

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018771.D
 Acq On : 12 Dec 2023 16:53
 Operator : MA/JU
 Sample : PB157686BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 21:39:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	173520	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	654421	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	432968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1030523	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1111102	20.000	ng/u1	# 0.00
88) Perylene-d12	23.669	264	1280030	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25412	4.991	ng/uL	0.00
4) Pyridine-d5	3.681	84	332452	24.375	ng/u1	0.00
7) Phenol-d5	7.011	99	412789	23.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	240375	23.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	336442	24.761	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	328796	23.332	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	159858	27.446	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	177224	29.348	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	357397	28.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	411884	25.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1077607	27.886	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1161126	27.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	190572	30.044	ng/u1	0.00
60) Fluorene-d10	15.463	176	899840	27.741	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	185235	29.978	ng/u1	0.00
73) Anthracene-d10	17.316	188	1455982	26.875	ng/u1	0.00
81) Pyrene-d10	19.551	212	1894462	21.904	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2115616	28.346	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	53109	9.511	ng/uL	97
5) Pyridine	3.699	79	341782	24.815	ng/u1	98
6) Benzaldehyde	6.981	77	209700	23.325	ng/u1	100
8) Phenol	7.040	94	424630	24.866	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.269	93	338719	24.152	ng/u1	98
12) 2-Chlorophenol	7.405	128	342434	24.901	ng/u1	97
13) 2-Methylphenol	8.287	108	314036	24.021	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.369	45	402663	22.628	ng/u1	98
16) Acetophenone	8.669	105	518715	24.698	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.658	70	246031	21.294	ng/u1	98
18) 4-Methylphenol	8.616	108	340501	23.852	ng/u1	99
19) Hexachloroethane	8.916	117	150917	26.770	ng/u1	86
22) Nitrobenzene	9.046	77	396715	28.014	ng/u1	99
23) Isophorone	9.569	82	726287	25.154	ng/u1	97
25) 2-Nitrophenol	9.752	139	191670	29.644	ng/u1#	91
26) 2,4-Dimethylphenol	9.816	107	303702	24.017	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.058	93	446975	24.520	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	351068	29.517	ng/u1	99
30) Naphthalene	10.687	128	1059203	26.680	ng/u1	99
32) 4-Chloroaniline	10.799	127	344560	22.403	ng/u1	100
33) Hexachlorobutadiene	10.969	225	283437	35.583	ng/u1	99
34) Caprolactam	11.581	113	83118	22.791	ng/u1	90
35) 4-Chloro-3-methylphenol	11.928	107	369123	27.704	ng/u1	97
36) 2-Methylnaphthalene	12.293	142	747637	26.583	ng/u1	100

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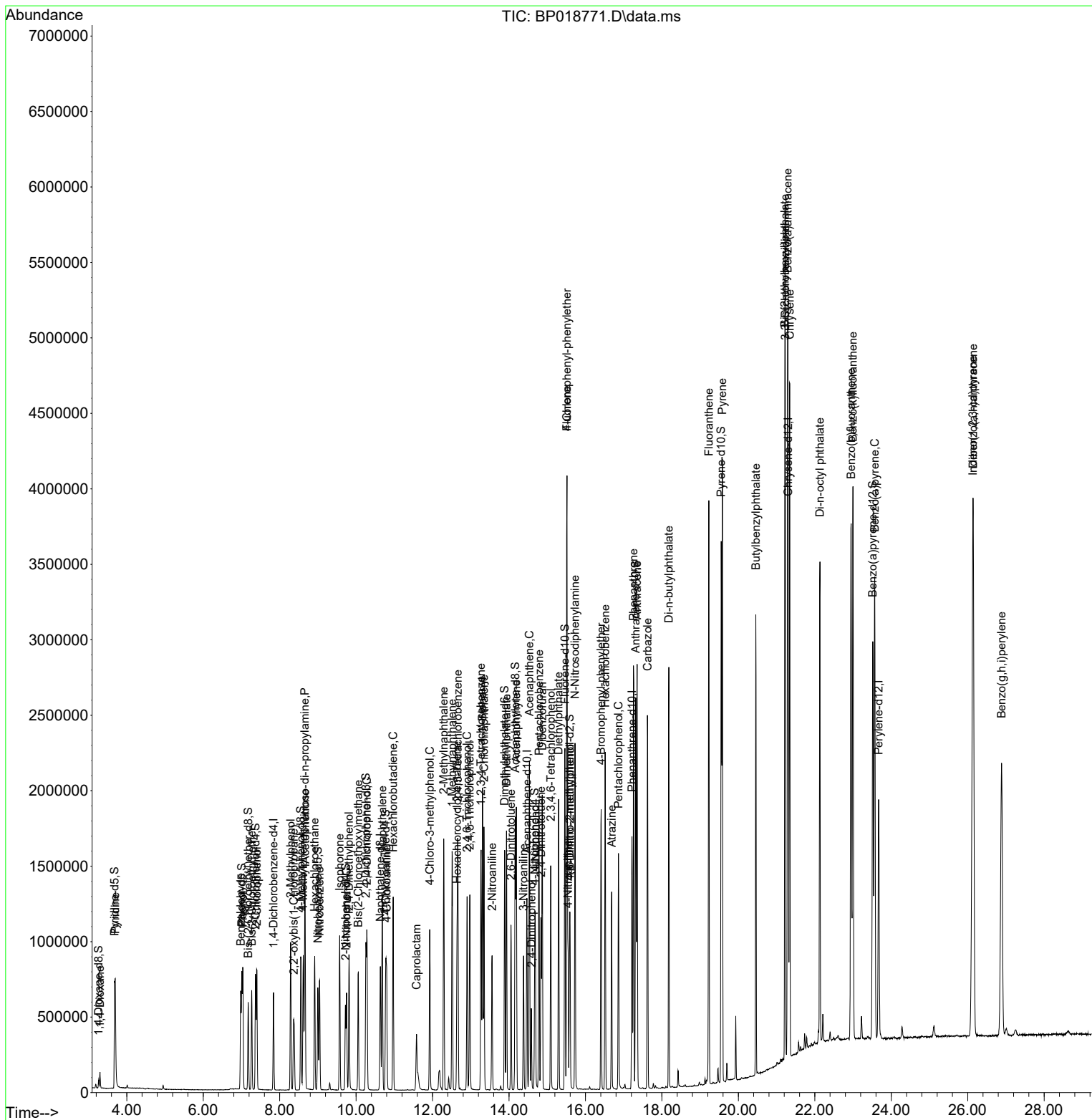
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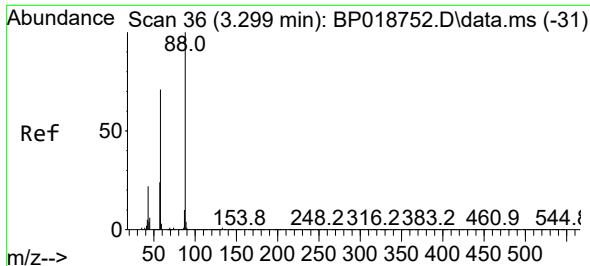
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	734550	25.862	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	501916	31.951	ng/ul	97
40) Hexachlorocyclopentadiene	12.640	237	258554	27.769	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	308373	30.516	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	340030	31.038	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	1010737	26.992	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	823730	27.852	ng/ul	98
45) 2-Nitroaniline	13.557	65	229328	28.603	ng/ul	99
47) Dimethylphthalate	13.934	163	1090807	28.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	226047	31.454	ng/ul	98
50) Acenaphthylene	14.193	152	1302843	27.233	ng/ul	99
51) 3-Nitroaniline	14.381	138	209221	29.164	ng/ul	98
52) Acenaphthene	14.534	153	862336	27.262	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	121713	31.956	ng/ul	92
55) 4-Nitrophenol	14.687	109	179629	37.483	ng/ul	81
56) Dibenzofuran	14.869	168	1241627	28.242	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	329811	32.625	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	301483	32.807	ng/ul	94
59) Diethylphthalate	15.298	149	1083221	29.101	ng/ul	99
61) Fluorene	15.516	166	1007803	28.971	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	569492	31.214	ng/ul	96
63) 4-Nitroaniline	15.546	138	221610	32.426	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	205343	31.083	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	873257	25.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	391064	30.059	ng/ul	95
69) Hexachlorobenzene	16.516	284	474994	32.701	ng/ul	96
70) Atrazine	16.687	200	253661	24.985	ng/ul	98
71) Pentachlorophenol	16.863	266	284547	32.938	ng/ul	100
72) Phenanthrene	17.257	178	1722322	27.673	ng/ul	99
74) Anthracene	17.351	178	1700409	27.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	502483	28.200	ng/uL	99
76) Pentachlorobenzene	14.787	250	525376	30.016	ng/uL	99
77) Carbazole	17.622	167	1545412	31.081	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1896426	28.644	ng/ul	100
80) Fluoranthene	19.228	202	2248041	21.989	ng/ul#	92
82) Pyrene	19.581	202	2303441	22.334	ng/ul#	90
83) Butylbenzylphthalate	20.457	149	896693	23.749	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.228	252	799211	29.599	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2528014	28.031	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1308580	25.215	ng/ul	99
87) Chrysene	21.345	228	2314712	27.871	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2314908	24.769	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2712923	28.745	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2541806	27.835	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2448436	28.392	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.133	276	3139241	30.468	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.145	278	2599020	30.323	ng/ul#	95
96) Benzo(g,h,i)perylene	26.886	276	2528265	30.491	ng/ul#	93

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

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Response via : Initial Calibration

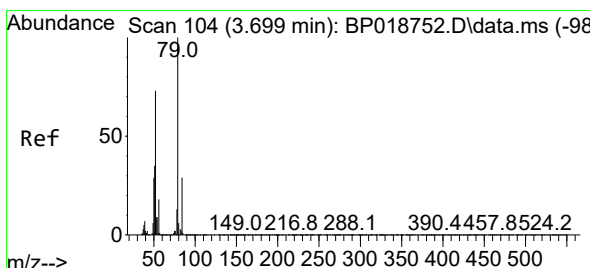
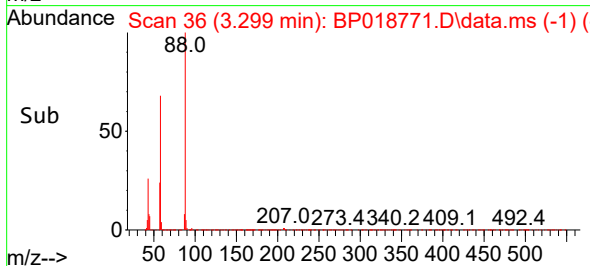
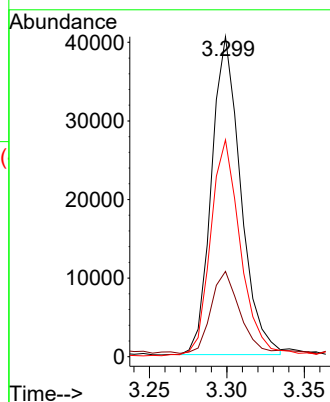
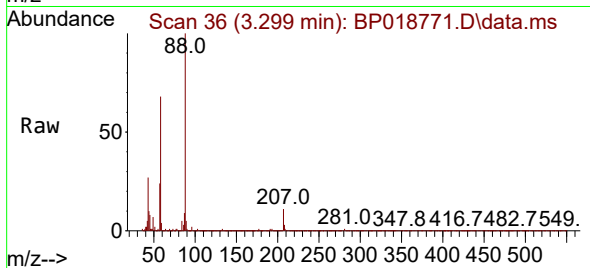




#2
1,4-Dioxane
Concen: 9.511 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

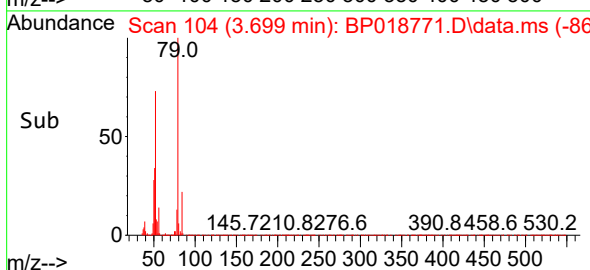
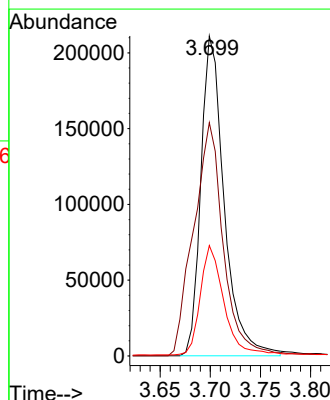
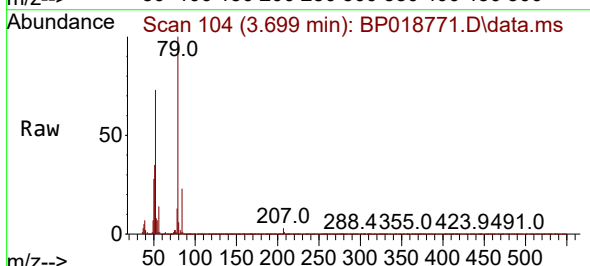
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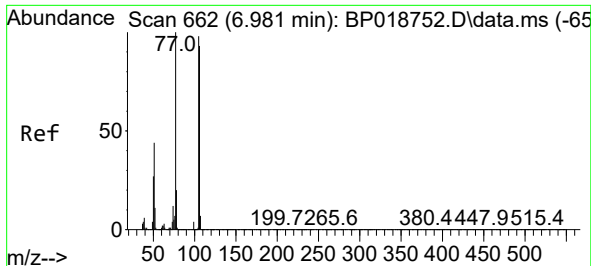
Tgt Ion: 88 Resp: 53109
Ion Ratio Lower Upper
88 100
43 26.7 21.8 32.6
58 67.8 56.5 84.7



#5
Pyridine
Concen: 24.815 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion: 79 Resp: 341782
Ion Ratio Lower Upper
79 100
52 72.9 57.4 86.0
51 34.5 26.2 39.4

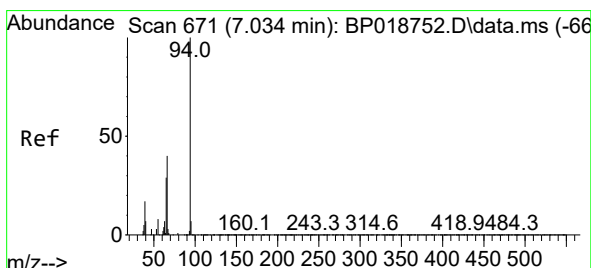
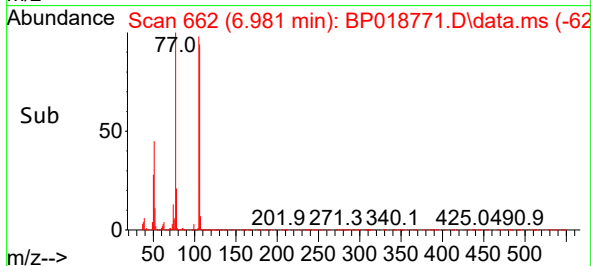
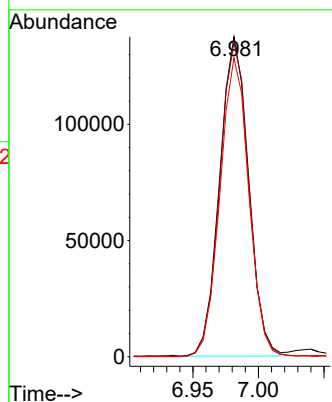
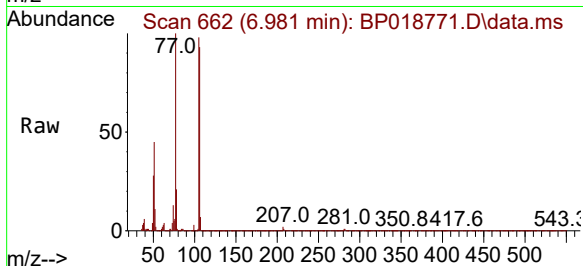




#6
Benzaldehyde
Concen: 23.325 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

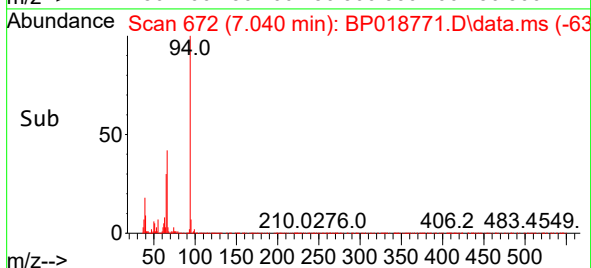
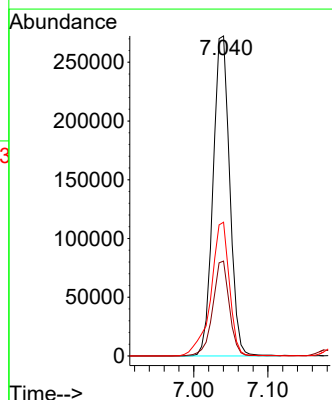
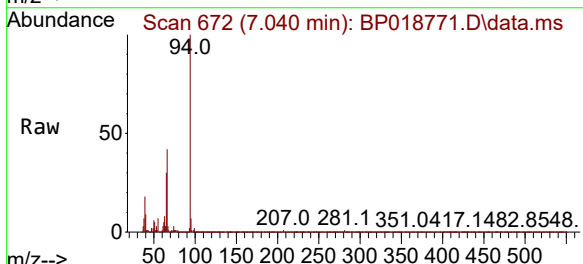
Instrument :
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ClientSampleId :

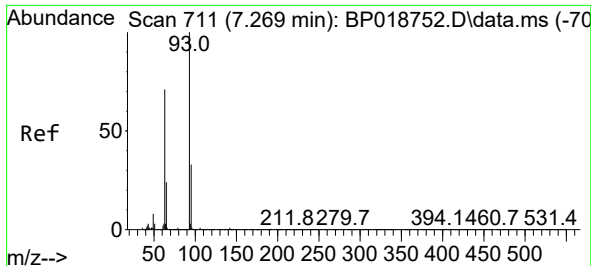
Tgt Ion: 77 Resp: 209700
Ion Ratio Lower Upper
77 100
105 98.1 77.9 116.9
106 93.4 74.6 111.8



#8
Phenol
Concen: 24.866 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

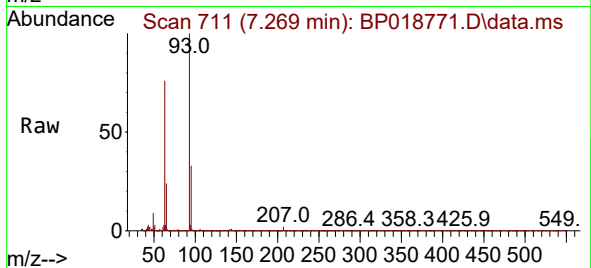
Tgt Ion: 94 Resp: 424630
Ion Ratio Lower Upper
94 100
65 29.6 21.0 31.6
66 41.8 28.6 43.0





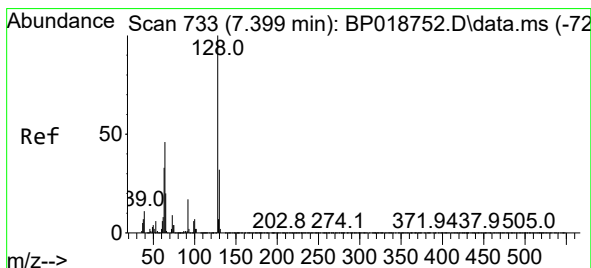
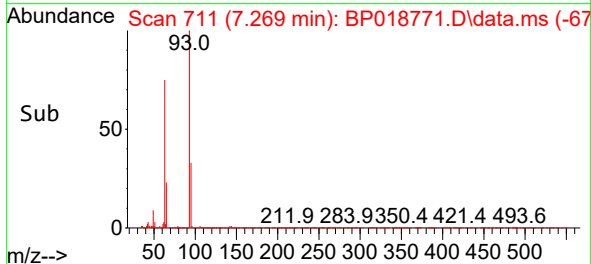
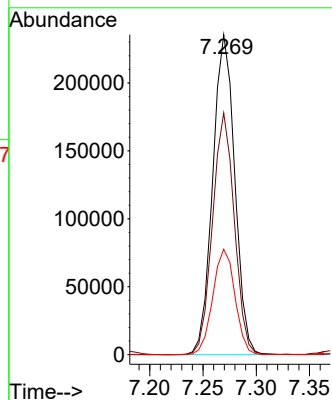
#10
 Bis(2-Chloroethyl)ether
 Concen: 24.152 ng/ul
 RT: 7.269 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 338719

