

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024090.D
 Acq On : 18 Feb 2025 19:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 19 00:15:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	460288	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1982904	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	1218458	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	2041921	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1766633	20.000	ng	0.00
86) Perylene-d12	25.033	264	1833493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2281381	77.338	ng	0.00
7) Phenol-d6	6.946	99	3266516	86.156	ng	0.00
23) Nitrobenzene-d5	8.910	82	2882881	81.110	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1141074	76.455	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6798671	78.005	ng	0.00
79) Terphenyl-d14	19.916	244	7878163	88.241	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	412885	35.680	ng	99
3) Pyridine	3.705	79	1049380	34.880	ng	99
4) n-Nitrosodimethylamine	3.616	42	434273	40.693	ng	100
6) Aniline	7.093	93	1525302	43.930	ng	99
8) 2-Chlorophenol	7.334	128	1283868	41.120	ng	97
9) Benzaldehyde	6.910	77	767756	44.354	ng	99
10) Phenol	6.969	94	1638659	42.981	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	1282838	42.721	ng	99
12) 1,3-Dichlorobenzene	7.651	146	1347002	39.270	ng	99
13) 1,4-Dichlorobenzene	7.793	146	1385763	39.949	ng	99
14) 1,2-Dichlorobenzene	8.110	146	1327225	39.868	ng	99
15) Benzyl Alcohol	7.999	79	1040526	44.835	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1253855	43.014	ng	99
17) 2-Methylphenol	8.204	107	1026677	44.190	ng	99
18) Hexachloroethane	8.828	117	496214	39.721	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	984834	48.311	ng	99
20) 3+4-Methylphenols	8.528	107	1410088	44.614	ng	98
22) Acetophenone	8.575	105	2051647	40.264	ng	100
24) Nitrobenzene	8.951	77	1404696	40.157	ng	99
25) Isophorone	9.475	82	2458697	42.301	ng	99
26) 2-Nitrophenol	9.657	139	667140	41.397	ng	99
27) 2,4-Dimethylphenol	9.722	122	849012	40.134	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	1696021	40.280	ng	99
29) 2,4-Dichlorophenol	10.187	162	1173221	40.639	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	1265432	38.257	ng	99
31) Naphthalene	10.587	128	4131715	38.752	ng	99
32) Benzoic acid	9.869	122	807775	38.204	ng	97
33) 4-Chloroaniline	10.693	127	1531566	40.775	ng	99
34) Hexachlorobutadiene	10.875	225	717693	37.461	ng	99
35) Caprolactam	11.487	113	350063	37.394	ng	95
36) 4-Chloro-3-methylphenol	11.828	107	1237505	41.698	ng	99
37) 2-Methylnaphthalene	12.198	142	2850213	40.220	ng	99
38) 1-Methylnaphthalene	12.416	142	2773669	40.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1396088	37.291	ng	99
41) Hexachlorocyclopentadiene	12.551	237	532736	38.241	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	894477	39.177	ng	99

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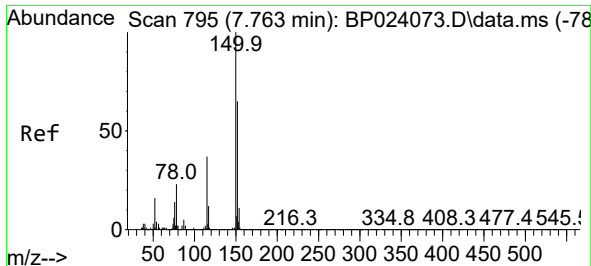
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	969664	38.834	ng	98
46) 1,1'-Biphenyl	13.210	154	3589098	37.907	ng	99
47) 2-Chloronaphthalene	13.251	162	2705485	37.800	ng	99
48) 2-Nitroaniline	13.457	65	697079	41.229	ng	98
49) Acenaphthylene	14.110	152	4192085	39.753	ng	99
50) Dimethylphthalate	13.845	163	3273651	38.089	ng	100
51) 2,6-Dinitrotoluene	13.957	165	698641	39.904	ng	100
52) Acenaphthene	14.457	154	2642409	38.912	ng	99
53) 3-Nitroaniline	14.292	138	743583	39.801	ng	97
54) 2,4-Dinitrophenol	14.498	184	340002	34.371	ng	98
55) Dibenzofuran	14.792	168	4154406	37.659	ng	100
56) 4-Nitrophenol	14.616	139	584126	36.195	ng	98
57) 2,4-Dinitrotoluene	14.757	165	871931	38.338	ng	95
58) Fluorene	15.457	166	3313255	38.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	811686	37.468	ng	98
60) Diethylphthalate	15.228	149	3204613	37.560	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1611882	38.011	ng	99
62) 4-Nitroaniline	15.475	138	750291	34.886	ng	99
63) Azobenzene	15.745	77	3177126	39.739	ng	98
65) 4,6-Dinitro-2-methylph...	15.533	198	464311	36.977	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2625461	41.231	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	925576	40.366	ng	98
68) Hexachlorobenzene	16.480	284	1063761	39.426	ng	99
69) Atrazine	16.639	200	650124	39.784	ng	99
70) Pentachlorophenol	16.833	266	681557	38.893	ng	99
71) Phenanthrene	17.227	178	4482765	38.940	ng	99
72) Anthracene	17.327	178	4377030	39.676	ng	99
73) Carbazole	17.604	167	4062613	38.651	ng	99
74) Di-n-butylphthalate	18.198	149	4974965	40.564	ng	99
75) Fluoranthene	19.321	202	4682213	35.959	ng	99
77) Benzidine	19.516	184	590671	27.438	ng	100
78) Pyrene	19.698	202	4862969	43.336	ng	99
80) Butylbenzylphthalate	20.651	149	1850427	43.033	ng	97
81) Benzo(a)anthracene	21.627	228	4397922	39.701	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1328838	38.388	ng	98
83) Chrysene	21.698	228	4234811	39.645	ng	100
84) Bis(2-ethylhexyl)phtha...	21.568	149	2868623	43.992	ng	100
85) Di-n-octyl phthalate	22.868	149	4378168	42.006	ng	99
87) Indeno(1,2,3-cd)pyrene	28.868	276	2277632	17.462	ng	# 91
88) Benzo(b)fluoranthene	23.962	252	4534643	38.947	ng	99
89) Benzo(k)fluoranthene	24.033	252	4515429	39.843	ng	99
90) Benzo(a)pyrene	24.874	252	3912125	39.592	ng	99
91) Dibenzo(a,h)anthracene	28.956	278	4311346	39.311	ng	100
92) Benzo(g,h,i)perylene	30.062	276	4330859	38.915	ng	99

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

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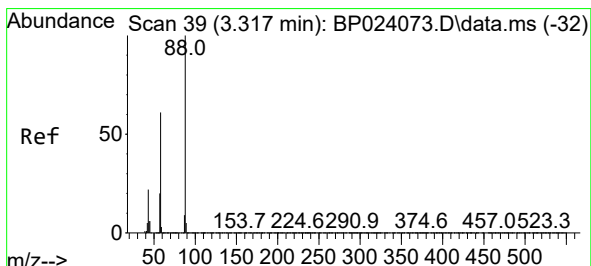
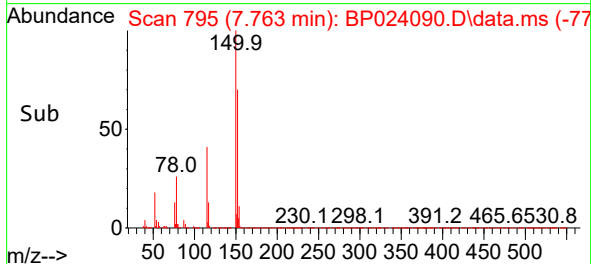
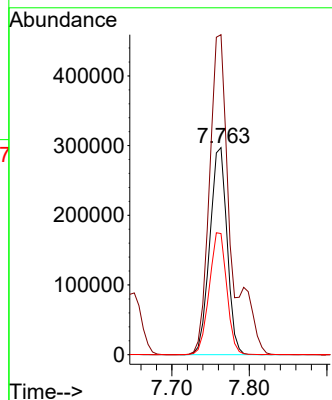
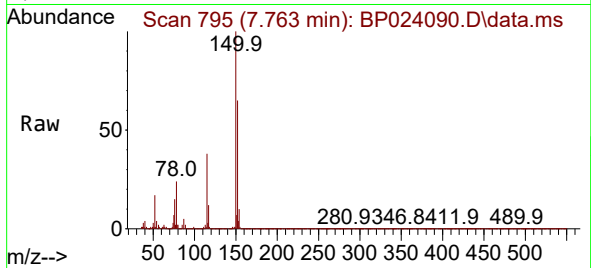




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP024090.D
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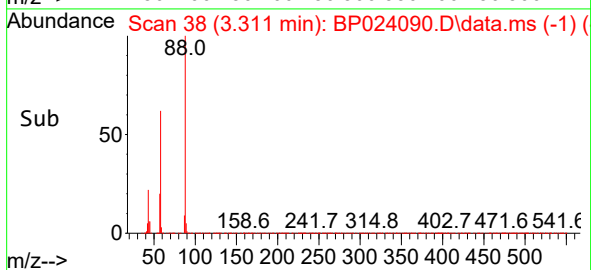
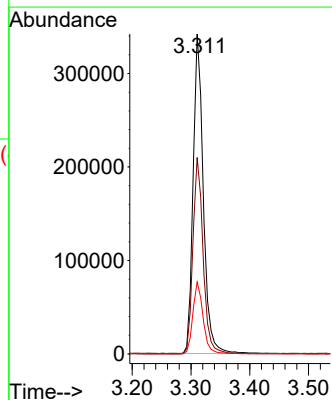
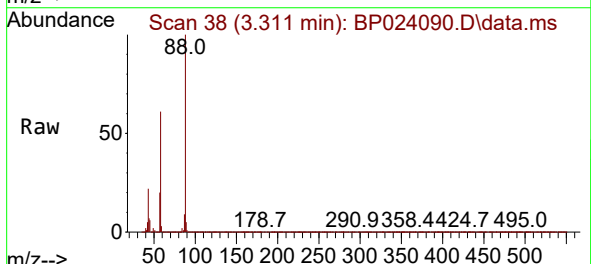
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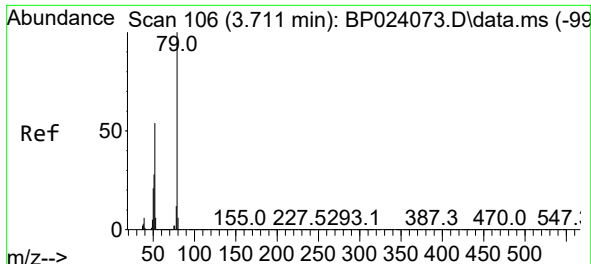
Tgt Ion:152 Resp: 460288
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.4 183.6
 115 58.5 45.0 67.6



#2
 1,4-Dioxane
 Concen: 35.680 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BP024090.D
 Acq: 18 Feb 2025 19:20

Tgt Ion: 88 Resp: 412885
 Ion Ratio Lower Upper
 88 100
 58 62.0 49.1 73.7
 43 22.7 18.0 27.0

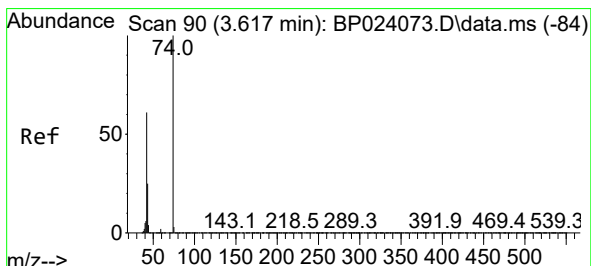
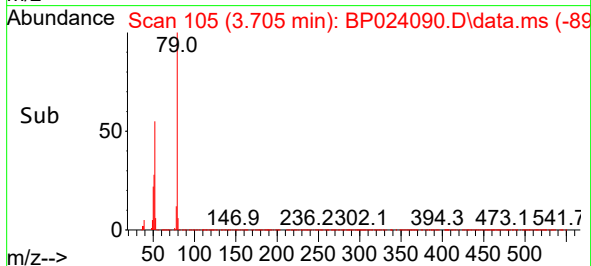
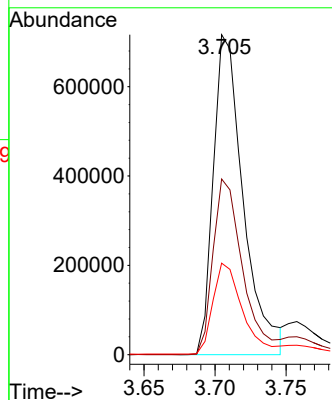
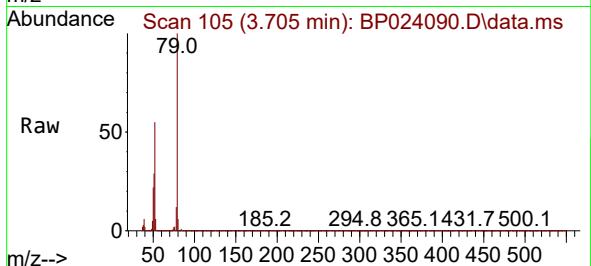




#3
Pyridine
Concen: 34.880 ng
RT: 3.705 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024090.D
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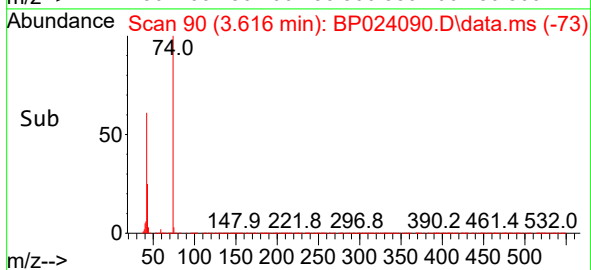
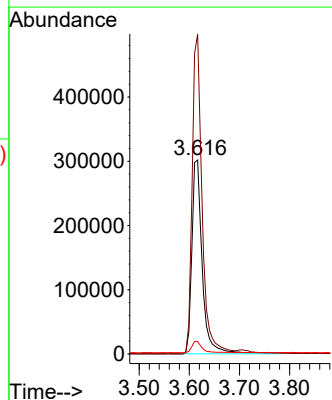
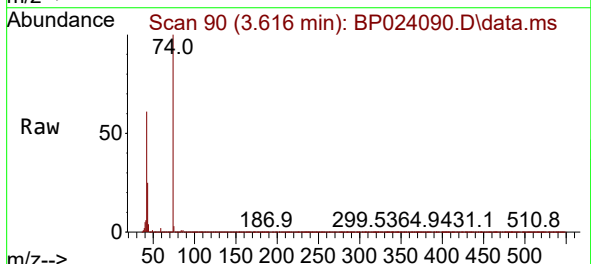
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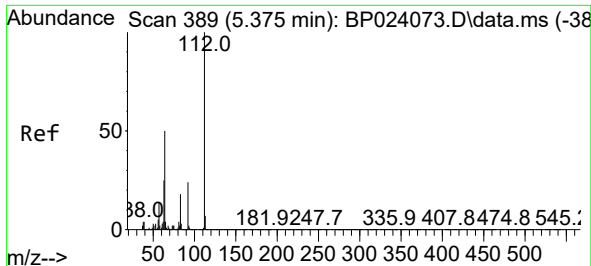
Tgt Ion: 79 Resp: 1049380
Ion Ratio Lower Upper
79 100
52 54.9 43.5 65.3
51 28.6 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 40.693 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 42 Resp: 434273
Ion Ratio Lower Upper
42 100
74 165.1 132.0 198.0
44 6.4 5.3 7.9

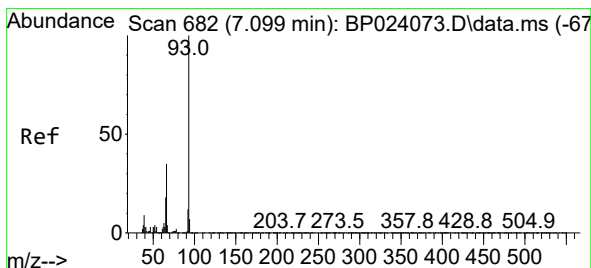
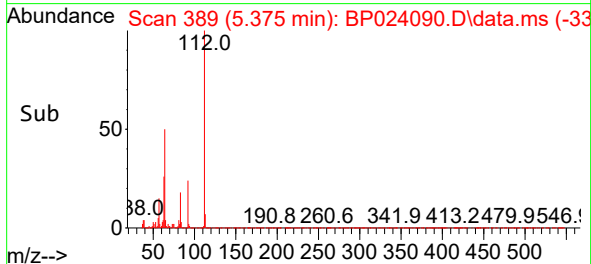
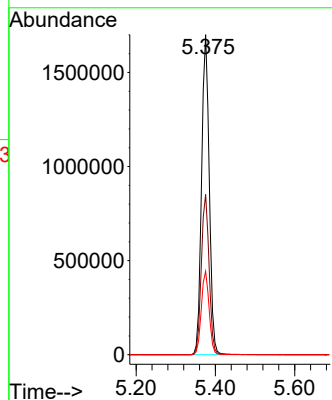
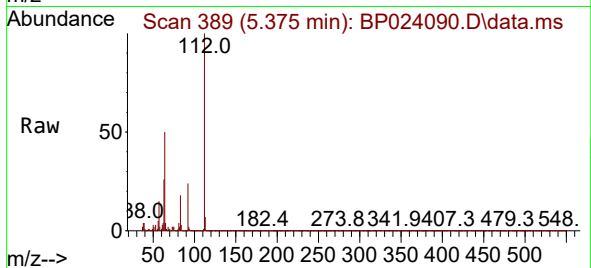




#5
2-Fluorophenol
Concen: 77.338 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

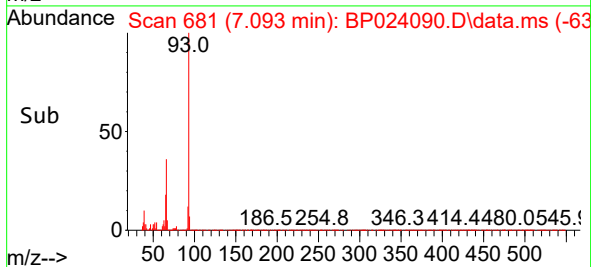
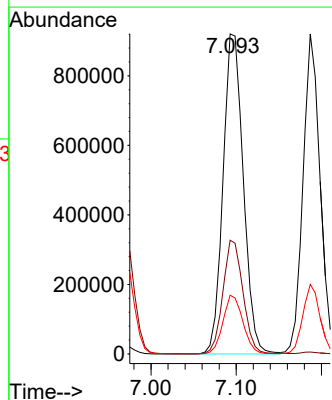
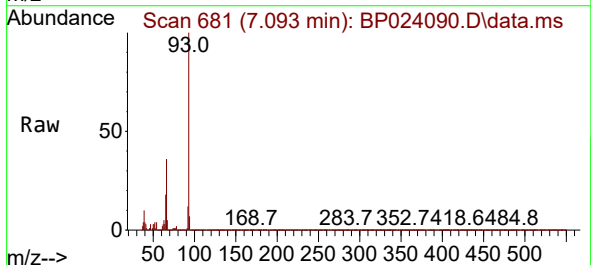
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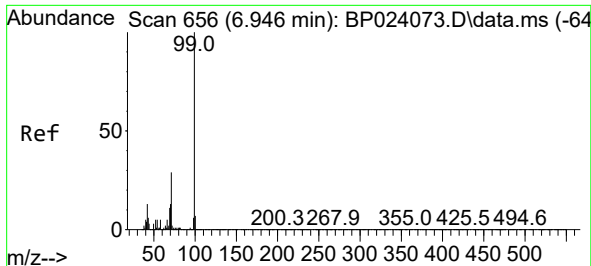
Tgt Ion:112 Resp: 2281381
Ion Ratio Lower Upper
112 100
64 50.1 39.6 59.4
63 26.0 20.3 30.5



#6
Aniline
Concen: 43.930 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024090.D
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Tgt Ion: 93 Resp: 1525302
Ion Ratio Lower Upper
93 100
66 35.5 28.2 42.4
65 18.3 14.1 21.1

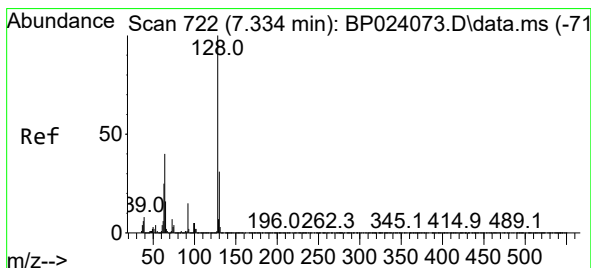
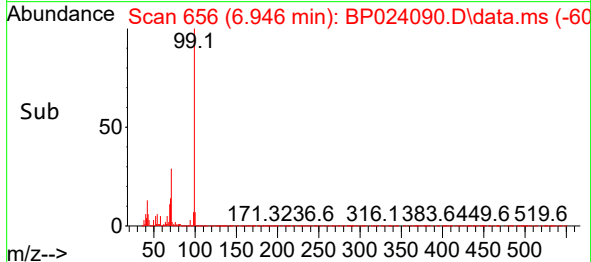
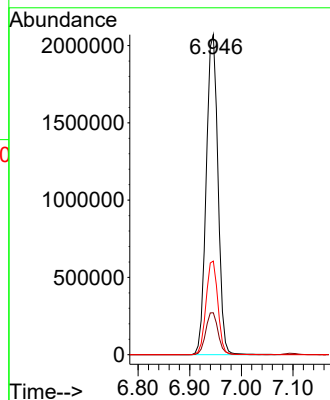
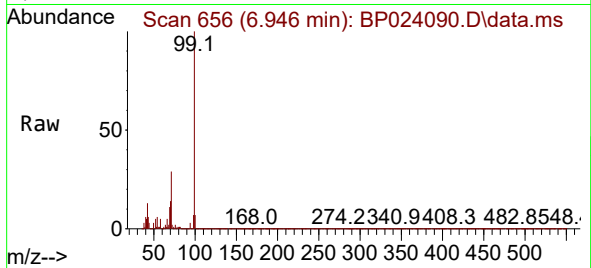




#7
Phenol-d6
Concen: 86.156 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024090.D
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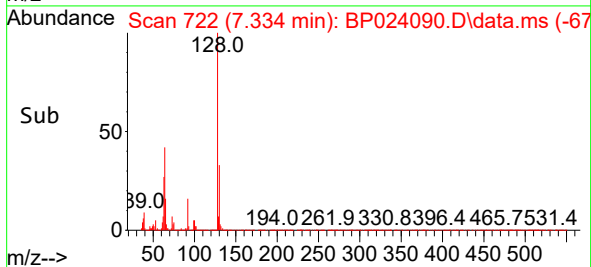
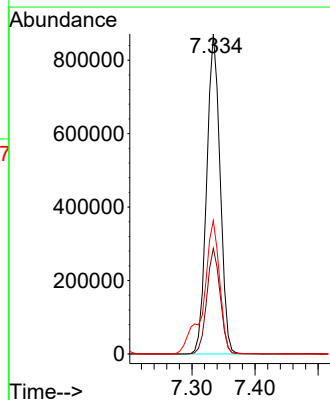
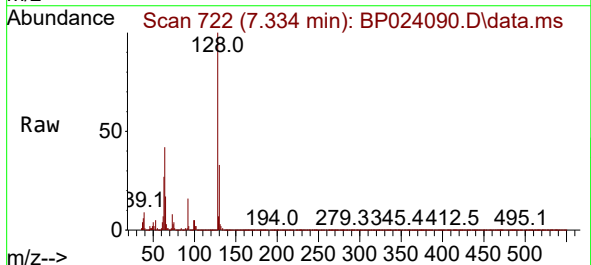
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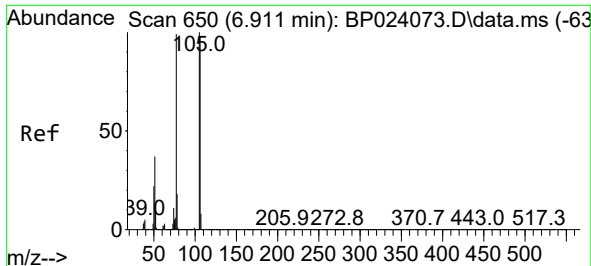
Tgt Ion: 99 Resp: 3266516
Ion Ratio Lower Upper
99 100
42 13.1 10.3 15.5
71 29.2 22.9 34.3



#8
2-Chlorophenol
Concen: 41.120 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP024090.D
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Tgt Ion:128 Resp: 1283868
Ion Ratio Lower Upper
128 100
130 33.0 11.5 51.5
64 41.6 19.8 59.8

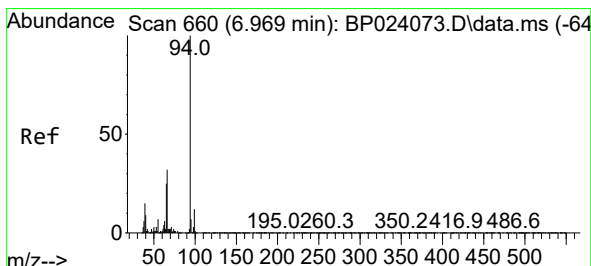
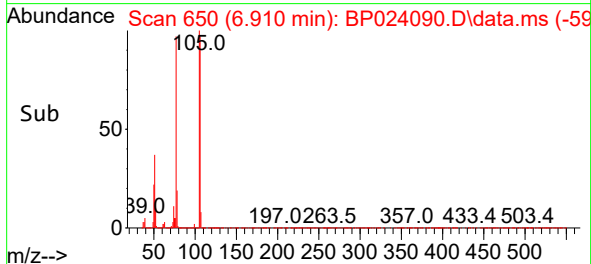
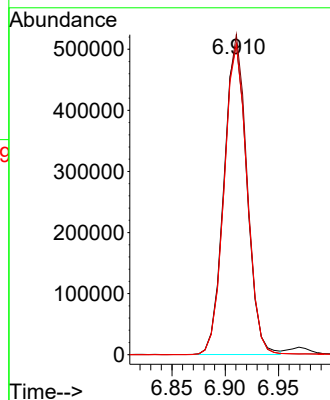
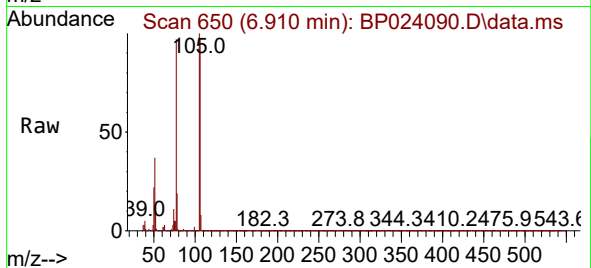




