

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024124.D
 Acq On : 27 Feb 2025 17:54
 Operator : RC/JU
 Sample : Q1442-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 351MS

Quant Time: Feb 28 00:08:30 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	7.758	152	403170	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1572816	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	903094	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1712511	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1833168	20.000	ng	0.00
86) Perylene-d12	25.039	264	1984229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3135788	121.362	ng	0.00
7) Phenol-d6	6.940	99	3960038	119.246	ng	0.00
23) Nitrobenzene-d5	8.899	82	2281031	80.910	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1396383	126.234	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4721994	73.097	ng	-0.01
79) Terphenyl-d14	19.916	244	6889738	74.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	457414	45.128	ng	98
3) Pyridine	3.705	79	1124642	42.677	ng	99
4) n-Nitrosodimethylamine	3.611	42	415056	44.403	ng	94
6) Aniline	7.093	93	922209	30.323	ng	99
8) 2-Chlorophenol	7.328	128	1233301	45.096	ng	96
9) Benzaldehyde	6.905	77	476534	31.430	ng	99
10) Phenol	6.964	94	1619768	48.505	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	1194738	45.423	ng	98
12) 1,3-Dichlorobenzene	7.646	146	1316125	43.806	ng	100
13) 1,4-Dichlorobenzene	7.793	146	1341649	44.157	ng	99
14) 1,2-Dichlorobenzene	8.105	146	1274270	43.700	ng	100
15) Benzyl Alcohol	7.993	79	977634	48.093	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1224858	47.972	ng	97
17) 2-Methylphenol	8.199	107	1005445	49.407	ng	99
18) Hexachloroethane	8.822	117	479530	43.824	ng	96
19) n-Nitroso-di-n-propyla...	8.552	70	839183	46.998	ng	100
20) 3+4-Methylphenols	8.522	107	1341360	48.452	ng	99
22) Acetophenone	8.569	105	1945622	48.139	ng	100
24) Nitrobenzene	8.946	77	1253777	45.188	ng	99
25) Isophorone	9.469	82	2244227	48.679	ng	100
26) 2-Nitrophenol	9.652	139	606099	47.416	ng	99
27) 2,4-Dimethylphenol	9.716	122	998578	59.512	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	1466016	43.895	ng	99
29) 2,4-Dichlorophenol	10.187	162	1056479	46.137	ng	100
30) 1,2,4-Trichlorobenzene	10.393	180	1098902	41.885	ng	99
31) Naphthalene	10.581	128	3600583	42.575	ng	100
32) Benzoic acid	9.852	122	668589	39.540	ng	100
33) 4-Chloroaniline	10.687	127	496677	16.671	ng	98
34) Hexachlorobutadiene	10.869	225	633747	41.704	ng	99
35) Caprolactam	11.481	113	385160	49.712	ng	95
36) 4-Chloro-3-methylphenol	11.822	107	1110684	47.182	ng	97
37) 2-Methylnaphthalene	12.193	142	2352689	41.856	ng	100
38) 1-Methylnaphthalene	12.410	142	2297921	42.023	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1305931	47.064	ng	99
41) Hexachlorocyclopentadiene	12.546	237	1408970	136.457	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	796806	47.086	ng	99

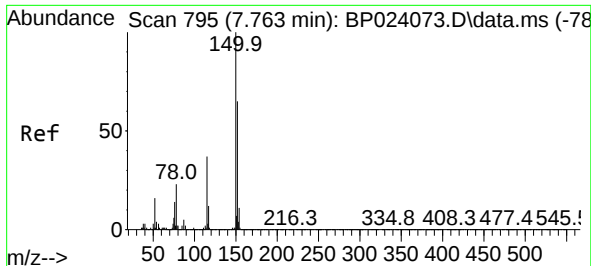
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 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	877684	47.425	ng	99
46) 1,1'-Biphenyl	13.210	154	3373939	48.078	ng	99
47) 2-Chloronaphthalene	13.251	162	2317117	43.679	ng	99
48) 2-Nitroaniline	13.457	65	662558	52.872	ng	99
49) Acenaphthylene	14.104	152	3897558	49.867	ng	100
50) Dimethylphthalate	13.840	163	2798849	43.936	ng	99
51) 2,6-Dinitrotoluene	13.957	165	613039	47.242	ng	99
52) Acenaphthene	14.451	154	2300031	45.697	ng	99
53) 3-Nitroaniline	14.293	138	400280	28.907	ng	97
54) 2,4-Dinitrophenol	14.498	184	627897	74.036	ng	96
55) Dibenzofuran	14.793	168	3473622	42.484	ng	99
56) 4-Nitrophenol	14.622	139	1345194	112.463	ng	94
57) 2,4-Dinitrotoluene	14.757	165	865162	51.324	ng	99
58) Fluorene	15.451	166	2934147	45.950	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	744179	46.347	ng	99
60) Diethylphthalate	15.228	149	2760256	43.649	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1363999	43.397	ng	96
62) 4-Nitroaniline	15.469	138	713336	43.821	ng	96
63) Azobenzene	15.745	77	2901046	48.956	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	408812	38.520	ng	97
66) n-Nitrosodiphenylamine	15.669	169	2399581	44.932	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	825220	42.912	ng	99
68) Hexachlorobenzene	16.475	284	1000271	44.205	ng	98
69) Atrazine	16.640	200	922345	67.300	ng	99
70) Pentachlorophenol	16.834	266	1434299	97.593	ng	100
71) Phenanthrene	17.234	178	5884913	60.953	ng	99
72) Anthracene	17.322	178	4698379	50.781	ng	100
73) Carbazole	17.610	167	4357962	49.436	ng	100
74) Di-n-butylphthalate	18.198	149	5036344	48.963	ng	100
75) Fluoranthene	19.328	202	8032892	73.558	ng	99
77) Benzidine	19.516	184	2476266	110.854	ng	100
78) Pyrene	19.698	202	7685078	65.999	ng	99
80) Butylbenzylphthalate	20.645	149	2329768	52.214	ng	98
81) Benzo(a)anthracene	21.633	228	6290214	54.722	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	1099325	30.605	ng	98
83) Chrysene	21.698	228	6097082	55.007	ng	99
84) Bis(2-ethylhexyl)phtha...	21.575	149	3387355	50.062	ng	99
85) Di-n-octyl phthalate	22.869	149	5641851	52.165	ng	99
87) Indeno(1,2,3-cd)pyrene	28.886	276	7327500	51.909	ng	# 93
88) Benzo(b)fluoranthene	23.969	252	6572380	52.160	ng	99
89) Benzo(k)fluoranthene	24.039	252	5919161	48.262	ng	99
90) Benzo(a)pyrene	24.880	252	5948762	55.630	ng	99
91) Dibenzo(a,h)anthracene	28.951	278	5599736	47.179	ng	99
92) Benzo(g,h,i)perylene	30.074	276	5840010	48.489	ng	99

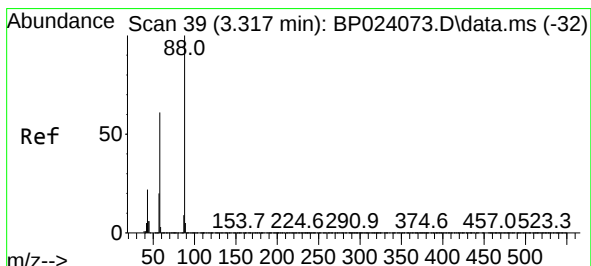
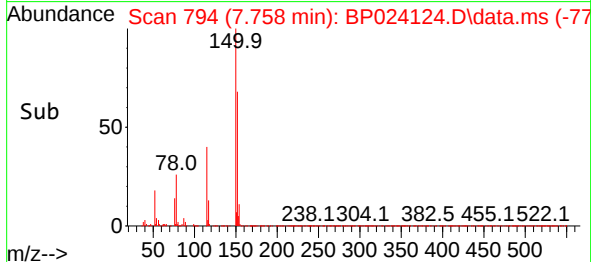
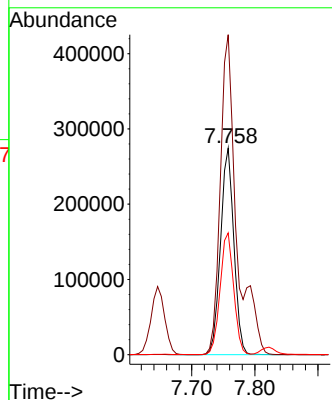
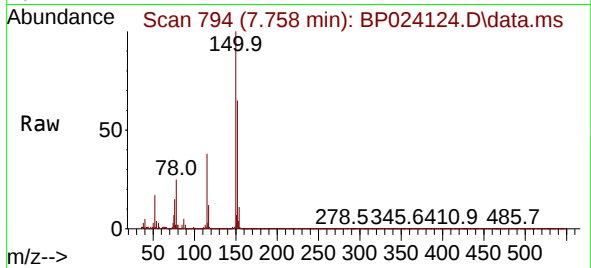
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.758 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: BP024124.D
 Acq: 27 Feb 2025 17:54

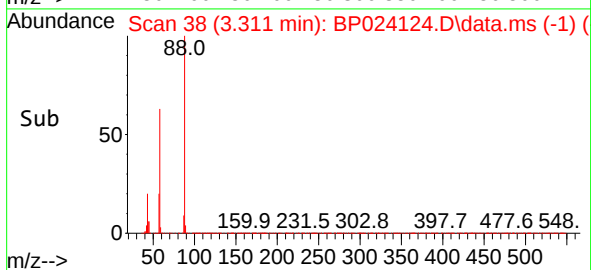
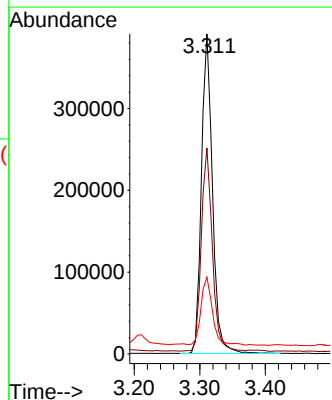
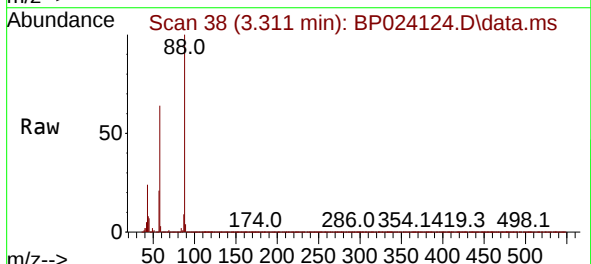
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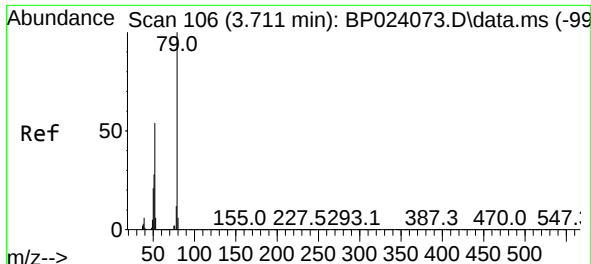
Tgt Ion:152 Resp: 403170
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.4 183.6
 115 58.9 45.0 67.6



#2
 1,4-Dioxane
 Concen: 45.128 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BP024124.D
 Acq: 27 Feb 2025 17:54

Tgt Ion: 88 Resp: 457414
 Ion Ratio Lower Upper
 88 100
 58 63.1 49.1 73.7
 43 23.0 18.0 27.0

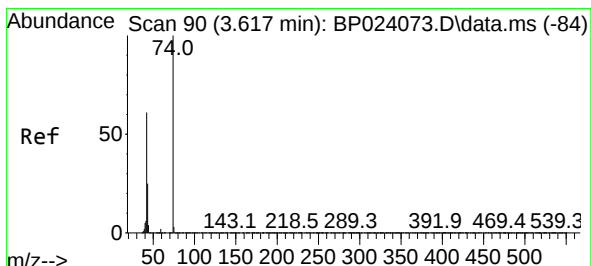
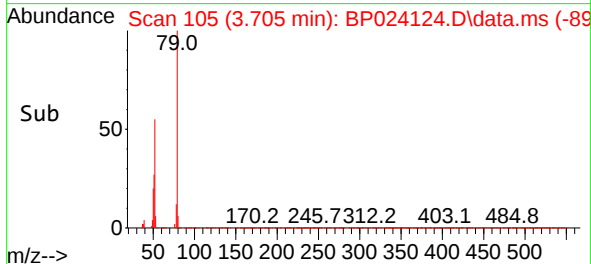
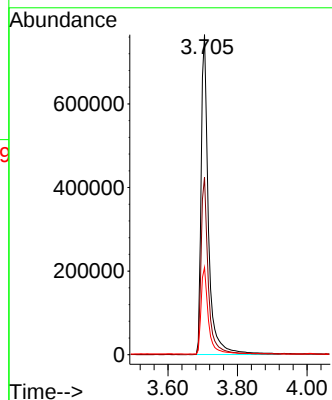
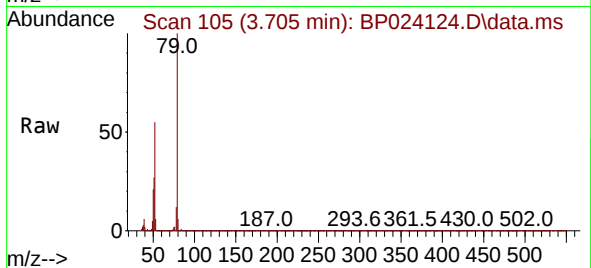




#3
Pyridine
Concen: 42.677 ng
RT: 3.705 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

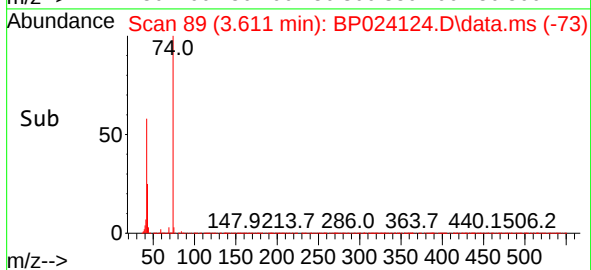
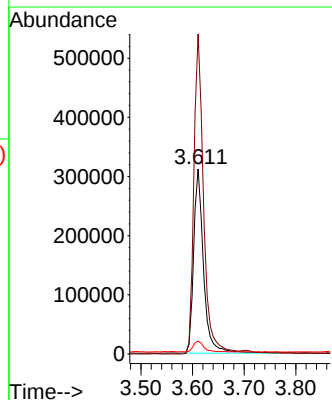
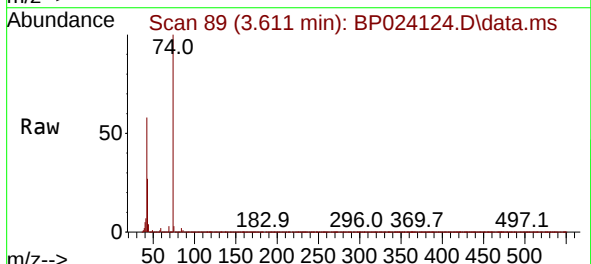
Instrument :
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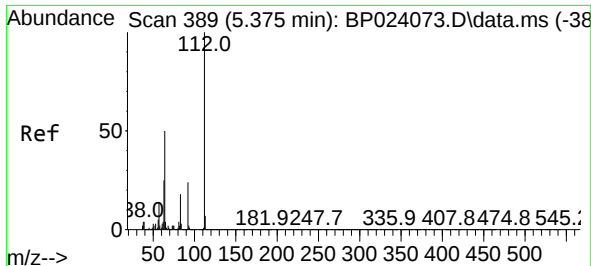
Tgt Ion: 79 Resp: 1124642
Ion Ratio Lower Upper
79 100
52 55.4 43.5 65.3
51 27.2 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 44.403 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 42 Resp: 415056
Ion Ratio Lower Upper
42 100
74 173.0 132.0 198.0
44 6.9 5.3 7.9

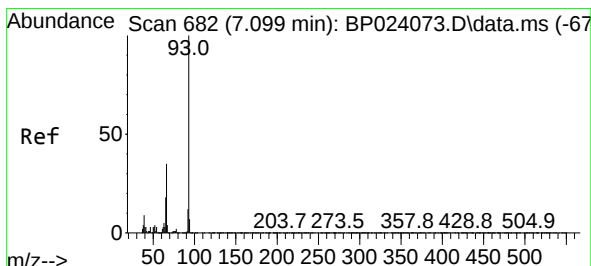
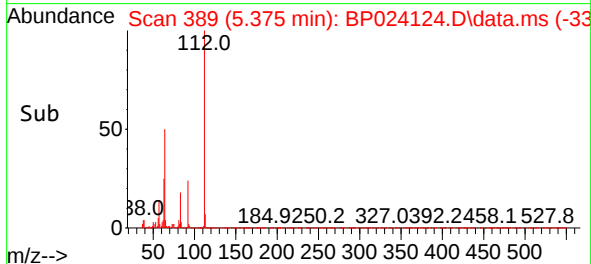
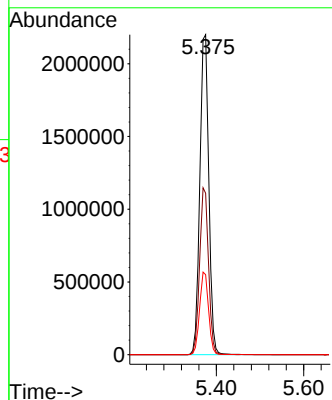
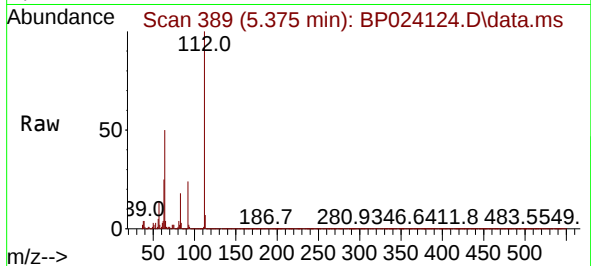




#5
2-Fluorophenol
Concen: 121.362 ng
RT: 5.375 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

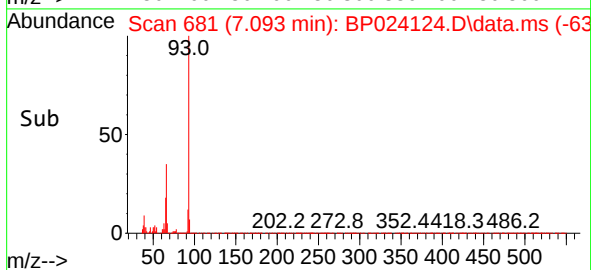
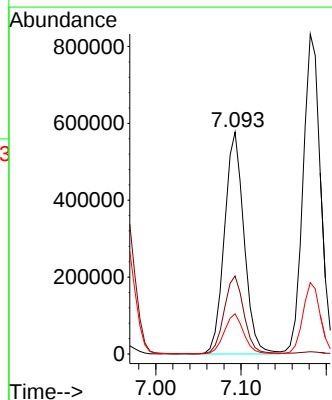
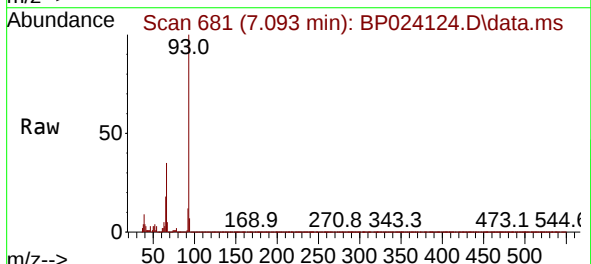
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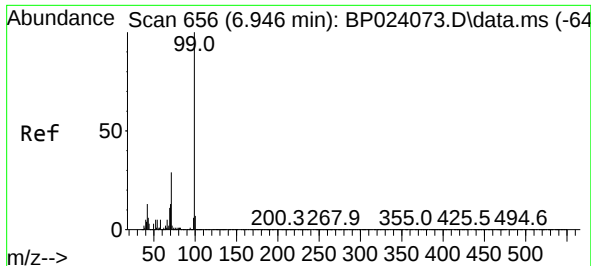
Tgt Ion:112 Resp: 3135788
Ion Ratio Lower Upper
112 100
64 50.5 39.6 59.4
63 25.0 20.3 30.5



#6
Aniline
Concen: 30.323 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 93 Resp: 922209
Ion Ratio Lower Upper
93 100
66 35.1 28.2 42.4
65 18.1 14.1 21.1

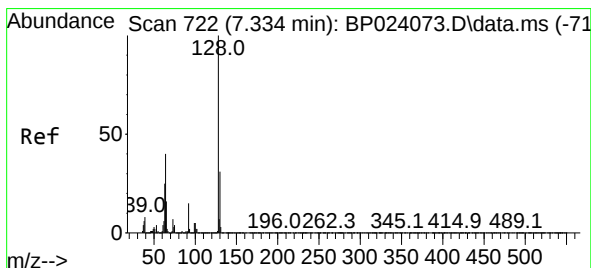
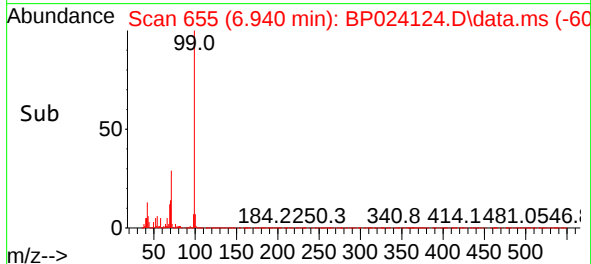
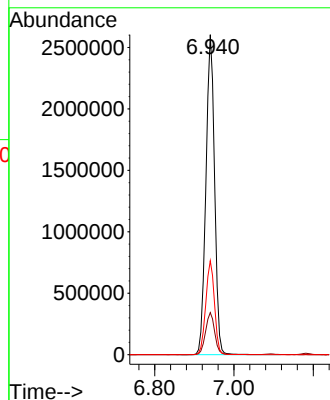
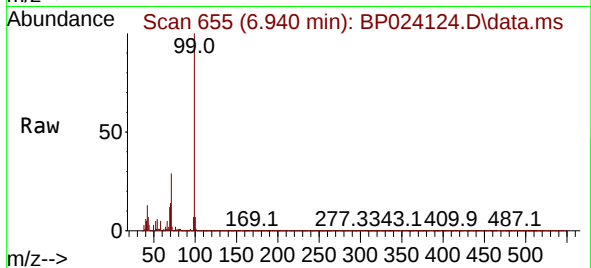




#7
Phenol-d6
Concen: 119.246 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

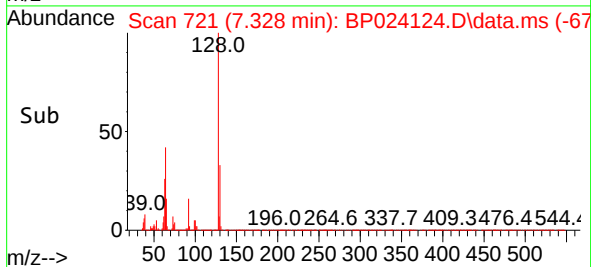
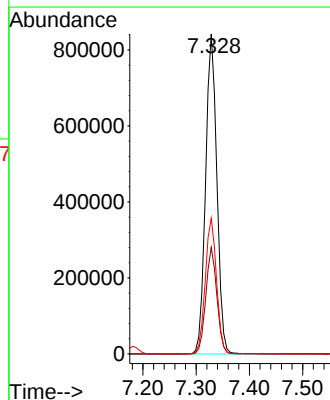
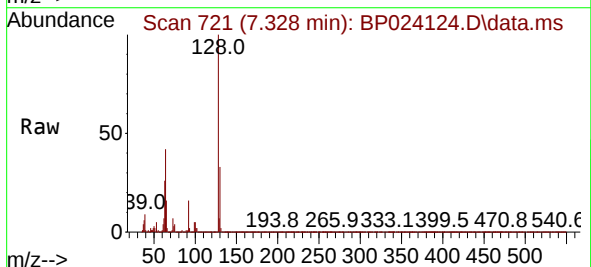
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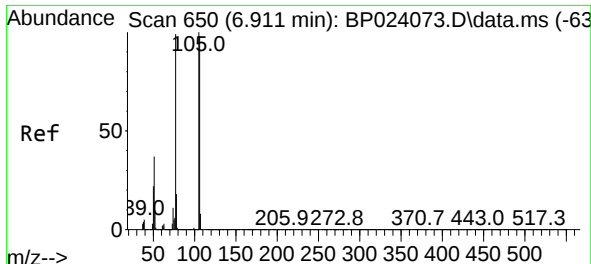
Tgt Ion: 99 Resp: 3960038
Ion Ratio Lower Upper
99 100
42 13.1 10.3 15.5
71 29.3 22.9 34.3



#8
2-Chlorophenol
Concen: 45.096 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024124.D
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Tgt Ion:128 Resp: 1233301
Ion Ratio Lower Upper
128 100
130 33.3 11.5 51.5
64 42.4 19.8 59.8

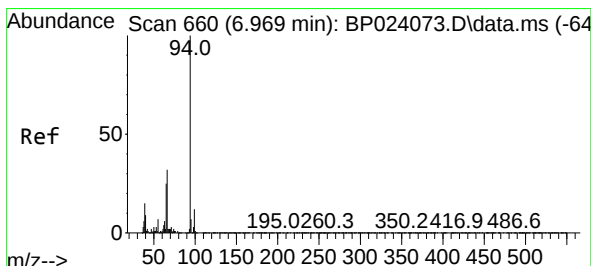
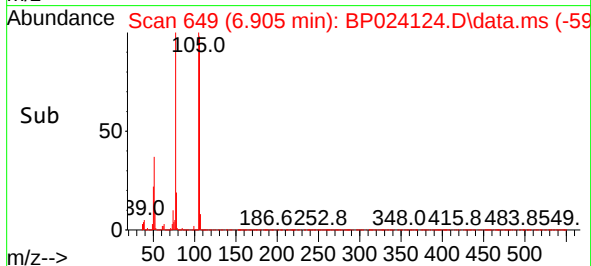
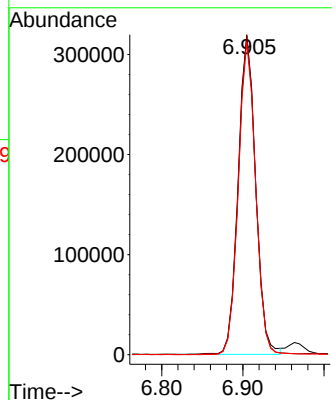
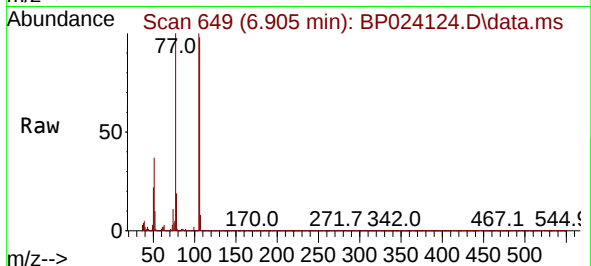




