

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024137.D
 Acq On : 28 Feb 2025 16:14
 Operator : RC/JU
 Sample : PB166907BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166907BSD

Quant Time: Feb 28 16:41:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	428096	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1842676	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1074659	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810076	20.000	ng	0.02
76) Chrysene-d12	21.657	240	1558432	20.000	ng	0.01
86) Perylene-d12	25.057	264	1706489	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	4162692	151.725	ng	0.00
7) Phenol-d6	6.946	99	5308119	150.533	ng	0.00
23) Nitrobenzene-d5	8.910	82	3028989	91.706	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1945610	147.805	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	6861743	89.263	ng	0.00
79) Terphenyl-d14	19.921	244	8240562	104.631	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	363228	33.749	ng	99
3) Pyridine	3.705	79	940133	33.598	ng	99
4) n-Nitrosodimethylamine	3.611	42	383494	38.637	ng	93
6) Aniline	7.093	93	1559847	48.303	ng	99
8) 2-Chlorophenol	7.334	128	1412221	48.632	ng	98
9) Benzaldehyde	6.910	77	480366	29.838	ng	98
10) Phenol	6.975	94	1763479	49.733	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	1261733	45.178	ng	99
12) 1,3-Dichlorobenzene	7.652	146	1312003	41.126	ng	100
13) 1,4-Dichlorobenzene	7.799	146	1346738	41.743	ng	100
14) 1,2-Dichlorobenzene	8.110	146	1308355	42.256	ng	99
15) Benzyl Alcohol	7.999	79	1147170	53.148	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1353932	49.940	ng	98
17) 2-Methylphenol	8.204	107	1161291	53.743	ng	99
18) Hexachloroethane	8.834	117	486138	41.841	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	947624	49.981	ng	98
20) 3+4-Methylphenols	8.534	107	1581663	53.806	ng	97
22) Acetophenone	8.575	105	2146292	45.326	ng	# 99
24) Nitrobenzene	8.951	77	1389627	42.750	ng	99
25) Isophorone	9.475	82	2576985	47.711	ng	99
26) 2-Nitrophenol	9.657	139	727574	48.583	ng	98
27) 2,4-Dimethylphenol	9.722	122	1197830	60.932	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	1716911	43.879	ng	100
29) 2,4-Dichlorophenol	10.198	162	1277068	47.603	ng	100
30) 1,2,4-Trichlorobenzene	10.404	180	1234807	40.172	ng	98
31) Naphthalene	10.587	128	4031415	40.688	ng	100
32) Benzoic acid	9.887	122	1027518	49.533	ng	97
33) 4-Chloroaniline	10.698	127	758784	21.739	ng	99
34) Hexachlorobutadiene	10.875	225	726380	40.800	ng	99
35) Caprolactam	11.498	113	420725	46.727	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1300454	47.153	ng	99
37) 2-Methylnaphthalene	12.204	142	2696516	40.947	ng	99
38) 1-Methylnaphthalene	12.422	142	2629628	41.047	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	1523602	46.143	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1674154	136.255	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	949004	47.127	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	1023197	46.461	ng	99
46) 1,1'-Biphenyl	13.222	154	3880890	46.473	ng	98
47) 2-Chloronaphthalene	13.263	162	2672300	42.332	ng	100
48) 2-Nitroaniline	13.469	65	724018	48.553	ng	97
49) Acenaphthylene	14.116	152	4192271	45.075	ng	99
50) Dimethylphthalate	13.857	163	3155170	41.622	ng	100
51) 2,6-Dinitrotoluene	13.963	165	688985	44.618	ng	97
52) Acenaphthene	14.469	154	2489842	41.571	ng	99
53) 3-Nitroaniline	14.298	138	467132	28.349	ng	98
54) 2,4-Dinitrophenol	14.516	184	860367	84.072	ng	91
55) Dibenzofuran	14.810	168	3857598	39.648	ng	98
56) 4-Nitrophenol	14.634	139	1331298	93.532	ng	95
57) 2,4-Dinitrotoluene	14.769	165	947633	47.241	ng	97
58) Fluorene	15.469	166	3146107	41.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	842125	44.074	ng	98
60) Diethylphthalate	15.239	149	3078448	40.909	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1563809	41.811	ng	96
62) 4-Nitroaniline	15.486	138	715662	37.461	ng	95
63) Azobenzene	15.763	77	2945699	41.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	489523	42.840	ng	96
66) n-Nitrosodiphenylamine	15.686	169	2648736	46.925	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	953194	46.895	ng	97
68) Hexachlorobenzene	16.492	284	1112826	46.528	ng	99
69) Atrazine	16.657	200	975798	67.362	ng	99
70) Pentachlorophenol	16.851	266	1525967	98.233	ng	100
71) Phenanthrene	17.251	178	4401083	43.127	ng	100
72) Anthracene	17.339	178	4491044	45.923	ng	100
73) Carbazole	17.622	167	4066653	43.645	ng	100
74) Di-n-butylphthalate	18.204	149	4988433	45.883	ng	99
75) Fluoranthene	19.327	202	4643250	40.227	ng	99
77) Benzidine	19.527	184	1979838	104.255	ng	99
78) Pyrene	19.704	202	4758681	48.072	ng	100
80) Butylbenzylphthalate	20.651	149	2041436	53.818	ng	93
81) Benzo(a)anthracene	21.633	228	4488862	45.935	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1438123	47.095	ng	99
83) Chrysene	21.704	228	4144426	43.982	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	2990739	51.993	ng	99
85) Di-n-octyl phthalate	22.874	149	4896446	53.254	ng	98
87) Indeno(1,2,3-cd)pyrene	28.915	276	5653780	46.571	ng	99
88) Benzo(b)fluoranthene	23.980	252	4470011	41.249	ng	99
89) Benzo(k)fluoranthene	24.051	252	4528162	42.929	ng	99
90) Benzo(a)pyrene	24.892	252	4311445	46.881	ng	99
91) Dibenzo(a,h)anthracene	28.997	278	4679153	45.840	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4443888	42.902	ng	99

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

BNA P

ClientSampleId :
PB166907BSD

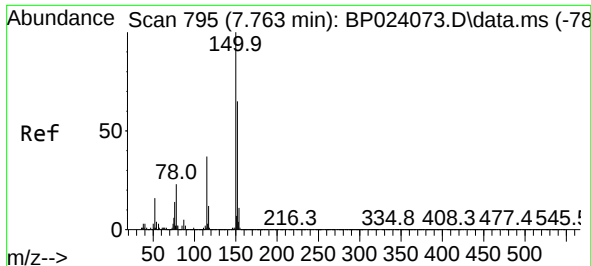
Abundance

TIC: BP024137.D\data.ms

Time-->

Chemical compounds identified in the chromatogram:

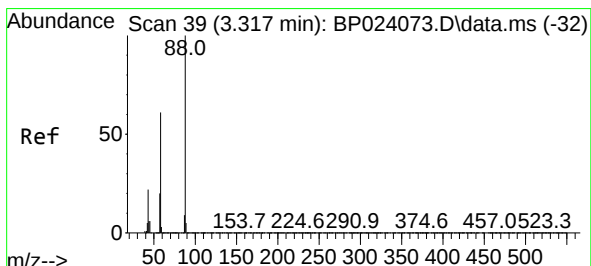
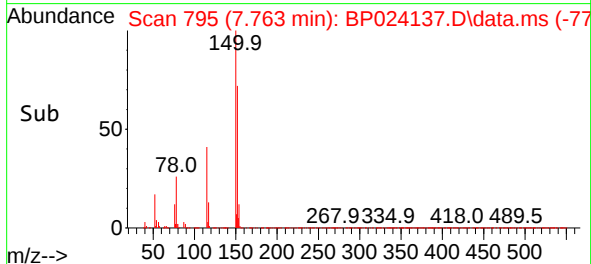
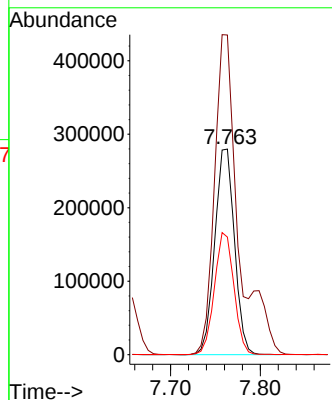
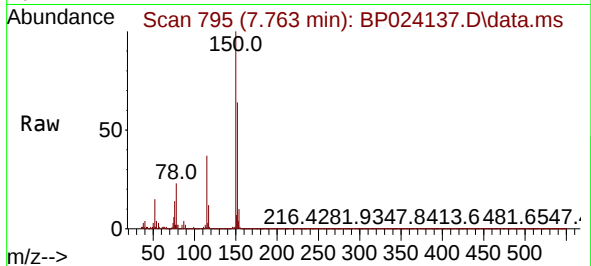
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- n-Nitrosodimethylamine,
- 2-Fluorophenol,S
- Benzaldehyde
- Phenol,C
- Phenol-d6,S
- Chlorobenzene
- 1,4-Dichlorobenzene
- 1,2-Dichlorobenzene
- Benzo(a)pyrene
- 2,2'-oxybis(1-chloroethanol)
- Nitrobenzylamine,P
- Hexachlorocyclopentadiene
- Nitrobenzene-d5,S
- Sootyzone
- 2-Nitrophenol
- Benzoic acid
- Dis(2,4-dichlorophenyl) ether
- 4-Chloroaniline
- Hexachlorobutadiene,C
- Caprolactam
- 4-Chloro-3-methylphenol,C
- 2-Methylnaphthalene
- 1-Methyl-2-naphthol
- 2-Chloronaphthalene
- 2,4,6-Trichlorophenol
- 2-Chloronaphthalene,Biphenyl
- 2-Nitroaniline
- 2,6-Dinitrotoluene
- Dimethylphthalate
- Acenaphthylene
- 3-Nitroaniline
- Acenaphthene,d10
- Acenaphthene,C
- 2,4-Dinitrophenol
- 2,4,6-Trihydroxyphenol
- 4,6-Dinitro-2-naphthol
- Azobenzene
- 4-Bromobenzoic acid
- Pentachlorophenol,C
- Phenanthrene-d10
- Phenanthrene
- Carbazole
- Di-n-butylphthalate
- Fluoranthene,C
- Pyrene
- Butylbenzylphthalate
- Chrysene
- 2,3-Dibenzofluorene
- Di-n-octyl phthalate,c
- Benzo(b)fluoranthene
- Benzo(a)pyrene,C
- Perylene-d12,l
- Indeno(1,2,3-cd)pyrene
- Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP024137.D
 Acq: 28 Feb 2025 16:14

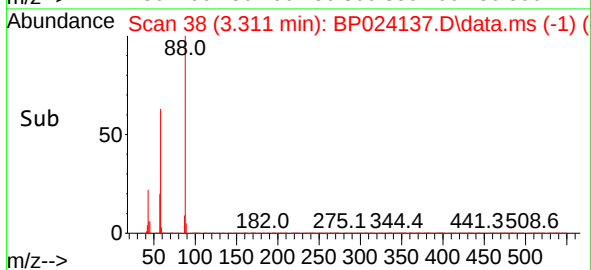
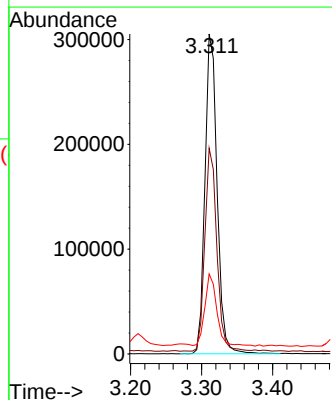
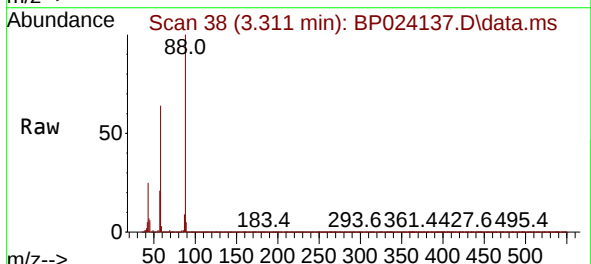
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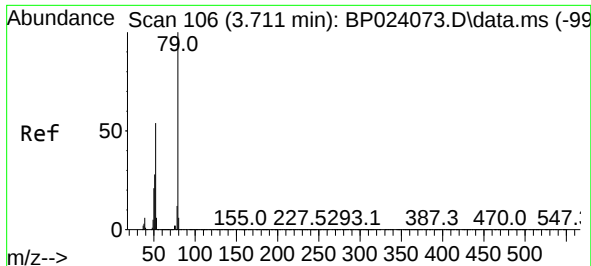
Tgt Ion:152 Resp: 428096
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.4 183.6
 115 57.2 45.0 67.6



#2
 1,4-Dioxane
 Concen: 33.749 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BP024137.D
 Acq: 28 Feb 2025 16:14

Tgt Ion: 88 Resp: 363228
 Ion Ratio Lower Upper
 88 100
 58 62.4 49.1 73.7
 43 22.2 18.0 27.0





#3

Pyridine

Concen: 33.598 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

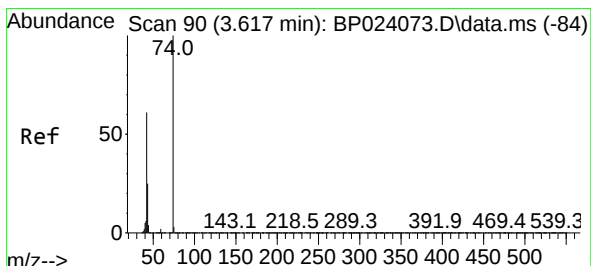
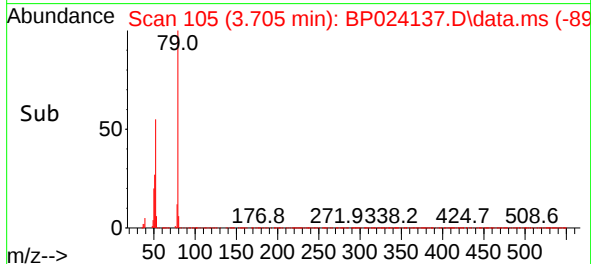
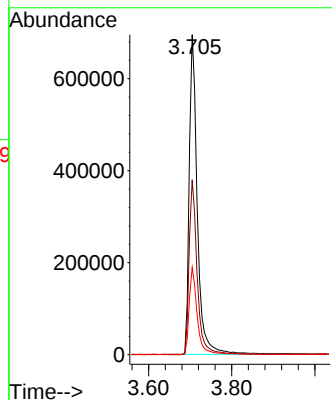
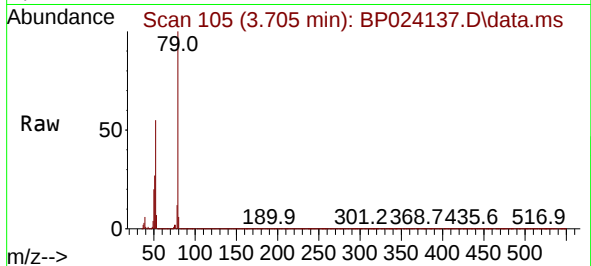
Tgt Ion: 79 Resp: 940133

Ion Ratio Lower Upper

79 100

52 54.7 43.5 65.3

51 27.3 22.2 33.4



#4

n-Nitrosodimethylamine

Concen: 38.637 ng

RT: 3.611 min Scan# 89

Delta R.T. -0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

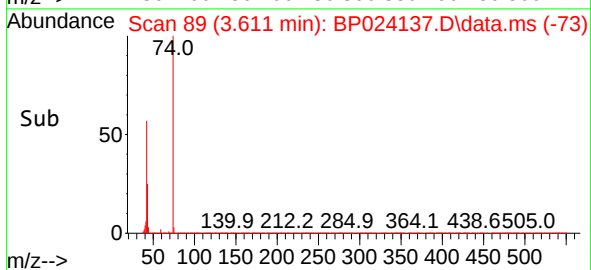
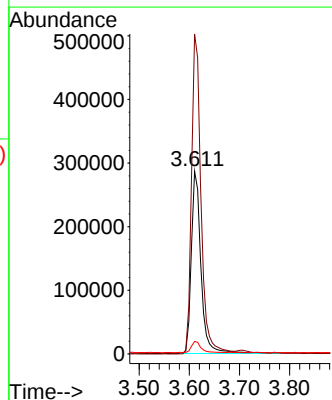
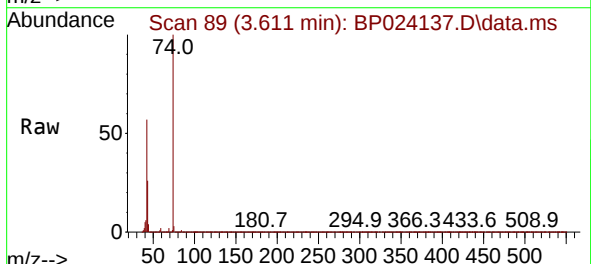
Tgt Ion: 42 Resp: 383494

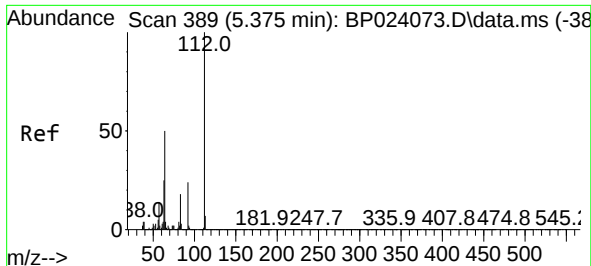
Ion Ratio Lower Upper

42 100

74 175.2 132.0 198.0

44 6.9 5.3 7.9

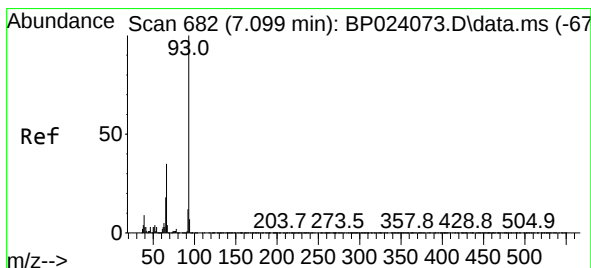
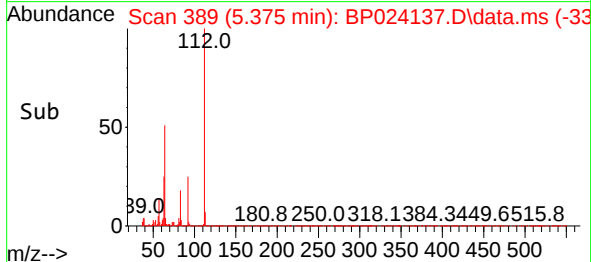
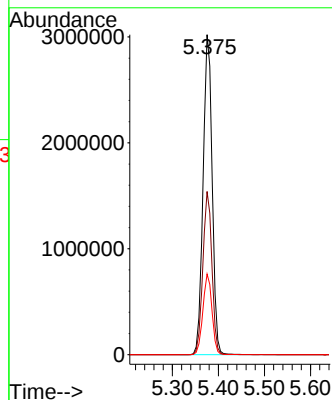
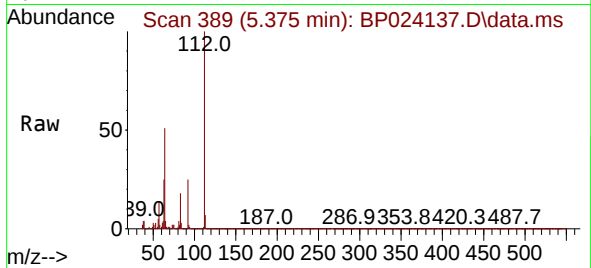




#5
2-Fluorophenol
Concen: 151.725 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

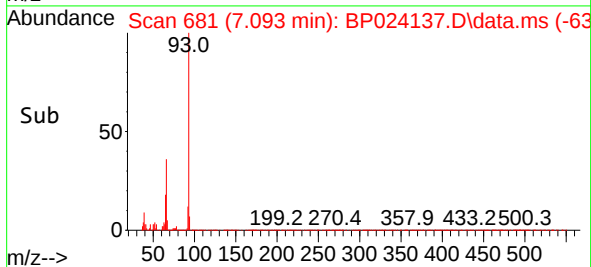
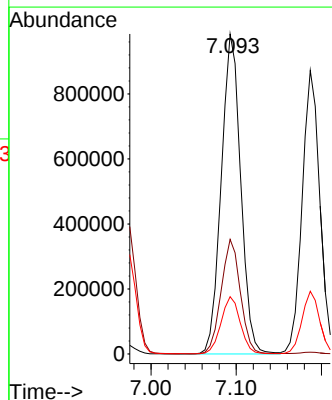
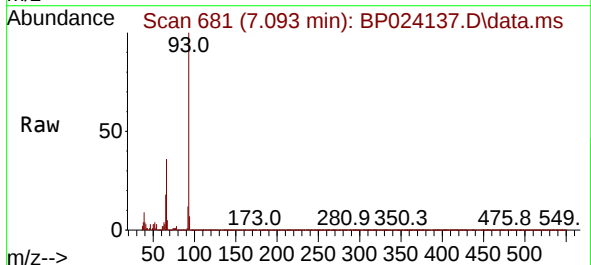
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

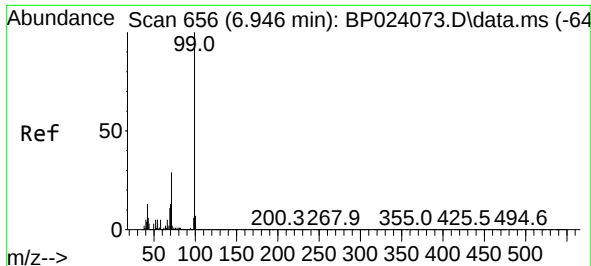
Tgt Ion:112 Resp: 4162692
Ion Ratio Lower Upper
112 100
64 51.0 39.6 59.4
63 25.2 20.3 30.5



#6
Aniline
Concen: 48.303 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 93 Resp: 1559847
Ion Ratio Lower Upper
93 100
66 35.8 28.2 42.4
65 17.9 14.1 21.1



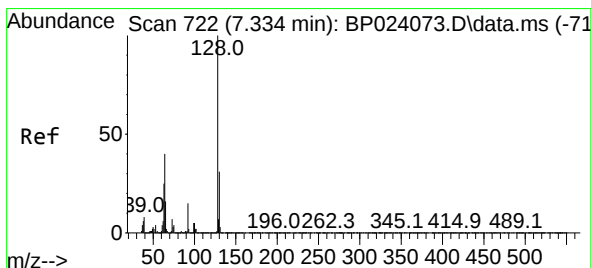
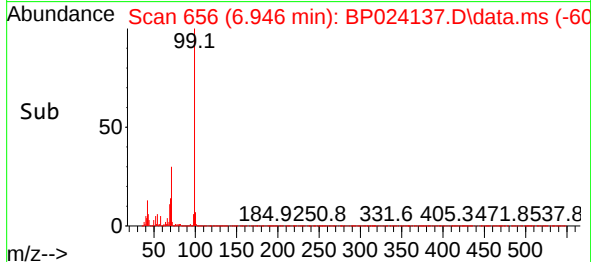
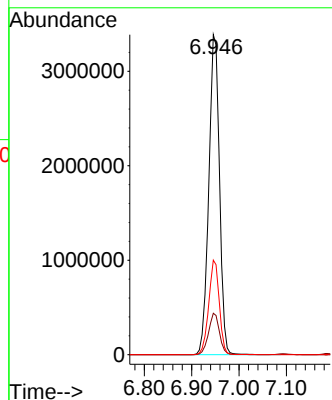
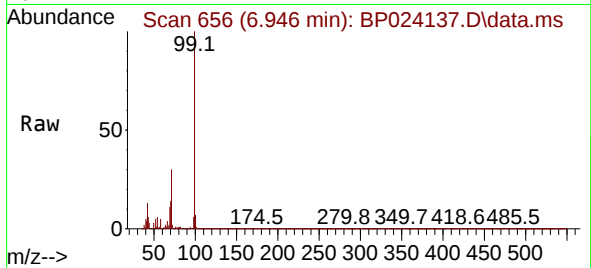


#7
Phenol-d6
Concen: 150.533 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PB166907BSD

Tgt Ion: 99 Resp: 5308119

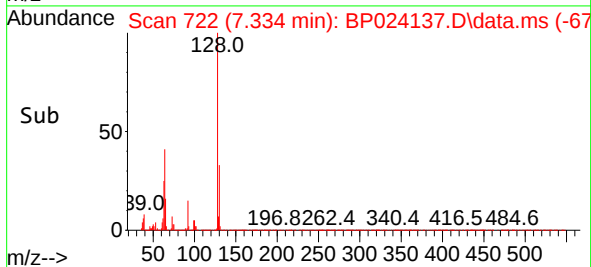
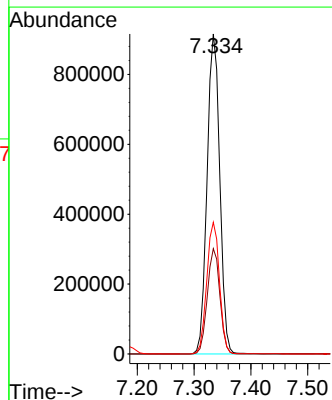
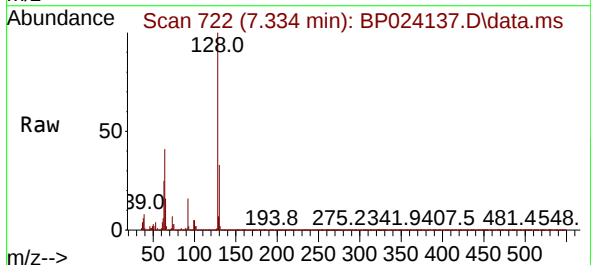
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.3	15.5
71	29.5	22.9	34.3

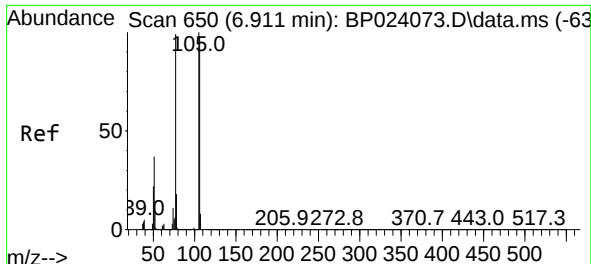


#8
2-Chlorophenol
Concen: 48.632 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 128 Resp: 1412221

