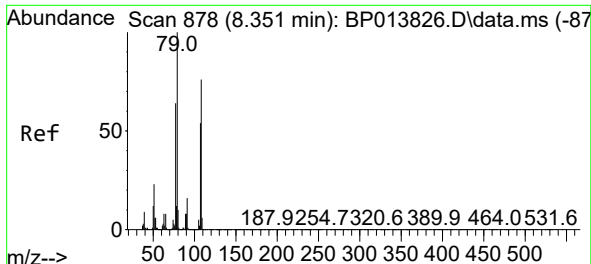
Tgt Ion:146 Resp: 554841
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
111 41.5 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 46.283 ng
RT: 8.469 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:146 Resp: 533477
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 43.7 34.9 52.3

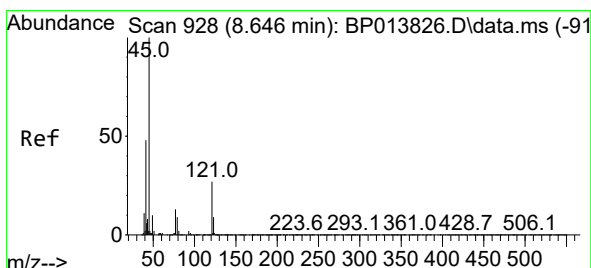
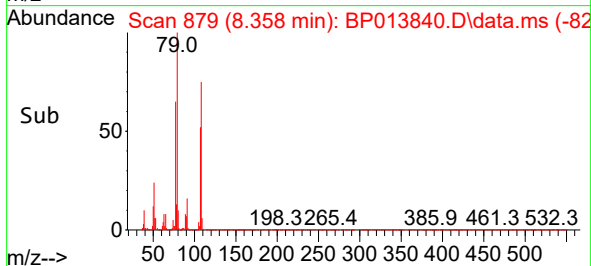
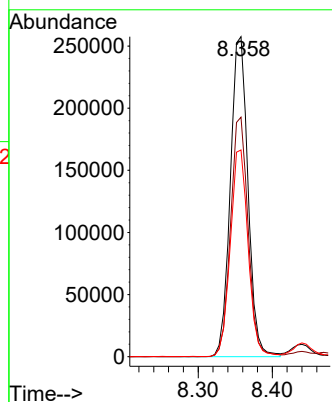
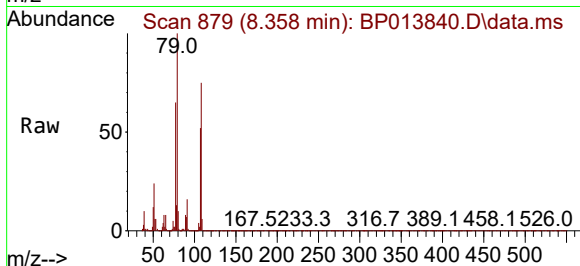




#15
Benzyl Alcohol
Concen: 45.887 ng
RT: 8.358 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

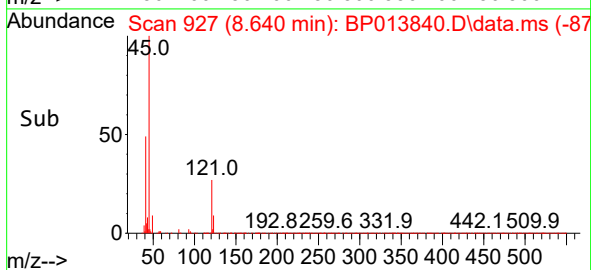
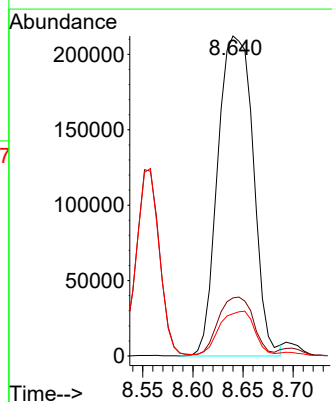
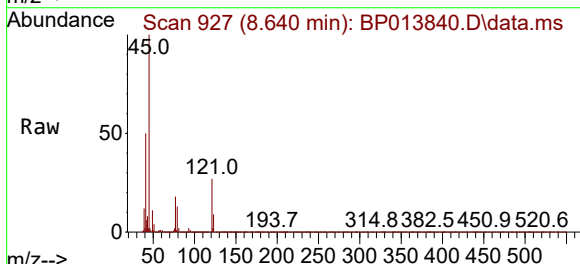
Instrument :
BNA_P
ClientSampleId :
PB150830BS

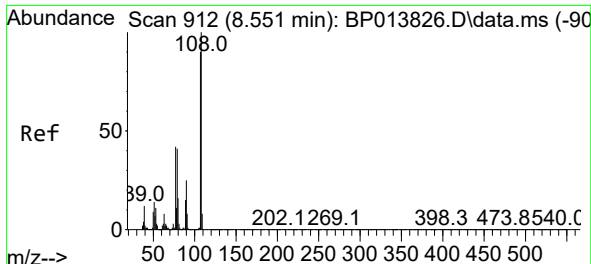
Tgt Ion: 79 Resp: 424958
Ion Ratio Lower Upper
79 100
108 74.9 60.7 91.1
77 64.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.379 ng
RT: 8.640 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 45 Resp: 521245
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.5
79 13.2 0.0 33.8

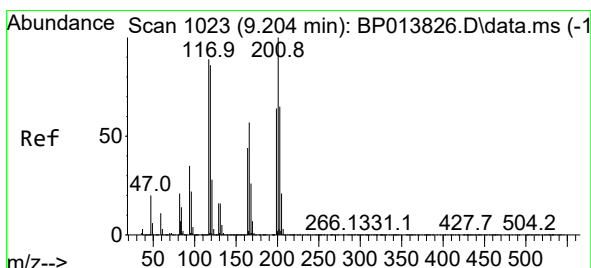
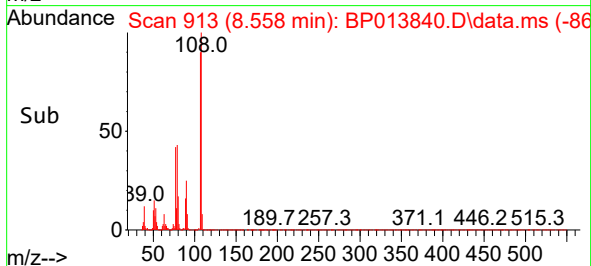
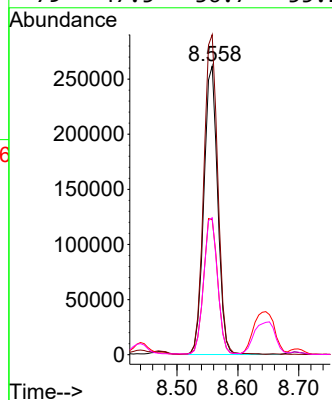
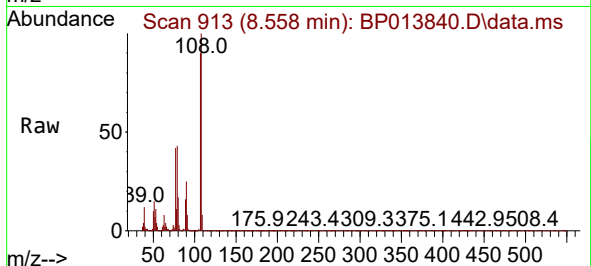




#17
2-Methylphenol
Concen: 44.198 ng
RT: 8.558 min Scan# 912
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

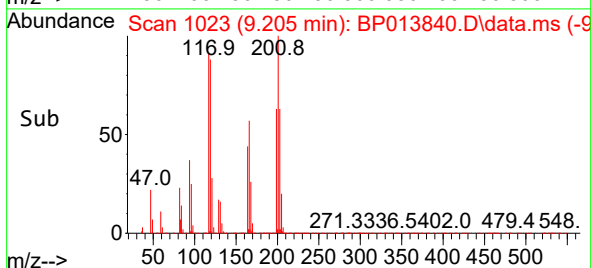
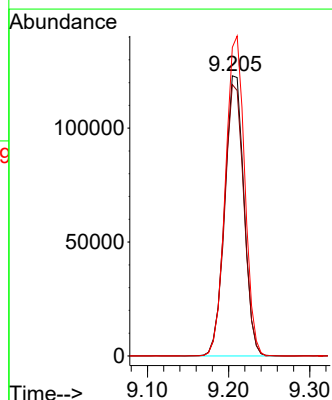
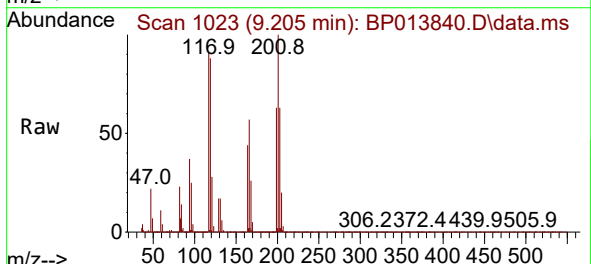
Instrument :
BNA_P
ClientSampleId :
PB150830BS

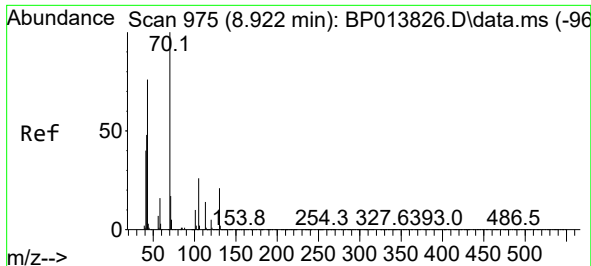
Tgt Ion:	107	Resp:	413242
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	46.8	37.1	55.7
79	47.5	36.7	55.1



#18
Hexachloroethane
Concen: 46.971 ng
RT: 9.205 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:	117	Resp:	203163
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
201	110.2	89.4	134.2



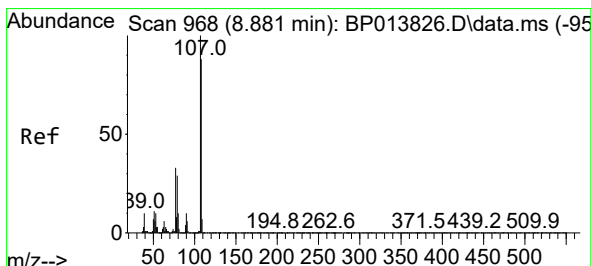
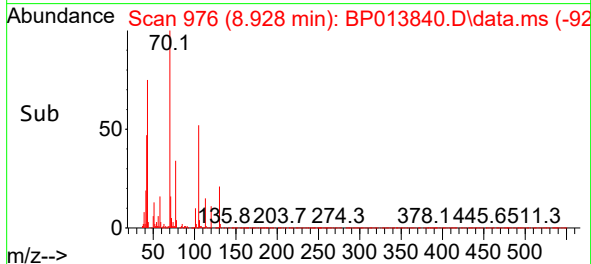
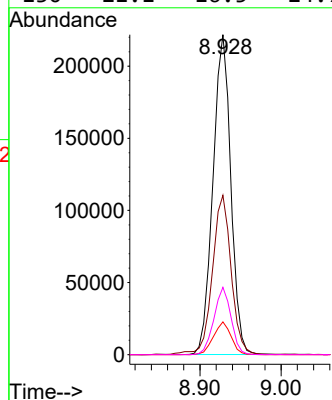
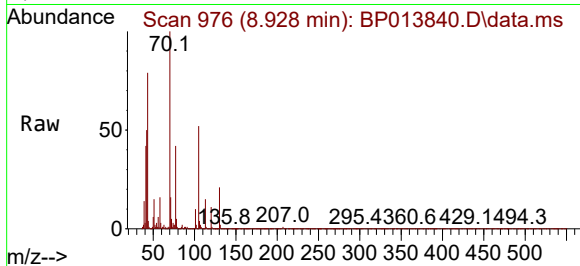


#19
n-Nitroso-di-n-propylamine
Concen: 43.871 ng
RT: 8.928 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Instrument :
BNA_P
ClientSampleId :
PB150830BS

Tgt Ion: 70 Resp: 338933

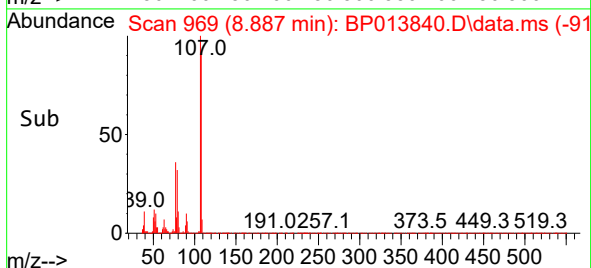
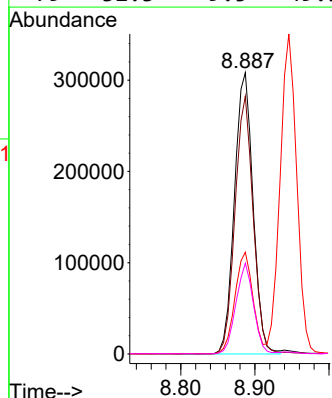
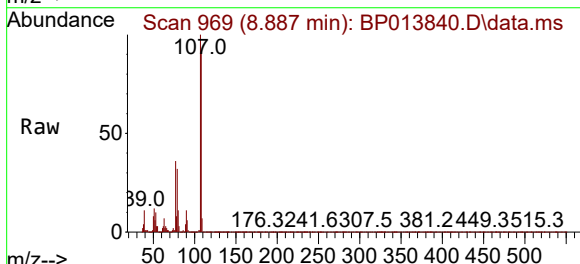
Ion	Ratio	Lower	Upper
70	100		
42	49.8	39.0	58.4
101	10.2	8.0	12.0
130	21.1	16.5	24.7

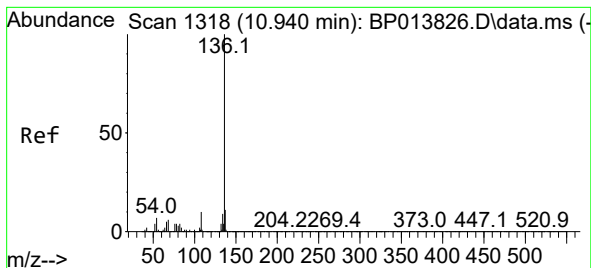


#20
3+4-Methylphenols
Concen: 42.567 ng
RT: 8.887 min Scan# 969
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 107 Resp: 535664

Ion	Ratio	Lower	Upper
107	100		
108	91.7	67.7	107.7
77	36.2	13.4	53.4
79	32.3	9.5	49.5



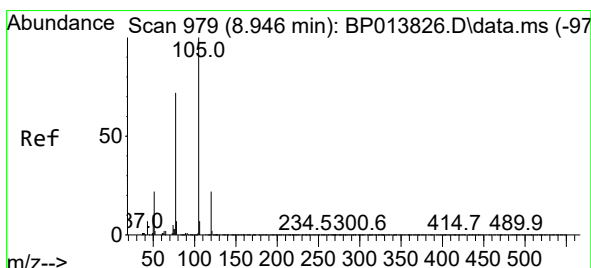
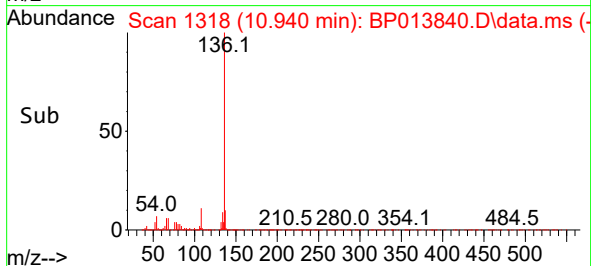
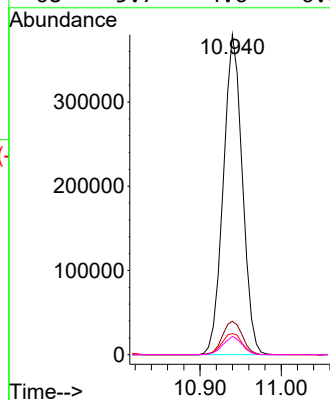
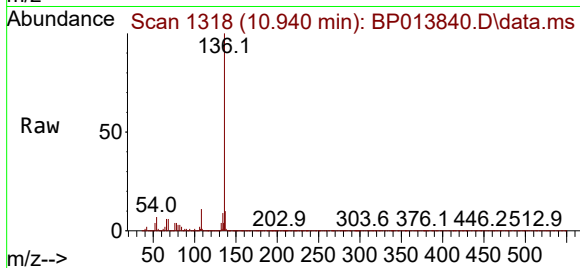


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Instrument :
BNA_P
ClientSampleId :
PB150830BS

Tgt Ion:136 Resp: 619525

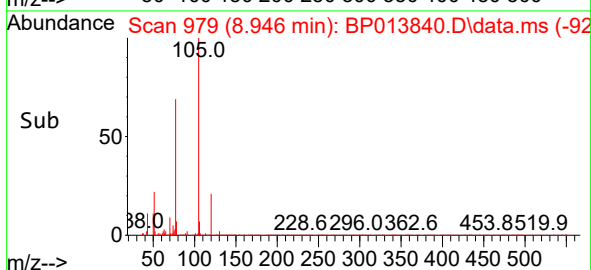
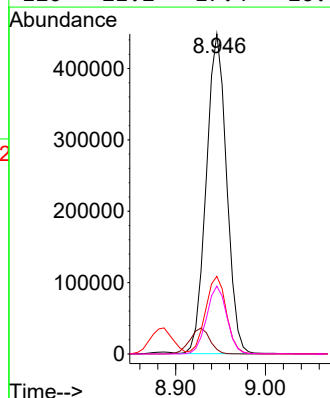
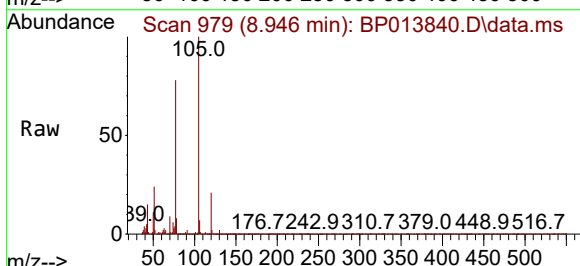
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.6	5.8	8.6
68	5.7	4.6	6.8

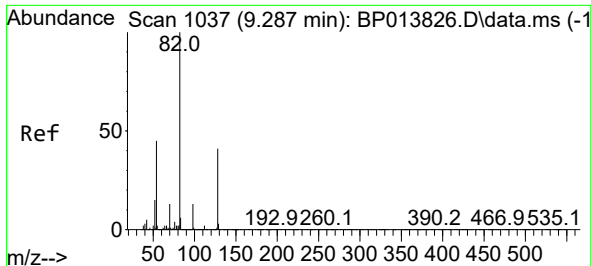


#22
Acetophenone
Concen: 45.043 ng
RT: 8.946 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:105 Resp: 703843

Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.7	1.1
51	24.3	18.9	28.3
120	21.2	17.4	26.0

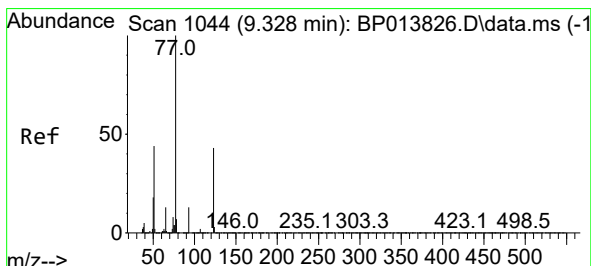
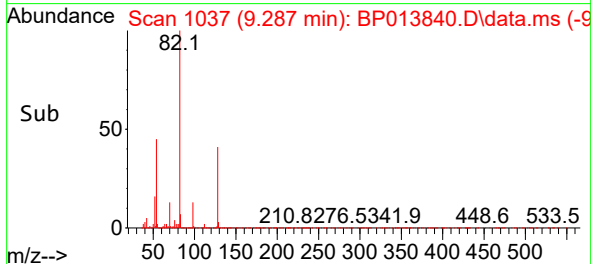
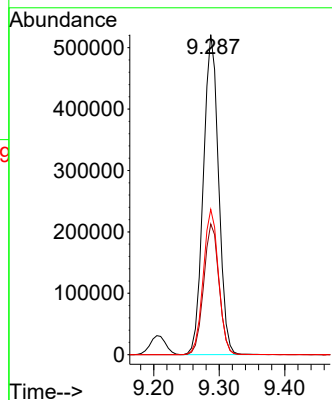
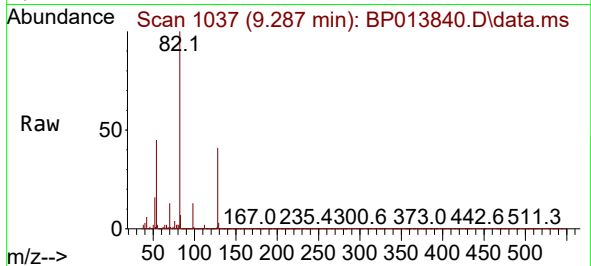




#23
Nitrobenzene-d5
Concen: 73.590 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