#9
Benzaldehyde
Concen: 31.430 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

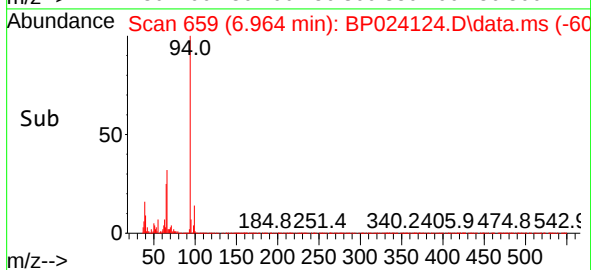
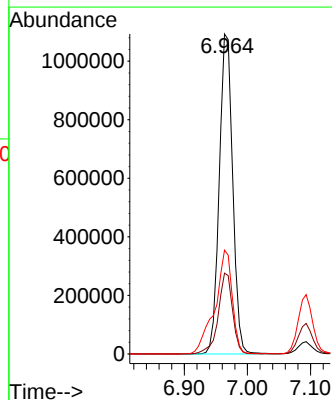
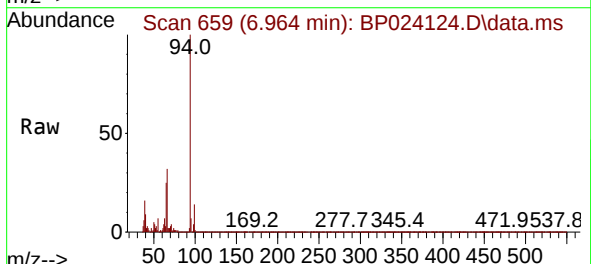
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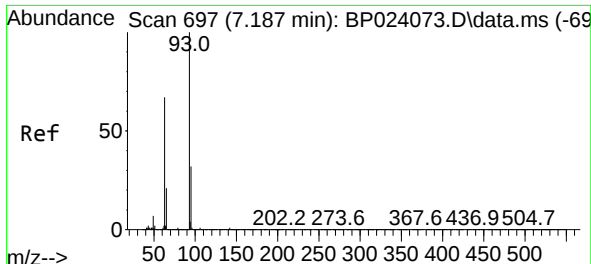
Tgt Ion: 77 Resp: 476534
Ion Ratio Lower Upper
77 100
105 100.4 81.4 121.4
106 98.0 79.0 119.0



#10
Phenol
Concen: 48.505 ng
RT: 6.964 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 94 Resp: 1619768
Ion Ratio Lower Upper
94 100
65 25.2 5.0 45.0
66 32.5 11.6 51.6



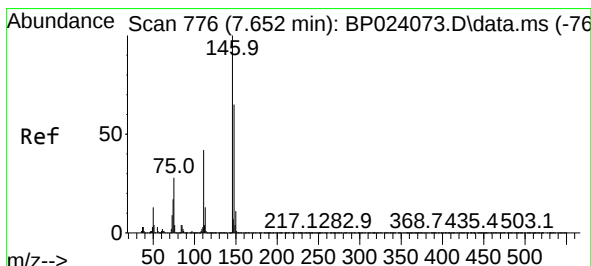
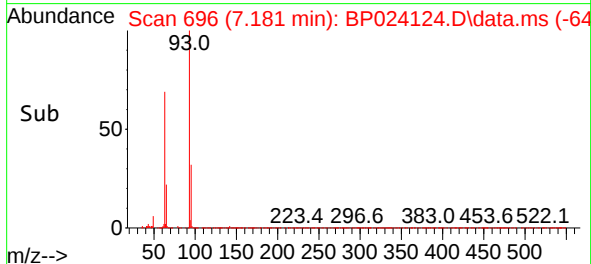
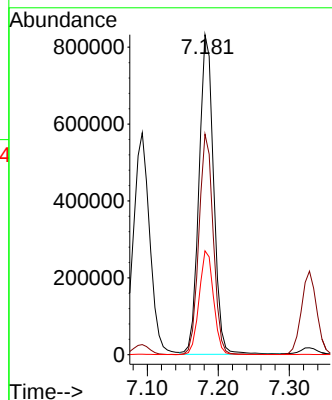
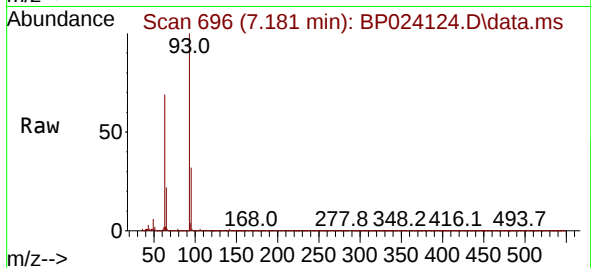


#11
 bis(2-Chloroethyl)ether
 Concen: 45.423 ng
 RT: 7.181 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: BP024124.D
 Acq: 27 Feb 2025 17:54

Instrument :
 BNA_P
 ClientSampleId :
 351MS

Tgt Ion: 93 Resp: 1194738

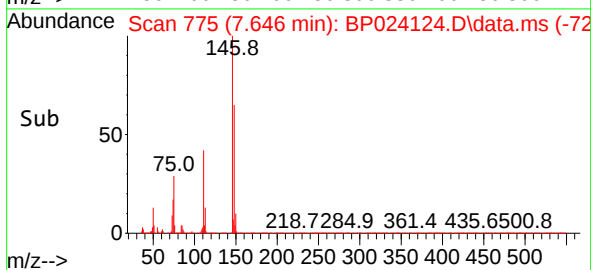
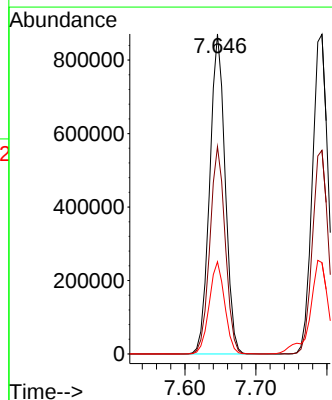
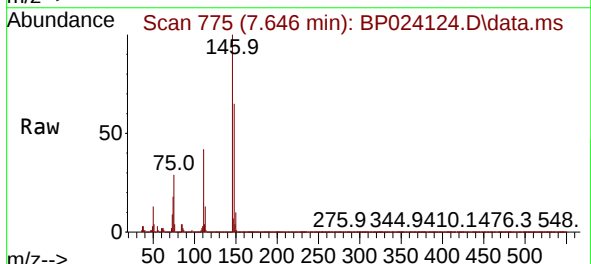
Ion	Ratio	Lower	Upper
93	100		
63	68.9	46.5	86.5
95	32.5	12.3	52.3

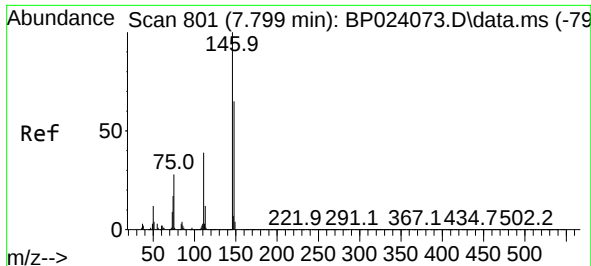


#12
 1,3-Dichlorobenzene
 Concen: 43.806 ng
 RT: 7.646 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP024124.D
 Acq: 27 Feb 2025 17:54

Tgt Ion: 146 Resp: 1316125

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	28.8	22.6	33.8

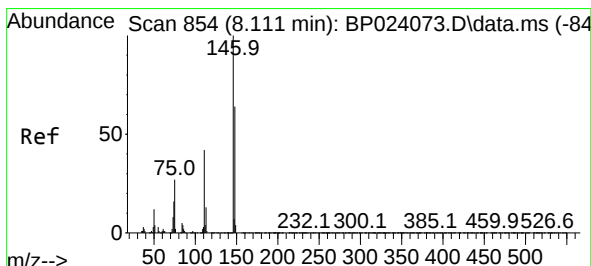
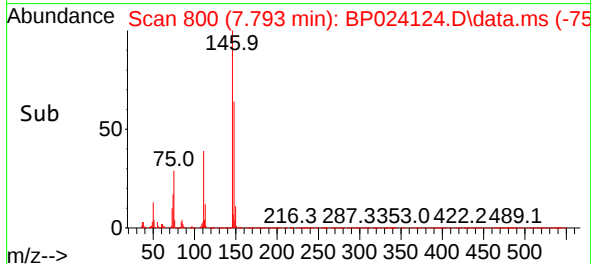
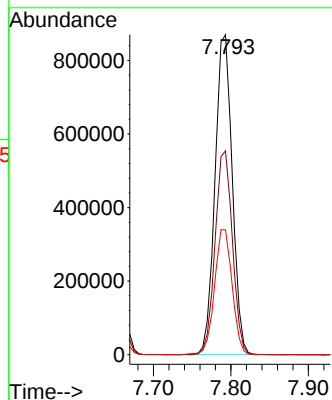
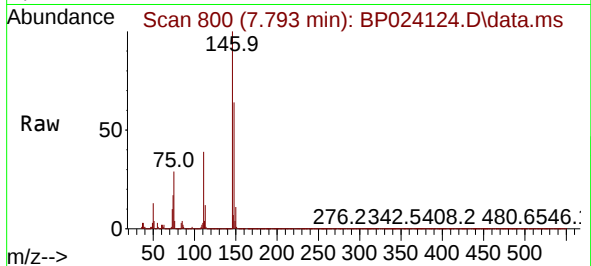




#13
1,4-Dichlorobenzene
Concen: 44.157 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

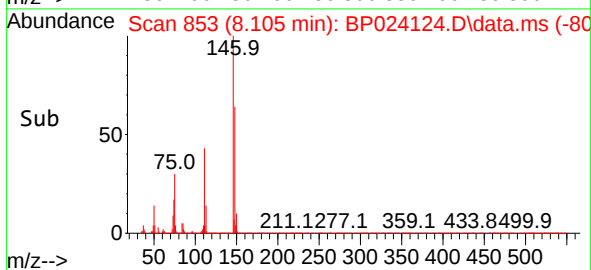
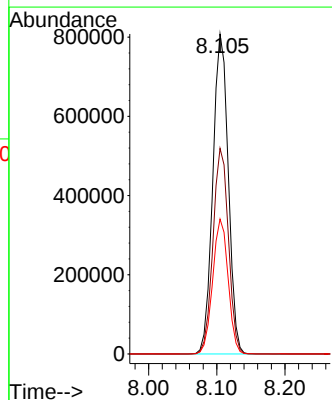
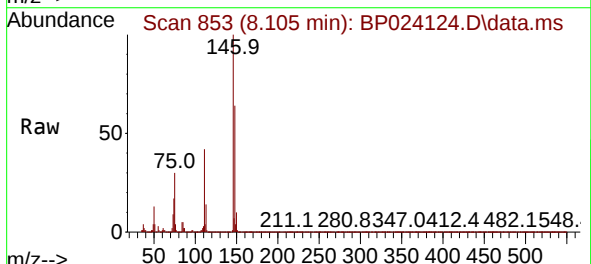
Instrument :
BNA_P
ClientSampleId :
351MS

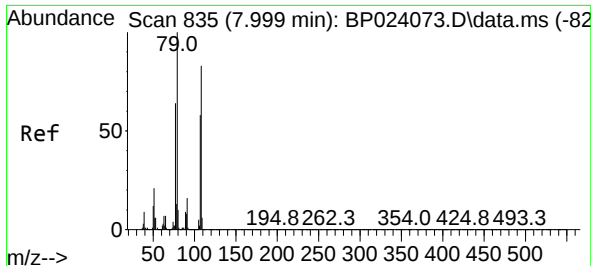
Tgt Ion:146 Resp: 1341649
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 39.0 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 43.700 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:146 Resp: 1274270
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 42.1 33.4 50.0

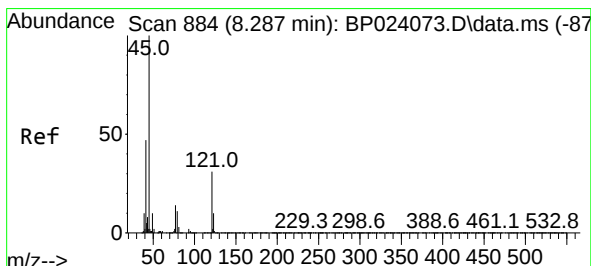
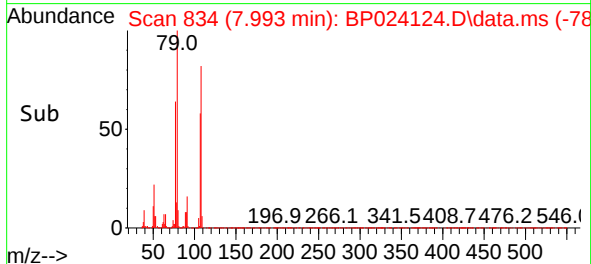
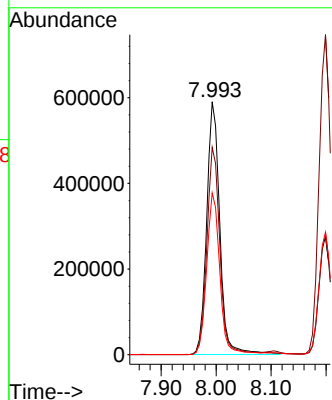
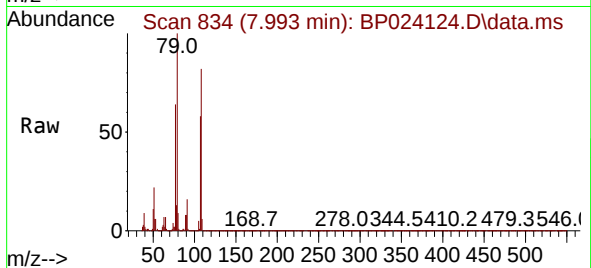




#15
Benzyl Alcohol
Concen: 48.093 ng
RT: 7.993 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

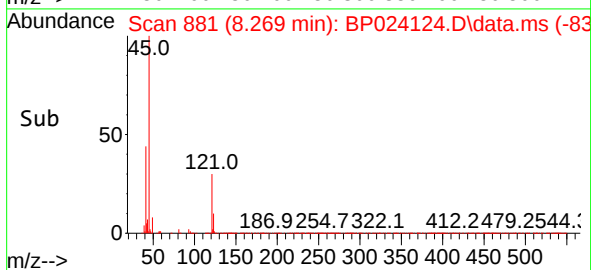
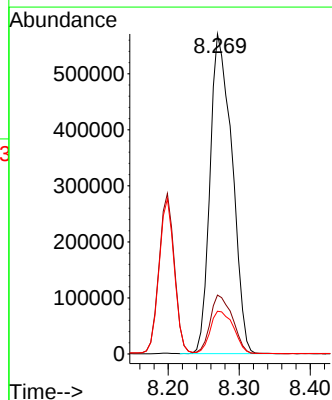
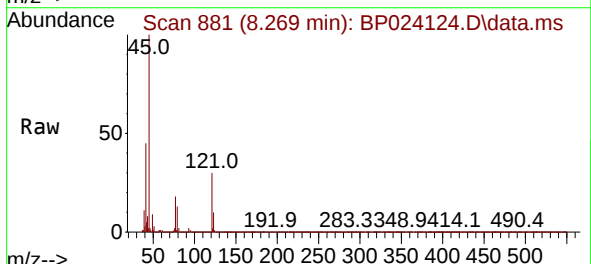
Instrument :
BNA_P
ClientSampleId :
351MS

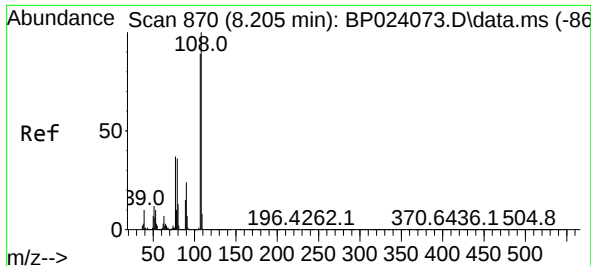
Tgt Ion: 79 Resp: 977634
Ion Ratio Lower Upper
79 100
108 81.9 66.4 99.6
77 63.9 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.972 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.018 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 45 Resp: 1224858
Ion Ratio Lower Upper
45 100
77 18.4 0.0 38.8
79 13.4 0.0 35.4

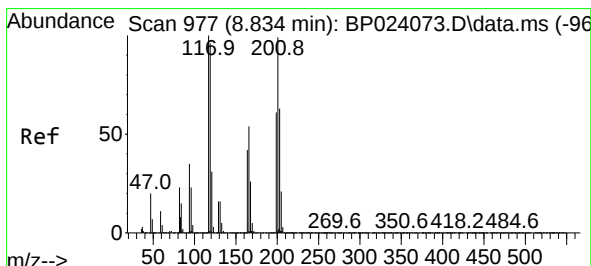
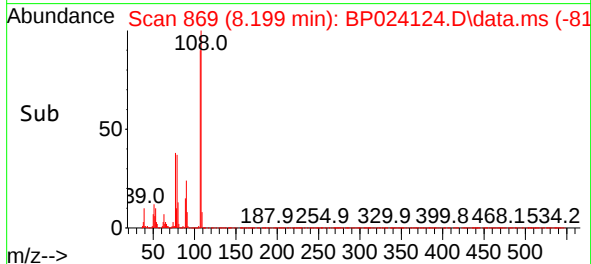
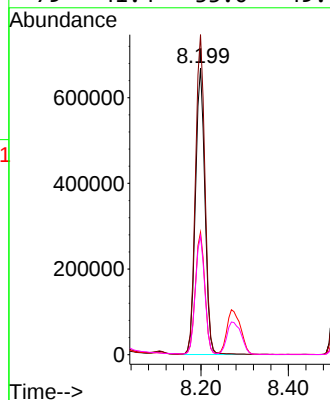
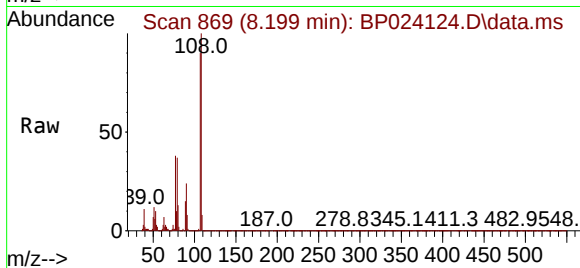




#17
2-Methylphenol
Concen: 49.407 ng
RT: 8.199 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

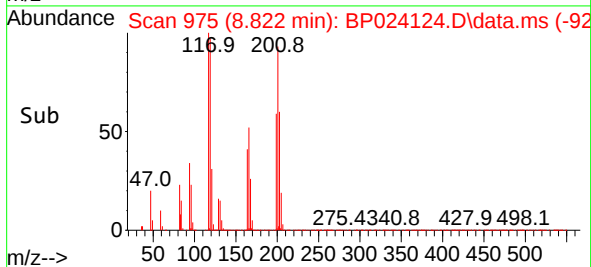
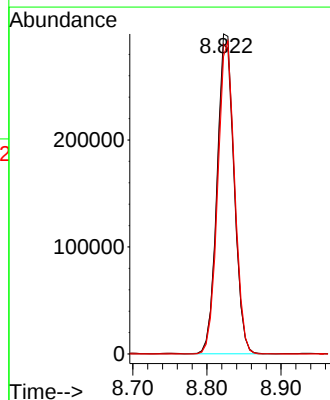
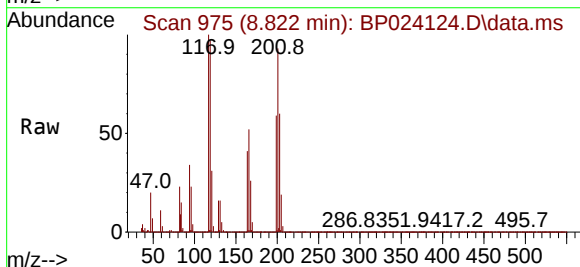
Instrument :
BNA_P
ClientSampleId :
351MS

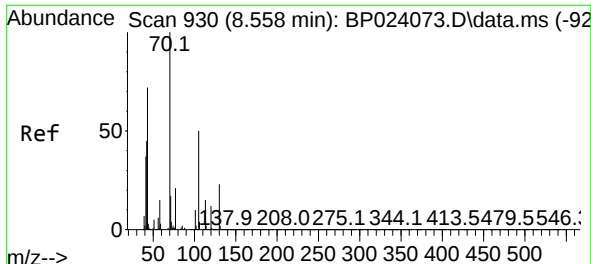
Tgt Ion:107 Resp: 1005445
Ion Ratio Lower Upper
107 100
108 111.7 90.0 135.0
77 42.8 33.8 50.6
79 41.4 33.0 49.4



#18
Hexachloroethane
Concen: 43.824 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:117 Resp: 479530
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 93.0 79.4 119.2



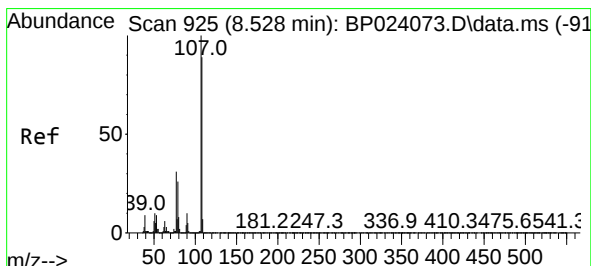
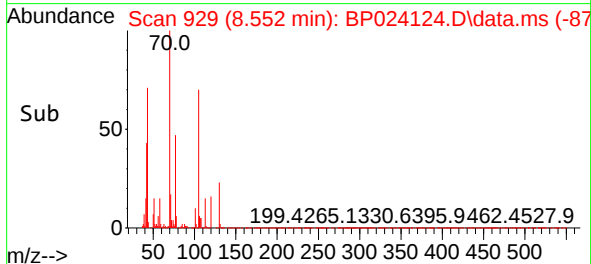
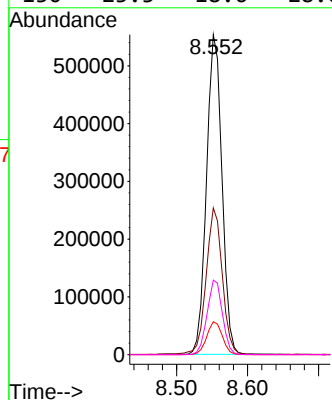
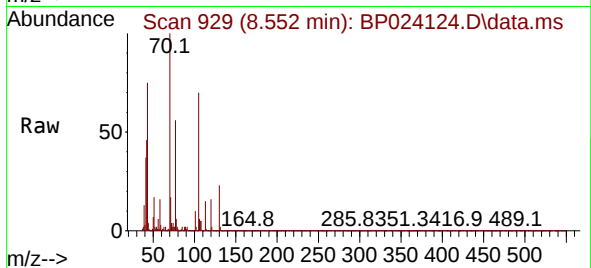


#19
n-Nitroso-di-n-propylamine
Concen: 46.998 ng
RT: 8.552 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Instrument :
BNA_P
ClientSampleId :
351MS

Tgt Ion: 70 Resp: 839183

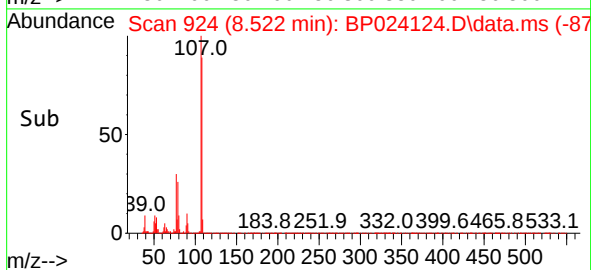
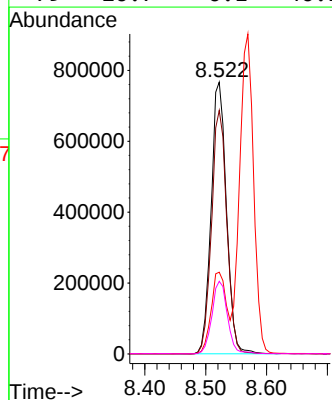
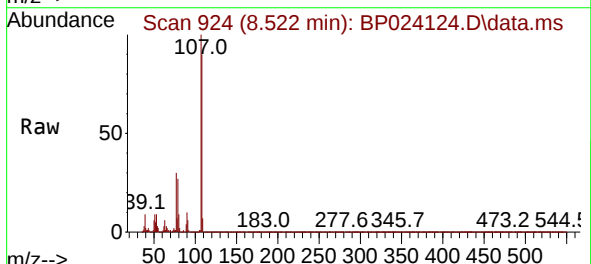
Ion	Ratio	Lower	Upper
70	100		
42	45.8	36.6	54.8
101	10.3	8.2	12.2
130	23.3	18.6	28.0

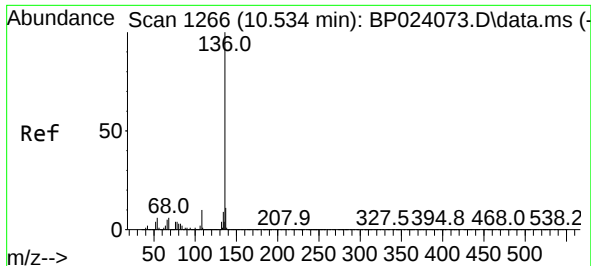


#20
3+4-Methylphenols
Concen: 48.452 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 107 Resp: 1341360

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	30.1	10.7	50.7
79	26.7	6.1	46.1

