

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013833.D
 Acq On : 16 Feb 2023 18:08
 Operator : CG/JU
 Sample : PB150892BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150892BSD

Quant Time: Feb 17 05:09:59 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 01:08:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	146781	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	579242	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	348533	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	714084	20.000	ng	0.00
76) Chrysene-d12	21.575	240	658973	20.000	ng	0.00
86) Perylene-d12	24.122	264	682332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1360359	152.746	ng	0.00
7) Phenol-d6	7.264	99	1581162	138.623	ng	0.00
23) Nitrobenzene-d5	9.287	82	1035467	96.532	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	673938	132.835	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2370687	89.341	ng	0.00
79) Terphenyl-d14	20.028	244	3444865	100.579	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	136020	35.138	ng	100
3) Pyridine	3.911	79	373969	35.836	ng	98
4) n-Nitrosodimethylamine	3.817	42	178285	45.589	ng	93
6) Aniline	7.428	93	530692	35.808	ng	99
8) 2-Chlorophenol	7.669	128	486743	51.814	ng	98
9) Benzaldehyde	7.240	77	121735	22.433	ng	98
10) Phenol	7.293	94	523695	44.110	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	465310	48.972	ng	97
12) 1,3-Dichlorobenzene	7.999	146	491443	46.525	ng	99
13) 1,4-Dichlorobenzene	8.146	146	499811	46.843	ng	98
14) 1,2-Dichlorobenzene	8.469	146	537038	53.919	ng	99
15) Benzyl Alcohol	8.352	79	369267	46.143	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.646	45	531452	52.363	ng	100
17) 2-Methylphenol	8.552	107	402872	49.865	ng	98
18) Hexachloroethane	9.205	117	203468	54.439	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	347758	52.092	ng	98
20) 3+4-Methylphenols	8.881	107	524255	48.212	ng	99
22) Acetophenone	8.946	105	714500	48.905	ng	99
24) Nitrobenzene	9.328	77	523011	46.723	ng	99
25) Isophorone	9.858	82	888163	42.966	ng	98
26) 2-Nitrophenol	10.040	139	237847	45.259	ng	97
27) 2,4-Dimethylphenol	10.093	122	409492	47.368	ng	98
28) bis(2-Chloroethoxy)met...	10.334	93	588197	44.575	ng	100
29) 2,4-Dichlorophenol	10.575	162	436890	47.104	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	513615	47.191	ng	99
31) Naphthalene	10.987	128	1388095	43.709	ng	100
32) Benzoic acid	10.222	122	258994	39.053	ng	98
33) 4-Chloroaniline	11.093	127	242618	18.194	ng	98
34) Hexachlorobutadiene	11.269	225	343054	47.431	ng	98
35) Caprolactam	11.881	113	113751	38.413	ng	99
36) 4-Chloro-3-methylphenol	12.204	107	452379	43.771	ng	100
37) 2-Methylnaphthalene	12.581	142	975048	42.414	ng	100
38) 1-Methylnaphthalene	12.799	142	900540	41.856	ng	98
40) 1,2,4,5-Tetrachloroben...	12.946	216	590349	46.967	ng	98
41) Hexachlorocyclopentadiene	12.928	237	758592	113.619	ng	98
43) 2,4,6-Trichlorophenol	13.181	196	363428	46.219	ng	98

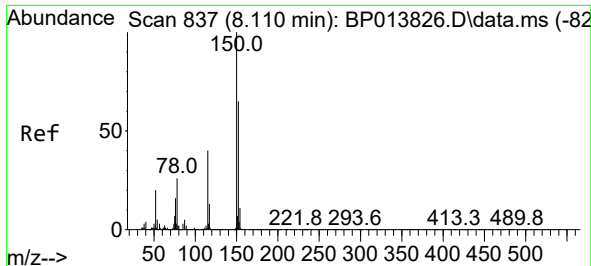
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 01:08:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	392638	42.014	ng	98
46) 1,1'-Biphenyl	13.581	154	1245416	44.210	ng	99
47) 2-Chloronaphthalene	13.628	162	979373	45.633	ng	99
48) 2-Nitroaniline	13.828	65	244337	40.616	ng	99
49) Acenaphthylene	14.469	152	1477869	43.684	ng	100
50) Dimethylphthalate	14.198	163	1186187	41.824	ng	100
51) 2,6-Dinitrotoluene	14.316	165	256029	41.570	ng	95
52) Acenaphthene	14.810	154	896540	43.549	ng	100
53) 3-Nitroaniline	14.646	138	172825	27.673	ng	100
54) 2,4-Dinitrophenol	14.851	184	321256	78.882	ng	99
55) Dibenzofuran	15.146	168	1442116	42.101	ng	100
56) 4-Nitrophenol	14.946	139	424466	83.728	ng	96
57) 2,4-Dinitrotoluene	15.104	165	337411	40.796	ng	97
58) Fluorene	15.793	166	1117536	41.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	350559	43.573	ng	100
60) Diethylphthalate	15.557	149	1147062	41.477	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	608699	41.828	ng	99
62) 4-Nitroaniline	15.810	138	231585	35.586	ng	95
63) Azobenzene	16.075	77	1057312	42.257	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	197678	40.095	ng	99
66) n-Nitrosodiphenylamine	15.998	169	975195	45.087	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	384283	45.594	ng	99
68) Hexachlorobenzene	16.798	284	442671	48.114	ng	99
69) Atrazine	16.945	200	348772	47.295	ng	100
70) Pentachlorophenol	17.140	266	568745	83.846	ng	99
71) Phenanthrene	17.540	178	1758268	43.952	ng	99
72) Anthracene	17.634	178	1741274	43.531	ng	100
73) Carbazole	17.898	167	1565919	43.484	ng	99
74) Di-n-butylphthalate	18.428	149	1844597	43.719	ng	99
75) Fluoranthene	19.492	202	2028365	40.673	ng	100
77) Benzidine	19.663	184	655598	48.650	ng	99
78) Pyrene	19.839	202	2145688	47.648	ng	100
80) Butylbenzylphthalate	20.698	149	741928	46.355	ng	97
81) Benzo(a)anthracene	21.557	228	2089991	44.290	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	625579	42.138	ng	100
83) Chrysene	21.616	228	1993056	43.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	1126571	45.147	ng	100
85) Di-n-octyl phthalate	22.427	149	1885721	42.409	ng	100
87) Indeno(1,2,3-cd)pyrene	26.821	276	2672848	50.356	ng	99
88) Benzo(b)fluoranthene	23.339	252	2122973	49.195	ng	100
89) Benzo(k)fluoranthene	23.392	252	2189484	49.983	ng	100
90) Benzo(a)pyrene	24.010	252	1899536	45.530	ng	100
91) Dibenzo(a,h)anthracene	26.833	278	2257536	50.763	ng	98
92) Benzo(g,h,i)perylene	27.651	276	2252817	51.230	ng	100

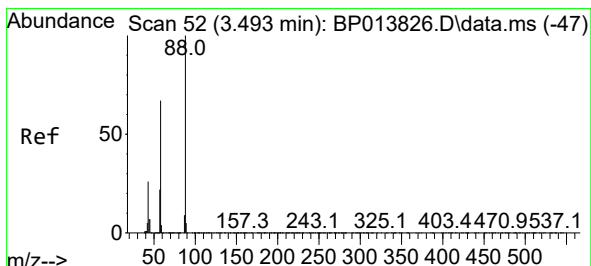
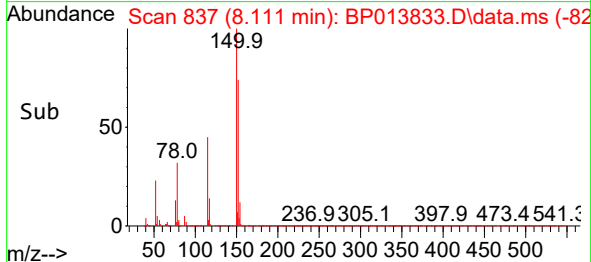
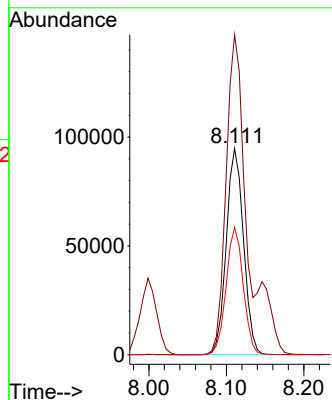
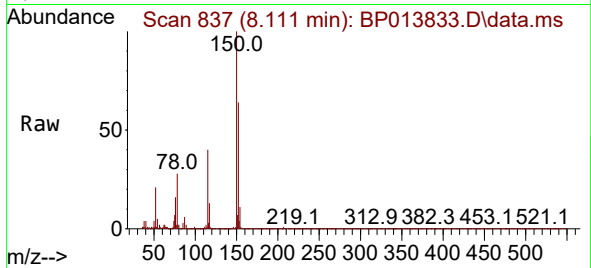
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP013833.D
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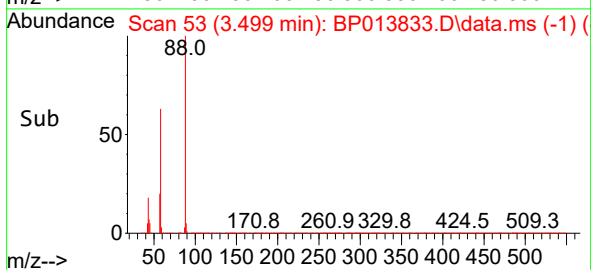
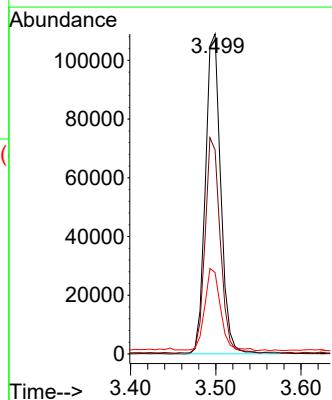
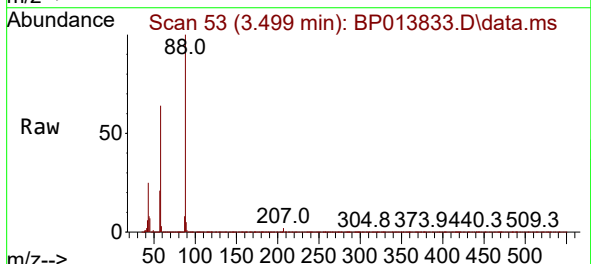
Instrument :
BNA_P
ClientSampleId :
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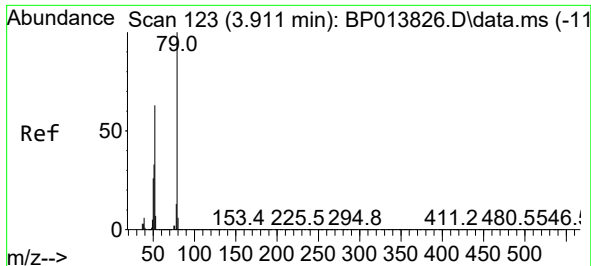
Tgt Ion:152 Resp: 146781
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 61.6 49.0 73.6



#2
1,4-Dioxane
Concen: 35.138 ng
RT: 3.499 min Scan# 53
Delta R.T. 0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 88 Resp: 136020
Ion Ratio Lower Upper
88 100
58 66.6 53.5 80.3
43 26.0 20.6 30.8

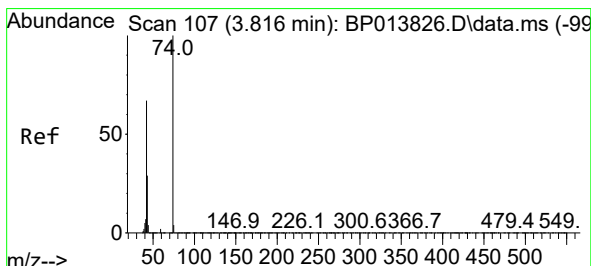
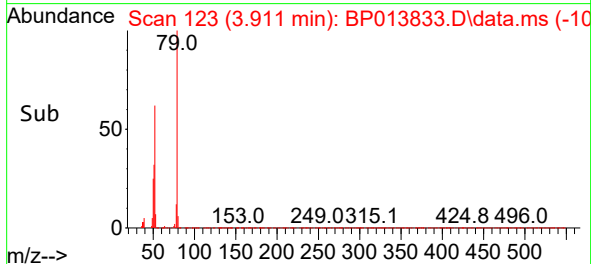
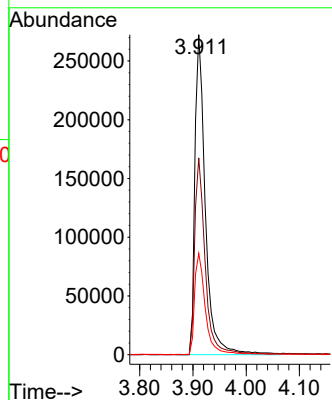
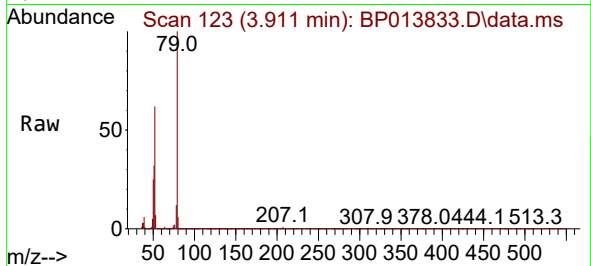




#3
Pyridine
Concen: 35.836 ng
RT: 3.911 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

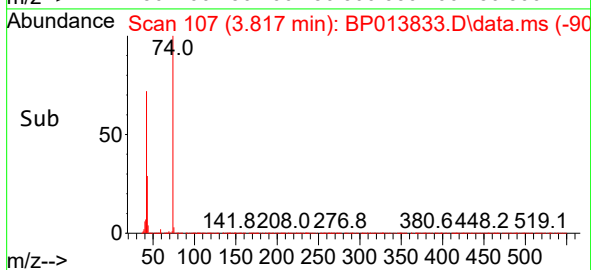
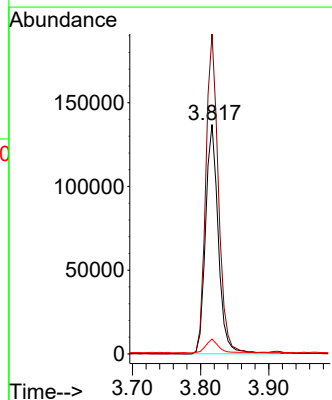
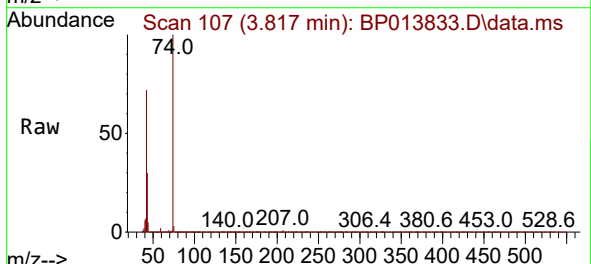
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ClientSampleId :
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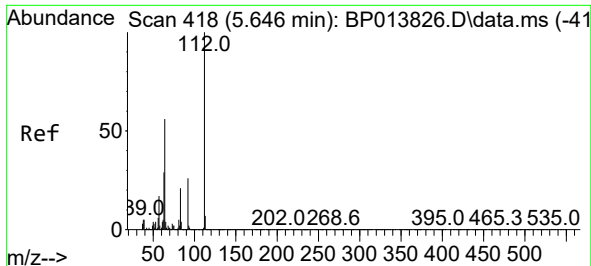
Tgt Ion: 79 Resp: 373969
Ion Ratio Lower Upper
79 100
52 61.5 50.0 75.0
51 31.6 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 45.589 ng
RT: 3.817 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 42 Resp: 178285
Ion Ratio Lower Upper
42 100
74 139.4 119.3 178.9
44 6.5 6.0 9.0

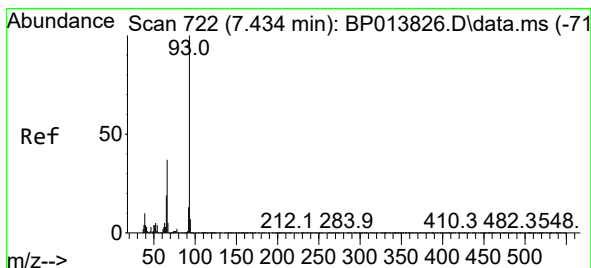
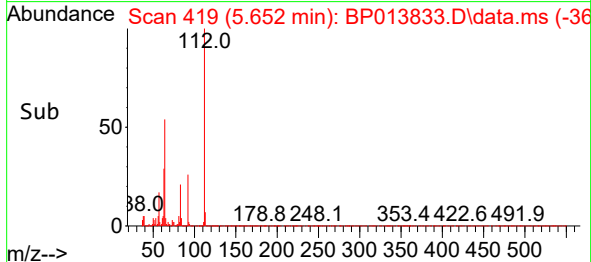
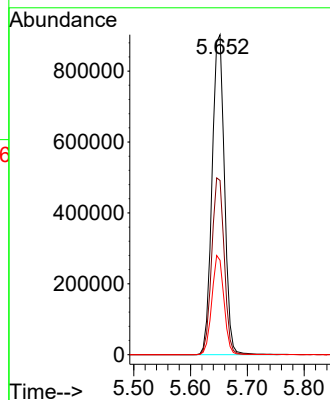
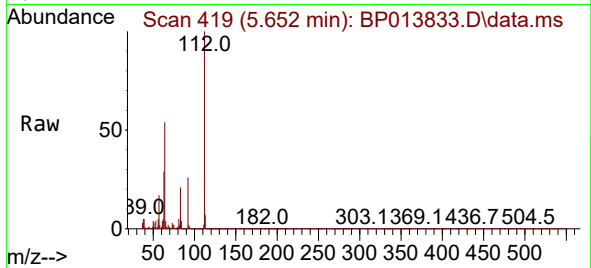




#5
2-Fluorophenol
Concen: 152.746 ng
RT: 5.652 min Scan# 418
Delta R.T. 0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

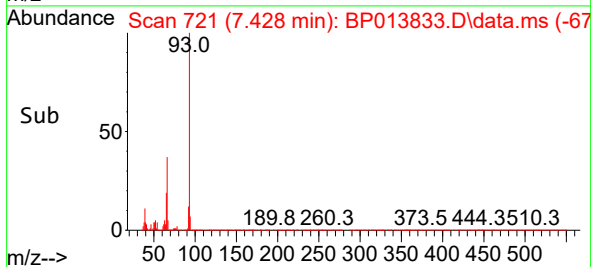
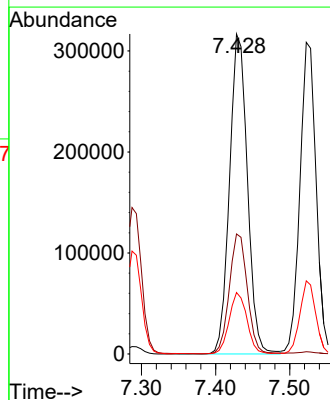
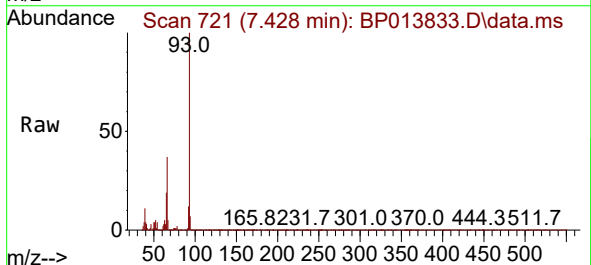
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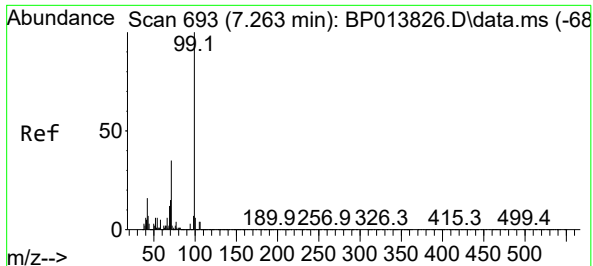
Tgt Ion:112 Resp: 1360359
Ion Ratio Lower Upper
112 100
64 54.4 44.6 66.8
63 29.5 23.6 35.4



#6
Aniline
Concen: 35.808 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 93 Resp: 530692
Ion Ratio Lower Upper
93 100
66 37.5 29.6 44.4
65 19.2 15.4 23.0



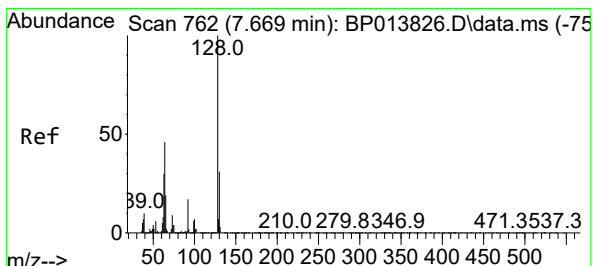
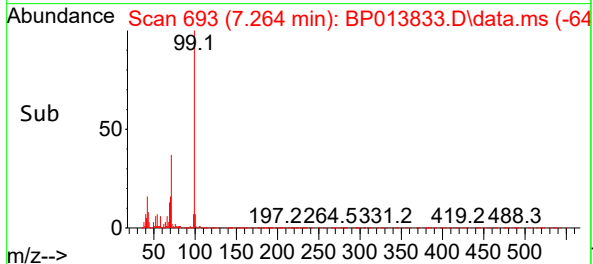
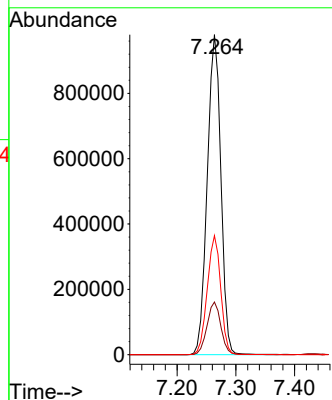
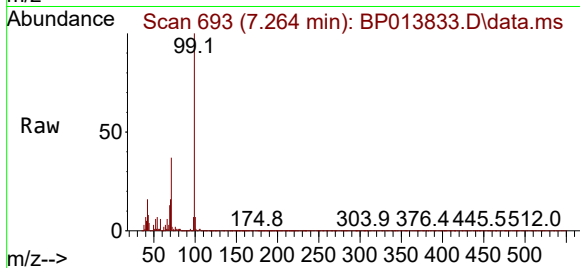


#7
Phenol-d6
Concen: 138.623 ng
RT: 7.264 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Instrument :
BNA_P
ClientSampleId :
PB150892BSD

Tgt Ion: 99 Resp: 1581162

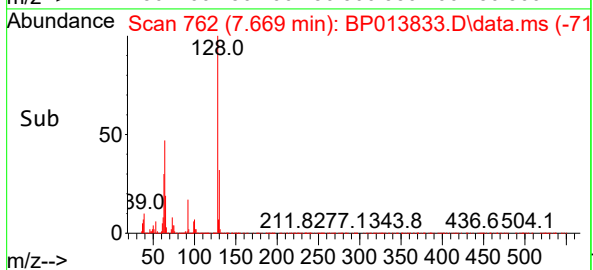
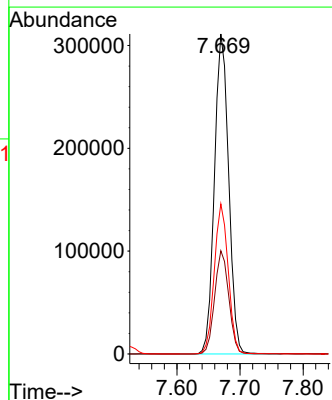
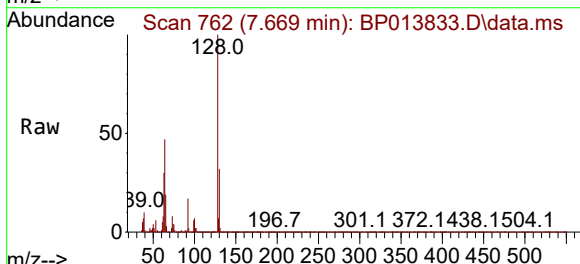
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.5	18.7
71	37.2	27.8	41.8

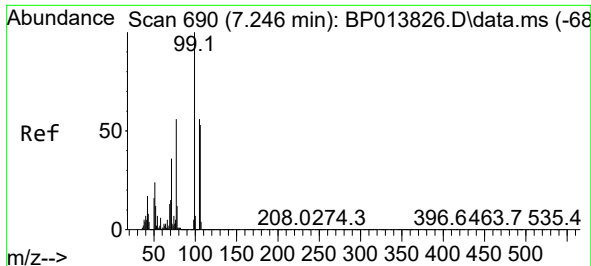


#8
2-Chlorophenol
Concen: 51.814 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 128 Resp: 486743

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.4	51.4
64	46.9	25.9	65.9

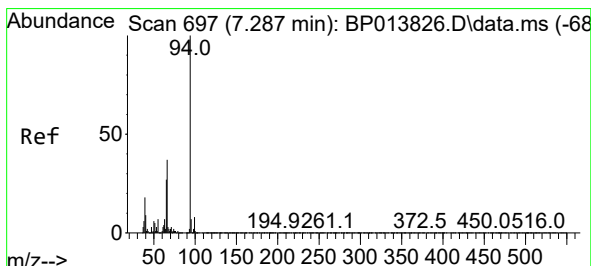
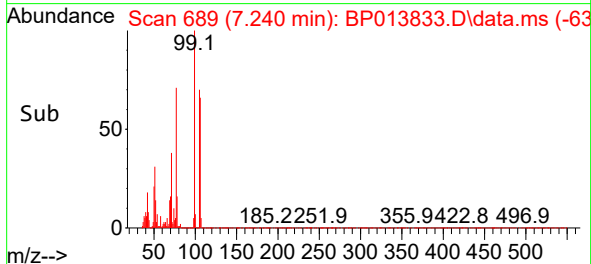
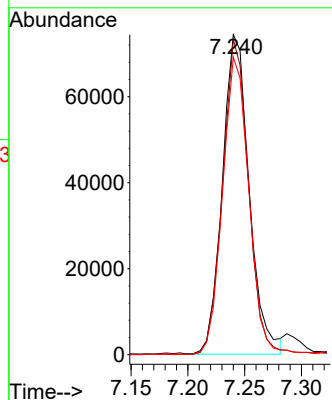
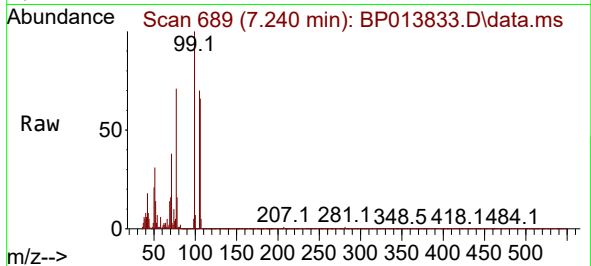