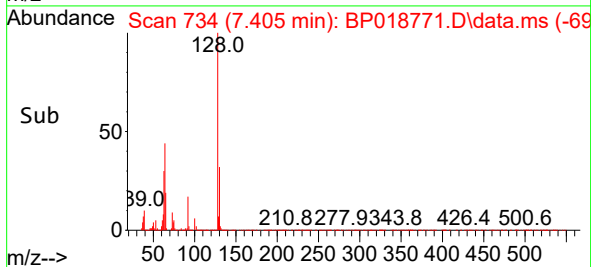
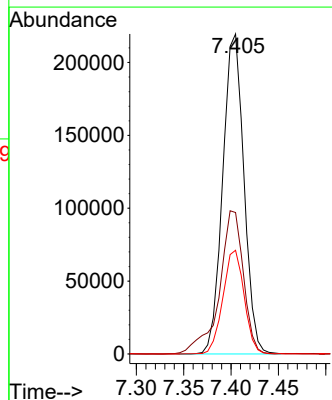
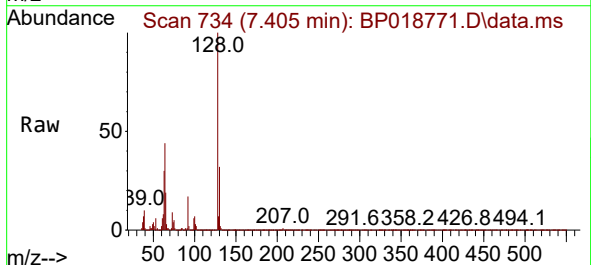
Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.3	87.5
95	32.9	25.9	38.9

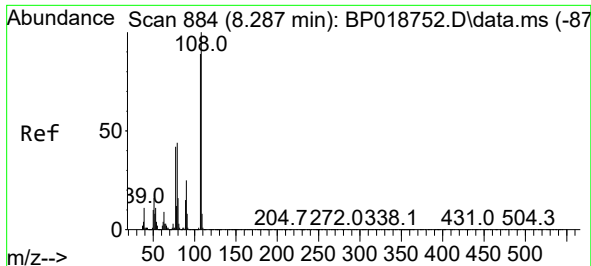


#12
 2-Chlorophenol
 Concen: 24.901 ng/ul
 RT: 7.405 min Scan# 734
 Delta R.T. 0.006 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

Tgt Ion:128 Resp: 342434

Ion	Ratio	Lower	Upper
128	100		
64	44.2	37.0	55.4
130	32.4	26.8	40.2

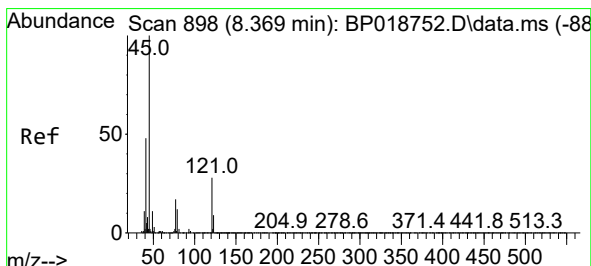
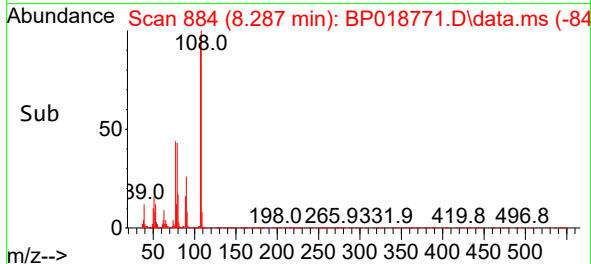
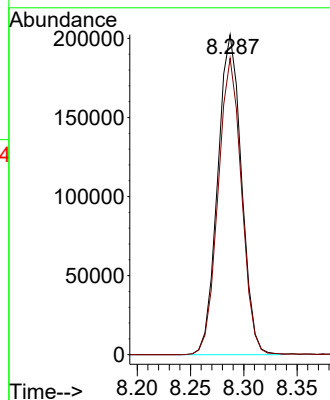
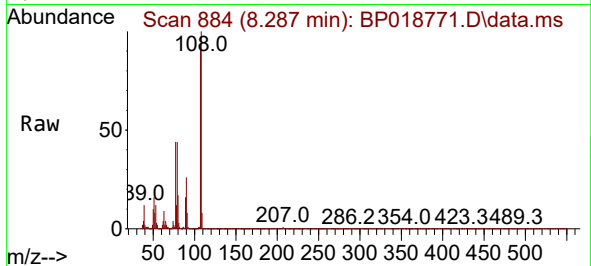




#13
2-Methylphenol
Concen: 24.021 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

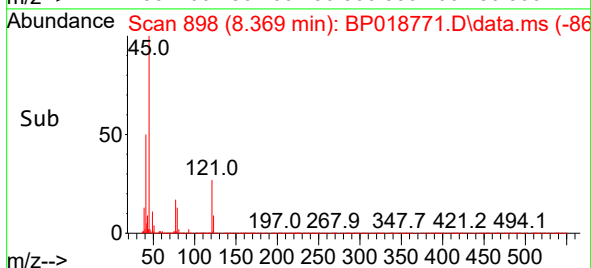
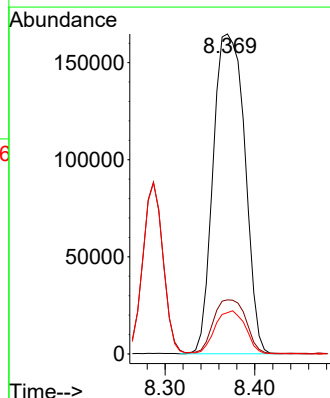
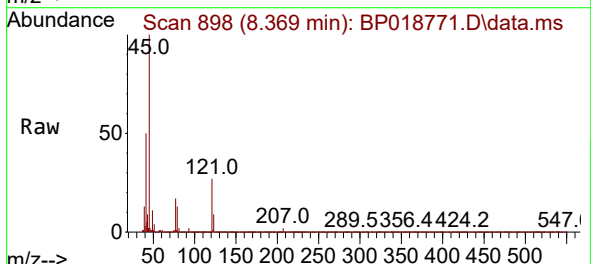
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ClientSampleId :

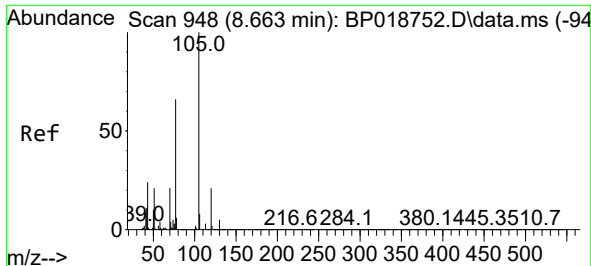
Tgt Ion:108 Resp: 314036
Ion Ratio Lower Upper
108 100
107 92.7 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.628 ng/ul
RT: 8.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion: 45 Resp: 402663
Ion Ratio Lower Upper
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77 16.9 12.7 19.1
79 12.9 10.5 15.7

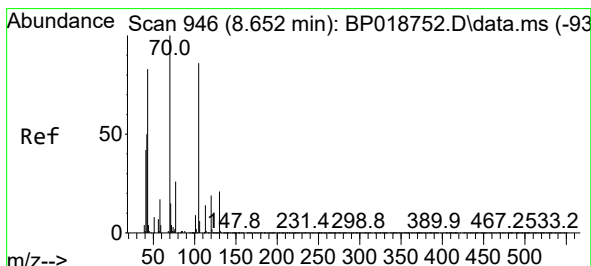
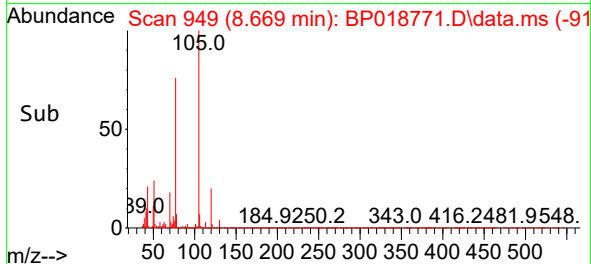
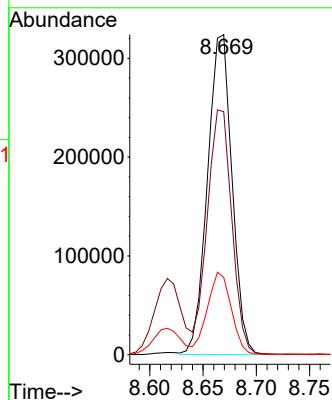
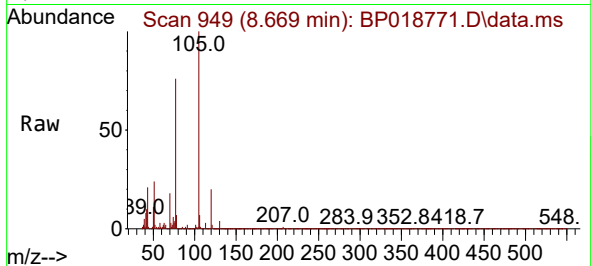




#16
Acetophenone
Concen: 24.698 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

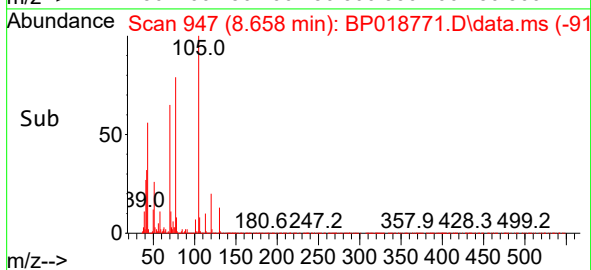
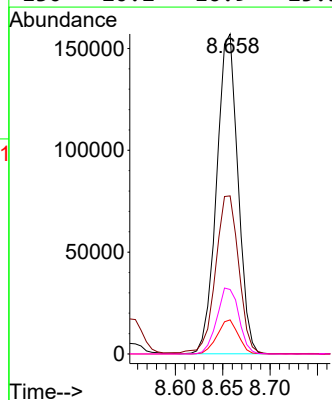
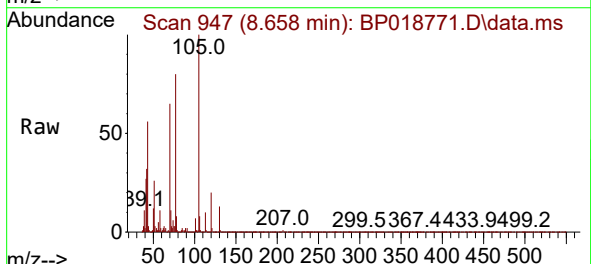
Instrument :
BNA_P
ClientSampleId :

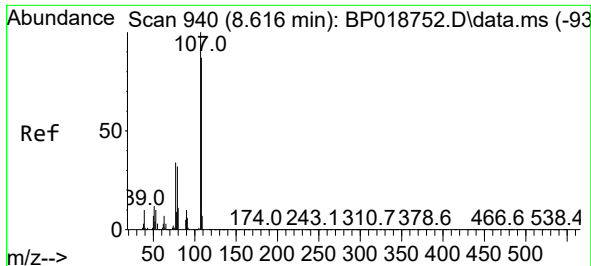
Tgt Ion:105 Resp: 518715
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.0
51 24.1 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 21.294 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion: 70 Resp: 246031
Ion Ratio Lower Upper
70 100
42 49.4 41.0 61.4
101 10.6 7.8 11.8
130 20.2 16.9 25.3

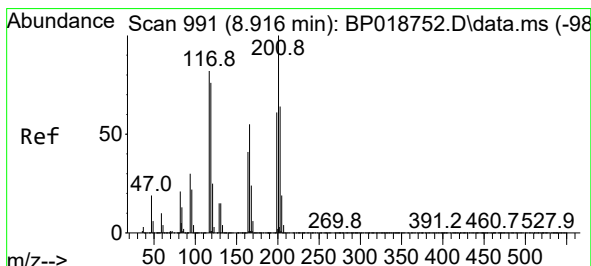
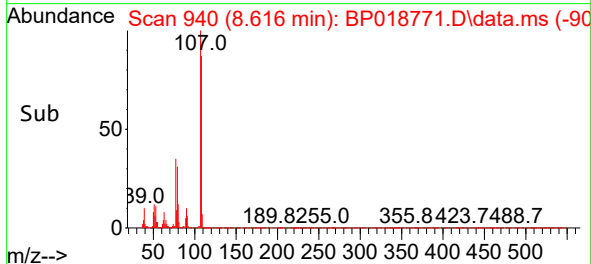
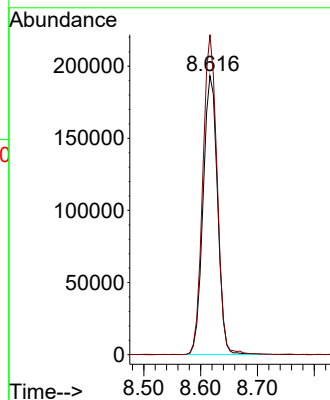
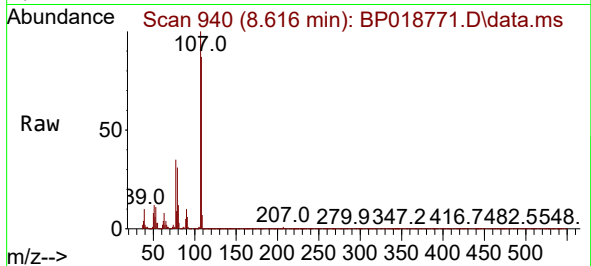




#18
4-Methylphenol
Concen: 23.852 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

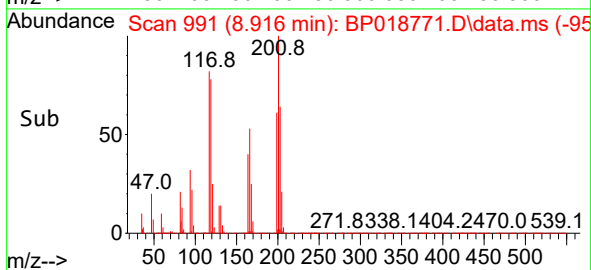
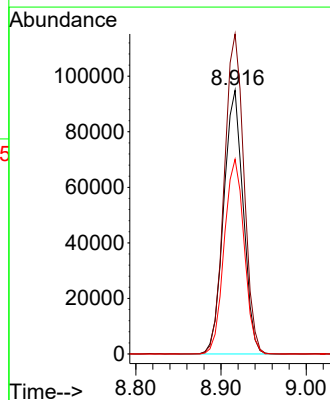
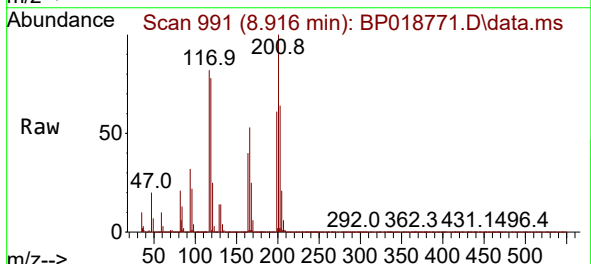
Instrument :
BNA_P
ClientSampleId :

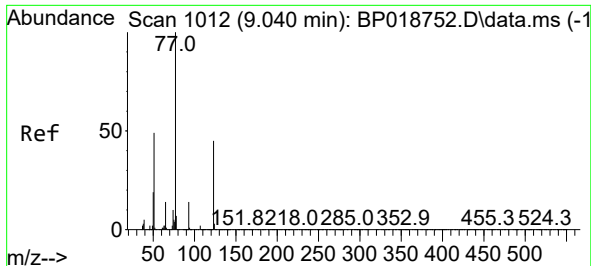
Tgt Ion:108 Resp: 340501
Ion Ratio Lower Upper
108 100
107 114.8 90.6 136.0



#19
Hexachloroethane
Concen: 26.770 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:117 Resp: 150917
Ion Ratio Lower Upper
117 100
201 121.3 83.7 125.5
199 73.8 52.3 78.5

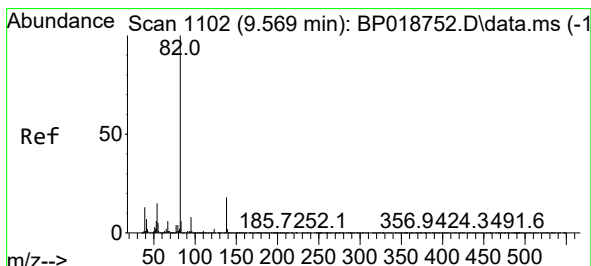
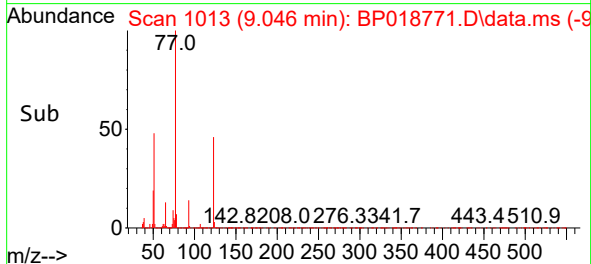
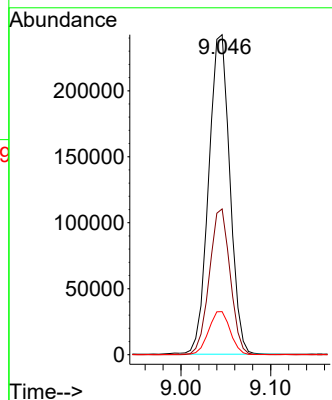
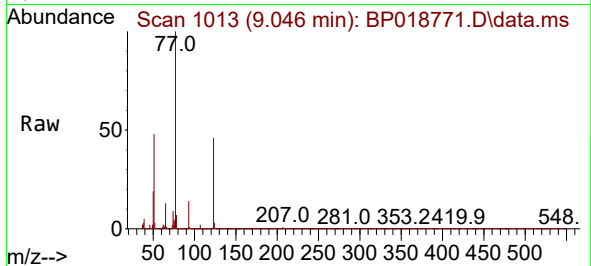




#22
Nitrobenzene
Concen: 28.014 ng/ul
RT: 9.046 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

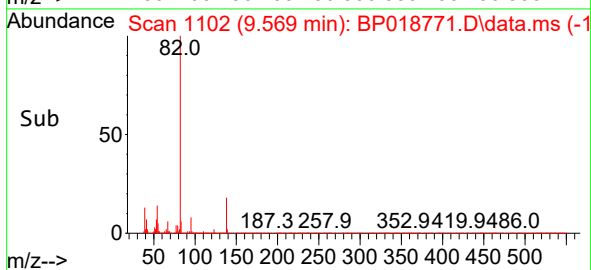
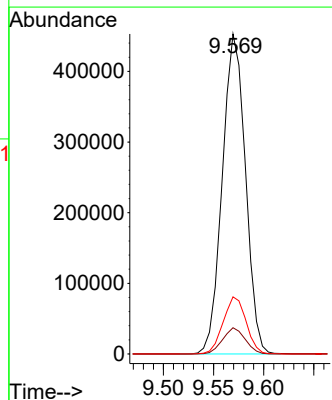
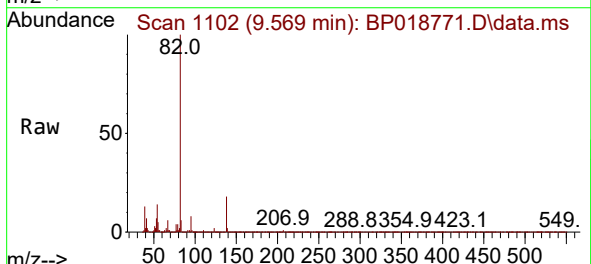
Instrument :
BNA_P
ClientSampleId :

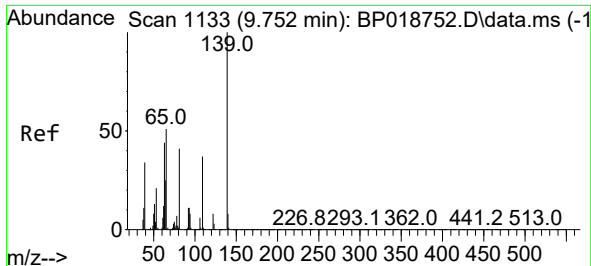
Tgt Ion: 77 Resp: 396715
Ion Ratio Lower Upper
77 100
123 45.5 35.8 53.8
65 13.4 10.5 15.7



#23
Isophorone
Concen: 25.154 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion: 82 Resp: 726287
Ion Ratio Lower Upper
82 100
95 8.2 5.5 8.3
138 17.9 13.5 20.3

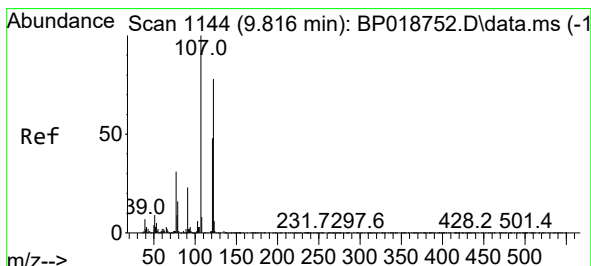
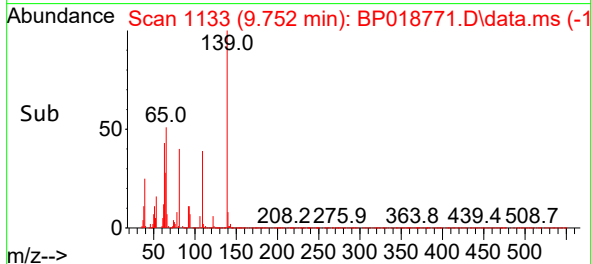
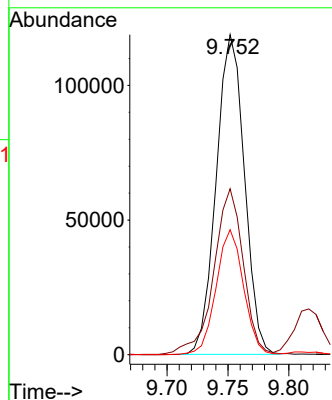
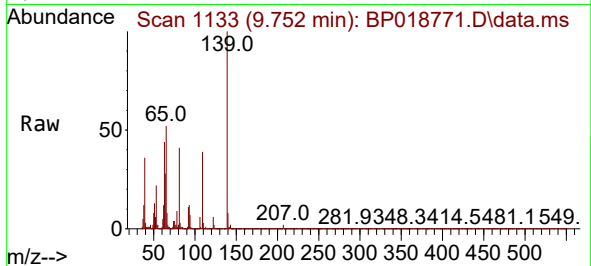