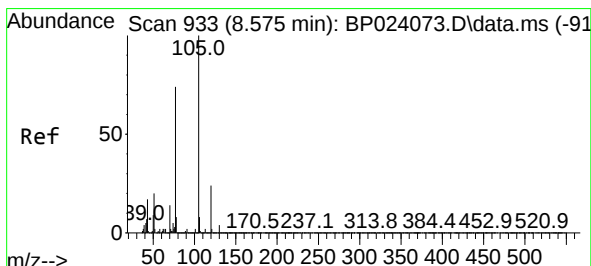
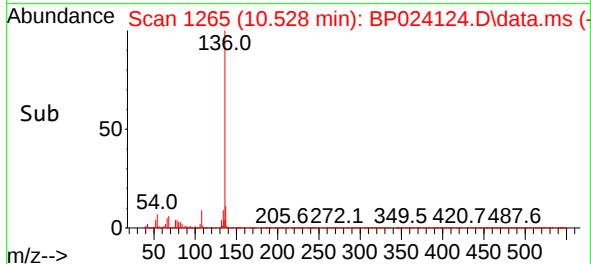
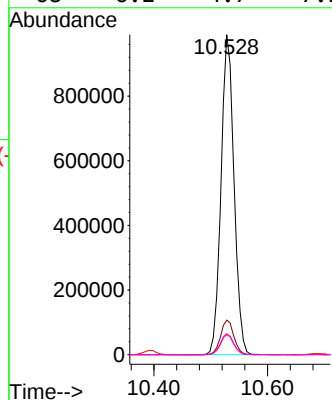
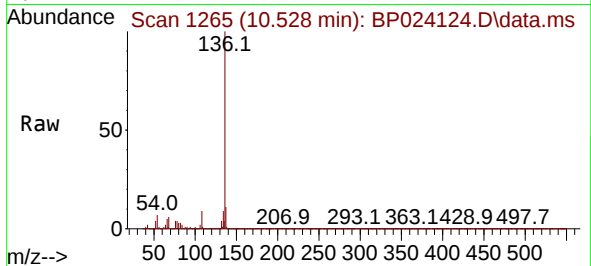




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

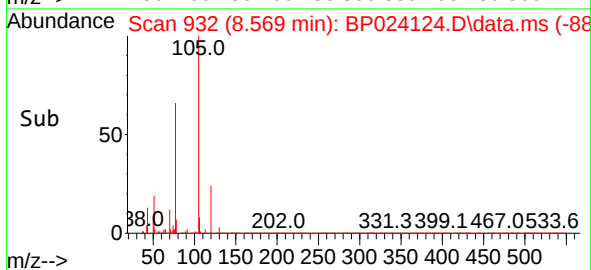
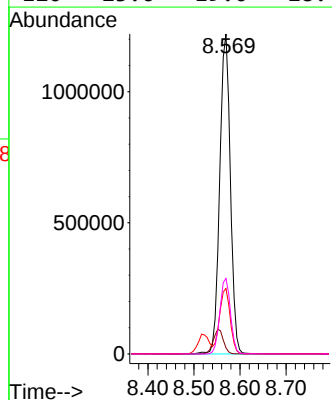
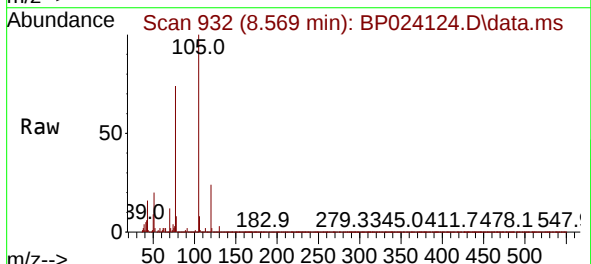
Instrument :
BNA_P
ClientSampleId :
351MS

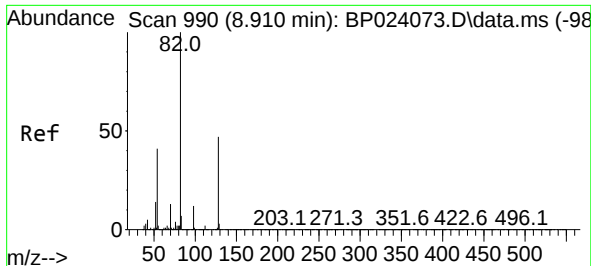
Tgt Ion:136 Resp: 1572816
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.5 4.9 7.3
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 48.139 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:105 Resp: 1945622
Ion Ratio Lower Upper
105 100
71 1.9 1.9 2.9
51 20.4 16.3 24.5
120 23.6 19.0 28.4

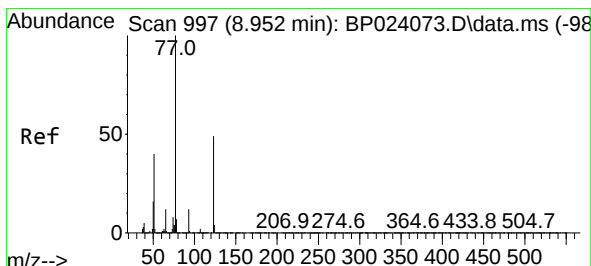
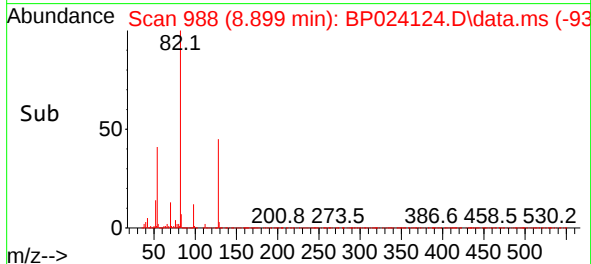
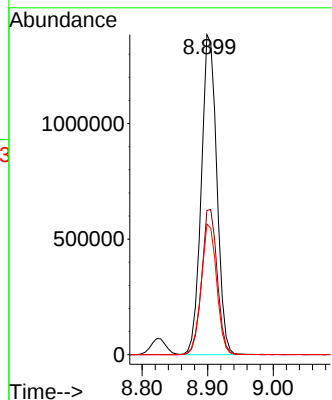
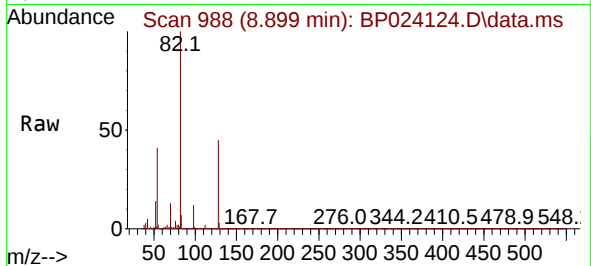




#23
Nitrobenzene-d5
Concen: 80.910 ng
RT: 8.899 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

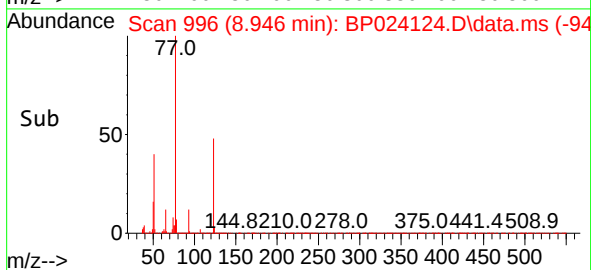
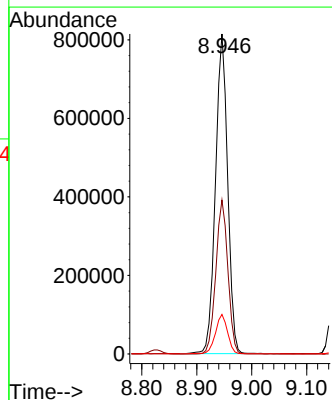
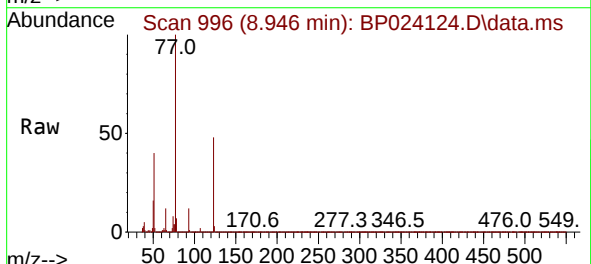
Instrument :
BNA_P
ClientSampleId :
351MS

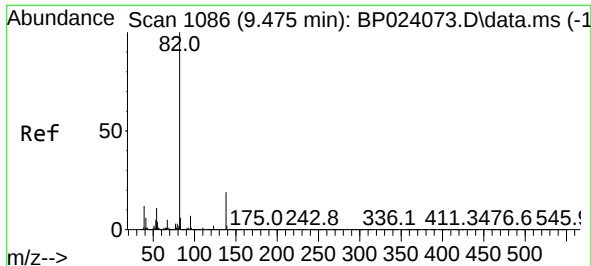
Tgt Ion: 82 Resp: 2281031
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 40.8 32.4 48.6



#24
Nitrobenzene
Concen: 45.188 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 77 Resp: 1253777
Ion Ratio Lower Upper
77 100
123 48.1 39.4 59.2
65 12.4 9.9 14.9

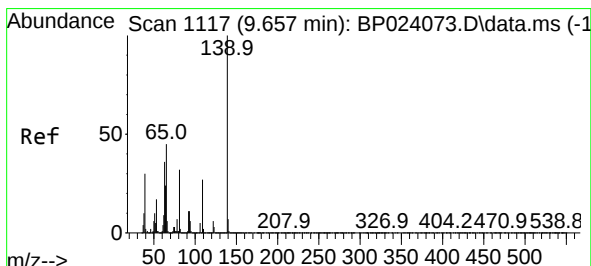
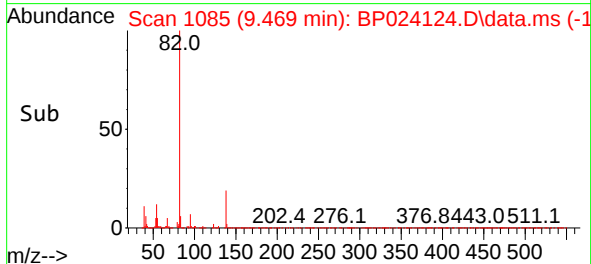
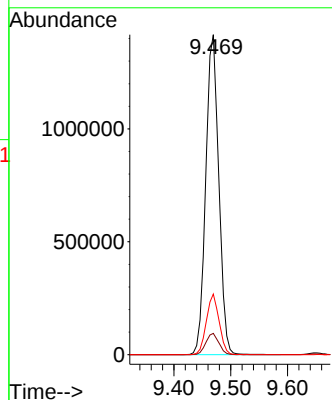
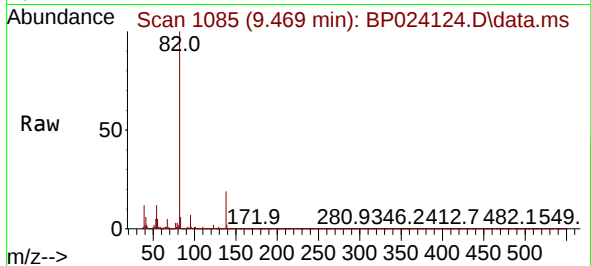




#25
Isophorone
Concen: 48.679 ng
RT: 9.469 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

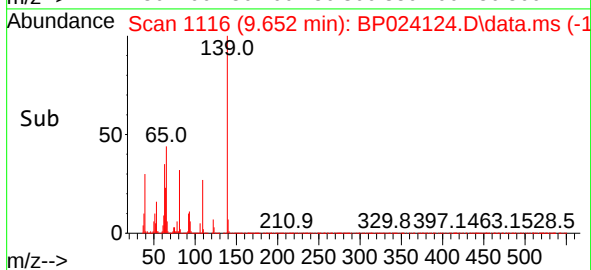
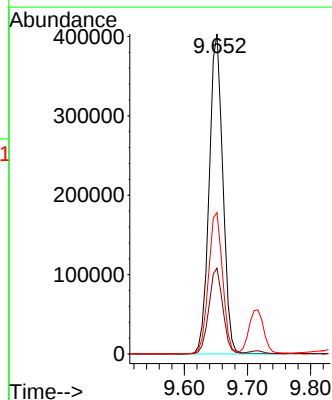
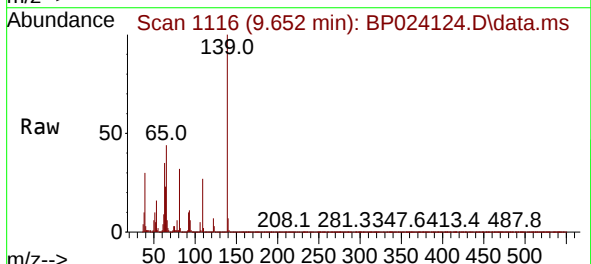
Instrument :
BNA_P
ClientSampleId :
351MS

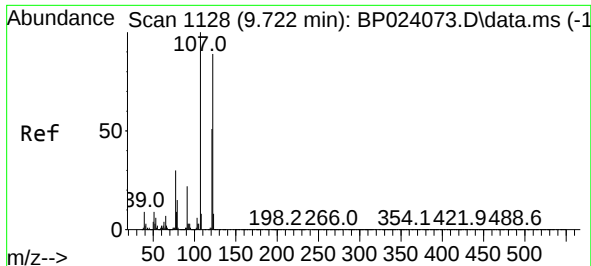
Tgt Ion: 82 Resp: 2244227
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 47.416 ng
RT: 9.652 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 139 Resp: 606099
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 44.1 36.1 54.1

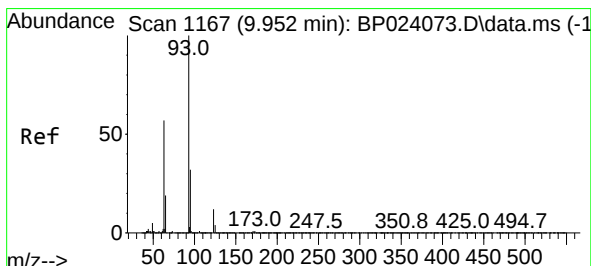
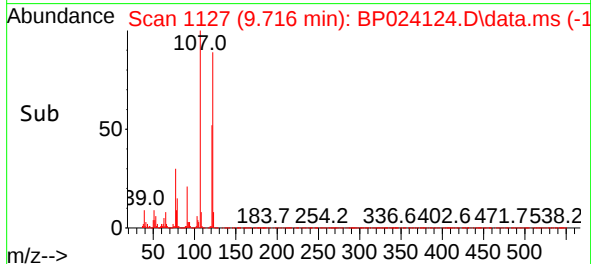
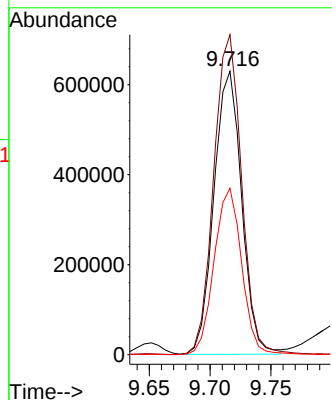
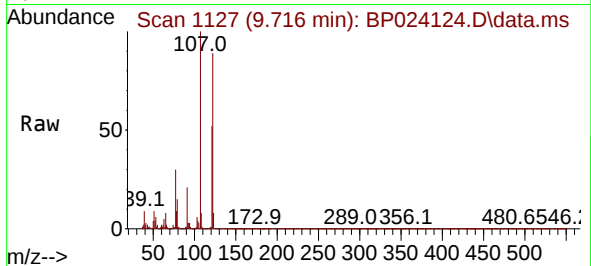




#27
2,4-Dimethylphenol
Concen: 59.512 ng
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

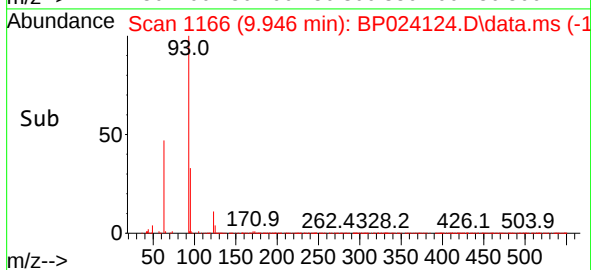
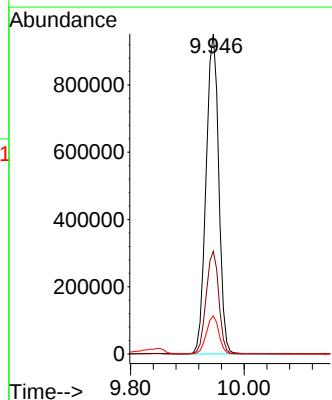
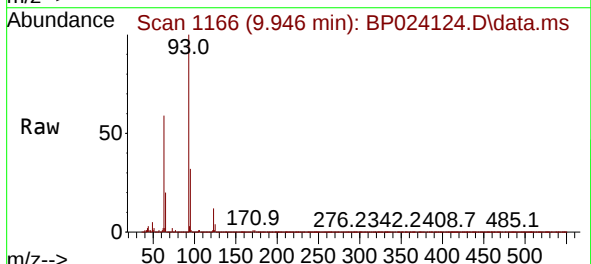
Instrument :
BNA_P
ClientSampleId :
351MS

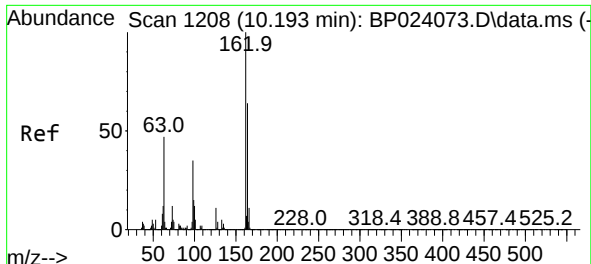
Tgt Ion:122 Resp: 998578
Ion Ratio Lower Upper
122 100
107 112.9 89.8 134.8
121 58.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.895 ng
RT: 9.946 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 93 Resp: 1466016
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.9 9.7 14.5

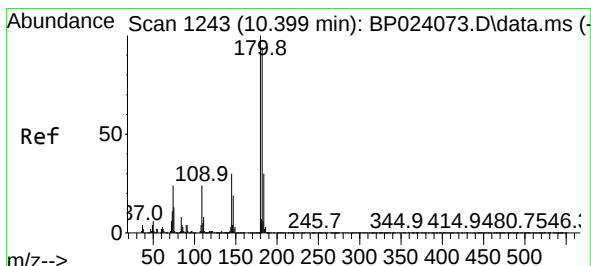
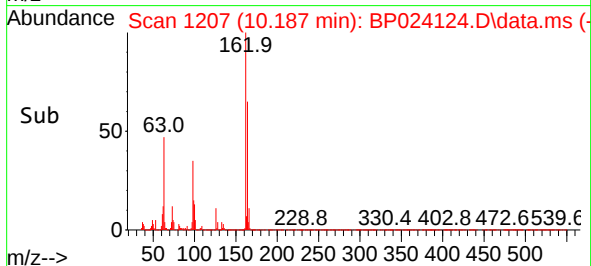
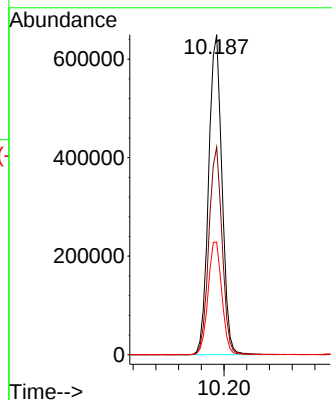
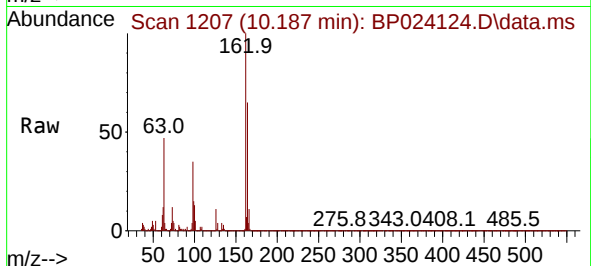




#29
2,4-Dichlorophenol
Concen: 46.137 ng
RT: 10.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

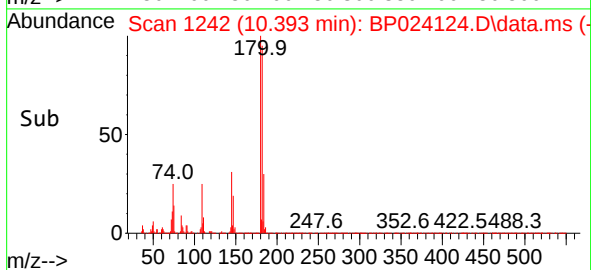
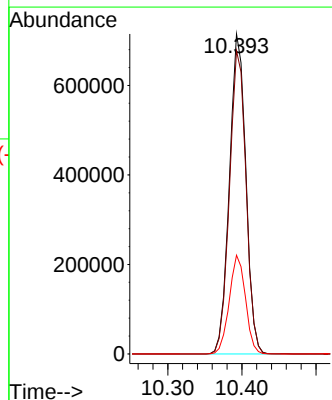
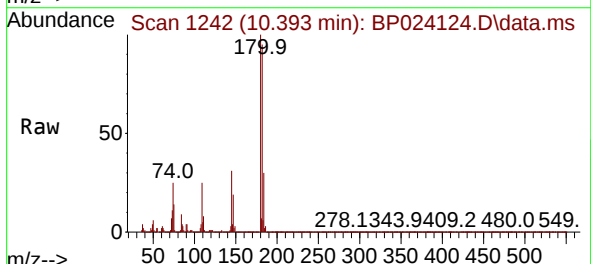
Instrument :
BNA_P
ClientSampleId :
351MS

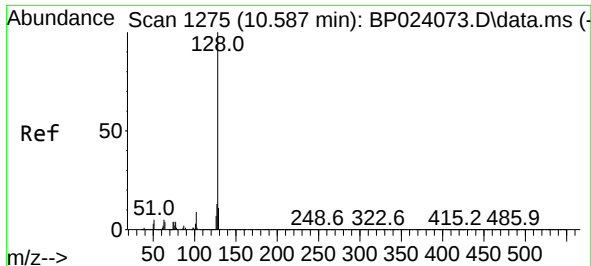
Tgt Ion:162 Resp: 1056479
Ion Ratio Lower Upper
162 100
164 64.9 44.5 84.5
98 35.2 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 41.885 ng
RT: 10.393 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:180 Resp: 1098902
Ion Ratio Lower Upper
180 100
182 94.7 75.4 113.2
145 30.9 24.0 36.0

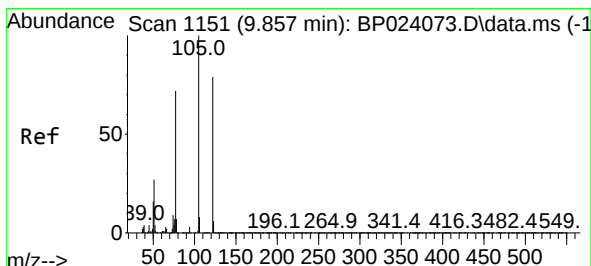
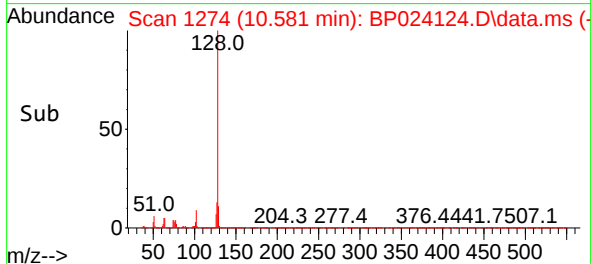
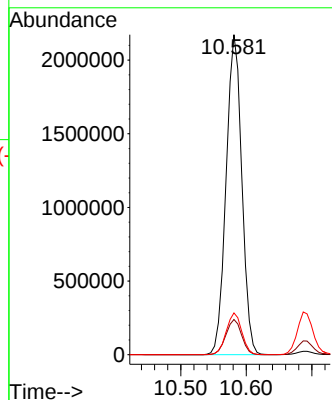
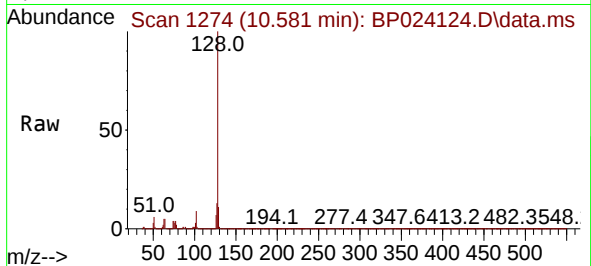




#31
Naphthalene
Concen: 42.575 ng
RT: 10.581 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

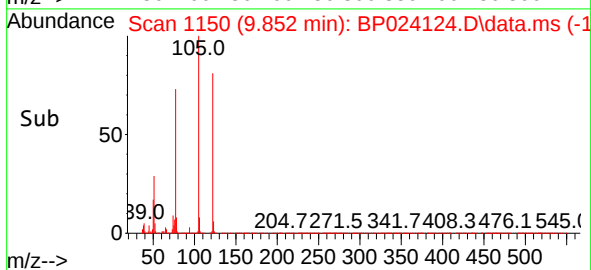
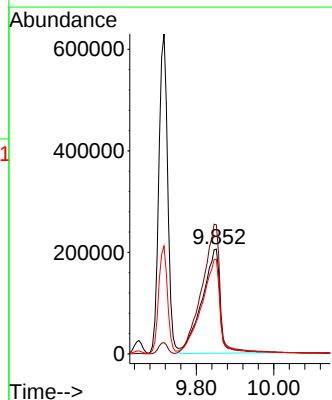
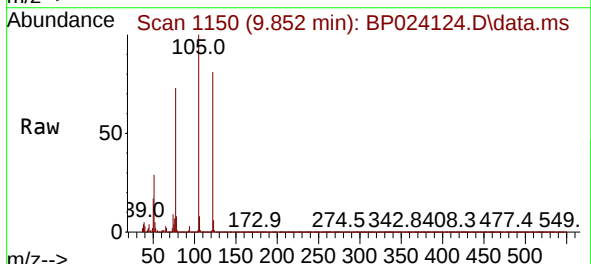
Instrument :
BNA_P
ClientSampleId :
351MS

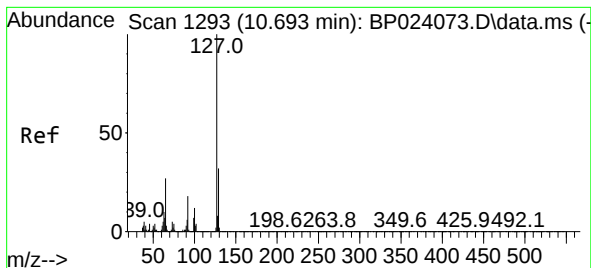
Tgt Ion:128 Resp: 3600583
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 39.540 ng
RT: 9.852 min Scan# 1150
Delta R.T. -0.005 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:122 Resp: 668589
Ion Ratio Lower Upper
122 100
105 123.2 103.7 143.7
77 90.3 69.9 109.9