#9
Benzaldehyde
Concen: 22.433 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

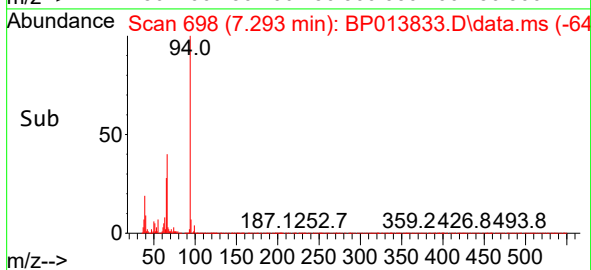
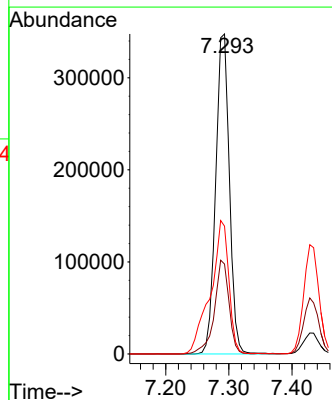
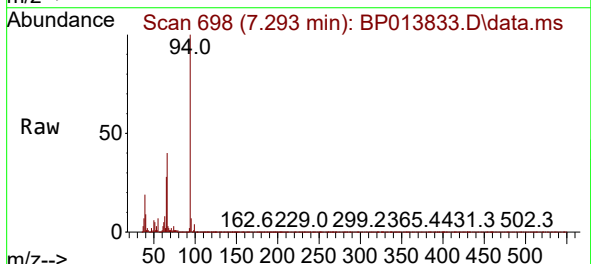
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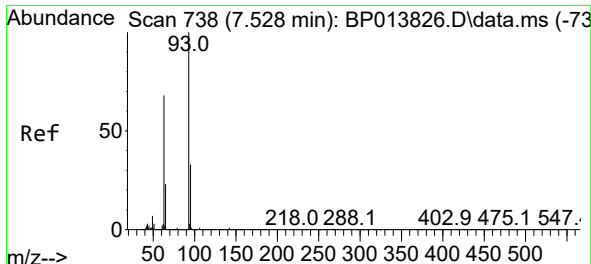
Tgt Ion: 77 Resp: 121735
Ion Ratio Lower Upper
77 100
105 98.5 80.2 120.2
106 92.9 74.8 114.8



#10
Phenol
Concen: 44.110 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 94 Resp: 523695
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 40.0 17.4 57.4

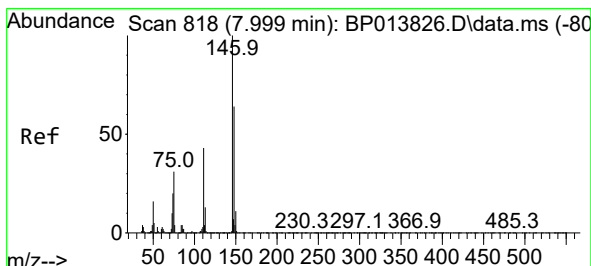
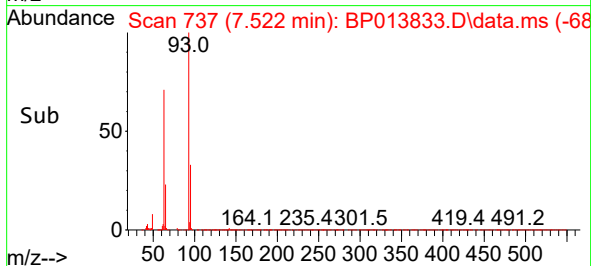
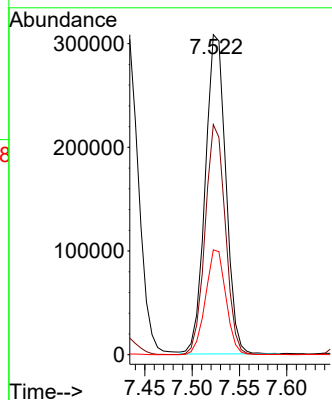
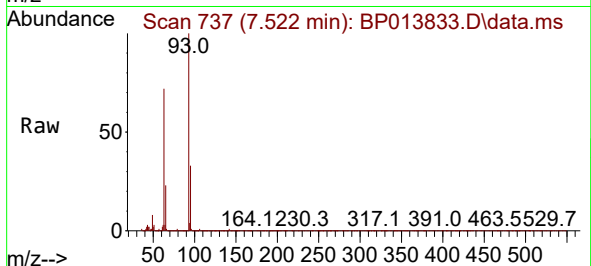




#11
bis(2-Chloroethyl)ether
Concen: 48.972 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

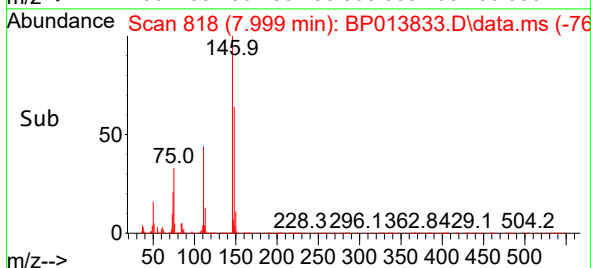
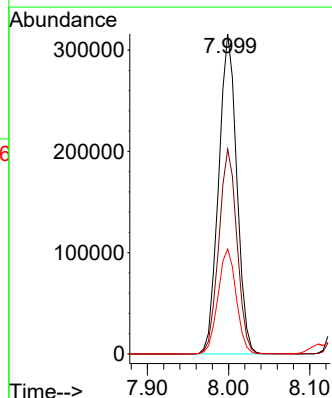
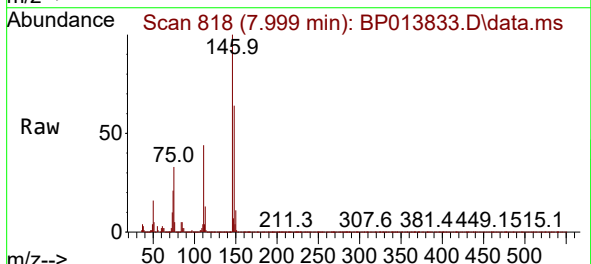
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

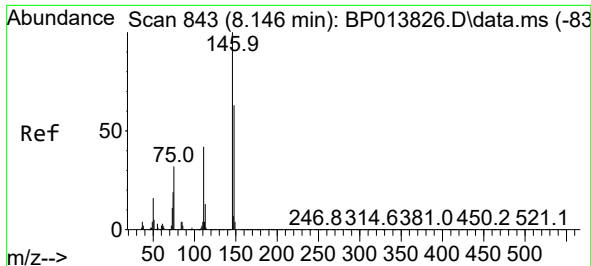
Tgt Ion: 93 Resp: 465310
Ion Ratio Lower Upper
93 100
63 71.9 48.1 88.1
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.525 ng
RT: 7.999 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:146 Resp: 491443
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 32.8 25.0 37.4

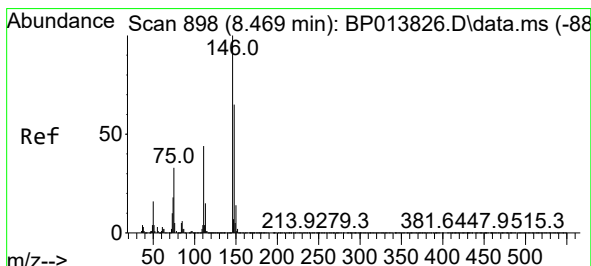
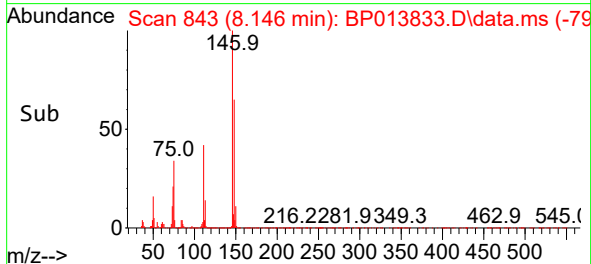
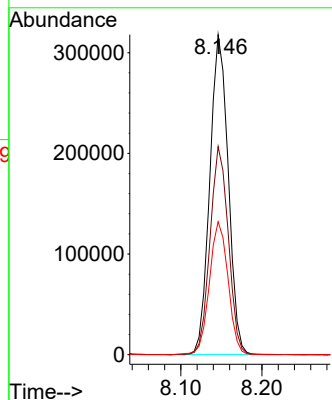
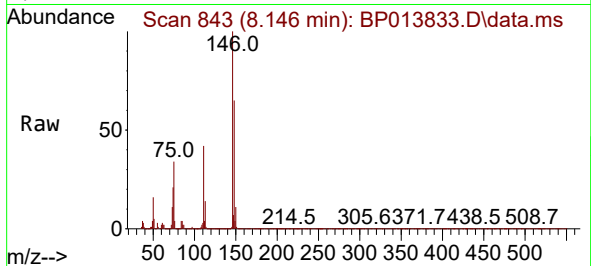




#13
1,4-Dichlorobenzene
Concen: 46.843 ng
RT: 8.146 min Scan# 843
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

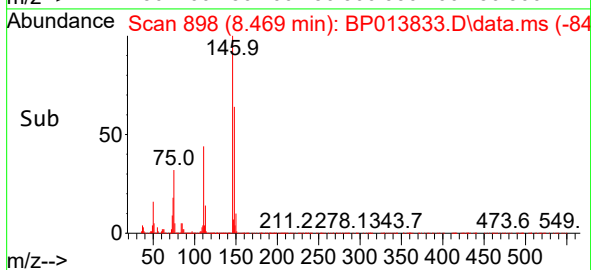
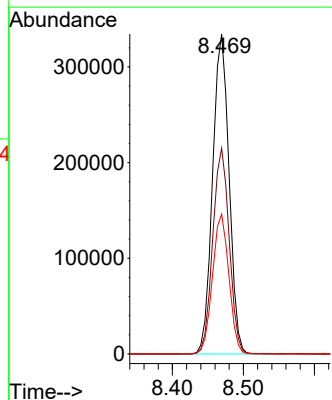
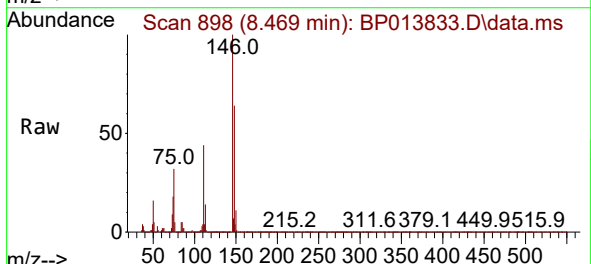
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

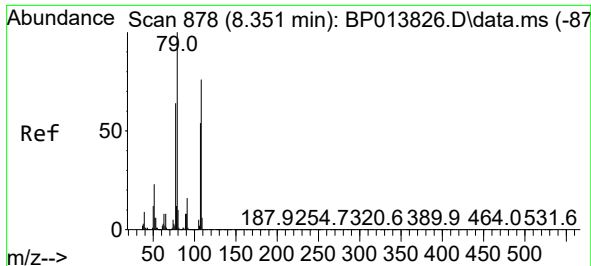
Tgt Ion:146 Resp: 499811
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 41.6 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 53.919 ng
RT: 8.469 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:146 Resp: 537038
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 43.7 34.9 52.3

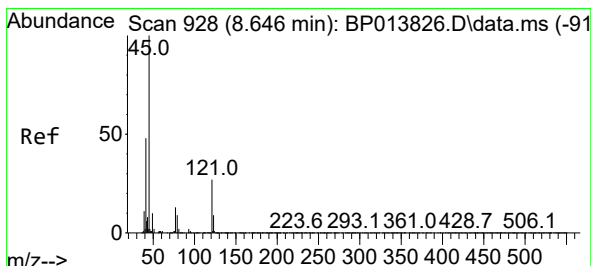
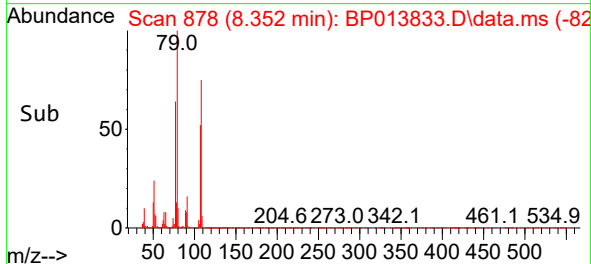
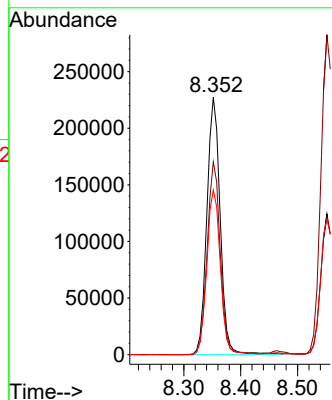
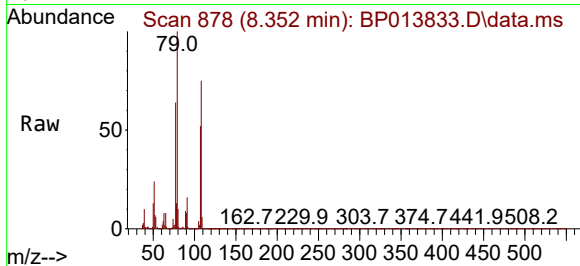




#15
Benzyl Alcohol
Concen: 46.143 ng
RT: 8.352 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

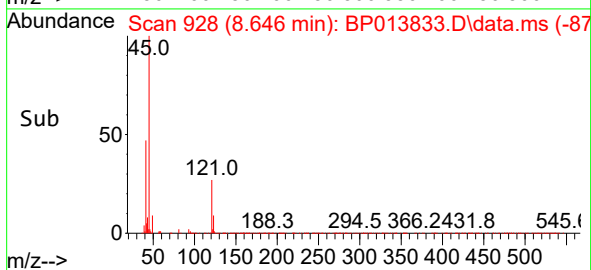
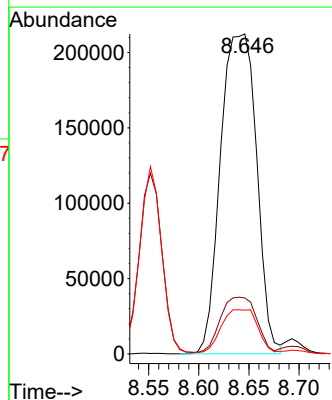
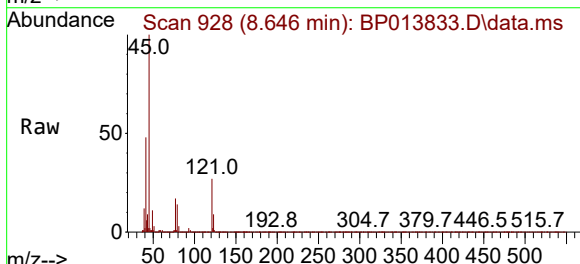
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

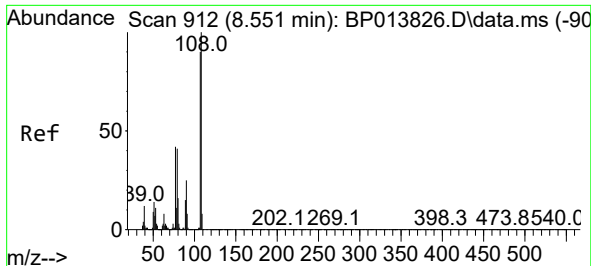
Tgt Ion: 79 Resp: 369267
Ion Ratio Lower Upper
79 100
108 74.8 60.7 91.1
77 63.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.363 ng
RT: 8.646 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 45 Resp: 531452
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.5
79 13.7 0.0 33.8





#17

2-Methylphenol

Concen: 49.865 ng

RT: 8.552 min Scan# 912

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

Tgt Ion:107 Resp: 402872

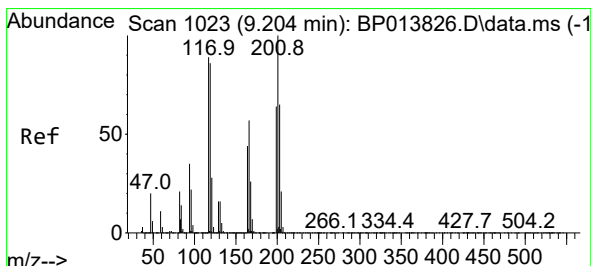
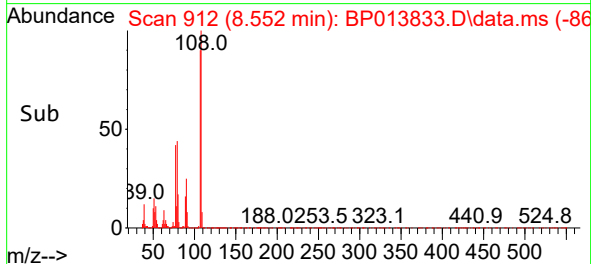
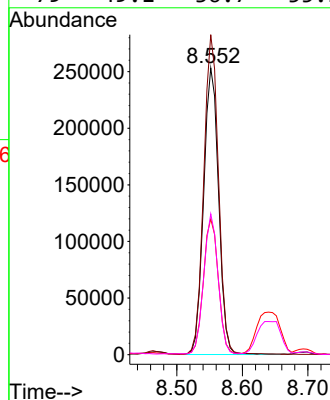
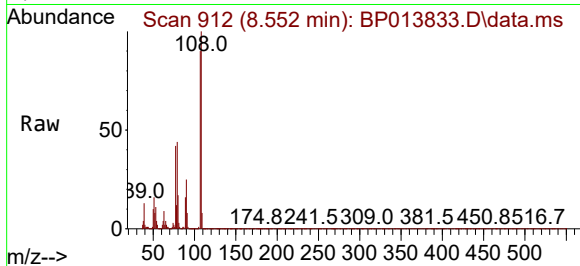
Ion Ratio Lower Upper

107 100

108 111.6 88.9 133.3

77 47.3 37.1 55.7

79 49.1 36.7 55.1



#18

Hexachloroethane

Concen: 54.439 ng

RT: 9.205 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

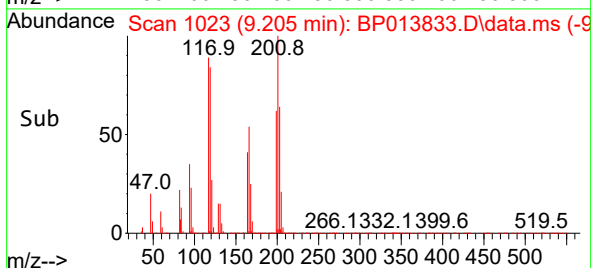
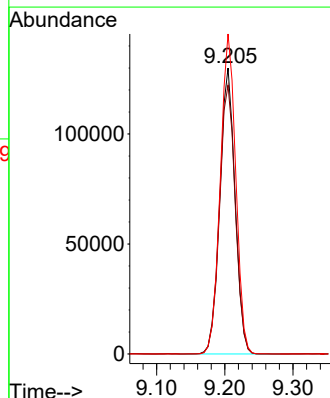
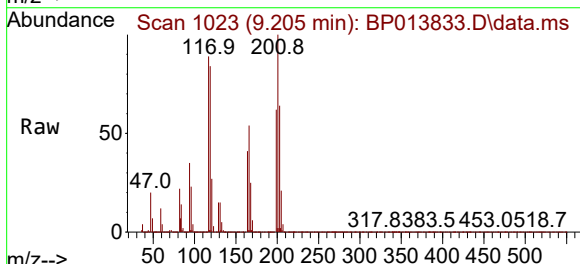
Tgt Ion:117 Resp: 203468

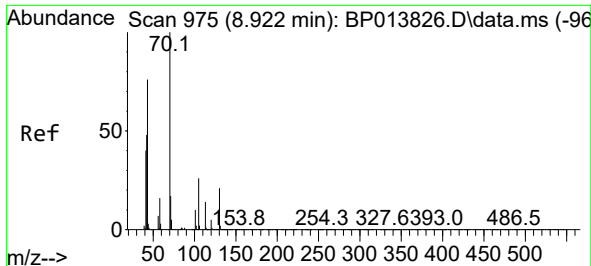
Ion Ratio Lower Upper

117 100

119 94.0 77.2 115.8

201 111.9 89.4 134.2



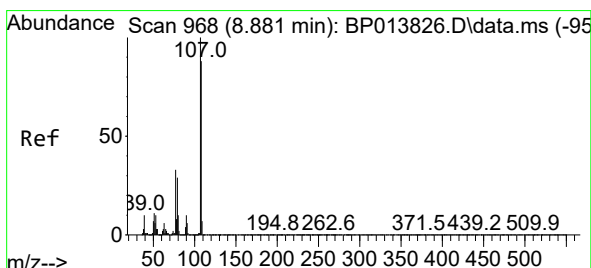
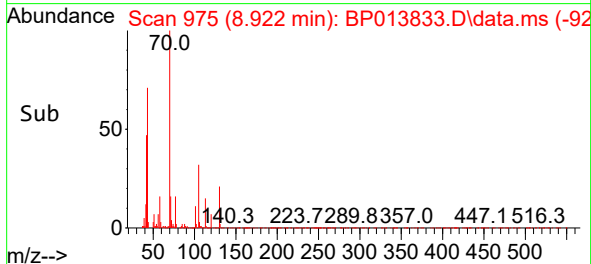
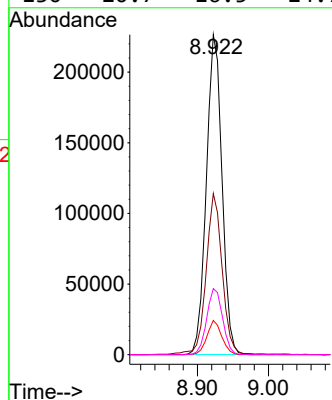
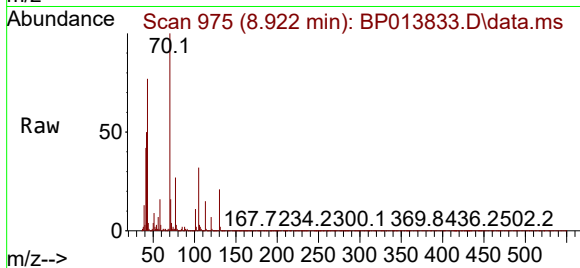


#19
n-Nitroso-di-n-propylamine
Concen: 52.092 ng
RT: 8.922 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Instrument :
BNA_P
ClientSampleId :
PB150892BSD

Tgt Ion: 70 Resp: 347758

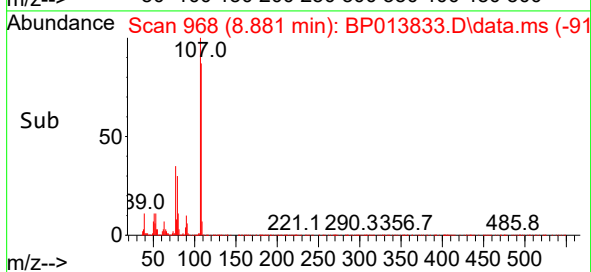
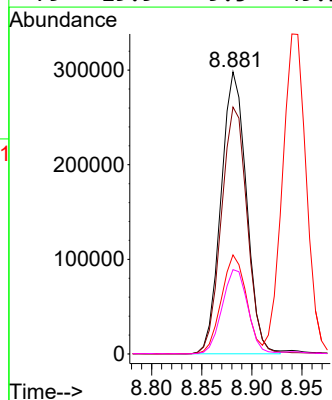
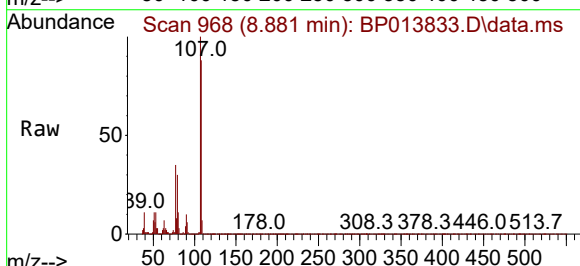
Ion	Ratio	Lower	Upper
70	100		
42	50.4	39.0	58.4
101	10.7	8.0	12.0
130	20.7	16.5	24.7

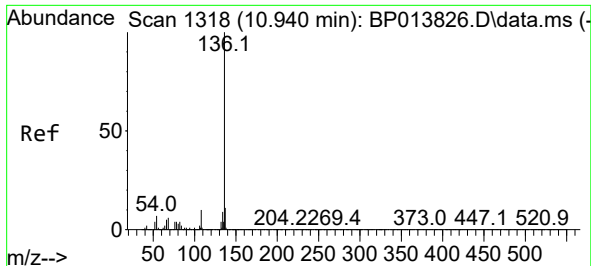


#20
3+4-Methylphenols
Concen: 48.212 ng
RT: 8.881 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 107 Resp: 524255

Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.7	107.7
77	35.1	13.4	53.4
79	29.9	9.5	49.5

