

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012641.D
 Acq On : 13 Nov 2022 03:40
 Operator : CG/JU
 Sample : N5531-08MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-33MS

Quant Time: Nov 14 03:26:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	315147	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1356748	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	864717	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1779503	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1689742	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1717622	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1996660	117.974	ng	0.00
7) Phenol-d6	6.899	99	2618834	111.477	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1532932	62.683	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	1225419	103.809	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	3438643	60.368	ng	-0.01
79) Terphenyl-d14	19.704	244	5286905	63.387	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	306655	42.234	ng	99
3) Pyridine	3.593	79	810786	38.308	ng	99
4) n-Nitrosodimethylamine	3.511	42	361562	46.149	ng	96
6) Aniline	7.046	93	1396115	46.966	ng	99
8) 2-Chlorophenol	7.275	128	1093086	50.998	ng	100
9) Benzaldehyde	6.858	77	581564	39.247	ng	99
10) Phenol	6.928	94	1362511	51.336	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	985864	44.920	ng	99
12) 1,3-Dichlorobenzene	7.593	146	1080675	45.756	ng	99
13) 1,4-Dichlorobenzene	7.746	146	1100860	45.542	ng	100
14) 1,2-Dichlorobenzene	8.058	146	1065196	46.309	ng	99
15) Benzyl Alcohol	7.969	79	910375	51.778	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1254178	44.003	ng	99
17) 2-Methylphenol	8.169	107	901707	49.308	ng	98
18) Hexachloroethane	8.775	117	399284	46.190	ng	97
19) n-Nitroso-di-n-propyla...	8.528	70	737096	43.222	ng	99
20) 3+4-Methylphenols	8.505	107	1230942	47.892	ng	99
22) Acetophenone	8.546	105	1503396	44.493	ng	99
24) Nitrobenzene	8.922	77	1129778	44.375	ng	100
25) Isophorone	9.452	82	2095737	45.617	ng	99
26) 2-Nitrophenol	9.628	139	576764	47.198	ng	99
27) 2,4-Dimethylphenol	9.699	122	987000	54.064	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1371107	48.166	ng	99
29) 2,4-Dichlorophenol	10.169	162	1047787	48.448	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	1023690	43.678	ng	98
31) Naphthalene	10.557	128	3134595	42.527	ng	100
32) Benzoic acid	9.893	122	758017	41.223	ng	100
33) 4-Chloroaniline	10.687	127	947834	30.831	ng	99
34) Hexachlorobutadiene	10.828	225	628356	42.376	ng	99
35) Caprolactam	11.516	113	162810	22.523	ng	99
36) 4-Chloro-3-methylphenol	11.828	107	1128818	46.244	ng	100
37) 2-Methylnaphthalene	12.175	142	2228291	42.177	ng	99
38) 1-Methylnaphthalene	12.399	142	2112147	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	12.546	216	1175103	45.607	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1239764	93.369	ng	100
43) 2,4,6-Trichlorophenol	12.799	196	833346	46.044	ng	98

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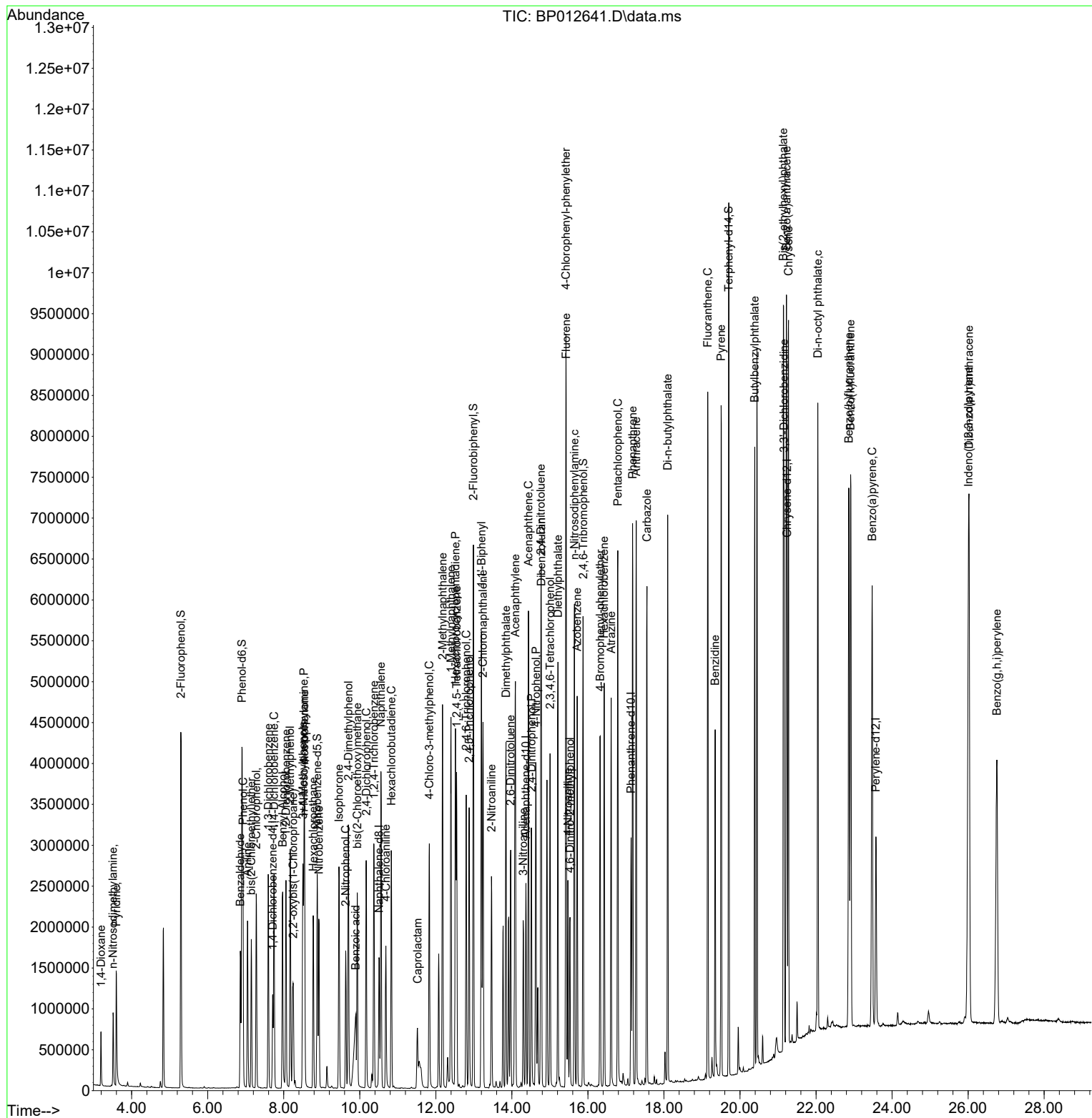
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	907352	44.913	ng	99
46) 1,1'-Biphenyl	13.199	154	2900867	45.300	ng	100
47) 2-Chloronaphthalene	13.240	162	2228355	44.336	ng	99
48) 2-Nitroaniline	13.463	65	690456	45.422	ng	96
49) Acenaphthylene	14.093	152	3535239	44.294	ng	100
50) Dimethylphthalate	13.846	163	2877285	42.105	ng	100
51) 2,6-Dinitrotoluene	13.969	165	645094	44.267	ng	98
52) Acenaphthene	14.434	154	2093801	43.099	ng	100
53) 3-Nitroaniline	14.298	138	533653	34.026	ng	98
54) 2,4-Dinitrophenol	14.516	184	726466	70.826	ng	98
55) Dibenzofuran	14.775	168	3268022	42.561	ng	99
56) 4-Nitrophenol	14.634	139	1145986	87.918	ng	98
57) 2,4-Dinitrotoluene	14.763	165	841270	44.793	ng	99
58) Fluorene	15.428	166	2517558	41.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	785866	42.236	ng	100
60) Diethylphthalate	15.210	149	2874391	42.017	ng	99
61) 4-Chlorophenyl-phenylether	15.422	204	1277604	42.524	ng	98
62) 4-Nitroaniline	15.475	138	643536	39.616	ng	99
63) Azobenzene	15.716	77	2645596	43.143	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	468483	38.749	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2344757	44.670	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	898719	44.928	ng	100
68) Hexachlorobenzene	16.428	284	1063233	44.529	ng	98
69) Atrazine	16.610	200	865953	47.312	ng	100
70) Pentachlorophenol	16.787	266	1260484	85.579	ng	99
71) Phenanthrene	17.175	178	4216066	42.980	ng	100
72) Anthracene	17.269	178	4185950	44.477	ng	100
73) Carbazole	17.551	167	3948427	44.801	ng	99
74) Di-n-butylphthalate	18.098	149	4952112	44.994	ng	100
75) Fluoranthene	19.151	202	4931839	42.900	ng	100
77) Benzidine	19.345	184	2297437	61.628	ng	99
78) Pyrene	19.504	202	5031479	43.163	ng	100
80) Butylbenzylphthalate	20.386	149	2251428	45.602	ng	99
81) Benzo(a)anthracene	21.222	228	4853775	42.958	ng	99
82) 3,3'-Dichlorobenzidine	21.157	252	1811240	46.944	ng	100
83) Chrysene	21.275	228	4552696	42.274	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	3212241	47.572	ng	100
85) Di-n-octyl phthalate	22.045	149	5449971	47.846	ng	99
87) Indeno(1,2,3-cd)pyrene	26.010	276	5319100	43.700	ng	99
88) Benzo(b)fluoranthene	22.863	252	5117299	46.310	ng	100
89) Benzo(k)fluoranthene	22.910	252	4963064	46.031	ng	100
90) Benzo(a)pyrene	23.474	252	4398145	48.741	ng	100
91) Dibenzo(a,h)anthracene	26.021	278	4561141	44.832	ng	99
92) Benzo(g,h,i)perylene	26.757	276	4457915	44.874	ng	99

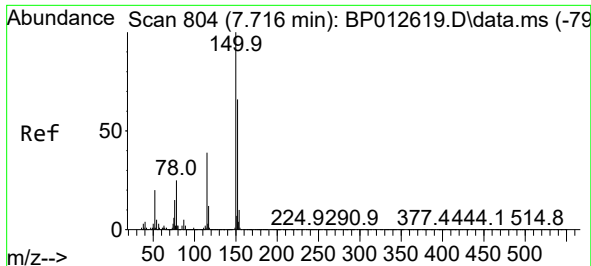
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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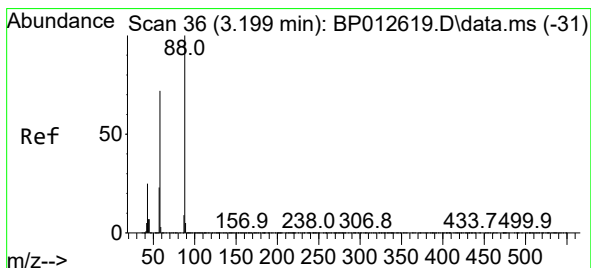
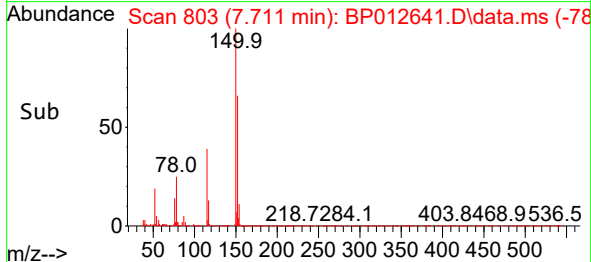
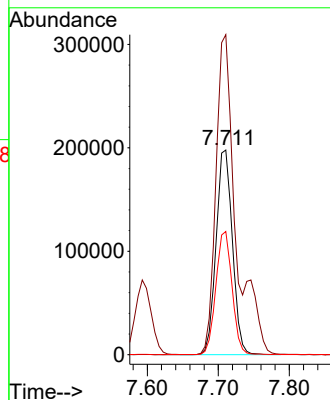
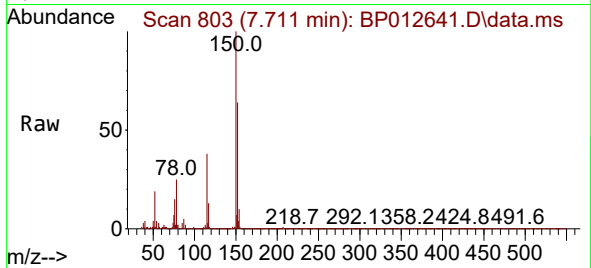




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

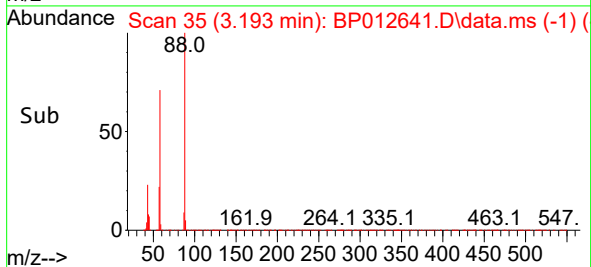
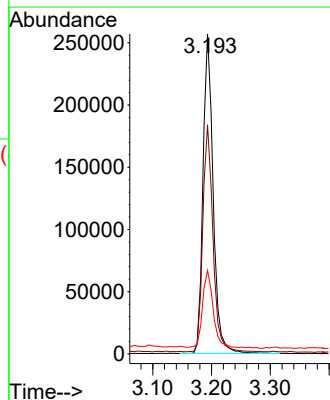
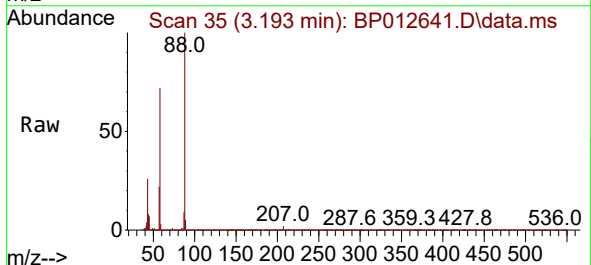
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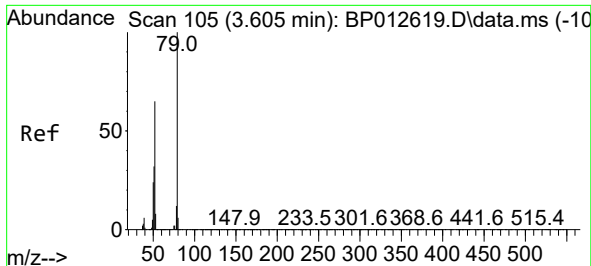
Tgt Ion:152 Resp: 315147
Ion Ratio Lower Upper
152 100
150 156.4 122.1 183.1
115 60.2 47.3 70.9



#2
1,4-Dioxane
Concen: 42.234 ng
RT: 3.193 min Scan# 35
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 88 Resp: 306655
Ion Ratio Lower Upper
88 100
58 71.1 57.0 85.6
43 26.4 19.5 29.3

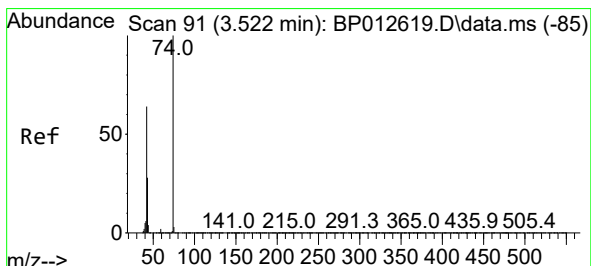
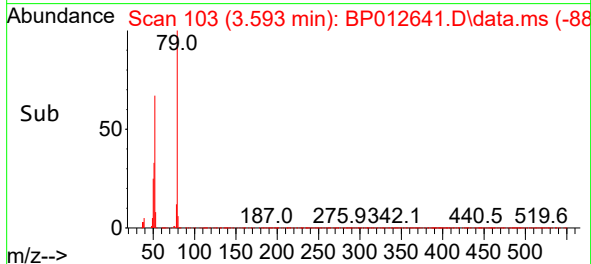
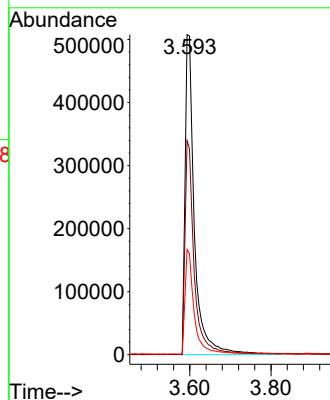
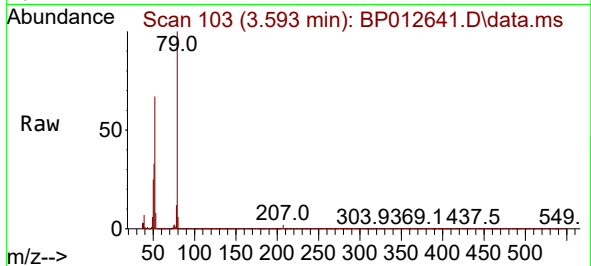




#3
 Pyridine
 Concen: 38.308 ng
 RT: 3.593 min Scan# 103
 Delta R.T. -0.012 min
 Lab File: BP012641.D
 Acq: 13 Nov 2022 03:40

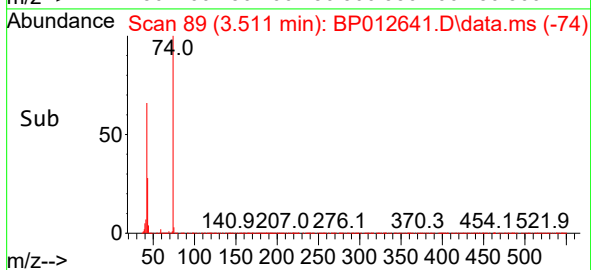
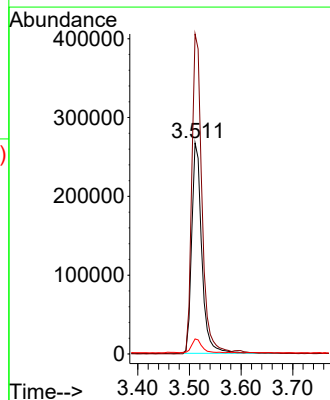
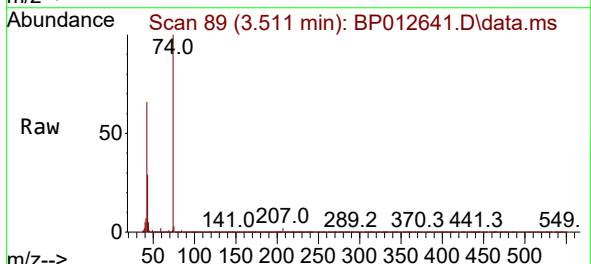
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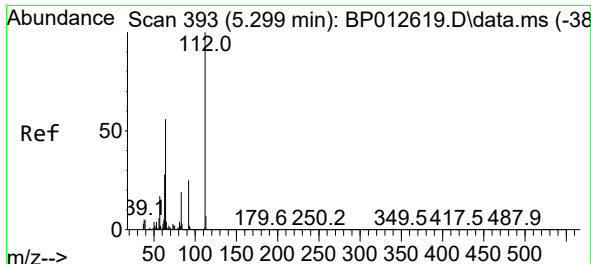
Tgt Ion: 79 Resp: 810786
 Ion Ratio Lower Upper
 79 100
 52 66.8 52.2 78.4
 51 32.9 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 46.149 ng
 RT: 3.511 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BP012641.D
 Acq: 13 Nov 2022 03:40

Tgt Ion: 42 Resp: 361562
 Ion Ratio Lower Upper
 42 100
 74 151.6 125.1 187.7
 44 7.1 5.9 8.9

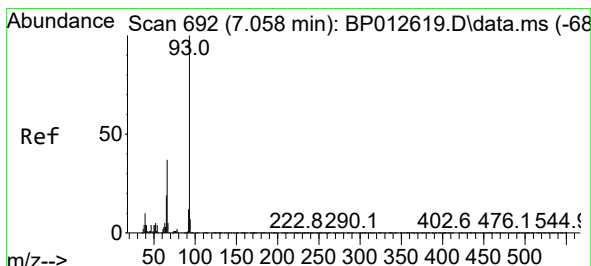
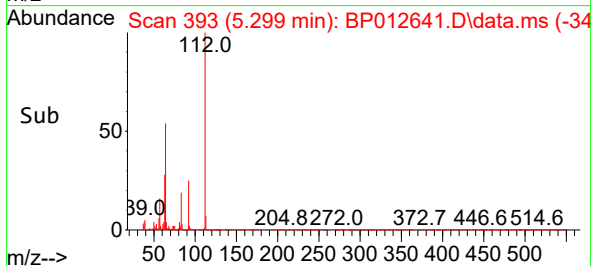
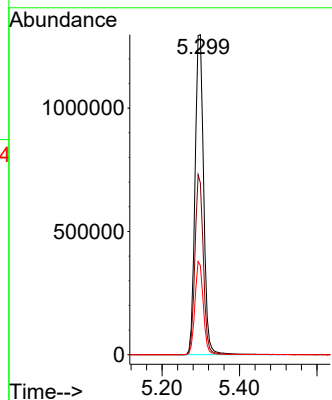
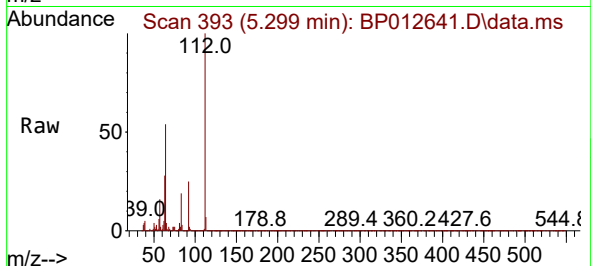




#5
2-Fluorophenol
Concen: 117.974 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

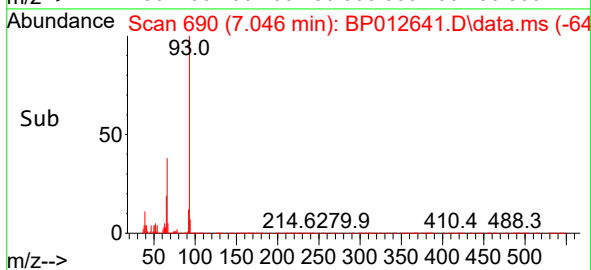
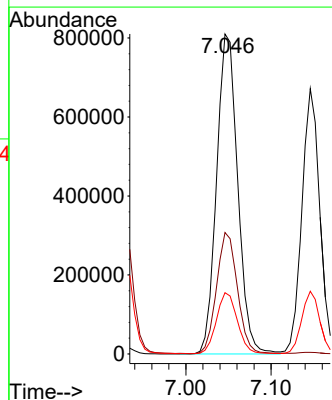
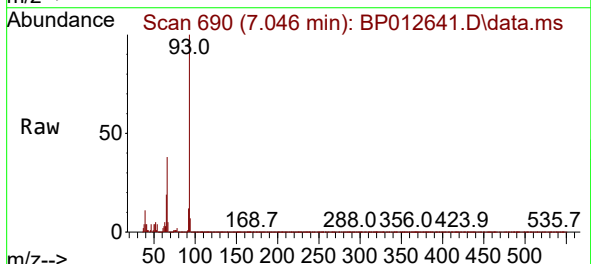
Instrument :
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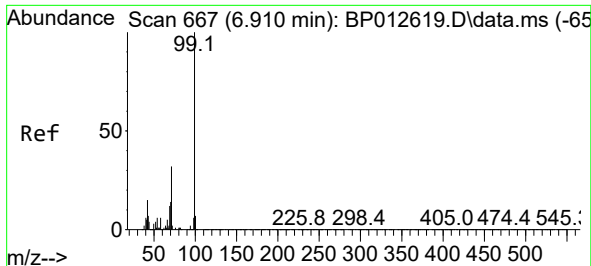
Tgt Ion:112 Resp: 1996660
Ion Ratio Lower Upper
112 100
64 53.7 44.6 67.0
63 27.9 22.8 34.2



#6
Aniline
Concen: 46.966 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 93 Resp: 1396115
Ion Ratio Lower Upper
93 100
66 38.0 29.8 44.6
65 19.2 15.4 23.2

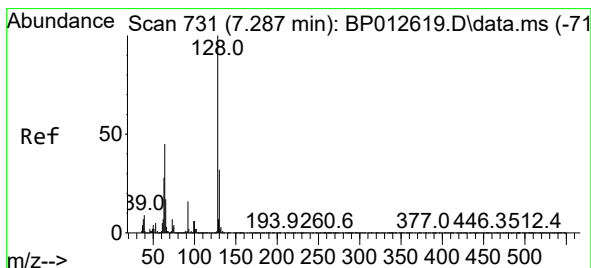
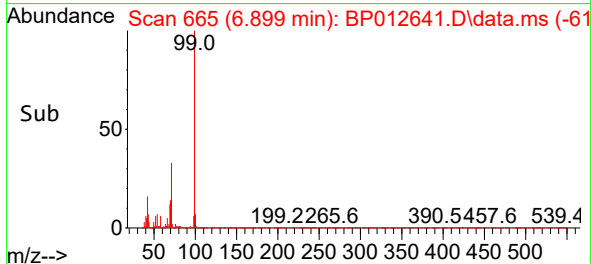
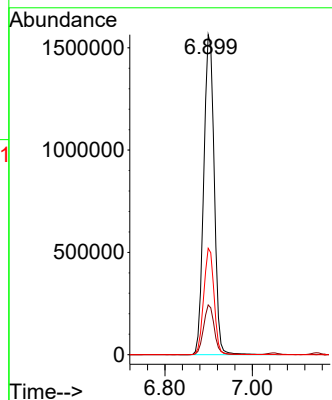
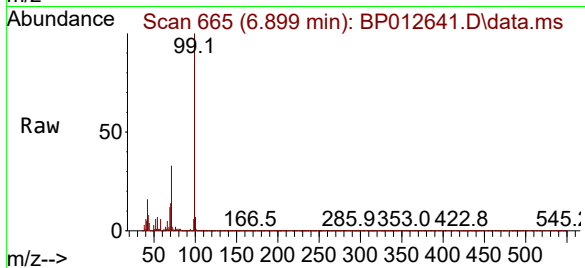




#7
Phenol-d6
Concen: 111.477 ng
RT: 6.899 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