#33

4-Chloroaniline

Concen: 16.671 ng

RT: 10.687 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

Tgt Ion:127 Resp: 496677

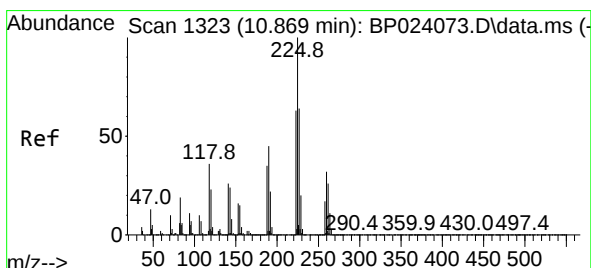
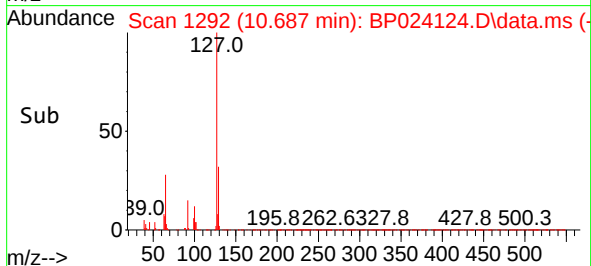
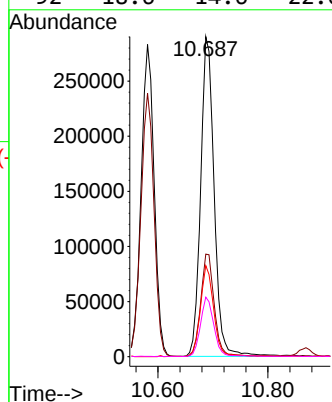
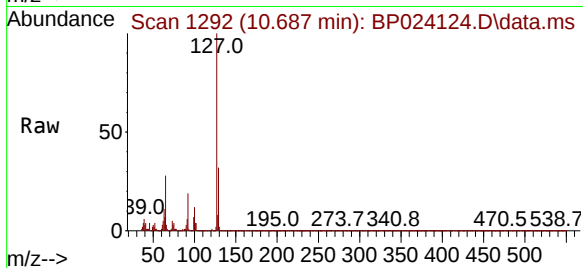
Ion Ratio Lower Upper

127 100

129 32.0 25.4 38.0

65 28.5 21.3 31.9

92 18.6 14.6 22.0



#34

Hexachlorobutadiene

Concen: 41.704 ng

RT: 10.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

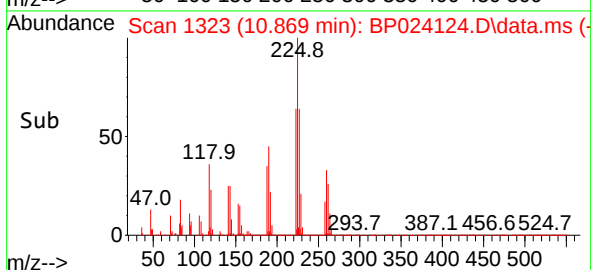
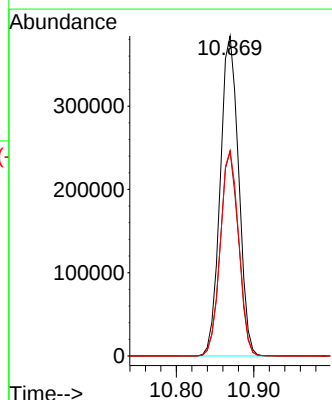
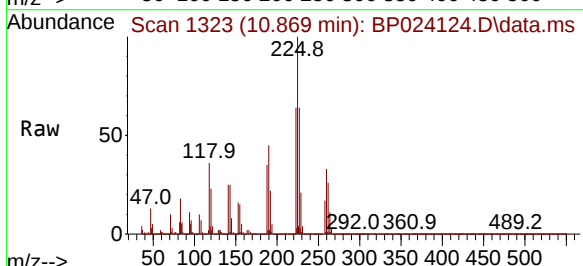
Tgt Ion:225 Resp: 633747

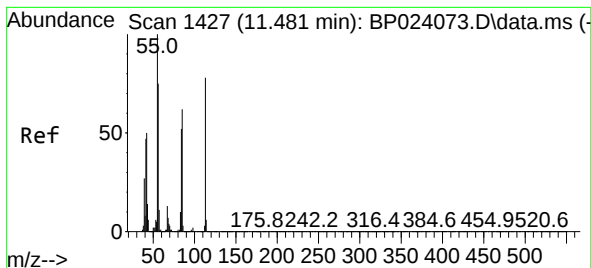
Ion Ratio Lower Upper

225 100

223 63.9 50.5 75.7

227 64.2 51.3 76.9

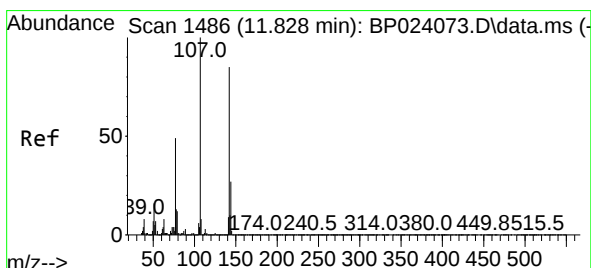
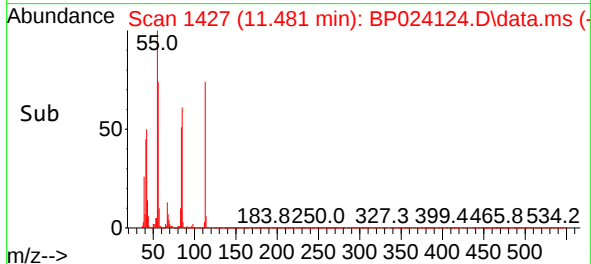
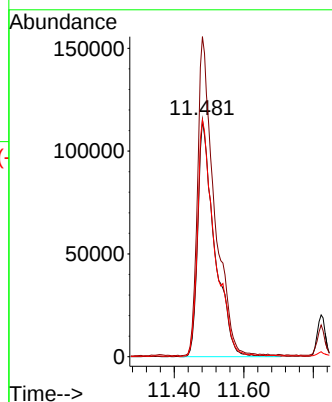
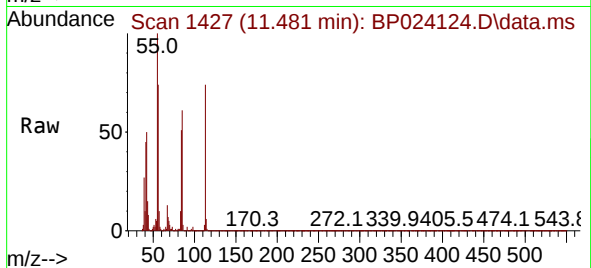




#35
Caprolactam
Concen: 49.712 ng
RT: 11.481 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

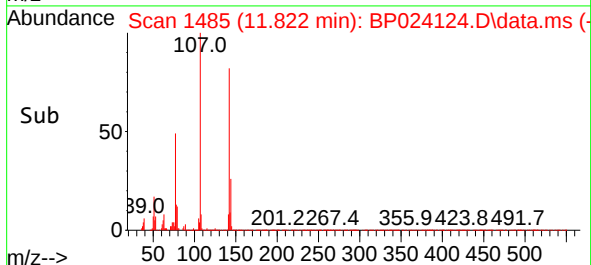
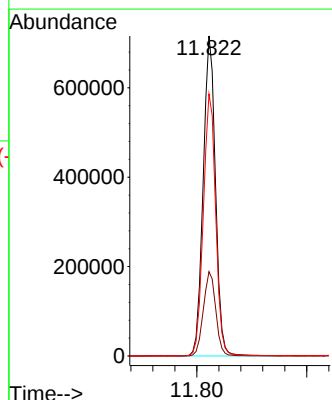
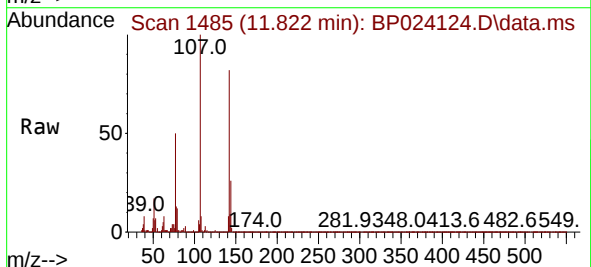
Instrument :
BNA_P
ClientSampleId :
351MS

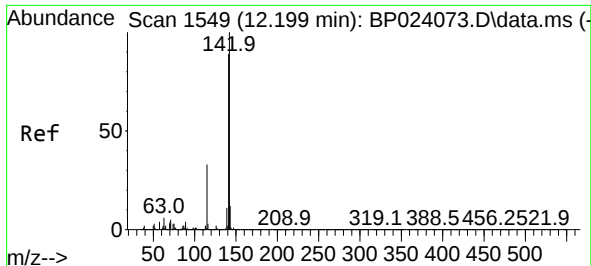
Tgt Ion:113 Resp: 385160
Ion Ratio Lower Upper
113 100
55 135.1 108.8 148.8
56 100.1 76.5 116.5



#36
4-Chloro-3-methylphenol
Concen: 47.182 ng
RT: 11.822 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:107 Resp: 1110684
Ion Ratio Lower Upper
107 100
144 26.3 21.8 32.8
142 81.9 67.8 101.8

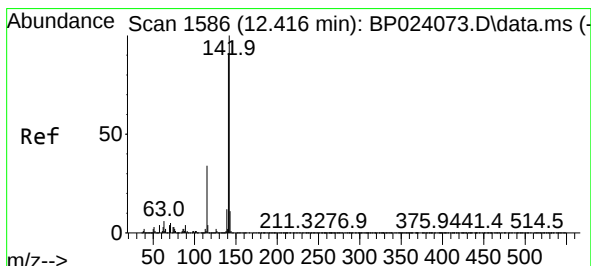
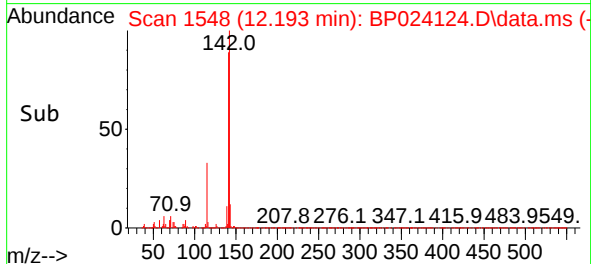
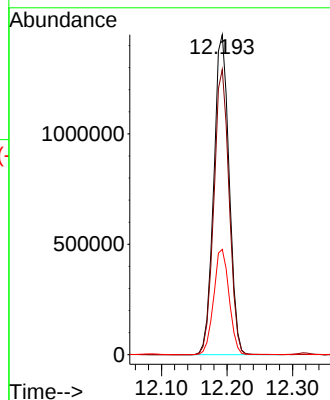
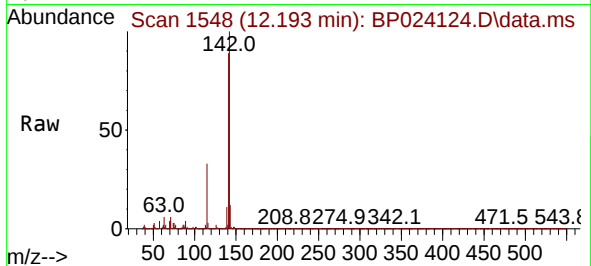




#37
2-Methylnaphthalene
Concen: 41.856 ng
RT: 12.193 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

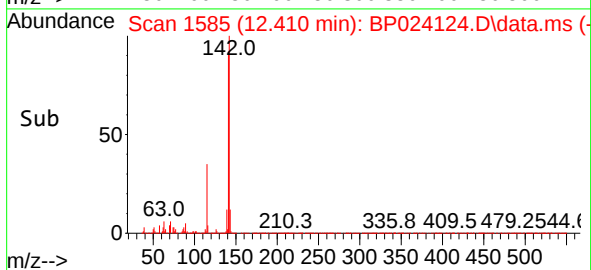
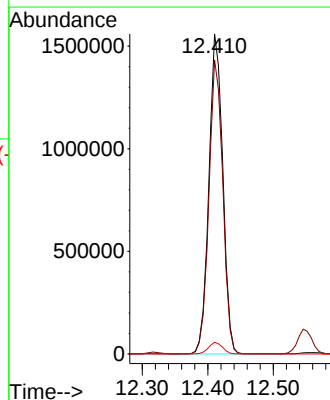
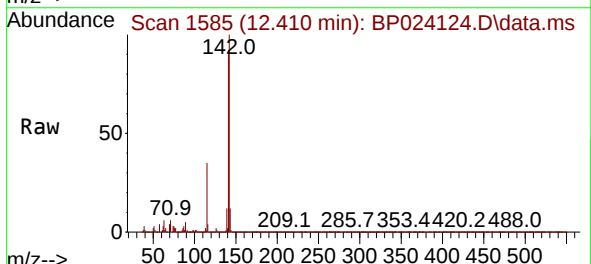
Instrument :
BNA_P
ClientSampleId :
351MS

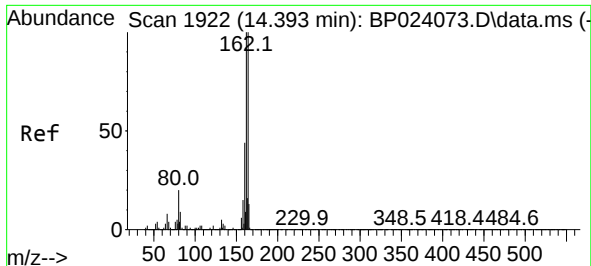
Tgt Ion:142 Resp: 2352689
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8
115 32.9 26.5 39.7



#38
1-Methylnaphthalene
Concen: 42.023 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:142 Resp: 2297921
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6
116 3.7 2.8 4.2

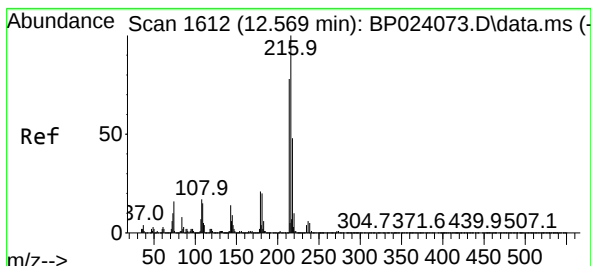
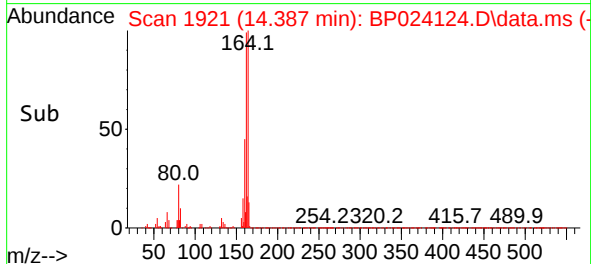
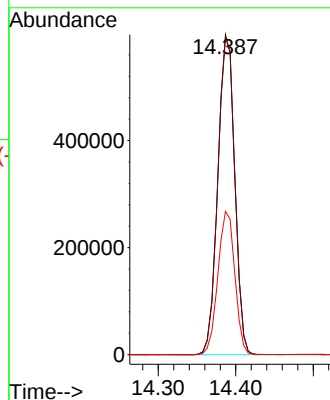
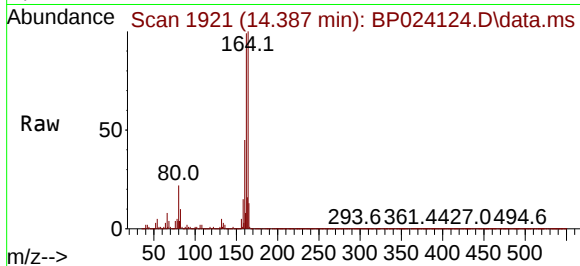




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

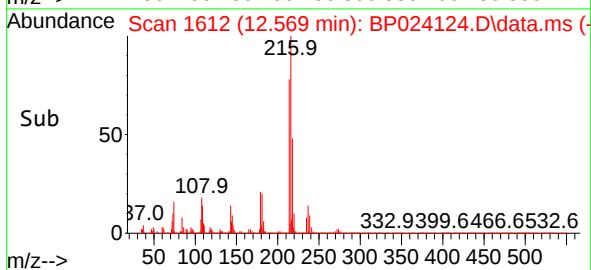
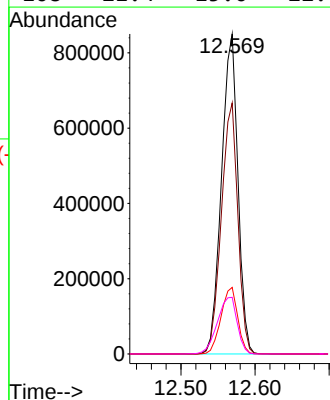
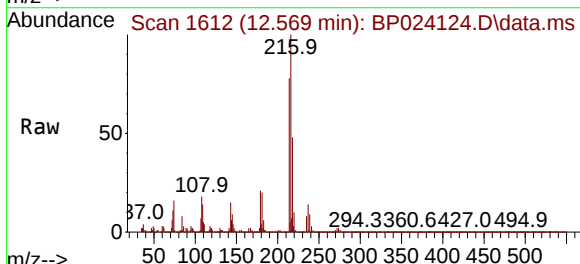
Instrument :
BNA_P
ClientSampleId :
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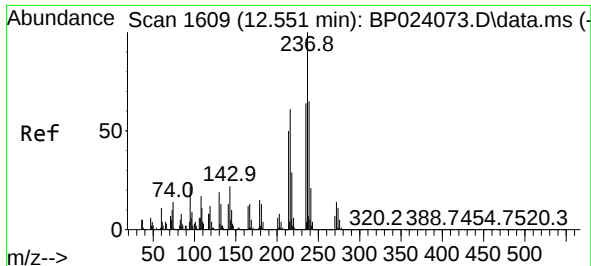
Tgt Ion:164 Resp: 903094
Ion Ratio Lower Upper
164 100
162 99.1 80.1 120.1
160 44.8 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.064 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:216 Resp: 1305931
Ion Ratio Lower Upper
216 100
214 78.9 62.7 94.1
179 21.2 16.6 25.0
108 21.4 15.0 22.6

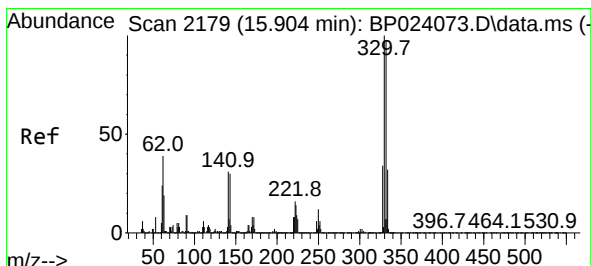
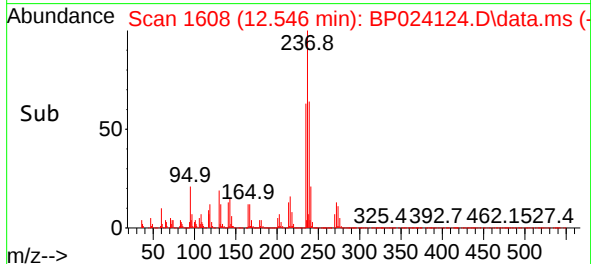
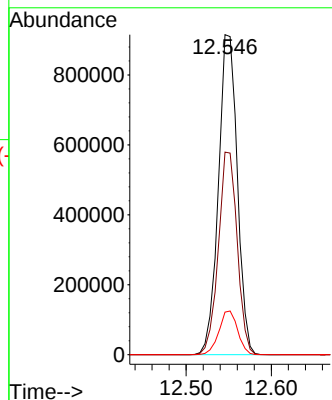
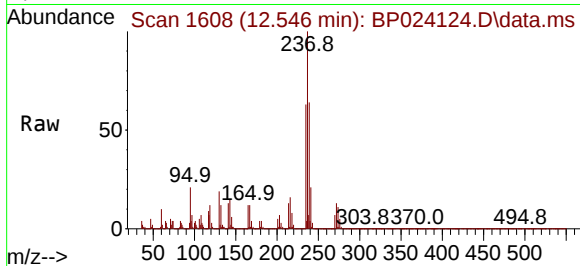




#41
Hexachlorocyclopentadiene
Concen: 136.457 ng
RT: 12.546 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

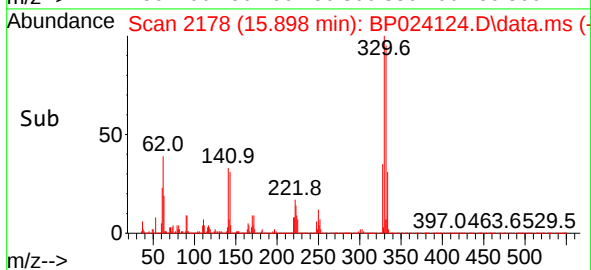
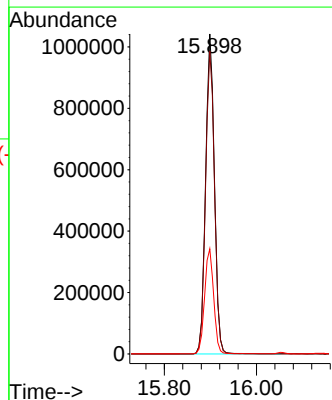
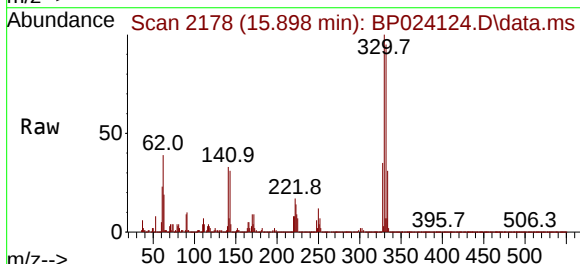
Instrument :
BNA_P
ClientSampleId :
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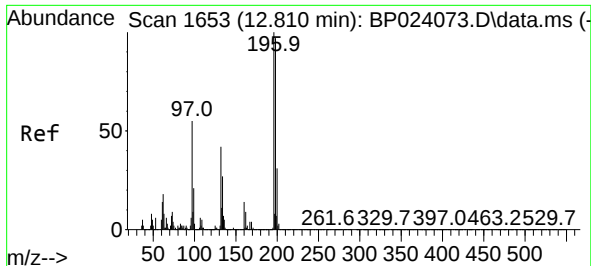
Tgt Ion:237 Resp: 1408970
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.3 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 126.234 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:330 Resp: 1396383
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.7 28.3 42.5

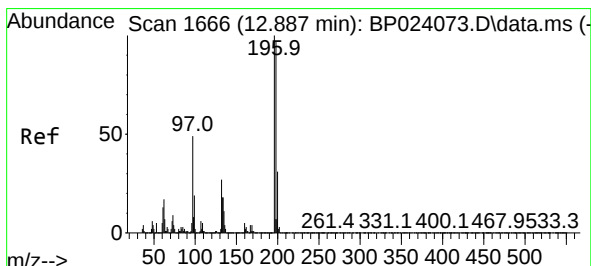
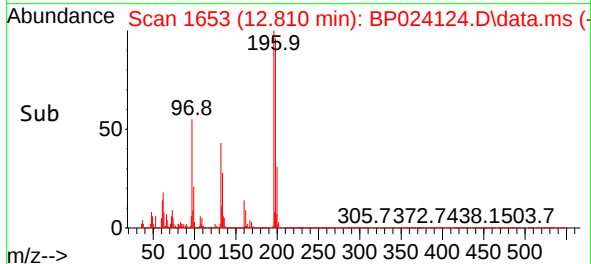
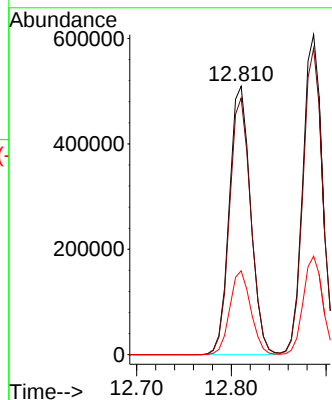
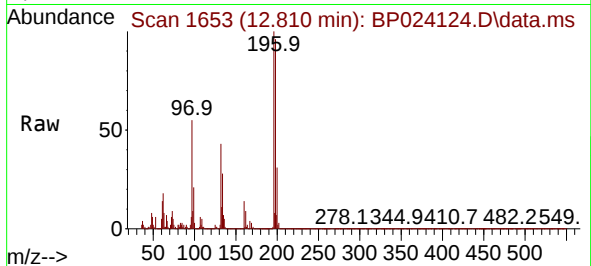




#43
2,4,6-Trichlorophenol
Concen: 47.086 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

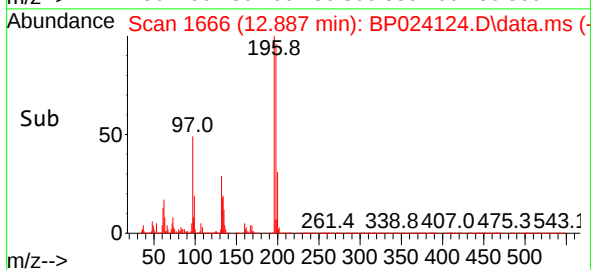
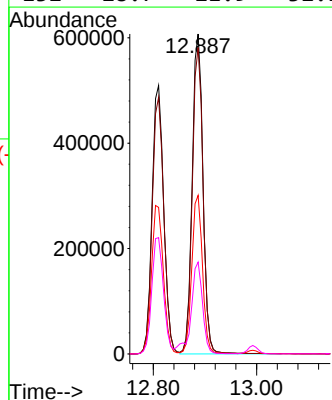
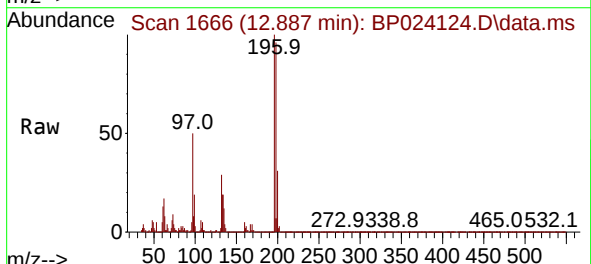
Instrument :
BNA_P
ClientSampleId :
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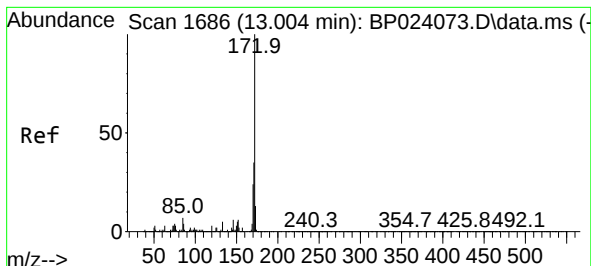
Tgt Ion:196 Resp: 796806
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
200 31.2 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 47.425 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:196 Resp: 877684
Ion Ratio Lower Upper
196 100
198 95.8 77.4 116.2
97 49.5 39.0 58.4
132 28.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 73.097 ng