#25
2-Nitrophenol
Concen: 29.644 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

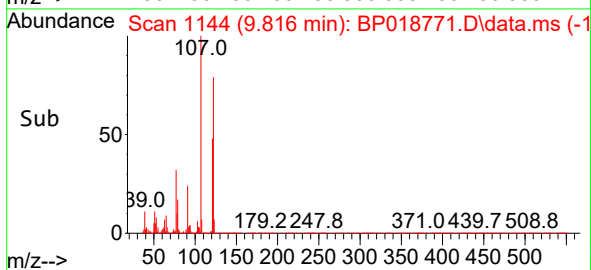
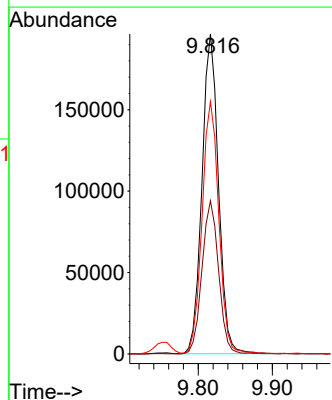
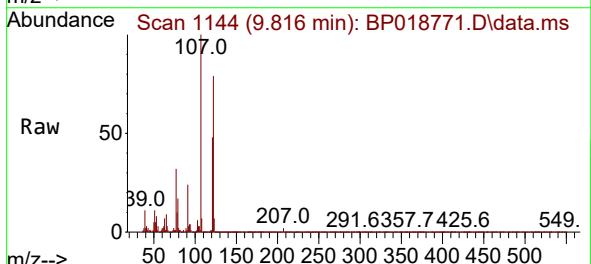
Instrument :
BNA_P
ClientSampleId :

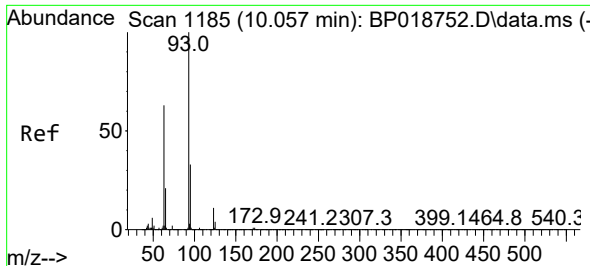
Tgt Ion:139 Resp: 191670
Ion Ratio Lower Upper
139 100
65 51.8 39.1 58.7
109 39.1 23.8 35.6#



#26
2,4-Dimethylphenol
Concen: 24.017 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:107 Resp: 303702
Ion Ratio Lower Upper
107 100
121 47.9 40.0 60.0
122 78.8 69.1 103.7

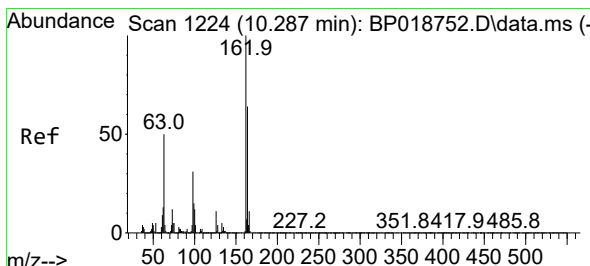
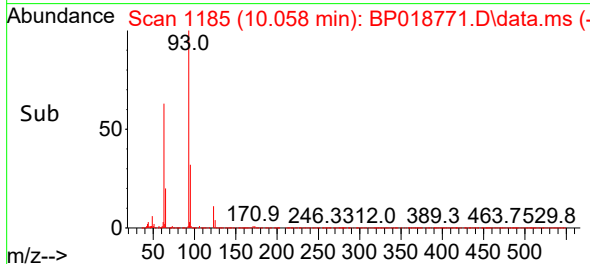
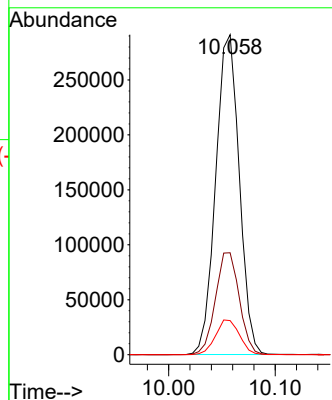
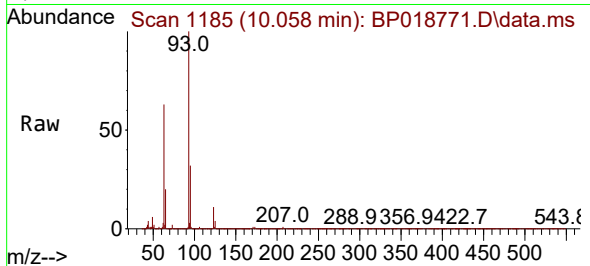




#27
 Bis(2-Chloroethoxy)methane
 Concen: 24.520 ng/ul
 RT: 10.058 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

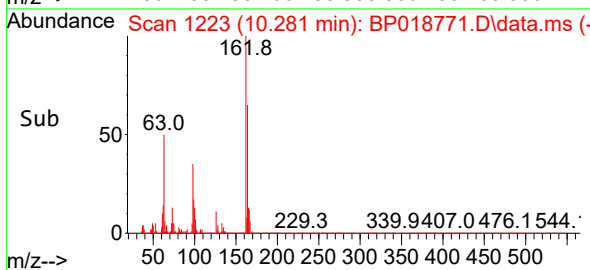
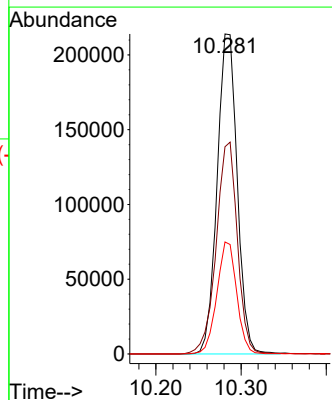
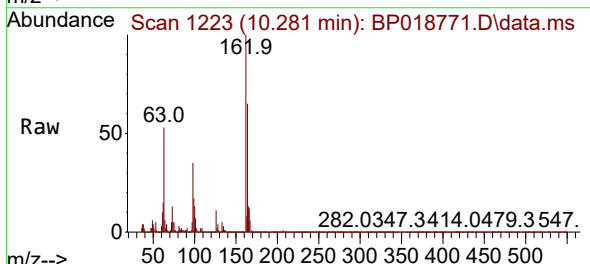
Instrument :
 BNA_P
 ClientSampleId :

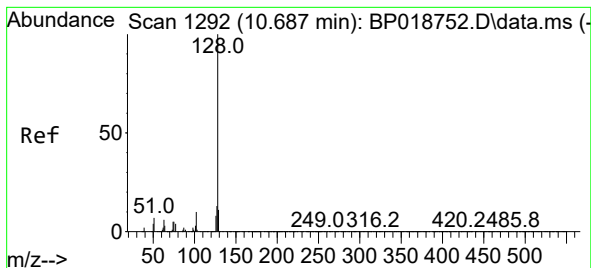
Tgt Ion: 93 Resp: 446975
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.1 39.1
 123 10.6 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 29.517 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

Tgt Ion: 162 Resp: 351068
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.7 77.5
 98 35.0 29.2 43.8

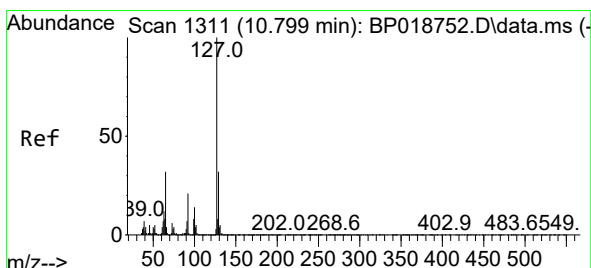
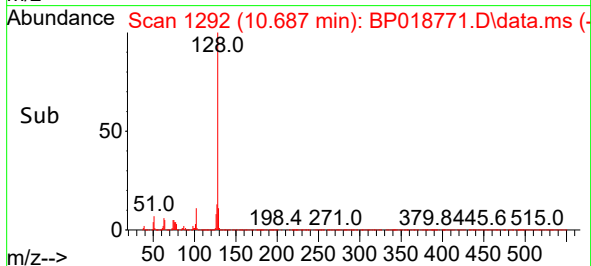
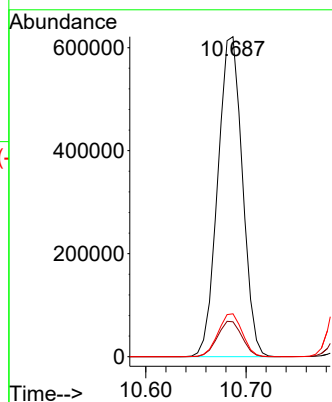
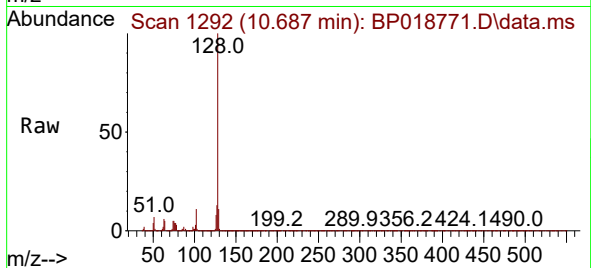




#30
Naphthalene
Concen: 26.680 ng/ul
RT: 10.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

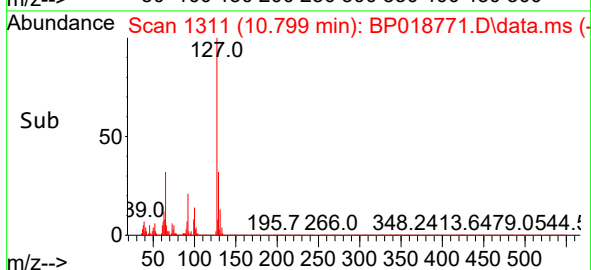
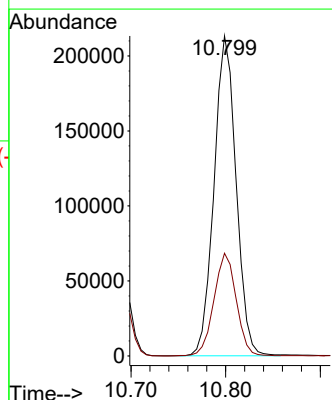
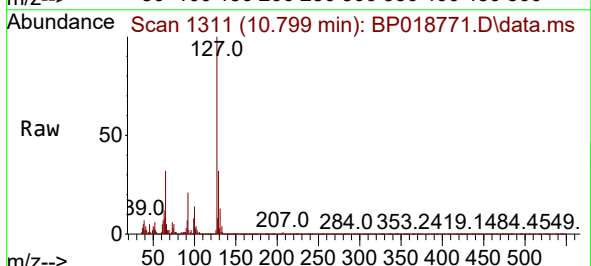
Instrument :
BNA_P
ClientSampleId :

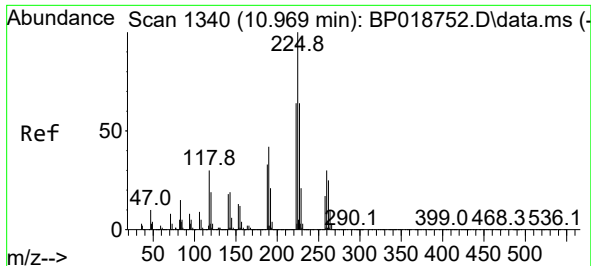
Tgt Ion:128 Resp: 1059203
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 22.403 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

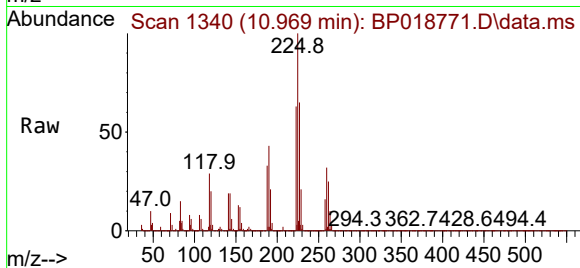
Tgt Ion:127 Resp: 344560
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4



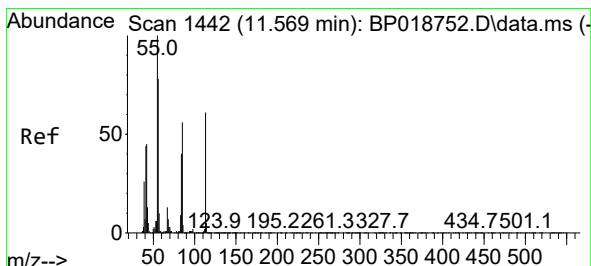
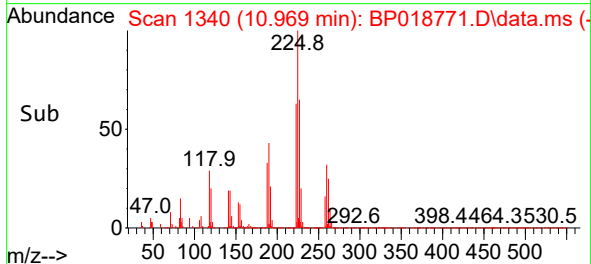
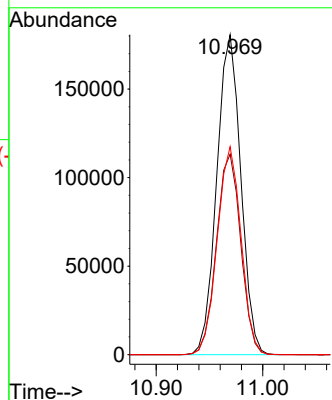


#33
Hexachlorobutadiene
Concen: 35.583 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Instrument :
BNA_P
ClientSampleId :

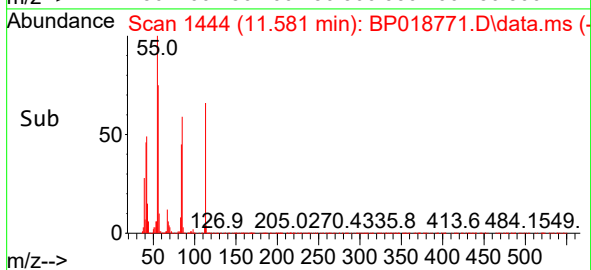
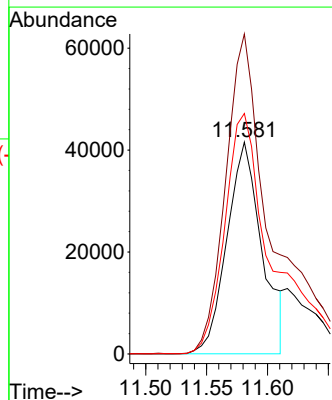
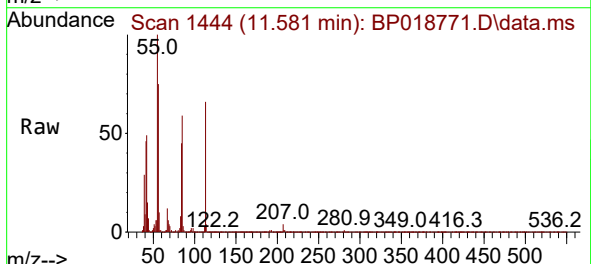


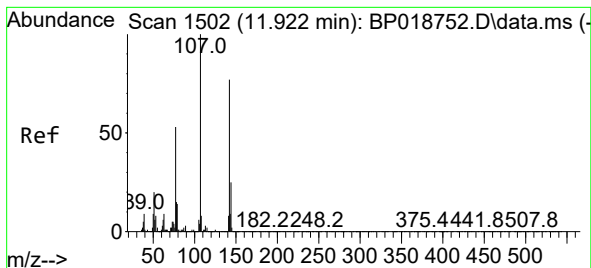
Tgt Ion:225 Resp: 283437
Ion Ratio Lower Upper
225 100
223 62.6 49.5 74.3
227 65.0 50.9 76.3



#34
Caprolactam
Concen: 22.791 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:113 Resp: 83118
Ion Ratio Lower Upper
113 100
55 151.0 133.7 200.5
56 113.5 97.4 146.2

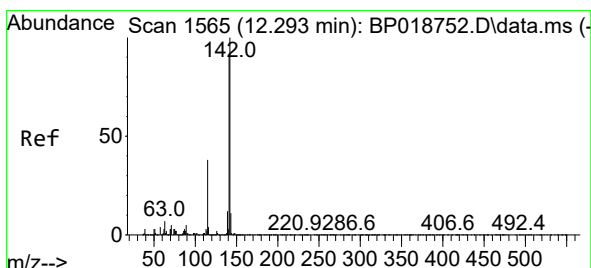
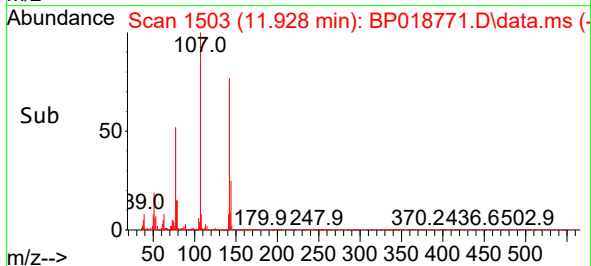
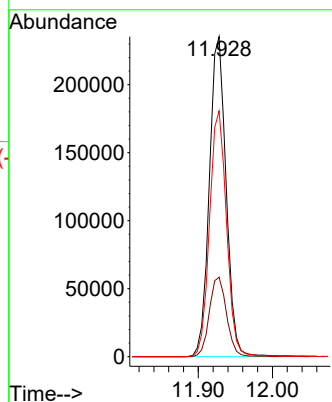
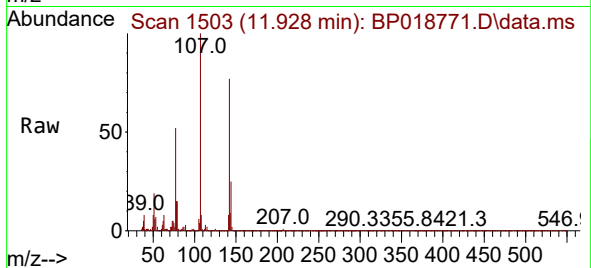




#35
4-Chloro-3-methylphenol
Concen: 27.704 ng/ul
RT: 11.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

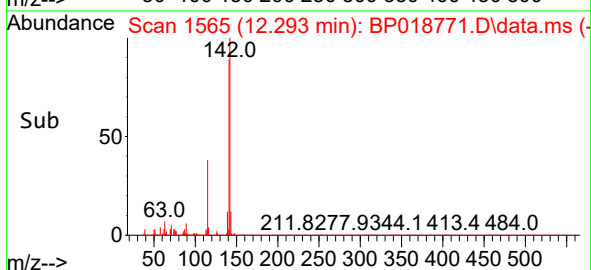
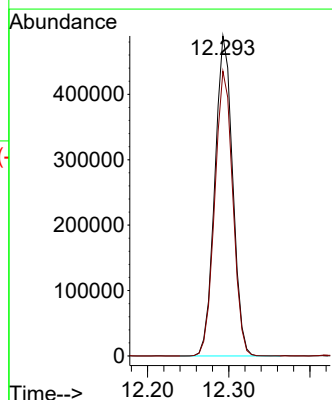
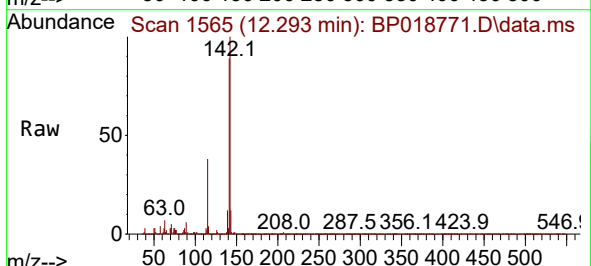
Instrument :
BNA_P
ClientSampleId :

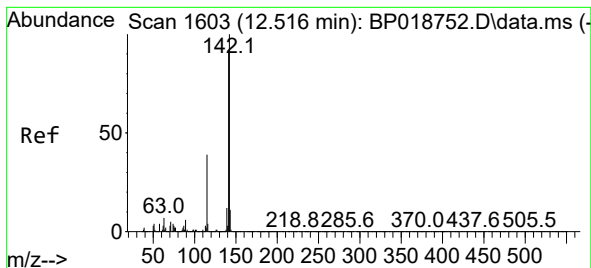
Tgt Ion:107 Resp: 369123
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.6
142 76.8 63.6 95.4