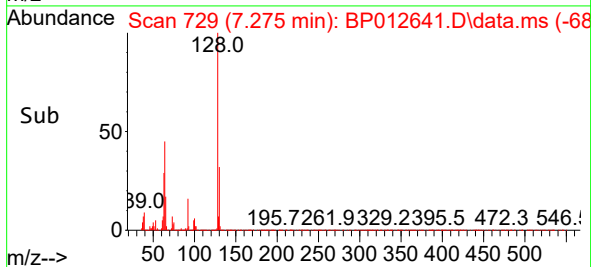
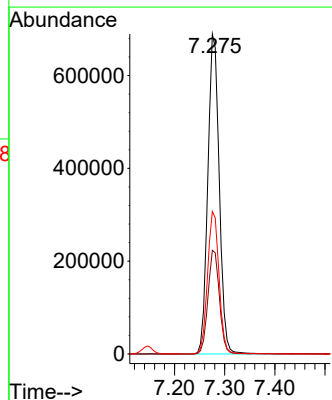
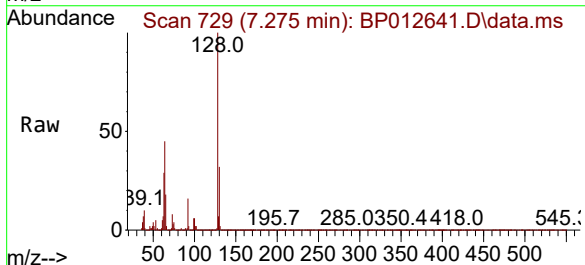
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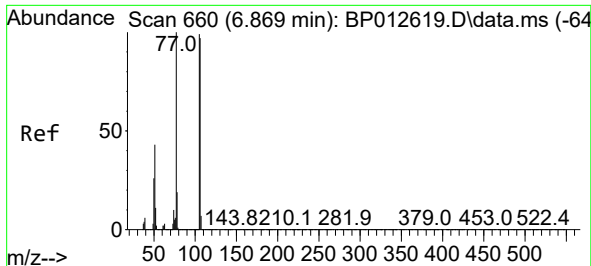
Tgt Ion: 99 Resp: 2618834
Ion Ratio Lower Upper
99 100
42 15.5 12.2 18.2
71 33.2 26.0 39.0



#8
2-Chlorophenol
Concen: 50.998 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 1093086
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 44.5 24.6 64.6

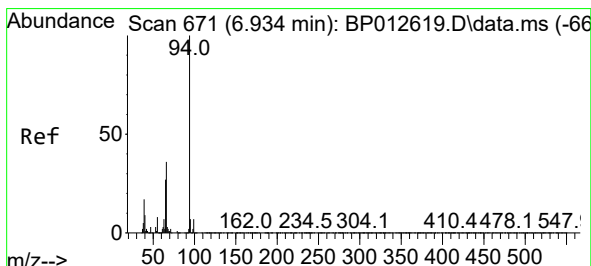
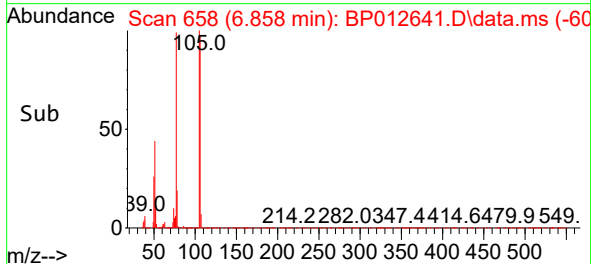
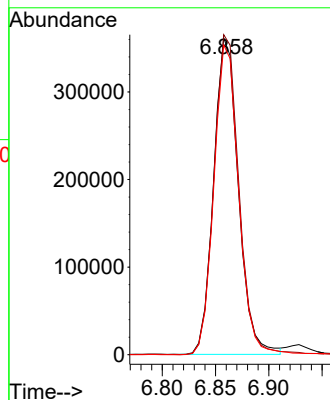
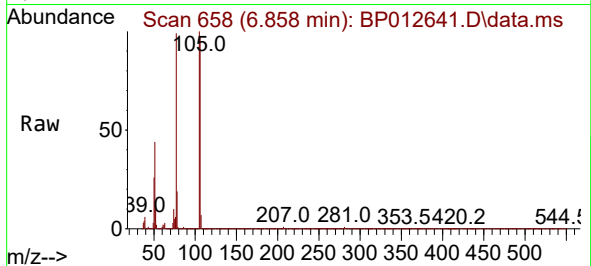




#9
Benzaldehyde
Concen: 39.247 ng
RT: 6.858 min Scan# 61
Delta R.T. -0.011 min
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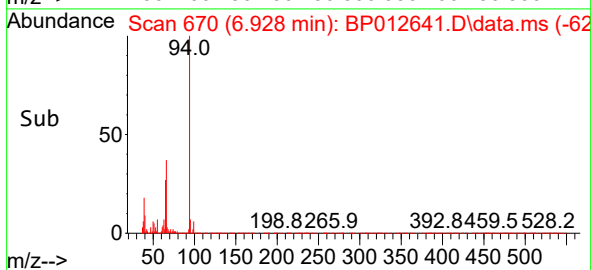
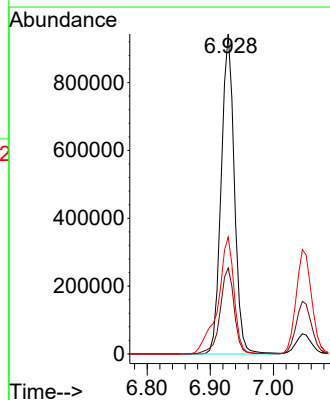
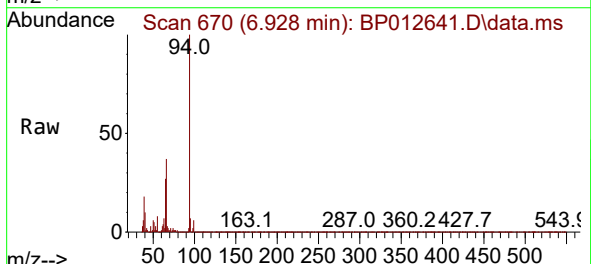
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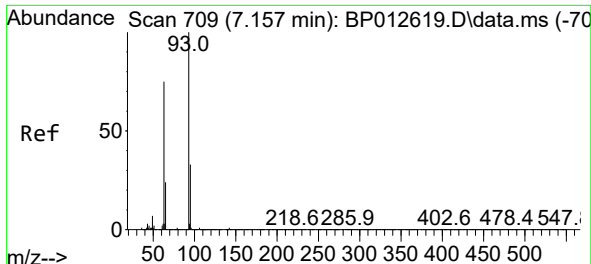
Tgt Ion: 77 Resp: 581564
Ion Ratio Lower Upper
77 100
105 101.1 79.5 119.5
106 97.8 76.9 116.9



#10
Phenol
Concen: 51.336 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP012641.D
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Tgt Ion: 94 Resp: 1362511
Ion Ratio Lower Upper
94 100
65 26.9 7.5 47.5
66 36.5 16.3 56.3

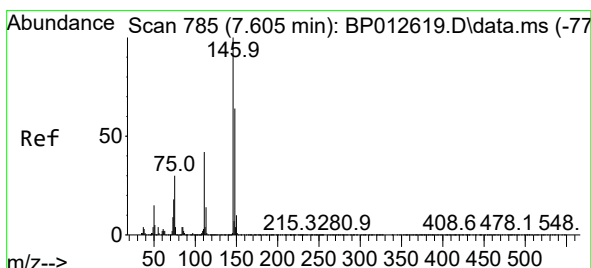
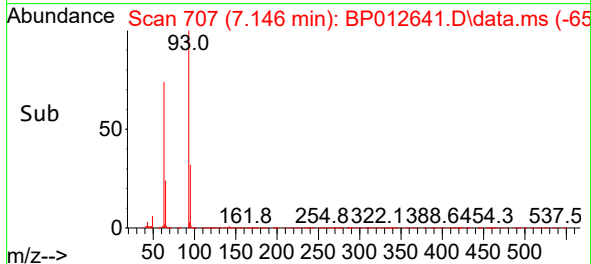
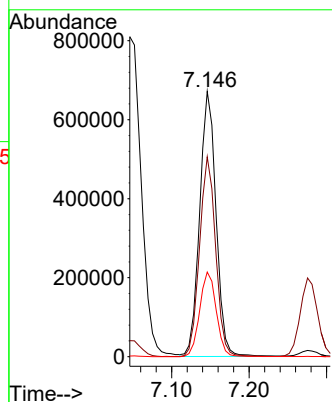
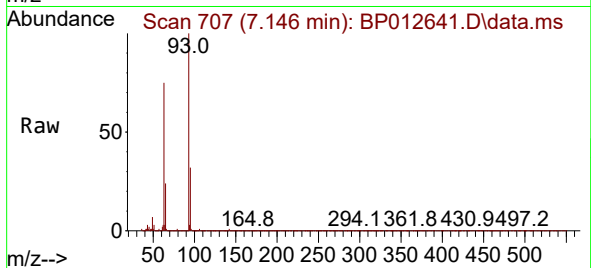




#11
bis(2-Chloroethyl)ether
Concen: 44.920 ng
RT: 7.146 min Scan# 709
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

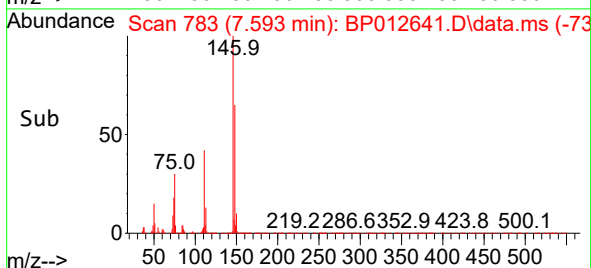
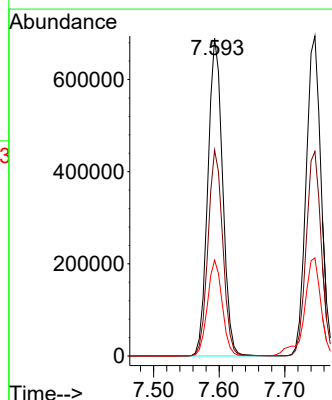
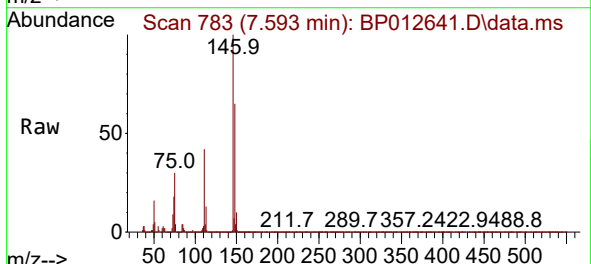
Instrument :
BNA_P
ClientSampleId :
SB-33MS

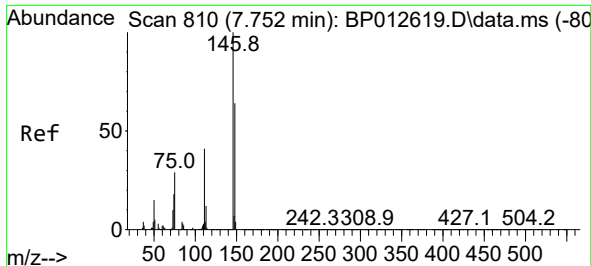
Tgt Ion: 93 Resp: 985864
Ion Ratio Lower Upper
93 100
63 75.4 54.2 94.2
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.756 ng
RT: 7.593 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 146 Resp: 1080675
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 30.1 23.7 35.5

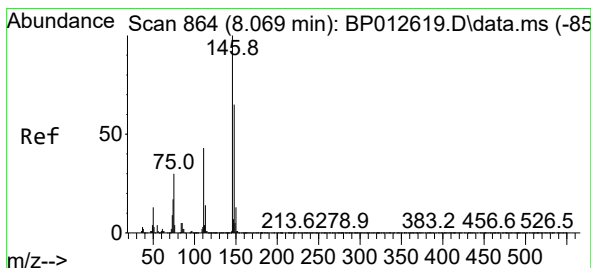
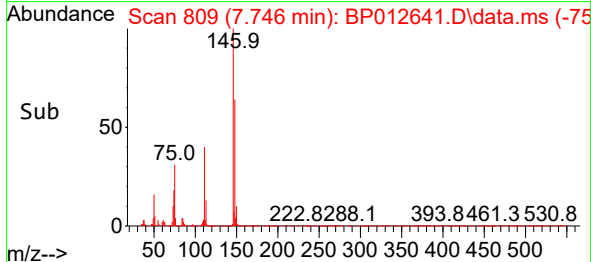
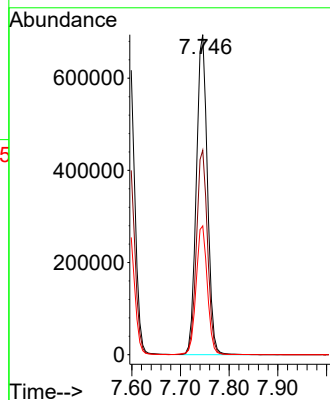
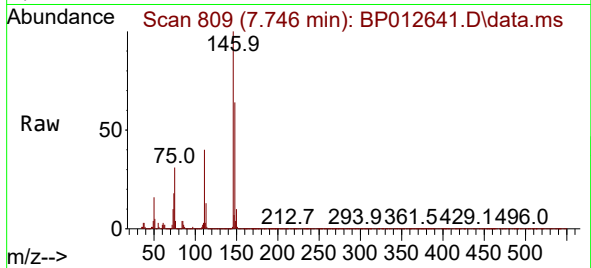




#13
1,4-Dichlorobenzene
Concen: 45.542 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

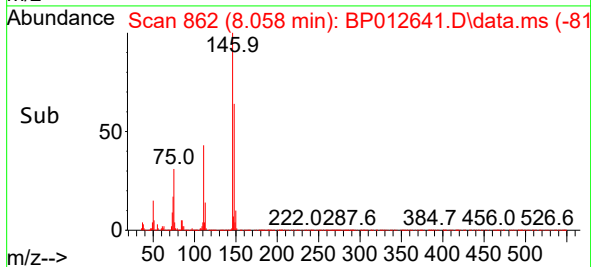
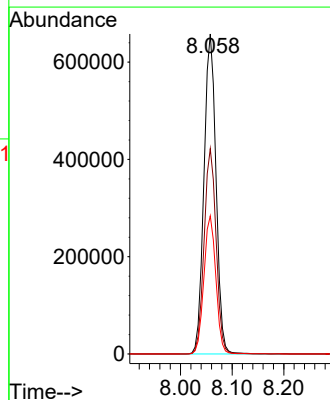
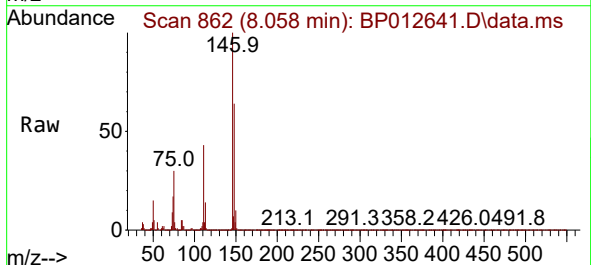
Instrument :
BNA_P
ClientSampleId :
SB-33MS

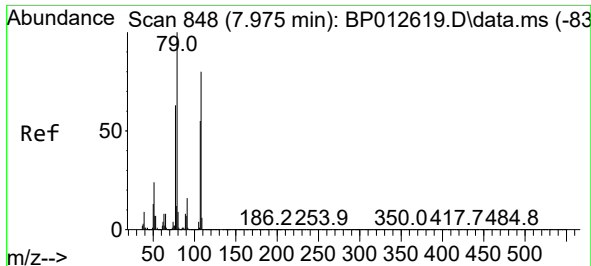
Tgt Ion:146 Resp: 1100860
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 40.2 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 46.309 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:146 Resp: 1065196
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
111 43.1 34.2 51.2

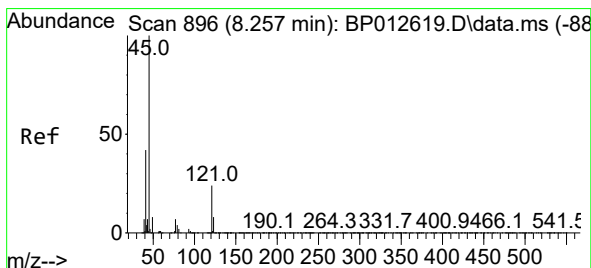
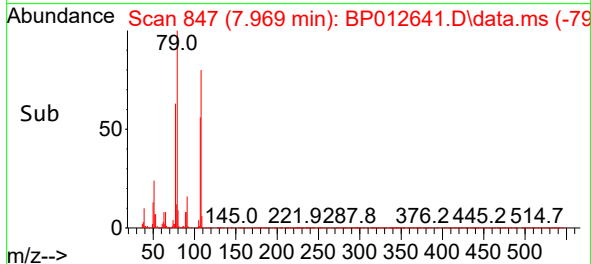
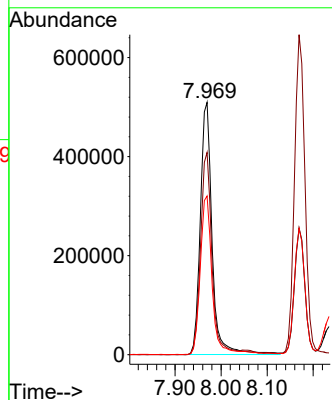
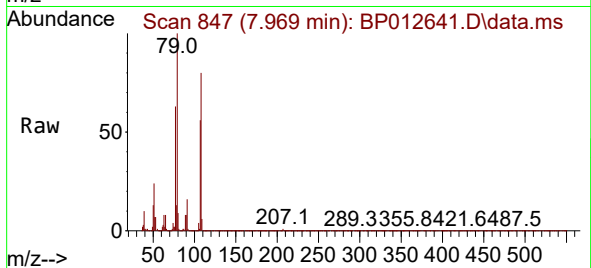




#15
Benzyl Alcohol
Concen: 51.778 ng
RT: 7.969 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

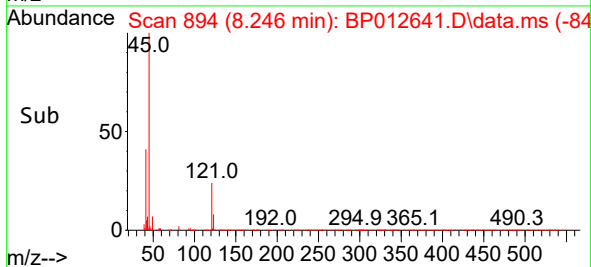
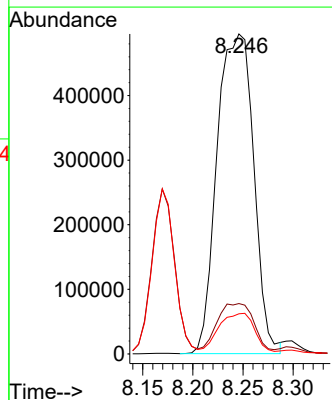
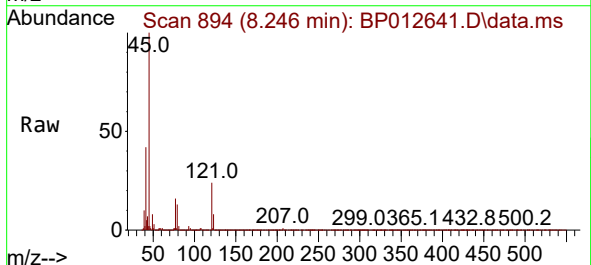
Instrument :
BNA_P
ClientSampleId :
SB-33MS

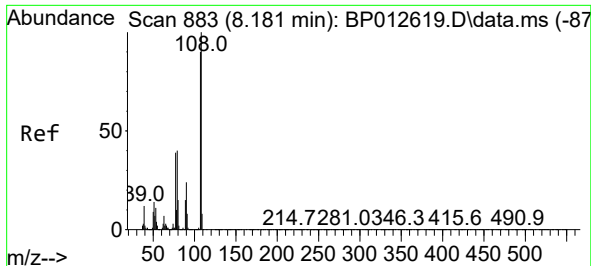
Tgt Ion: 79 Resp: 910375
Ion Ratio Lower Upper
79 100
108 80.2 63.7 95.5
77 62.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.003 ng
RT: 8.246 min Scan# 894
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 45 Resp: 1254178
Ion Ratio Lower Upper
45 100
77 15.7 0.0 36.1
79 12.5 0.0 32.6

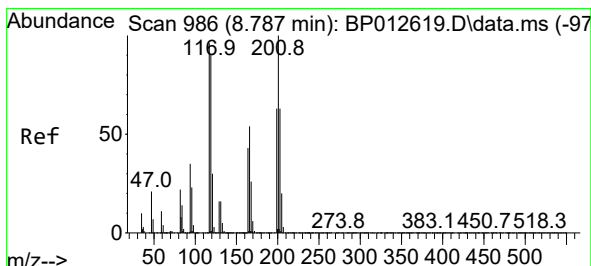
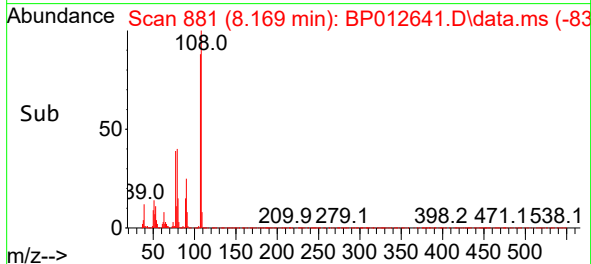
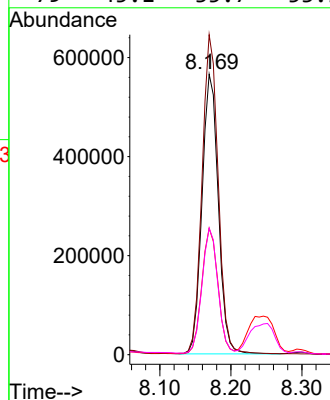
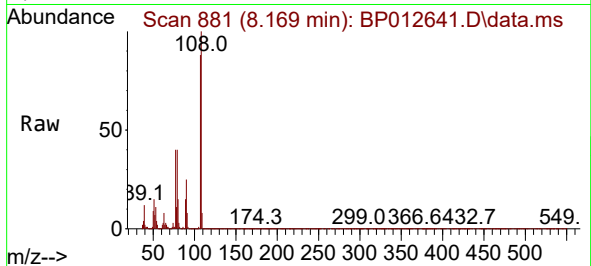




#17
2-Methylphenol
Concen: 49.308 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

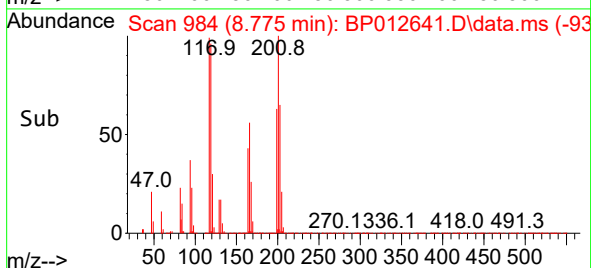
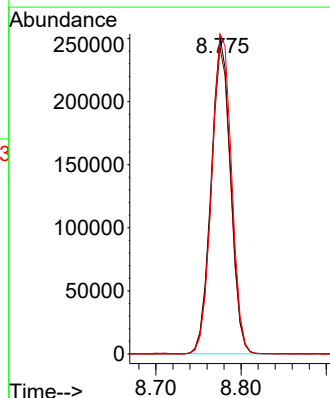
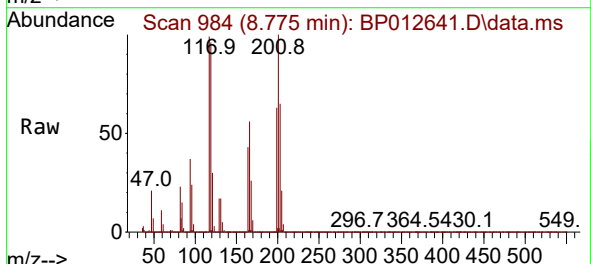
Instrument :
BNA_P
ClientSampleId :
SB-33MS

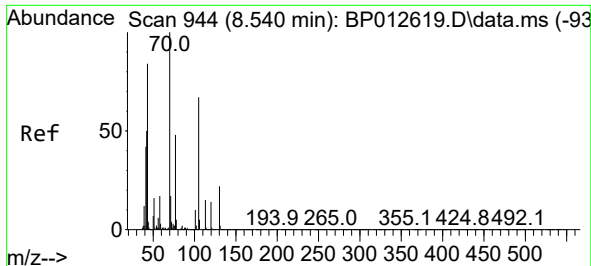
Tgt Ion:	107	Resp:	901707
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.0	133.4
77	45.1	35.3	52.9
79	45.1	35.7	53.5



#18
Hexachloroethane
Concen: 46.190 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:	117	Resp:	399284
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	101.0	83.5	125.3

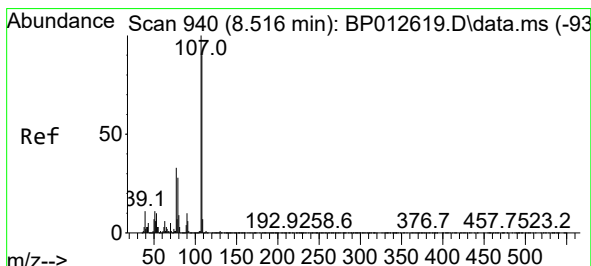
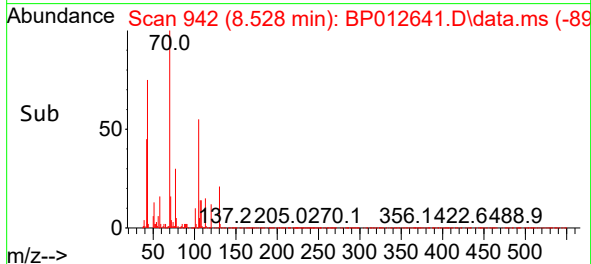
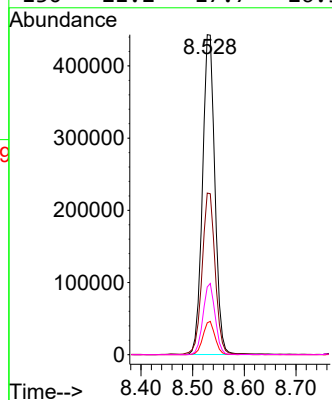
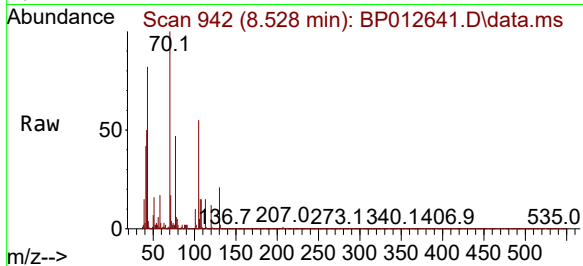




#19
n-Nitroso-di-n-propylamine
Concen: 43.222 ng
RT: 8.528 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