#9
Benzaldehyde
Concen: 44.354 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

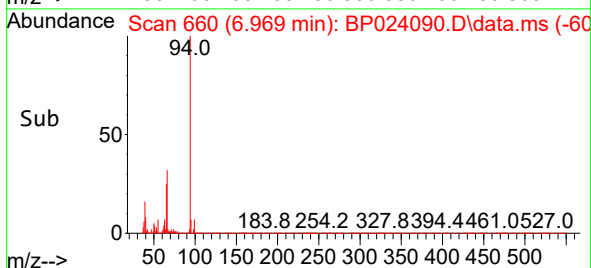
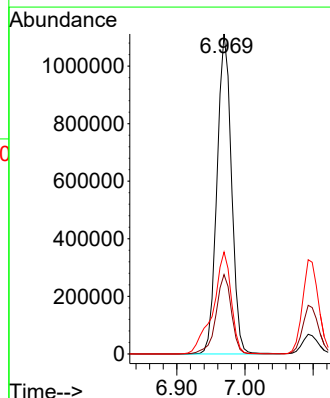
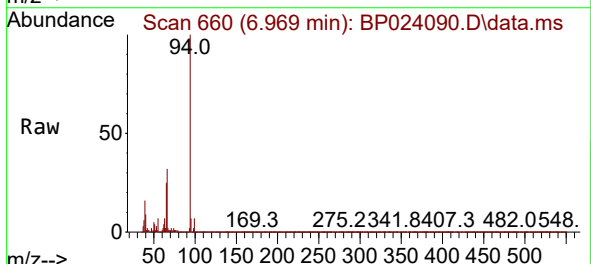
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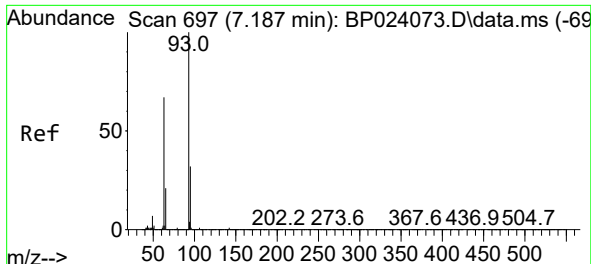
Tgt Ion: 77 Resp: 767756
Ion Ratio Lower Upper
77 100
105 103.0 81.4 121.4
106 99.9 79.0 119.0



#10
Phenol
Concen: 42.981 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP024090.D
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Tgt Ion: 94 Resp: 1638659
Ion Ratio Lower Upper
94 100
65 24.8 5.0 45.0
66 31.8 11.6 51.6



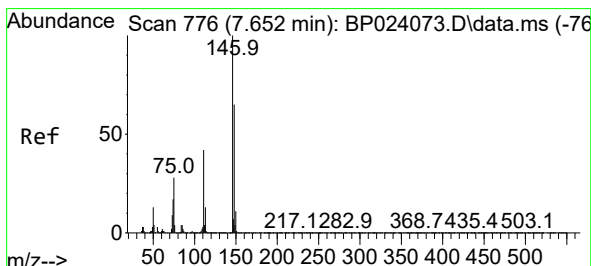
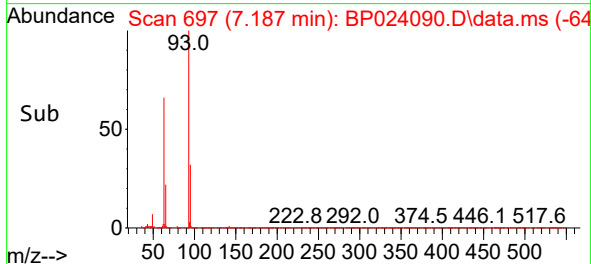
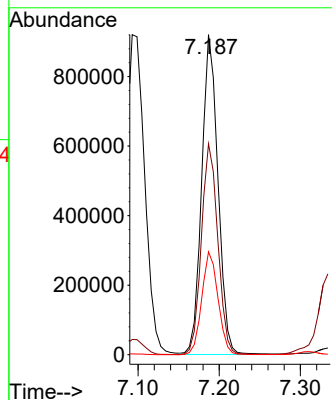
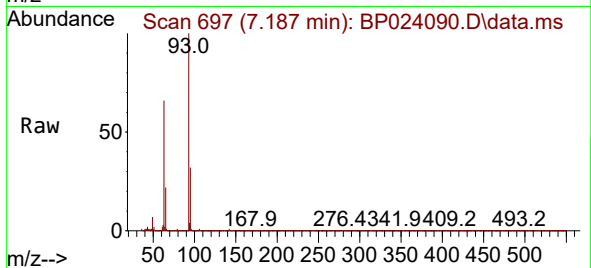


#11
bis(2-Chloroethyl)ether
Concen: 42.721 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1282838

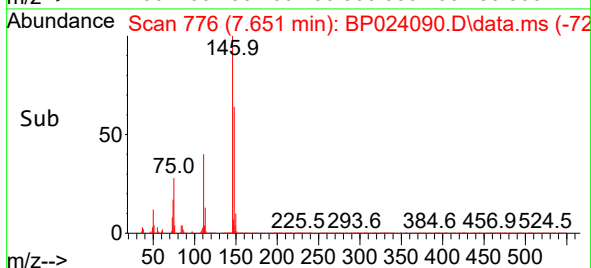
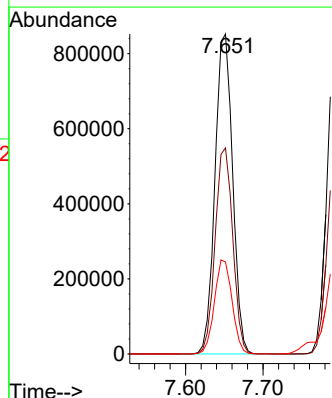
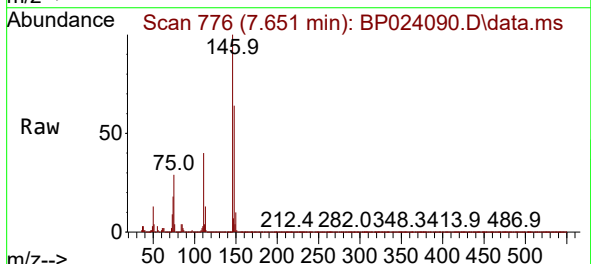
Ion	Ratio	Lower	Upper
93	100		
63	65.9	46.5	86.5
95	32.2	12.3	52.3

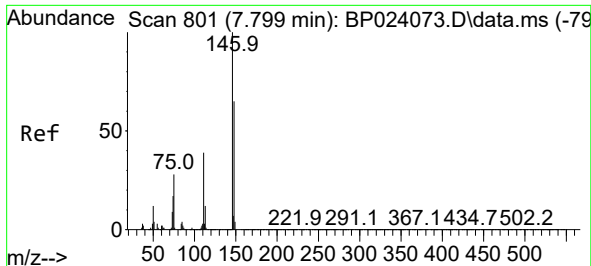


#12
1,3-Dichlorobenzene
Concen: 39.270 ng
RT: 7.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 146 Resp: 1347002

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	28.8	22.6	33.8

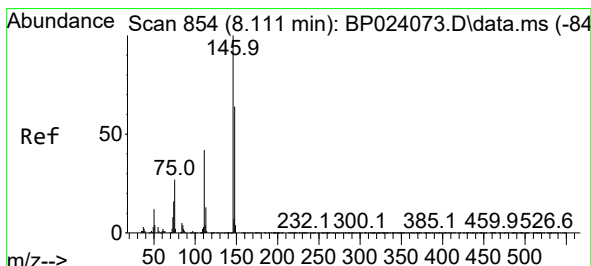
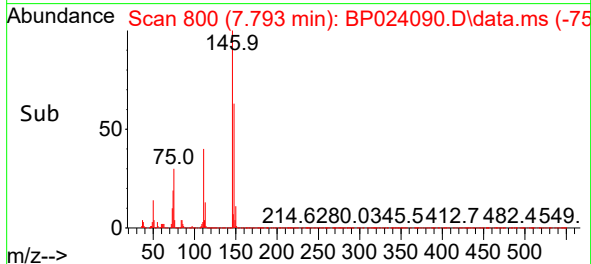
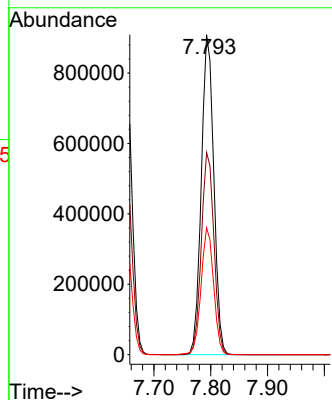
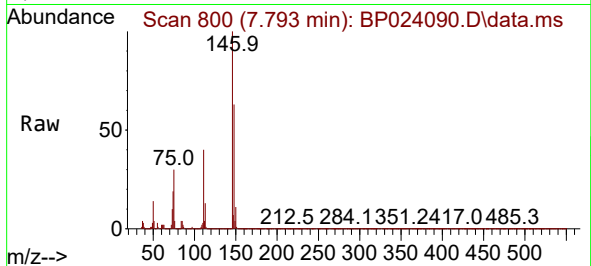




#13
1,4-Dichlorobenzene
Concen: 39.949 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

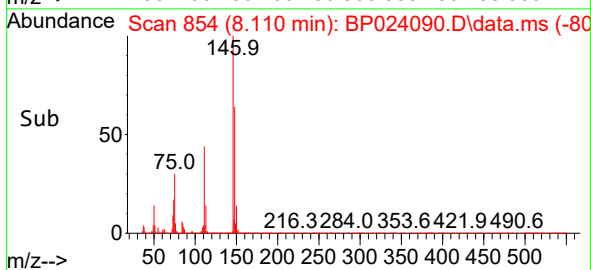
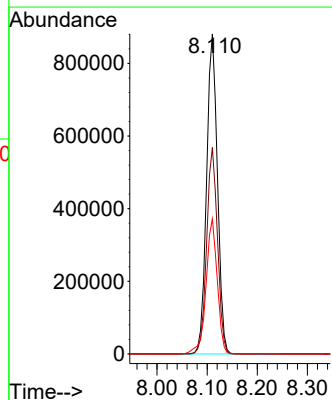
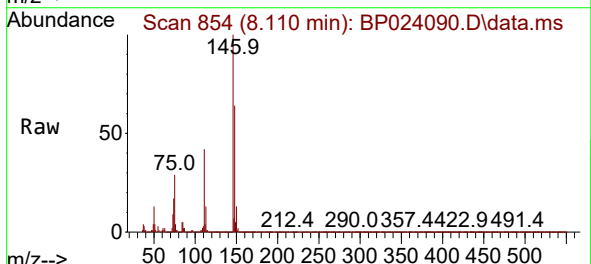
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

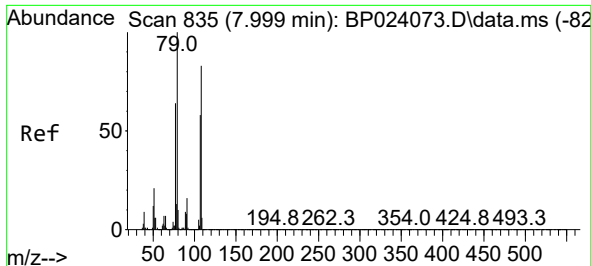
Tgt Ion:146 Resp: 1385763
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 39.7 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 39.868 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:146 Resp: 1327225
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 42.2 33.4 50.0

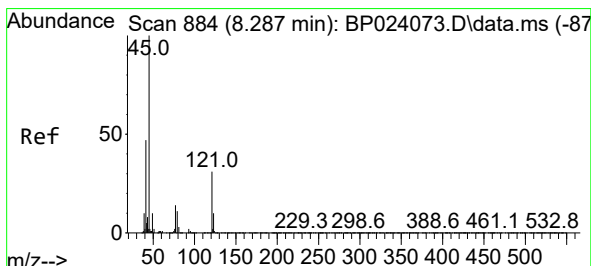
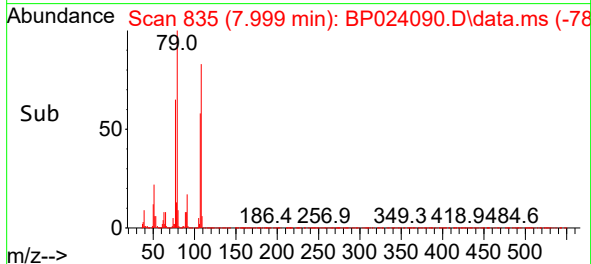
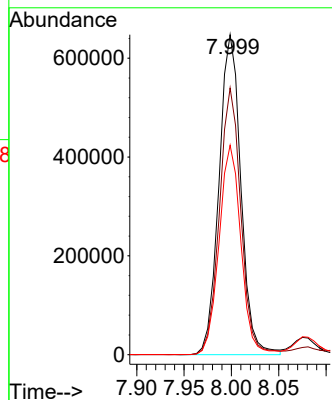
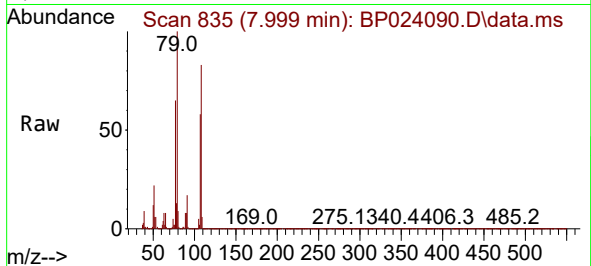




#15
Benzyl Alcohol
Concen: 44.835 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

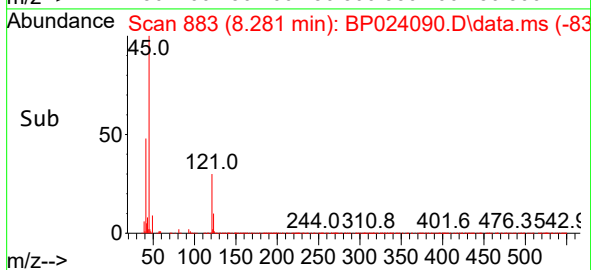
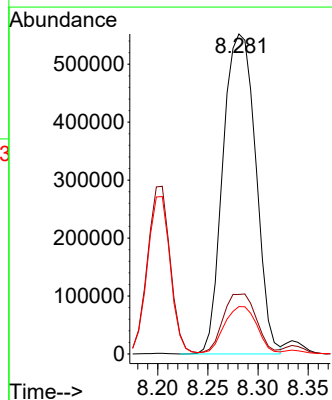
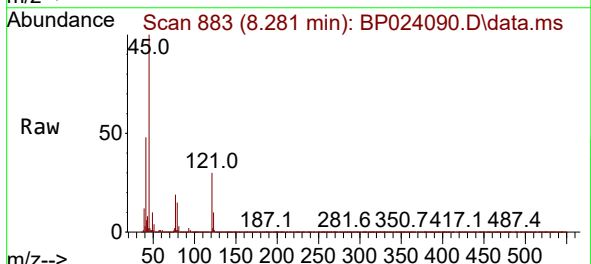
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

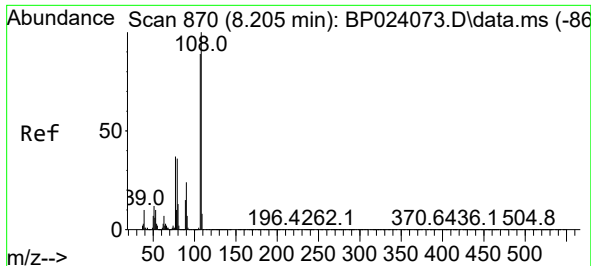
Tgt Ion: 79 Resp: 1040526
Ion Ratio Lower Upper
79 100
108 83.4 66.4 99.6
77 65.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.014 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 45 Resp: 1253855
Ion Ratio Lower Upper
45 100
77 18.6 0.0 38.8
79 14.8 0.0 35.4

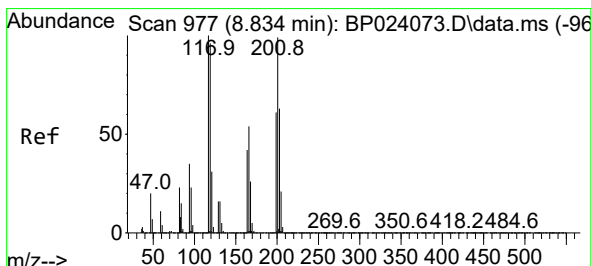
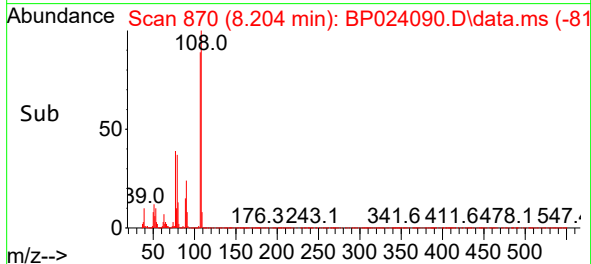
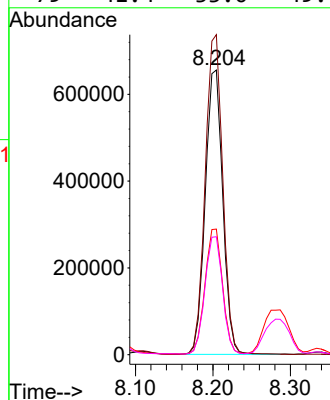
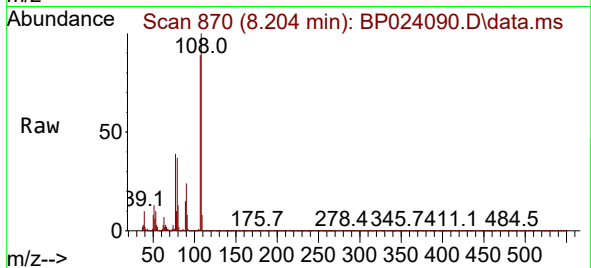




#17
2-Methylphenol
Concen: 44.190 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

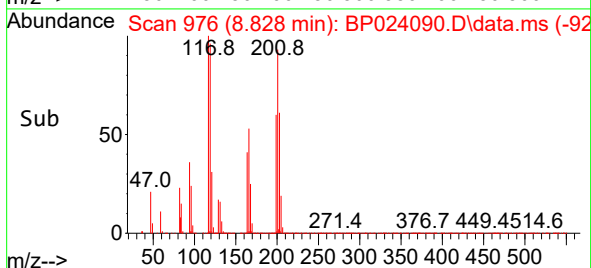
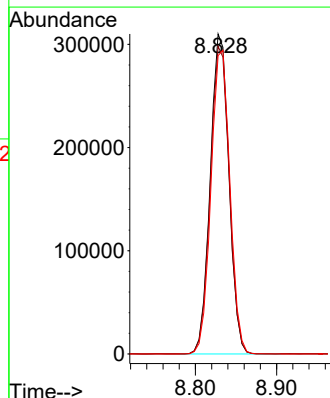
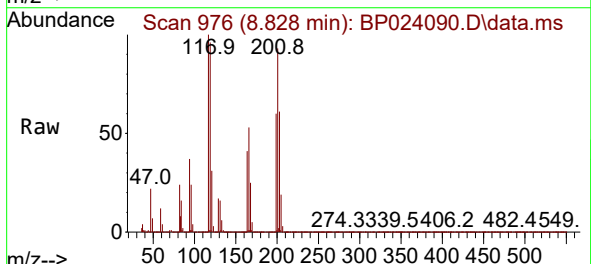
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

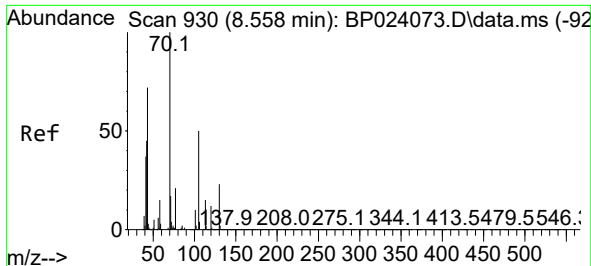
Tgt Ion:107 Resp: 1026677
Ion Ratio Lower Upper
107 100
108 112.4 90.0 135.0
77 44.1 33.8 50.6
79 41.4 33.0 49.4



#18
Hexachloroethane
Concen: 39.721 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:117 Resp: 496214
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
201 93.2 79.4 119.2

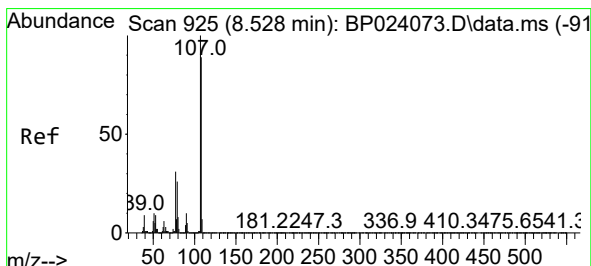
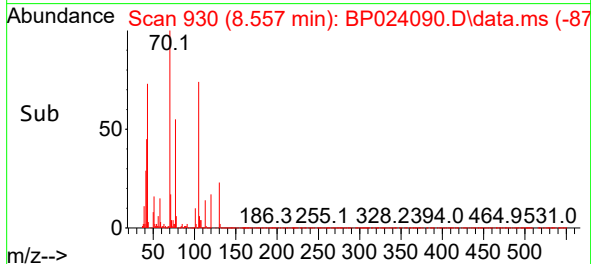
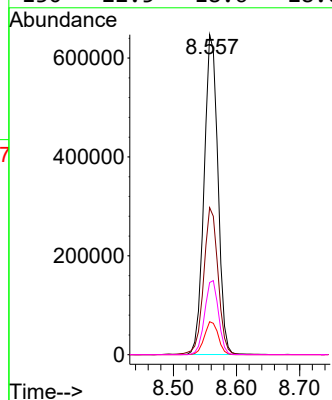
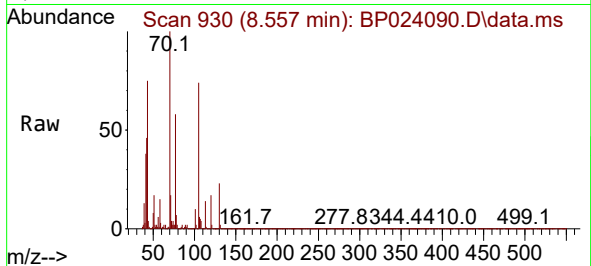




#19
n-Nitroso-di-n-propylamine
Concen: 48.311 ng
RT: 8.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

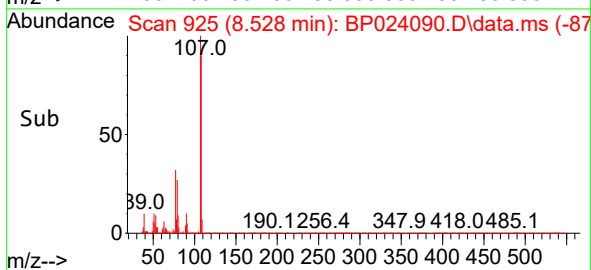
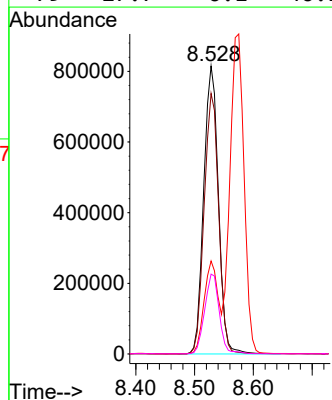
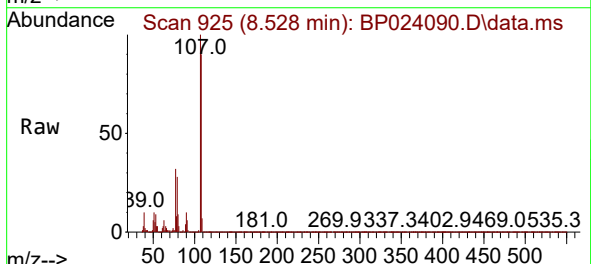
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

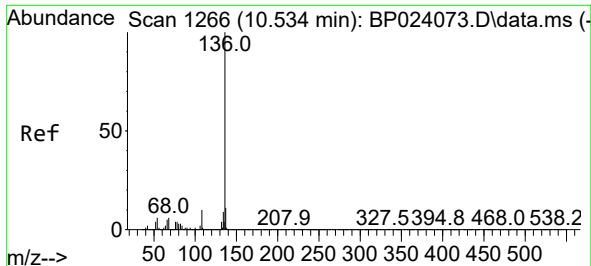
Tgt Ion: 70 Resp: 984834
Ion Ratio Lower Upper
70 100
42 46.0 36.6 54.8
101 10.3 8.2 12.2
130 22.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.614 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 107 Resp: 1410088
Ion Ratio Lower Upper
107 100
108 90.4 68.5 108.5
77 32.3 10.7 50.7
79 27.7 6.1 46.1