#36
2-Methylnaphthalene
Concen: 26.583 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:142 Resp: 747637
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0





#37

1-Methylnaphthalene

Concen: 25.862 ng/ul

RT: 12.510 min Scan# 1602

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

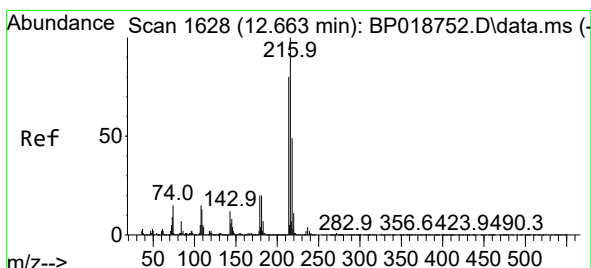
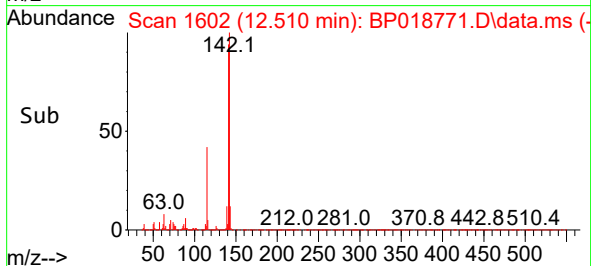
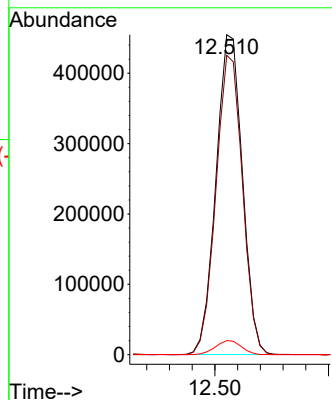
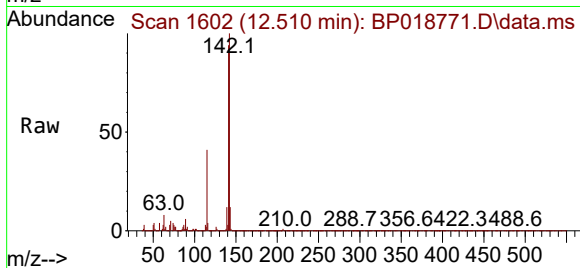
Tgt Ion:142 Resp: 734550

Ion Ratio Lower Upper

142 100

141 93.5 73.5 110.3

116 4.4 2.8 4.2#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.951 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Tgt Ion:216 Resp: 501916

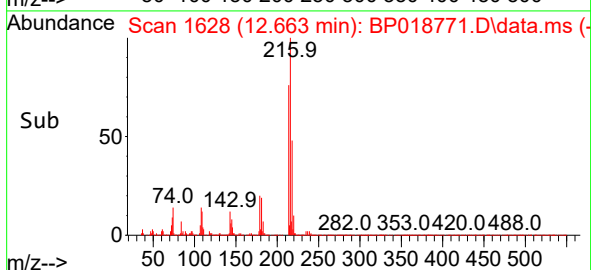
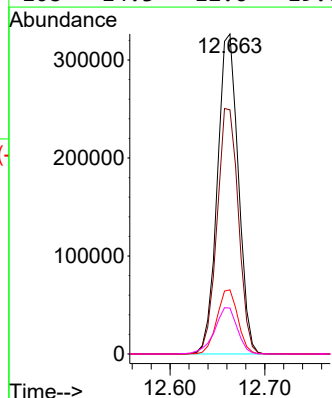
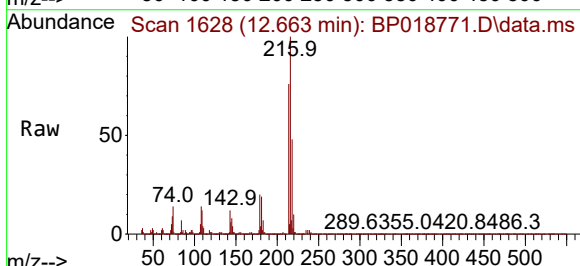
Ion Ratio Lower Upper

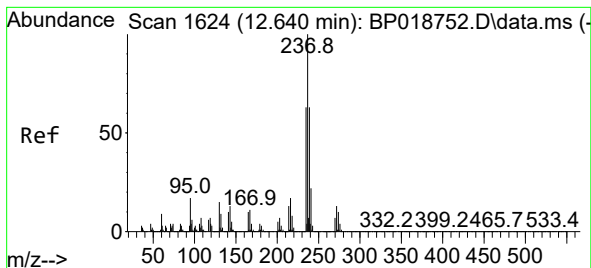
216 100

214 76.3 63.9 95.9

179 20.1 16.3 24.5

108 14.3 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 27.769 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

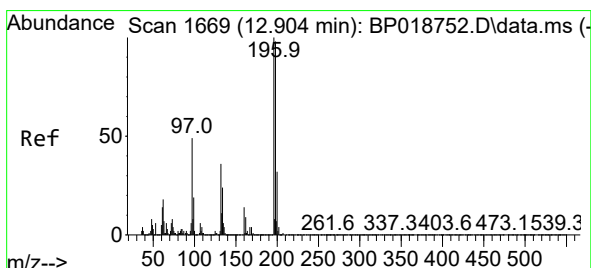
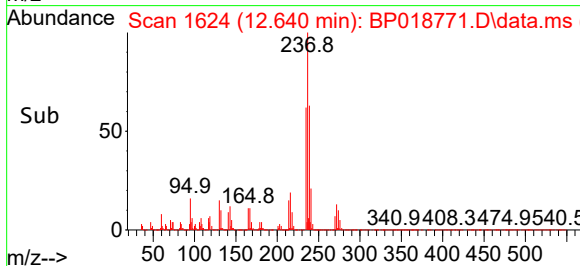
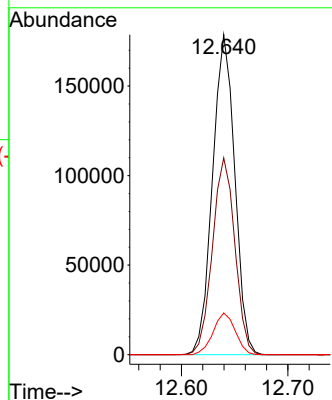
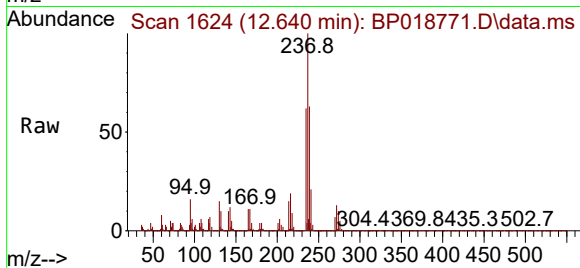
Tgt Ion:237 Resp: 258554

Ion Ratio Lower Upper

237 100

235 61.5 49.4 74.0

272 13.0 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 30.516 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

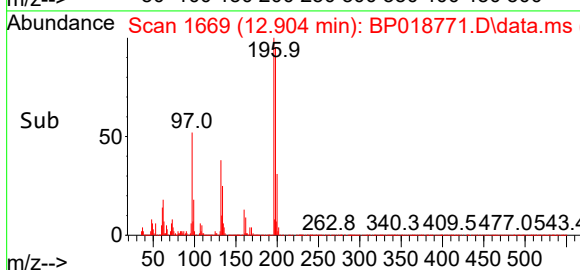
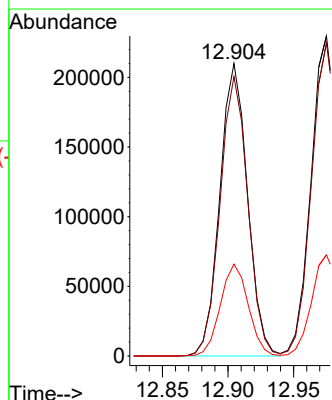
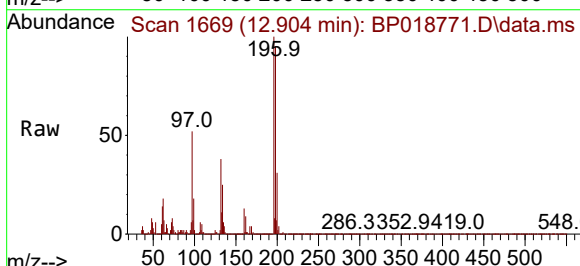
Tgt Ion:196 Resp: 308373

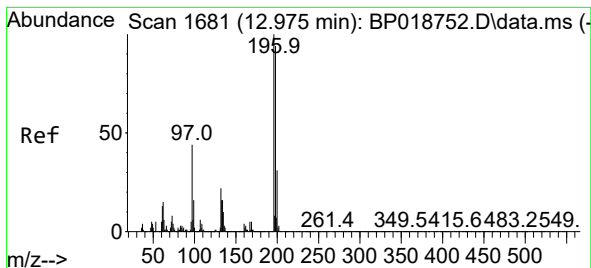
Ion Ratio Lower Upper

196 100

198 95.5 76.9 115.3

200 31.4 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 31.038 ng/ul

RT: 12.975 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

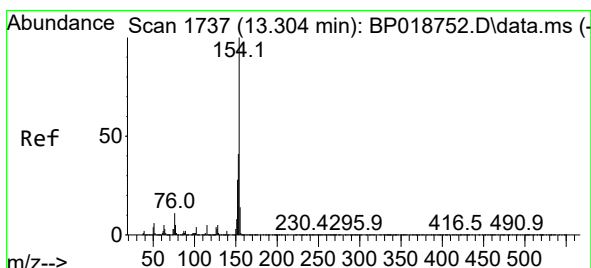
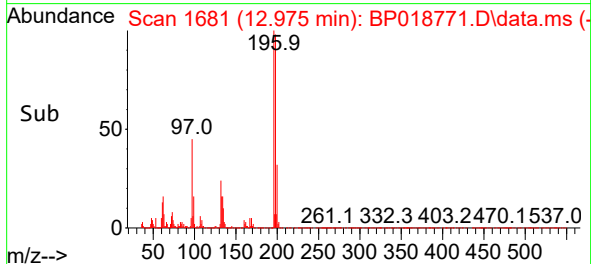
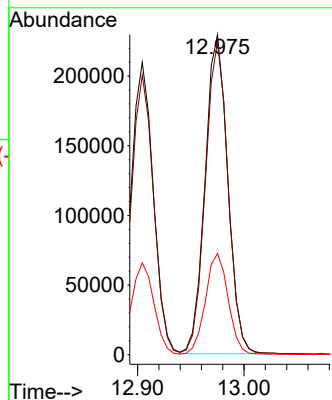
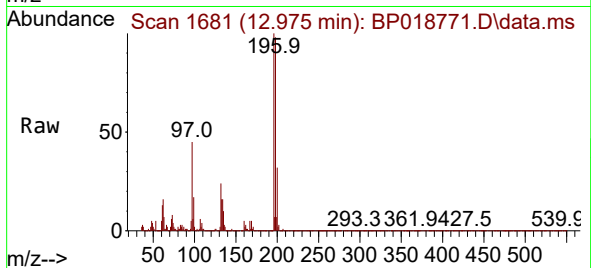
Tgt Ion:196 Resp: 340030

Ion Ratio Lower Upper

196 100

198 97.8 77.9 116.9

200 31.6 25.2 37.8



#43

1,1'-Biphenyl

Concen: 26.992 ng/ul

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

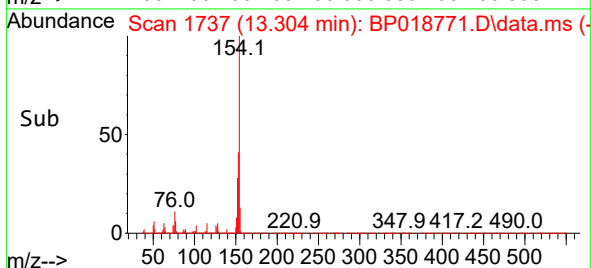
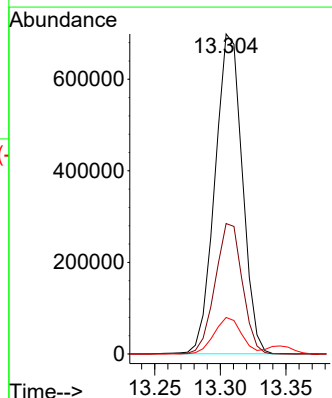
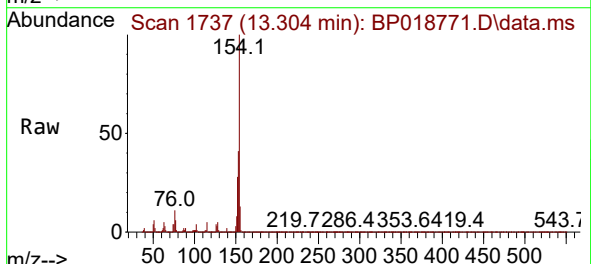
Tgt Ion:154 Resp: 1010737

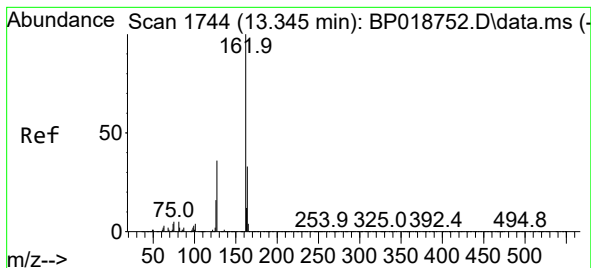
Ion Ratio Lower Upper

154 100

153 40.8 32.8 49.2

76 11.4 10.7 16.1

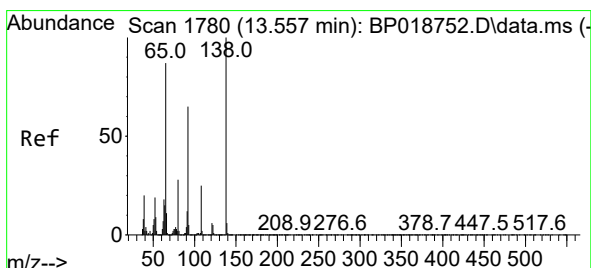
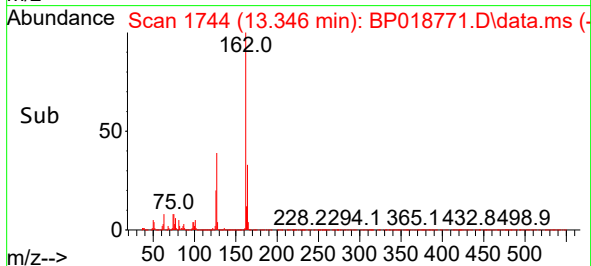
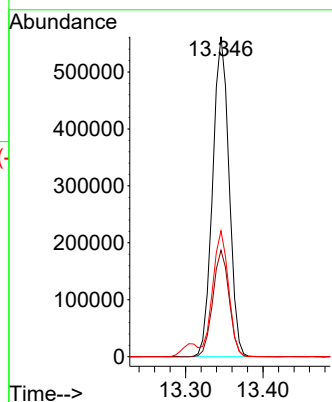
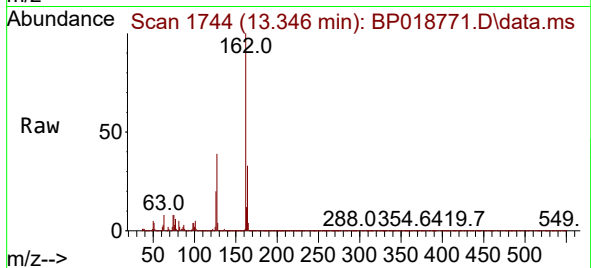




#44
2-Chloronaphthalene
Concen: 27.852 ng/ul
RT: 13.346 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

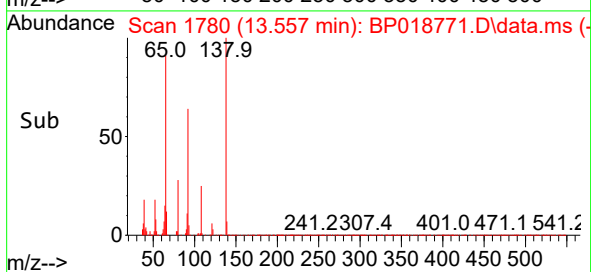
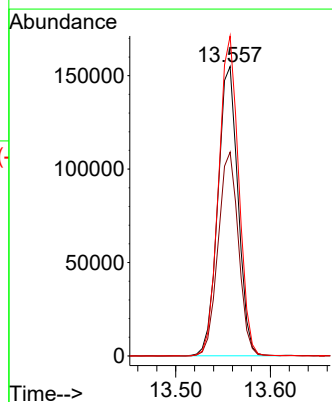
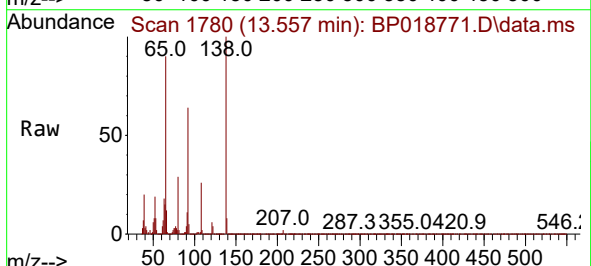
Instrument :
BNA_P
ClientSampleId :

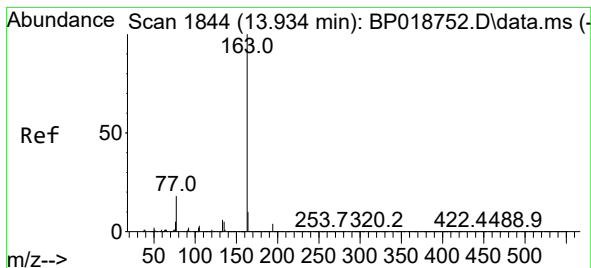
Tgt Ion:162 Resp: 823730
Ion Ratio Lower Upper
162 100
164 33.3 25.7 38.5
127 39.3 30.3 45.5



#45
2-Nitroaniline
Concen: 28.603 ng/ul
RT: 13.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion: 65 Resp: 229328
Ion Ratio Lower Upper
65 100
92 70.4 56.9 85.3
138 110.5 88.2 132.2





#47

Dimethylphthalate

Concen: 28.677 ng/ul

RT: 13.934 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

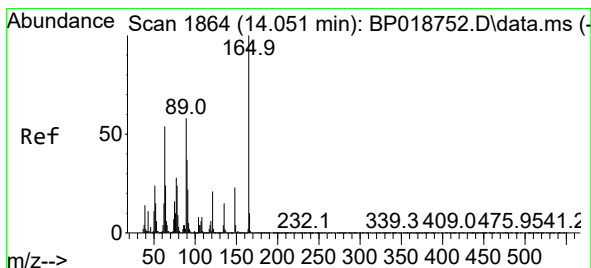
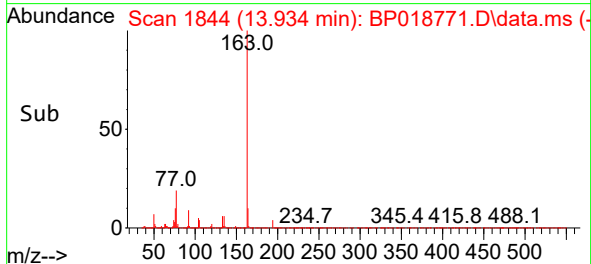
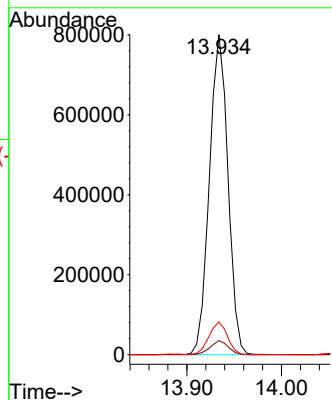
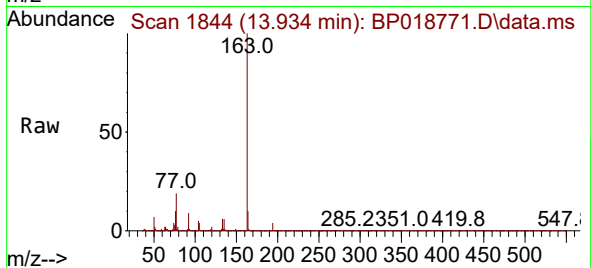
Tgt Ion:163 Resp: 1090807

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.2 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 31.454 ng/ul