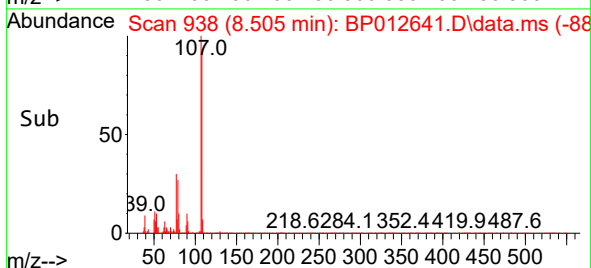
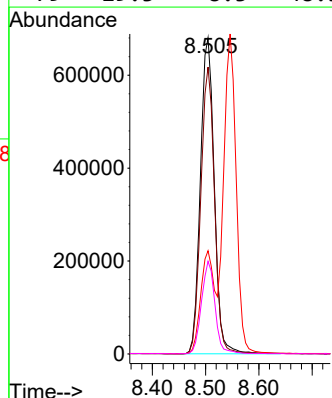
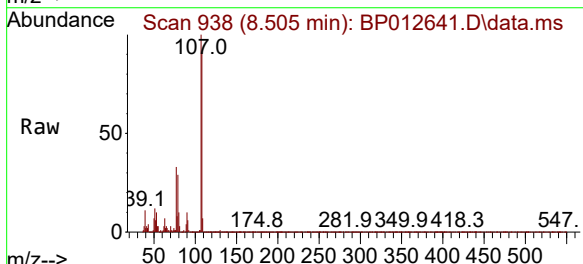
Instrument :
BNA_P
ClientSampleId :
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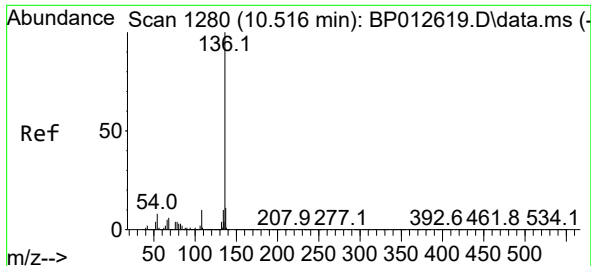
Tgt Ion: 70 Resp: 737096
Ion Ratio Lower Upper
70 100
42 50.5 40.4 60.6
101 10.0 8.2 12.2
130 21.2 17.7 26.5



#20
3+4-Methylphenols
Concen: 47.892 ng
RT: 8.505 min Scan# 938
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 107 Resp: 1230942
Ion Ratio Lower Upper
107 100
108 90.7 69.5 109.5
77 32.6 12.9 52.9
79 29.3 8.3 48.3

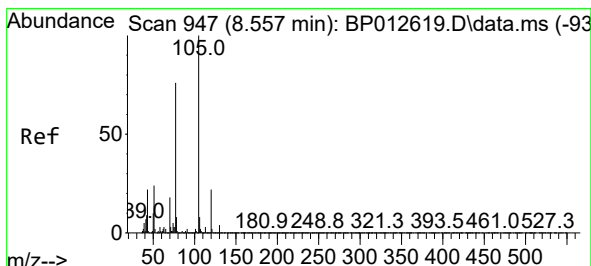
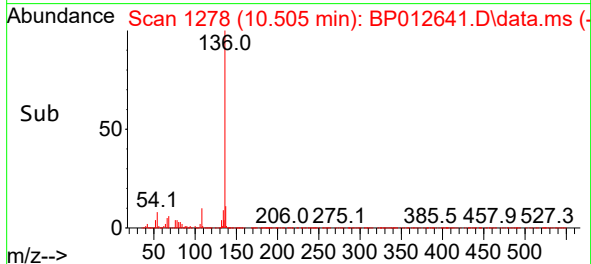
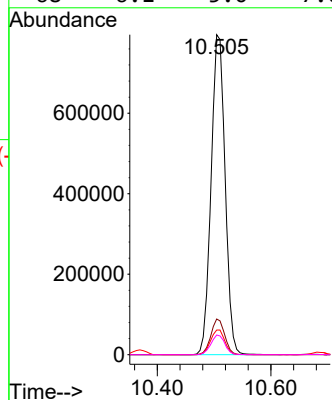
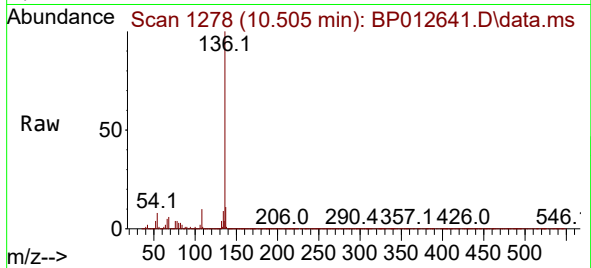




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

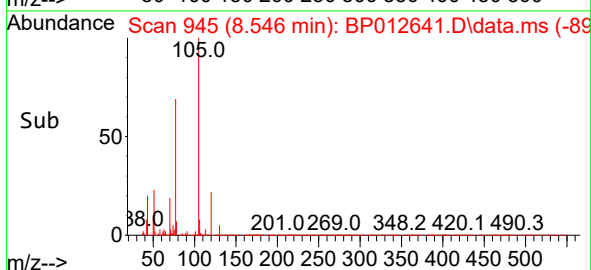
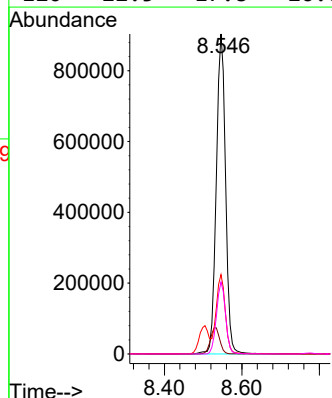
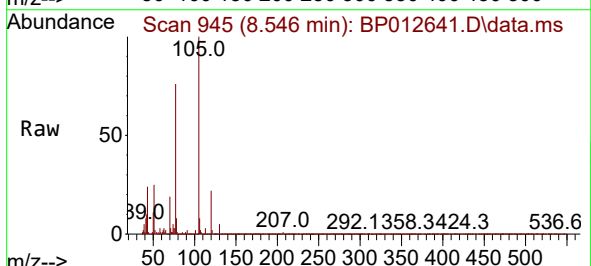
Instrument :
BNA_P
ClientSampleId :
SB-33MS

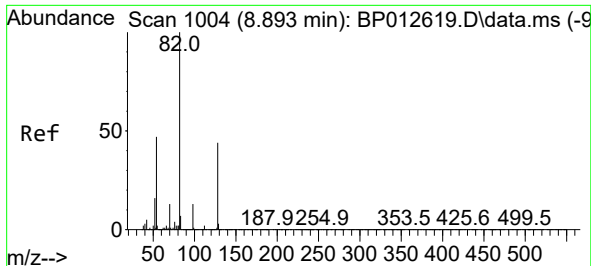
Tgt Ion:136 Resp: 1356748
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.7 6.4 9.6
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 44.493 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:105 Resp: 1503396
Ion Ratio Lower Upper
105 100
71 3.1 2.4 3.6
51 24.8 19.4 29.2
120 22.5 17.8 26.6

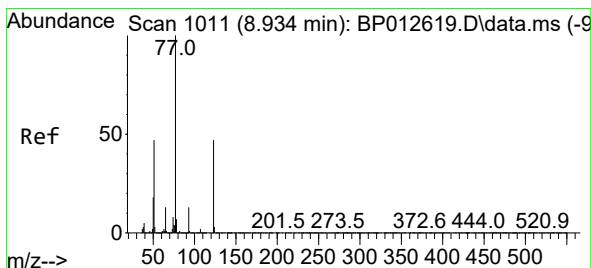
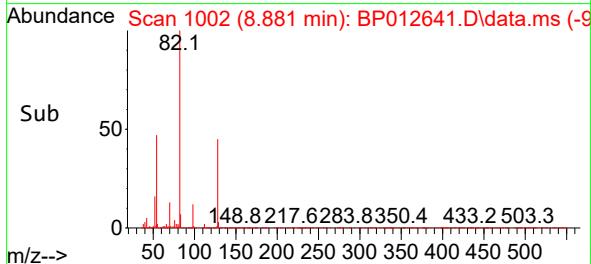
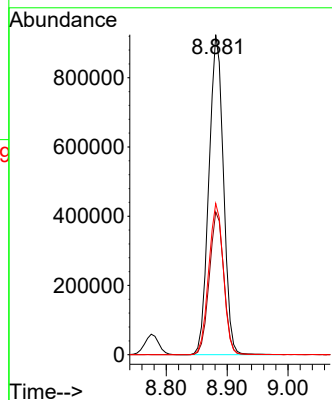
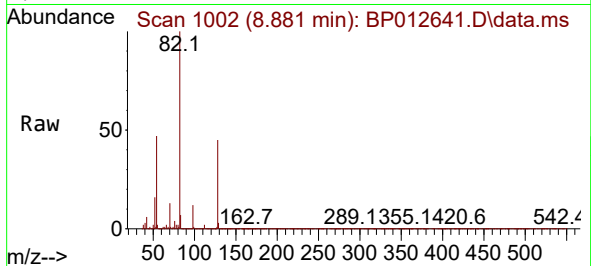




#23
Nitrobenzene-d5
Concen: 62.683 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

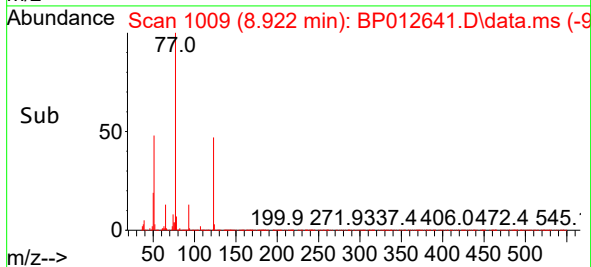
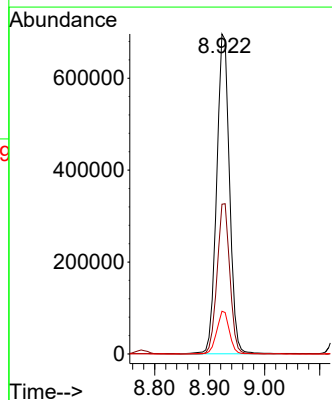
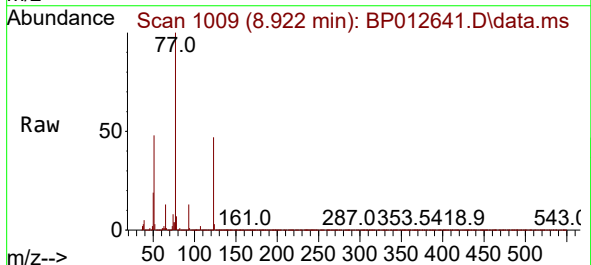
Instrument :
BNA_P
ClientSampleId :
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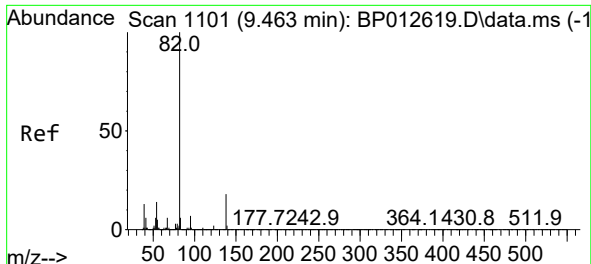
Tgt Ion: 82 Resp: 1532932
Ion Ratio Lower Upper
82 100
128 44.6 35.4 53.2
54 47.3 37.8 56.6



#24
Nitrobenzene
Concen: 44.375 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 77 Resp: 1129778
Ion Ratio Lower Upper
77 100
123 46.8 37.4 56.0
65 13.3 10.7 16.1

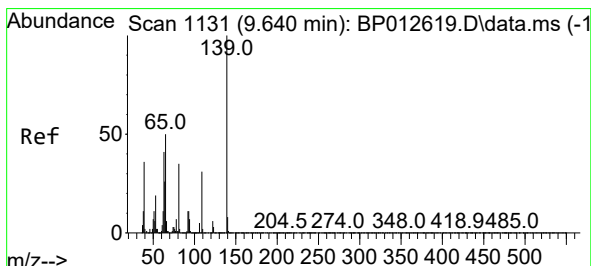
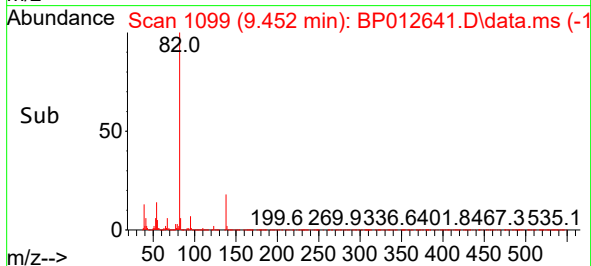
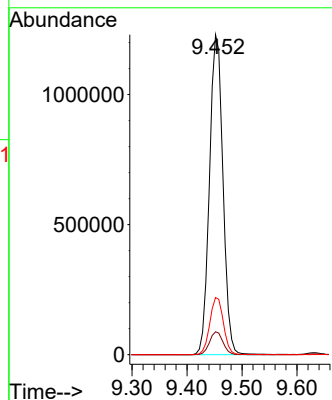
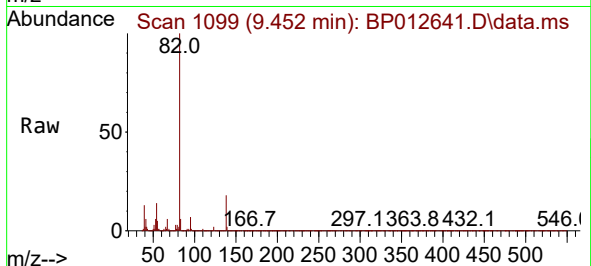




#25
Isophorone
Concen: 45.617 ng
RT: 9.452 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

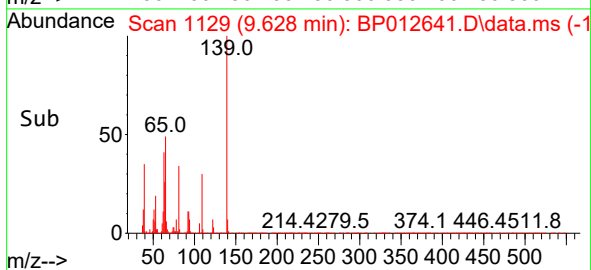
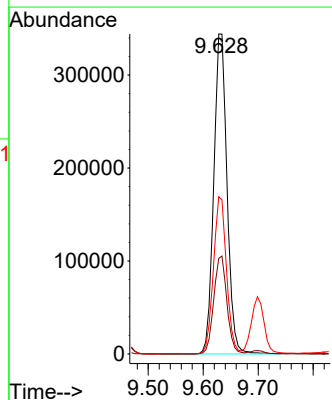
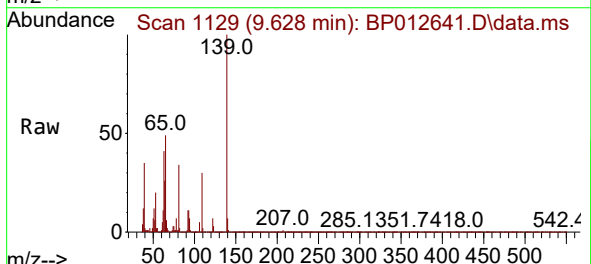
Instrument :
BNA_P
ClientSampleId :
SB-33MS

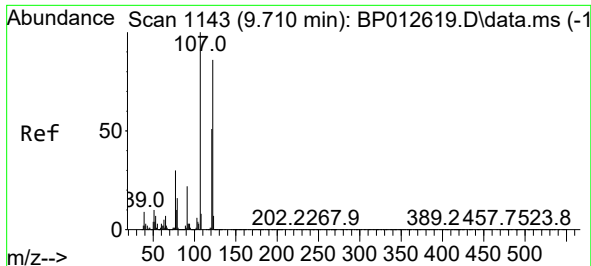
Tgt Ion: 82 Resp: 2095737
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 47.198 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 139 Resp: 576764
Ion Ratio Lower Upper
139 100
109 29.8 24.6 37.0
65 49.1 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 54.064 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

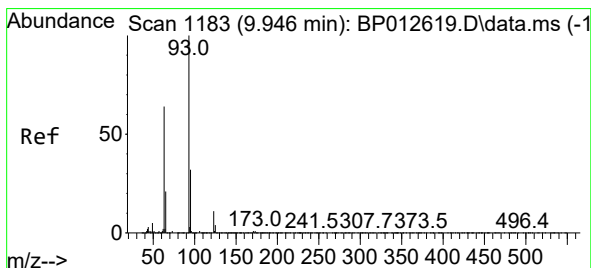
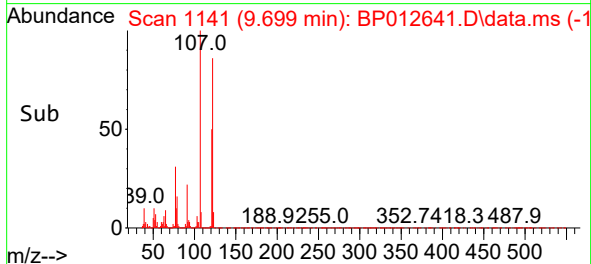
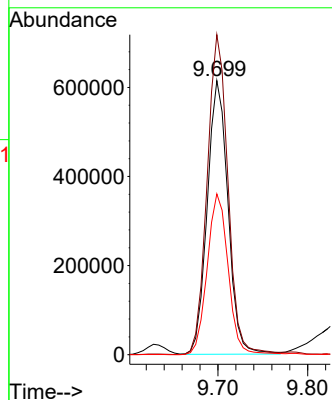
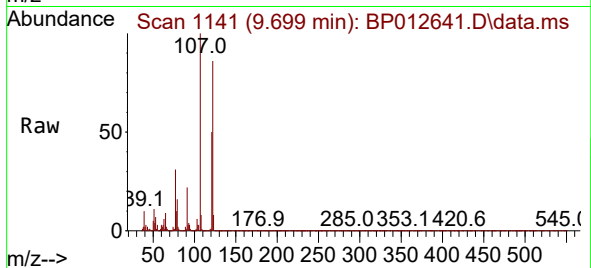
Tgt Ion:122 Resp: 987000

Ion Ratio Lower Upper

122 100

107 116.8 92.7 139.1

121 58.7 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.166 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

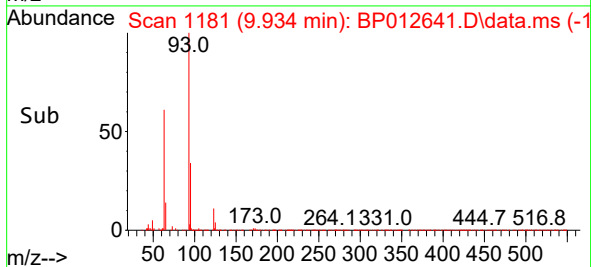
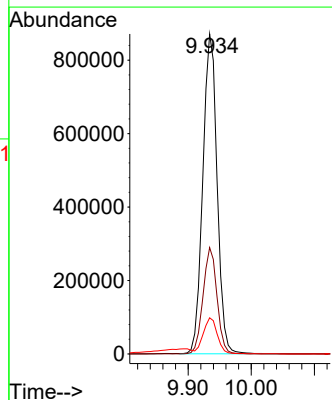
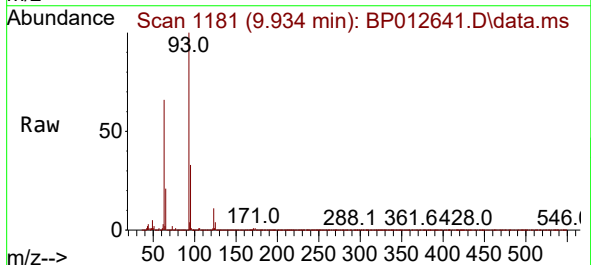
Tgt Ion: 93 Resp: 1371107

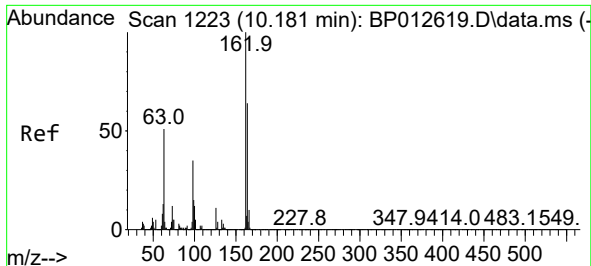
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 48.448 ng

RT: 10.169 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

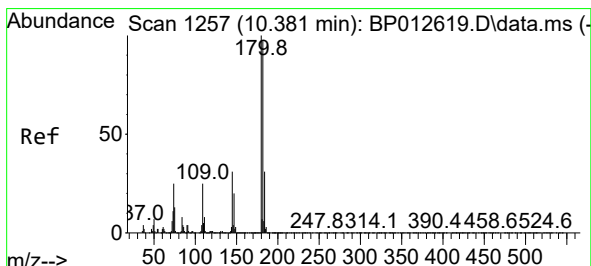
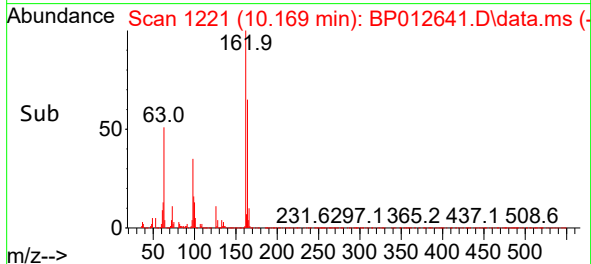
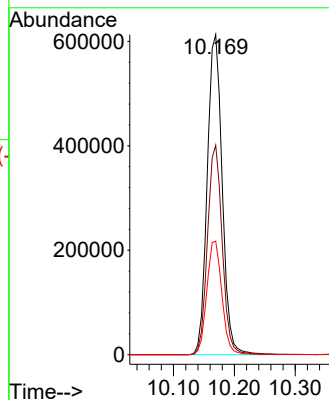
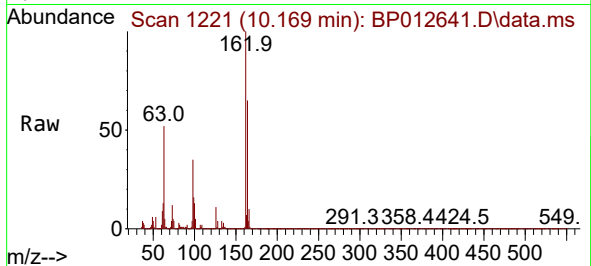
Tgt Ion:162 Resp: 1047787

Ion Ratio Lower Upper

162 100

164 65.4 44.1 84.1

98 35.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.678 ng

RT: 10.369 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

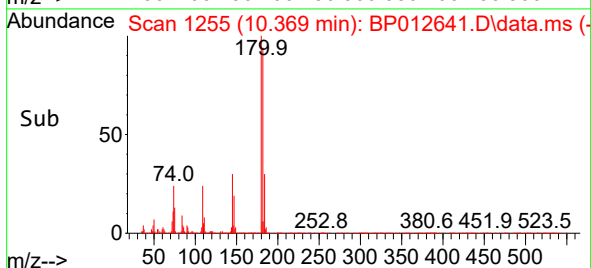
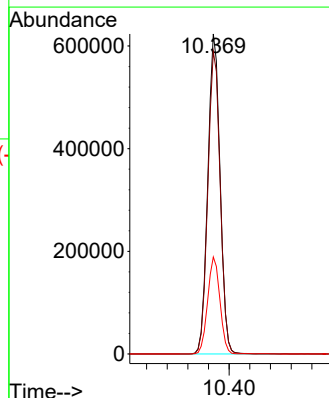
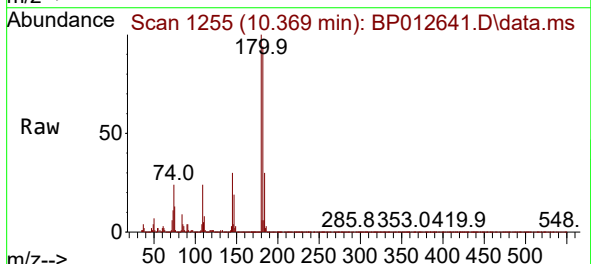
Tgt Ion:180 Resp: 1023690

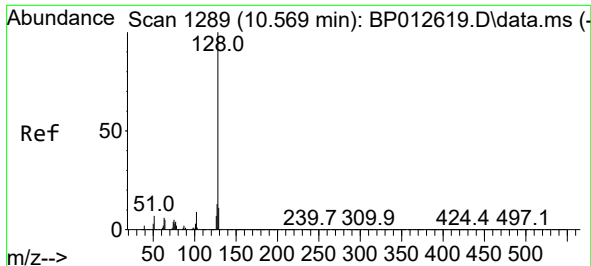
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

145 30.3 24.6 36.8

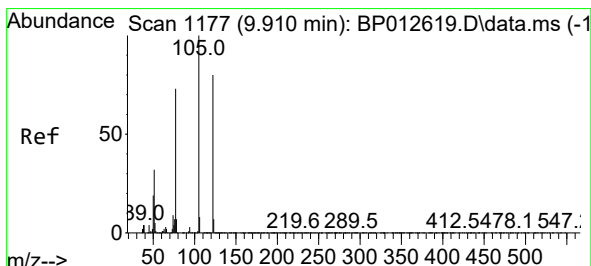
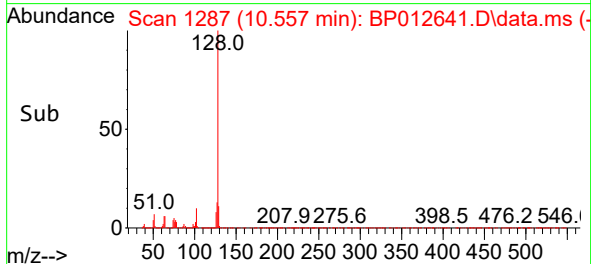
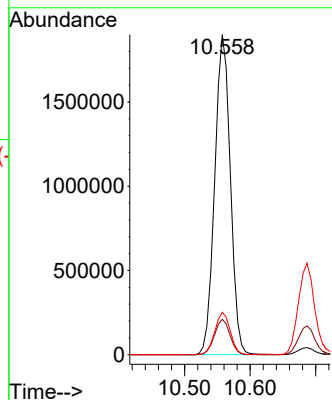
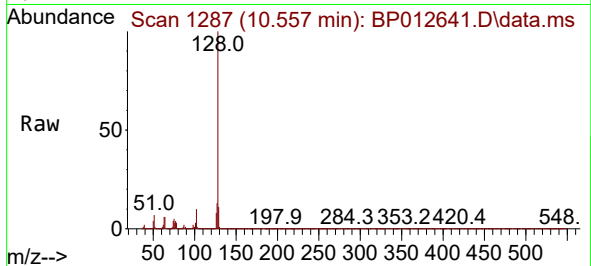




#31
Naphthalene
Concen: 42.527 ng
RT: 10.557 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

