

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024232.D
 Acq On : 09 Apr 2025 12:56
 Operator : RC/JU
 Sample : Q1730-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MSD

Quant Time: Apr 10 01:59:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	286902	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1149847	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	708393	20.000	ng	-0.03
64) Phenanthrene-d10	17.198	188	1387592	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1504352	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1667153	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1872195	104.166	ng	-0.02
7) Phenol-d6	6.922	99	2545054	105.891	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1469315	72.097	ng	-0.04
42) 2,4,6-Tribromophenol	15.898	330	903624	101.268	ng	-0.02
45) 2-Fluorobiphenyl	12.986	172	3352065	69.774	ng	-0.03
79) Terphenyl-d14	19.910	244	5589464	76.697	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	318850	44.755	ng	97
3) Pyridine	3.687	79	867946	44.564	ng	98
4) n-Nitrosodimethylamine	3.599	42	304308	46.774	ng	94
6) Aniline	7.075	93	712147	32.521	ng	99
8) 2-Chlorophenol	7.316	128	977587	50.355	ng	99
9) Benzaldehyde	6.893	77	537154	46.311	ng	98
10) Phenol	6.951	94	1256999	51.807	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	910757	47.599	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1000080	47.770	ng	99
13) 1,4-Dichlorobenzene	7.775	146	1021633	47.794	ng	99
14) 1,2-Dichlorobenzene	8.087	146	981103	47.830	ng	99
15) Benzyl Alcohol	7.981	79	803918	52.832	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	984526	50.415	ng	98
17) 2-Methylphenol	8.187	107	812455	53.399	ng	99
18) Hexachloroethane	8.810	117	367262	48.428	ng	100
19) n-Nitroso-di-n-propyla...	8.540	70	671750	48.176	ng	100
20) 3+4-Methylphenols	8.510	107	1101160	52.679	ng	99
22) Acetophenone	8.551	105	1368679	47.081	ng	# 98
24) Nitrobenzene	8.928	77	989940	49.240	ng	99
25) Isophorone	9.451	82	1856824	53.151	ng	100
26) 2-Nitrophenol	9.634	139	508733	52.975	ng	99
27) 2,4-Dimethylphenol	9.698	122	843916	68.341	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	1200865	48.863	ng	100
29) 2,4-Dichlorophenol	10.169	162	866930	51.897	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	872159	47.256	ng	99
31) Naphthalene	10.563	128	2815023	46.184	ng	99
32) Benzoic acid	9.845	122	702851	58.361	ng	98
33) 4-Chloroaniline	10.675	127	396843	18.193	ng	98
34) Hexachlorobutadiene	10.851	225	501884	47.250	ng	99
35) Caprolactam	11.463	113	317058	57.912	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	964274	53.509	ng	98
37) 2-Methylnaphthalene	12.181	142	1774016	43.082	ng	99
38) 1-Methylnaphthalene	12.398	142	1880682	46.957	ng	98
40) 1,2,4,5-Tetrachloroben...	12.557	216	936735	45.744	ng	99
41) Hexachlorocyclopentadiene	12.533	237	1252054	169.622	ng	97
43) 2,4,6-Trichlorophenol	12.798	196	679967	52.249	ng	100

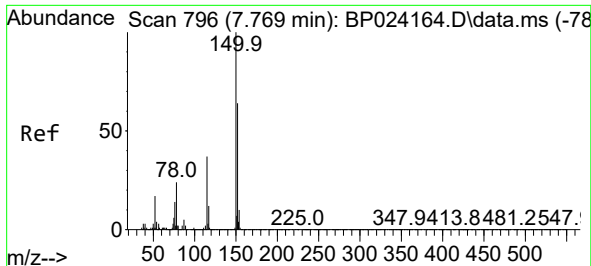
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	750647	52.596	ng	99
46) 1,1'-Biphenyl	13.204	154	2489932	46.775	ng	99
47) 2-Chloronaphthalene	13.245	162	1917821	47.898	ng	99
48) 2-Nitroaniline	13.445	65	580959	56.728	ng	98
49) Acenaphthylene	14.092	152	3199619	52.812	ng	100
50) Dimethylphthalate	13.828	163	2465120	49.732	ng	100
51) 2,6-Dinitrotoluene	13.957	165	539503	51.730	ng	97
52) Acenaphthene	14.439	154	1837985	47.482	ng	99
53) 3-Nitroaniline	14.286	138	236450	20.991	ng	95
54) 2,4-Dinitrophenol	14.498	184	715742	129.700	ng	99
55) Dibenzofuran	14.786	168	2872093	45.805	ng	99
56) 4-Nitrophenol	14.616	139	1144006	121.546	ng	99
57) 2,4-Dinitrotoluene	14.751	165	779044	56.551	ng	96
58) Fluorene	15.445	166	2388449	48.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	651159	51.641	ng	98
60) Diethylphthalate	15.222	149	2466418	49.967	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1139270	47.546	ng	97
62) 4-Nitroaniline	15.469	138	585528	49.562	ng	99
63) Azobenzene	15.745	77	2707344	58.192	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	447652	54.343	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2056703	48.811	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	741067	48.644	ng	99
68) Hexachlorobenzene	16.474	284	880437	48.828	ng	99
69) Atrazine	16.651	200	746444	73.394	ng	99
70) Pentachlorophenol	16.839	266	1285435	110.236	ng	100
71) Phenanthrene	17.239	178	3704795	48.874	ng	100
72) Anthracene	17.327	178	3807745	51.575	ng	99
73) Carbazole	17.610	167	3699204	51.955	ng	99
74) Di-n-butylphthalate	18.204	149	4425488	52.359	ng	99
75) Fluoranthene	19.315	202	4413531	50.272	ng	99
77) Benzidine	19.504	184	1488430	90.495	ng	100
78) Pyrene	19.692	202	4613212	49.326	ng	100
80) Butylbenzylphthalate	20.645	149	2181081	56.552	ng	98
81) Benzo(a)anthracene	21.615	228	4668390	49.914	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	851663	27.169	ng	99
83) Chrysene	21.680	228	4385837	48.779	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	3164227	54.373	ng	100
85) Di-n-octyl phthalate	22.845	149	5372260	57.617	ng	100
87) Indeno(1,2,3-cd)pyrene	28.844	276	5916857	50.852	ng	99
88) Benzo(b)fluoranthene	23.939	252	4824633	47.997	ng	98
89) Benzo(k)fluoranthene	24.003	252	4903911	49.874	ng	100
90) Benzo(a)pyrene	24.833	252	4689771	53.654	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4850816	50.111	ng	98
92) Benzo(g,h,i)perylene	30.021	276	4740076	48.170	ng	98

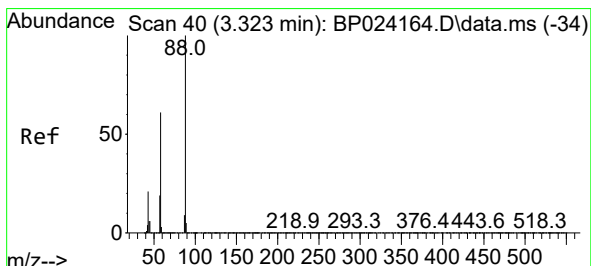
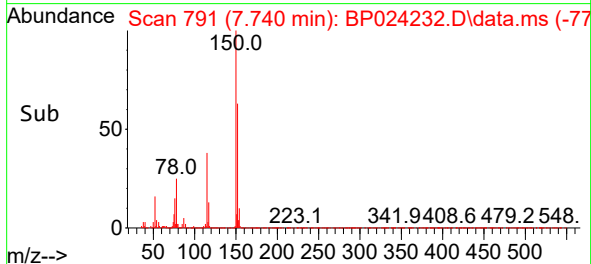
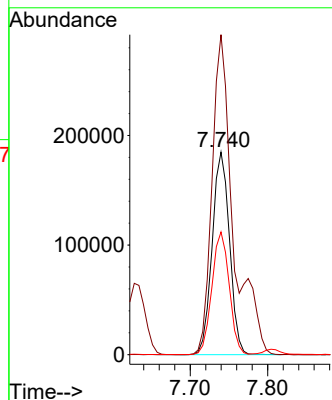
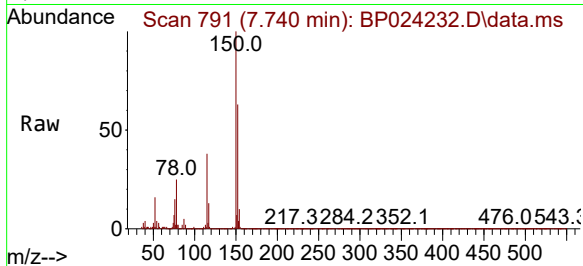
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 79
 Delta R.T. -0.029 min
 Lab File: BP024232.D
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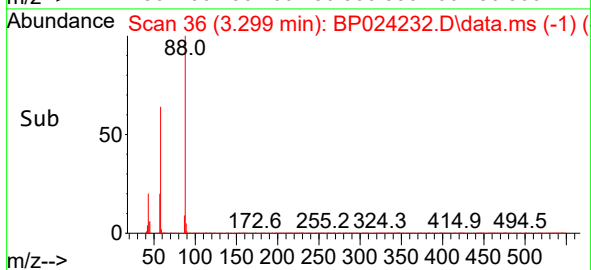
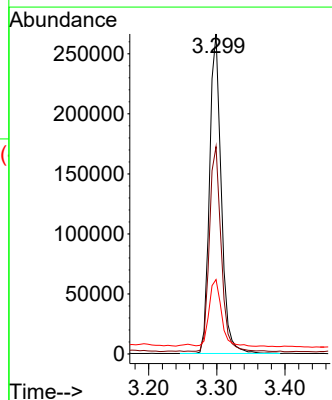
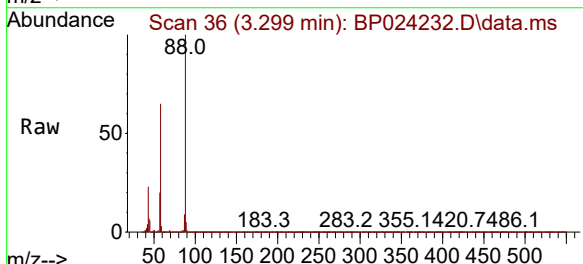
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 OU4-VSL-15-040325MSD

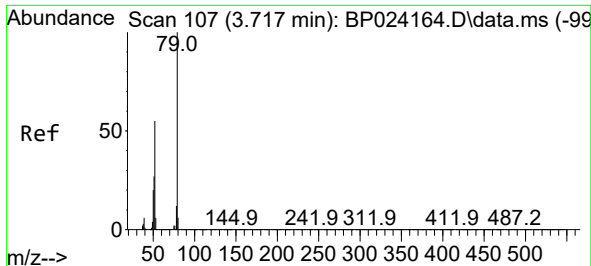
Tgt Ion:152 Resp: 286902
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.5 188.3
 115 60.6 46.3 69.5



#2
 1,4-Dioxane
 Concen: 44.755 ng
 RT: 3.299 min Scan# 36
 Delta R.T. -0.024 min
 Lab File: BP024232.D
 Acq: 09 Apr 2025 12:56

Tgt Ion: 88 Resp: 318850
 Ion Ratio Lower Upper
 88 100
 58 65.3 49.8 74.6
 43 21.8 17.3 25.9

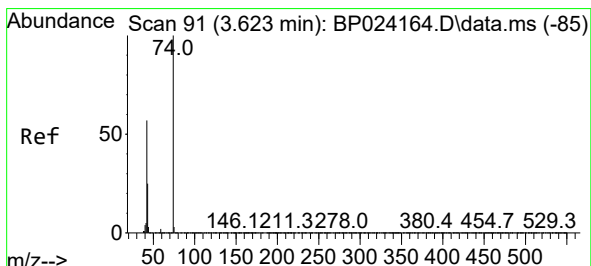
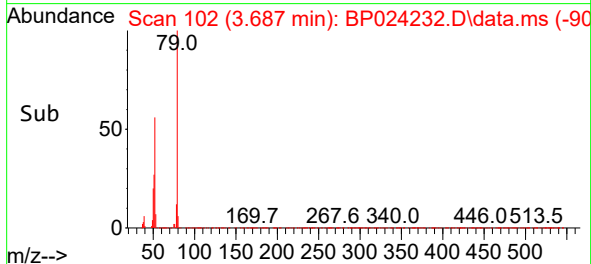
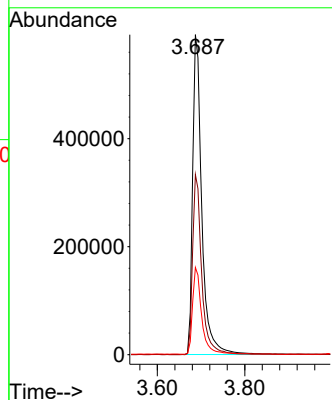
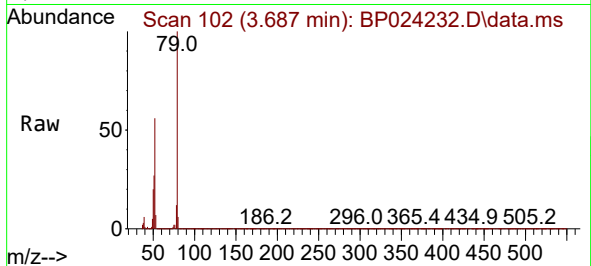




#3
Pyridine
Concen: 44.564 ng
RT: 3.687 min Scan# 10
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

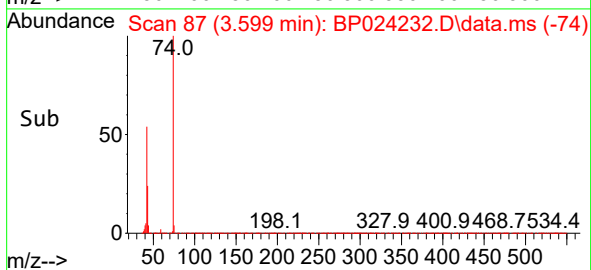
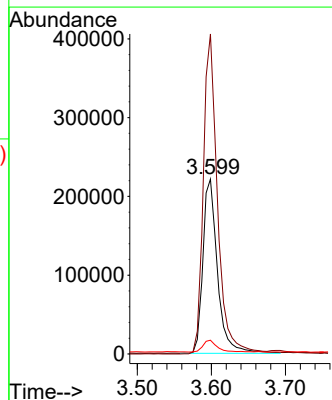
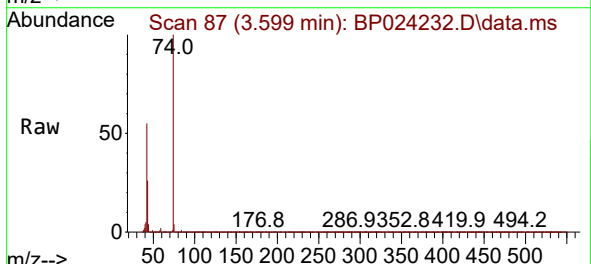
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

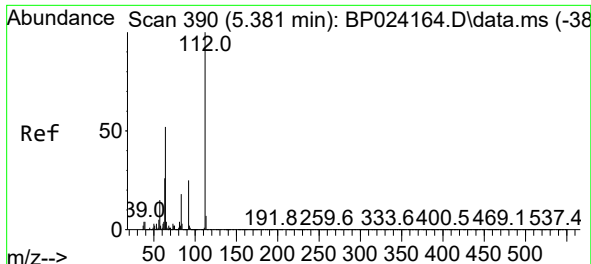
Tgt Ion: 79 Resp: 867946
Ion Ratio Lower Upper
79 100
52 56.3 43.8 65.8
51 27.3 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 46.774 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 42 Resp: 304308
Ion Ratio Lower Upper
42 100
74 182.9 139.8 209.6
44 7.8 5.3 7.9

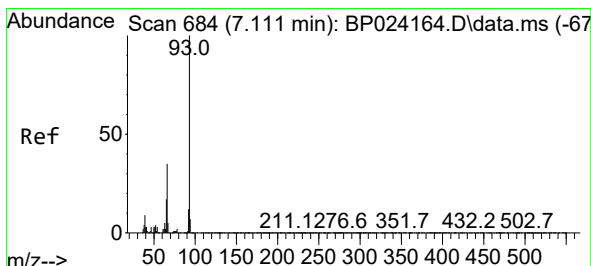
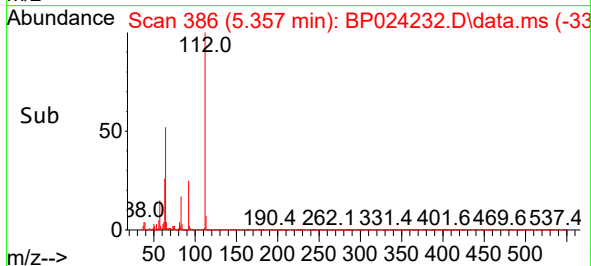
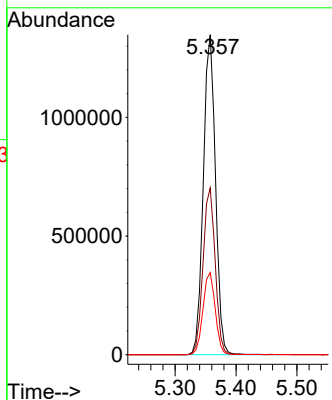
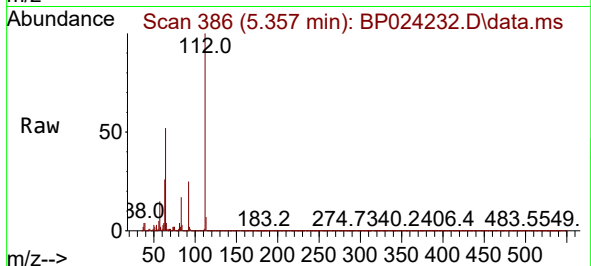




#5
2-Fluorophenol
Concen: 104.166 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