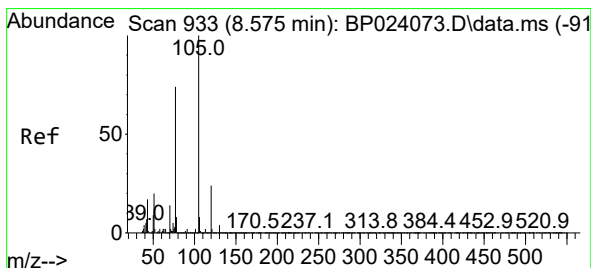
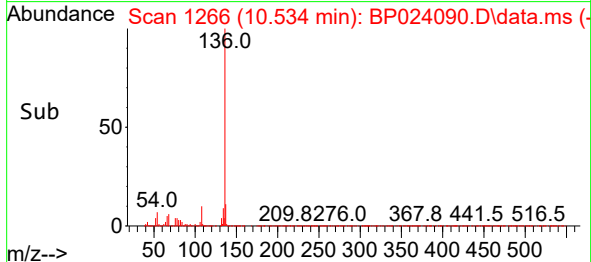
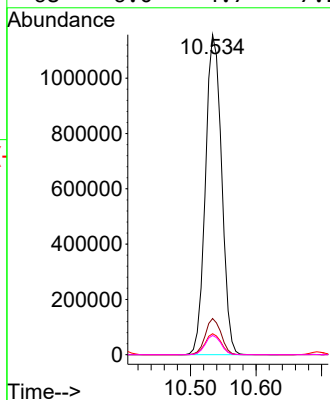
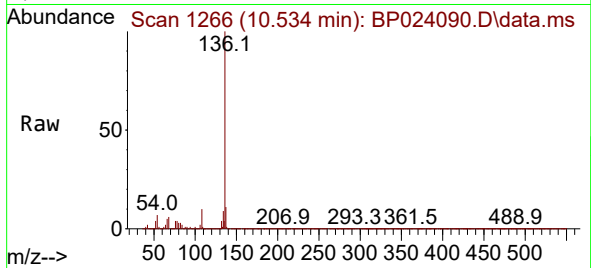




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

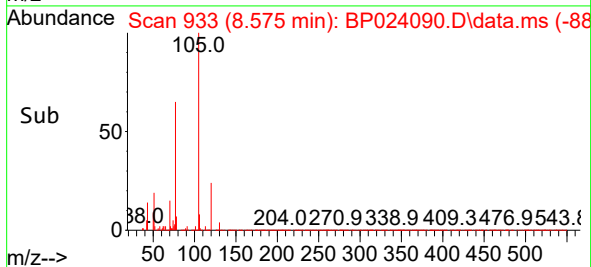
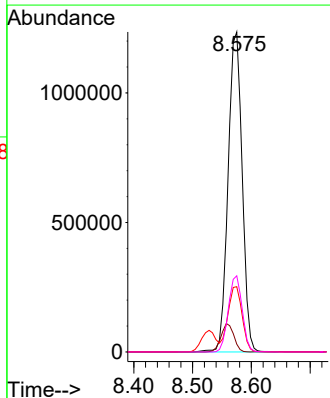
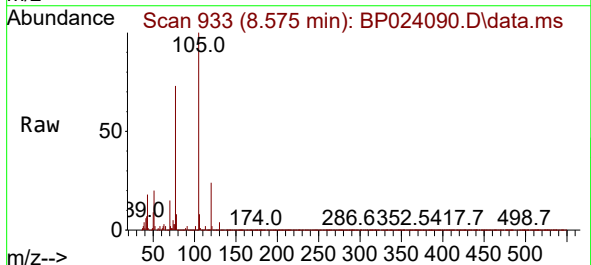
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

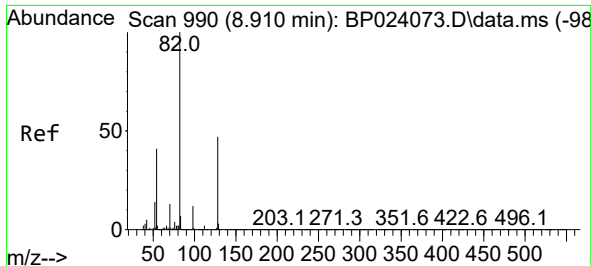
Tgt Ion:136 Resp: 1982904
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.5 4.9 7.3
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 40.264 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:105 Resp: 2051647
Ion Ratio Lower Upper
105 100
71 2.4 1.9 2.9
51 20.4 16.3 24.5
120 23.8 19.0 28.4

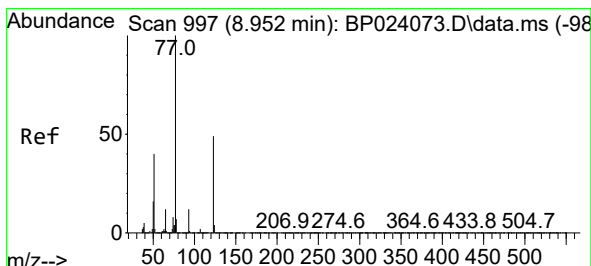
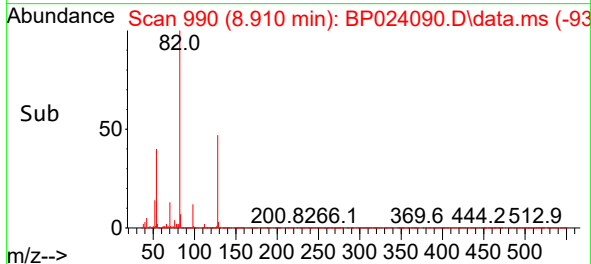
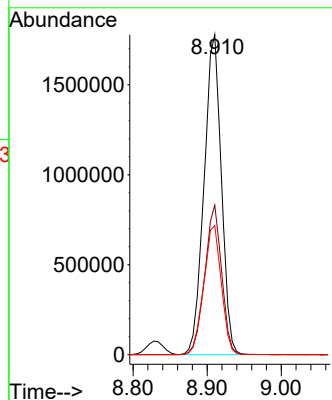
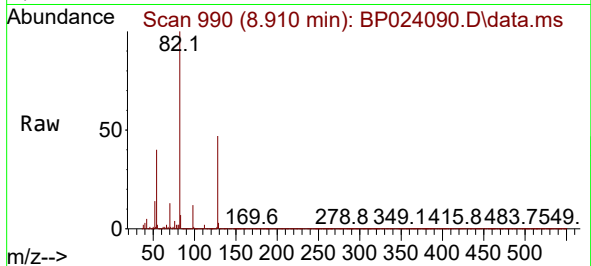




#23
Nitrobenzene-d5
Concen: 81.110 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

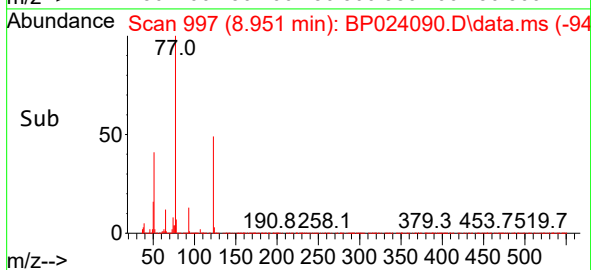
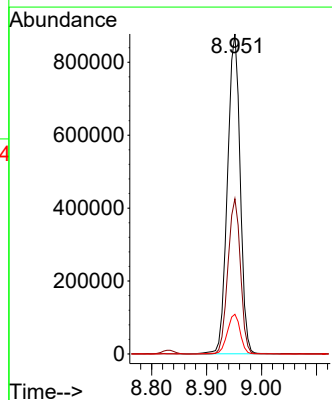
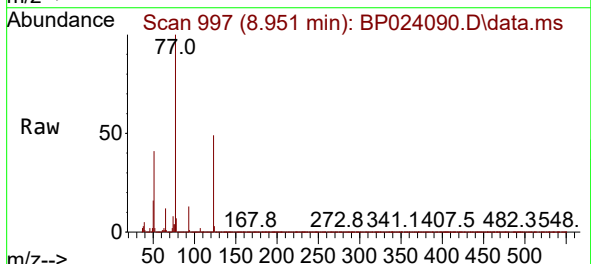
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

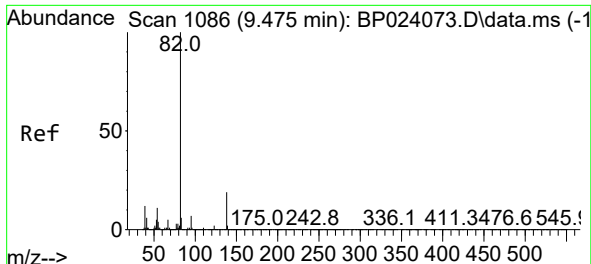
Tgt Ion: 82 Resp: 2882881
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.2
54 40.3 32.4 48.6



#24
Nitrobenzene
Concen: 40.157 ng
RT: 8.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 77 Resp: 1404696
Ion Ratio Lower Upper
77 100
123 48.5 39.4 59.2
65 12.4 9.9 14.9

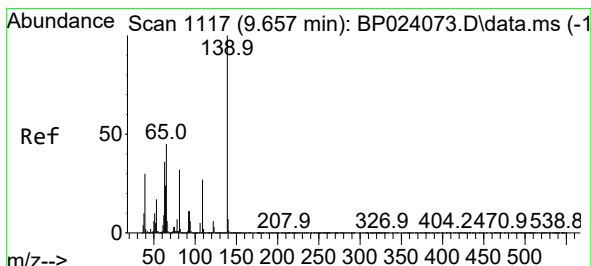
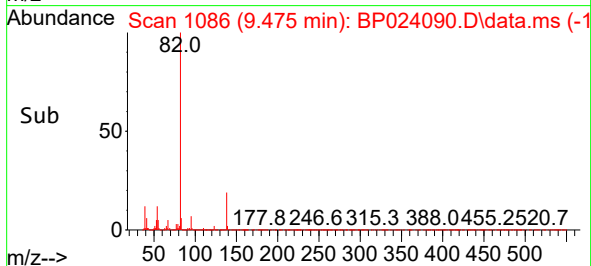
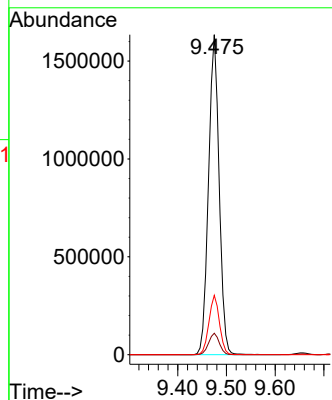
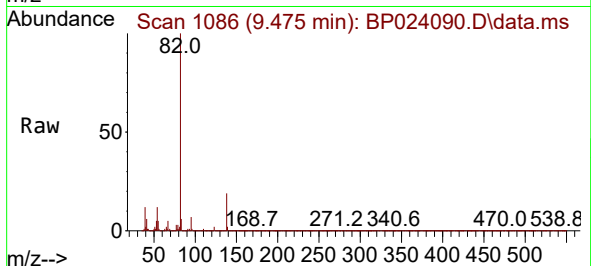




#25
Isophorone
Concen: 42.301 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

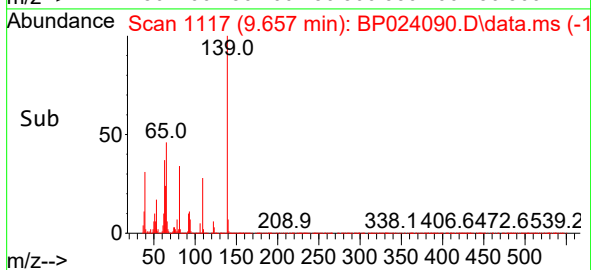
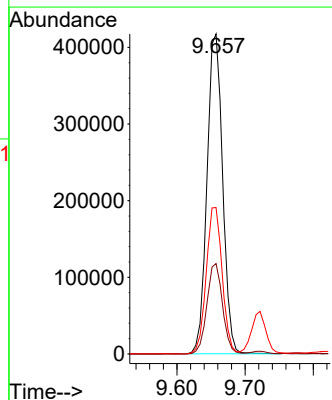
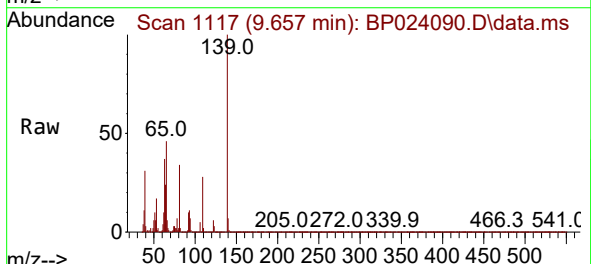
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

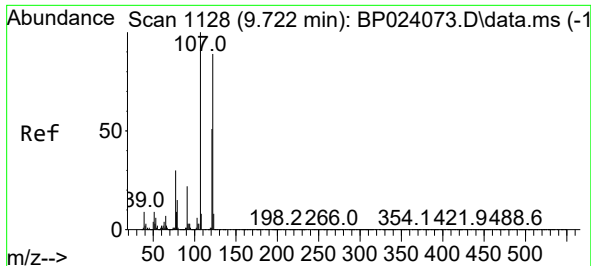
Tgt Ion: 82 Resp: 2458697
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.5 15.3 22.9



#26
2-Nitrophenol
Concen: 41.397 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:139 Resp: 667140
Ion Ratio Lower Upper
139 100
109 28.2 21.7 32.5
65 45.7 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 40.134 ng

RT: 9.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

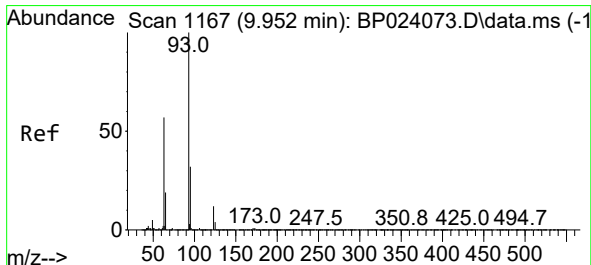
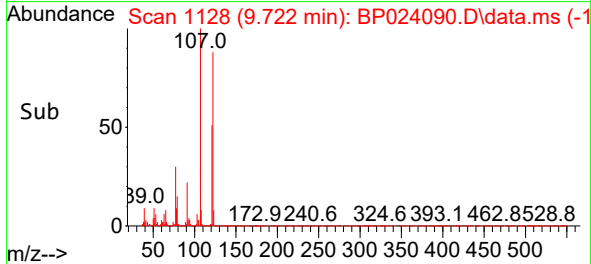
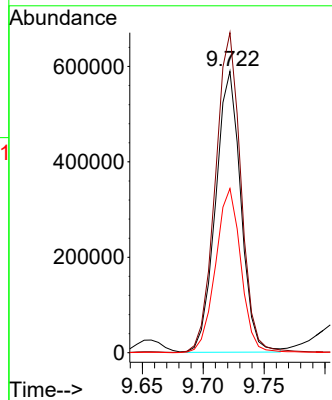
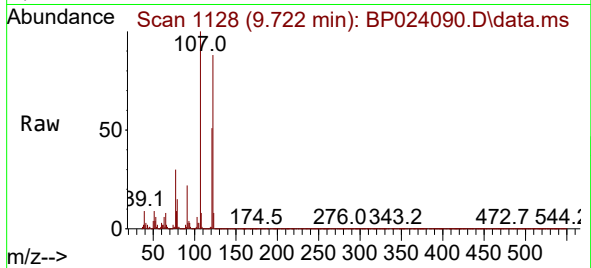
Tgt Ion:122 Resp: 849012

Ion Ratio Lower Upper

122 100

107 113.8 89.8 134.8

121 58.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.280 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

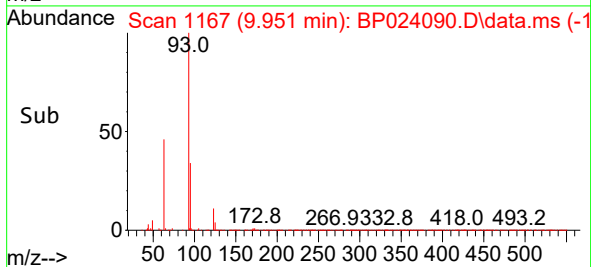
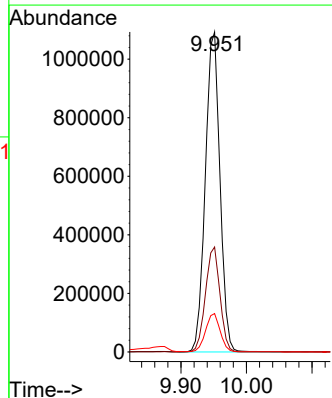
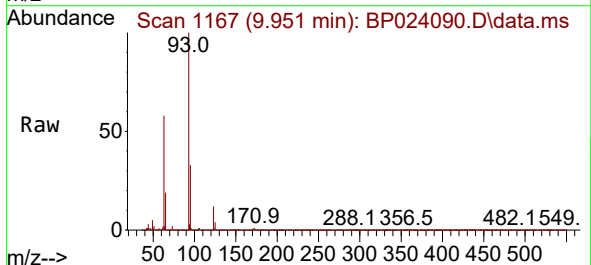
Tgt Ion: 93 Resp: 1696021

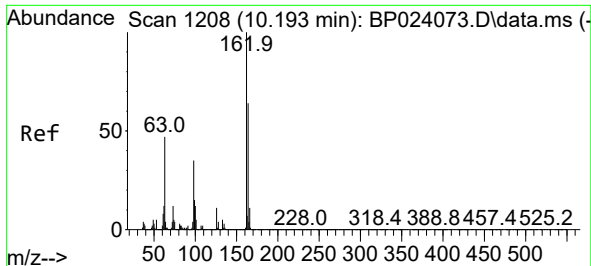
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.0 9.7 14.5

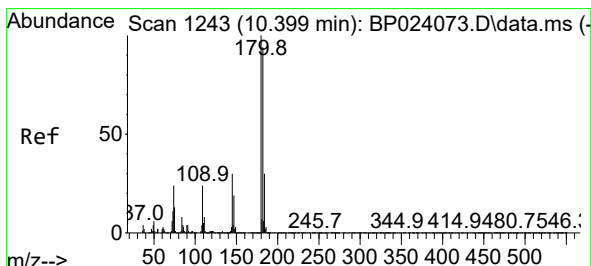
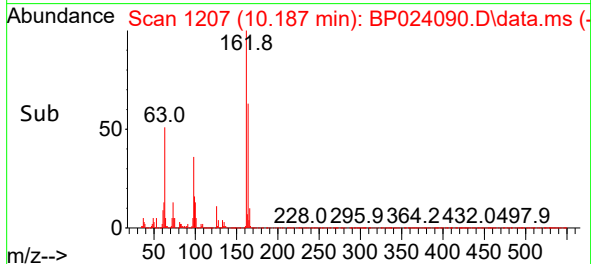
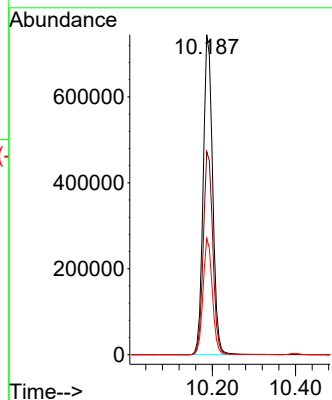
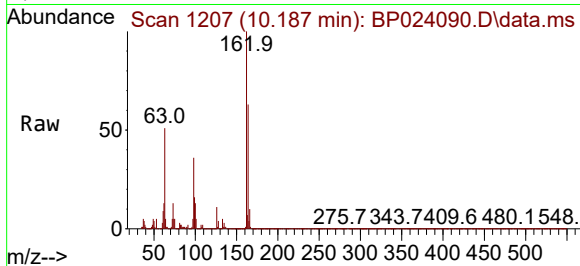




#29
2,4-Dichlorophenol
Concen: 40.639 ng
RT: 10.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

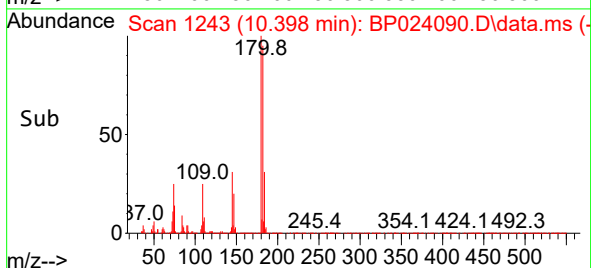
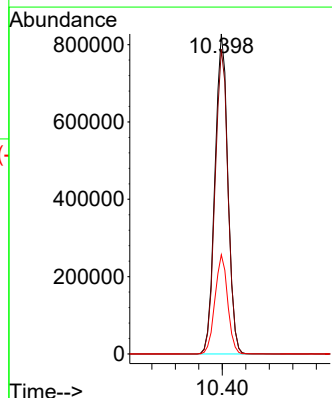
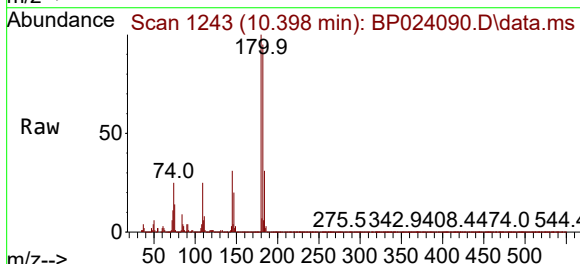
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

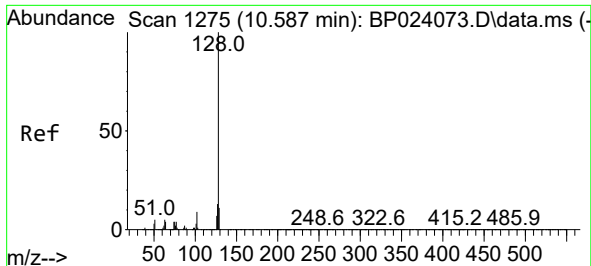
Tgt Ion:162 Resp: 1173221
Ion Ratio Lower Upper
162 100
164 63.5 44.5 84.5
98 36.3 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 38.257 ng
RT: 10.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:180 Resp: 1265432
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.2
145 31.0 24.0 36.0

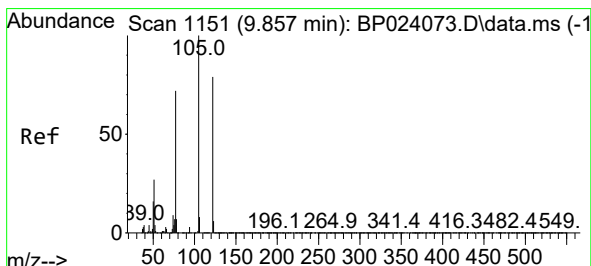
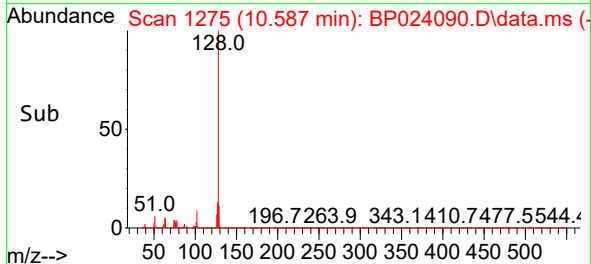
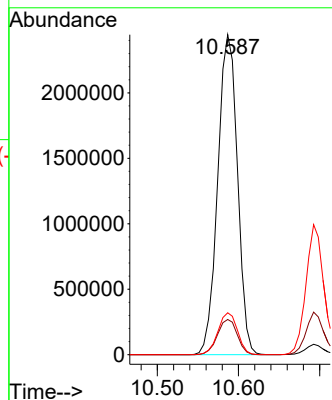
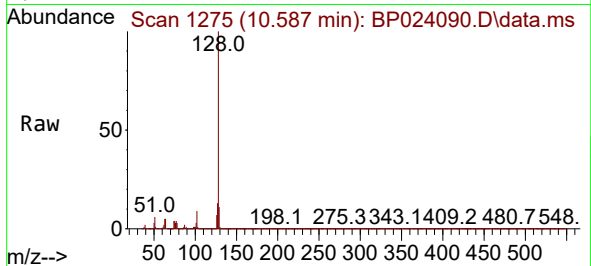




#31
Naphthalene
Concen: 38.752 ng
RT: 10.587 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

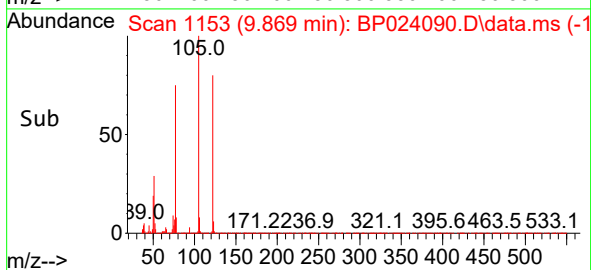
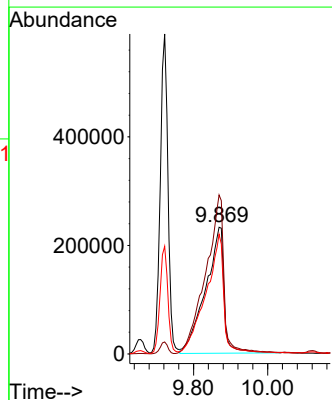
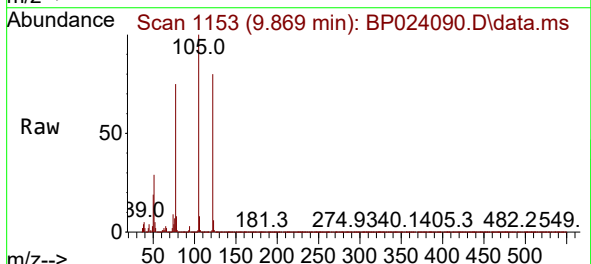
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

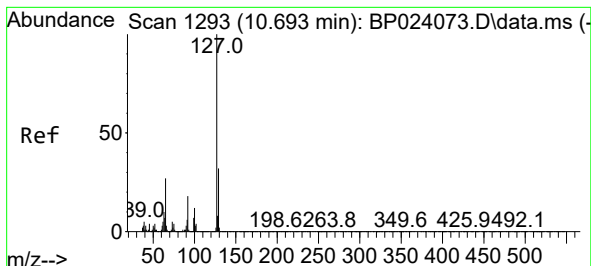
Tgt Ion:128 Resp: 4131715
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 38.204 ng
RT: 9.869 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:122 Resp: 807775
Ion Ratio Lower Upper
122 100
105 125.5 103.7 143.7
77 94.4 69.9 109.9