RT: 12.993 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

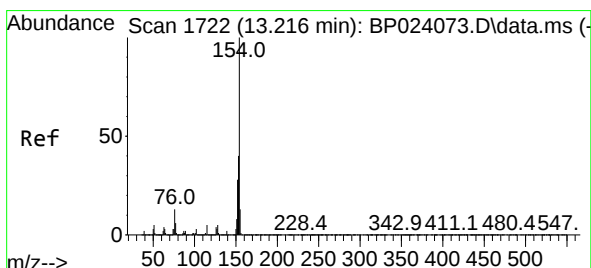
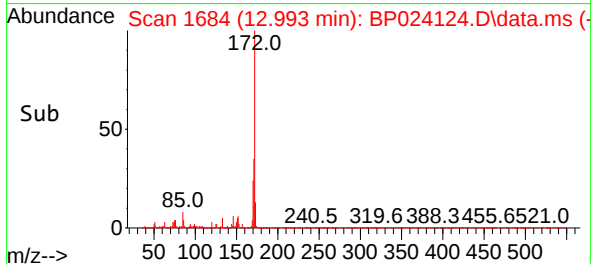
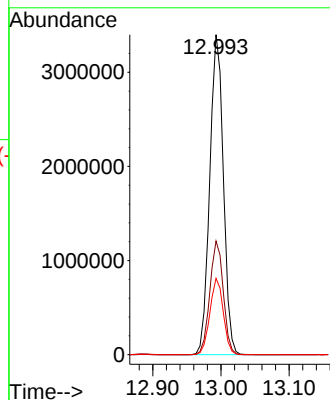
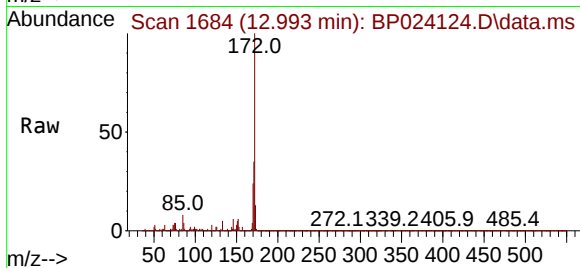
BNA_P

ClientSampleId :

351MS

Tgt Ion:172 Resp: 4721994

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.9	19.0	28.6



#46

1,1'-Biphenyl

Concen: 48.078 ng

RT: 13.210 min Scan# 1721

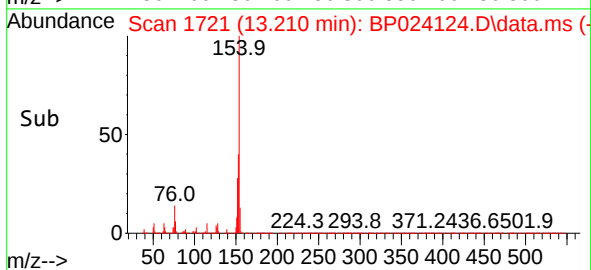
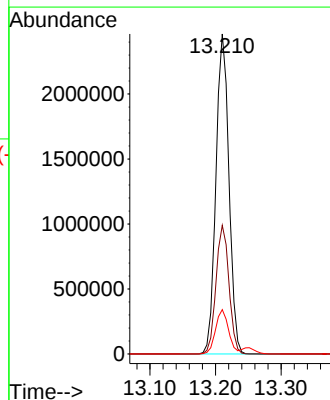
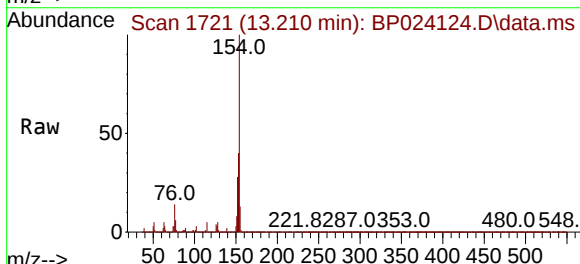
Delta R.T. -0.006 min

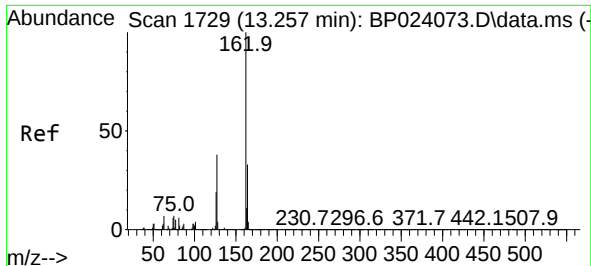
Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Tgt Ion:154 Resp: 3373939

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	13.9	0.0	32.6

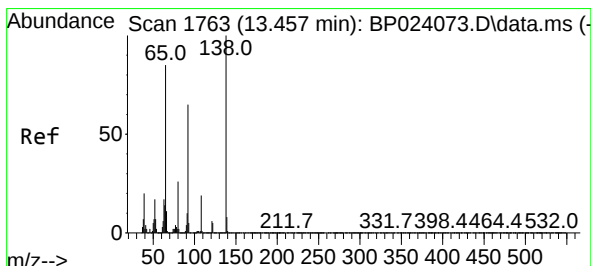
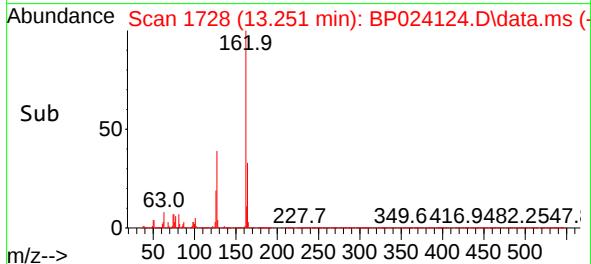
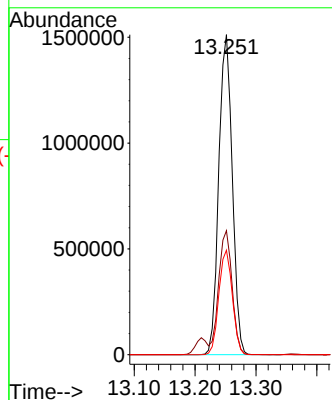
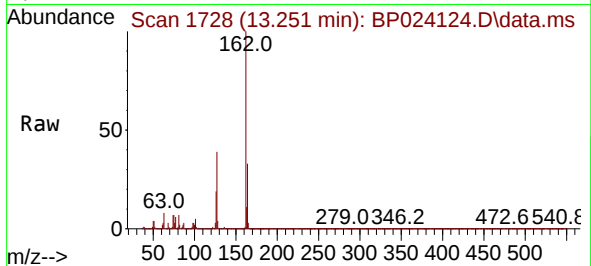




#47
2-Chloronaphthalene
Concen: 43.679 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

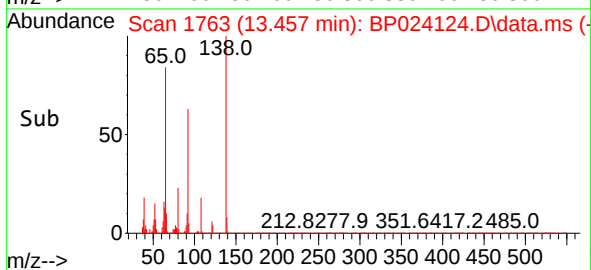
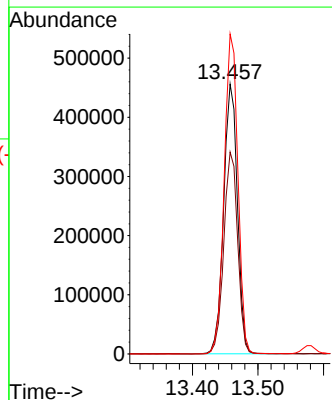
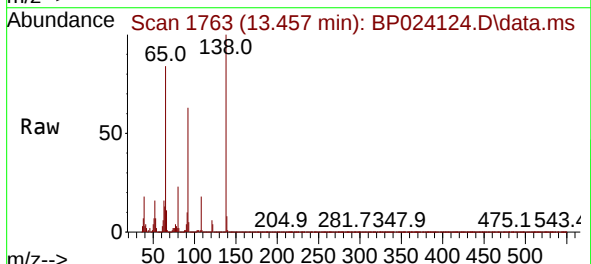
Instrument :
BNA_P
ClientSampleId :
351MS

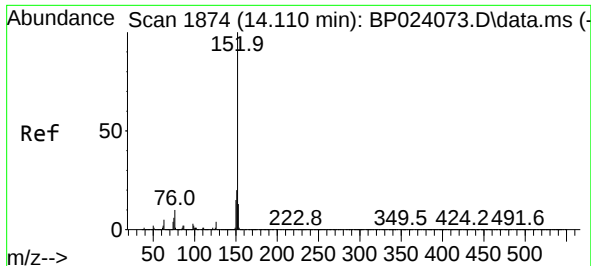
Tgt Ion:162 Resp: 2317117
Ion Ratio Lower Upper
162 100
127 38.7 30.7 46.1
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 52.872 ng
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion: 65 Resp: 662558
Ion Ratio Lower Upper
65 100
92 74.8 61.7 92.5
138 118.6 94.6 142.0

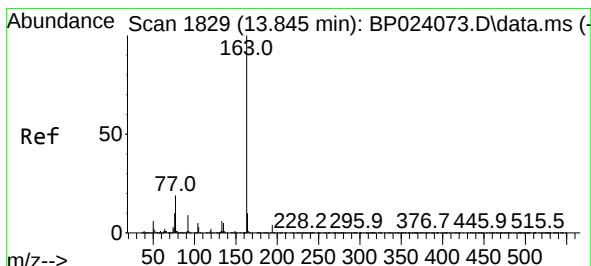
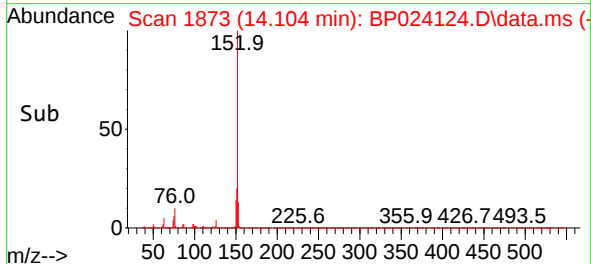
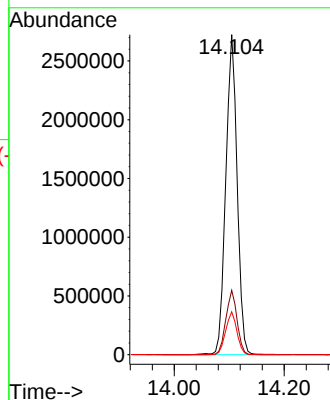
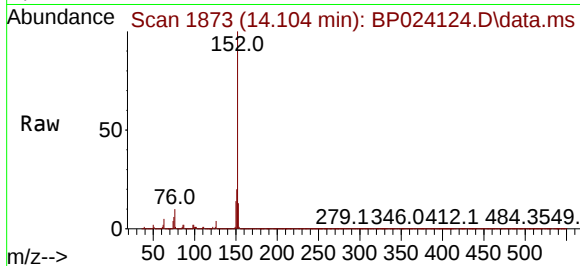




#49
Acenaphthylene
Concen: 49.867 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

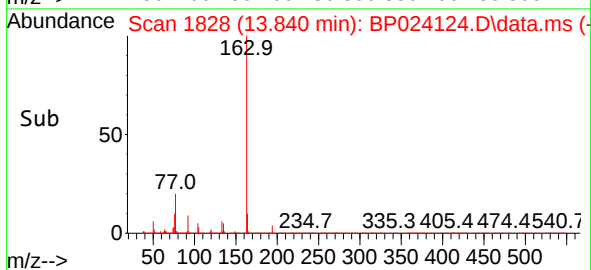
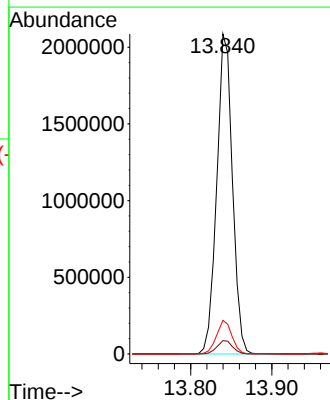
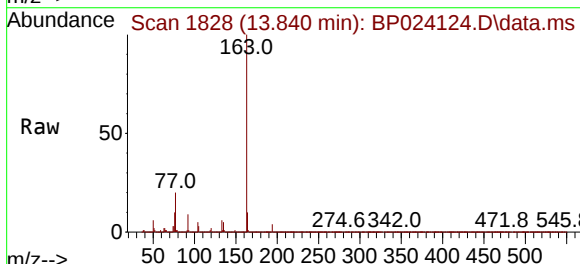
Instrument :
BNA_P
ClientSampleId :
351MS

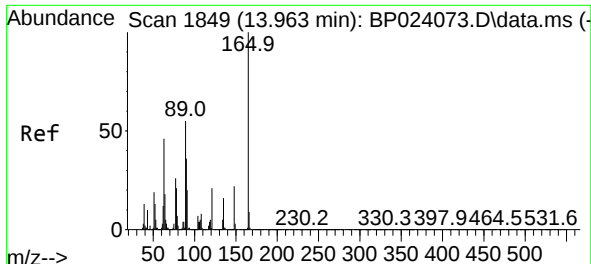
Tgt Ion:152 Resp: 3897558
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 43.936 ng
RT: 13.840 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:163 Resp: 2798849
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.1 12.1

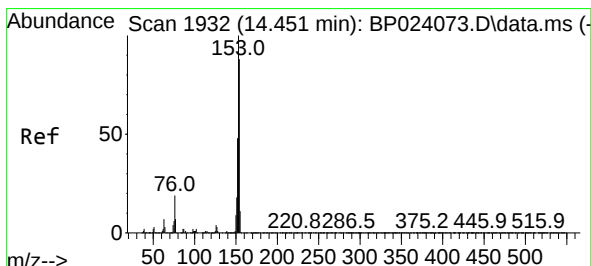
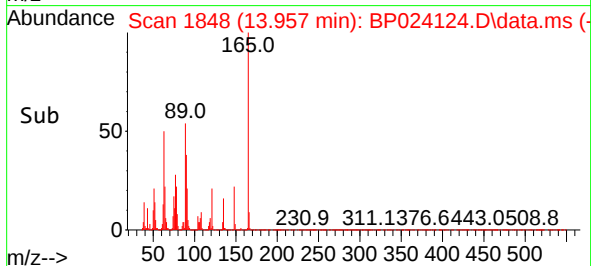
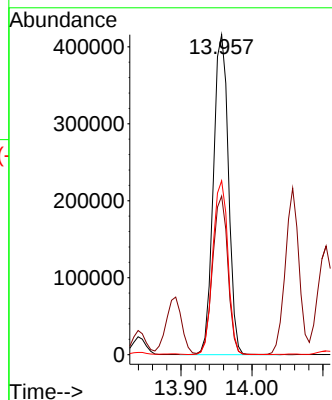
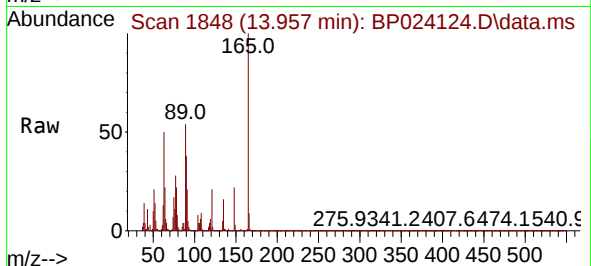




#51
2,6-Dinitrotoluene
Concen: 47.242 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

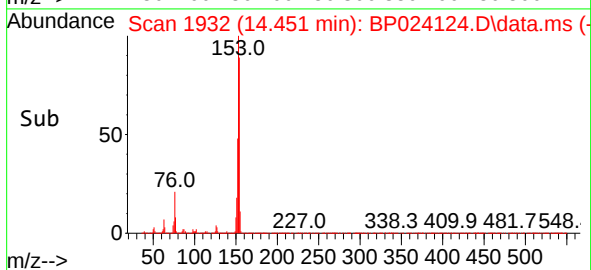
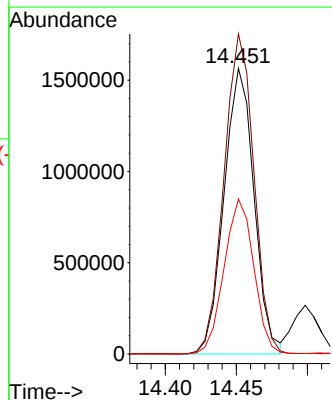
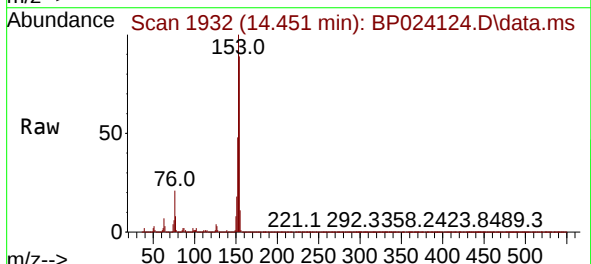
Instrument :
BNA_P
ClientSampleId :
351MS

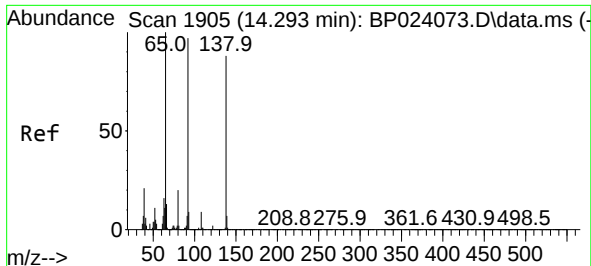
Tgt Ion:165 Resp: 613039
Ion Ratio Lower Upper
165 100
63 49.6 40.1 60.1
89 54.3 44.2 66.4



#52
Acenaphthene
Concen: 45.697 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:154 Resp: 2300031
Ion Ratio Lower Upper
154 100
153 112.0 90.6 135.8
152 54.3 43.6 65.4

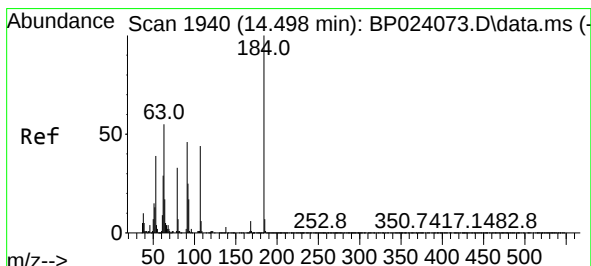
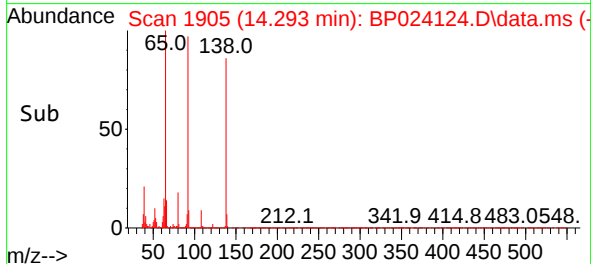
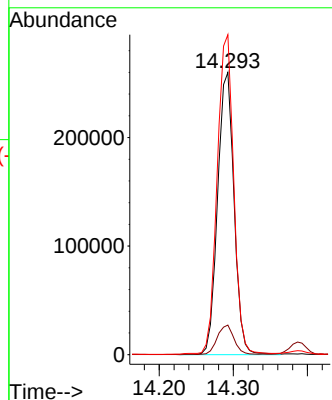
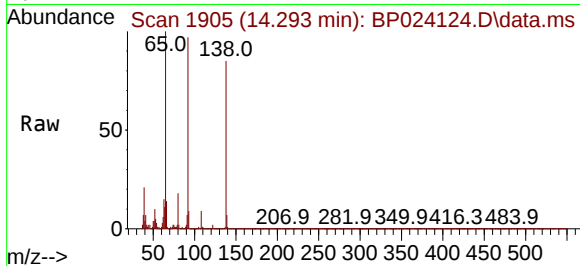




#53
3-Nitroaniline
Concen: 28.907 ng
RT: 14.293 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

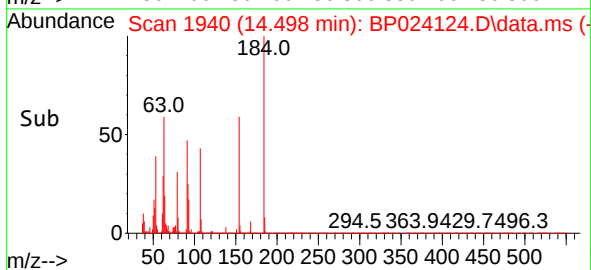
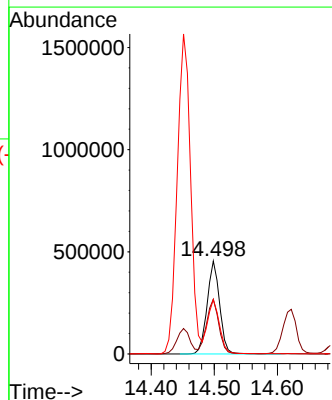
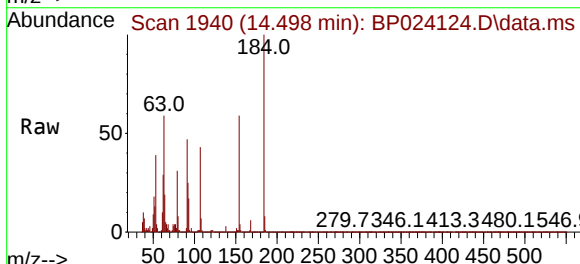
Instrument :
BNA_P
ClientSampleId :
351MS

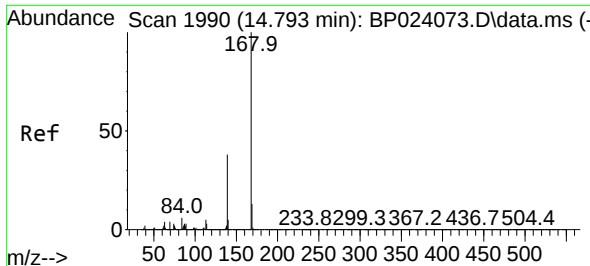
Tgt Ion:138 Resp: 400280
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 113.4 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 74.036 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:184 Resp: 627897
Ion Ratio Lower Upper
184 100
63 58.9 49.4 74.0
154 58.6 49.2 73.8

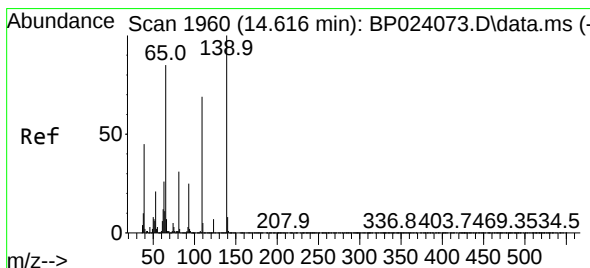
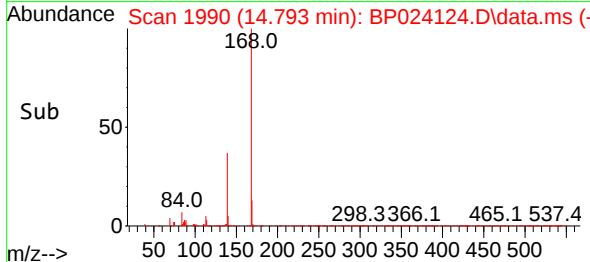
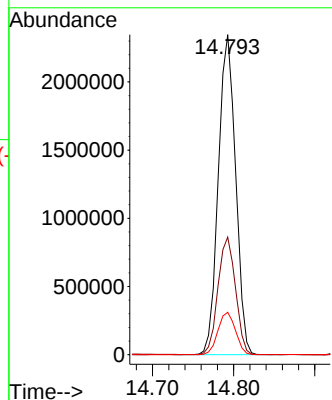
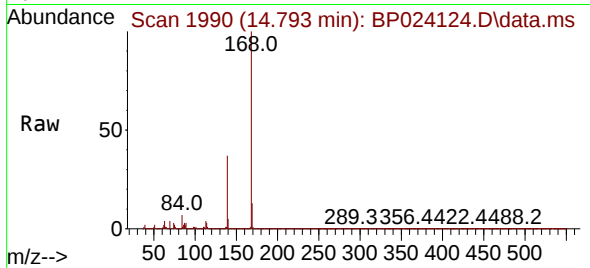




#55
Dibenzenofuran
Concen: 42.484 ng
RT: 14.793 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

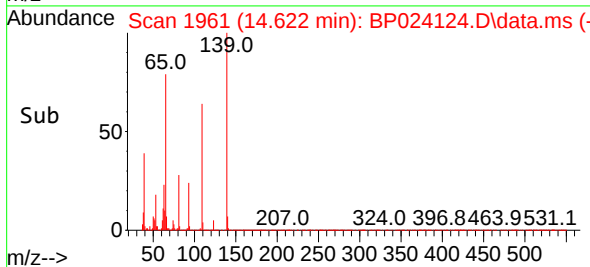
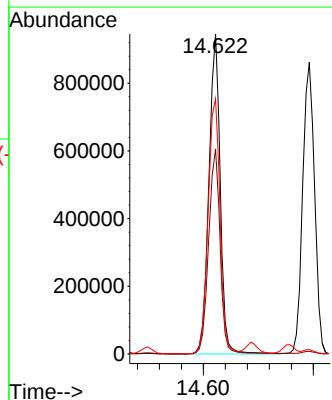
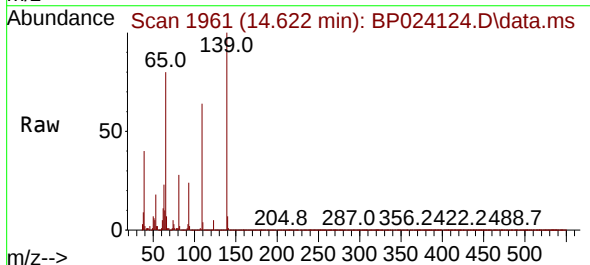
Instrument :
BNA_P
ClientSampleId :
351MS