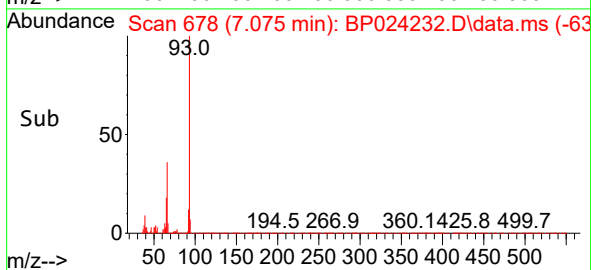
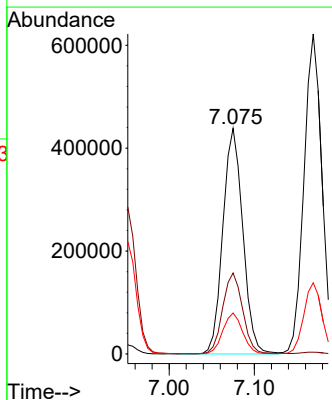
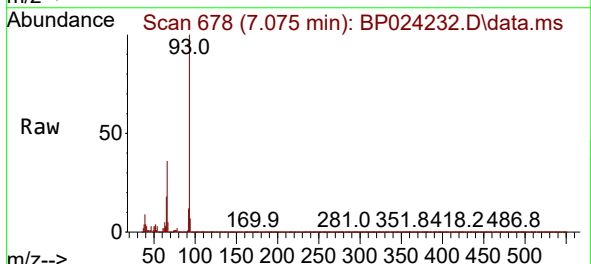
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OU4-VSL-15-040325MSD

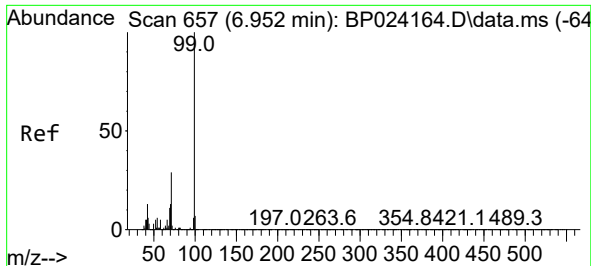
Tgt Ion:112 Resp: 1872195
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 25.6 20.6 31.0



#6
Aniline
Concen: 32.521 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 93 Resp: 712147
Ion Ratio Lower Upper
93 100
66 35.9 28.2 42.2
65 18.1 14.0 21.0





#7

Phenol-d6

Concen: 105.891 ng

RT: 6.922 min Scan# 61

Delta R.T. -0.030 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

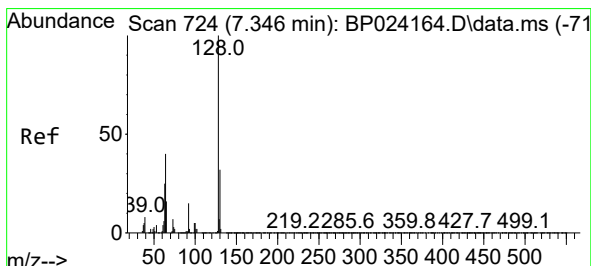
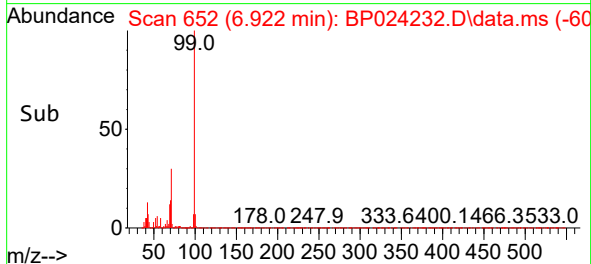
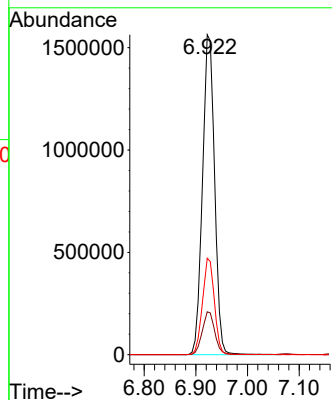
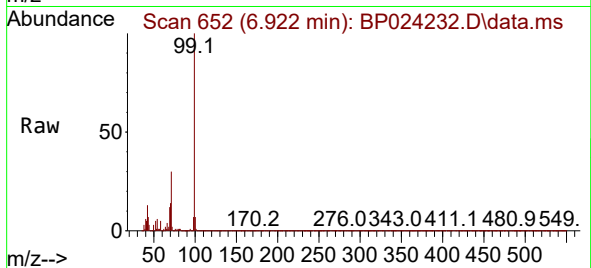
BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion: 99 Resp: 2545054

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	30.1	23.3	34.9



#8

2-Chlorophenol

Concen: 50.355 ng

RT: 7.316 min Scan# 719

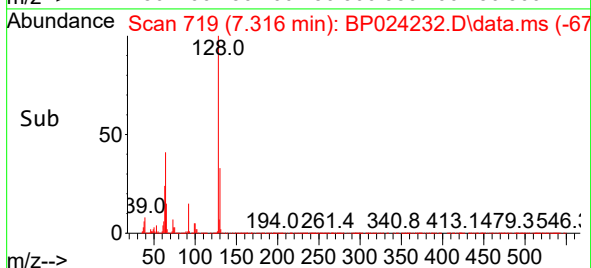
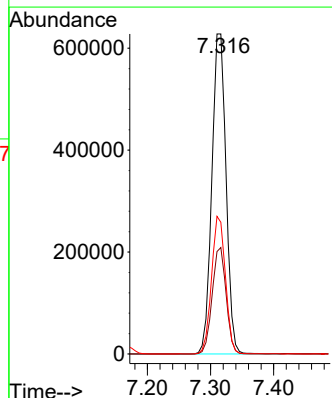
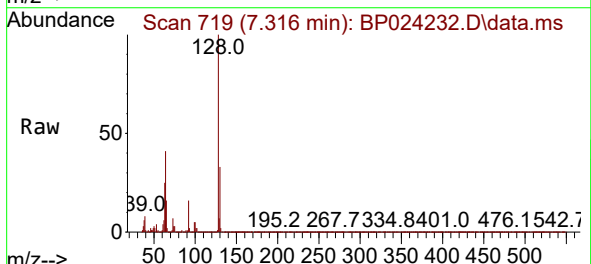
Delta R.T. -0.030 min

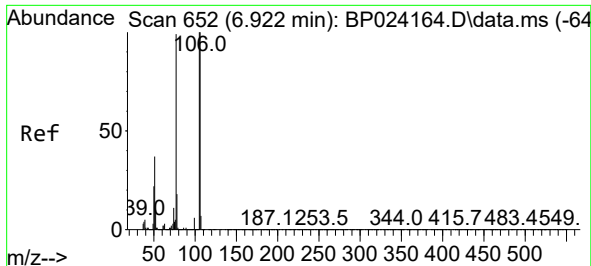
Lab File: BP024232.D

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Tgt Ion:128 Resp: 977587

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	41.2	21.6	61.6

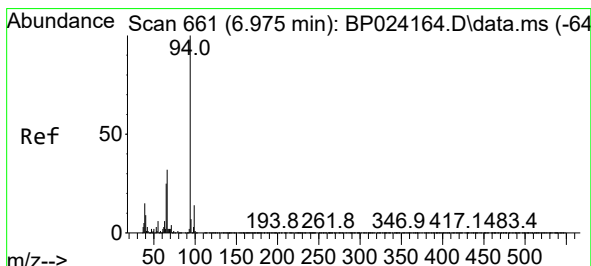
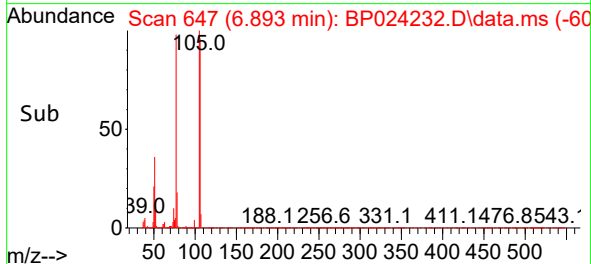
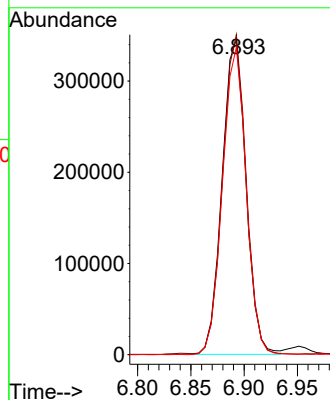
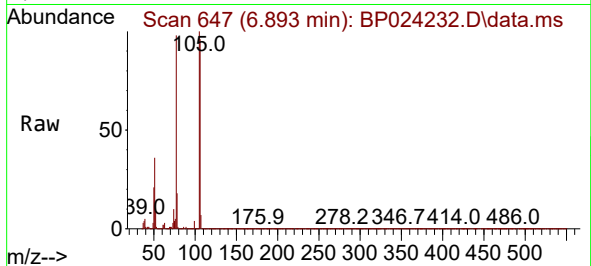




#9
Benzaldehyde
Concen: 46.311 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

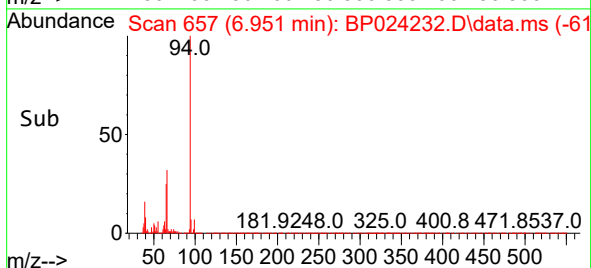
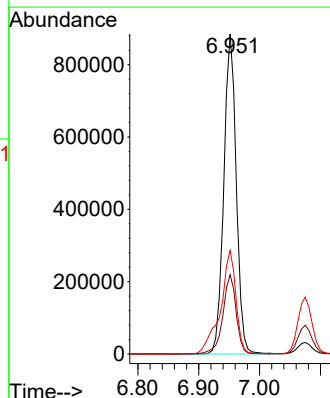
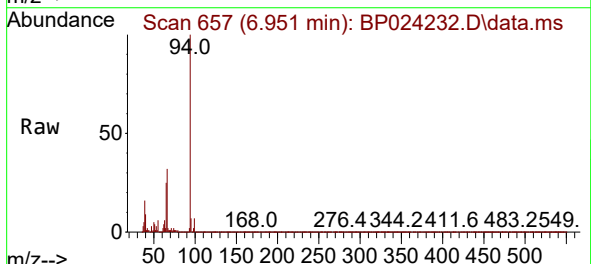
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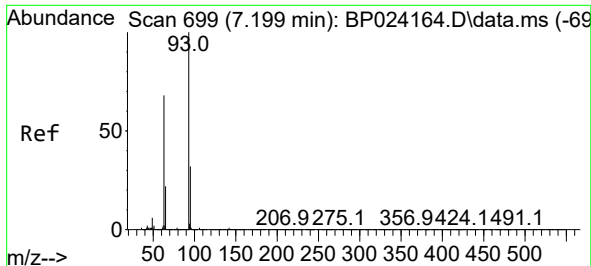
Tgt Ion: 77 Resp: 537154
Ion Ratio Lower Upper
77 100
105 101.6 81.4 121.4
106 97.6 81.1 121.1



#10
Phenol
Concen: 51.807 ng
RT: 6.951 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 94 Resp: 1256999
Ion Ratio Lower Upper
94 100
65 24.7 4.9 44.9
66 32.4 11.9 51.9

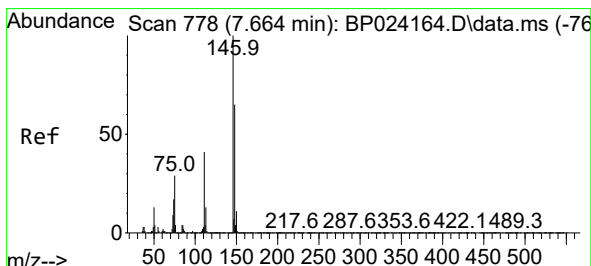
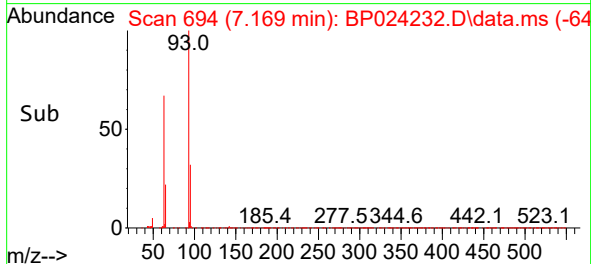
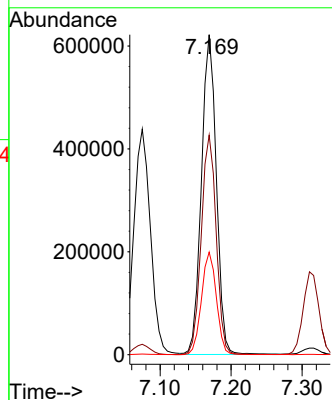
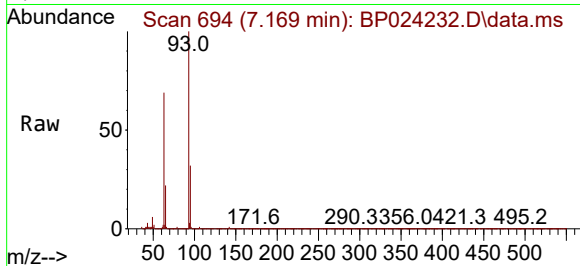




#11
bis(2-Chloroethyl)ether
Concen: 47.599 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

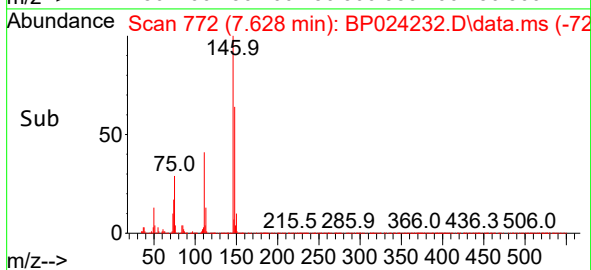
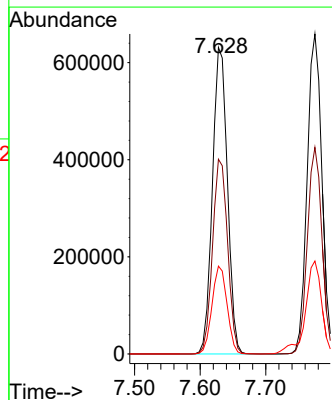
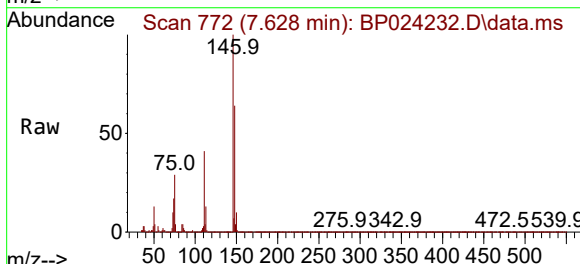
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

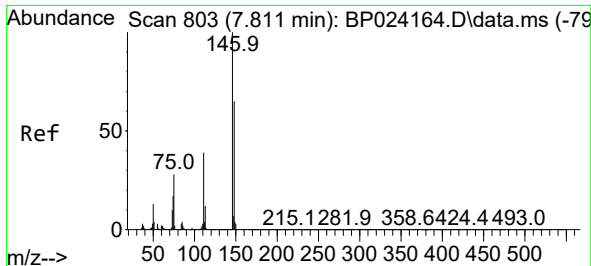
Tgt Ion: 93 Resp: 910757
Ion Ratio Lower Upper
93 100
63 68.6 47.4 87.4
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.770 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 146 Resp: 1000080
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 28.7 22.8 34.2

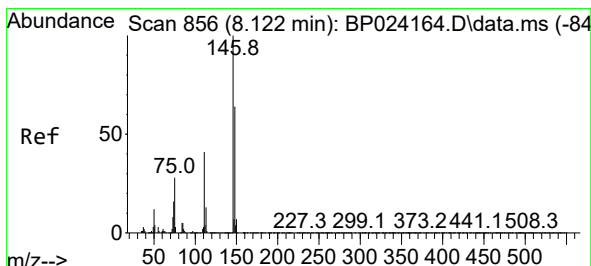
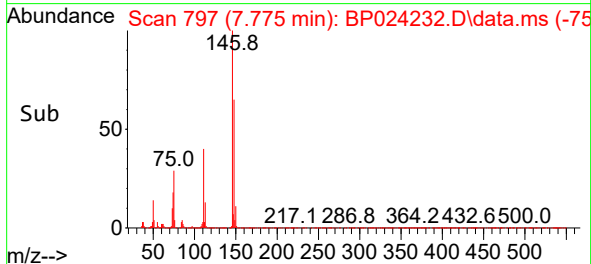
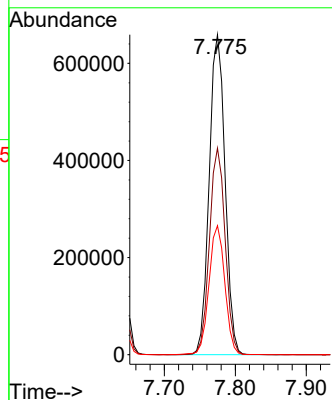
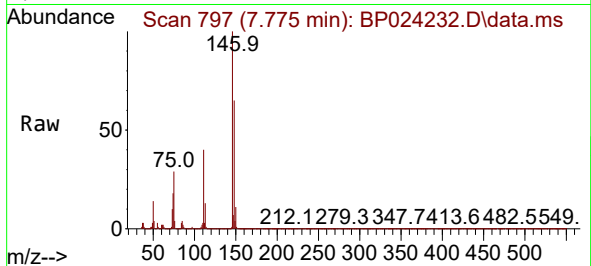




#13
1,4-Dichlorobenzene
Concen: 47.794 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

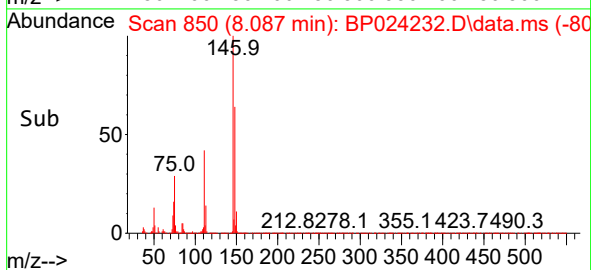
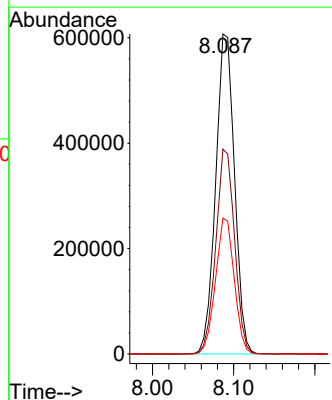
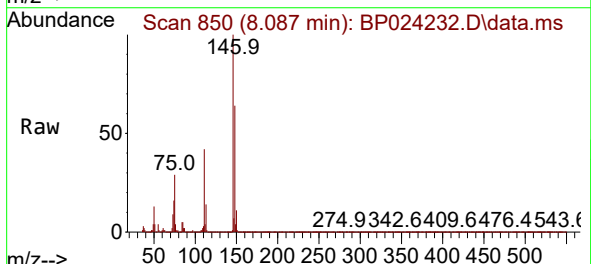
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

