

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012633.D
 Acq On : 12 Nov 2022 23:05
 Operator : CG/JU
 Sample : N5502-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2182MS

Quant Time: Nov 14 03:23:18 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	295826	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1245754	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	810229	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1712208	20.000	ng	-0.01
76) Chrysene-d12	21.239	240	1679822	20.000	ng	0.00
86) Perylene-d12	23.580	264	1711247	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	2427841	152.820	ng	0.00
7) Phenol-d6	6.905	99	2972109	134.778	ng	0.00
23) Nitrobenzene-d5	8.887	82	2085871	92.892	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1662210	150.280	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4637390	86.888	ng	-0.01
79) Terphenyl-d14	19.710	244	7290918	87.931	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	301318	44.210	ng	# 53
3) Pyridine	3.623	79	646109	32.521	ng	100
4) n-Nitrosodimethylamine	3.523	42	361956	49.217	ng	96
6) Aniline	7.058	93	701157	25.128	ng	99
8) 2-Chlorophenol	7.281	128	1056033	52.487	ng	99
9) Benzaldehyde	6.864	77	481250	34.599	ng	99
10) Phenol	6.928	94	1175533	47.184	ng	99
11) bis(2-Chloroethyl)ether	7.152	93	1019247	49.475	ng	99
12) 1,3-Dichlorobenzene	7.599	146	985191	44.438	ng	99
13) 1,4-Dichlorobenzene	7.746	146	1004110	44.252	ng	99
14) 1,2-Dichlorobenzene	8.058	146	988826	45.796	ng	98
15) Benzyl Alcohol	7.969	79	936989	56.773	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1266559	47.339	ng	99
17) 2-Methylphenol	8.175	107	871408	50.763	ng	99
18) Hexachloroethane	8.781	117	355561	43.818	ng	97
19) n-Nitroso-di-n-propyla...	8.534	70	760685	47.519	ng	99
20) 3+4-Methylphenols	8.505	107	1180189	48.917	ng	99
22) Acetophenone	8.552	105	1551997	50.024	ng	# 100
24) Nitrobenzene	8.928	77	1154880	49.402	ng	99
25) Isophorone	9.458	82	2188472	51.879	ng	99
26) 2-Nitrophenol	9.634	139	575209	51.265	ng	98
27) 2,4-Dimethylphenol	9.705	122	961831	57.379	ng	100
28) bis(2-Chloroethoxy)met...	9.940	93	1405997	53.792	ng	100
29) 2,4-Dichlorophenol	10.169	162	1044689	52.609	ng	99
30) 1,2,4-Trichlorobenzene	10.375	180	995452	46.257	ng	99
31) Naphthalene	10.557	128	3112149	45.985	ng	100
32) Benzoic acid	9.899	122	710550	41.980	ng	98
33) 4-Chloroaniline	10.693	127	430397	15.247	ng	99
34) Hexachlorobutadiene	10.834	225	597034	43.851	ng	99
35) Caprolactam	11.522	113	123344	18.584	ng	98
36) 4-Chloro-3-methylphenol	11.828	107	1146627	51.159	ng	98
37) 2-Methylnaphthalene	12.175	142	2261471	46.619	ng	100
38) 1-Methylnaphthalene	12.399	142	2137983	45.045	ng	99
40) 1,2,4,5-Tetrachloroben...	12.546	216	1192604	49.399	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1285699	102.790	ng	98
43) 2,4,6-Trichlorophenol	12.799	196	845943	49.884	ng	99

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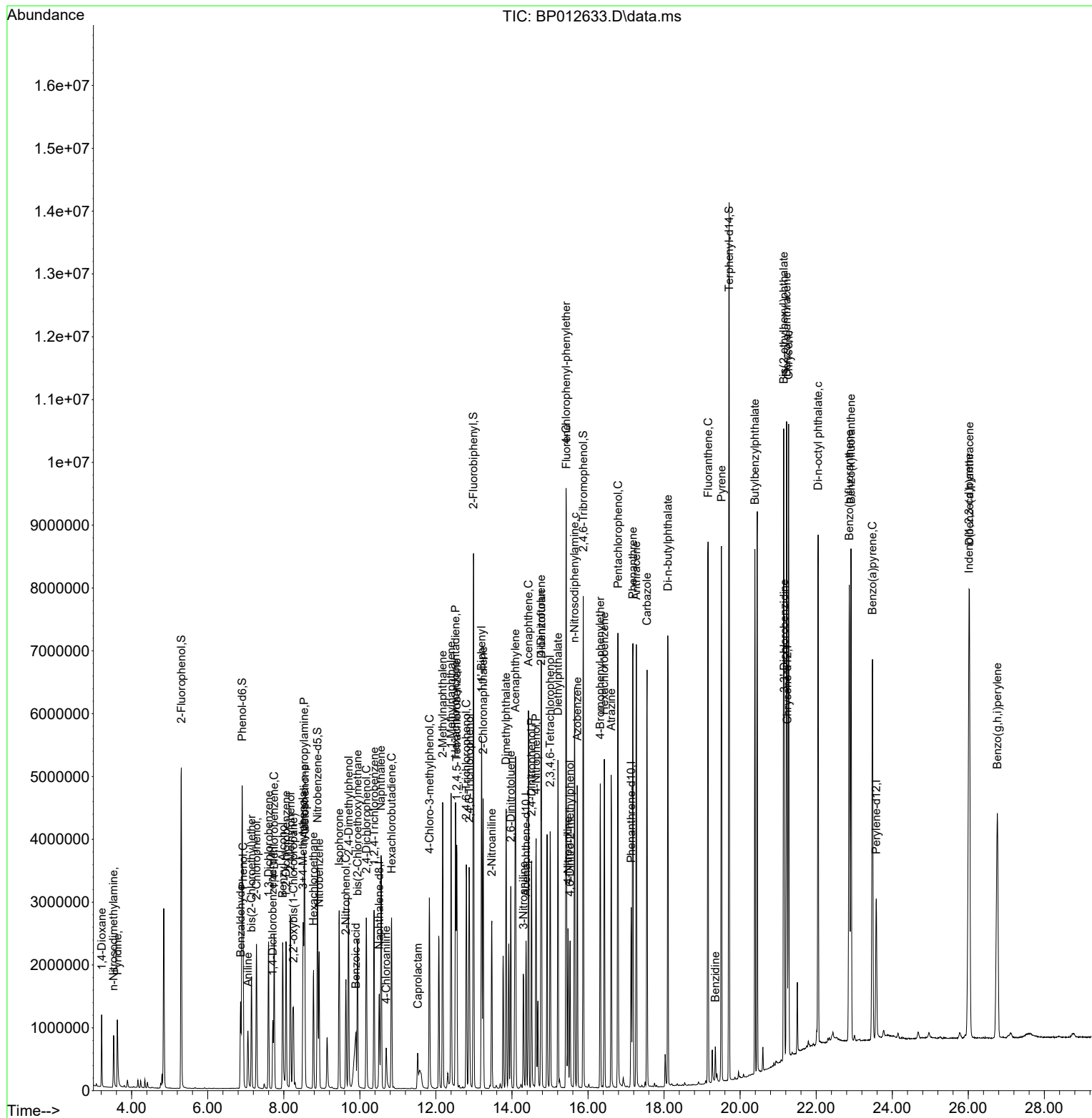
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	936446	49.471	ng	98
46) 1,1'-Biphenyl	13.199	154	2950379	49.171	ng	100
47) 2-Chloronaphthalene	13.240	162	2274901	48.306	ng	99
48) 2-Nitroaniline	13.469	65	732930	51.459	ng	99
49) Acenaphthylene	14.093	152	3634047	48.594	ng	100
50) Dimethylphthalate	13.846	163	3049994	47.634	ng	100
51) 2,6-Dinitrotoluene	13.969	165	676812	49.567	ng	97
52) Acenaphthene	14.434	154	2170056	47.672	ng	99
53) 3-Nitroaniline	14.298	138	476385	32.417	ng	96
54) 2,4-Dinitrophenol	14.516	184	825928	84.906	ng	98
55) Dibenzofuran	14.775	168	3383175	47.024	ng	99
56) 4-Nitrophenol	14.634	139	1113816	91.196	ng	98
57) 2,4-Dinitrotoluene	14.763	165	890455	50.600	ng	99
58) Fluorene	15.428	166	2621859	46.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	820351	47.054	ng	100
60) Diethylphthalate	15.210	149	3011919	46.988	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1338442	47.545	ng	98
62) 4-Nitroaniline	15.475	138	660464	43.203	ng	99
63) Azobenzene	15.716	77	2775772	48.309	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	512421	44.049	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2419859	47.913	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	947938	49.251	ng	98
68) Hexachlorobenzene	16.428	284	1128830	49.134	ng	99
69) Atrazine	16.610	200	928009	52.695	ng	99
70) Pentachlorophenol	16.787	266	1392187	98.235	ng	98
71) Phenanthrene	17.181	178	4434471	46.984	ng	100
72) Anthracene	17.269	178	4425198	48.868	ng	100
73) Carbazole	17.551	167	4223740	49.808	ng	100
74) Di-n-butylphthalate	18.098	149	5235879	49.442	ng	100
75) Fluoranthene	19.157	202	5237247	47.347	ng	99
77) Benzidine	19.345	184	333349	8.995	ng	99
78) Pyrene	19.510	202	5488681	47.363	ng	100
80) Butylbenzylphthalate	20.386	149	2467341	50.271	ng	98
81) Benzo(a)anthracene	21.222	228	5268797	46.907	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	1506361	39.272	ng	100
83) Chrysene	21.275	228	4949644	46.231	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	3484738	51.912	ng	100
85) Di-n-octyl phthalate	22.051	149	5951899	52.561	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	5826355	48.046	ng	99
88) Benzo(b)fluoranthene	22.869	252	5703833	51.810	ng	99
89) Benzo(k)fluoranthene	22.916	252	5420690	50.463	ng	99
90) Benzo(a)pyrene	23.480	252	4817957	53.592	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	5040509	49.728	ng	99
92) Benzo(g,h,i)perylene	26.763	276	4883235	49.339	ng	98

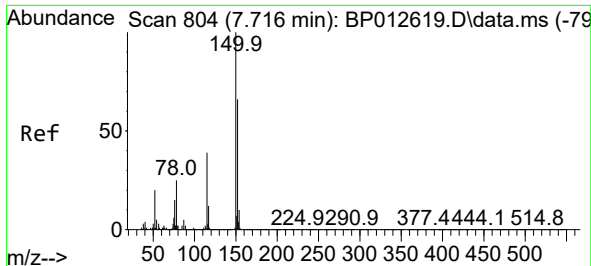
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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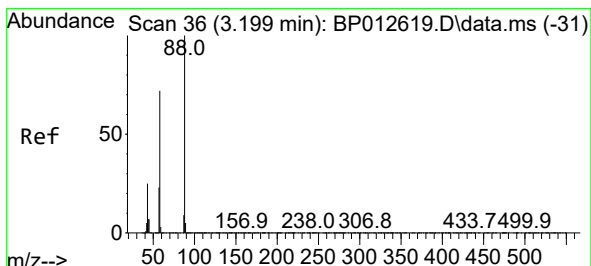
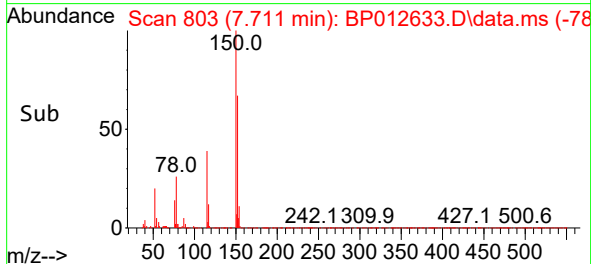
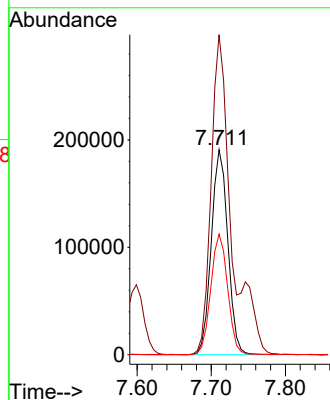
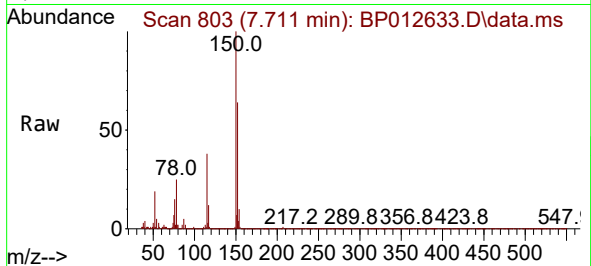




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP012633.D
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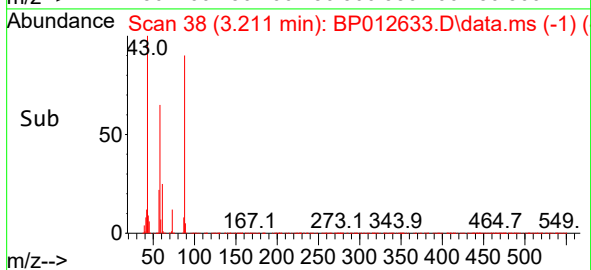
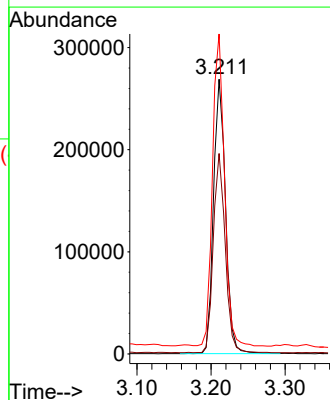
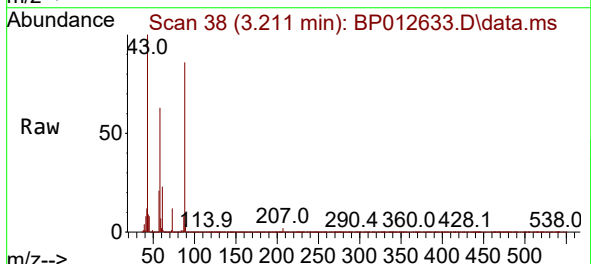
Instrument :
BNA_P
ClientSampleId :
2182MS

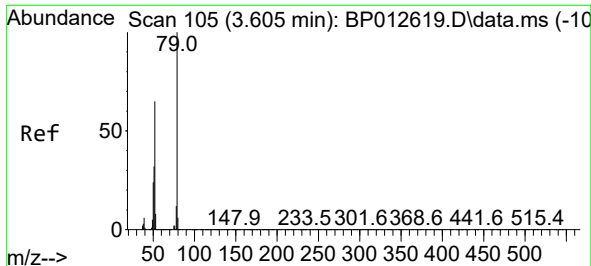
Tgt Ion:152 Resp: 295826
Ion Ratio Lower Upper
152 100
150 156.1 122.1 183.1
115 58.7 47.3 70.9



#2
1,4-Dioxane
Concen: 44.210 ng
RT: 3.211 min Scan# 38
Delta R.T. 0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 88 Resp: 301318
Ion Ratio Lower Upper
88 100
58 72.1 57.0 85.6
43 113.5 19.5 29.3#

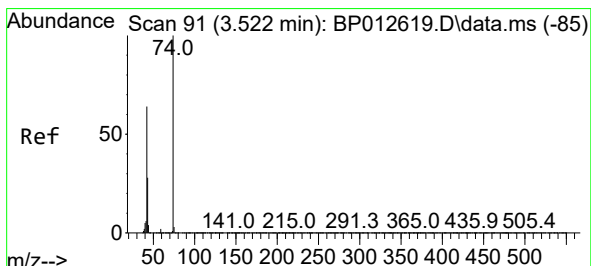
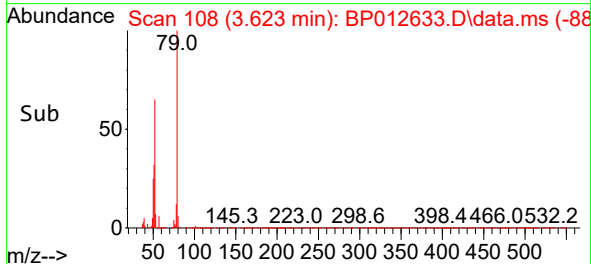
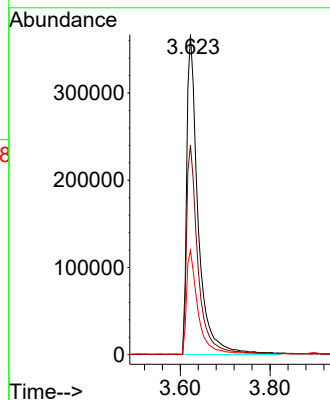
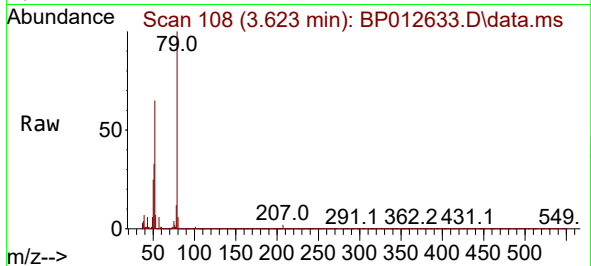




#3
 Pyridine
 Concen: 32.521 ng
 RT: 3.623 min Scan# 105
 Delta R.T. 0.018 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

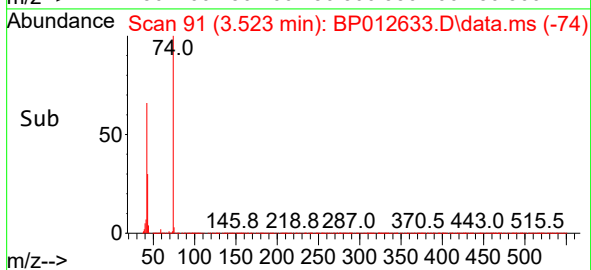
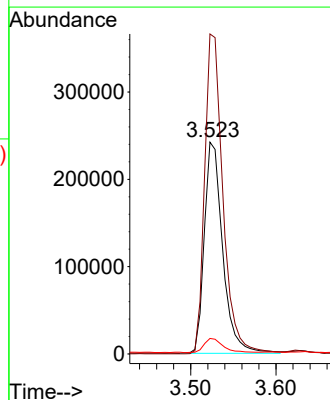
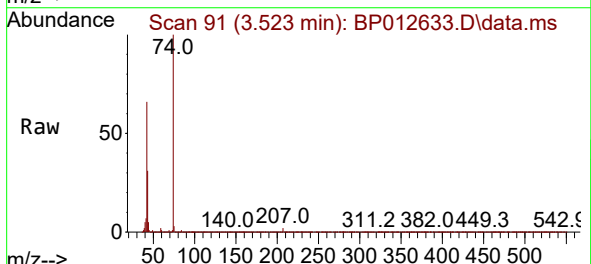
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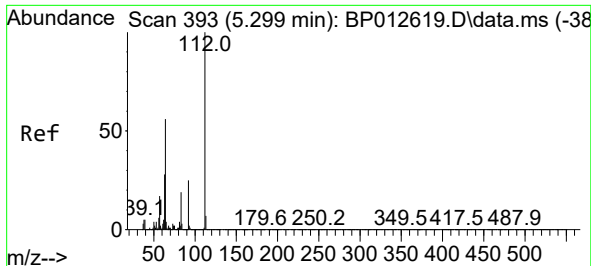
Tgt Ion: 79 Resp: 646109
 Ion Ratio Lower Upper
 79 100
 52 65.5 52.2 78.4
 51 32.6 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 49.217 ng
 RT: 3.523 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

Tgt Ion: 42 Resp: 361956
 Ion Ratio Lower Upper
 42 100
 74 151.0 125.1 187.7
 44 7.3 5.9 8.9

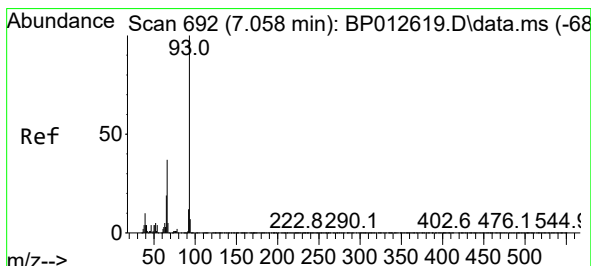
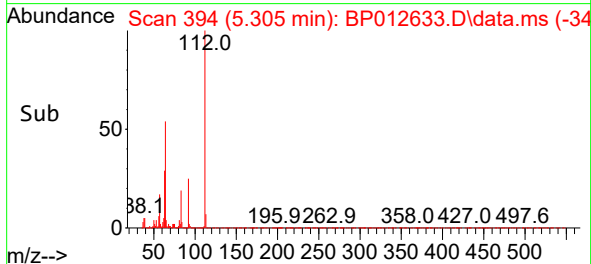
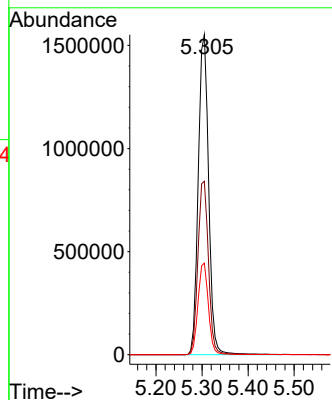
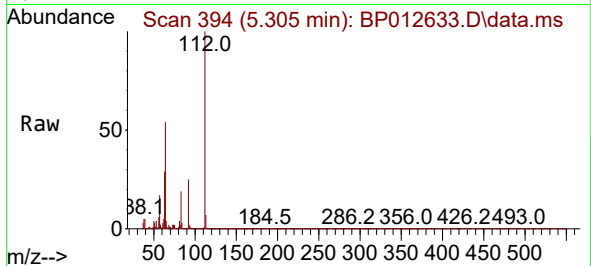




#5
2-Fluorophenol
Concen: 152.820 ng
RT: 5.305 min Scan# 394
Delta R.T. 0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

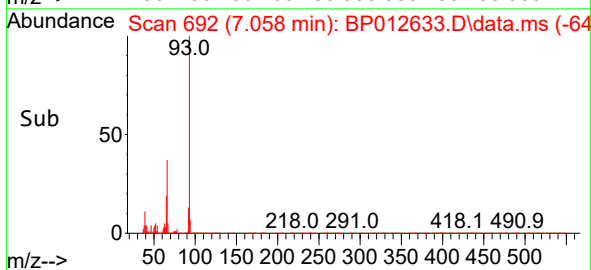
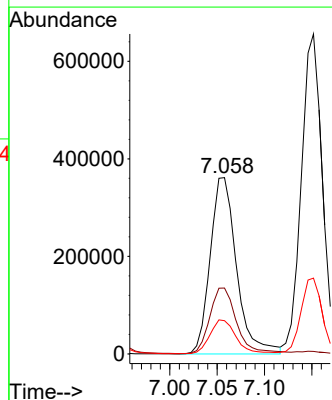
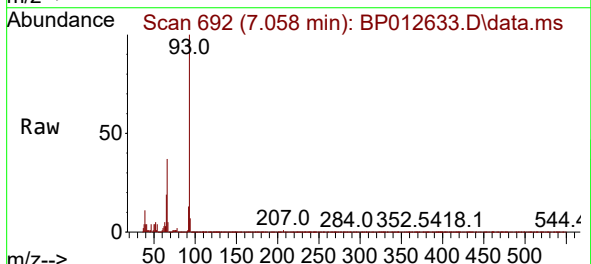
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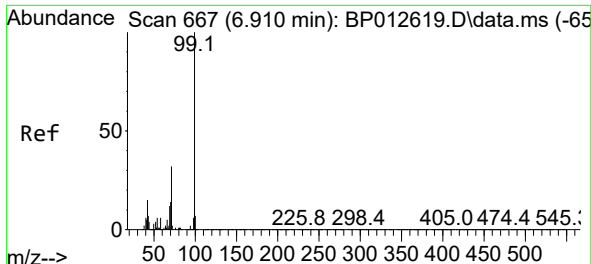
Tgt Ion:112 Resp: 2427841
Ion Ratio Lower Upper
112 100
64 54.2 44.6 67.0
63 28.6 22.8 34.2



#6
Aniline
Concen: 25.128 ng
RT: 7.058 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 93 Resp: 701157
Ion Ratio Lower Upper
93 100
66 37.4 29.8 44.6
65 18.9 15.4 23.2



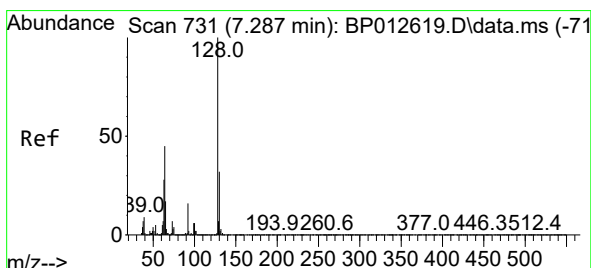
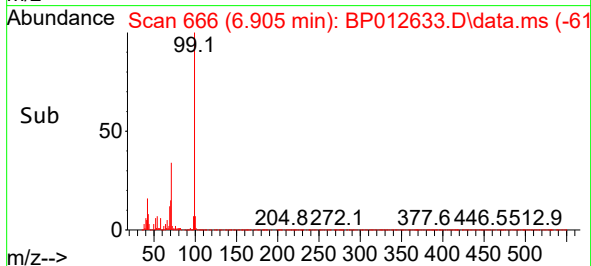
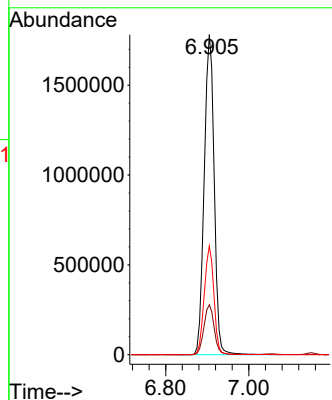
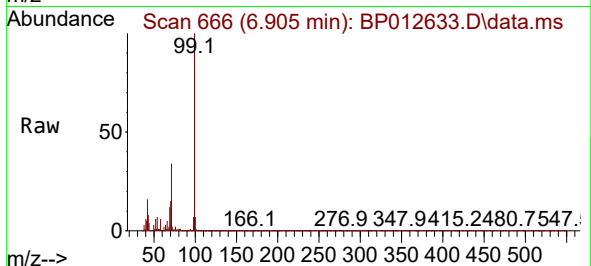


#7
Phenol-d6
Concen: 134.778 ng
RT: 6.905 min Scan# 60
Delta R.T. -0.005 min
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Tgt Ion: 99 Resp: 2972109