#33

4-Chloroaniline

Concen: 40.775 ng

RT: 10.693 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 1531566

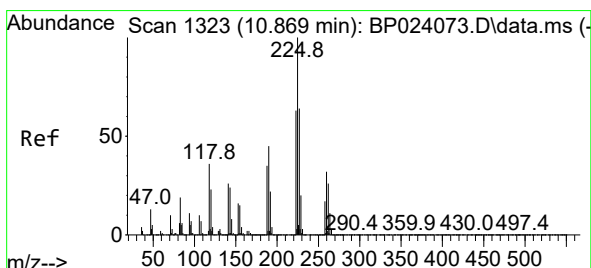
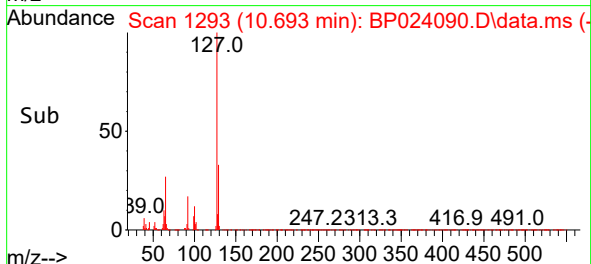
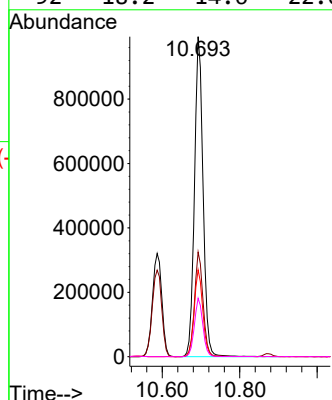
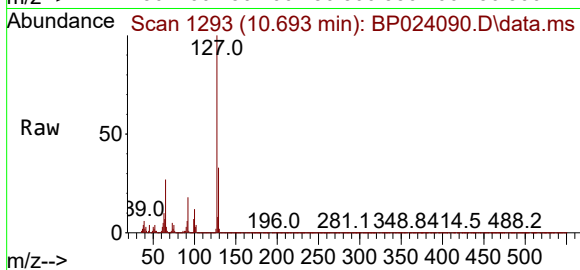
Ion Ratio Lower Upper

127 100

129 32.7 25.4 38.0

65 27.2 21.3 31.9

92 18.2 14.6 22.0



#34

Hexachlorobutadiene

Concen: 37.461 ng

RT: 10.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

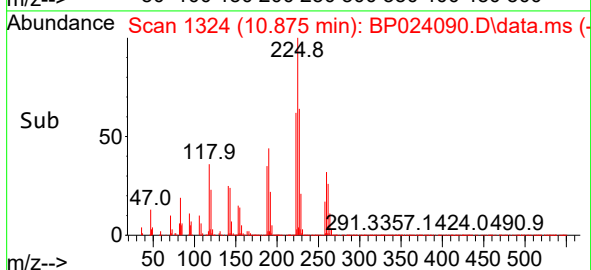
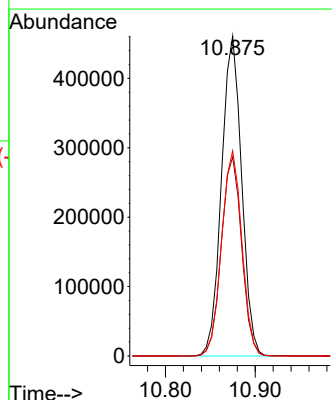
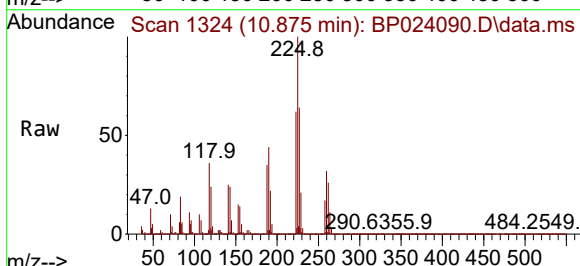
Tgt Ion:225 Resp: 717693

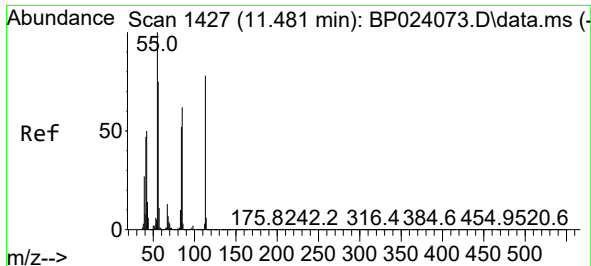
Ion Ratio Lower Upper

225 100

223 62.2 50.5 75.7

227 64.1 51.3 76.9

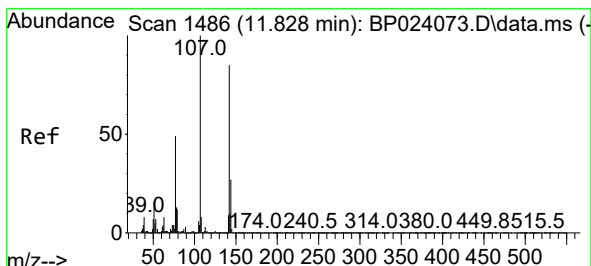
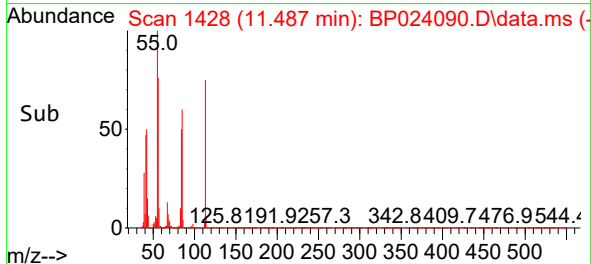
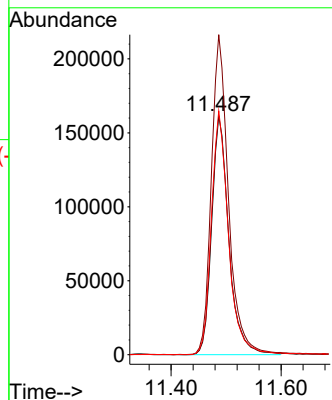
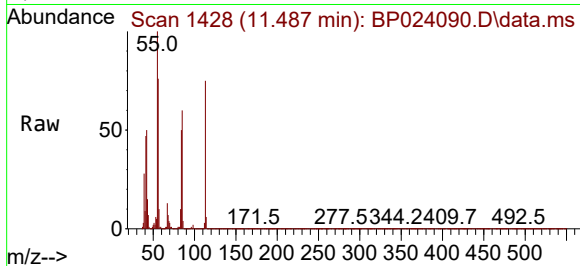




#35
Caprolactam
Concen: 37.394 ng
RT: 11.487 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

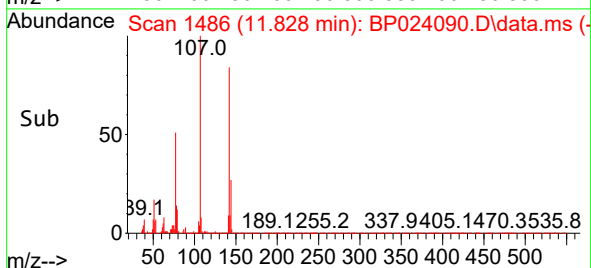
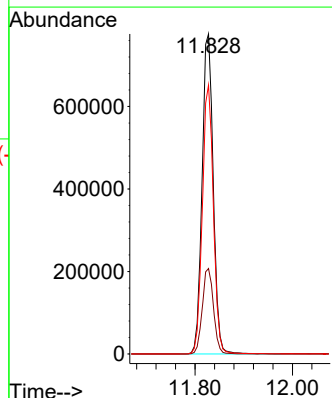
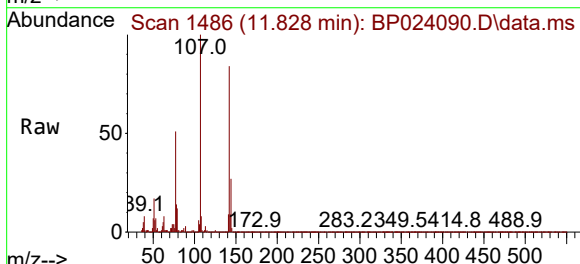
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

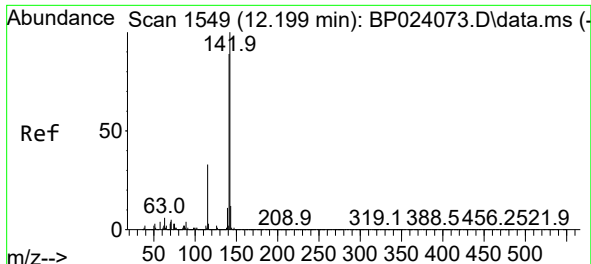
Tgt Ion:	113	Resp:	350063
Ion	Ratio	Lower	Upper
113	100		
55	134.2	108.8	148.8
56	102.1	76.5	116.5



#36
4-Chloro-3-methylphenol
Concen: 41.698 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:	107	Resp:	1237505
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.8
142	84.0	67.8	101.8

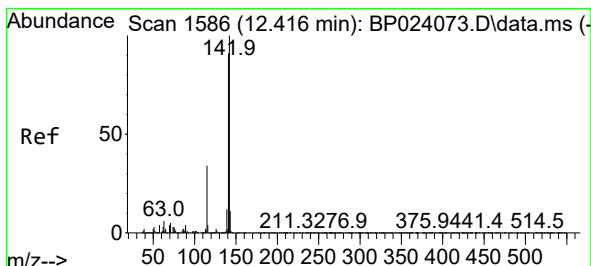
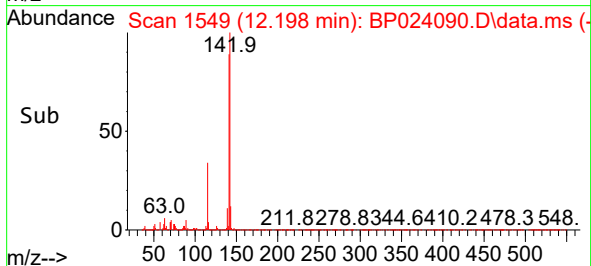
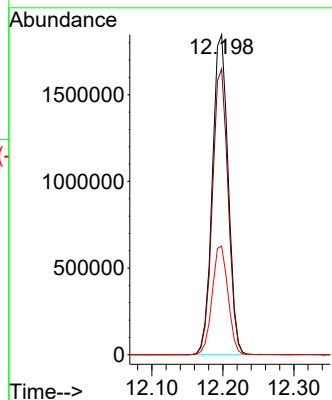
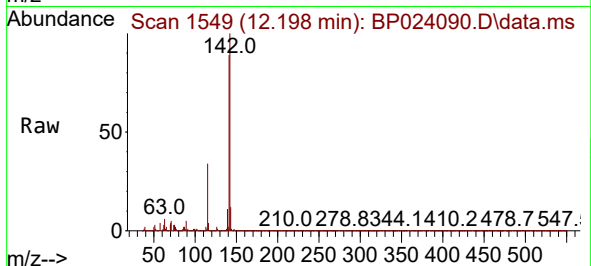




#37
2-Methylnaphthalene
Concen: 40.220 ng
RT: 12.198 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

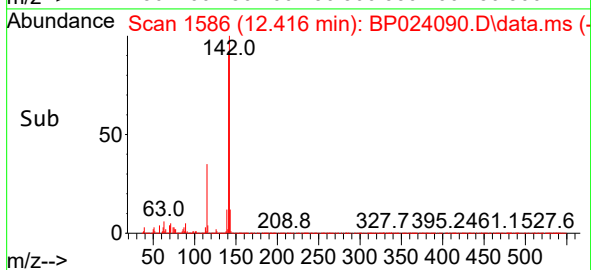
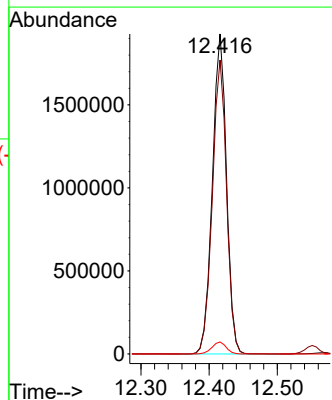
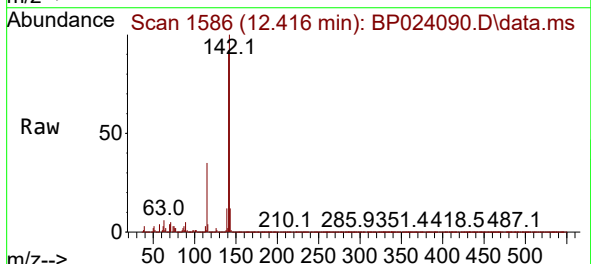
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

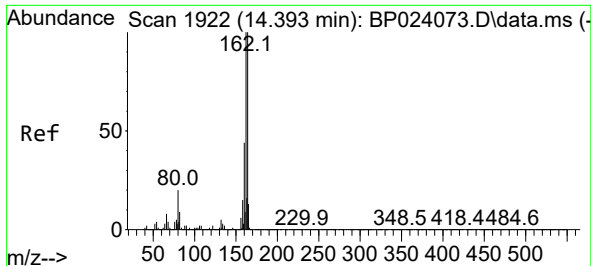
Tgt Ion:142 Resp: 2850213
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 34.0 26.5 39.7



#38
1-Methylnaphthalene
Concen: 40.233 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:142 Resp: 2773669
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6
116 3.8 2.8 4.2

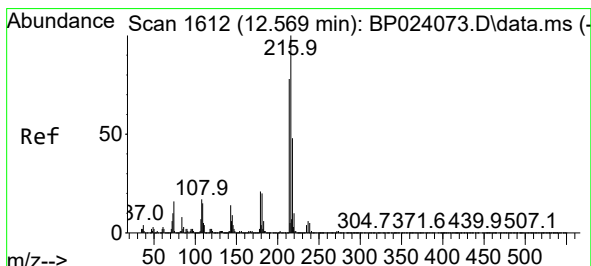
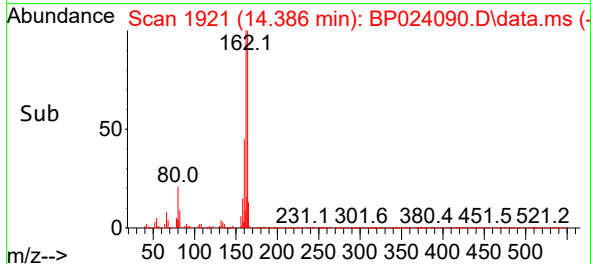
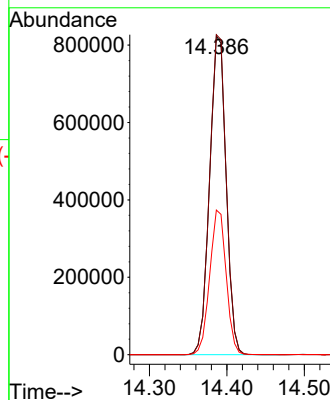
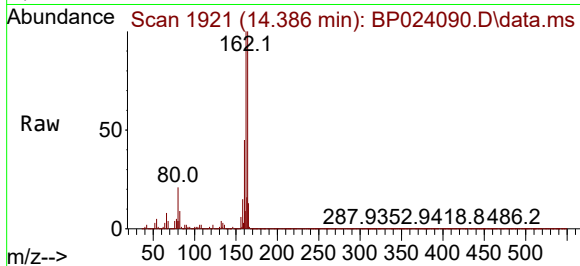




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

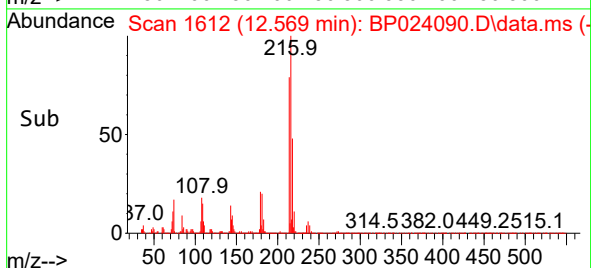
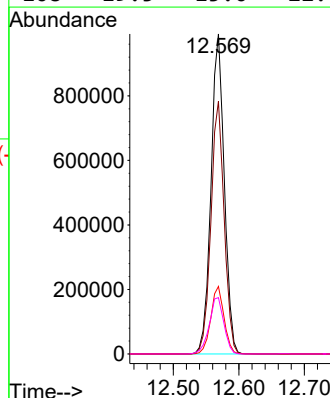
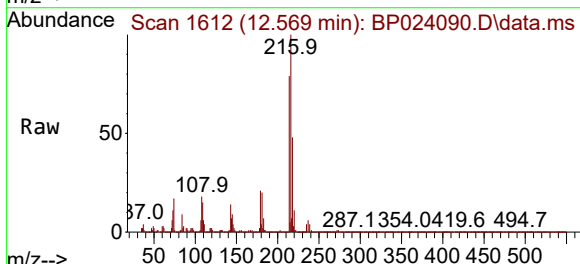
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

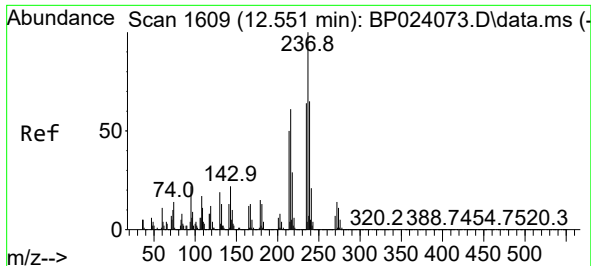
Tgt Ion:164 Resp: 1218458
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 45.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.291 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:216 Resp: 1396088
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 21.1 16.6 25.0
108 19.5 15.0 22.6

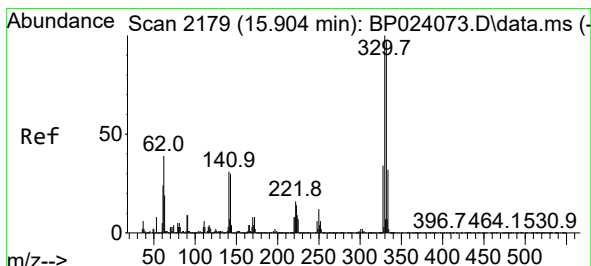
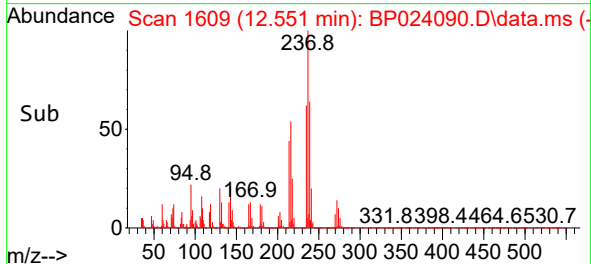
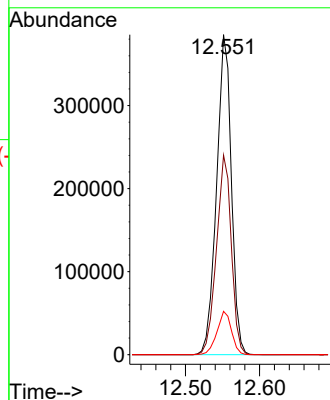
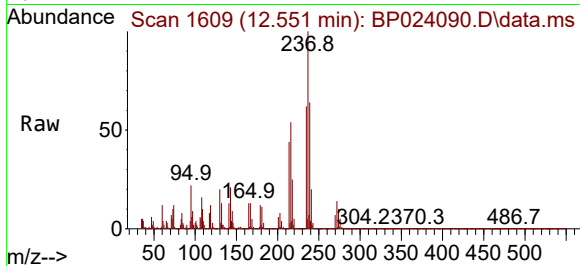




#41
Hexachlorocyclopentadiene
Concen: 38.241 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

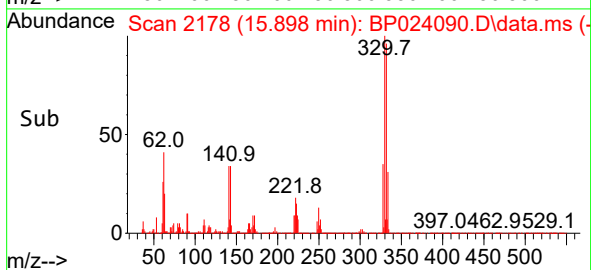
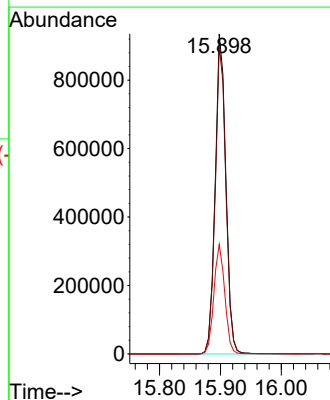
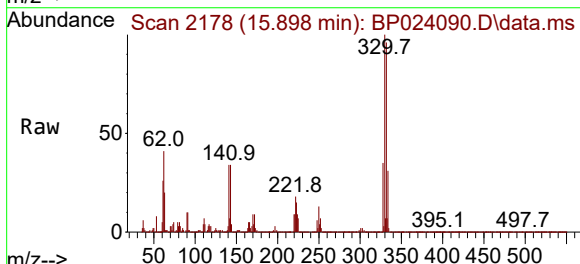
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

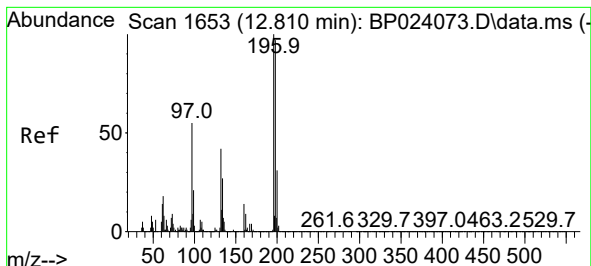
Tgt Ion:237 Resp: 532736
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 13.6 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 76.455 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:330 Resp: 1141074
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 34.9 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 39.177 ng

RT: 12.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

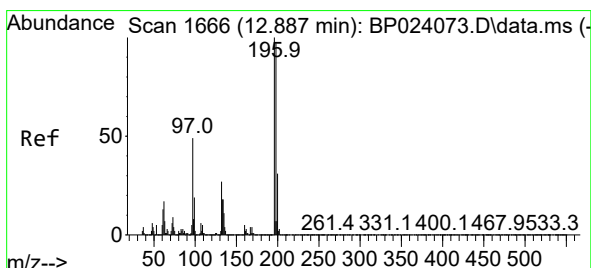
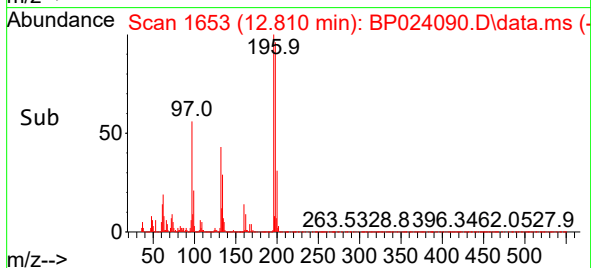
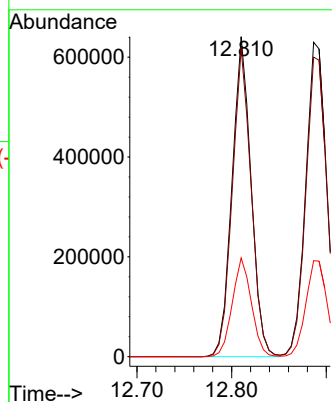
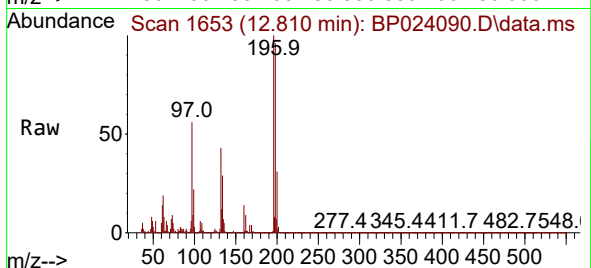
Tgt Ion:196 Resp: 894477

Ion Ratio Lower Upper

196 100

198 96.3 77.8 116.6

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 38.834 ng

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Tgt Ion:196 Resp: 969664

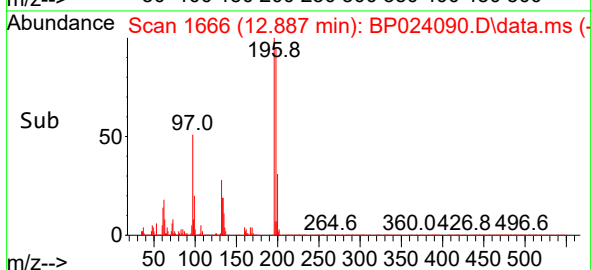
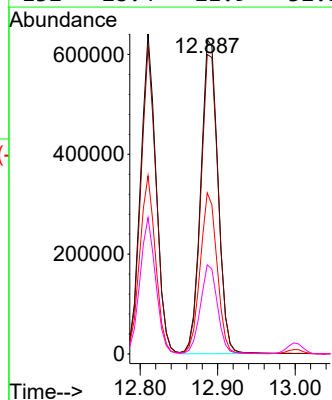
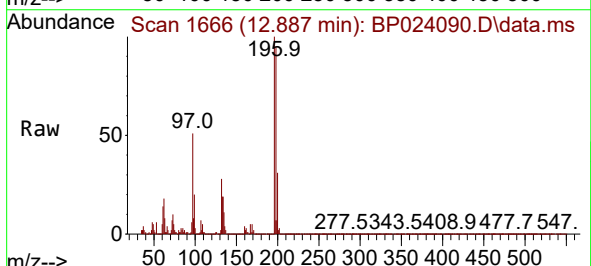
Ion Ratio Lower Upper

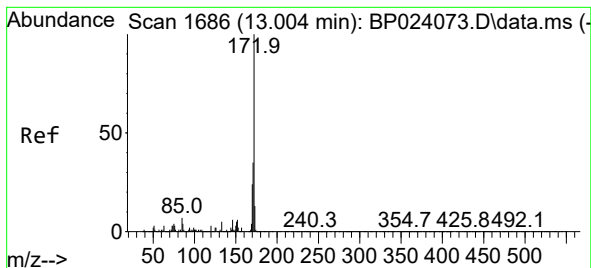
196 100

198 95.3 77.4 116.2

97 51.3 39.0 58.4

132 28.4 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 78.005 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