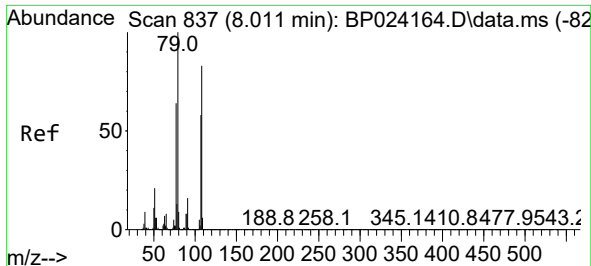
Tgt Ion:146 Resp: 1021633
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.830 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:146 Resp: 981103
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 42.4 33.2 49.8

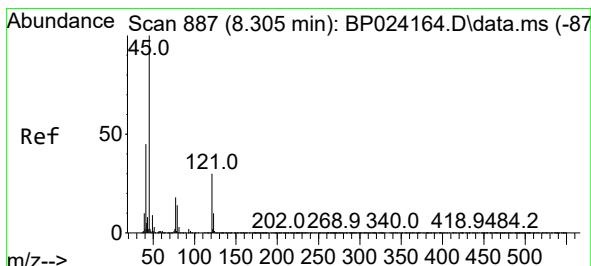
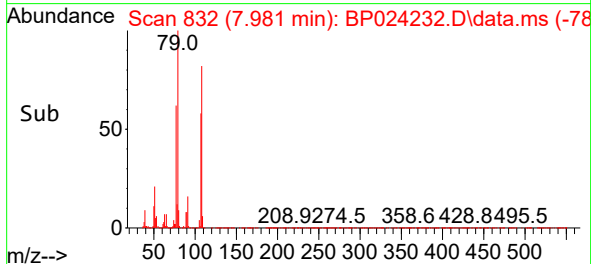
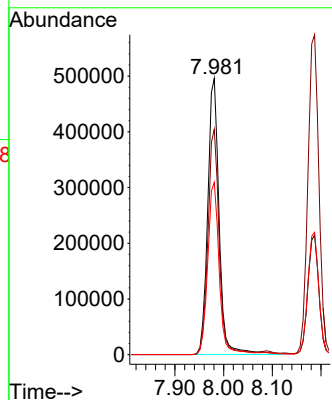
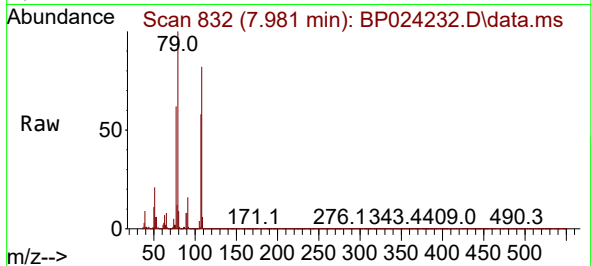




#15
Benzyl Alcohol
Concen: 52.832 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

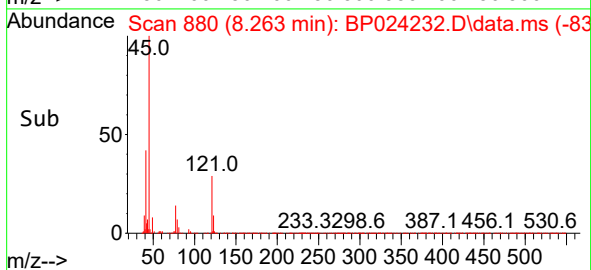
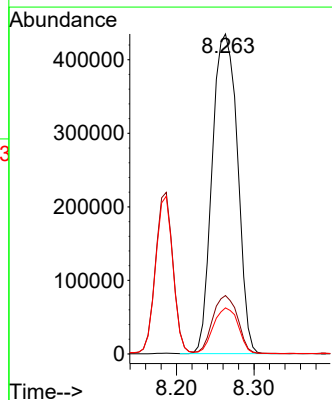
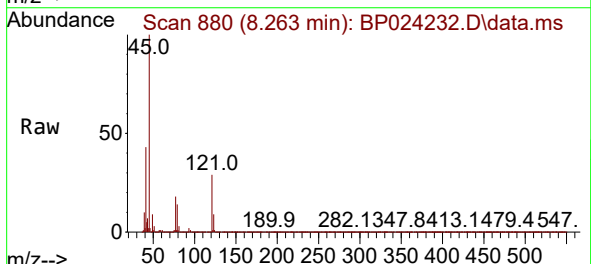
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

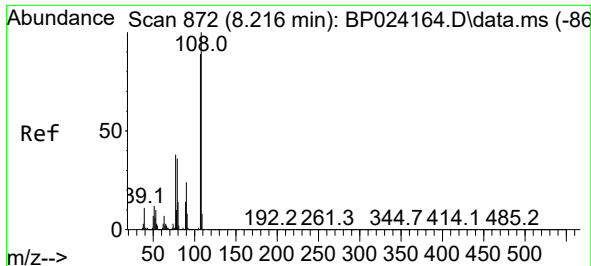
Tgt Ion: 79 Resp: 803918
Ion Ratio Lower Upper
79 100
108 81.6 66.5 99.7
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.415 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 45 Resp: 984526
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 14.4 0.0 35.6

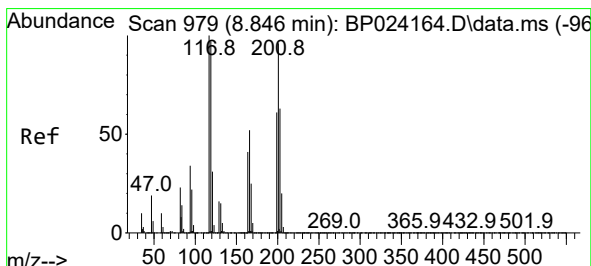
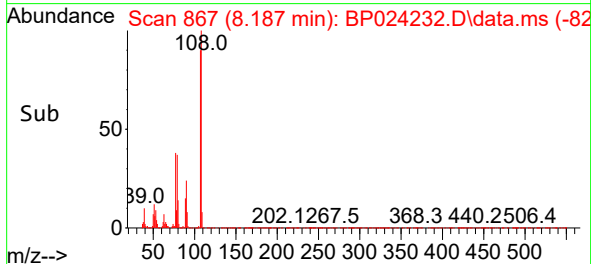
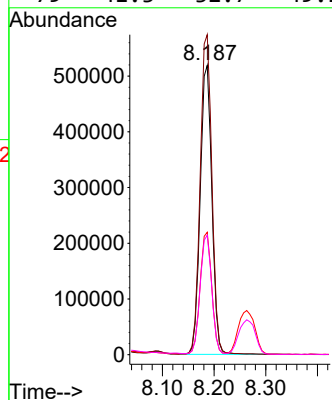
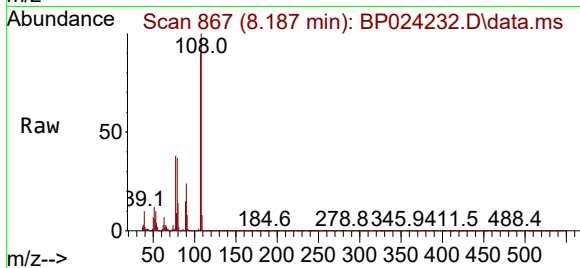




#17
2-Methylphenol
Concen: 53.399 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

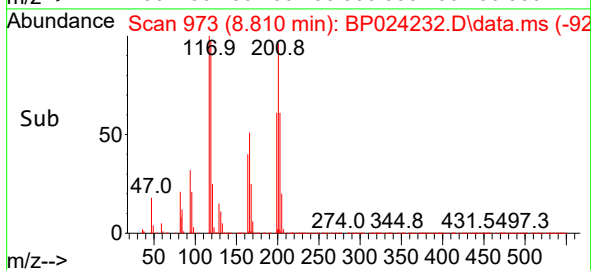
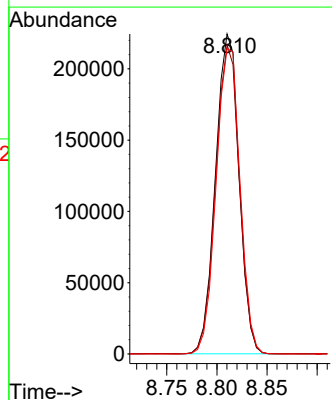
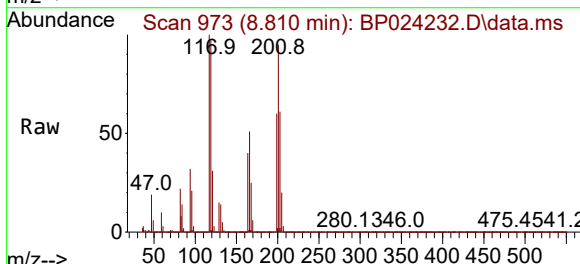
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

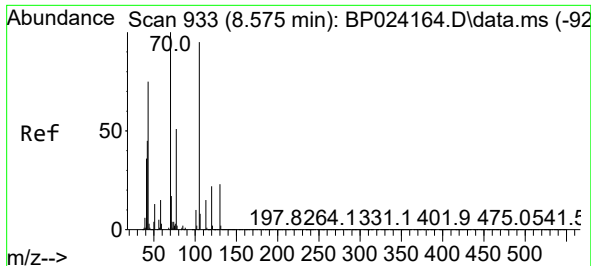
Tgt Ion:107 Resp: 812455
Ion Ratio Lower Upper
107 100
108 110.6 90.0 135.0
77 42.3 34.0 51.0
79 41.3 32.7 49.1



#18
Hexachloroethane
Concen: 48.428 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:117 Resp: 367262
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 95.4 76.6 114.8

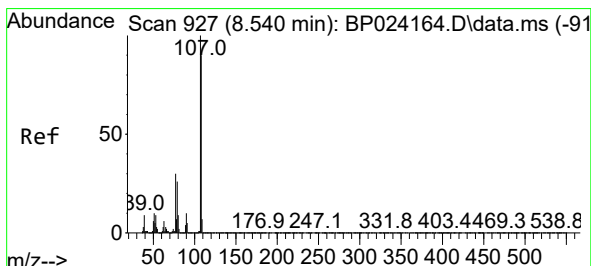
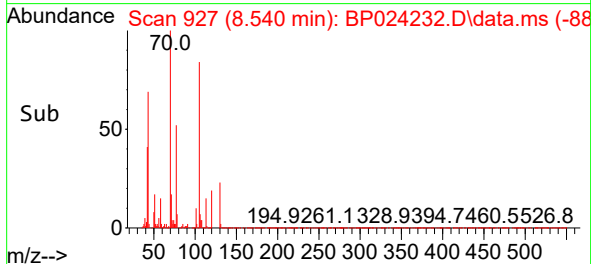
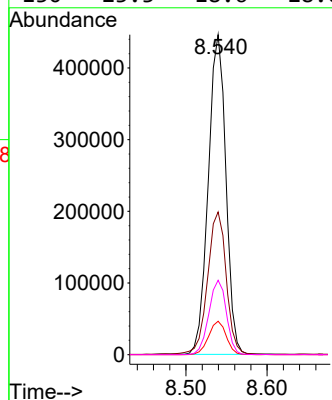
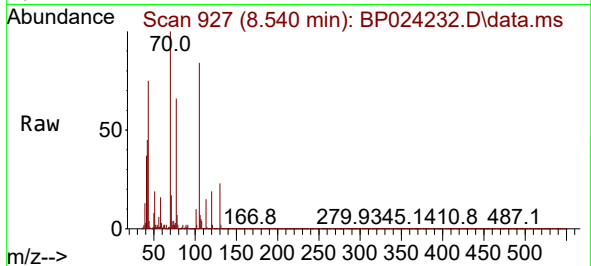




#19
n-Nitroso-di-n-propylamine
Concen: 48.176 ng
RT: 8.540 min Scan# 911
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

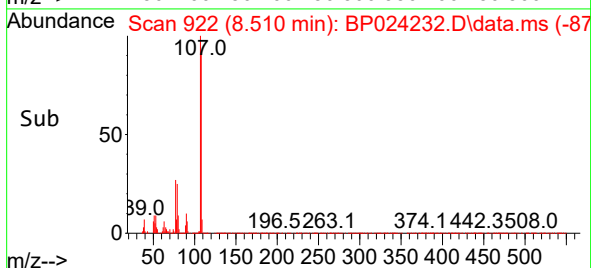
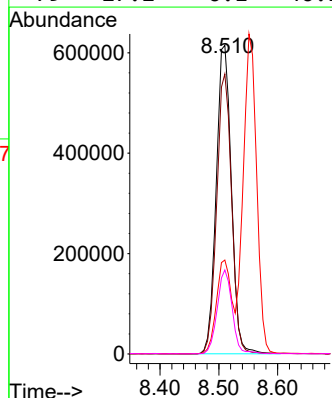
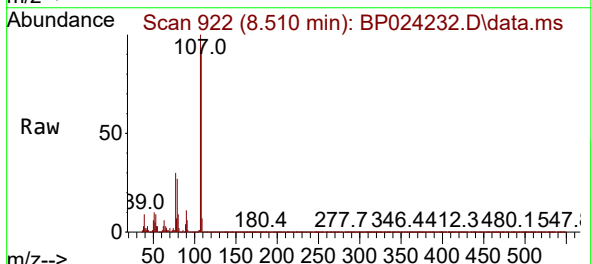
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

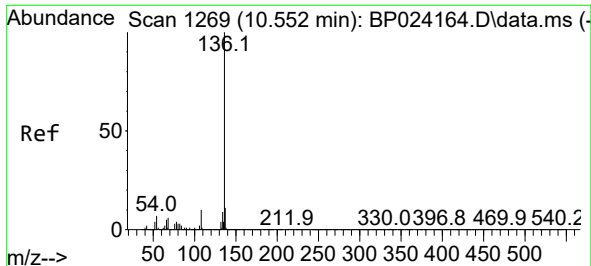
Tgt Ion: 70 Resp: 671750
Ion Ratio Lower Upper
70 100
42 44.6 36.0 54.0
101 10.5 8.3 12.5
130 23.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 52.679 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 107 Resp: 1101160
Ion Ratio Lower Upper
107 100
108 90.7 69.7 109.7
77 30.4 10.3 50.3
79 27.2 6.1 46.1

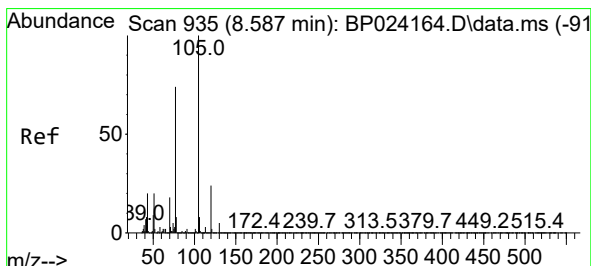
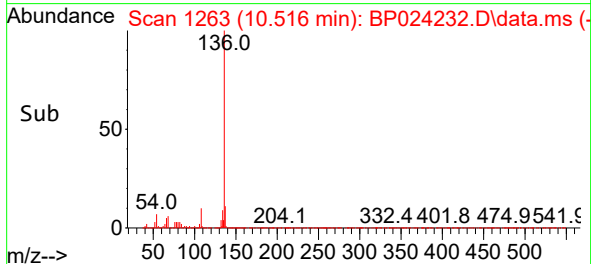
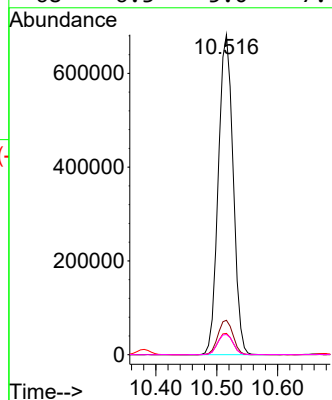
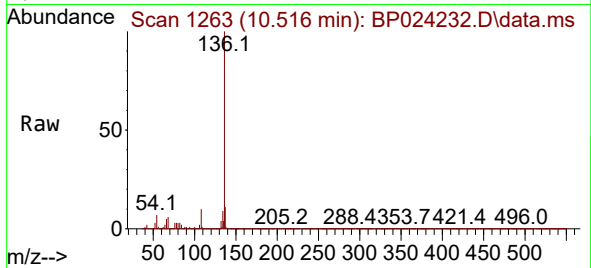




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

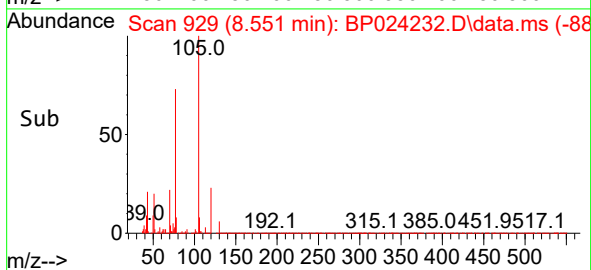
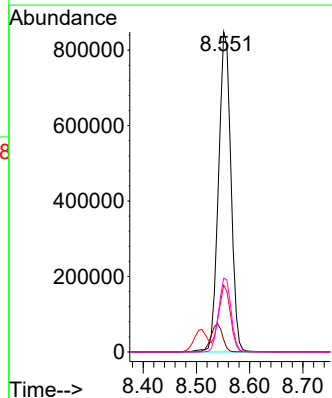
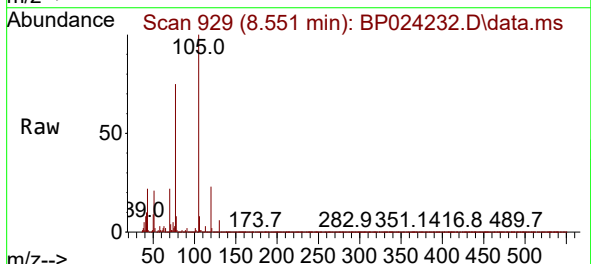
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

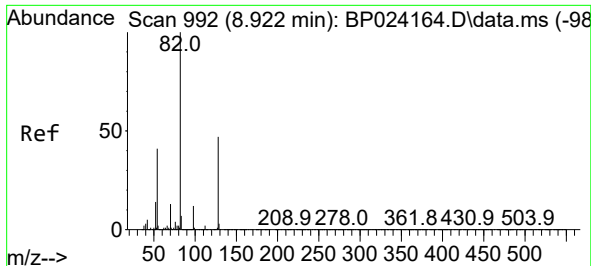
Tgt Ion:136 Resp: 1149847
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.6 5.3 7.9
68 6.3 5.0 7.4