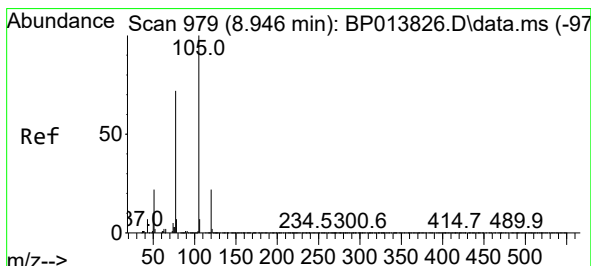
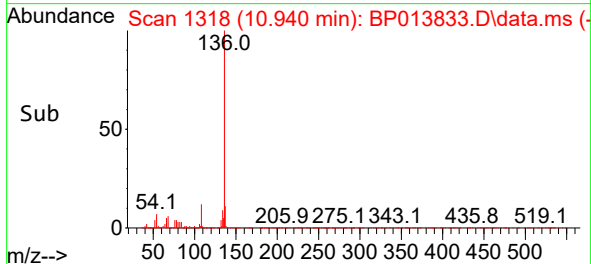
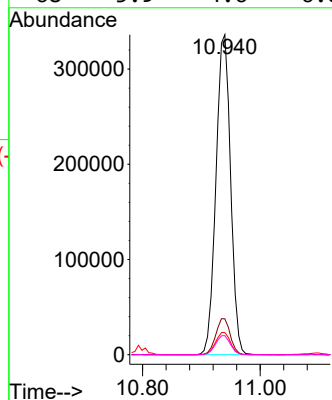
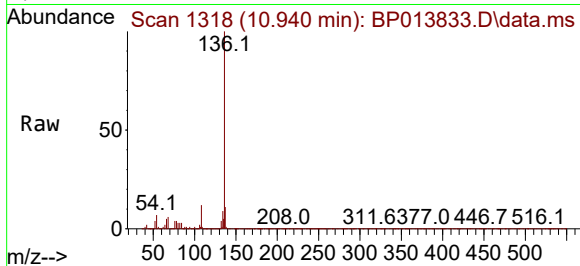




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

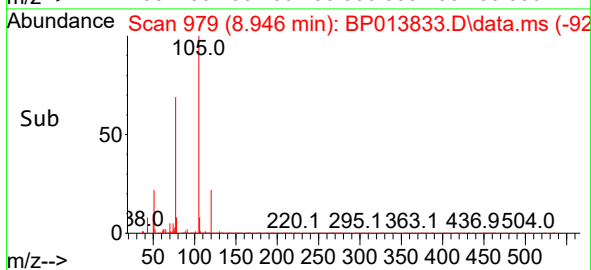
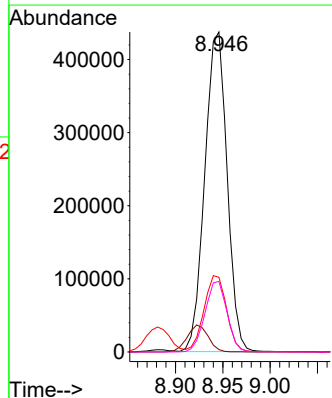
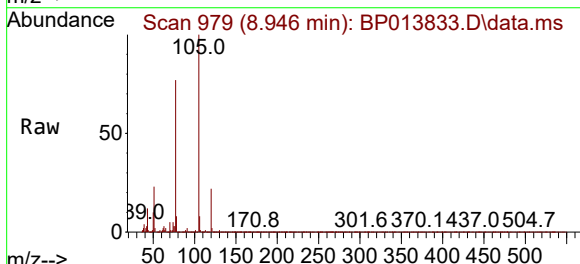
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

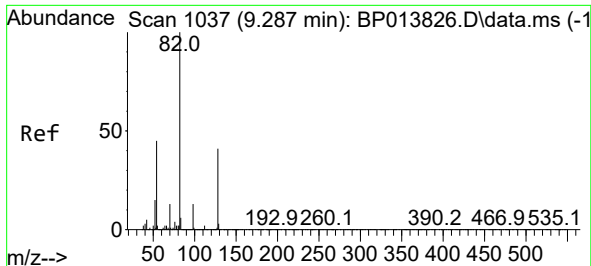
Tgt Ion:	136	Resp:	579242
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.9	5.8	8.6
68	5.9	4.6	6.8



#22
Acetophenone
Concen: 48.905 ng
RT: 8.946 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:	105	Resp:	714500
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.7	1.1
51	23.3	18.9	28.3
120	22.0	17.4	26.0

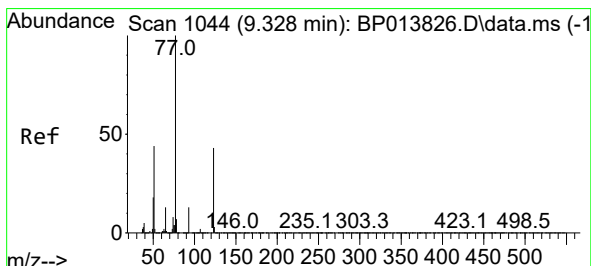
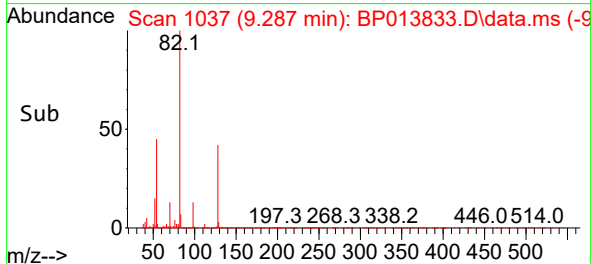
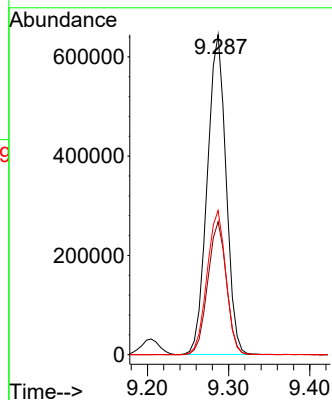
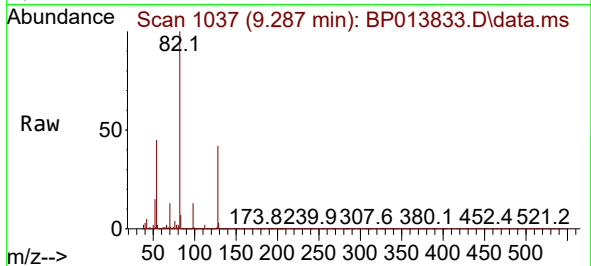




#23
Nitrobenzene-d5
Concen: 96.532 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

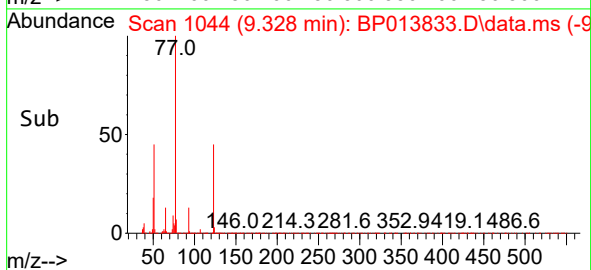
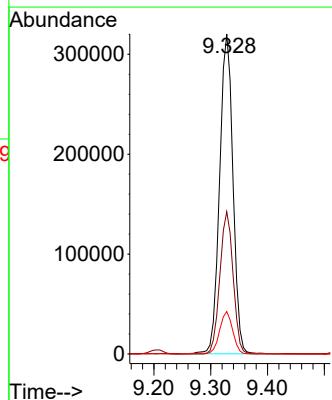
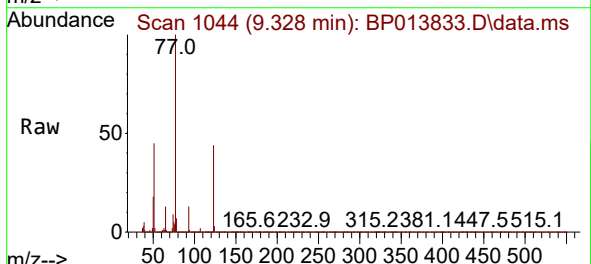
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

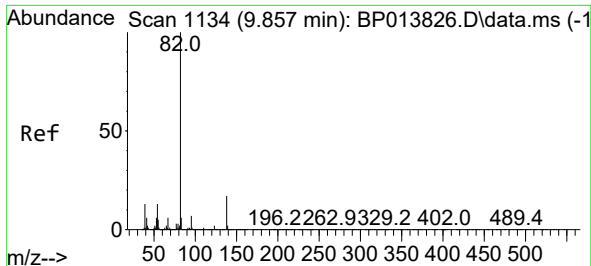
Tgt Ion: 82 Resp: 1035467
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 45.1 35.6 53.4



#24
Nitrobenzene
Concen: 46.723 ng
RT: 9.328 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 77 Resp: 523011
Ion Ratio Lower Upper
77 100
123 44.4 34.7 52.1
65 13.3 10.5 15.7

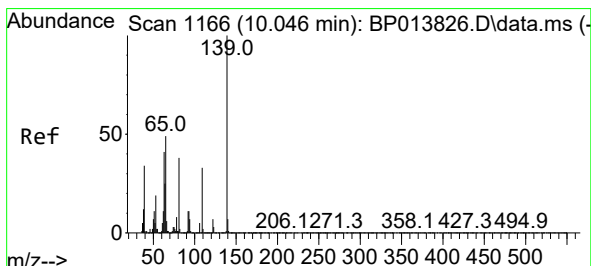
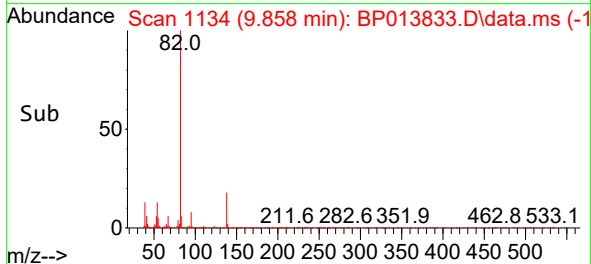
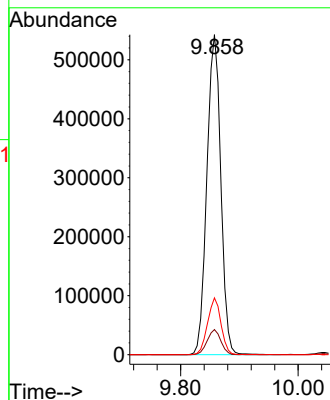
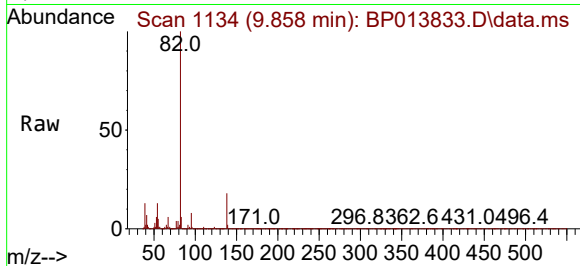




#25
Isophorone
Concen: 42.966 ng
RT: 9.858 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

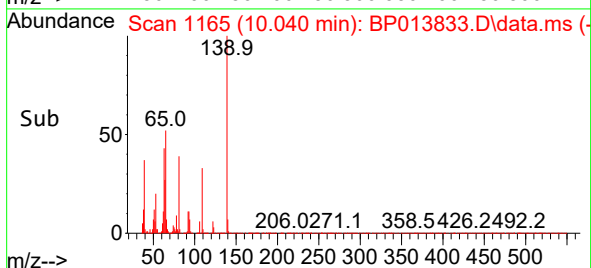
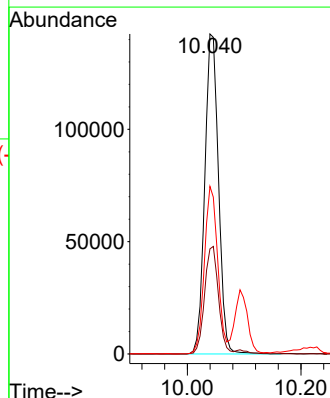
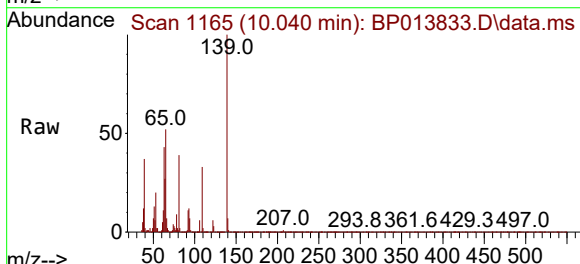
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

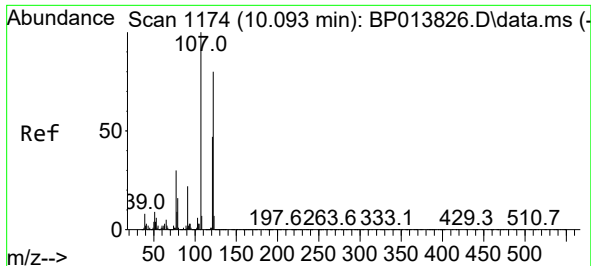
Tgt Ion: 82 Resp: 888163
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 45.259 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:139 Resp: 237847
Ion Ratio Lower Upper
139 100
109 32.9 26.7 40.1
65 52.4 39.4 59.2

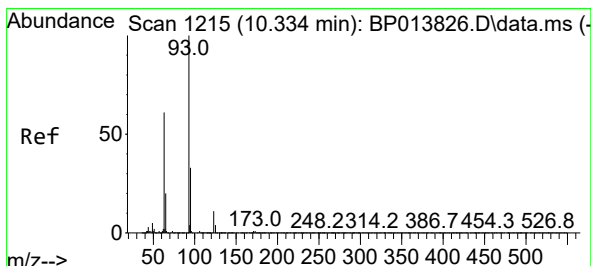
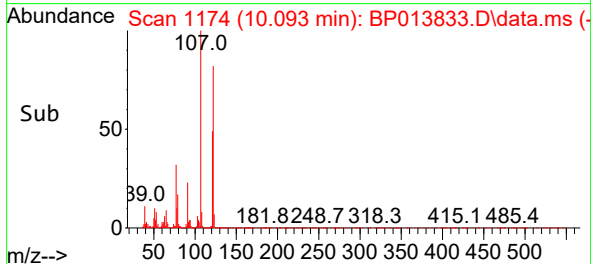
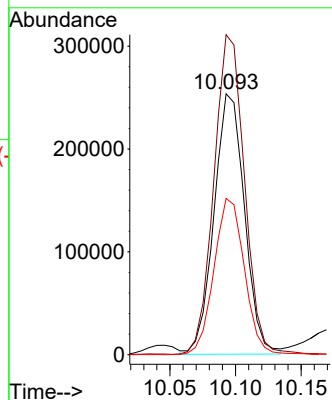
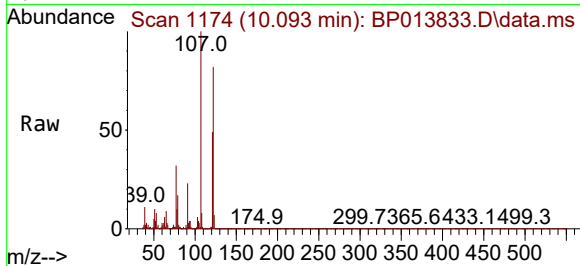




#27
2,4-Dimethylphenol
Concen: 47.368 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

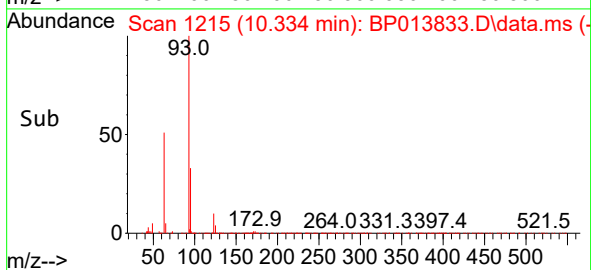
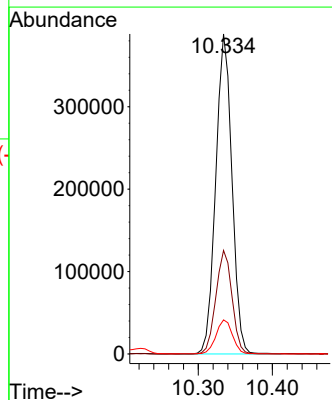
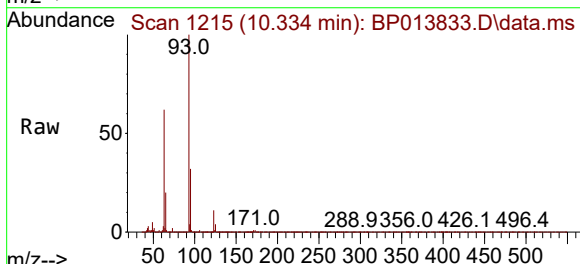
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

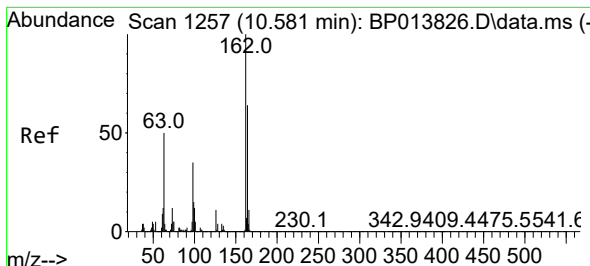
Tgt Ion:122 Resp: 409492
Ion Ratio Lower Upper
122 100
107 122.7 100.0 150.0
121 59.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.575 ng
RT: 10.334 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 93 Resp: 588197
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 10.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 47.104 ng

RT: 10.575 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

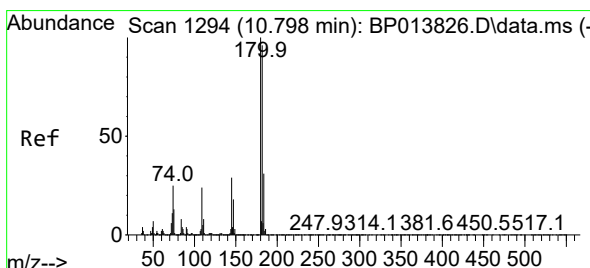
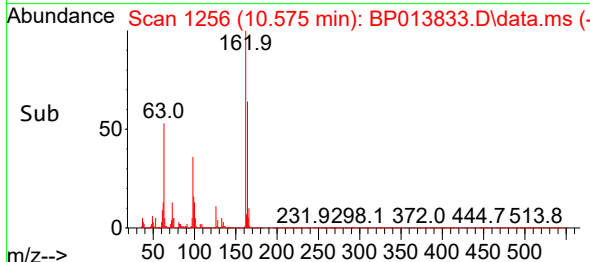
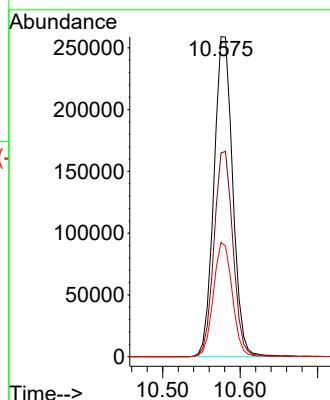
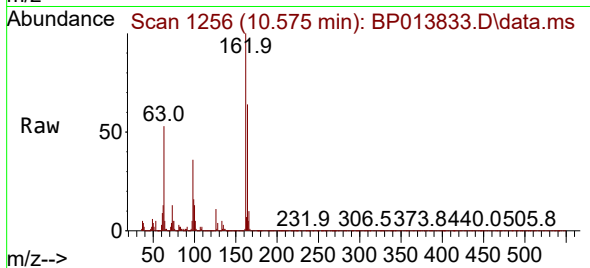
Tgt Ion:162 Resp: 436890

Ion Ratio Lower Upper

162 100

164 63.7 44.4 84.4

98 35.7 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 47.191 ng

RT: 10.799 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

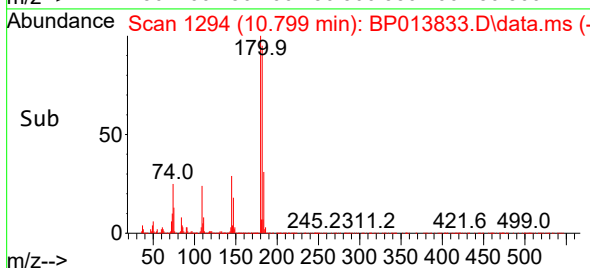
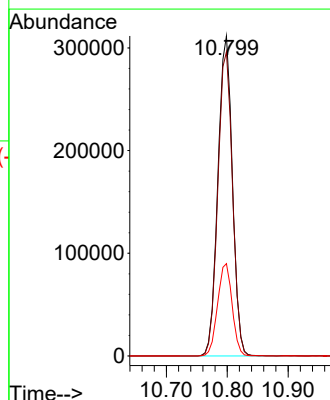
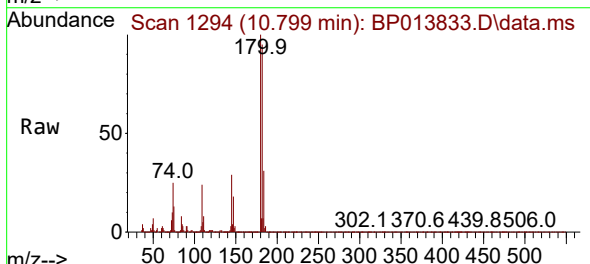
Tgt Ion:180 Resp: 513615

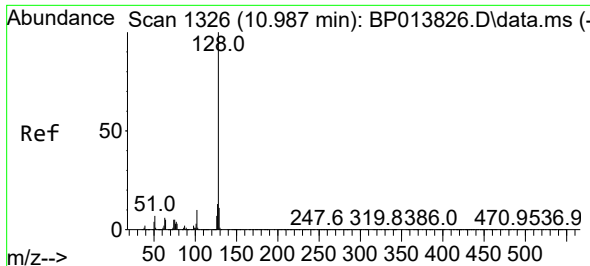
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 28.8 22.9 34.3

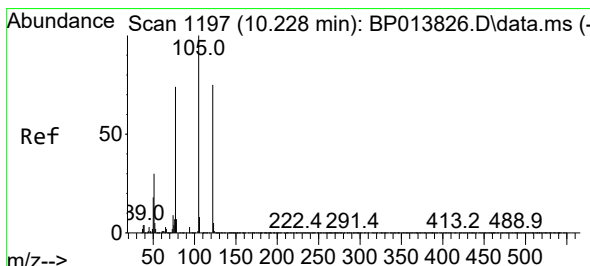
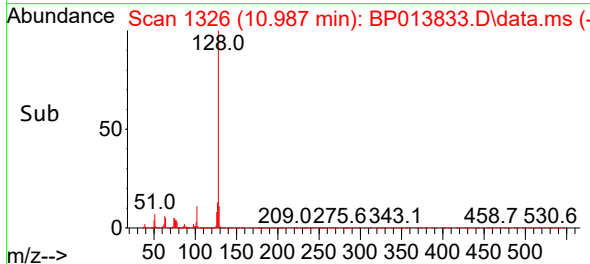
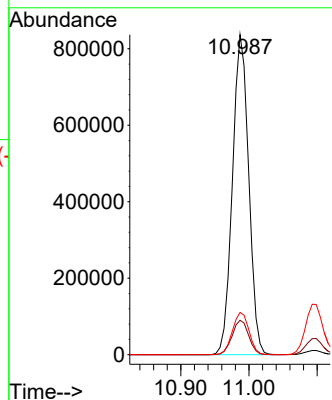
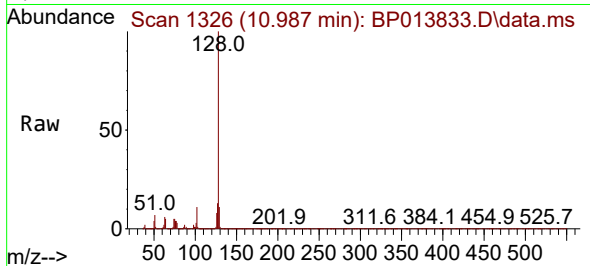




#31
Naphthalene
Concen: 43.709 ng
RT: 10.987 min Scan# 11196
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

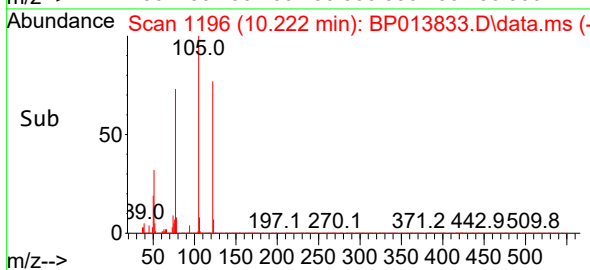
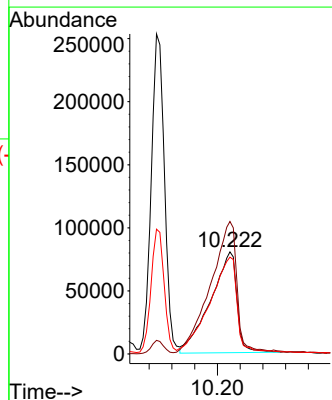
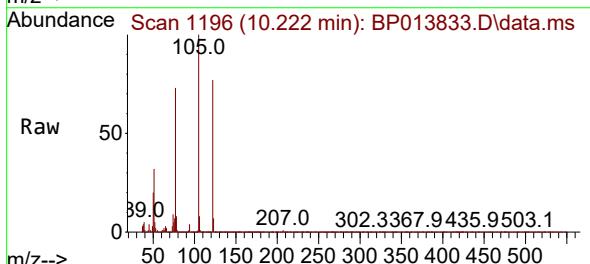
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

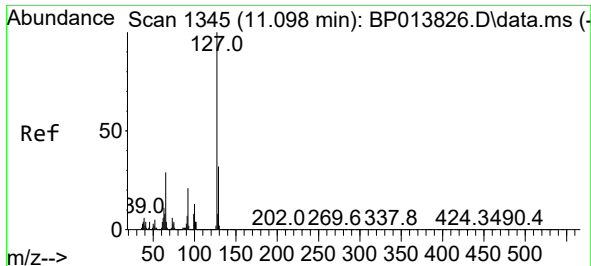
Tgt Ion:128 Resp: 1388095
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 39.053 ng
RT: 10.222 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:122 Resp: 258994
Ion Ratio Lower Upper
122 100
105 129.8 107.4 147.4
77 94.7 76.0 116.0