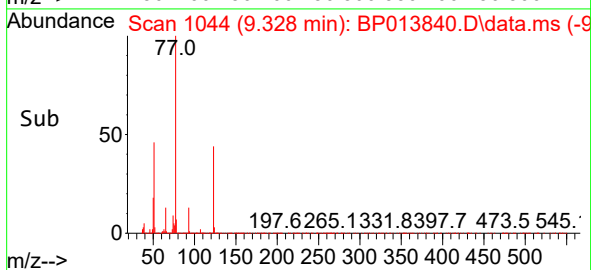
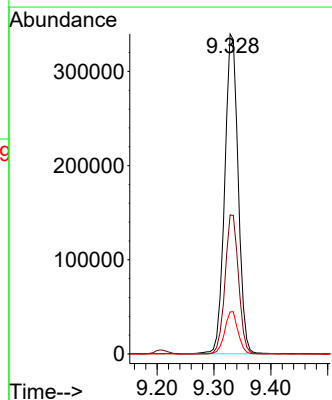
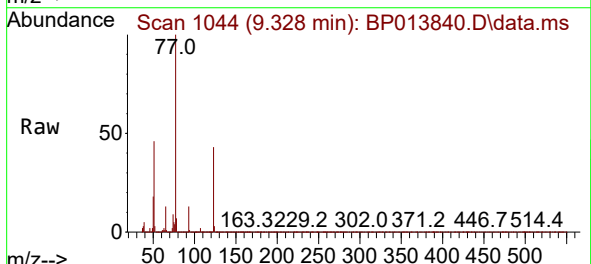
Instrument :
BNA_P
ClientSampleId :
PB150830BS

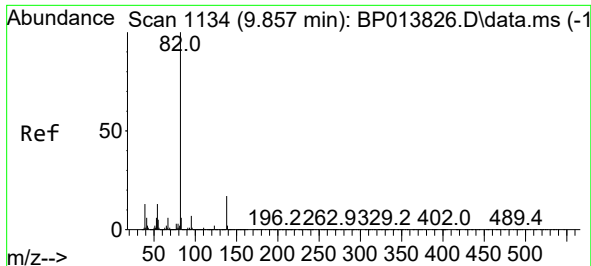
Tgt Ion: 82 Resp: 844278
Ion Ratio Lower Upper
82 100
128 40.8 32.9 49.3
54 45.4 35.6 53.4



#24
Nitrobenzene
Concen: 46.915 ng
RT: 9.328 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 77 Resp: 561679
Ion Ratio Lower Upper
77 100
123 43.5 34.7 52.1
65 13.2 10.5 15.7

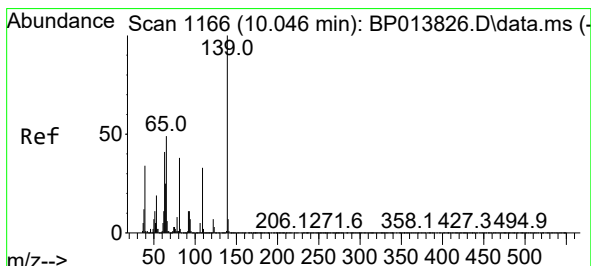
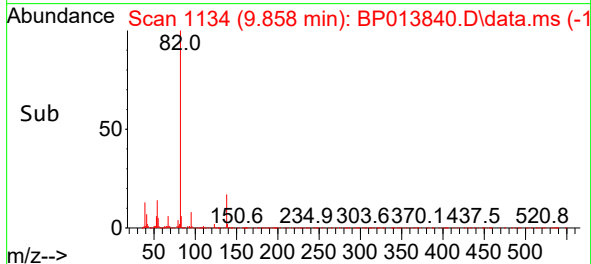
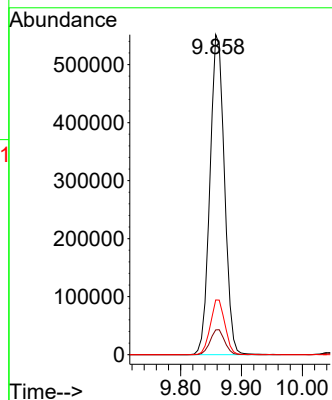
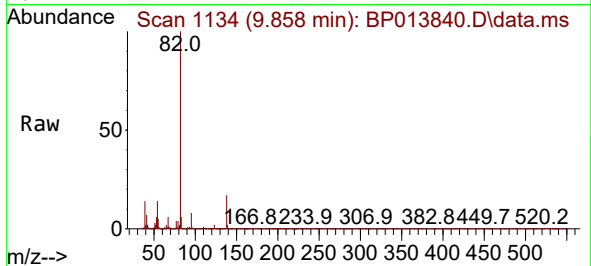




#25
Isophorone
Concen: 41.314 ng
RT: 9.858 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

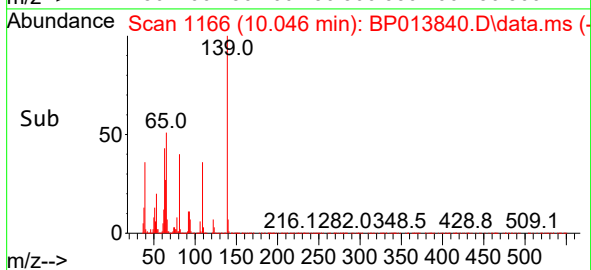
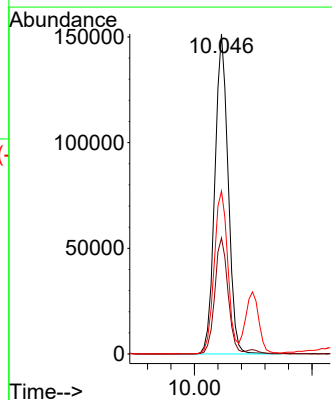
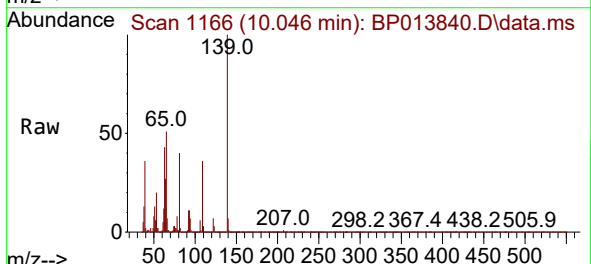
Instrument :
BNA_P
ClientSampleId :
PB150830BS

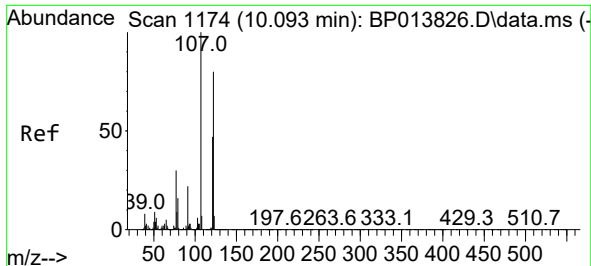
Tgt Ion: 82 Resp: 913406
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 42.432 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:139 Resp: 237466
Ion Ratio Lower Upper
139 100
109 36.3 26.7 40.1
65 50.9 39.4 59.2

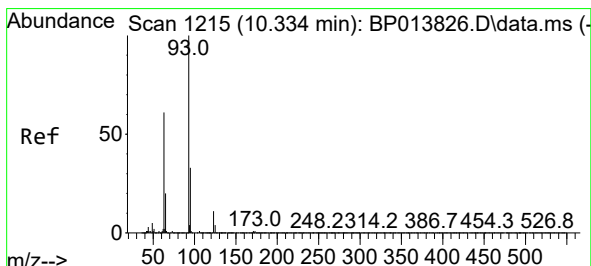
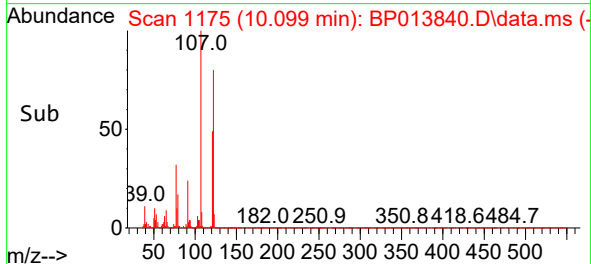
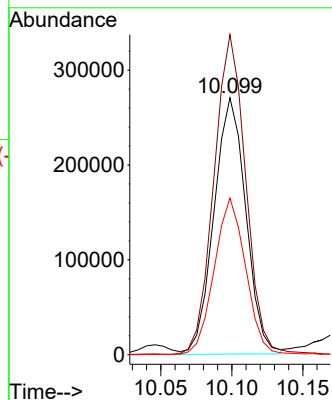
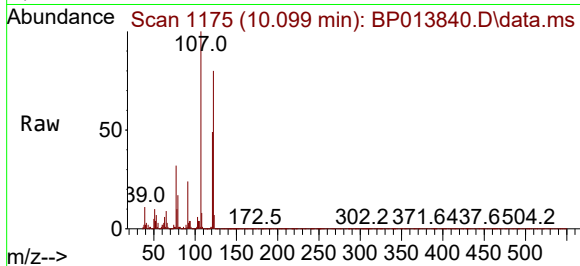




#27
2,4-Dimethylphenol
Concen: 45.545 ng
RT: 10.099 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

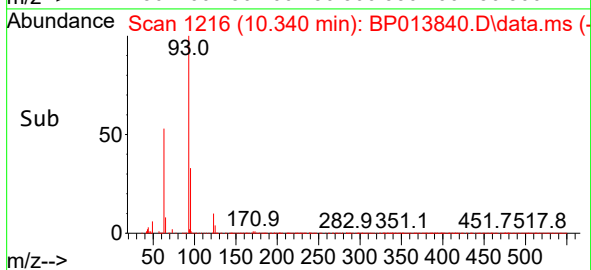
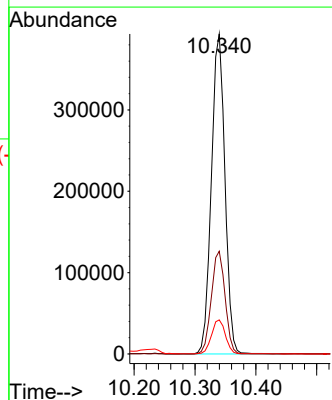
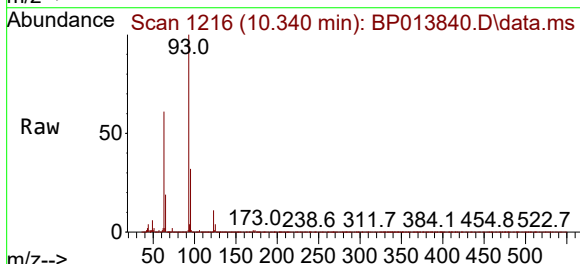
Instrument :
BNA_P
ClientSampleId :
PB150830BS

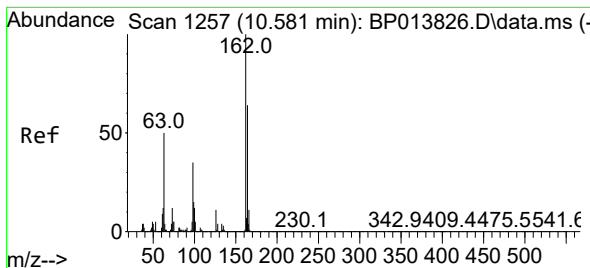
Tgt Ion:122 Resp: 421110
Ion Ratio Lower Upper
122 100
107 124.5 100.0 150.0
121 61.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.053 ng
RT: 10.340 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 93 Resp: 607620
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 10.6 8.7 13.1

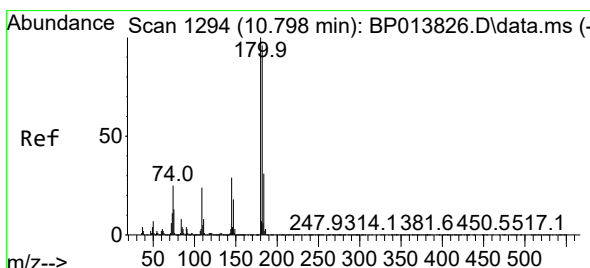
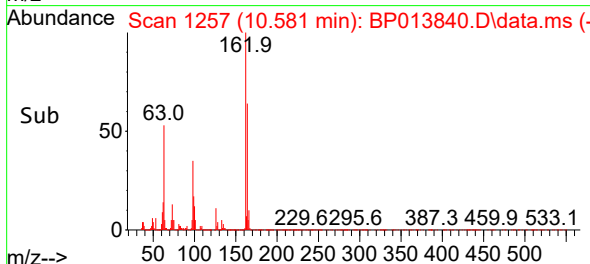
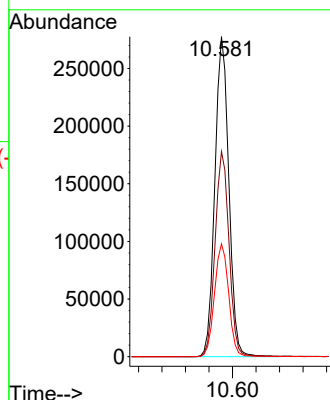
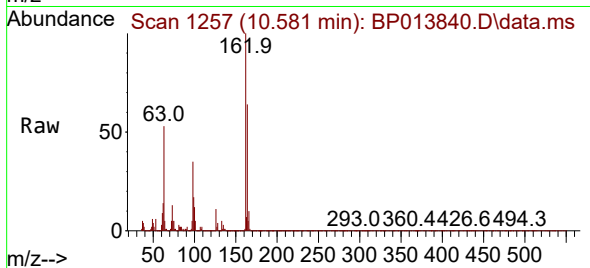




#29
2,4-Dichlorophenol
Concen: 46.145 ng
RT: 10.581 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

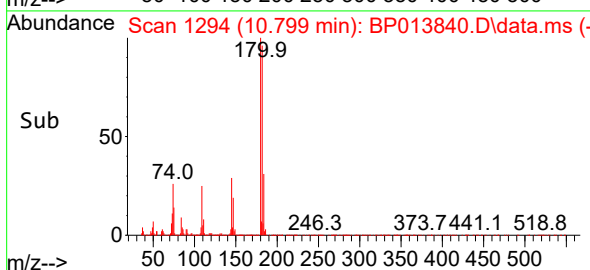
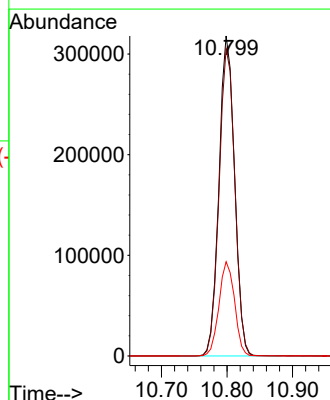
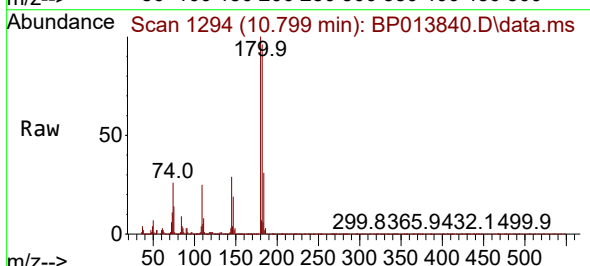
Instrument :
BNA_P
ClientSampleId :
PB150830BS

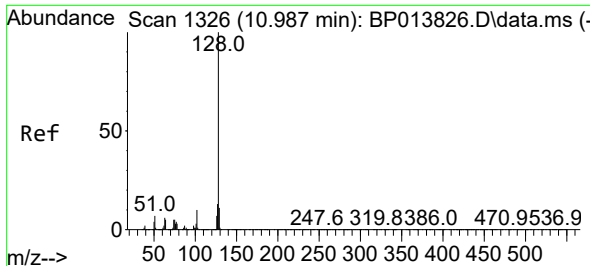
Tgt Ion:162 Resp: 457761
Ion Ratio Lower Upper
162 100
164 64.1 44.4 84.4
98 35.2 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 44.938 ng
RT: 10.799 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:180 Resp: 523109
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 29.5 22.9 34.3

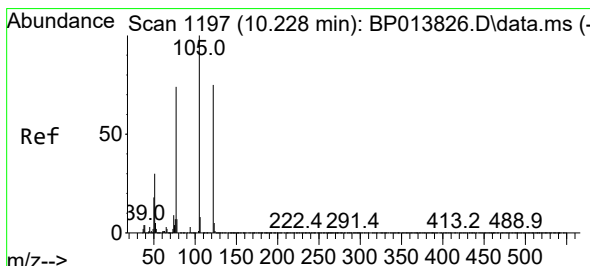
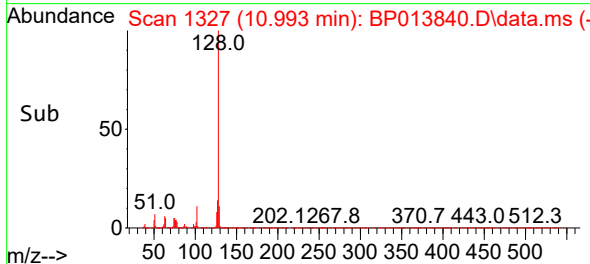
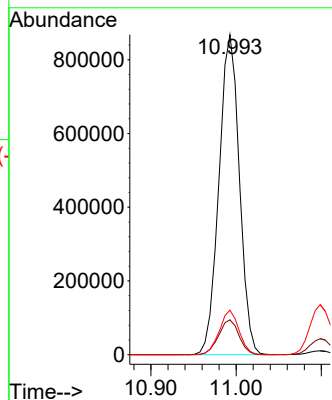
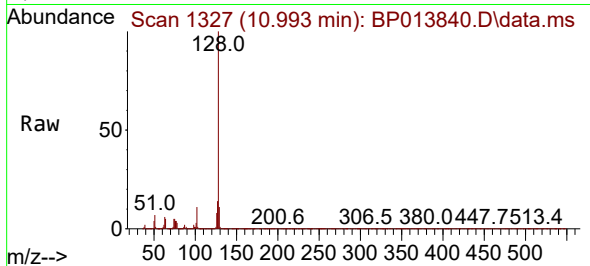




#31
Naphthalene
Concen: 42.623 ng
RT: 10.993 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

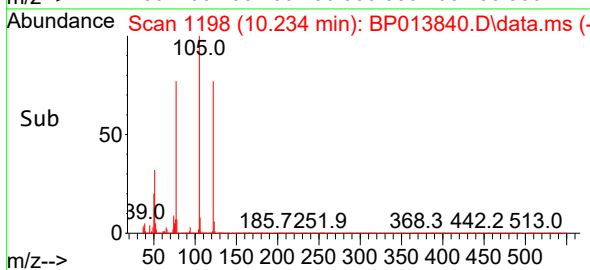
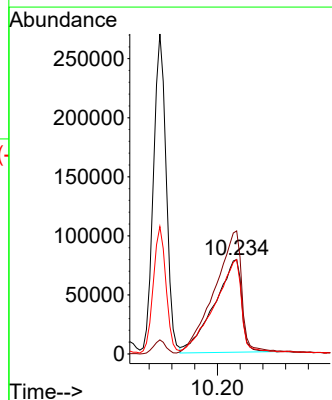
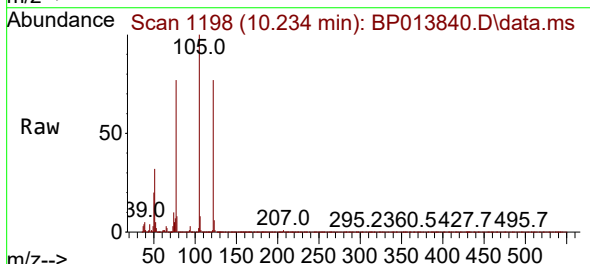
Instrument :
BNA_P
ClientSampleId :
PB150830BS

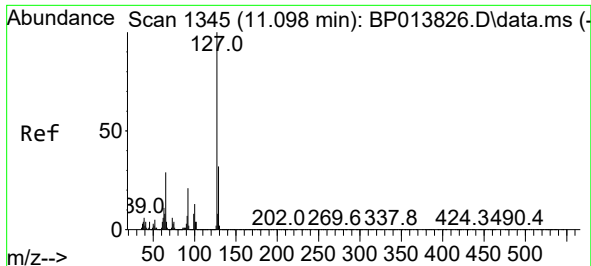
Tgt Ion:128 Resp: 1447760
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.9 10.4 15.6



#32
Benzoic acid
Concen: 37.174 ng
RT: 10.234 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:122 Resp: 261690
Ion Ratio Lower Upper
122 100
105 130.3 107.4 147.4
77 100.0 76.0 116.0

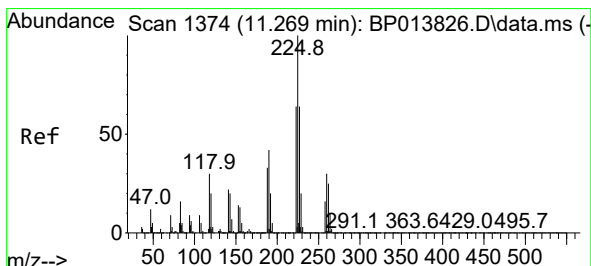
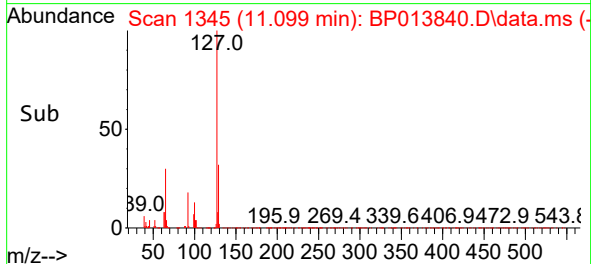
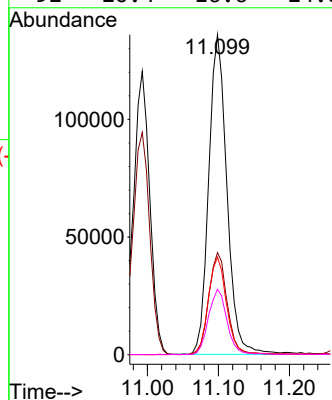
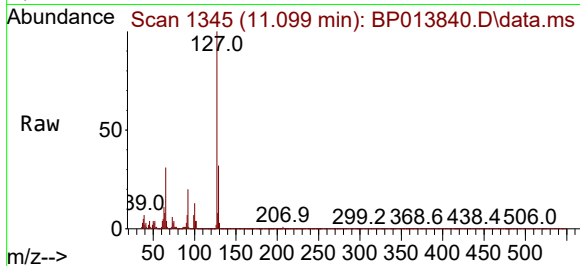