#22
Acetophenone
Concen: 47.081 ng
RT: 8.551 min Scan# 929
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:105 Resp: 1368679
Ion Ratio Lower Upper
105 100
71 3.7 2.4 3.6#
51 20.8 16.2 24.2
120 23.1 19.0 28.6

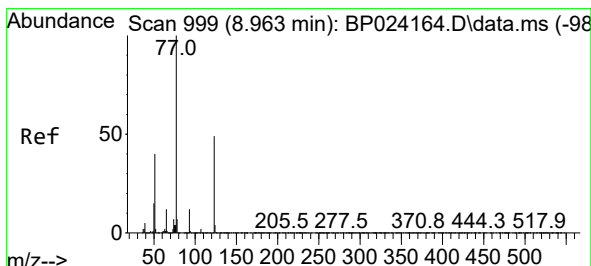
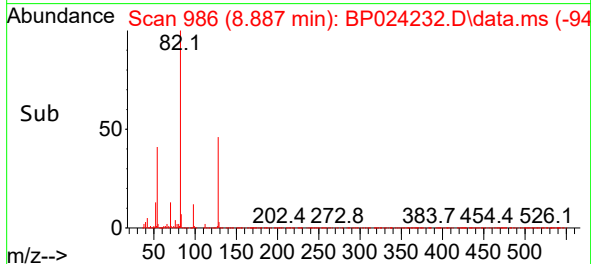
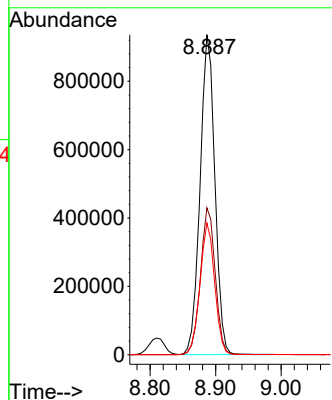
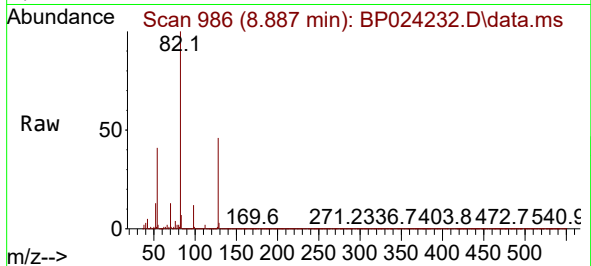




#23
Nitrobenzene-d5
Concen: 72.097 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

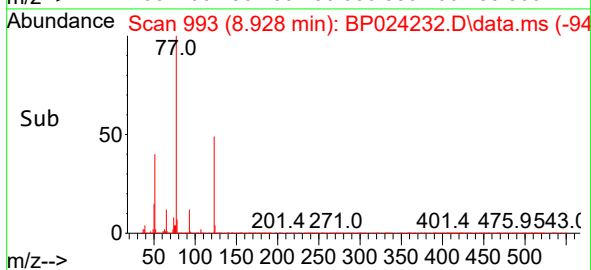
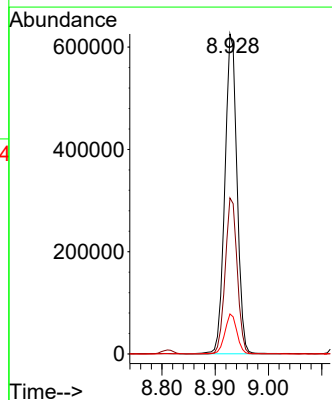
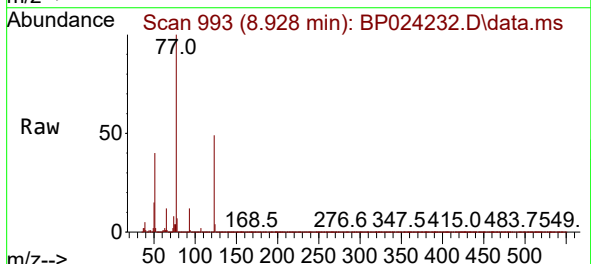
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

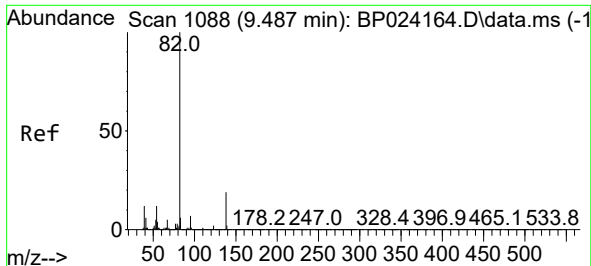
Tgt Ion: 82 Resp: 1469315
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 41.2 32.5 48.7



#24
Nitrobenzene
Concen: 49.240 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 77 Resp: 989940
Ion Ratio Lower Upper
77 100
123 48.8 39.4 59.2
65 12.5 9.9 14.9

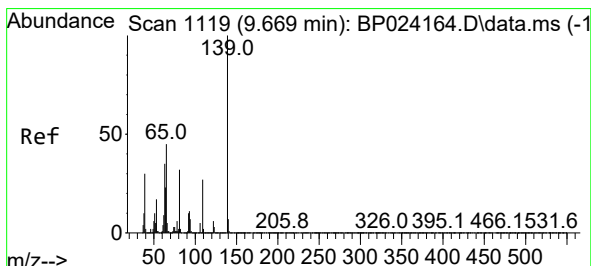
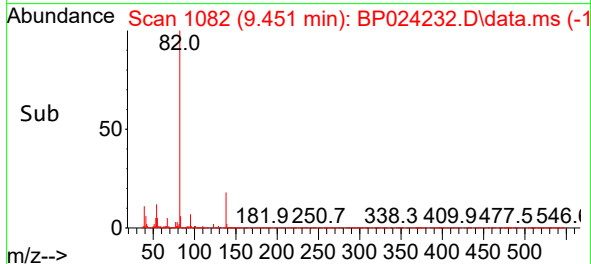
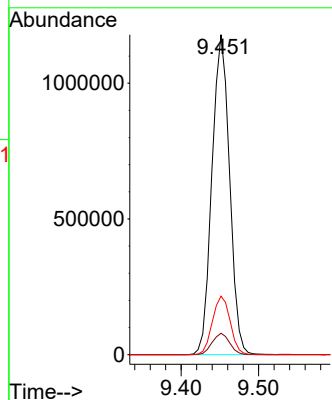
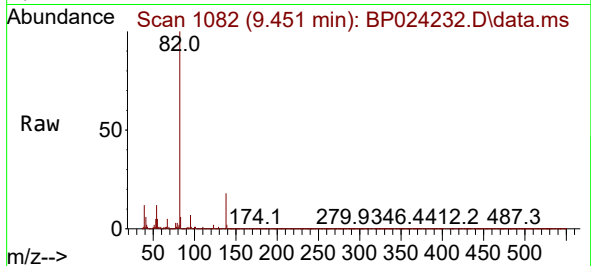




#25
Isophorone
Concen: 53.151 ng
RT: 9.451 min Scan# 1082
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

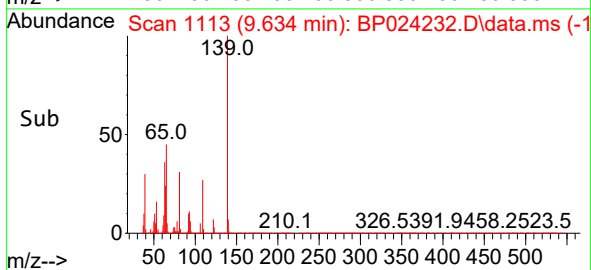
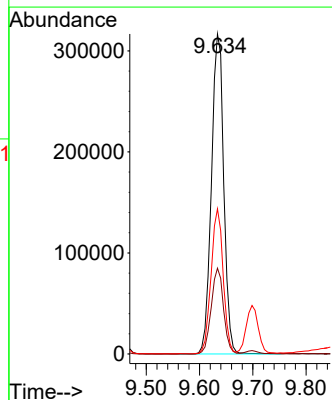
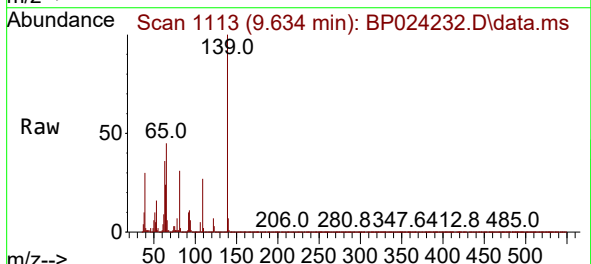
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

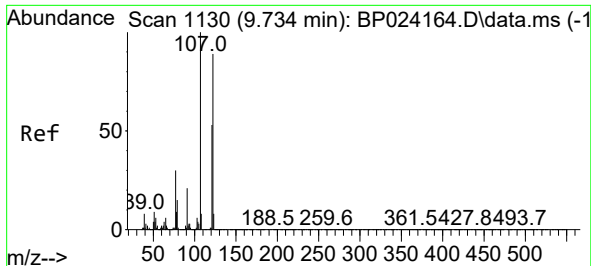
Tgt Ion: 82 Resp: 1856824
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 52.975 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 139 Resp: 508733
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 45.4 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 68.341 ng

RT: 9.698 min Scan# 1124

Delta R.T. -0.036 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

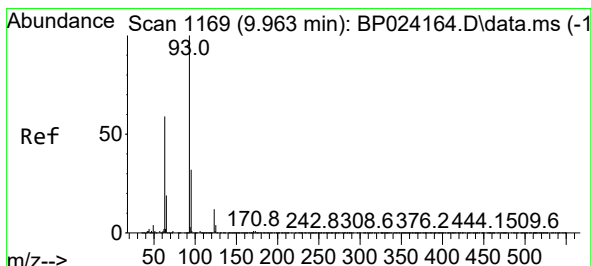
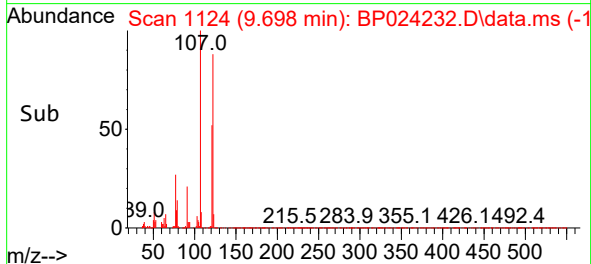
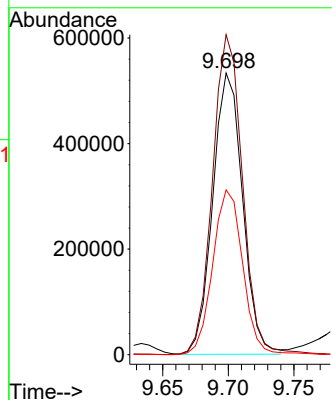
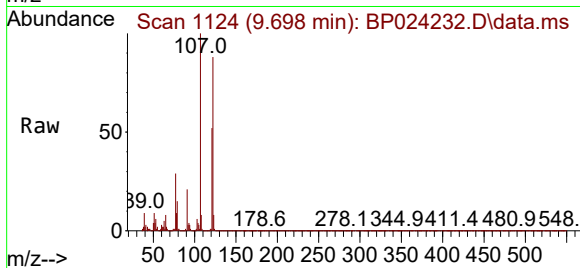
Tgt Ion:122 Resp: 843916

Ion Ratio Lower Upper

122 100

107 113.6 89.3 133.9

121 58.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 48.863 ng

RT: 9.928 min Scan# 1163

Delta R.T. -0.036 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

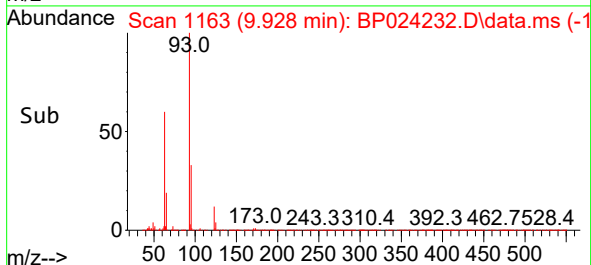
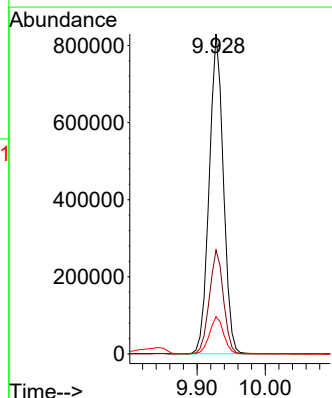
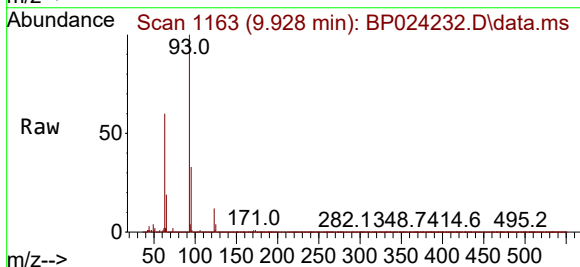
Tgt Ion: 93 Resp: 1200865

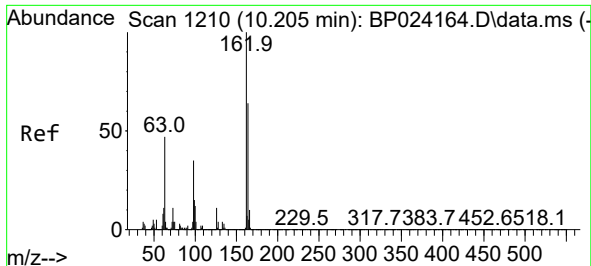
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 51.897 ng

RT: 10.169 min Scan# 1210

Delta R.T. -0.036 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

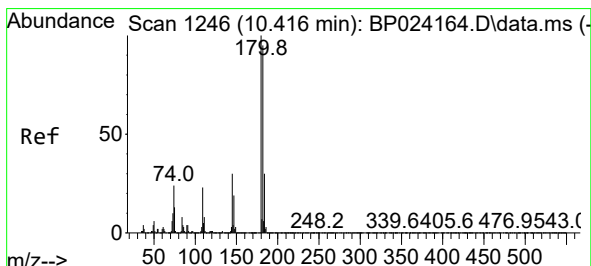
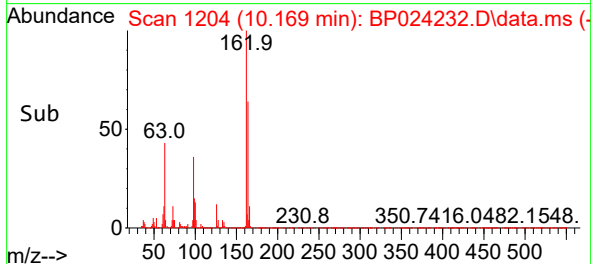
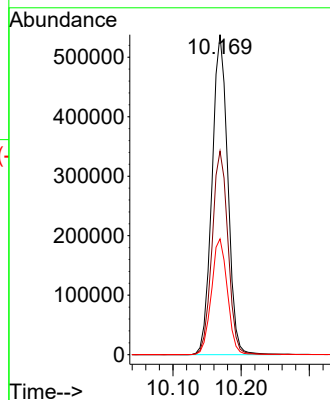
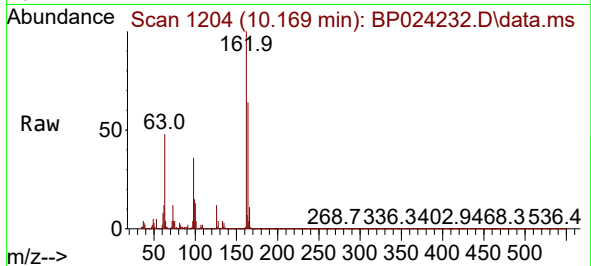
Tgt Ion:162 Resp: 866930

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

98 36.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 47.256 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.036 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

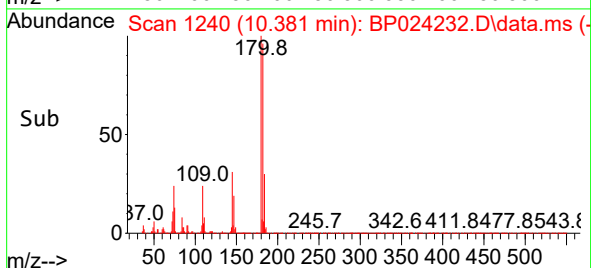
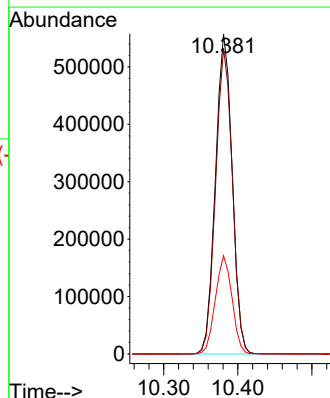
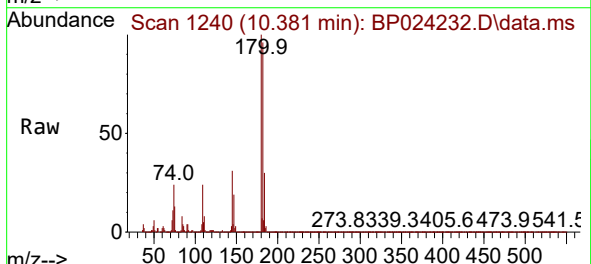
Tgt Ion:180 Resp: 872159

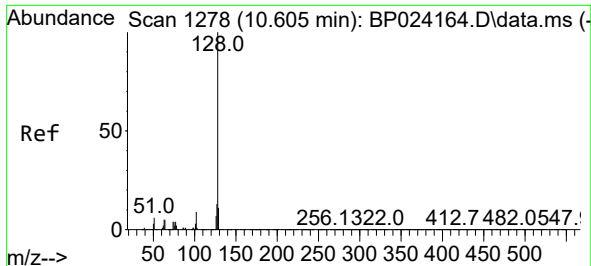
Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 30.7 24.2 36.2