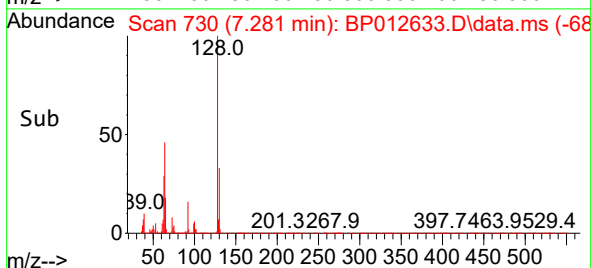
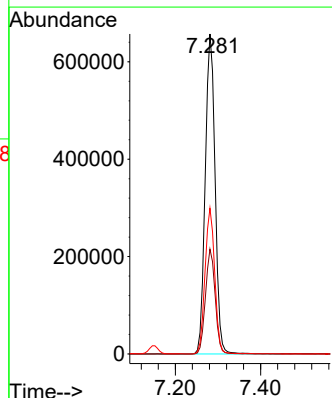
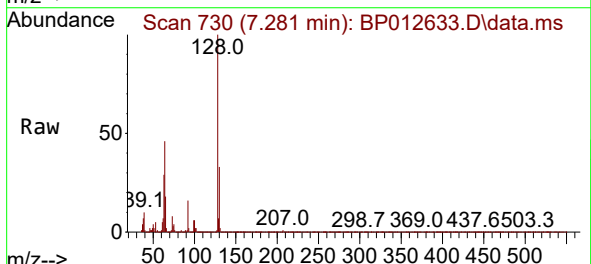
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	34.0	26.0	39.0

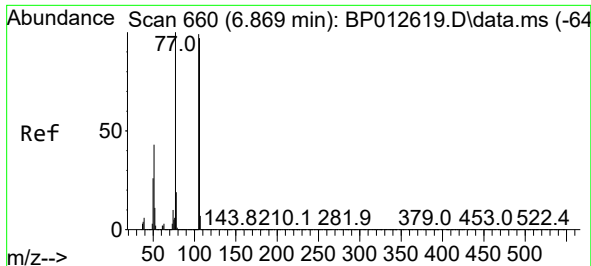


#8
2-Chlorophenol
Concen: 52.487 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP012633.D
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Tgt Ion: 128 Resp: 1056033

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.9	51.9
64	45.6	24.6	64.6

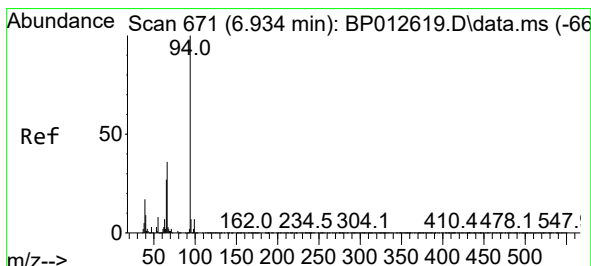
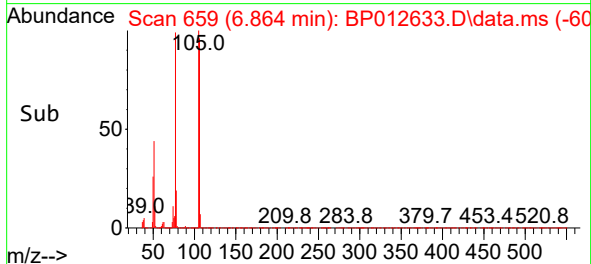
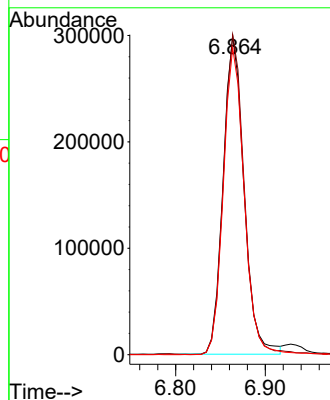
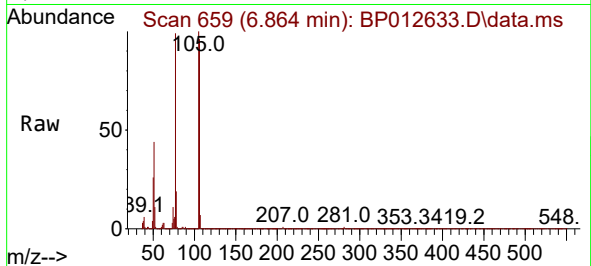




#9
Benzaldehyde
Concen: 34.599 ng
RT: 6.864 min Scan# 61
Delta R.T. -0.005 min
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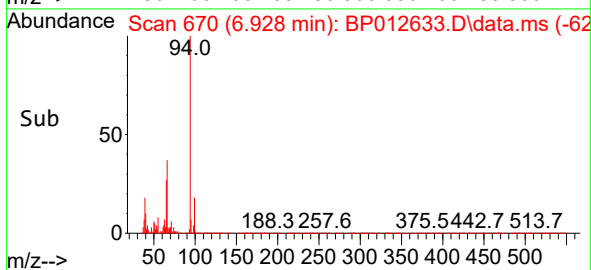
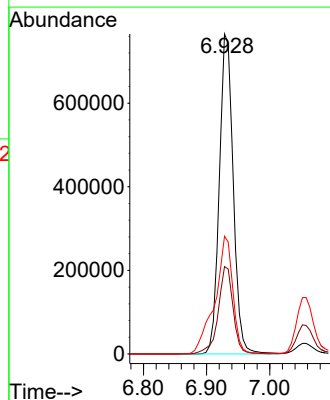
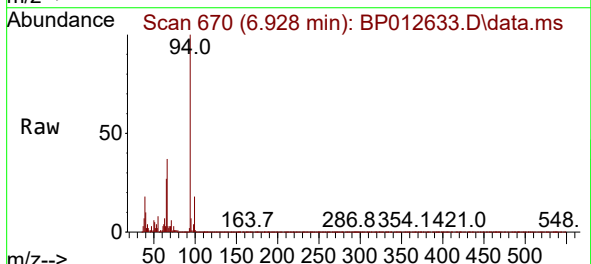
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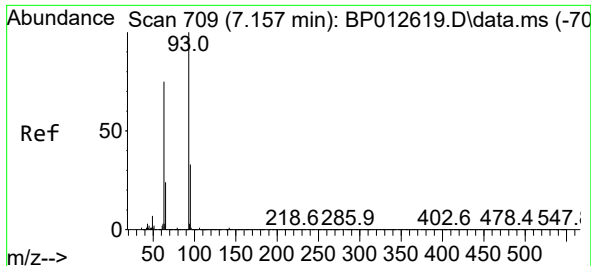
Tgt Ion: 77 Resp: 481250
Ion Ratio Lower Upper
77 100
105 100.5 79.5 119.5
106 96.4 76.9 116.9



#10
Phenol
Concen: 47.184 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 94 Resp: 1175533
Ion Ratio Lower Upper
94 100
65 27.3 7.5 47.5
66 36.8 16.3 56.3

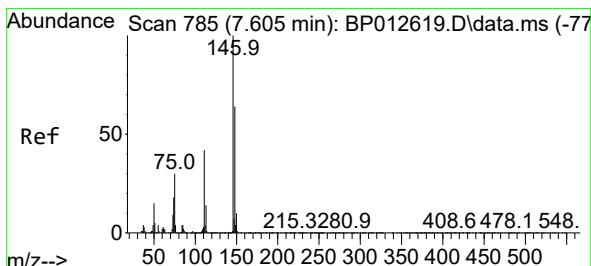
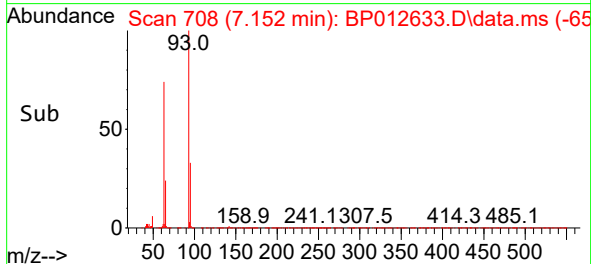
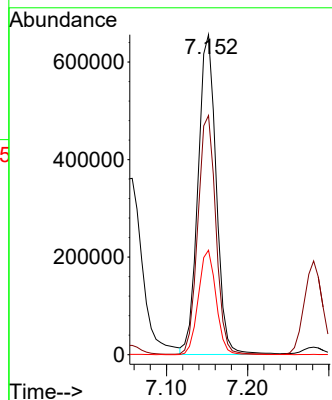
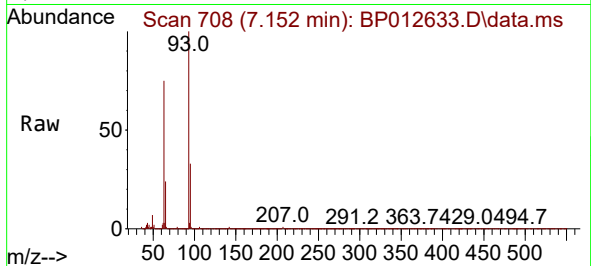




#11
bis(2-Chloroethyl)ether
Concen: 49.475 ng
RT: 7.152 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

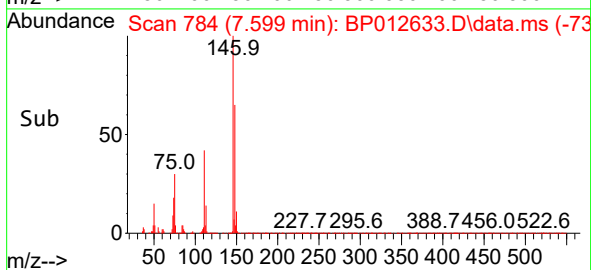
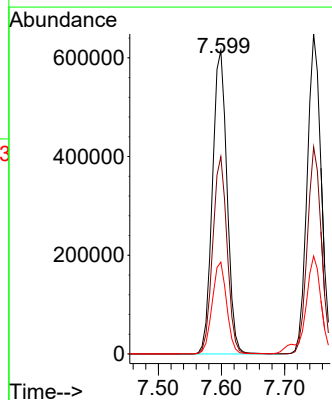
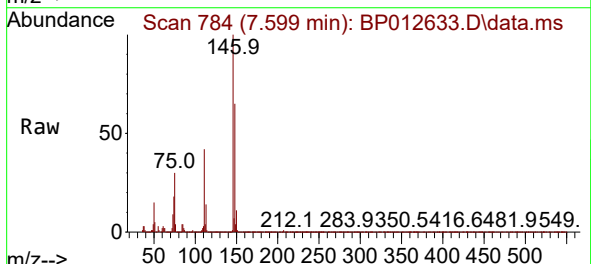
Instrument :
BNA_P
ClientSampleId :
2182MS

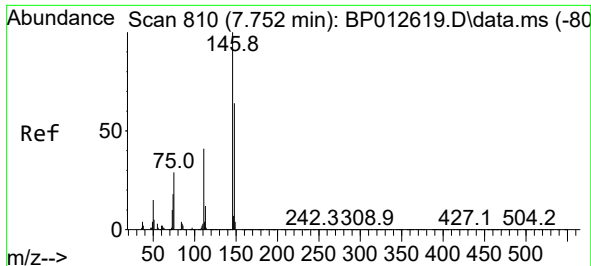
Tgt Ion: 93 Resp: 1019247
Ion Ratio Lower Upper
93 100
63 74.8 54.2 94.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.438 ng
RT: 7.599 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 146 Resp: 985191
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 30.3 23.7 35.5

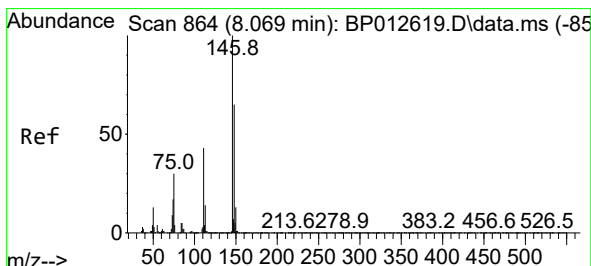
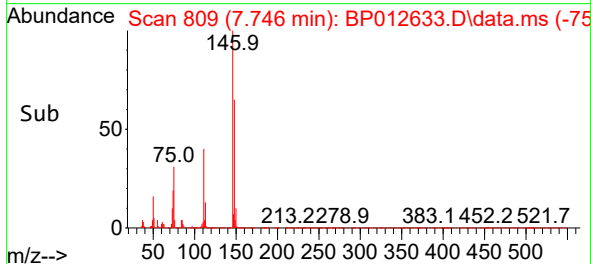
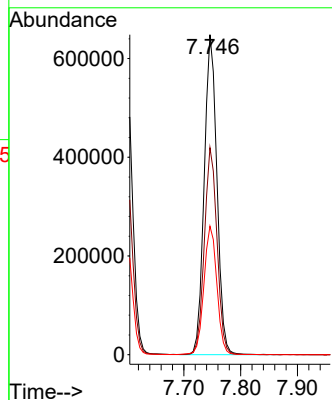
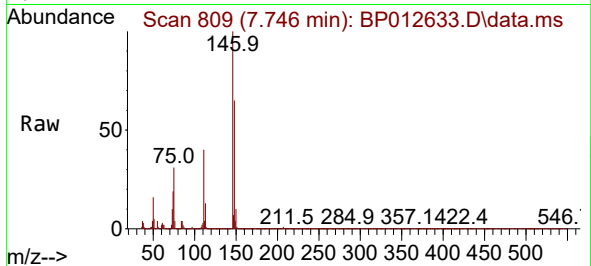




#13
1,4-Dichlorobenzene
Concen: 44.252 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

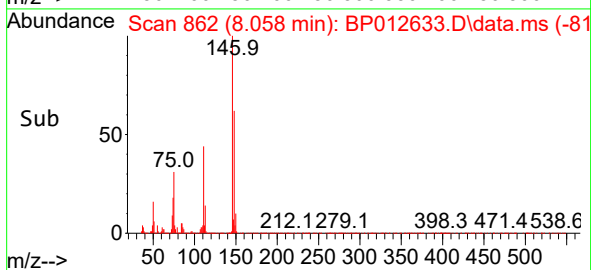
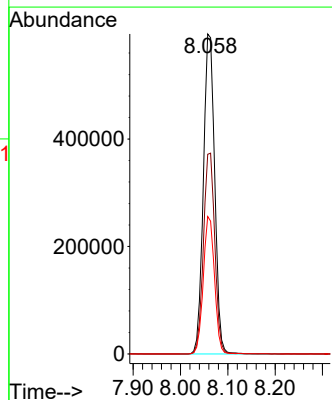
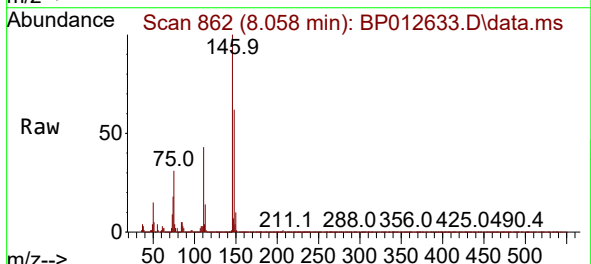
Instrument :
BNA_P
ClientSampleId :
2182MS

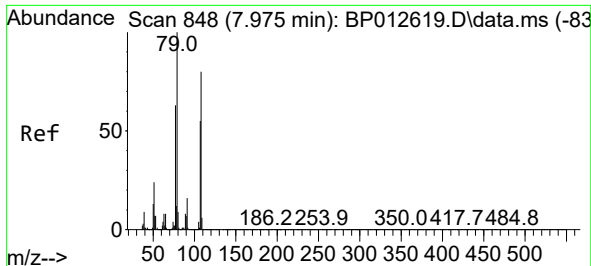
Tgt Ion:146 Resp: 1004110
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 40.2 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 45.796 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:146 Resp: 988826
Ion Ratio Lower Upper
146 100
148 62.4 52.1 78.1
111 43.0 34.2 51.2

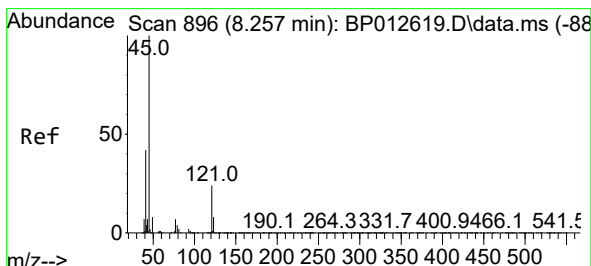
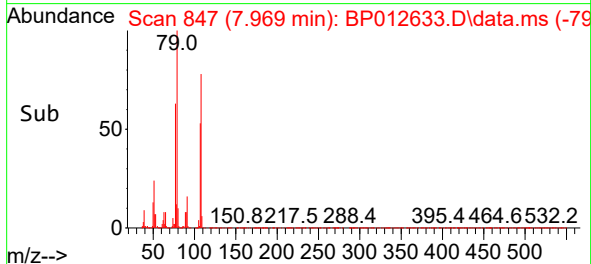
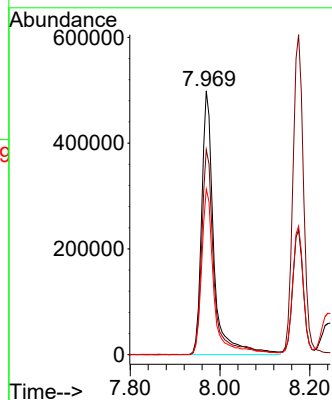
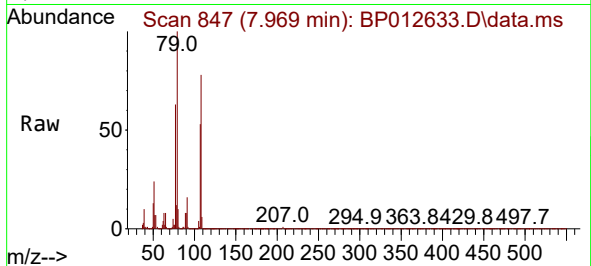




#15
Benzyl Alcohol
Concen: 56.773 ng
RT: 7.969 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

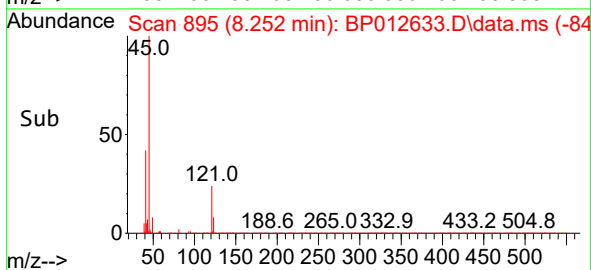
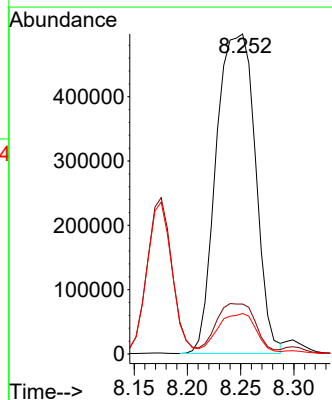
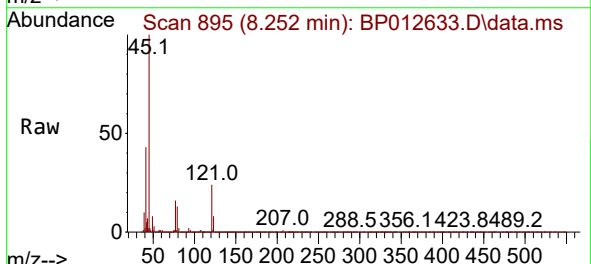
Instrument :
BNA_P
ClientSampleId :
2182MS

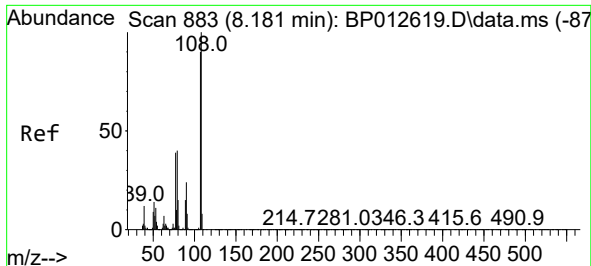
Tgt Ion: 79 Resp: 936989
Ion Ratio Lower Upper
79 100
108 77.7 63.7 95.5
77 62.8 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.339 ng
RT: 8.252 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 45 Resp: 1266559
Ion Ratio Lower Upper
45 100
77 15.6 0.0 36.1
79 12.6 0.0 32.6

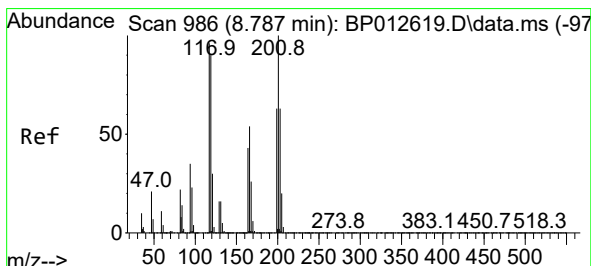
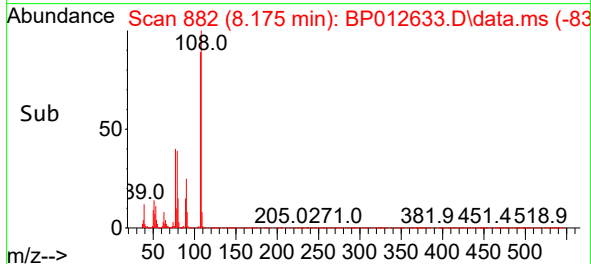
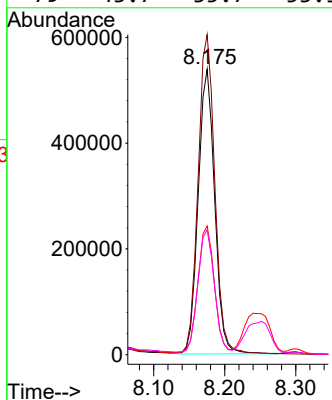
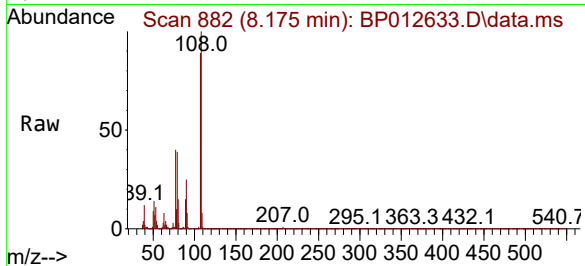




#17
2-Methylphenol
Concen: 50.763 ng
RT: 8.175 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

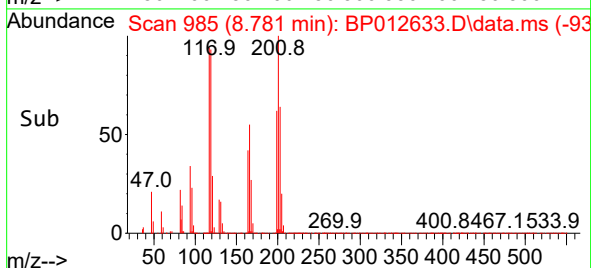
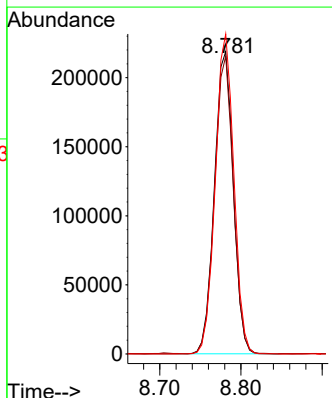
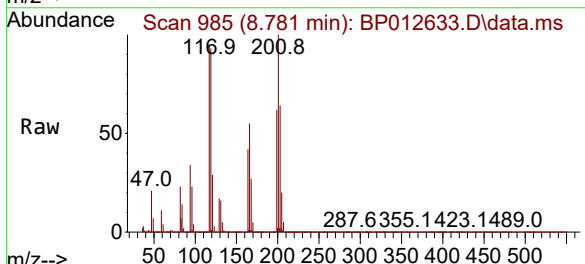
Instrument :
BNA_P
ClientSampleId :
2182MS

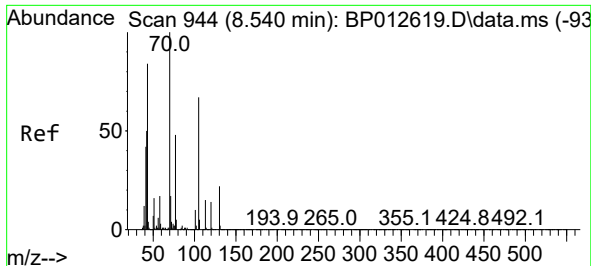
Tgt Ion:	107	Resp:	871408
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.0	133.4
77	45.0	35.3	52.9
79	43.7	35.7	53.5



#18
Hexachloroethane
Concen: 43.818 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:	117	Resp:	355561
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.6	113.4
201	105.8	83.5	125.3





#19

n-Nitroso-di-n-propylamine

Concen: 47.519 ng

RT: 8.534 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

Tgt Ion: 70 Resp: 760685

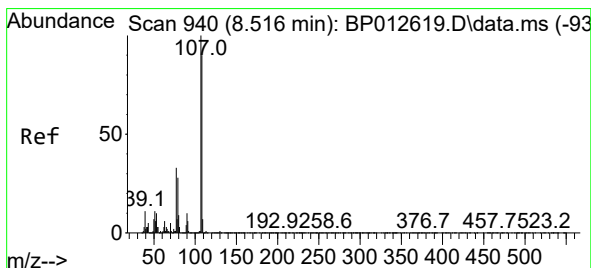
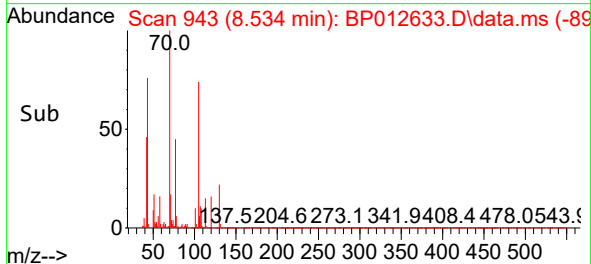
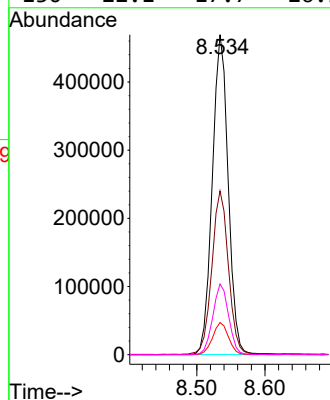
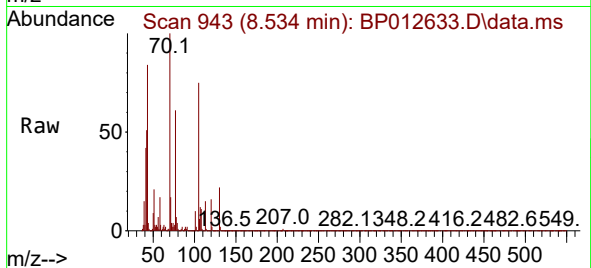
Ion Ratio Lower Upper