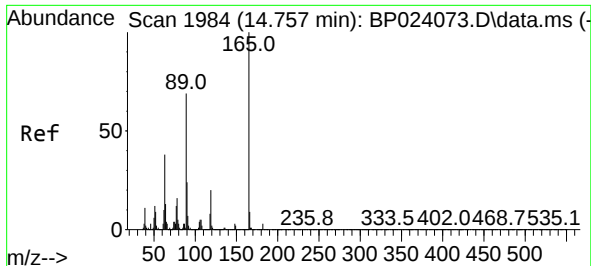
Tgt Ion:168 Resp: 3473622
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 112.463 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:139 Resp: 1345194
Ion Ratio Lower Upper
139 100
109 64.1 49.2 89.2
65 79.8 65.4 105.4

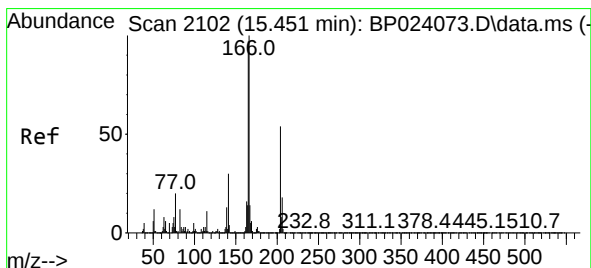
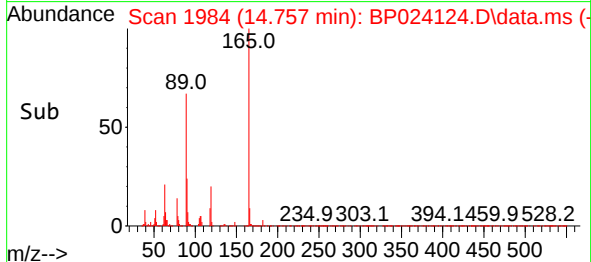
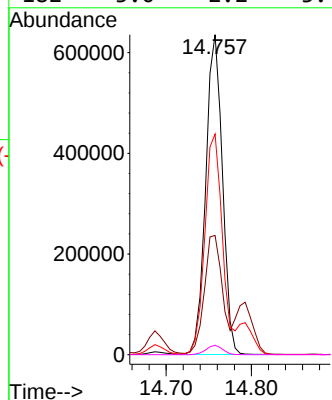
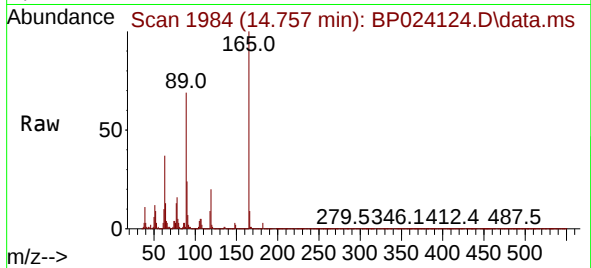




#57
2,4-Dinitrotoluene
Concen: 51.324 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

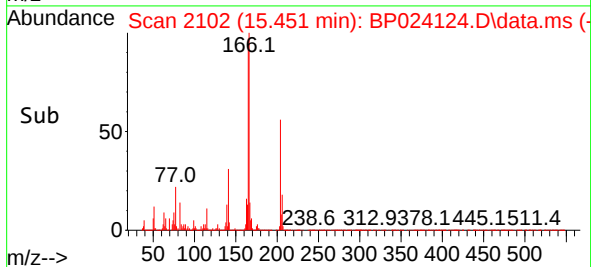
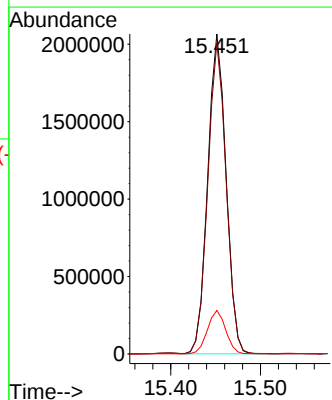
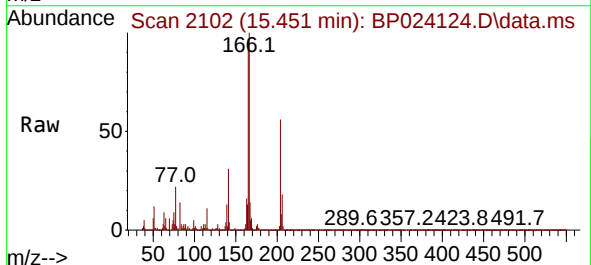
Instrument :
BNA_P
ClientSampleId :
351MS

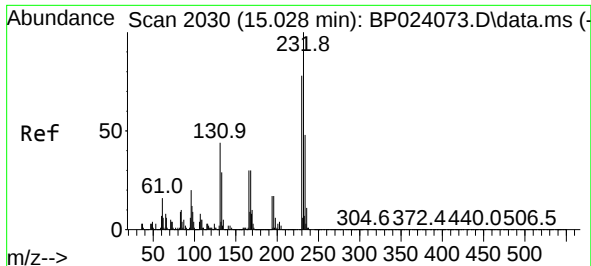
Tgt Ion:165 Resp: 865162
Ion Ratio Lower Upper
165 100
63 37.3 30.4 45.6
89 68.9 54.8 82.2
182 3.0 2.2 3.4



#58
Fluorene
Concen: 45.950 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:166 Resp: 2934147
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.6 10.9 16.3

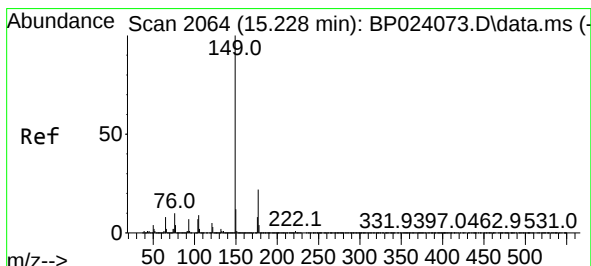
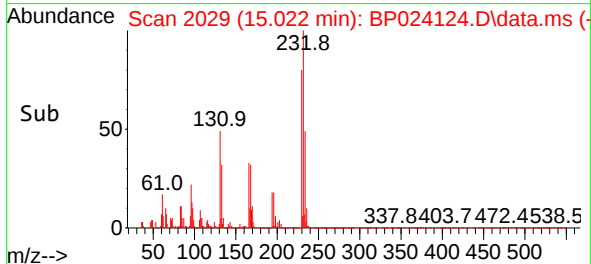
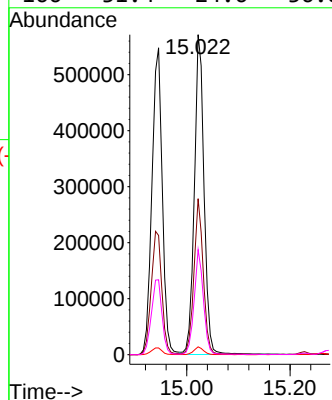
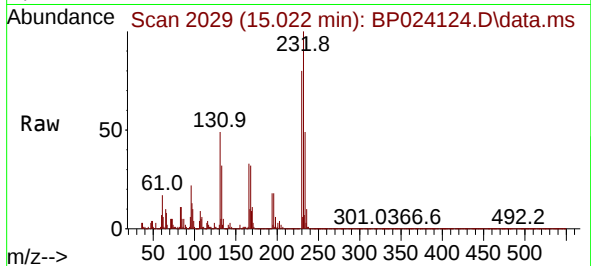




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.347 ng
RT: 15.022 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

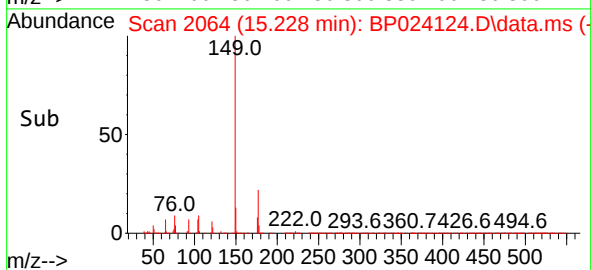
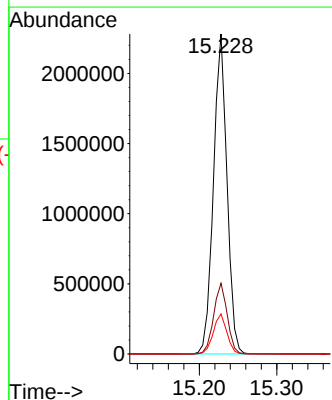
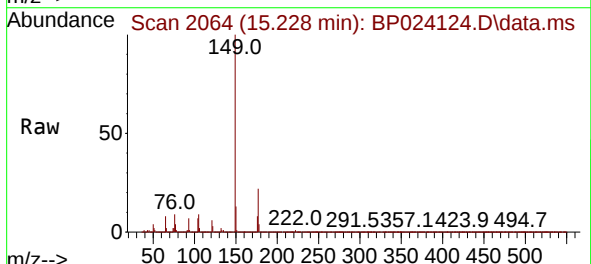
Instrument :
BNA_P
ClientSampleId :
351MS

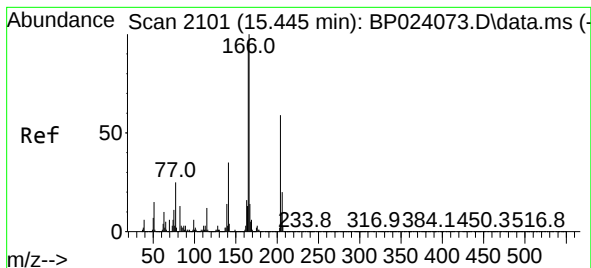
Tgt Ion:232 Resp: 744179
Ion Ratio Lower Upper
232 100
131 46.4 37.3 55.9
130 2.3 1.9 2.9
166 31.4 24.6 36.8



#60
Diethylphthalate
Concen: 43.649 ng
RT: 15.228 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:149 Resp: 2760256
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.5 9.8 14.6

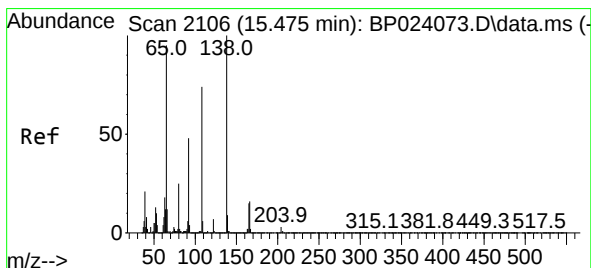
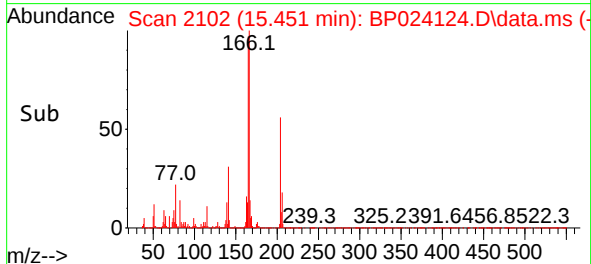
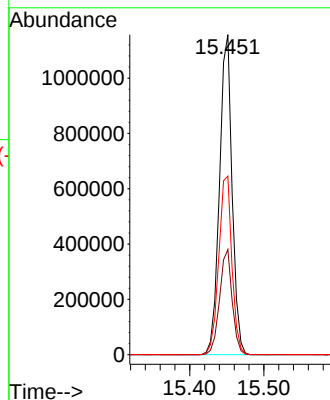
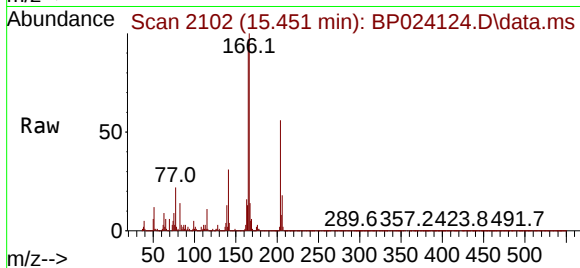




#61
4-Chlorophenyl-phenylether
Concen: 43.397 ng
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

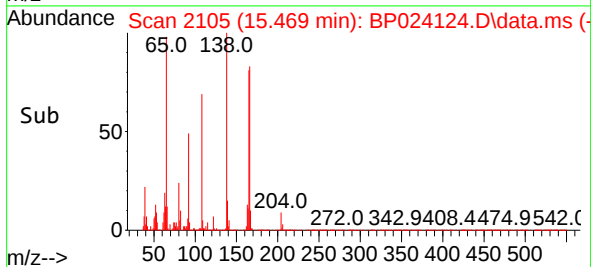
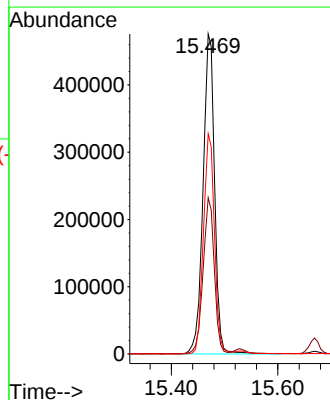
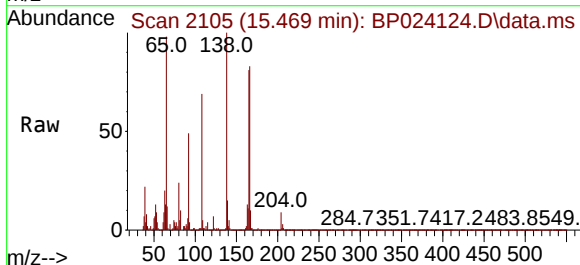
Instrument :
BNA_P
ClientSampleId :
351MS

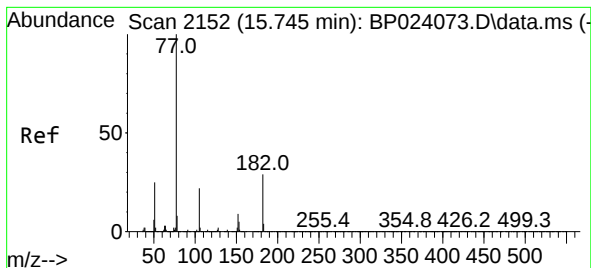
Tgt Ion:204 Resp: 1363999
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 55.8 47.8 71.6



#62
4-Nitroaniline
Concen: 43.821 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:138 Resp: 713336
Ion Ratio Lower Upper
138 100
92 48.8 28.3 68.3
108 68.8 54.0 94.0





#63

Azobenzene

Concen: 48.956 ng

RT: 15.745 min Scan# 2152

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

Tgt Ion: 77 Resp: 2901046

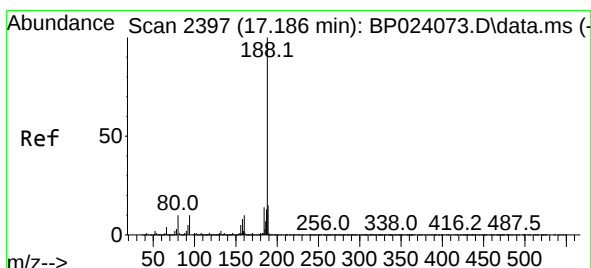
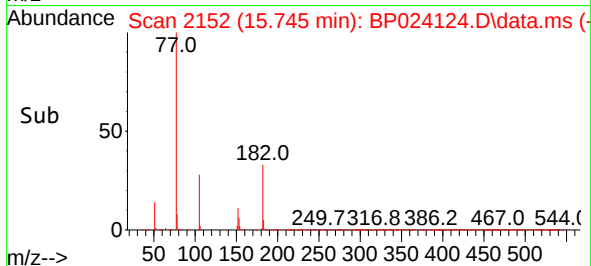
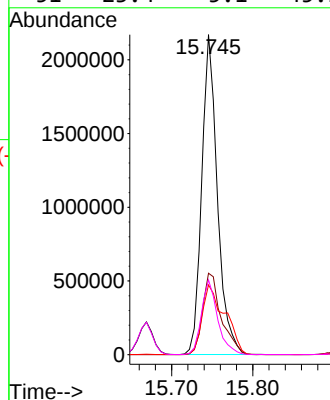
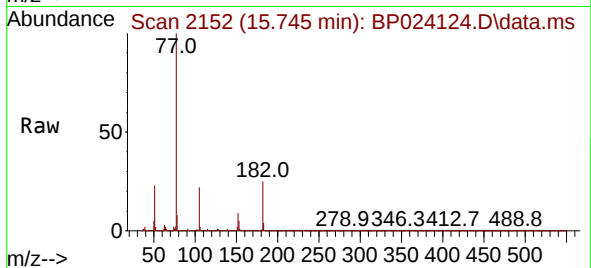
Ion Ratio Lower Upper

77 100

182 25.4 8.5 48.5

105 21.8 1.8 41.8

51 23.4 5.1 45.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.187 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

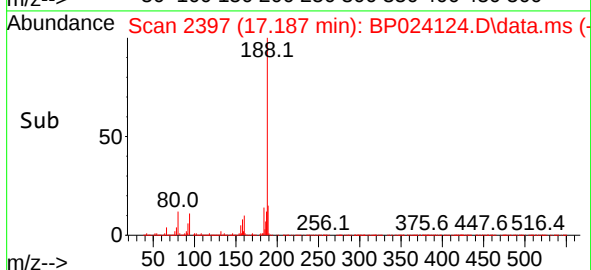
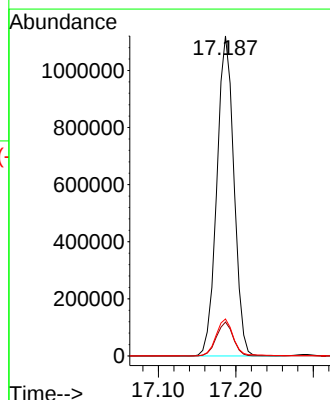
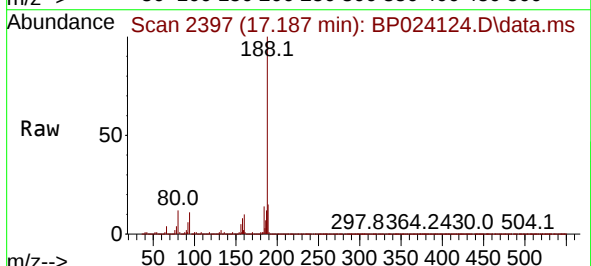
Tgt Ion:188 Resp: 1712511

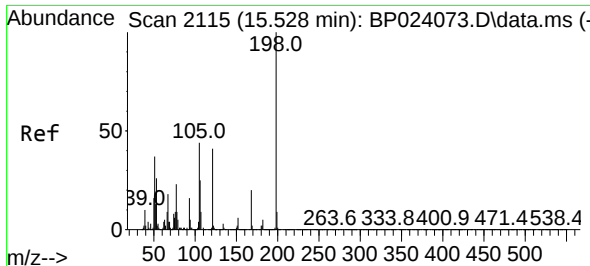
Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.6 8.2 12.2

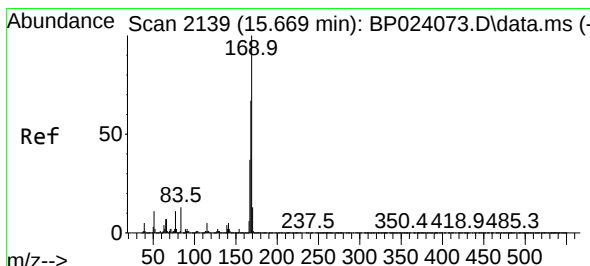
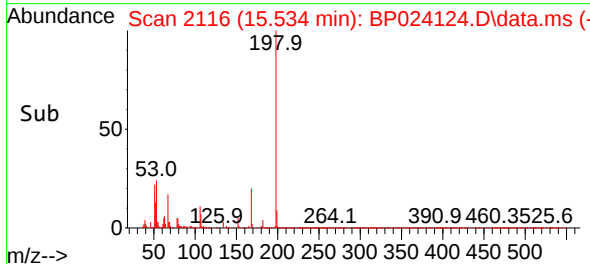
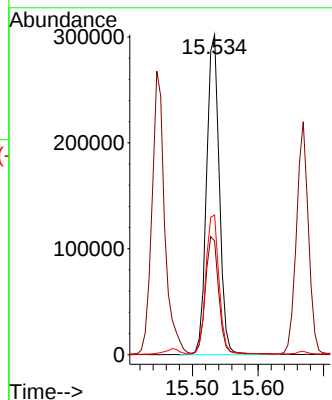
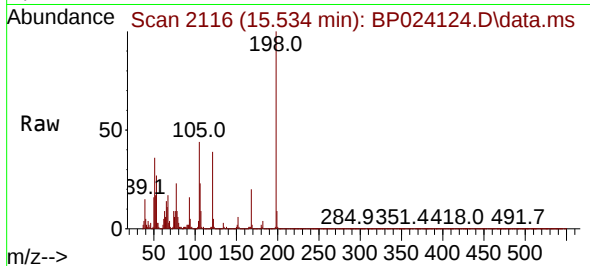




#65
4,6-Dinitro-2-methylphenol
Concen: 38.520 ng
RT: 15.534 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

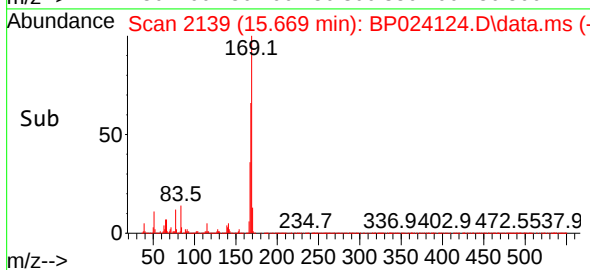
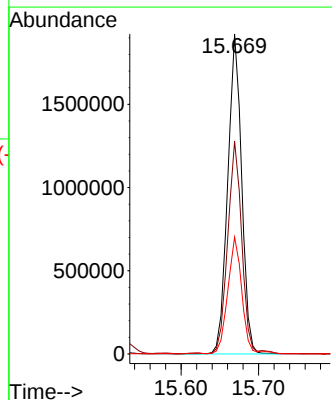
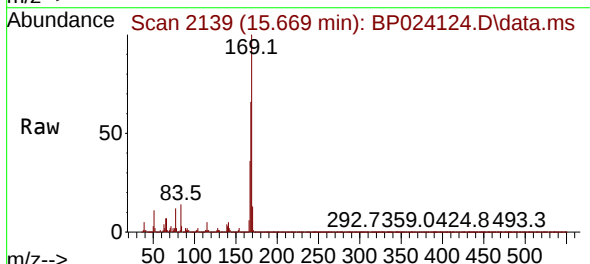
Instrument :
BNA_P
ClientSampleId :
351MS

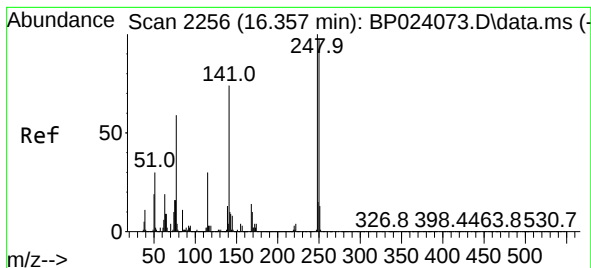
Tgt Ion:198 Resp: 408812
Ion Ratio Lower Upper
198 100
51 35.5 18.7 58.7
105 43.7 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 44.932 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:169 Resp: 2399581
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.5 29.5 44.3

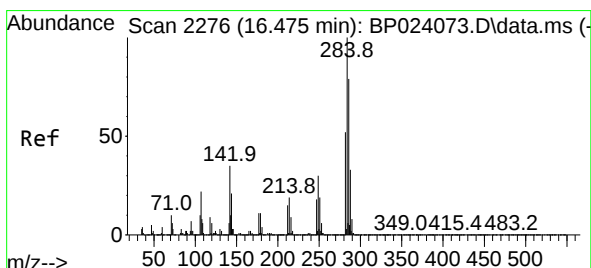
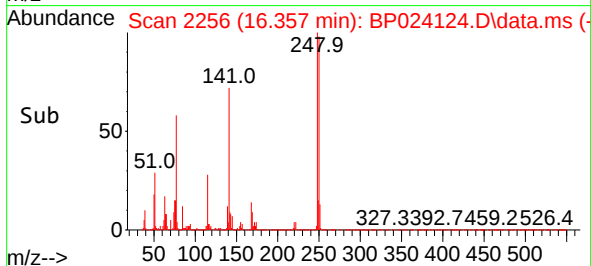
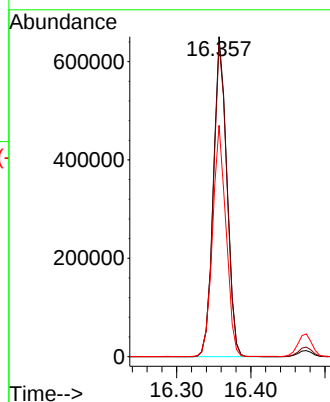
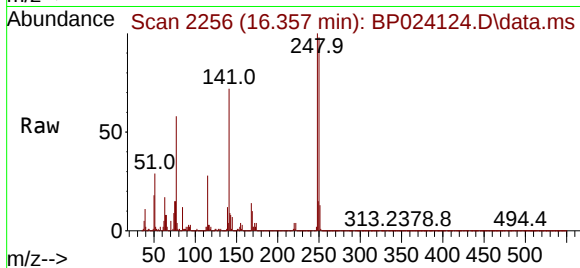




#67
4-Bromophenyl-phenylether
Concen: 42.912 ng
RT: 16.357 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