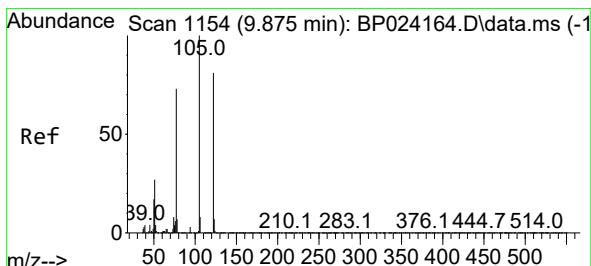
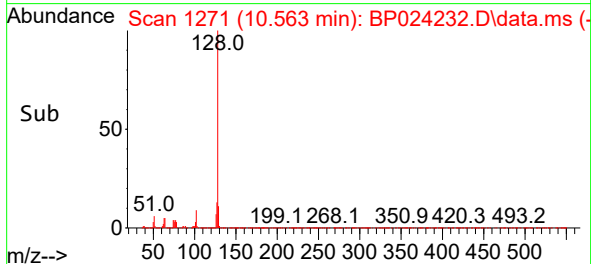
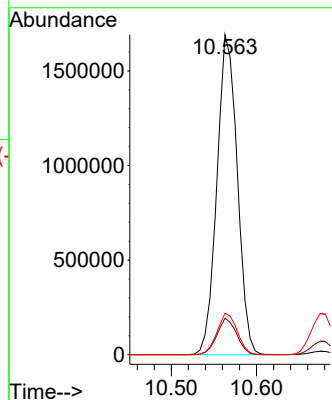
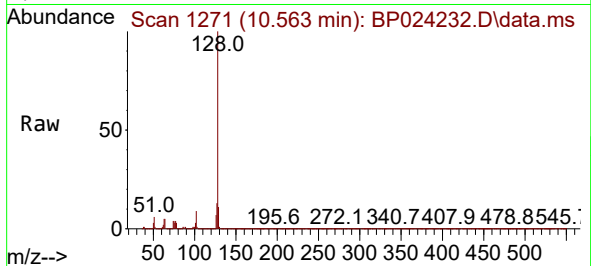




#31
Naphthalene
Concen: 46.184 ng
RT: 10.563 min Scan# 1149
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

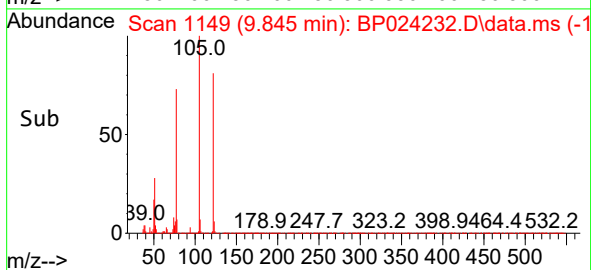
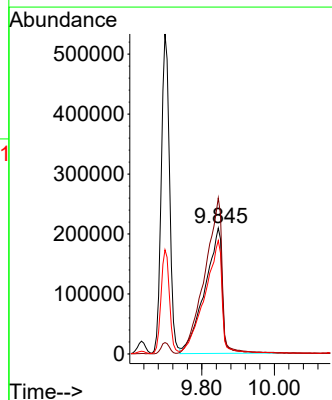
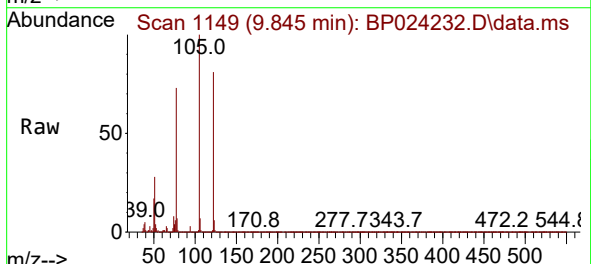
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

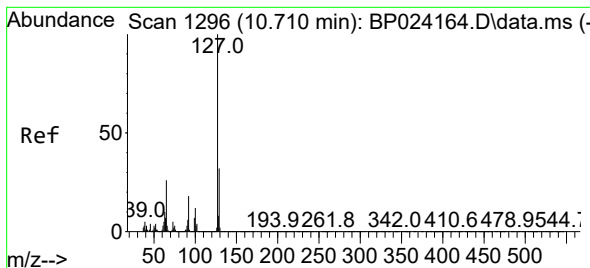
Tgt Ion:128 Resp: 2815023
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 58.361 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:122 Resp: 702851
Ion Ratio Lower Upper
122 100
105 123.9 100.3 140.3
77 90.0 69.1 109.1





#33

4-Chloroaniline

Concen: 18.193 ng

RT: 10.675 min Scan# 1296

Delta R.T. -0.036 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:127 Resp: 396843

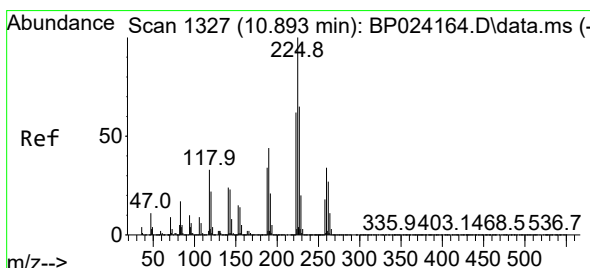
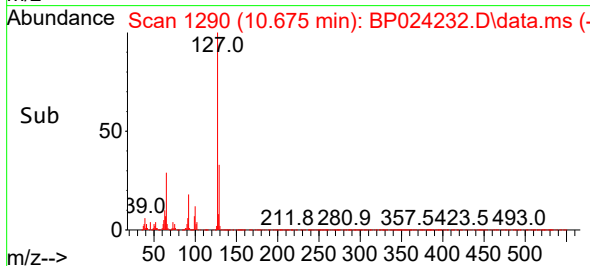
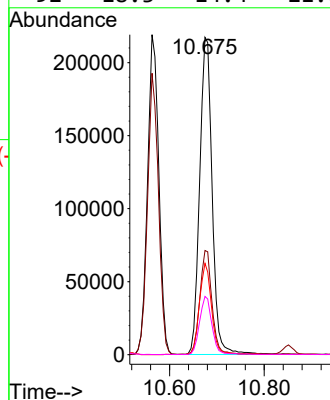
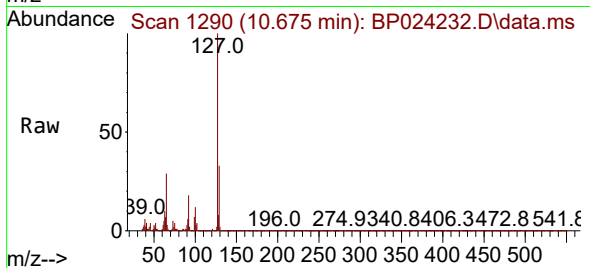
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.6

65 28.8 21.2 31.8

92 18.3 14.4 21.6



#34

Hexachlorobutadiene

Concen: 47.250 ng

RT: 10.851 min Scan# 1320

Delta R.T. -0.042 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

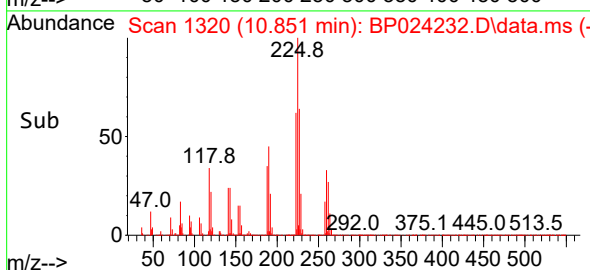
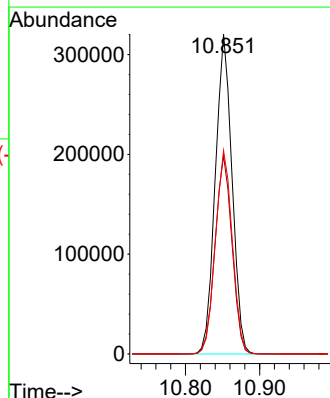
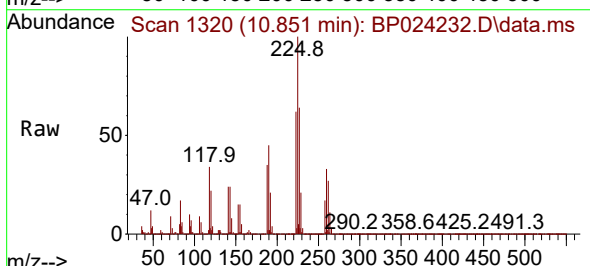
Tgt Ion:225 Resp: 501884

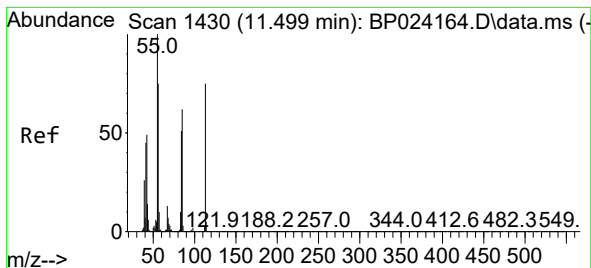
Ion Ratio Lower Upper

225 100

223 61.9 49.9 74.9

227 63.6 52.2 78.2

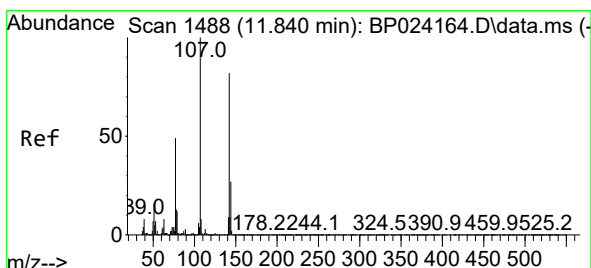
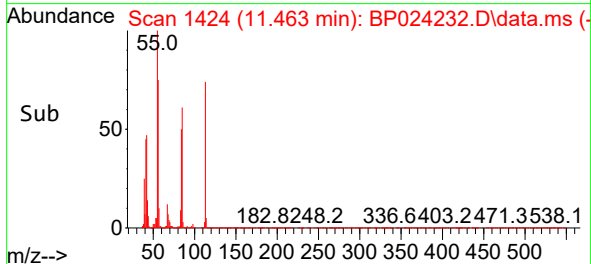
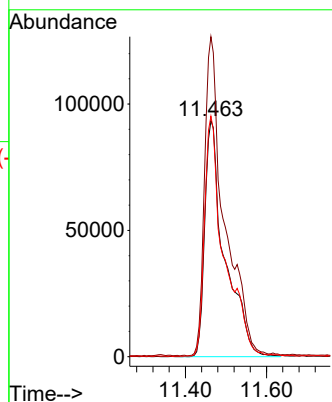
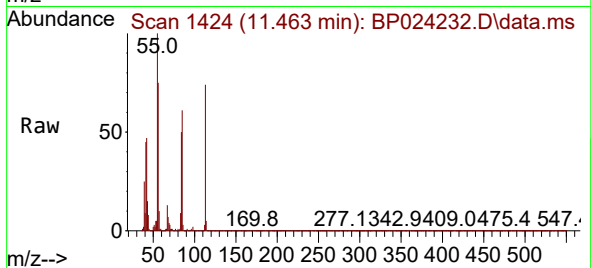




#35
Caprolactam
Concen: 57.912 ng
RT: 11.463 min Scan# 1424
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

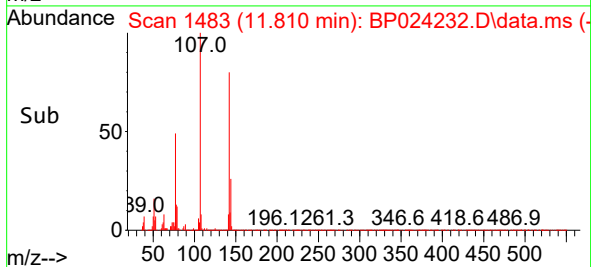
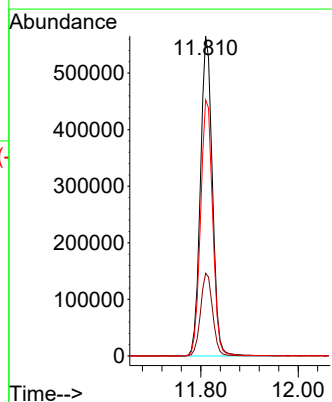
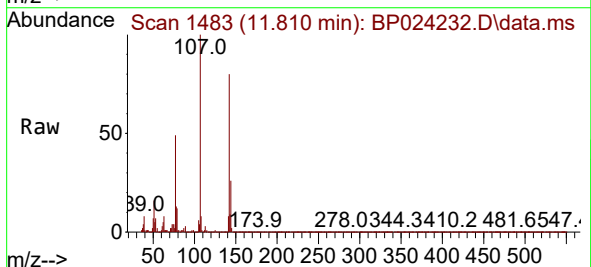
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

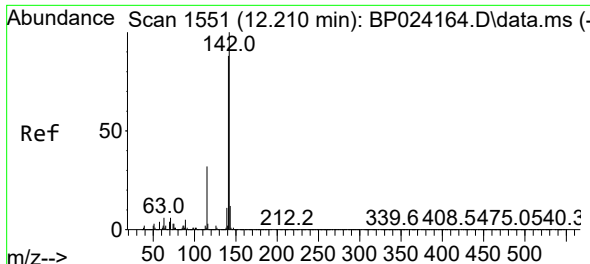
Tgt Ion:113 Resp: 317058
Ion Ratio Lower Upper
113 100
55 135.6 113.6 153.6
56 101.9 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 53.509 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:107 Resp: 964274
Ion Ratio Lower Upper
107 100
144 25.9 21.6 32.4
142 80.0 65.4 98.0

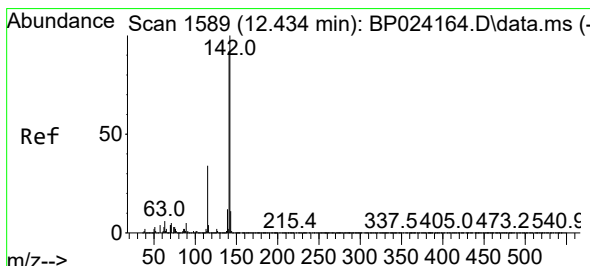
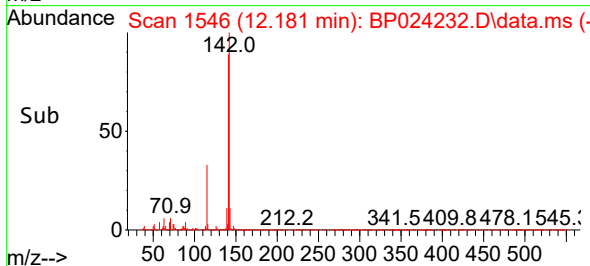
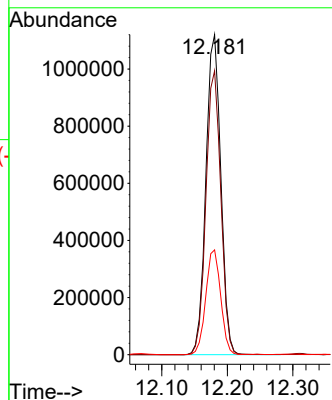
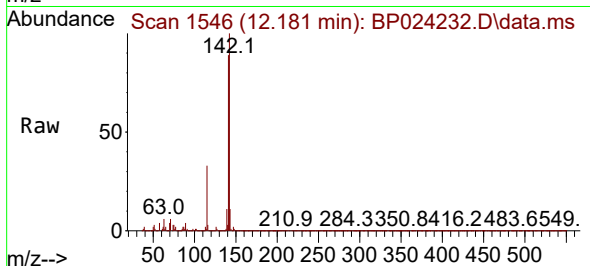




#37
2-Methylnaphthalene
Concen: 43.082 ng
RT: 12.181 min Scan# 1546
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

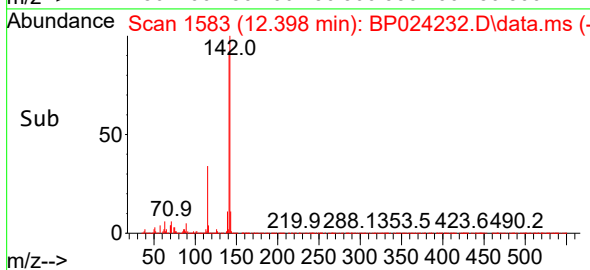
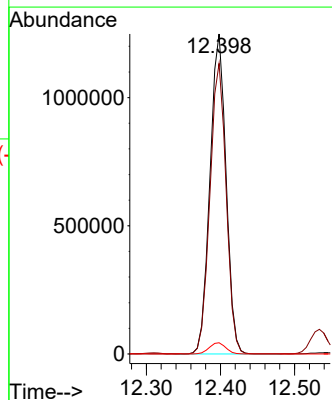
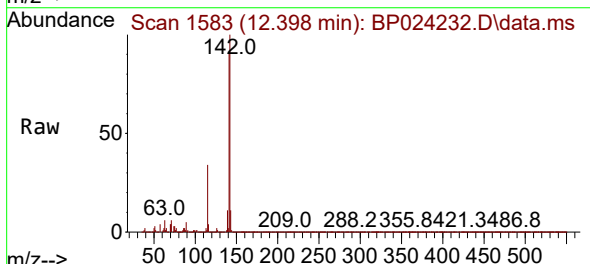
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

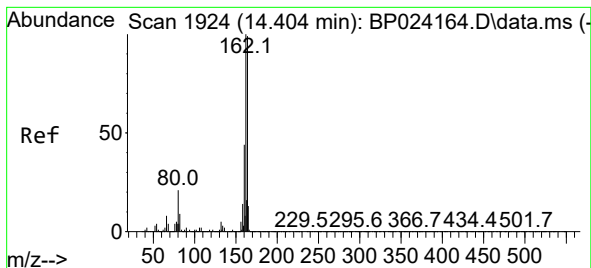
Tgt Ion:142 Resp: 1774016
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 32.8 26.0 39.0



#38
1-Methylnaphthalene
Concen: 46.957 ng
RT: 12.398 min Scan# 1583
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:142 Resp: 1880682
Ion Ratio Lower Upper
142 100
141 90.8 73.9 110.9
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1919