70 100

42 51.2 40.4 60.6

101 10.1 8.2 12.2

130 22.1 17.7 26.5



#20

3+4-Methylphenols

Concen: 48.917 ng

RT: 8.505 min Scan# 938

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Tgt Ion: 107 Resp: 1180189

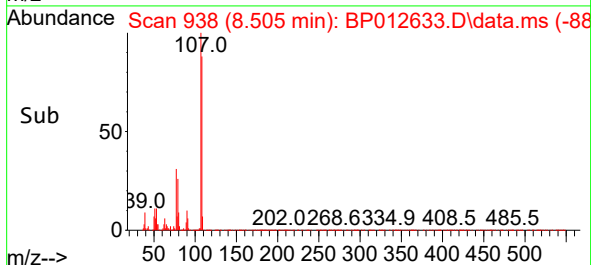
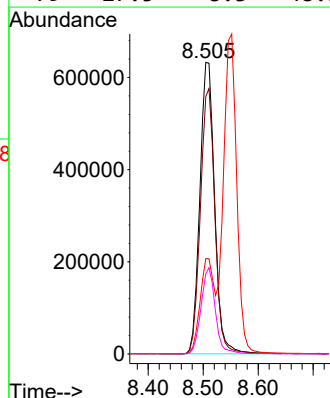
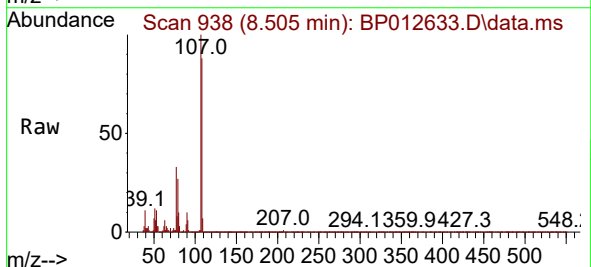
Ion Ratio Lower Upper

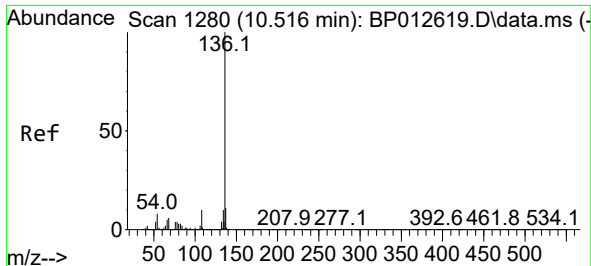
107 100

108 88.2 69.5 109.5

77 32.7 12.9 52.9

79 27.5 8.3 48.3

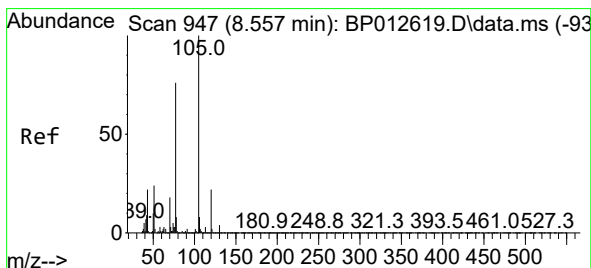
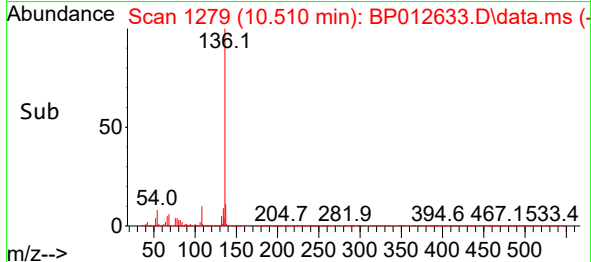
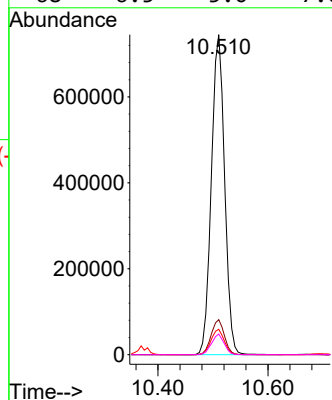
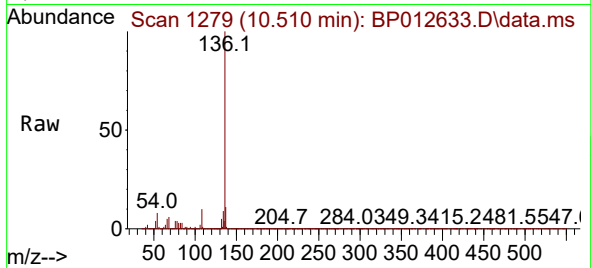




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

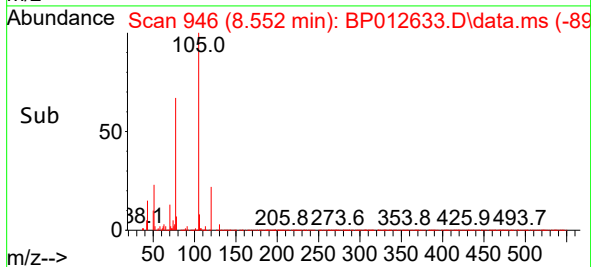
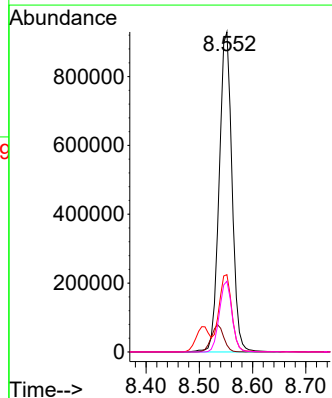
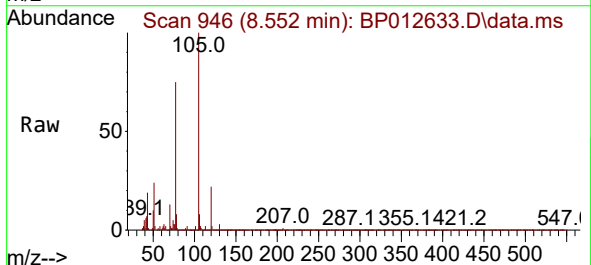
Instrument :
BNA_P
ClientSampleId :
2182MS

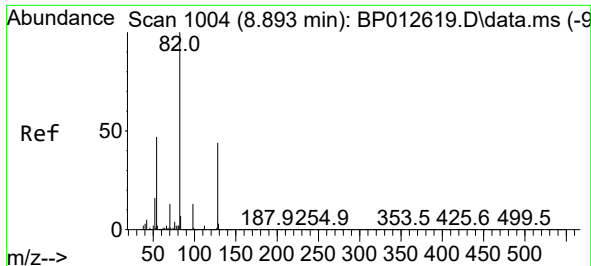
Tgt Ion:136 Resp: 1245754
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.0 6.4 9.6
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 50.024 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.005 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:105 Resp: 1551997
Ion Ratio Lower Upper
105 100
71 2.2 2.4 3.6#
51 24.1 19.4 29.2
120 22.1 17.8 26.6

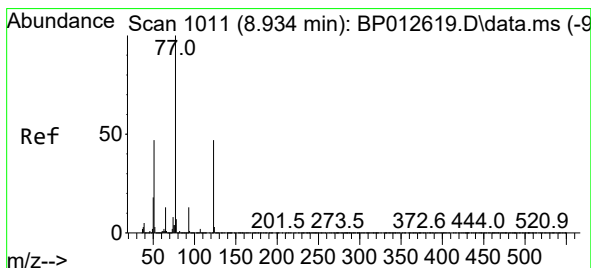
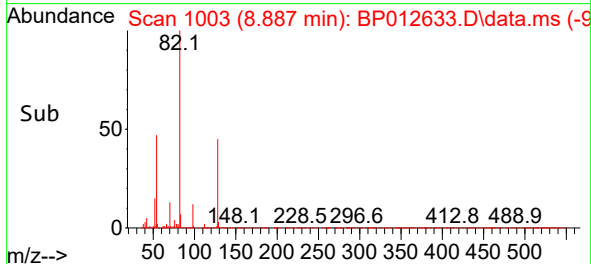
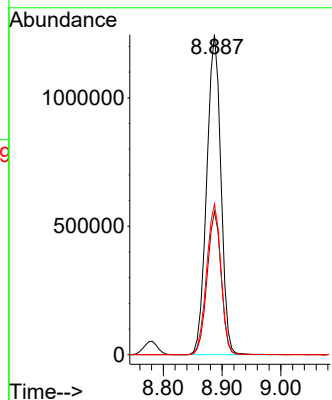
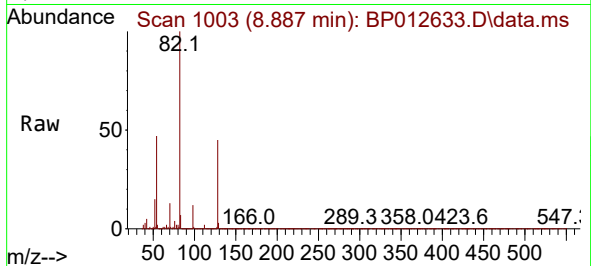




#23
Nitrobenzene-d5
Concen: 92.892 ng
RT: 8.887 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

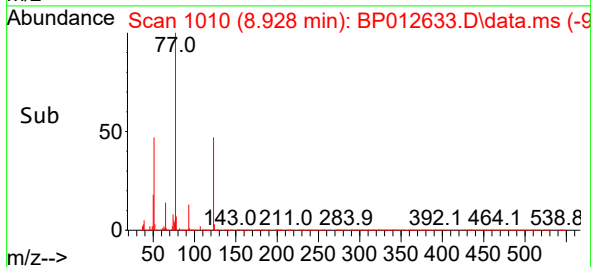
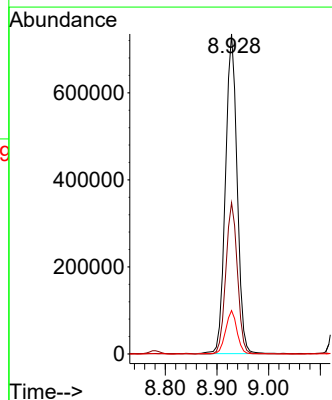
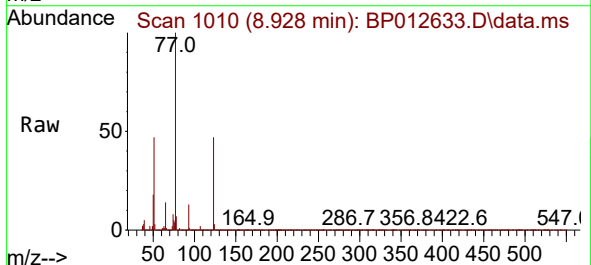
Instrument :
BNA_P
ClientSampleId :
2182MS

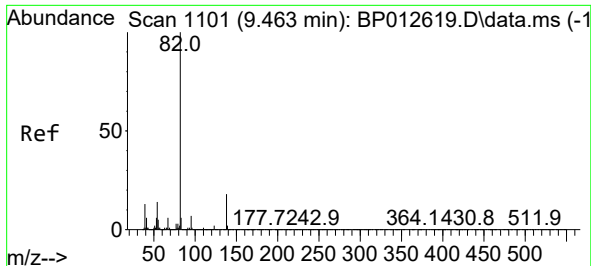
Tgt Ion: 82 Resp: 2085871
Ion Ratio Lower Upper
82 100
128 44.8 35.4 53.2
54 47.1 37.8 56.6



#24
Nitrobenzene
Concen: 49.402 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 77 Resp: 1154880
Ion Ratio Lower Upper
77 100
123 47.3 37.4 56.0
65 13.6 10.7 16.1

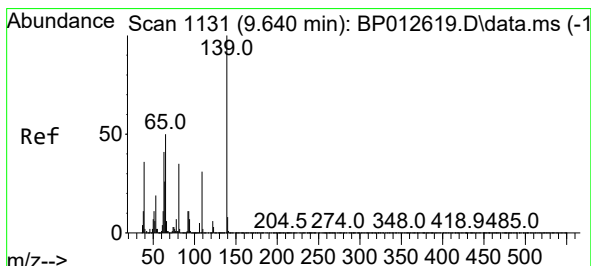
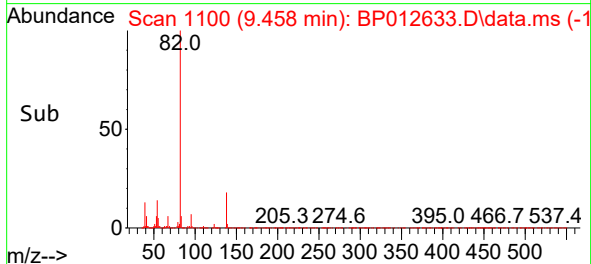
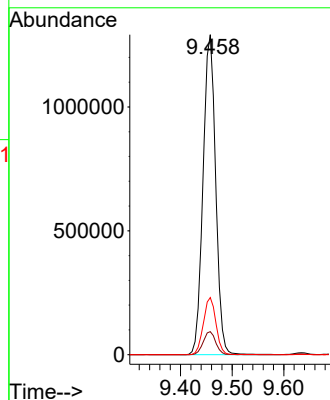
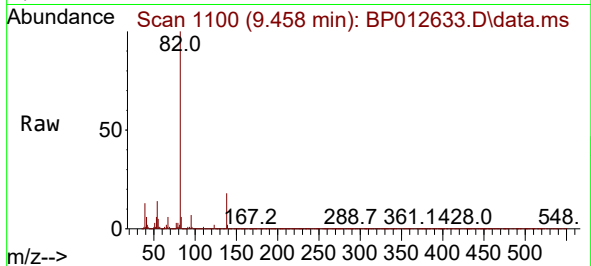




#25
Isophorone
Concen: 51.879 ng
RT: 9.458 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

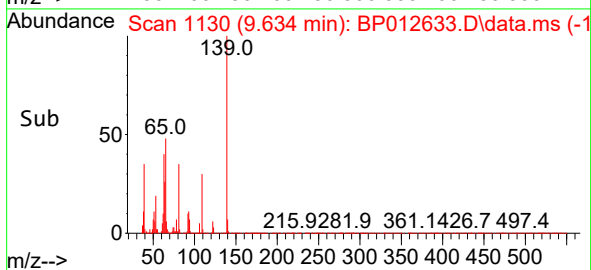
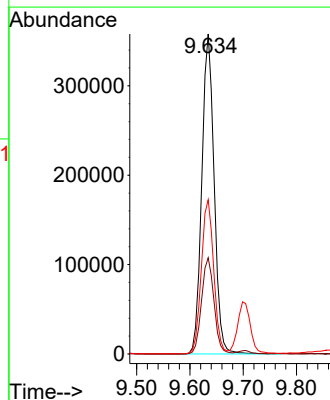
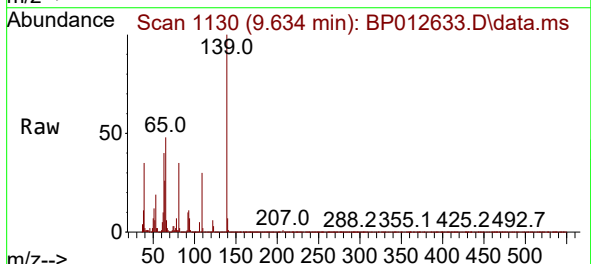
Instrument :
BNA_P
ClientSampleId :
2182MS

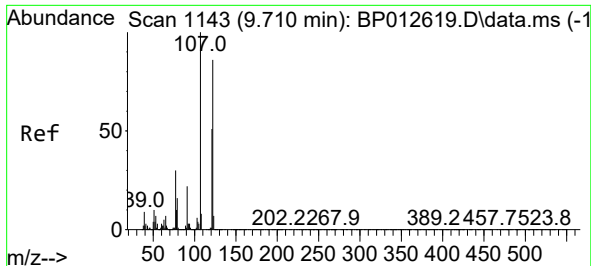
Tgt Ion: 82 Resp: 2188472
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 51.265 ng
RT: 9.634 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:139 Resp: 575209
Ion Ratio Lower Upper
139 100
109 30.1 24.6 37.0
65 48.2 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 57.379 ng

RT: 9.705 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

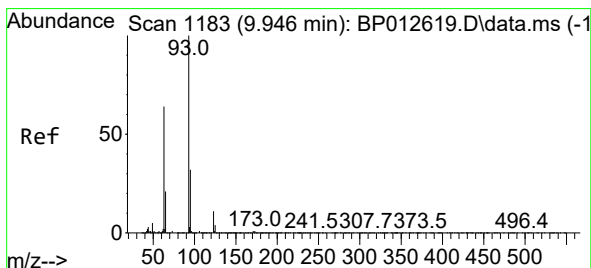
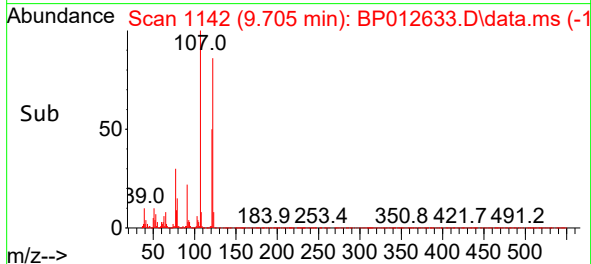
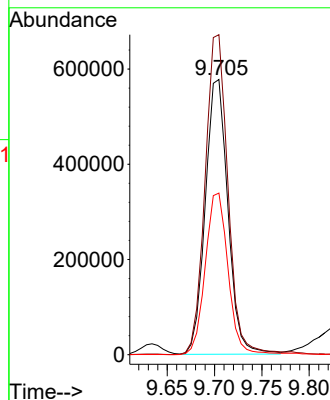
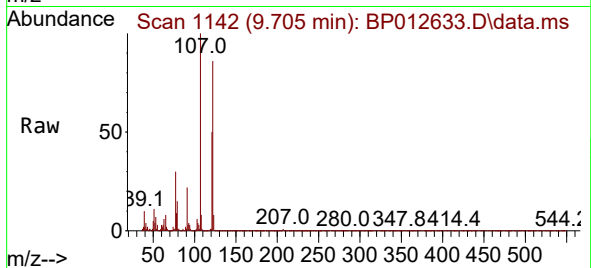
Tgt Ion:122 Resp: 961831

Ion Ratio Lower Upper

122 100

107 116.3 92.7 139.1

121 58.7 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 53.792 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

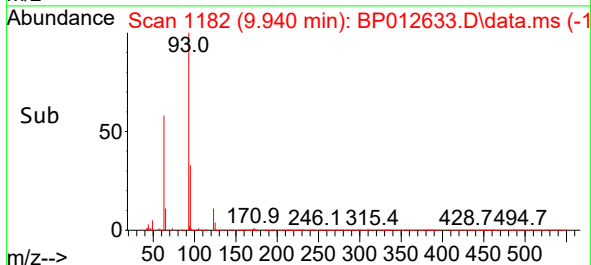
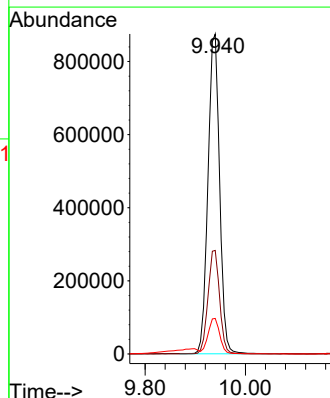
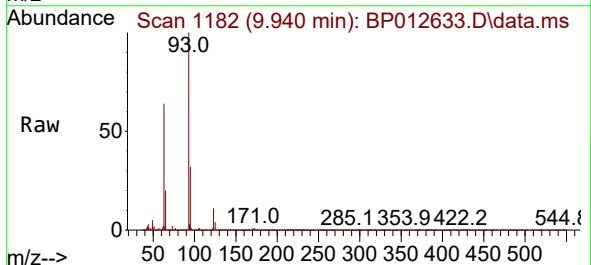
Tgt Ion: 93 Resp: 1405997

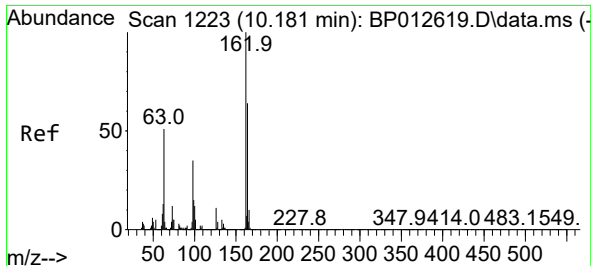
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.609 ng

RT: 10.169 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

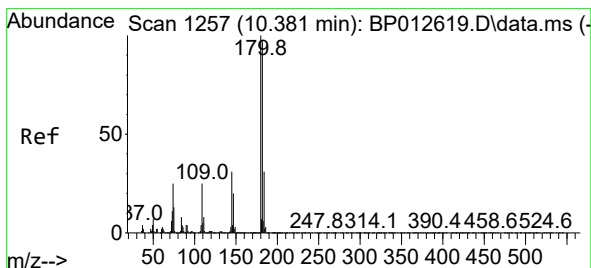
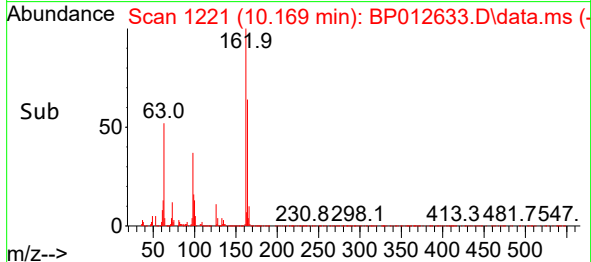
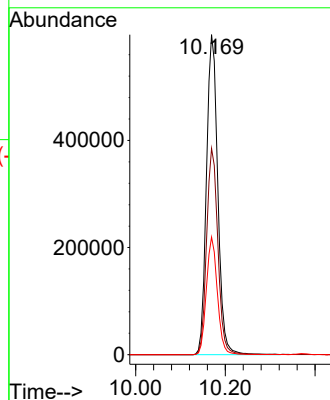
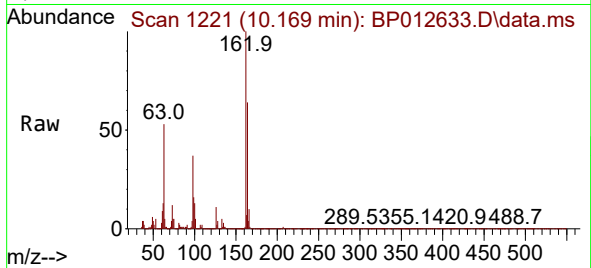
Tgt Ion:162 Resp: 1044689

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

98 36.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 46.257 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

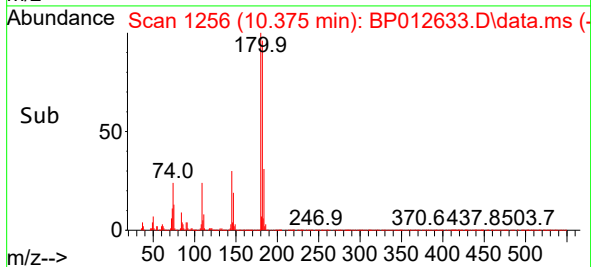
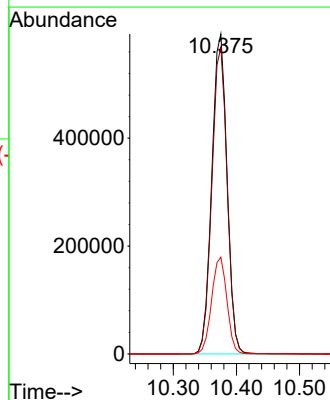
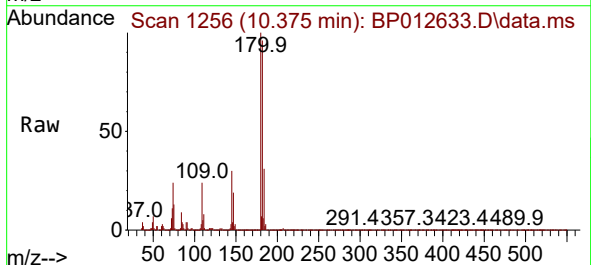
Tgt Ion:180 Resp: 995452

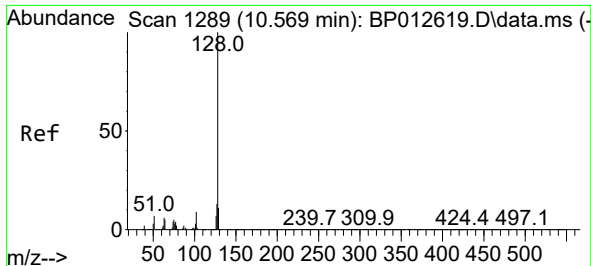
Ion Ratio Lower Upper

180 100

182 95.8 77.4 116.2

145 30.3 24.6 36.8

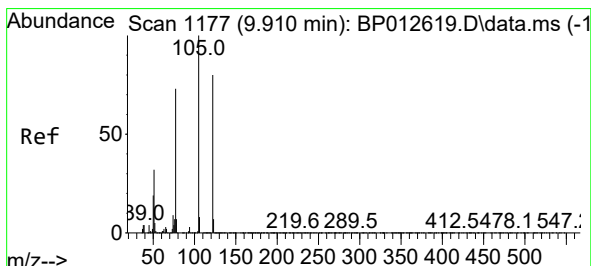
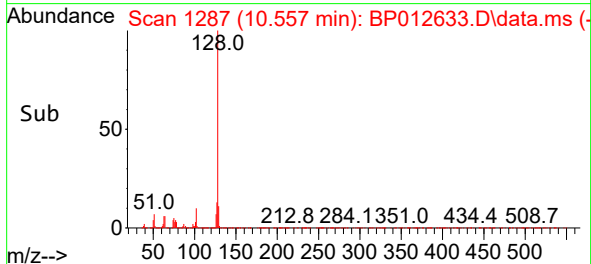
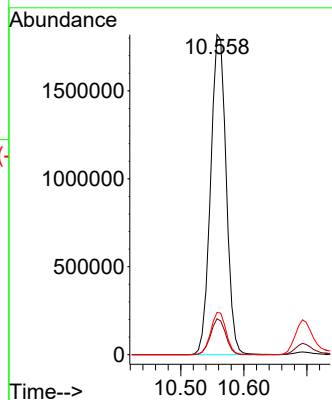
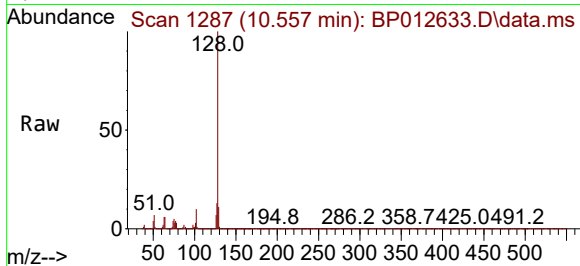