#33
4-Chloroaniline
Concen: 16.971 ng
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

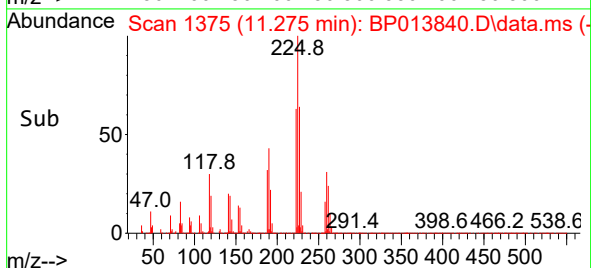
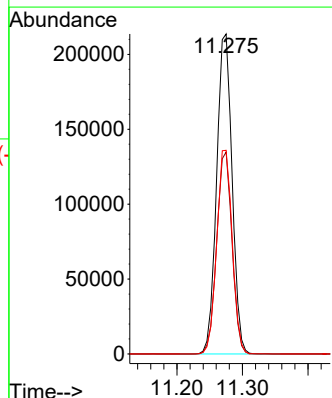
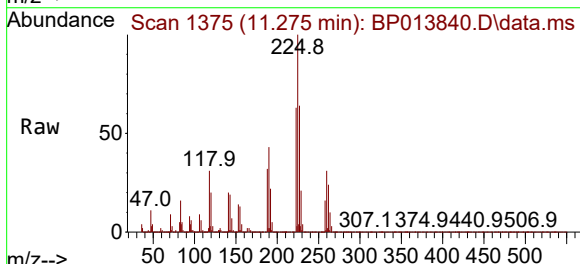
Instrument :
BNA_P
ClientSampleId :
PB150830BS

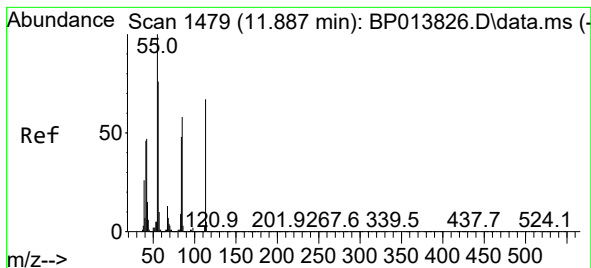
Tgt Ion:	127	Resp:	242045
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	30.5	23.4	35.2
92	20.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 44.991 ng
RT: 11.275 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:	225	Resp:	348037
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.4
227	63.6	51.6	77.4

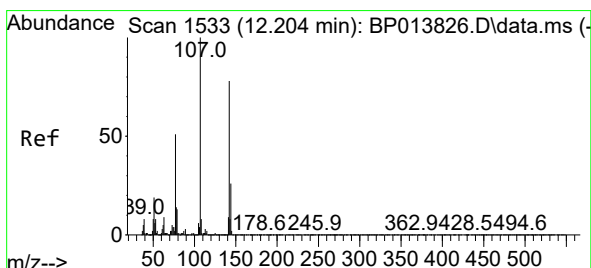
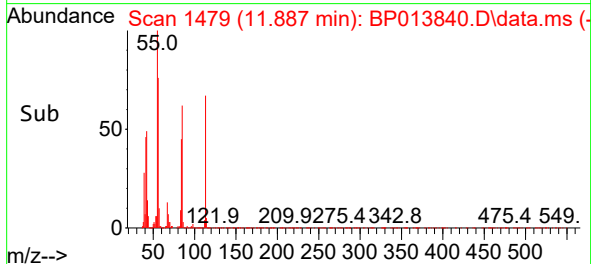
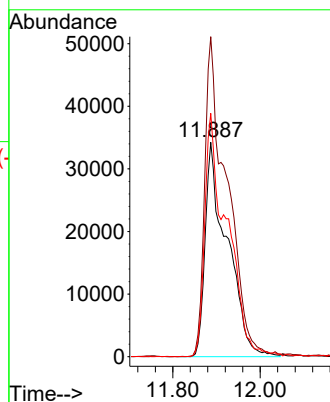
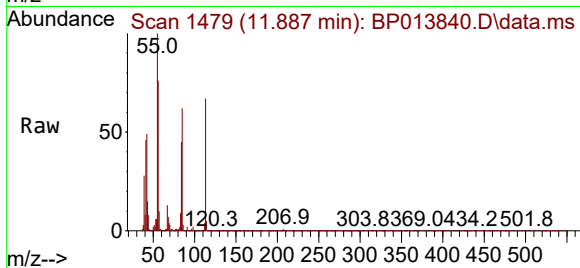




#35
Caprolactam
Concen: 37.548 ng
RT: 11.887 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

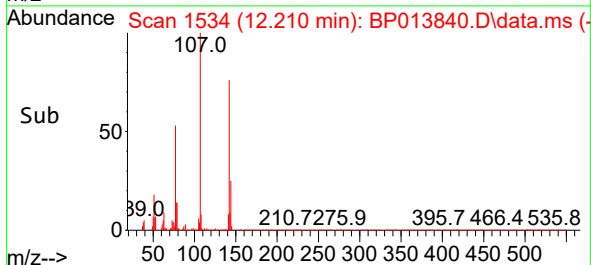
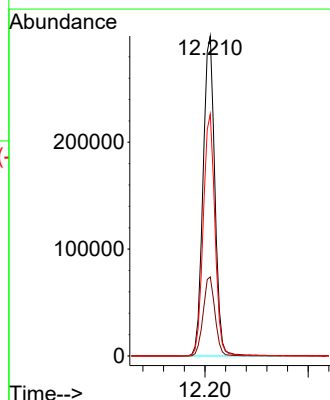
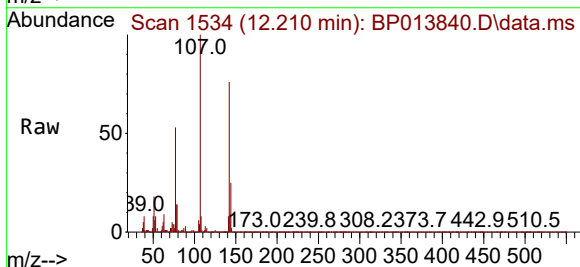
Instrument :
BNA_P
ClientSampleId :
PB150830BS

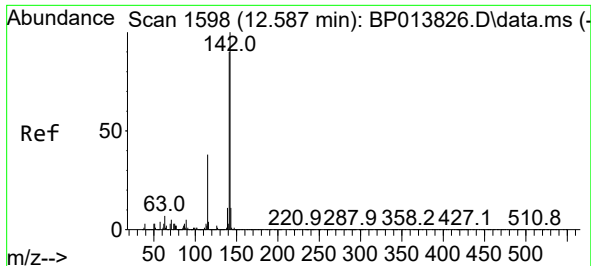
Tgt Ion:113 Resp: 118923
Ion Ratio Lower Upper
113 100
55 149.3 128.5 168.5
56 113.5 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 42.814 ng
RT: 12.210 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:107 Resp: 473256
Ion Ratio Lower Upper
107 100
144 24.7 20.4 30.6
142 75.6 62.2 93.4

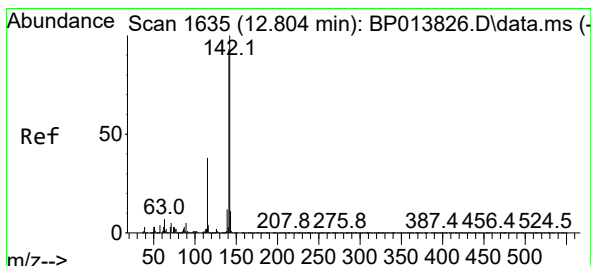
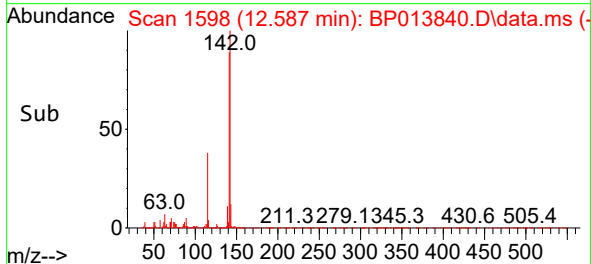
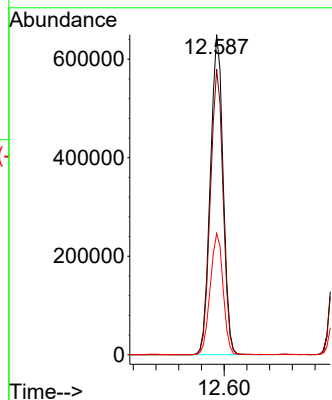
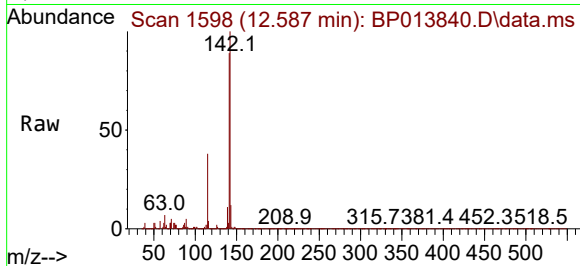




#37
2-Methylnaphthalene
Concen: 41.109 ng
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

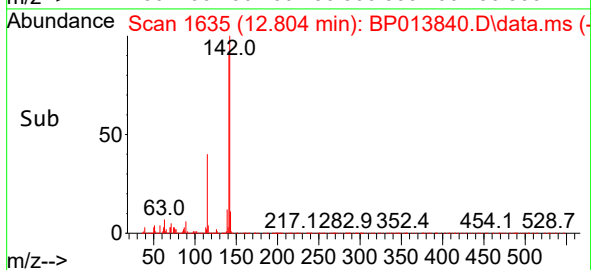
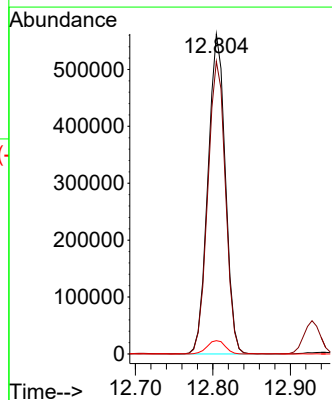
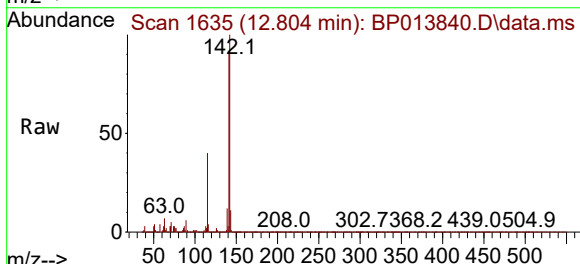
Instrument :
BNA_P
ClientSampleId :
PB150830BS

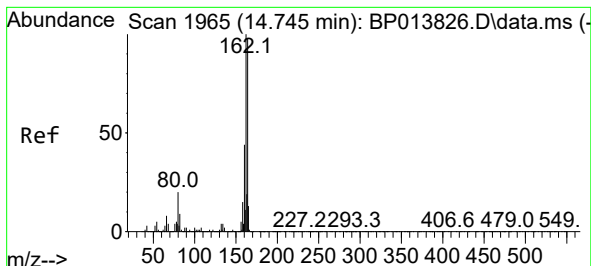
Tgt Ion:142 Resp: 1010765
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1
115 37.8 30.2 45.4



#38
1-Methylnaphthalene
Concen: 38.211 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:142 Resp: 879278
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.751 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

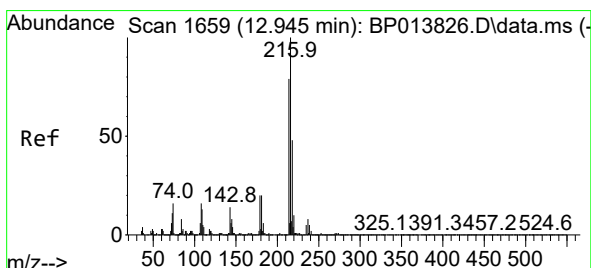
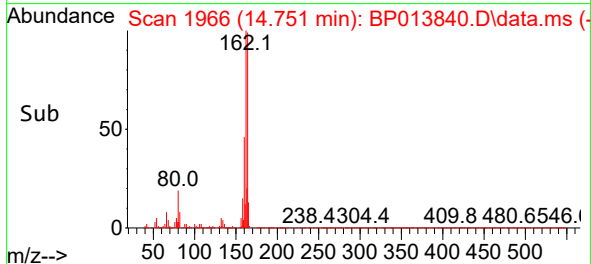
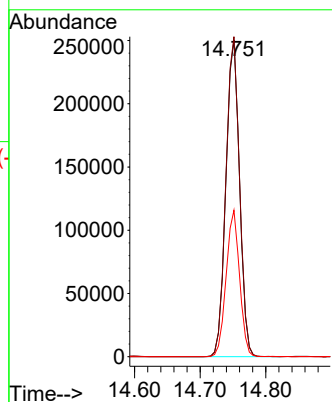
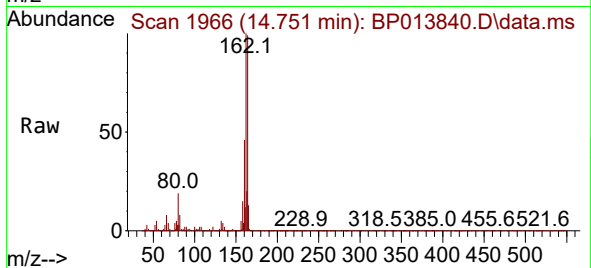
Tgt Ion:164 Resp: 359345

Ion Ratio Lower Upper

164 100

162 100.9 81.7 122.5

160 46.2 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.523 ng

RT: 12.952 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Tgt Ion:216 Resp: 564035

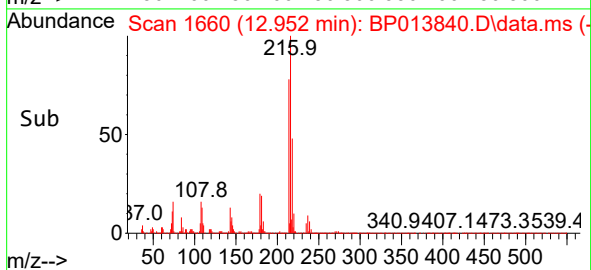
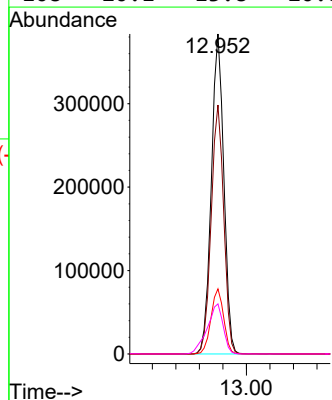
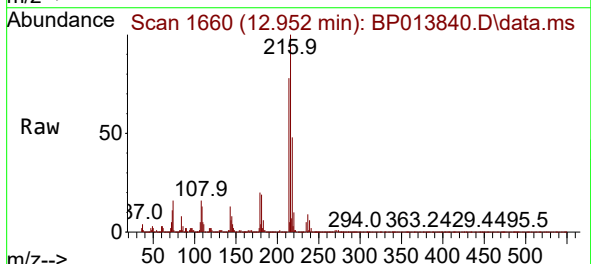
Ion Ratio Lower Upper

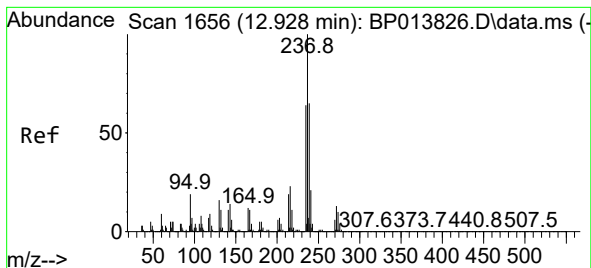
216 100

214 78.4 63.0 94.4

179 20.7 16.0 24.0

108 20.1 13.8 20.8

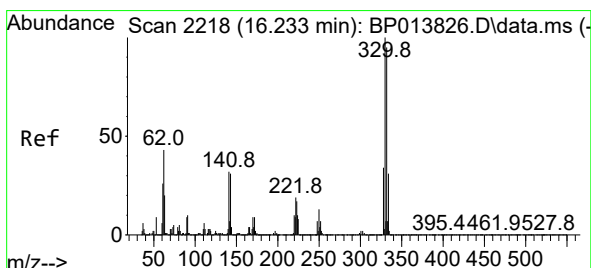
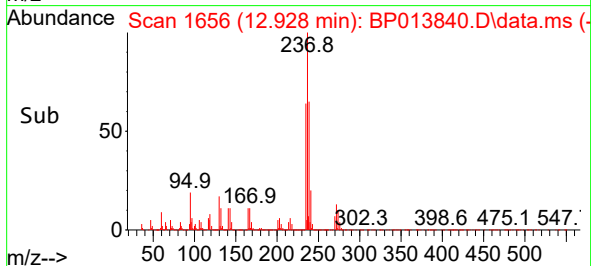
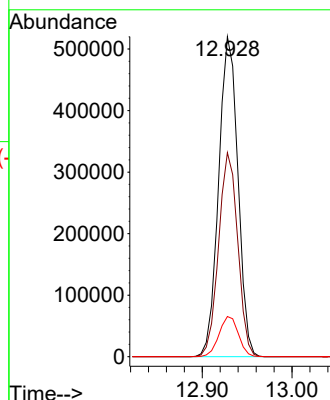
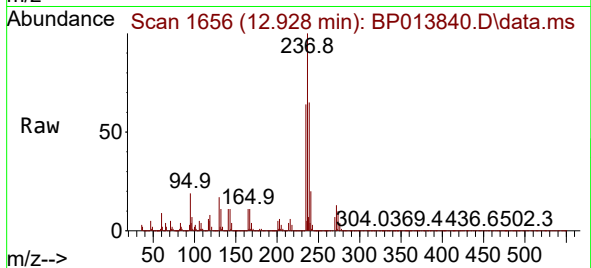




#41
Hexachlorocyclopentadiene
Concen: 112.624 ng
RT: 12.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

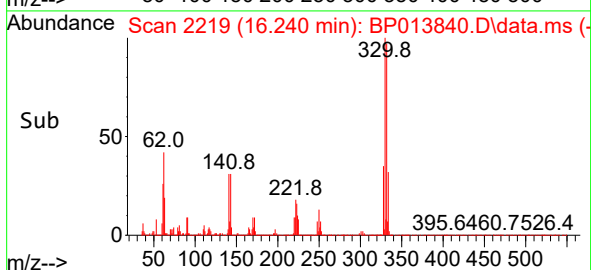
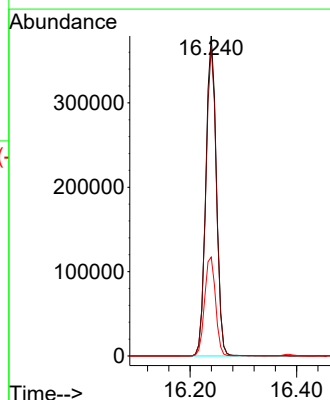
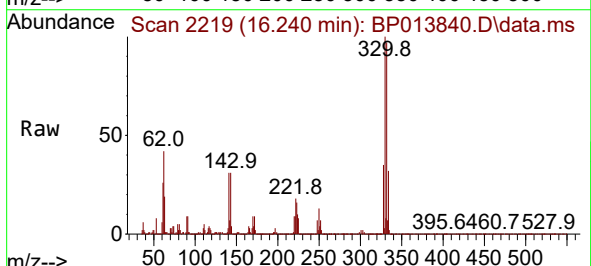
Instrument :
BNA_P
ClientSampleId :
PB150830BS

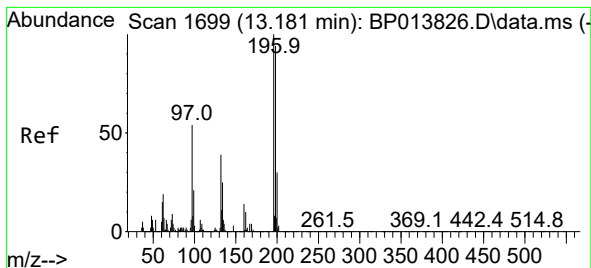
Tgt Ion:237 Resp: 775271
Ion Ratio Lower Upper
237 100
235 63.7 44.3 84.3
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 98.965 ng
RT: 16.240 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:330 Resp: 517674
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 32.3 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 44.932 ng

RT: 13.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

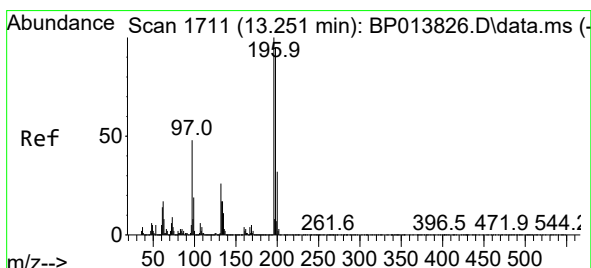
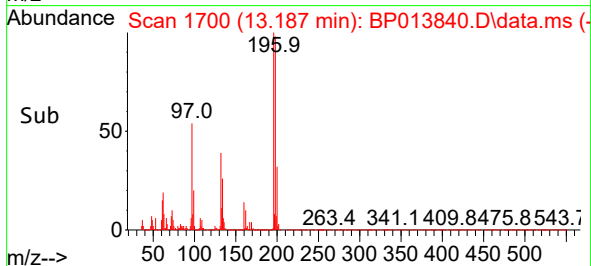
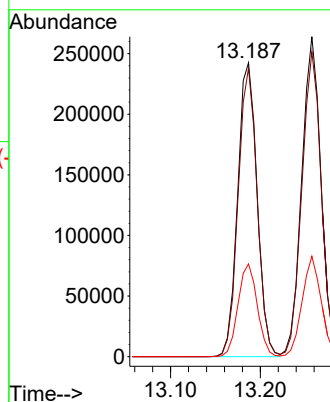
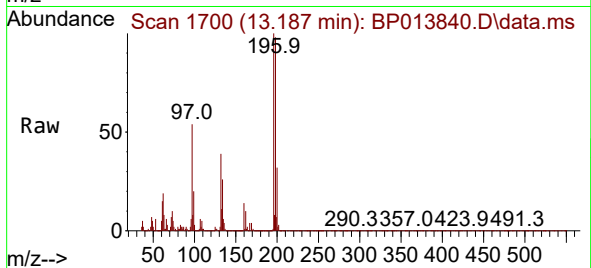
Tgt Ion:196 Resp: 364265