RT: 14.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

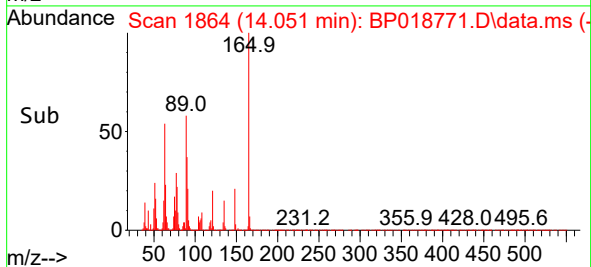
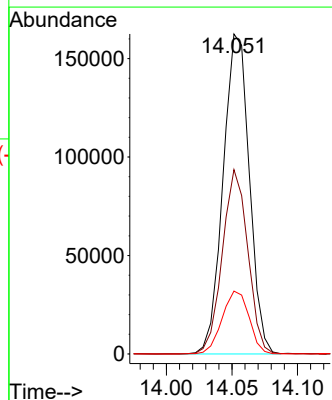
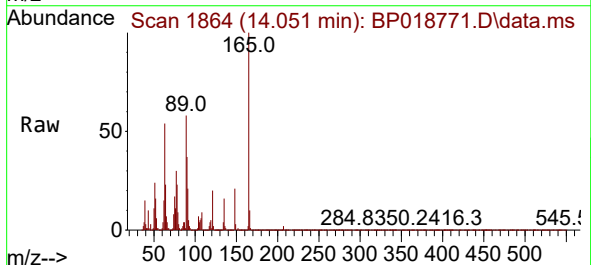
Tgt Ion:165 Resp: 226047

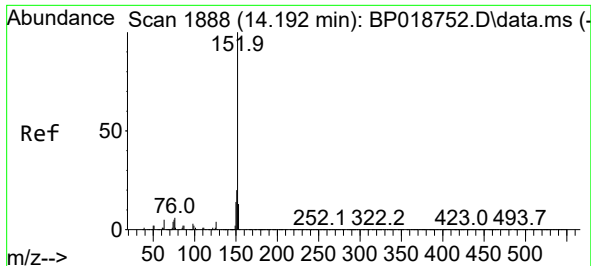
Ion Ratio Lower Upper

165 100

89 57.6 46.6 70.0

121 19.6 17.3 25.9

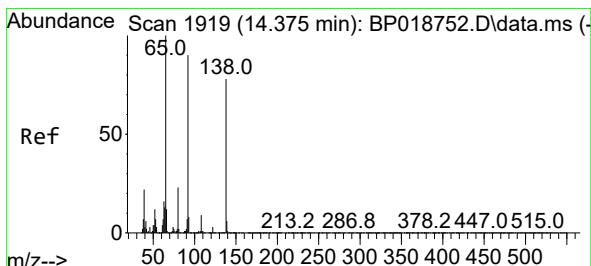
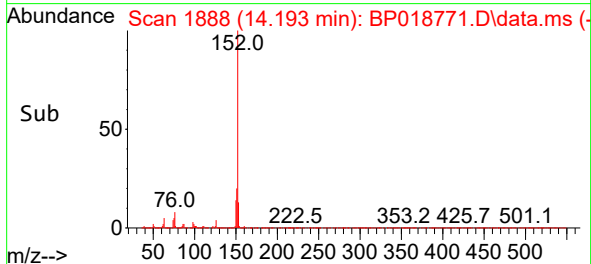
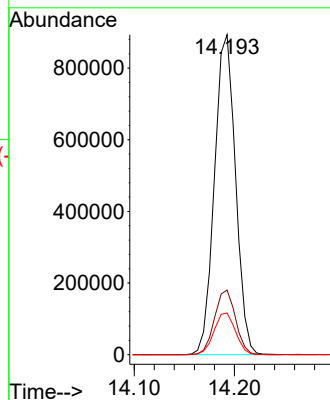
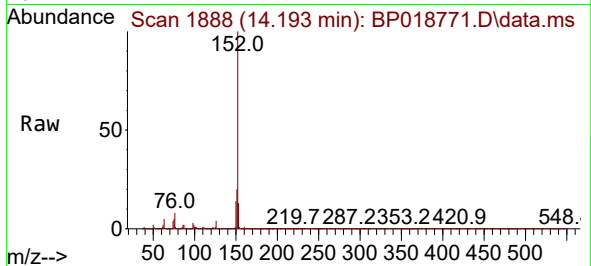




#50
Acenaphthylene
Concen: 27.233 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

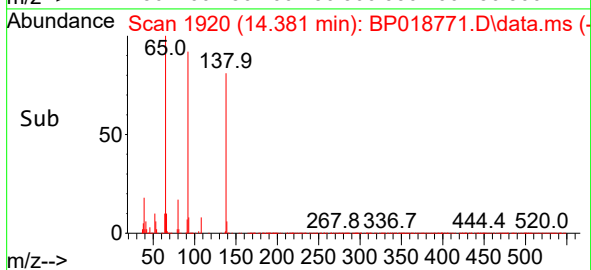
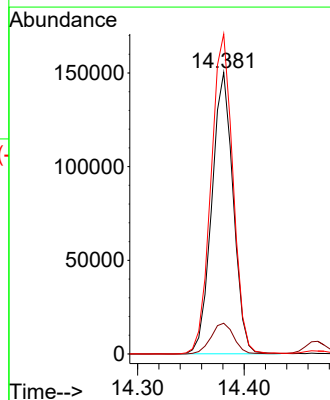
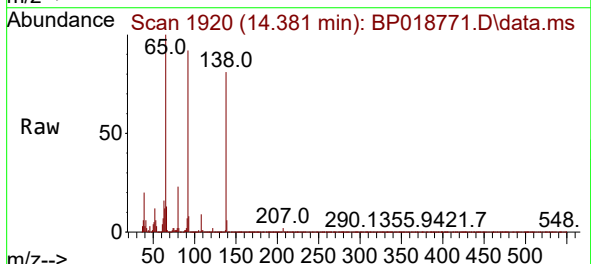
Instrument :
BNA_P
ClientSampleId :

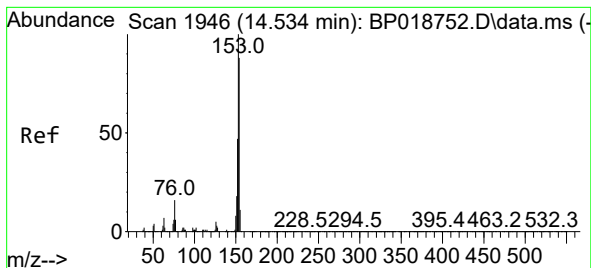
Tgt Ion:152 Resp: 1302843
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 29.164 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:138 Resp: 209221
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 113.7 93.1 139.7





#52

Acenaphthene

Concen: 27.262 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNP_P

ClientSampleId :

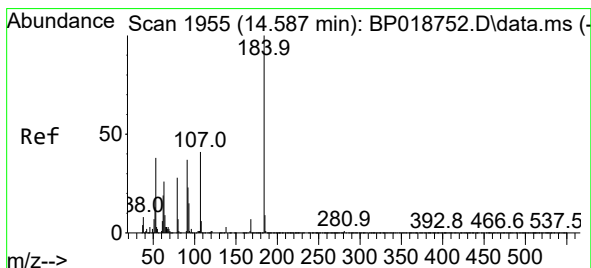
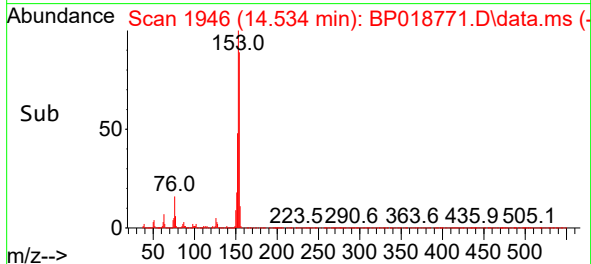
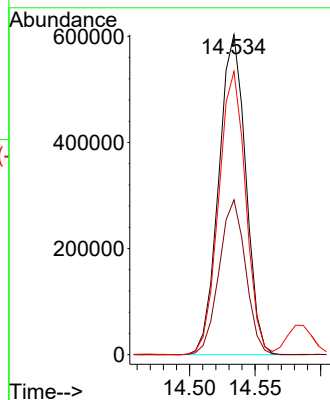
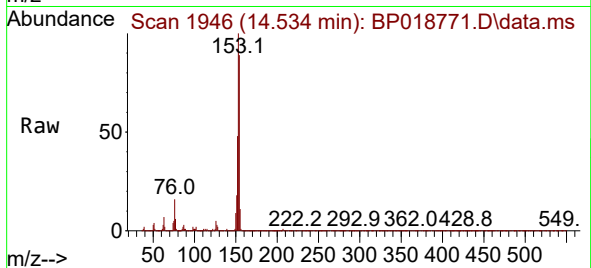
Tgt Ion:153 Resp: 862336

Ion Ratio Lower Upper

153 100

152 48.4 38.1 57.1

154 88.5 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 31.956 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

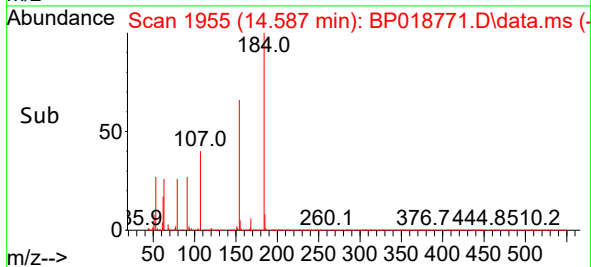
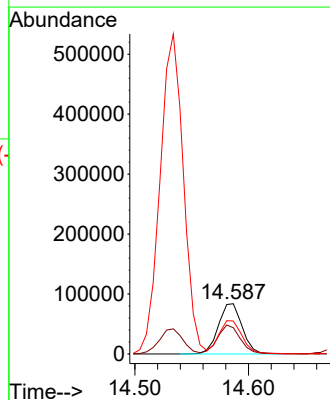
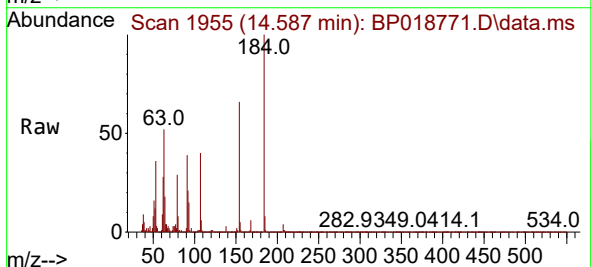
Tgt Ion:184 Resp: 121713

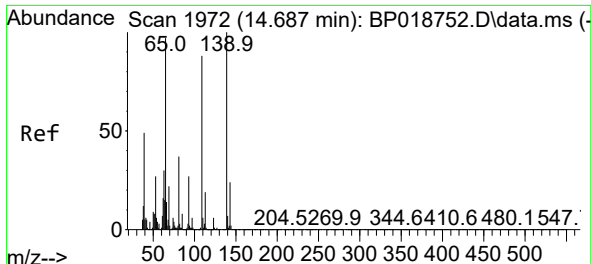
Ion Ratio Lower Upper

184 100

63 52.3 48.2 72.4

154 65.8 49.1 73.7

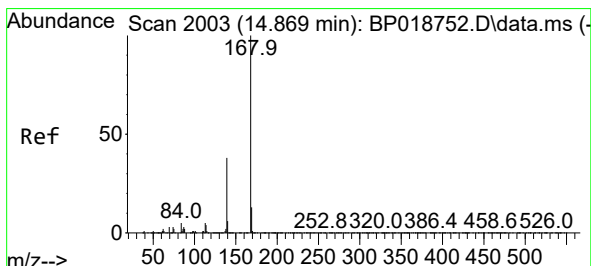
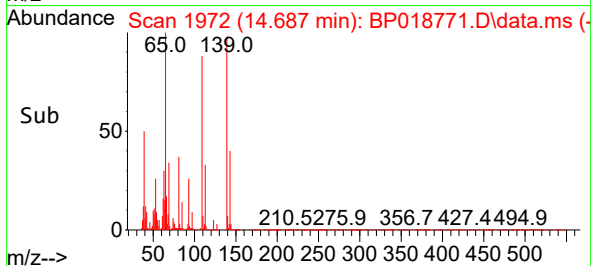
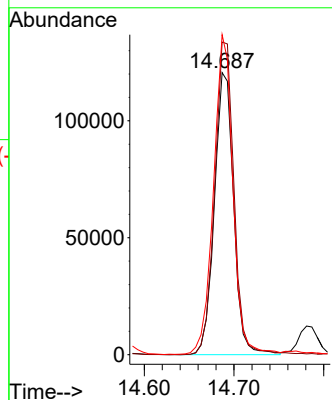
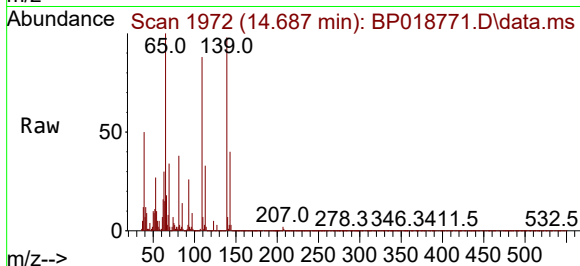




#55
4-Nitrophenol
Concen: 37.483 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

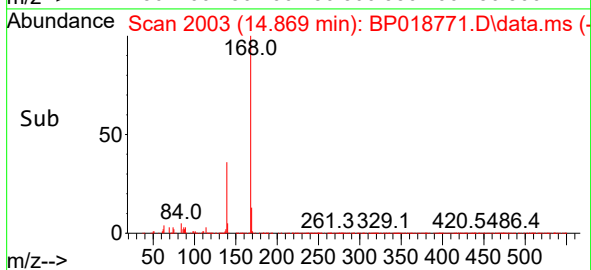
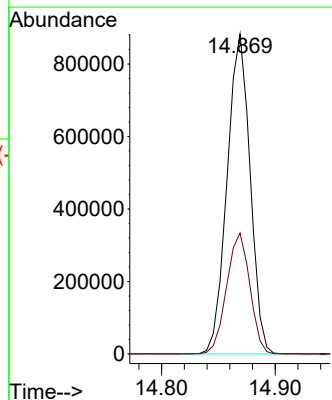
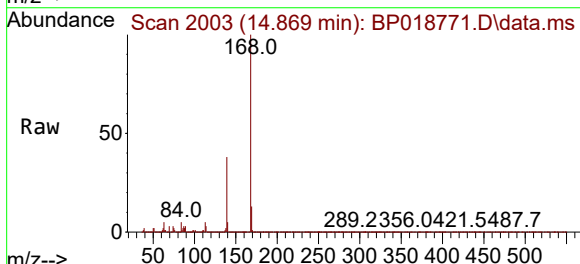
Instrument :
BNA_P
ClientSampleId :

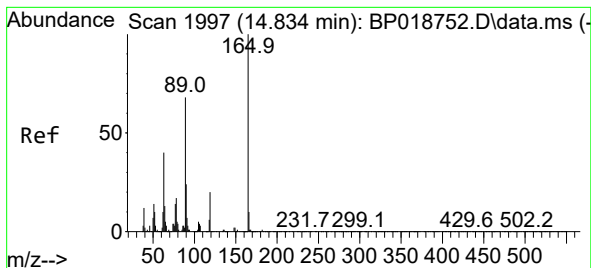
Tgt Ion:109 Resp: 179629
Ion Ratio Lower Upper
109 100
139 110.8 109.0 163.4
65 113.4 106.2 159.4



#56
Dibenzofuran
Concen: 28.242 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:168 Resp: 1241627
Ion Ratio Lower Upper
168 100
139 37.8 29.1 43.7





#57

2,4-Dinitrotoluene

Concen: 32.625 ng/ul

RT: 14.840 min Scan# 1997

Delta R.T. 0.000 min

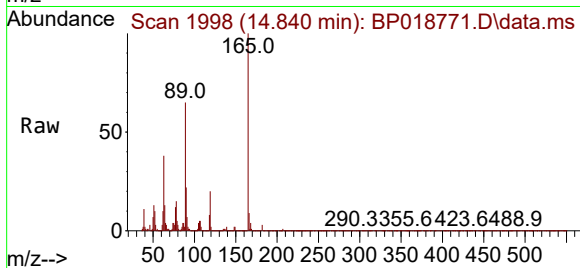
Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :



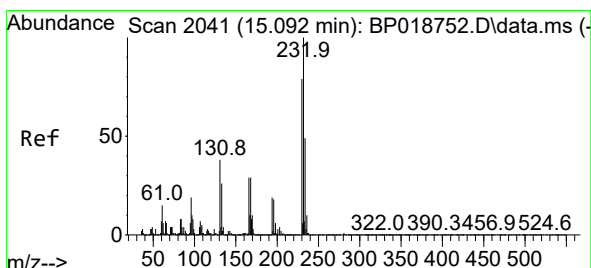
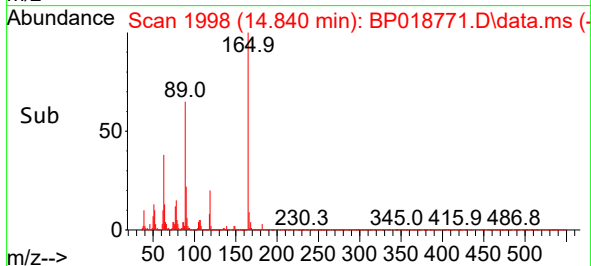
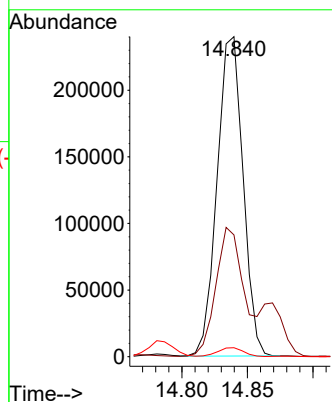
Tgt Ion:165 Resp: 329811

Ion Ratio Lower Upper

165 100

63 38.1 32.7 49.1

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.807 ng/ul

RT: 15.093 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Tgt Ion:232 Resp: 301483

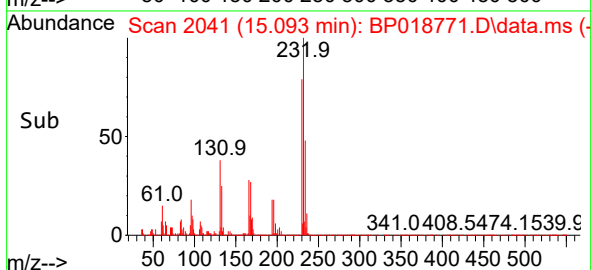
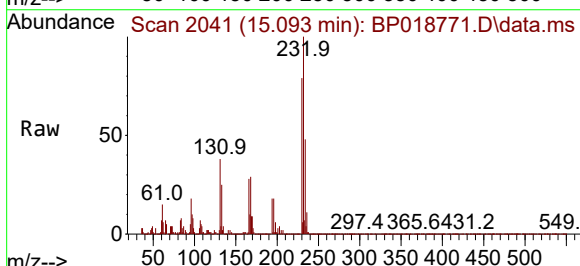
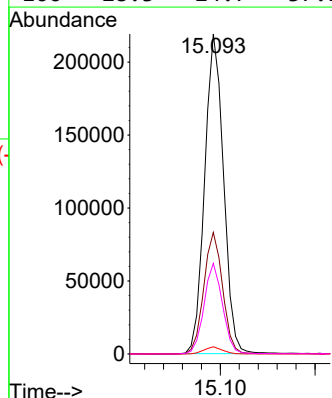
Ion Ratio Lower Upper

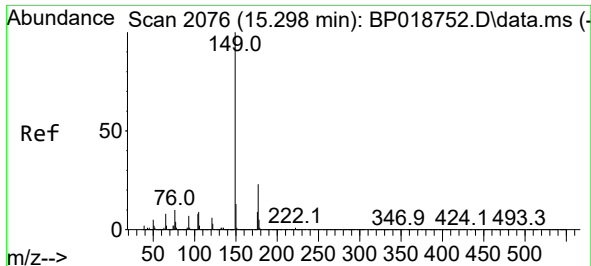
232 100

131 38.0 33.8 50.8

130 2.3 1.8 2.8

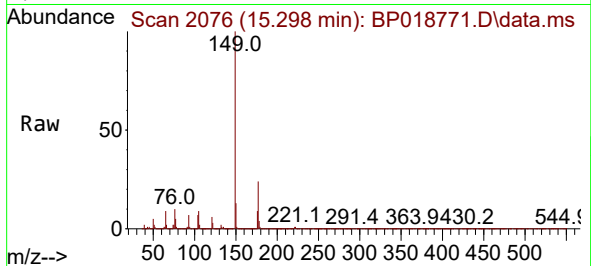
166 28.3 24.7 37.1



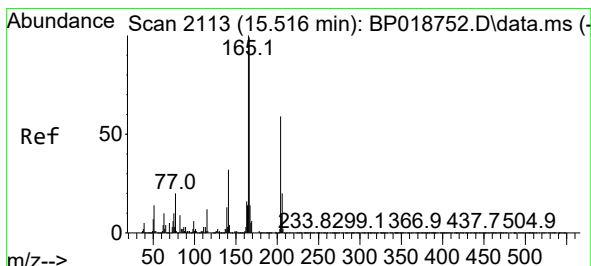
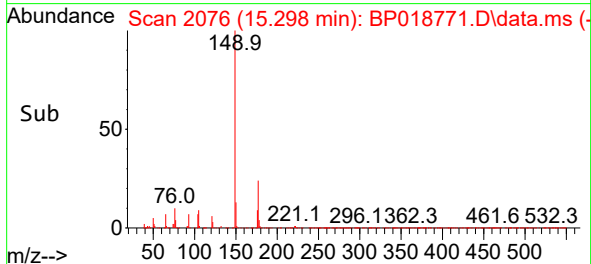
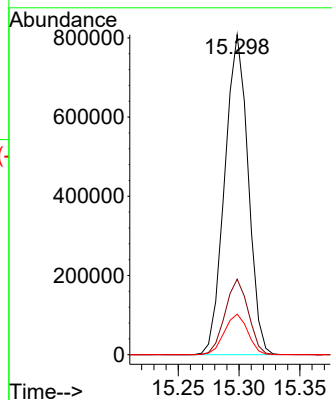