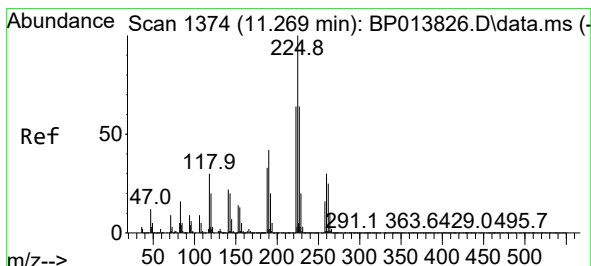
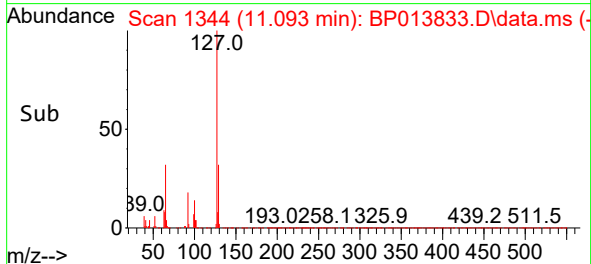
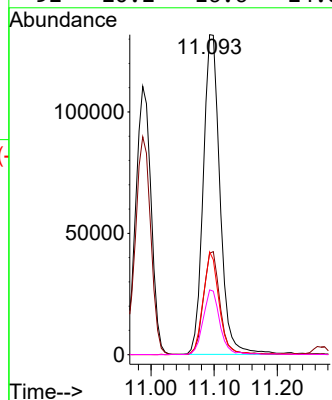
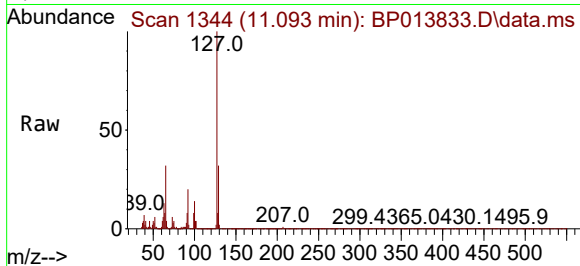




#33
4-Chloroaniline
Concen: 18.194 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

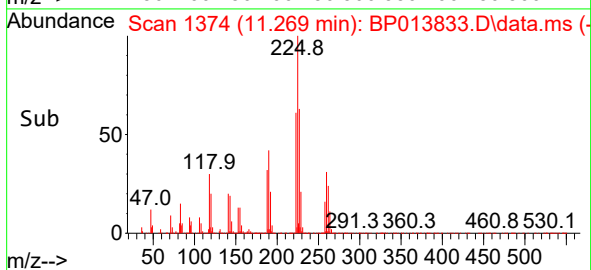
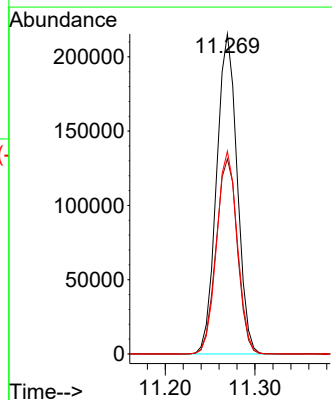
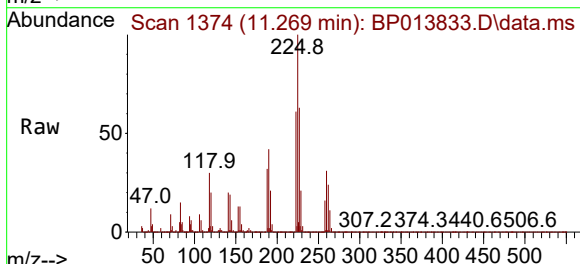
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

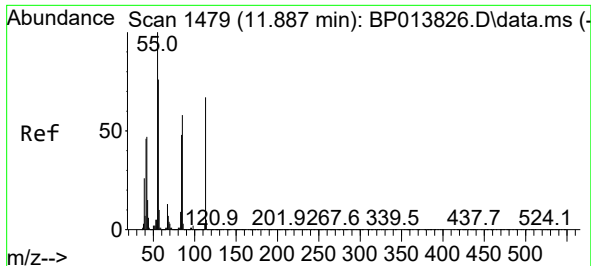
Tgt Ion:	127	Resp:	242618
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	32.1	23.4	35.2
92	20.2	16.6	24.8



#34
Hexachlorobutadiene
Concen: 47.431 ng
RT: 11.269 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:	225	Resp:	343054
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.4
227	63.4	51.6	77.4

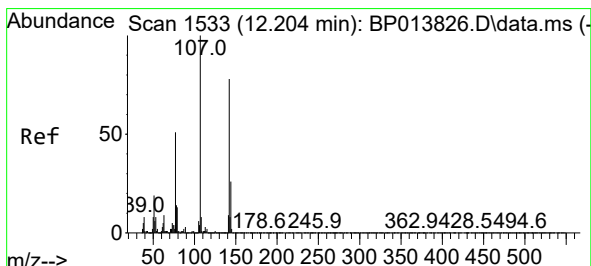
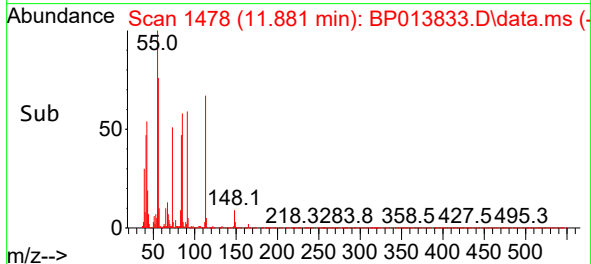
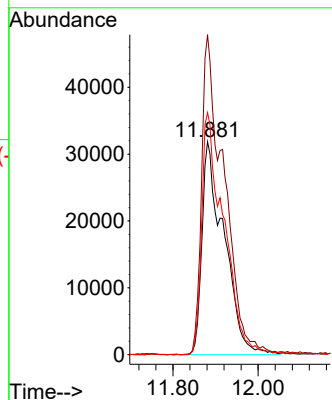
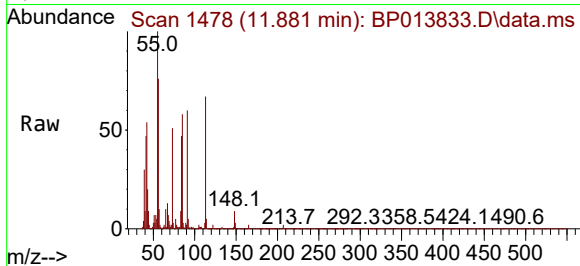




#35
Caprolactam
Concen: 38.413 ng
RT: 11.881 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

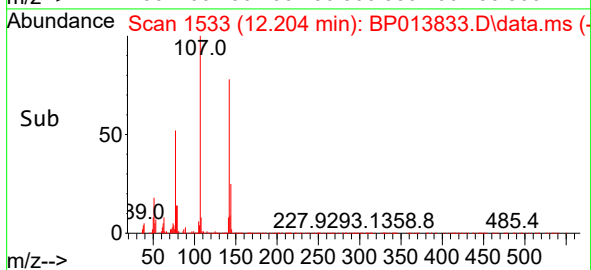
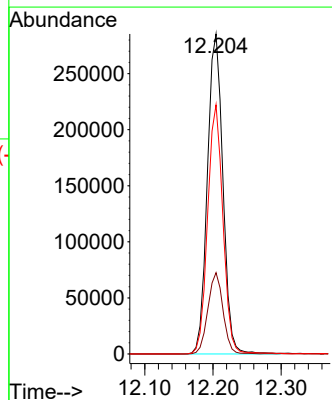
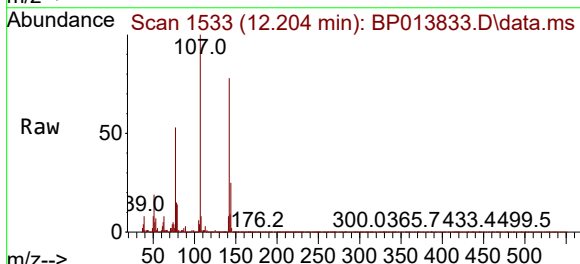
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

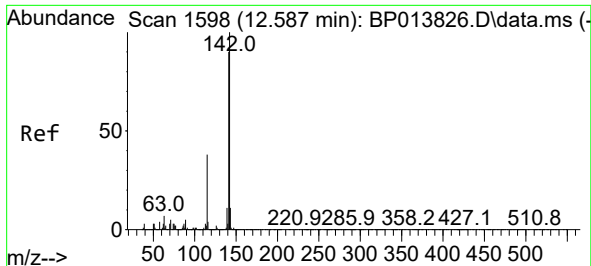
Tgt Ion:113 Resp: 113751
Ion Ratio Lower Upper
113 100
55 150.3 128.5 168.5
56 113.7 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 43.771 ng
RT: 12.204 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:107 Resp: 452379
Ion Ratio Lower Upper
107 100
144 25.4 20.4 30.6
142 77.8 62.2 93.4

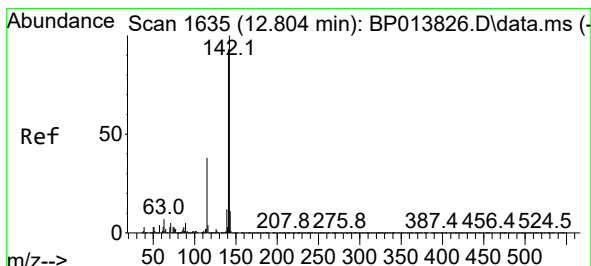
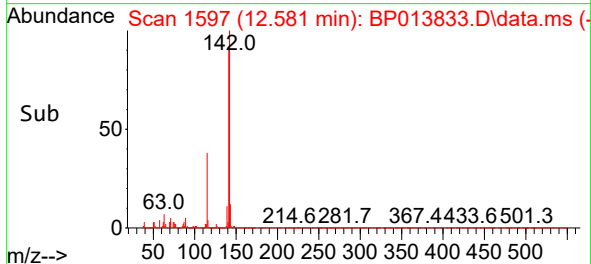
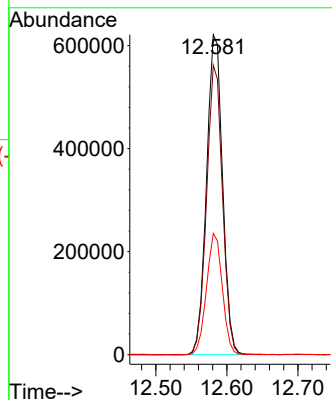
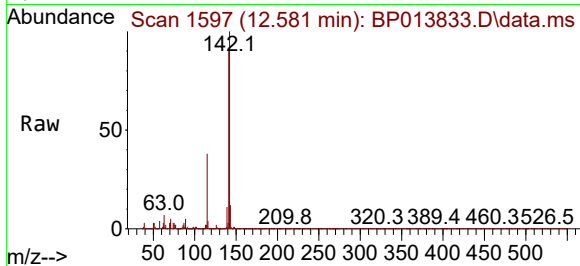




#37
2-Methylnaphthalene
Concen: 42.414 ng
RT: 12.581 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

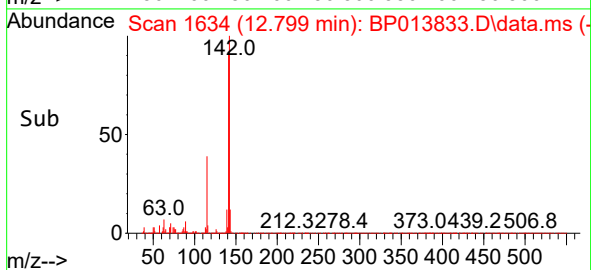
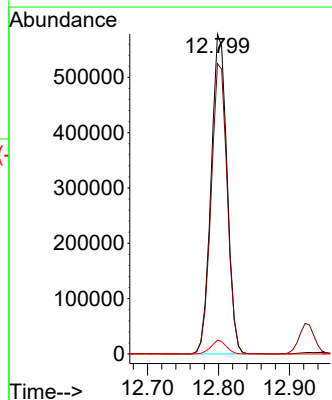
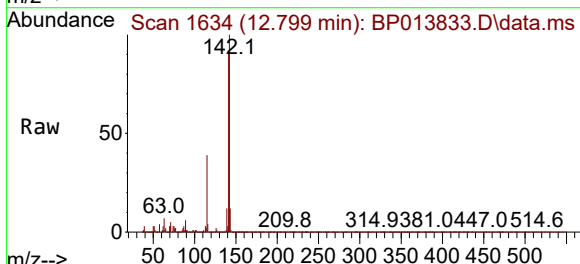
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

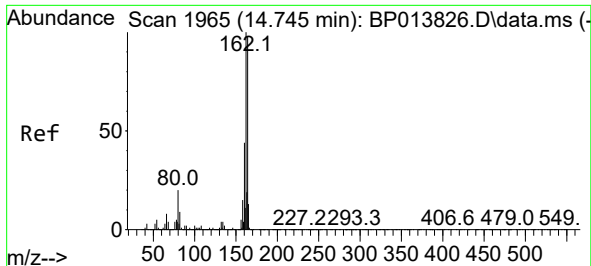
Tgt Ion:142 Resp: 975048
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1
115 37.9 30.2 45.4



#38
1-Methylnaphthalene
Concen: 41.856 ng
RT: 12.799 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:142 Resp: 900540
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4
116 4.3 3.3 4.9

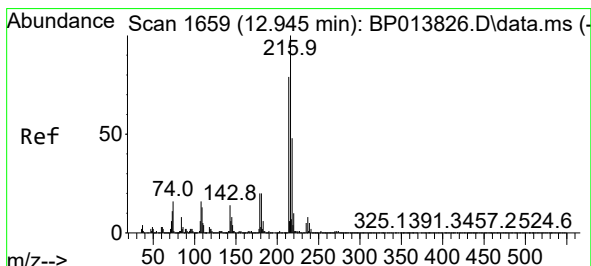
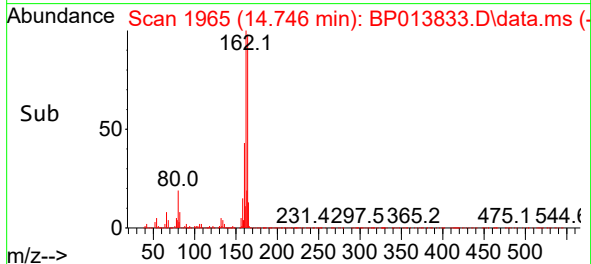
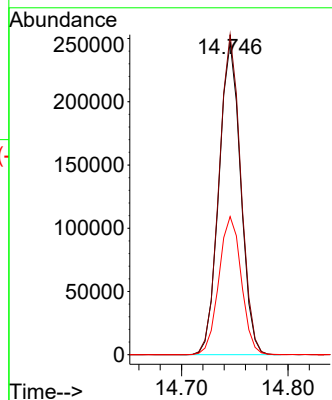
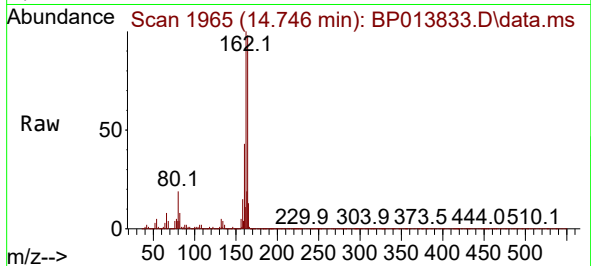




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

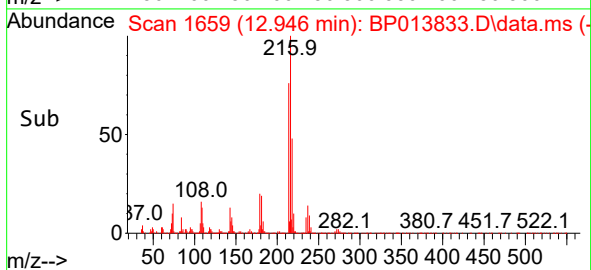
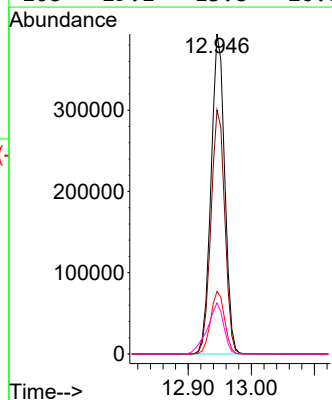
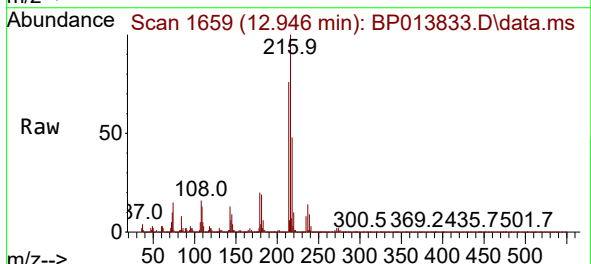
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

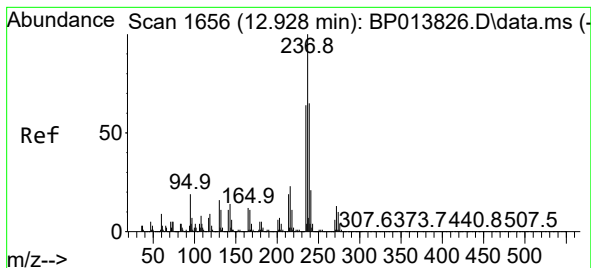
Tgt Ion:164 Resp: 348533
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 44.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.967 ng
RT: 12.946 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:216 Resp: 590349
Ion Ratio Lower Upper
216 100
214 77.4 63.0 94.4
179 20.0 16.0 24.0
108 19.1 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 113.619 ng

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

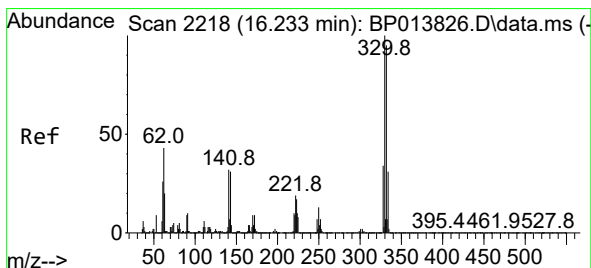
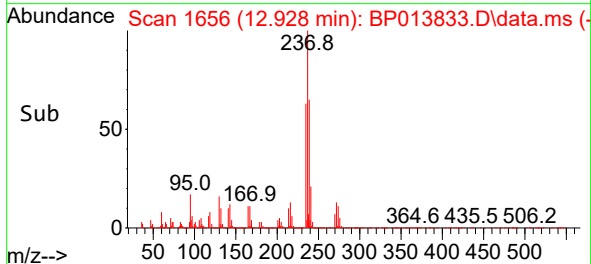
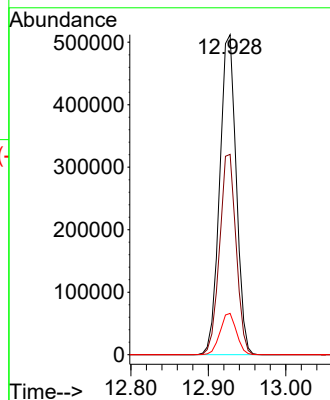
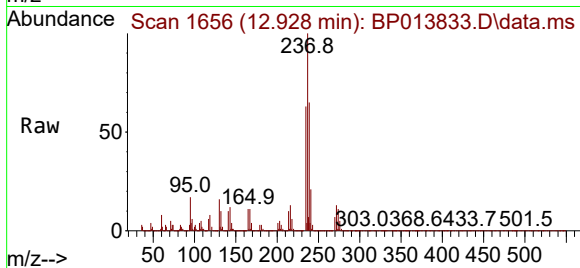
Tgt Ion:237 Resp: 758592

Ion Ratio Lower Upper

237 100

235 62.6 44.3 84.3

272 12.9 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 132.835 ng

RT: 16.234 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

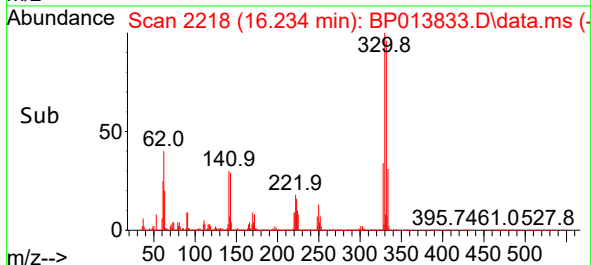
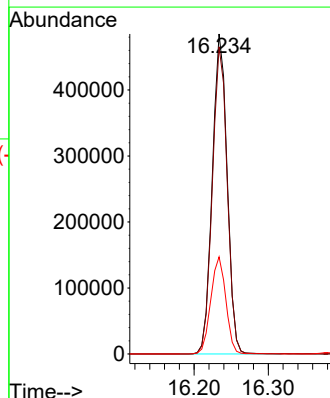
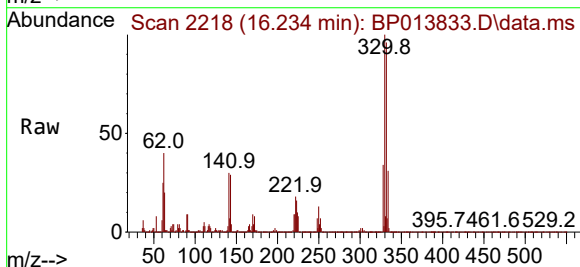
Tgt Ion:330 Resp: 673938

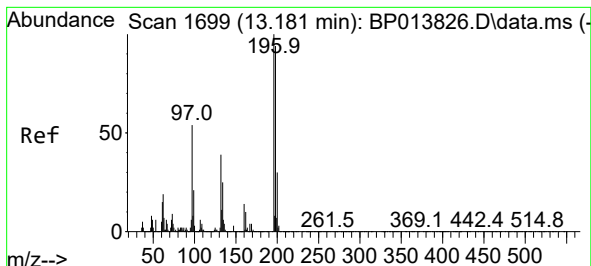
Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

141 30.7 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 46.219 ng

RT: 13.181 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

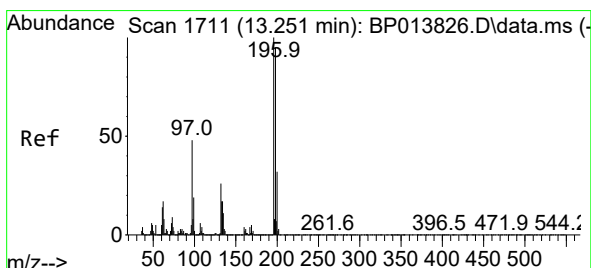
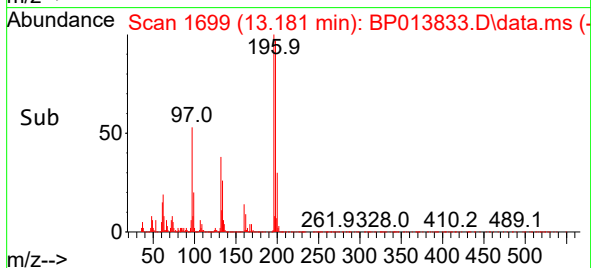
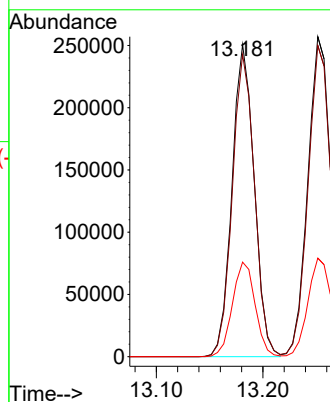
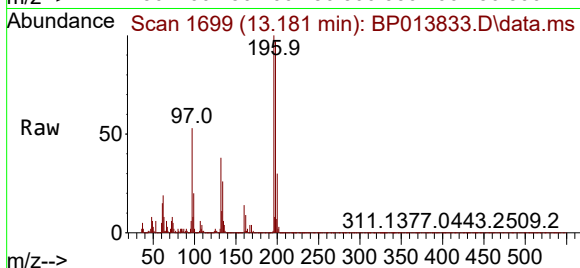
Tgt Ion:196 Resp: 363428

Ion Ratio Lower Upper

196 100

198 96.9 75.5 113.3

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.014 ng

RT: 13.251 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Tgt Ion:196 Resp: 392638

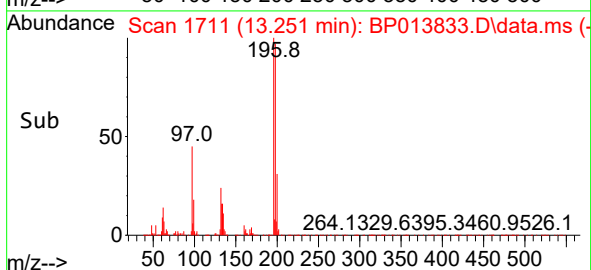
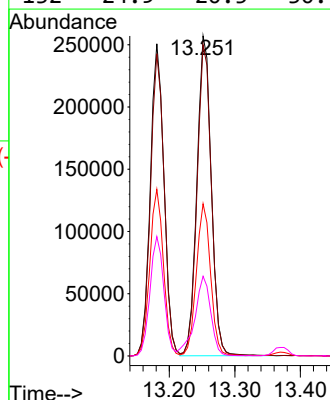
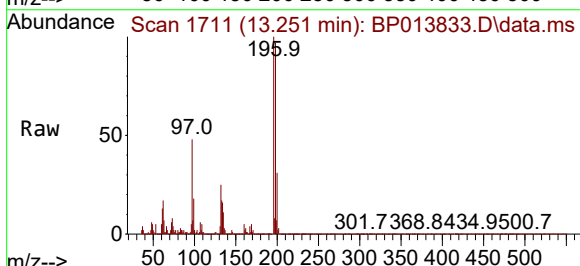
Ion Ratio Lower Upper