Ion Ratio Lower Upper

196 100

198 98.2 75.5 113.3

200 31.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 41.204 ng

RT: 13.257 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Tgt Ion:196 Resp: 397015

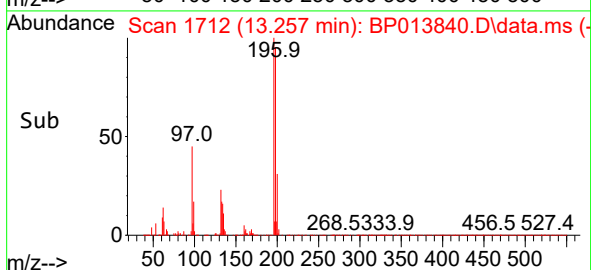
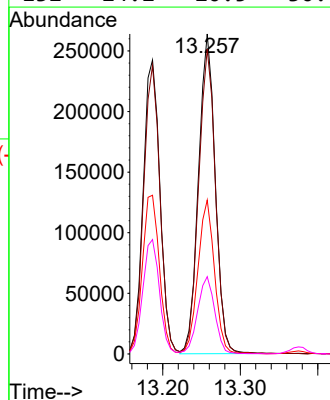
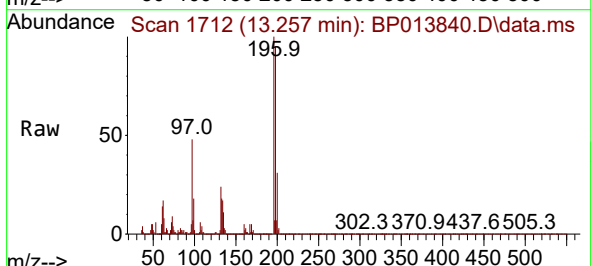
Ion Ratio Lower Upper

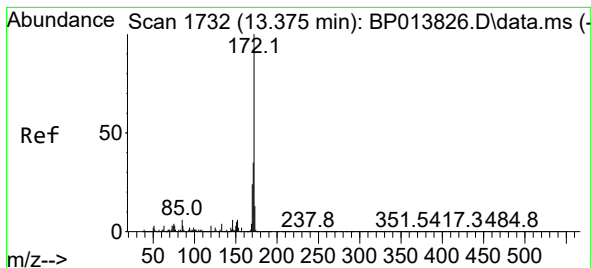
196 100

198 95.3 76.1 114.1

97 48.1 38.8 58.2

132 24.2 20.5 30.7





#45

2-Fluorobiphenyl

Concen: 68.408 ng

RT: 13.375 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

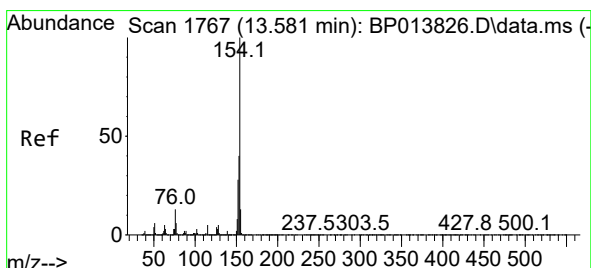
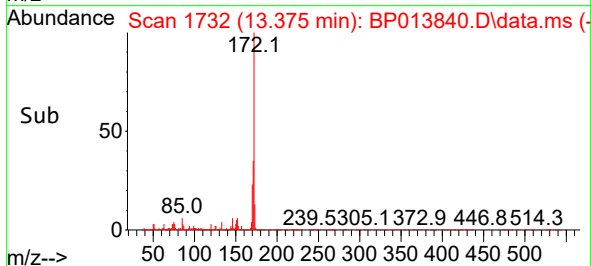
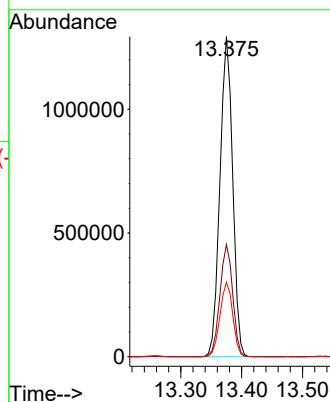
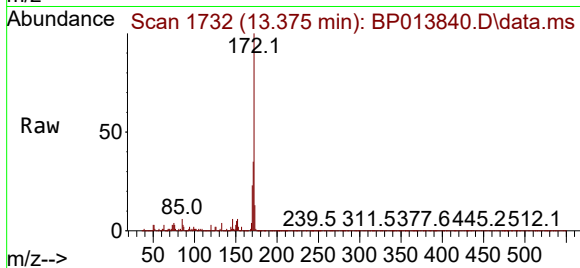
Tgt Ion:172 Resp: 1871534

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.234 ng

RT: 13.587 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

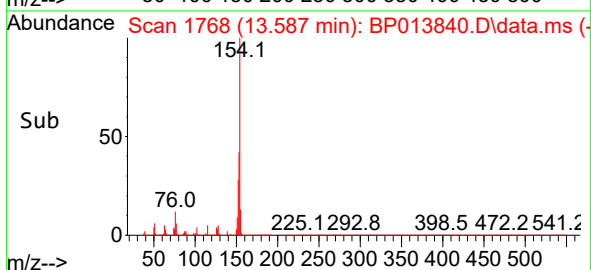
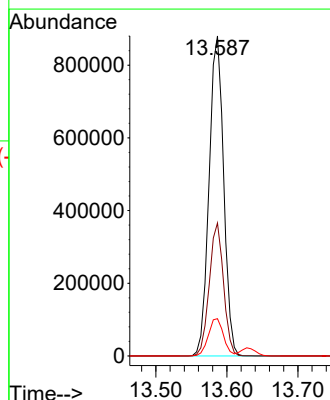
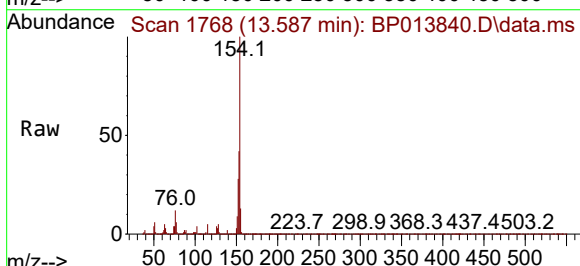
Tgt Ion:154 Resp: 1255696

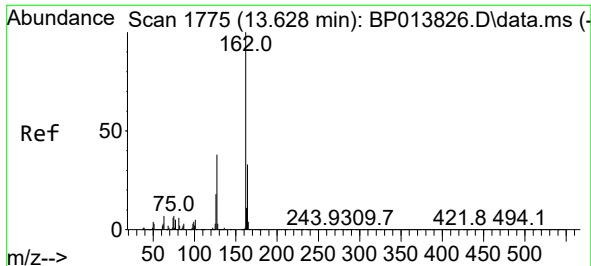
Ion Ratio Lower Upper

154 100

153 41.5 19.9 59.9

76 11.6 0.0 32.8

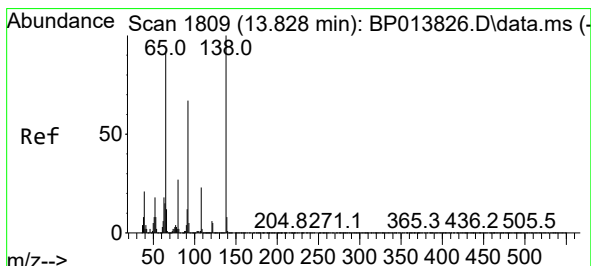
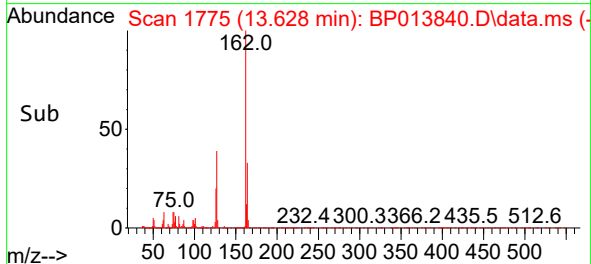
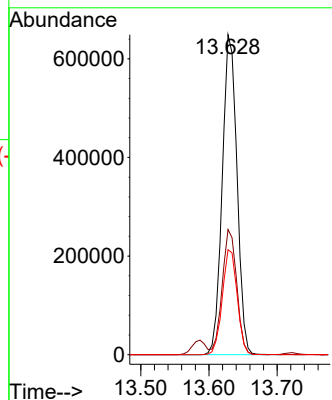
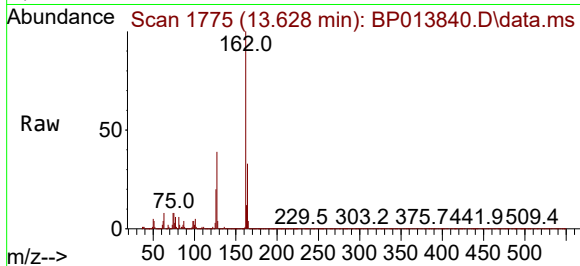




#47
2-Chloronaphthalene
Concen: 44.111 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

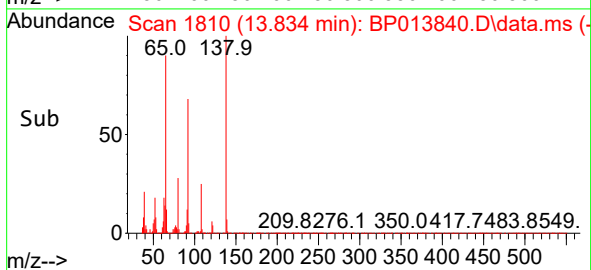
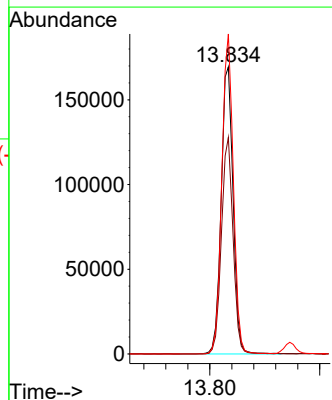
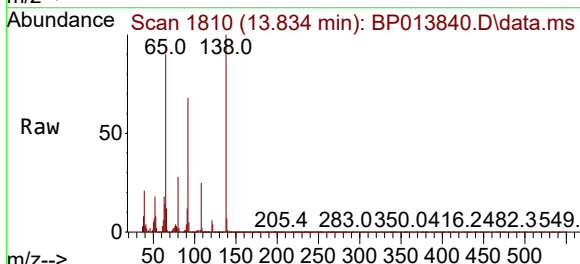
Instrument :
BNA_P
ClientSampleId :
PB150830BS

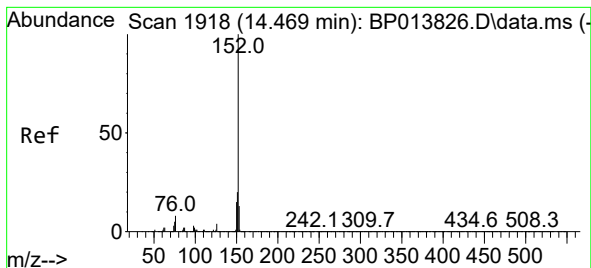
Tgt Ion:162 Resp: 976060
Ion Ratio Lower Upper
162 100
127 39.1 30.8 46.2
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 41.012 ng
RT: 13.834 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion: 65 Resp: 254585
Ion Ratio Lower Upper
65 100
92 75.4 58.7 88.1
138 111.5 87.3 130.9





#49

Acenaphthylene

Concen: 43.299 ng

RT: 14.475 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

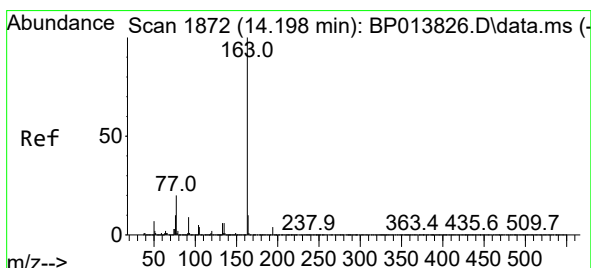
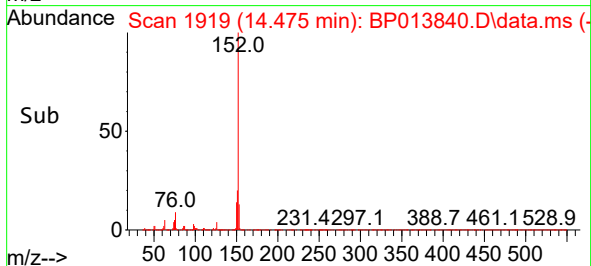
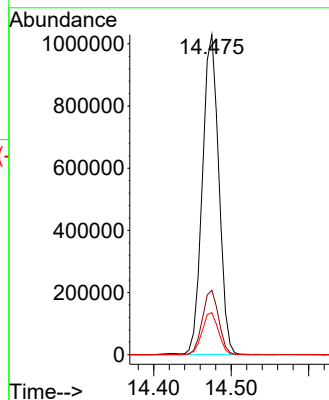
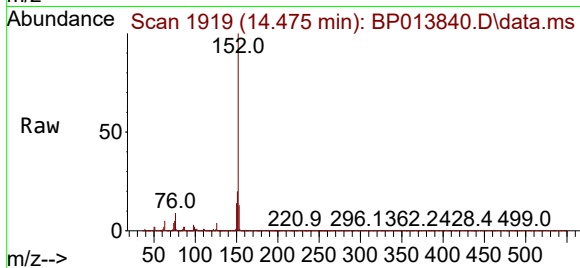
Tgt Ion:152 Resp: 1510277

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 40.969 ng

RT: 14.198 min Scan# 1872

Delta R.T. 0.000 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

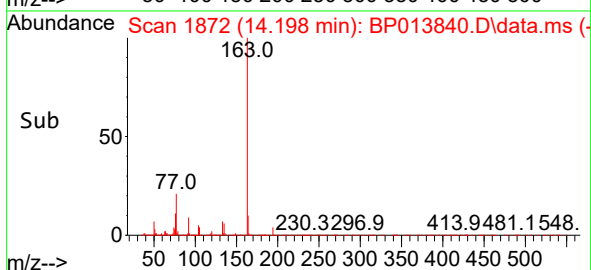
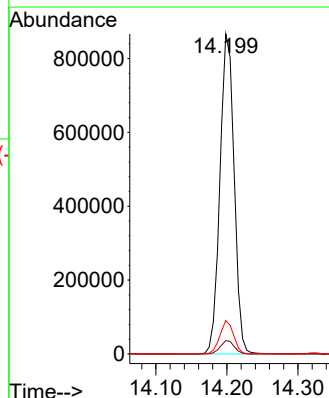
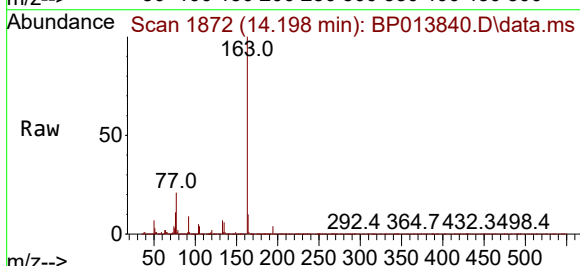
Tgt Ion:163 Resp: 1197962

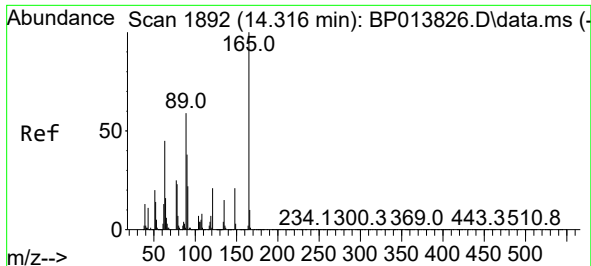
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 8.0 12.0

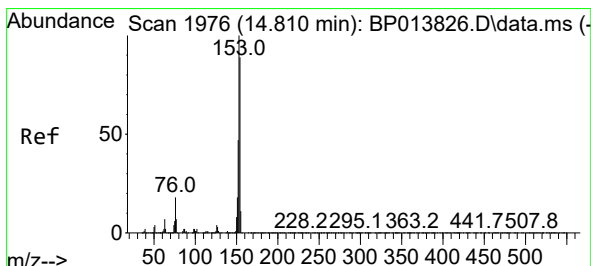
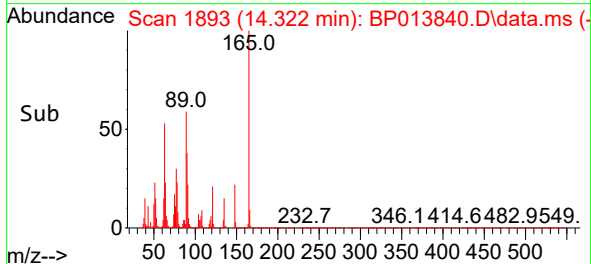
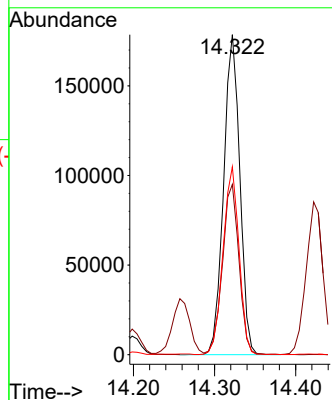
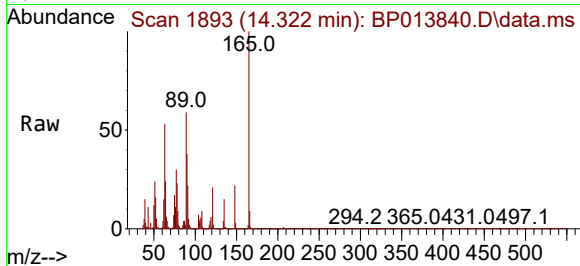




#51
2,6-Dinitrotoluene
Concen: 39.126 ng
RT: 14.322 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

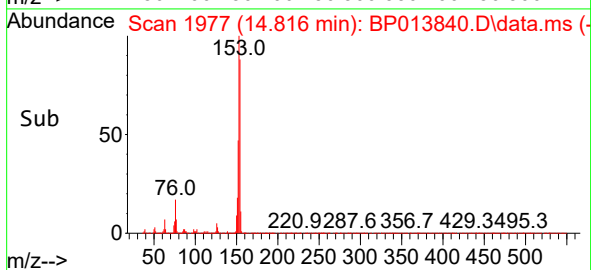
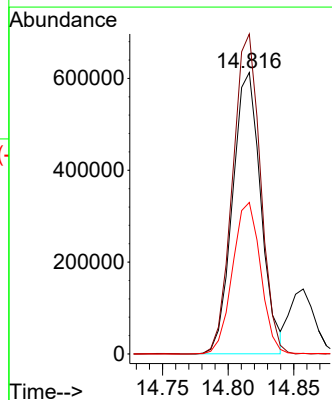
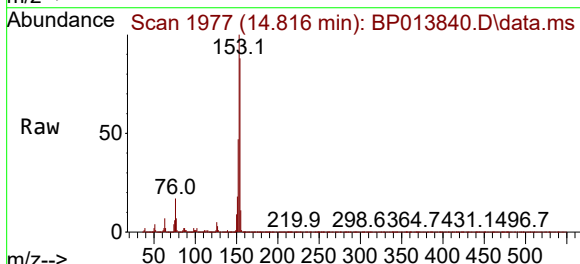
Instrument :
BNA_P
ClientSampleId :
PB150830BS

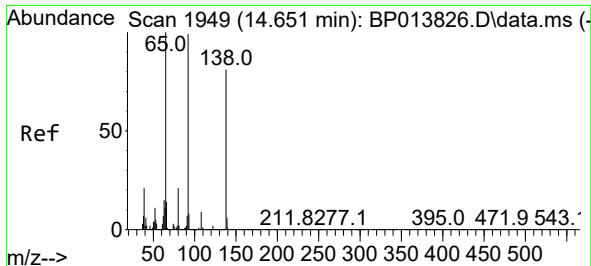
Tgt Ion:165 Resp: 247672
Ion Ratio Lower Upper
165 100
63 53.2 42.6 63.8
89 58.7 47.1 70.7



#52
Acenaphthene
Concen: 43.402 ng
RT: 14.816 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:154 Resp: 921222
Ion Ratio Lower Upper
154 100
153 113.7 90.4 135.6
152 53.8 42.6 64.0