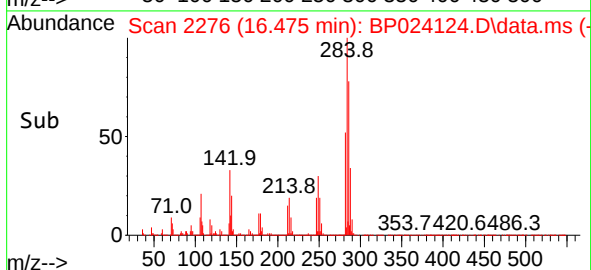
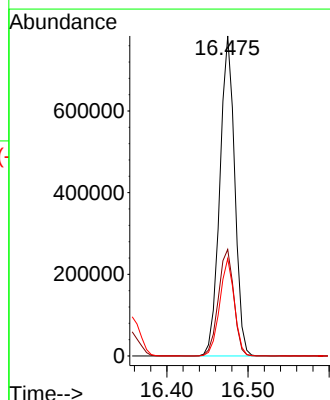
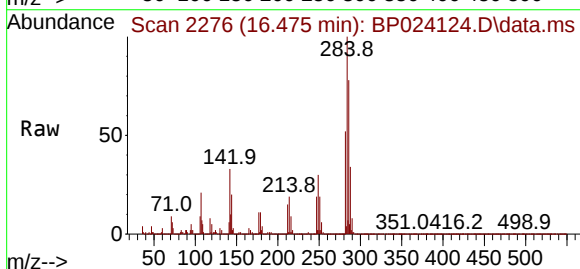
Instrument :
BNA_P
ClientSampleId :
351MS

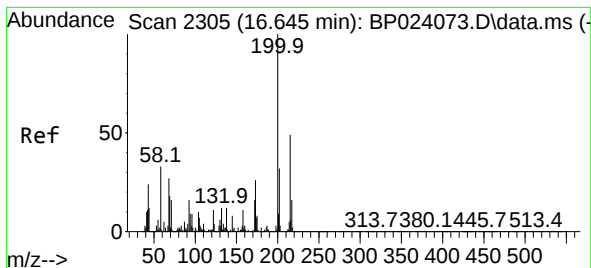
Tgt Ion:248 Resp: 825220
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 72.3 58.8 88.2



#68
Hexachlorobenzene
Concen: 44.205 ng
RT: 16.475 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:284 Resp: 1000271
Ion Ratio Lower Upper
284 100
142 33.3 27.7 41.5
249 30.4 23.8 35.6





#69

Atrazine

Concen: 67.300 ng

RT: 16.640 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

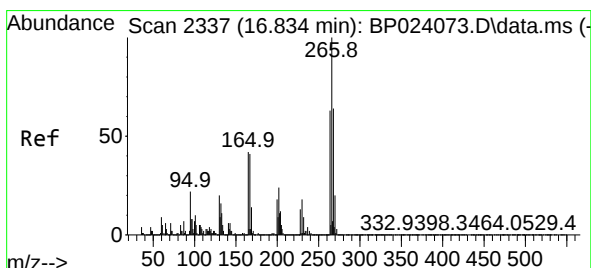
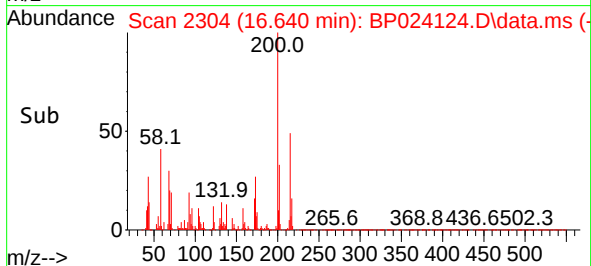
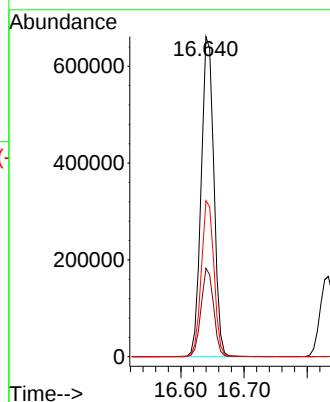
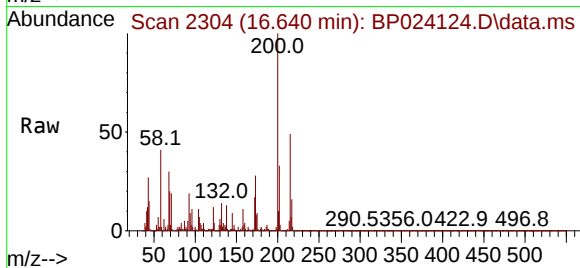
Tgt Ion:200 Resp: 922345

Ion Ratio Lower Upper

200 100

173 27.6 5.7 45.7

215 48.8 28.7 68.7



#70

Pentachlorophenol

Concen: 97.593 ng

RT: 16.834 min Scan# 2337

Delta R.T. -0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

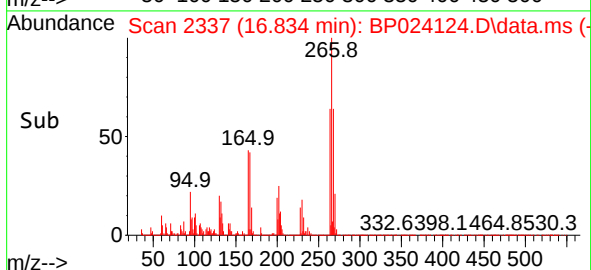
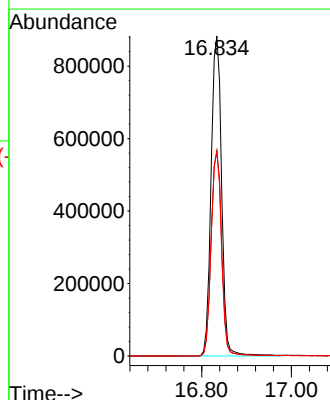
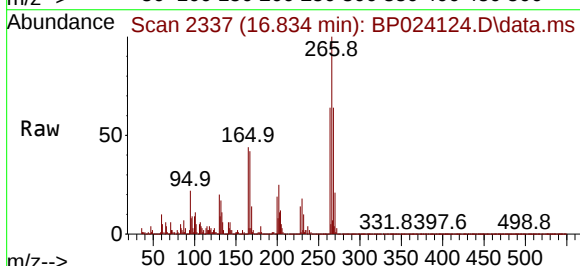
Tgt Ion:266 Resp: 1434299

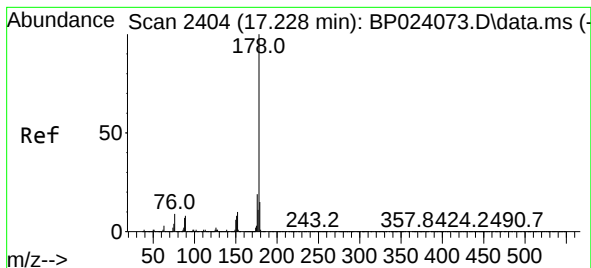
Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

264 63.8 50.5 75.7





#71

Phenanthrene

Concen: 60.953 ng

RT: 17.234 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

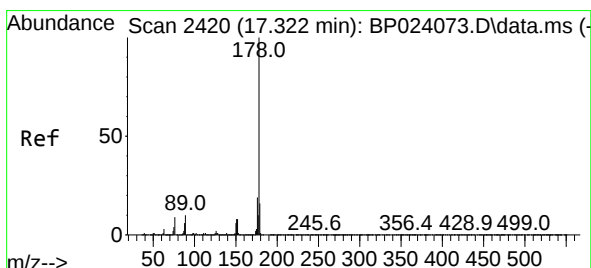
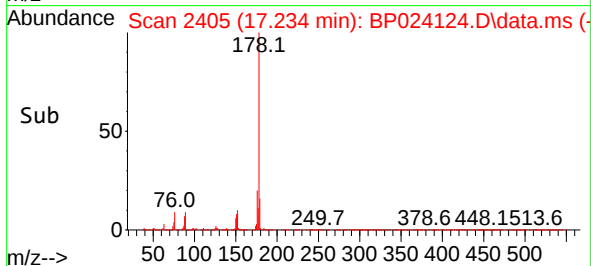
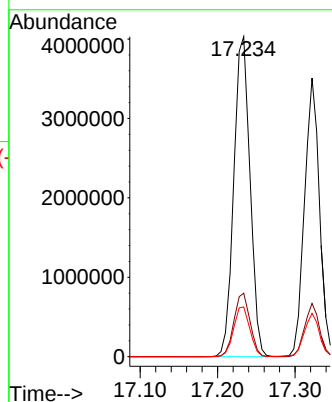
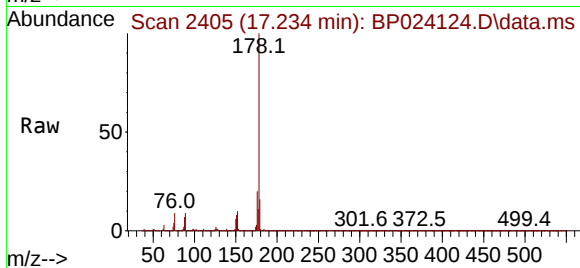
Tgt Ion:178 Resp: 5884913

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 50.781 ng

RT: 17.322 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

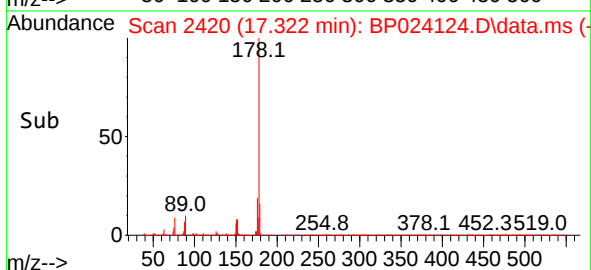
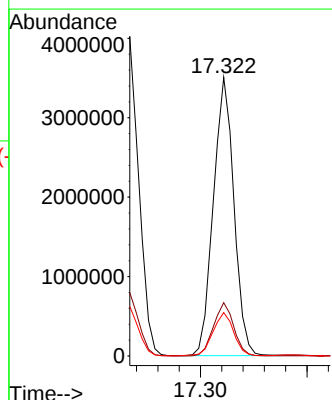
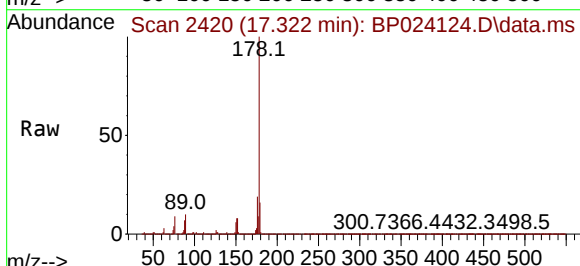
Tgt Ion:178 Resp: 4698379

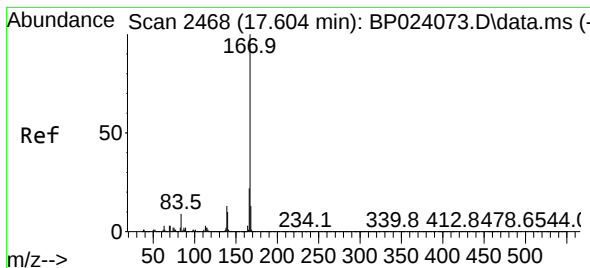
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.6 19.0





#73

Carbazole

Concen: 49.436 ng

RT: 17.610 min Scan# 2469

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

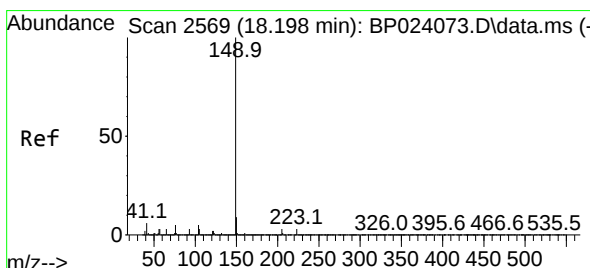
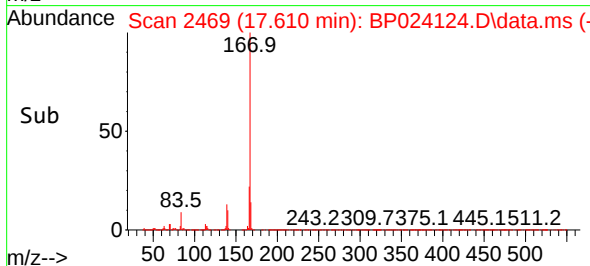
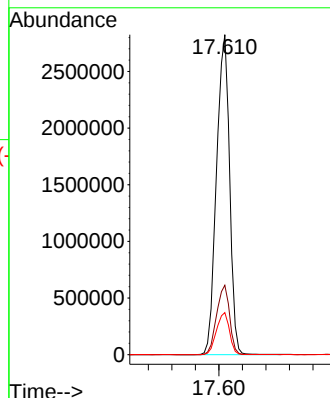
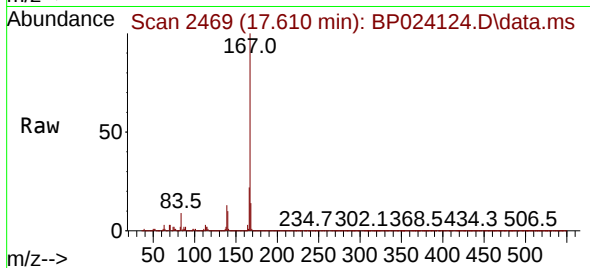
Tgt Ion:167 Resp: 4357962

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.963 ng

RT: 18.198 min Scan# 2569

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

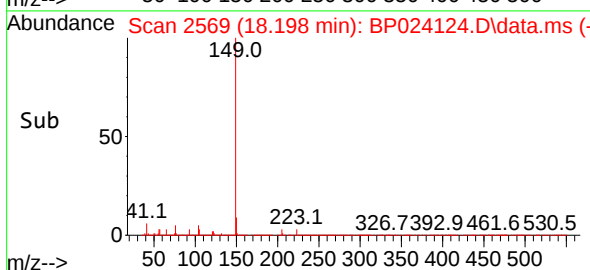
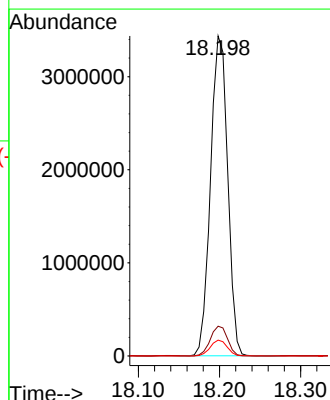
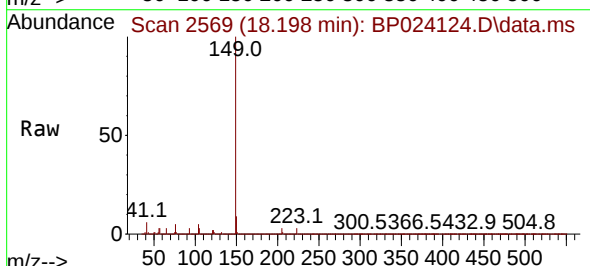
Tgt Ion:149 Resp: 5036344

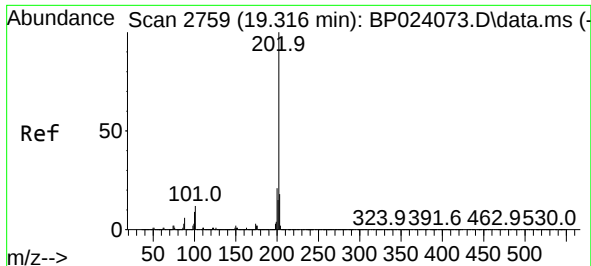
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2

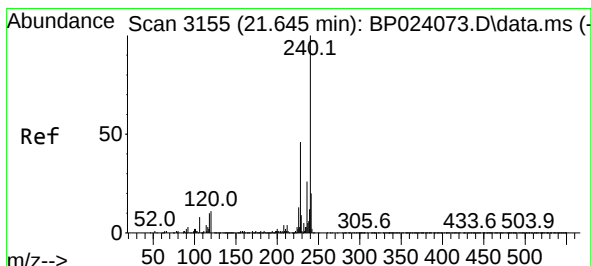
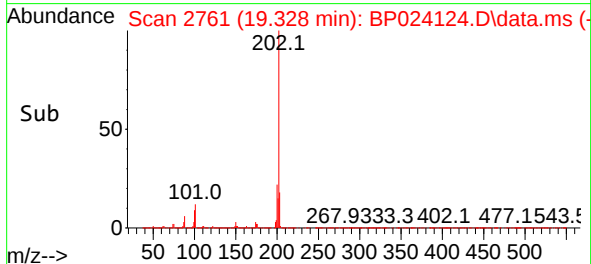
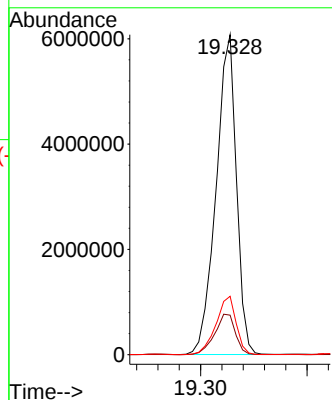
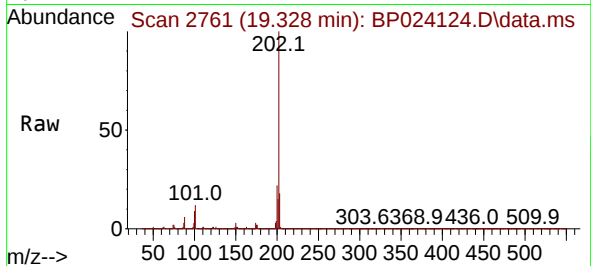




#75
Fluoranthene
Concen: 73.558 ng
RT: 19.328 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

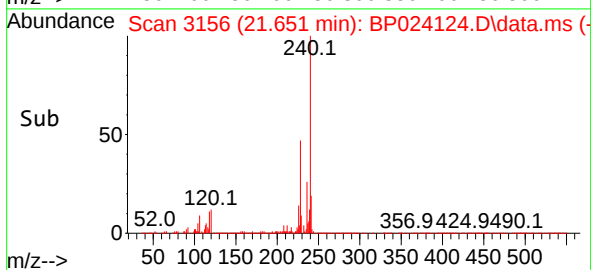
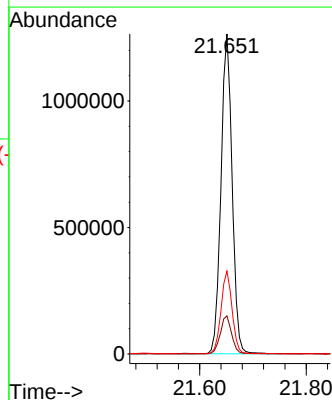
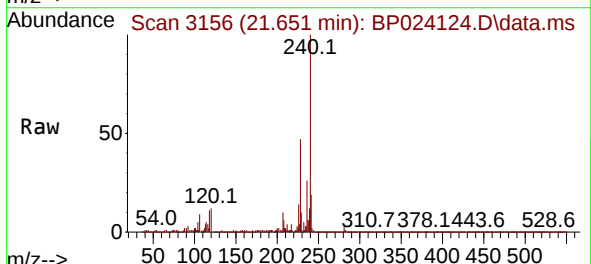
Instrument :
BNA_P
ClientSampleId :
351MS

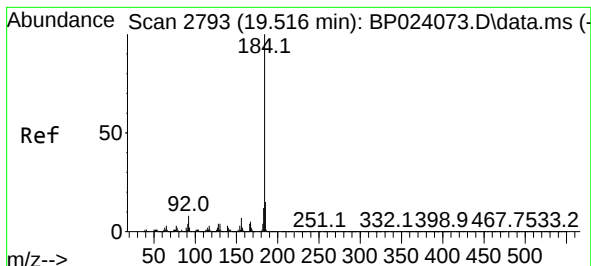
Tgt Ion:202 Resp: 8032892
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.9
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:240 Resp: 1833168
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.9 20.7 31.1





#77

Benzidine

Concen: 110.854 ng

RT: 19.516 min Scan# 2793

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

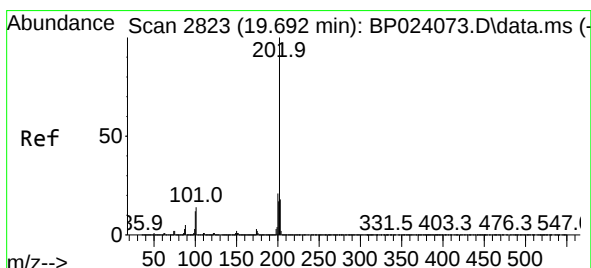
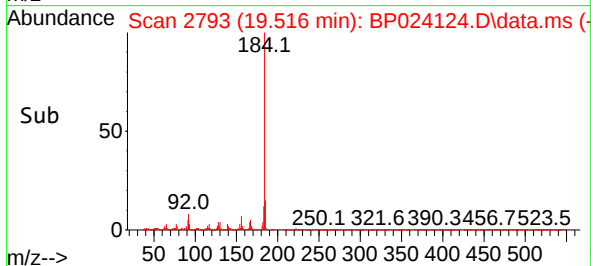
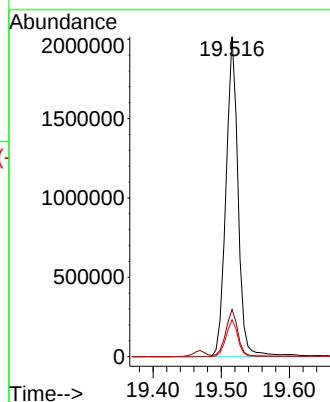
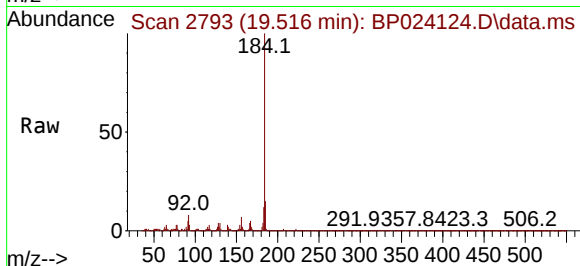
Tgt Ion:184 Resp: 2476266

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 65.999 ng

RT: 19.698 min Scan# 2824

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

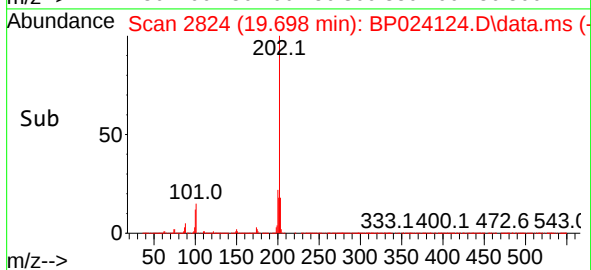
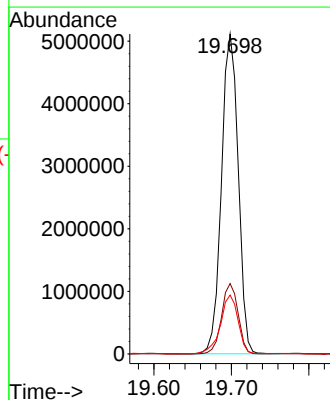
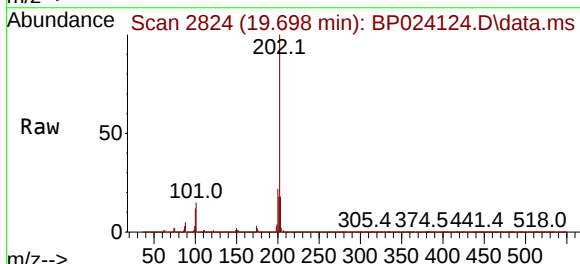
Tgt Ion:202 Resp: 7685078

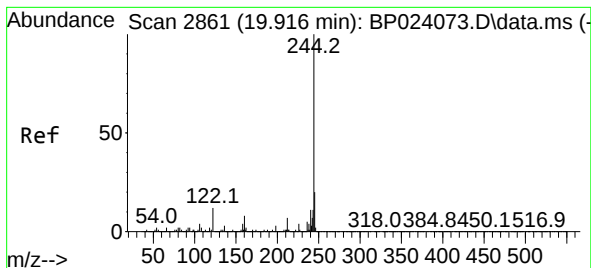
Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 74.369 ng

RT: 19.916 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

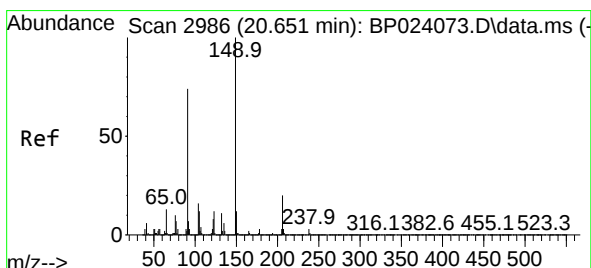
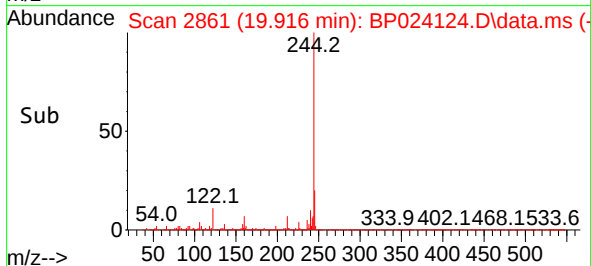
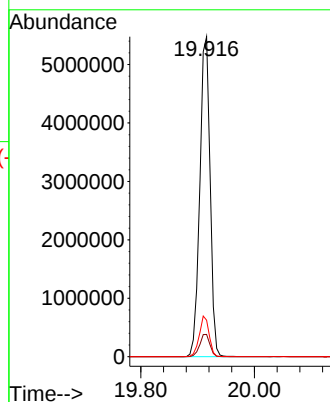
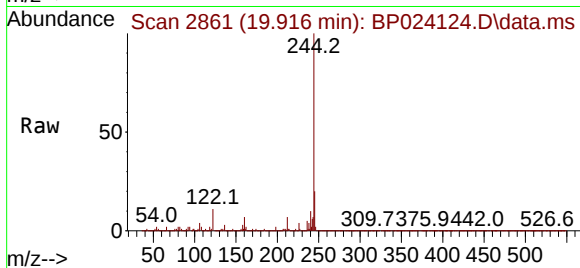
Tgt Ion:244 Resp: 6889738