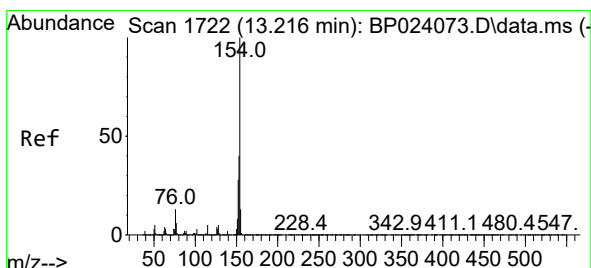
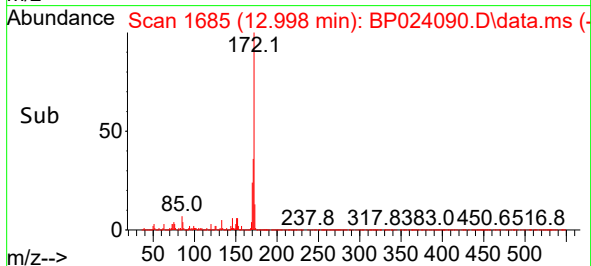
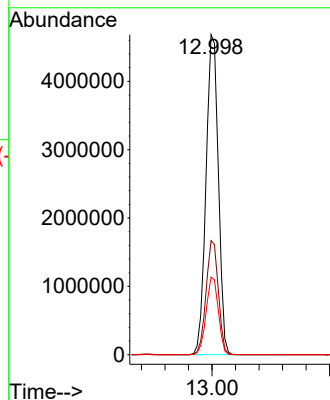
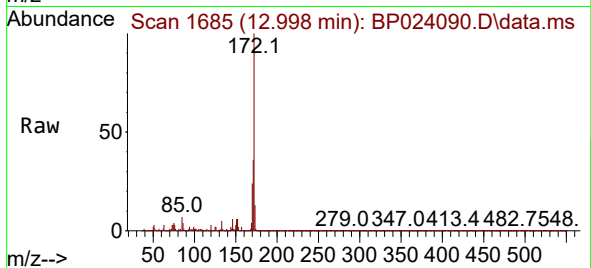
Tgt Ion:172 Resp: 6798671

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.907 ng

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

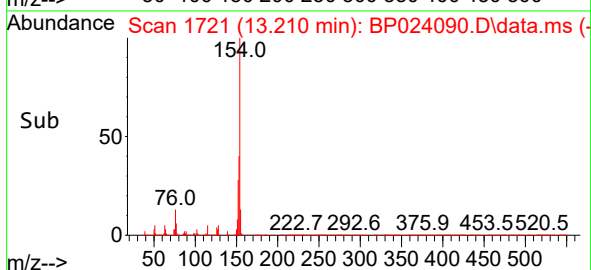
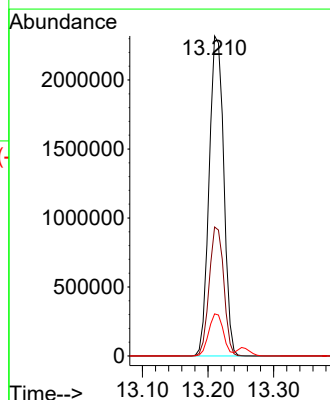
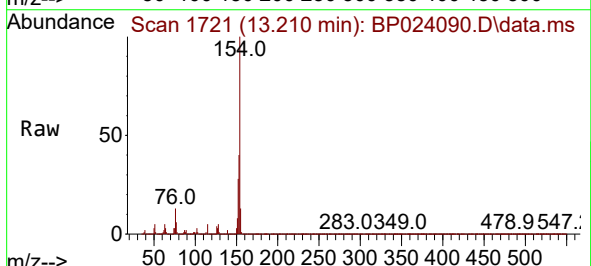
Tgt Ion:154 Resp: 3589098

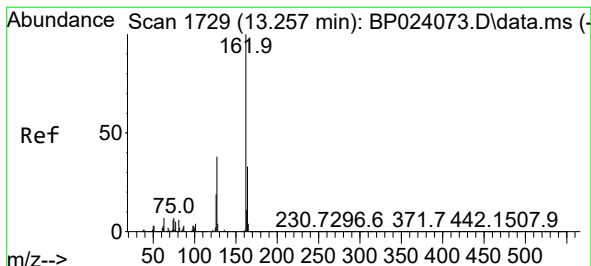
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

76 13.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 37.800 ng

RT: 13.251 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

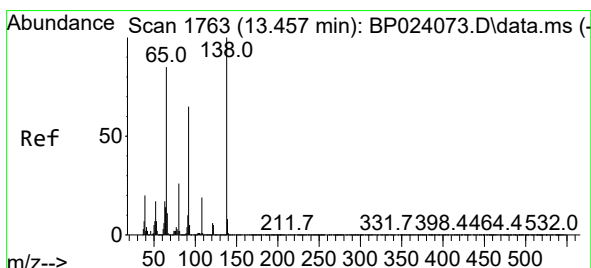
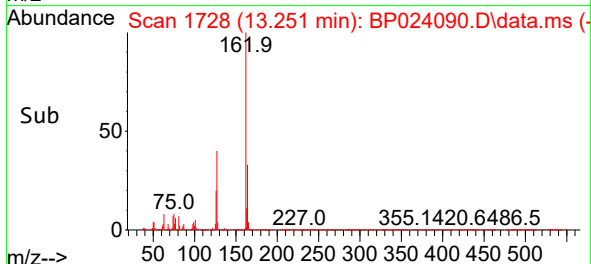
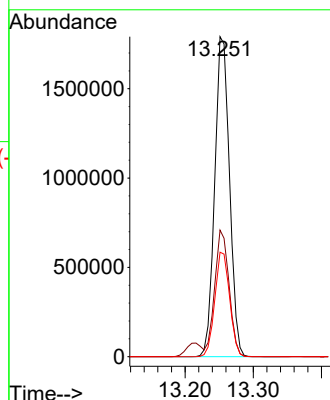
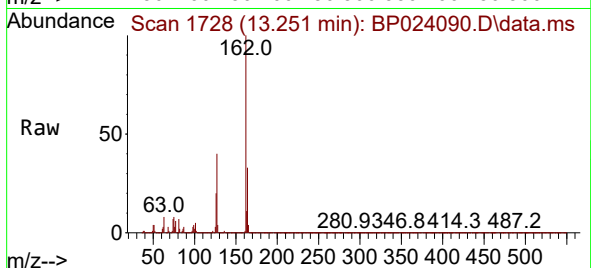
Tgt Ion:162 Resp: 2705485

Ion Ratio Lower Upper

162 100

127 39.5 30.7 46.1

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 41.229 ng

RT: 13.457 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

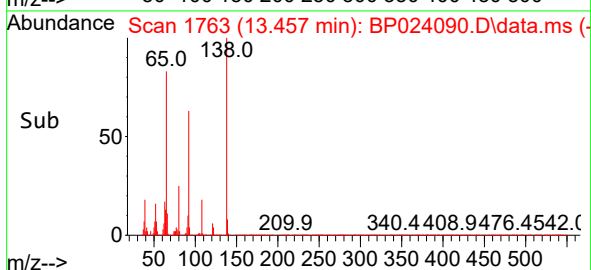
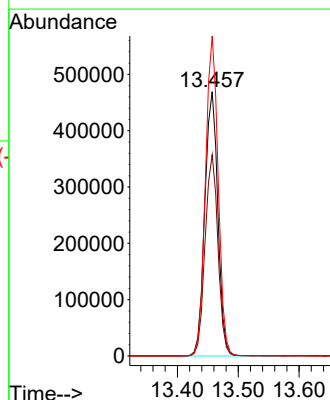
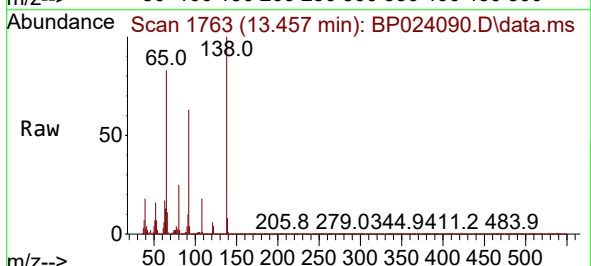
Tgt Ion: 65 Resp: 697079

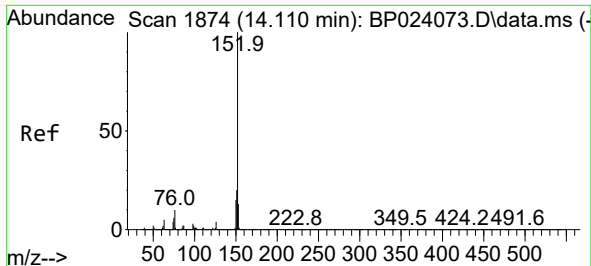
Ion Ratio Lower Upper

65 100

92 76.1 61.7 92.5

138 121.1 94.6 142.0

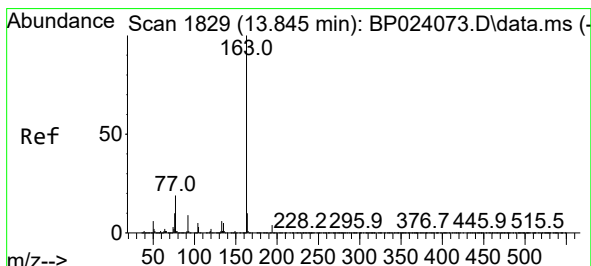
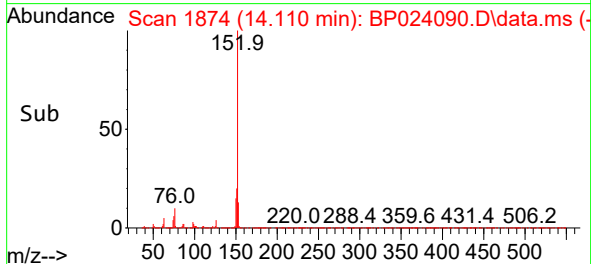
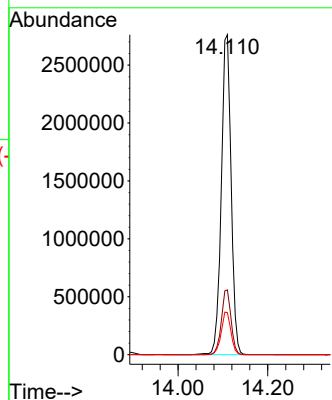
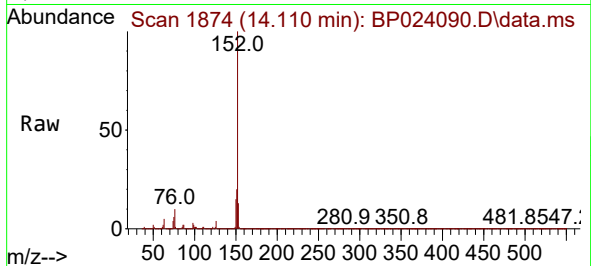




#49
Acenaphthylene
Concen: 39.753 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

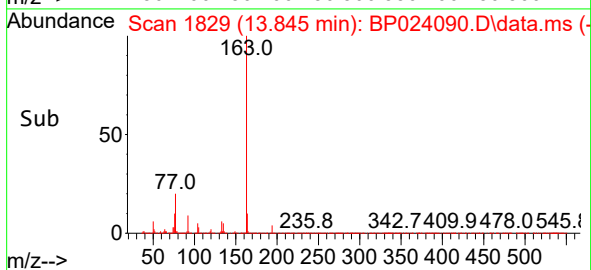
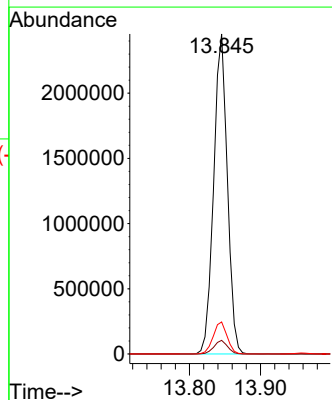
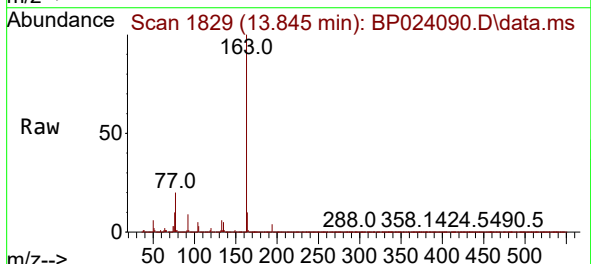
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

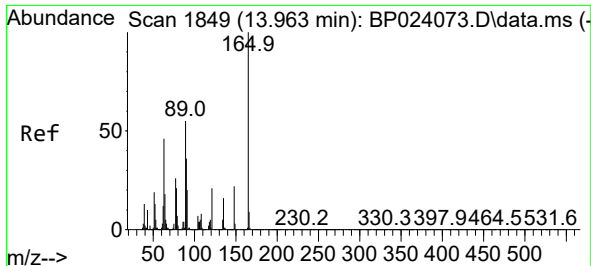
Tgt Ion:152 Resp: 4192085
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 38.089 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:163 Resp: 3273651
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.1 12.1

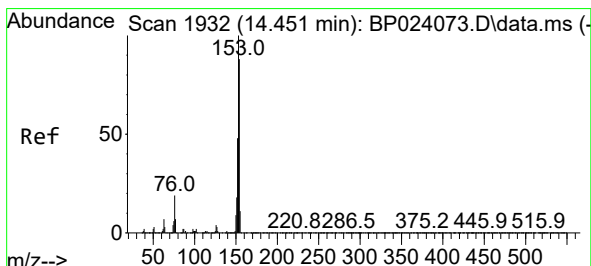
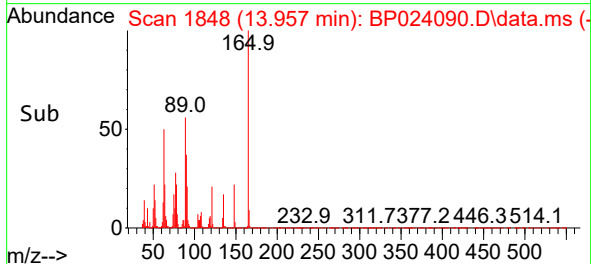
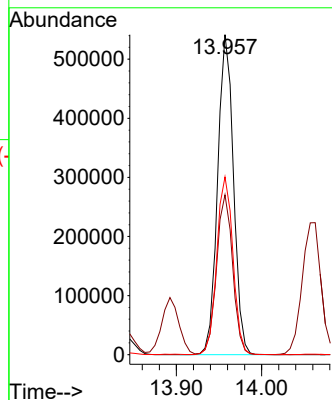
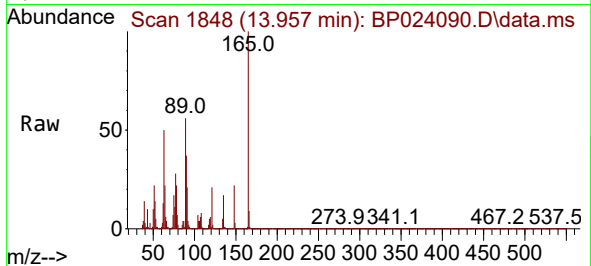




#51
2,6-Dinitrotoluene
Concen: 39.904 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

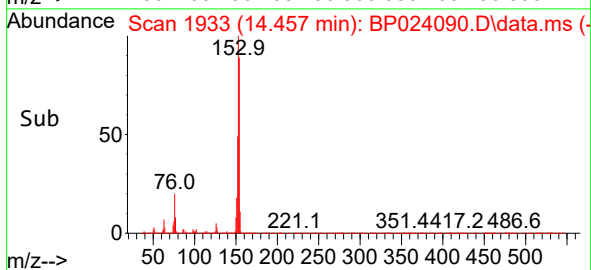
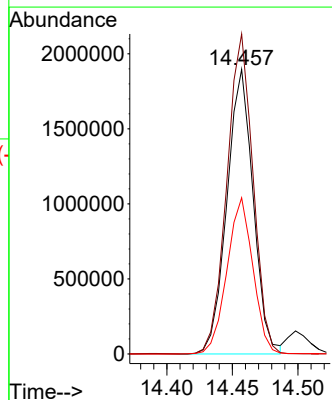
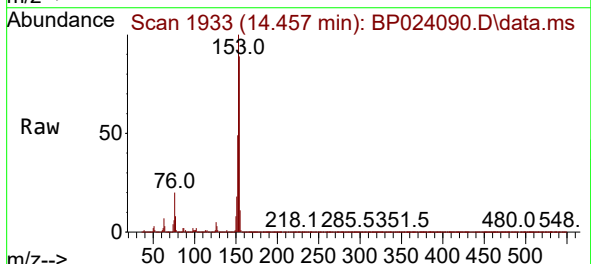
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

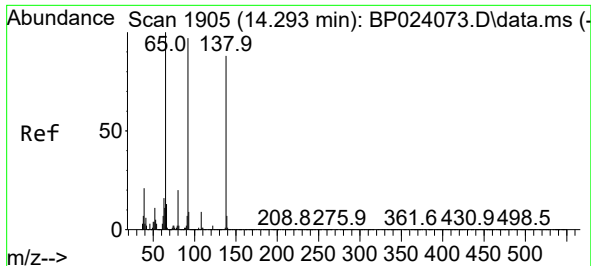
Tgt Ion:165 Resp: 698641
Ion Ratio Lower Upper
165 100
63 50.0 40.1 60.1
89 55.6 44.2 66.4



#52
Acenaphthene
Concen: 38.912 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:154 Resp: 2642409
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.9 43.6 65.4

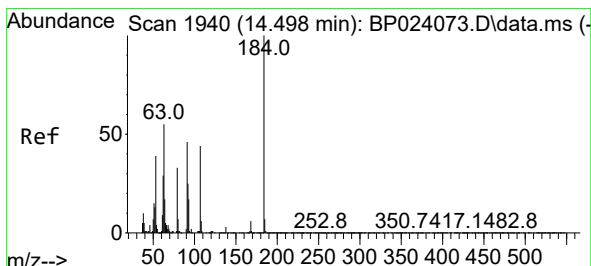
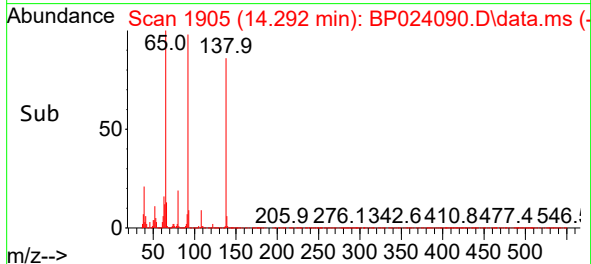
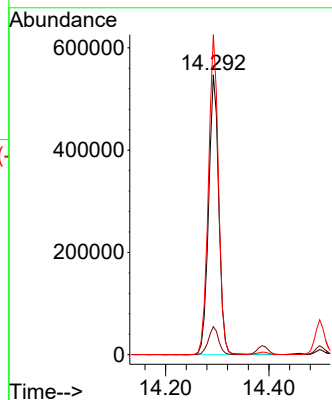
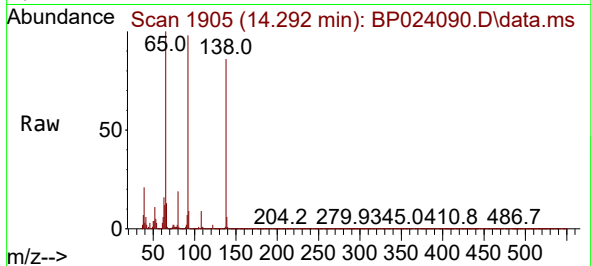




#53
3-Nitroaniline
Concen: 39.801 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

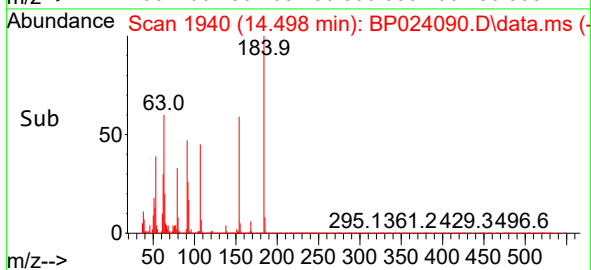
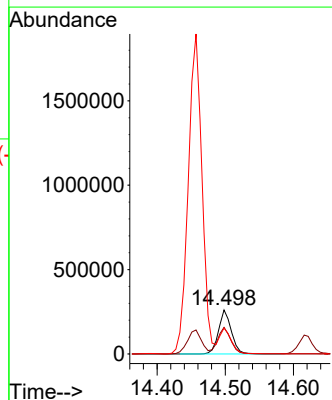
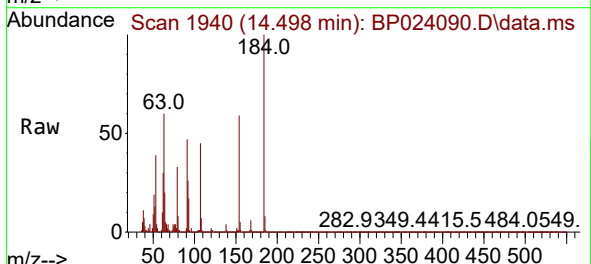
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

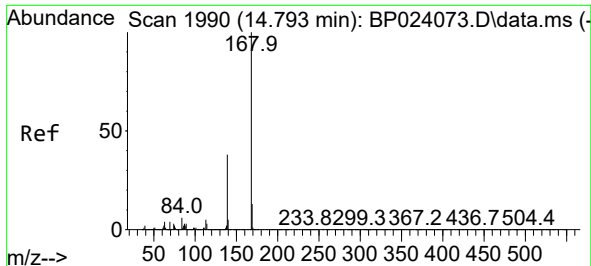
Tgt Ion:138 Resp: 743583
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 114.4 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 34.371 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:184 Resp: 340002
Ion Ratio Lower Upper
184 100
63 60.5 49.4 74.0
154 58.9 49.2 73.8

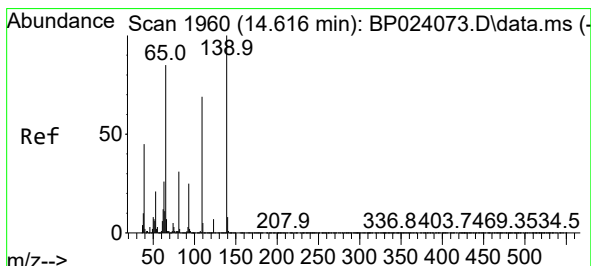
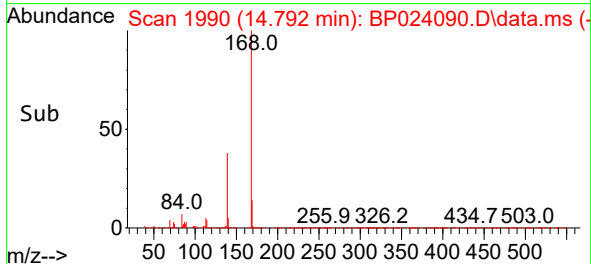
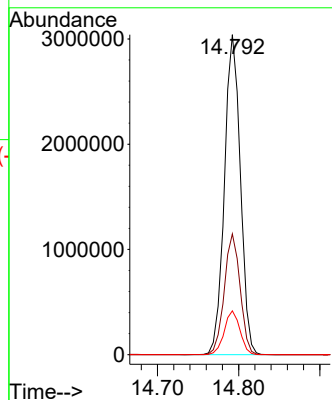
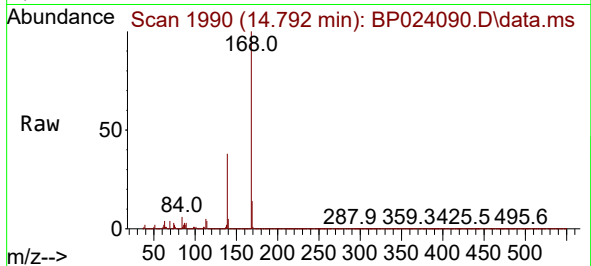




#55
Dibenzofuran
Concen: 37.659 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

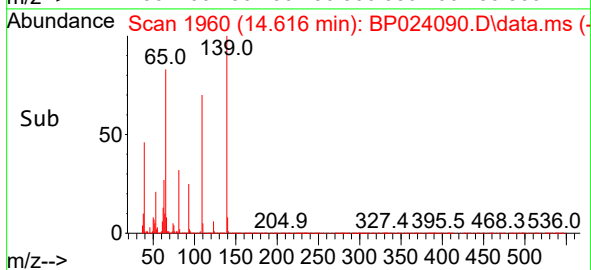
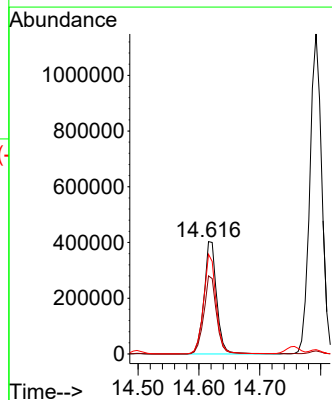
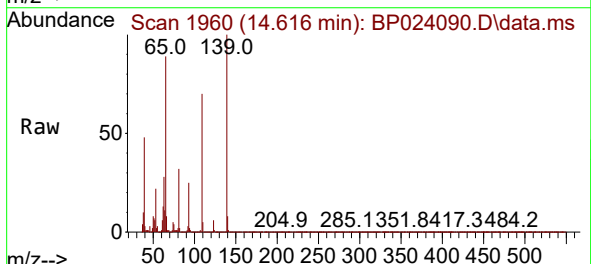
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