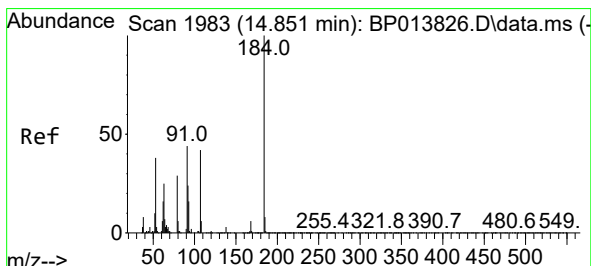
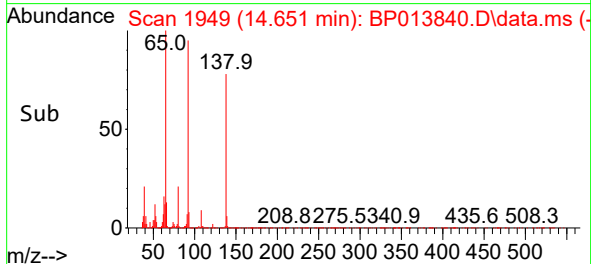
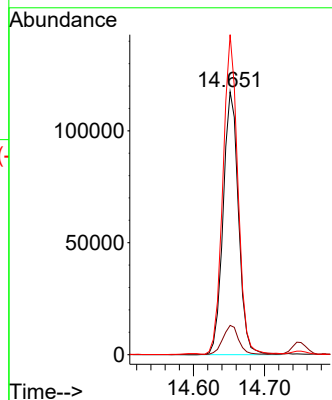
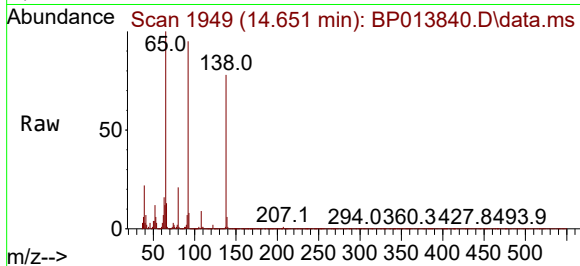




#53
3-Nitroaniline
Concen: 27.344 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

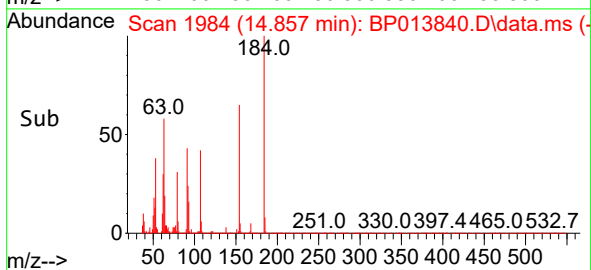
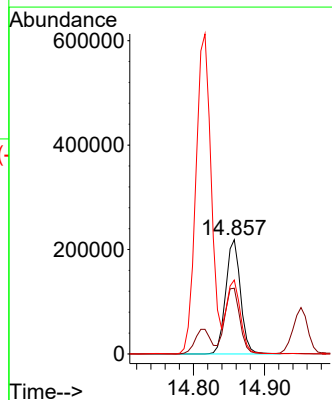
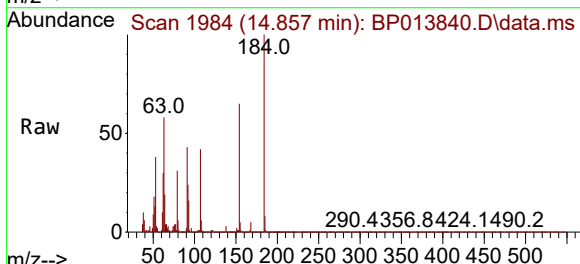
Instrument :
BNA_P
ClientSampleId :
PB150830BS

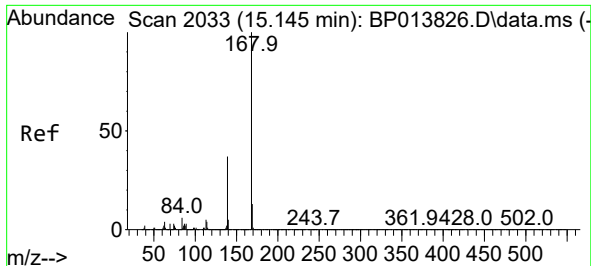
Tgt Ion:138 Resp: 175902
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 121.7 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 75.382 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:184 Resp: 315476
Ion Ratio Lower Upper
184 100
63 57.5 47.0 70.4
154 64.7 51.5 77.3

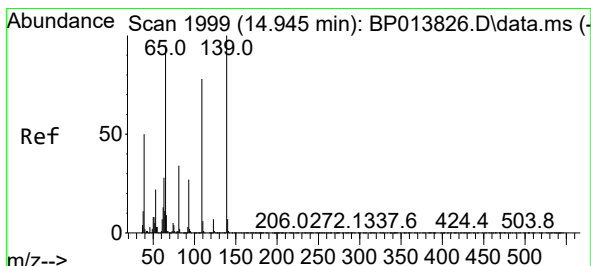
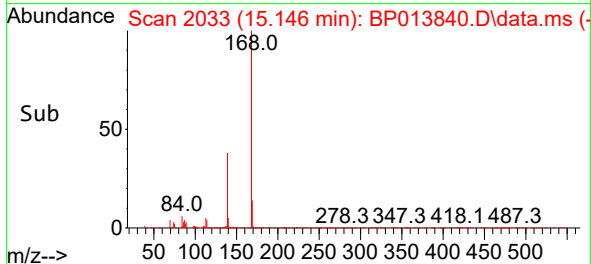
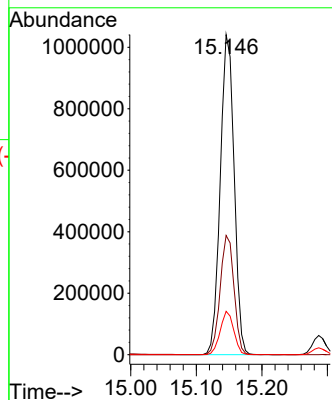
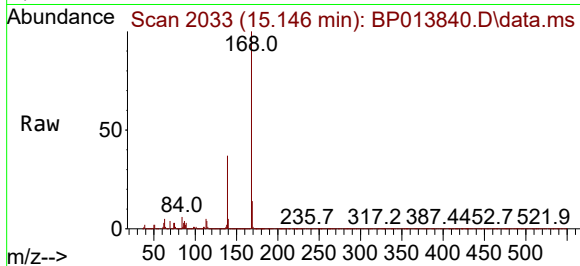




#55
Dibenzofuran
Concen: 43.094 ng
RT: 15.146 min Scan# 2033
Delta R.T. 0.001 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

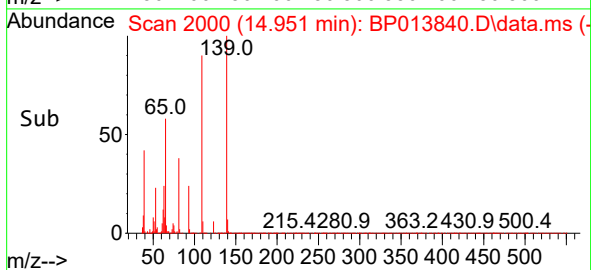
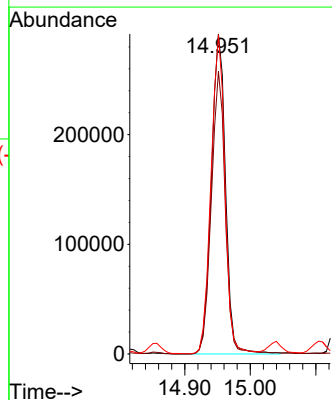
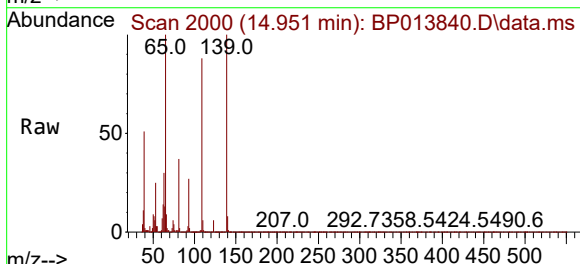
Instrument :
BNA_P
ClientSampleId :
PB150830BS

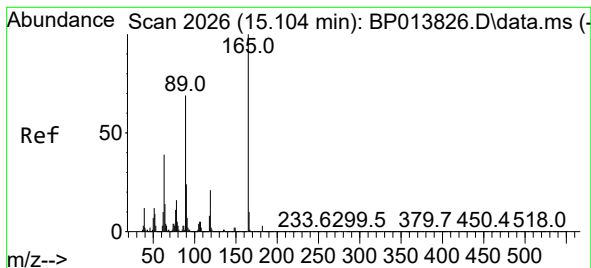
Tgt Ion:168 Resp: 1521935
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 83.859 ng
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:139 Resp: 438319
Ion Ratio Lower Upper
139 100
109 88.3 58.2 98.2
65 99.8 74.9 114.9

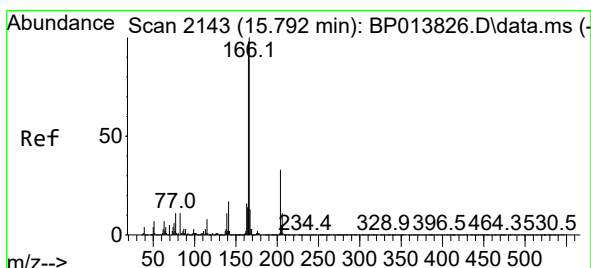
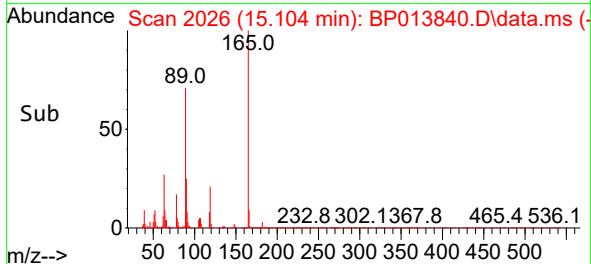
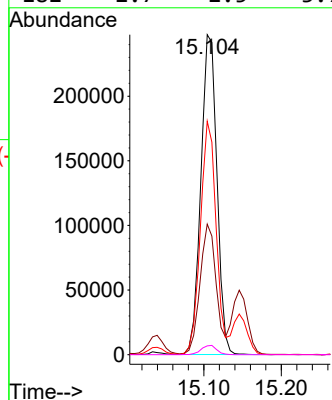
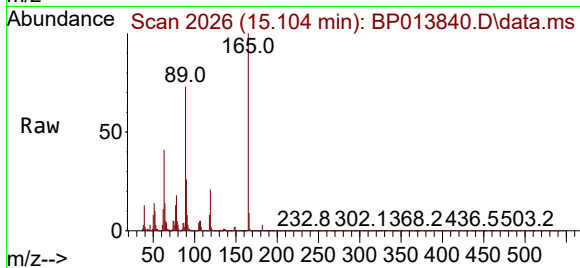




#57
2,4-Dinitrotoluene
Concen: 41.659 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

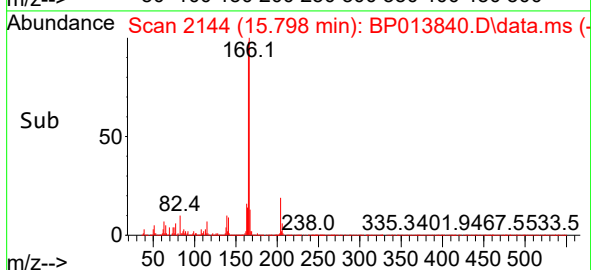
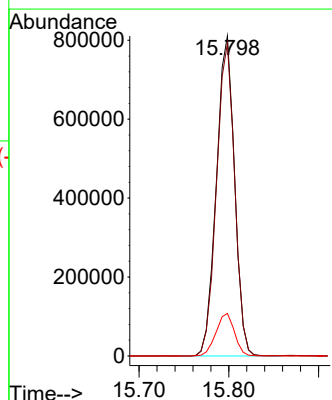
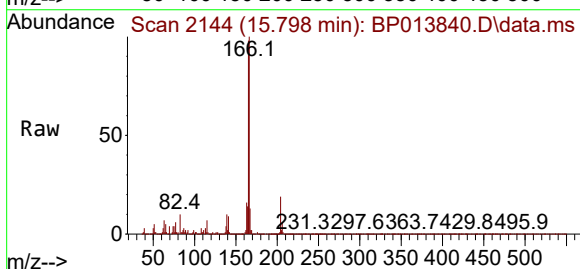
Instrument :
BNA_P
ClientSampleId :
PB150830BS

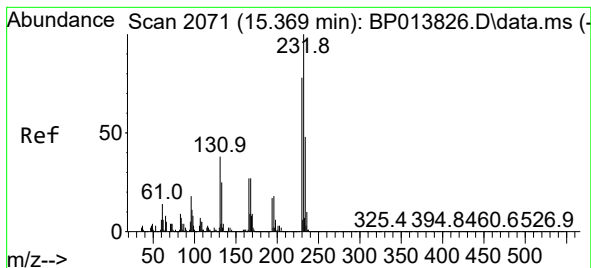
Tgt Ion:165 Resp: 355674
Ion Ratio Lower Upper
165 100
63 40.8 31.1 46.7
89 73.0 54.9 82.3
182 2.7 2.5 3.7



#58
Fluorene
Concen: 41.160 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:166 Resp: 1139778
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.3 10.7 16.1

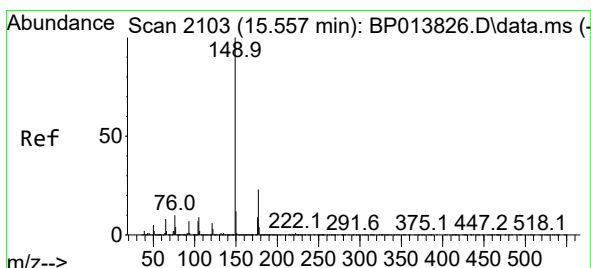
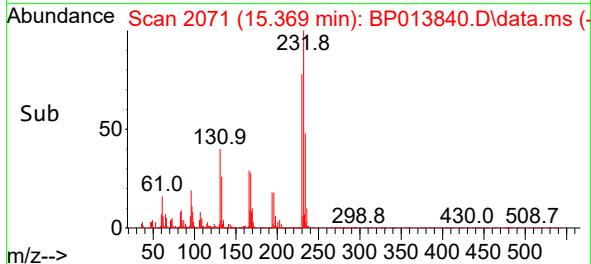
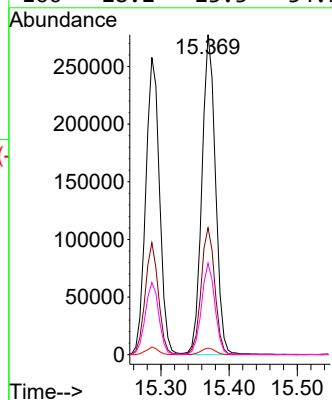
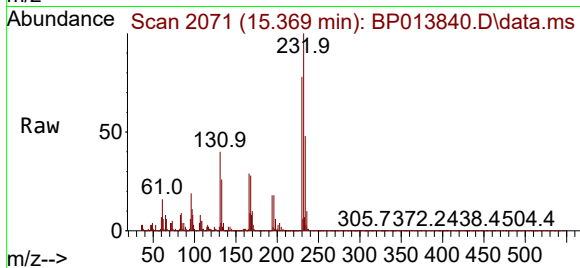




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.320 ng
RT: 15.369 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

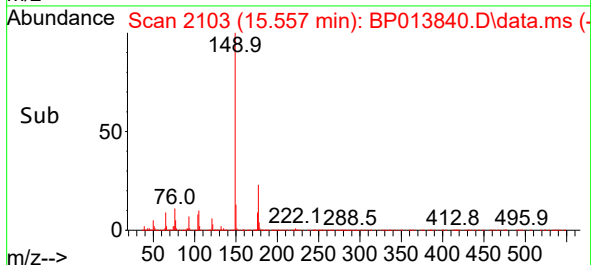
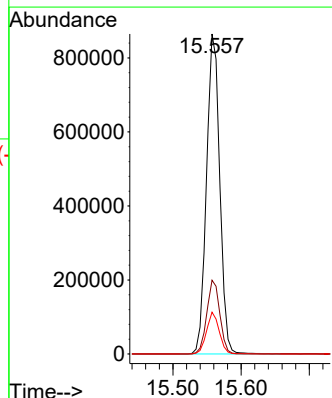
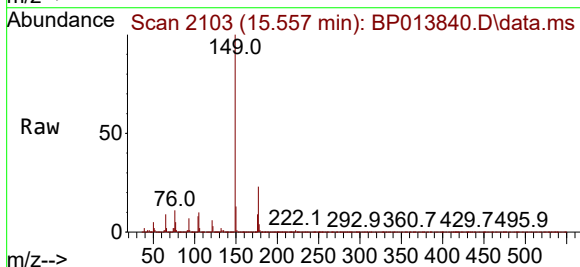
Instrument :
BNA_P
ClientSampleId :
PB150830BS

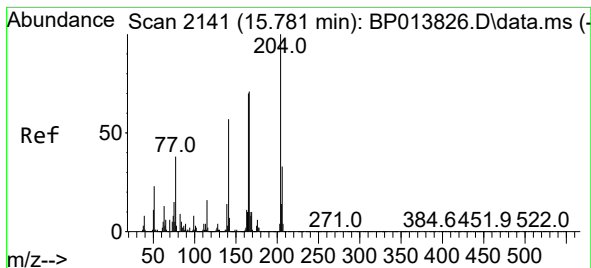
Tgt Ion:232 Resp: 384222
Ion Ratio Lower Upper
232 100
131 40.0 31.7 47.5
130 2.2 1.7 2.5
166 28.2 23.3 34.9



#60
Diethylphthalate
Concen: 40.987 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:149 Resp: 1168685
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 13.0 9.8 14.8

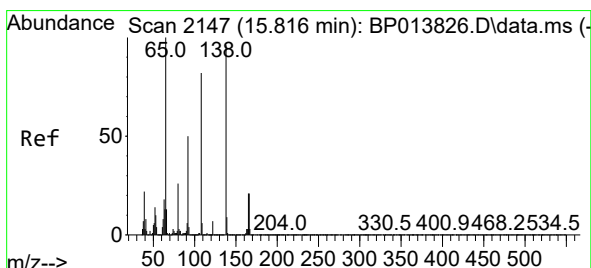
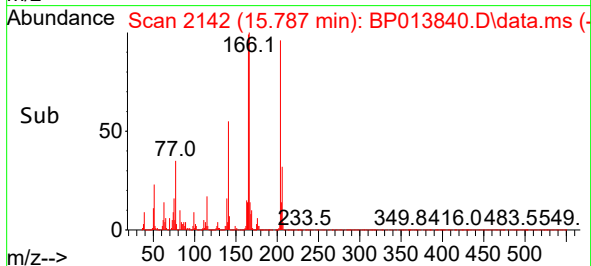
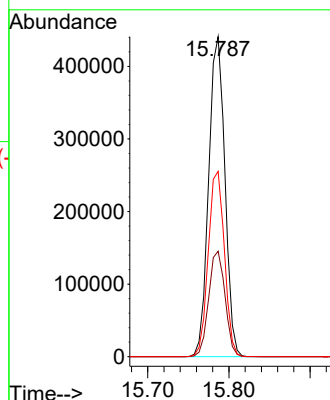
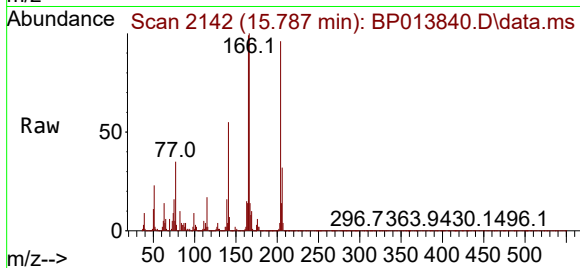




#61
4-Chlorophenyl-phenylether
Concen: 40.642 ng
RT: 15.787 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

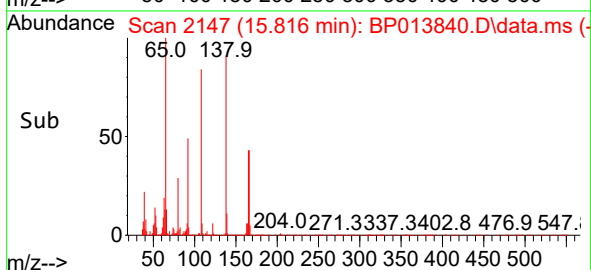
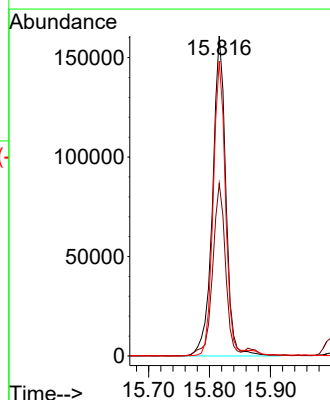
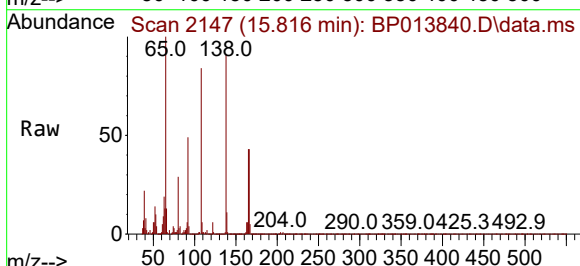
Instrument :
BNA_P
ClientSampleId :
PB150830BS

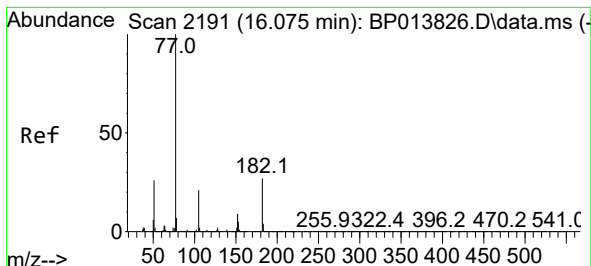
Tgt Ion:204 Resp: 609790
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 57.9 45.3 67.9