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.5	51.5
64	41.1	19.8	59.8

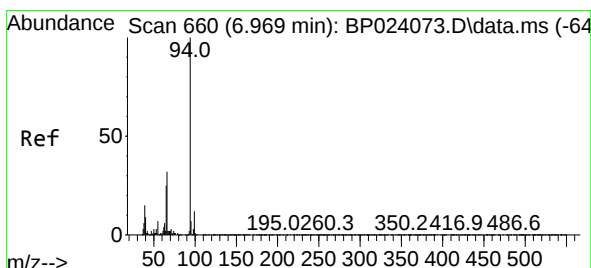
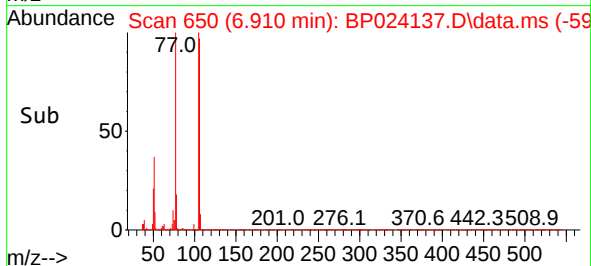
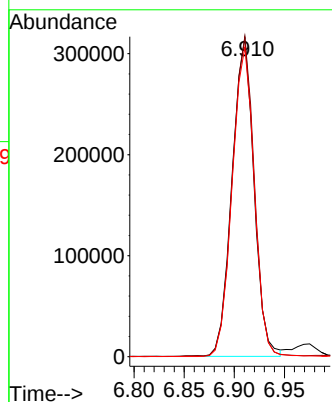
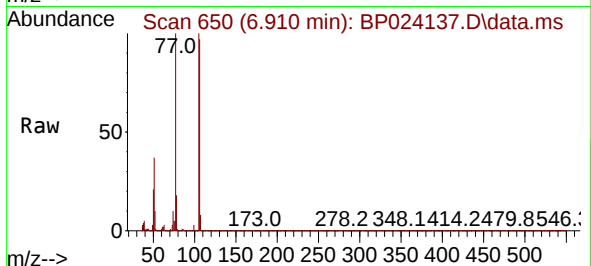




#9
Benzaldehyde
Concen: 29.838 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

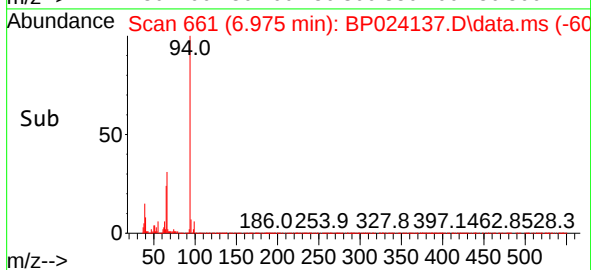
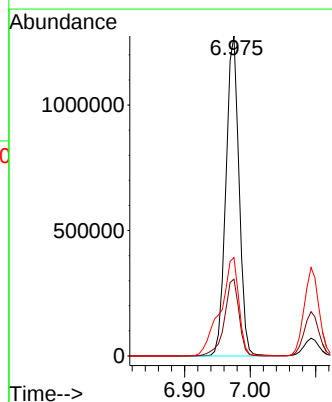
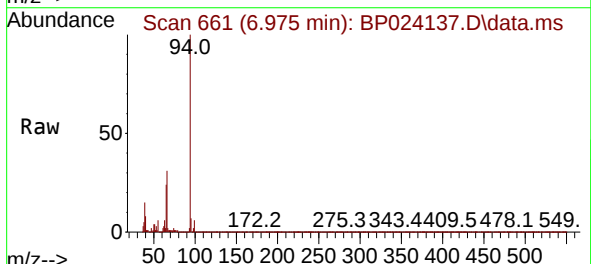
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

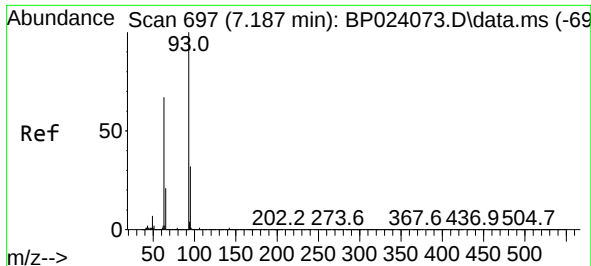
Tgt Ion: 77 Resp: 480366
Ion Ratio Lower Upper
77 100
105 100.3 81.4 121.4
106 97.0 79.0 119.0



#10
Phenol
Concen: 49.733 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 94 Resp: 1763479
Ion Ratio Lower Upper
94 100
65 24.0 5.0 45.0
66 30.8 11.6 51.6

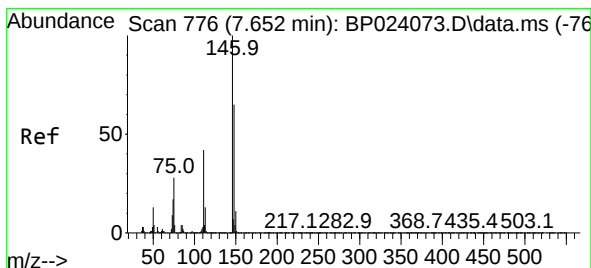
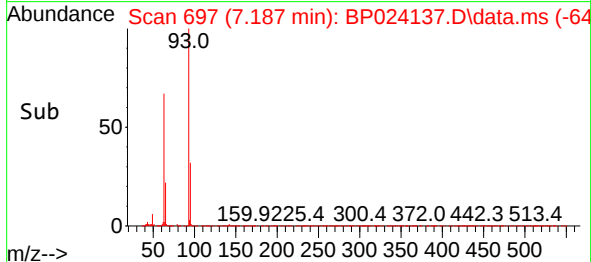
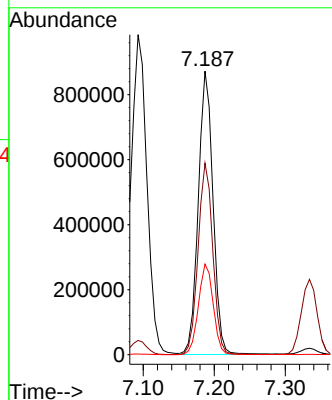
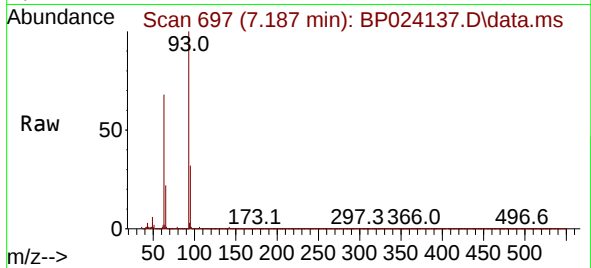




#11
bis(2-Chloroethyl)ether
Concen: 45.178 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

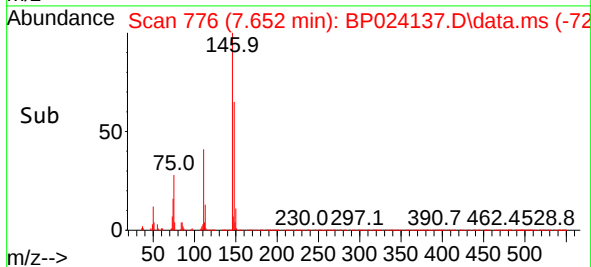
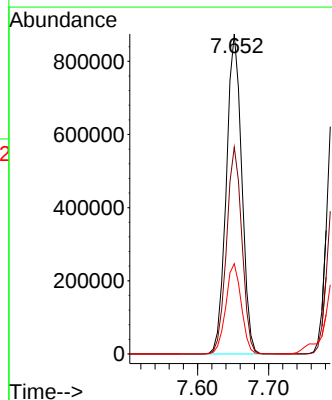
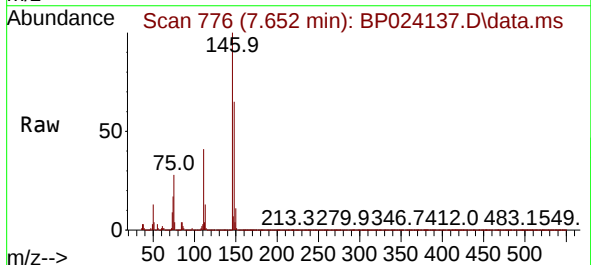
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

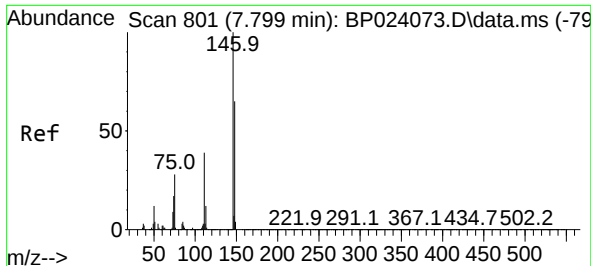
Tgt Ion: 93 Resp: 1261733
Ion Ratio Lower Upper
93 100
63 67.5 46.5 86.5
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.126 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:146 Resp: 1312003
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.2 22.6 33.8

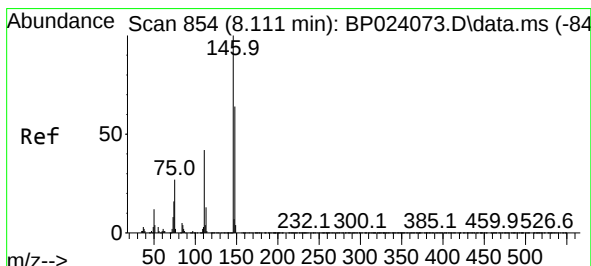
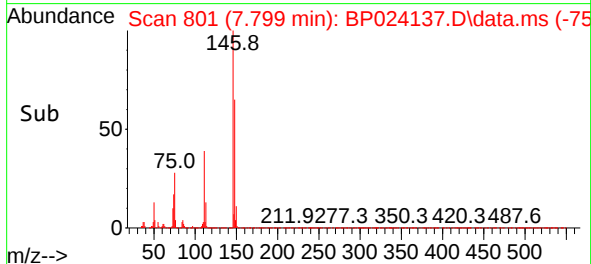
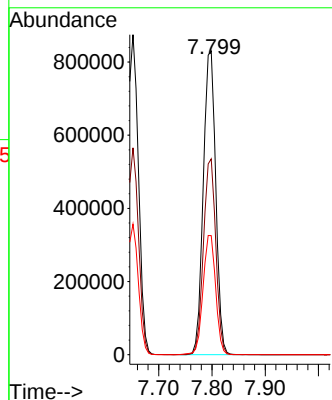
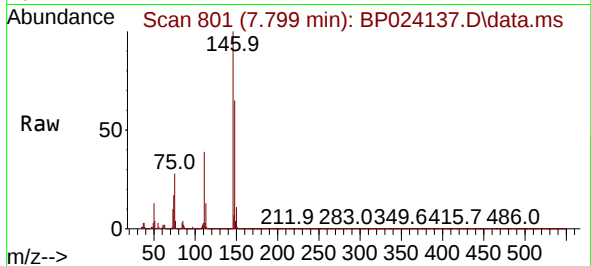




#13
1,4-Dichlorobenzene
Concen: 41.743 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

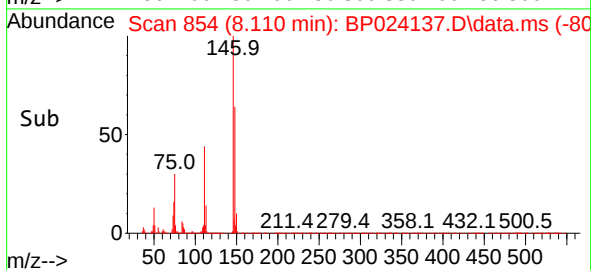
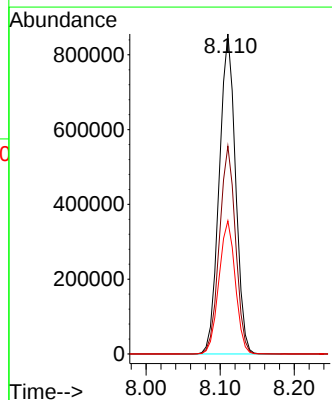
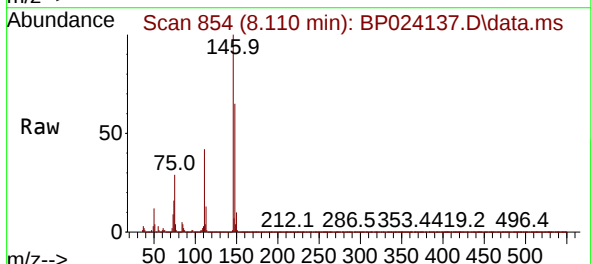
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

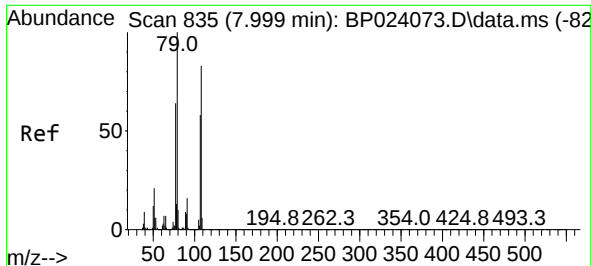
Tgt Ion:146 Resp: 1346738
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 39.2 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 42.256 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:146 Resp: 1308355
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
111 41.6 33.4 50.0

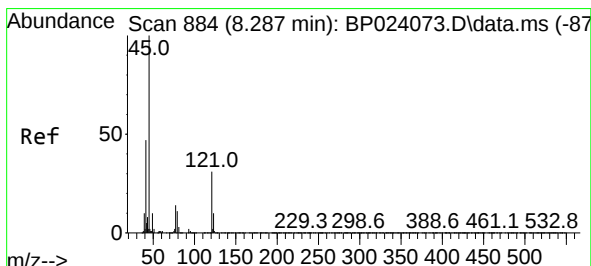
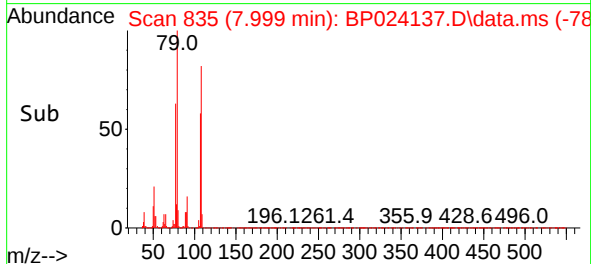
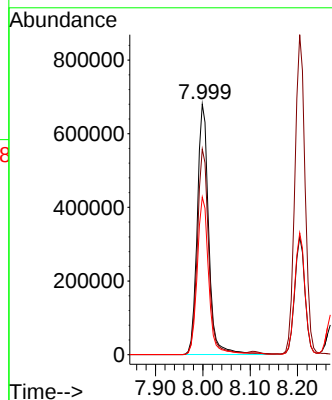
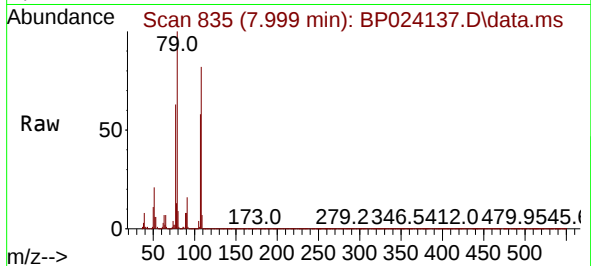




#15
Benzyl Alcohol
Concen: 53.148 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

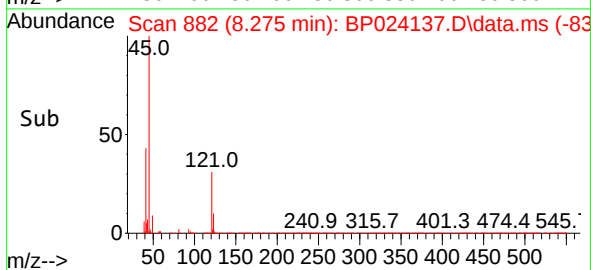
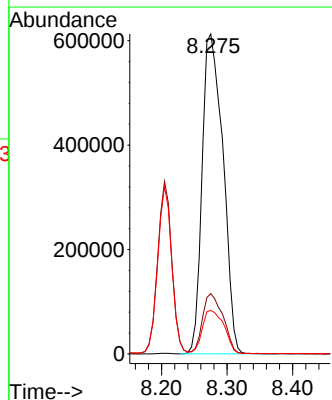
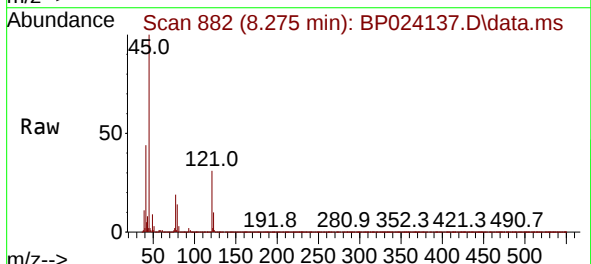
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

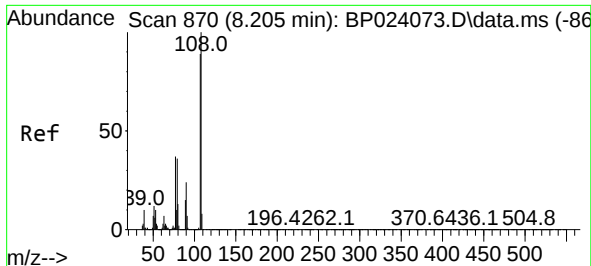
Tgt Ion: 79 Resp: 1147170
Ion Ratio Lower Upper
79 100
108 82.1 66.4 99.6
77 62.9 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.940 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 45 Resp: 1353932
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.8
79 13.6 0.0 35.4



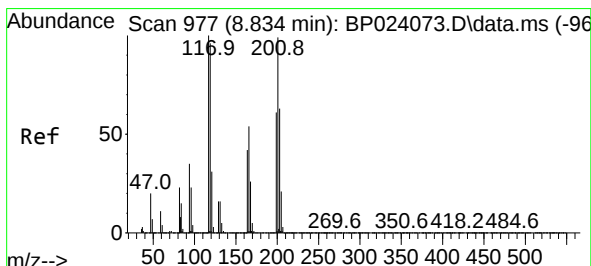
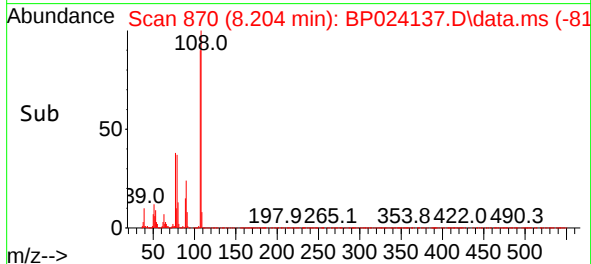
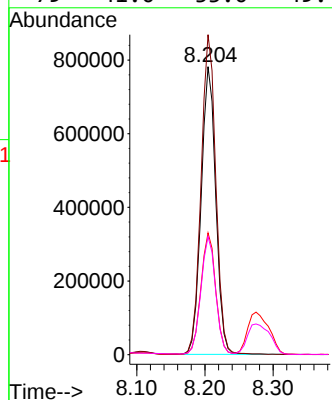
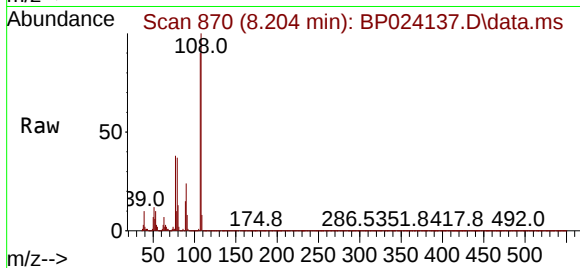


#17
2-Methylphenol
Concen: 53.743 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PB166907BSD

Tgt Ion:107 Resp: 1161291

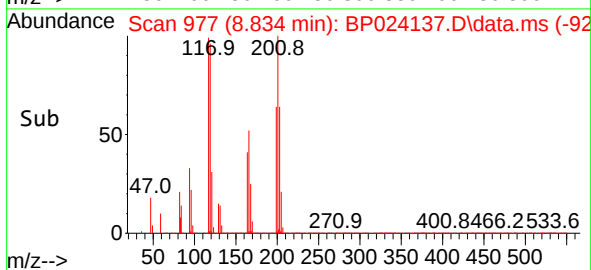
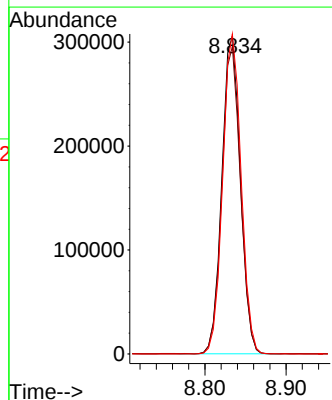
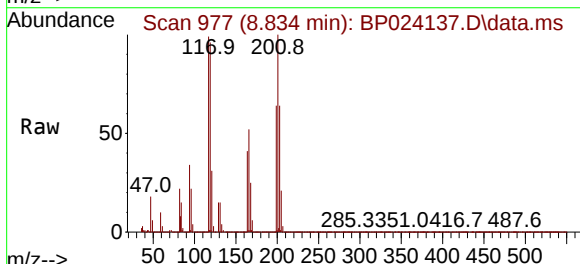
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.0	135.0
77	42.3	33.8	50.6
79	41.0	33.0	49.4

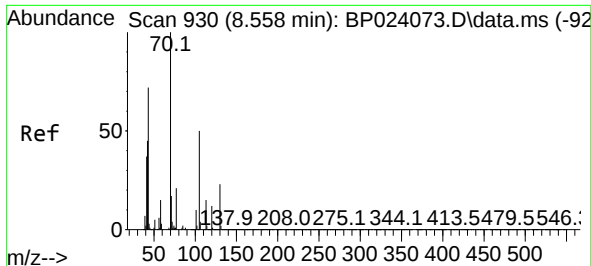


#18
Hexachloroethane
Concen: 41.841 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:117 Resp: 486138

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	100.6	79.4	119.2



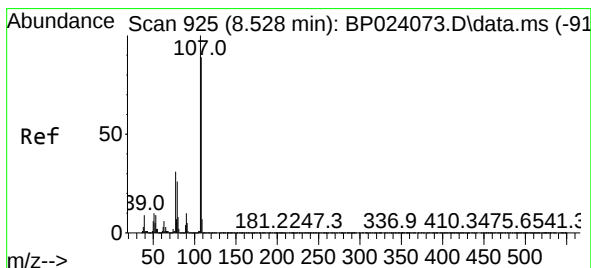
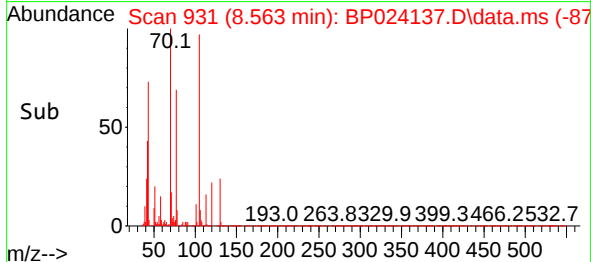
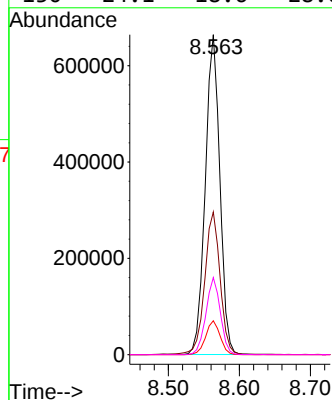
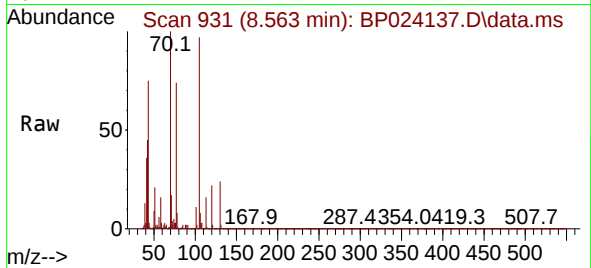


#19
n-Nitroso-di-n-propylamine
Concen: 49.981 ng
RT: 8.563 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PB166907BSD

Tgt Ion: 70 Resp: 947624

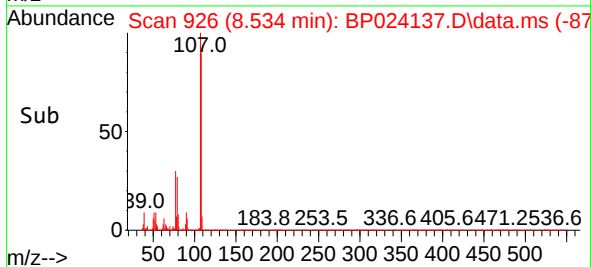
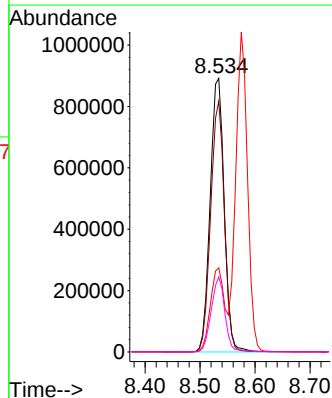
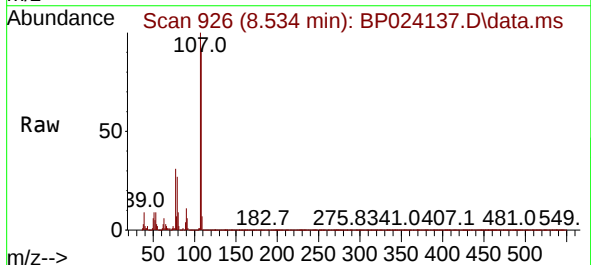
Ion	Ratio	Lower	Upper
70	100		
42	44.6	36.6	54.8
101	10.6	8.2	12.2
130	24.1	18.6	28.0

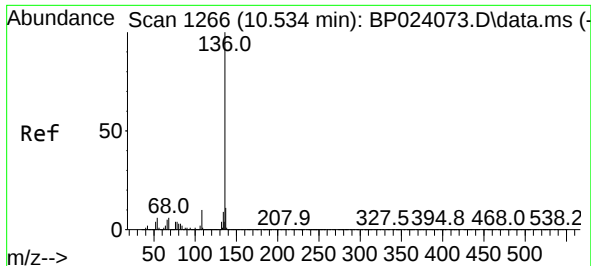


#20
3+4-Methylphenols
Concen: 53.806 ng
RT: 8.534 min Scan# 926
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 107 Resp: 1581663

Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.5	108.5
77	30.8	10.7	50.7
79	27.4	6.1	46.1

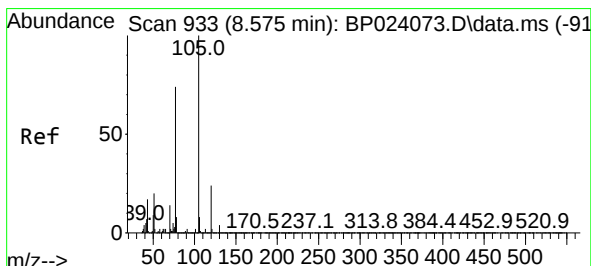
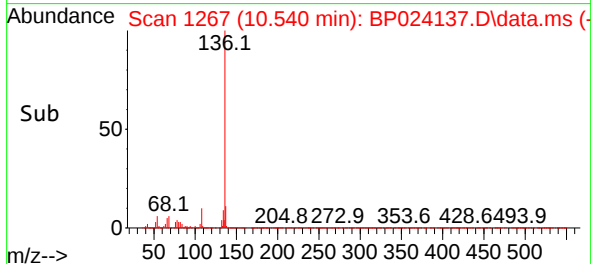
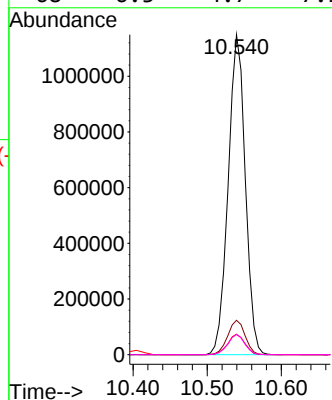
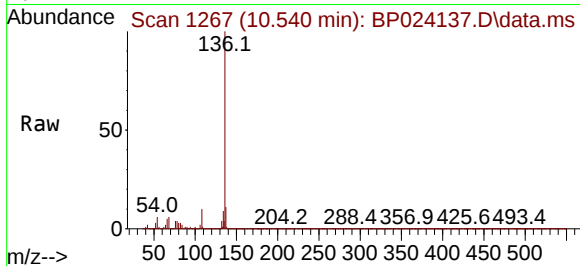




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

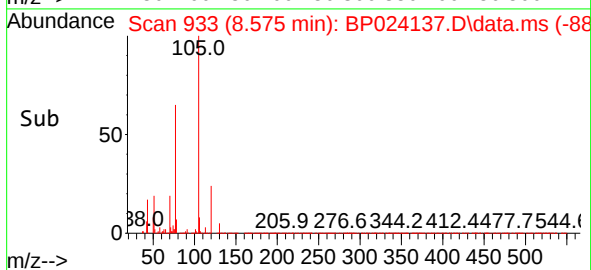
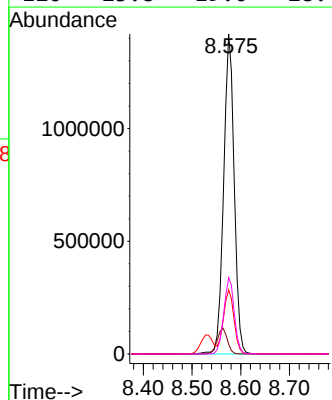
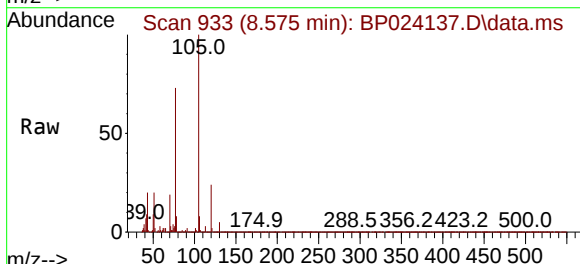
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

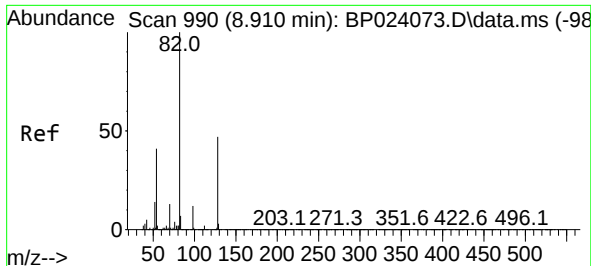
Tgt Ion:136 Resp: 1842676
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 4.9 7.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 45.326 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:105 Resp: 2146292
Ion Ratio Lower Upper
105 100
71 3.1 1.9 2.9#
51 20.0 16.3 24.5
120 23.8 19.0 28.4

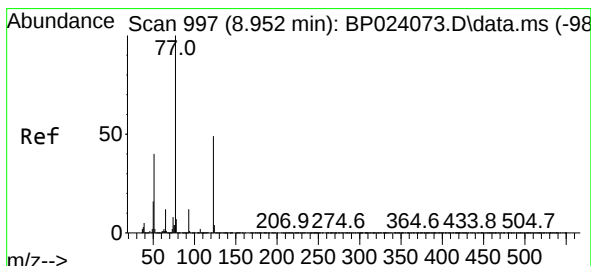
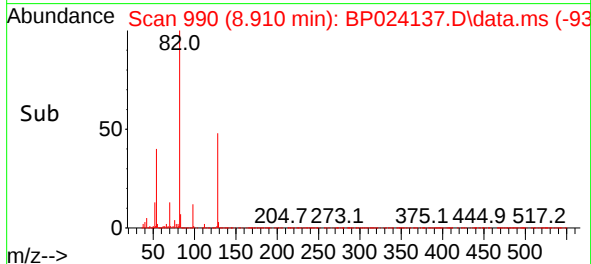
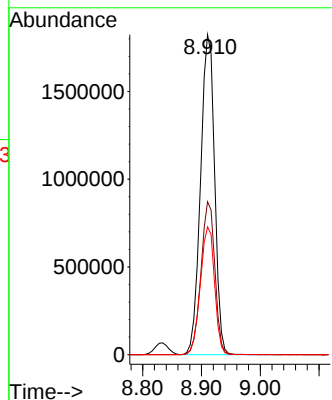
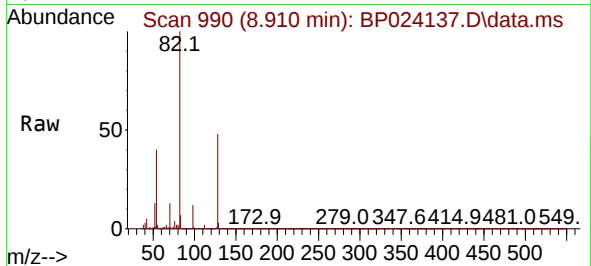




#23
Nitrobenzene-d5
Concen: 91.706 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

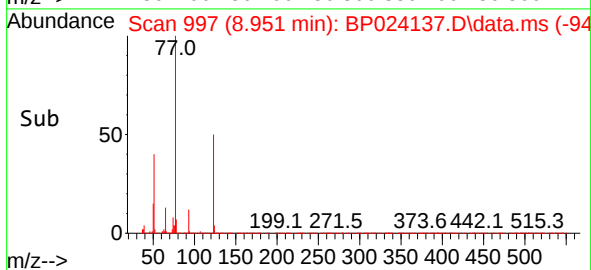
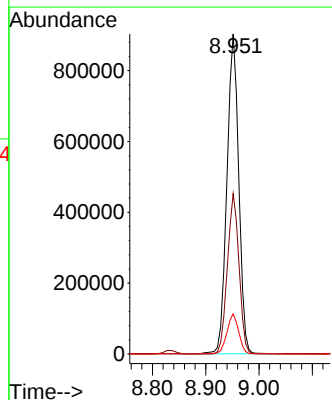
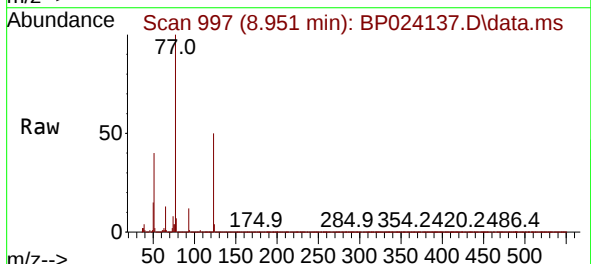
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

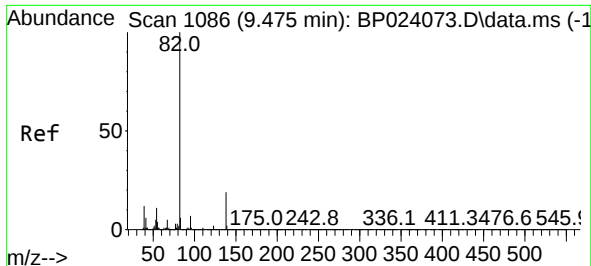
Tgt Ion: 82 Resp: 3028989
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.2
54 39.9 32.4 48.6



#24
Nitrobenzene
Concen: 42.750 ng
RT: 8.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 77 Resp: 1389627
Ion Ratio Lower Upper
77 100
123 50.1 39.4 59.2
65 12.6 9.9 14.9

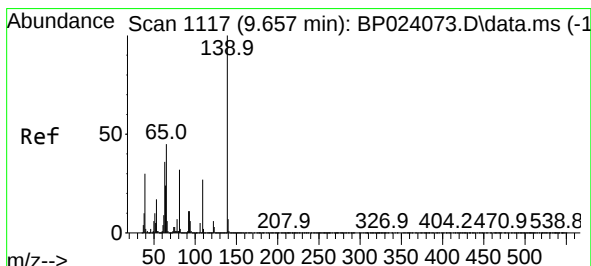
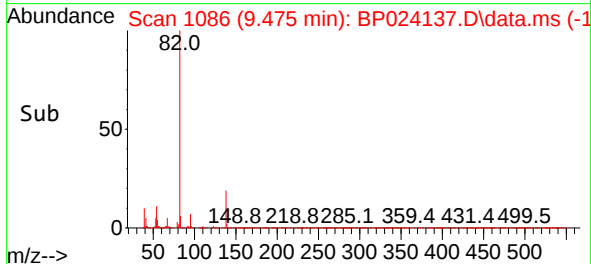
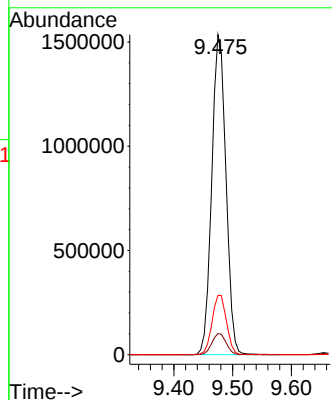
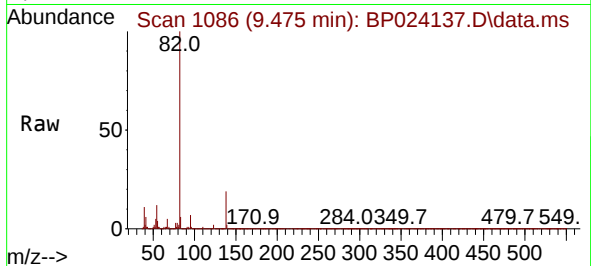




#25
Isophorone
Concen: 47.711 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

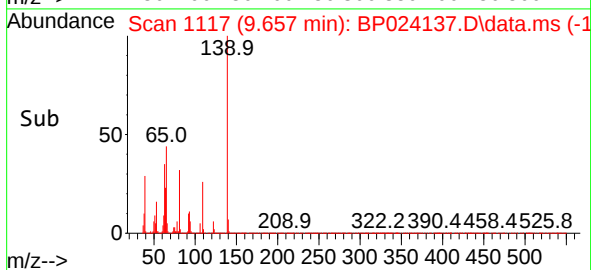
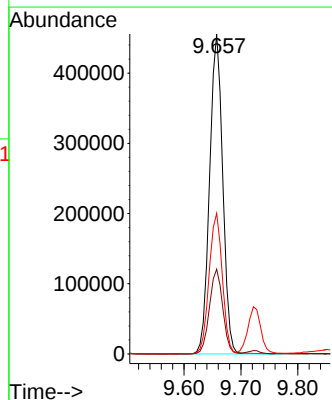
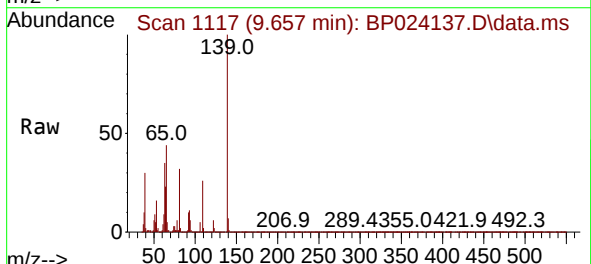
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

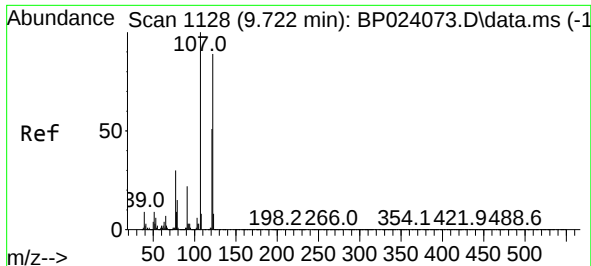
Tgt Ion: 82 Resp: 2576985
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.6 15.3 22.9



#26
2-Nitrophenol
Concen: 48.583 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 139 Resp: 727574
Ion Ratio Lower Upper
139 100
109 26.5 21.7 32.5
65 44.0 36.1 54.1

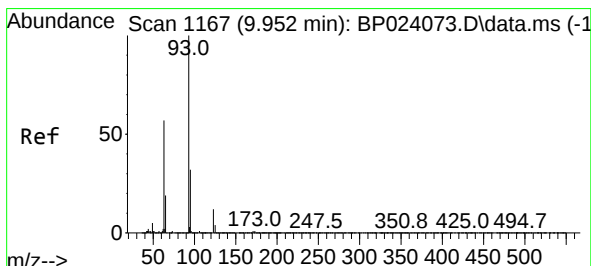
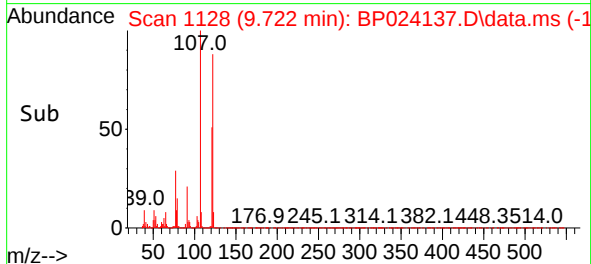
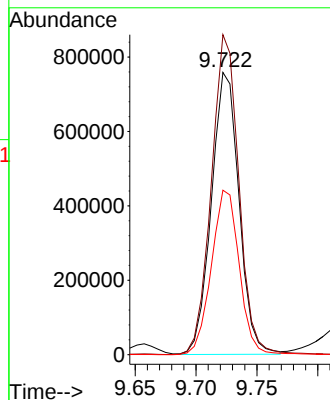
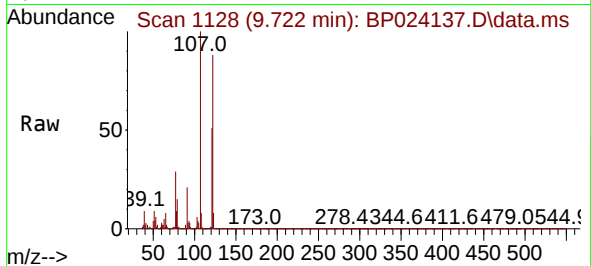




#27
2,4-Dimethylphenol
Concen: 60.932 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

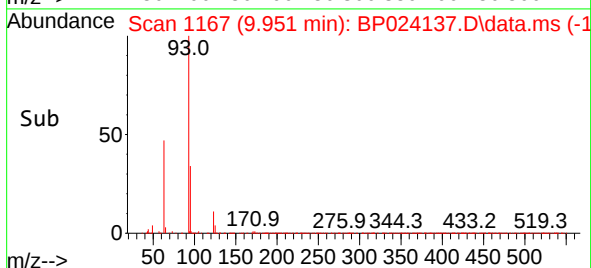
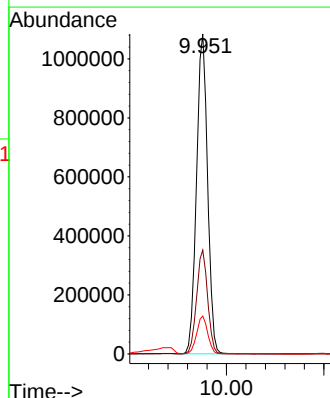
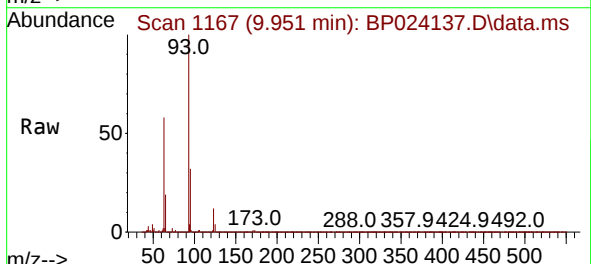
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

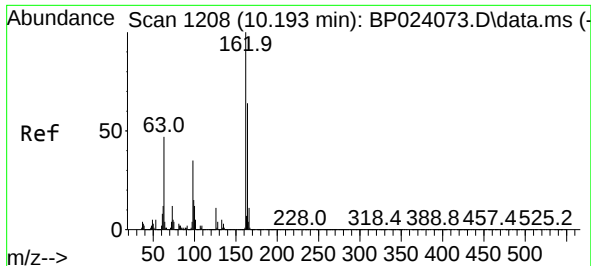
Tgt Ion:122 Resp: 1197830
Ion Ratio Lower Upper
122 100
107 113.4 89.8 134.8
121 58.3 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.879 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 93 Resp: 1716911
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.9 9.7 14.5

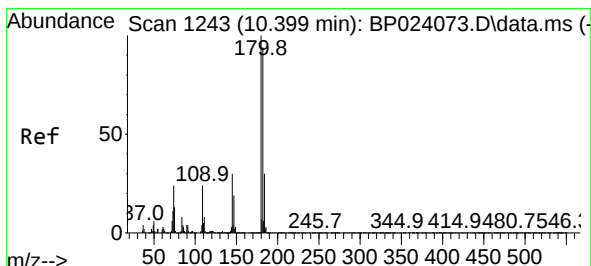
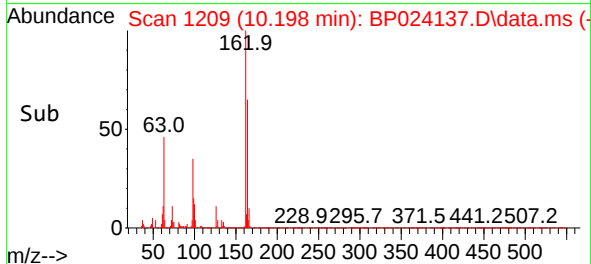
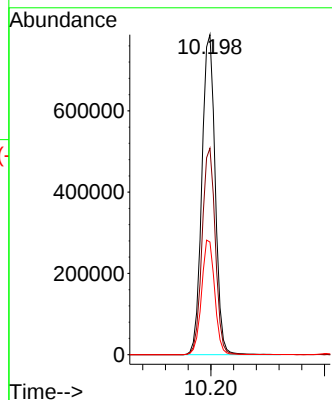
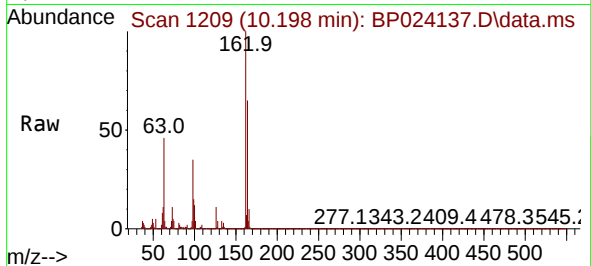




#29
2,4-Dichlorophenol
Concen: 47.603 ng
RT: 10.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

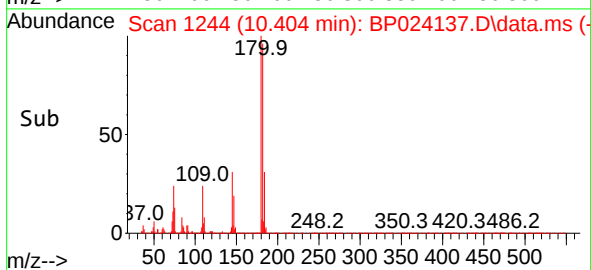
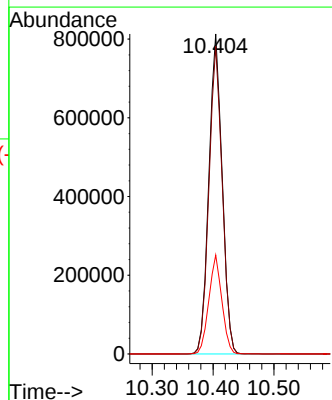
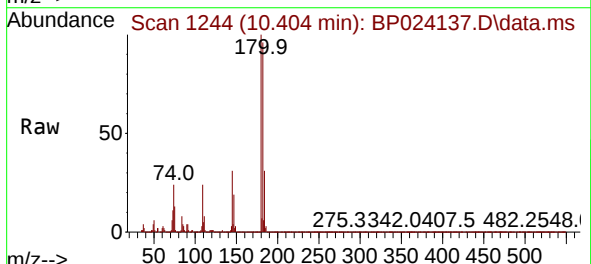
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

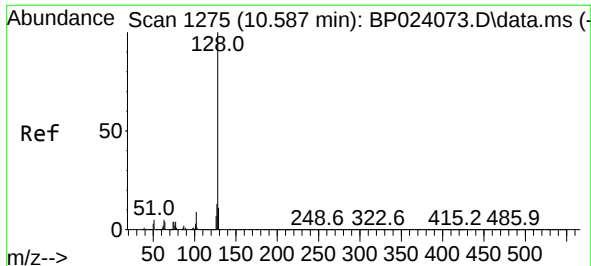
Tgt Ion:162 Resp: 1277068
Ion Ratio Lower Upper
162 100
164 64.5 44.5 84.5
98 35.2 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 40.172 ng
RT: 10.404 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:180 Resp: 1234807
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 30.9 24.0 36.0

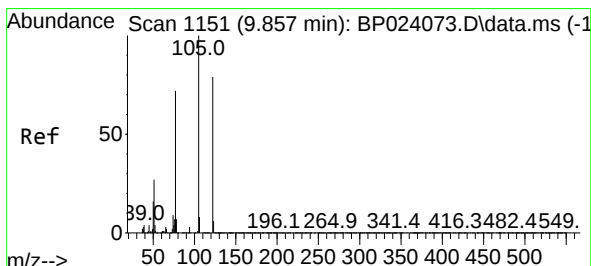
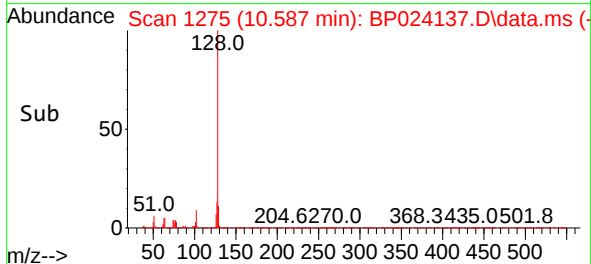
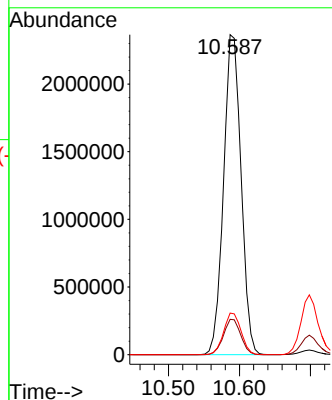
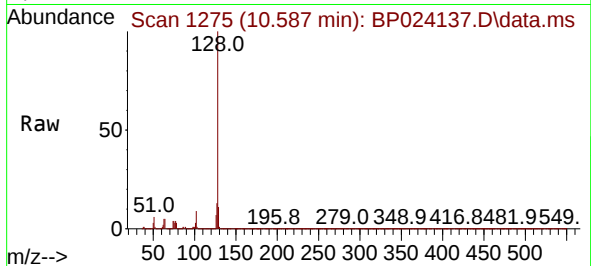




#31
Naphthalene
Concen: 40.688 ng
RT: 10.587 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

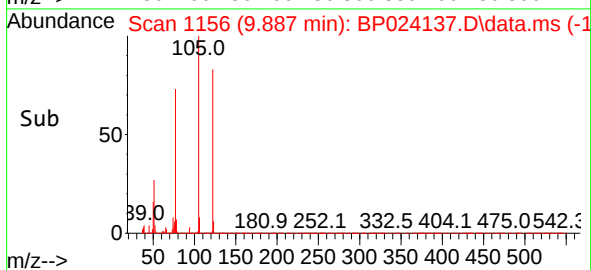
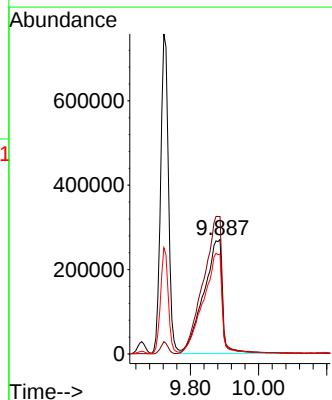
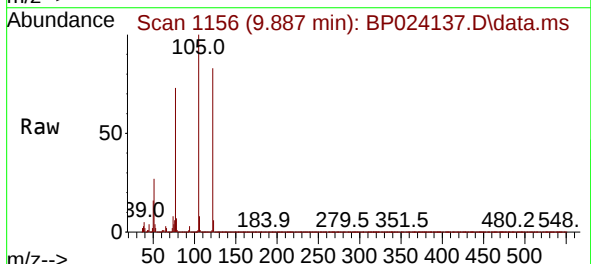
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