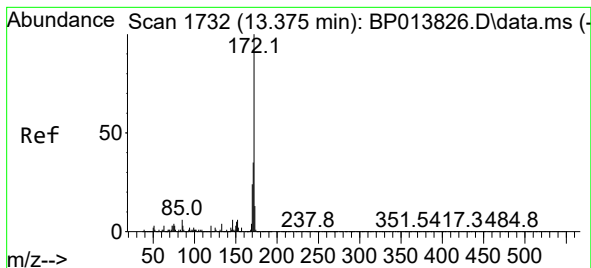
196 100

198 97.2 76.1 114.1

97 47.5 38.8 58.2

132 24.9 20.5 30.7





#45

2-Fluorobiphenyl

Concen: 89.341 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

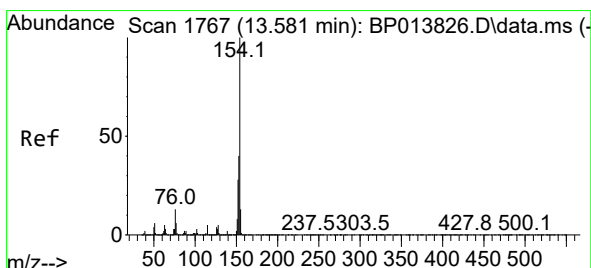
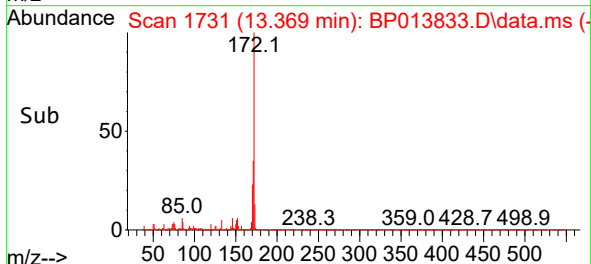
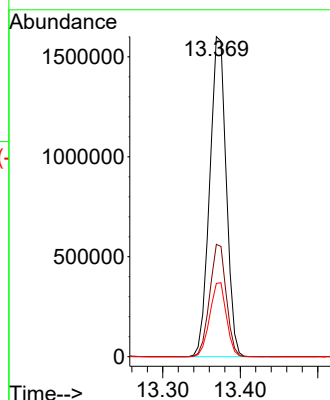
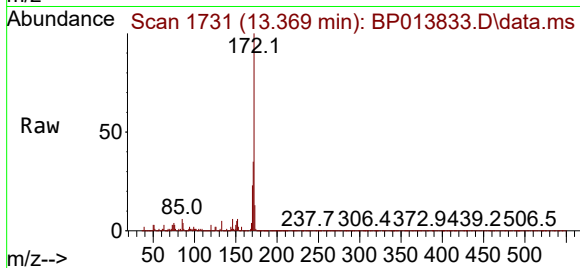
Tgt Ion:172 Resp: 2370687

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.210 ng

RT: 13.581 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

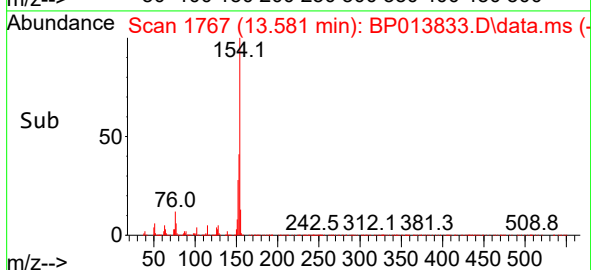
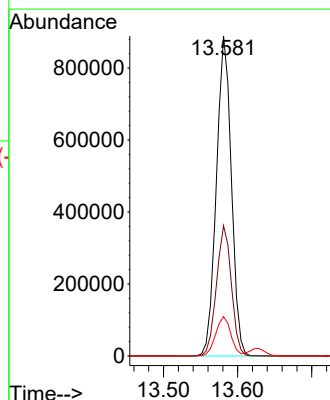
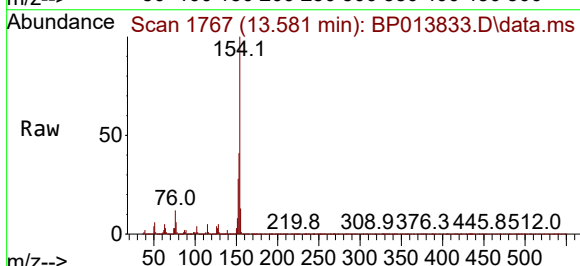
Tgt Ion:154 Resp: 1245416

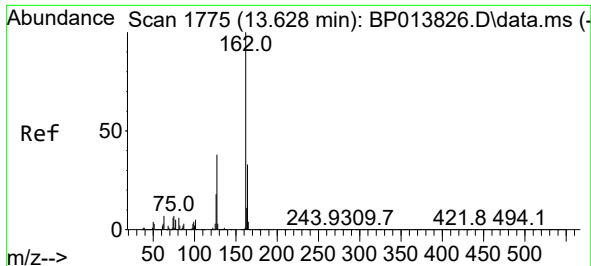
Ion Ratio Lower Upper

154 100

153 40.7 19.9 59.9

76 12.3 0.0 32.8

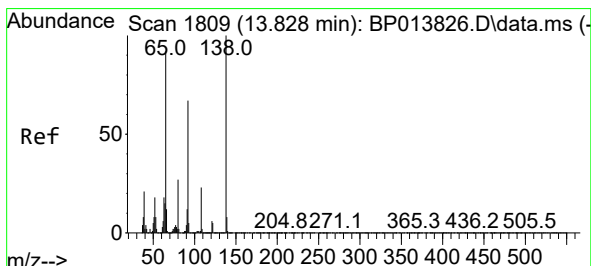
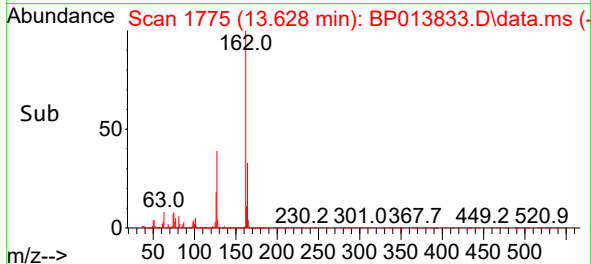
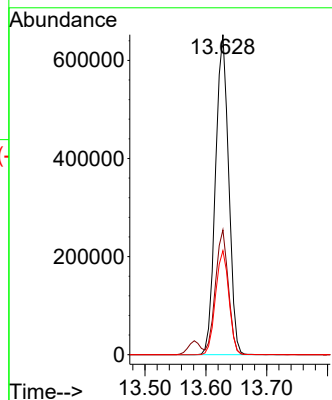
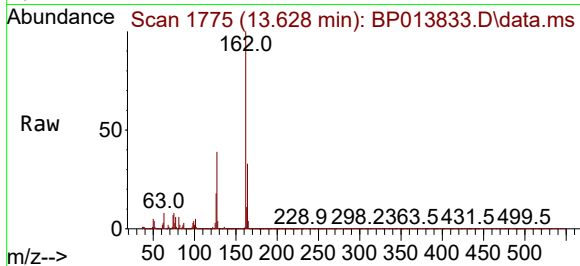




#47
2-Chloronaphthalene
Concen: 45.633 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

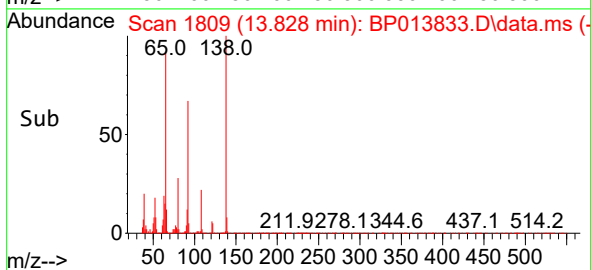
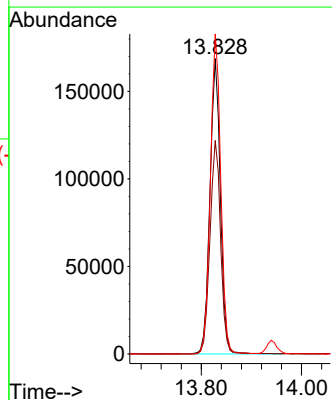
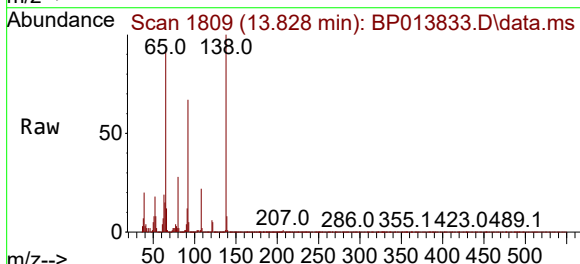
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

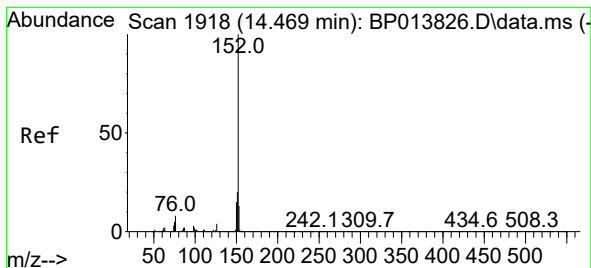
Tgt Ion:162 Resp: 979373
Ion Ratio Lower Upper
162 100
127 39.0 30.8 46.2
164 32.5 26.3 39.5



#48
2-Nitroaniline
Concen: 40.616 ng
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion: 65 Resp: 244337
Ion Ratio Lower Upper
65 100
92 72.3 58.7 88.1
138 108.3 87.3 130.9





#49

Acenaphthylene

Concen: 43.684 ng

RT: 14.469 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

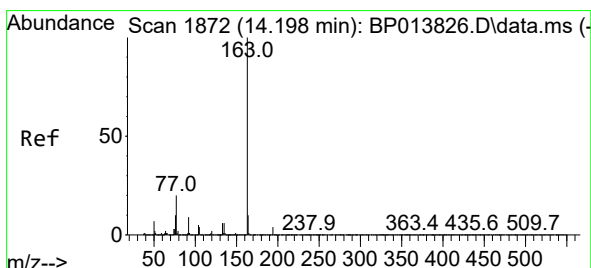
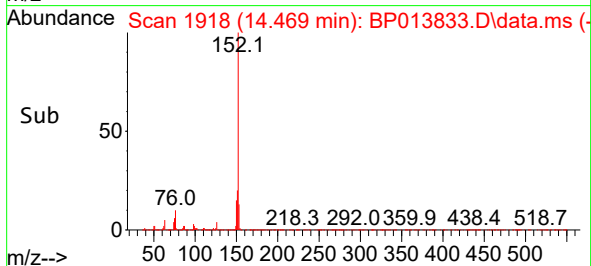
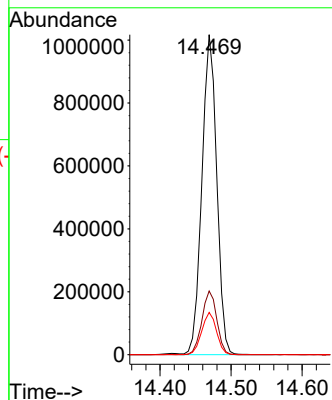
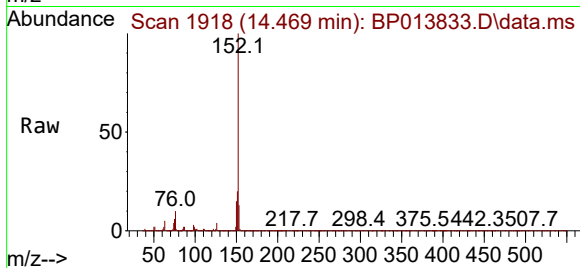
Tgt Ion:152 Resp: 1477869

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 41.824 ng

RT: 14.198 min Scan# 1872

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

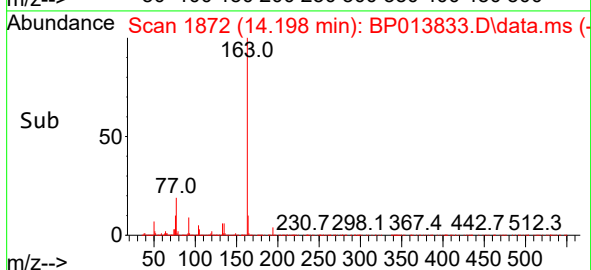
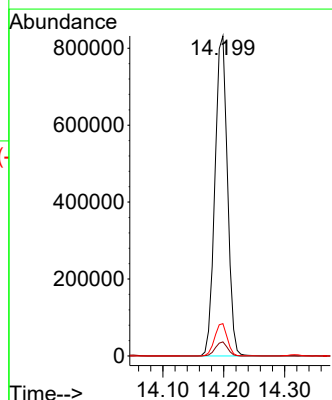
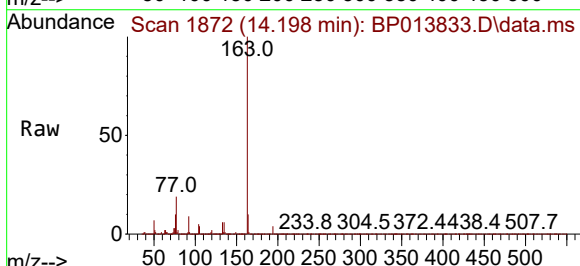
Tgt Ion:163 Resp: 1186187

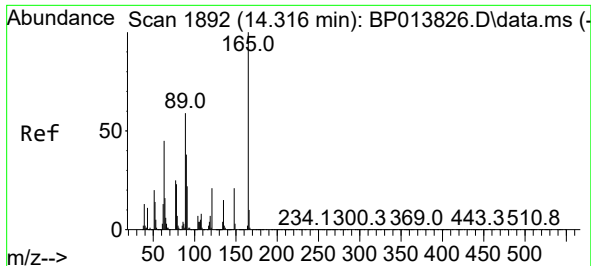
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.0 12.0

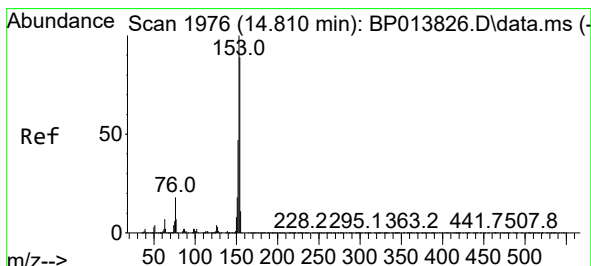
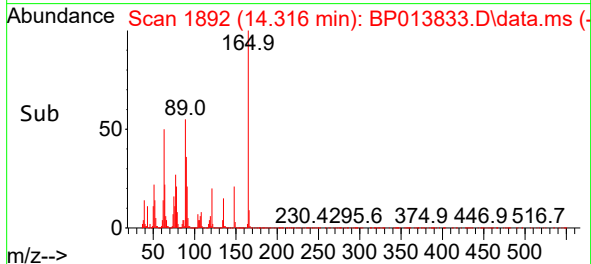
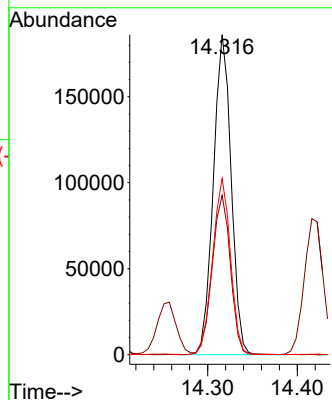
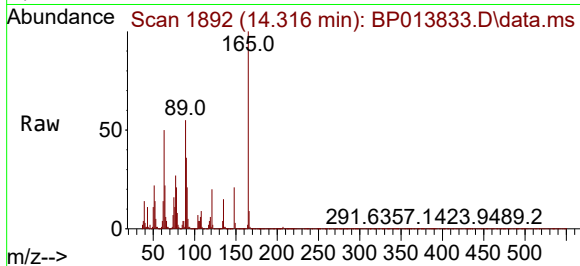




#51
2,6-Dinitrotoluene
Concen: 41.570 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

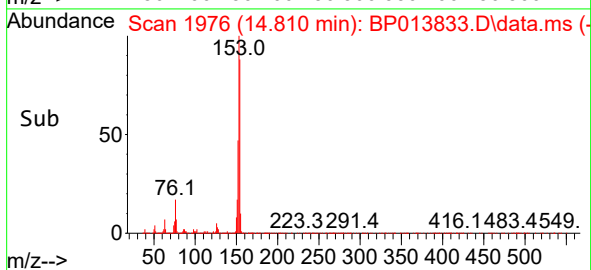
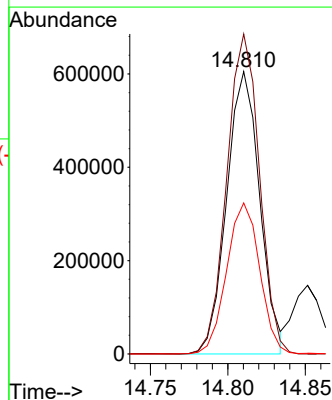
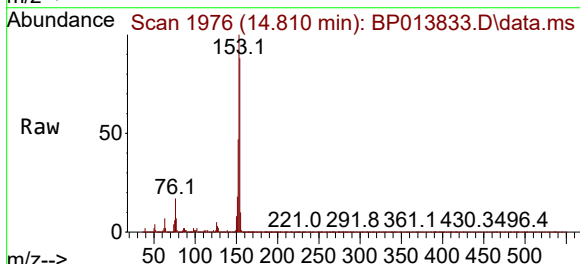
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

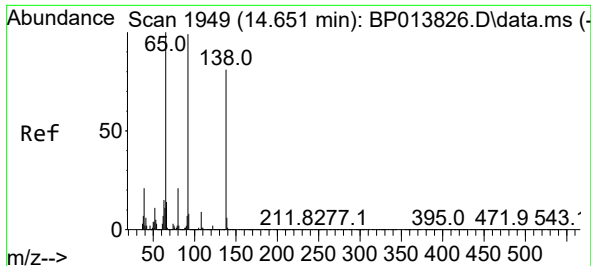
Tgt Ion:165 Resp: 256029
Ion Ratio Lower Upper
165 100
63 49.8 42.6 63.8
89 55.0 47.1 70.7



#52
Acenaphthene
Concen: 43.549 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:154 Resp: 896540
Ion Ratio Lower Upper
154 100
153 113.3 90.4 135.6
152 53.5 42.6 64.0

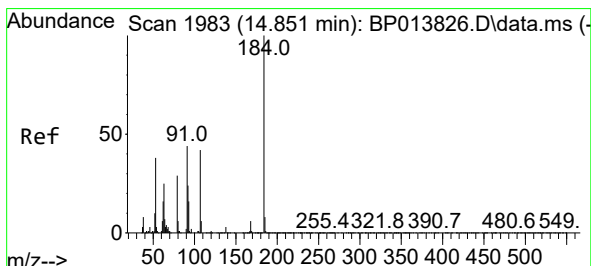
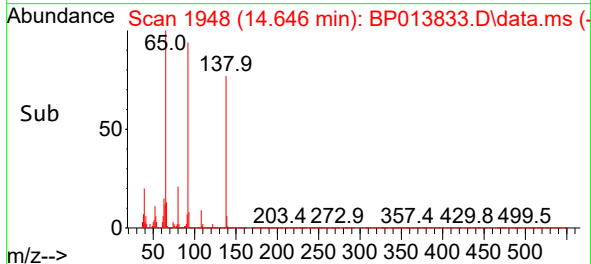
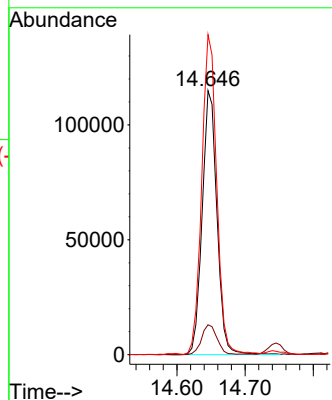
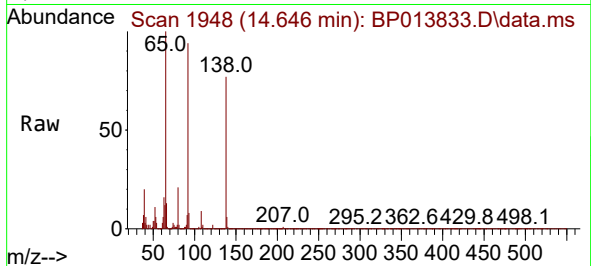




#53
3-Nitroaniline
Concen: 27.673 ng
RT: 14.646 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

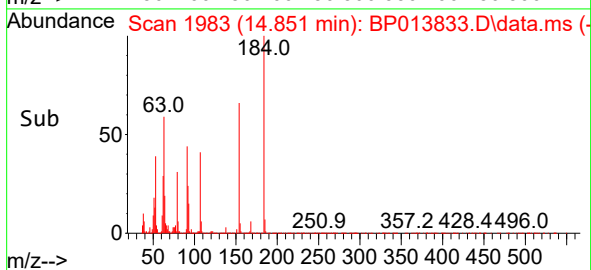
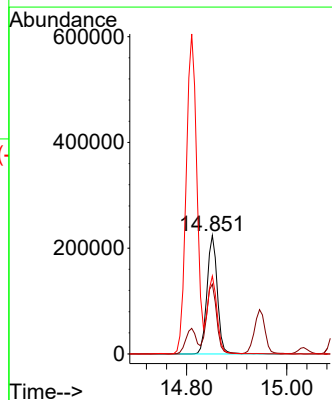
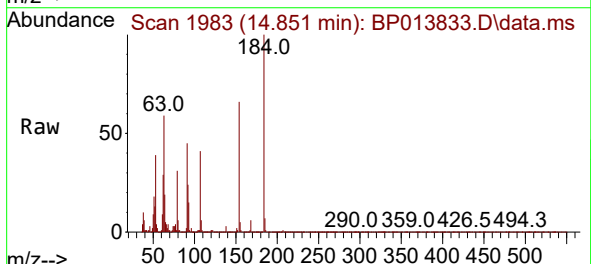
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

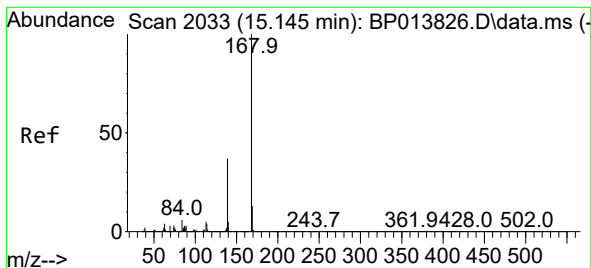
Tgt Ion:138 Resp: 172825
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 121.2 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 78.882 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:184 Resp: 321256
Ion Ratio Lower Upper
184 100
63 58.9 47.0 70.4
154 65.7 51.5 77.3





#55

Dibenzenofuran

Concen: 42.101 ng

RT: 15.146 min Scan# 2033

Delta R.T. 0.001 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

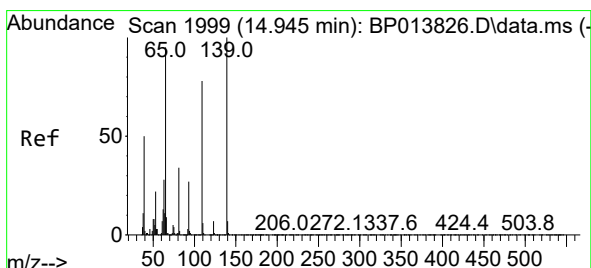
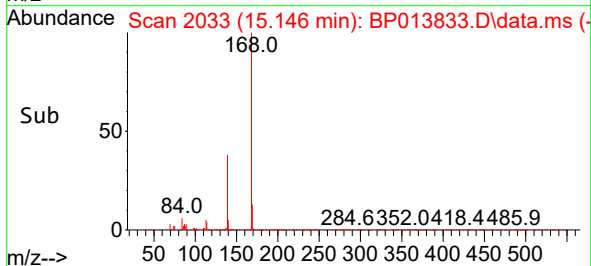
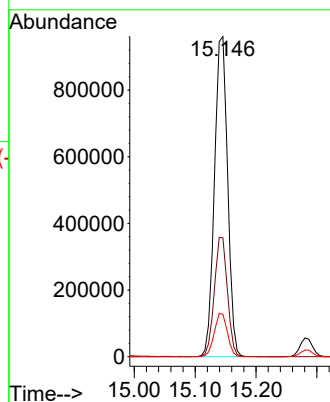
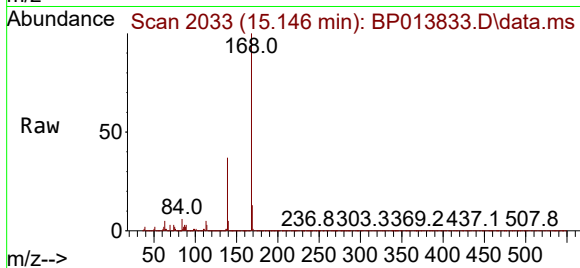
Tgt Ion:168 Resp: 1442116

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.8

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 83.728 ng

RT: 14.946 min Scan# 1999

Delta R.T. 0.001 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

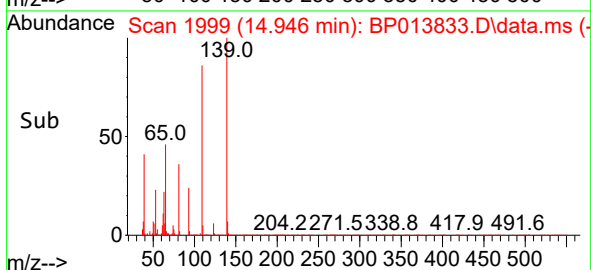
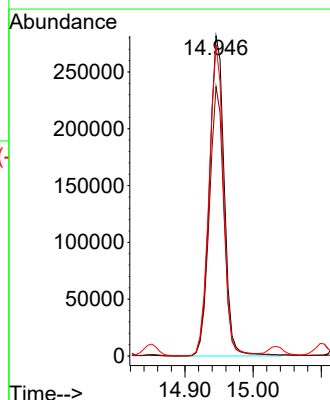
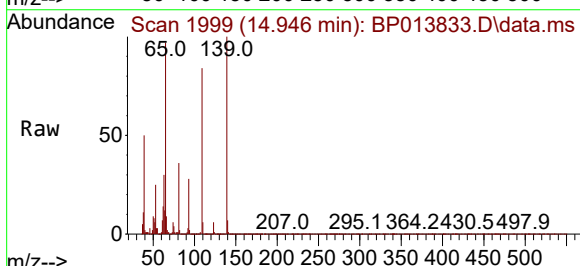
Tgt Ion:139 Resp: 424466