Delta R.T. -0.030 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

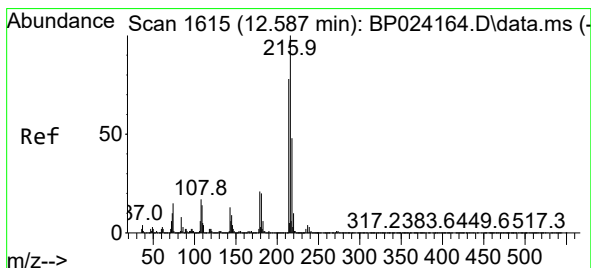
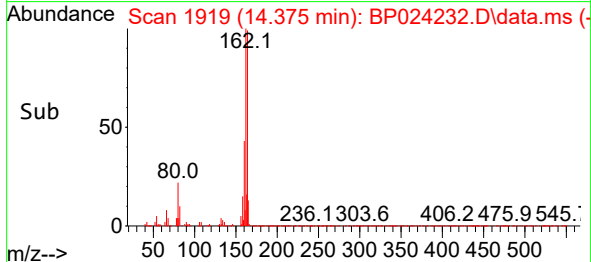
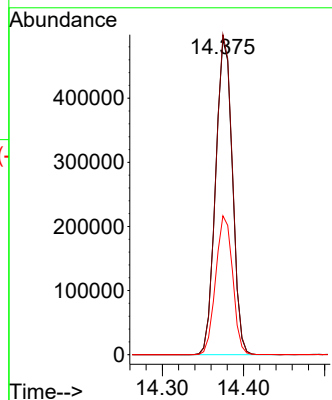
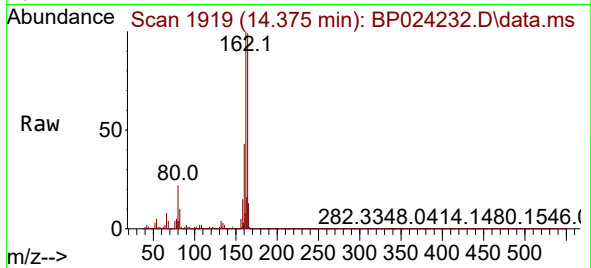
Tgt Ion:164 Resp: 708393

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

160 44.1 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.744 ng

RT: 12.557 min Scan# 1610

Delta R.T. -0.030 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Tgt Ion:216 Resp: 936735

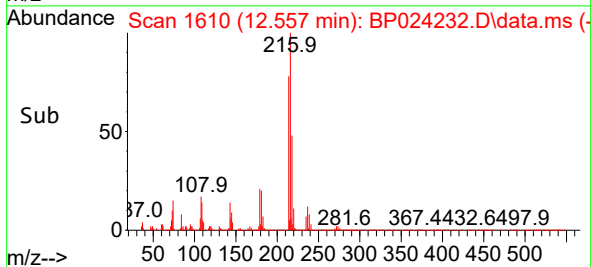
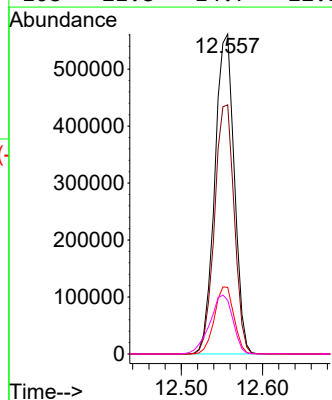
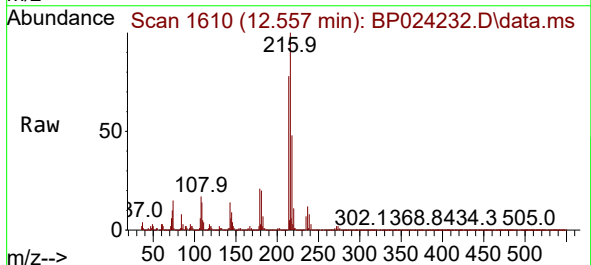
Ion Ratio Lower Upper

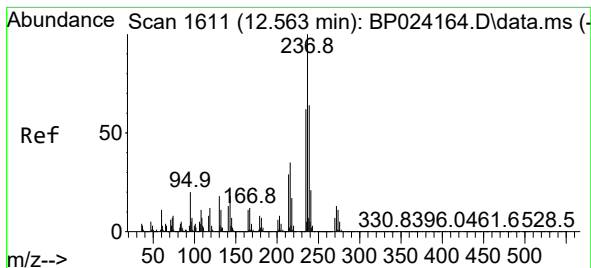
216 100

214 78.6 62.8 94.2

179 21.0 16.8 25.2

108 21.8 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 169.622 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.030 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

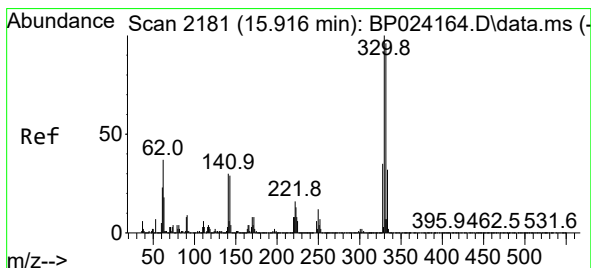
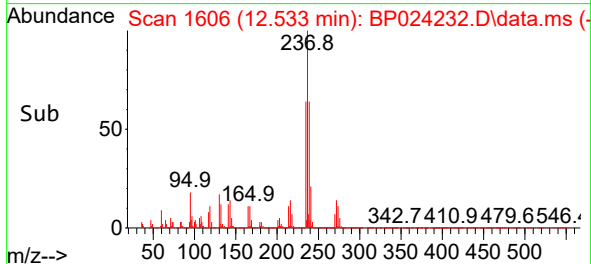
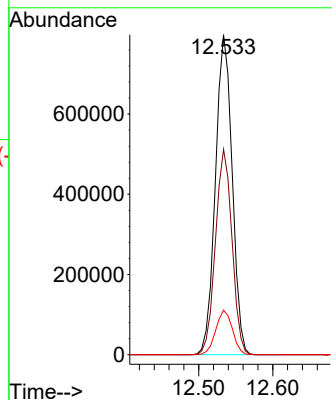
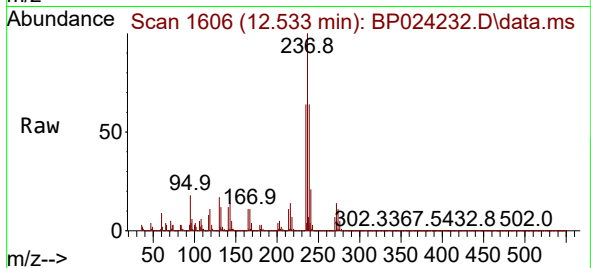
Tgt Ion:237 Resp: 1252054

Ion Ratio Lower Upper

237 100

235 64.2 41.8 81.8

272 13.9 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 101.268 ng

RT: 15.898 min Scan# 2178

Delta R.T. -0.018 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

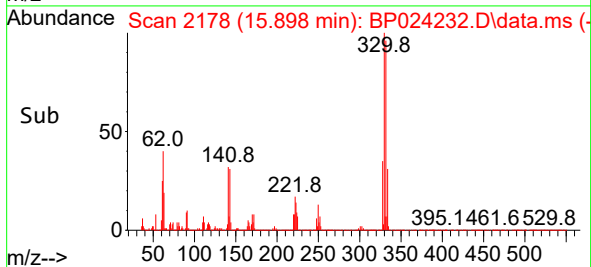
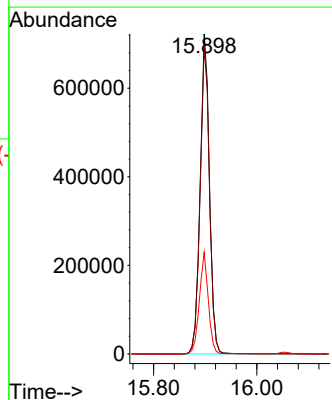
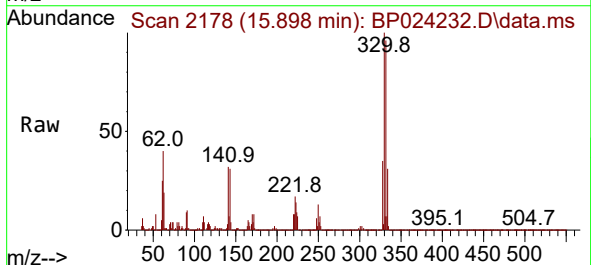
Tgt Ion:330 Resp: 903624

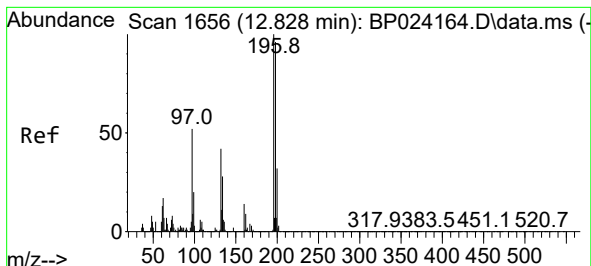
Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 30.5 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 52.249 ng

RT: 12.798 min Scan# 1

Delta R.T. -0.030 min

Lab File: BP024232.D

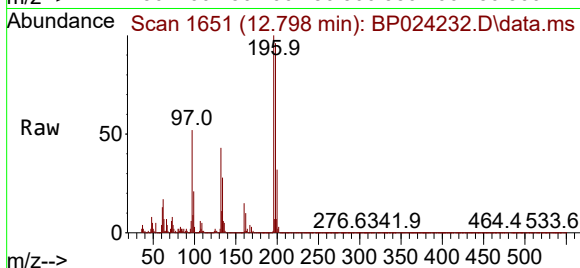
Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



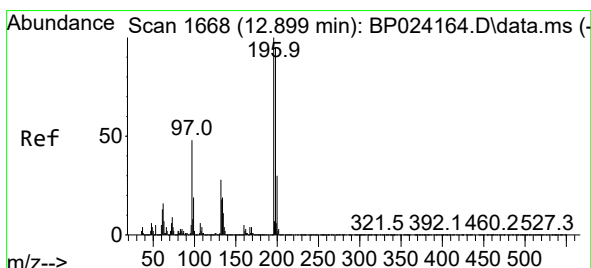
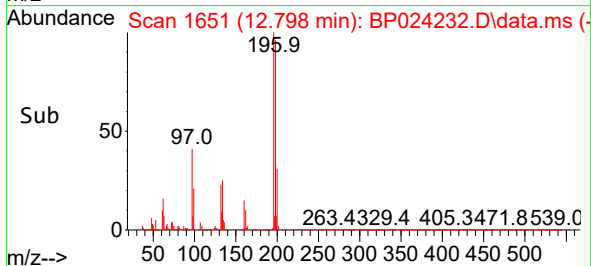
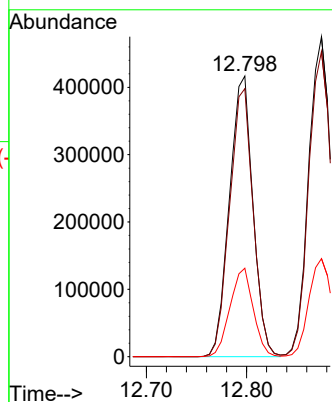
Tgt Ion:196 Resp: 679967

Ion Ratio Lower Upper

196 100

198 95.5 76.6 115.0

200 31.5 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 52.596 ng

RT: 12.875 min Scan# 1664

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Tgt Ion:196 Resp: 750647

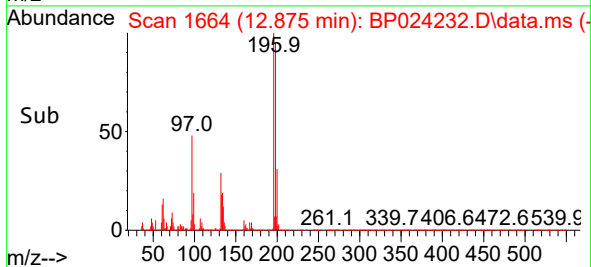
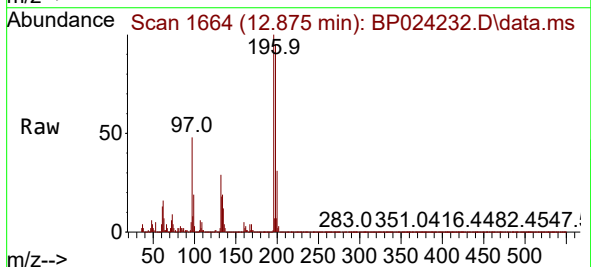
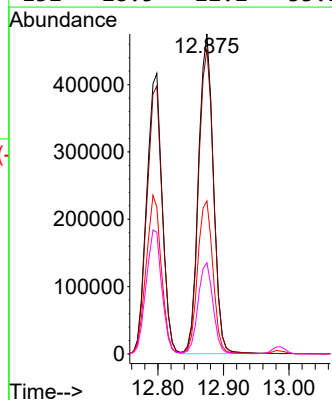
Ion Ratio Lower Upper

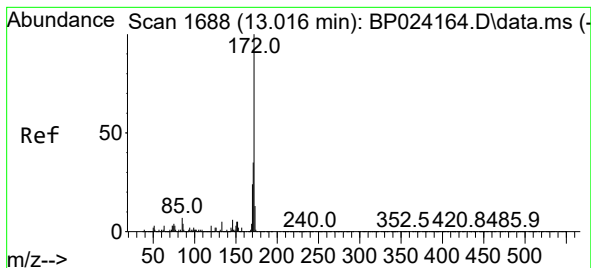
196 100

198 95.4 76.5 114.7

97 47.8 38.7 58.1

132 28.5 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 69.774 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.030 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

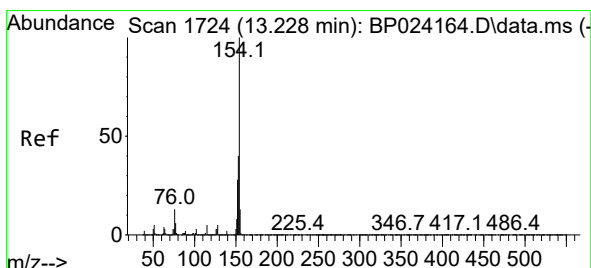
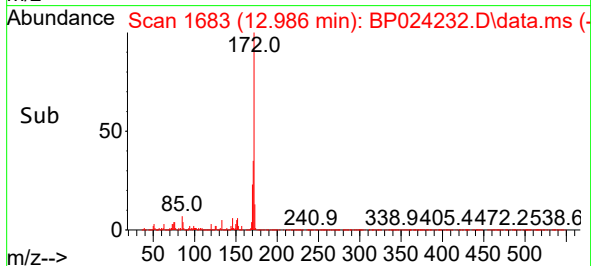
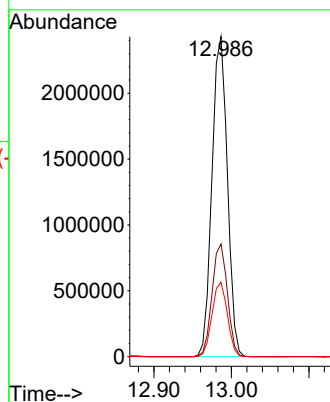
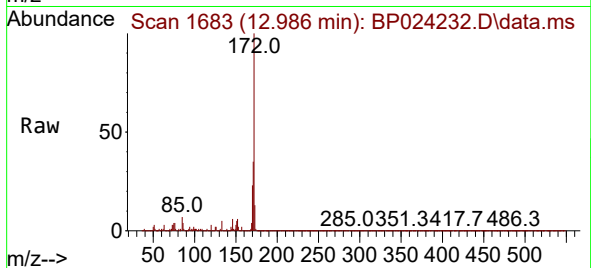
Tgt Ion:172 Resp: 3352065

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.775 ng

RT: 13.204 min Scan# 1720

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

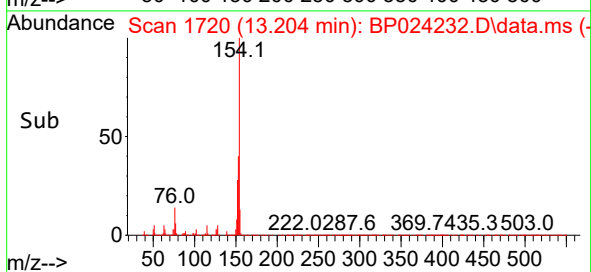
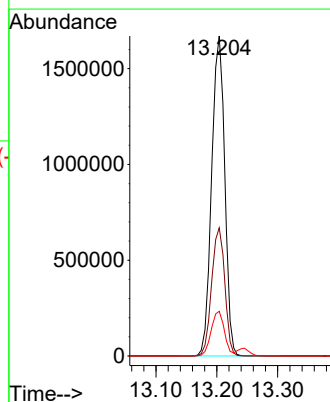
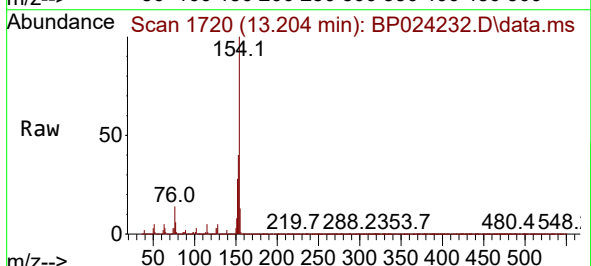
Tgt Ion:154 Resp: 2489932

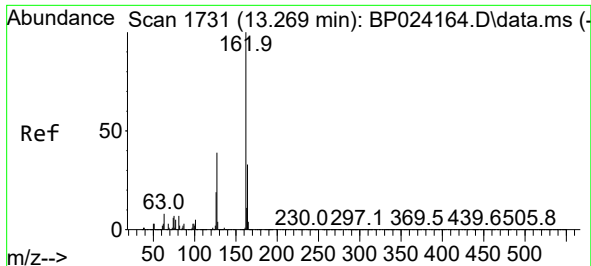
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 14.0 0.0 32.9

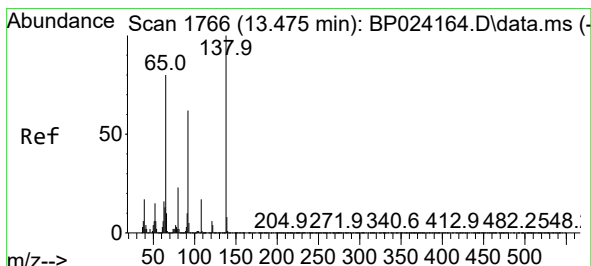
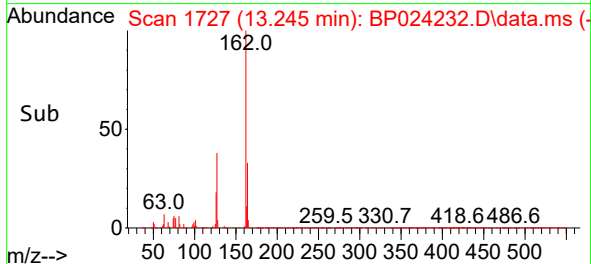
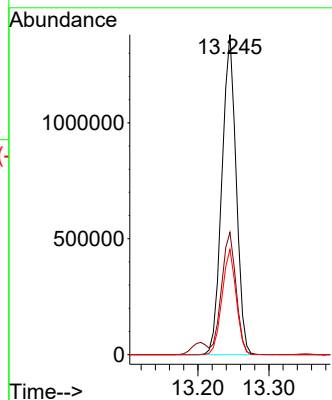
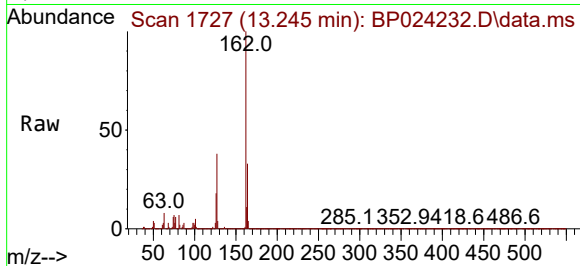