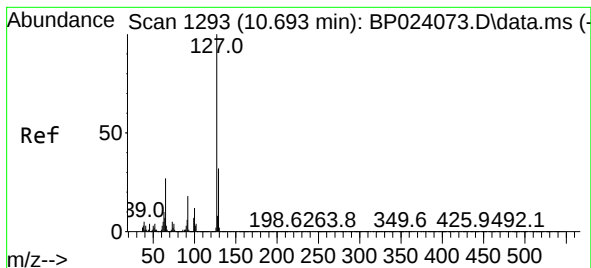
Tgt Ion:128 Resp: 4031415
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 49.533 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.030 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:122 Resp: 1027518
Ion Ratio Lower Upper
122 100
105 120.1 103.7 143.7
77 87.3 69.9 109.9





#33

4-Chloroaniline

Concen: 21.739 ng

RT: 10.698 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

Tgt Ion:127 Resp: 758784

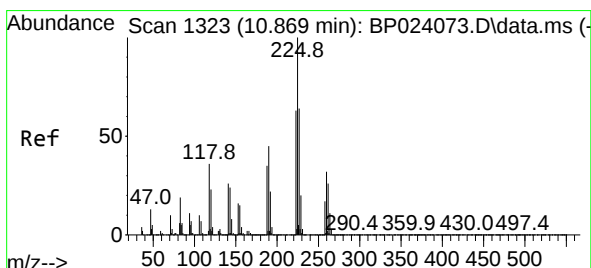
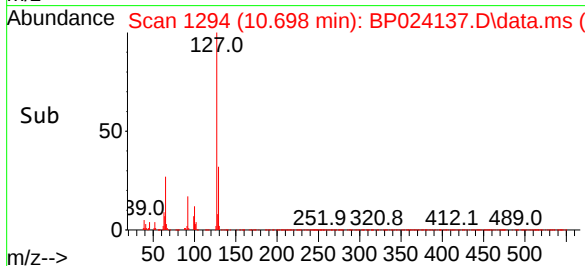
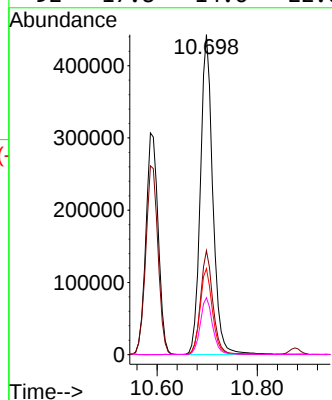
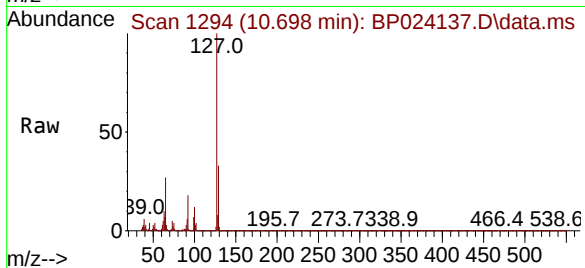
Ion Ratio Lower Upper

127 100

129 32.5 25.4 38.0

65 26.9 21.3 31.9

92 17.8 14.6 22.0



#34

Hexachlorobutadiene

Concen: 40.800 ng

RT: 10.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

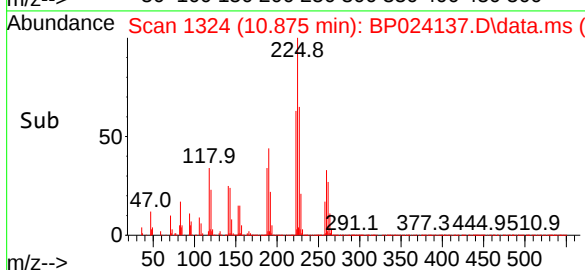
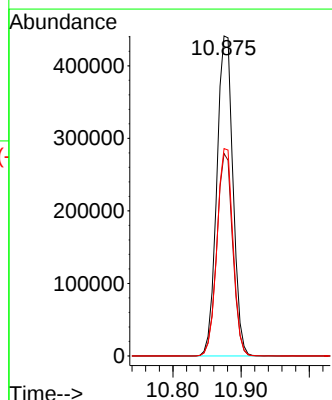
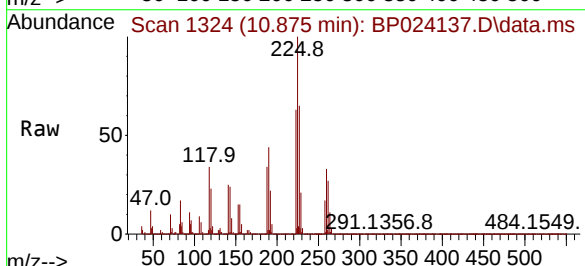
Tgt Ion:225 Resp: 726380

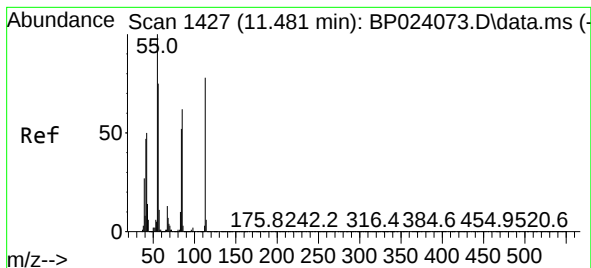
Ion Ratio Lower Upper

225 100

223 63.2 50.5 75.7

227 64.8 51.3 76.9





#35

Caprolactam

Concen: 46.727 ng

RT: 11.498 min Scan# 1427

Delta R.T. 0.017 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

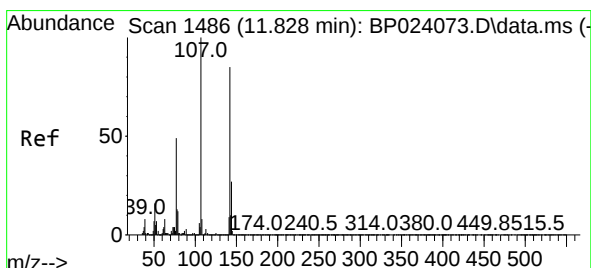
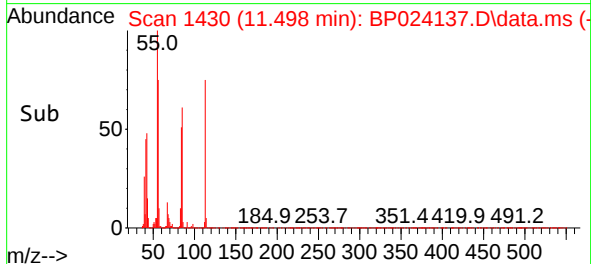
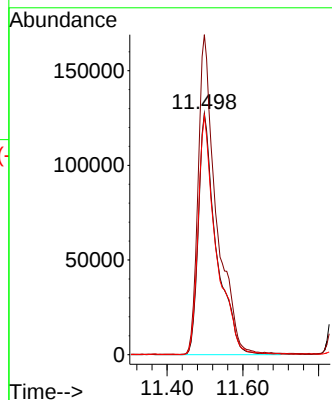
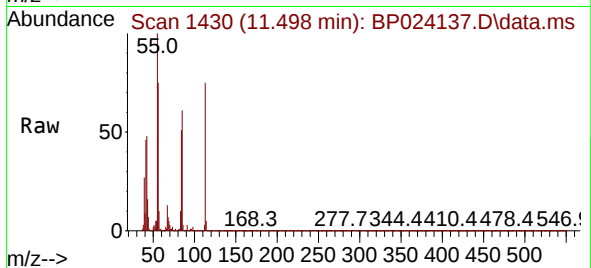
Tgt Ion:113 Resp: 420725

Ion Ratio Lower Upper

113 100

55 132.6 108.8 148.8

56 99.2 76.5 116.5



#36

4-Chloro-3-methylphenol

Concen: 47.153 ng

RT: 11.840 min Scan# 1488

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

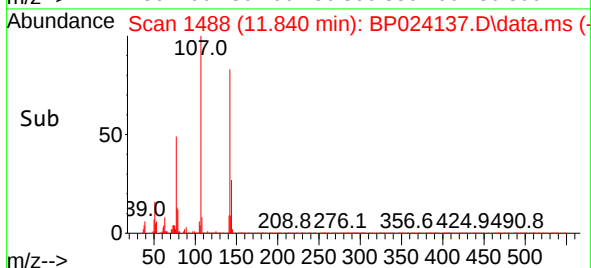
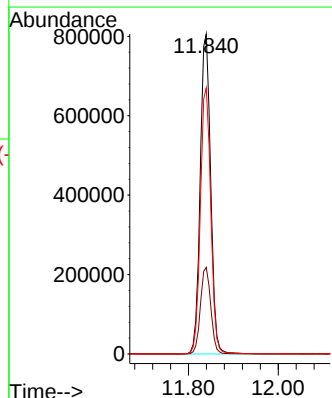
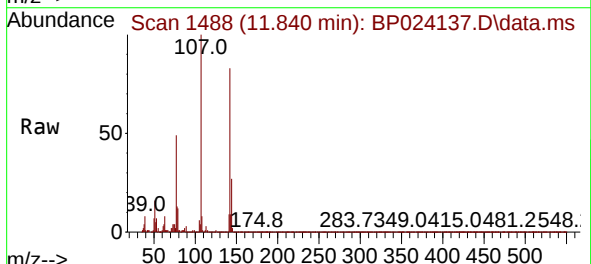
Tgt Ion:107 Resp: 1300454

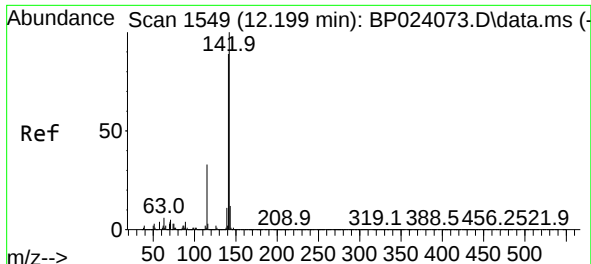
Ion Ratio Lower Upper

107 100

144 27.1 21.8 32.8

142 83.1 67.8 101.8

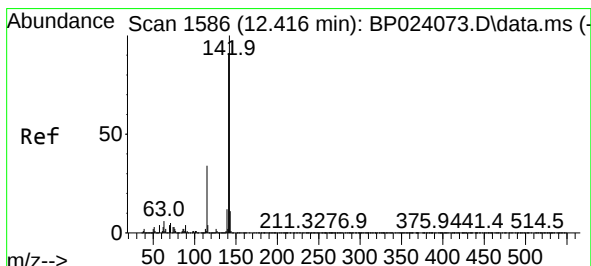
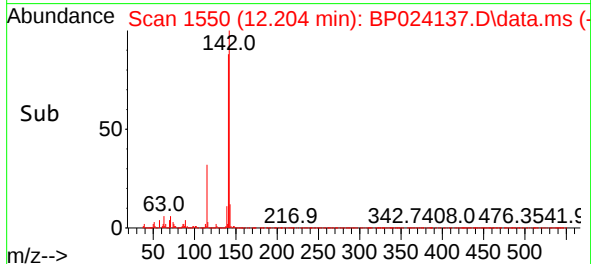
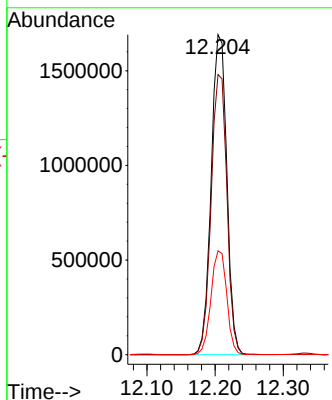
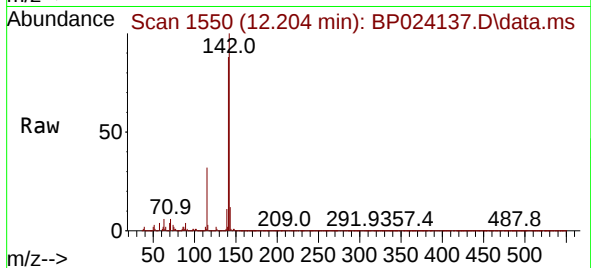




#37
2-Methylnaphthalene
Concen: 40.947 ng
RT: 12.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

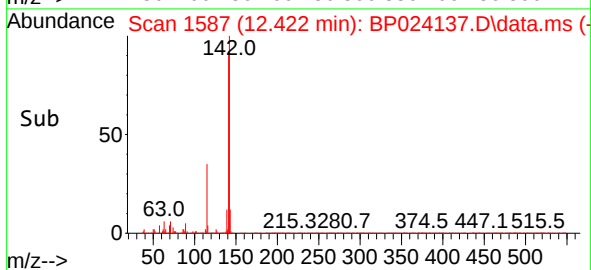
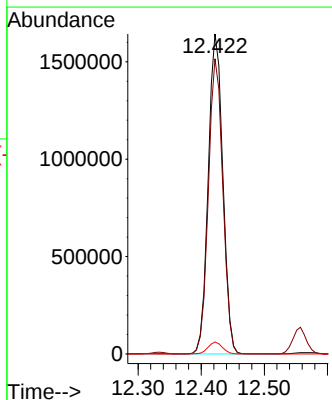
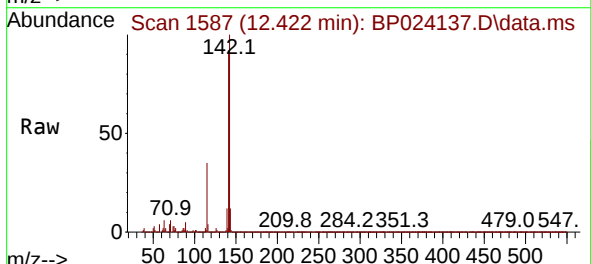
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

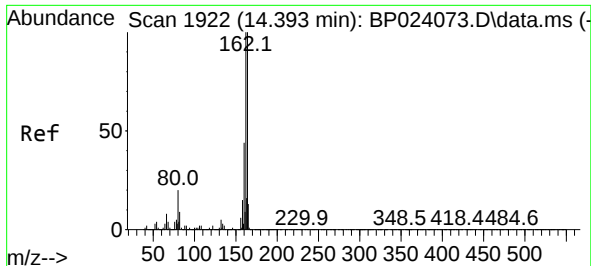
Tgt Ion:142 Resp: 2696516
Ion Ratio Lower Upper
142 100
141 87.6 71.2 106.8
115 32.4 26.5 39.7



#38
1-Methylnaphthalene
Concen: 41.047 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:142 Resp: 2629628
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6
116 3.7 2.8 4.2

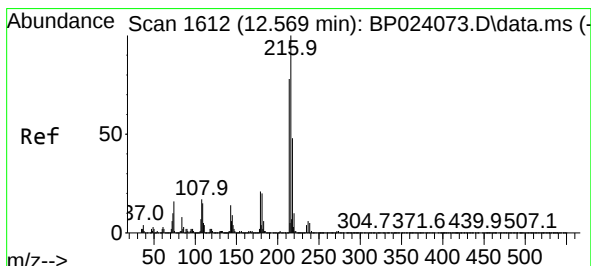
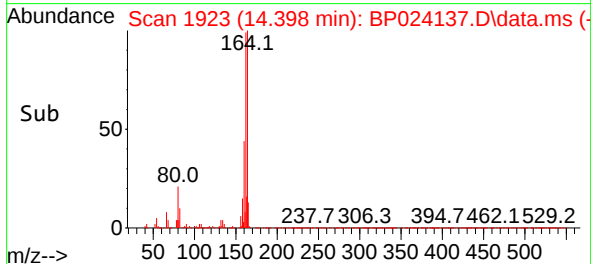
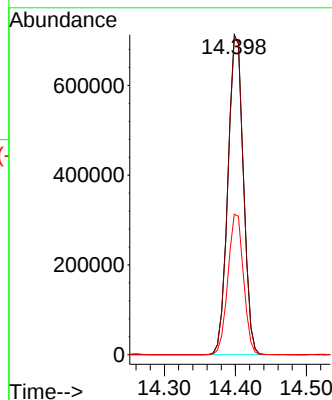
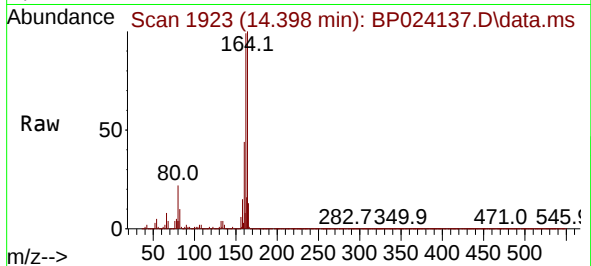




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

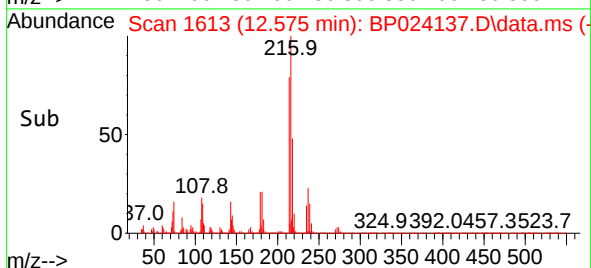
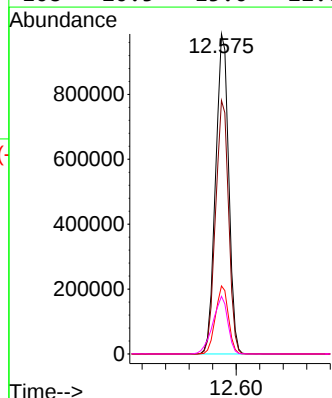
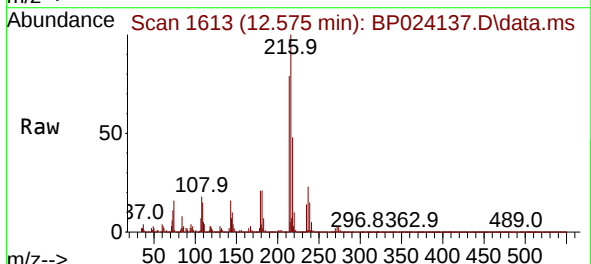
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

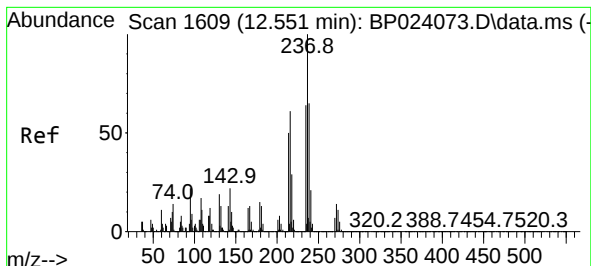
Tgt Ion:164 Resp: 1074659
Ion Ratio Lower Upper
164 100
162 98.8 80.1 120.1
160 43.9 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.143 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:216 Resp: 1523602
Ion Ratio Lower Upper
216 100
214 78.9 62.7 94.1
179 21.0 16.6 25.0
108 20.5 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 136.255 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

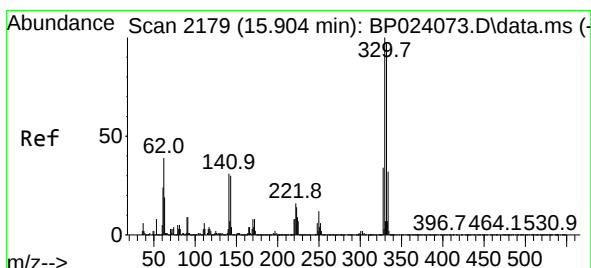
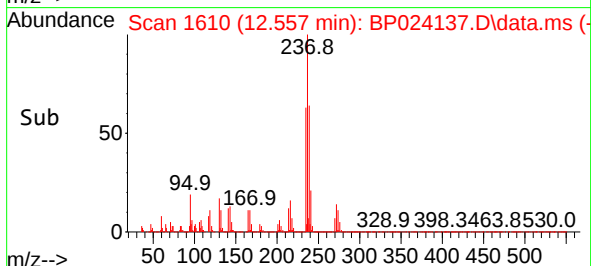
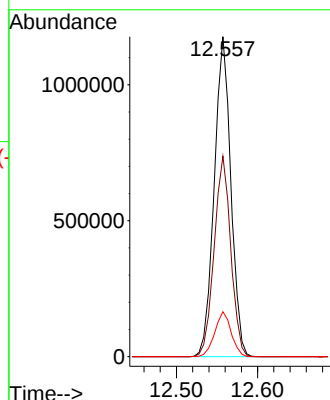
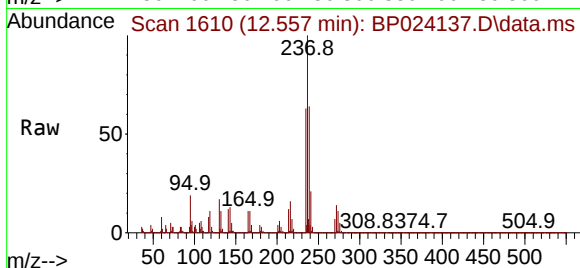
Tgt Ion:237 Resp: 1674154

Ion Ratio Lower Upper

237 100

235 62.7 43.5 83.5

272 14.0 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 147.805 ng

RT: 15.916 min Scan# 2181

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

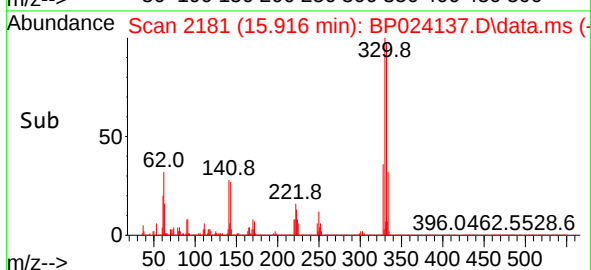
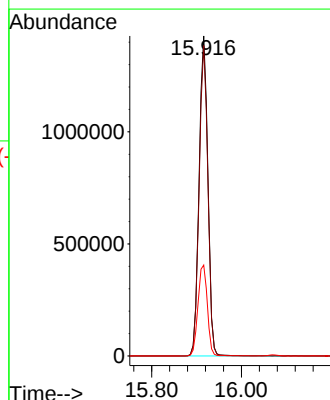
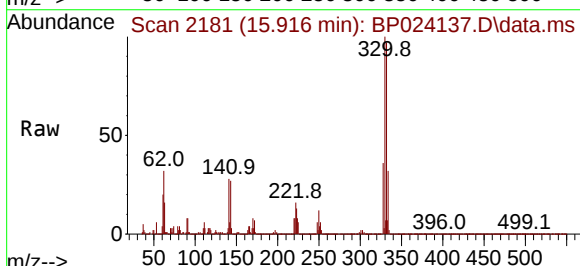
Tgt Ion:330 Resp: 1945610

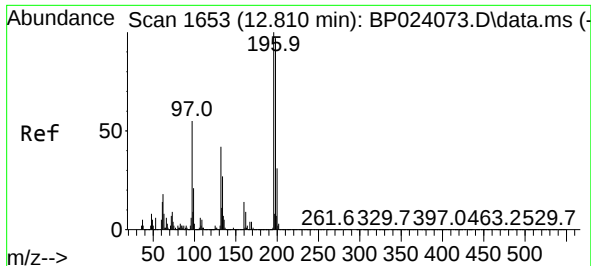
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 30.1 28.3 42.5

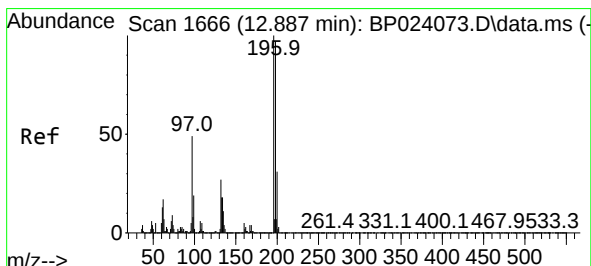
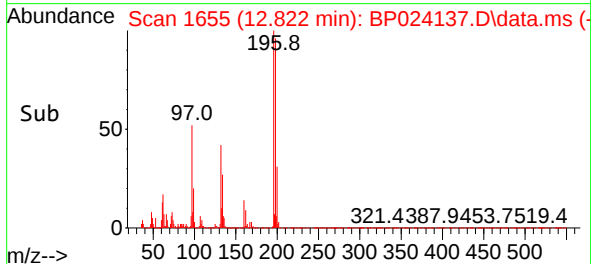
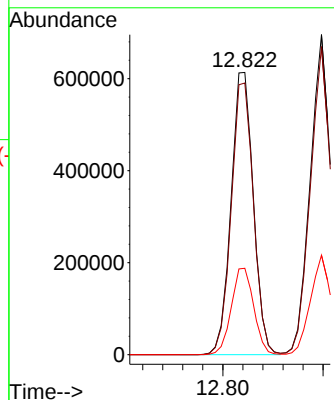
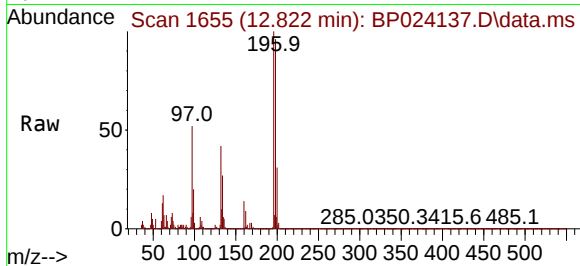




#43
2,4,6-Trichlorophenol
Concen: 47.127 ng
RT: 12.822 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

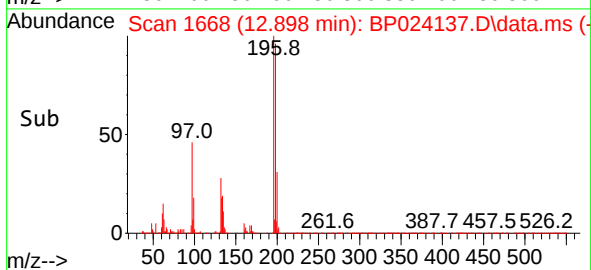
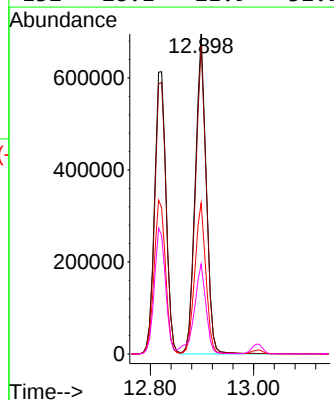
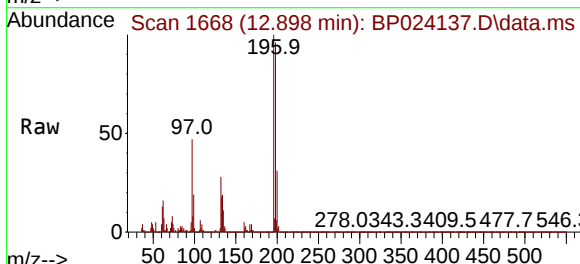
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