#31
Naphthalene
Concen: 45.985 ng
RT: 10.557 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

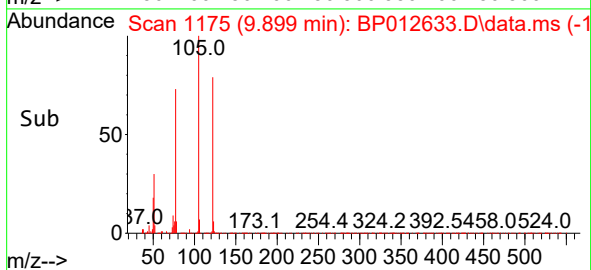
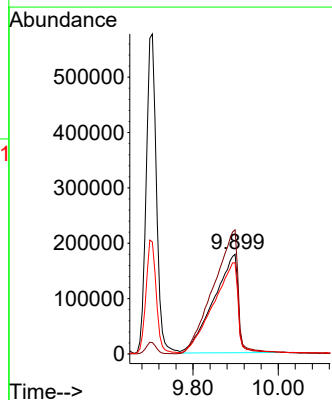
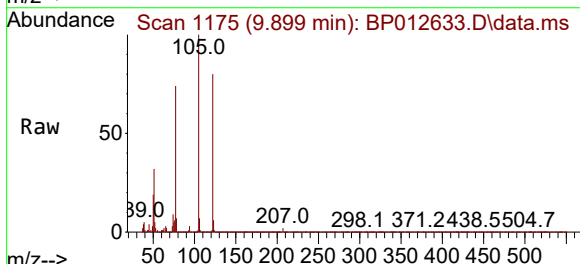
Instrument :
BNA_P
ClientSampleId :
2182MS

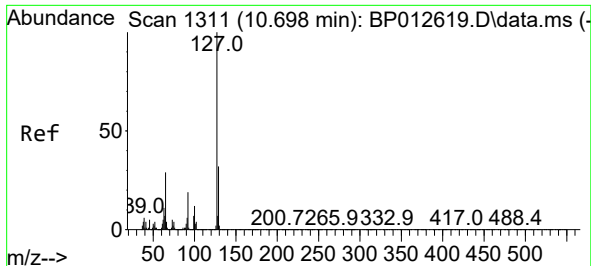
Tgt Ion:128 Resp: 3112149
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 41.980 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:122 Resp: 710550
Ion Ratio Lower Upper
122 100
105 124.6 102.2 142.2
77 91.6 70.7 110.7

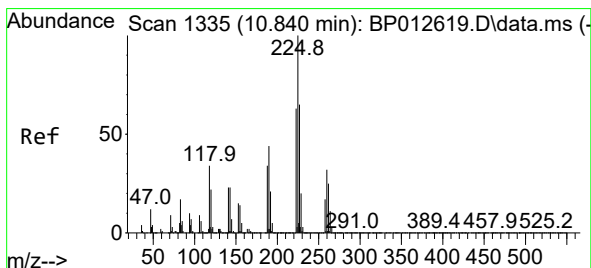
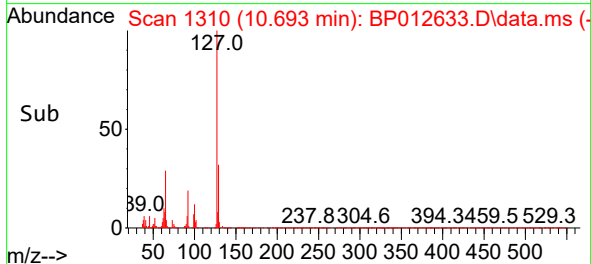
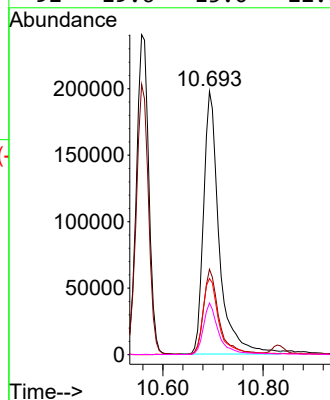
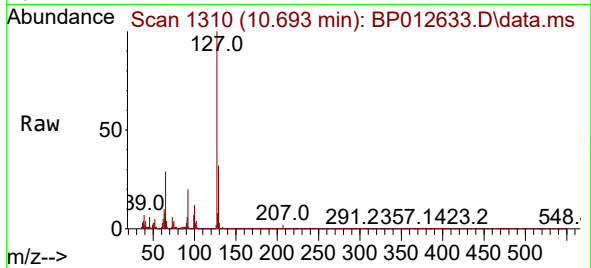




#33
4-Chloroaniline
Concen: 15.247 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

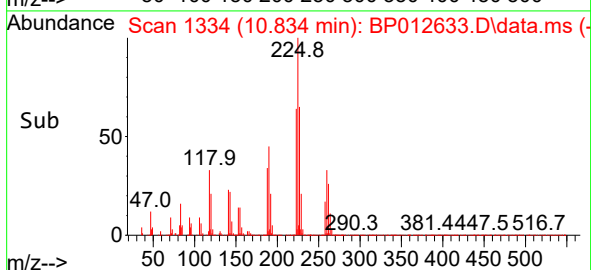
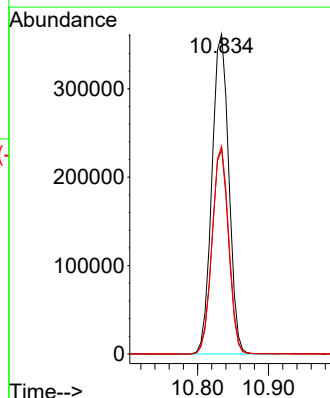
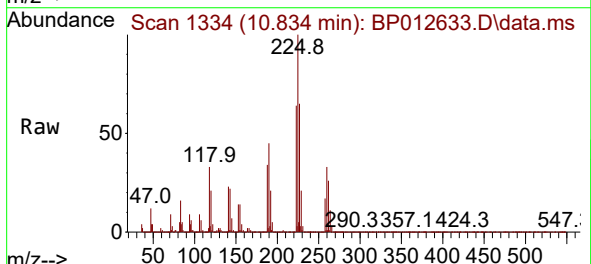
Instrument :
BNA_P
ClientSampleId :
2182MS

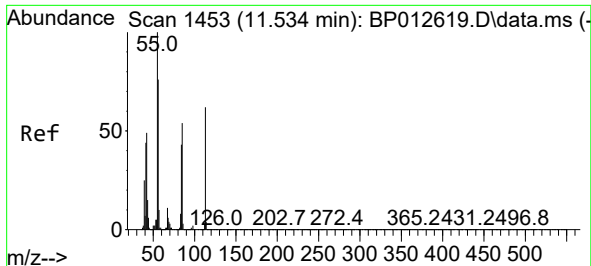
Tgt Ion:	127	Resp:	430397
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	28.9	23.4	35.0
92	19.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 43.851 ng
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:	225	Resp:	597034
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	65.0	51.7	77.5

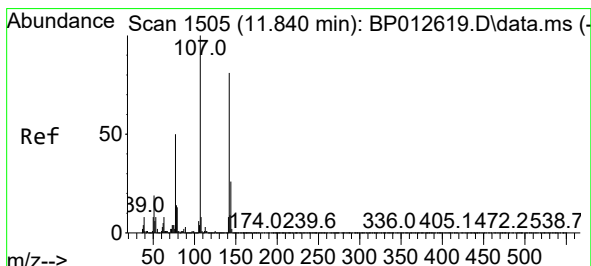
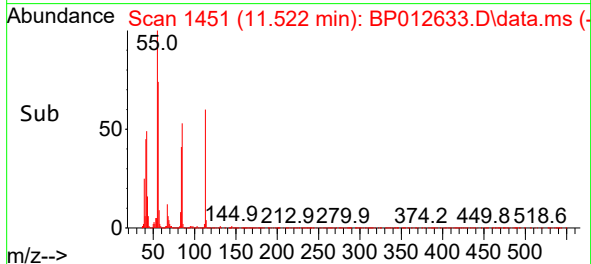
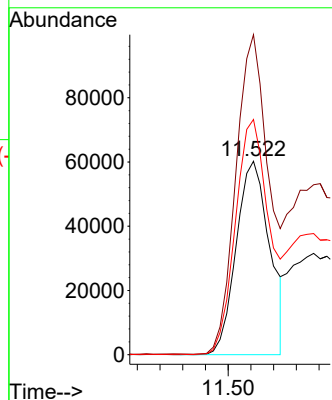
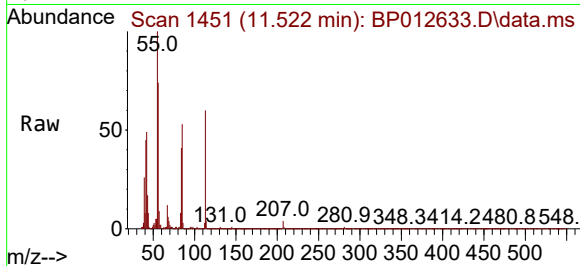




#35
Caprolactam
Concen: 18.584 ng
RT: 11.522 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

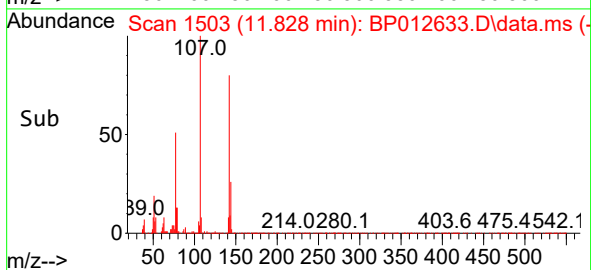
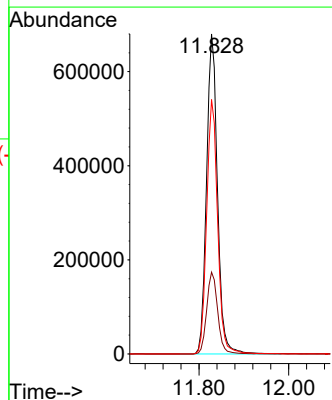
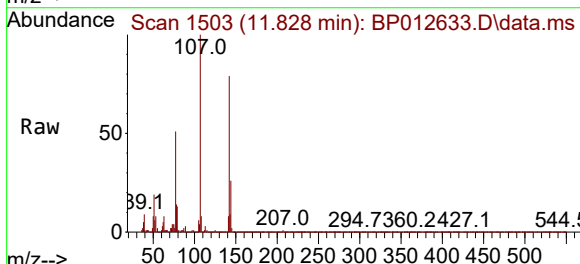
Instrument :
BNA_P
ClientSampleId :
2182MS

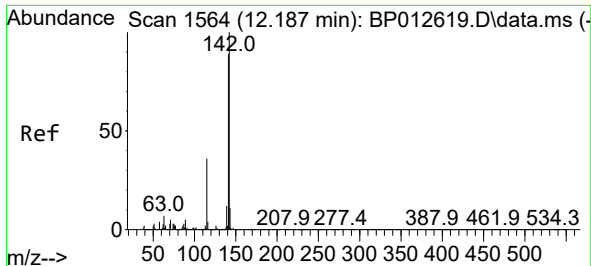
Tgt Ion:113 Resp: 123344
Ion Ratio Lower Upper
113 100
55 165.4 141.9 181.9
56 121.6 102.8 142.8



#36
4-Chloro-3-methylphenol
Concen: 51.159 ng
RT: 11.828 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:107 Resp: 1146627
Ion Ratio Lower Upper
107 100
144 25.6 20.9 31.3
142 79.5 64.8 97.2

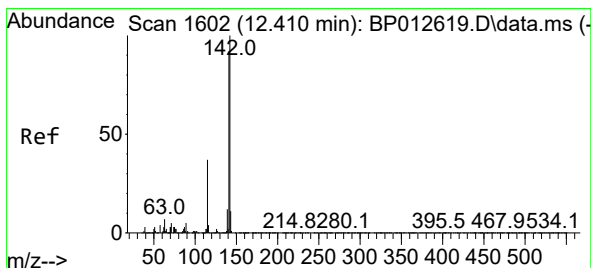
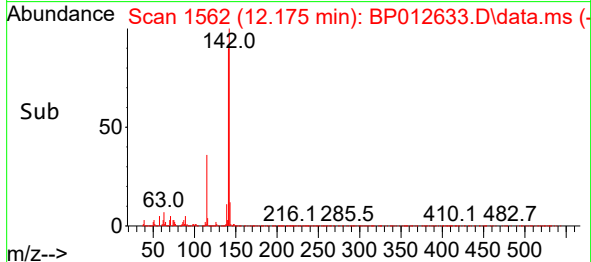
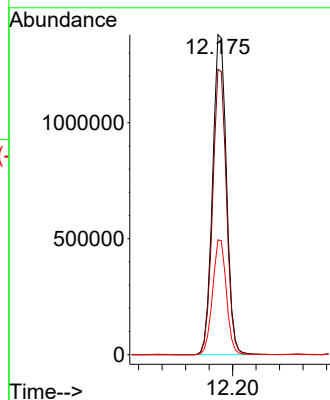
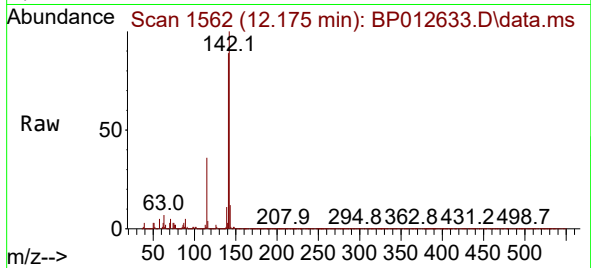




#37
2-Methylnaphthalene
Concen: 46.619 ng
RT: 12.175 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

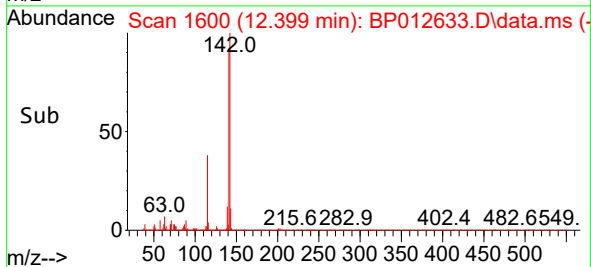
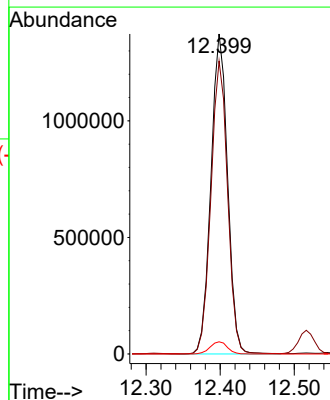
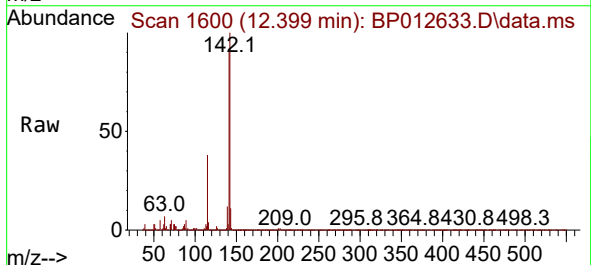
Instrument :
BNA_P
ClientSampleId :
2182MS

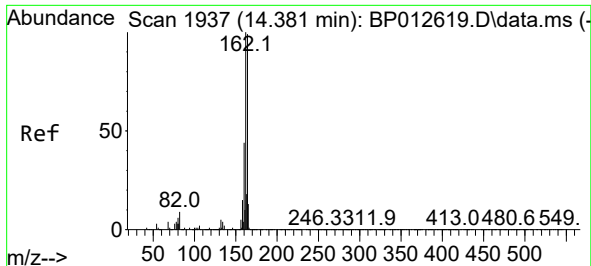
Tgt Ion:142 Resp: 2261471
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3
115 35.9 29.0 43.4



#38
1-Methylnaphthalene
Concen: 45.045 ng
RT: 12.399 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:142 Resp: 2137983
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0
116 3.8 3.1 4.7

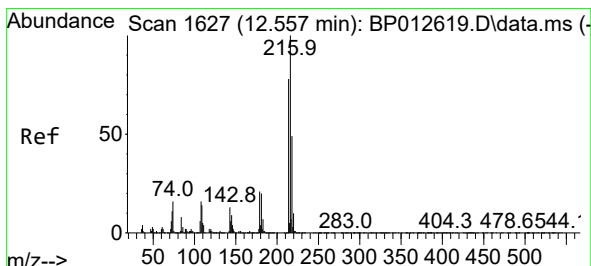
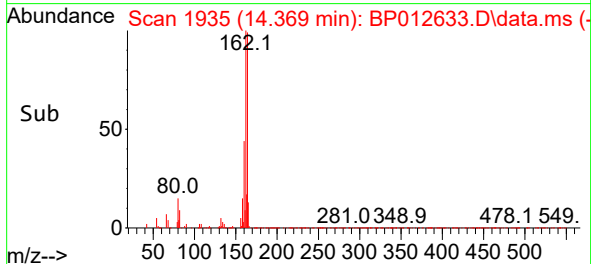
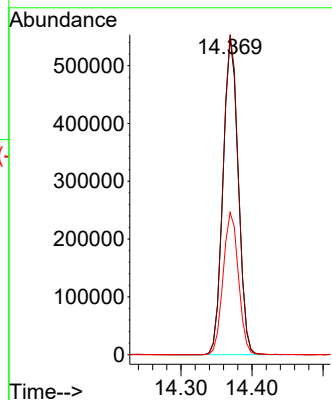
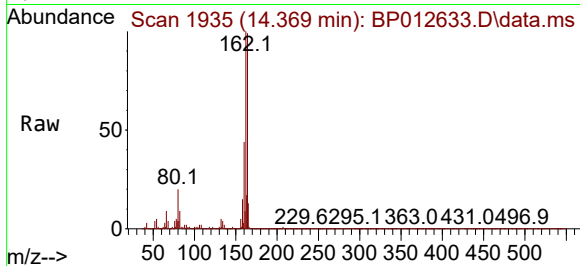




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

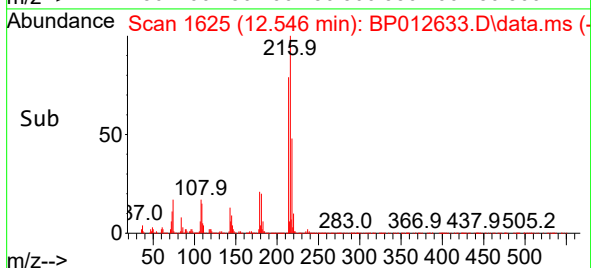
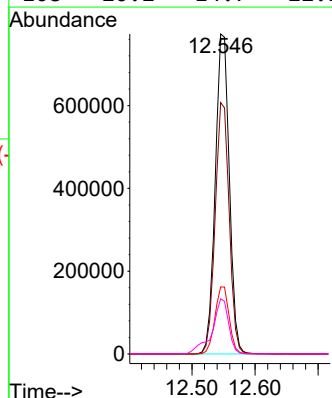
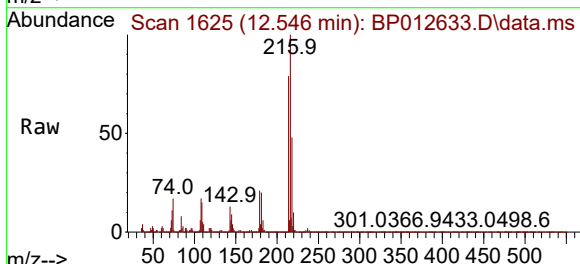
Instrument :
BNA_P
ClientSampleId :
2182MS

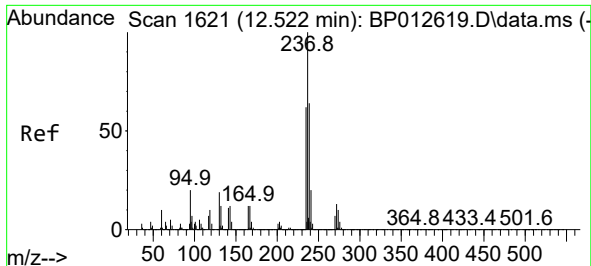
Tgt Ion:164 Resp: 810229
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.6
160 45.0 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.399 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:216 Resp: 1192604
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 21.2 16.8 25.2
108 20.2 14.7 22.1

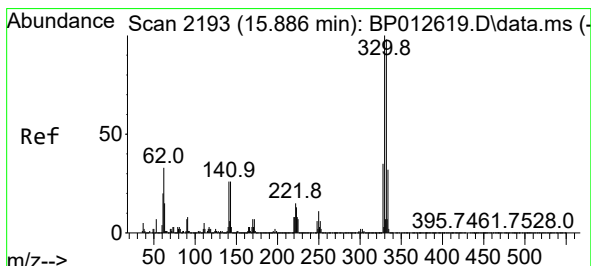
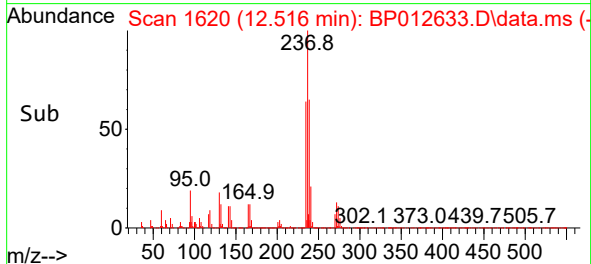
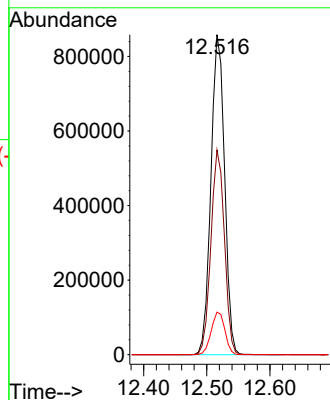
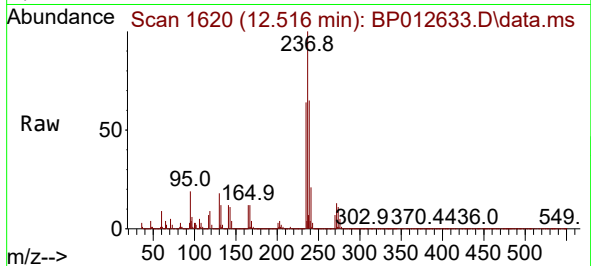




#41
Hexachlorocyclopentadiene
Concen: 102.790 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

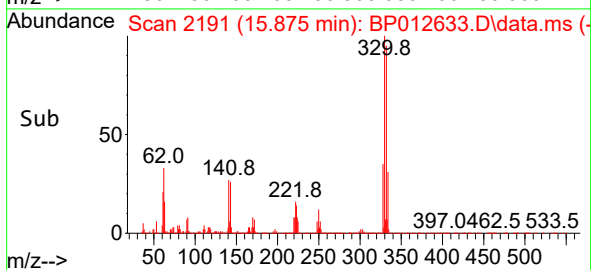
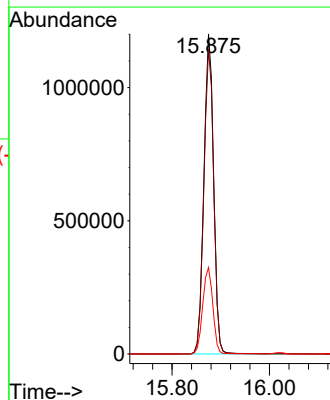
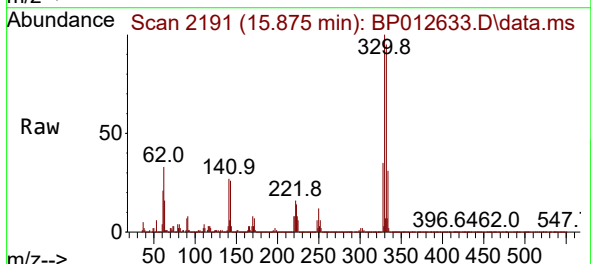
Instrument :
BNA_P
ClientSampleId :
2182MS

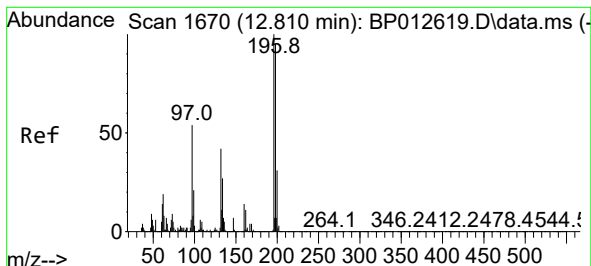
Tgt Ion:237 Resp: 1285699
Ion Ratio Lower Upper
237 100
235 64.0 42.1 82.1
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 150.280 ng
RT: 15.875 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:330 Resp: 1662210
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.2 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 49.884 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

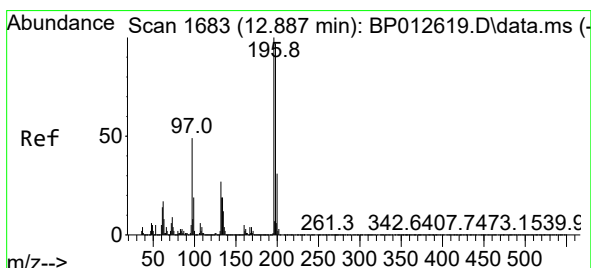
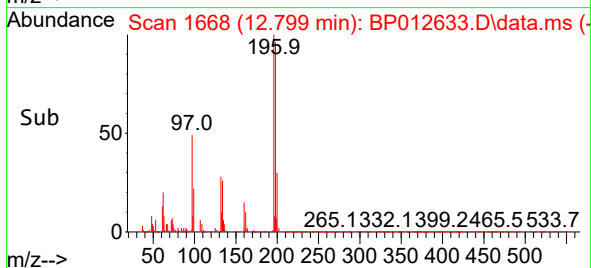
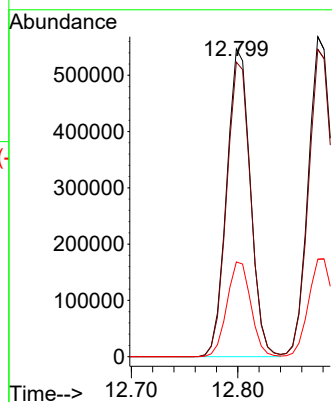
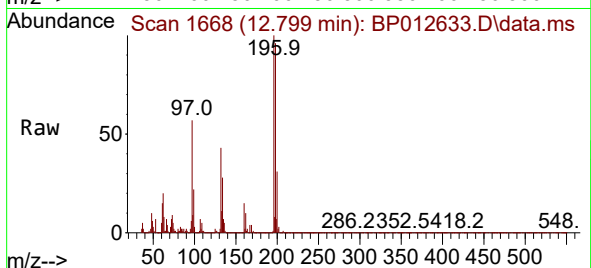
Tgt Ion:196 Resp: 845943