#62
4-Nitroaniline
Concen: 36.275 ng
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:138 Resp: 243750
Ion Ratio Lower Upper
138 100
92 53.9 32.0 72.0
108 92.1 65.6 105.6





#63

Azobenzene

Concen: 43.280 ng

RT: 16.081 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

Tgt Ion: 77 Resp: 1116498

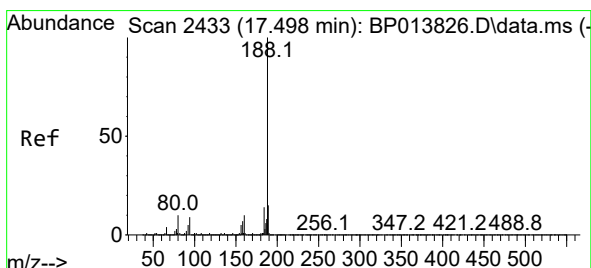
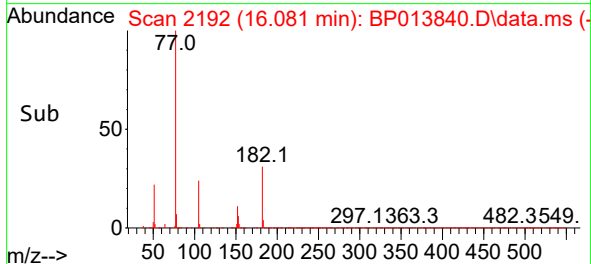
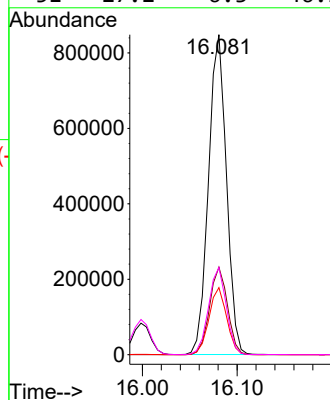
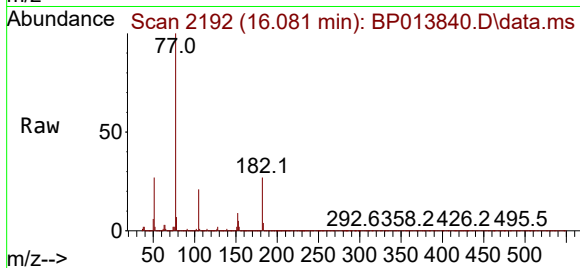
Ion Ratio Lower Upper

77 100

182 27.4 6.9 46.9

105 20.9 1.1 41.1

51 27.2 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

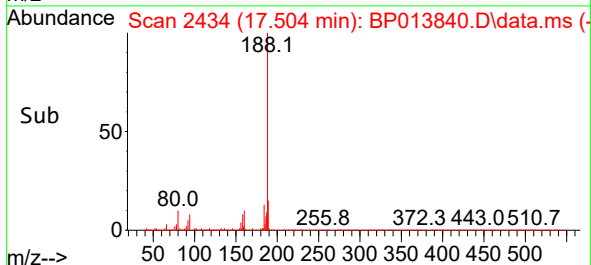
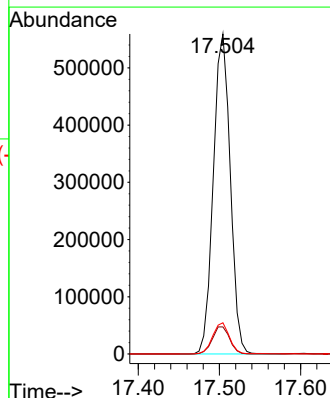
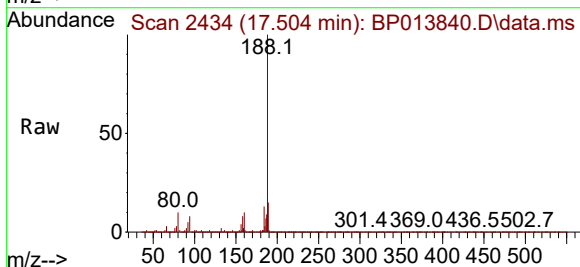
Tgt Ion:188 Resp: 809735

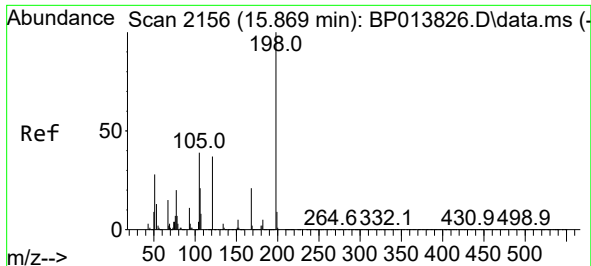
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.8 7.8 11.8

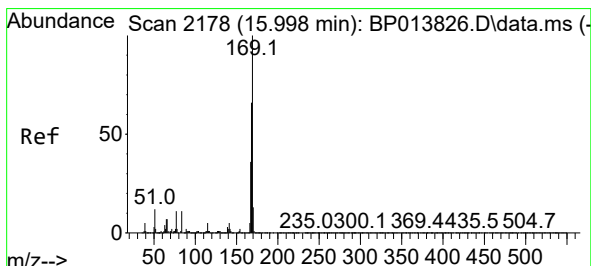
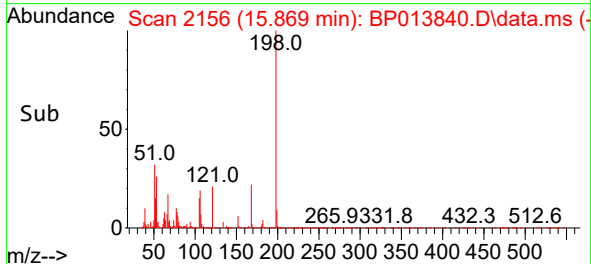
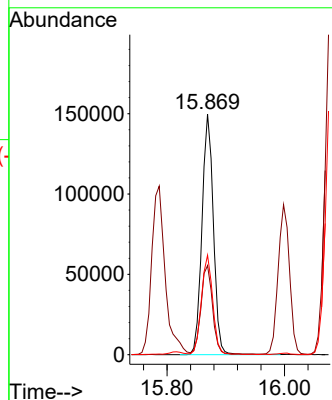
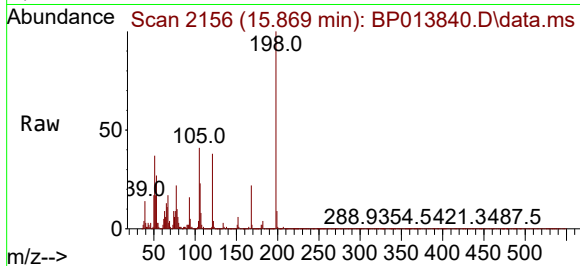




#65
4,6-Dinitro-2-methylphenol
Concen: 36.474 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

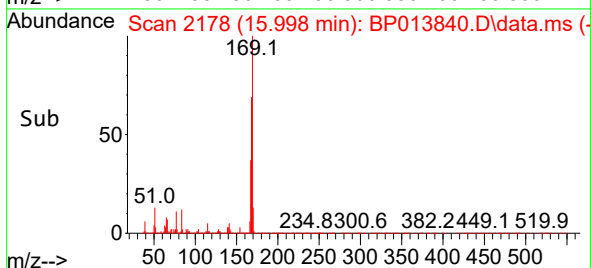
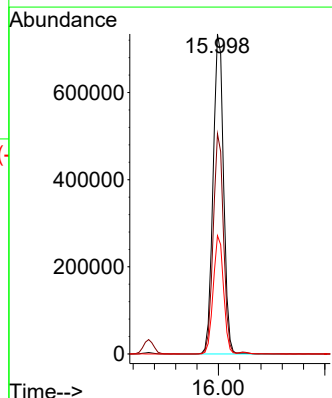
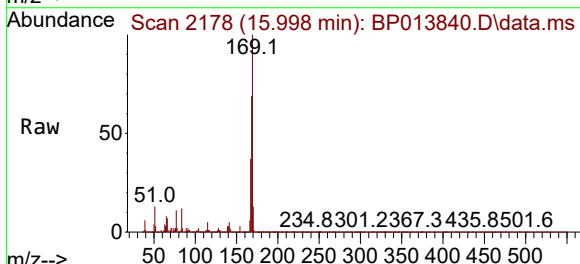
Instrument :
BNA_P
ClientSampleId :
PB150830BS

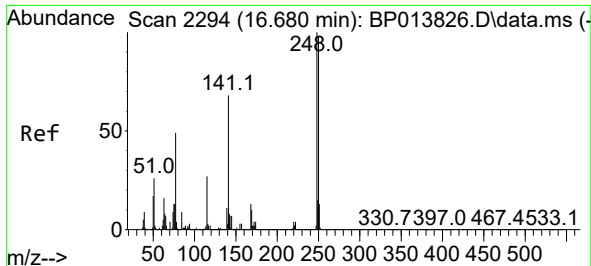
Tgt Ion:198 Resp: 201273
Ion Ratio Lower Upper
198 100
51 37.0 14.3 54.3
105 41.4 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 40.878 ng
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:169 Resp: 1002606
Ion Ratio Lower Upper
169 100
168 68.8 53.0 79.6
167 36.9 29.0 43.4

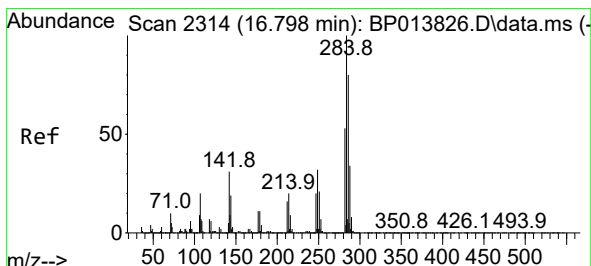
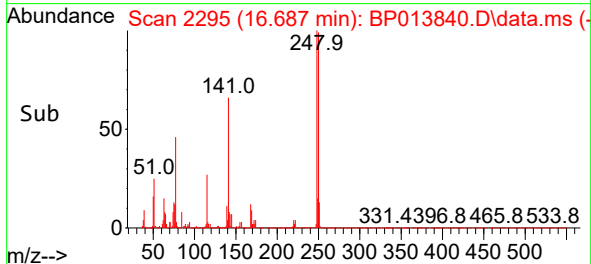
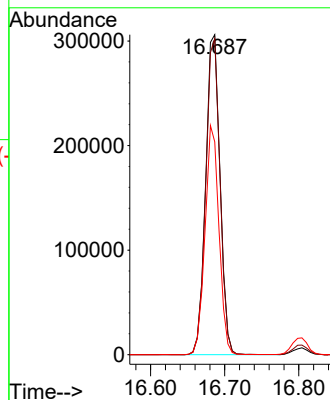
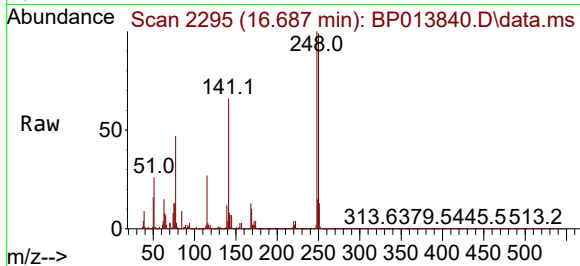




#67
4-Bromophenyl-phenylether
Concen: 43.366 ng
RT: 16.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

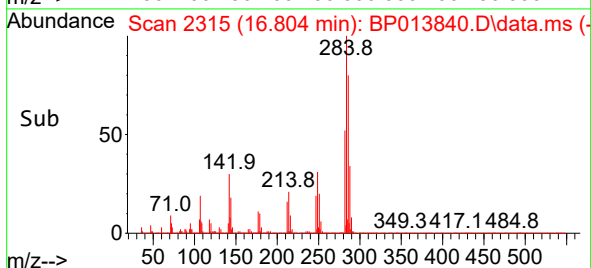
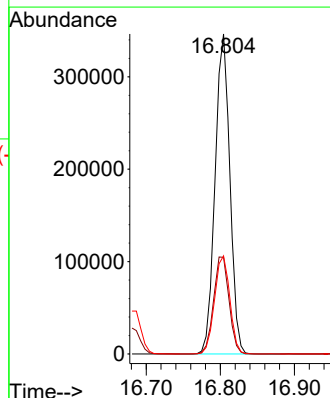
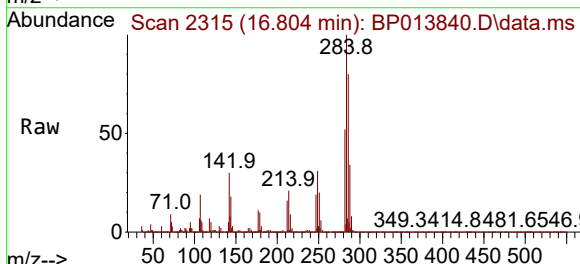
Instrument :
BNA_P
ClientSampleId :
PB150830BS

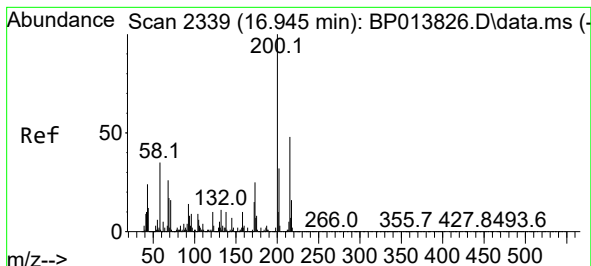
Tgt Ion:248 Resp: 414468
Ion Ratio Lower Upper
248 100
250 98.7 78.1 117.1
141 66.5 54.3 81.5



#68
Hexachlorobenzene
Concen: 45.913 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:284 Resp: 479003
Ion Ratio Lower Upper
284 100
142 30.2 24.8 37.2
249 30.6 25.8 38.6





#69

Atrazine

Concen: 46.601 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

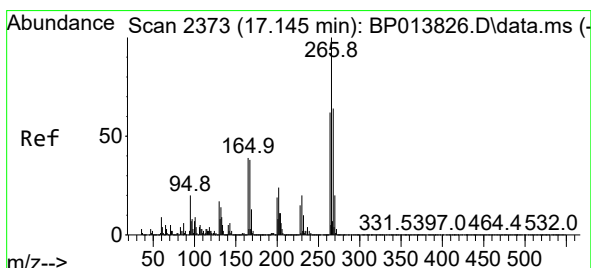
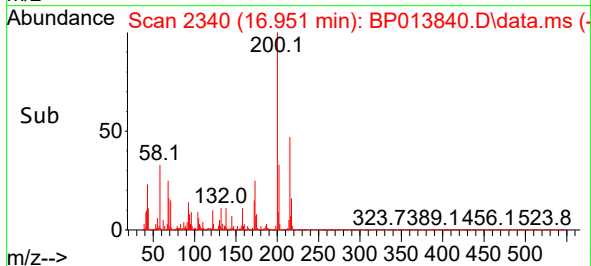
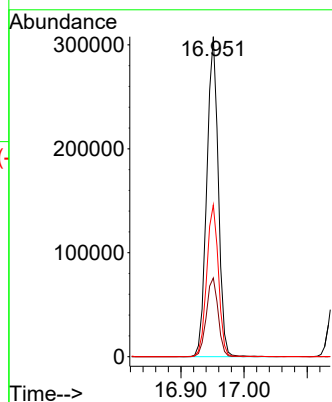
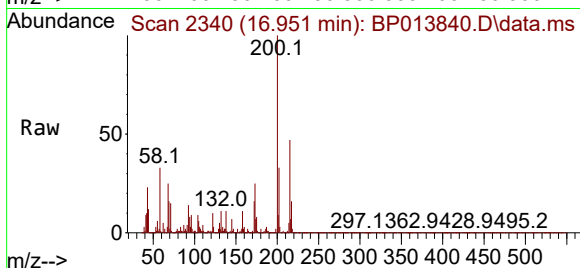
Tgt Ion:200 Resp: 389693

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

215 47.4 28.4 68.4



#70

Pentachlorophenol

Concen: 77.972 ng

RT: 17.145 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

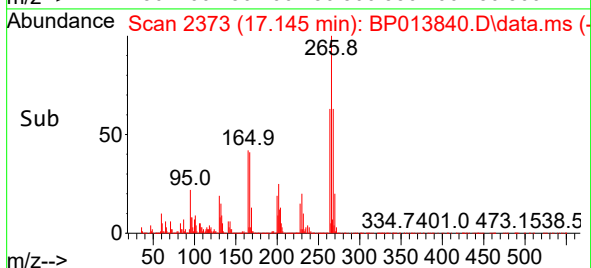
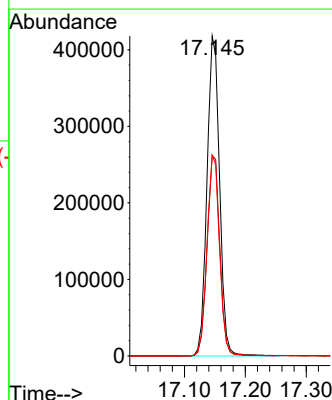
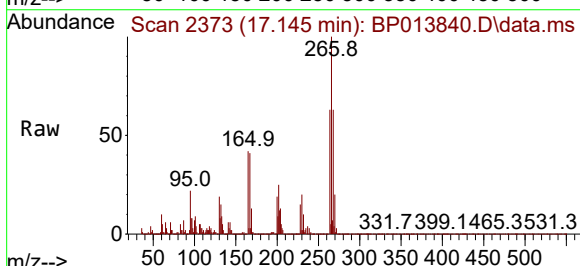
Tgt Ion:266 Resp: 599745

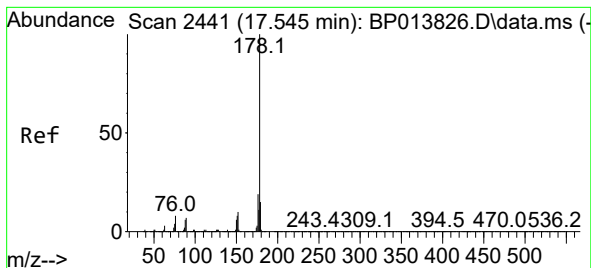
Ion Ratio Lower Upper

266 100

268 62.7 50.9 76.3

264 62.8 49.4 74.0





#71

Phenanthrene

Concen: 42.140 ng

RT: 17.545 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

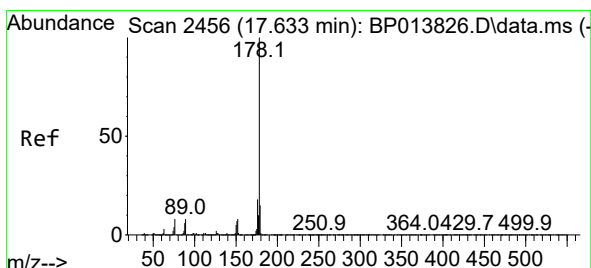
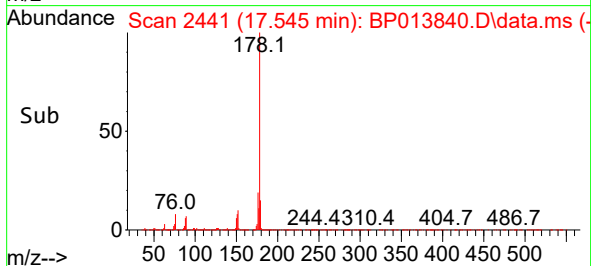
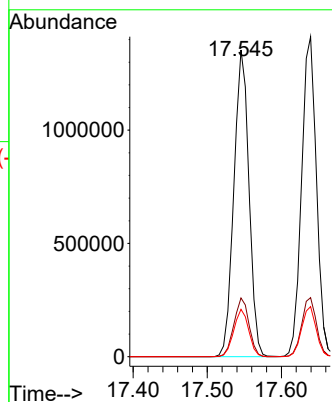
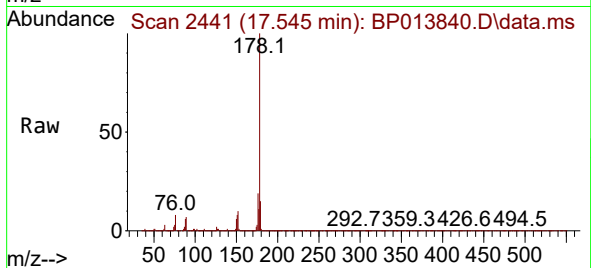
Tgt Ion:178 Resp: 1911584

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 43.612 ng

RT: 17.640 min Scan# 2457

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

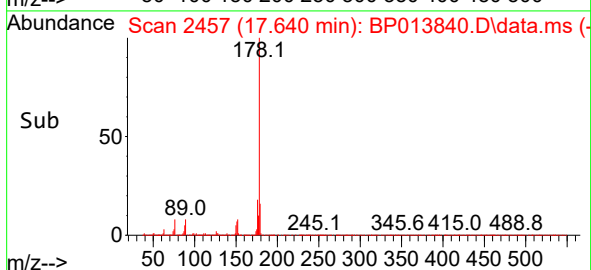
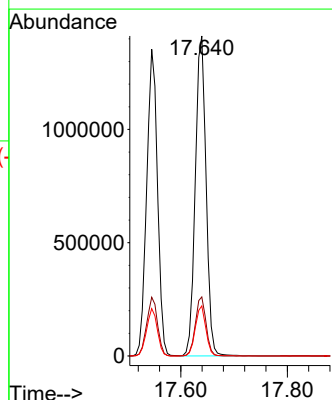
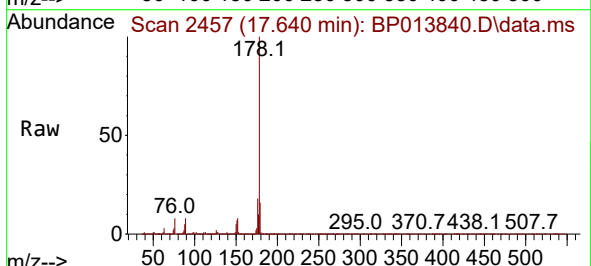
Tgt Ion:178 Resp: 1978188