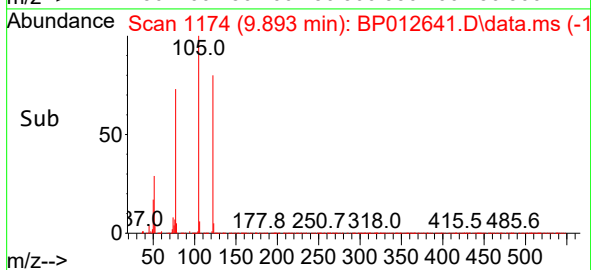
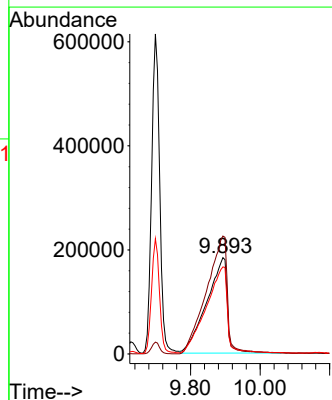
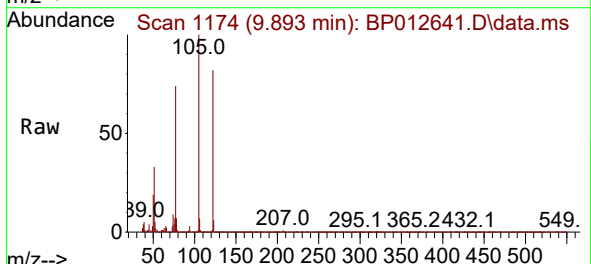
Instrument :
BNA_P
ClientSampleId :
SB-33MS

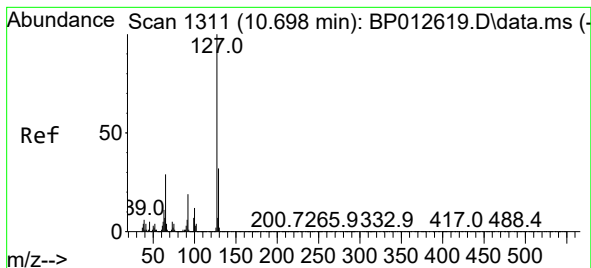
Tgt Ion:128 Resp: 3134595
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 41.223 ng
RT: 9.893 min Scan# 1174
Delta R.T. -0.017 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:122 Resp: 758017
Ion Ratio Lower Upper
122 100
105 122.5 102.2 142.2
77 90.4 70.7 110.7





#33

4-Chloroaniline

Concen: 30.831 ng

RT: 10.687 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

Tgt Ion:127 Resp: 947834

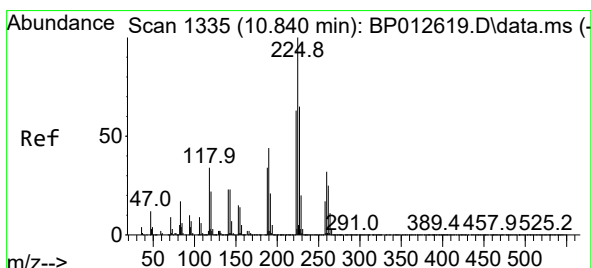
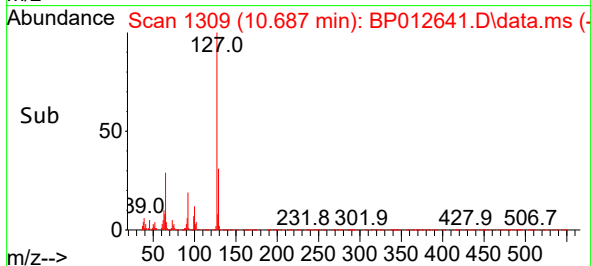
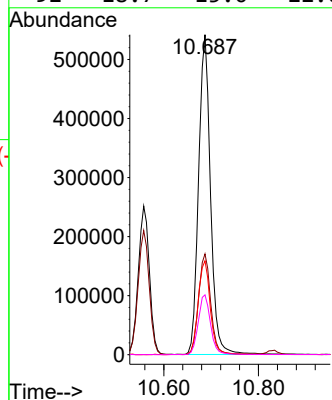
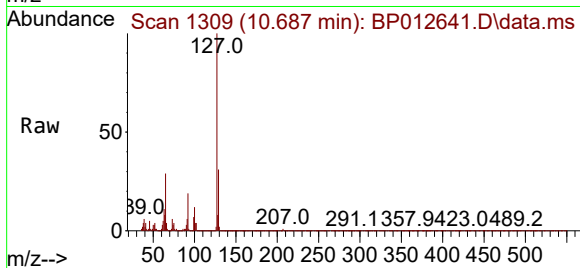
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.6

65 29.3 23.4 35.0

92 18.7 15.0 22.6



#34

Hexachlorobutadiene

Concen: 42.376 ng

RT: 10.828 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

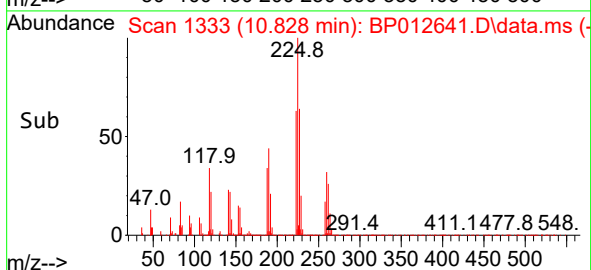
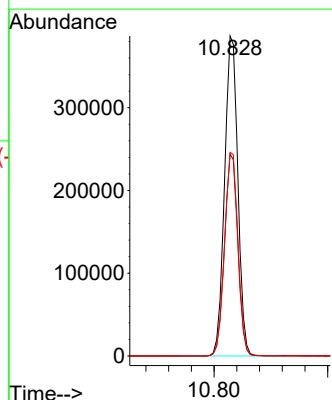
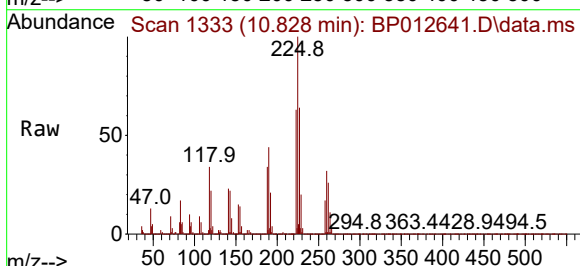
Tgt Ion:225 Resp: 628356

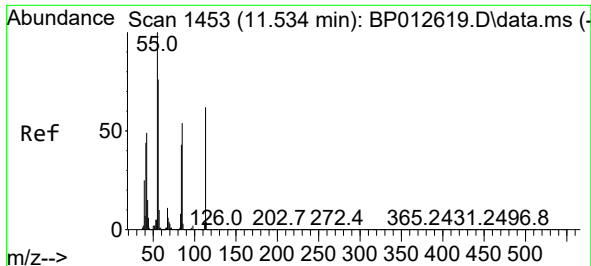
Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

227 63.7 51.7 77.5

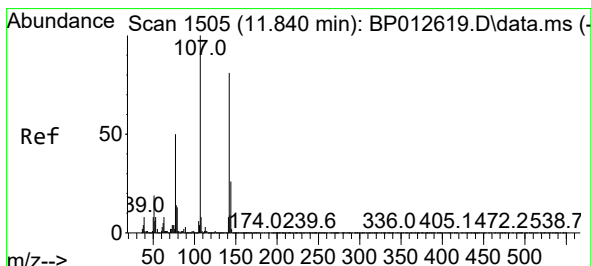
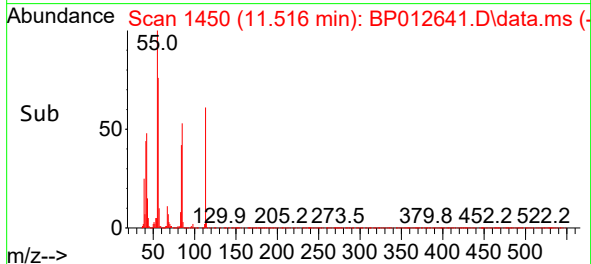
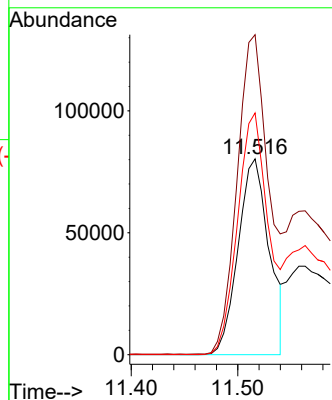
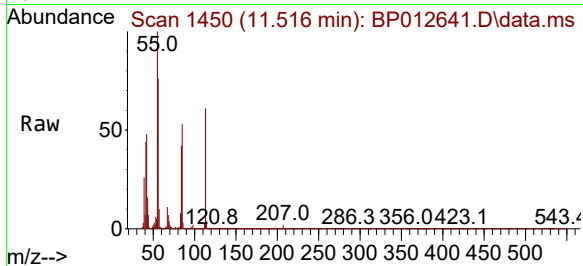




#35
Caprolactam
Concen: 22.523 ng
RT: 11.516 min Scan# 1453
Delta R.T. -0.017 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

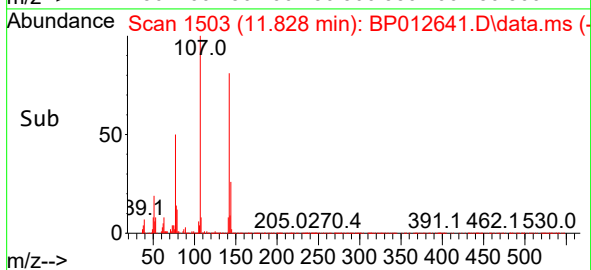
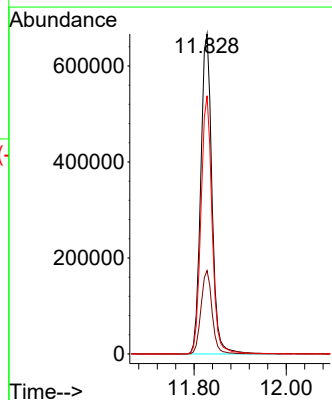
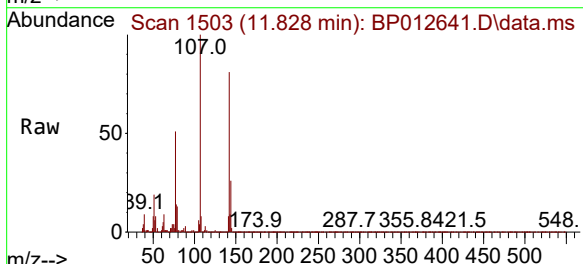
Instrument :
BNA_P
ClientSampleId :
SB-33MS

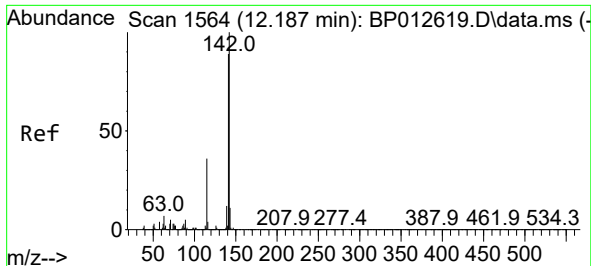
Tgt Ion:113 Resp: 162810
Ion Ratio Lower Upper
113 100
55 163.4 141.9 181.9
56 123.4 102.8 142.8



#36
4-Chloro-3-methylphenol
Concen: 46.244 ng
RT: 11.828 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:107 Resp: 1128818
Ion Ratio Lower Upper
107 100
144 26.0 20.9 31.3
142 80.7 64.8 97.2

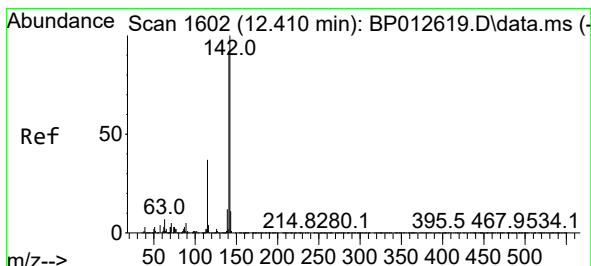
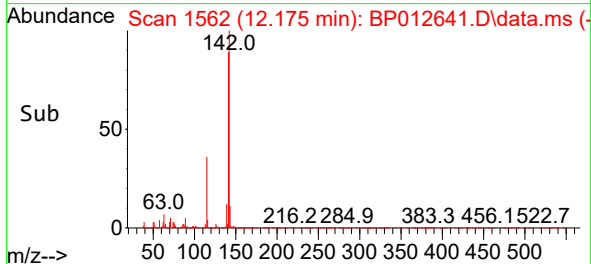
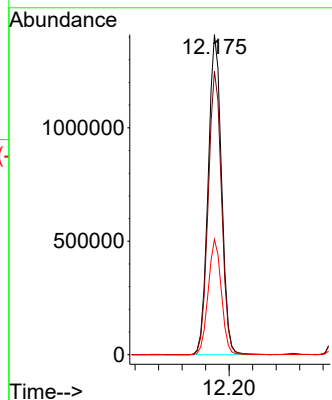
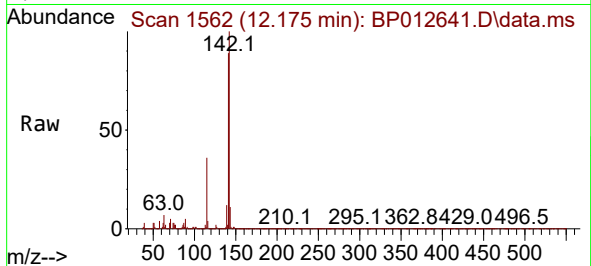




#37
2-Methylnaphthalene
Concen: 42.177 ng
RT: 12.175 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

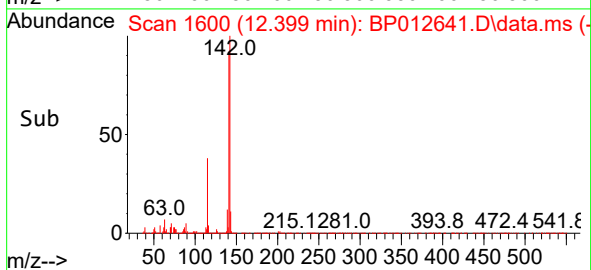
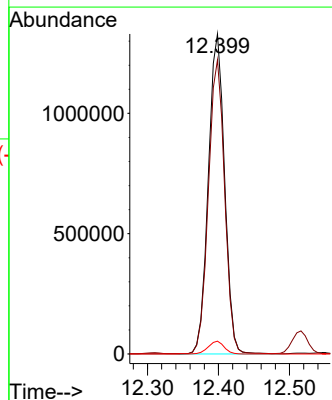
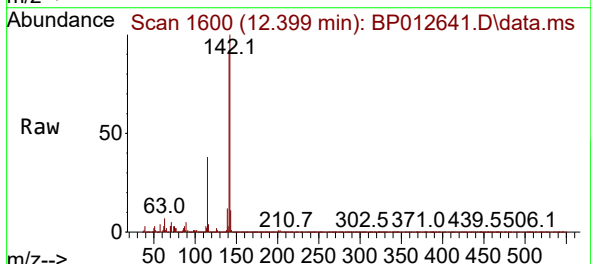
Instrument :
BNA_P
ClientSampleId :
SB-33MS

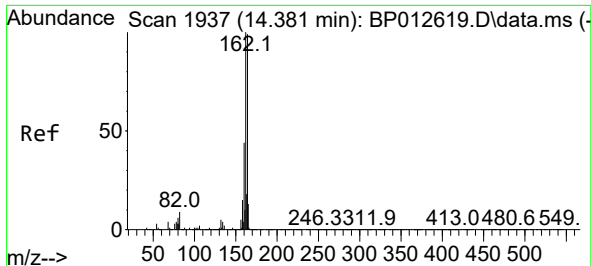
Tgt Ion:142 Resp: 2228291
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3
115 36.0 29.0 43.4



#38
1-Methylnaphthalene
Concen: 40.860 ng
RT: 12.399 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:142 Resp: 2112147
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0
116 4.0 3.1 4.7

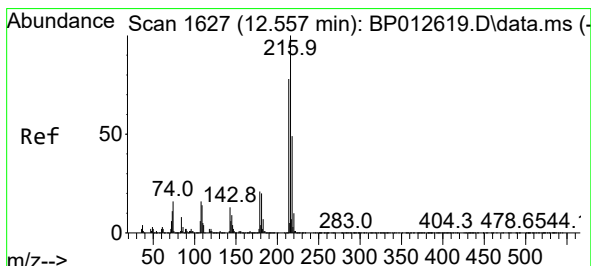
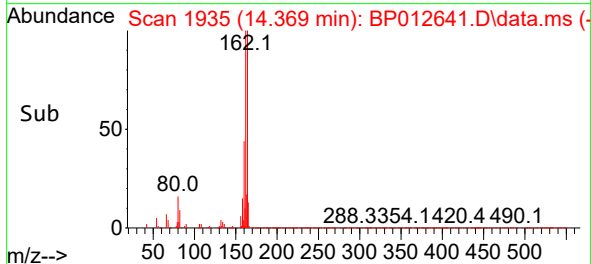
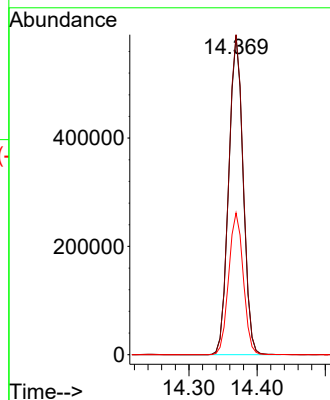
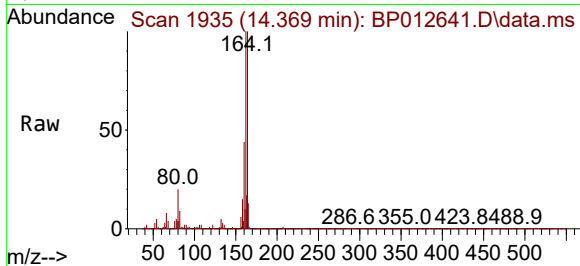




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

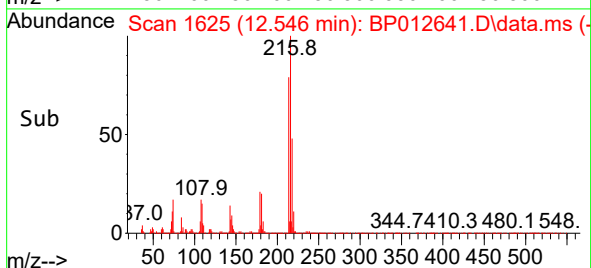
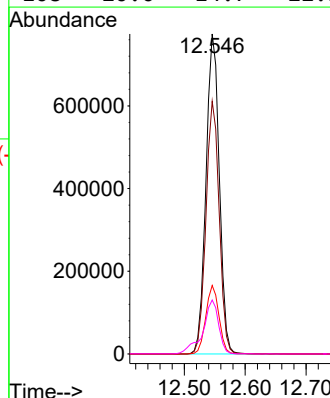
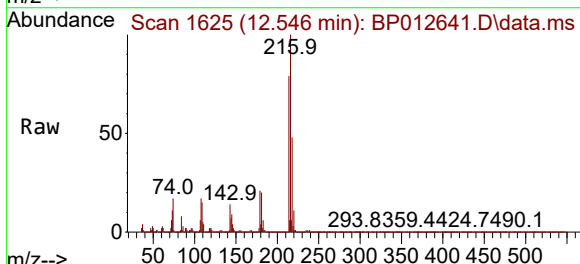
Instrument :
BNA_P
ClientSampleId :
SB-33MS

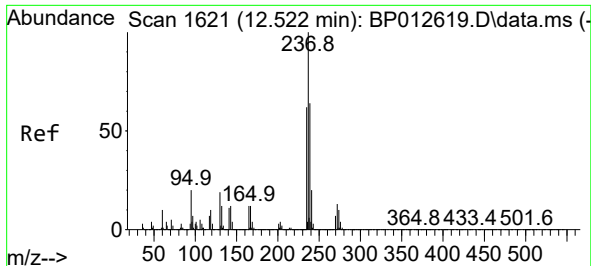
Tgt Ion:164 Resp: 864717
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 44.5 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.607 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:216 Resp: 1175103
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 21.1 16.8 25.2
108 20.0 14.7 22.1

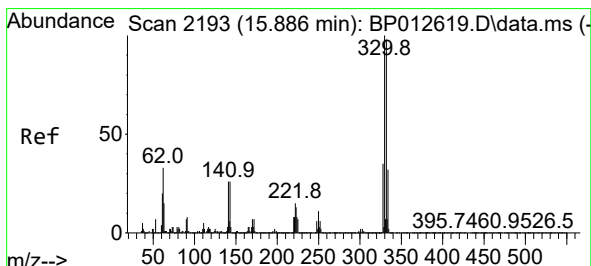
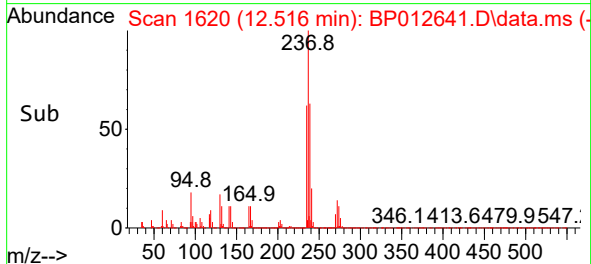
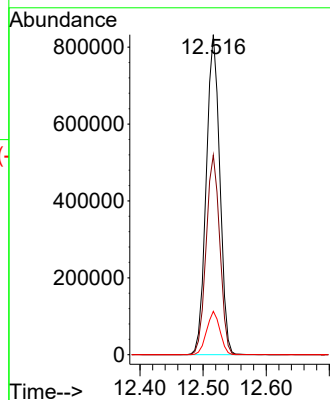
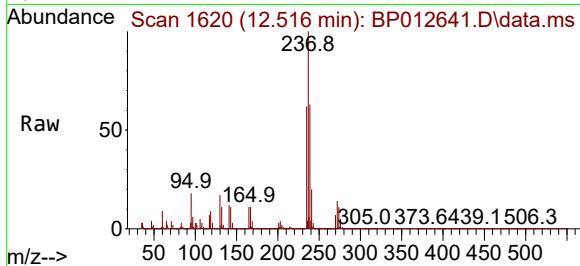




#41
Hexachlorocyclopentadiene
Concen: 93.369 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

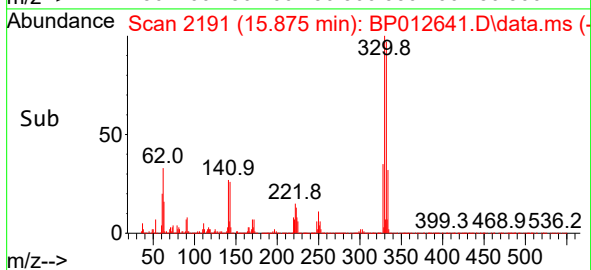
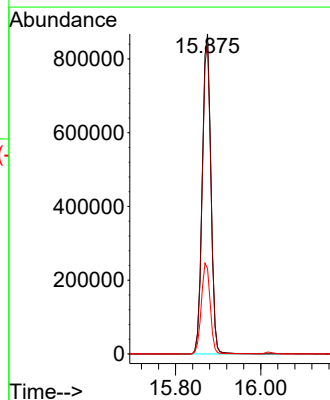
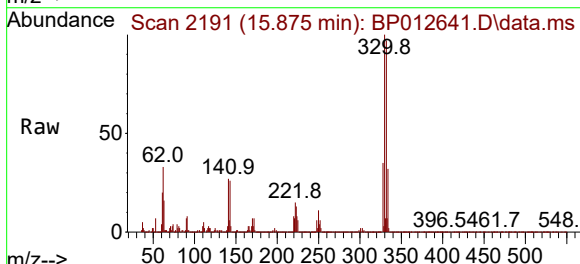
Instrument :
BNA_P
ClientSampleId :
SB-33MS

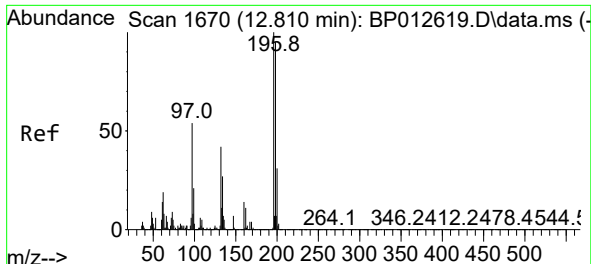
Tgt Ion:237 Resp: 1239764
Ion Ratio Lower Upper
237 100
235 62.3 42.1 82.1
272 13.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 103.809 ng
RT: 15.875 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:330 Resp: 1225419
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 28.9 23.7 35.5

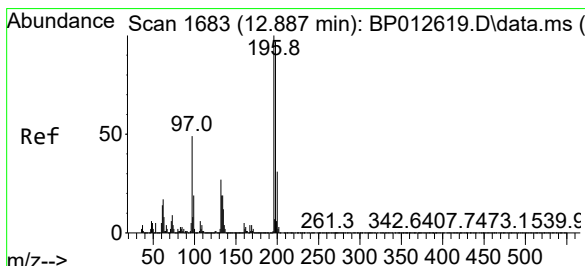
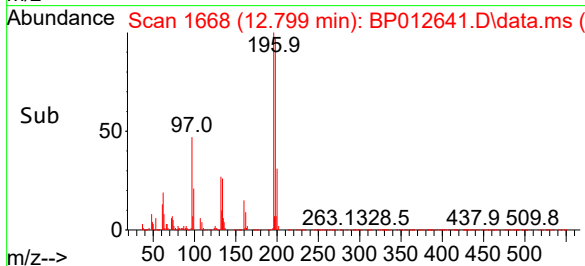
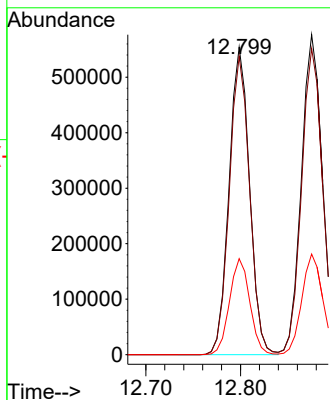
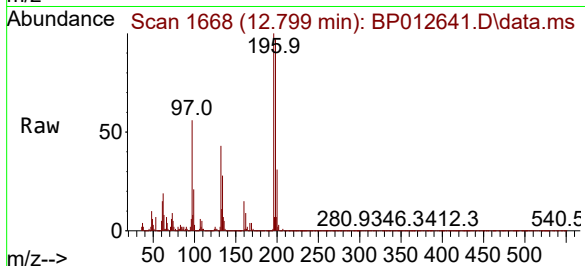




#43
2,4,6-Trichlorophenol
Concen: 46.044 ng
RT: 12.799 min Scan# 1668
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