#47
2-Chloronaphthalene
Concen: 47.898 ng
RT: 13.245 min Scan# 1727
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

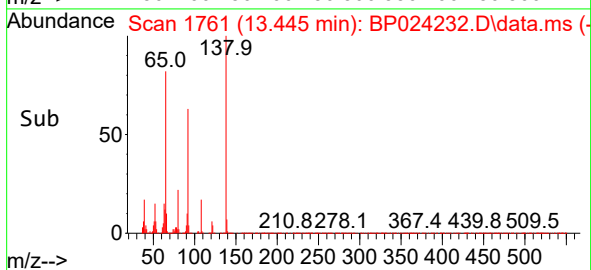
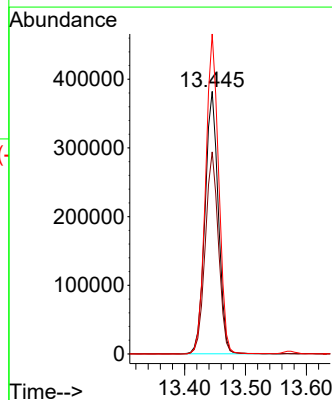
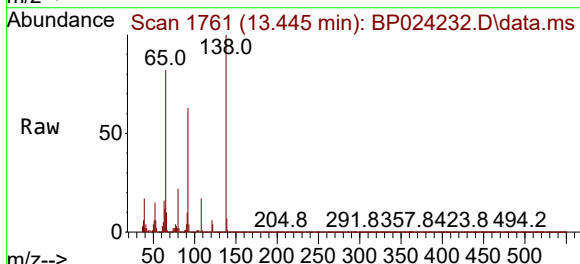
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

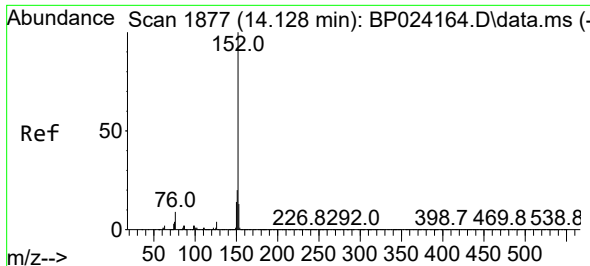
Tgt Ion:162 Resp: 1917821
Ion Ratio Lower Upper
162 100
127 38.3 31.5 47.3
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 56.728 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 65 Resp: 580959
Ion Ratio Lower Upper
65 100
92 77.0 62.1 93.1
138 121.9 99.5 149.3

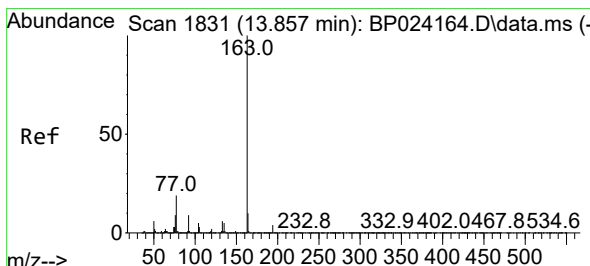
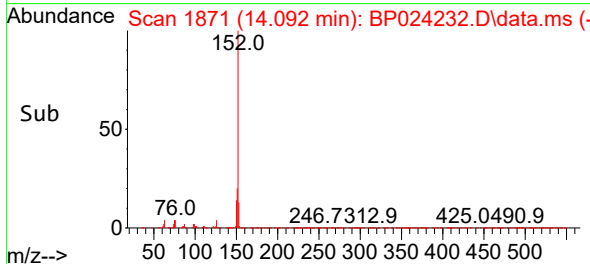
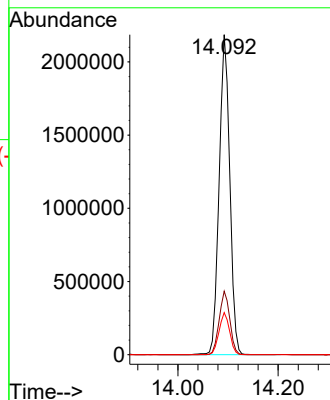
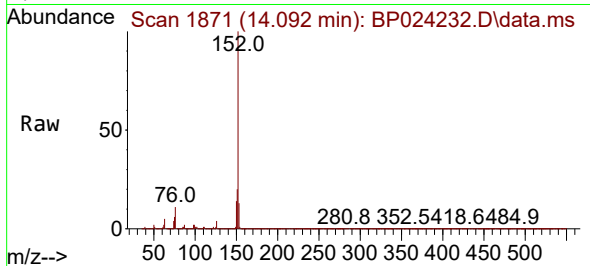




#49
Acenaphthylene
Concen: 52.812 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

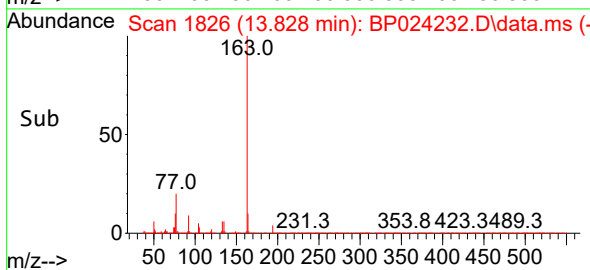
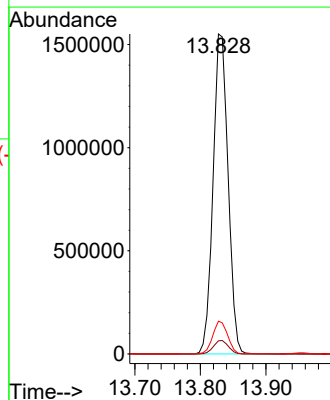
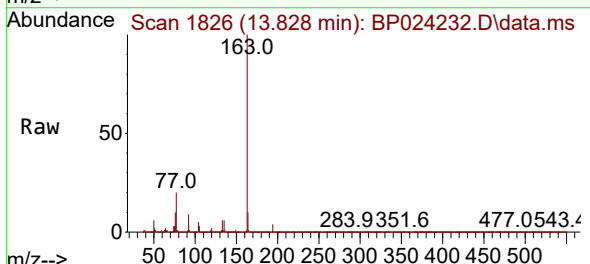
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

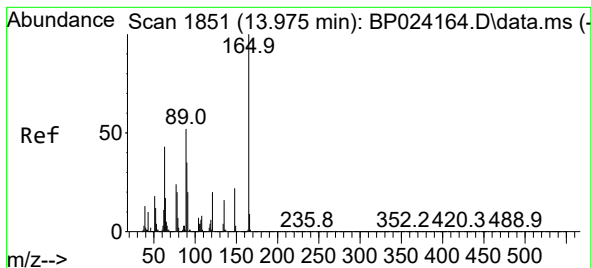
Tgt Ion:152 Resp: 3199619
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 49.732 ng
RT: 13.828 min Scan# 1826
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:163 Resp: 2465120
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.4

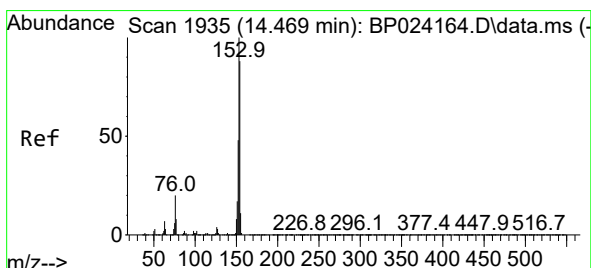
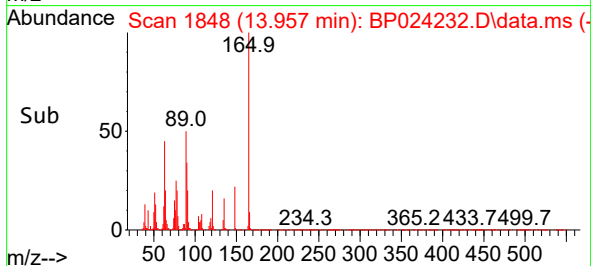
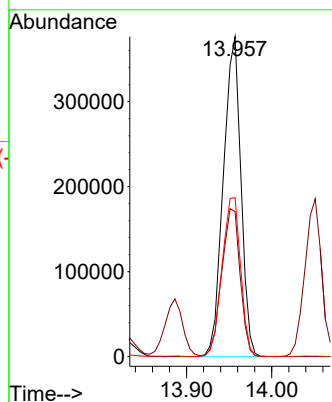
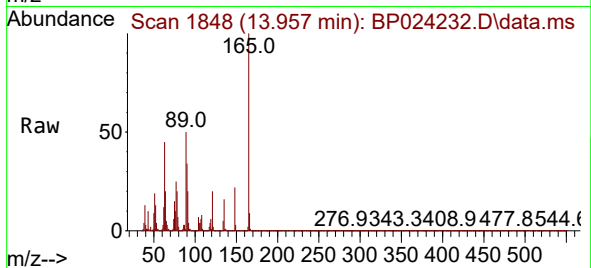




#51
2,6-Dinitrotoluene
Concen: 51.730 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

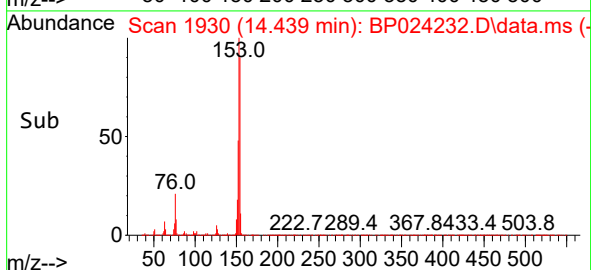
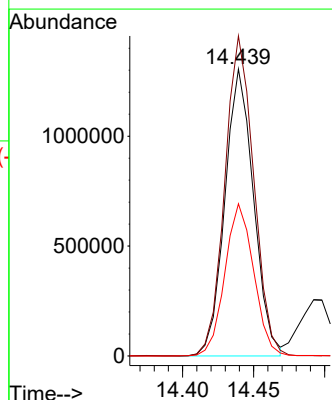
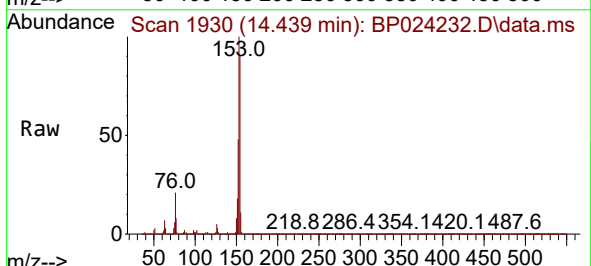
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

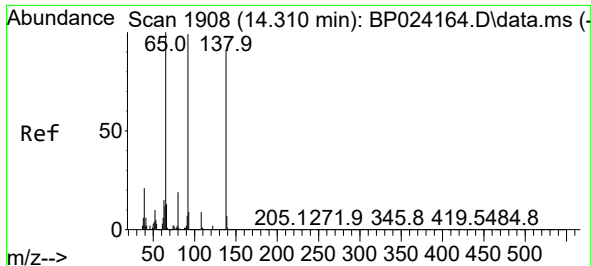
Tgt Ion:165 Resp: 539503
Ion Ratio Lower Upper
165 100
63 45.3 37.7 56.5
89 49.7 41.9 62.9



#52
Acenaphthene
Concen: 47.482 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:154 Resp: 1837985
Ion Ratio Lower Upper
154 100
153 111.6 90.5 135.7
152 53.1 43.1 64.7

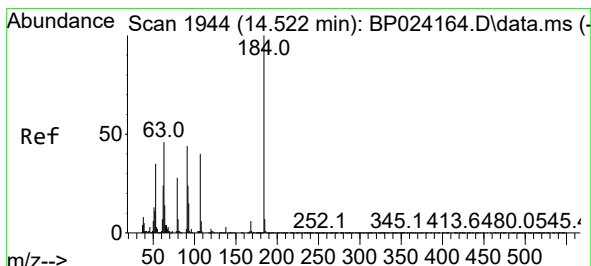
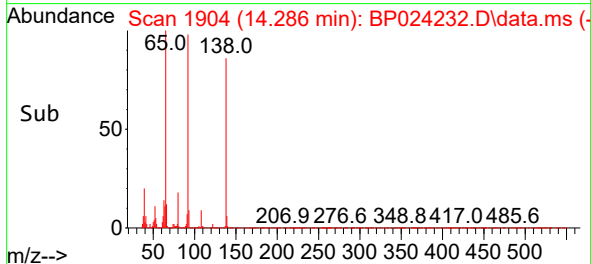
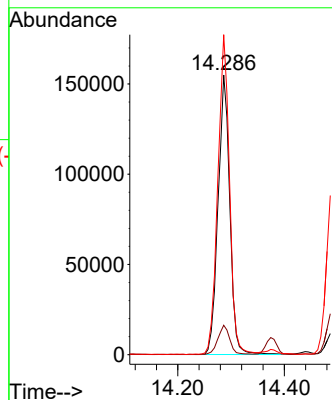
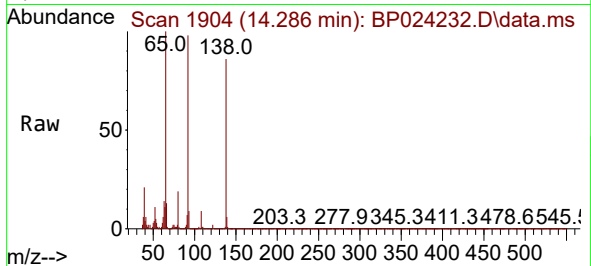




#53
3-Nitroaniline
Concen: 20.991 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

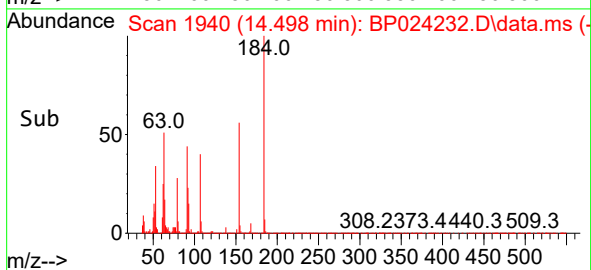
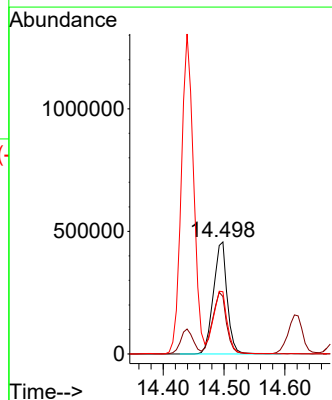
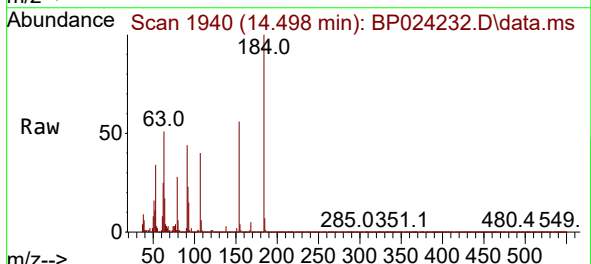
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

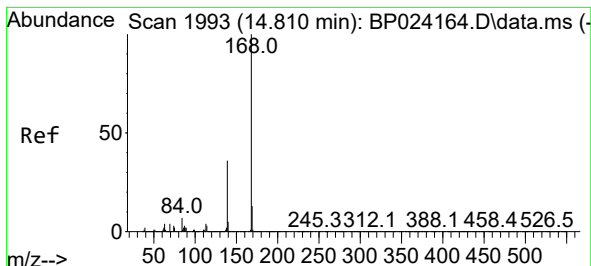
Tgt Ion:138 Resp: 236450
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 114.4 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 129.700 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:184 Resp: 715742
Ion Ratio Lower Upper
184 100
63 51.3 42.1 63.1
154 55.6 44.6 67.0





#55

Dibenzofuran

Concen: 45.805 ng

RT: 14.786 min Scan# 1989

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

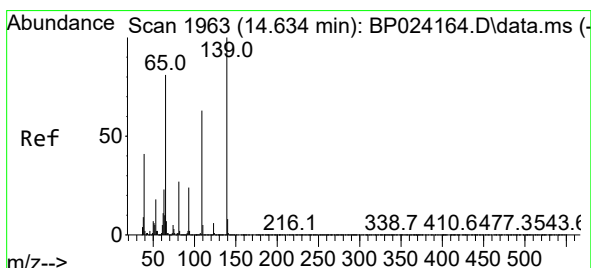
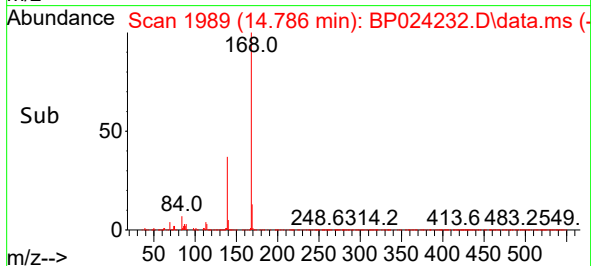
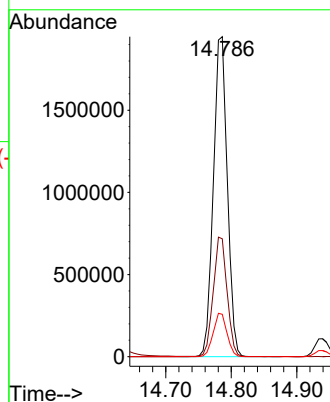
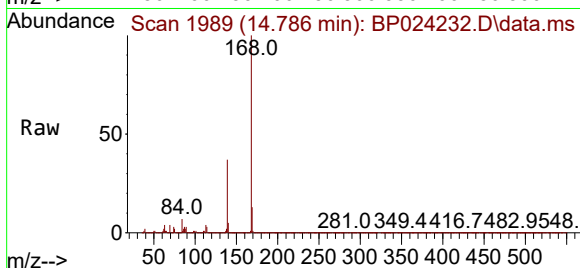
Tgt Ion:168 Resp: 2872093