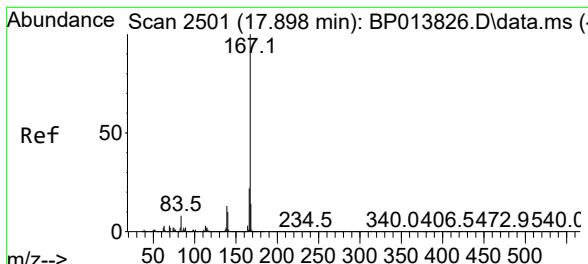
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.6 12.4 18.6



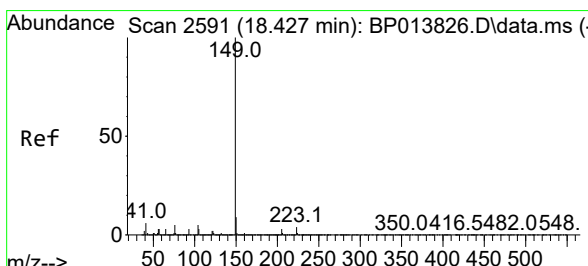
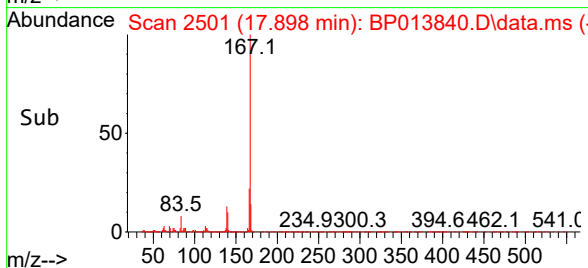
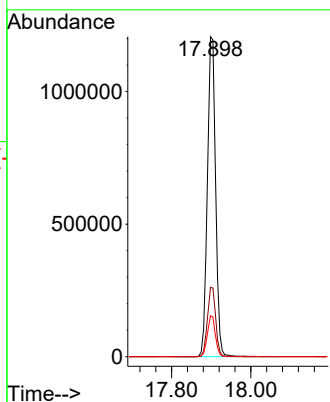
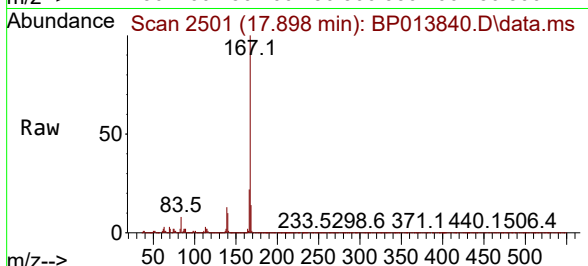


#73
 Carbazole
 Concen: 42.551 ng
 RT: 17.898 min Scan# 2501
 Delta R.T. 0.000 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

Instrument :
 BNA_P
 ClientSampleId :
 PB150830BS

Tgt Ion:167 Resp: 1737564

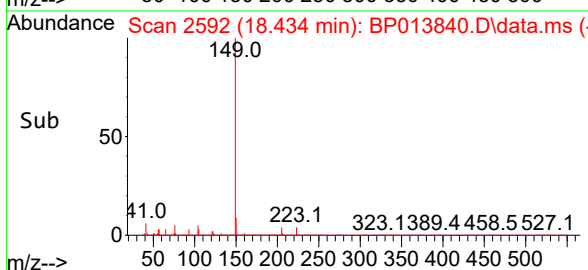
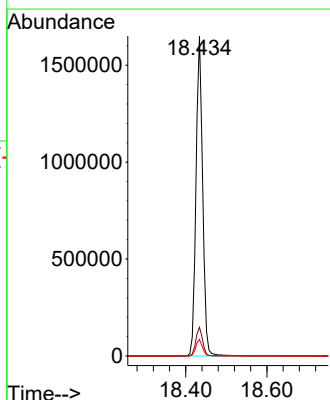
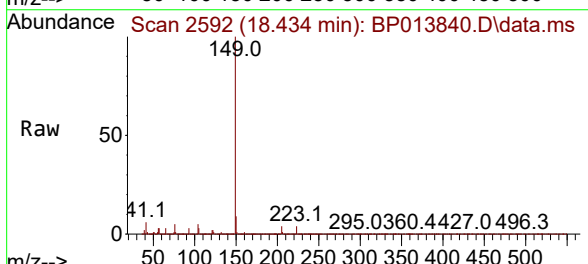
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.8	10.2	15.2

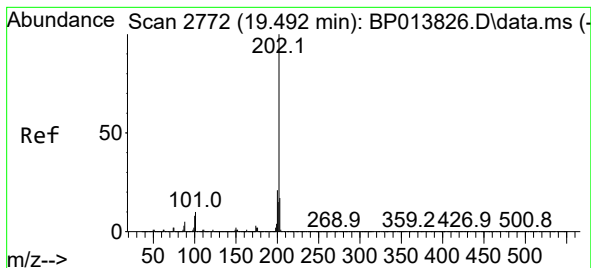


#74
 Di-n-butylphthalate
 Concen: 39.674 ng
 RT: 18.434 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

Tgt Ion:149 Resp: 1898121

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 37.562 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

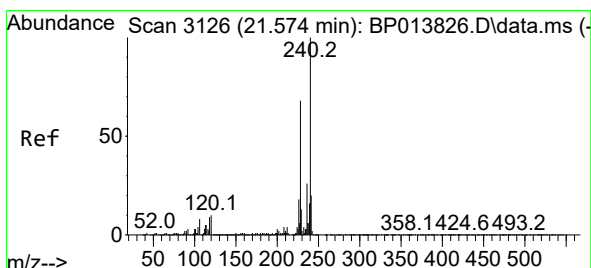
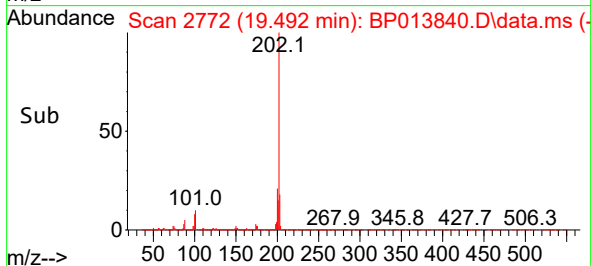
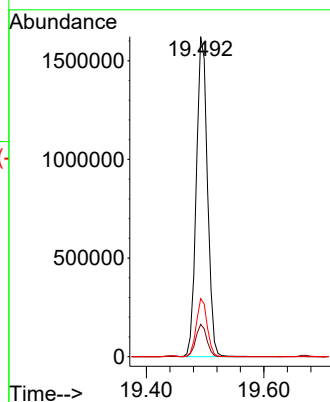
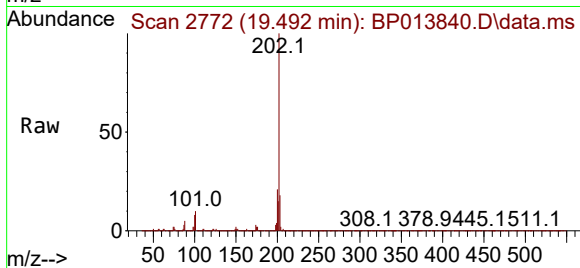
Tgt Ion:202 Resp: 2124102

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

203 18.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

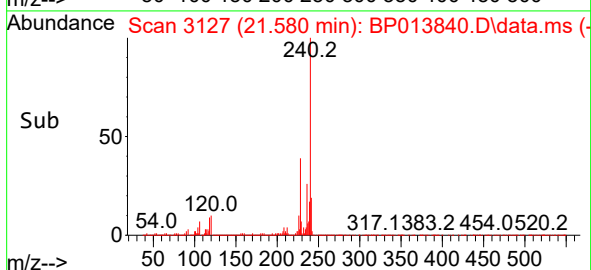
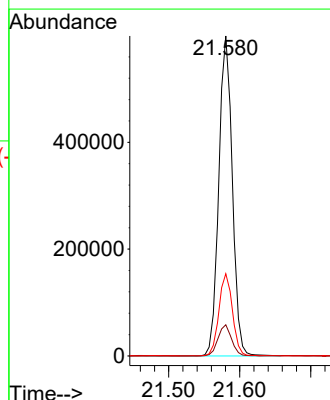
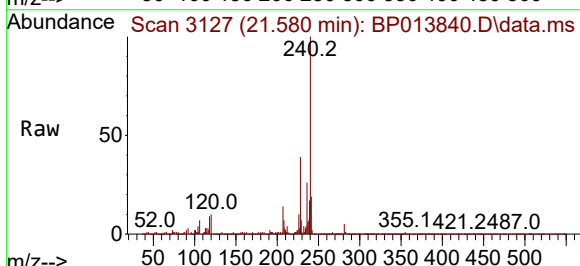
Tgt Ion:240 Resp: 788954

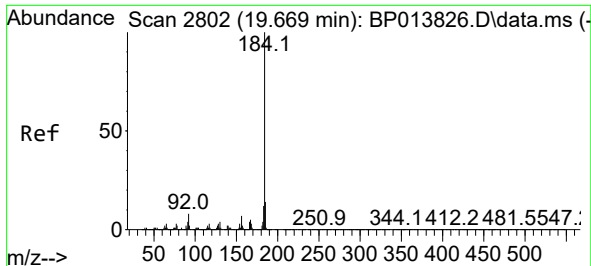
Ion Ratio Lower Upper

240 100

120 9.8 7.9 11.9

236 25.7 20.9 31.3

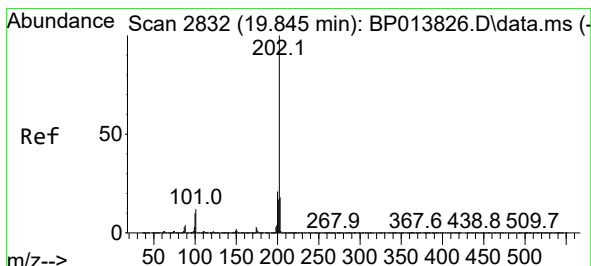
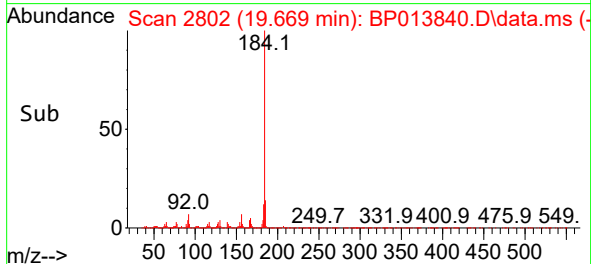
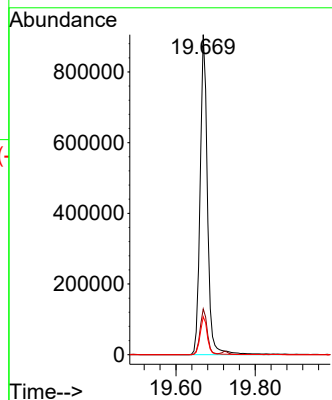
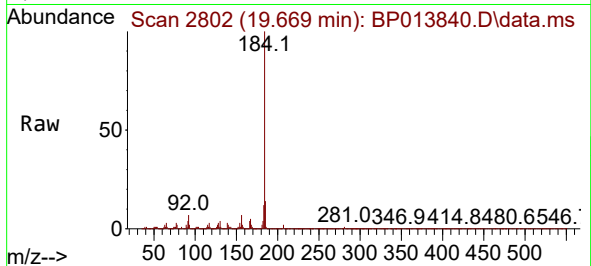




#77
Benzidine
Concen: 70.731 ng
RT: 19.669 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

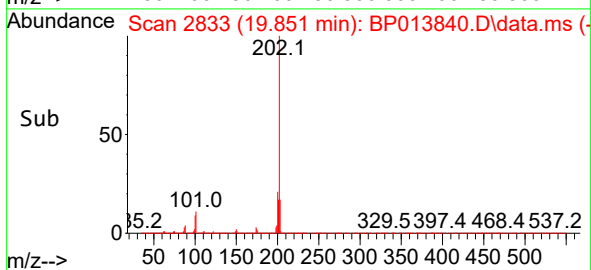
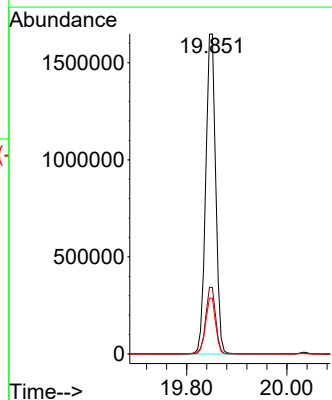
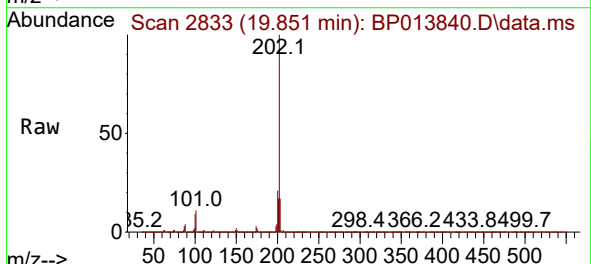
Instrument :
BNA_P
ClientSampleId :
PB150830BS

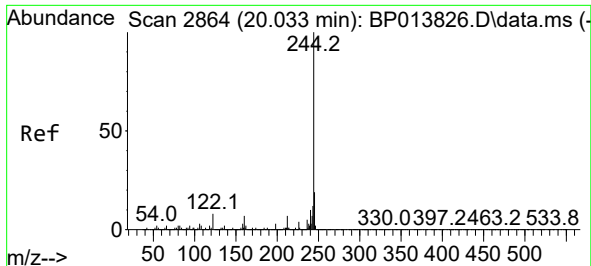
Tgt Ion:184 Resp: 1158712
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.9 9.6 14.4



#78
Pyrene
Concen: 42.144 ng
RT: 19.851 min Scan# 2833
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:202 Resp: 2272205
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2

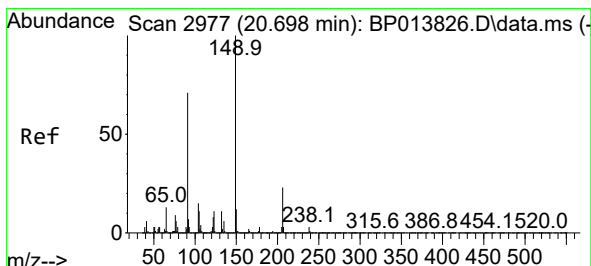
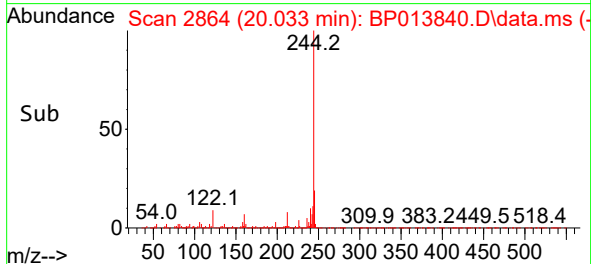
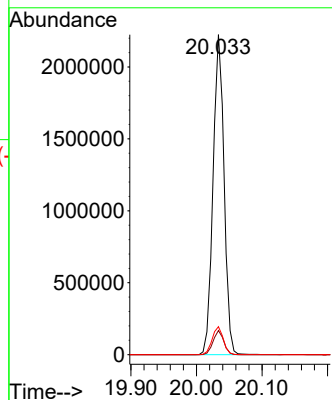
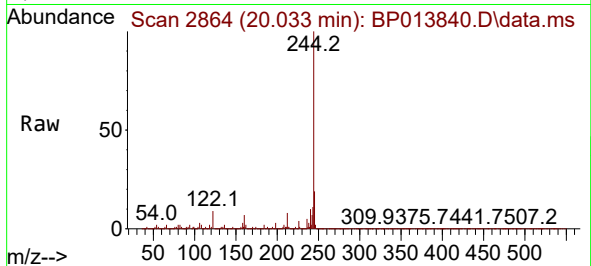




#79
 Terphenyl-d14
 Concen: 63.272 ng
 RT: 20.033 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

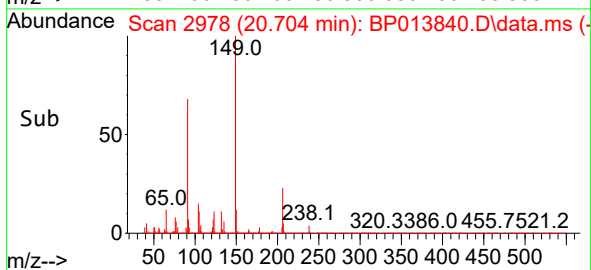
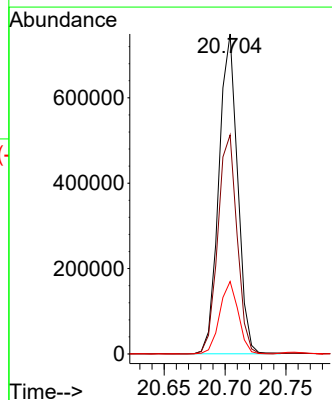
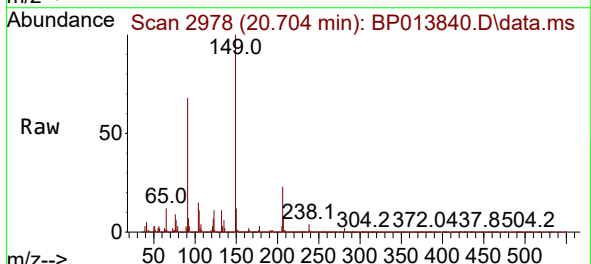
Instrument :
 BNA_P
 ClientSampleId :
 PB150830BS

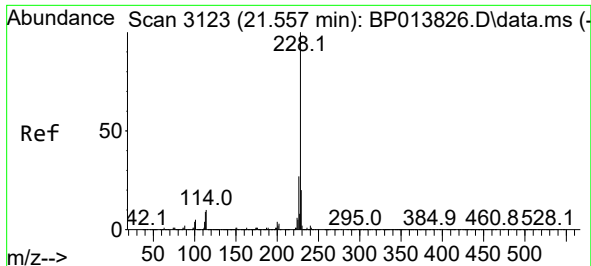
Tgt Ion:244 Resp: 2594531
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.8 6.7 10.1



#80
 Butylbenzylphthalate
 Concen: 41.826 ng
 RT: 20.704 min Scan# 2978
 Delta R.T. 0.006 min
 Lab File: BP013840.D
 Acq: 17 Feb 2023 12:05

Tgt Ion:149 Resp: 801495
 Ion Ratio Lower Upper
 149 100
 91 68.5 56.8 85.2
 206 22.6 18.1 27.1

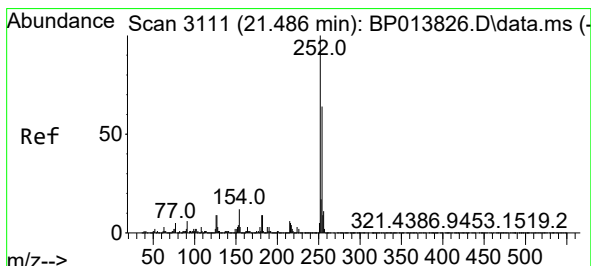
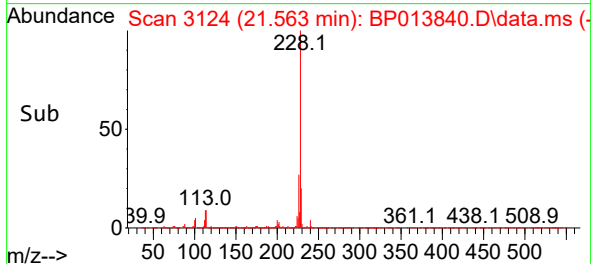
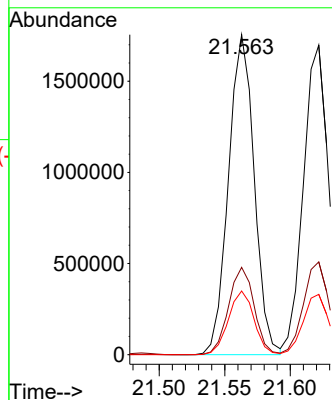
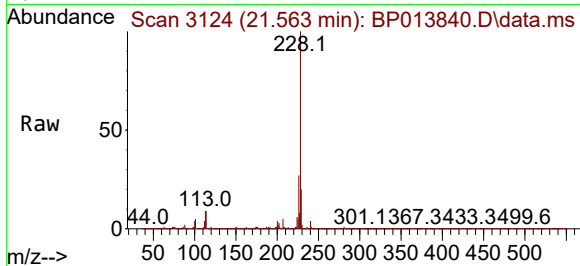




#81
Benzo(a)anthracene
Concen: 42.474 ng
RT: 21.563 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