#59
Diethylphthalate
Concen: 29.101 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Instrument :
BNA_P
ClientSampleId :

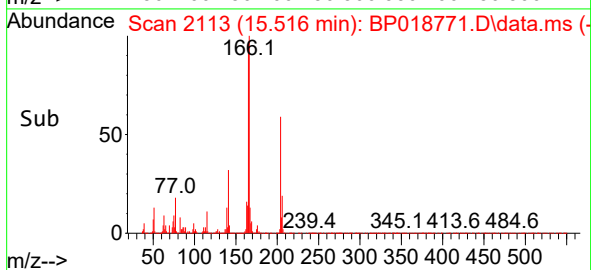
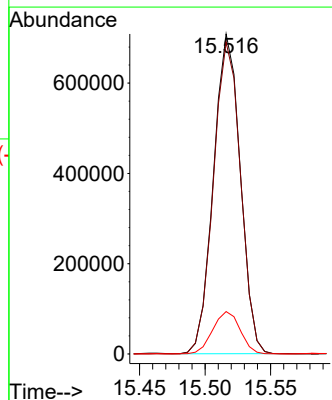
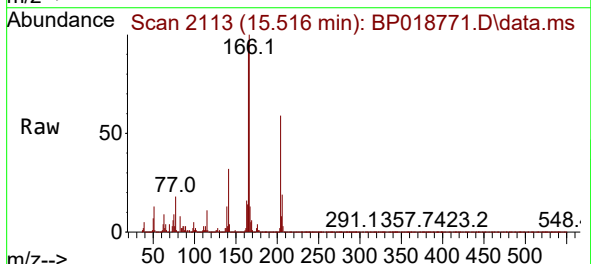


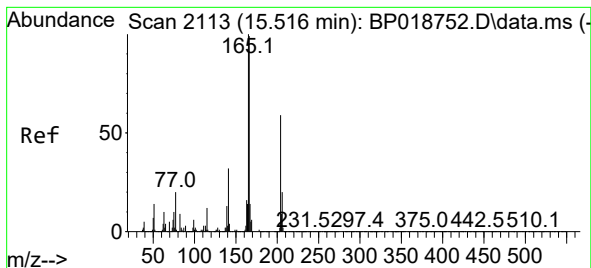
Tgt Ion:149 Resp: 1083221
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 28.971 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:166 Resp: 1007803
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.3 10.8 16.2

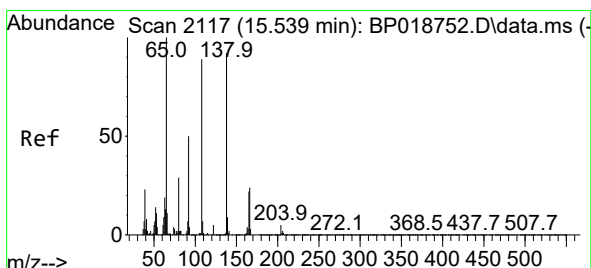
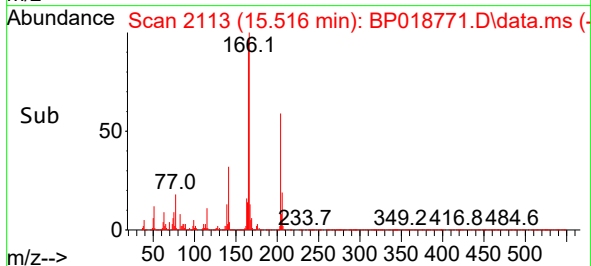
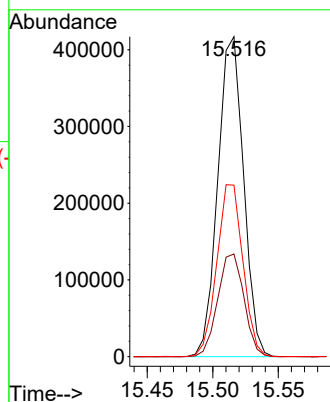
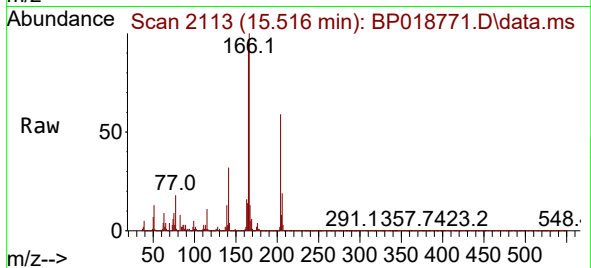




#62
4-Chlorophenyl-phenylether
Concen: 31.214 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

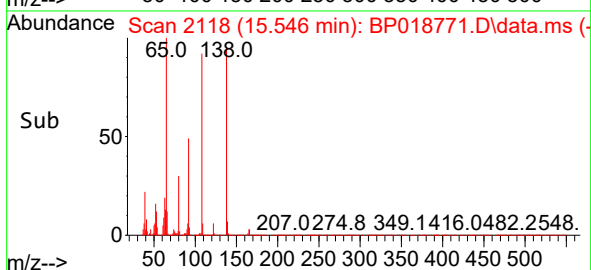
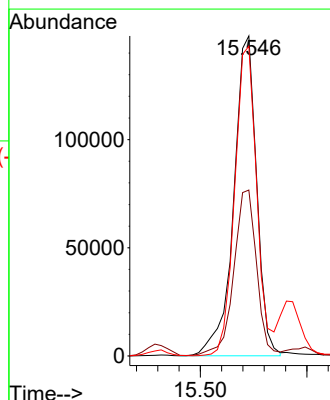
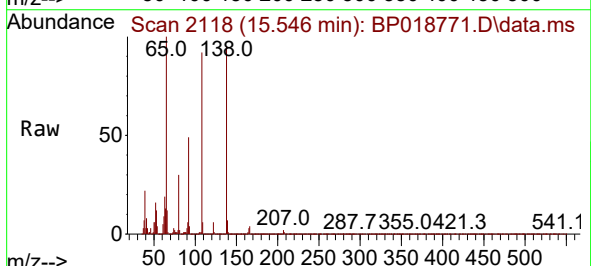
Instrument :
BNA_P
ClientSampleId :

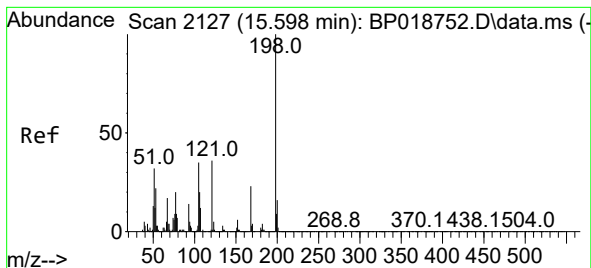
Tgt Ion:204 Resp: 569492
Ion Ratio Lower Upper
204 100
206 32.1 27.1 40.7
141 53.6 45.8 68.8



#63
4-Nitroaniline
Concen: 32.426 ng/ul
RT: 15.546 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:138 Resp: 221610
Ion Ratio Lower Upper
138 100
92 51.9 42.3 63.5
108 96.8 62.0 93.0#

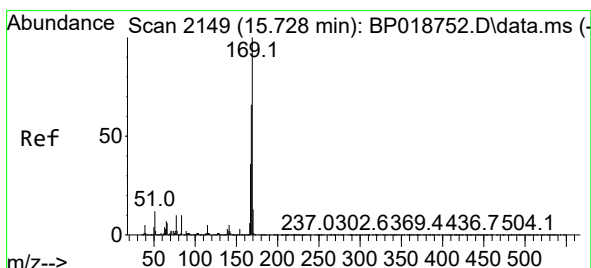
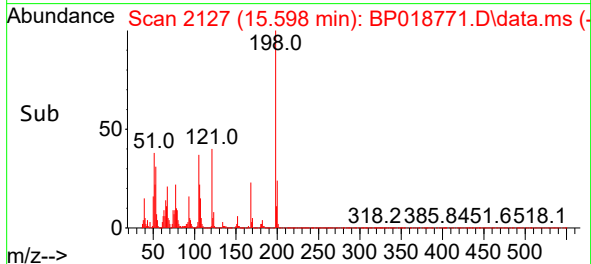
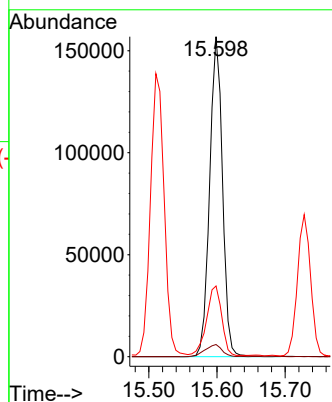
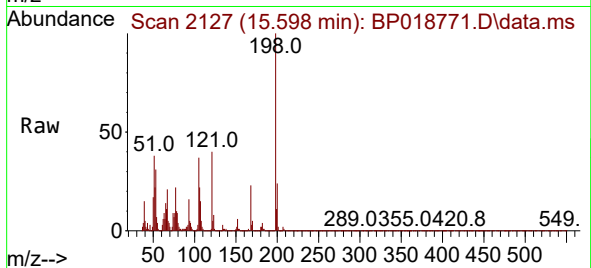




#66
4,6-Dinitro-2-methylphenol
Concen: 31.083 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

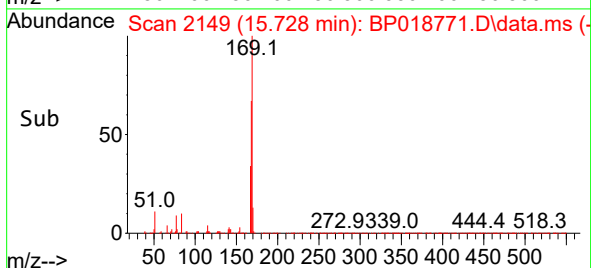
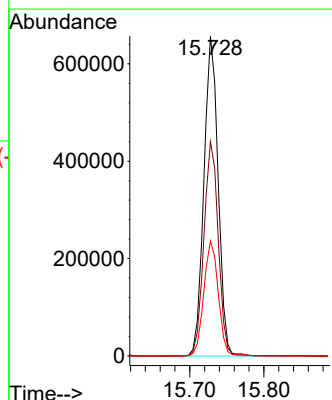
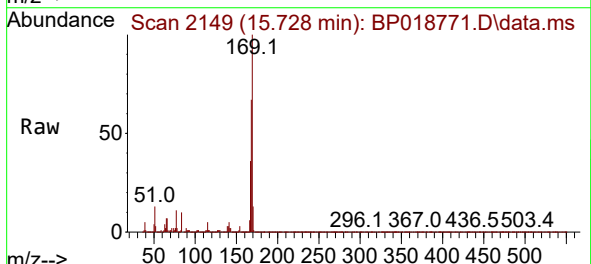
Instrument :
BNA_P
ClientSampleId :

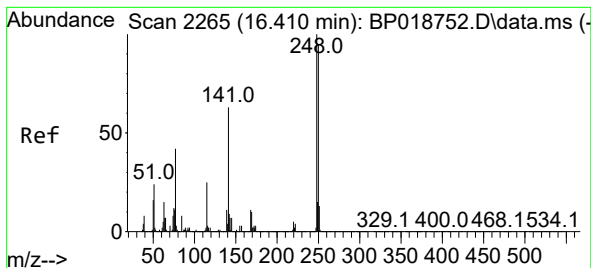
Tgt Ion:198 Resp: 205343
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.2
77 22.1 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 25.572 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:169 Resp: 873257
Ion Ratio Lower Upper
169 100
168 67.1 53.1 79.7
167 36.0 29.1 43.7

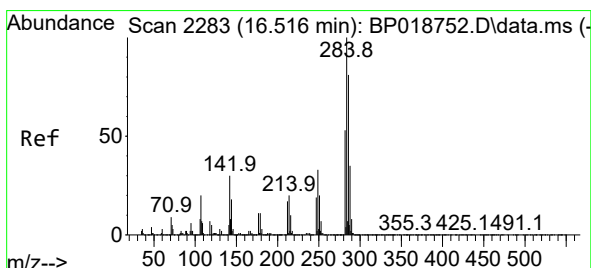
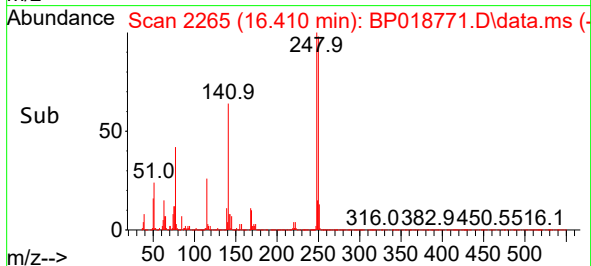
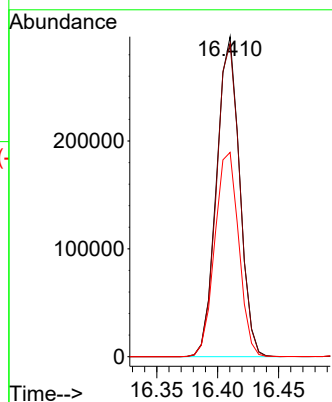
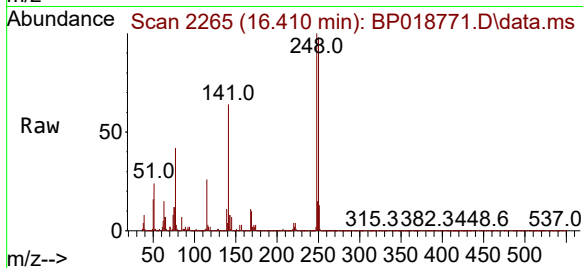




#68
4-Bromophenyl-phenylether
Concen: 30.059 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

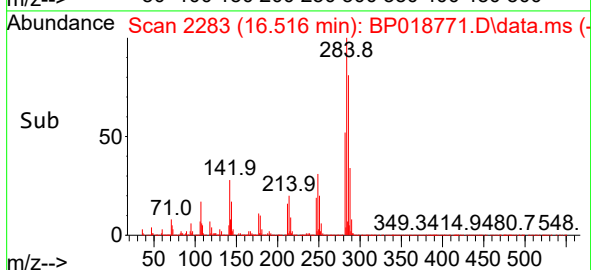
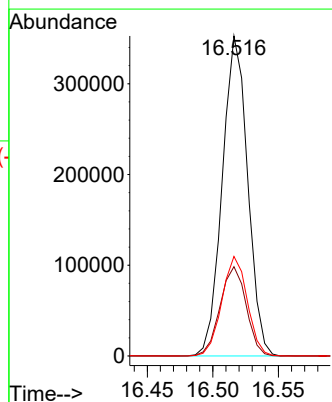
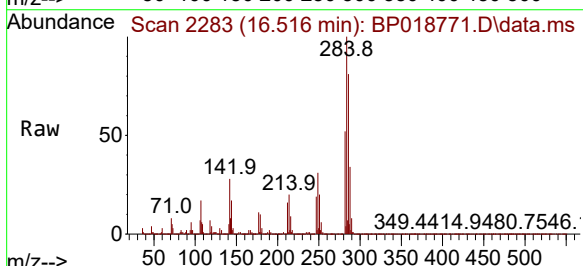
Instrument :
BNA_P
ClientSampleId :

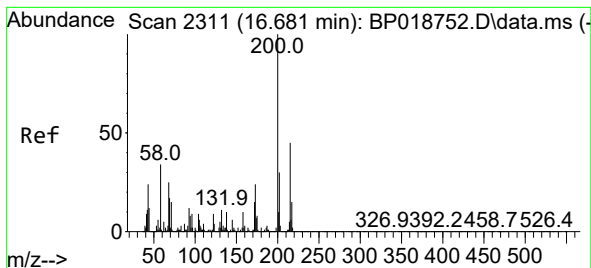
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.3	118.9
141	63.9	57.2	85.8



#69
Hexachlorobenzene
Concen: 32.701 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	25.8	38.6
249	31.1	24.9	37.3





#70

Atrazine

Concen: 24.985 ng/ul

RT: 16.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

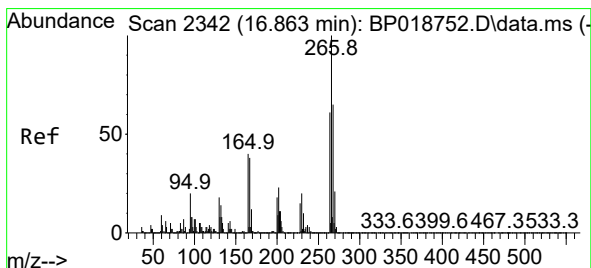
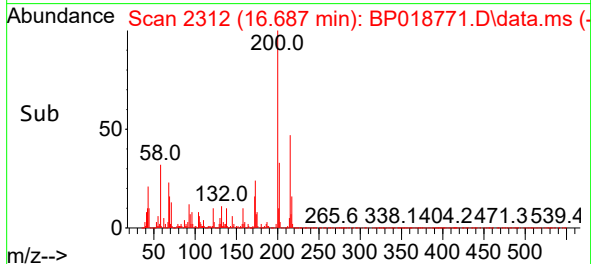
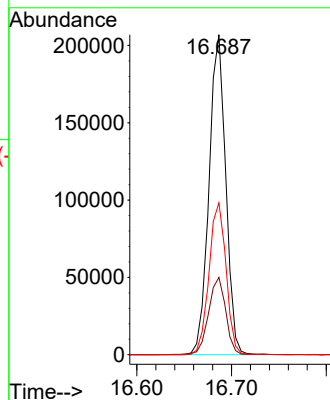
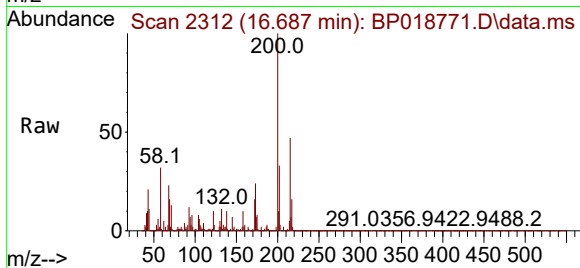
Tgt Ion:200 Resp: 253661

Ion Ratio Lower Upper

200 100

173 24.2 21.0 31.4

215 47.5 38.2 57.2



#71

Pentachlorophenol

Concen: 32.938 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

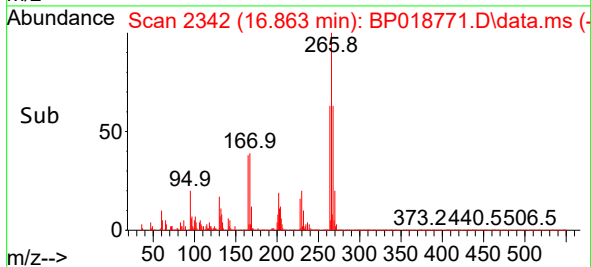
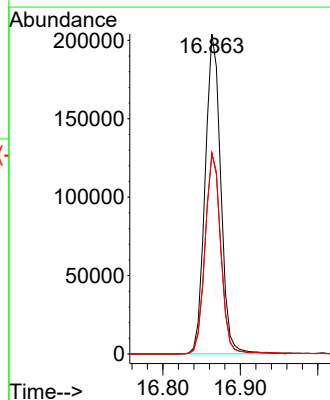
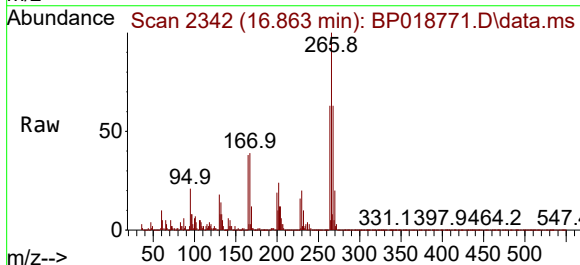
Tgt Ion:266 Resp: 284547