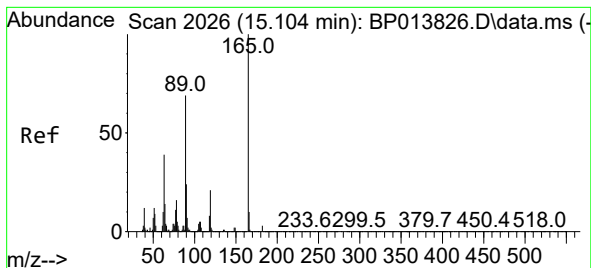
Ion Ratio Lower Upper

139 100

109 84.1 58.2 98.2

65 97.3 74.9 114.9

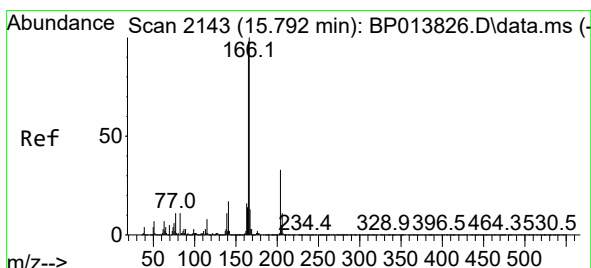
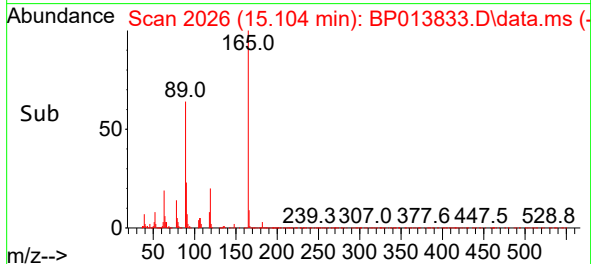
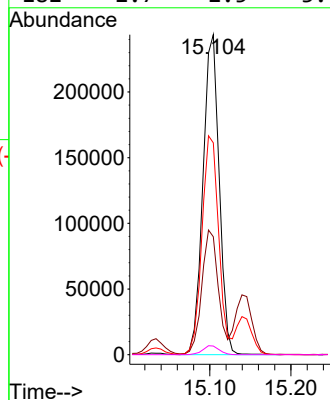
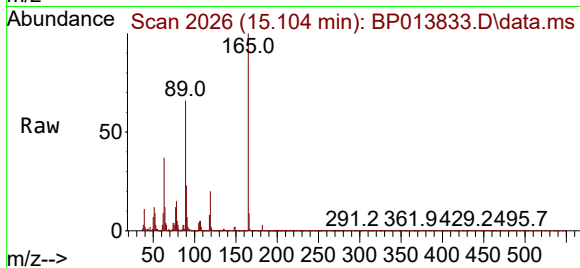




#57
2,4-Dinitrotoluene
Concen: 40.796 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

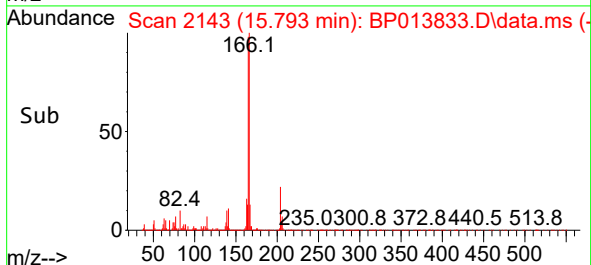
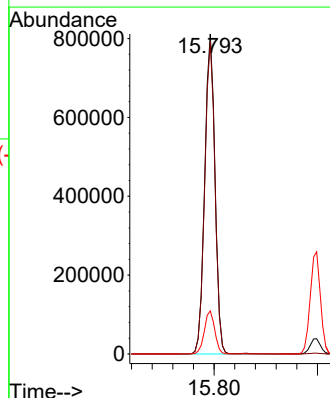
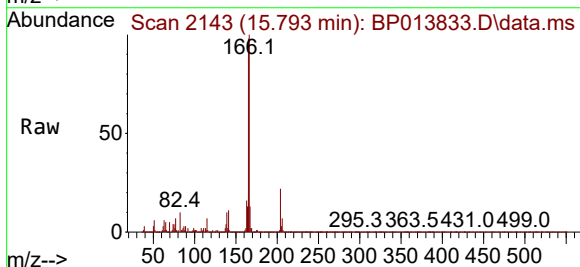
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

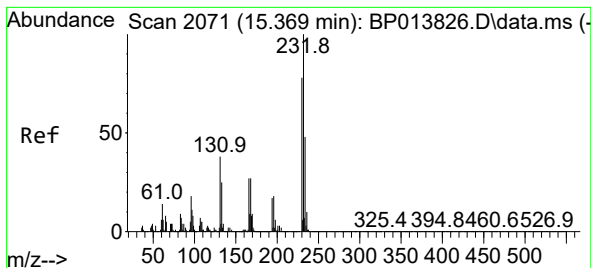
Tgt Ion:165 Resp: 337411
Ion Ratio Lower Upper
165 100
63 36.9 31.1 46.7
89 66.2 54.9 82.3
182 2.7 2.5 3.7



#58
Fluorene
Concen: 41.608 ng
RT: 15.793 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:166 Resp: 1117536
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.5 10.7 16.1

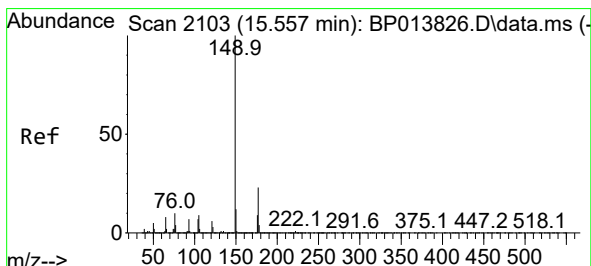
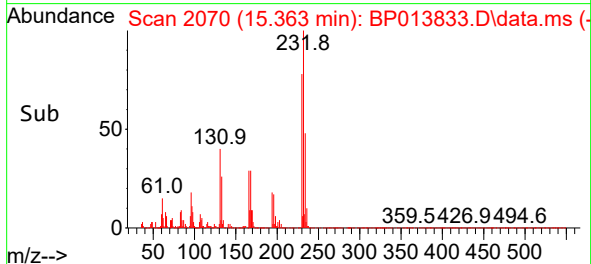
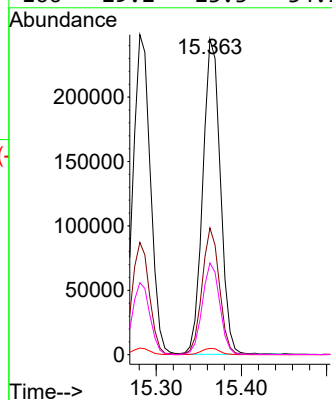
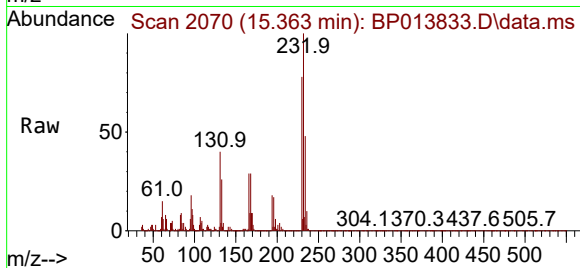




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.573 ng
RT: 15.363 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

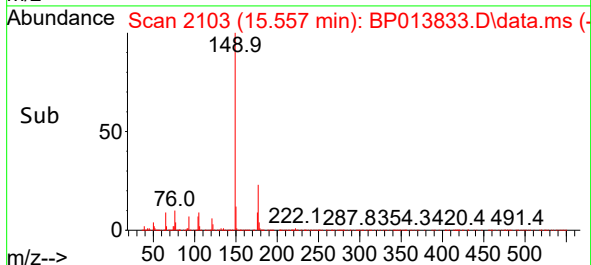
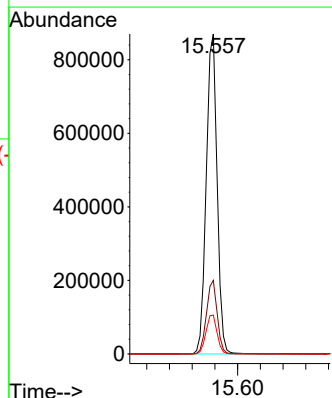
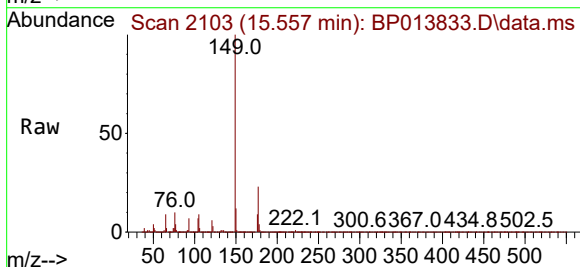
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

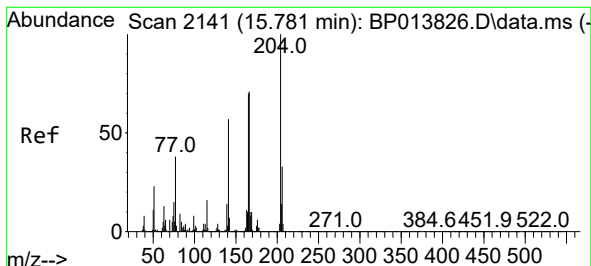
Tgt Ion:232	Resp:	350559
Ion Ratio	Lower	Upper
232	100	
131	39.6	31.7 47.5
130	2.1	1.7 2.5
166	29.2	23.3 34.9



#60
Diethylphthalate
Concen: 41.477 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:149	Resp:	1147062
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.4 27.6
150	12.2	9.8 14.8

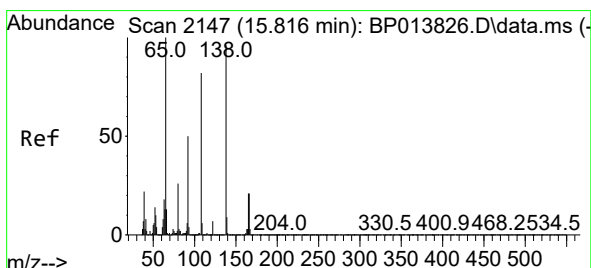
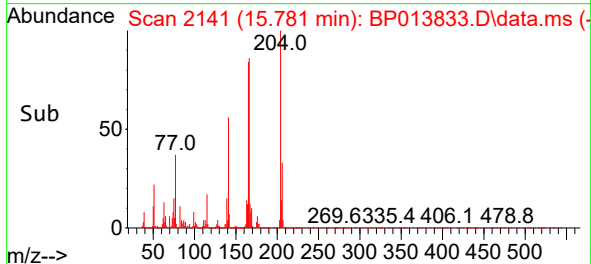
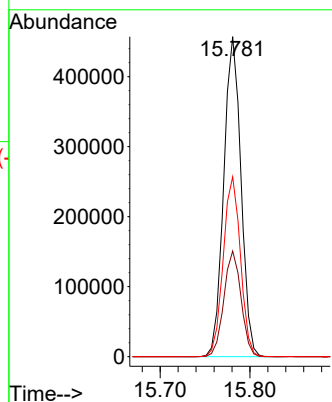
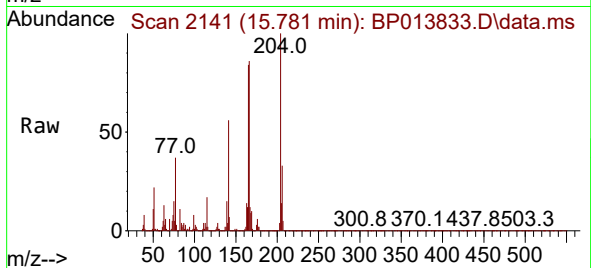




#61
4-Chlorophenyl-phenylether
Concen: 41.828 ng
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

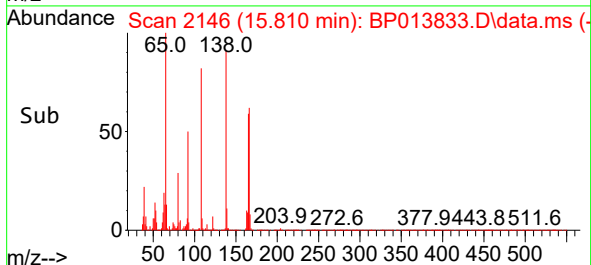
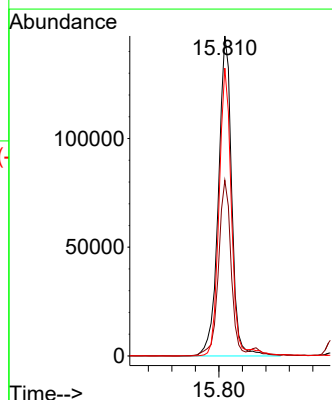
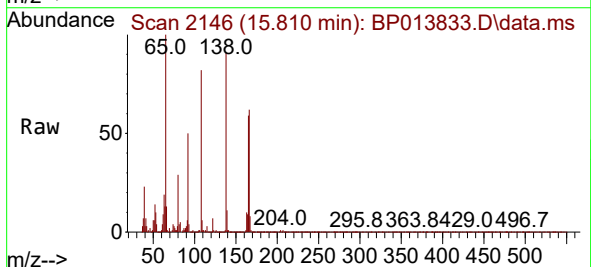
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

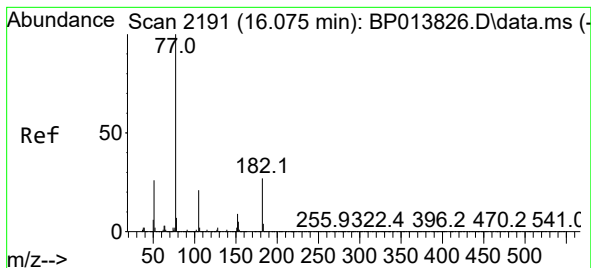
Tgt Ion:204 Resp: 608699
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 56.2 45.3 67.9



#62
4-Nitroaniline
Concen: 35.586 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:138 Resp: 231585
Ion Ratio Lower Upper
138 100
92 54.9 32.0 72.0
108 90.0 65.6 105.6





#63

Azobenzene

Concen: 42.257 ng

RT: 16.075 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

Tgt Ion: 77 Resp: 1057312

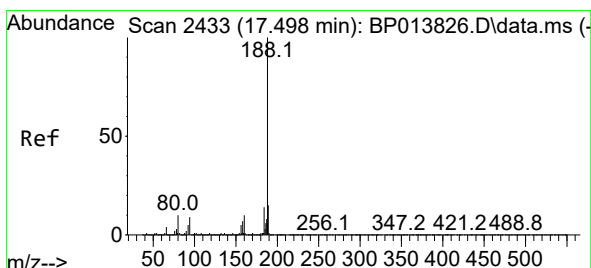
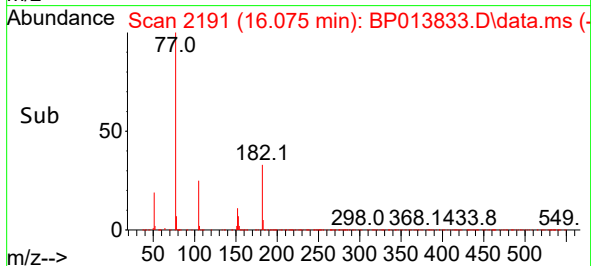
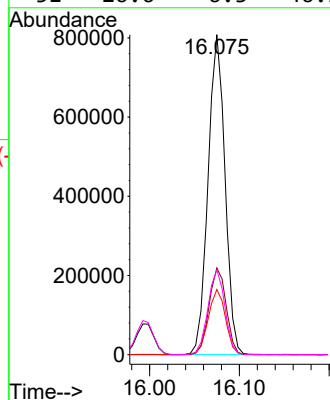
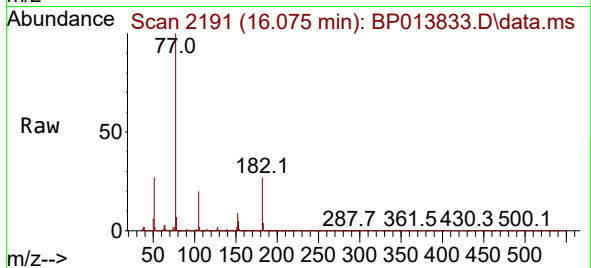
Ion Ratio Lower Upper

77 100

182 27.1 6.9 46.9

105 20.3 1.1 41.1

51 26.6 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

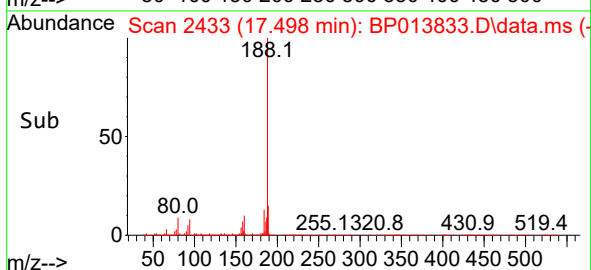
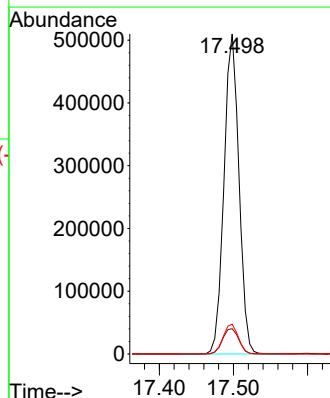
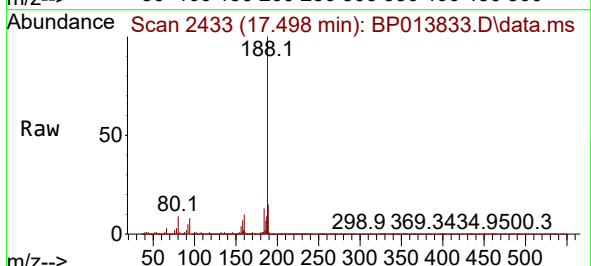
Tgt Ion:188 Resp: 714084

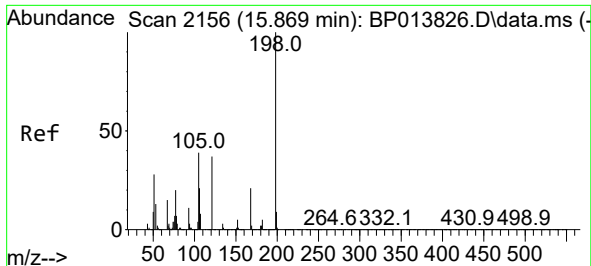
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 9.3 7.8 11.8

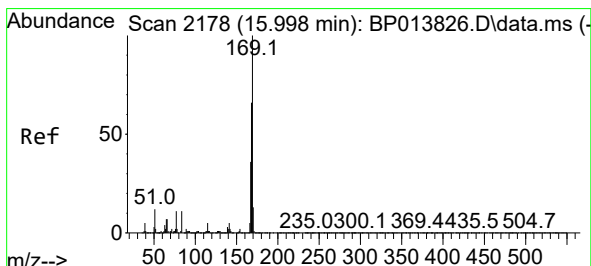
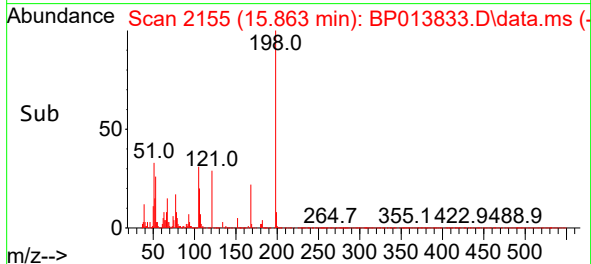
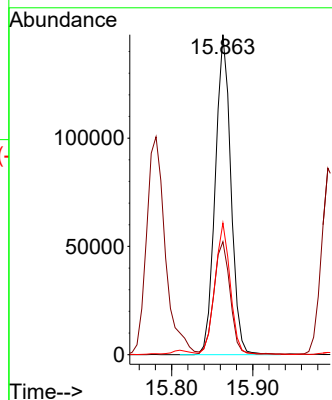
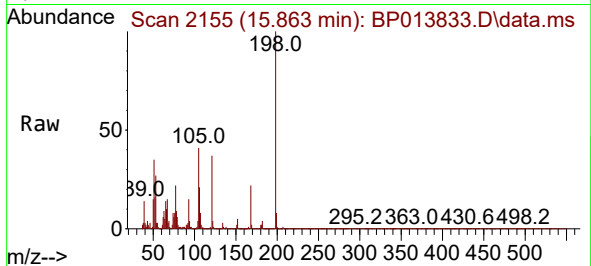




#65
4,6-Dinitro-2-methylphenol
Concen: 40.095 ng
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

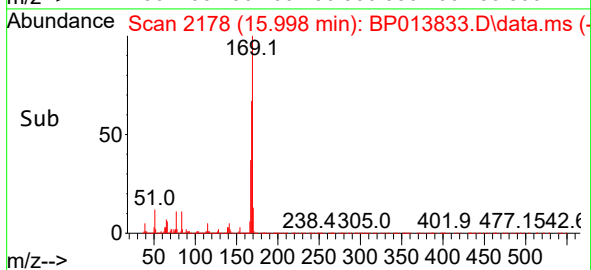
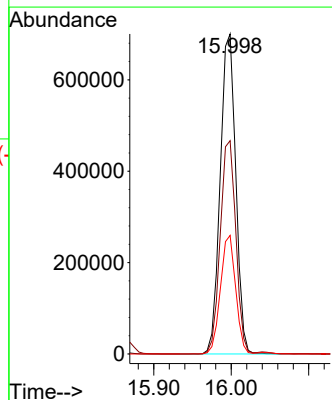
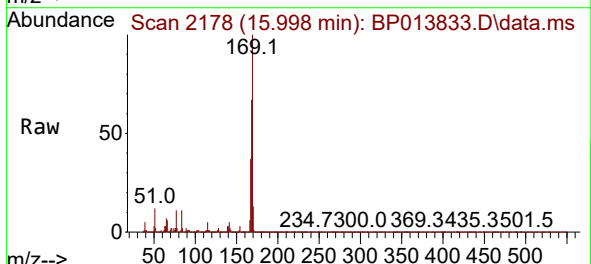
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

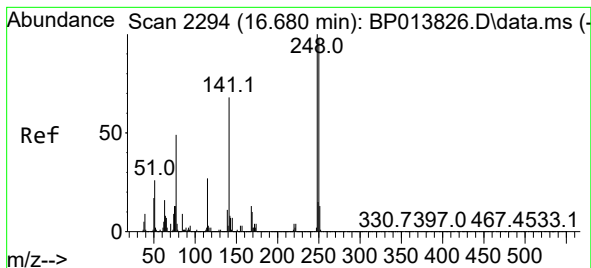
Tgt Ion:198 Resp: 197678
Ion Ratio Lower Upper
198 100
51 35.3 14.3 54.3
105 41.2 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 45.087 ng
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:169 Resp: 975195
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 37.1 29.0 43.4

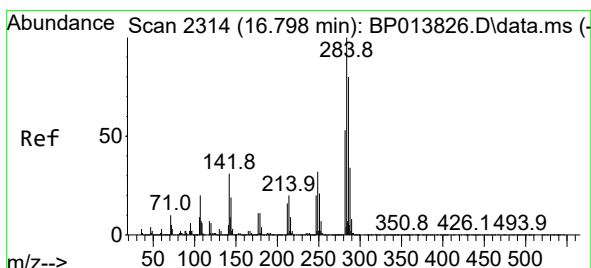
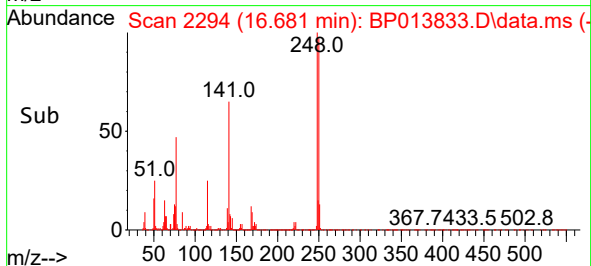
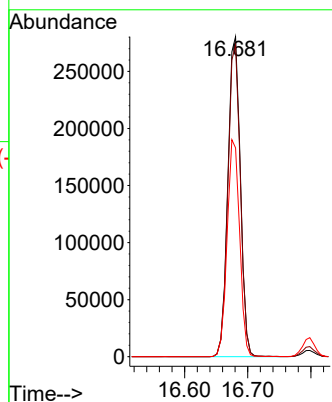
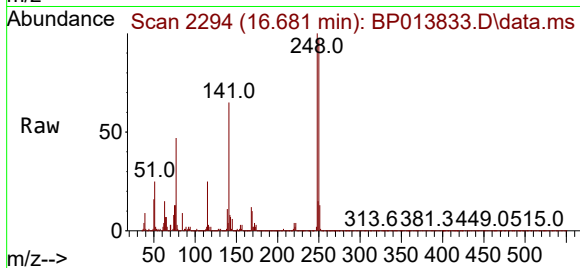




#67
4-Bromophenyl-phenylether
Concen: 45.594 ng
RT: 16.681 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

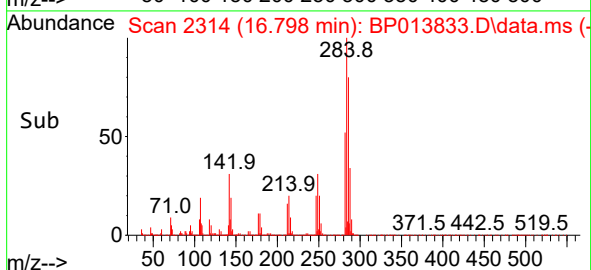
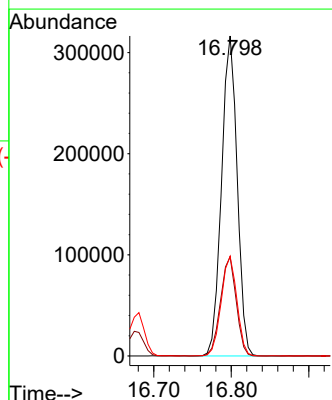
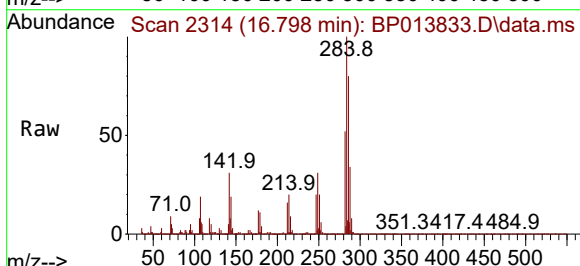
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