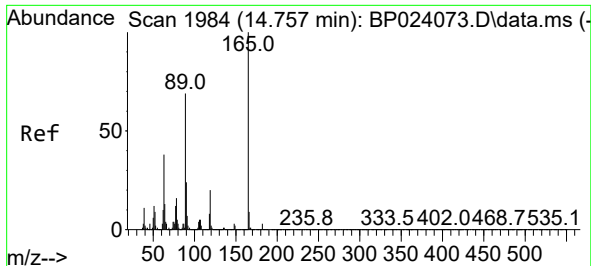
Tgt Ion:168 Resp: 4154406
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 36.195 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:139 Resp: 584126
Ion Ratio Lower Upper
139 100
109 69.5 49.2 89.2
65 88.7 65.4 105.4

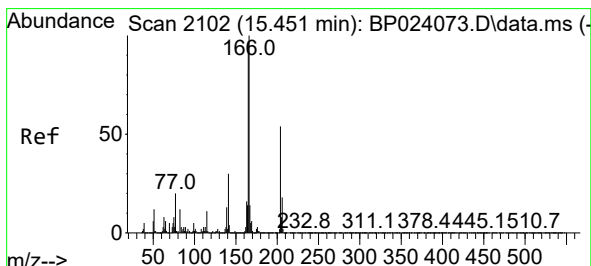
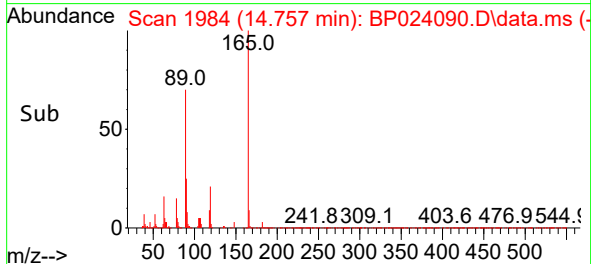
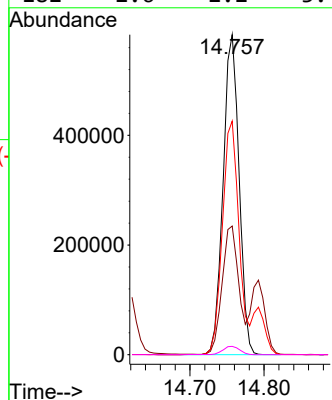
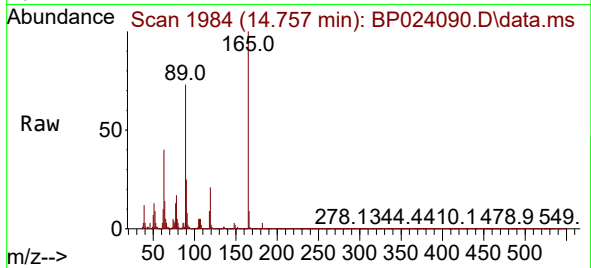




#57
2,4-Dinitrotoluene
Concen: 38.338 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

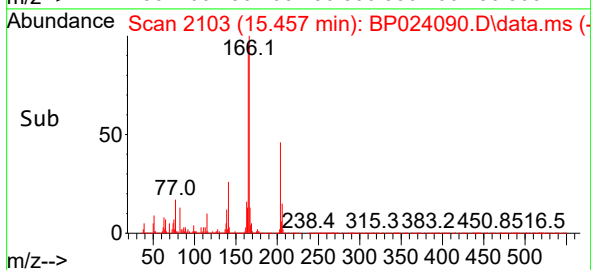
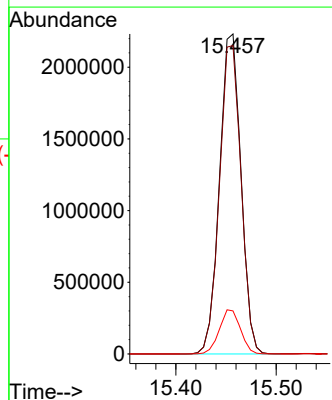
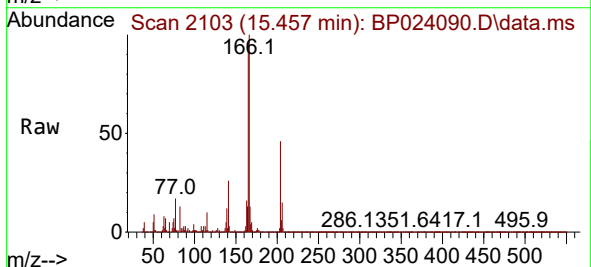
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

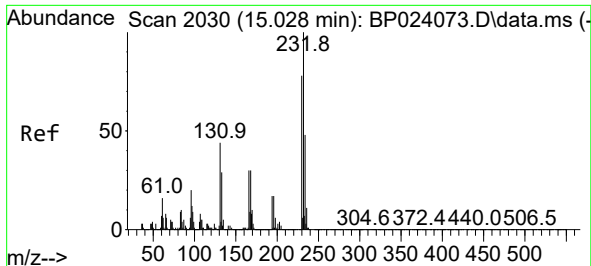
Tgt Ion:165 Resp: 871931
Ion Ratio Lower Upper
165 100
63 40.2 30.4 45.6
89 73.0 54.8 82.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 38.457 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:166 Resp: 3313255
Ion Ratio Lower Upper
166 100
165 96.4 77.5 116.3
167 13.5 10.9 16.3

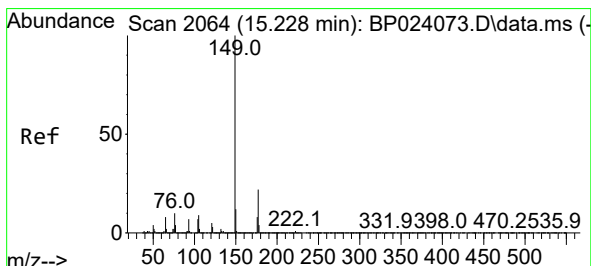
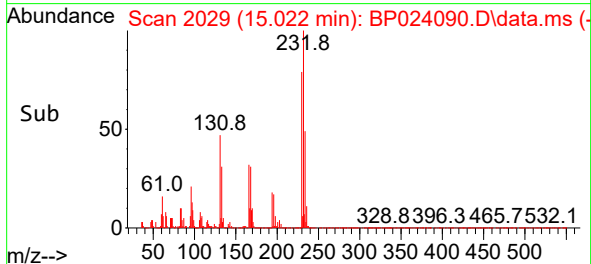
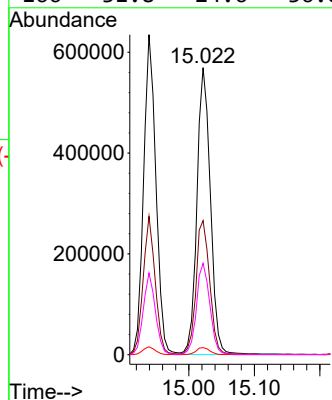
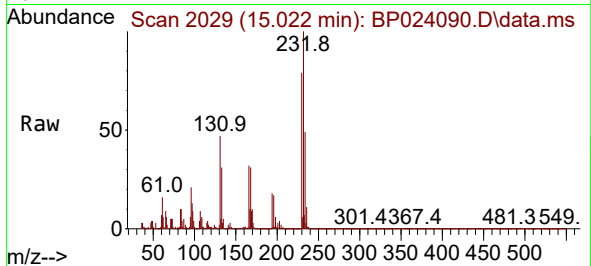




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.468 ng
RT: 15.022 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

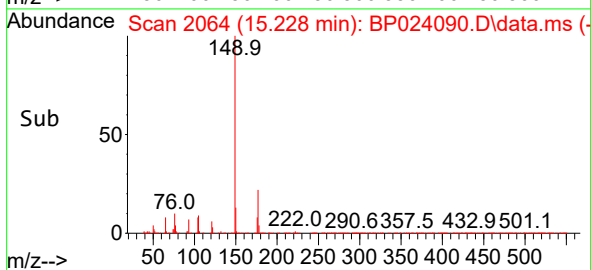
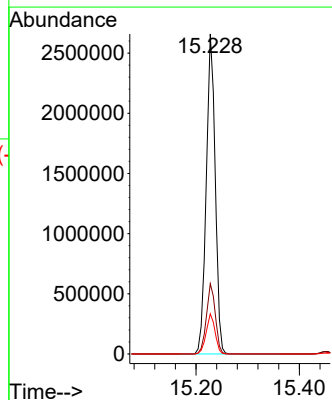
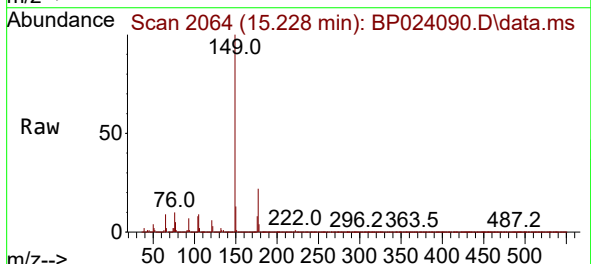
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

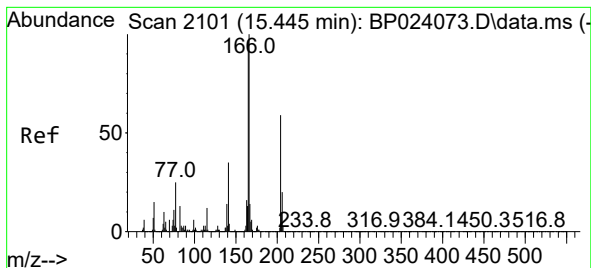
Tgt Ion:232 Resp: 811686
Ion Ratio Lower Upper
232 100
131 47.4 37.3 55.9
130 2.5 1.9 2.9
166 31.8 24.6 36.8



#60
Diethylphthalate
Concen: 37.560 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:149 Resp: 3204613
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.6 9.8 14.6

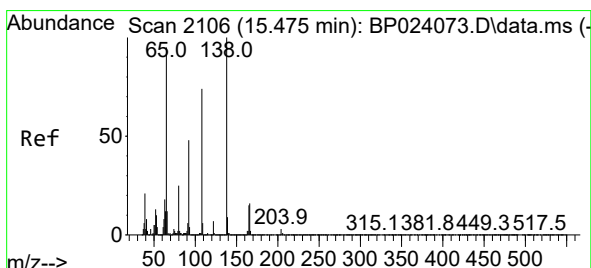
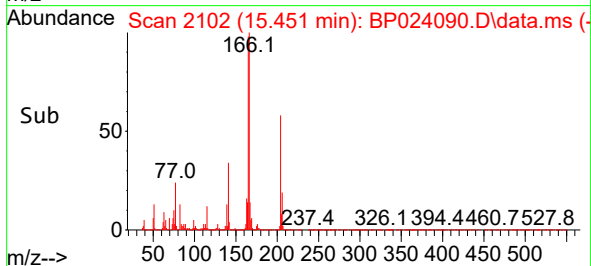
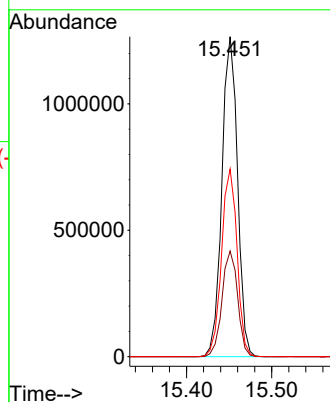
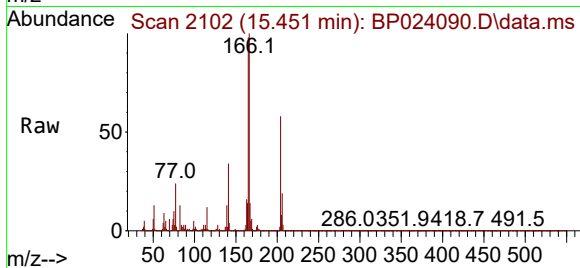




#61
4-Chlorophenyl-phenylether
Concen: 38.011 ng
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

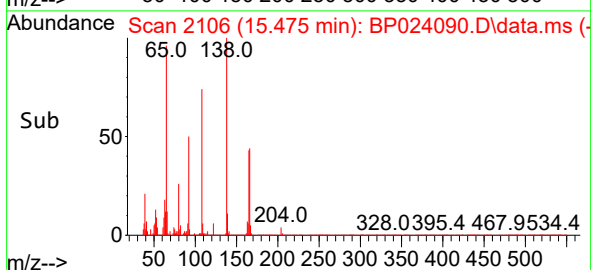
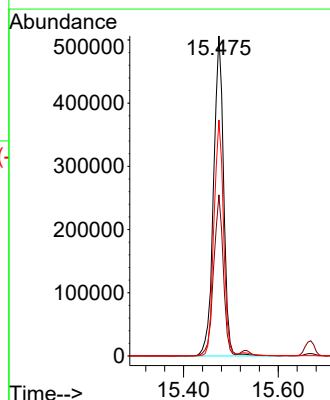
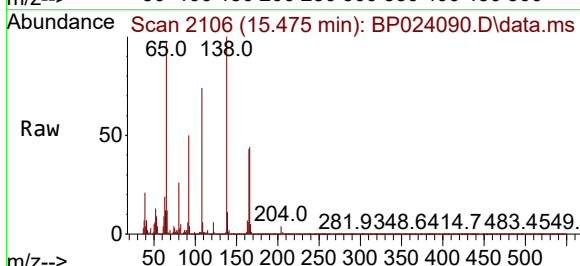
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

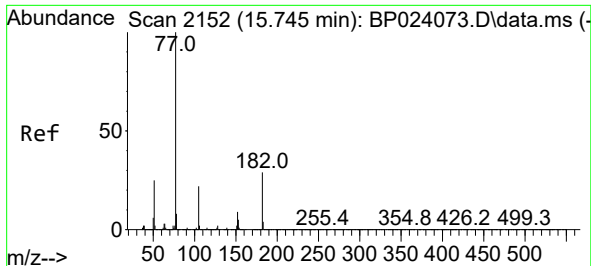
Tgt Ion:204 Resp: 1611882
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 58.6 47.8 71.6



#62
4-Nitroaniline
Concen: 34.886 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:138 Resp: 750291
Ion Ratio Lower Upper
138 100
92 50.4 28.3 68.3
108 73.8 54.0 94.0



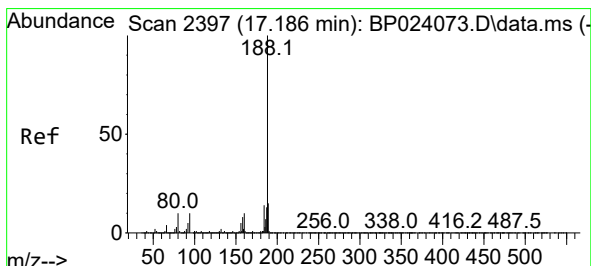
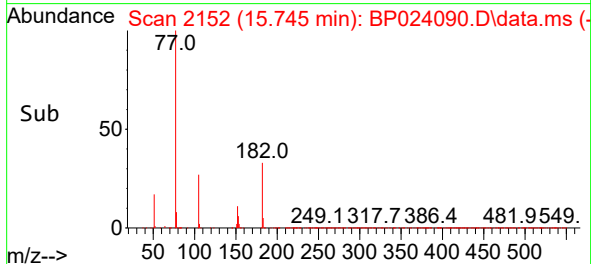
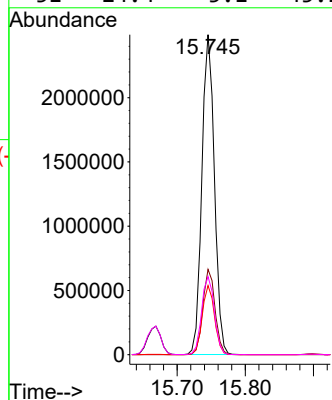
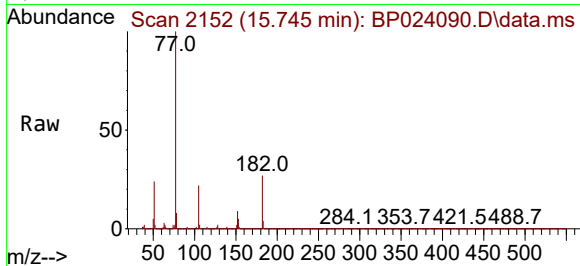


#63
Azobenzene
Concen: 39.739 ng
RT: 15.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 3177126

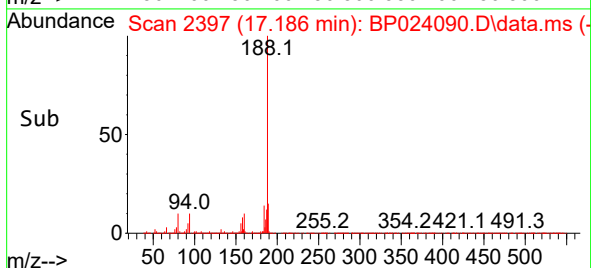
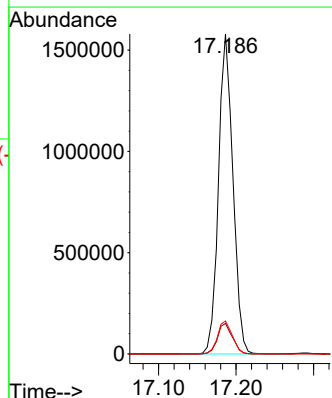
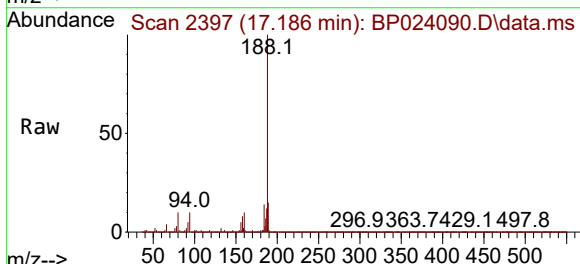
Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.5	48.5
105	21.6	1.8	41.8
51	24.4	5.1	45.1

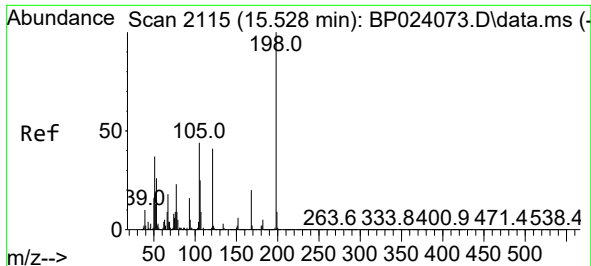


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion: 188 Resp: 2041921

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.3	8.2	12.2

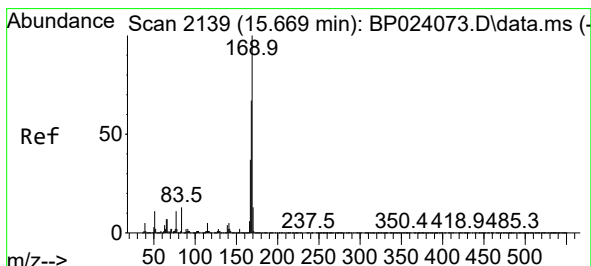
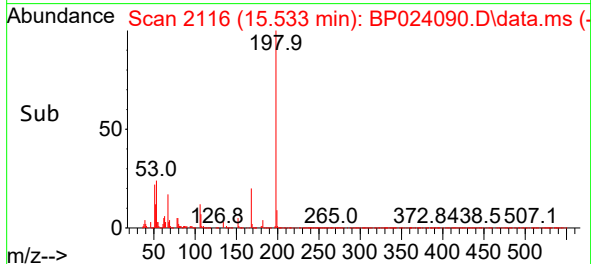
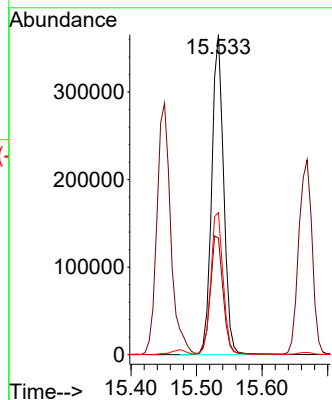
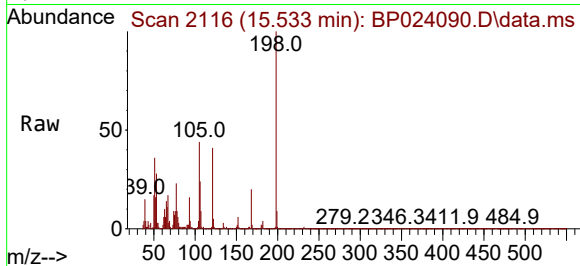




#65
4,6-Dinitro-2-methylphenol
Concen: 36.977 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.005 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

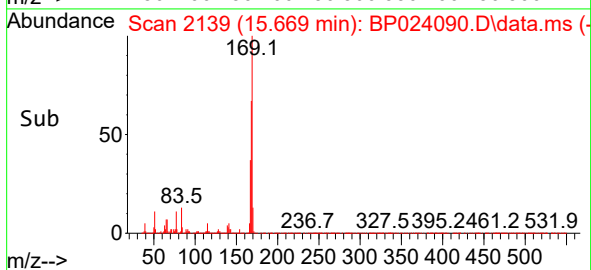
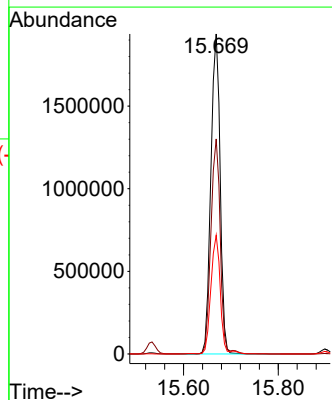
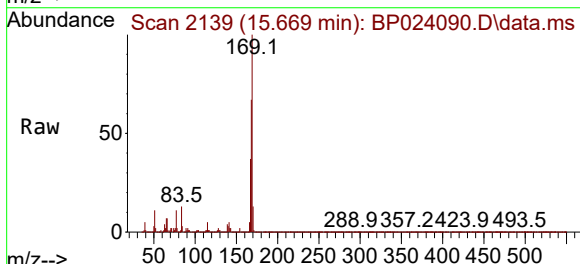
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

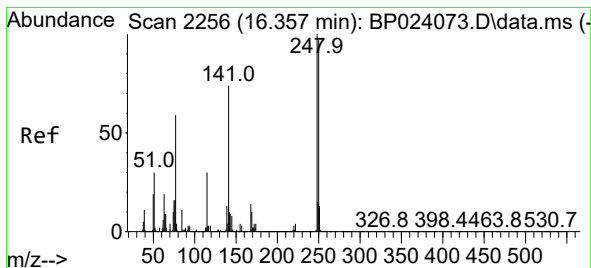
Tgt Ion:198 Resp: 464311
Ion Ratio Lower Upper
198 100
51 36.4 18.7 58.7
105 44.4 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 41.231 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:169 Resp: 2625461
Ion Ratio Lower Upper
169 100
168 67.2 53.6 80.4
167 37.1 29.5 44.3

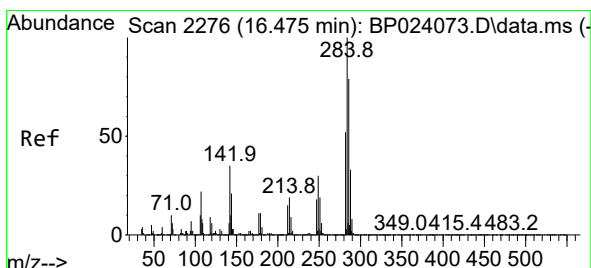
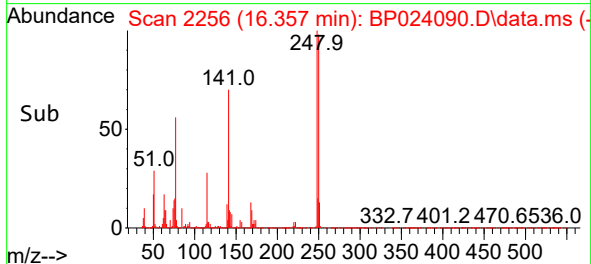
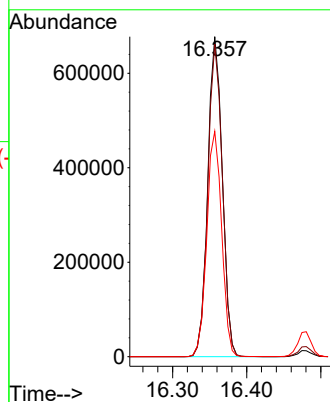
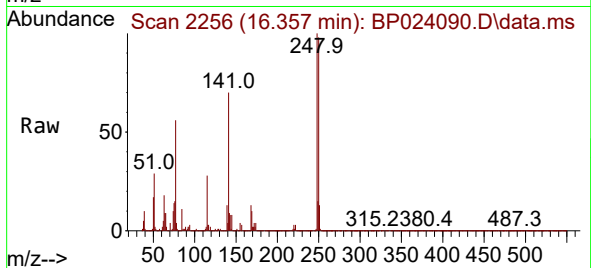




#67
4-Bromophenyl-phenylether
Concen: 40.366 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

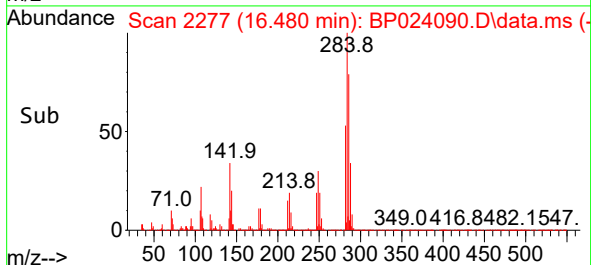
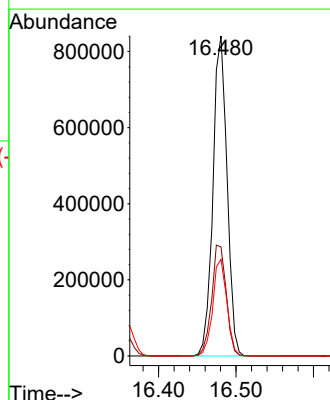
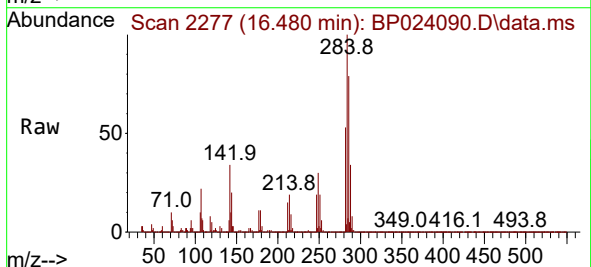
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