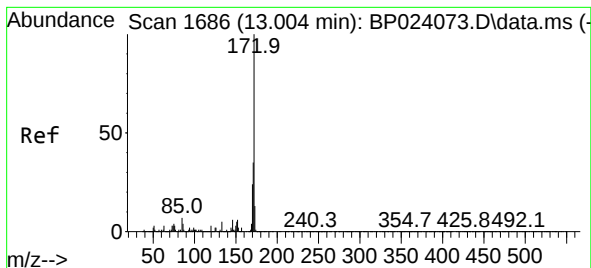
Tgt Ion:196 Resp: 949004
Ion Ratio Lower Upper
196 100
198 96.2 77.8 116.6
200 30.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 46.461 ng
RT: 12.898 min Scan# 1668
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:196 Resp: 1023197
Ion Ratio Lower Upper
196 100
198 96.2 77.4 116.2
97 47.2 39.0 58.4
132 28.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 89.263 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

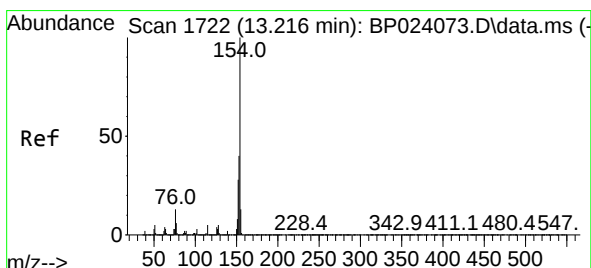
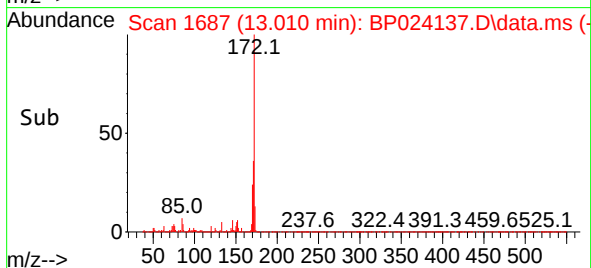
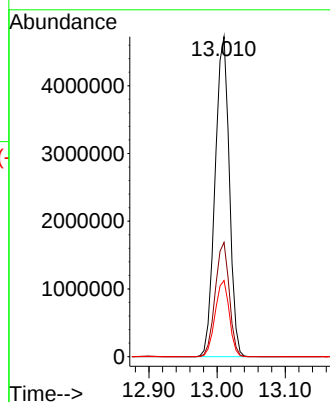
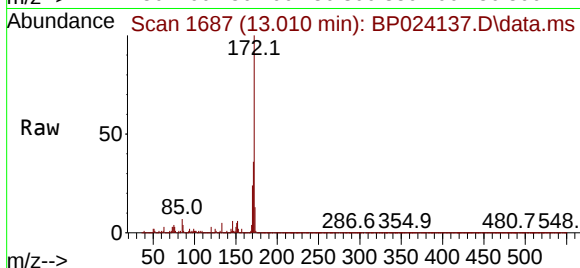
Tgt Ion:172 Resp: 6861743

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.473 ng

RT: 13.222 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

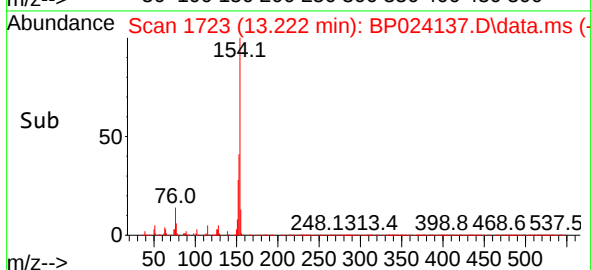
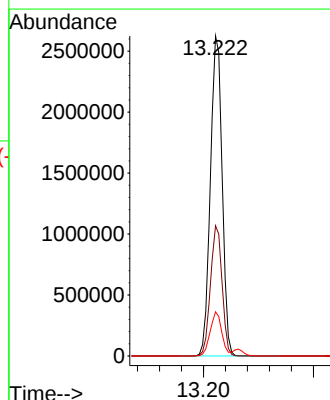
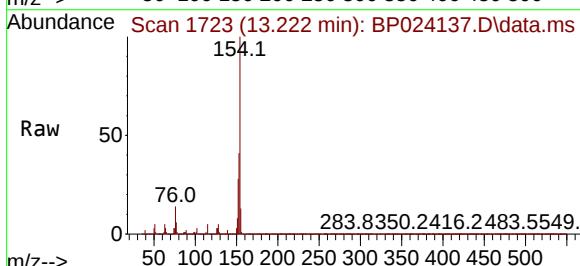
Tgt Ion:154 Resp: 3880890

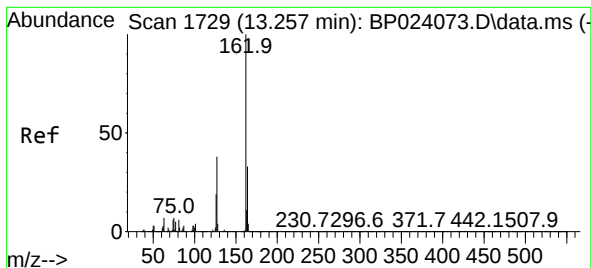
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

76 13.8 0.0 32.6

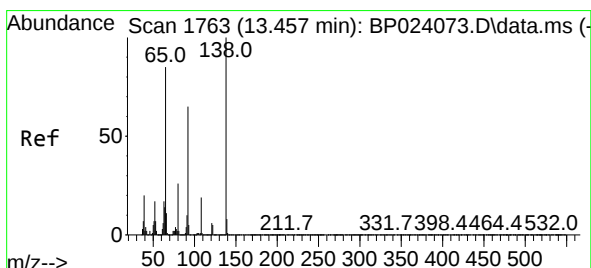
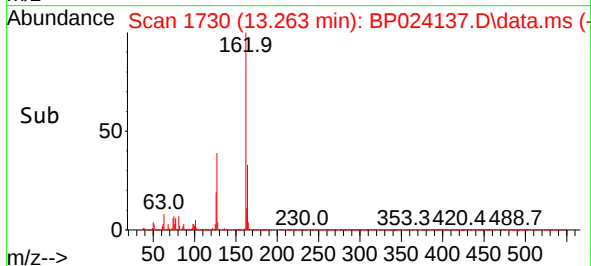
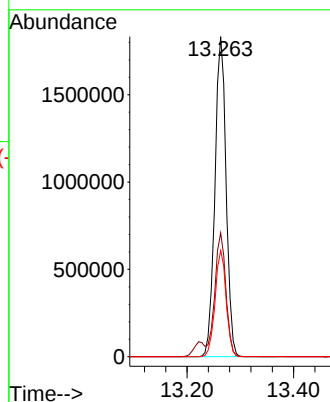
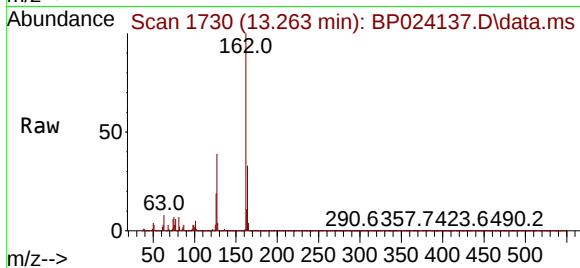




#47
2-Chloronaphthalene
Concen: 42.332 ng
RT: 13.263 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

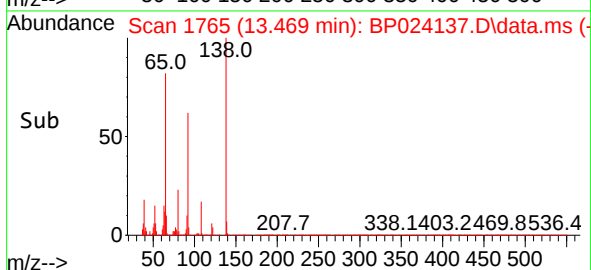
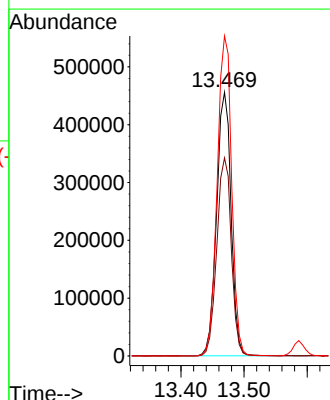
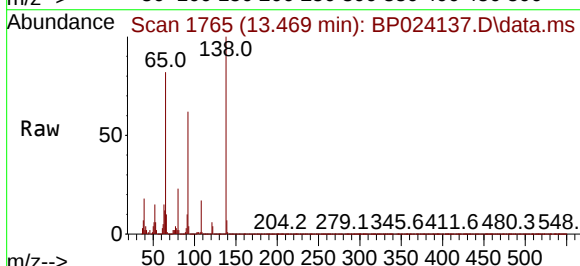
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

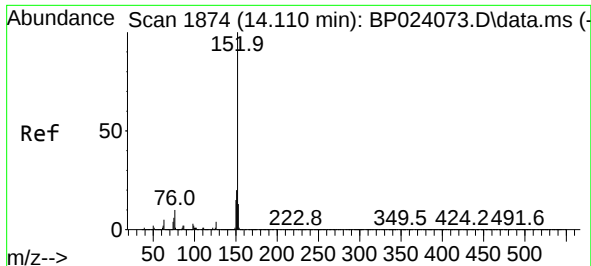
Tgt Ion:162 Resp: 2672300
Ion Ratio Lower Upper
162 100
127 38.7 30.7 46.1
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 48.553 ng
RT: 13.469 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 65 Resp: 724018
Ion Ratio Lower Upper
65 100
92 75.2 61.7 92.5
138 121.4 94.6 142.0

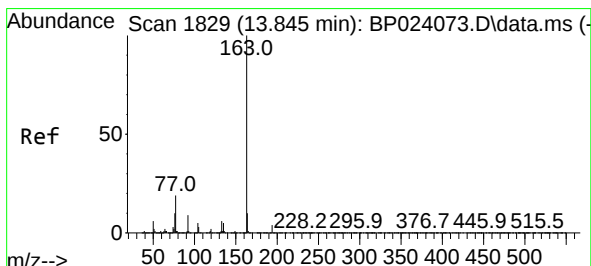
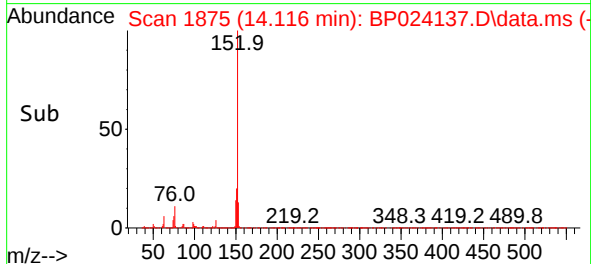
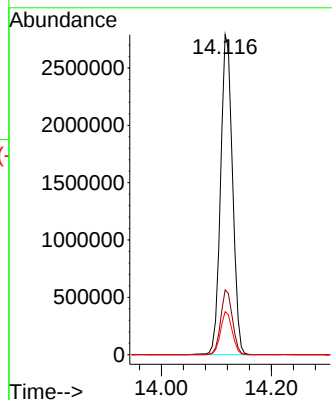
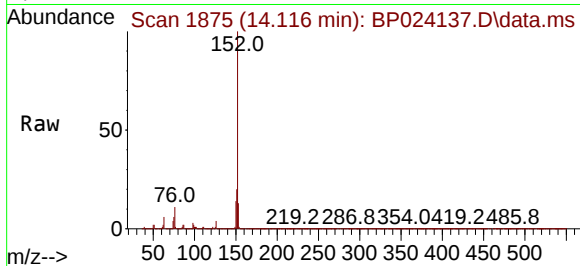




#49
Acenaphthylene
Concen: 45.075 ng
RT: 14.116 min Scan# 1874
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

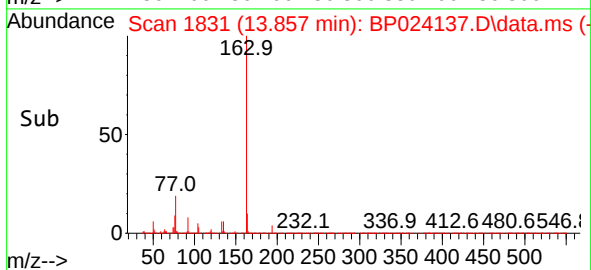
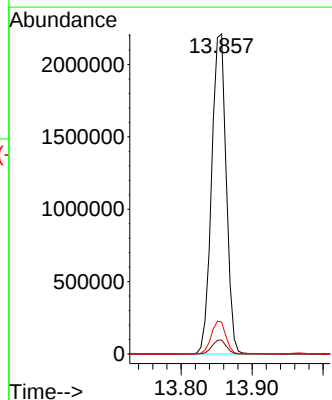
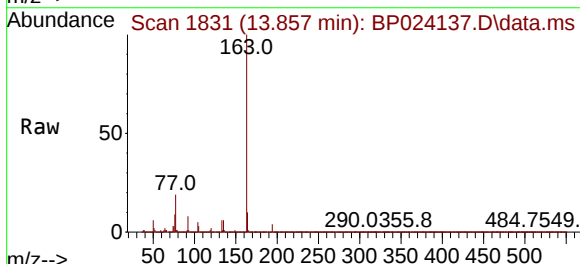
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

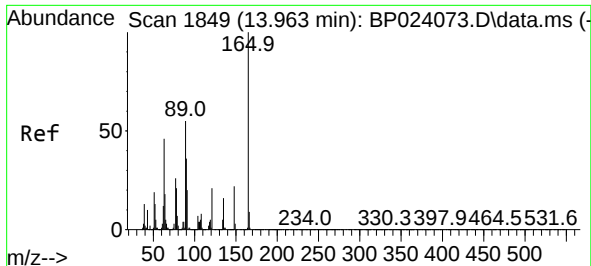
Tgt Ion:152 Resp: 4192271
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 41.622 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:163 Resp: 3155170
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.9 8.1 12.1

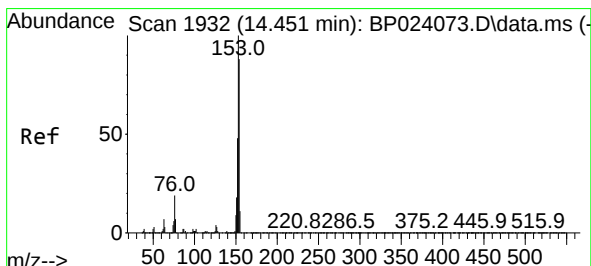
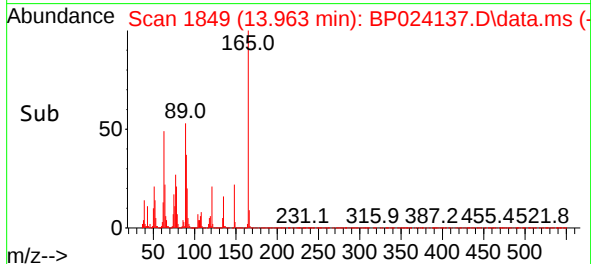
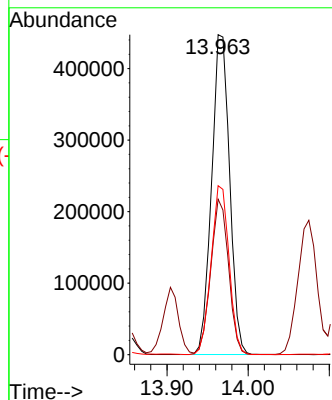
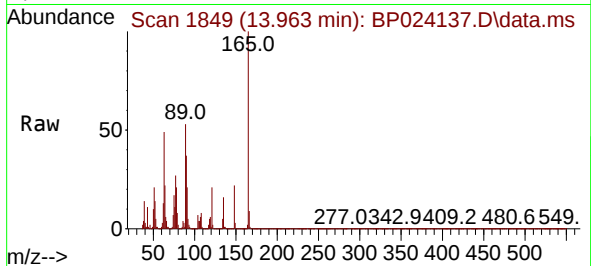




#51
2,6-Dinitrotoluene
Concen: 44.618 ng
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

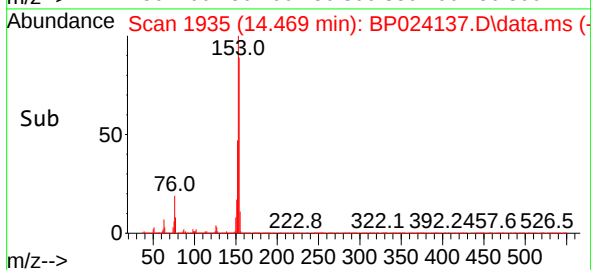
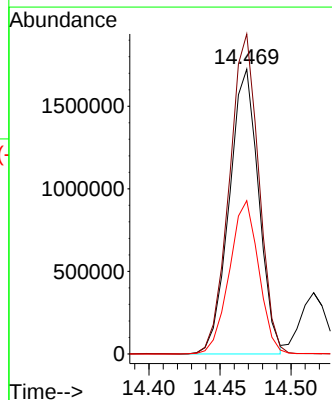
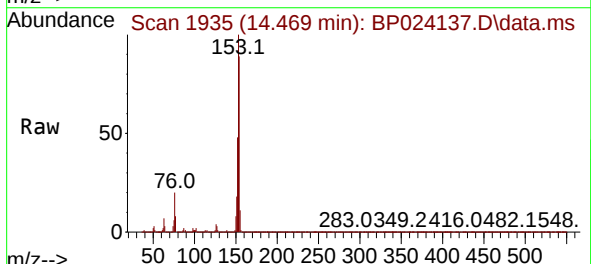
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

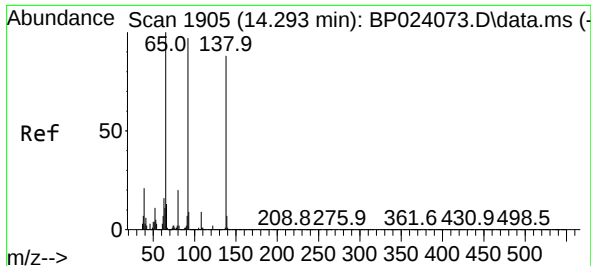
Tgt Ion:165 Resp: 688985
Ion Ratio Lower Upper
165 100
63 48.6 40.1 60.1
89 52.8 44.2 66.4



#52
Acenaphthene
Concen: 41.571 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:154 Resp: 2489842
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 53.8 43.6 65.4

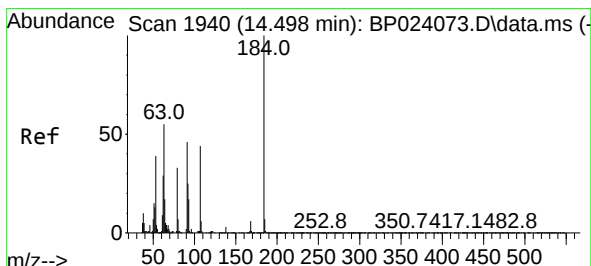
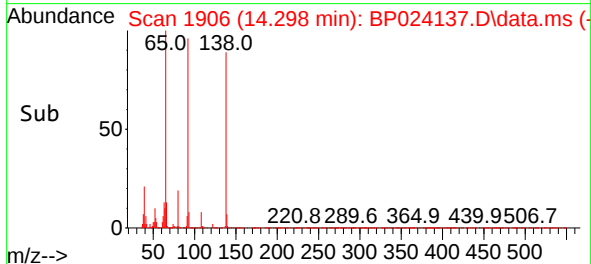
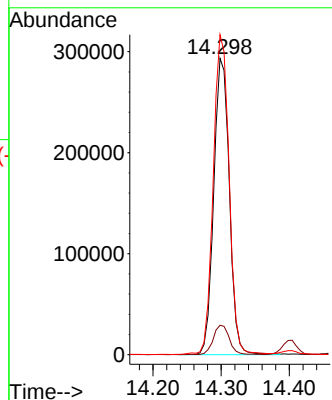
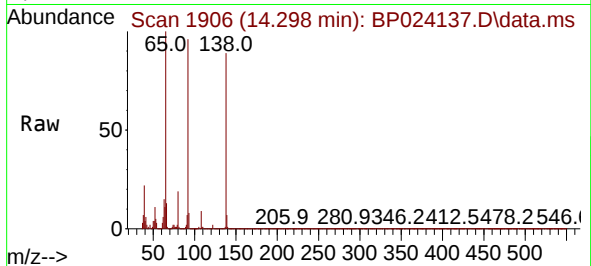




#53
3-Nitroaniline
Concen: 28.349 ng
RT: 14.298 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

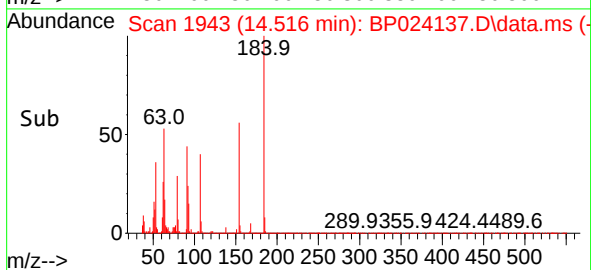
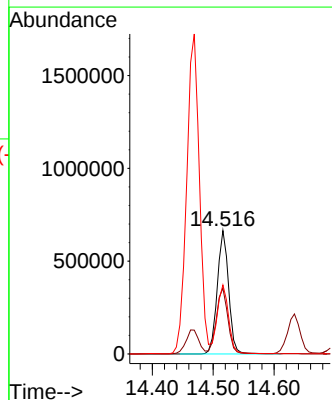
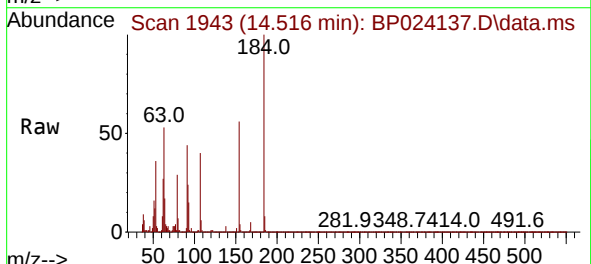
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

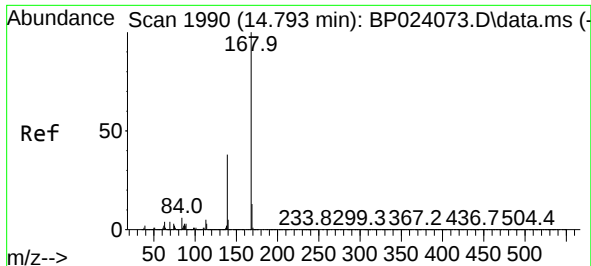
Tgt Ion:138 Resp: 467132
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 108.0 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 84.072 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:184 Resp: 860367
Ion Ratio Lower Upper
184 100
63 53.3 49.4 74.0
154 55.9 49.2 73.8

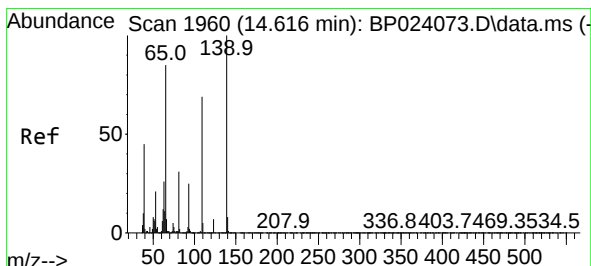
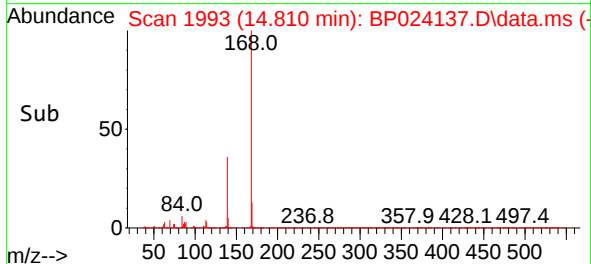
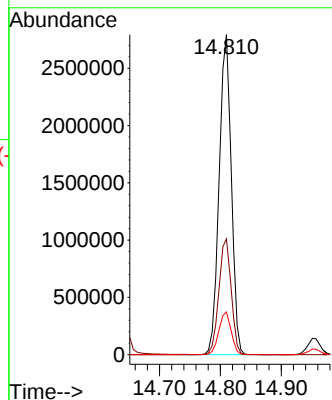
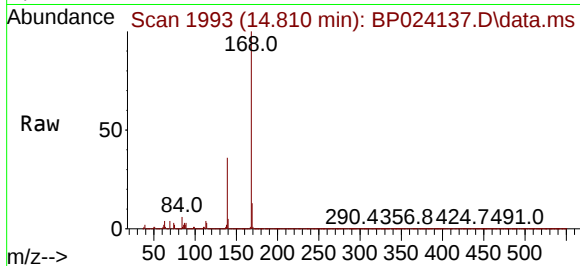




#55
Dibenzofuran
Concen: 39.648 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

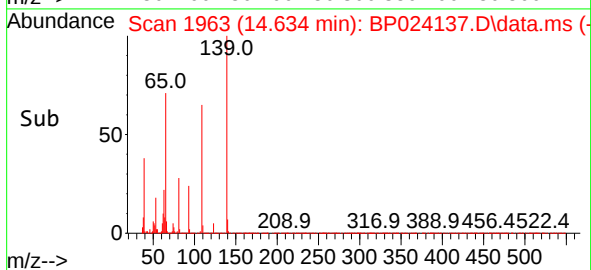
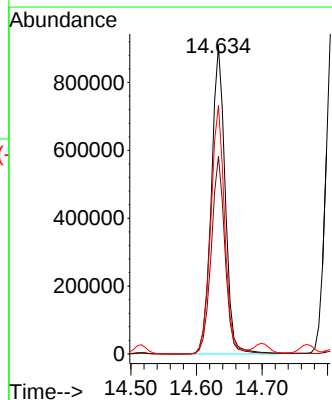
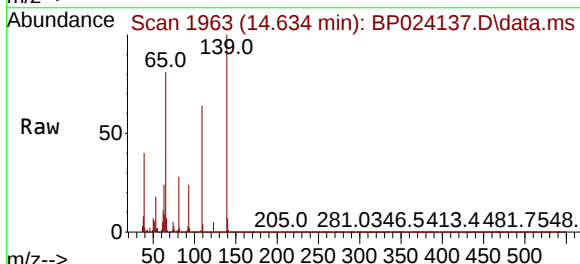
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