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.4 9.4 14.2



#80

Butylbenzylphthalate

Concen: 52.214 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

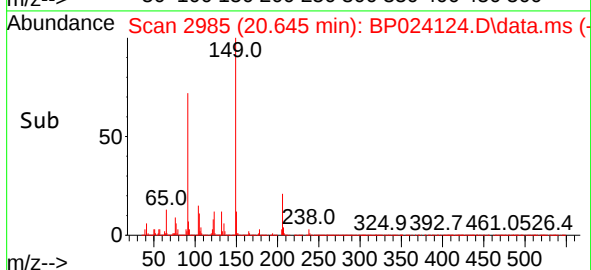
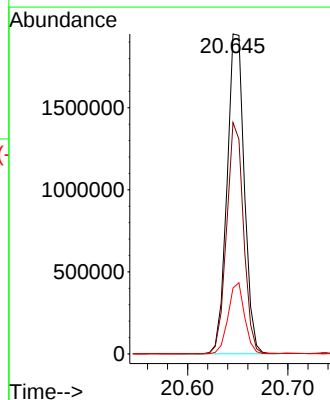
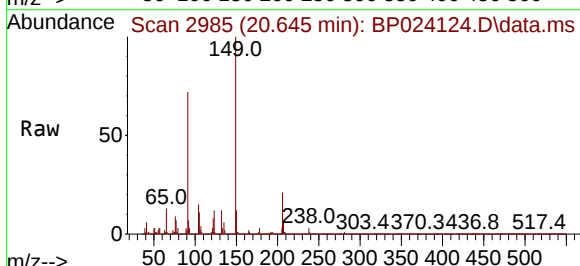
Tgt Ion:149 Resp: 2329768

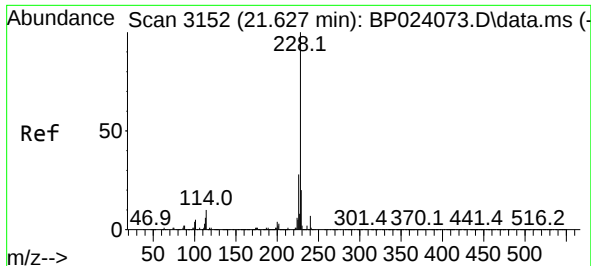
Ion Ratio Lower Upper

149 100

91 72.3 59.4 89.0

206 20.6 16.2 24.2

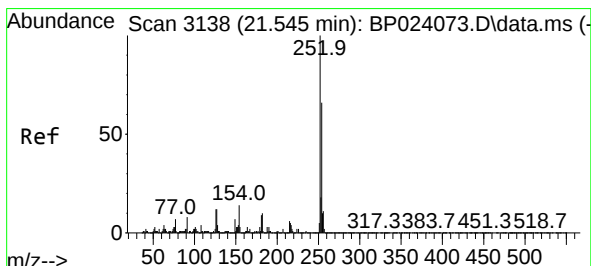
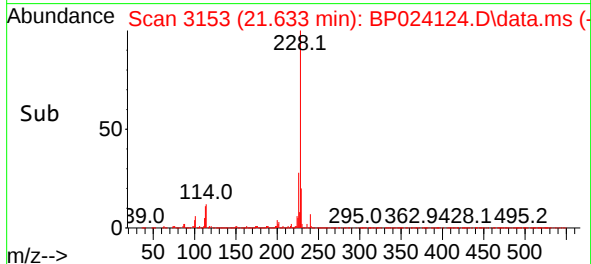
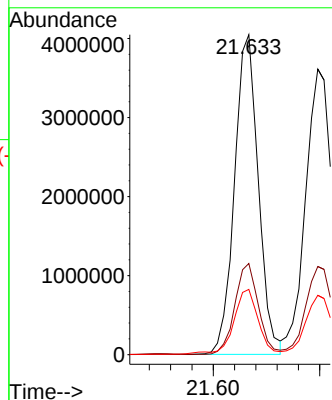
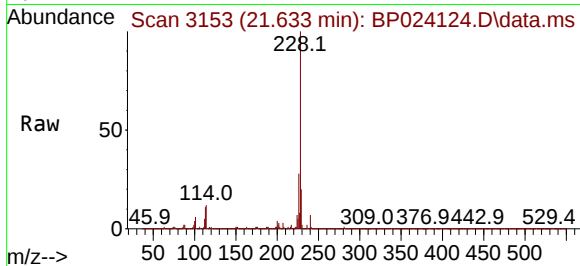




#81
Benzo(a)anthracene
Concen: 54.722 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

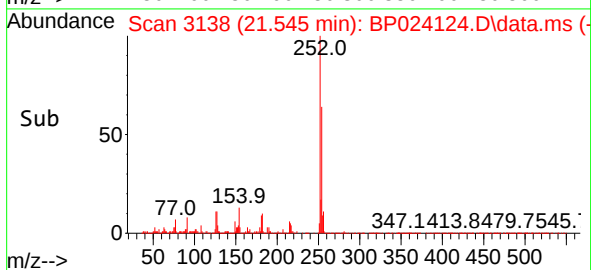
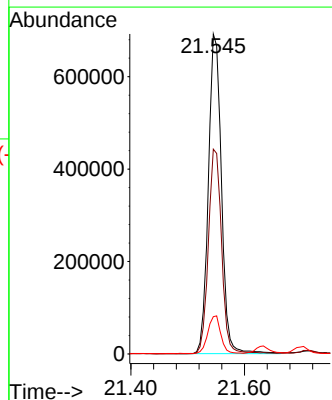
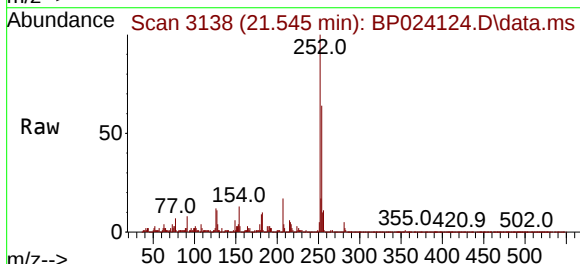
Instrument :
BNA_P
ClientSampleId :
351MS

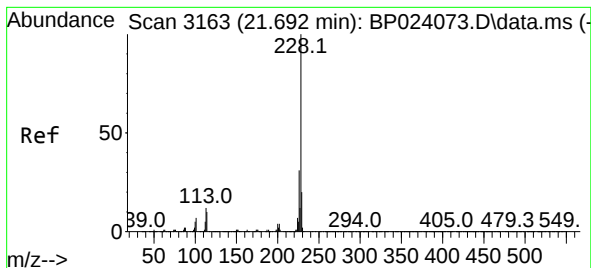
Tgt Ion:228 Resp: 6290214
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.4
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 30.605 ng
RT: 21.545 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:252 Resp: 1099325
Ion Ratio Lower Upper
252 100
254 64.0 52.4 78.6
126 11.6 9.6 14.4





#83

Chrysene

Concen: 55.007 ng

RT: 21.698 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

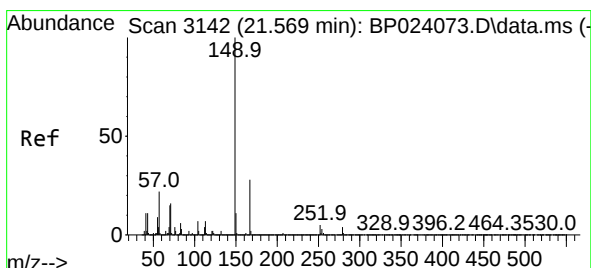
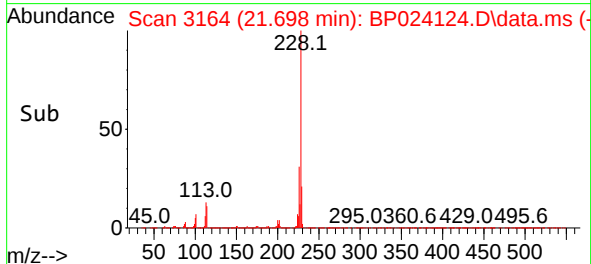
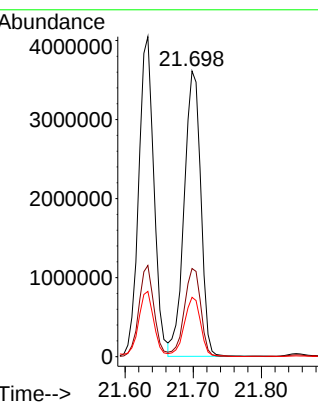
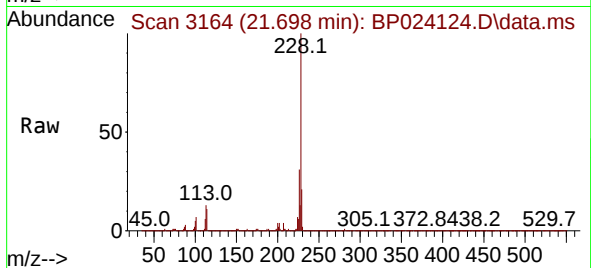
Tgt Ion:228 Resp: 6097082

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.062 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

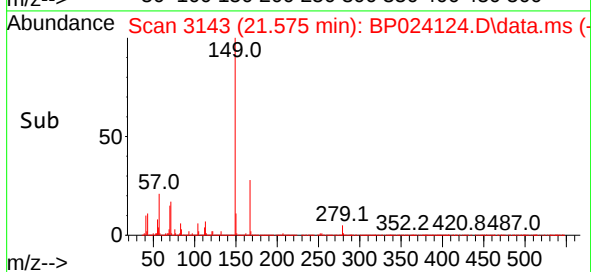
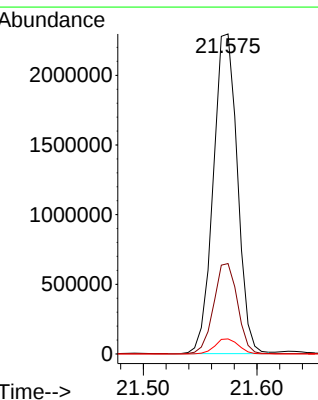
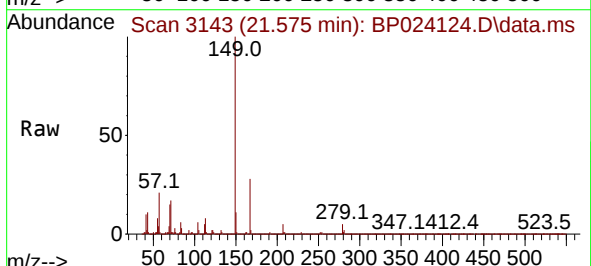
Tgt Ion:149 Resp: 3387355

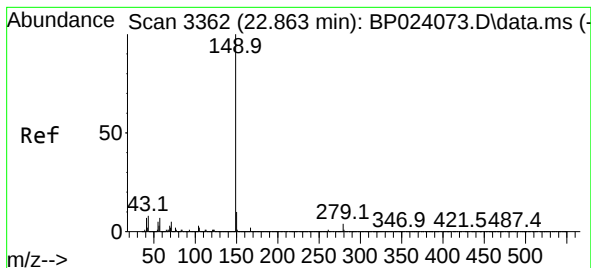
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.165 ng

RT: 22.869 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

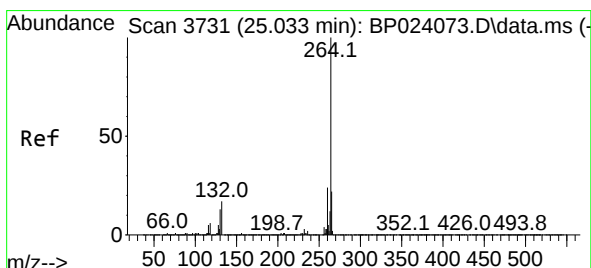
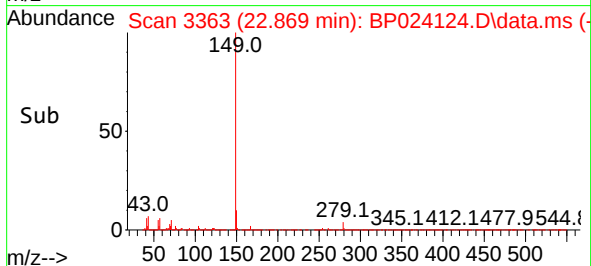
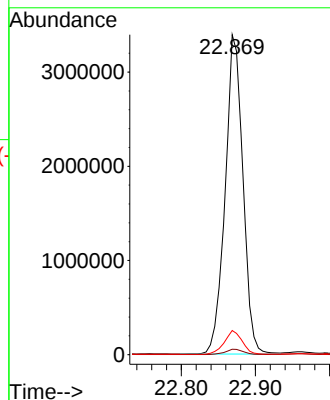
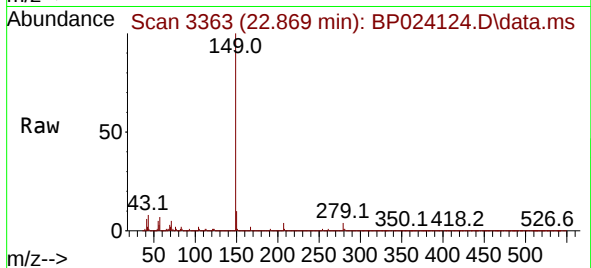
Tgt Ion:149 Resp: 5641851

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.4 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.039 min Scan# 3732

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

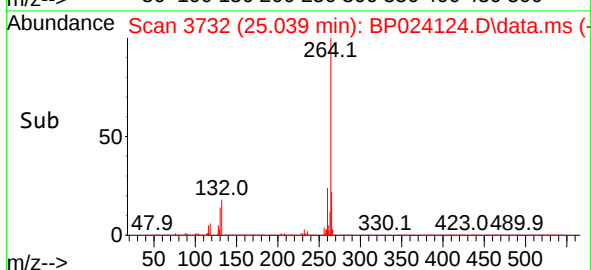
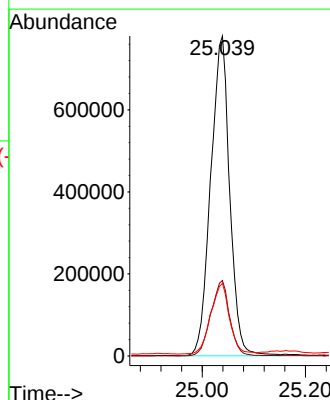
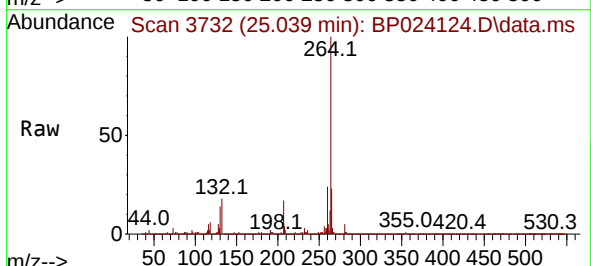
Tgt Ion:264 Resp: 1984229

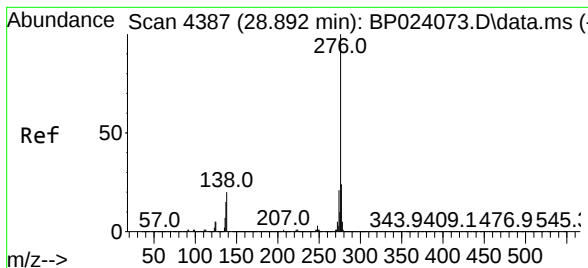
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.909 ng

RT: 28.886 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

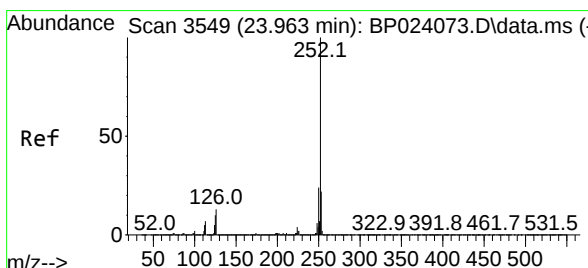
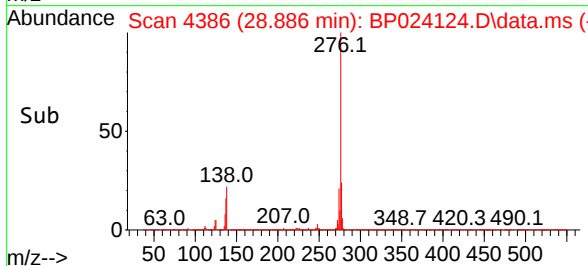
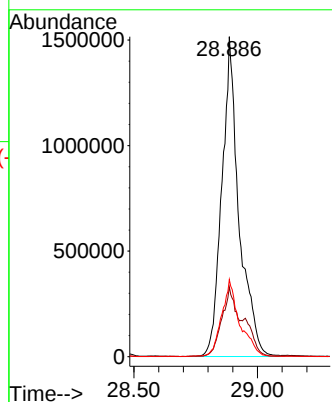
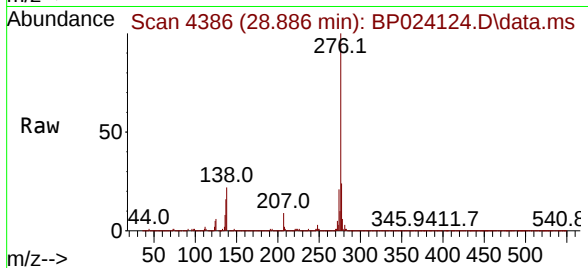
Tgt Ion:276 Resp: 7327500

Ion Ratio Lower Upper

276 100

138 19.5 14.2 21.4

277 25.1 16.2 24.4#



#88

Benzo(b)fluoranthene

Concen: 52.160 ng

RT: 23.969 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

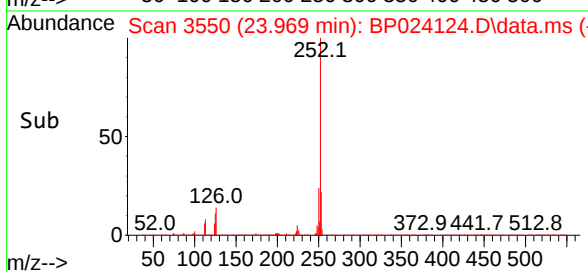
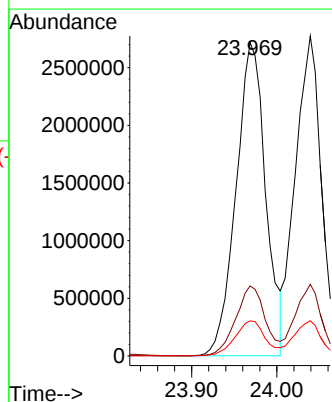
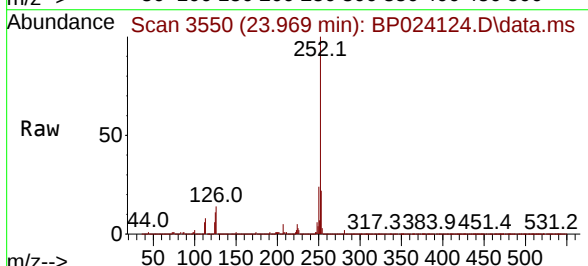
Tgt Ion:252 Resp: 6572380

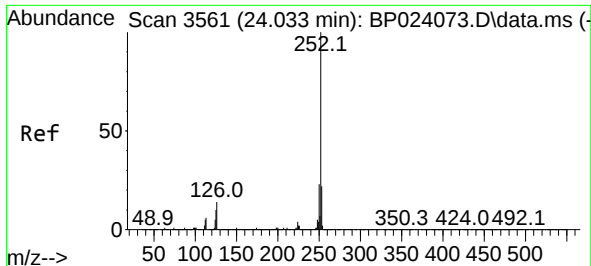
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 11.2 8.4 12.6

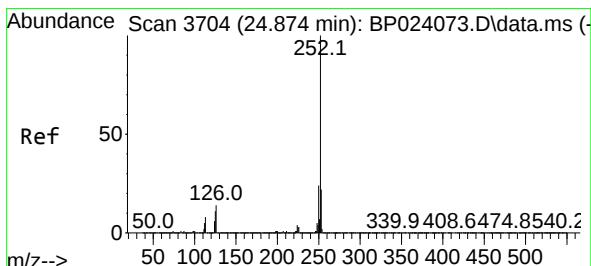
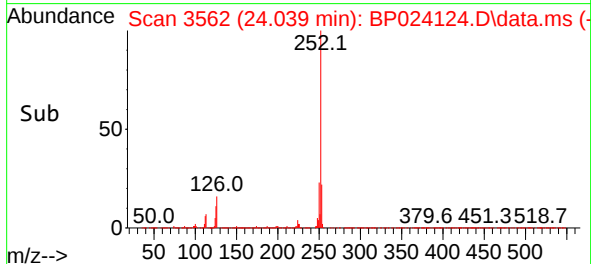
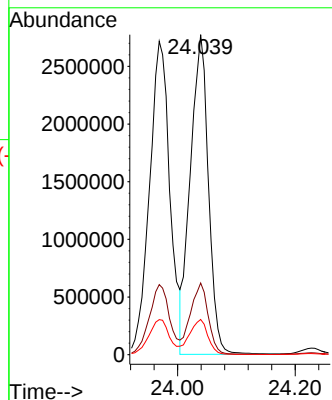
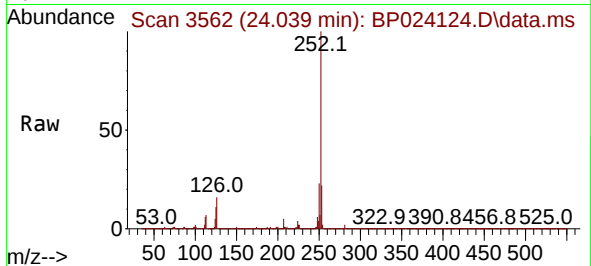




#89
Benzo(k)fluoranthene
Concen: 48.262 ng
RT: 24.039 min Scan# 3561
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

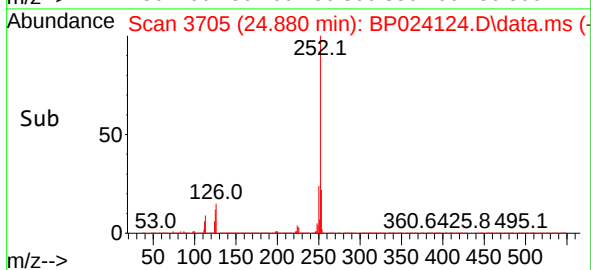
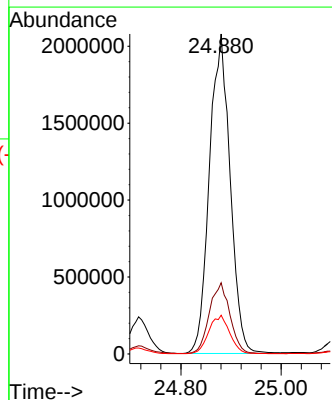
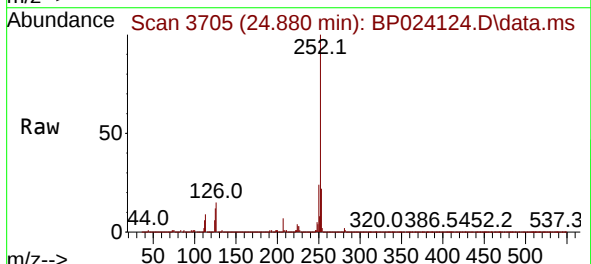
Instrument :
BNA_P
ClientSampleId :
351MS

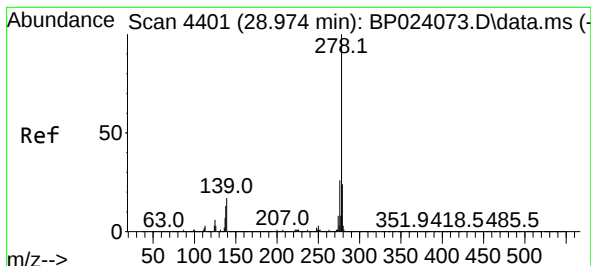
Tgt Ion:252 Resp: 5919161
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 55.630 ng
RT: 24.880 min Scan# 3705
Delta R.T. 0.006 min
Lab File: BP024124.D
Acq: 27 Feb 2025 17:54

Tgt Ion:252 Resp: 5948762
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.179 ng

RT: 28.951 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Instrument :

BNA_P

ClientSampleId :

351MS

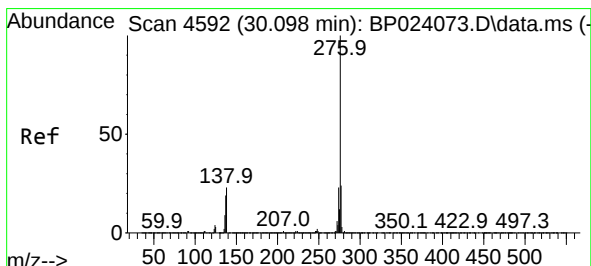
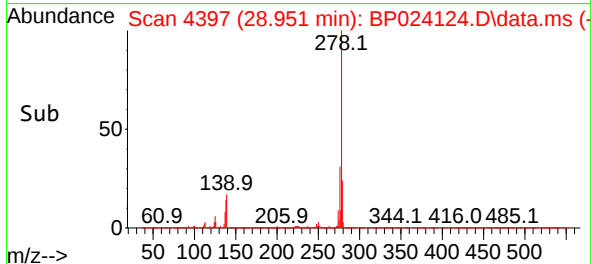
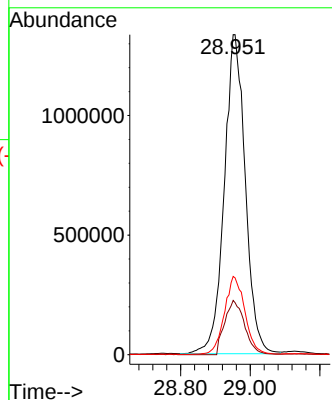
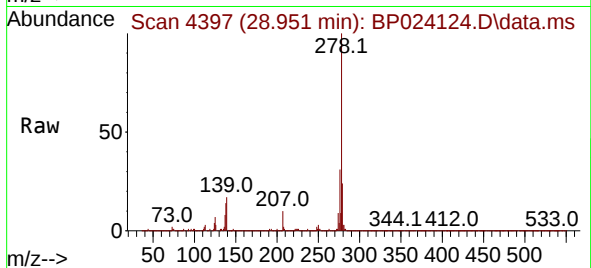
Tgt Ion:278 Resp: 5599736

Ion Ratio Lower Upper

278 100

139 17.0 13.4 20.0

279 24.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.489 ng

RT: 30.074 min Scan# 4588

Delta R.T. -0.023 min

Lab File: BP024124.D

Acq: 27 Feb 2025 17:54

Tgt Ion:276 Resp: 5840010

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 23.4 18.1 27.1