Ion Ratio Lower Upper

196 100

198 95.7 75.9 113.9

200 30.8 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 49.471 ng

RT: 12.875 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Tgt Ion:196 Resp: 936446

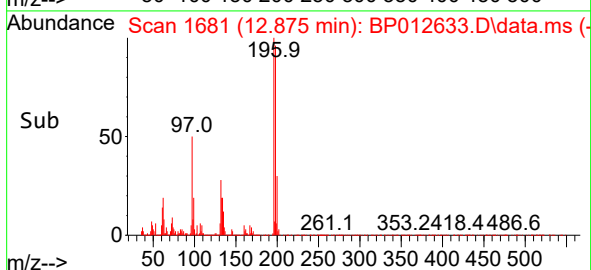
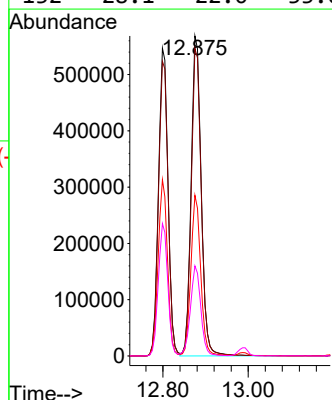
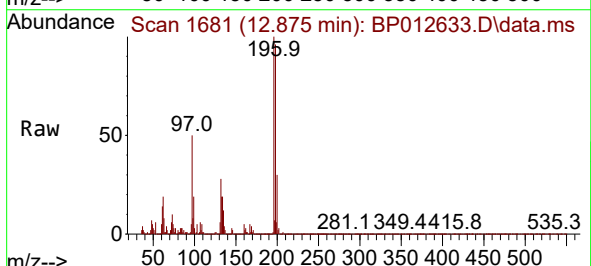
Ion Ratio Lower Upper

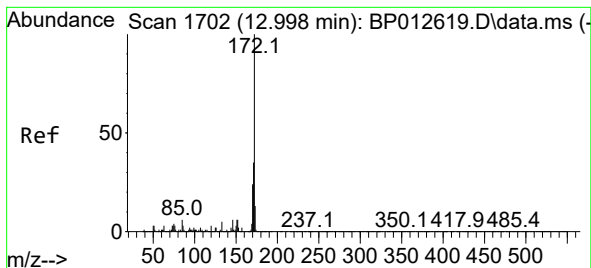
196 100

198 96.1 77.8 116.8

97 50.2 39.0 58.4

132 28.1 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 86.888 ng

RT: 12.987 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

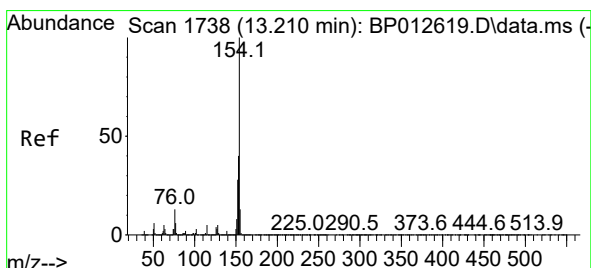
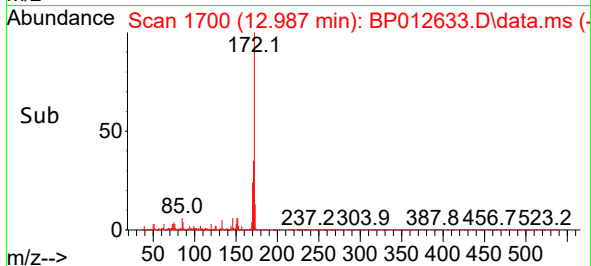
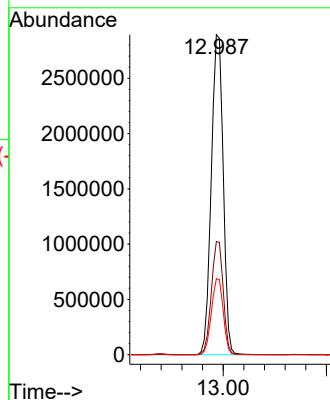
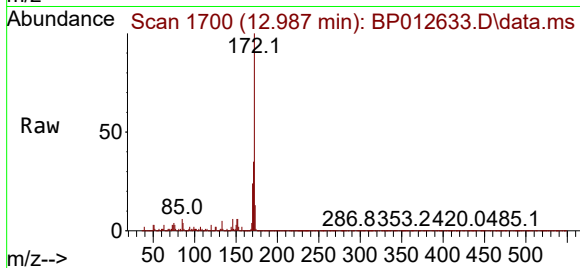
Tgt Ion:172 Resp: 4637390

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.171 ng

RT: 13.199 min Scan# 1736

Delta R.T. -0.011 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

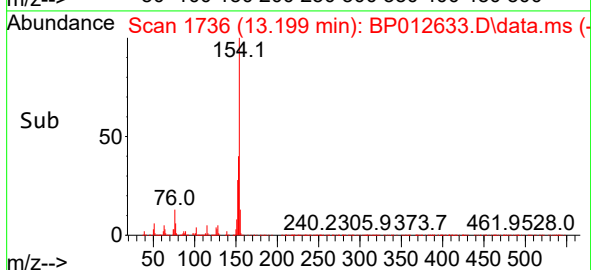
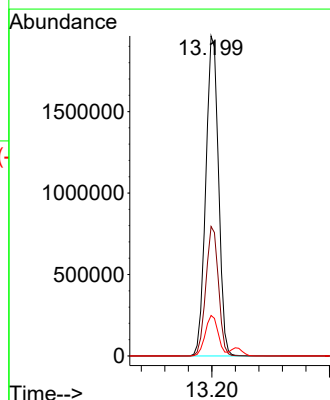
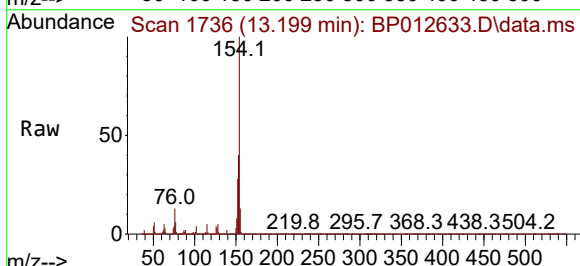
Tgt Ion:154 Resp: 2950379

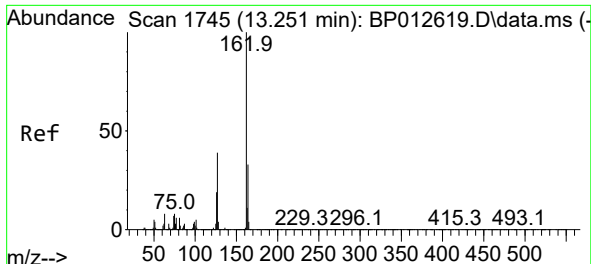
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.7 0.0 32.7

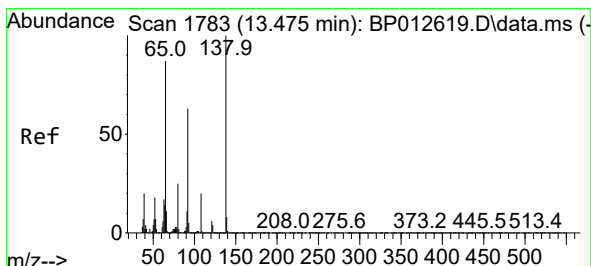
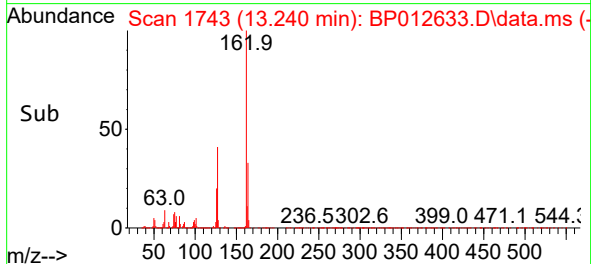
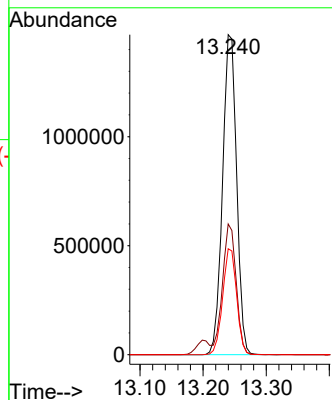
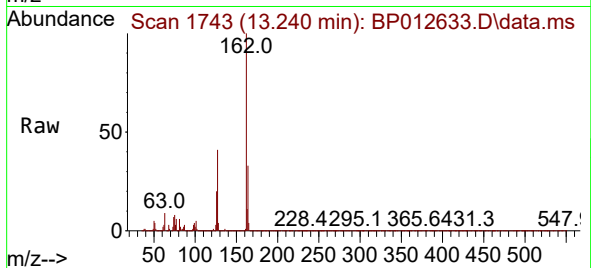




#47
2-Chloronaphthalene
Concen: 48.306 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

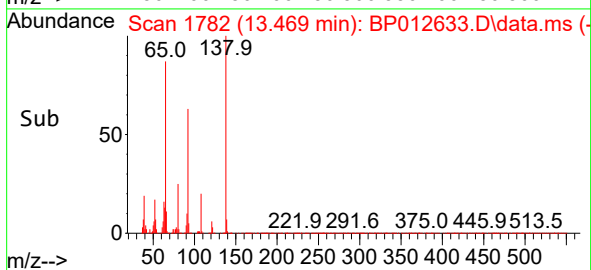
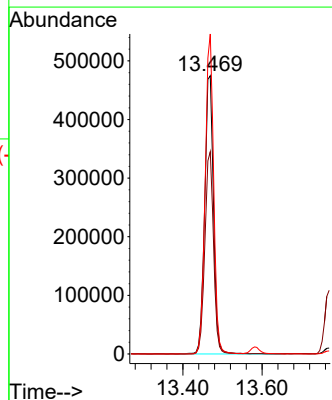
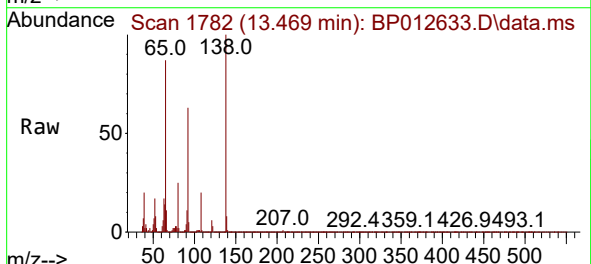
Instrument :
BNA_P
ClientSampleId :
2182MS

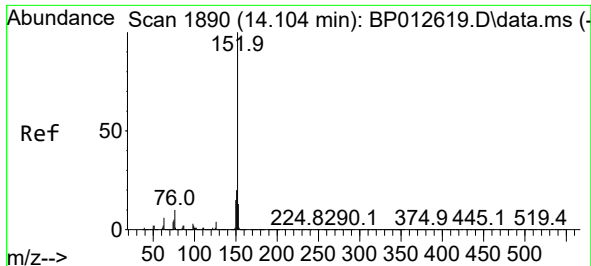
Tgt Ion:162 Resp: 2274901
Ion Ratio Lower Upper
162 100
127 40.9 31.5 47.3
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 51.459 ng
RT: 13.469 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 65 Resp: 732930
Ion Ratio Lower Upper
65 100
92 72.7 57.3 85.9
138 115.0 91.4 137.2

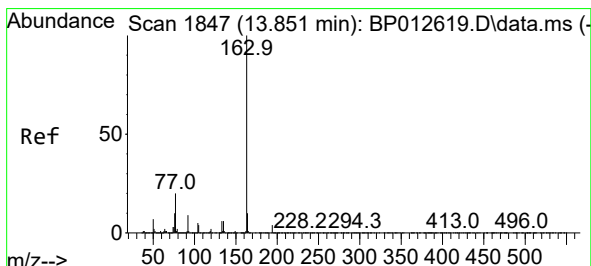
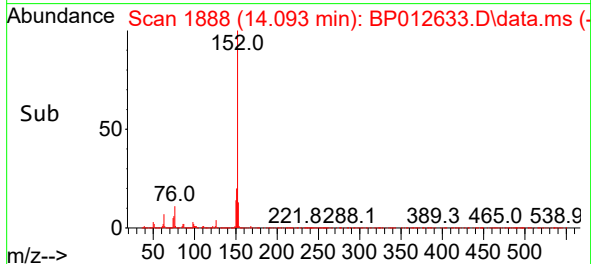
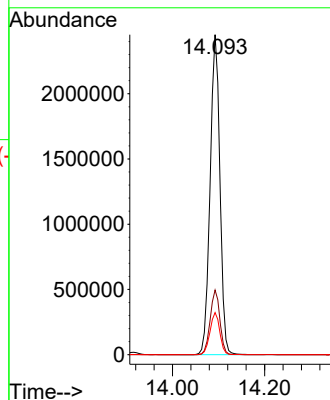
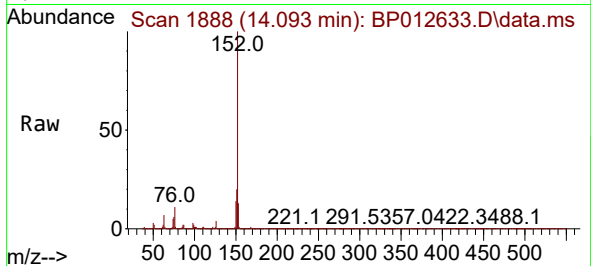




#49
Acenaphthylene
Concen: 48.594 ng
RT: 14.093 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

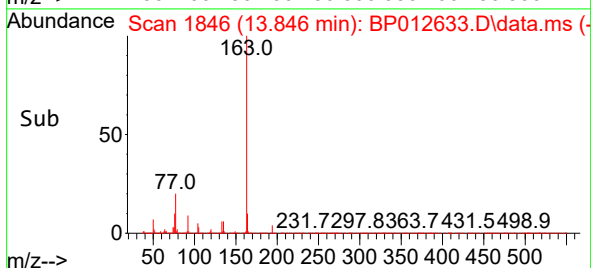
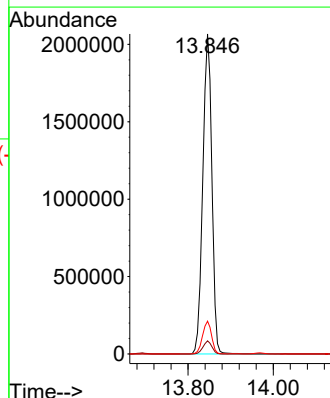
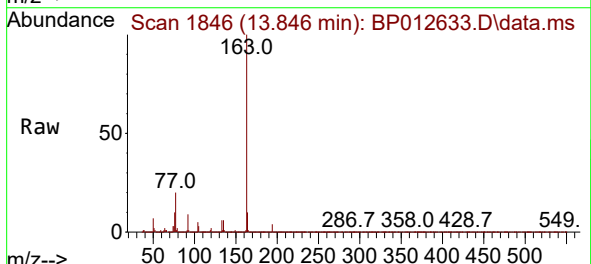
Instrument :
BNA_P
ClientSampleId :
2182MS

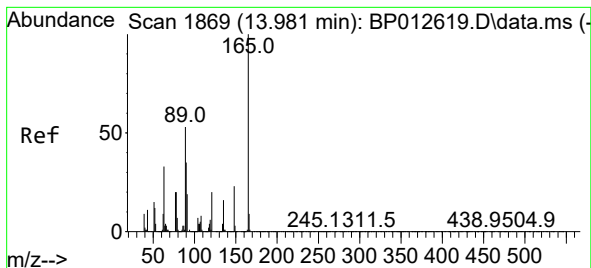
Tgt Ion:152 Resp: 3634047
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 47.634 ng
RT: 13.846 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:163 Resp: 3049994
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.4

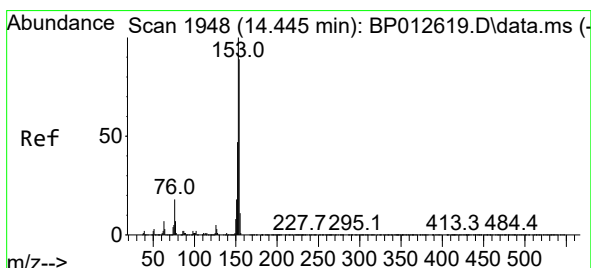
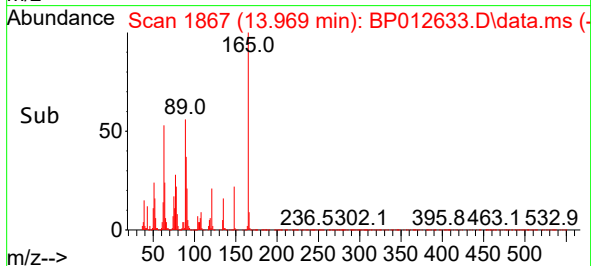
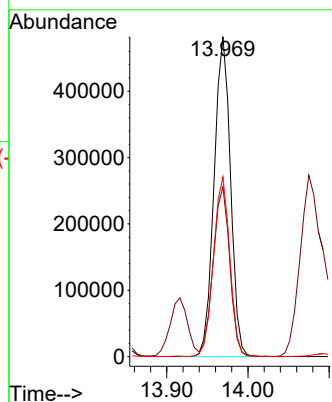
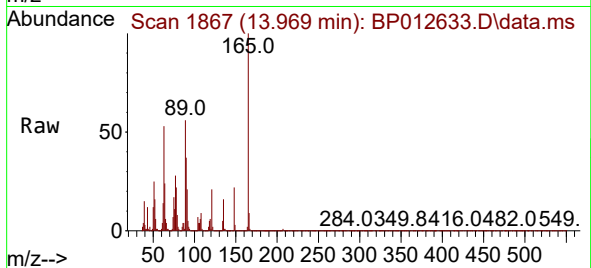




#51
2,6-Dinitrotoluene
Concen: 49.567 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

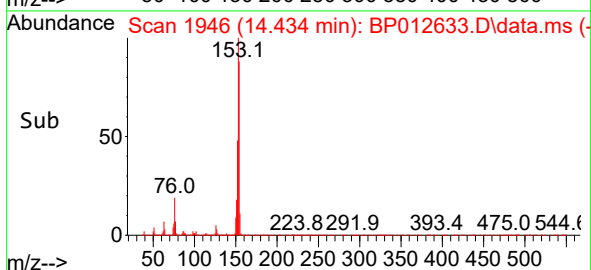
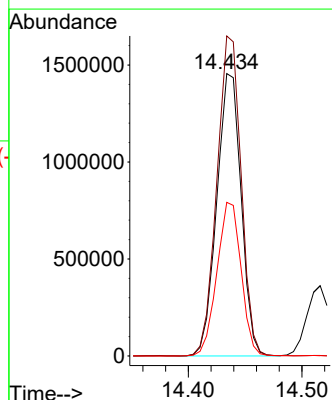
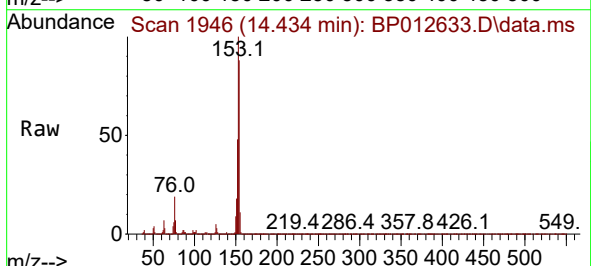
Instrument :
BNA_P
ClientSampleId :
2182MS

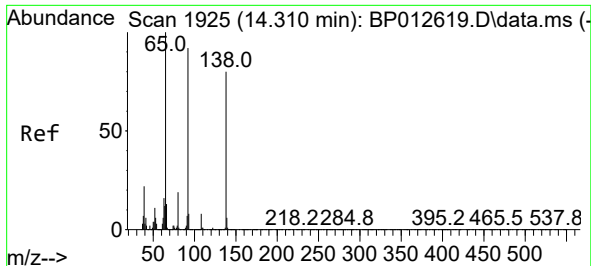
Tgt Ion:165 Resp: 676812
Ion Ratio Lower Upper
165 100
63 53.1 40.7 61.1
89 56.2 42.8 64.2



#52
Acenaphthene
Concen: 47.672 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:154 Resp: 2170056
Ion Ratio Lower Upper
154 100
153 113.3 90.3 135.5
152 54.4 42.8 64.2

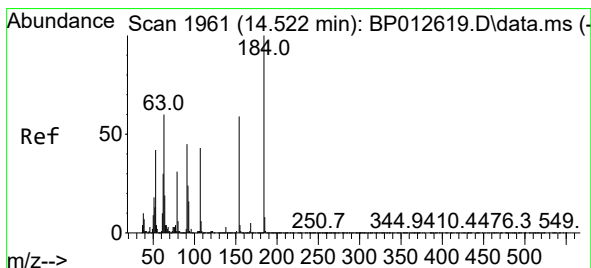
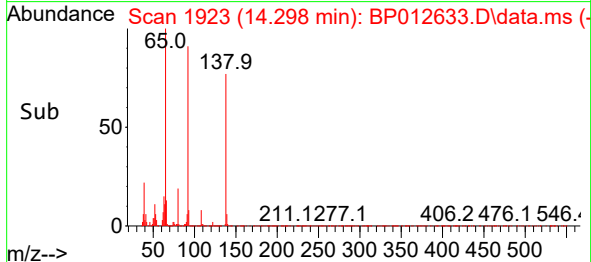
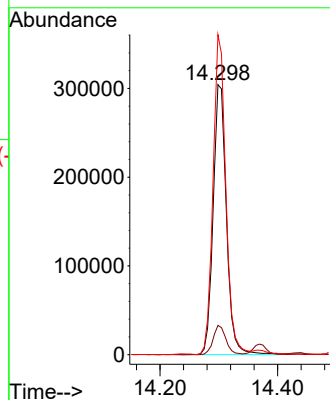
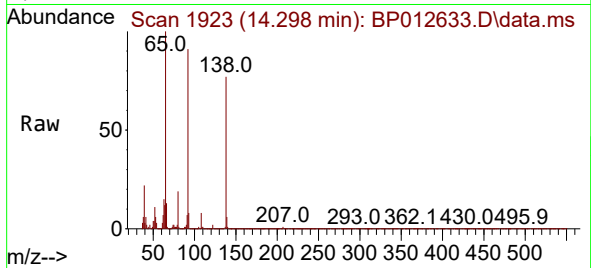




#53
3-Nitroaniline
Concen: 32.417 ng
RT: 14.298 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

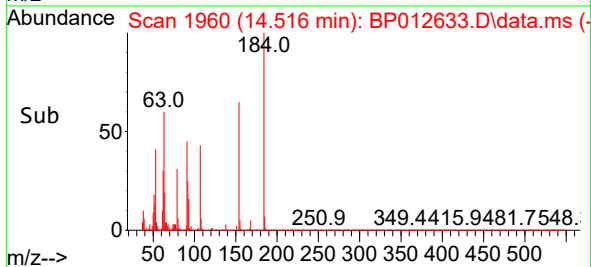
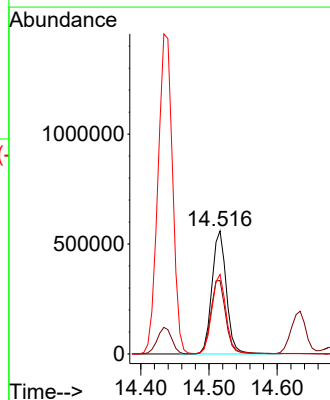
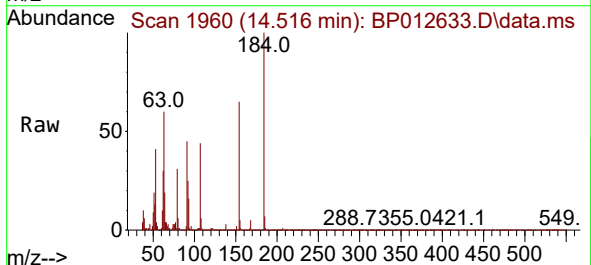
Instrument :
BNA_P
ClientSampleId :
2182MS

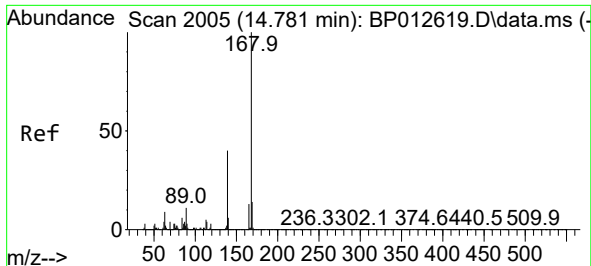
Tgt Ion:138 Resp: 476385
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 118.5 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 84.906 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:184 Resp: 825928
Ion Ratio Lower Upper
184 100
63 59.7 48.5 72.7
154 64.7 49.4 74.2

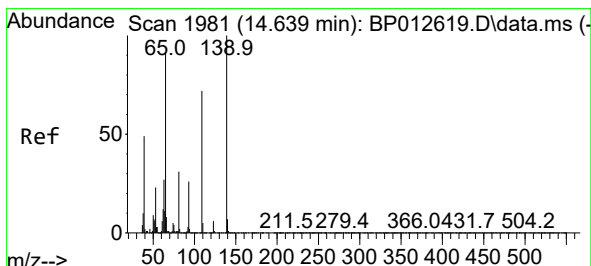
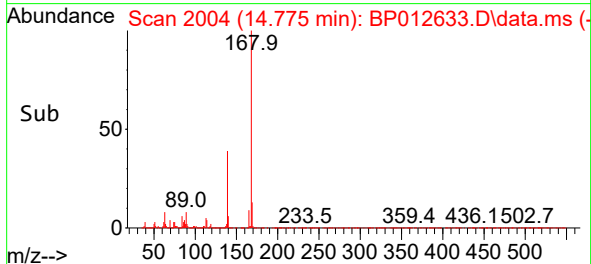
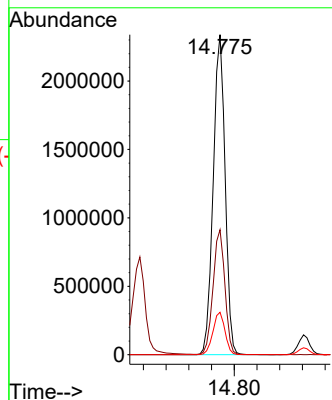
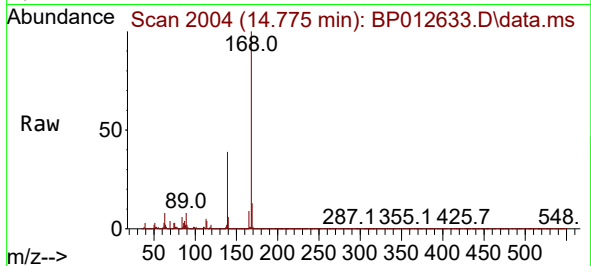