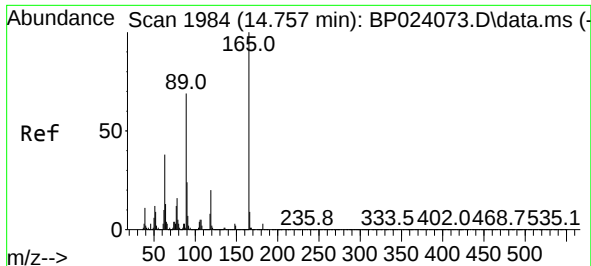
Tgt Ion:168 Resp: 3857598
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 93.532 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:139 Resp: 1331298
Ion Ratio Lower Upper
139 100
109 64.2 49.2 89.2
65 80.8 65.4 105.4

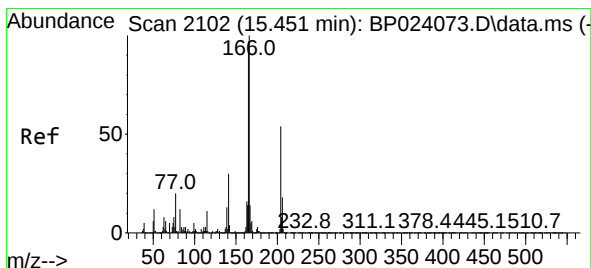
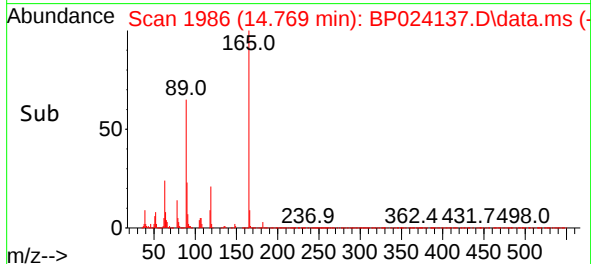
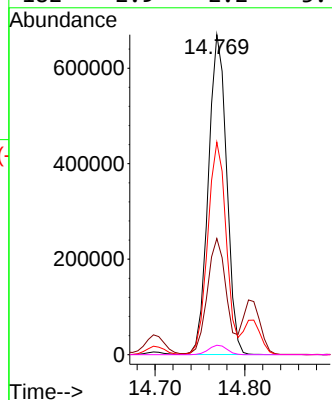
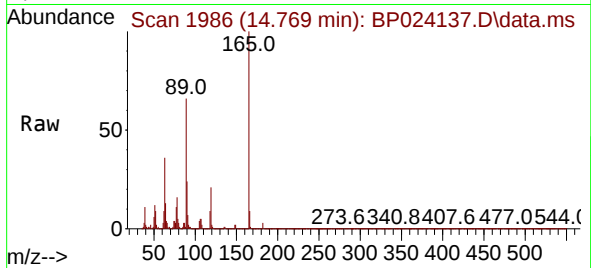




#57
2,4-Dinitrotoluene
Concen: 47.241 ng
RT: 14.769 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

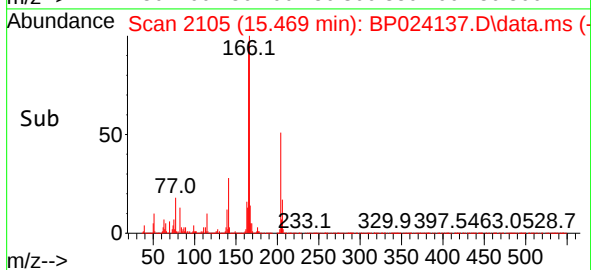
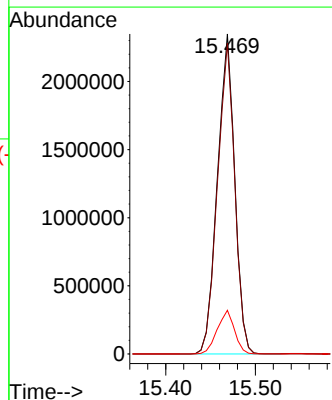
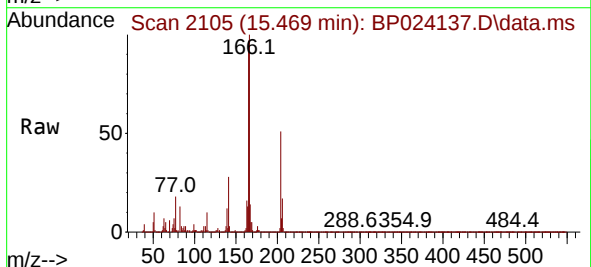
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

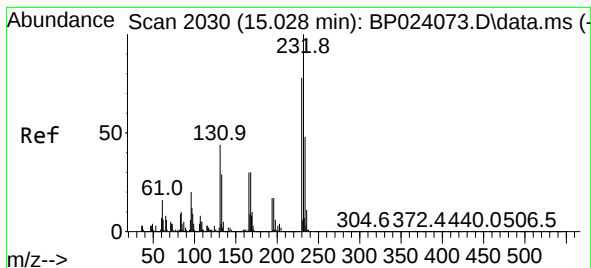
Tgt Ion:165 Resp: 947633
Ion Ratio Lower Upper
165 100
63 36.3 30.4 45.6
89 66.4 54.8 82.2
182 2.9 2.2 3.4



#58
Fluorene
Concen: 41.403 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:166 Resp: 3146107
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.6 10.9 16.3

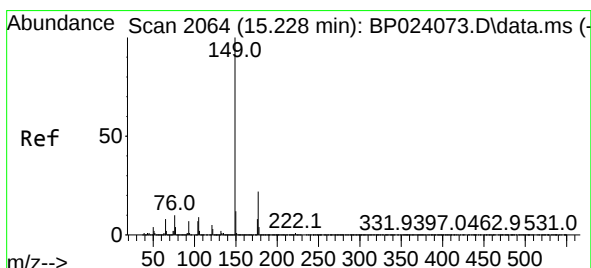
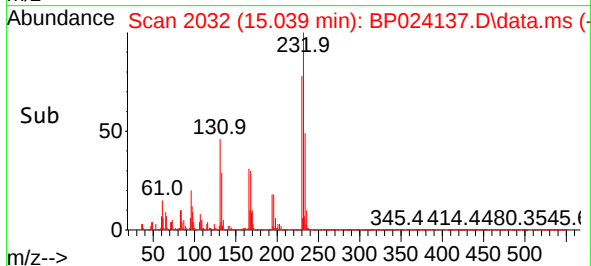
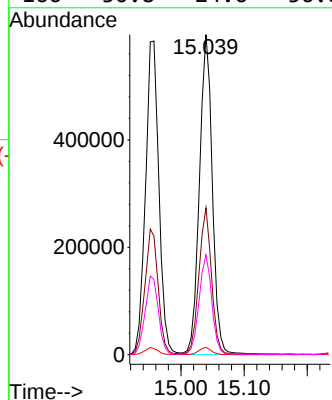
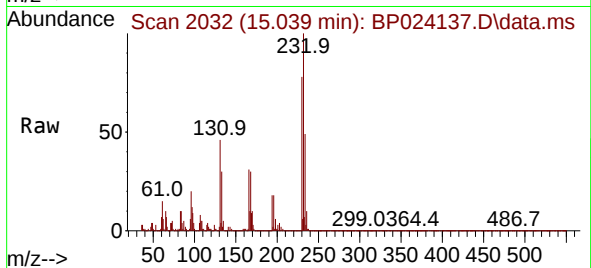




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.074 ng
RT: 15.039 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

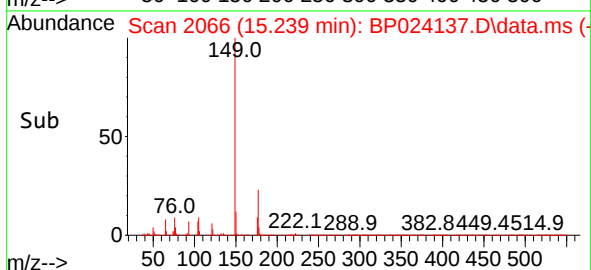
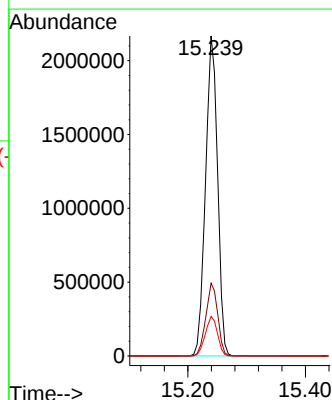
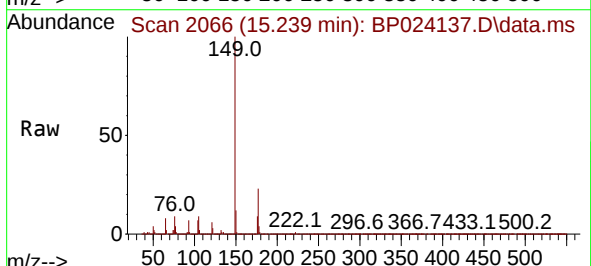
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

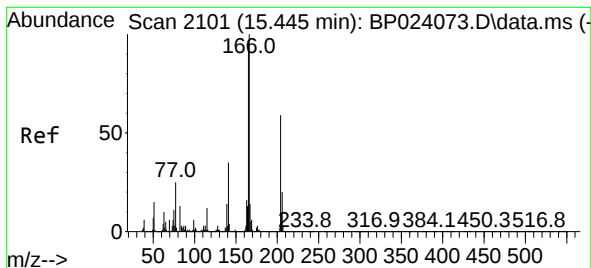
Tgt Ion:232 Resp: 842125
Ion Ratio Lower Upper
232 100
131 44.9 37.3 55.9
130 2.2 1.9 2.9
166 30.8 24.6 36.8



#60
Diethylphthalate
Concen: 40.909 ng
RT: 15.239 min Scan# 2066
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:149 Resp: 3078448
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.4 9.8 14.6

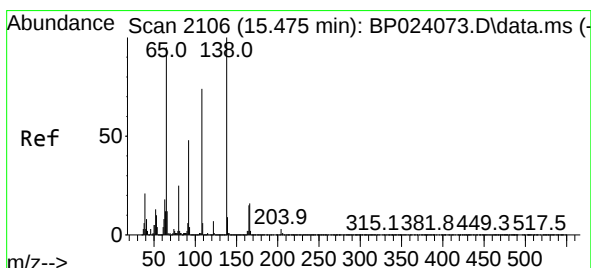
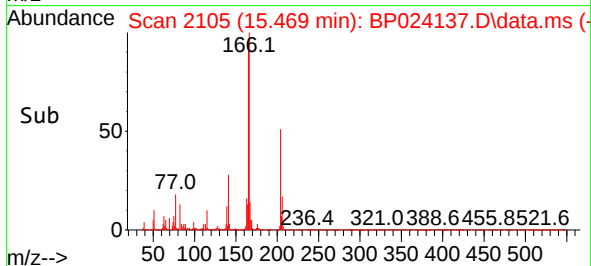
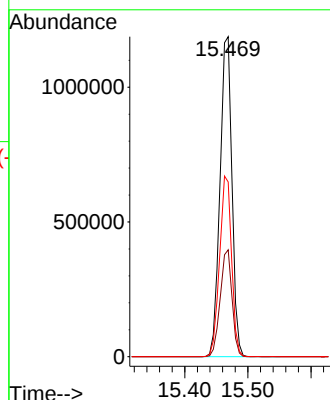
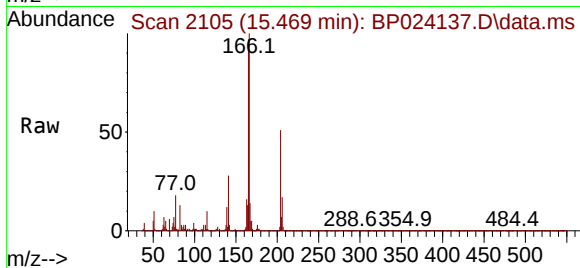




#61
4-Chlorophenyl-phenylether
Concen: 41.811 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.023 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

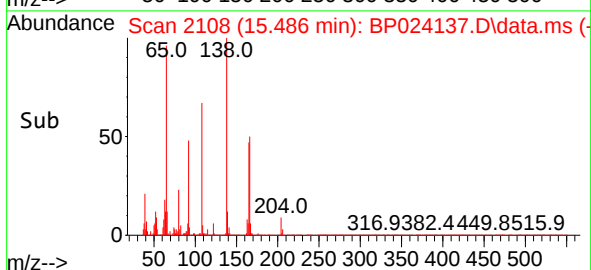
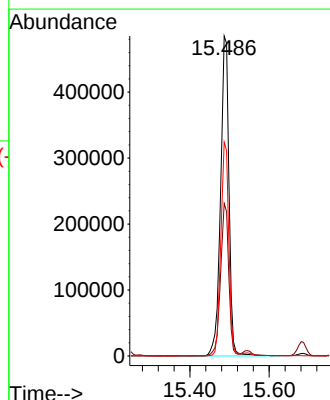
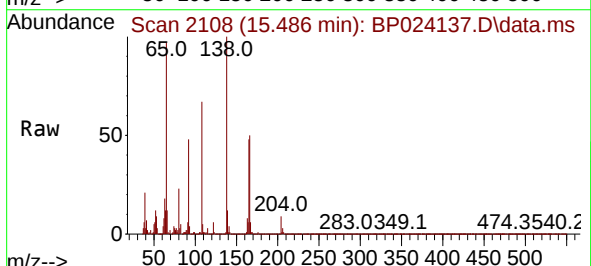
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

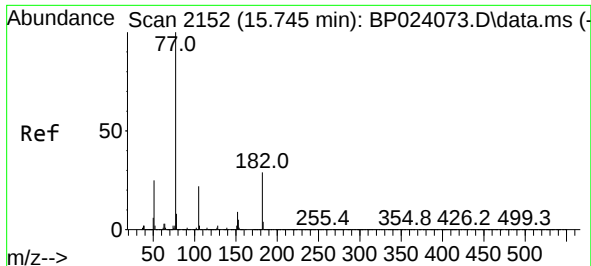
Tgt Ion:204 Resp: 1563809
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 54.6 47.8 71.6



#62
4-Nitroaniline
Concen: 37.461 ng
RT: 15.486 min Scan# 2108
Delta R.T. 0.011 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:138 Resp: 715662
Ion Ratio Lower Upper
138 100
92 47.7 28.3 68.3
108 66.8 54.0 94.0



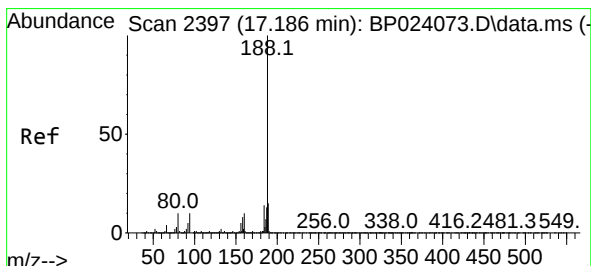
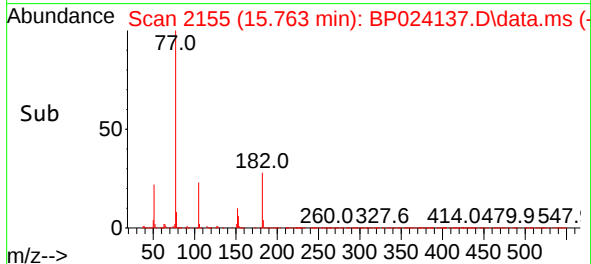
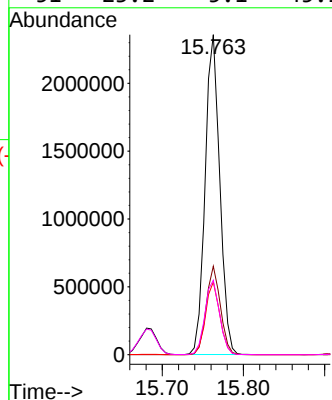
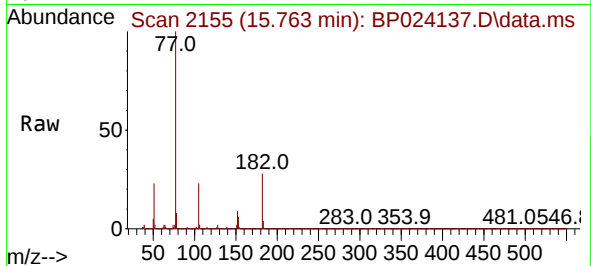


#63
Azobenzene
Concen: 41.774 ng
RT: 15.763 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Instrument :
BNA_P
ClientSampleId :
PB166907BSD

Tgt Ion: 77 Resp: 2945699

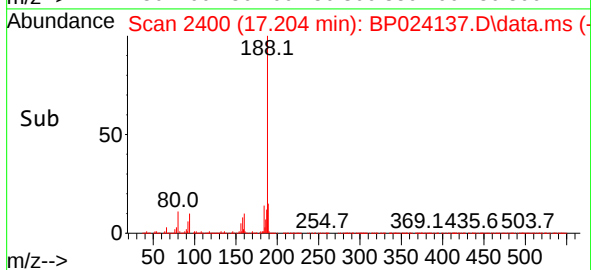
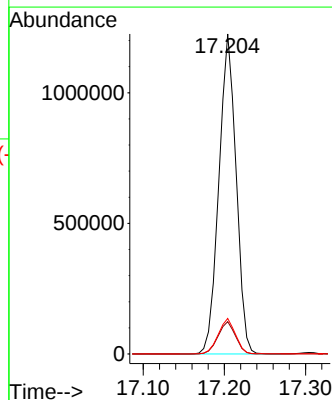
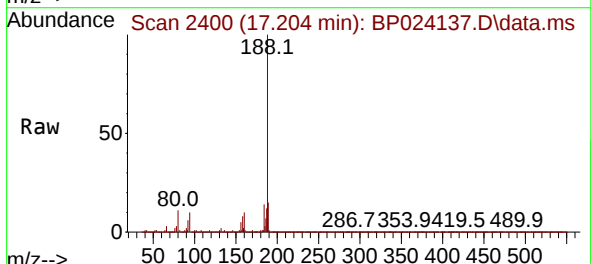
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.5	48.5
105	22.7	1.8	41.8
51	23.2	5.1	45.1

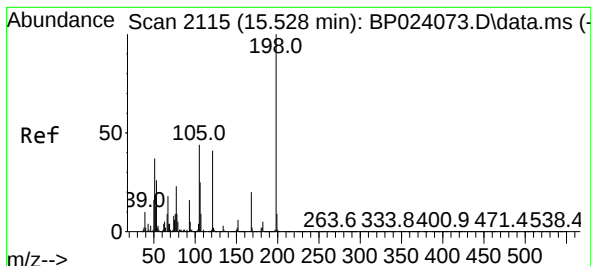


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion: 188 Resp: 1810076

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.6	11.4
80	11.1	8.2	12.2

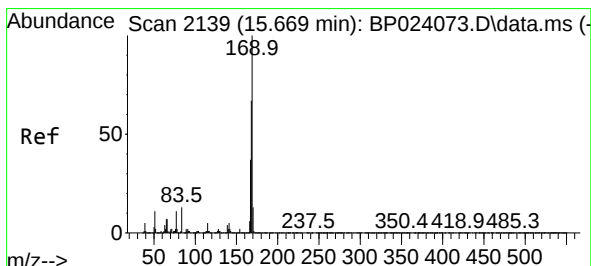
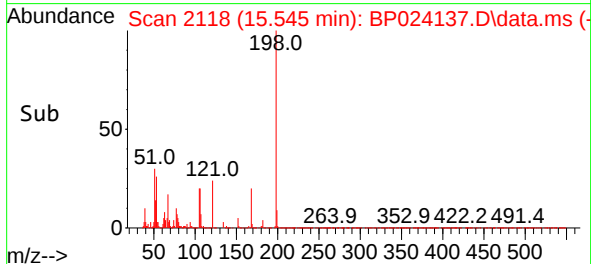
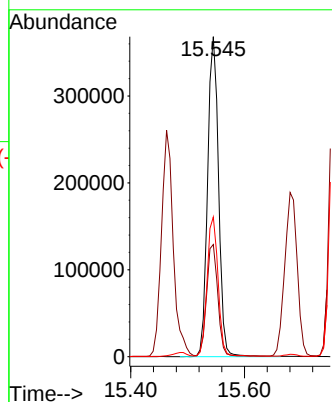
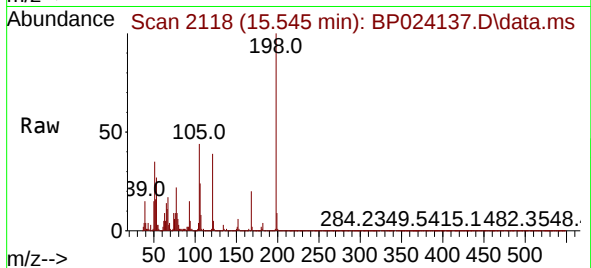




#65
4,6-Dinitro-2-methylphenol
Concen: 42.840 ng
RT: 15.545 min Scan# 2115
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

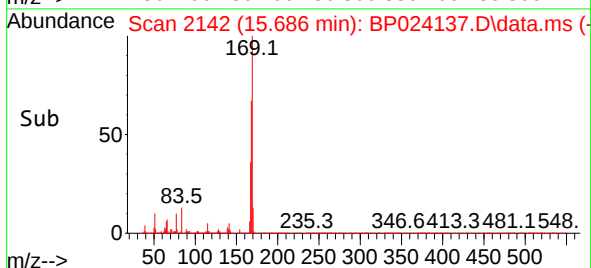
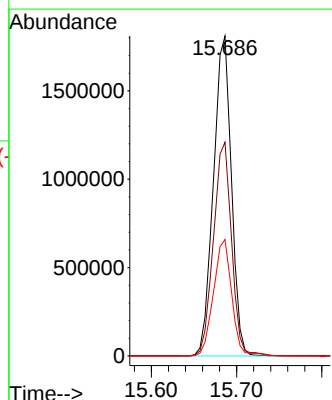
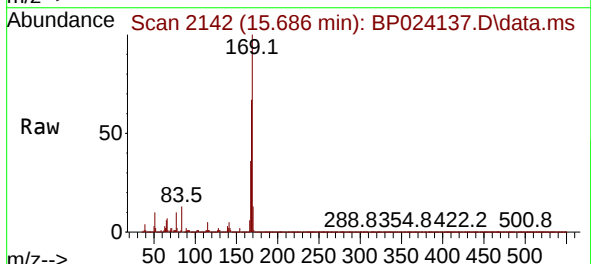
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

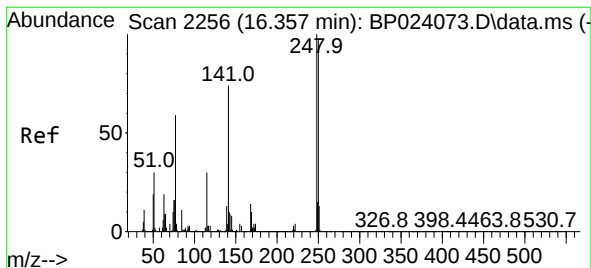
Tgt Ion:198 Resp: 489523
Ion Ratio Lower Upper
198 100
51 35.1 18.7 58.7
105 43.7 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 46.925 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.018 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:169 Resp: 2648736
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.4 29.5 44.3

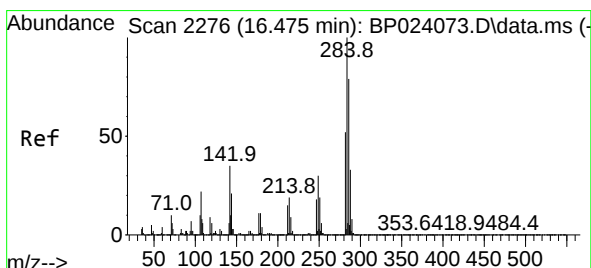
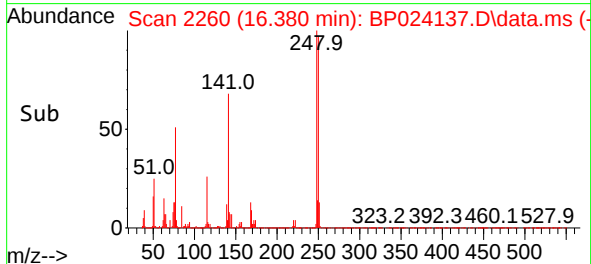
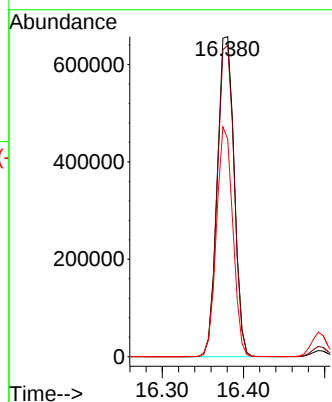
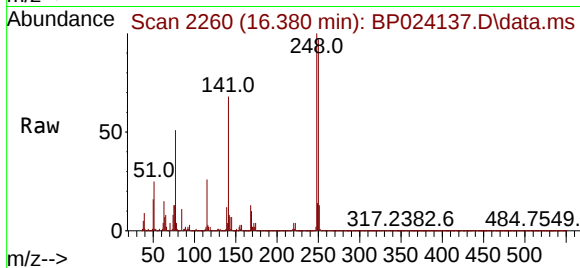




#67
4-Bromophenyl-phenylether
Concen: 46.895 ng
RT: 16.380 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