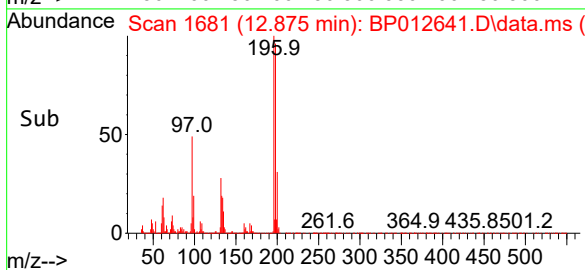
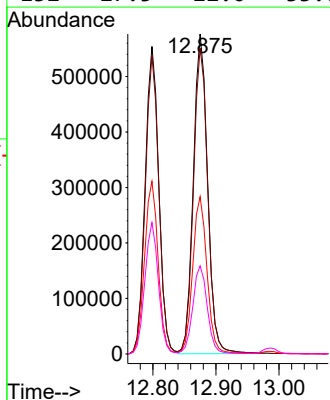
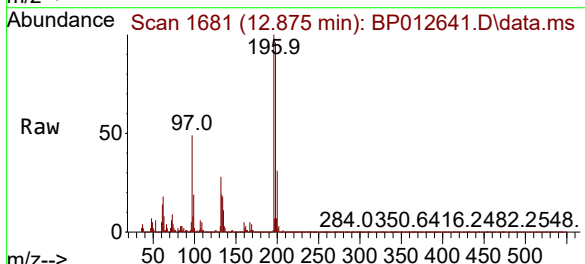
Instrument :
BNA_P
ClientSampleId :
SB-33MS

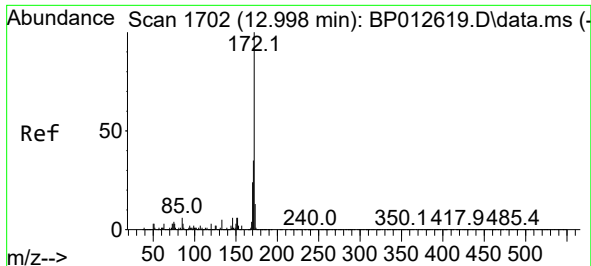
Tgt Ion:196 Resp: 833346
Ion Ratio Lower Upper
196 100
198 96.9 75.9 113.9
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.913 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:196 Resp: 907352
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.8
97 49.2 39.0 58.4
132 27.5 22.0 33.0

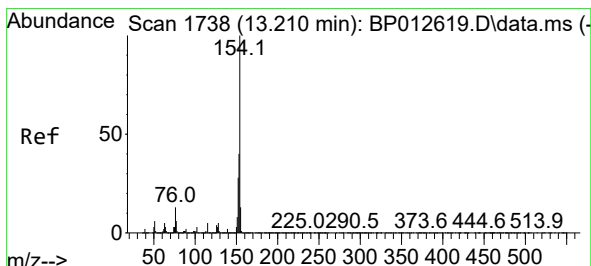
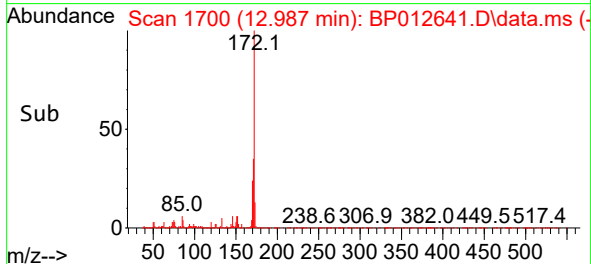
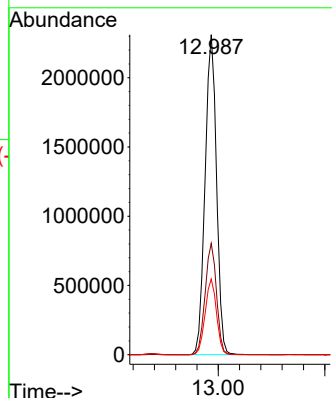
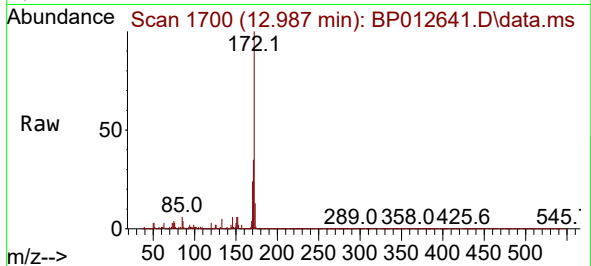




#45
2-Fluorobiphenyl
Concen: 60.368 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

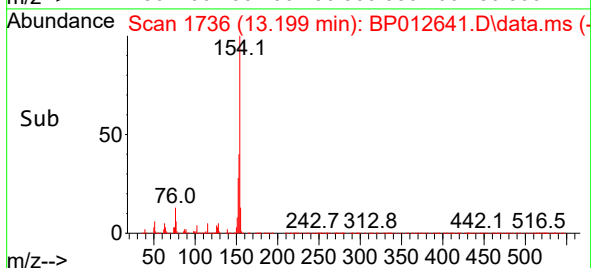
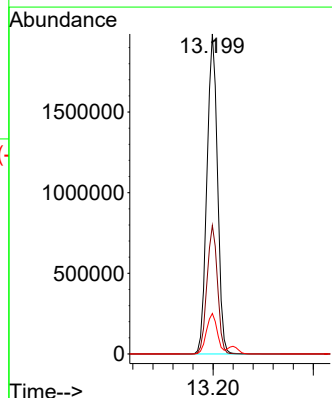
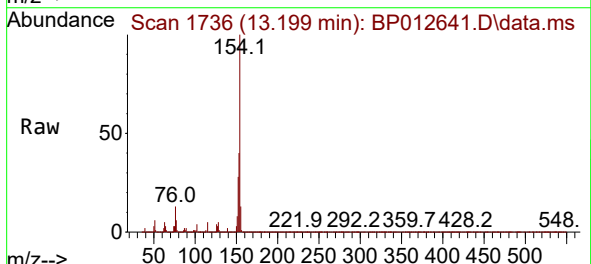
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BNA_P
ClientSampleId :
SB-33MS

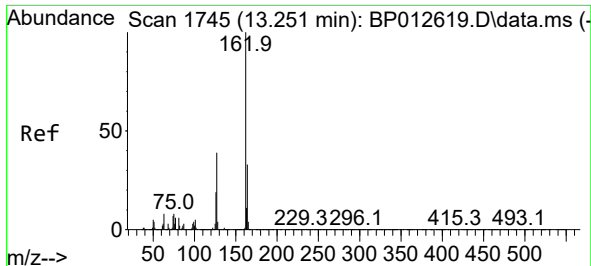
Tgt Ion:172 Resp: 3438643
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.300 ng
RT: 13.199 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:154 Resp: 2900867
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.6 0.0 32.7

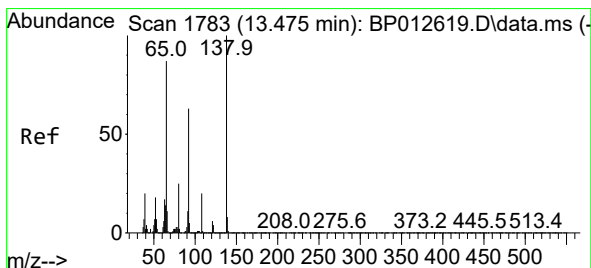
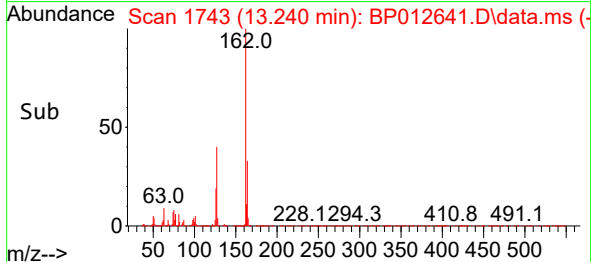
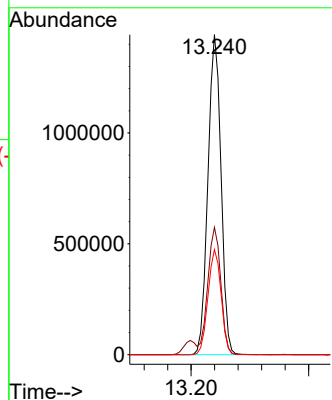
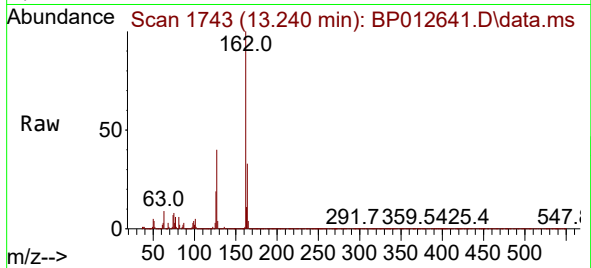




#47
2-Chloronaphthalene
Concen: 44.336 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

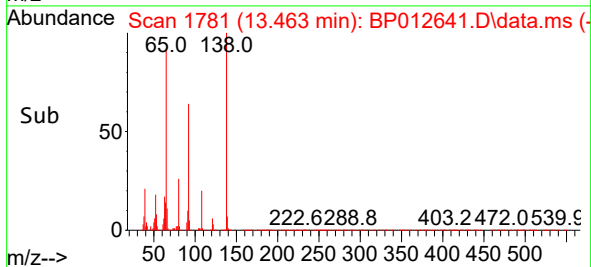
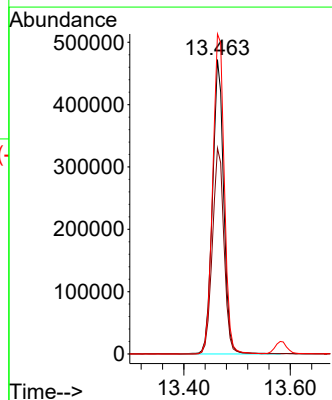
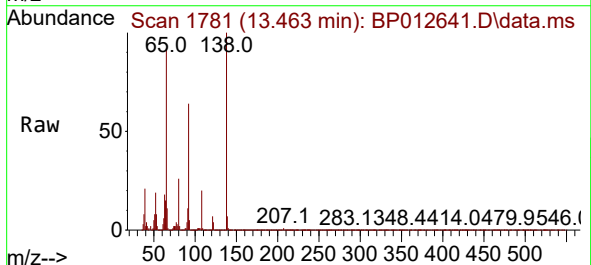
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BNA_P
ClientSampleId :
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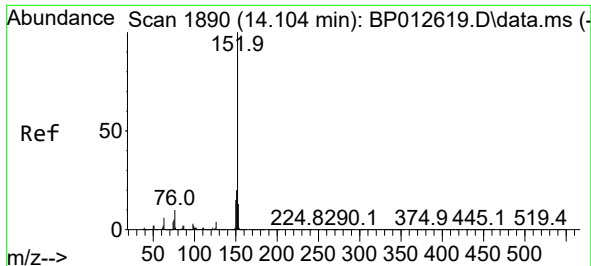
Tgt Ion:162 Resp: 2228355
Ion Ratio Lower Upper
162 100
127 39.8 31.5 47.3
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 45.422 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion: 65 Resp: 690456
Ion Ratio Lower Upper
65 100
92 69.9 57.3 85.9
138 108.7 91.4 137.2

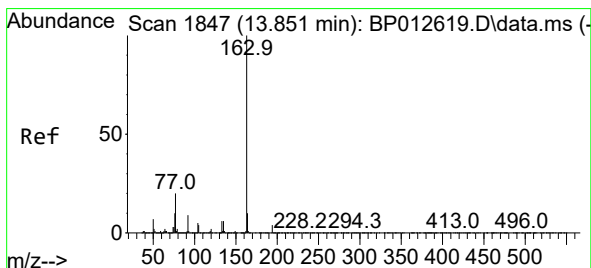
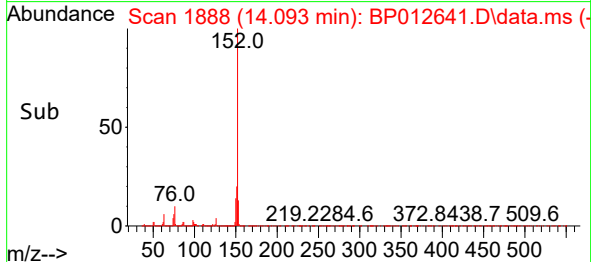
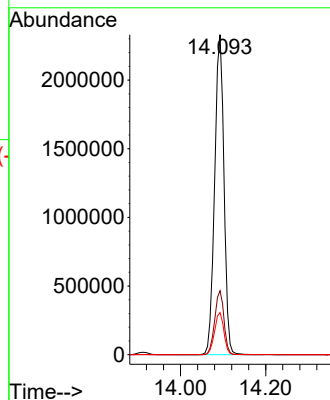
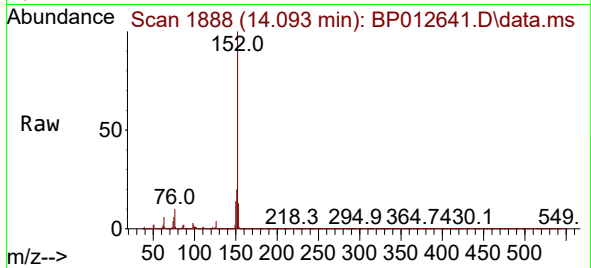




#49
Acenaphthylene
Concen: 44.294 ng
RT: 14.093 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

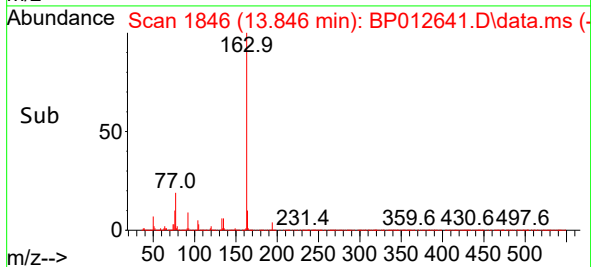
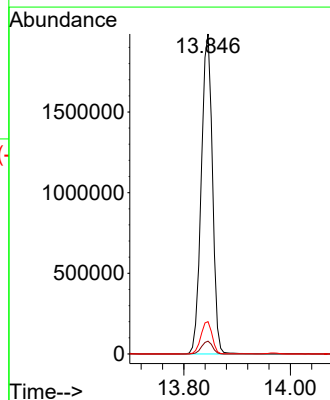
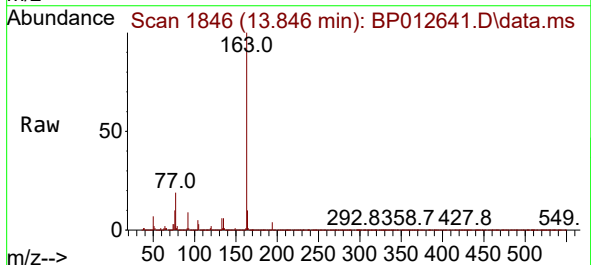
Instrument :
BNA_P
ClientSampleId :
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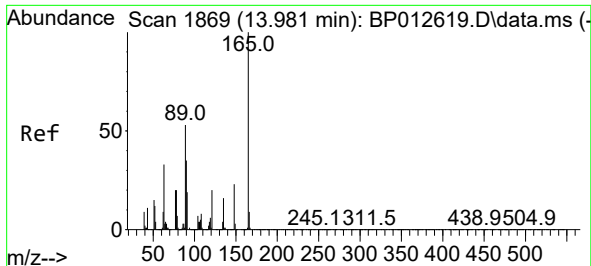
Tgt Ion:152 Resp: 3535239
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 42.105 ng
RT: 13.846 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:163 Resp: 2877285
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.4

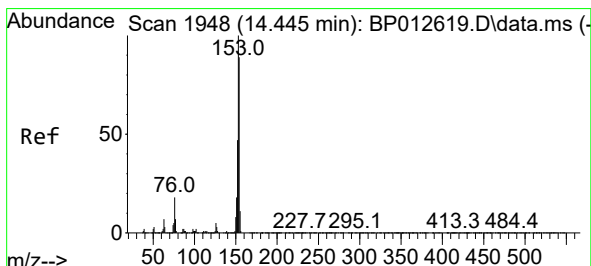
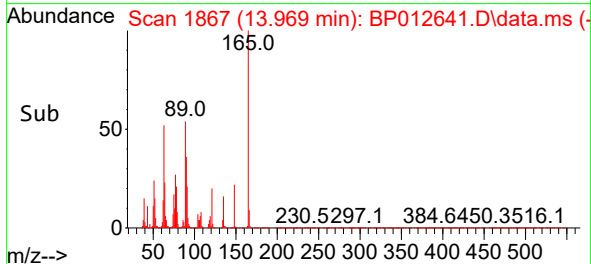
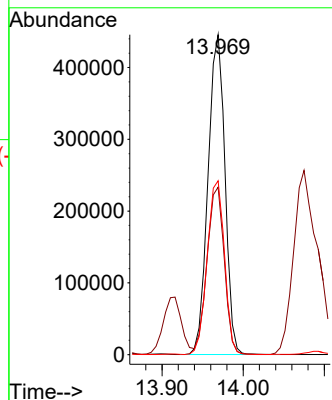
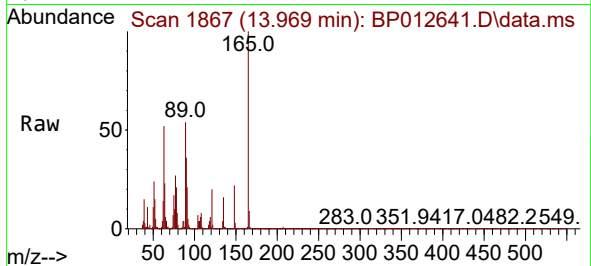




#51
2,6-Dinitrotoluene
Concen: 44.267 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

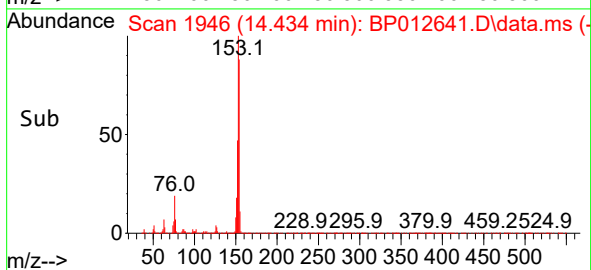
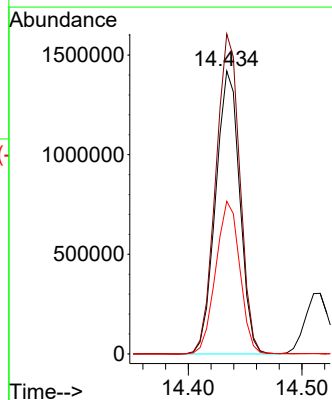
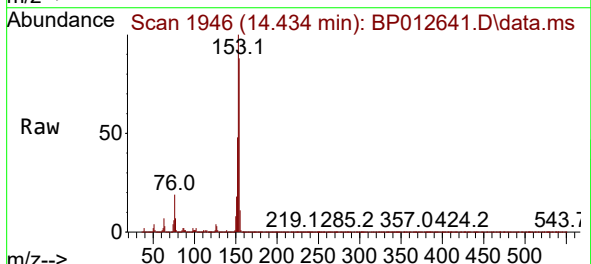
Instrument :
BNA_P
ClientSampleId :
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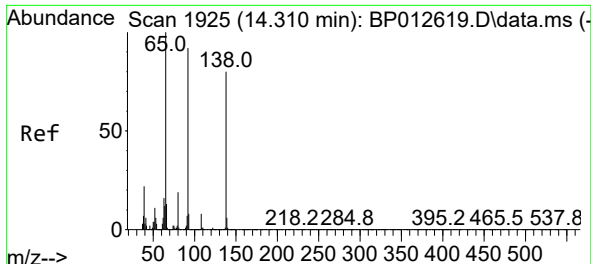
Tgt Ion:165 Resp: 645094
Ion Ratio Lower Upper
165 100
63 52.3 40.7 61.1
89 54.3 42.8 64.2



#52
Acenaphthene
Concen: 43.099 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:154 Resp: 2093801
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 54.0 42.8 64.2

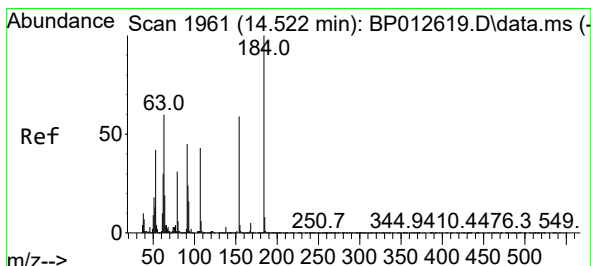
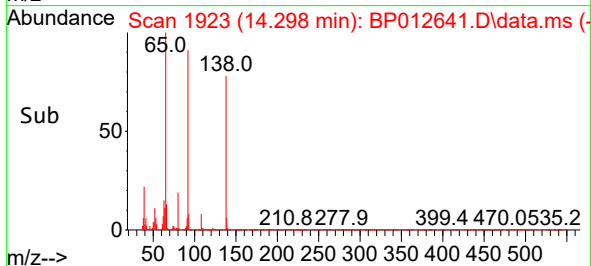
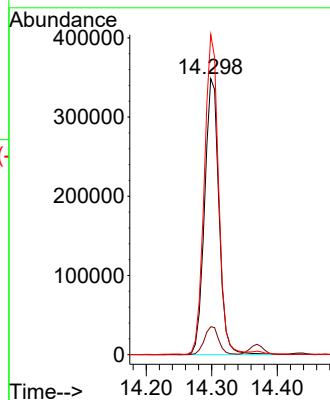
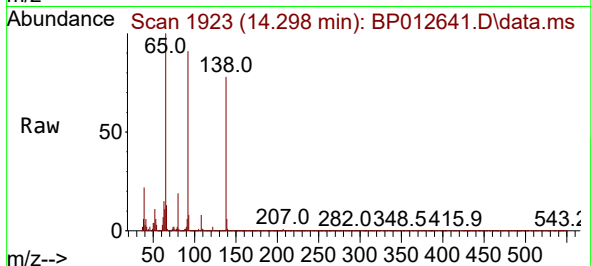




#53
3-Nitroaniline
Concen: 34.026 ng
RT: 14.298 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

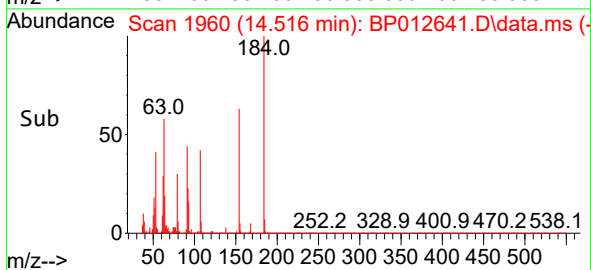
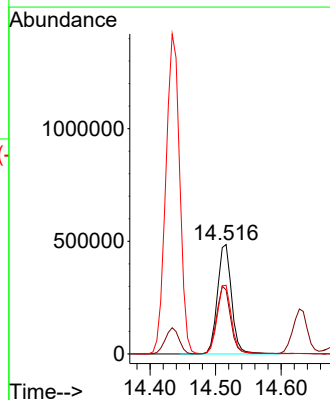
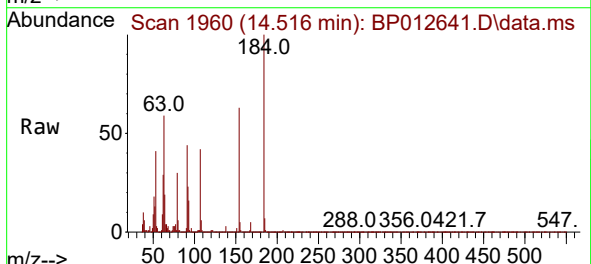
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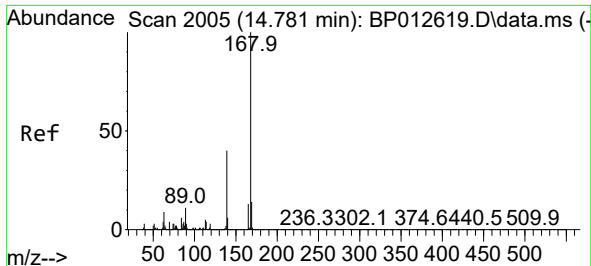
Tgt Ion:138 Resp: 533653
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 115.9 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 70.826 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:184 Resp: 726466
Ion Ratio Lower Upper
184 100
63 58.5 48.5 72.7
154 62.7 49.4 74.2

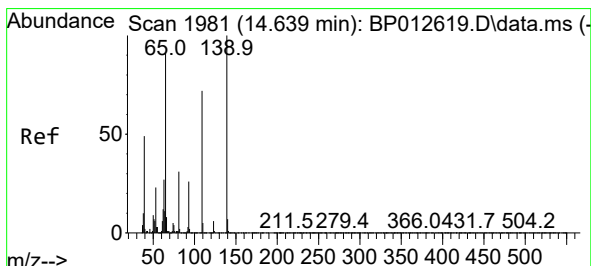
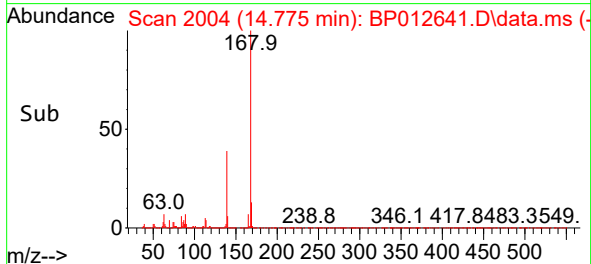
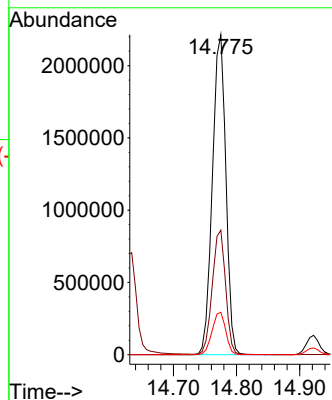
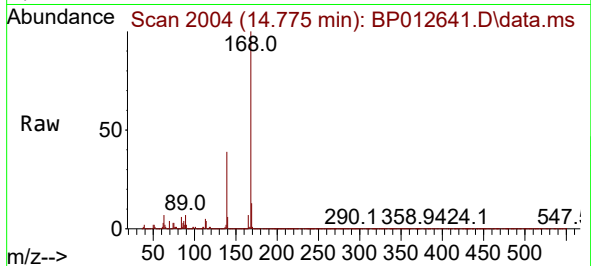




#55
Dibenzenofuran
Concen: 42.561 ng
RT: 14.775 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