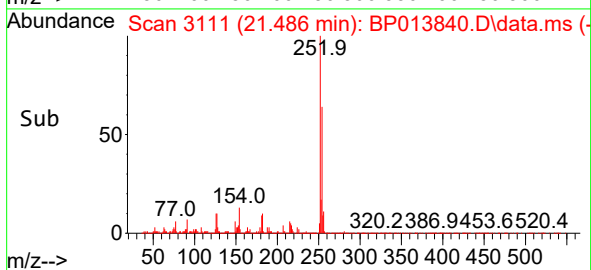
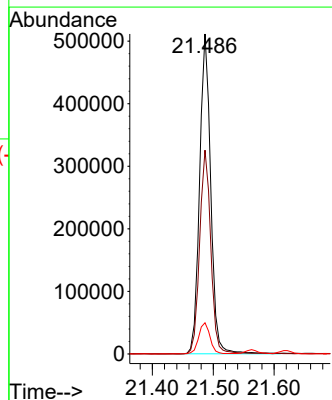
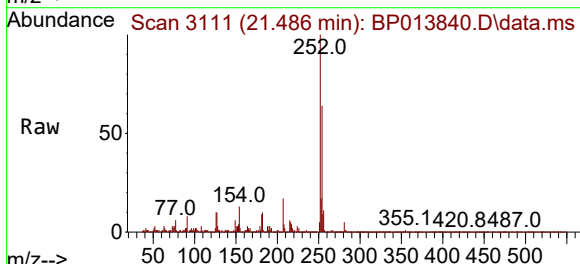
Instrument :
BNA_P
ClientSampleId :
PB150830BS

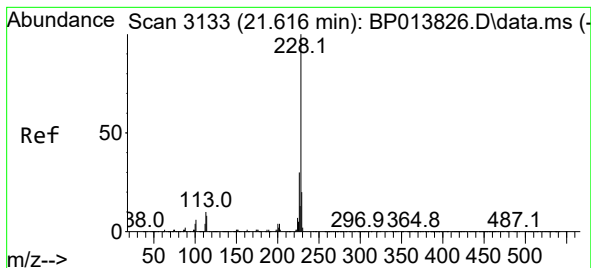
Tgt Ion:228 Resp: 2399600
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.462 ng
RT: 21.486 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:252 Resp: 648095
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 9.8 7.4 11.0





#83

Chrysene

Concen: 41.975 ng

RT: 21.622 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

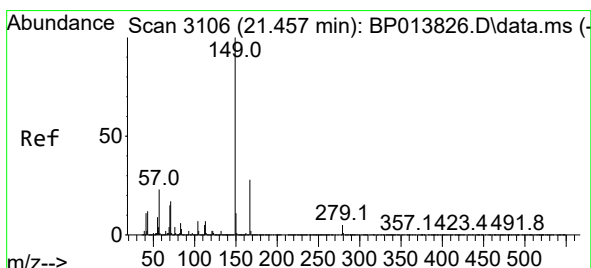
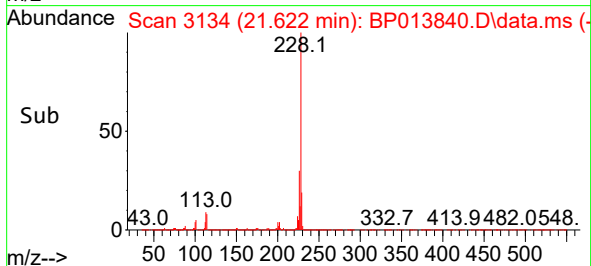
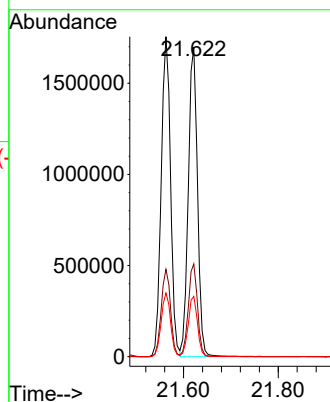
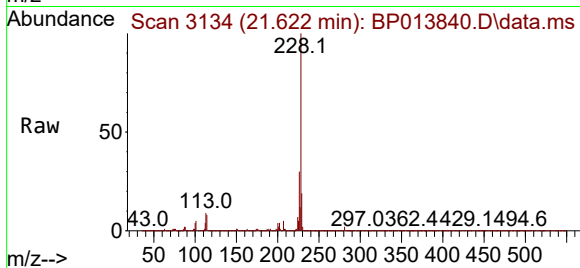
Tgt Ion:228 Resp: 2297340

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.103 ng

RT: 21.463 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

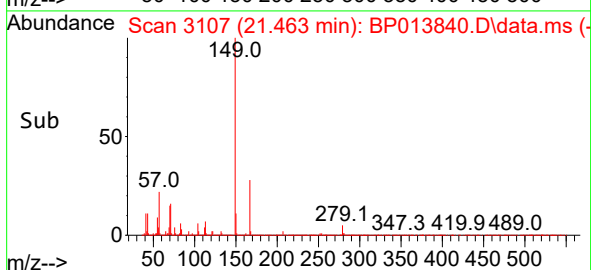
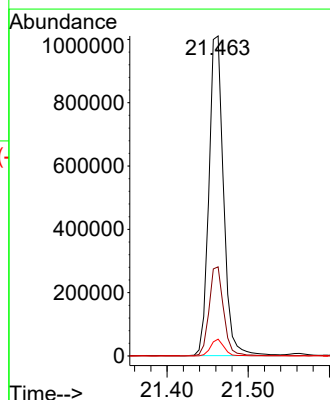
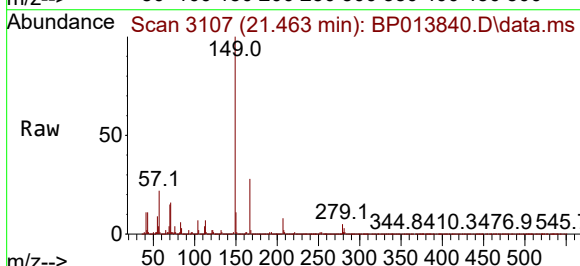
Tgt Ion:149 Resp: 1257856

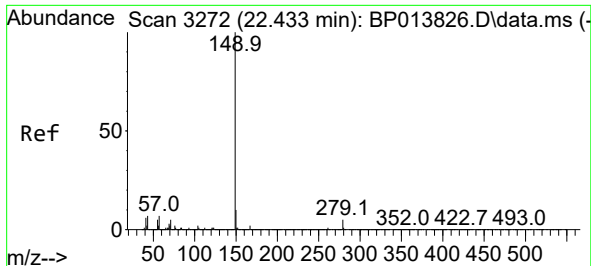
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 5.2 3.9 5.9

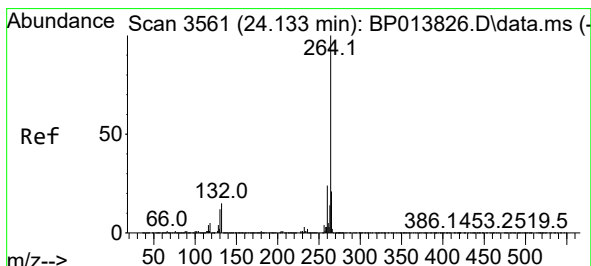
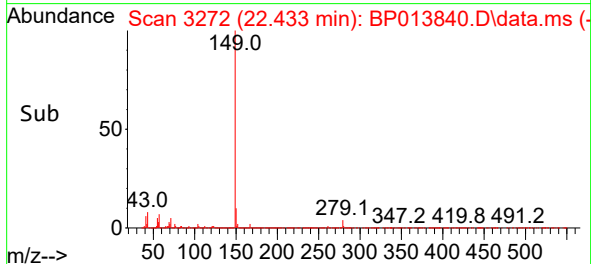
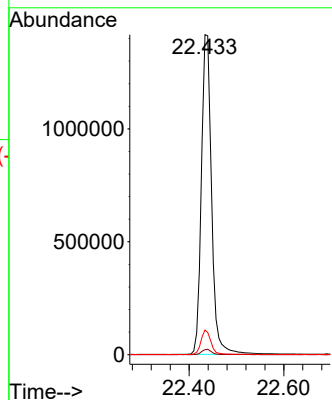
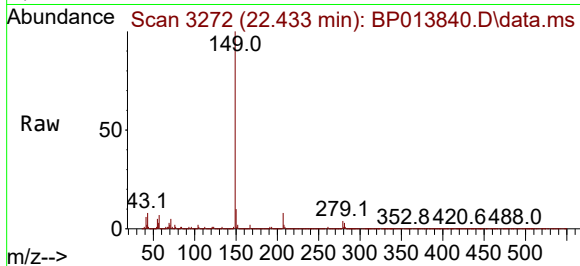




#85
Di-n-octyl phthalate
Concen: 39.913 ng
RT: 22.433 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

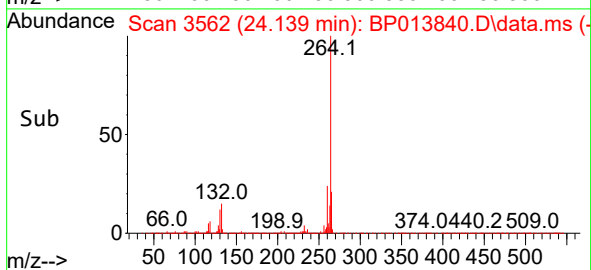
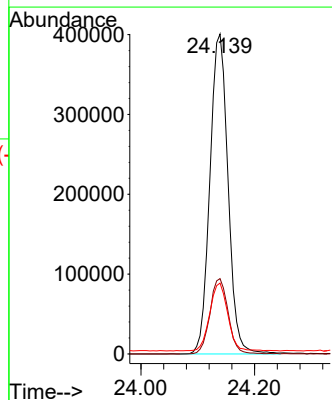
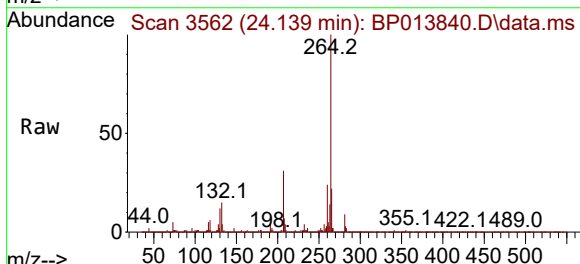
Instrument :
BNA_P
ClientSampleId :
PB150830BS

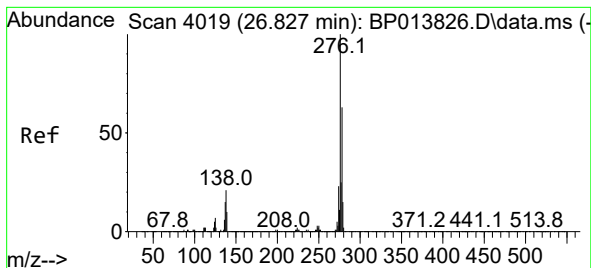
Tgt Ion:149 Resp: 2124794
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.139 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BP013840.D
Acq: 17 Feb 2023 12:05

Tgt Ion:264 Resp: 885352
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.141 ng

RT: 26.839 min Scan# 4019

Delta R.T. 0.012 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

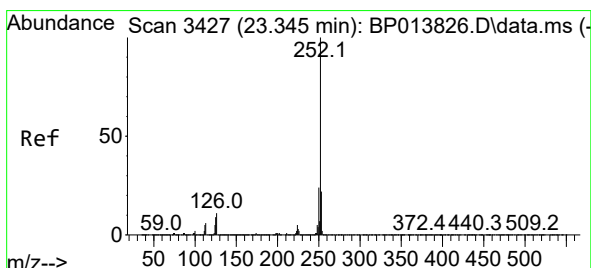
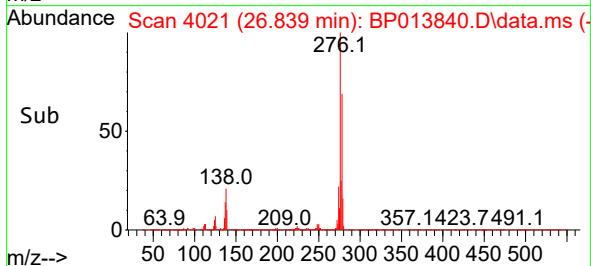
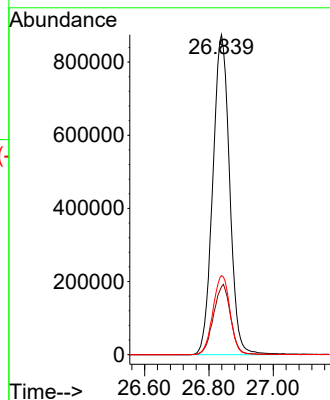
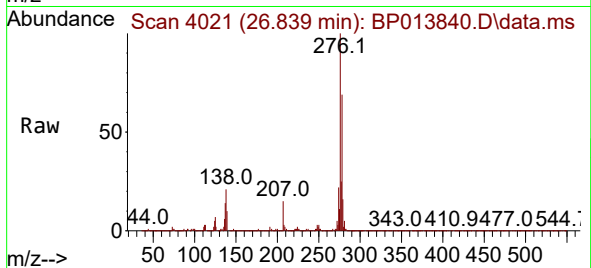
Tgt Ion:276 Resp: 3177858

Ion Ratio Lower Upper

276 100

138 22.3 17.8 26.8

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.712 ng

RT: 23.351 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

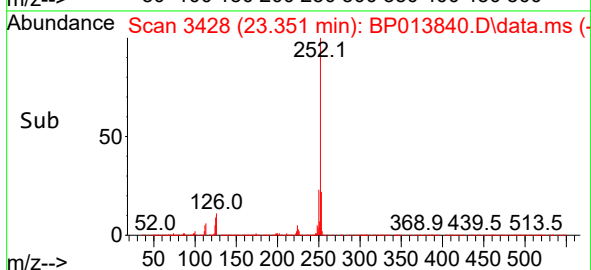
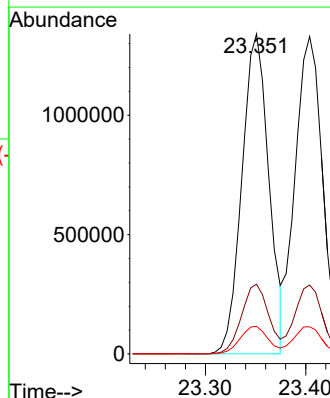
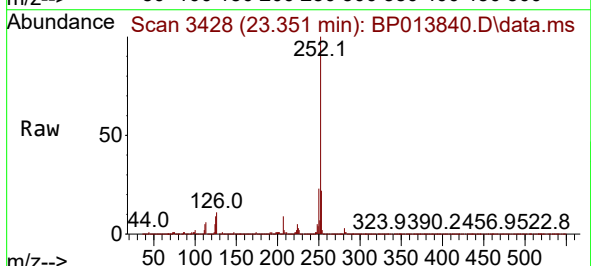
Tgt Ion:252 Resp: 2503582

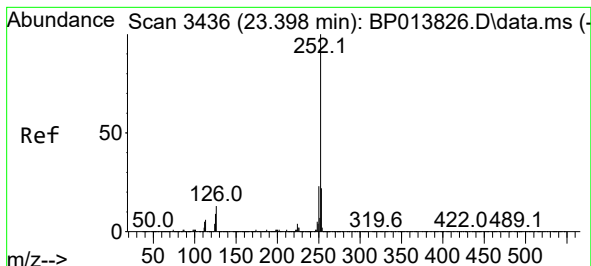
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.833 ng

RT: 23.404 min Scan# 3436

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

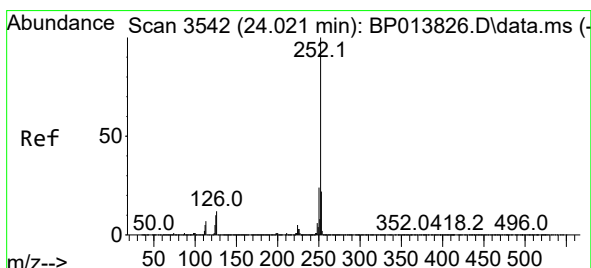
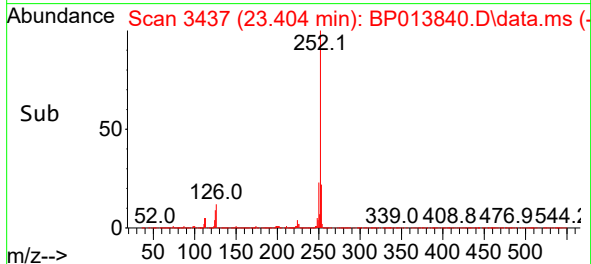
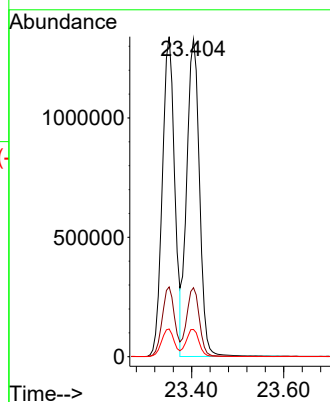
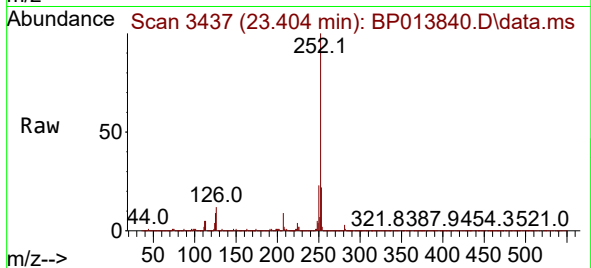
Tgt Ion:252 Resp: 2548247

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.6 7.0 10.4



#90

Benzo(a)pyrene

Concen: 41.700 ng

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

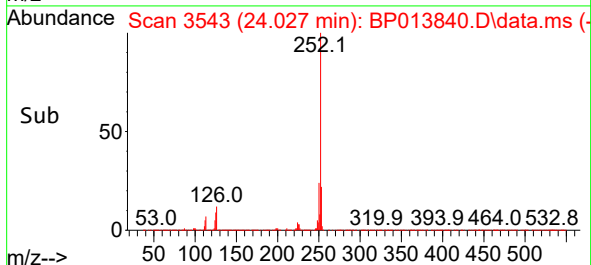
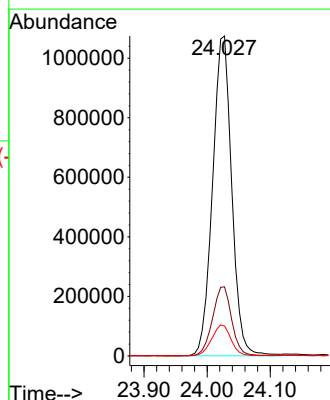
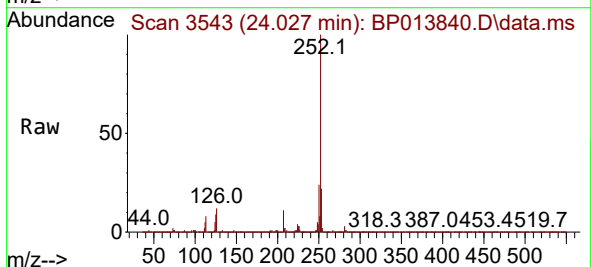
Tgt Ion:252 Resp: 2257360

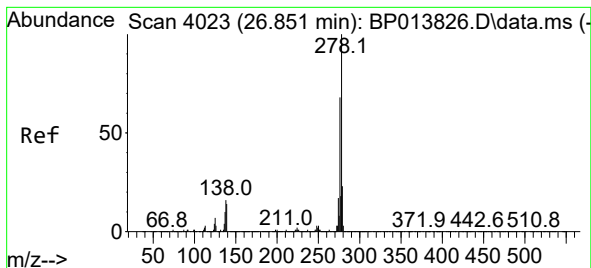
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.3 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 45.885 ng

RT: 26.857 min Scan# 4023

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Instrument :

BNA_P

ClientSampleId :

PB150830BS

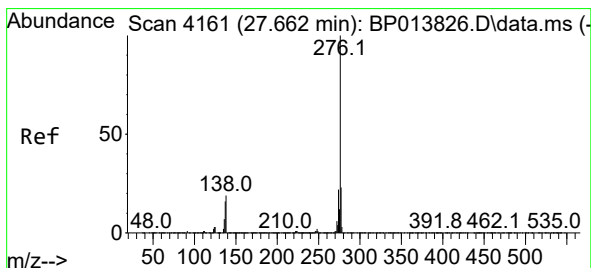
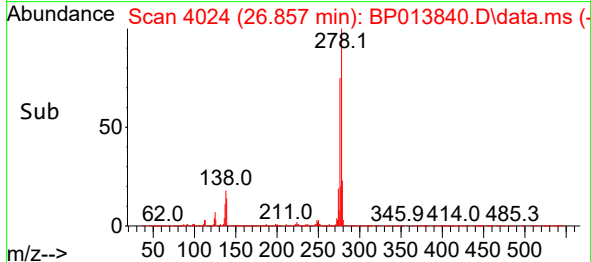
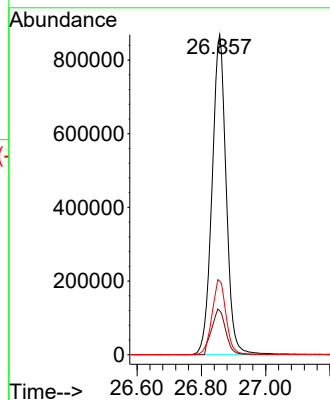
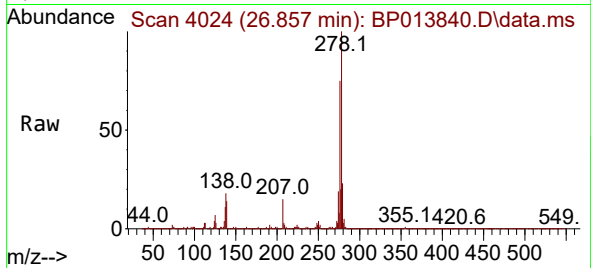
Tgt Ion:278 Resp: 2647733

Ion Ratio Lower Upper

278 100

139 13.7 11.0 16.6

279 23.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 46.118 ng

RT: 27.668 min Scan# 4162

Delta R.T. 0.006 min

Lab File: BP013840.D

Acq: 17 Feb 2023 12:05

Tgt Ion:276 Resp: 2631458

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.0 15.5 23.3