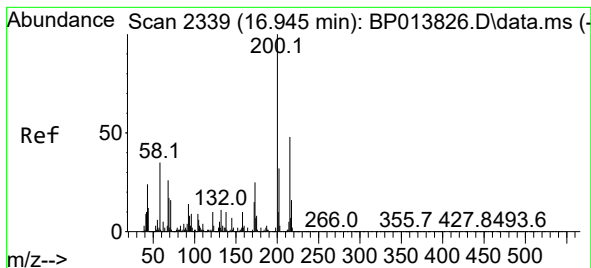
Tgt Ion:248 Resp: 384283
Ion Ratio Lower Upper
248 100
250 97.4 78.1 117.1
141 65.3 54.3 81.5



#68
Hexachlorobenzene
Concen: 48.114 ng
RT: 16.798 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:284 Resp: 442671
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 31.1 25.8 38.6





#69

Atrazine

Concen: 47.295 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

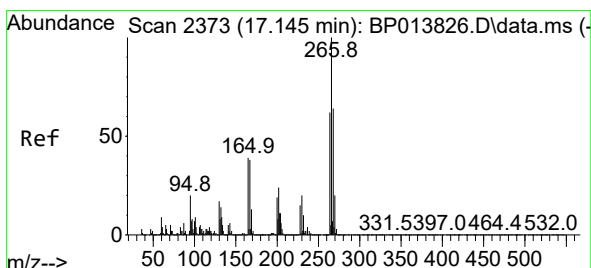
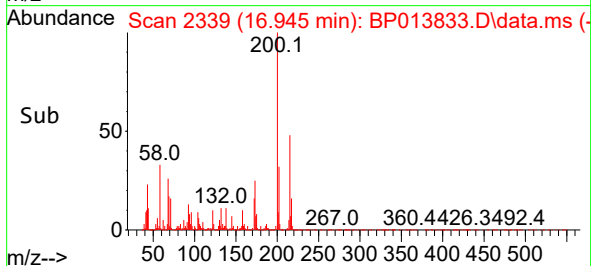
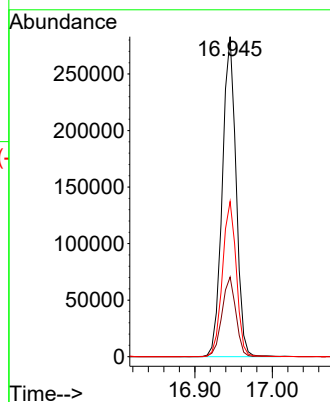
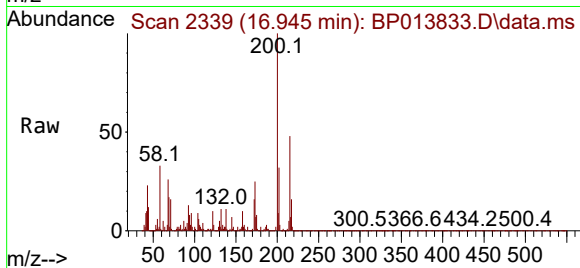
Tgt Ion:200 Resp: 348772

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

215 48.5 28.4 68.4



#70

Pentachlorophenol

Concen: 83.846 ng

RT: 17.140 min Scan# 2372

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

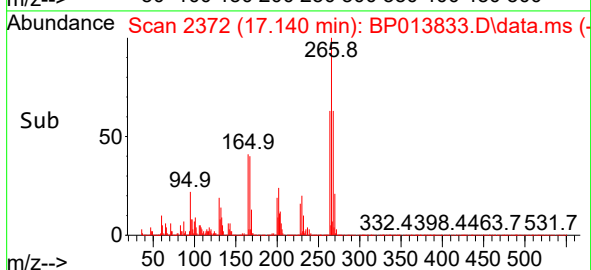
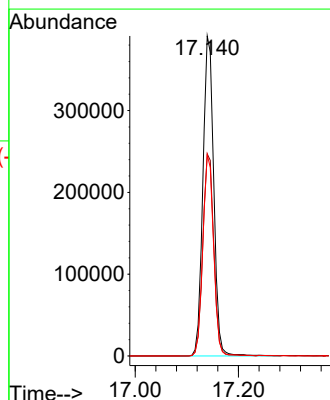
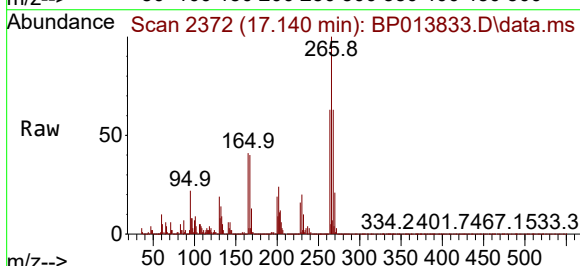
Tgt Ion:266 Resp: 568745

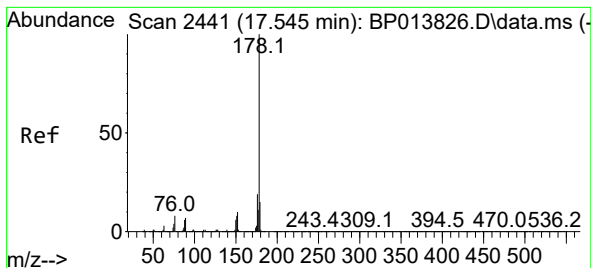
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 62.9 49.4 74.0





#71

Phenanthrene

Concen: 43.952 ng

RT: 17.540 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

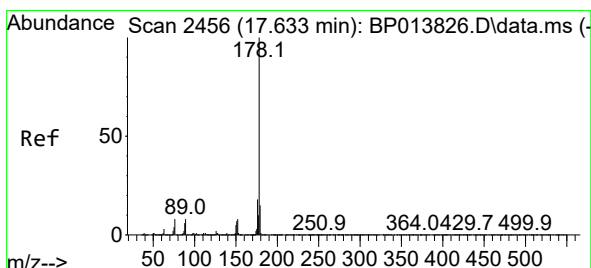
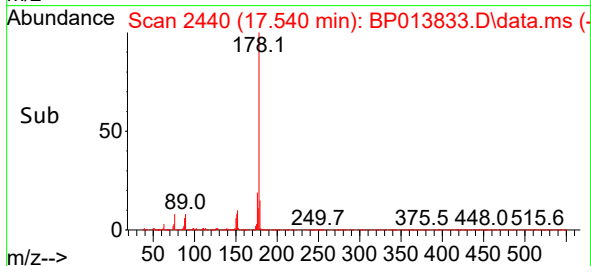
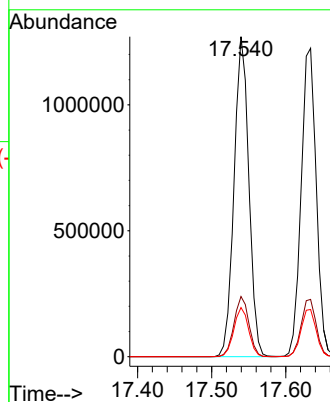
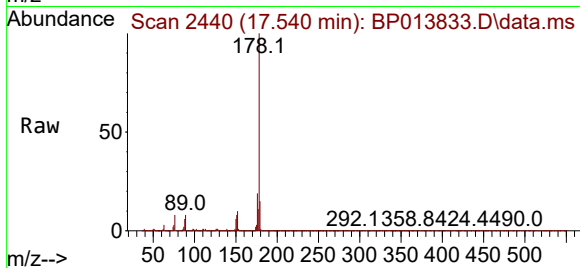
Tgt Ion:178 Resp: 1758268

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 43.531 ng

RT: 17.634 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

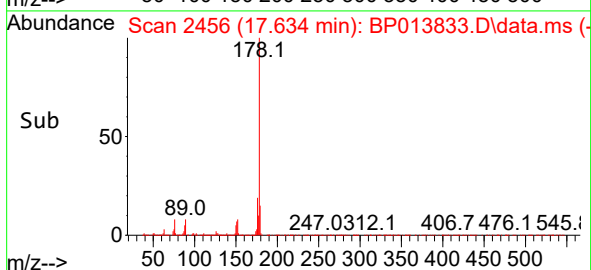
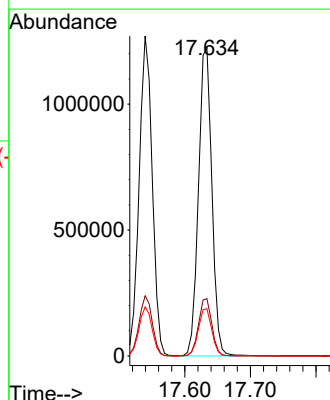
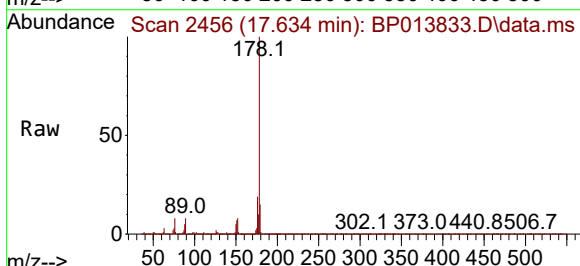
Tgt Ion:178 Resp: 1741274

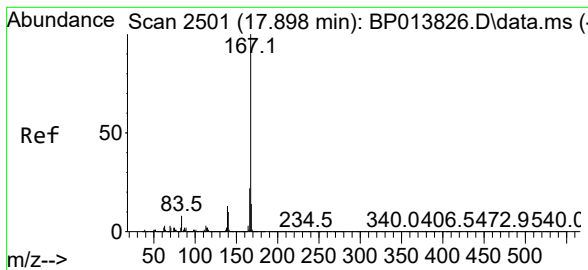
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.4 18.6



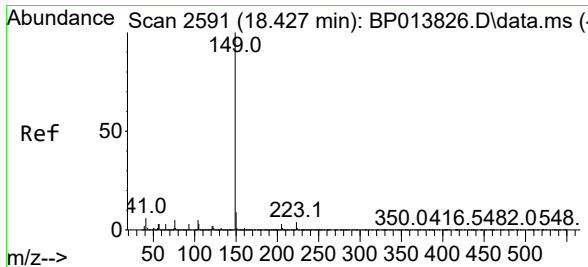
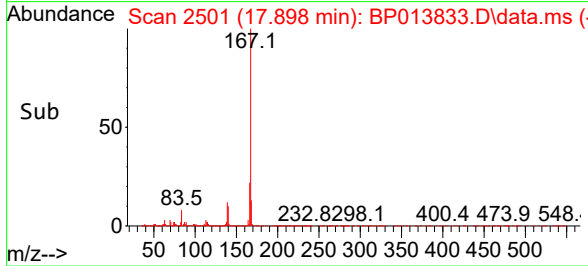
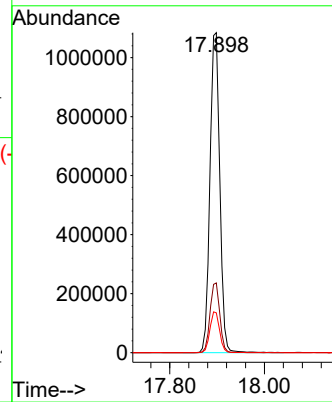
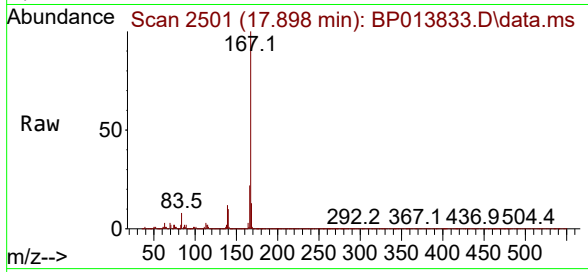


#73
 Carbazole
 Concen: 43.484 ng
 RT: 17.898 min Scan# 2501
 Delta R.T. 0.000 min
 Lab File: BP013833.D
 Acq: 16 Feb 2023 18:08

Instrument :
 BNA_P
 ClientSampleId :
 PB150892BSD

Tgt Ion:167 Resp: 1565919

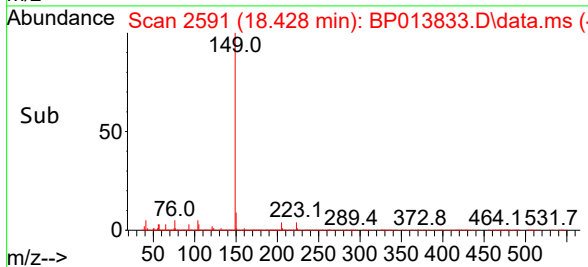
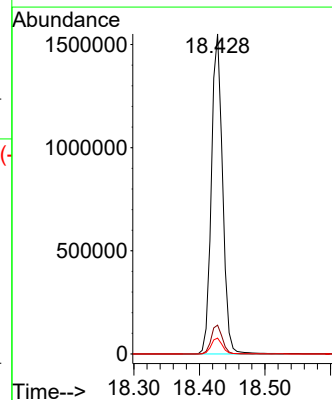
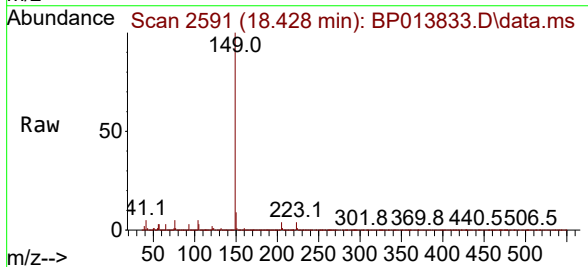
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.5	10.2	15.2

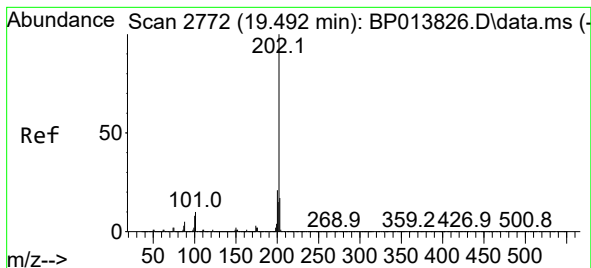


#74
 Di-n-butylphthalate
 Concen: 43.719 ng
 RT: 18.428 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BP013833.D
 Acq: 16 Feb 2023 18:08

Tgt Ion:149 Resp: 1844597

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 40.673 ng

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

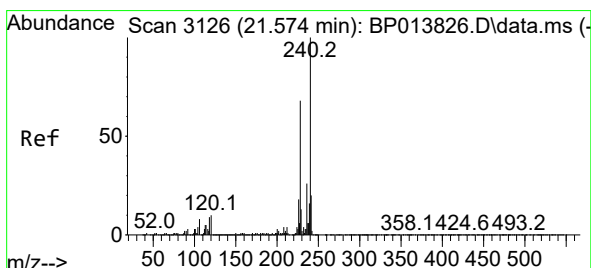
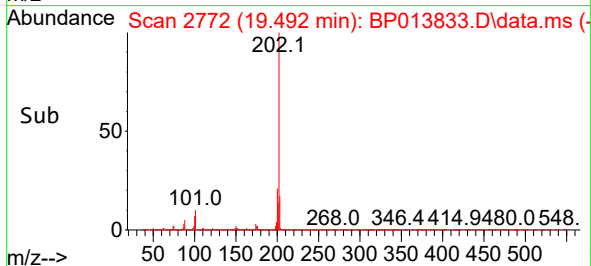
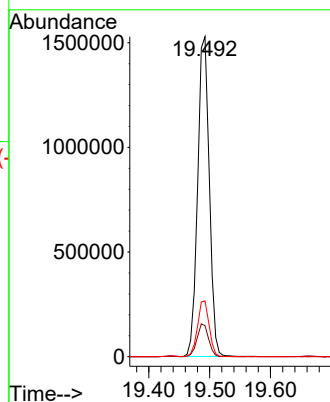
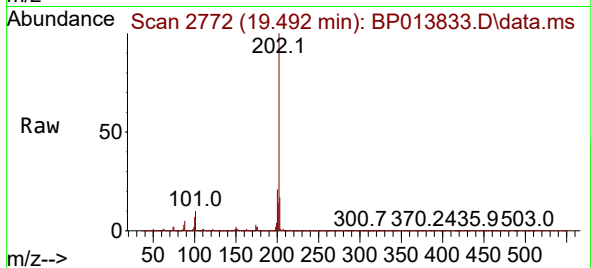
Tgt Ion:202 Resp: 2028365

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

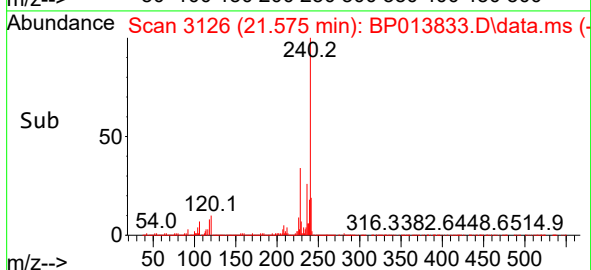
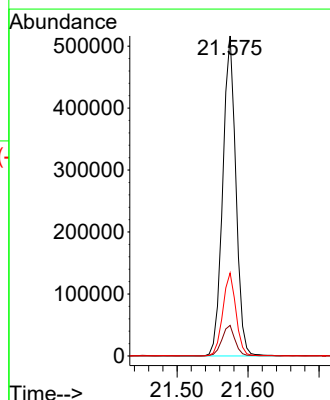
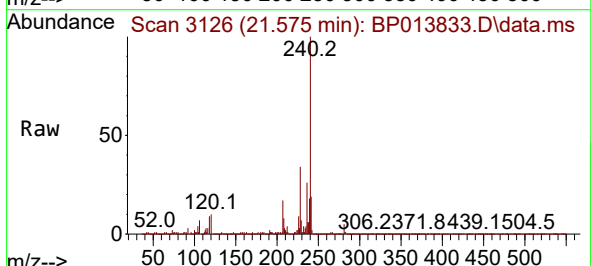
Tgt Ion:240 Resp: 658973

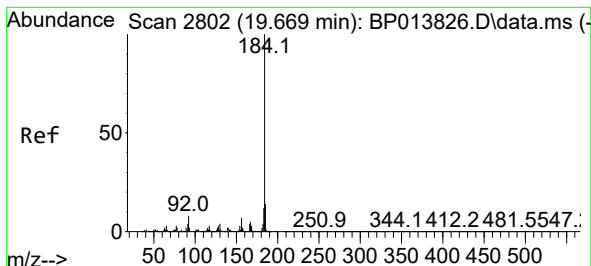
Ion Ratio Lower Upper

240 100

120 9.6 7.9 11.9

236 26.0 20.9 31.3





#77

Benzidine

Concen: 48.650 ng

RT: 19.663 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

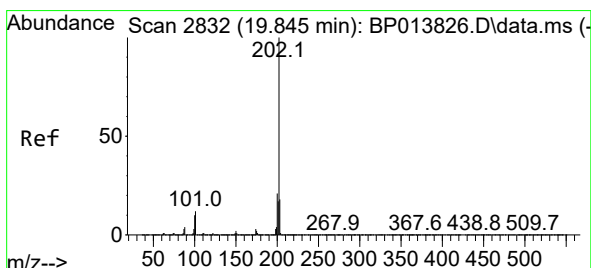
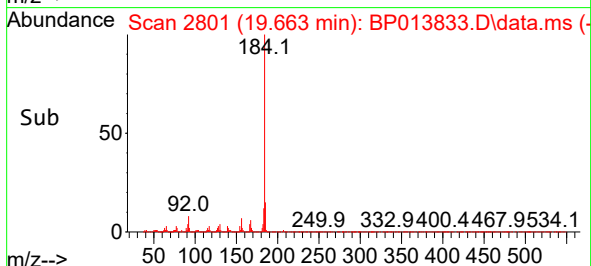
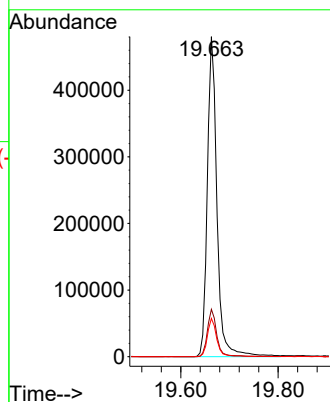
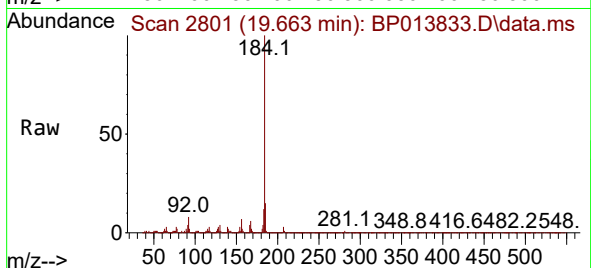
Tgt Ion:184 Resp: 655598

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

183 11.9 9.6 14.4



#78

Pyrene

Concen: 47.648 ng

RT: 19.839 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

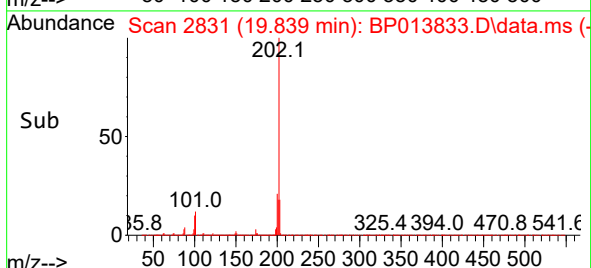
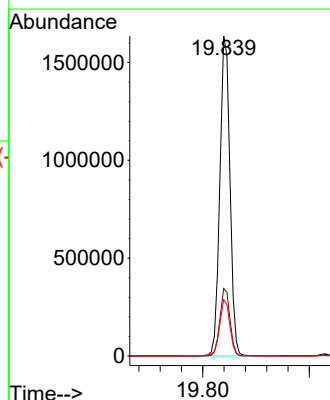
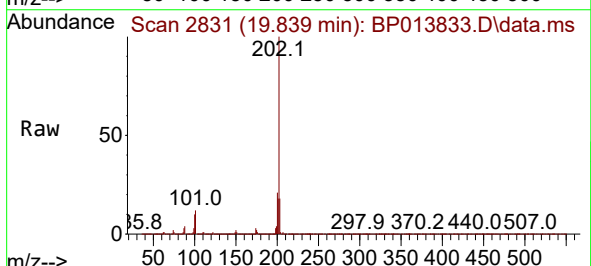
Tgt Ion:202 Resp: 2145688

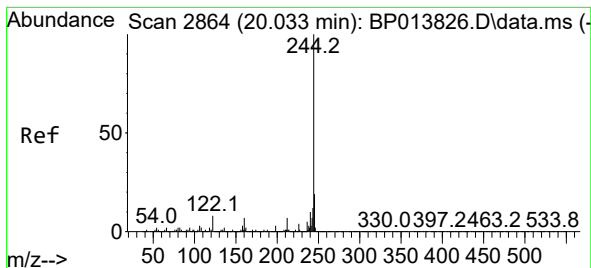
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 100.579 ng

RT: 20.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

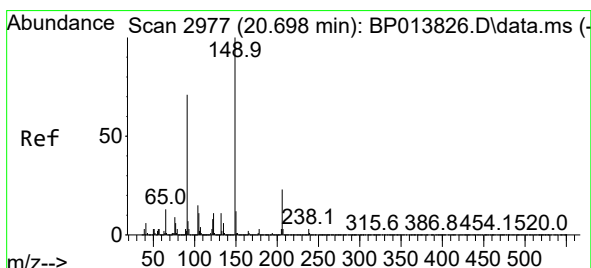
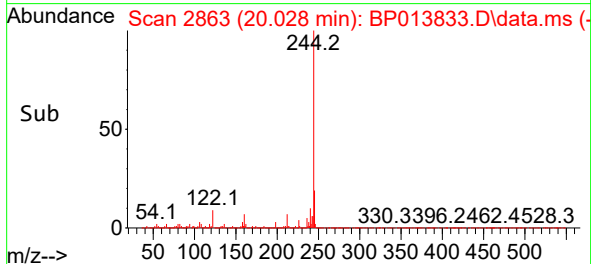
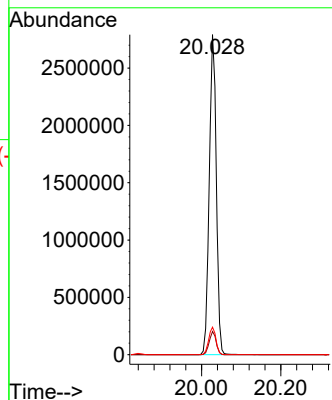
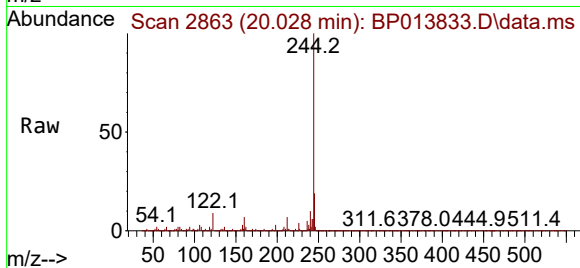
Tgt Ion:244 Resp: 3444865