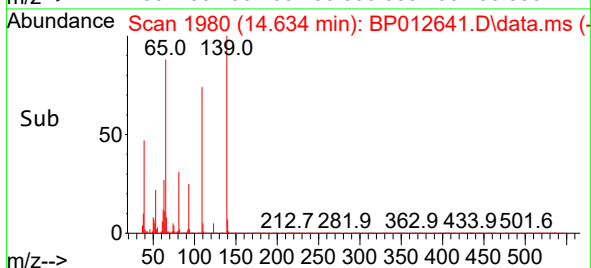
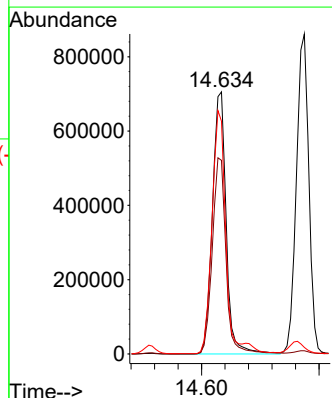
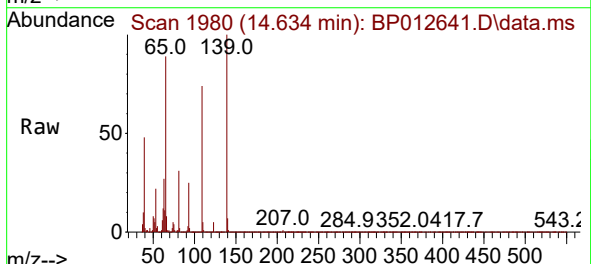
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ClientSampleId :
SB-33MS

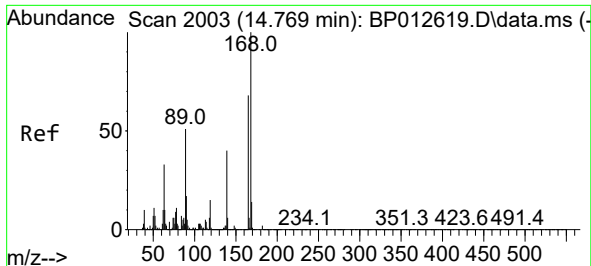
Tgt Ion:168 Resp: 3268022
Ion Ratio Lower Upper
168 100
139 38.9 31.7 47.5
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 87.918 ng
RT: 14.634 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:139 Resp: 1145986
Ion Ratio Lower Upper
139 100
109 73.9 52.1 92.1
65 88.8 71.4 111.4

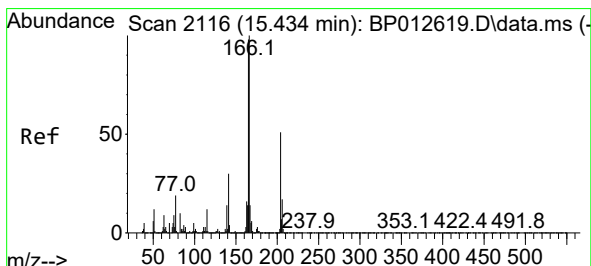
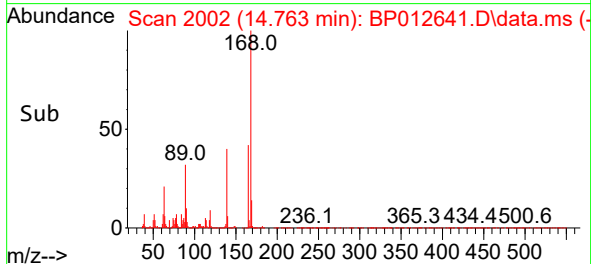
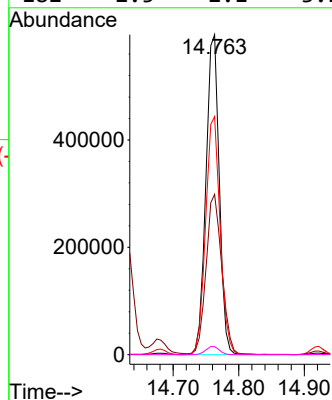
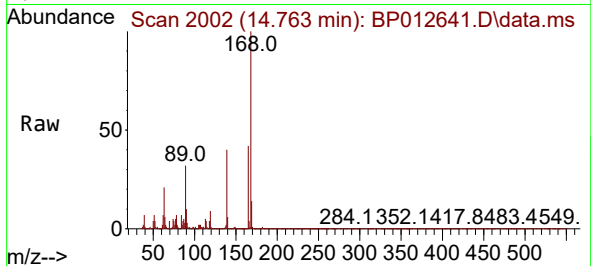




#57
2,4-Dinitrotoluene
Concen: 44.793 ng
RT: 14.763 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

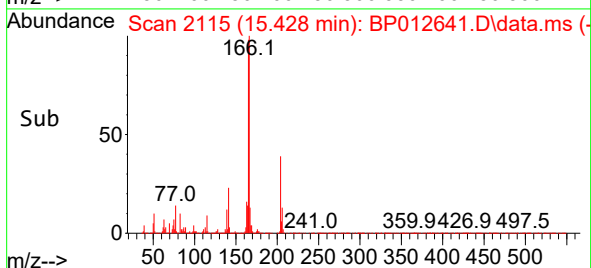
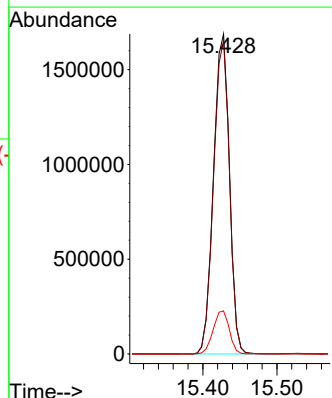
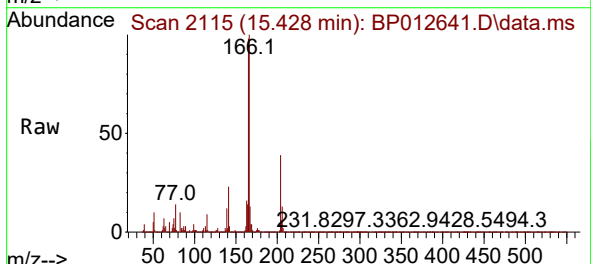
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ClientSampleId :
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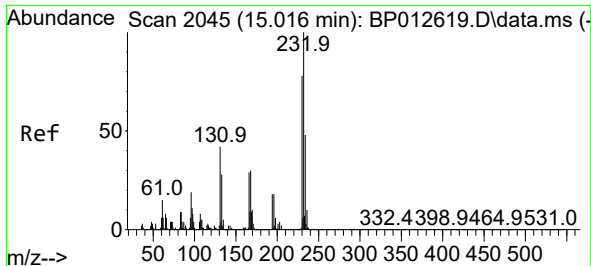
Tgt Ion:165 Resp: 841270
Ion Ratio Lower Upper
165 100
63 50.1 39.1 58.7
89 74.4 60.3 90.5
182 2.5 2.1 3.1



#58
Fluorene
Concen: 41.535 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:166 Resp: 2517558
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.4 11.0 16.4

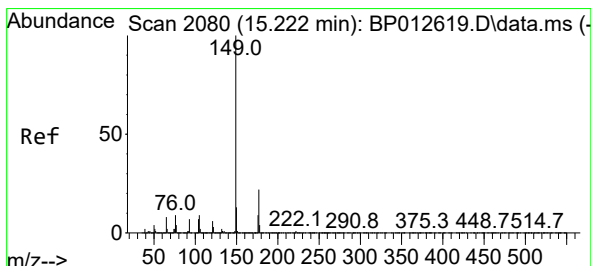
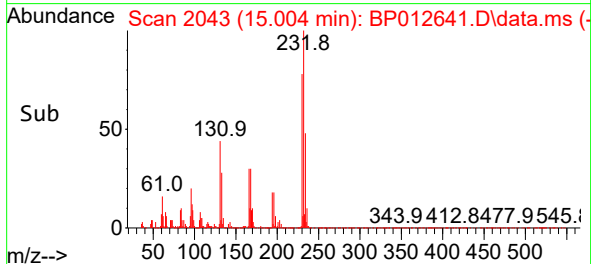
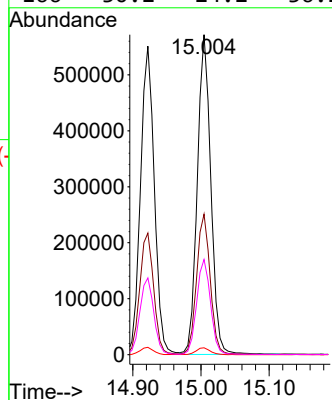
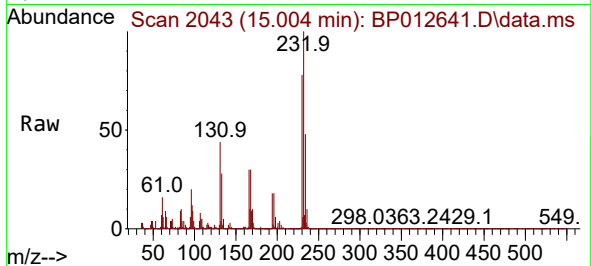




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.236 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

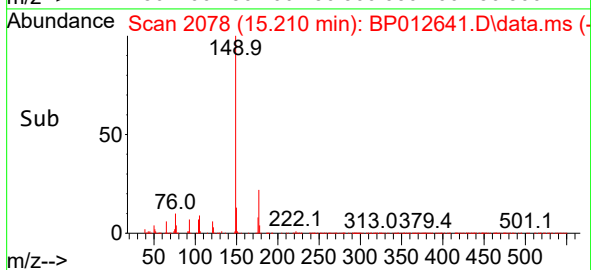
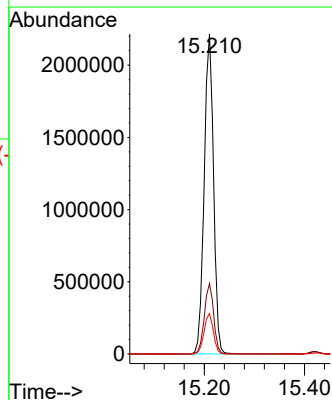
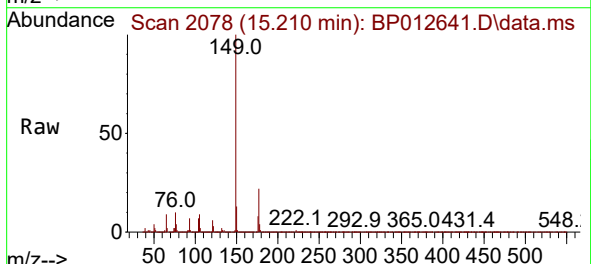
Instrument :
BNA_P
ClientSampleId :
SB-33MS

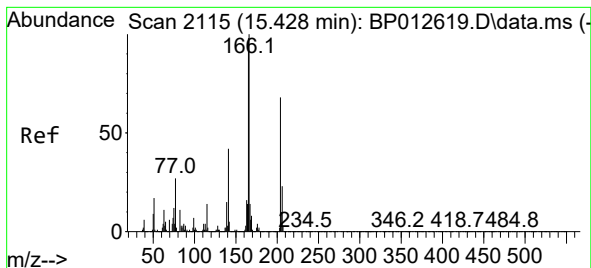
Tgt Ion:232 Resp: 785866
Ion Ratio Lower Upper
232 100
131 44.5 35.5 53.3
130 2.2 1.8 2.8
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 42.017 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:149 Resp: 2874391
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.6 10.2 15.2

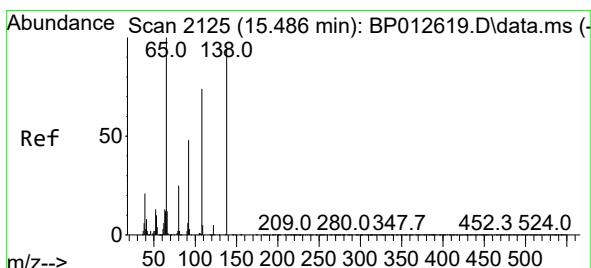
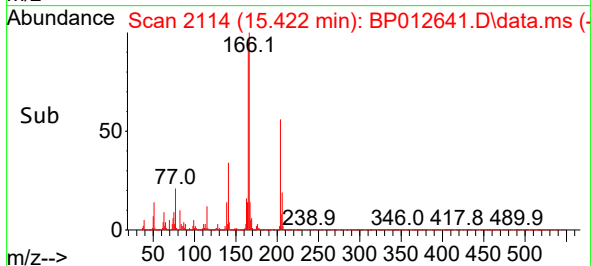
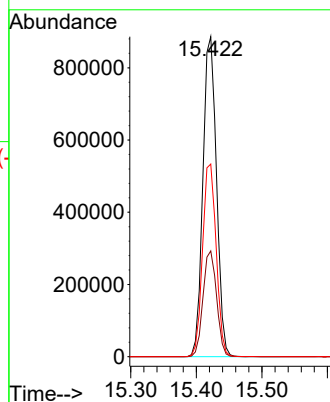
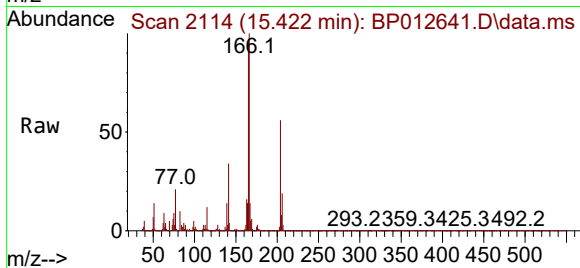




#61
4-Chlorophenyl-phenylether
Concen: 42.524 ng
RT: 15.422 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

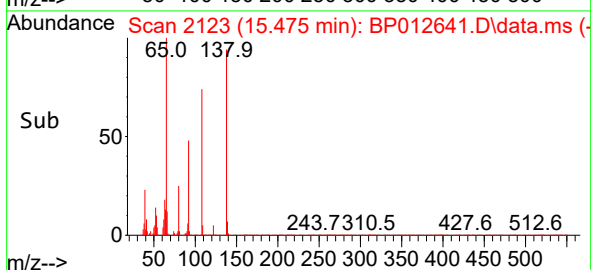
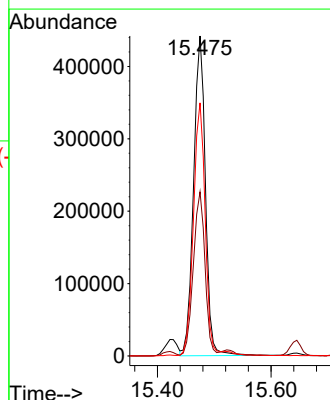
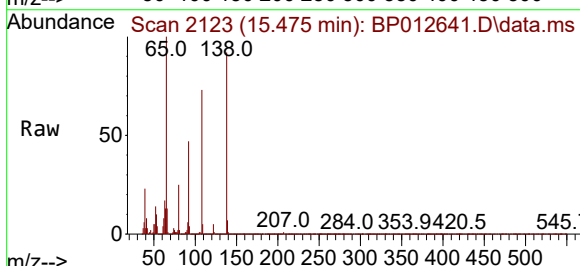
Instrument :
BNA_P
ClientSampleId :
SB-33MS

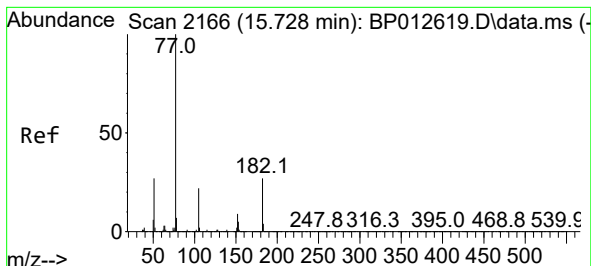
Tgt Ion:204 Resp: 1277604
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 60.2 49.7 74.5



#62
4-Nitroaniline
Concen: 39.616 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:138 Resp: 643536
Ion Ratio Lower Upper
138 100
92 51.3 30.6 70.6
108 79.1 58.0 98.0





#63

Azobenzene

Concen: 43.143 ng

RT: 15.716 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

Tgt Ion: 77 Resp: 2645596

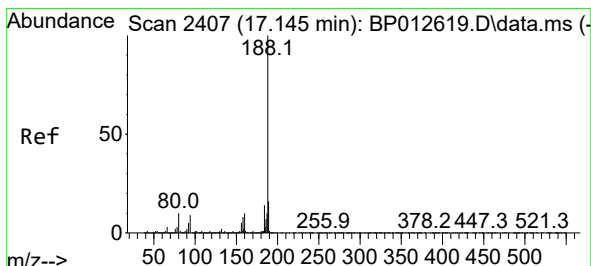
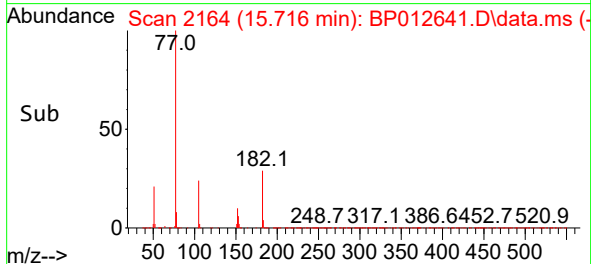
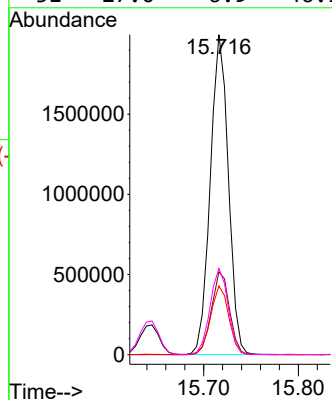
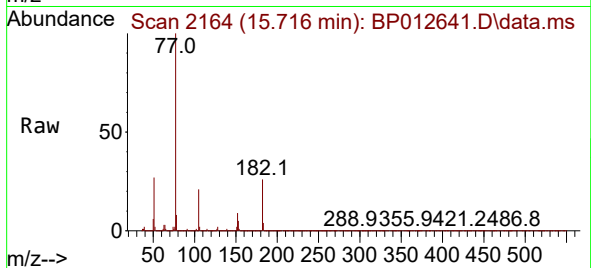
Ion Ratio Lower Upper

77 100

182 25.9 6.5 46.5

105 21.5 2.1 42.1

51 27.0 6.9 46.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

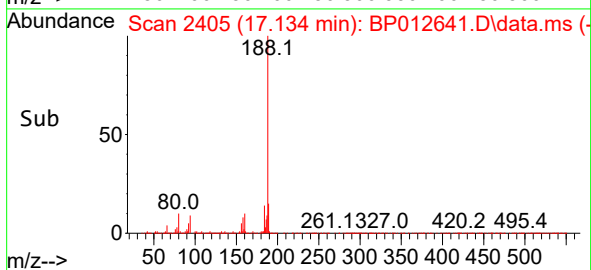
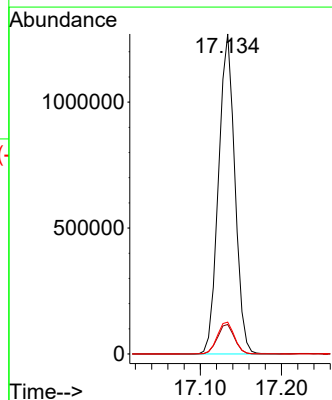
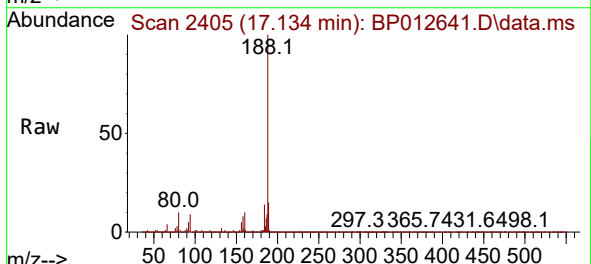
Tgt Ion:188 Resp: 1779503

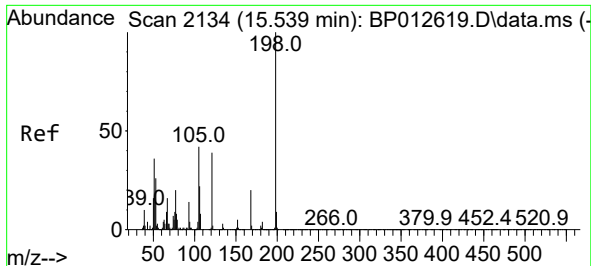
Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.9 8.2 12.2

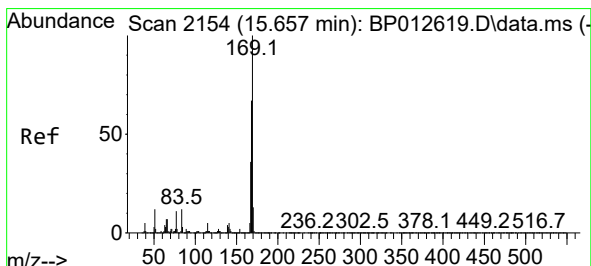
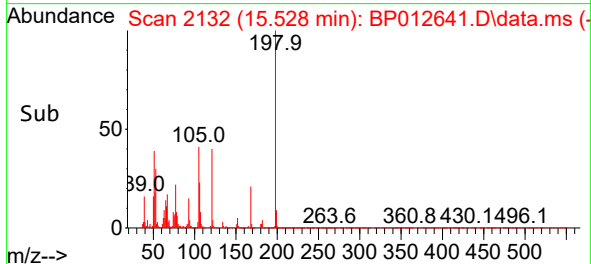
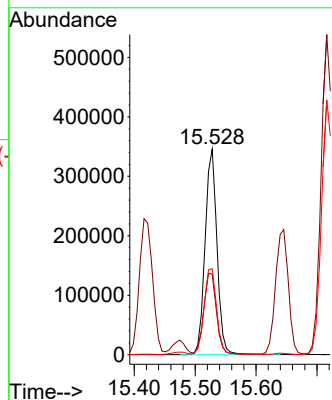
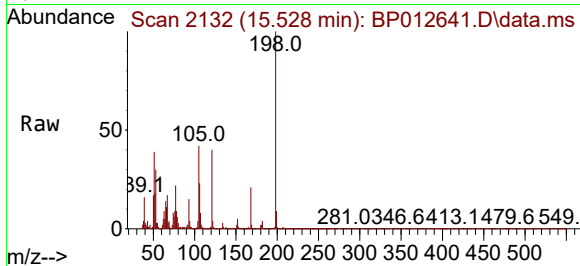




#65
4,6-Dinitro-2-methylphenol
Concen: 38.749 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

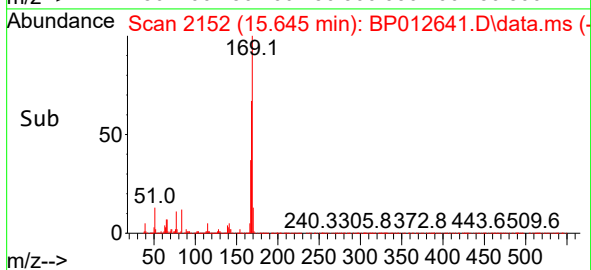
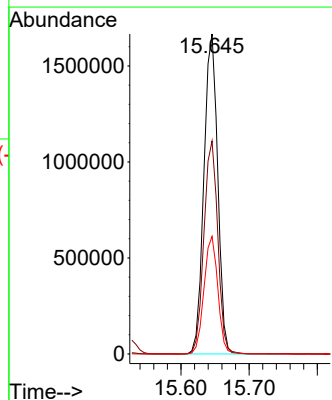
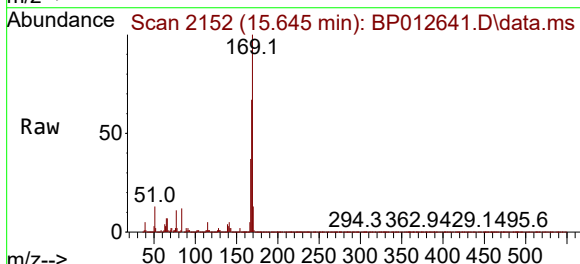
Instrument :
BNA_P
ClientSampleId :
SB-33MS

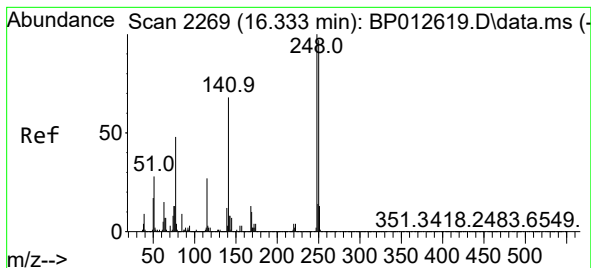
Tgt Ion:198 Resp: 468483
Ion Ratio Lower Upper
198 100
51 39.1 17.8 57.8
105 41.8 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 44.670 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:169 Resp: 2344757
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.7 29.1 43.7

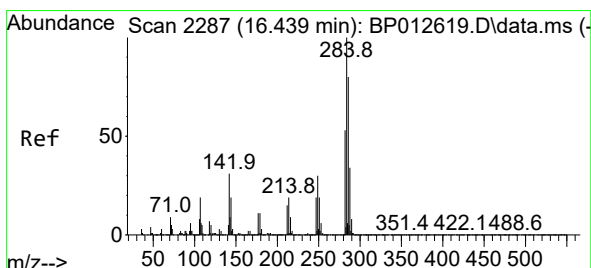
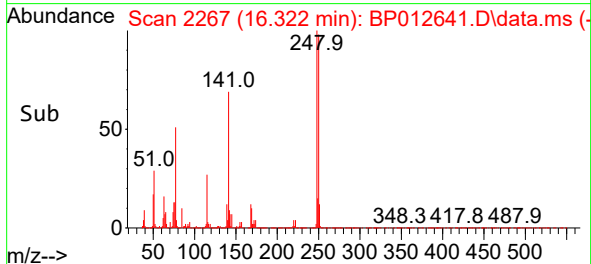
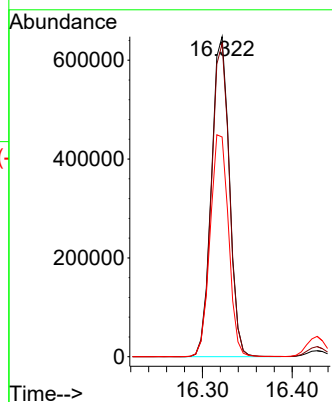
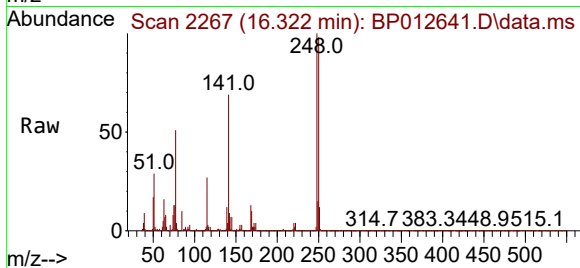




#67
4-Bromophenyl-phenylether
Concen: 44.928 ng
RT: 16.322 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