#55
Dibenzofuran
Concen: 47.024 ng
RT: 14.775 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

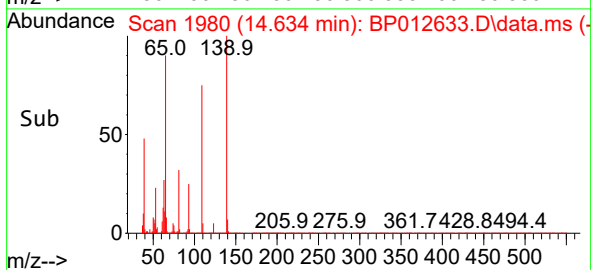
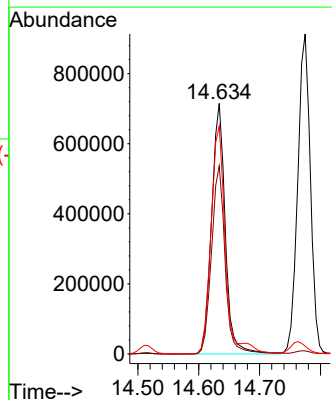
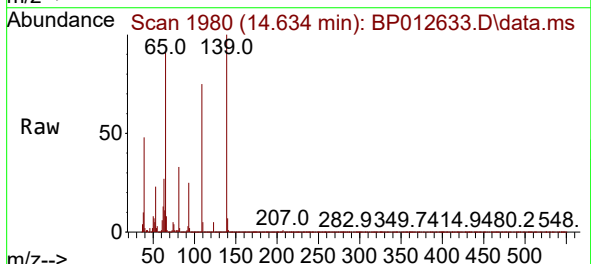
Instrument :
BNA_P
ClientSampleId :
2182MS

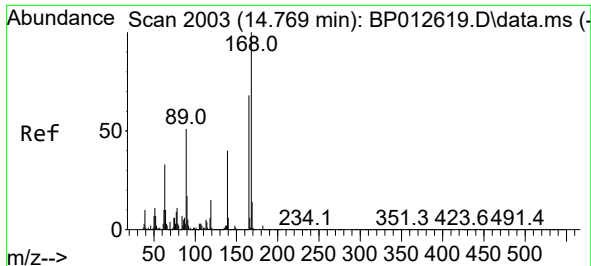
Tgt Ion:168 Resp: 3383175
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 91.196 ng
RT: 14.634 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:139 Resp: 1113816
Ion Ratio Lower Upper
139 100
109 75.1 52.1 92.1
65 91.0 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 50.600 ng

RT: 14.763 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

Tgt Ion:165 Resp: 890455

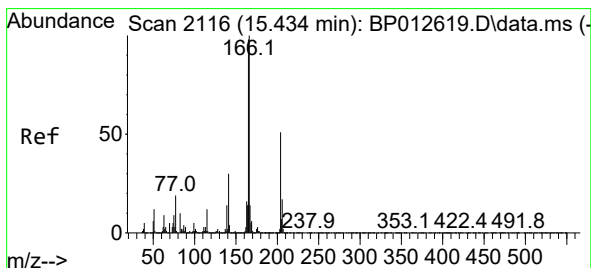
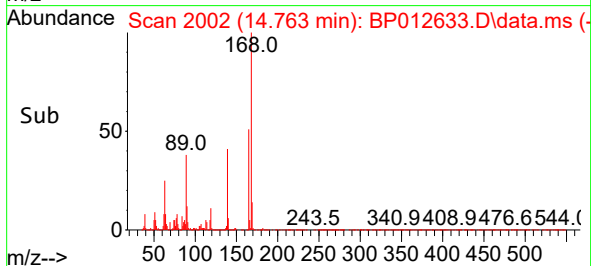
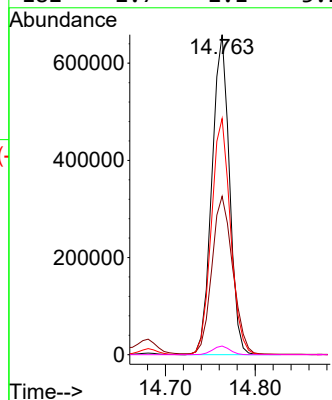
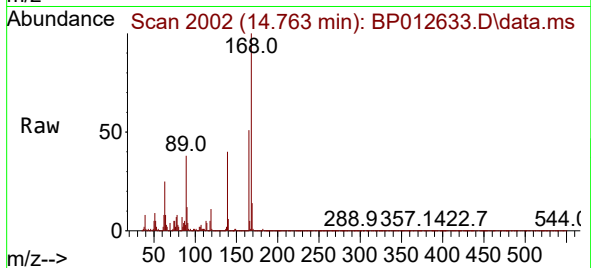
Ion Ratio Lower Upper

165 100

63 49.5 39.1 58.7

89 73.8 60.3 90.5

182 2.7 2.1 3.1



#58

Fluorene

Concen: 46.165 ng

RT: 15.428 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

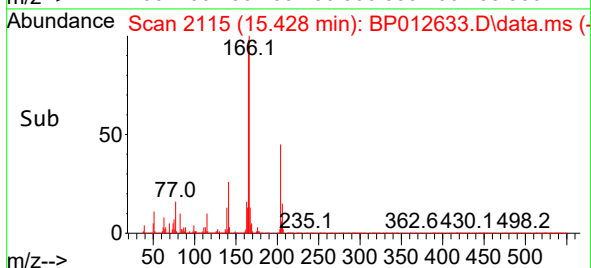
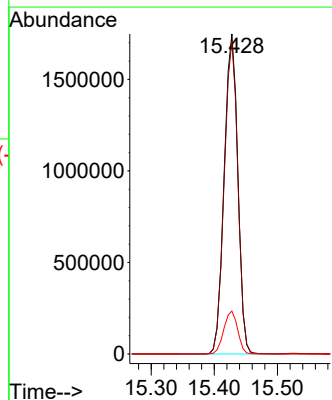
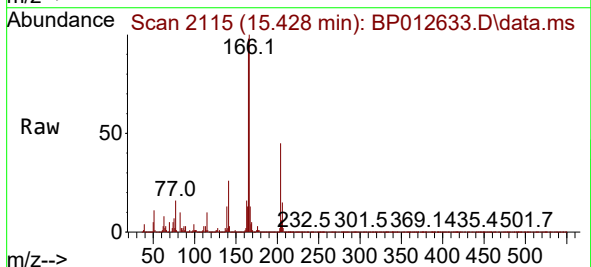
Tgt Ion:166 Resp: 2621859

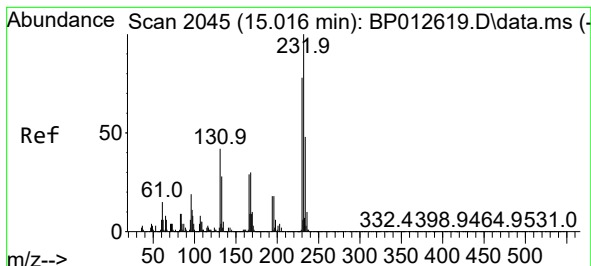
Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

167 13.4 11.0 16.4



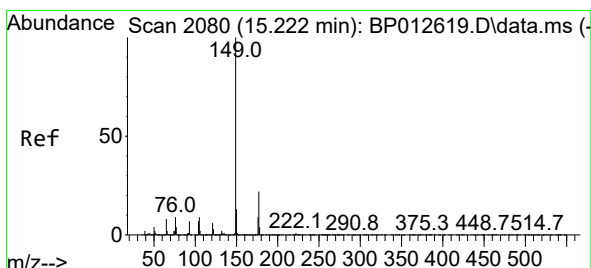
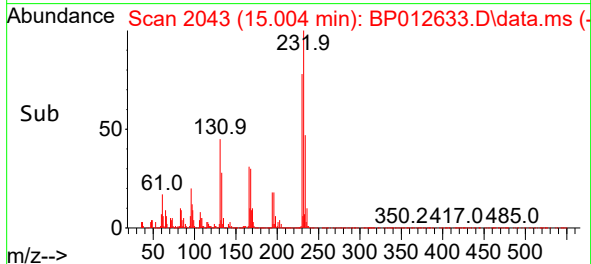
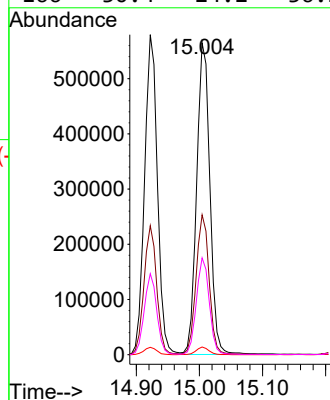
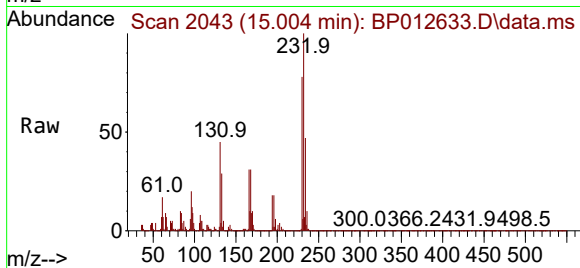


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.054 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Instrument :
BNA_P
ClientSampleId :
2182MS

Tgt Ion:232 Resp: 820351

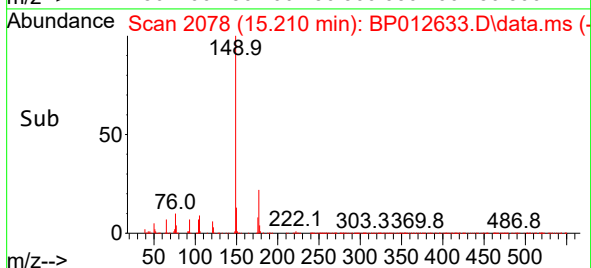
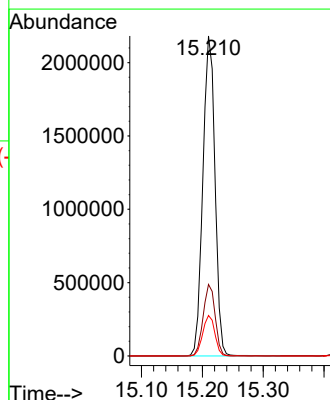
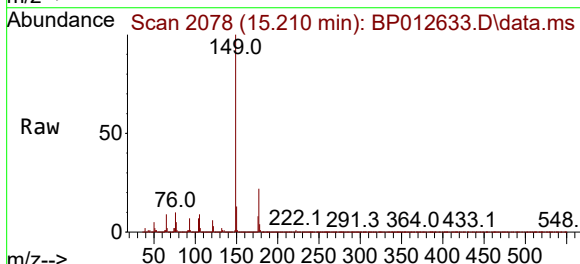
Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.5	53.3
130	2.3	1.8	2.8
166	30.4	24.2	36.2

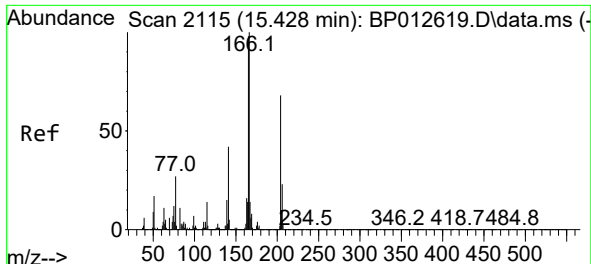


#60
Diethylphthalate
Concen: 46.988 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:149 Resp: 3011919

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.7	10.2	15.2

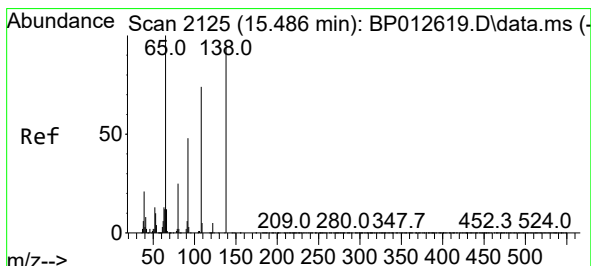
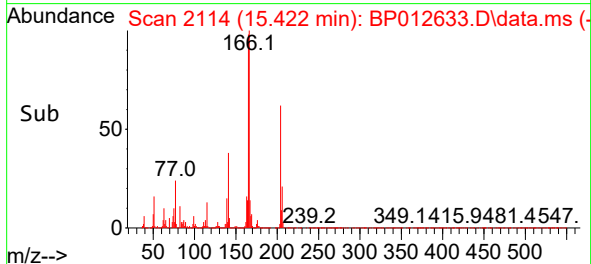
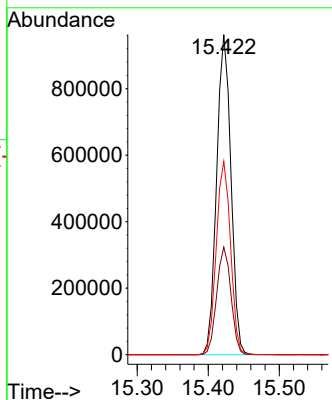
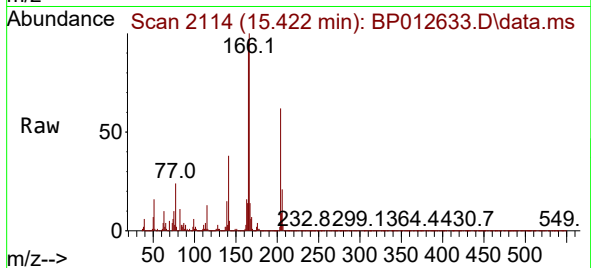




#61
4-Chlorophenyl-phenylether
Concen: 47.545 ng
RT: 15.422 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

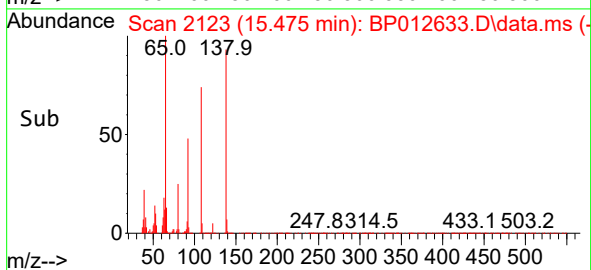
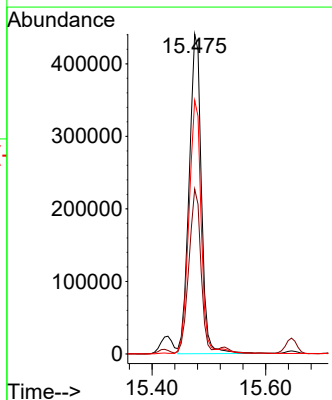
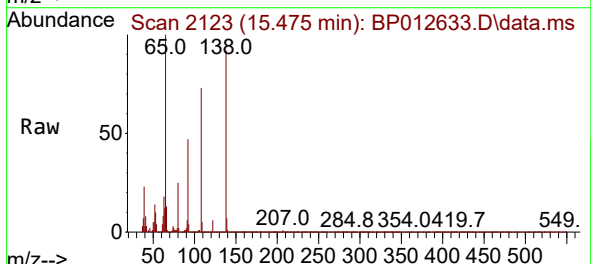
Instrument :
BNA_P
ClientSampleId :
2182MS

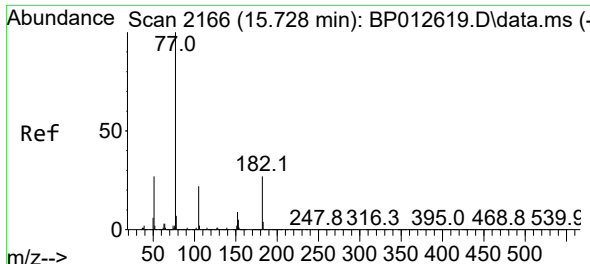
Tgt Ion:204 Resp: 1338442
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 60.4 49.7 74.5



#62
4-Nitroaniline
Concen: 43.203 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:138 Resp: 660464
Ion Ratio Lower Upper
138 100
92 51.5 30.6 70.6
108 79.2 58.0 98.0



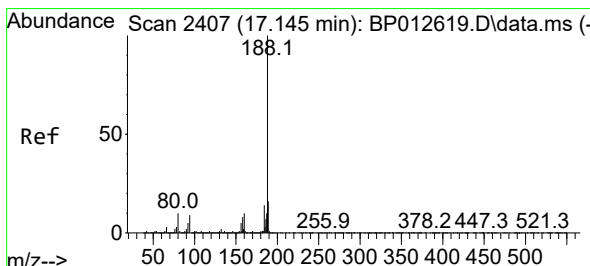
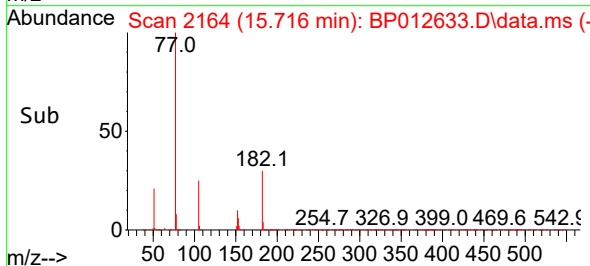
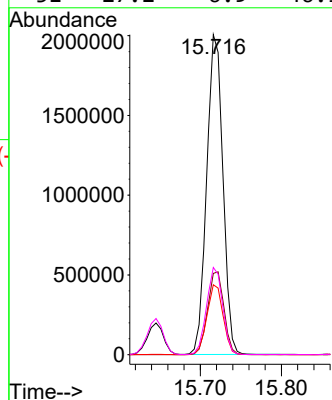
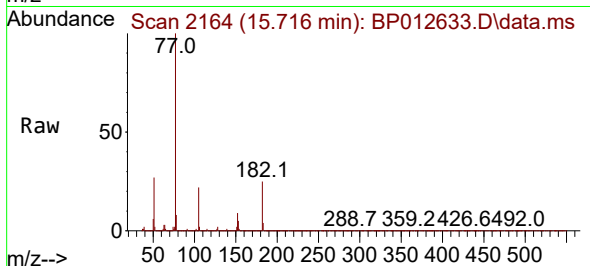


#63
Azobenzene
Concen: 48.309 ng
RT: 15.716 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Instrument :
BNA_P
ClientSampleId :
2182MS

Tgt Ion: 77 Resp: 2775772

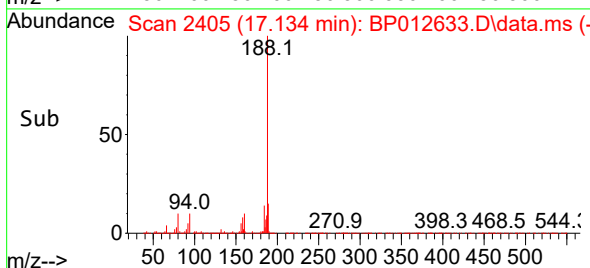
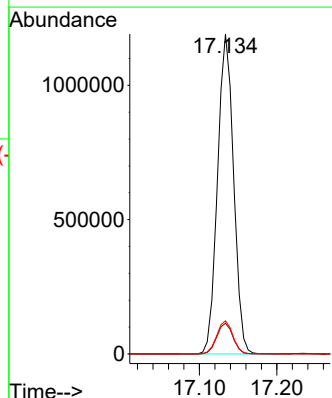
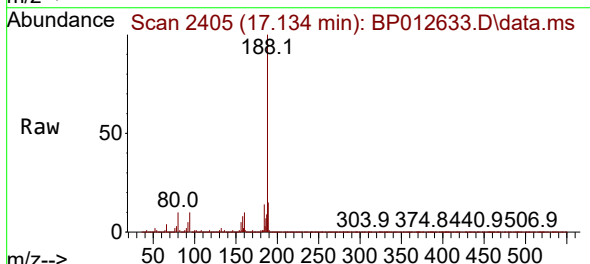
Ion	Ratio	Lower	Upper
77	100		
182	25.4	6.5	46.5
105	21.9	2.1	42.1
51	27.2	6.9	46.9

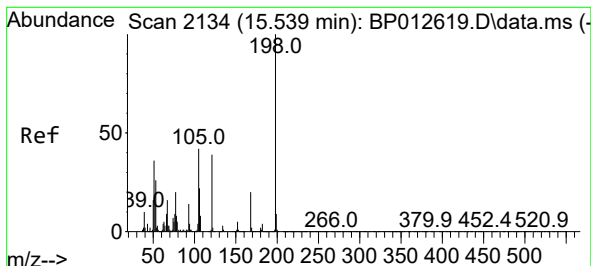


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion: 188 Resp: 1712208

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.4	8.2	12.2

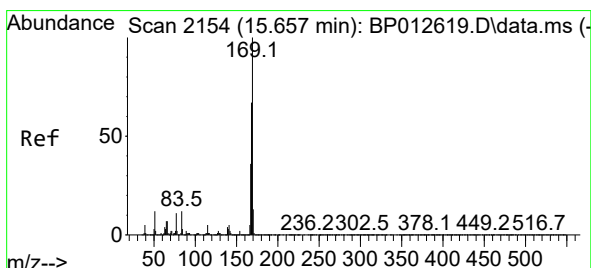
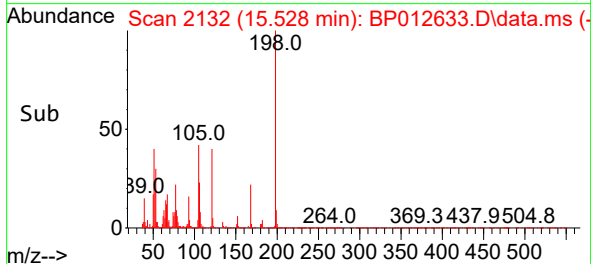
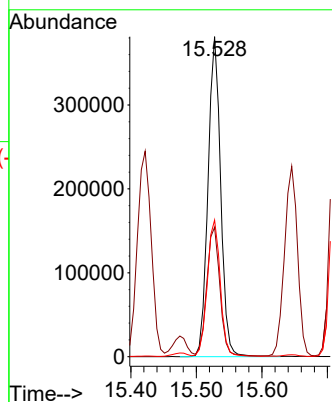
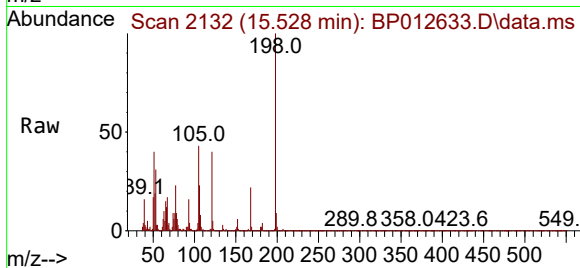




#65
4,6-Dinitro-2-methylphenol
Concen: 44.049 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

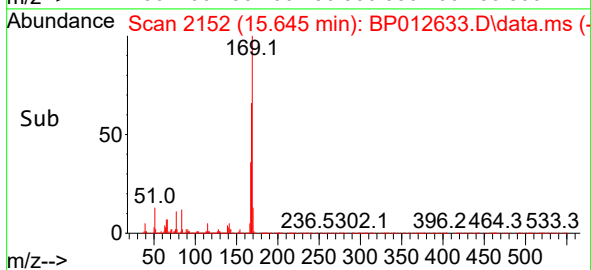
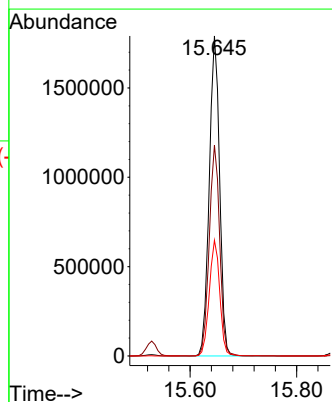
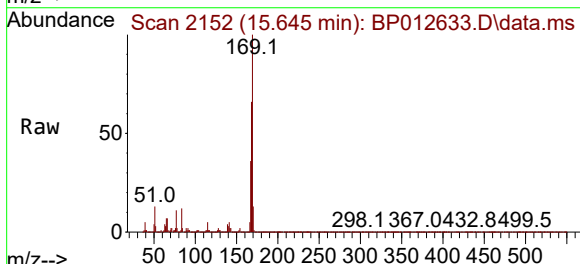
Instrument :
BNA_P
ClientSampleId :
2182MS

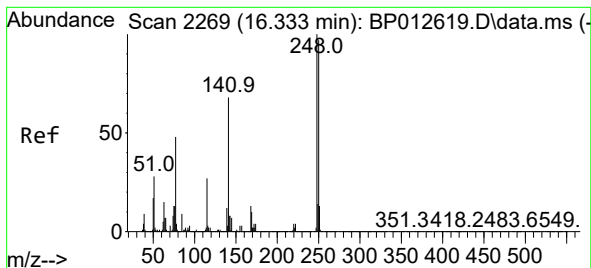
Tgt Ion:198 Resp: 512421
Ion Ratio Lower Upper
198 100
51 40.4 17.8 57.8
105 42.7 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 47.913 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:169 Resp: 2419859
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 36.1 29.1 43.7

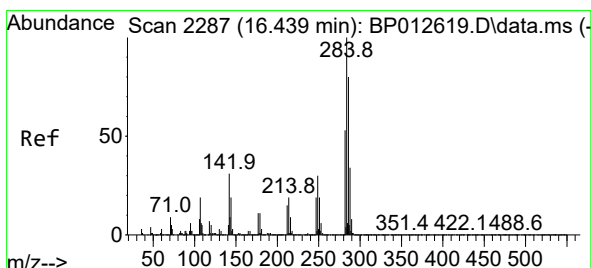
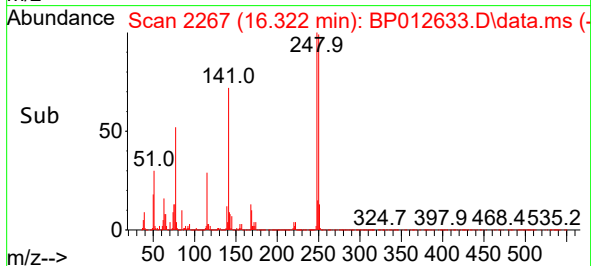
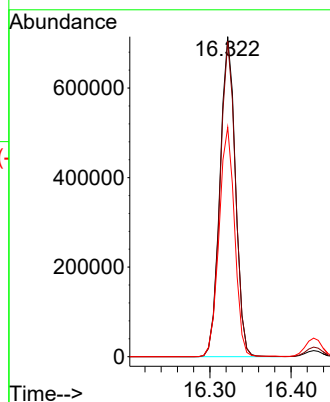
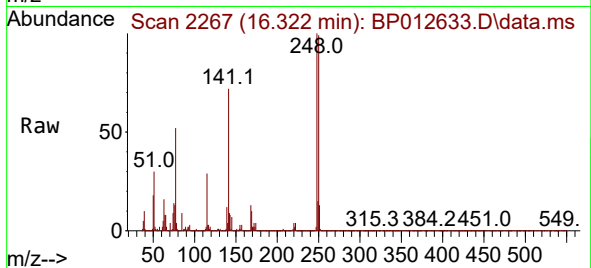