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.6 6.7 10.1



#80

Butylbenzylphthalate

Concen: 46.355 ng

RT: 20.698 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

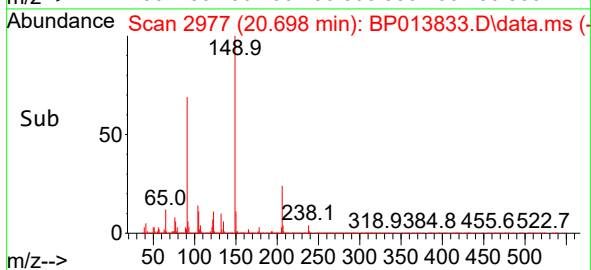
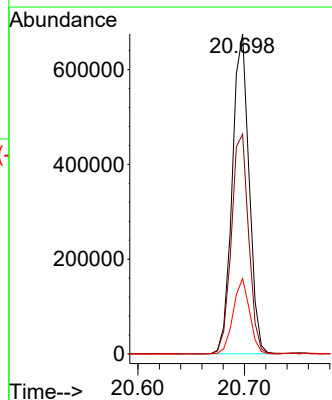
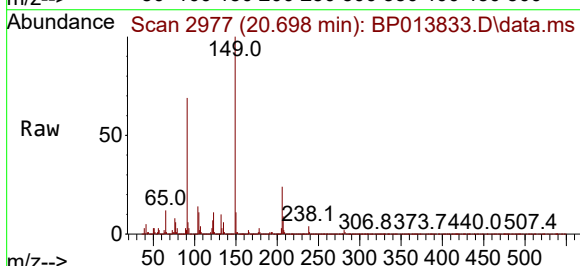
Tgt Ion:149 Resp: 741928

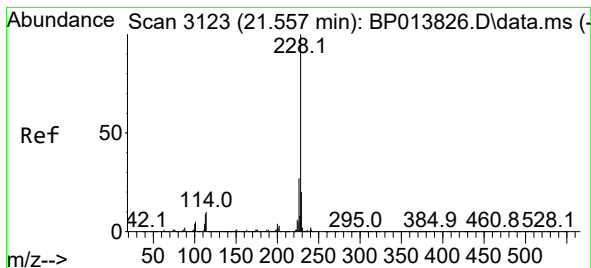
Ion Ratio Lower Upper

149 100

91 68.7 56.8 85.2

206 23.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.290 ng

RT: 21.557 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

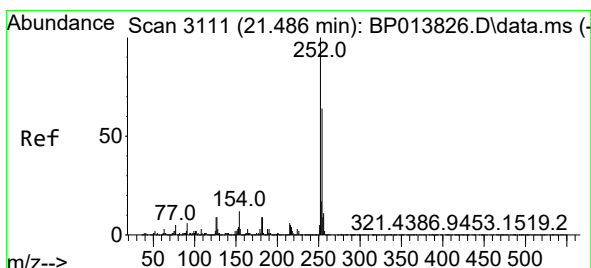
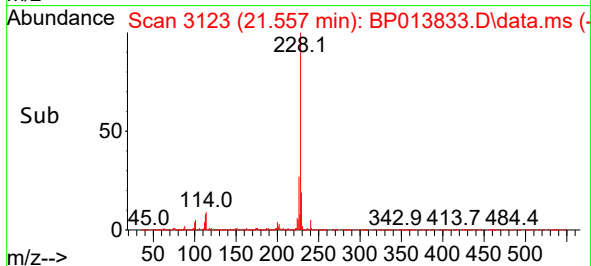
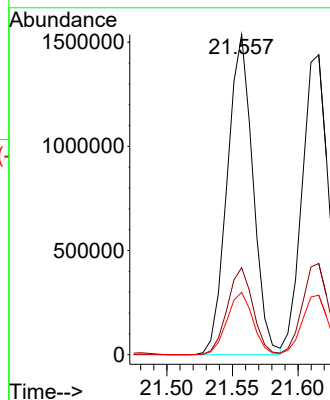
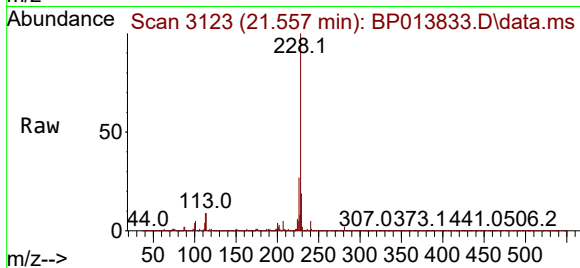
Tgt Ion:228 Resp: 2089991

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.138 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

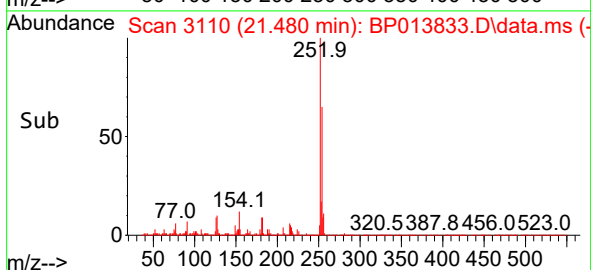
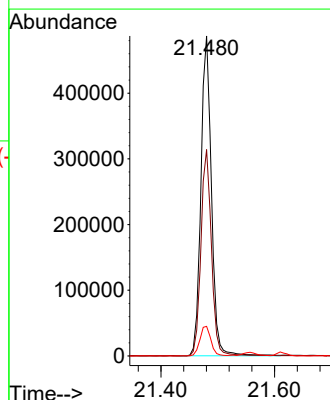
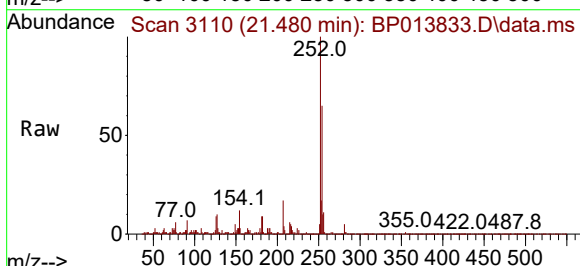
Tgt Ion:252 Resp: 625579

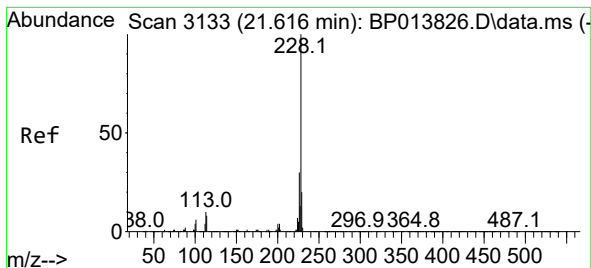
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 9.3 7.4 11.0





#83

Chrysene

Concen: 43.599 ng

RT: 21.616 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

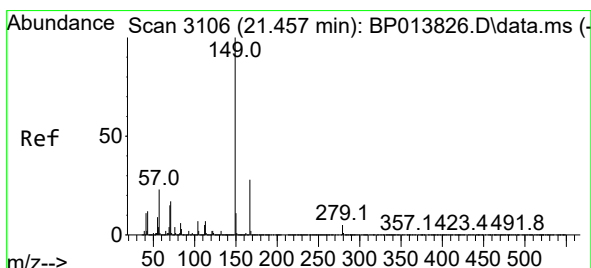
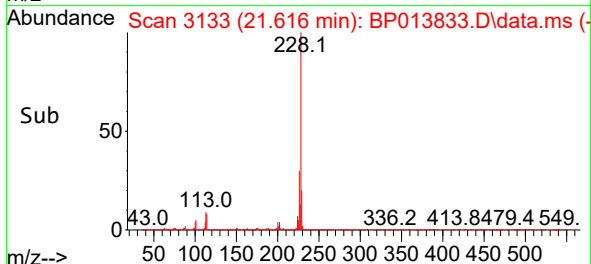
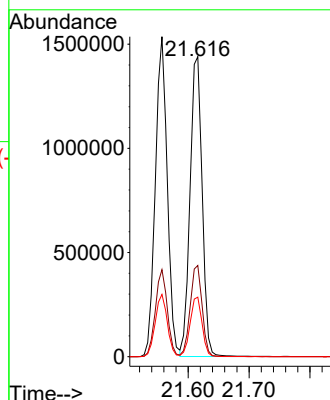
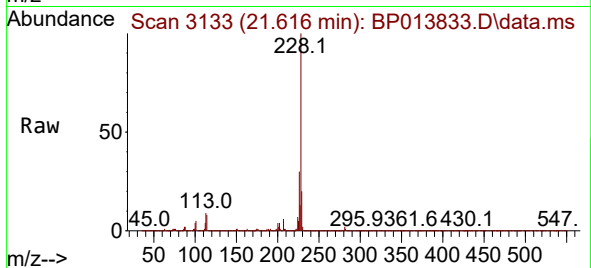
Tgt Ion:228 Resp: 1993056

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.147 ng

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

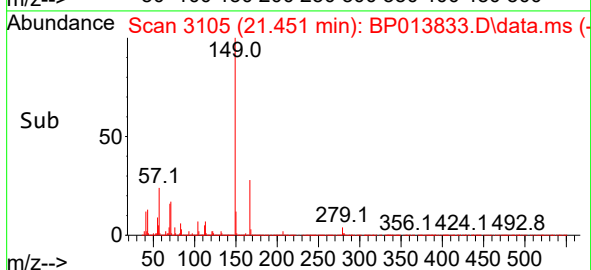
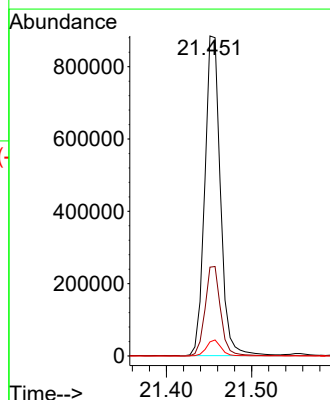
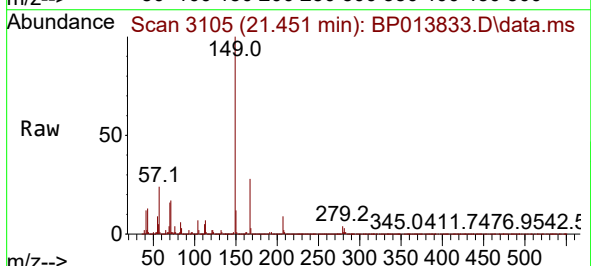
Tgt Ion:149 Resp: 1126571

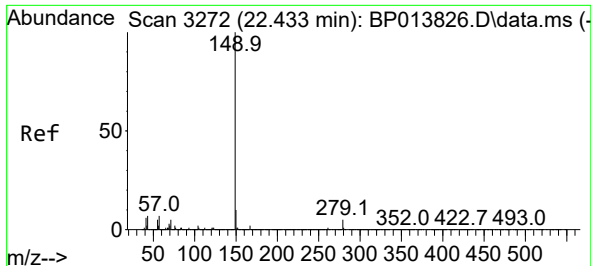
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.4 3.9 5.9

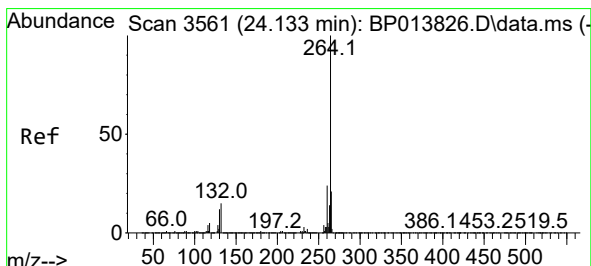
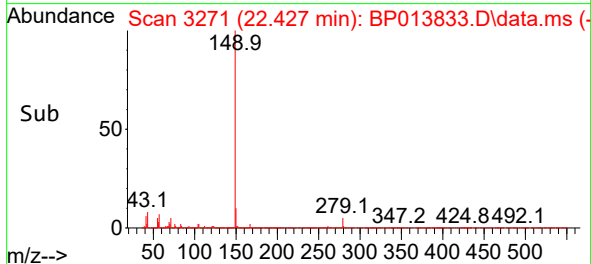
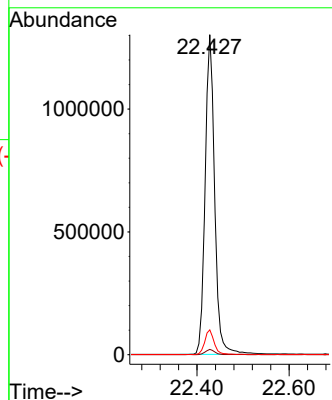
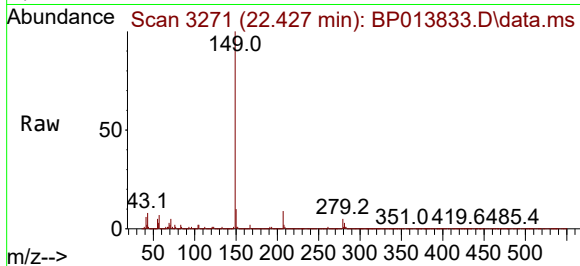




#85
Di-n-octyl phthalate
Concen: 42.409 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

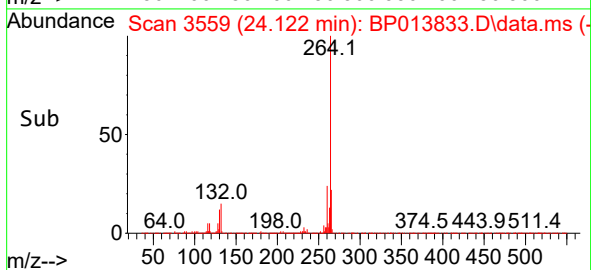
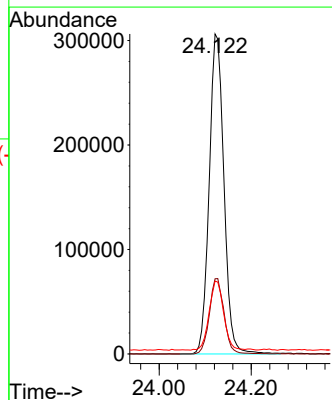
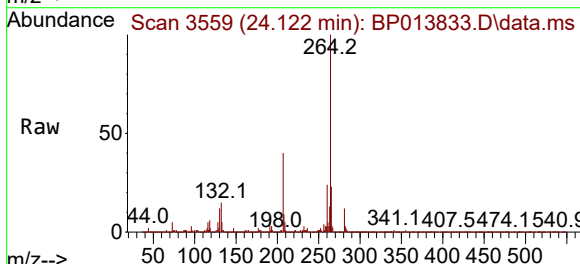
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

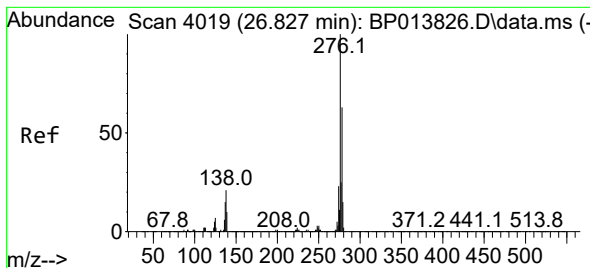
Tgt Ion:149 Resp: 1885721
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.122 min Scan# 3559
Delta R.T. -0.011 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:264 Resp: 682332
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 22.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.356 ng

RT: 26.821 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

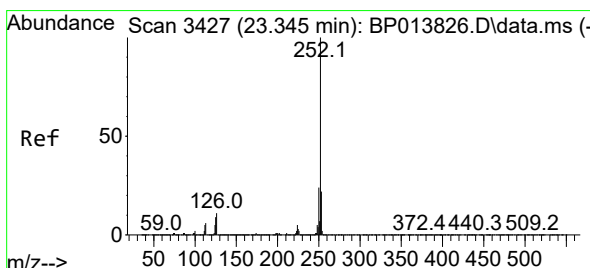
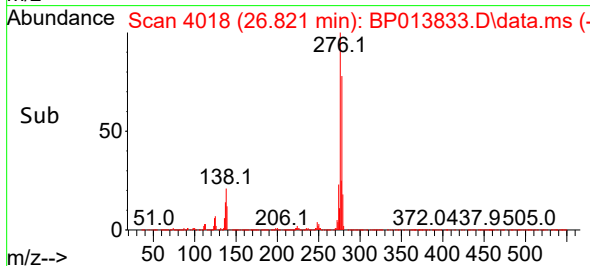
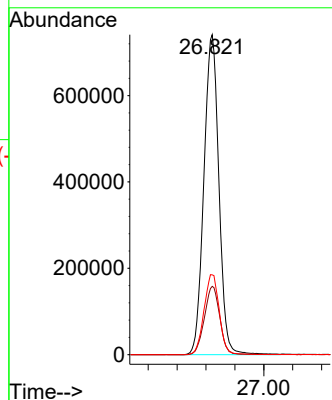
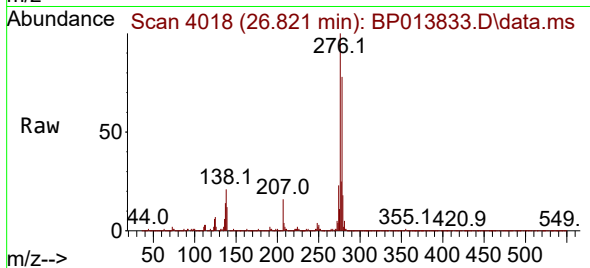
Tgt Ion:276 Resp: 2672848

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.8

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.195 ng

RT: 23.339 min Scan# 3426

Delta R.T. -0.006 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

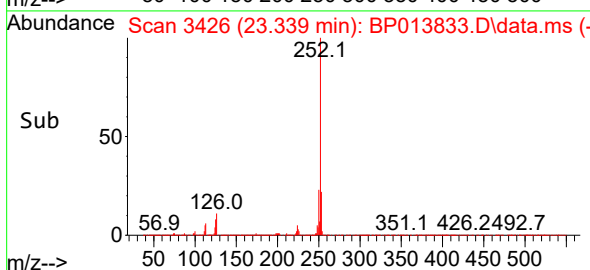
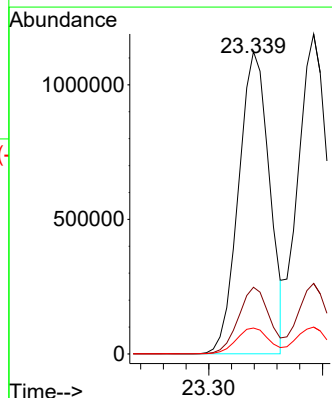
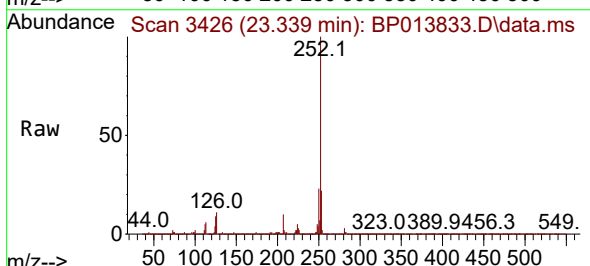
Tgt Ion:252 Resp: 2122973

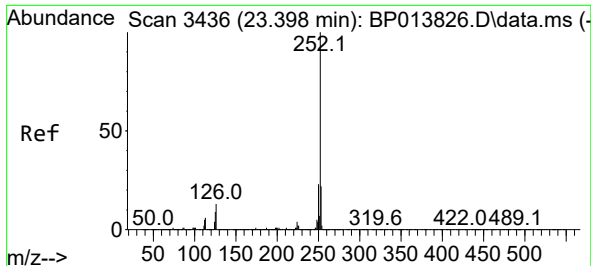
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.6 7.1 10.7

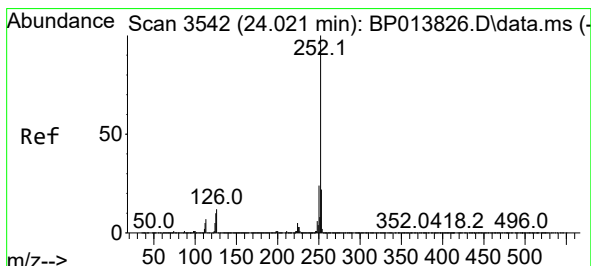
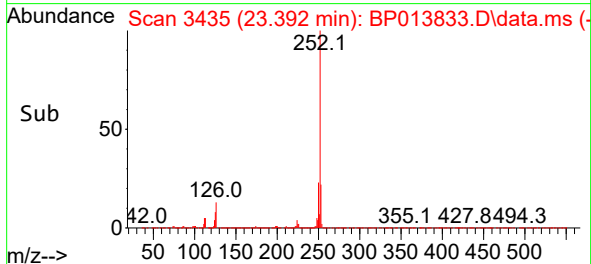
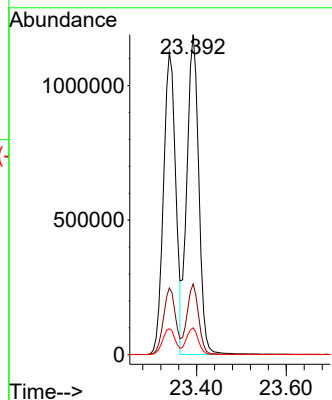
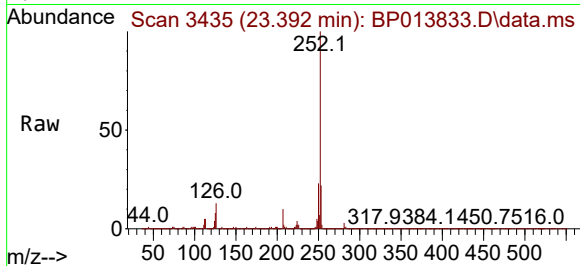




#89
Benzo(k)fluoranthene
Concen: 49.983 ng
RT: 23.392 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

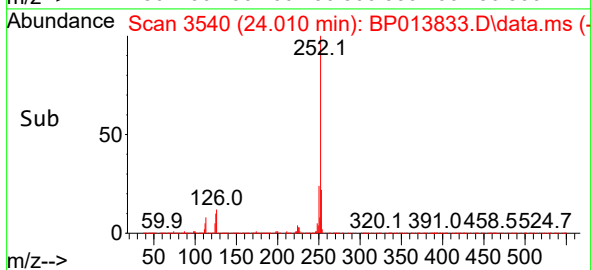
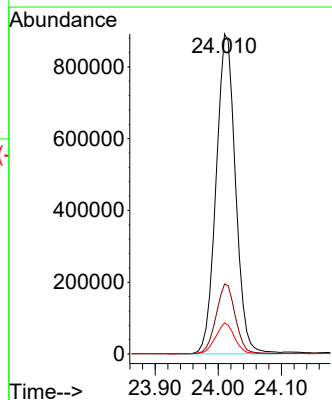
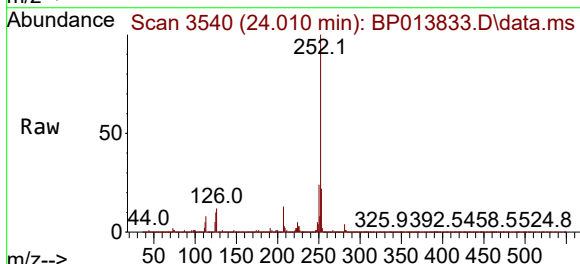
Instrument :
BNA_P
ClientSampleId :
PB150892BSD

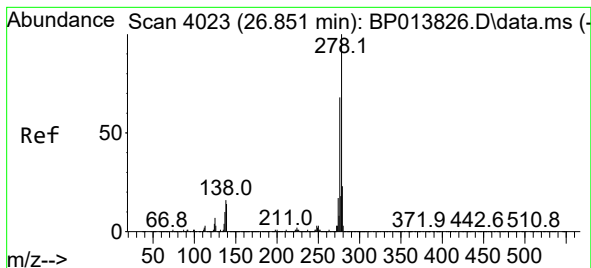
Tgt Ion:252 Resp: 2189484
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.530 ng
RT: 24.010 min Scan# 3540
Delta R.T. -0.011 min
Lab File: BP013833.D
Acq: 16 Feb 2023 18:08

Tgt Ion:252 Resp: 1899536
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 50.763 ng

RT: 26.833 min Scan# 4023

Delta R.T. -0.017 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA_P

ClientSampleId :

PB150892BSD

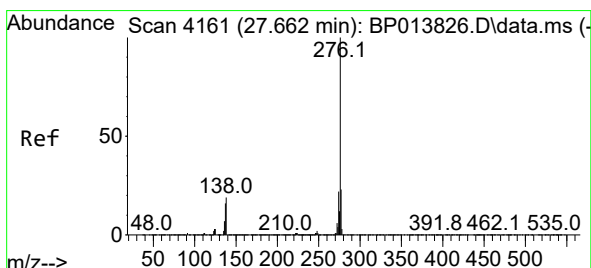
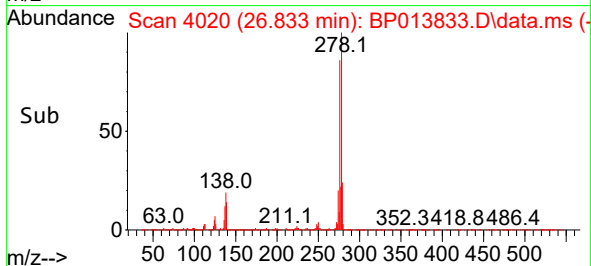
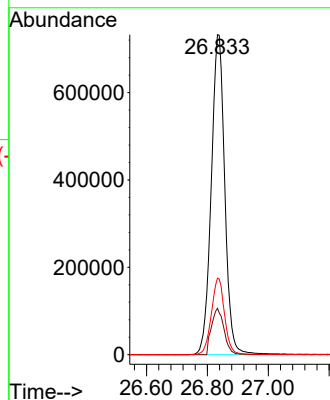
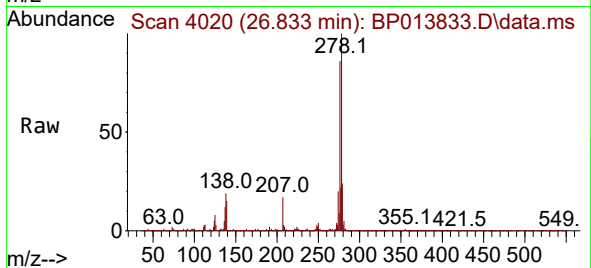
Tgt Ion:278 Resp: 2257536

Ion Ratio Lower Upper

278 100

139 14.5 11.0 16.6

279 23.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 51.230 ng

RT: 27.651 min Scan# 4159

Delta R.T. -0.011 min

Lab File: BP013833.D

Acq: 16 Feb 2023 18:08

Tgt Ion:276 Resp: 2252817

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 19.3 15.5 23.3