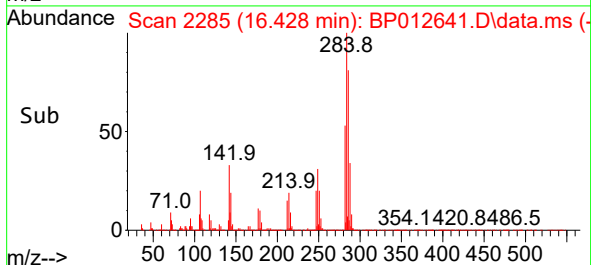
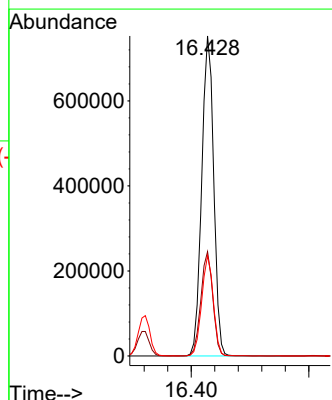
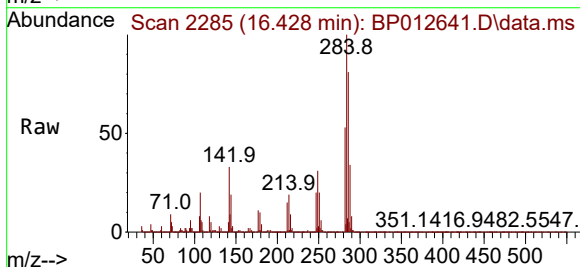
Instrument :
BNA_P
ClientSampleId :
SB-33MS

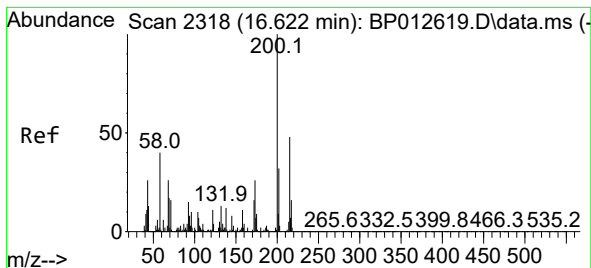
Tgt Ion:248 Resp: 898719
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 68.6 54.7 82.1



#68
Hexachlorobenzene
Concen: 44.529 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:284 Resp: 1063233
Ion Ratio Lower Upper
284 100
142 32.6 25.1 37.7
249 31.3 24.2 36.2





#69

Atrazine

Concen: 47.312 ng

RT: 16.610 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

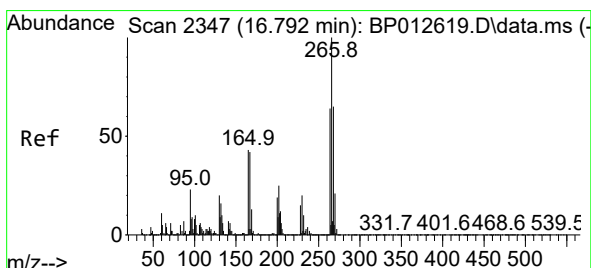
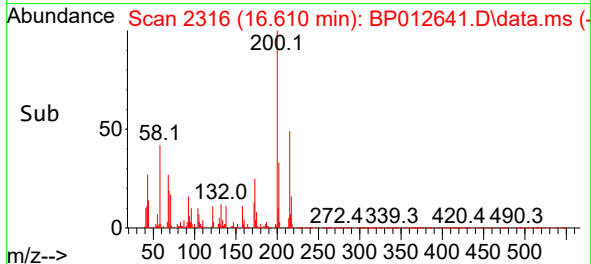
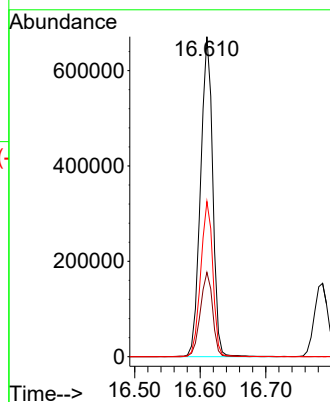
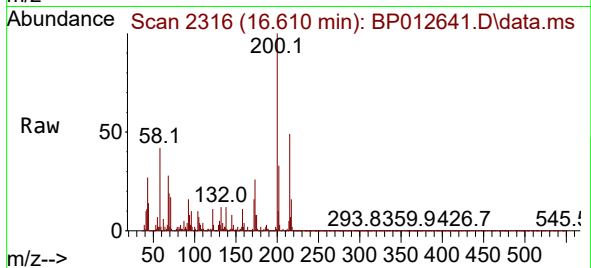
Tgt Ion:200 Resp: 865953

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

215 48.5 28.2 68.2



#70

Pentachlorophenol

Concen: 85.579 ng

RT: 16.787 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

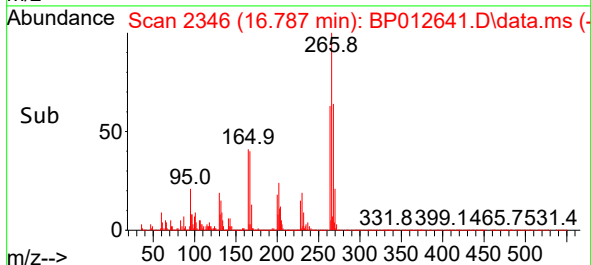
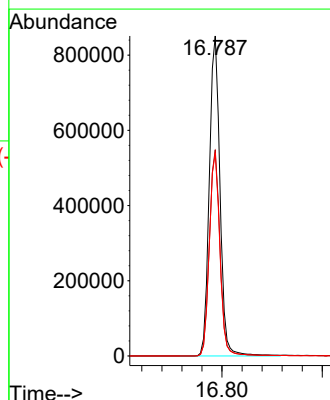
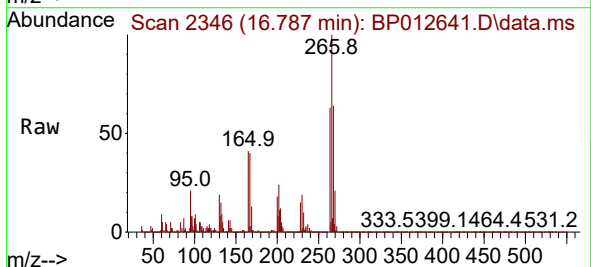
Tgt Ion:266 Resp: 1260484

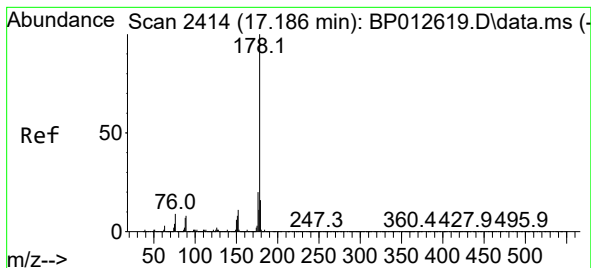
Ion Ratio Lower Upper

266 100

268 64.5 51.8 77.8

264 63.4 51.4 77.2





#71

Phenanthrene

Concen: 42.980 ng

RT: 17.175 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

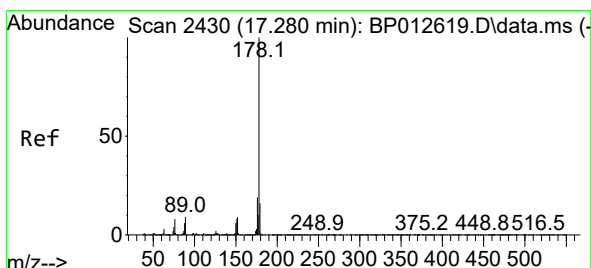
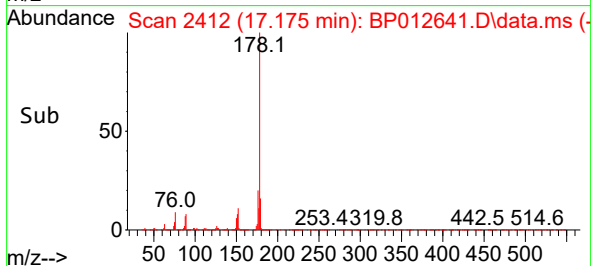
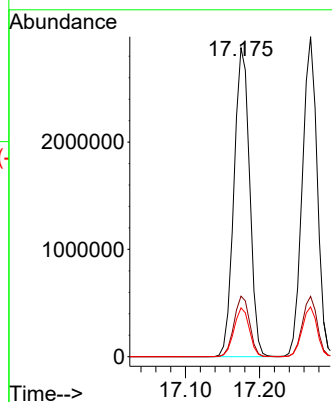
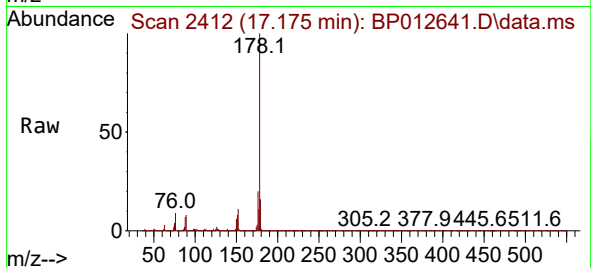
Tgt Ion:178 Resp: 4216066

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.6 18.8



#72

Anthracene

Concen: 44.477 ng

RT: 17.269 min Scan# 2428

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

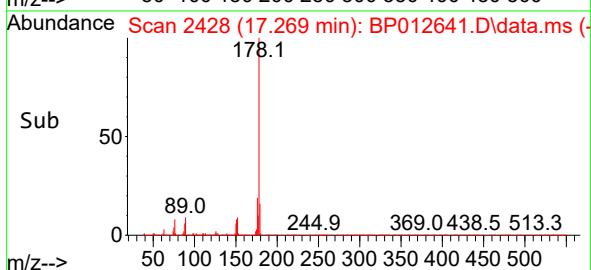
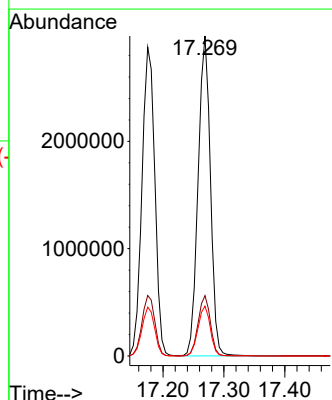
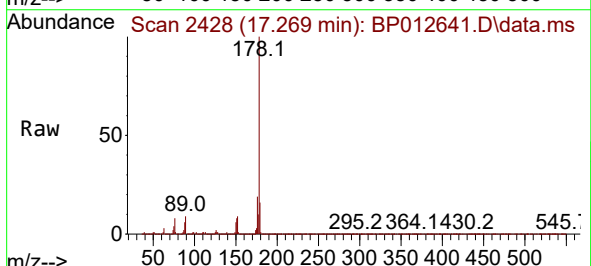
Tgt Ion:178 Resp: 4185950

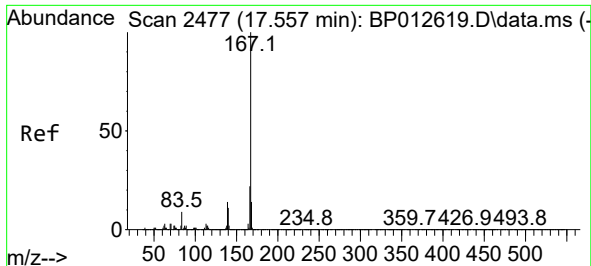
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.6 12.5 18.7

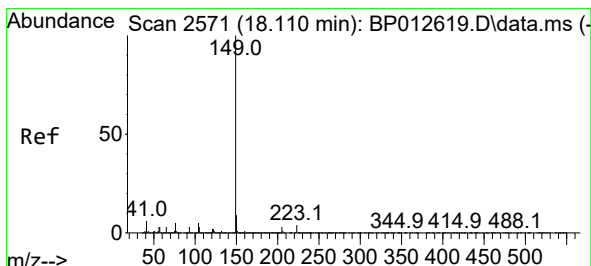
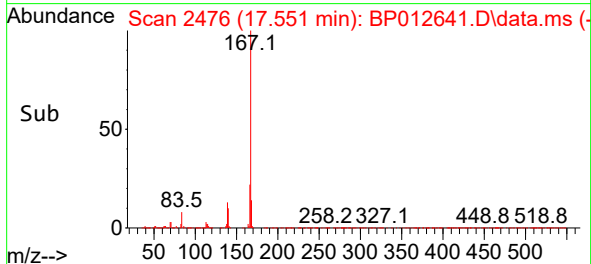
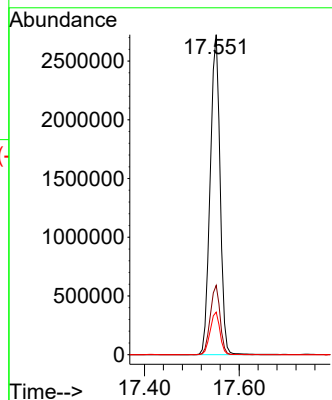
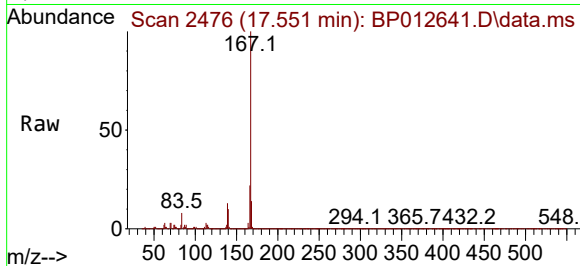




#73
 Carbazole
 Concen: 44.801 ng
 RT: 17.551 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP012641.D
 Acq: 13 Nov 2022 03:40

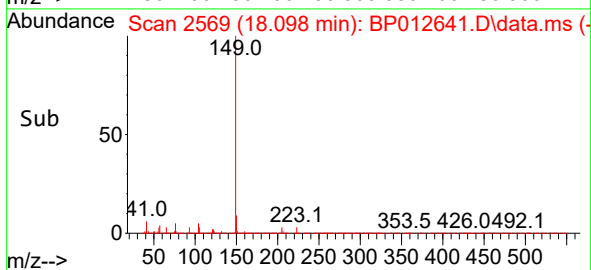
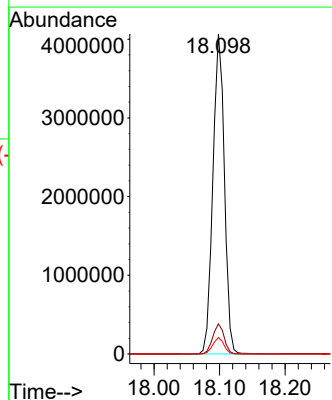
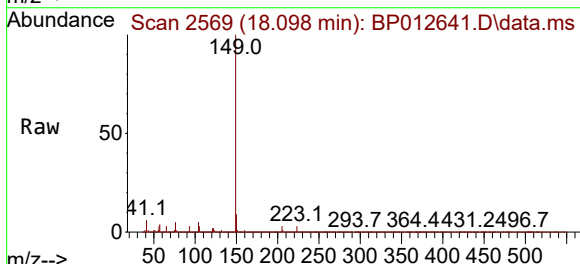
Instrument :
 BNA_P
 ClientSampleId :
 SB-33MS

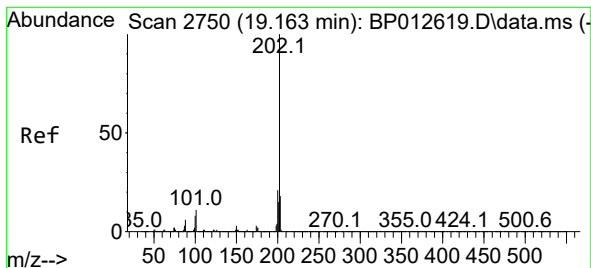
Tgt Ion:167 Resp: 3948427
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 44.994 ng
 RT: 18.098 min Scan# 2569
 Delta R.T. -0.012 min
 Lab File: BP012641.D
 Acq: 13 Nov 2022 03:40

Tgt Ion:149 Resp: 4952112
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 42.900 ng

RT: 19.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

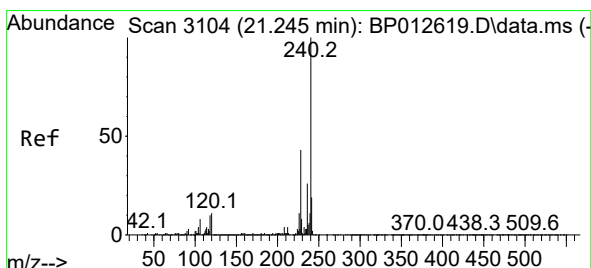
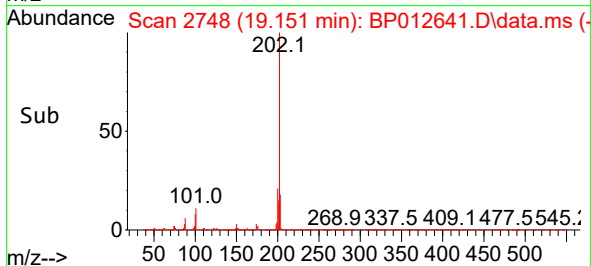
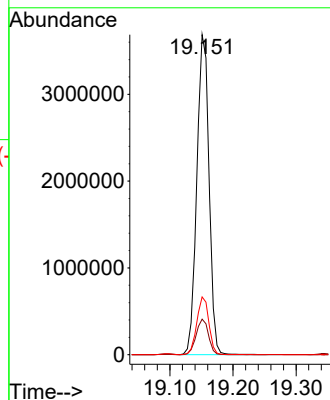
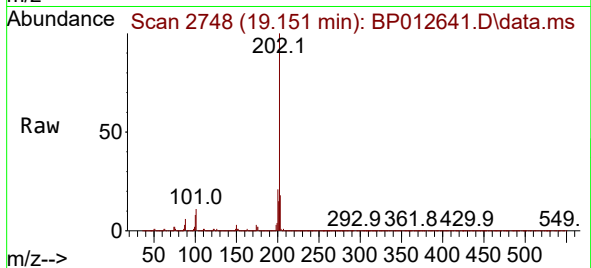
Tgt Ion:202 Resp: 4931839

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.1

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

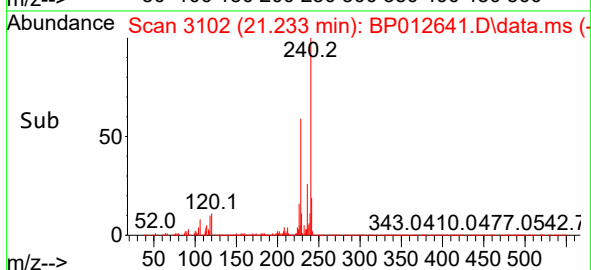
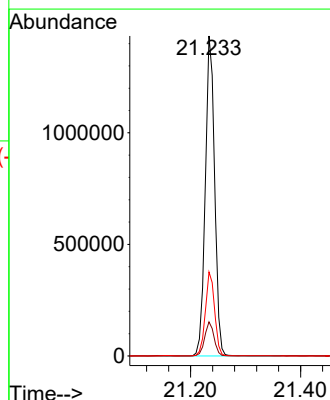
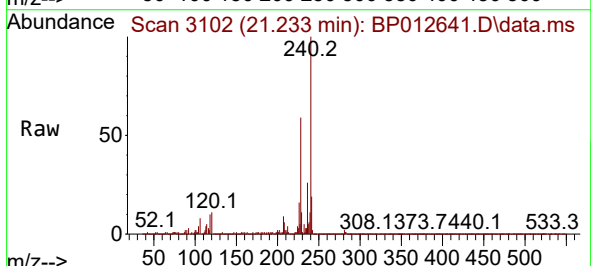
Tgt Ion:240 Resp: 1689742

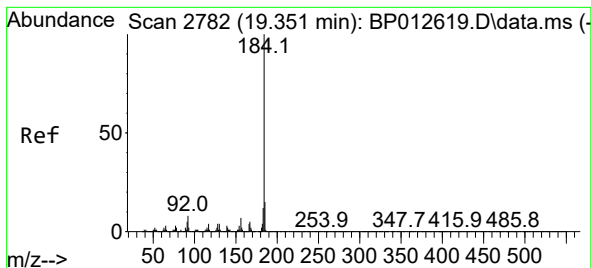
Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 26.3 20.8 31.2





#77

Benzidine

Concen: 61.628 ng

RT: 19.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

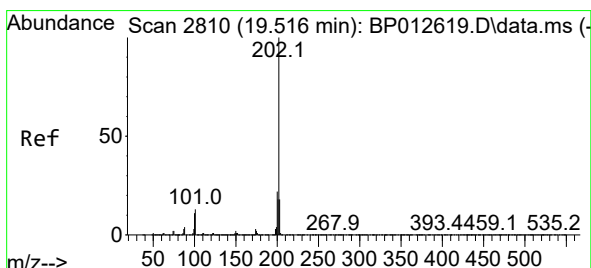
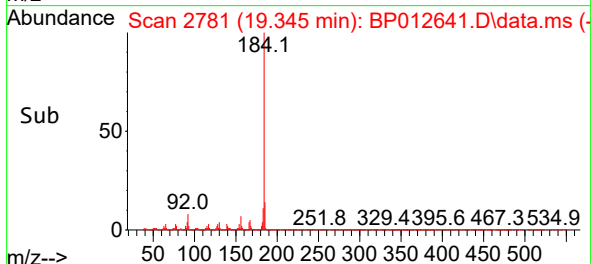
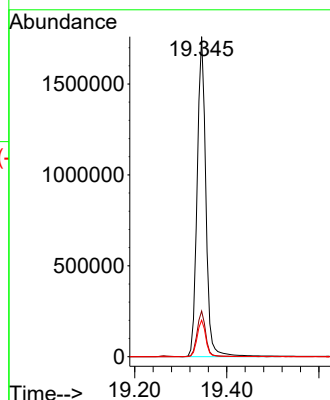
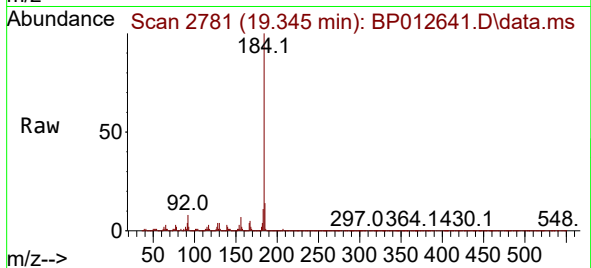
Tgt Ion:184 Resp: 2297437

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 11.4 9.3 13.9



#78

Pyrene

Concen: 43.163 ng

RT: 19.504 min Scan# 2808

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

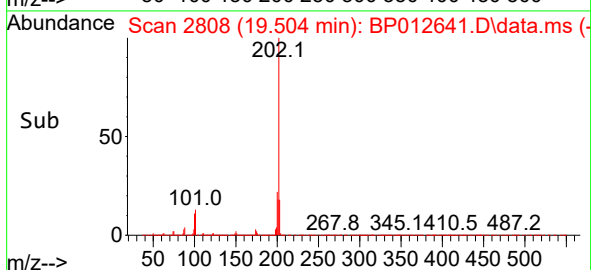
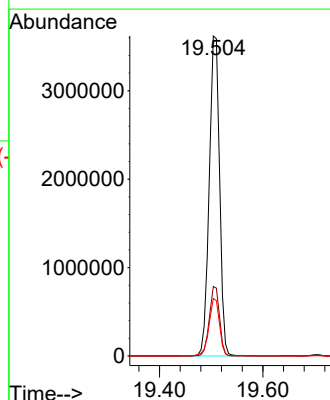
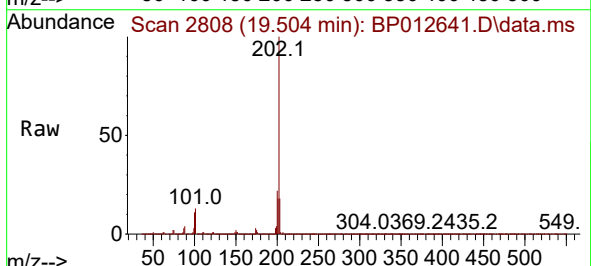
Tgt Ion:202 Resp: 5031479

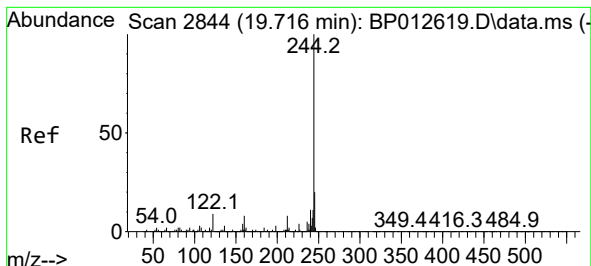
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 63.387 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

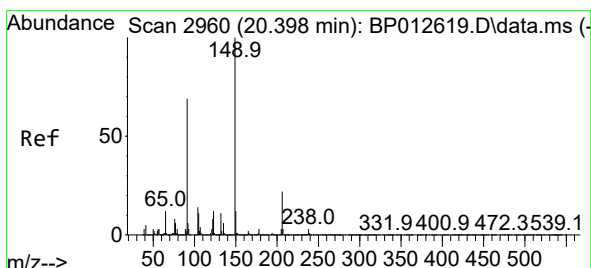
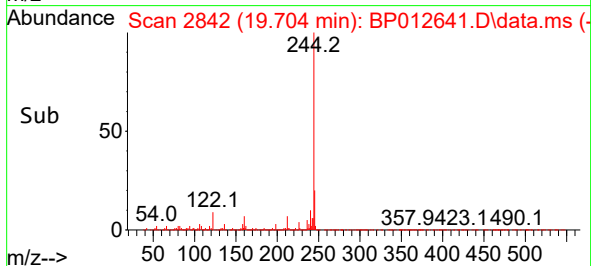
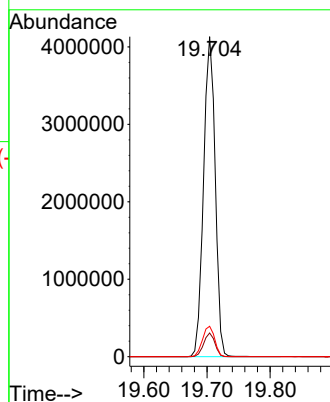
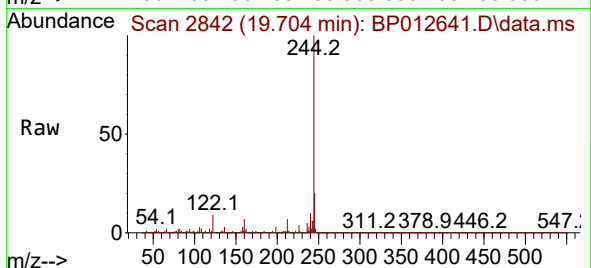
Tgt Ion:244 Resp: 5286905