#67
4-Bromophenyl-phenylether
Concen: 49.251 ng
RT: 16.322 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

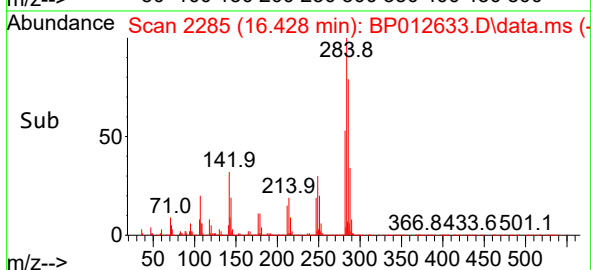
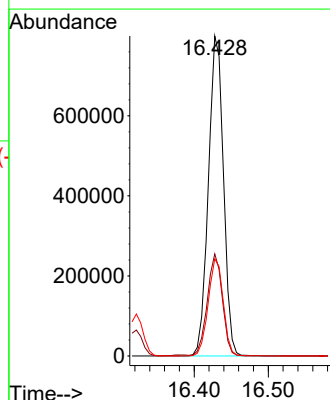
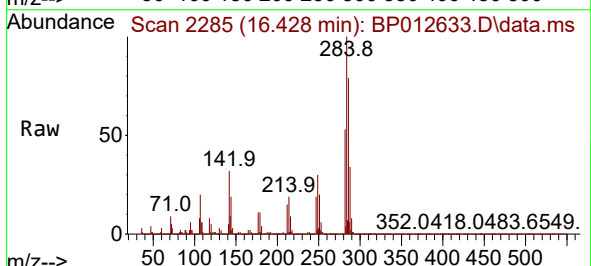
Instrument :
BNA_P
ClientSampleId :
2182MS

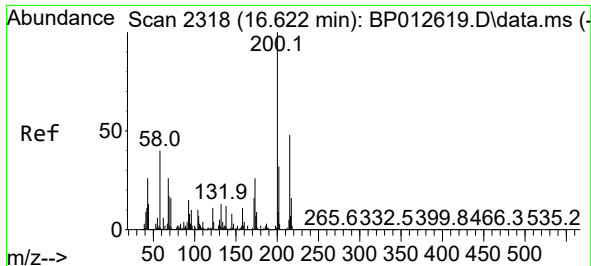
Tgt Ion:248 Resp: 947938
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 71.7 54.7 82.1



#68
Hexachlorobenzene
Concen: 49.134 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:284 Resp: 1128830
Ion Ratio Lower Upper
284 100
142 31.9 25.1 37.7
249 30.4 24.2 36.2

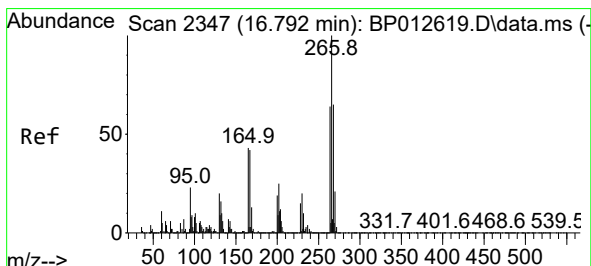
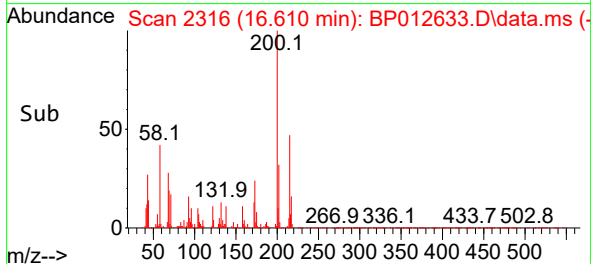
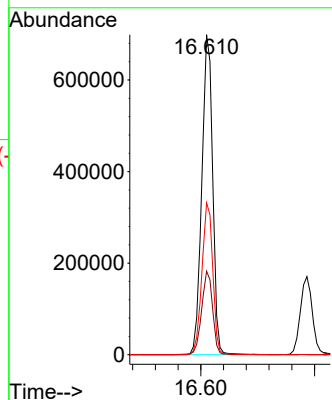
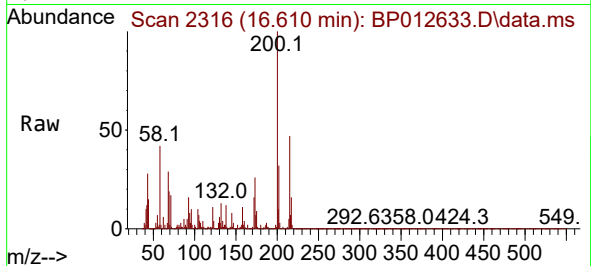




#69
 Atrazine
 Concen: 52.695 ng
 RT: 16.610 min Scan# 2182
 Delta R.T. -0.012 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

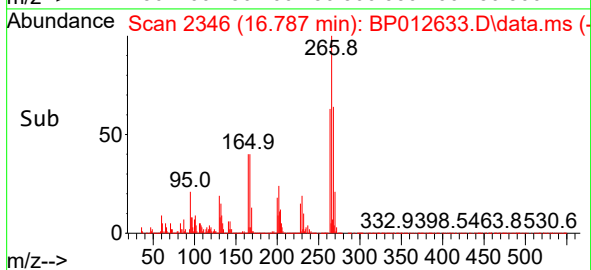
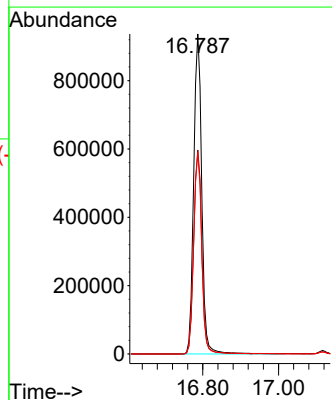
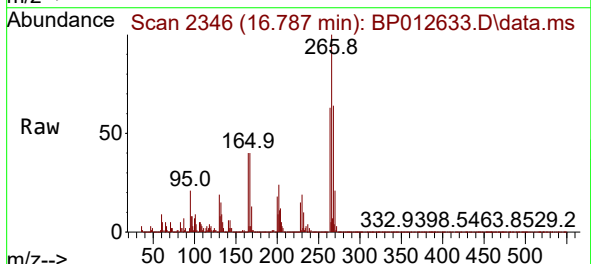
Instrument :
 BNA_P
 ClientSampleId :
 2182MS

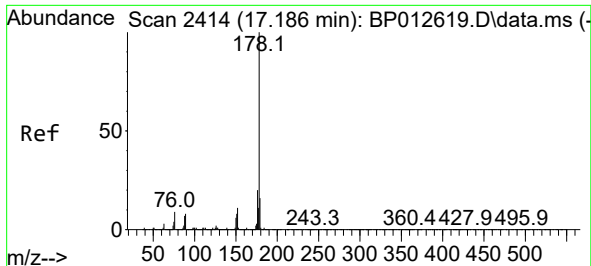
Tgt Ion:200 Resp: 928009
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.1 46.1
 215 47.5 28.2 68.2



#70
 Pentachlorophenol
 Concen: 98.235 ng
 RT: 16.787 min Scan# 2346
 Delta R.T. -0.006 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

Tgt Ion:266 Resp: 1392187
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.8 77.8
 264 63.0 51.4 77.2

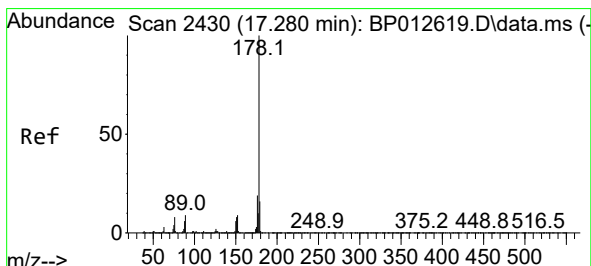
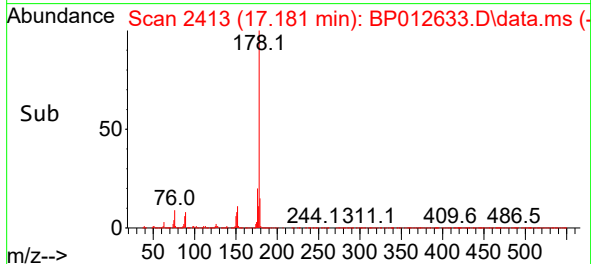
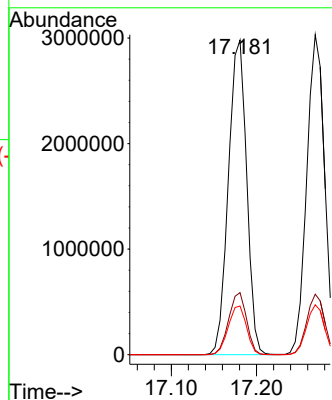
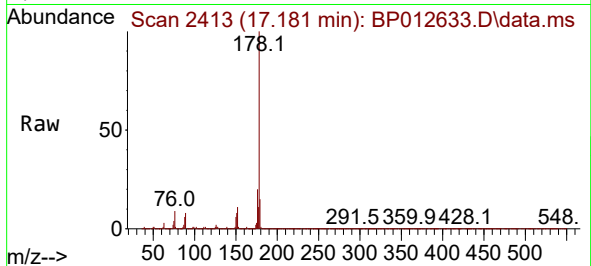




#71
Phenanthrene
Concen: 46.984 ng
RT: 17.181 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

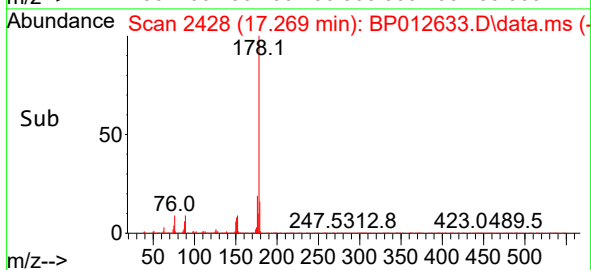
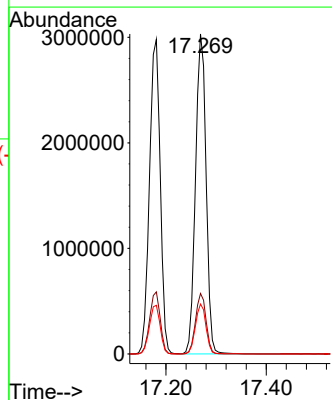
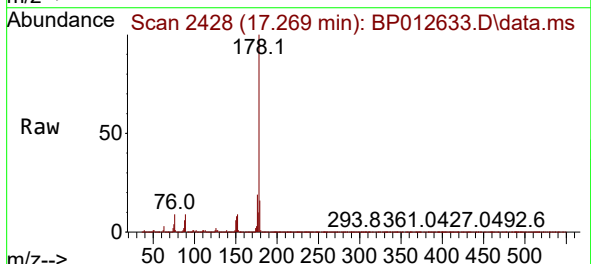
Instrument :
BNA_P
ClientSampleId :
2182MS

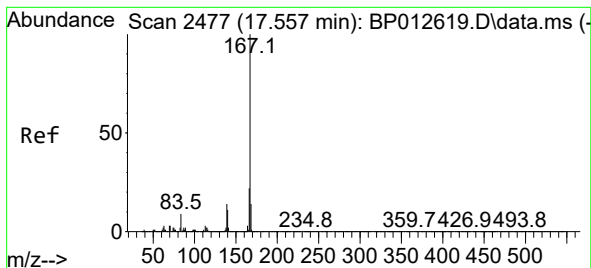
Tgt Ion:178 Resp: 4434471
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.6 18.8



#72
Anthracene
Concen: 48.868 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:178 Resp: 4425198
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.5 18.7





#73

Carbazole

Concen: 49.808 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

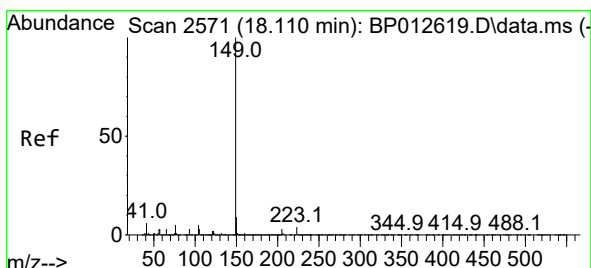
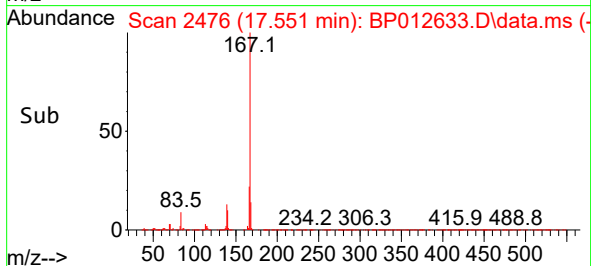
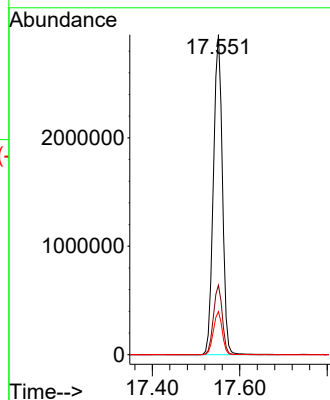
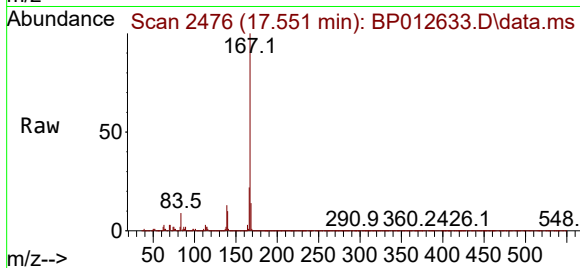
Tgt Ion:167 Resp: 4223740

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 49.442 ng

RT: 18.098 min Scan# 2569

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

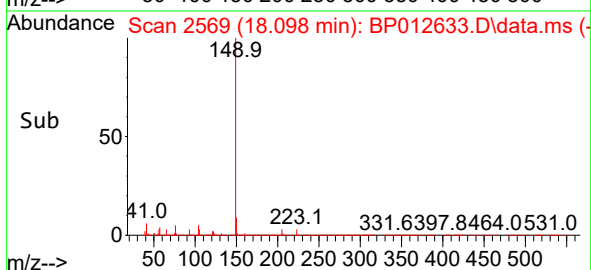
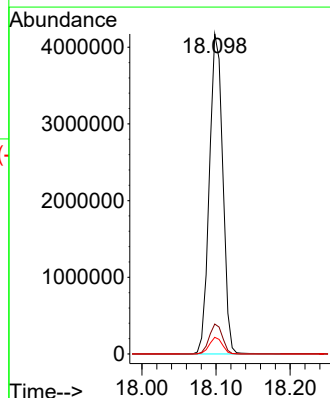
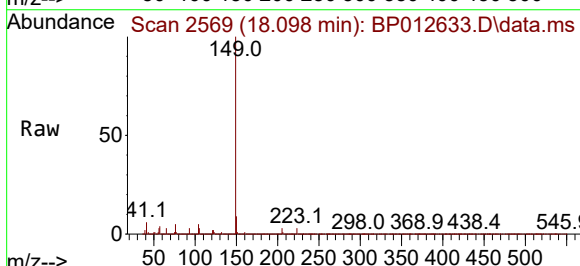
Tgt Ion:149 Resp: 5235879

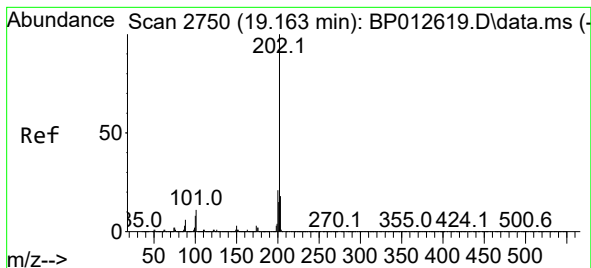
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 47.347 ng

RT: 19.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

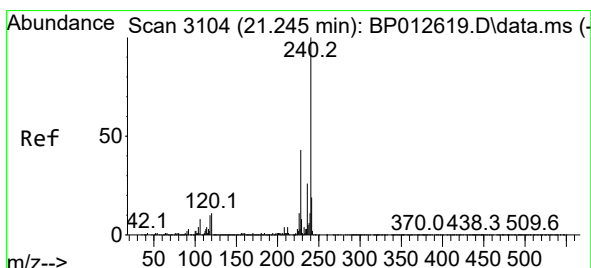
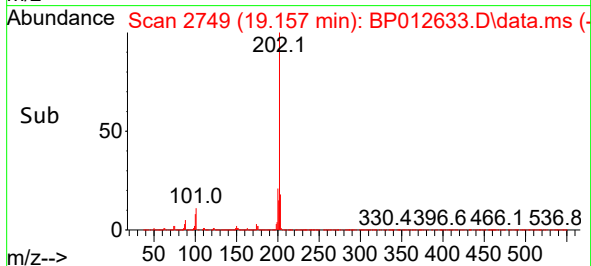
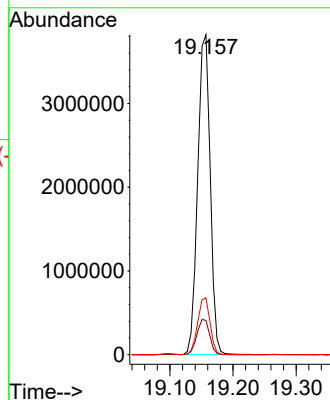
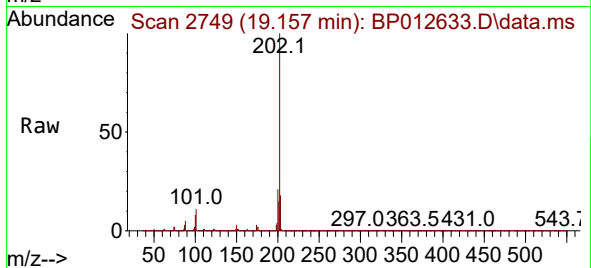
Tgt Ion:202 Resp: 5237247

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.1

203 17.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

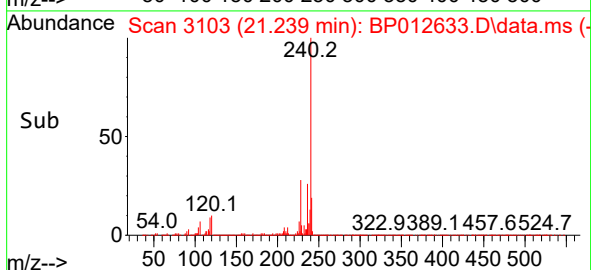
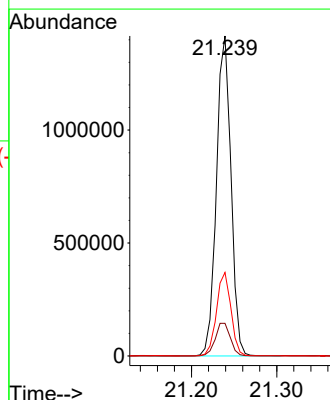
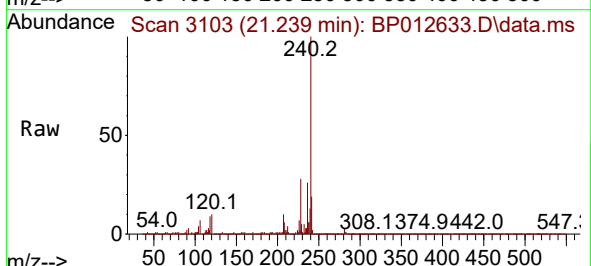
Tgt Ion:240 Resp: 1679822

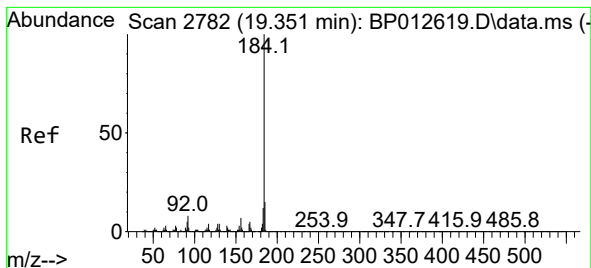
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 26.1 20.8 31.2





#77

Benzidine

Concen: 8.995 ng

RT: 19.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

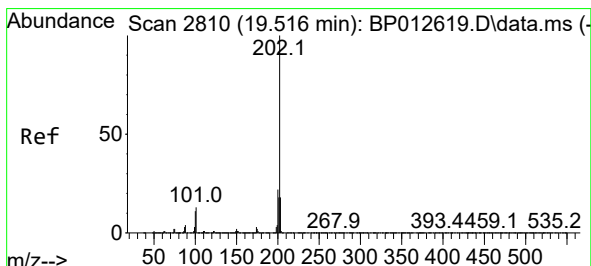
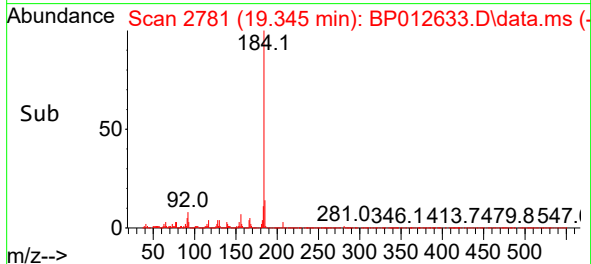
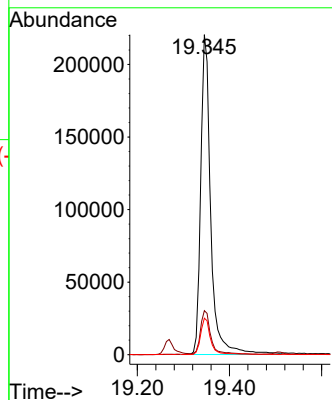
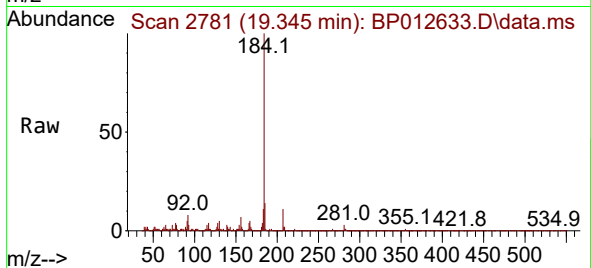
Tgt Ion:184 Resp: 333349

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 11.4 9.3 13.9



#78

Pyrene

Concen: 47.363 ng

RT: 19.510 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

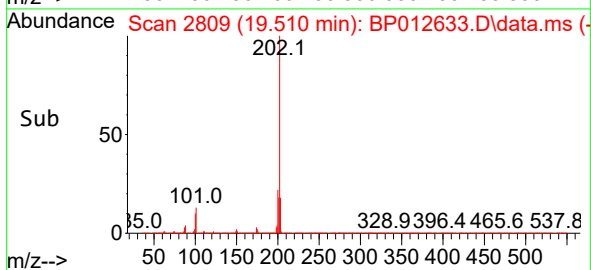
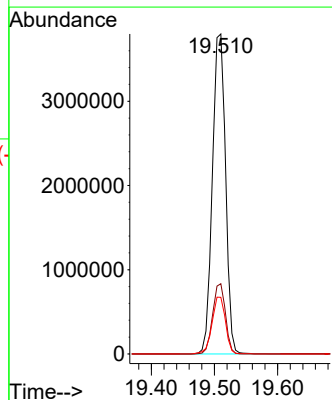
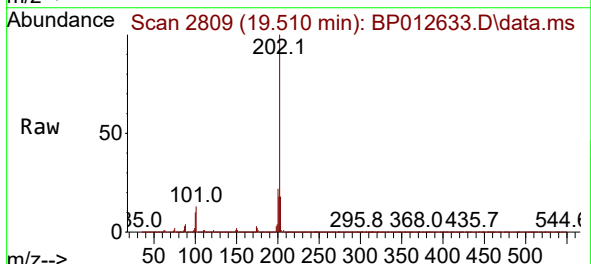
Tgt Ion:202 Resp: 5488681

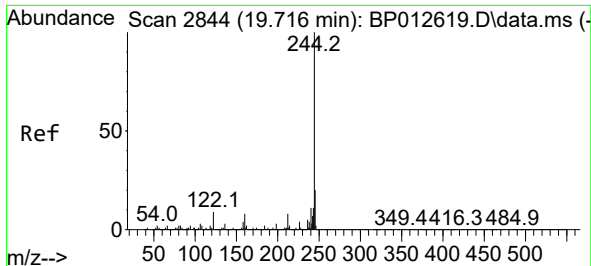
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

203 17.7 14.3 21.5

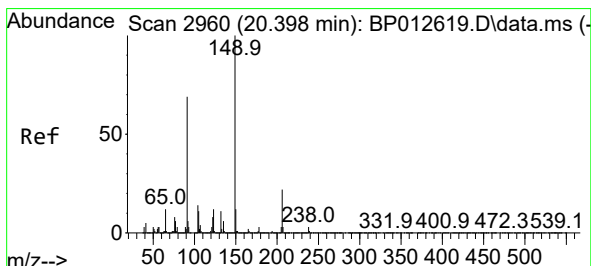
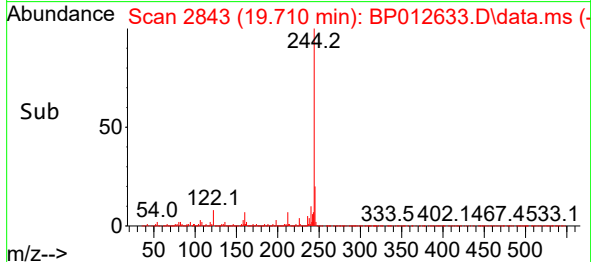
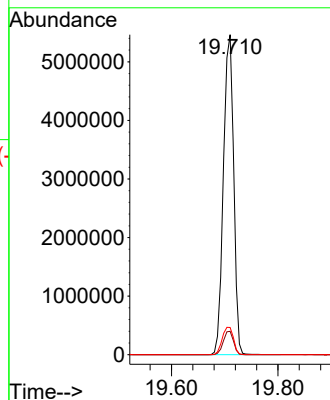
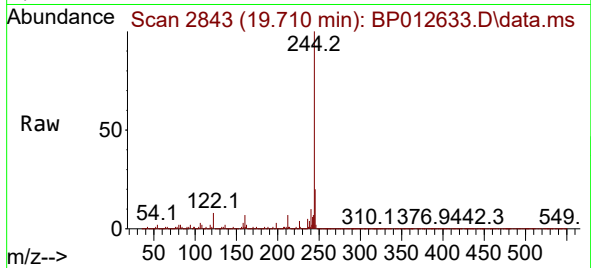




#79
 Terphenyl-d14
 Concen: 87.931 ng
 RT: 19.710 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