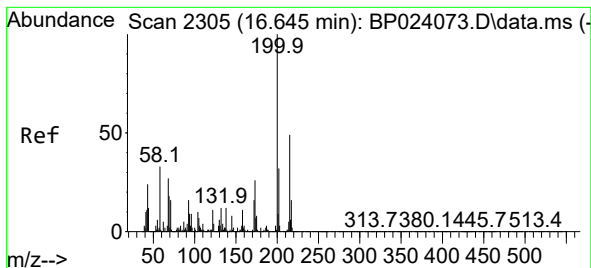
Tgt Ion:248 Resp: 925576
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 70.4 58.8 88.2



#68
Hexachlorobenzene
Concen: 39.426 ng
RT: 16.480 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:284 Resp: 1063761
Ion Ratio Lower Upper
284 100
142 34.1 27.7 41.5
249 30.2 23.8 35.6





#69

Atrazine

Concen: 39.784 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

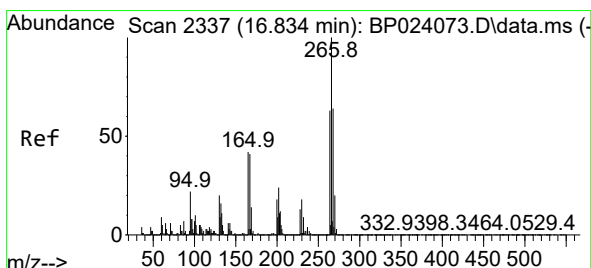
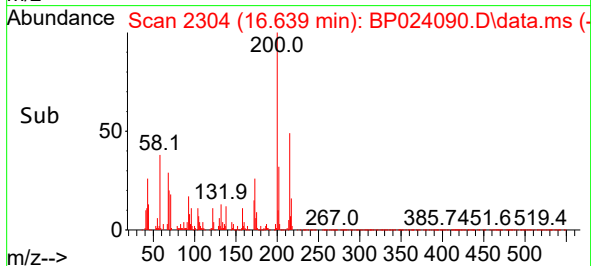
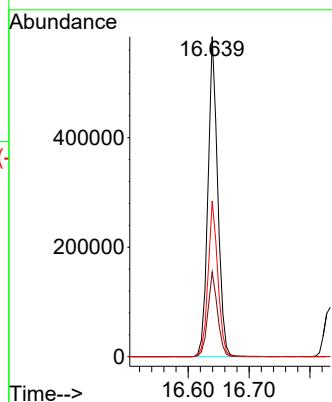
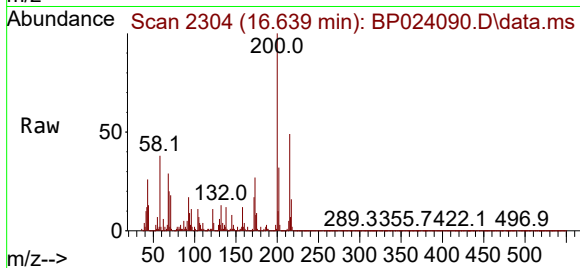
Tgt Ion:200 Resp: 650124

Ion Ratio Lower Upper

200 100

173 26.5 5.7 45.7

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 38.893 ng

RT: 16.833 min Scan# 2337

Delta R.T. -0.001 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

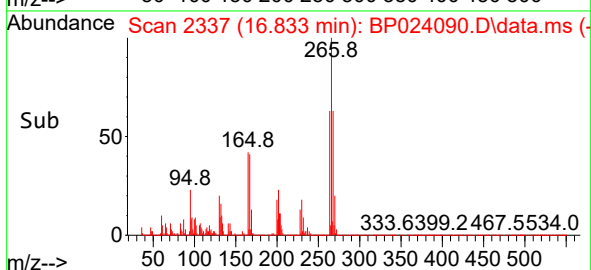
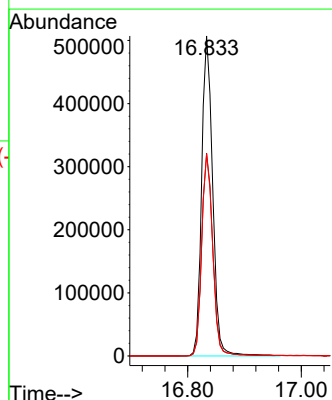
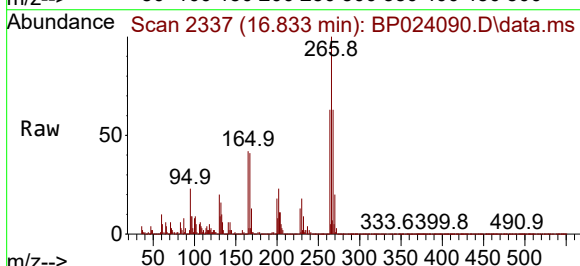
Tgt Ion:266 Resp: 681557

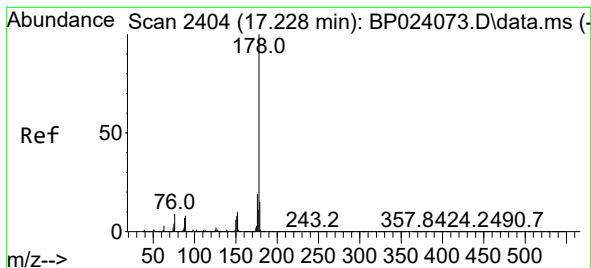
Ion Ratio Lower Upper

266 100

268 63.3 51.3 76.9

264 63.2 50.5 75.7





#71

Phenanthrene

Concen: 38.940 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

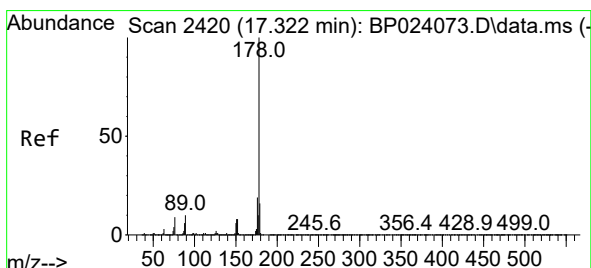
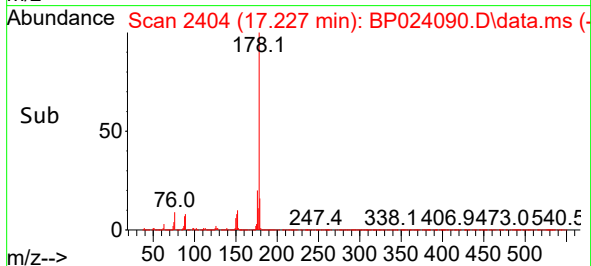
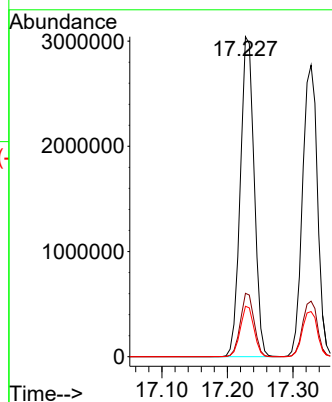
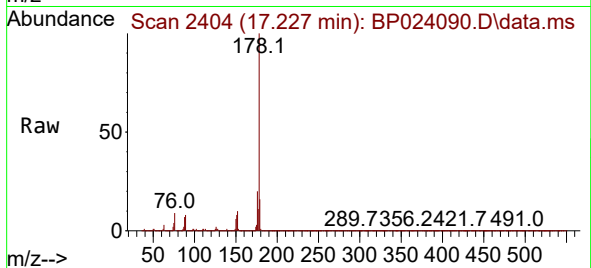
Tgt Ion:178 Resp: 4482765

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.8 12.4 18.6



#72

Anthracene

Concen: 39.676 ng

RT: 17.327 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

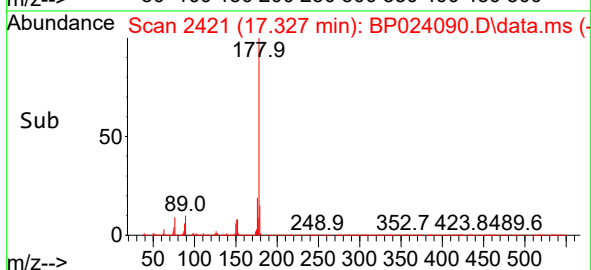
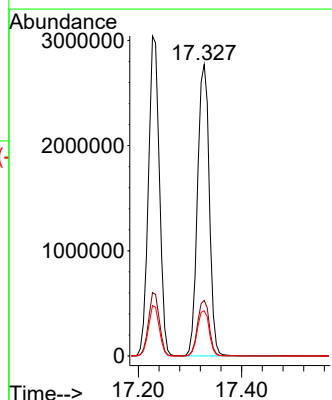
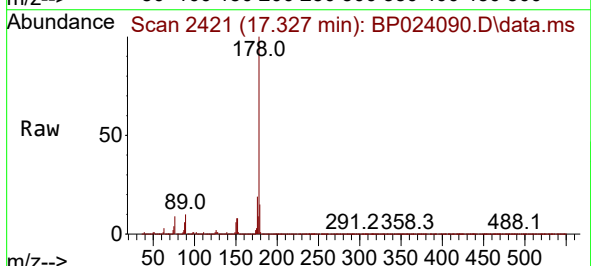
Tgt Ion:178 Resp: 4377030

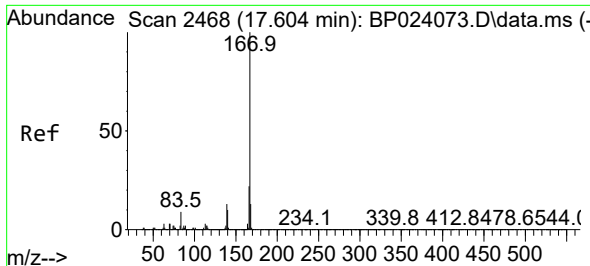
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.5 12.6 19.0

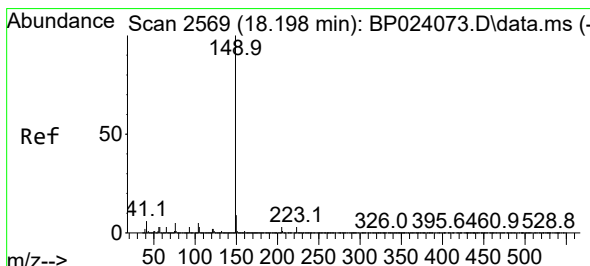
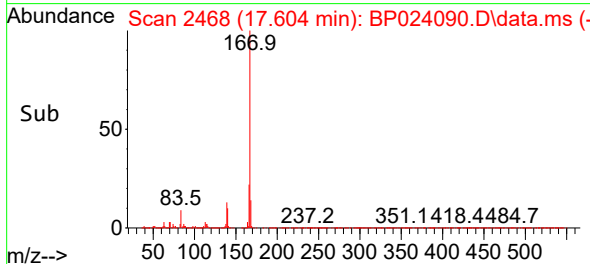
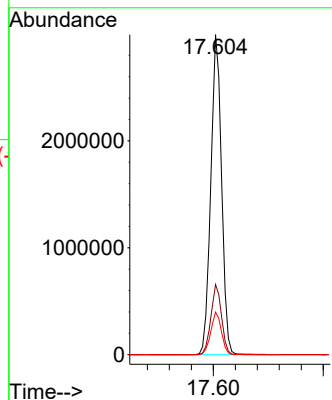
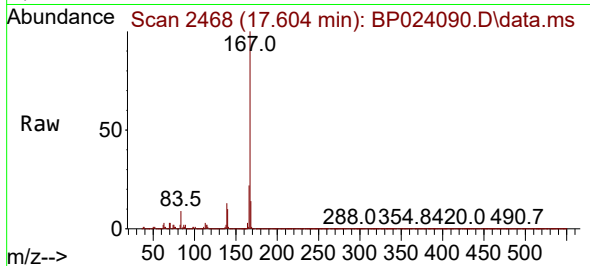




#73
 Carbazole
 Concen: 38.651 ng
 RT: 17.604 min Scan# 2468
 Delta R.T. -0.000 min
 Lab File: BP024090.D
 Acq: 18 Feb 2025 19:20

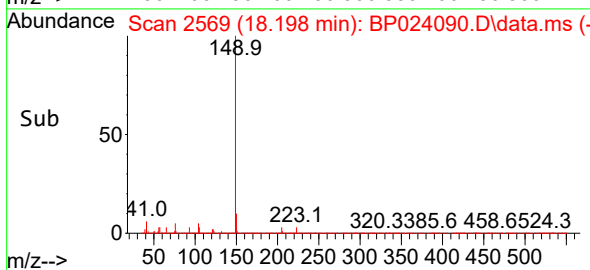
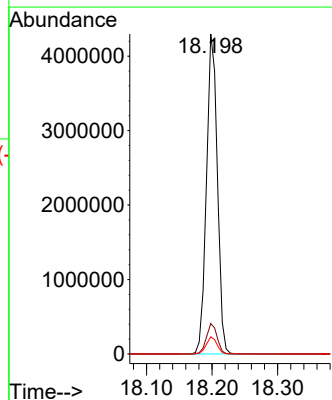
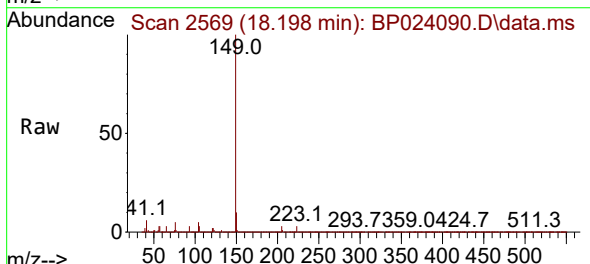
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

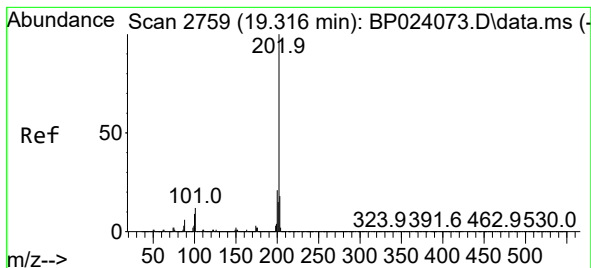
Tgt Ion:167 Resp: 4062613
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.3 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 40.564 ng
 RT: 18.198 min Scan# 2569
 Delta R.T. -0.000 min
 Lab File: BP024090.D
 Acq: 18 Feb 2025 19:20

Tgt Ion:149 Resp: 4974965
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 35.959 ng

RT: 19.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

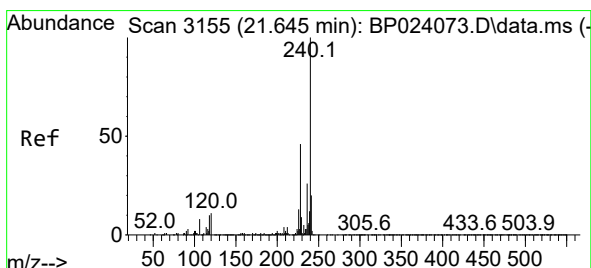
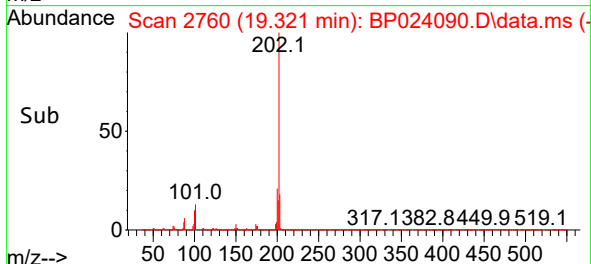
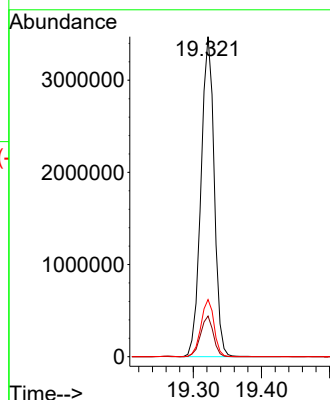
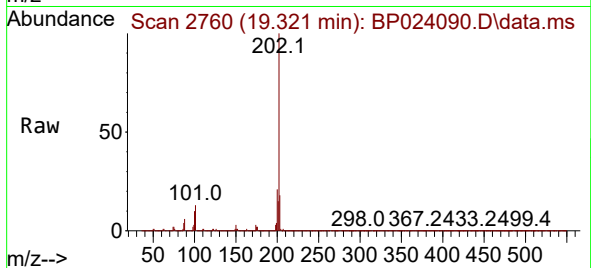
Tgt Ion:202 Resp: 4682213

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.9

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3155

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

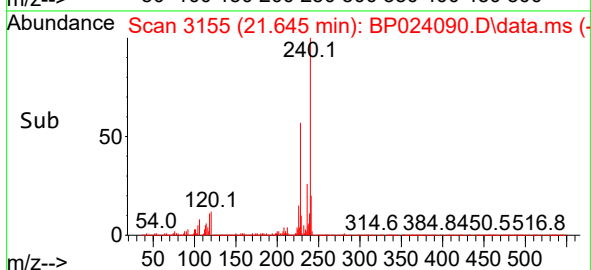
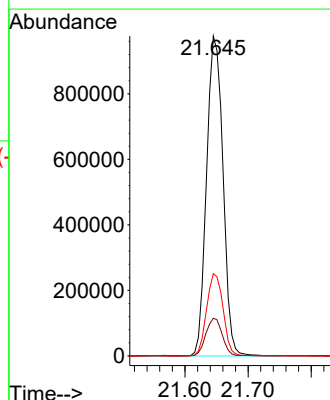
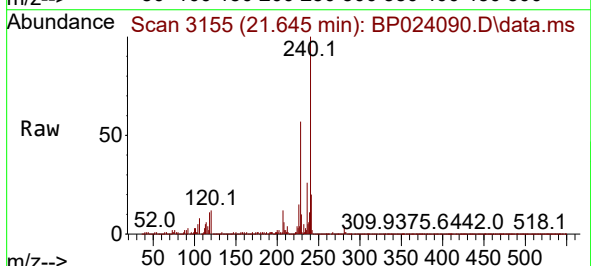
Tgt Ion:240 Resp: 1766633

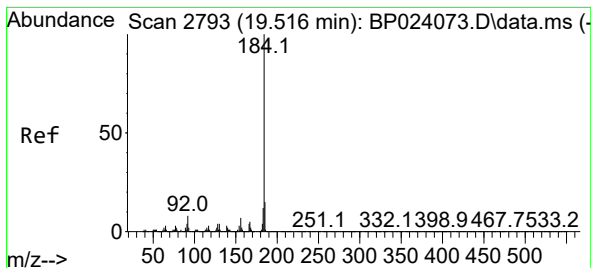
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.7 20.7 31.1





#77

Benzidine

Concen: 27.438 ng

RT: 19.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

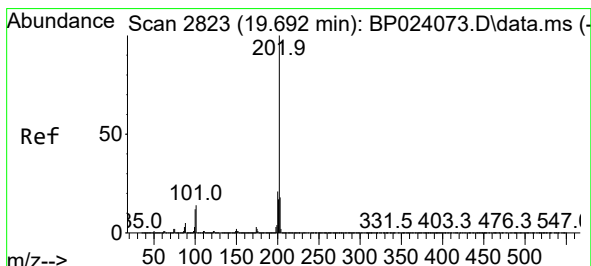
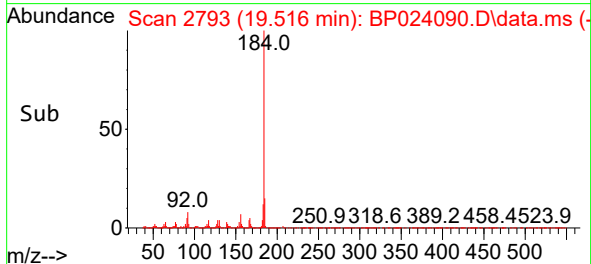
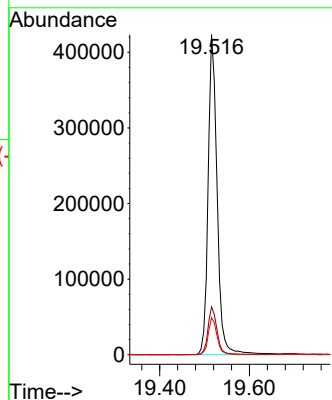
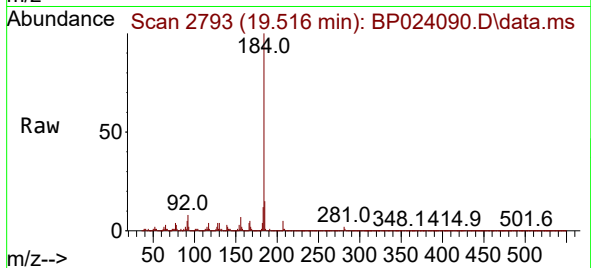
Tgt Ion:184 Resp: 590671

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 43.336 ng

RT: 19.698 min Scan# 2824

Delta R.T. 0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

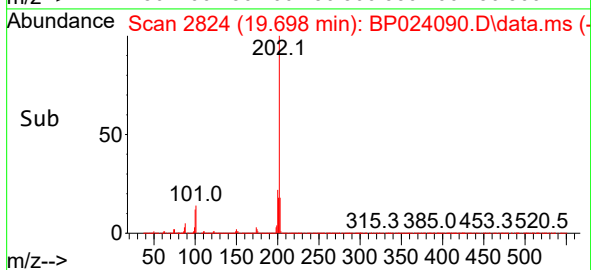
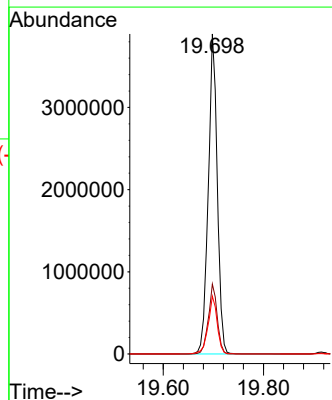
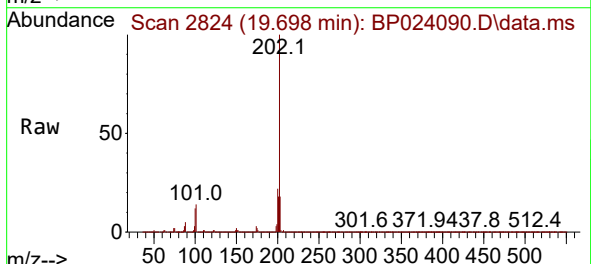
Tgt Ion:202 Resp: 4862969

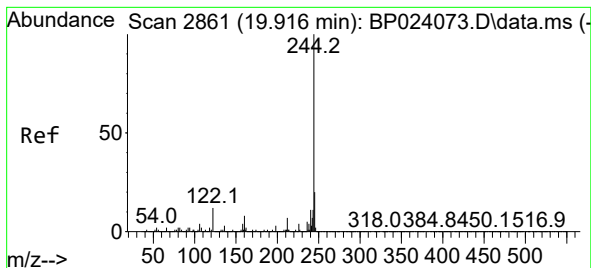
Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 88.241 ng

RT: 19.916 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

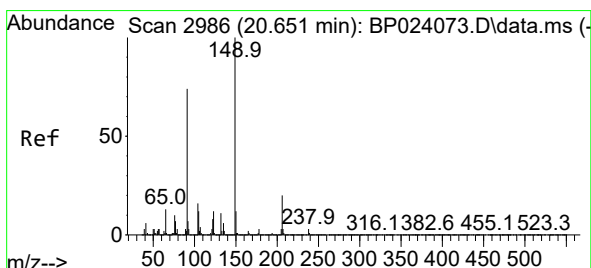
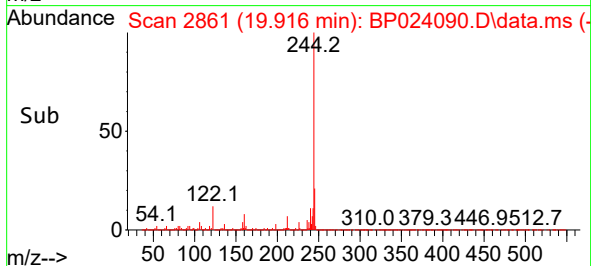
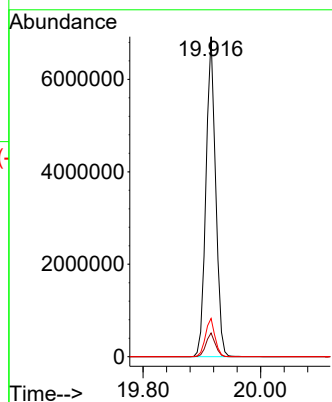
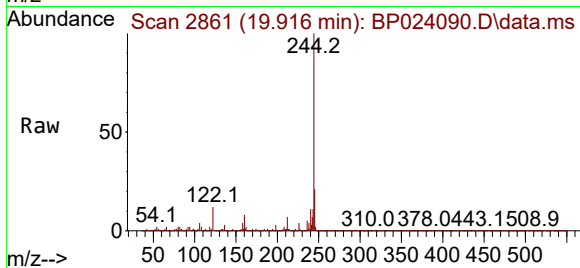
Tgt Ion:244 Resp: 7878163