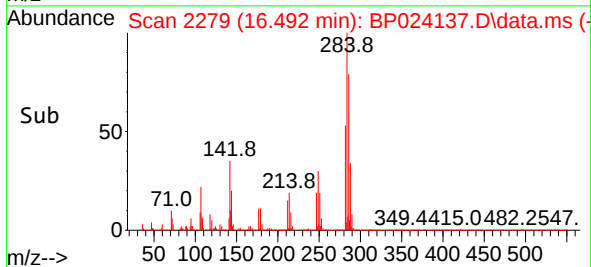
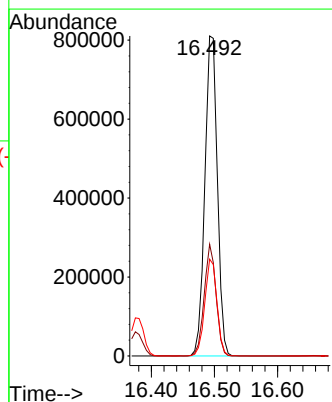
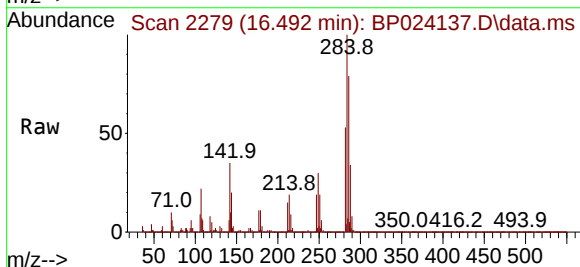
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

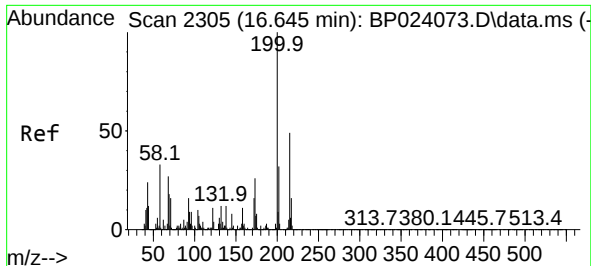
Tgt Ion:248 Resp: 953194
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 68.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 46.528 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:284 Resp: 1112826
Ion Ratio Lower Upper
284 100
142 34.9 27.7 41.5
249 30.3 23.8 35.6

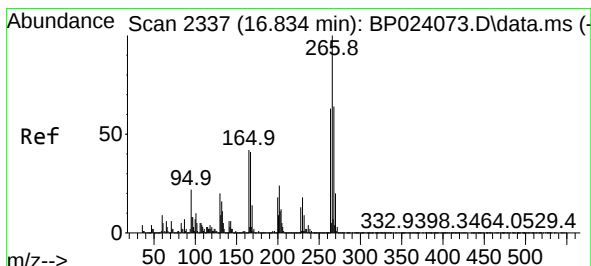
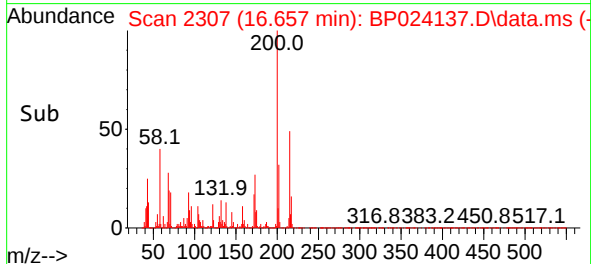
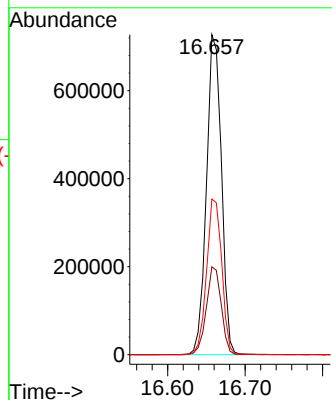
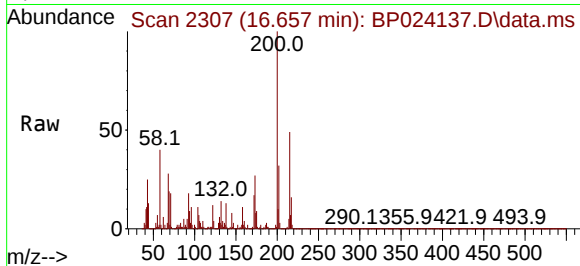




#69
Atrazine
Concen: 67.362 ng
RT: 16.657 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

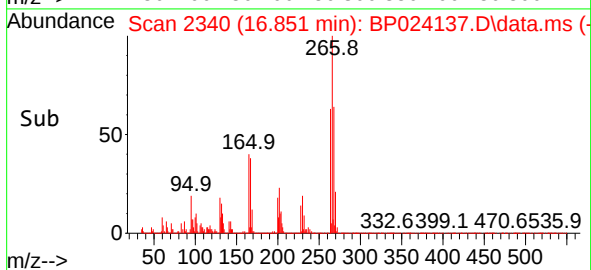
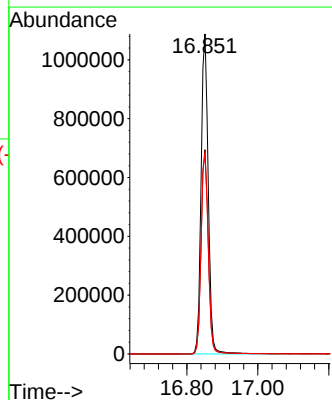
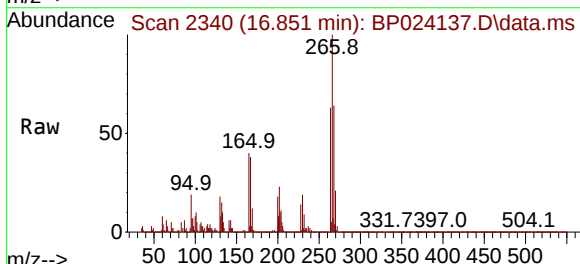
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

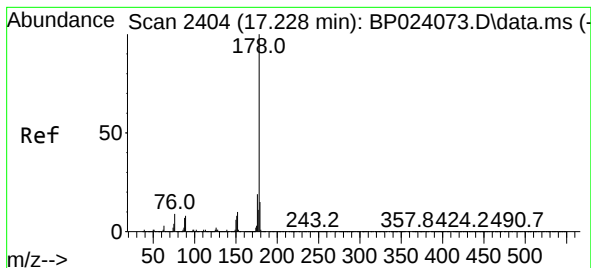
Tgt Ion:200 Resp: 975798
Ion Ratio Lower Upper
200 100
173 27.4 5.7 45.7
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 98.233 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:266 Resp: 1525967
Ion Ratio Lower Upper
266 100
268 63.9 51.3 76.9
264 62.8 50.5 75.7





#71

Phenanthrene

Concen: 43.127 ng

RT: 17.251 min Scan# 2404

Delta R.T. 0.023 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

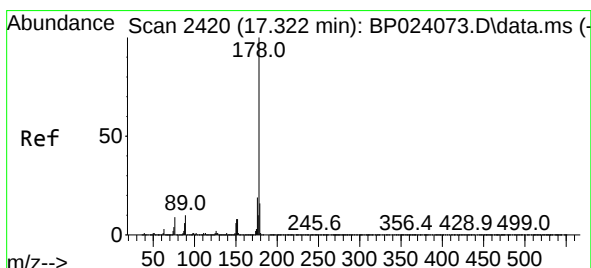
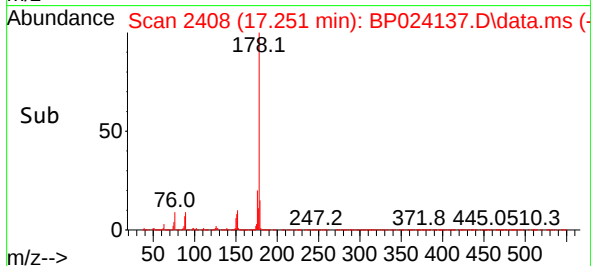
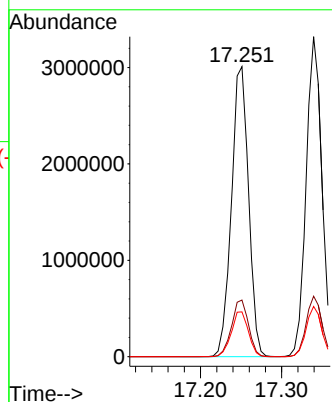
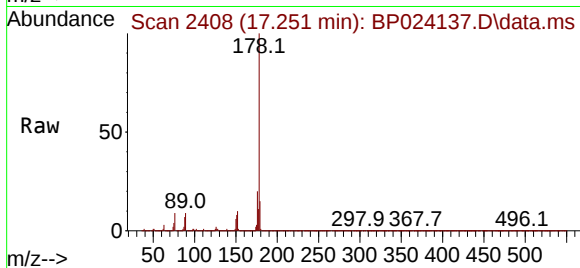
Tgt Ion:178 Resp: 4401083

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 45.923 ng

RT: 17.339 min Scan# 2423

Delta R.T. 0.018 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

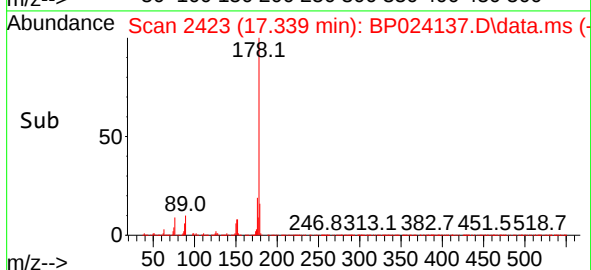
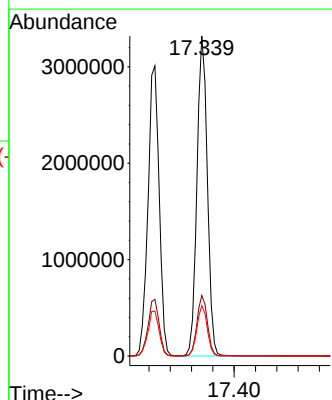
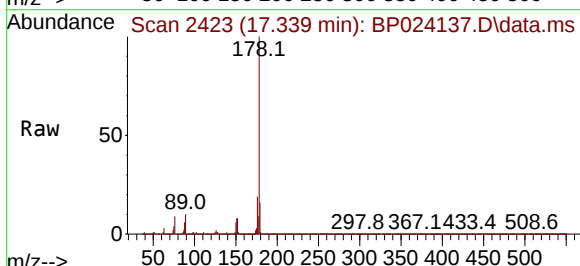
Tgt Ion:178 Resp: 4491044

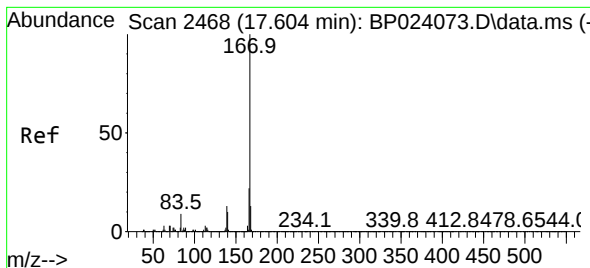
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.7 12.6 19.0





#73

Carbazole

Concen: 43.645 ng

RT: 17.622 min Scan# 24

Delta R.T. 0.017 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

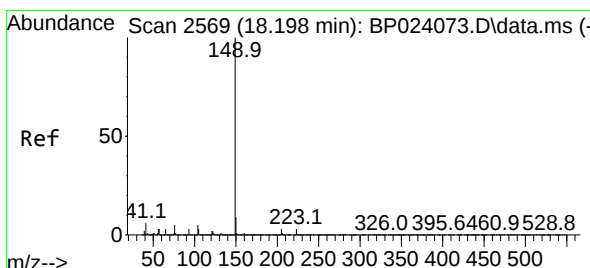
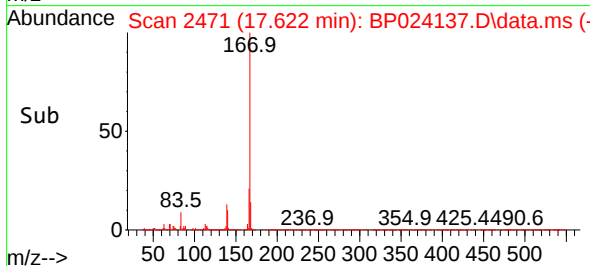
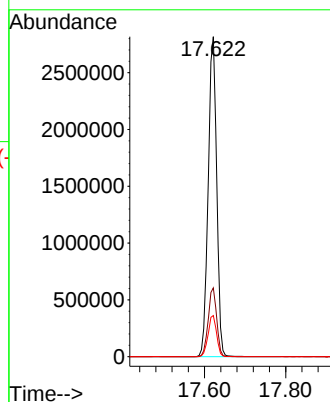
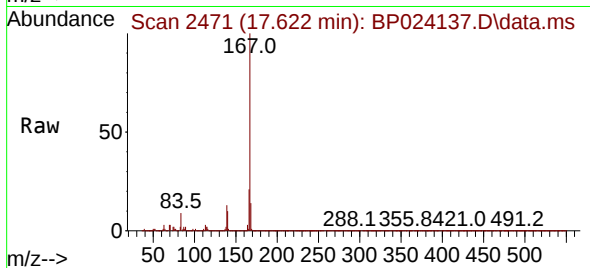
Tgt Ion:167 Resp: 4066653

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 45.883 ng

RT: 18.204 min Scan# 2570

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

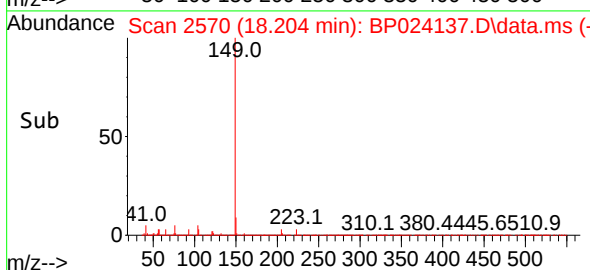
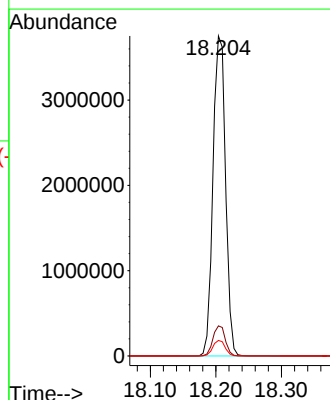
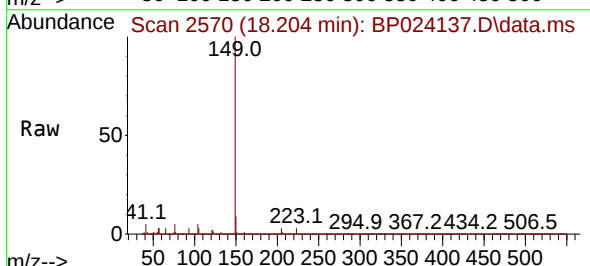
Tgt Ion:149 Resp: 4988433

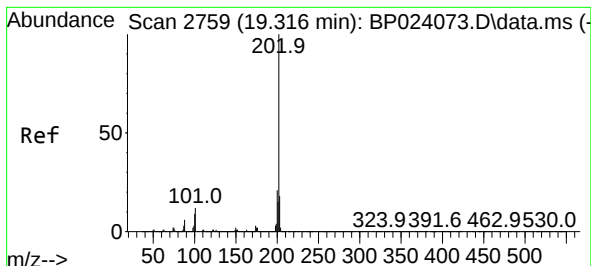
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 40.227 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

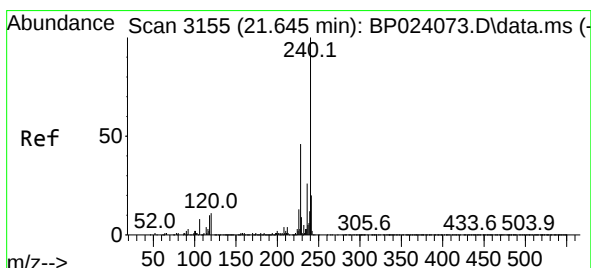
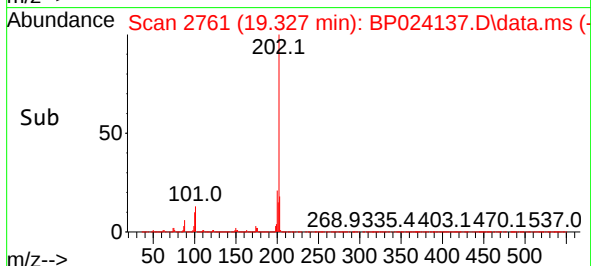
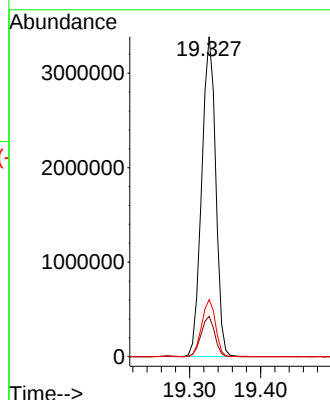
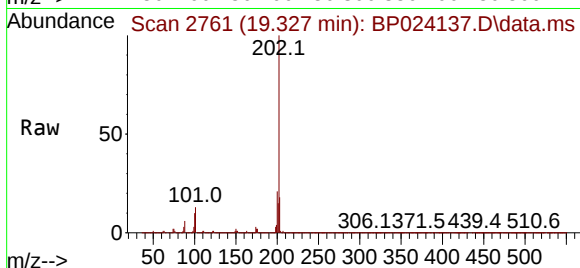
Tgt Ion:202 Resp: 4643250

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.9

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3157

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

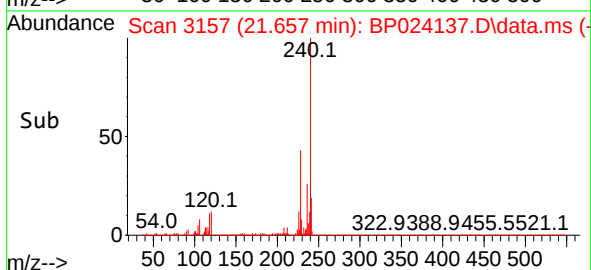
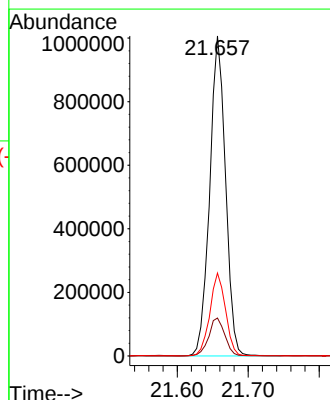
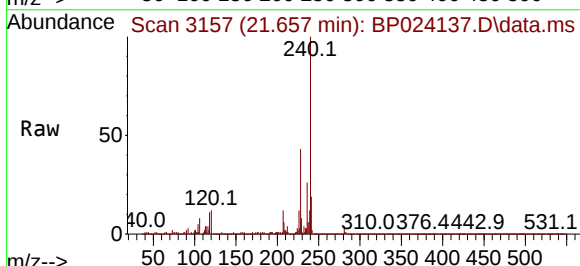
Tgt Ion:240 Resp: 1558432

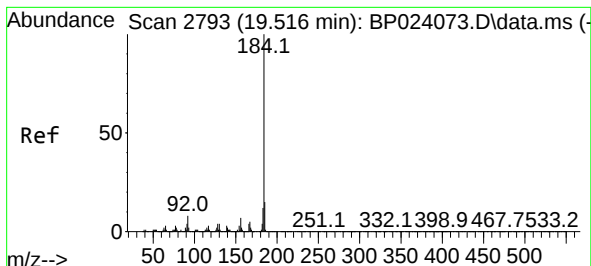
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.9 20.7 31.1





#77

Benzidine

Concen: 104.255 ng

RT: 19.527 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

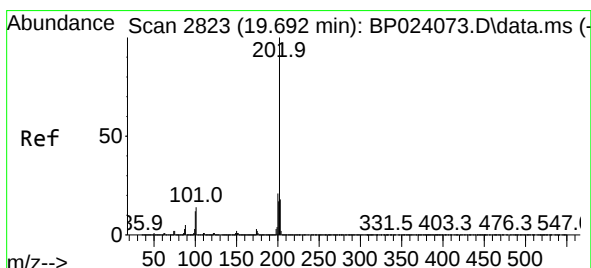
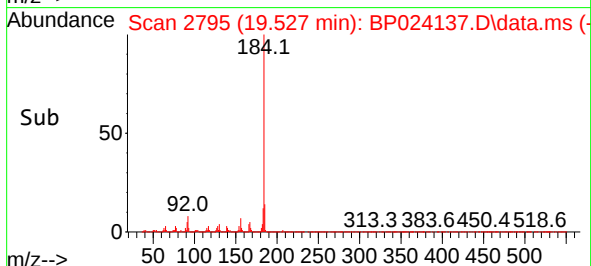
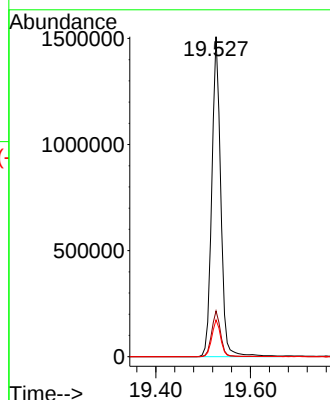
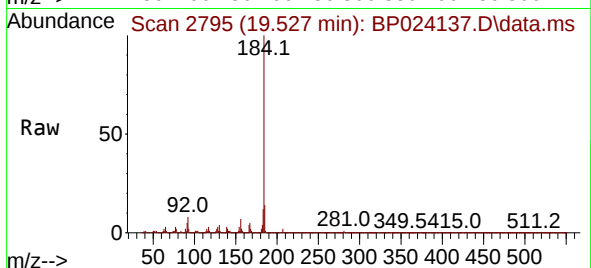
Tgt Ion:184 Resp: 1979838

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 48.072 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

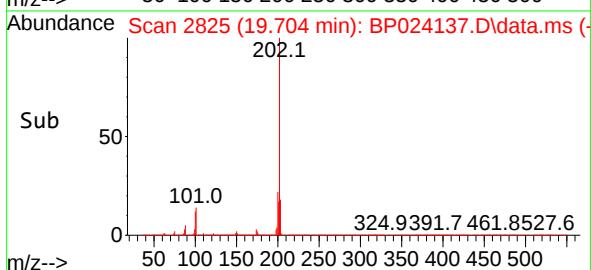
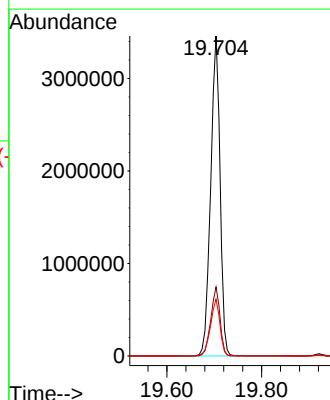
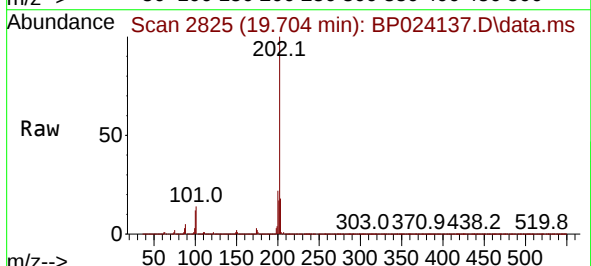
Tgt Ion:202 Resp: 4758681

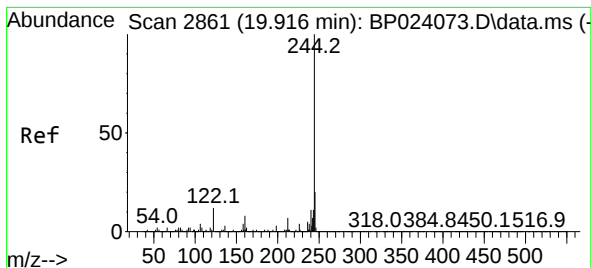
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 104.631 ng

RT: 19.921 min Scan# 2861

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

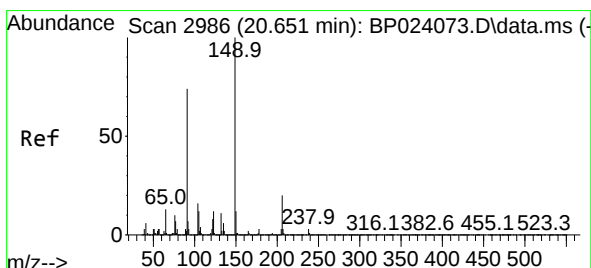
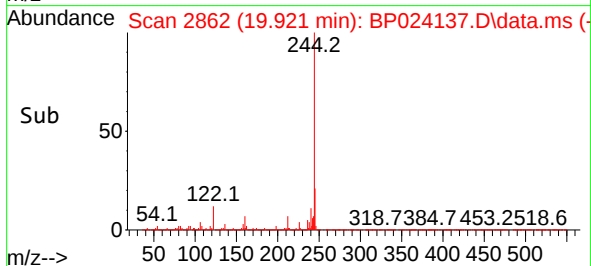
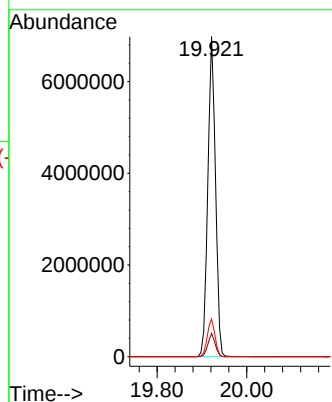
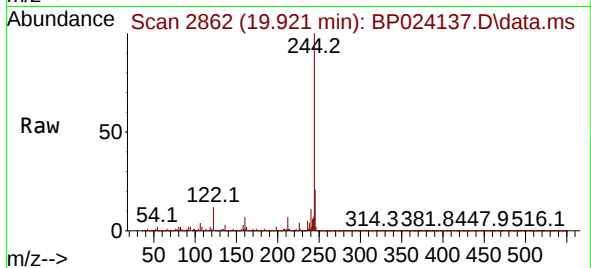
Tgt Ion:244 Resp: 8240562