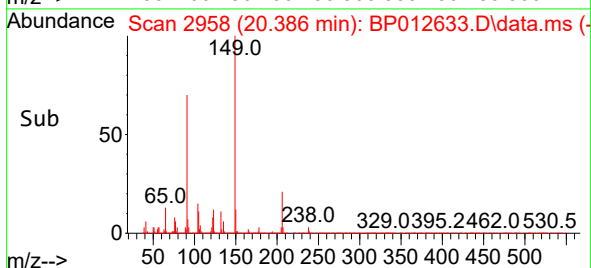
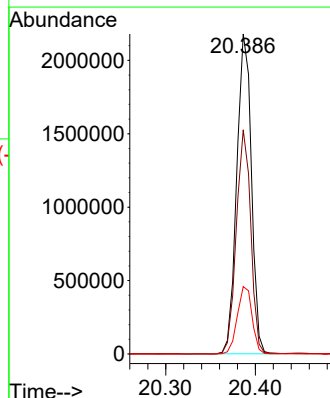
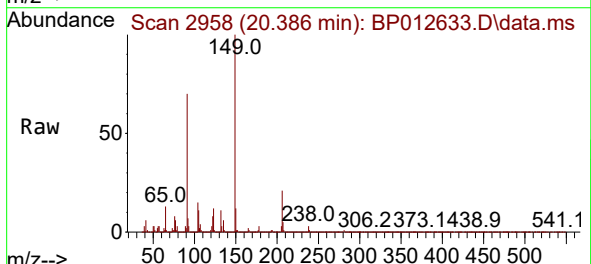
Instrument :
 BNA_P
 ClientSampleId :
 2182MS

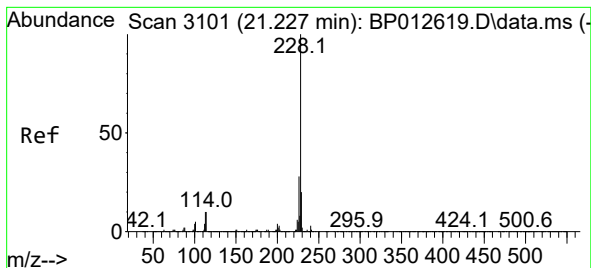
Tgt Ion:244 Resp: 7290918
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.5 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 50.271 ng
 RT: 20.386 min Scan# 2958
 Delta R.T. -0.012 min
 Lab File: BP012633.D
 Acq: 12 Nov 2022 23:05

Tgt Ion:149 Resp: 2467341
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.0 82.4
 206 21.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.907 ng

RT: 21.222 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

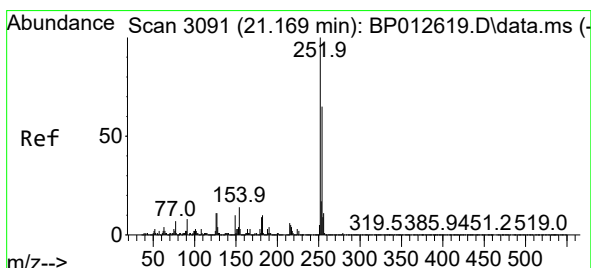
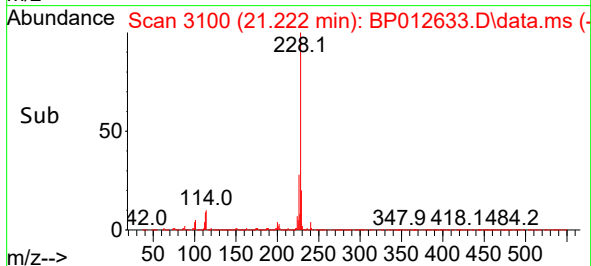
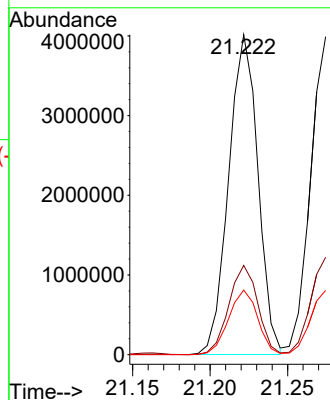
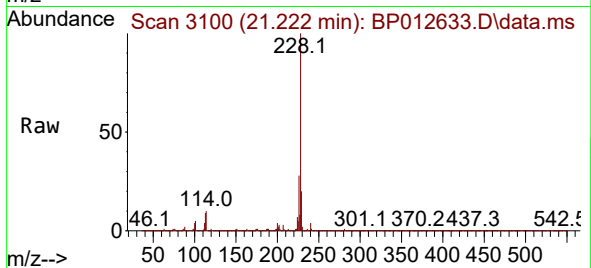
Tgt Ion:228 Resp: 5268797

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 20.2 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 39.272 ng

RT: 21.163 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

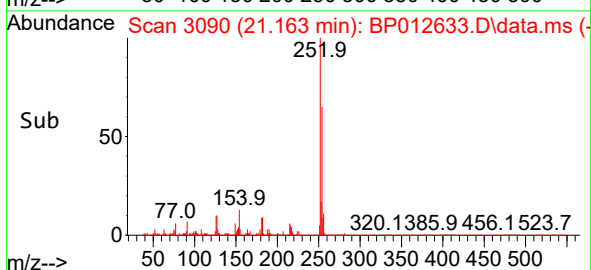
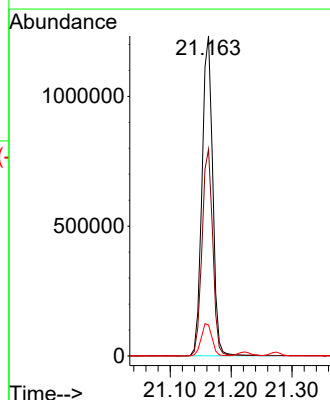
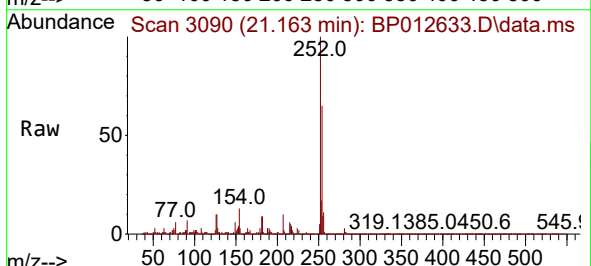
Tgt Ion:252 Resp: 1506361

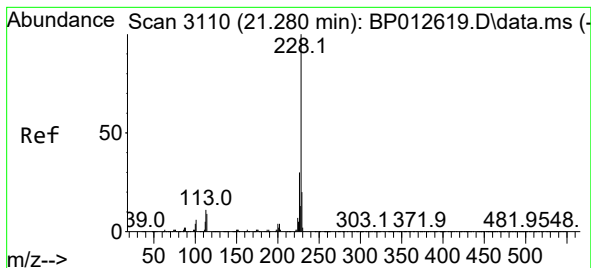
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 9.7 8.7 13.1





#83

Chrysene

Concen: 46.231 ng

RT: 21.275 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

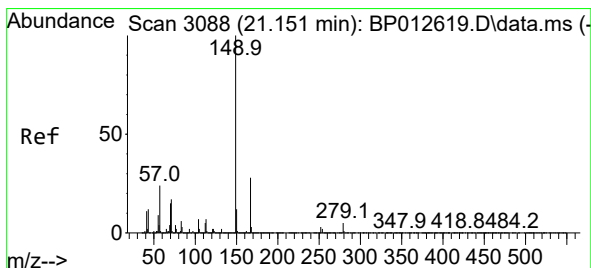
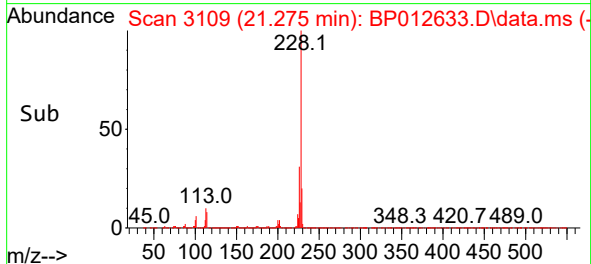
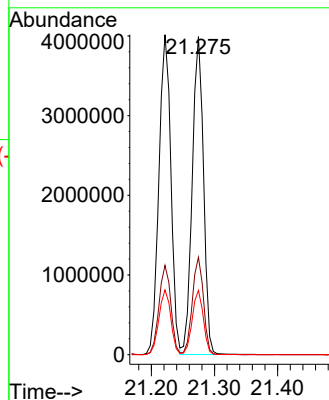
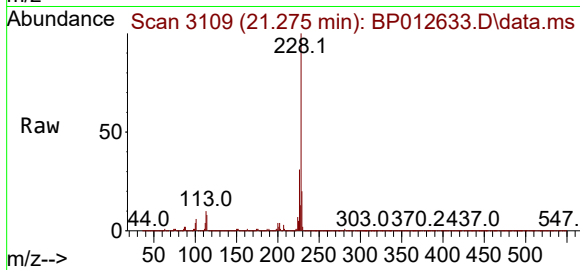
Tgt Ion:228 Resp: 4949644

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.912 ng

RT: 21.145 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

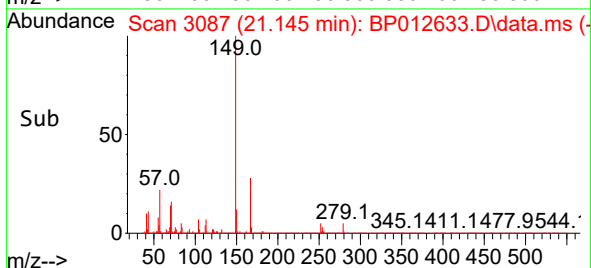
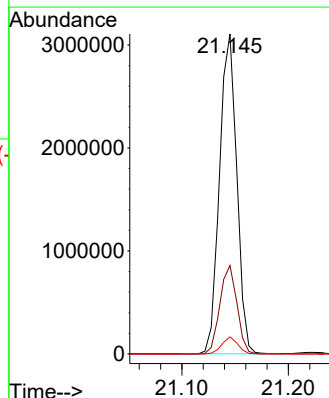
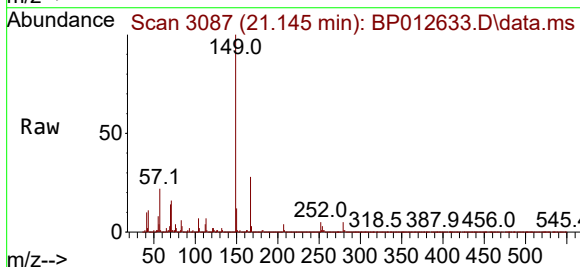
Tgt Ion:149 Resp: 3484738

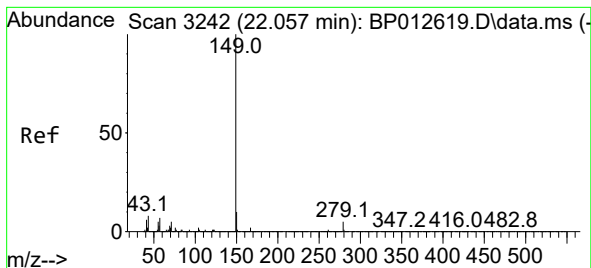
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 52.561 ng

RT: 22.051 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

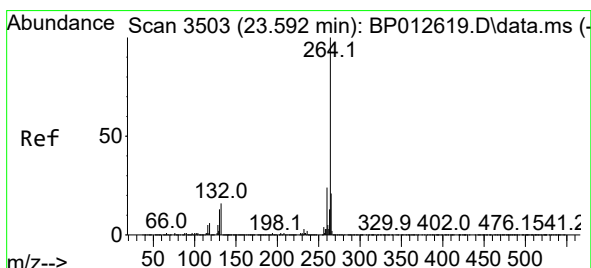
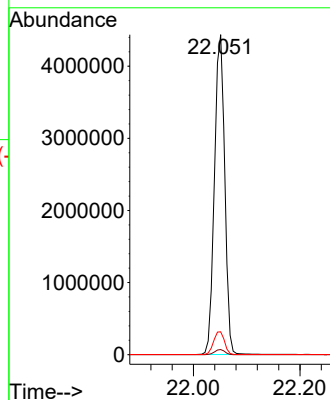
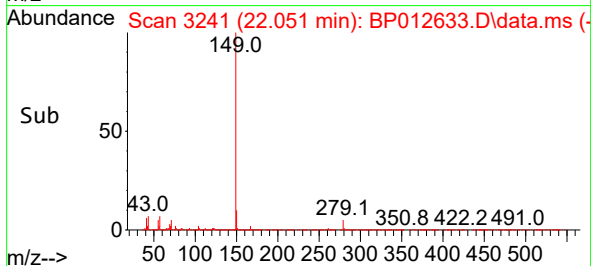
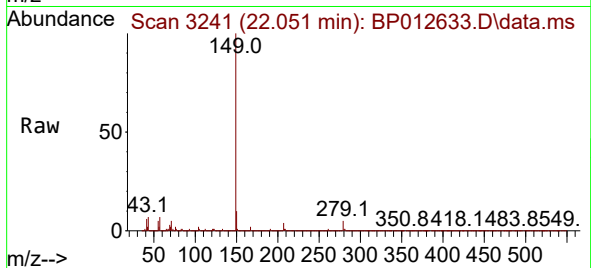
Tgt Ion:149 Resp: 5951899

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

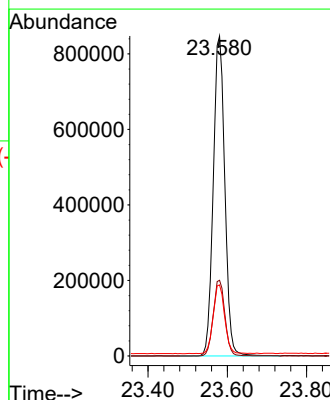
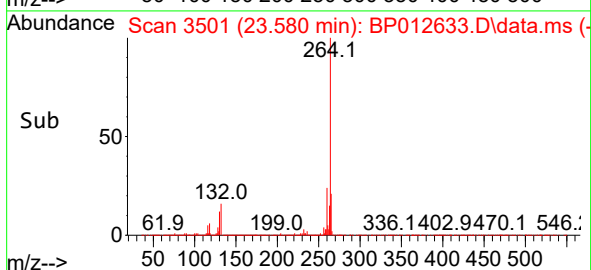
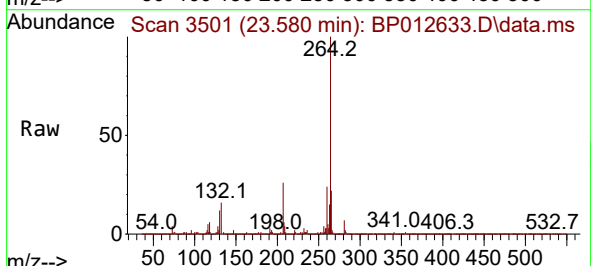
Tgt Ion:264 Resp: 1711247

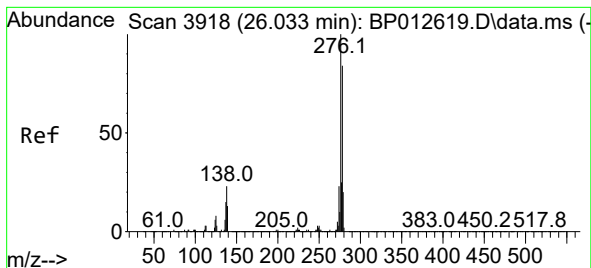
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.046 ng

RT: 26.015 min Scan# 3915

Delta R.T. -0.017 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

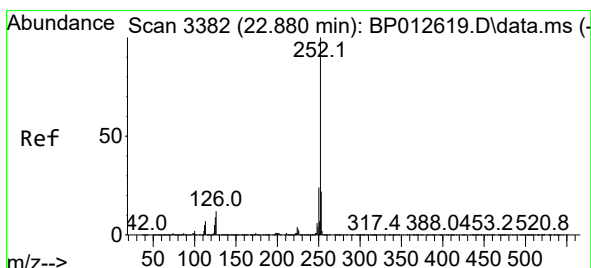
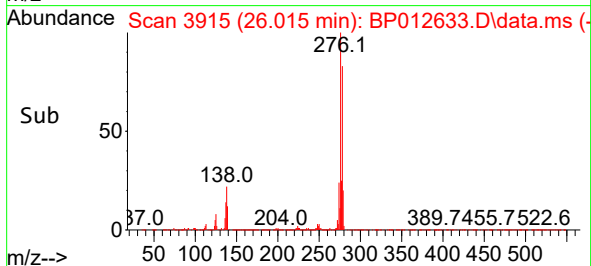
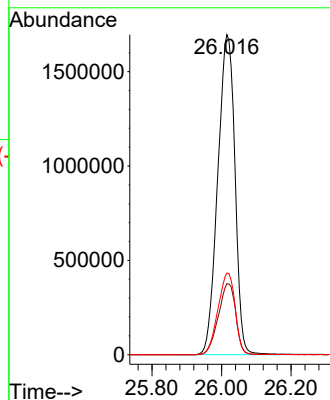
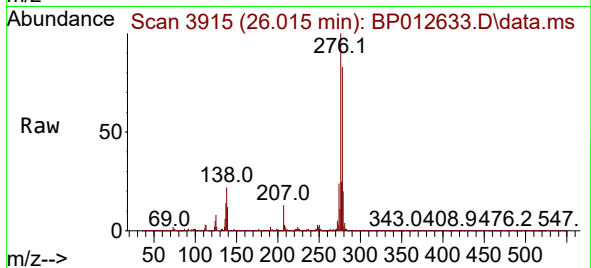
Tgt Ion:276 Resp: 5826355

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: 51.810 ng

RT: 22.869 min Scan# 3380

Delta R.T. -0.012 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

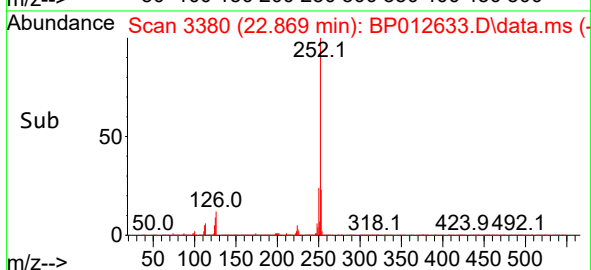
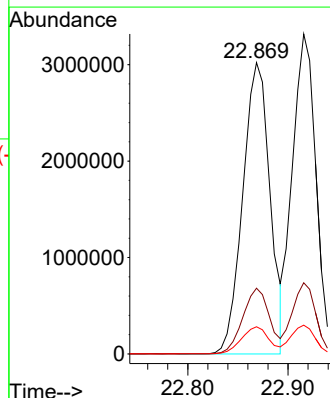
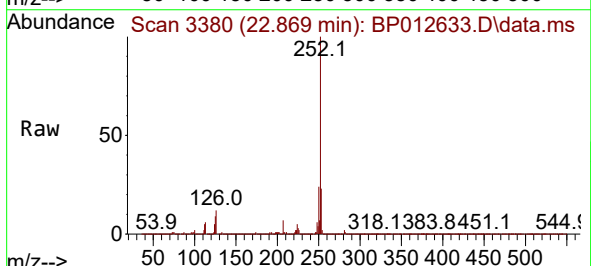
Tgt Ion:252 Resp: 5703833

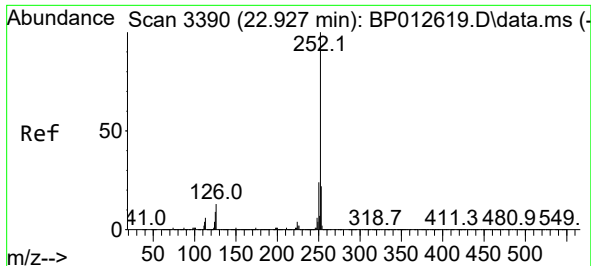
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 9.3 7.6 11.4

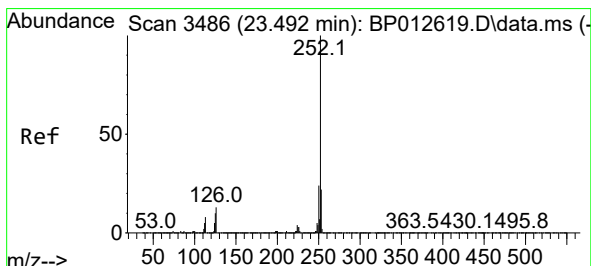
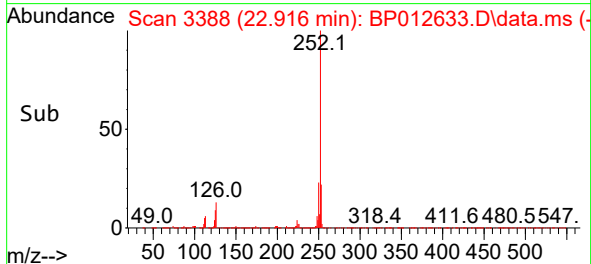
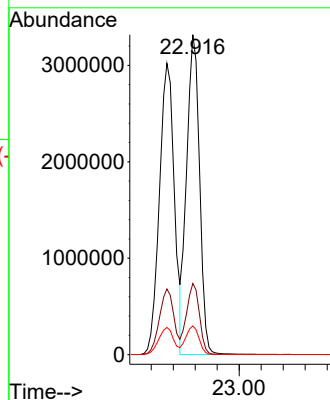
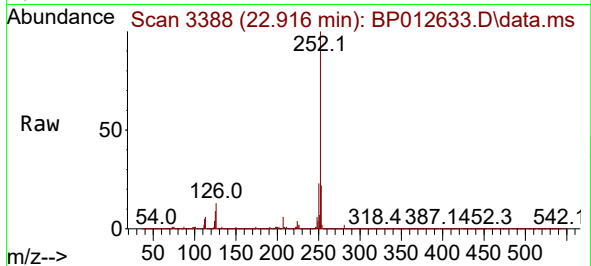




#89
Benzo(k)fluoranthene
Concen: 50.463 ng
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

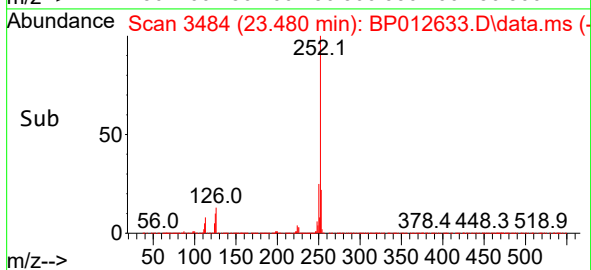
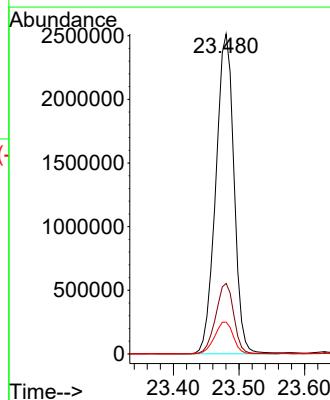
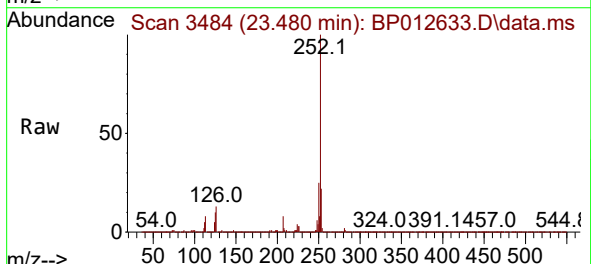
Instrument :
BNA_P
ClientSampleId :
2182MS

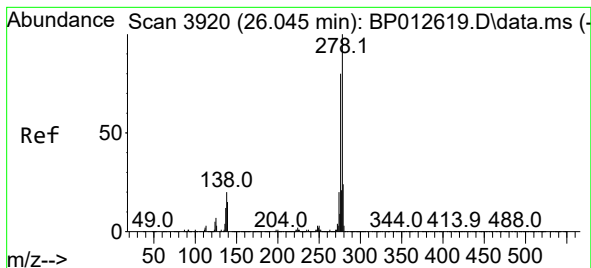
Tgt Ion:252 Resp: 5420690
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 53.592 ng
RT: 23.480 min Scan# 3484
Delta R.T. -0.012 min
Lab File: BP012633.D
Acq: 12 Nov 2022 23:05

Tgt Ion:252 Resp: 4817957
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.0 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 49.728 ng

RT: 26.027 min Scan# 3917

Delta R.T. -0.017 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Instrument :

BNA_P

ClientSampleId :

2182MS

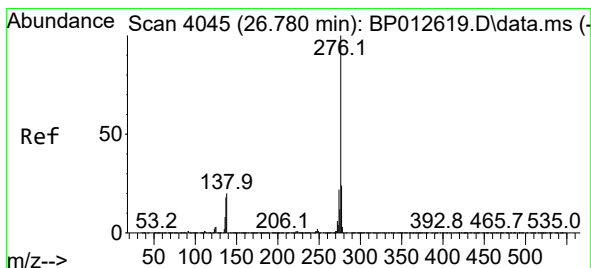
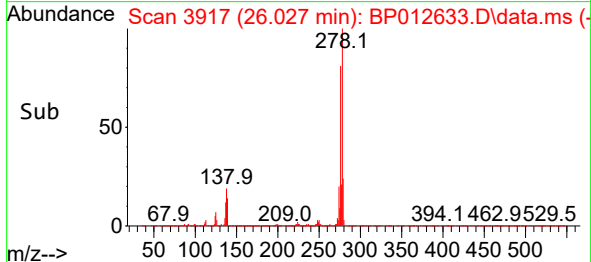
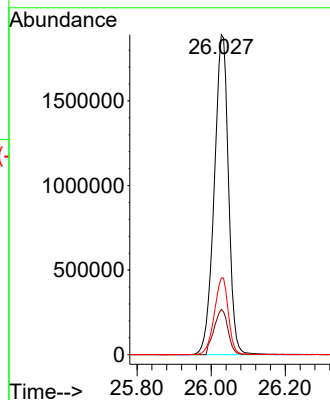
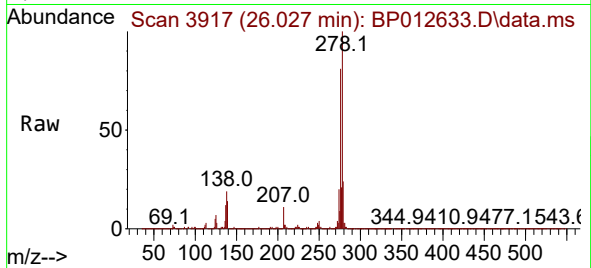
Tgt Ion:278 Resp: 5040509

Ion Ratio Lower Upper

278 100

139 14.1 11.8 17.8

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.339 ng

RT: 26.763 min Scan# 4042

Delta R.T. -0.017 min

Lab File: BP012633.D

Acq: 12 Nov 2022 23:05

Tgt Ion:276 Resp: 4883235

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 19.4 16.2 24.4