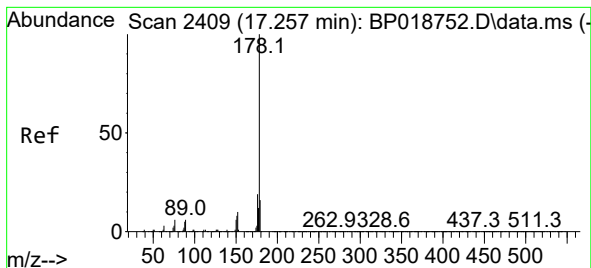
Ion Ratio Lower Upper

266 100

264 62.5 50.2 75.2

268 62.9 50.5 75.7

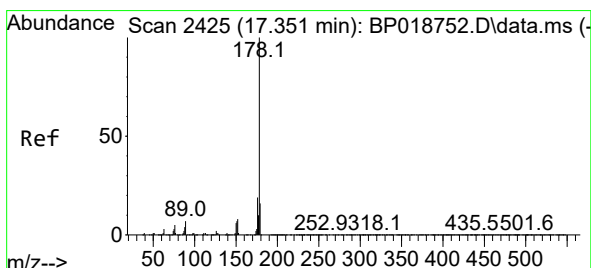
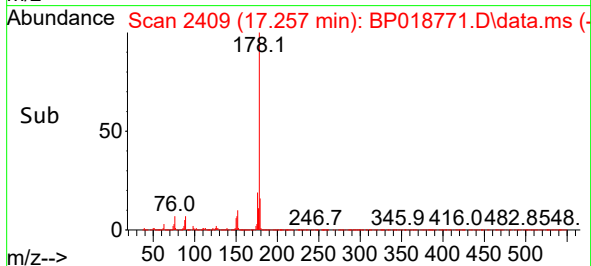
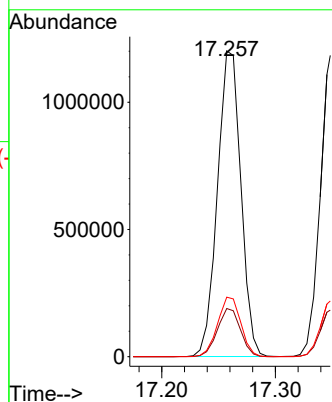
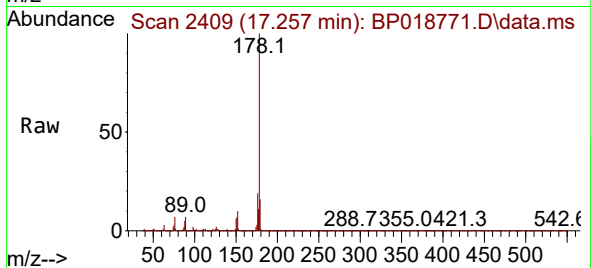




#72
Phenanthrene
Concen: 27.673 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

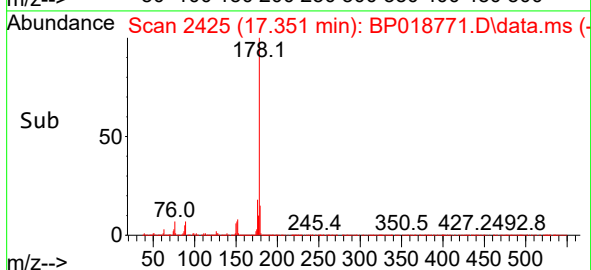
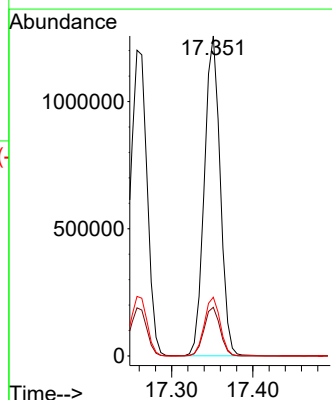
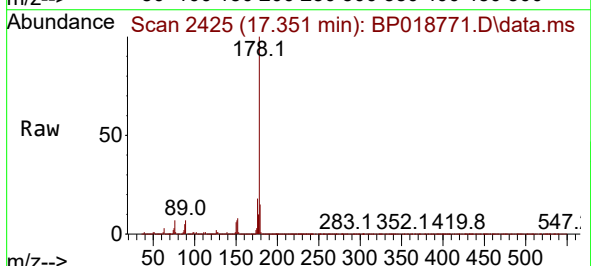
Instrument :
BNA_P
ClientSampleId :

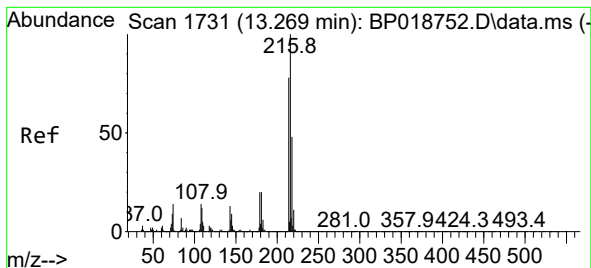
Tgt Ion:178 Resp: 1722322
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.4 23.2



#74
Anthracene
Concen: 27.256 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:178 Resp: 1700409
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.3 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.200 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

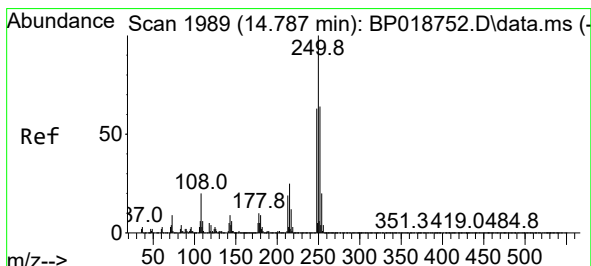
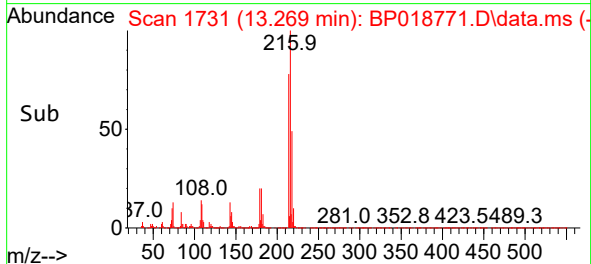
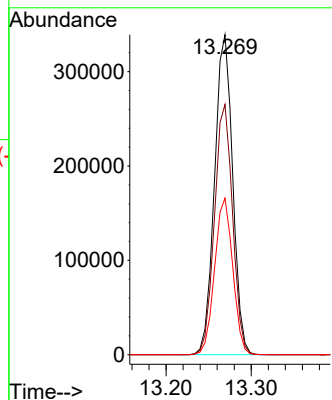
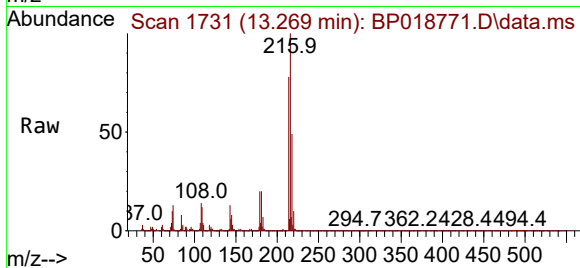
Tgt Ion:216 Resp: 502483

Ion Ratio Lower Upper

216 100

214 78.2 61.4 92.2

218 48.9 39.2 58.8



#76

Pentachlorobenzene

Concen: 30.016 ng/uL

RT: 14.787 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

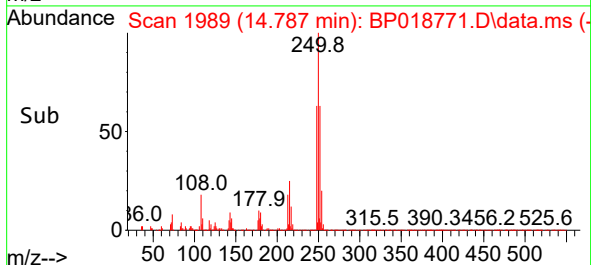
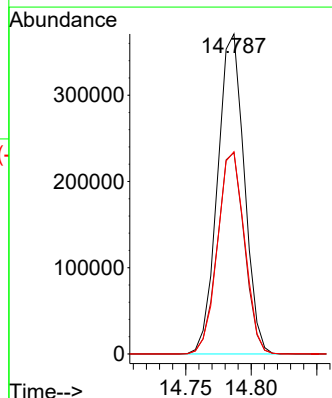
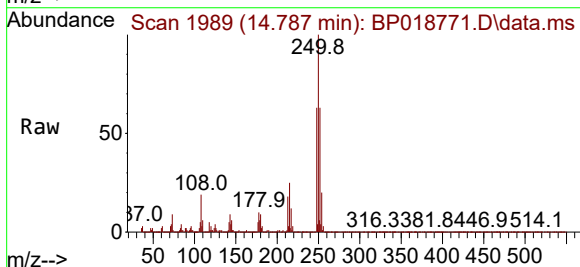
Tgt Ion:250 Resp: 525376

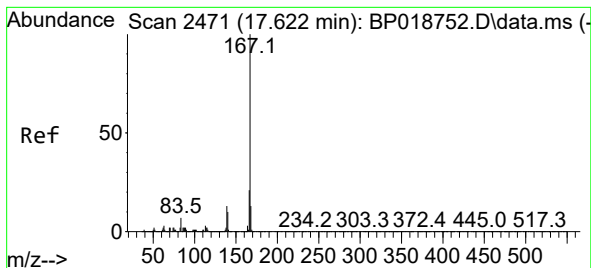
Ion Ratio Lower Upper

250 100

248 63.0 50.6 75.8

252 63.2 51.3 76.9





#77

Carbazole

Concen: 31.081 ng/ul

RT: 17.622 min Scan# 2471

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

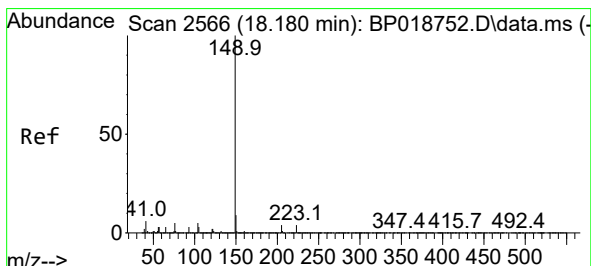
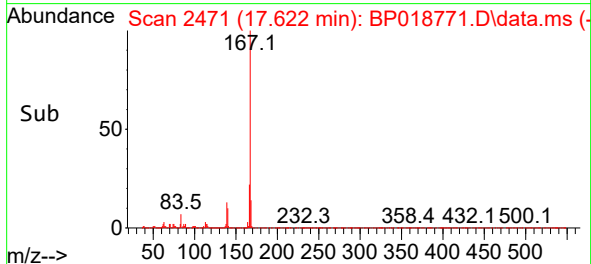
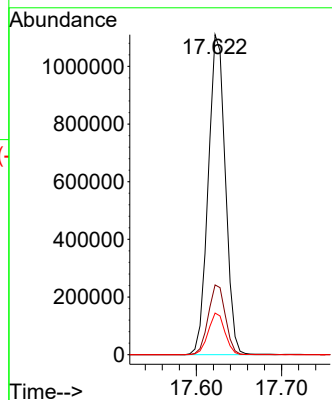
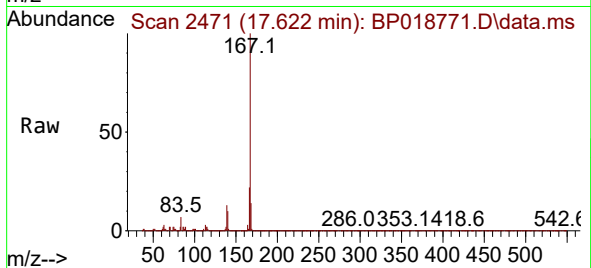
Tgt Ion:167 Resp: 1545412

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 28.644 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

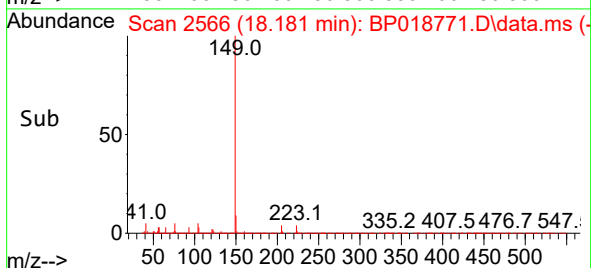
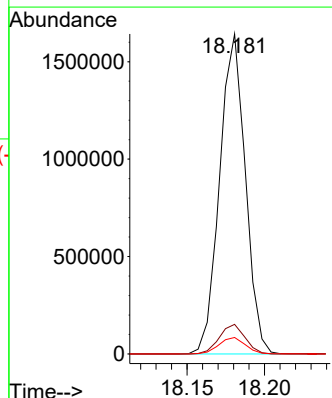
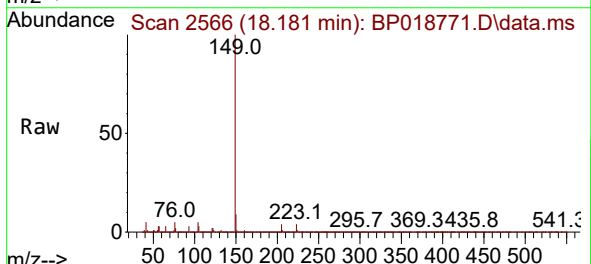
Tgt Ion:149 Resp: 1896426

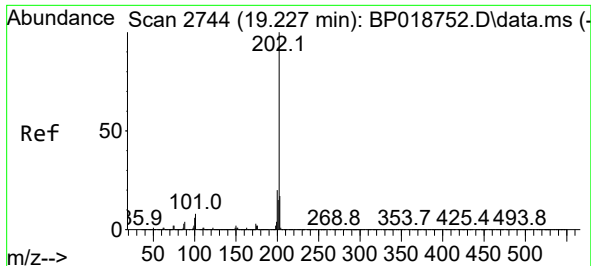
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 3.9 5.9

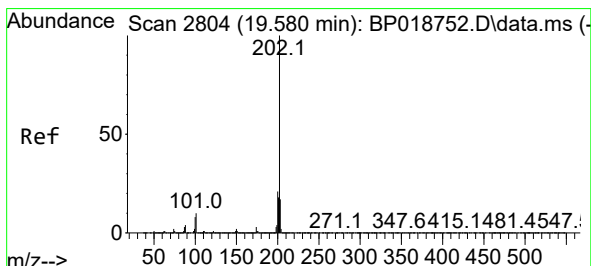
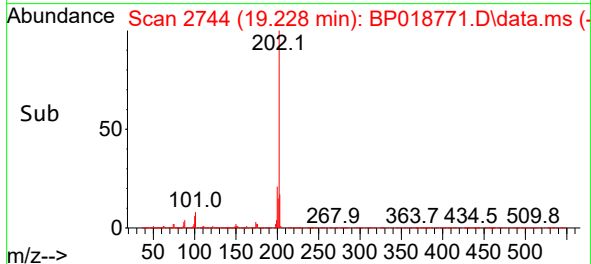
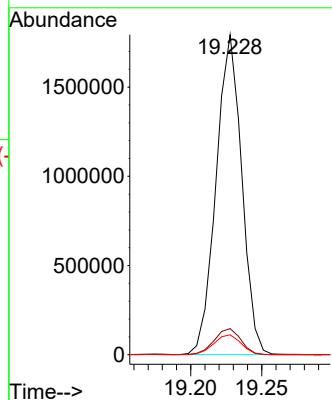
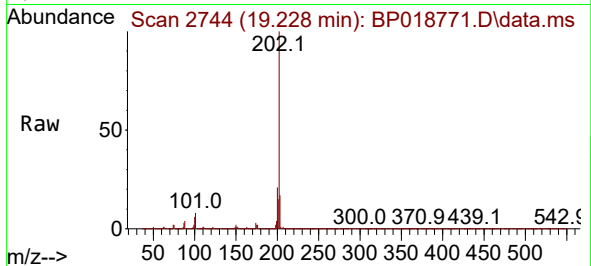




#80
Fluoranthene
Concen: 21.989 ng/ul
RT: 19.228 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

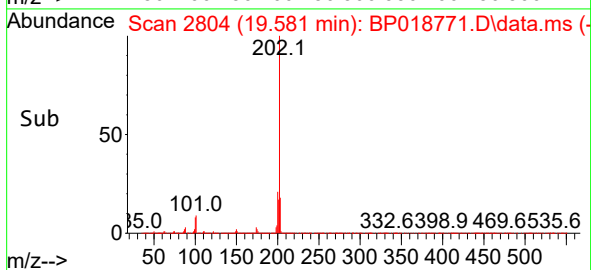
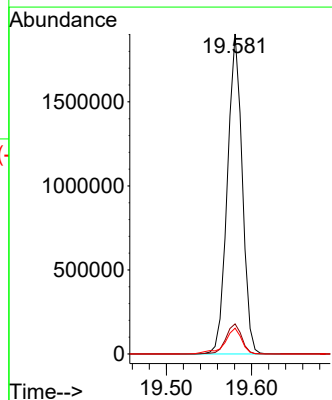
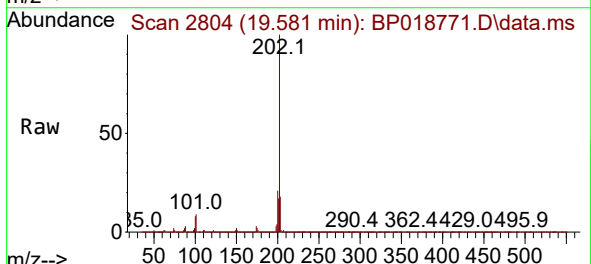
Instrument :
BNA_P
ClientSampleId :

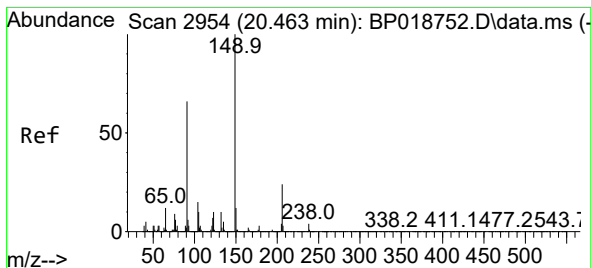
Tgt Ion:202 Resp: 2248041
Ion Ratio Lower Upper
202 100
101 8.2 9.1 13.7#
100 6.2 7.1 10.7#



#82
Pyrene
Concen: 22.334 ng/ul
RT: 19.581 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:202 Resp: 2303441
Ion Ratio Lower Upper
202 100
101 9.4 11.0 16.4#
100 8.1 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 23.749 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

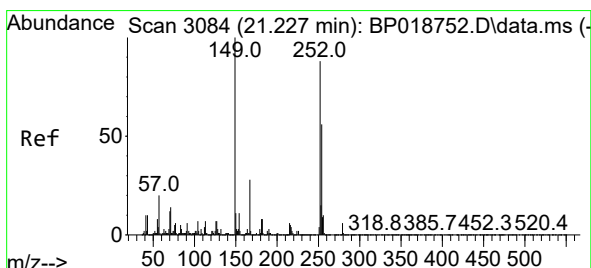
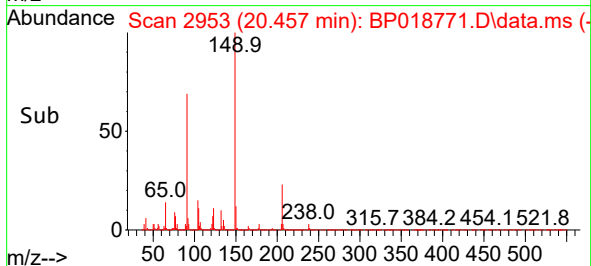
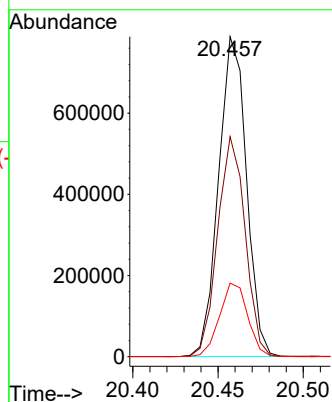
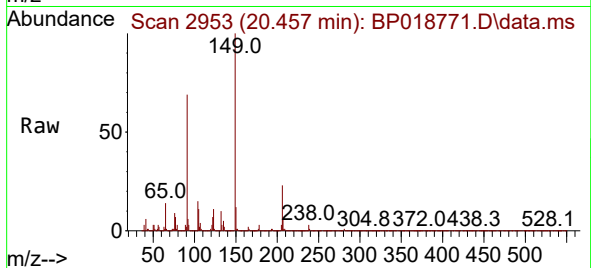
Tgt Ion:149 Resp: 896693

Ion Ratio Lower Upper

149 100

91 68.8 56.6 85.0

206 23.0 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 29.599 ng/ul

RT: 21.228 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

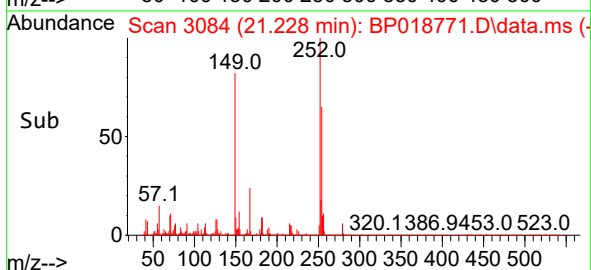
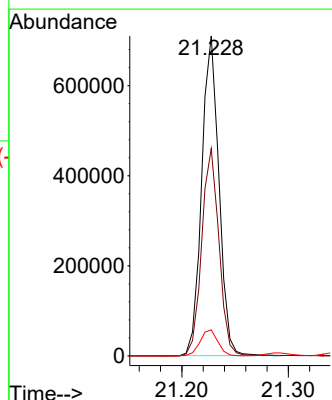
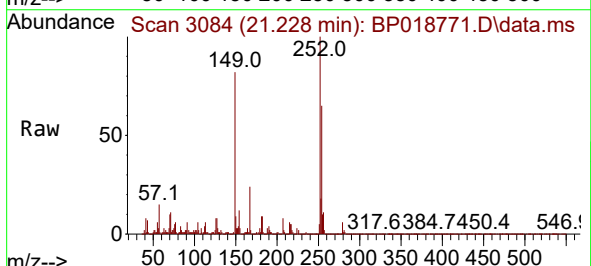
Tgt Ion:252 Resp: 799211