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.818 ng

RT: 20.651 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

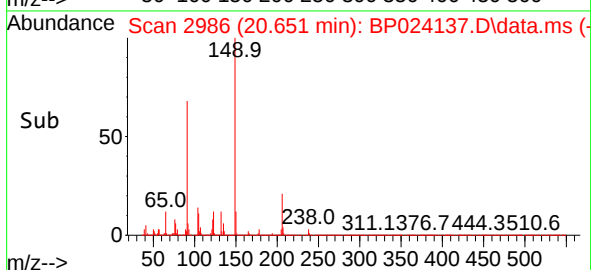
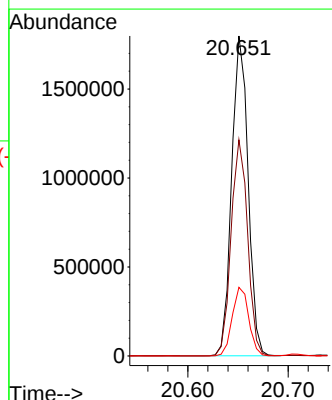
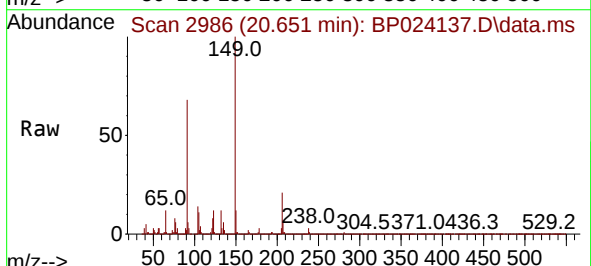
Tgt Ion:149 Resp: 2041436

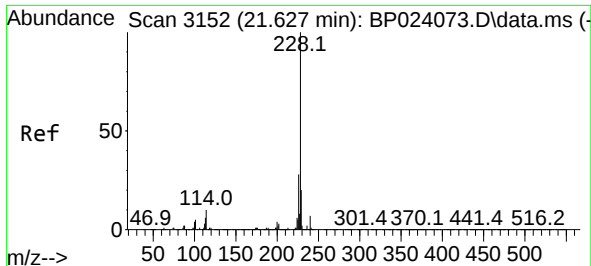
Ion Ratio Lower Upper

149 100

91 67.6 59.4 89.0

206 21.5 16.2 24.2

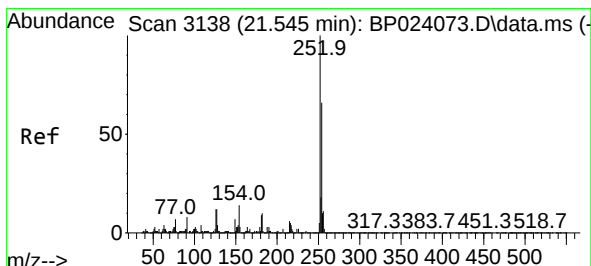
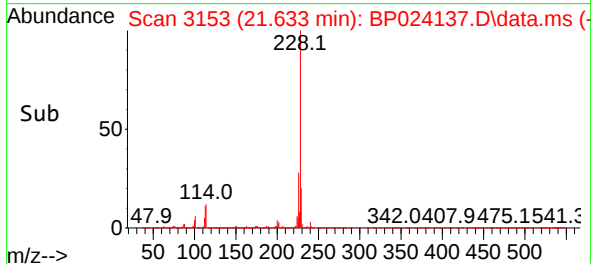
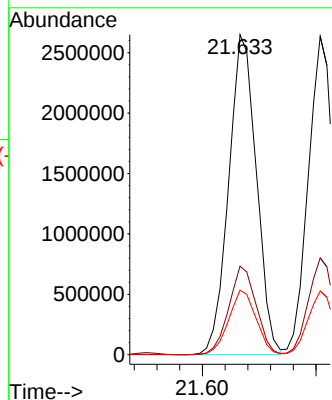
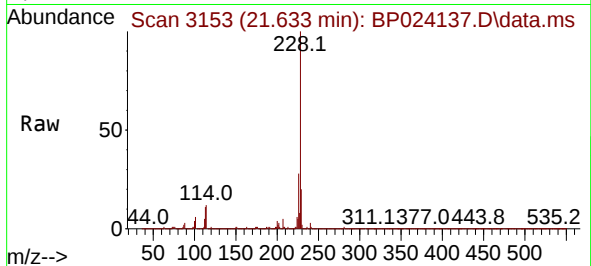




#81
Benzo(a)anthracene
Concen: 45.935 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

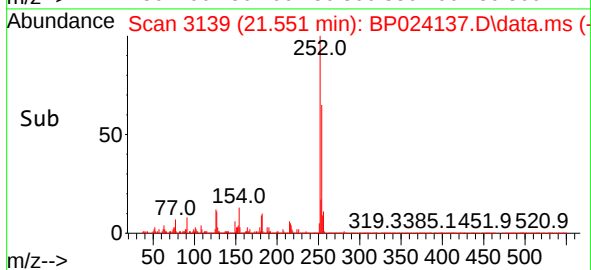
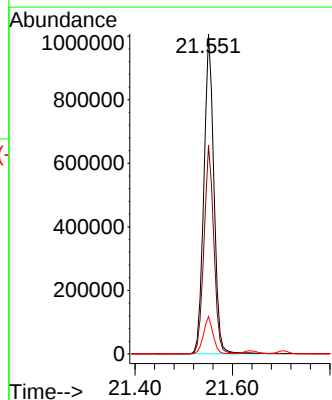
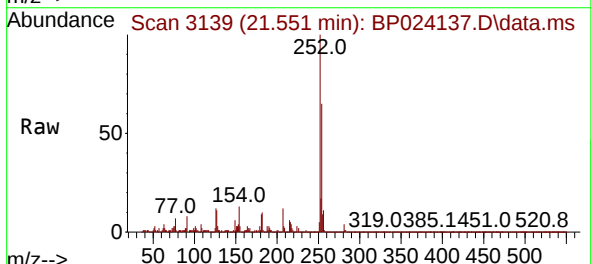
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

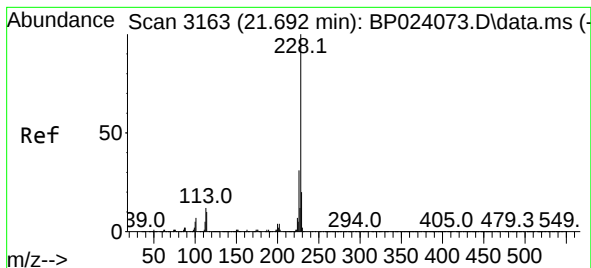
Tgt Ion:228 Resp: 4488862
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 47.095 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:252 Resp: 1438123
Ion Ratio Lower Upper
252 100
254 65.1 52.4 78.6
126 11.7 9.6 14.4





#83

Chrysene

Concen: 43.982 ng

RT: 21.704 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

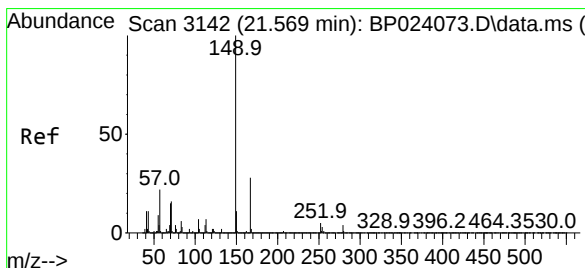
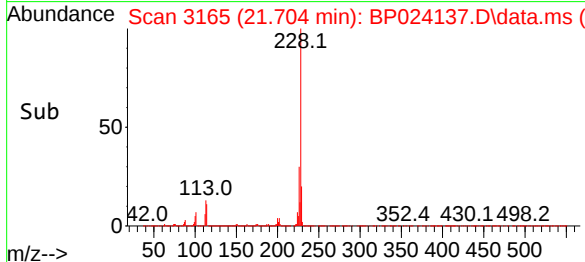
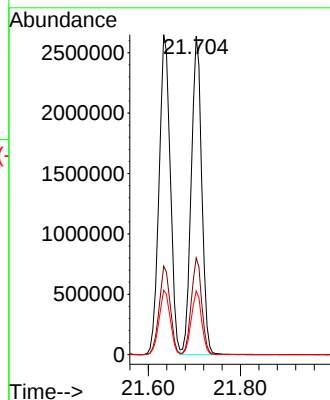
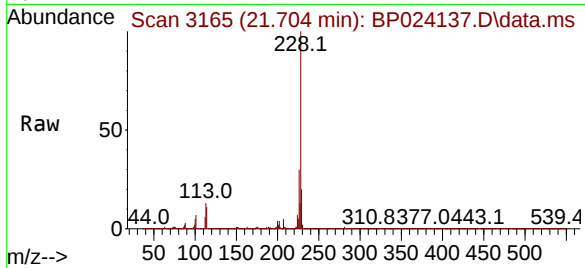
Tgt Ion:228 Resp: 4144426

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.993 ng

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

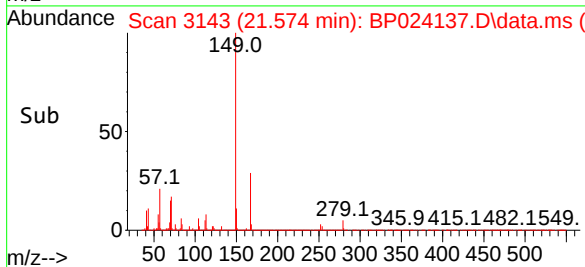
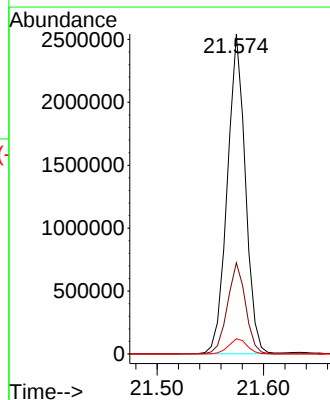
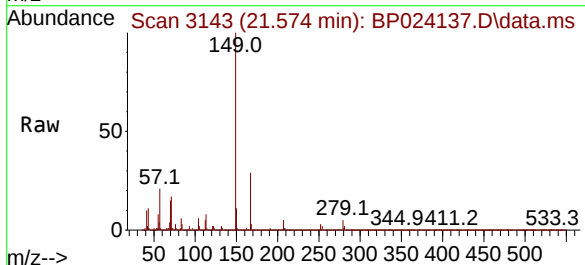
Tgt Ion:149 Resp: 2990739

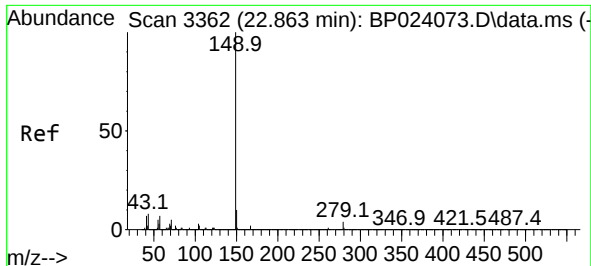
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 4.8 3.6 5.4

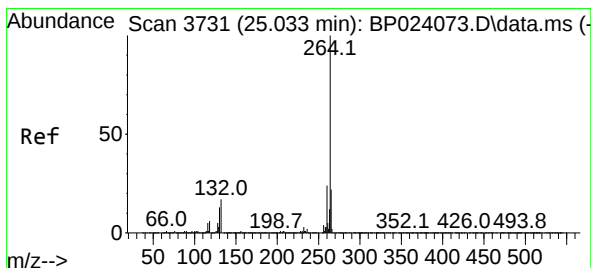
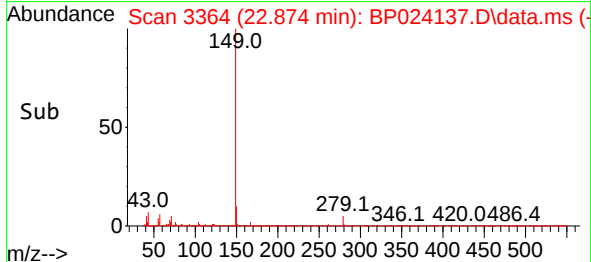
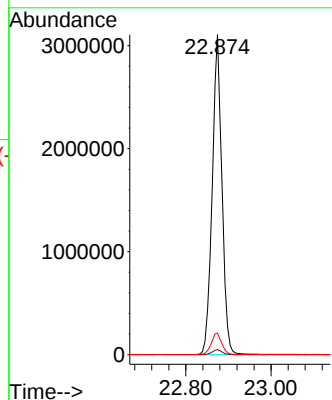
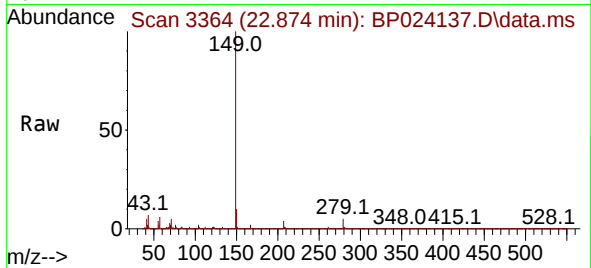




#85
Di-n-octyl phthalate
Concen: 53.254 ng
RT: 22.874 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

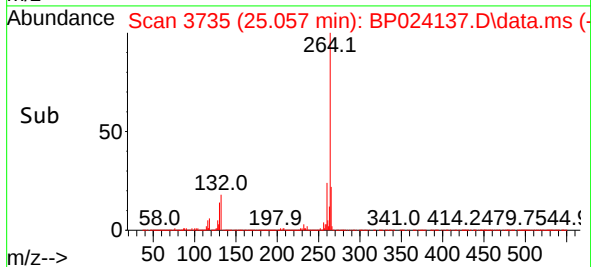
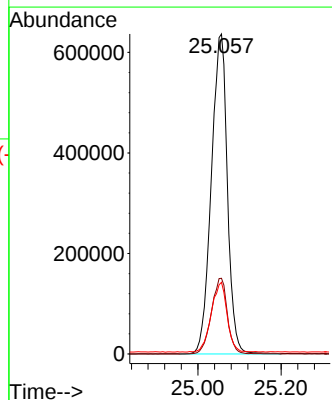
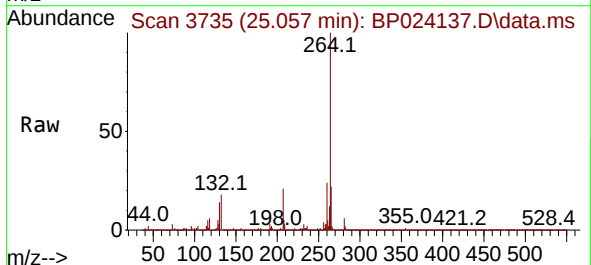
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

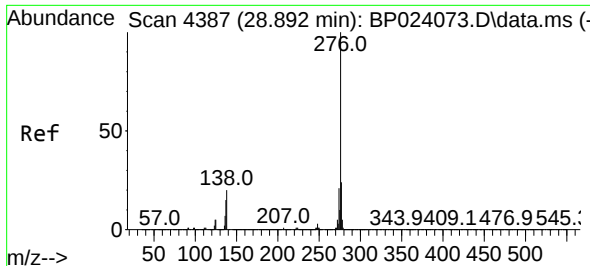
Tgt Ion:149 Resp: 4896446
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.023 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:264 Resp: 1706489
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.4 17.8 26.8

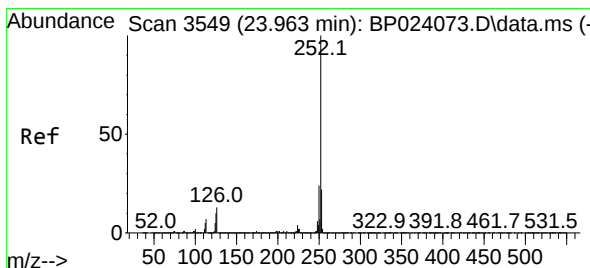
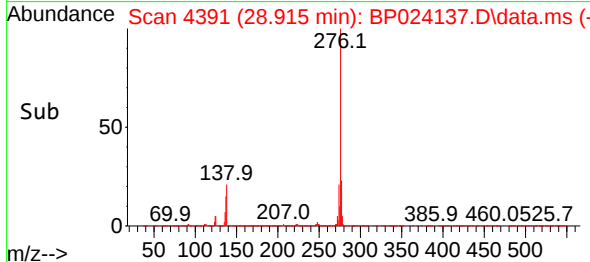
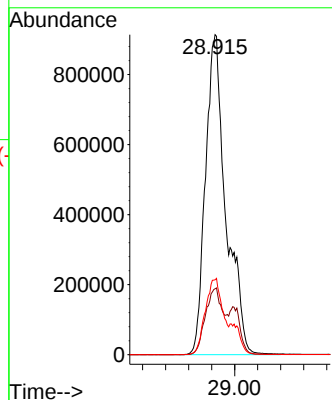
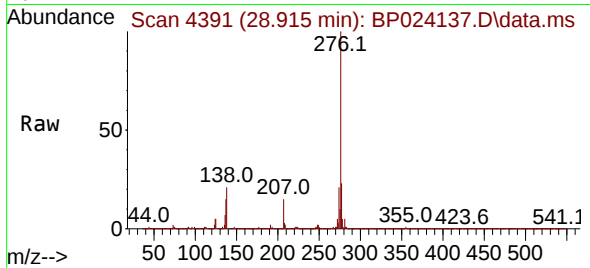




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.571 ng
 RT: 28.915 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BP024137.D
 Acq: 28 Feb 2025 16:14

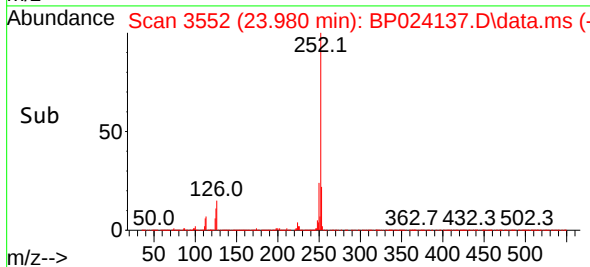
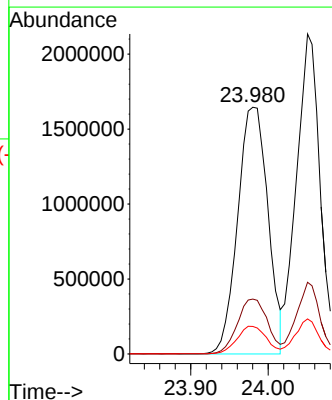
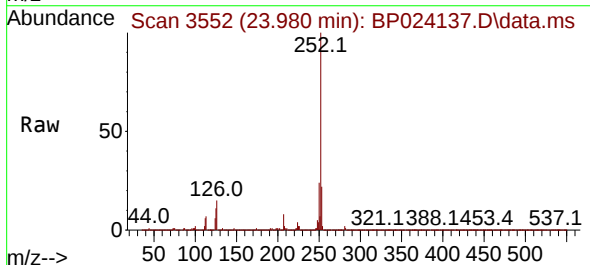
Instrument :
 BNA_P
 ClientSampleId :
 PB166907BSD

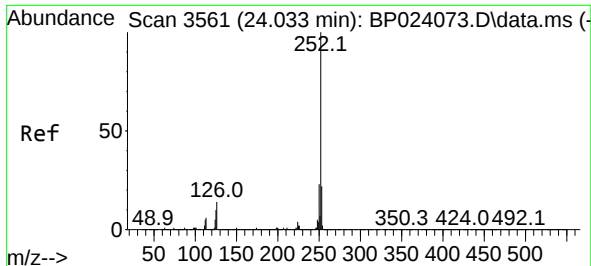
Tgt Ion:276 Resp: 5653780
 Ion Ratio Lower Upper
 276 100
 138 17.3 14.2 21.4
 277 20.2 16.2 24.4



#88
 Benzo(b)fluoranthene
 Concen: 41.249 ng
 RT: 23.980 min Scan# 3552
 Delta R.T. 0.017 min
 Lab File: BP024137.D
 Acq: 28 Feb 2025 16:14

Tgt Ion:252 Resp: 4470011
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 11.2 8.4 12.6

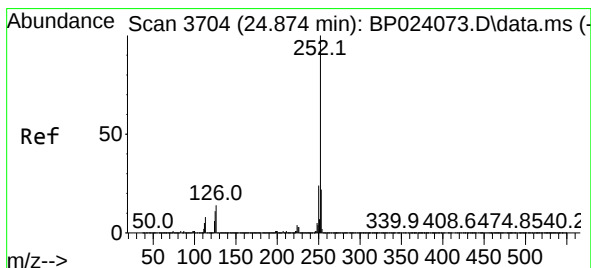
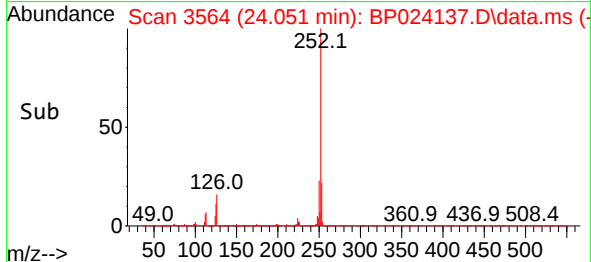
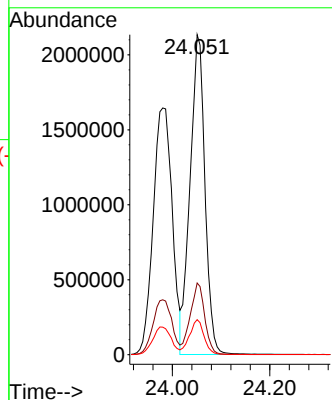
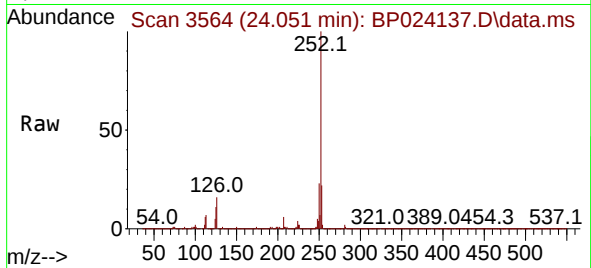




#89
Benzo(k)fluoranthene
Concen: 42.929 ng
RT: 24.051 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

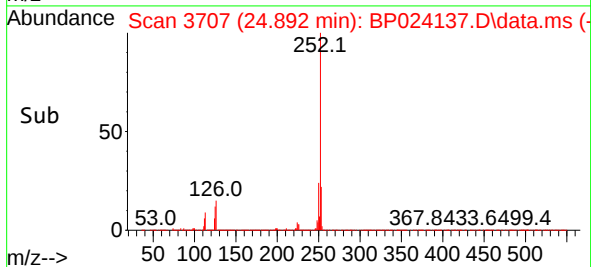
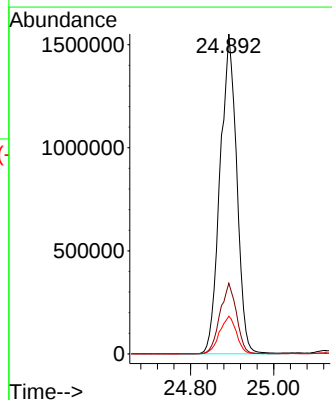
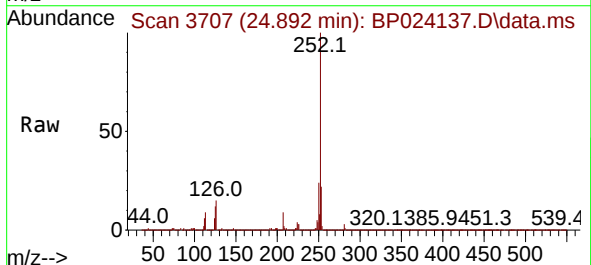
Instrument :
BNA_P
ClientSampleId :
PB166907BSD

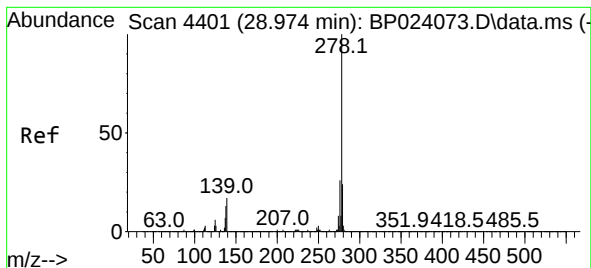
Tgt Ion:252 Resp: 4528162
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.881 ng
RT: 24.892 min Scan# 3707
Delta R.T. 0.017 min
Lab File: BP024137.D
Acq: 28 Feb 2025 16:14

Tgt Ion:252 Resp: 4311445
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.840 ng

RT: 28.997 min Scan# 4401

Delta R.T. 0.023 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Instrument :

BNA_P

ClientSampleId :

PB166907BSD

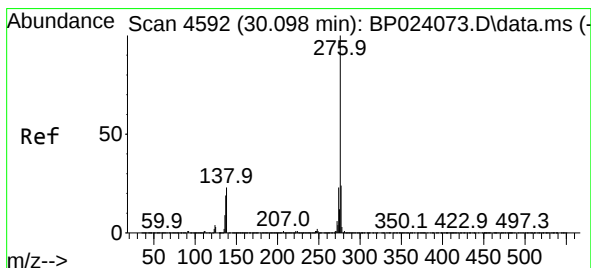
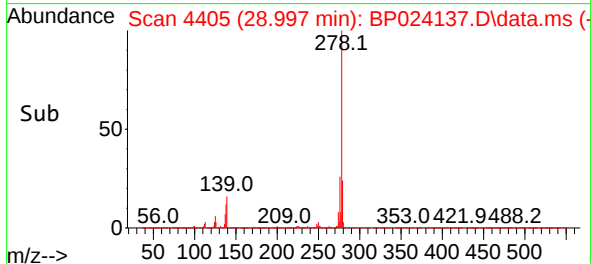
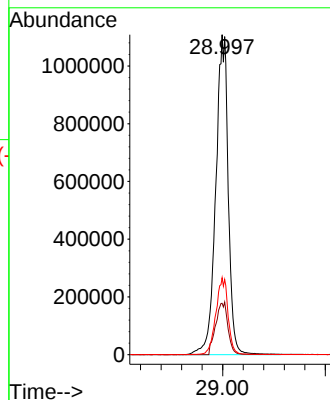
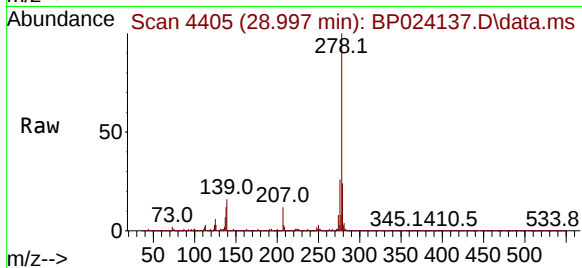
Tgt Ion:278 Resp: 4679153

Ion Ratio Lower Upper

278 100

139 16.1 13.4 20.0

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.902 ng

RT: 30.109 min Scan# 4594

Delta R.T. 0.012 min

Lab File: BP024137.D

Acq: 28 Feb 2025 16:14

Tgt Ion:276 Resp: 4443888

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 23.1 18.1 27.1