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 43.033 ng

RT: 20.651 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

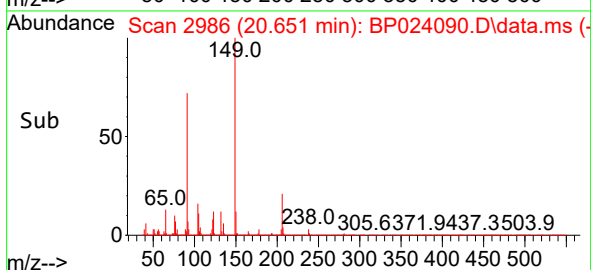
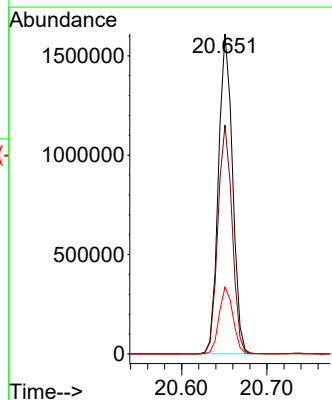
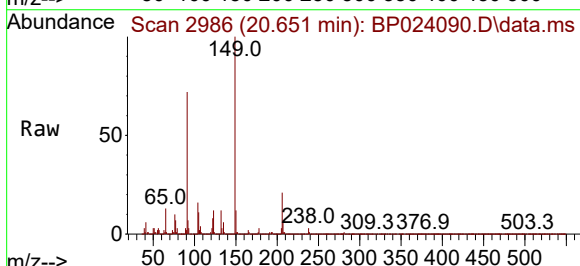
Tgt Ion:149 Resp: 1850427

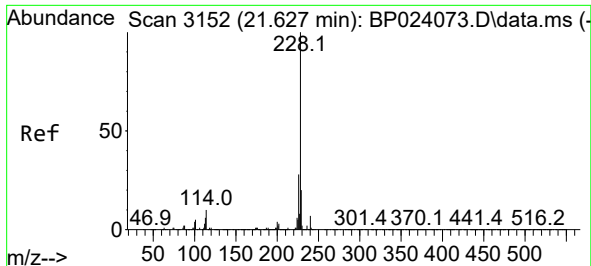
Ion Ratio Lower Upper

149 100

91 71.5 59.4 89.0

206 20.9 16.2 24.2

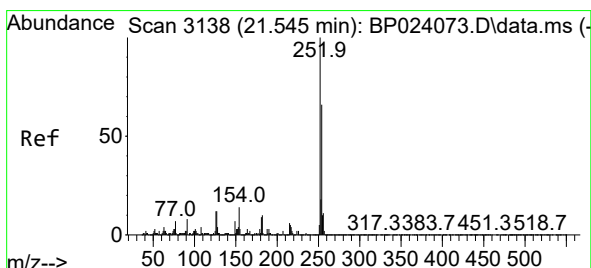
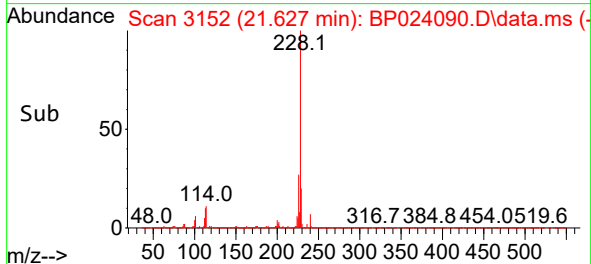
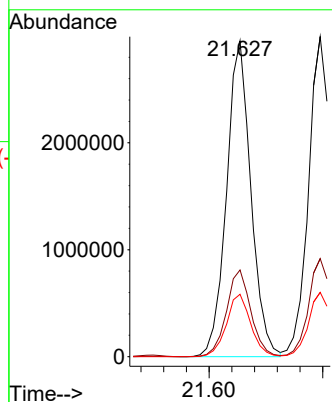
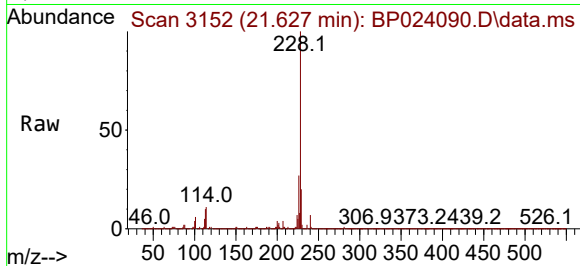




#81
Benzo(a)anthracene
Concen: 39.701 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

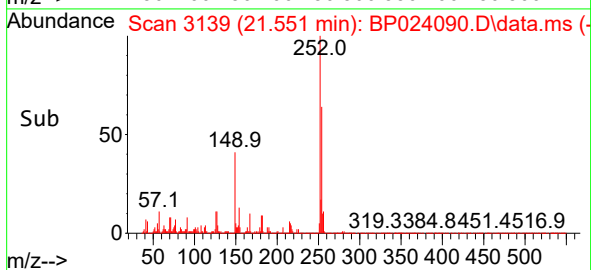
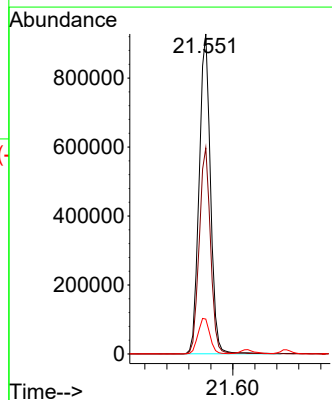
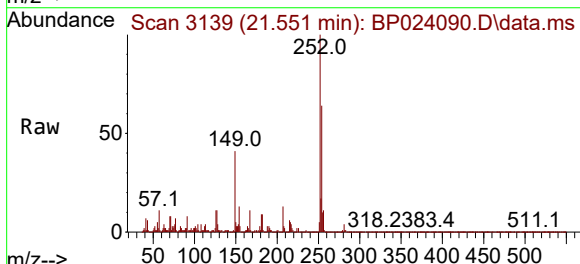
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

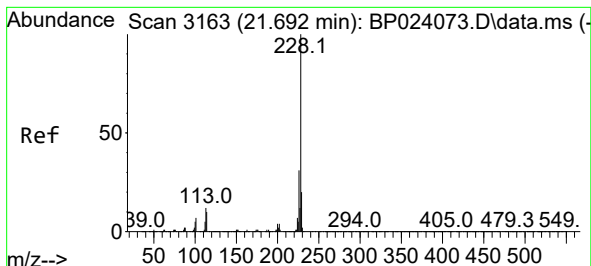
Tgt Ion:228 Resp: 4397922
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.388 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:252 Resp: 1328838
Ion Ratio Lower Upper
252 100
254 64.4 52.4 78.6
126 10.9 9.6 14.4





#83

Chrysene

Concen: 39.645 ng

RT: 21.698 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

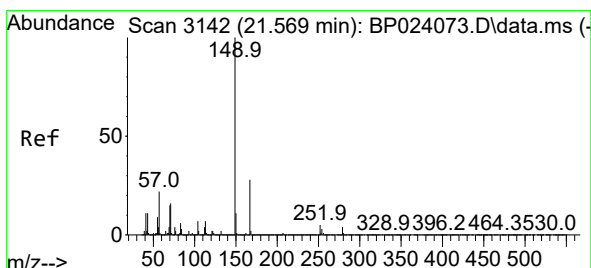
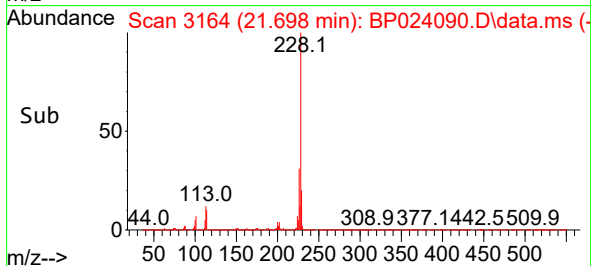
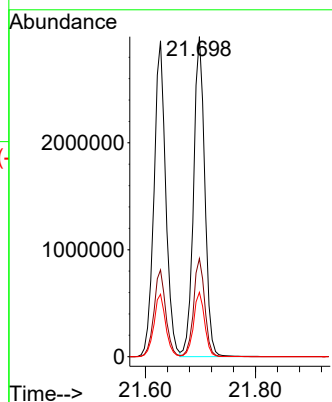
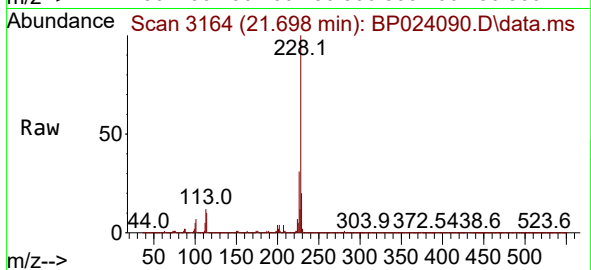
Tgt Ion:228 Resp: 4234811

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.992 ng

RT: 21.568 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

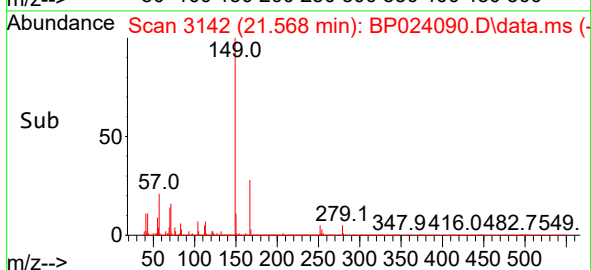
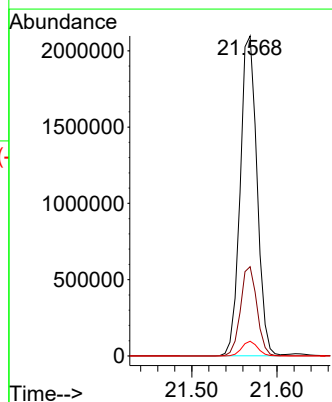
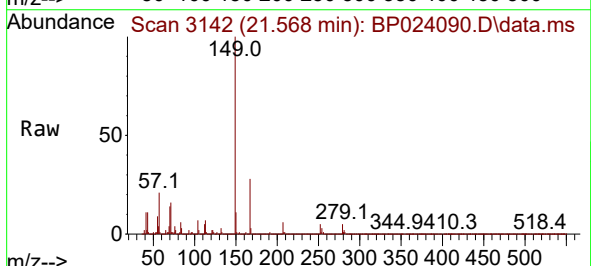
Tgt Ion:149 Resp: 2868623

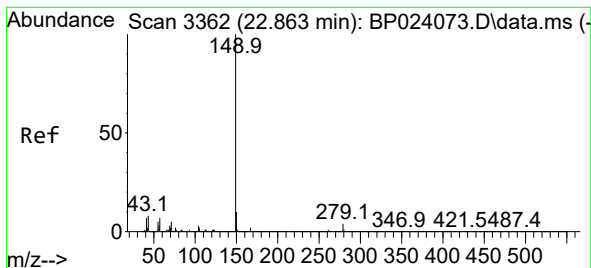
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.006 ng

RT: 22.868 min Scan# 31

Delta R.T. 0.005 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

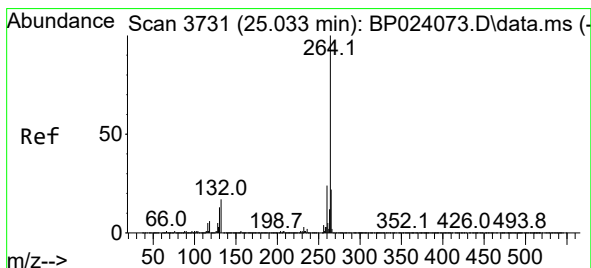
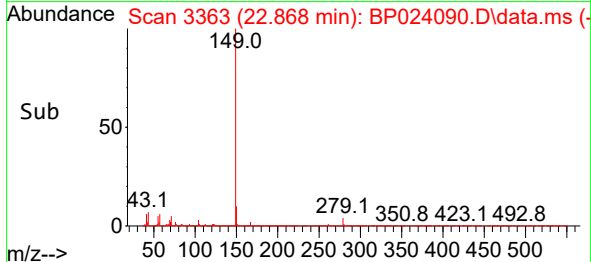
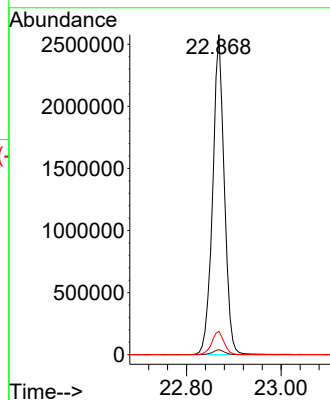
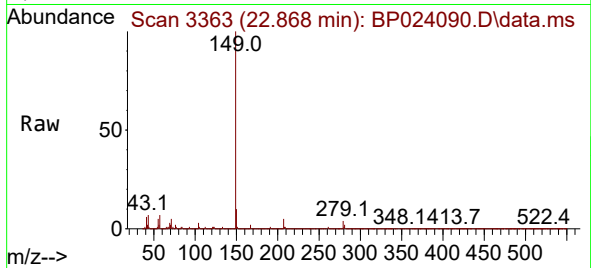
Tgt Ion:149 Resp: 4378168

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.7 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3731

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

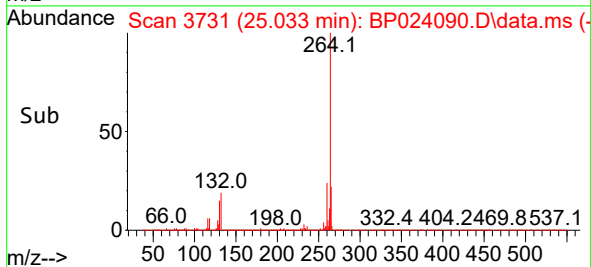
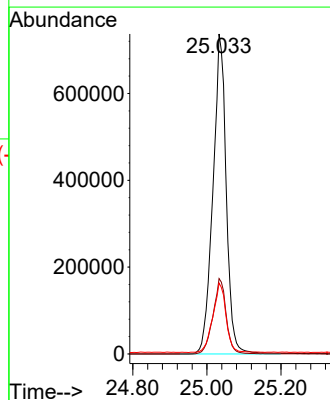
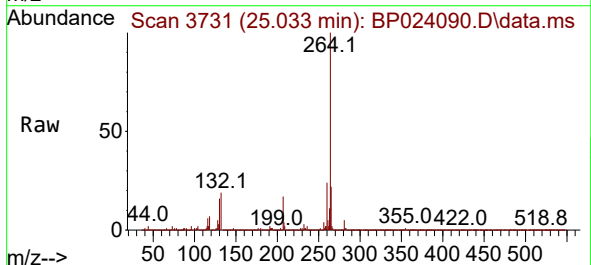
Tgt Ion:264 Resp: 1833493

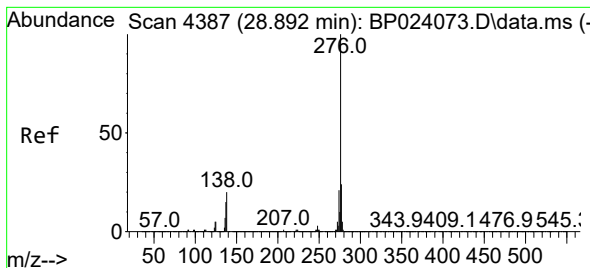
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 17.462 ng

RT: 28.868 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

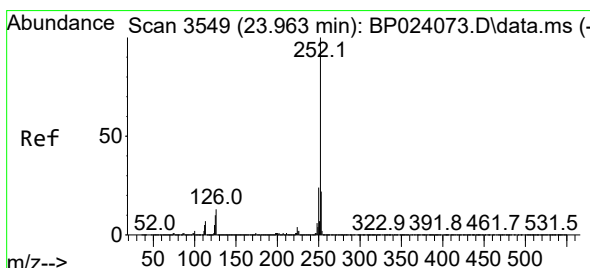
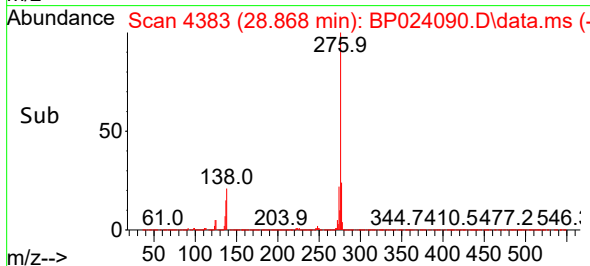
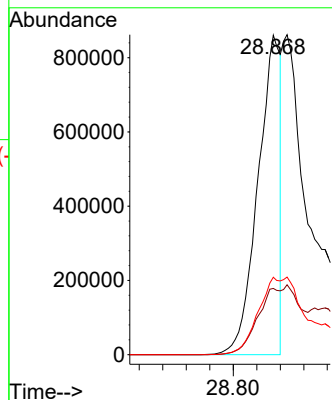
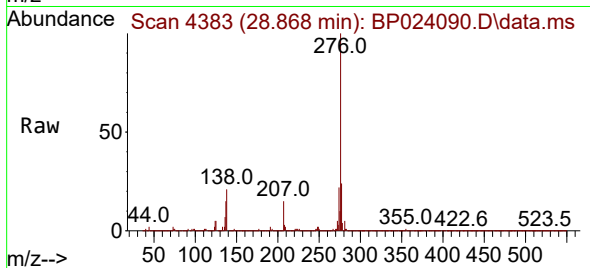
Tgt Ion:276 Resp: 2277632

Ion Ratio Lower Upper

276 100

138 21.7 14.2 21.4#

277 24.3 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 38.947 ng

RT: 23.962 min Scan# 3549

Delta R.T. -0.000 min

Lab File: BP024090.D

Acq: 18 Feb 2025 19:20

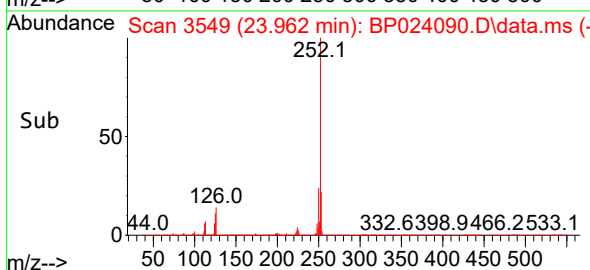
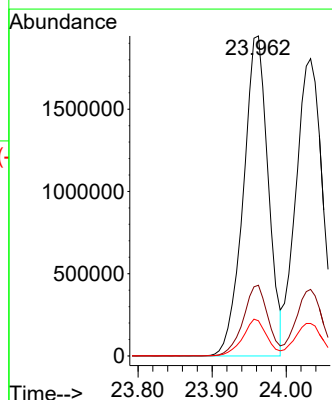
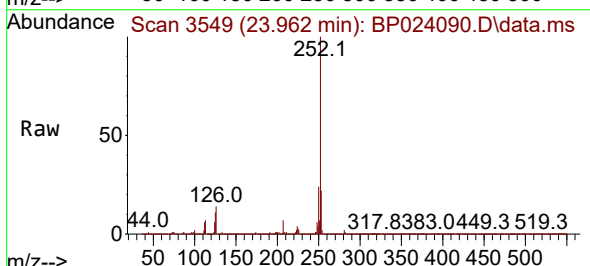
Tgt Ion:252 Resp: 4534643

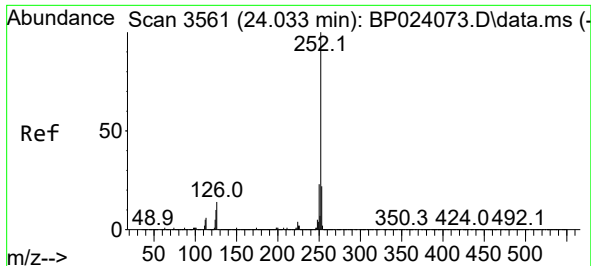
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.0 8.4 12.6

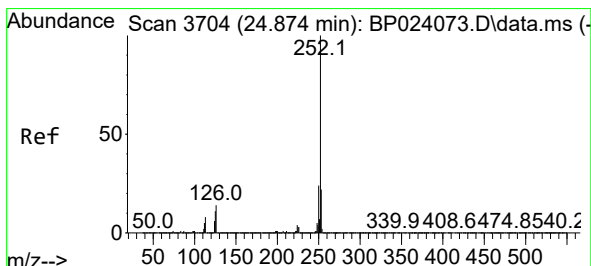
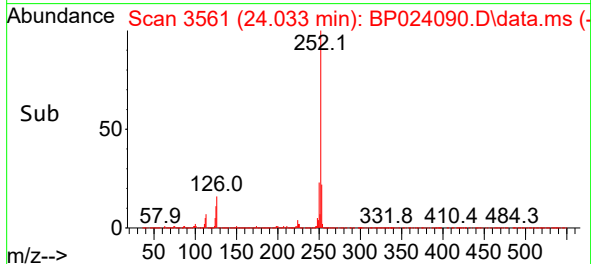
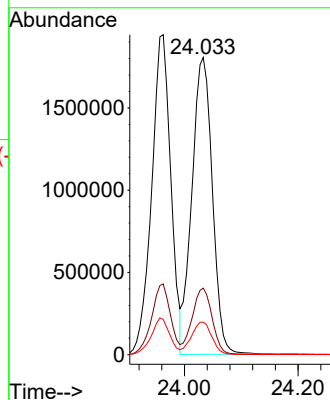
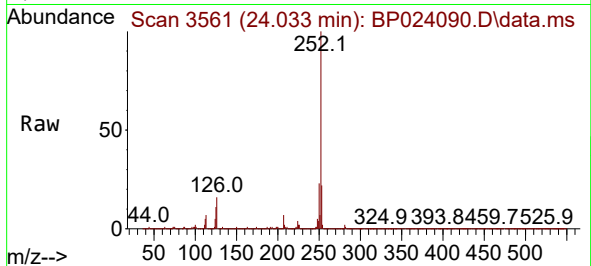




#89
Benzo(k)fluoranthene
Concen: 39.843 ng
RT: 24.033 min Scan# 3561
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

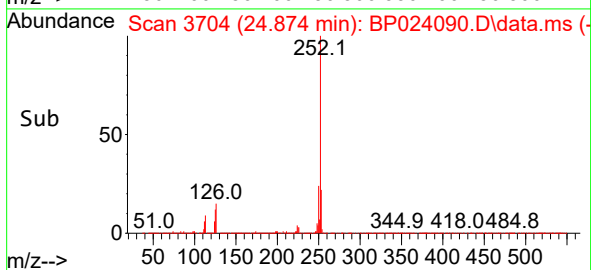
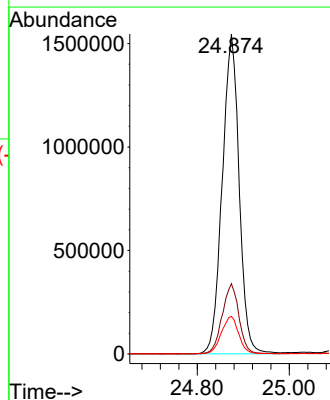
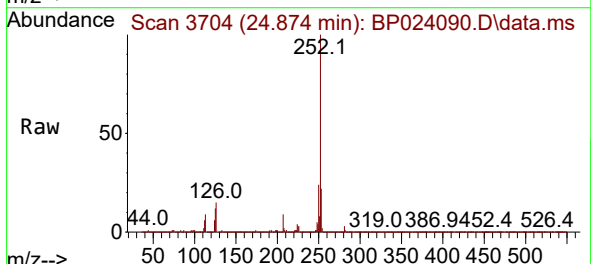
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

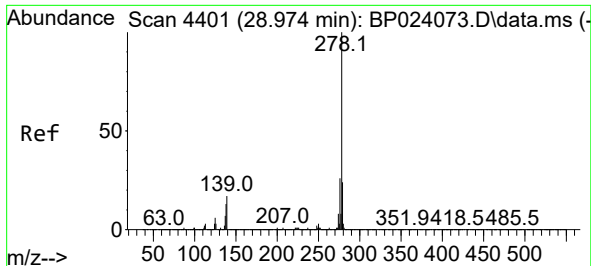
Tgt Ion:252 Resp: 4515429
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 39.592 ng
RT: 24.874 min Scan# 3704
Delta R.T. -0.000 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:252 Resp: 3912125
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 8.8 13.2

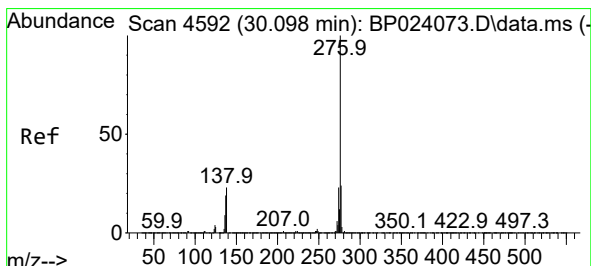
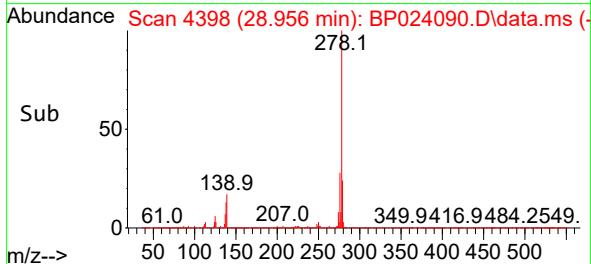
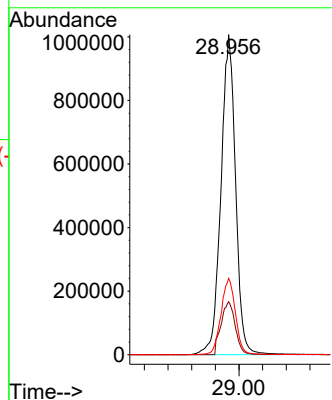
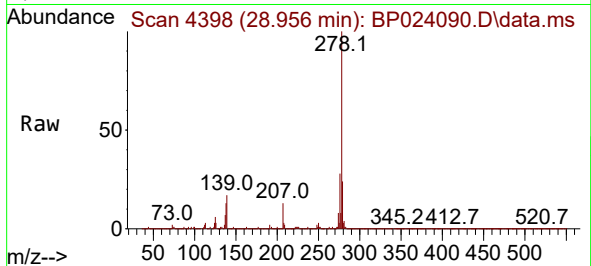




#91
Dibenzo(a,h)anthracene
Concen: 39.311 ng
RT: 28.956 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 4311346
Ion Ratio Lower Upper
278 100
139 16.6 13.4 20.0
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.915 ng
RT: 30.062 min Scan# 4586
Delta R.T. -0.035 min
Lab File: BP024090.D
Acq: 18 Feb 2025 19:20

Tgt Ion:276 Resp: 4330859
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 22.8 18.1 27.1