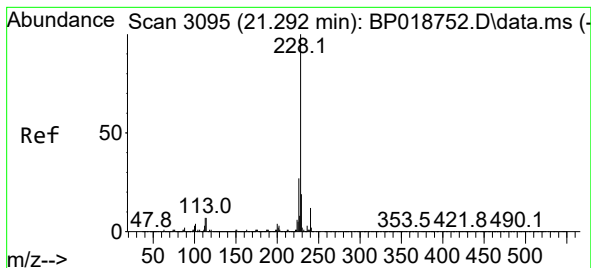
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 8.1 7.8 11.6





#85

Benzo(a)anthracene

Concen: 28.031 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

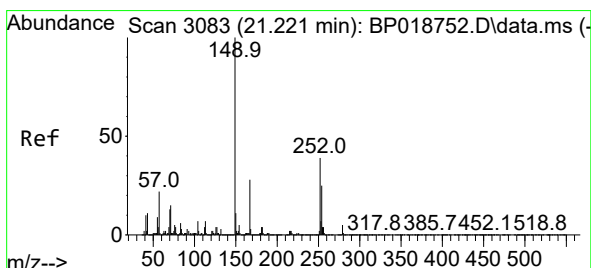
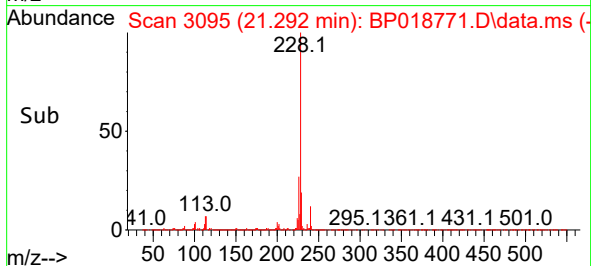
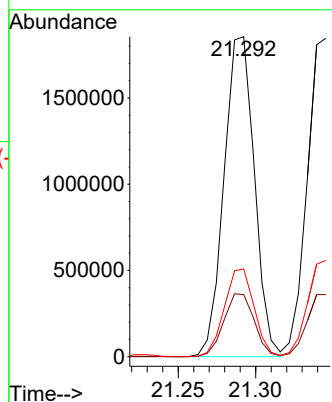
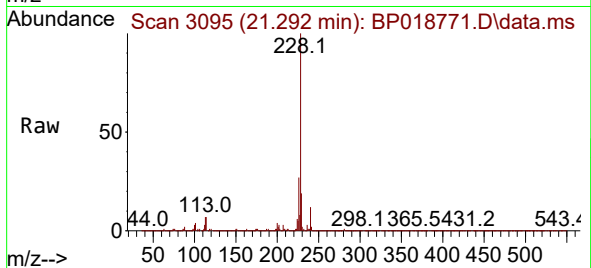
Tgt Ion:228 Resp: 2528014

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.215 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

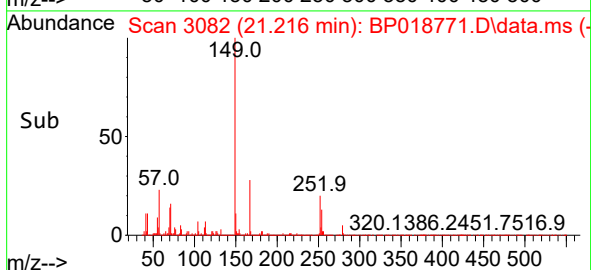
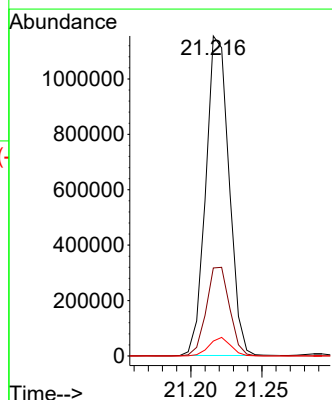
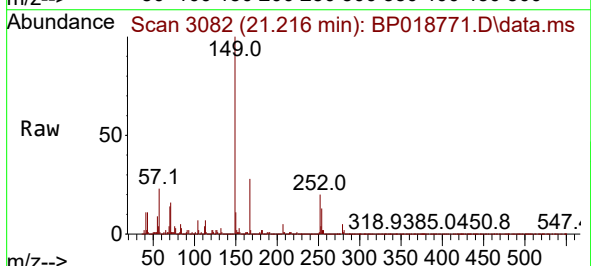
Tgt Ion:149 Resp: 1308580

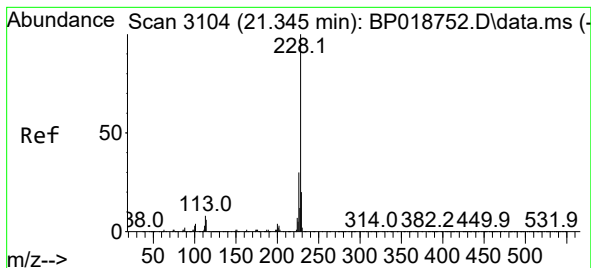
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.6 3.3 4.9





#87

Chrysene

Concen: 27.871 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

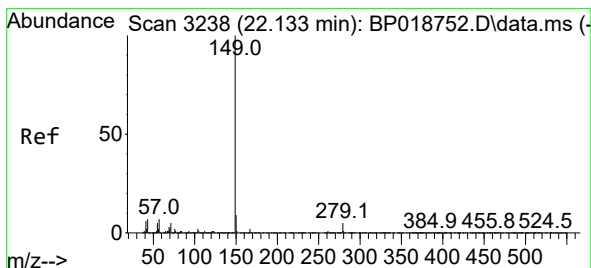
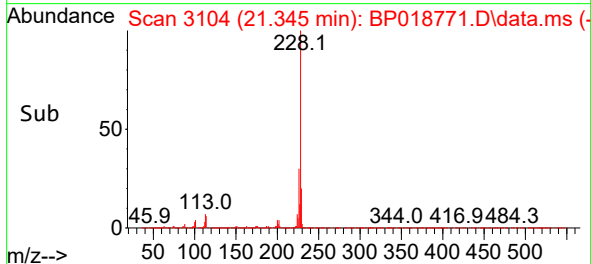
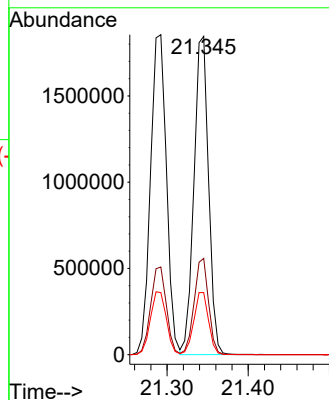
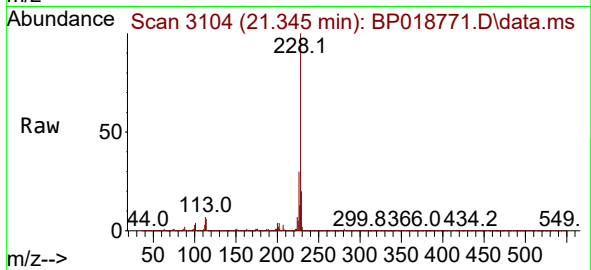
Tgt Ion:228 Resp: 2314712

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 24.769 ng/ul

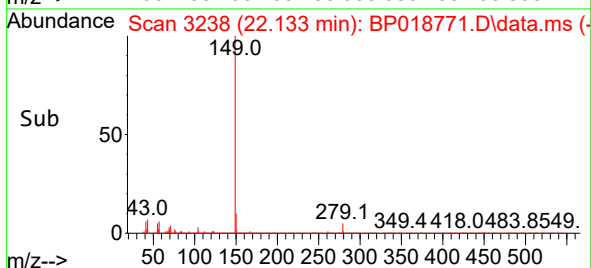
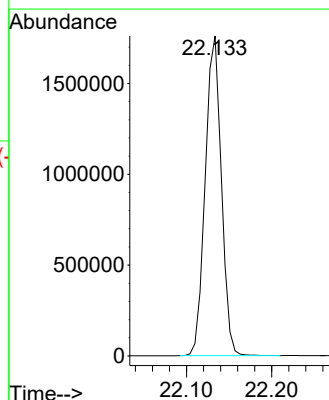
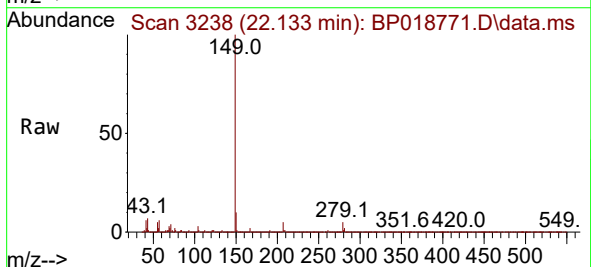
RT: 22.133 min Scan# 3238

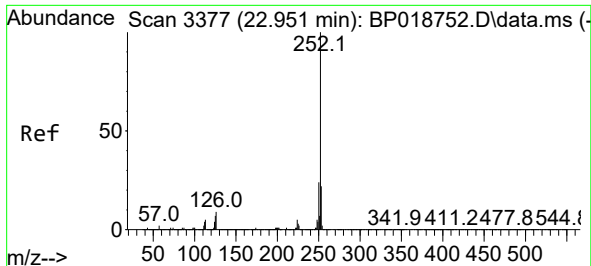
Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Tgt Ion:149 Resp: 2314908

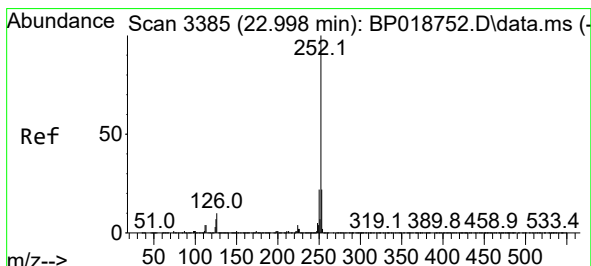
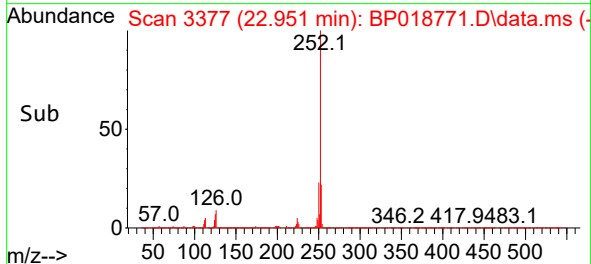
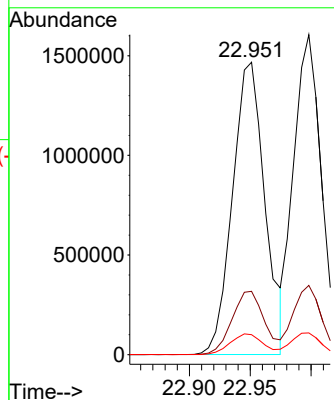
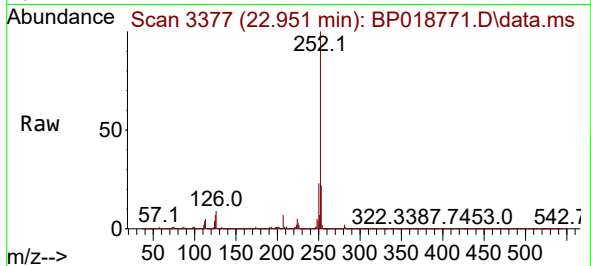




#90
Benzo(b)fluoranthene
Concen: 28.745 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

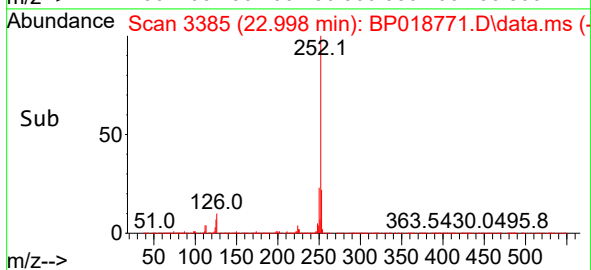
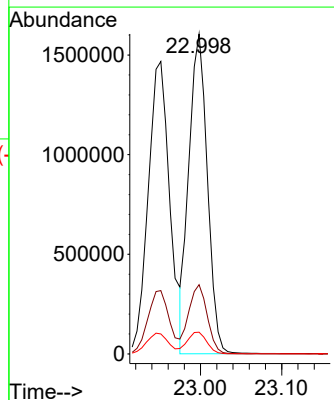
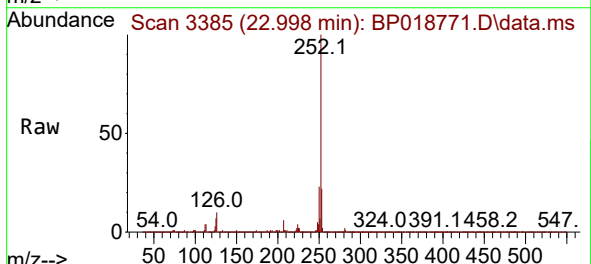
Instrument :
BNA_P
ClientSampleId :

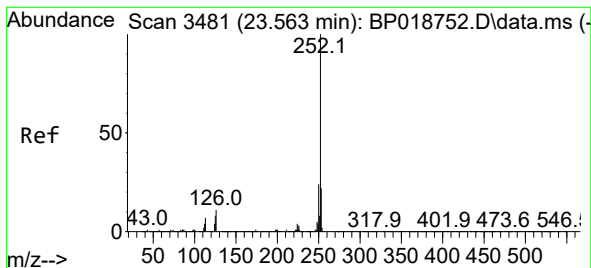
Tgt Ion:252 Resp: 2712923
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.8 7.8 11.6#



#91
Benzo(k)fluoranthene
Concen: 27.835 ng/ul
RT: 22.998 min Scan# 3385
Delta R.T. -0.006 min
Lab File: BP018771.D
Acq: 12 Dec 2023 16:53

Tgt Ion:252 Resp: 2541806
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.8 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 28.392 ng/ul

RT: 23.569 min Scan# 3481

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

Instrument :

BNA_P

ClientSampleId :

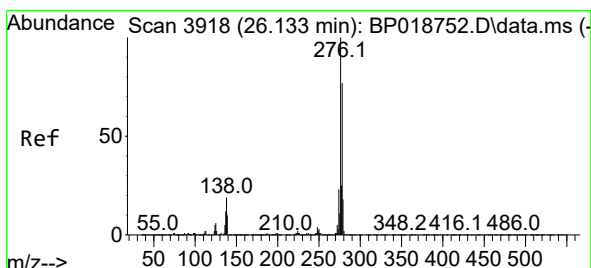
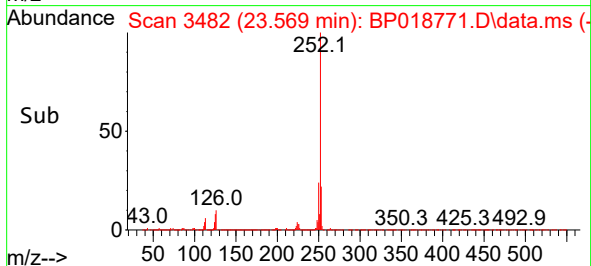
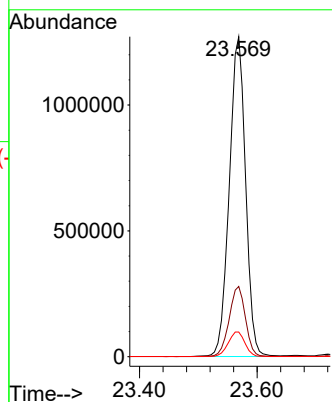
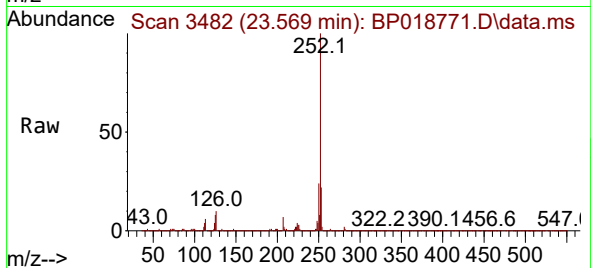
Tgt Ion:252 Resp: 2448436

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.7 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.468 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.006 min

Lab File: BP018771.D

Acq: 12 Dec 2023 16:53

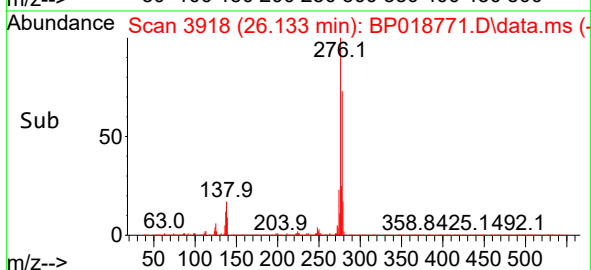
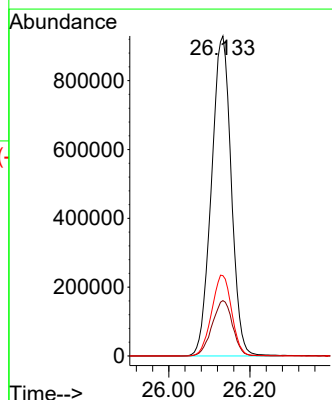
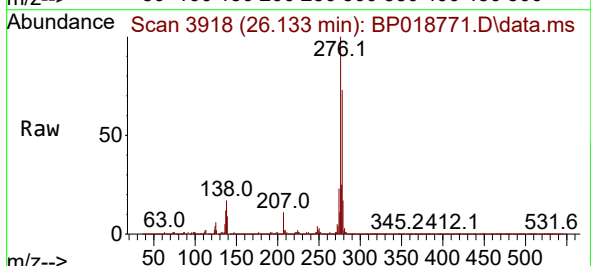
Tgt Ion:276 Resp: 3139241

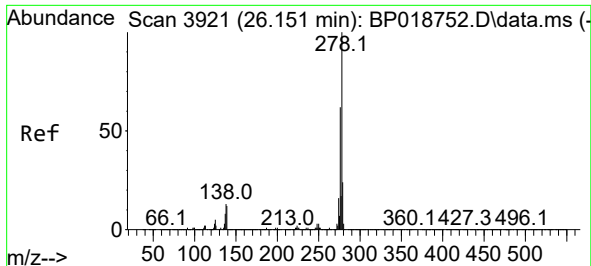
Ion Ratio Lower Upper

276 100

138 17.3 19.4 29.2#

277 25.1 19.8 29.6

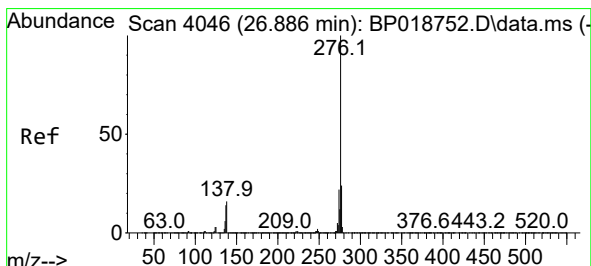
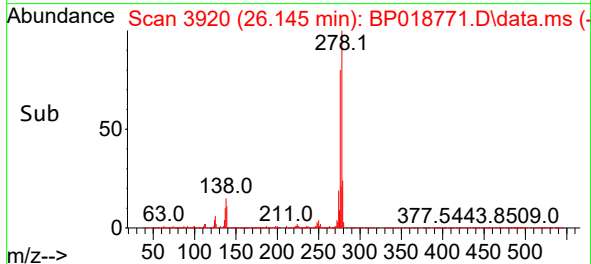
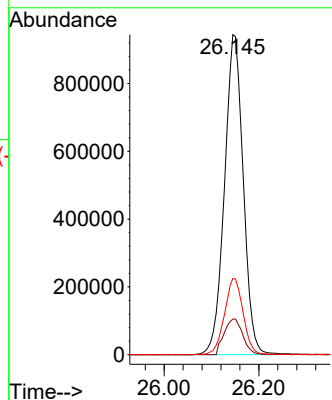
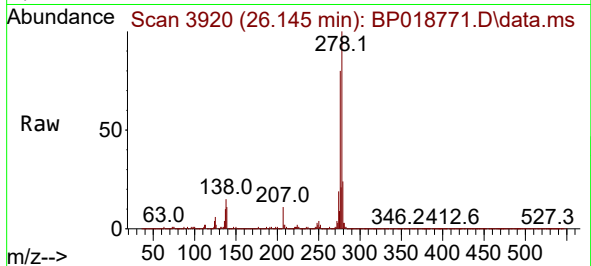




#95
 Dibenzo(a,h)anthracene
 Concen: 30.323 ng/ul
 RT: 26.145 min Scan# 3921
 Delta R.T. -0.017 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 2599020
 Ion Ratio Lower Upper
 278 100
 139 11.1 13.0 19.6#
 279 23.8 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 30.491 ng/ul
 RT: 26.886 min Scan# 4046
 Delta R.T. -0.017 min
 Lab File: BP018771.D
 Acq: 12 Dec 2023 16:53

Tgt Ion:276 Resp: 2528265
 Ion Ratio Lower Upper
 276 100
 138 16.2 18.1 27.1#
 277 24.0 19.4 29.0