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 9.5 7.0 10.4



#80

Butylbenzylphthalate

Concen: 45.602 ng

RT: 20.386 min Scan# 2958

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

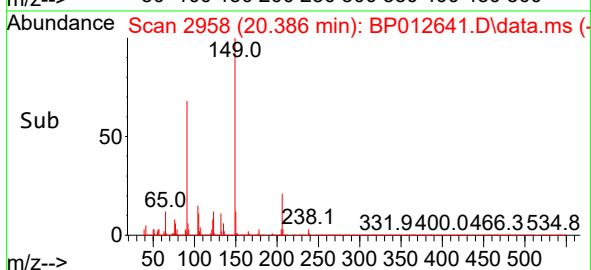
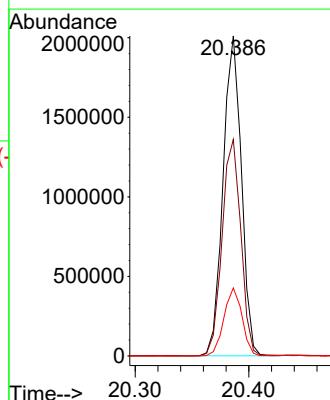
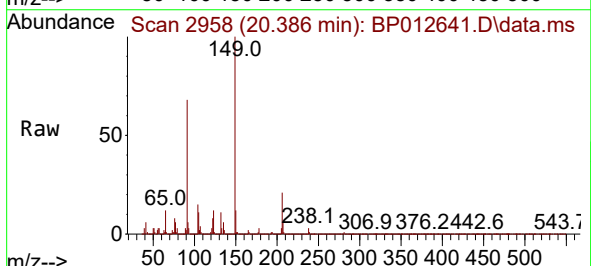
Tgt Ion:149 Resp: 2251428

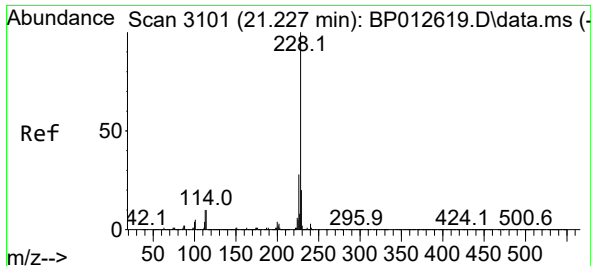
Ion Ratio Lower Upper

149 100

91 67.6 55.0 82.4

206 21.3 17.4 26.2

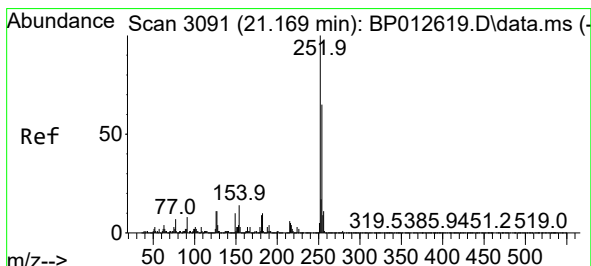
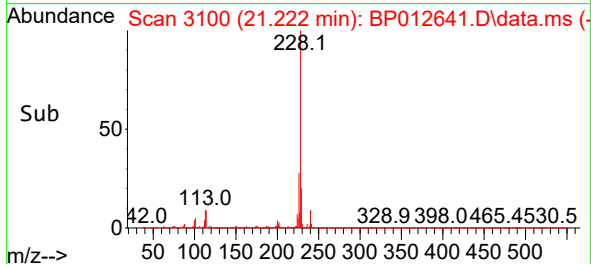
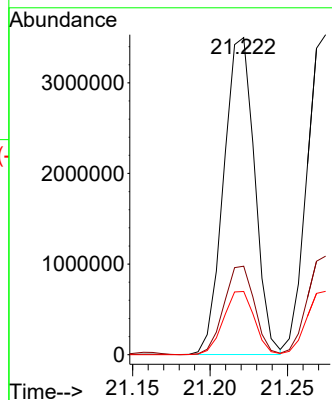
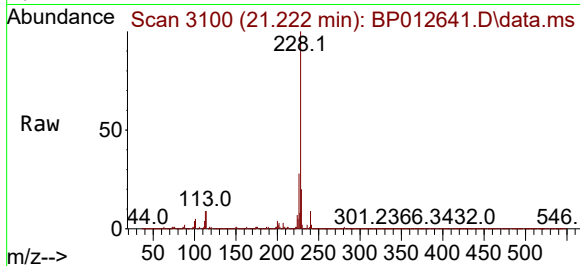




#81
Benzo(a)anthracene
Concen: 42.958 ng
RT: 21.222 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

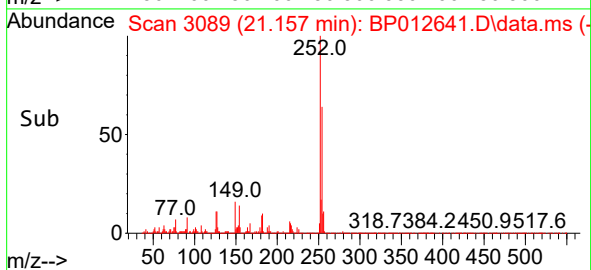
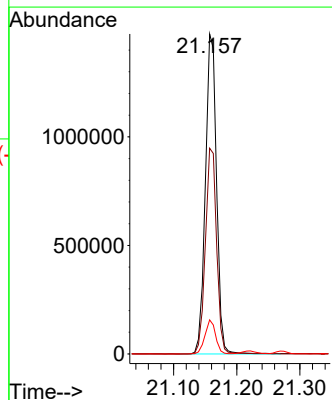
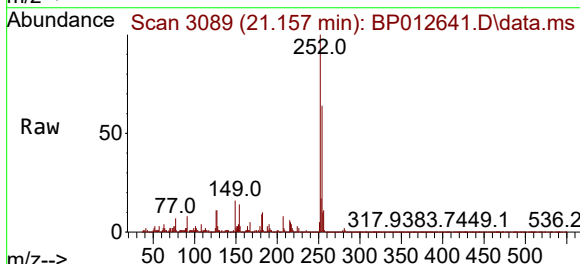
Instrument :
BNA_P
ClientSampleId :
SB-33MS

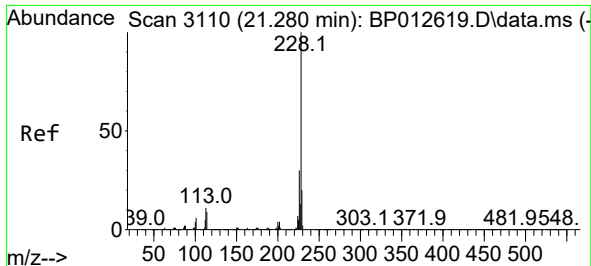
Tgt Ion:228 Resp: 4853775
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 46.944 ng
RT: 21.157 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:252 Resp: 1811240
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 10.7 8.7 13.1





#83

Chrysene

Concen: 42.274 ng

RT: 21.275 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

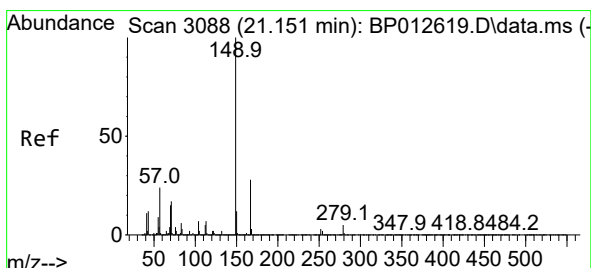
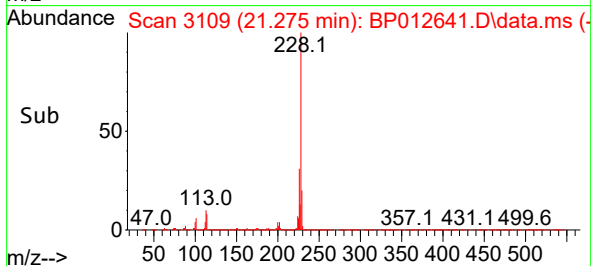
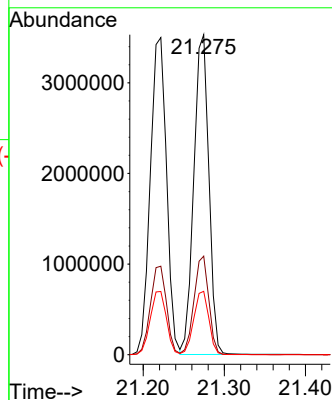
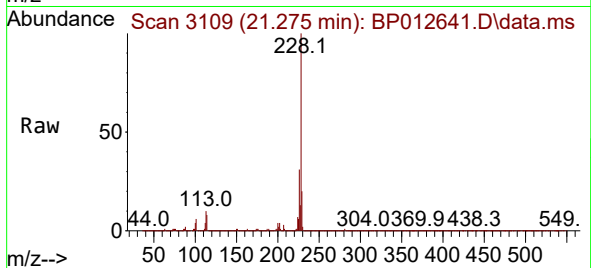
Tgt Ion:228 Resp: 4552696

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.572 ng

RT: 21.139 min Scan# 3086

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

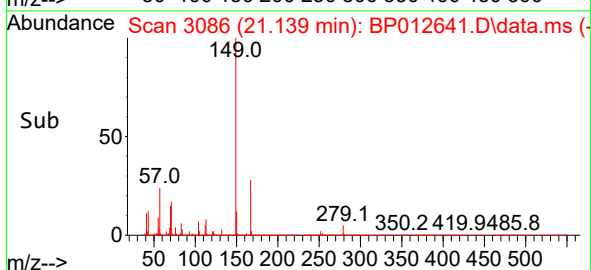
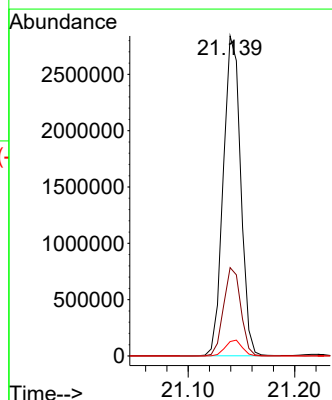
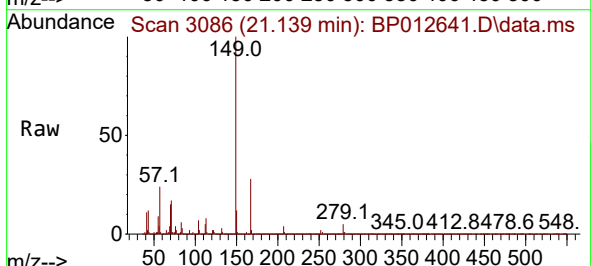
Tgt Ion:149 Resp: 3212241

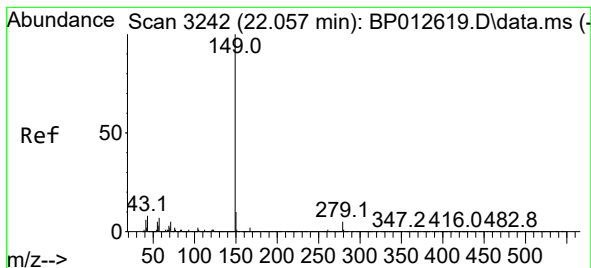
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.846 ng

RT: 22.045 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

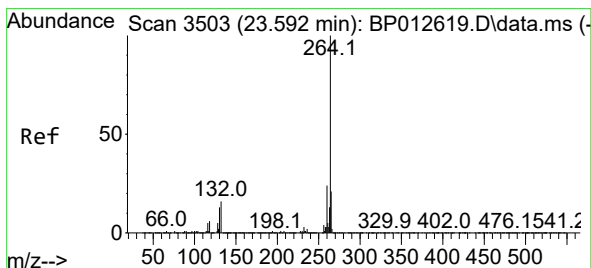
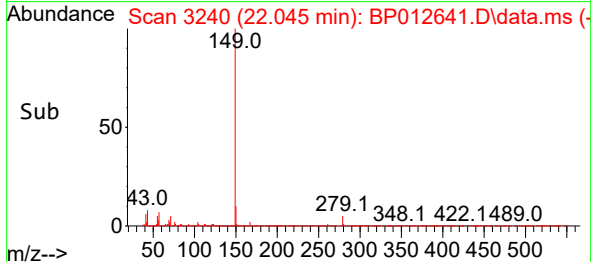
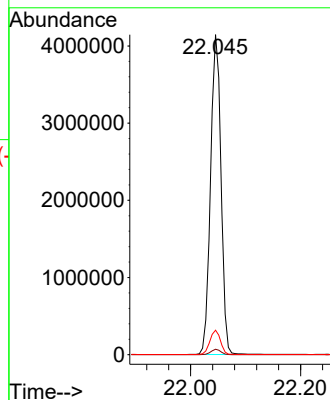
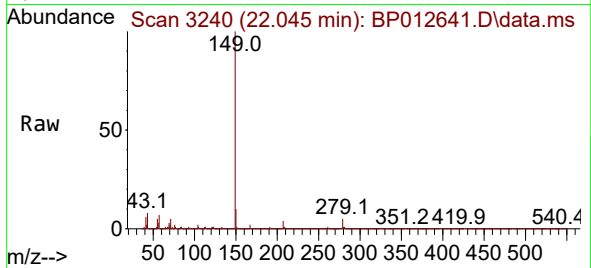
Tgt Ion:149 Resp: 5449971

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3500

Delta R.T. -0.017 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

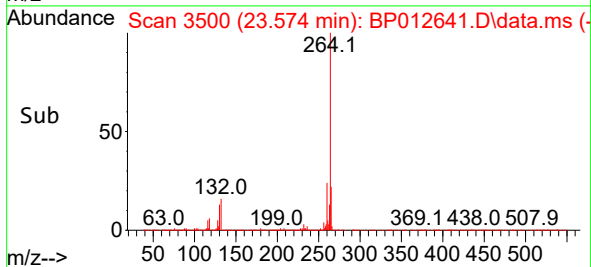
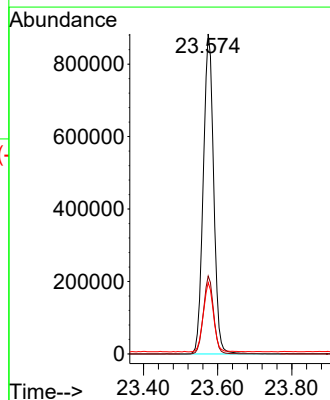
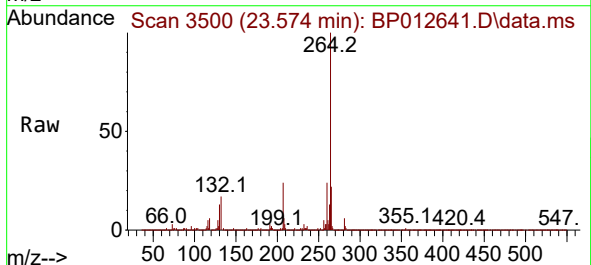
Tgt Ion:264 Resp: 1717622

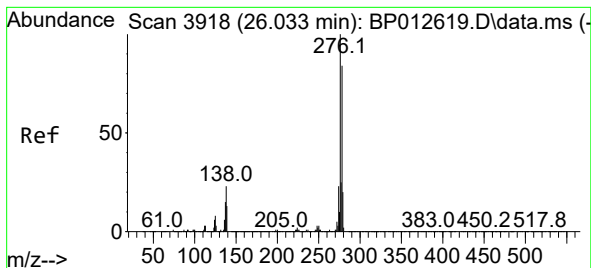
Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.700 ng

RT: 26.010 min Scan# 3914

Delta R.T. -0.023 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

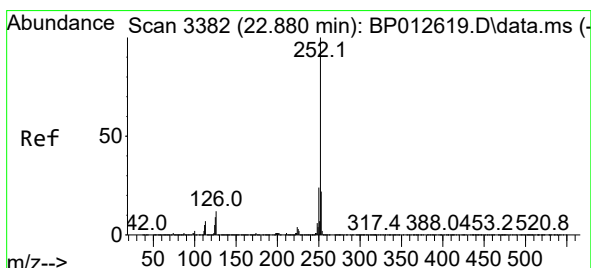
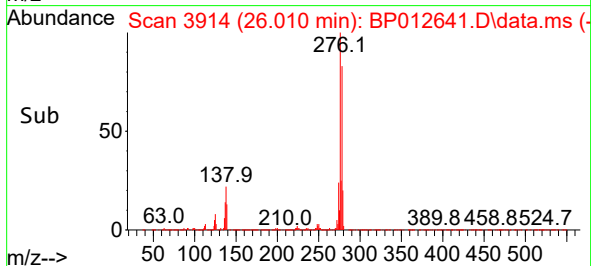
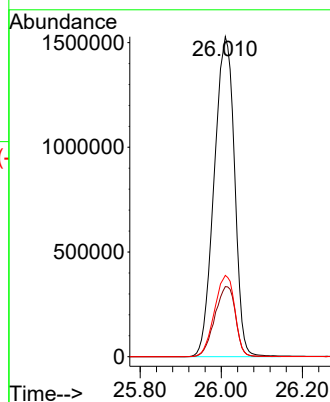
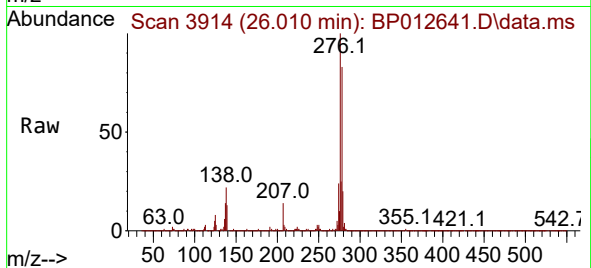
Tgt Ion:276 Resp: 5319100

Ion Ratio Lower Upper

276 100

138 22.4 18.6 27.8

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.310 ng

RT: 22.863 min Scan# 3379

Delta R.T. -0.017 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

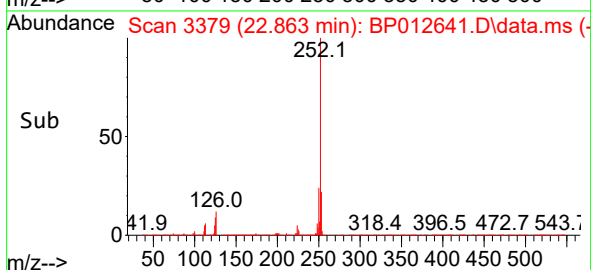
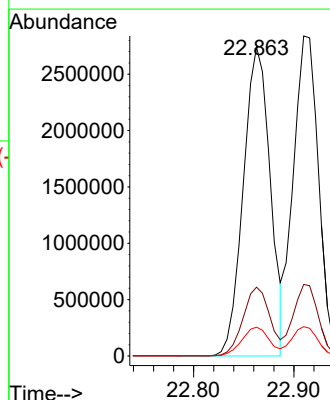
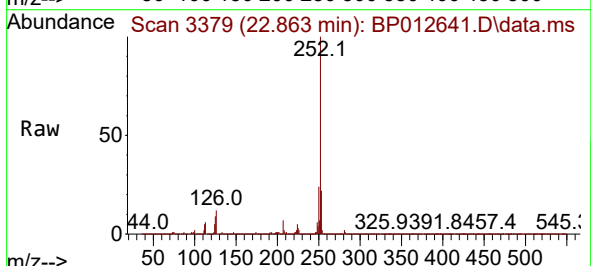
Tgt Ion:252 Resp: 5117299

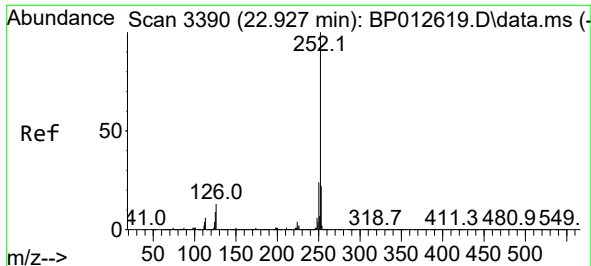
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.3 7.6 11.4

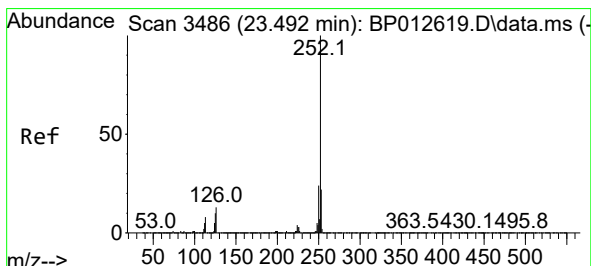
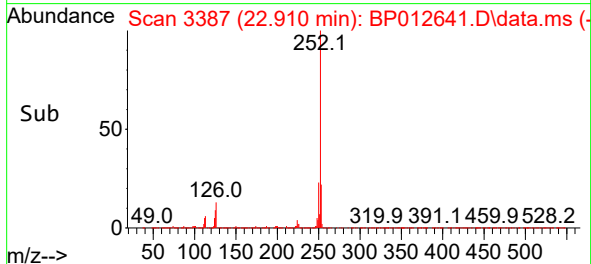
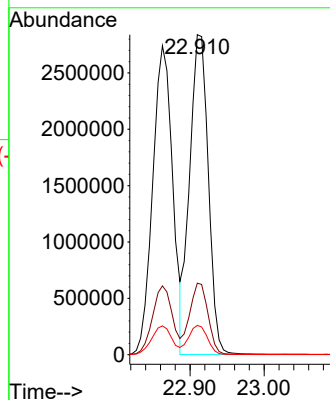
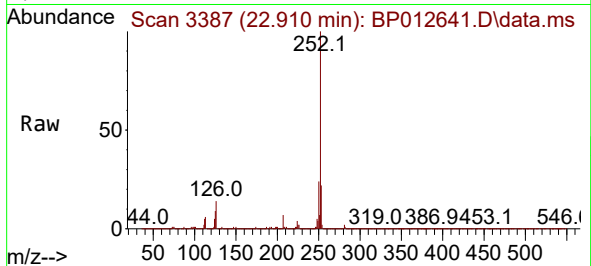




#89
Benzo(k)fluoranthene
Concen: 46.031 ng
RT: 22.910 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

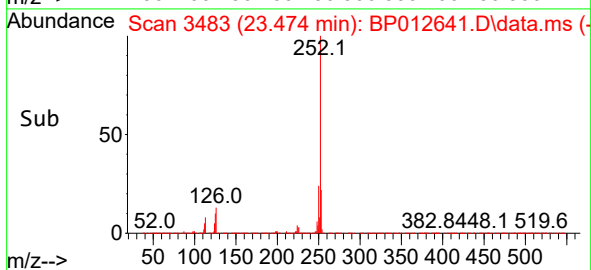
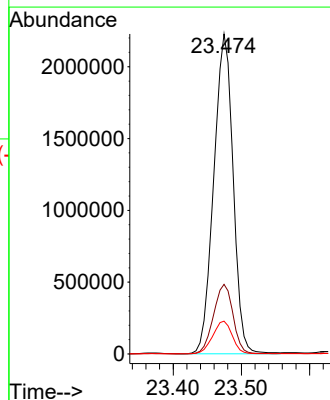
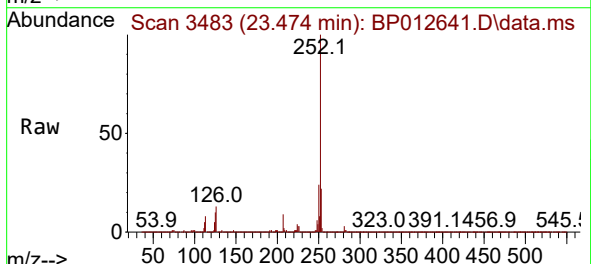
Instrument :
BNA_P
ClientSampleId :
SB-33MS

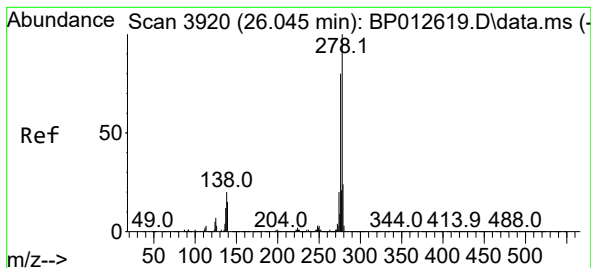
Tgt Ion:252 Resp: 4963064
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.741 ng
RT: 23.474 min Scan# 3483
Delta R.T. -0.017 min
Lab File: BP012641.D
Acq: 13 Nov 2022 03:40

Tgt Ion:252 Resp: 4398145
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.3 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 44.832 ng

RT: 26.021 min Scan# 3916

Delta R.T. -0.023 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Instrument :

BNA_P

ClientSampleId :

SB-33MS

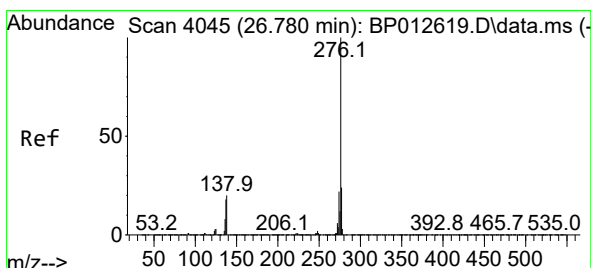
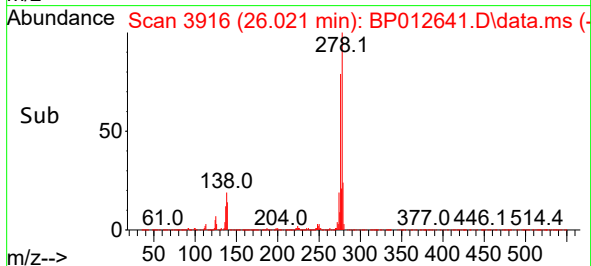
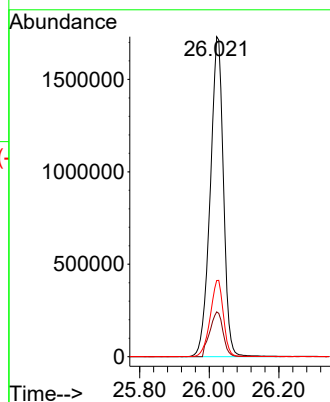
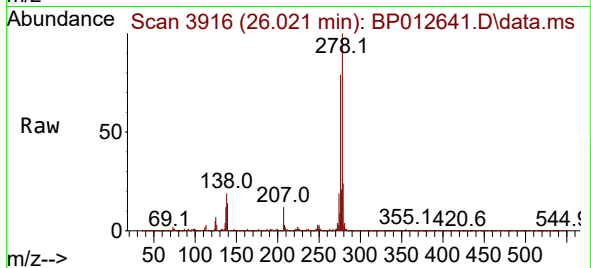
Tgt Ion:278 Resp: 4561141

Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.874 ng

RT: 26.757 min Scan# 4041

Delta R.T. -0.023 min

Lab File: BP012641.D

Acq: 13 Nov 2022 03:40

Tgt Ion:276 Resp: 4457915

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 20.1 16.2 24.4