Ion Ratio Lower Upper

168 100

139 36.8 29.1 43.7

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 121.546 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.018 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

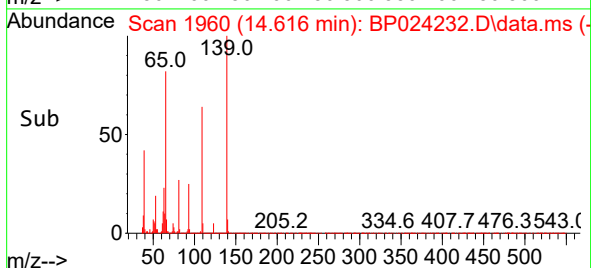
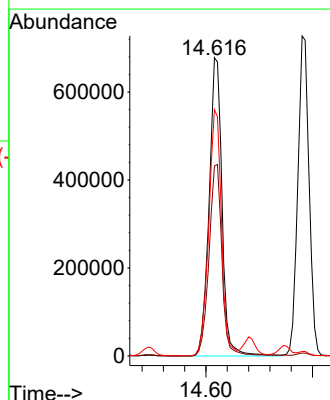
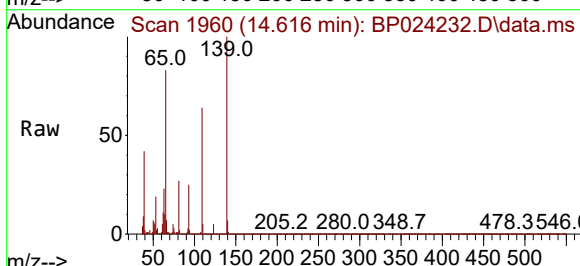
Tgt Ion:139 Resp: 1144006

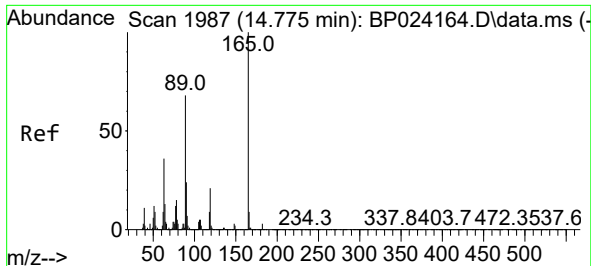
Ion Ratio Lower Upper

139 100

109 63.7 43.3 83.3

65 82.6 61.2 101.2

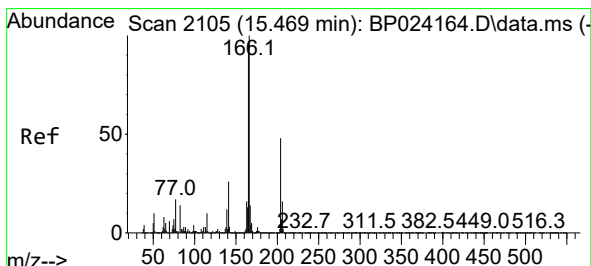
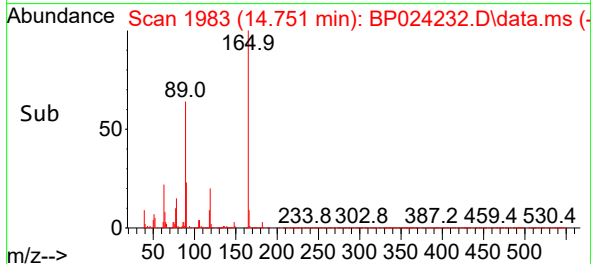
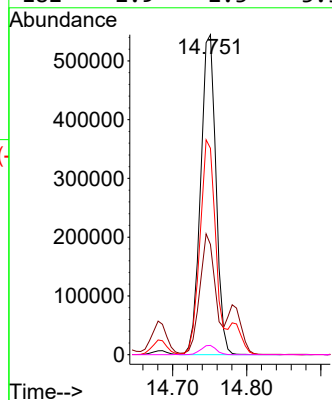
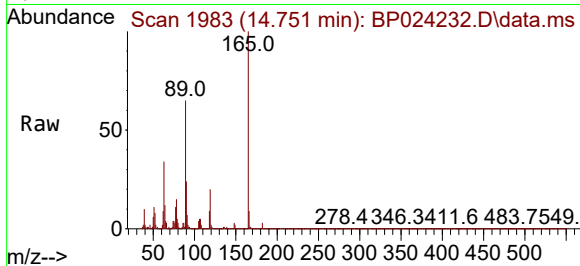




#57
2,4-Dinitrotoluene
Concen: 56.551 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

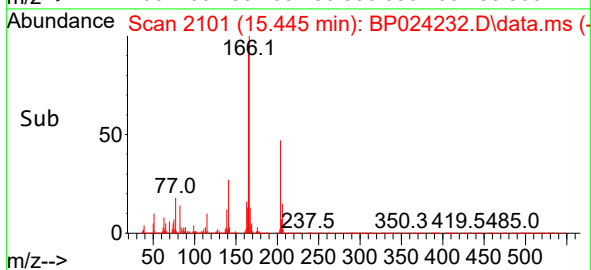
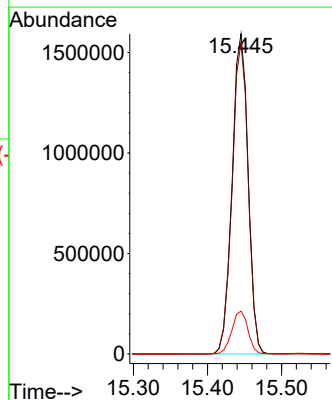
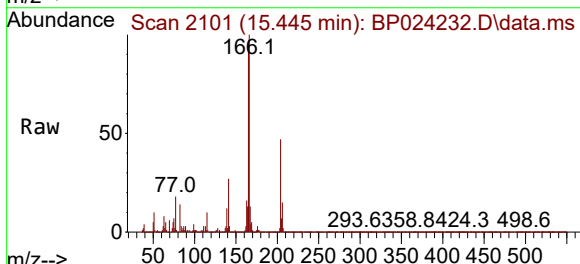
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

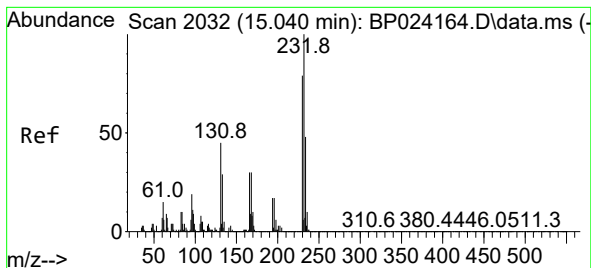
Tgt Ion:	165	Resp:	779044
Ion	Ratio	Lower	Upper
165	100		
63	34.5	29.0	43.6
89	64.5	54.2	81.4
182	2.9	2.3	3.5



#58
Fluorene
Concen: 48.890 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:	166	Resp:	2388449
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.4	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.641 ng

RT: 15.016 min Scan# 2032

Delta R.T. -0.024 min

Lab File: BP024232.D

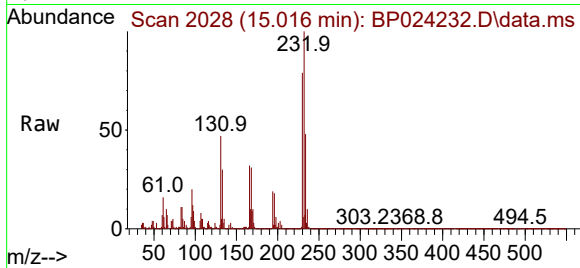
Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



Tgt Ion:232 Resp: 651159

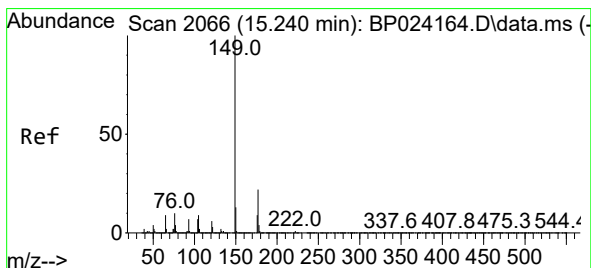
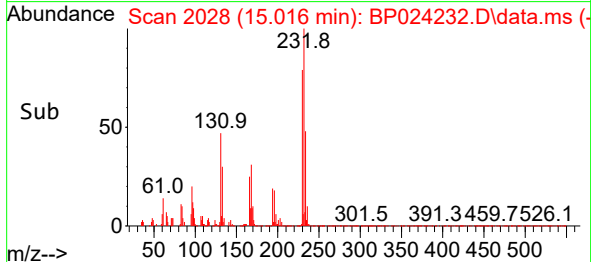
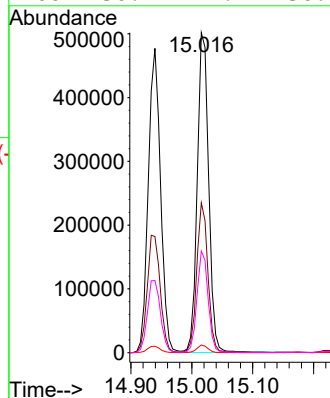
Ion Ratio Lower Upper

232 100

131 46.1 35.9 53.9

130 2.3 1.8 2.6

166 30.9 24.2 36.2



#60

Diethylphthalate

Concen: 49.967 ng

RT: 15.222 min Scan# 2063

Delta R.T. -0.018 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

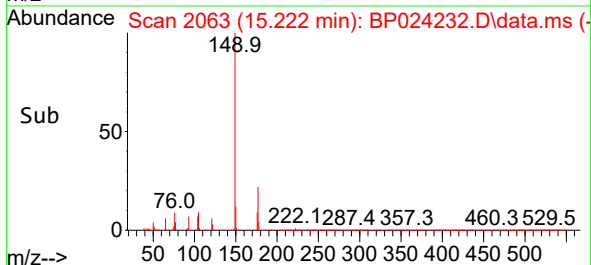
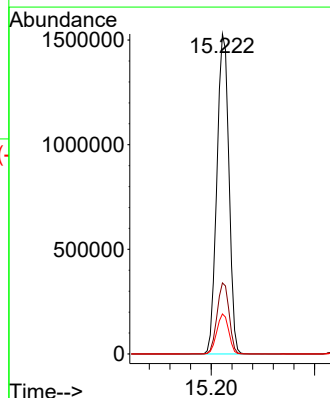
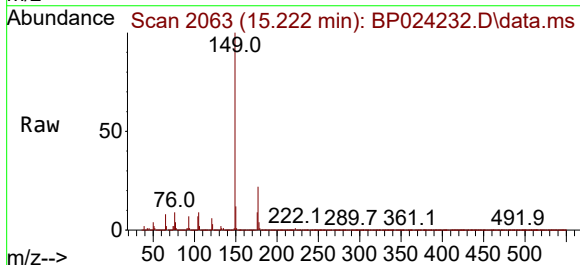
Tgt Ion:149 Resp: 2466418

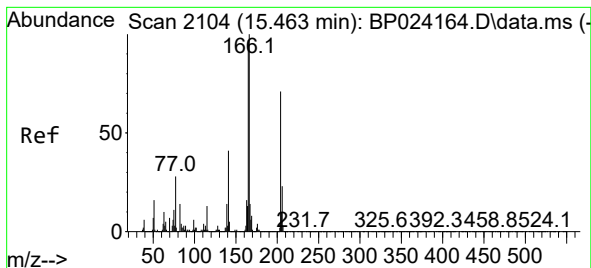
Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

150 12.5 10.2 15.4

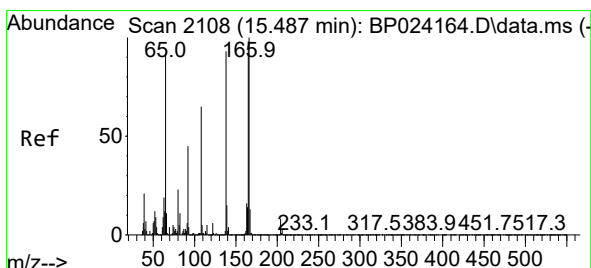
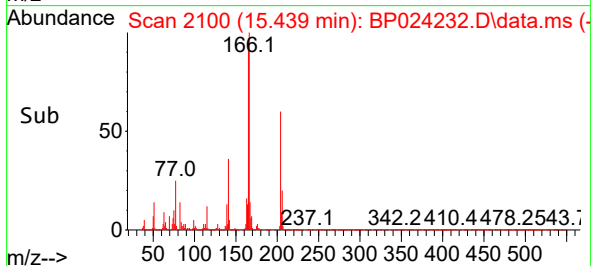
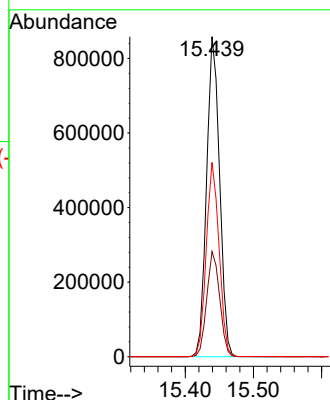
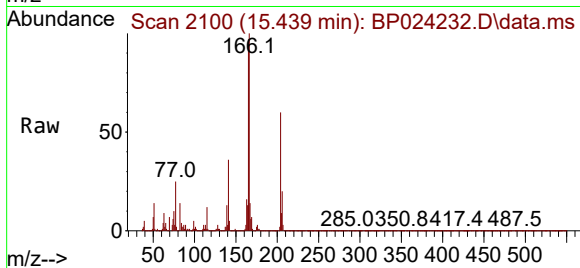




#61
4-Chlorophenyl-phenylether
Concen: 47.546 ng
RT: 15.439 min Scan# 2104
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

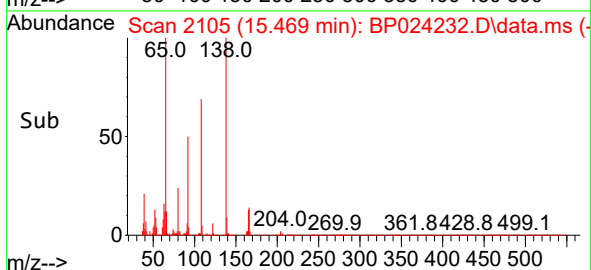
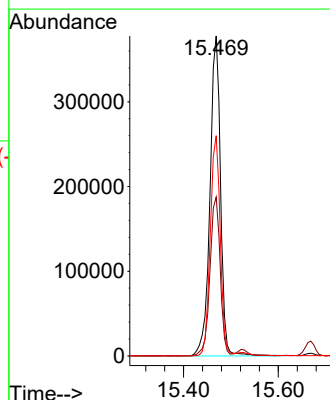
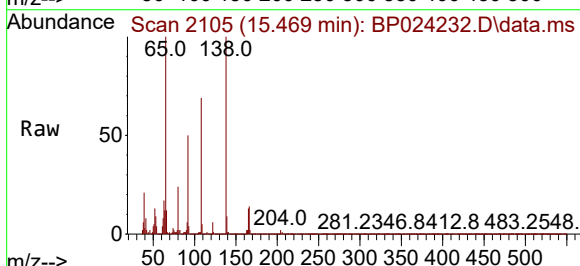
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

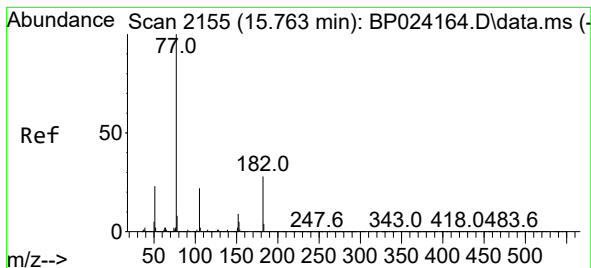
Tgt Ion:204 Resp: 1139270
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 60.7 45.8 68.8



#62
4-Nitroaniline
Concen: 49.562 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:138 Resp: 585528
Ion Ratio Lower Upper
138 100
92 49.6 28.7 68.7
108 68.9 49.5 89.5





#63

Azobenzene

Concen: 58.192 ng

RT: 15.745 min Scan# 2155

Delta R.T. -0.018 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion: 77 Resp: 2707344

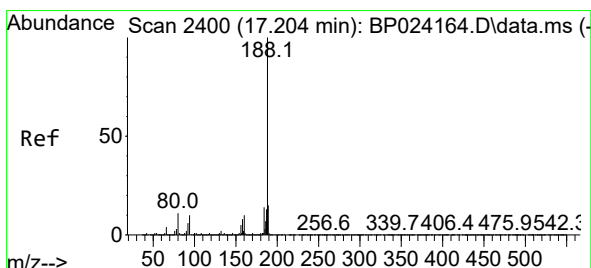
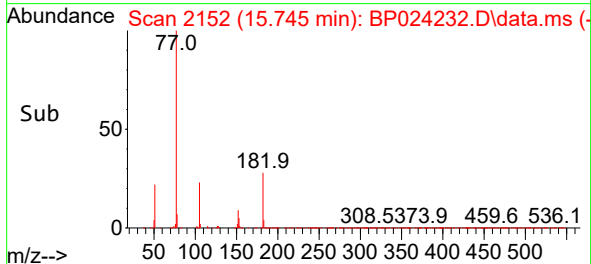
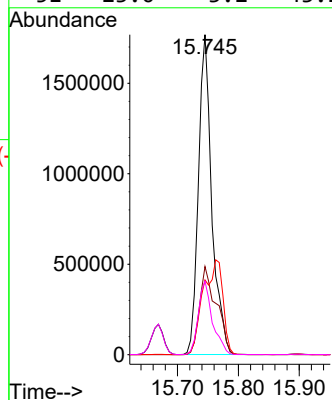
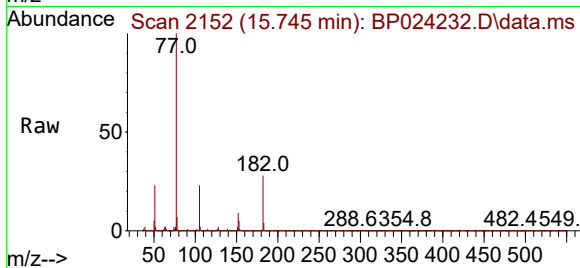
Ion Ratio Lower Upper

77 100

182 27.5 7.7 47.7

105 23.3 2.3 42.3

51 23.0 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

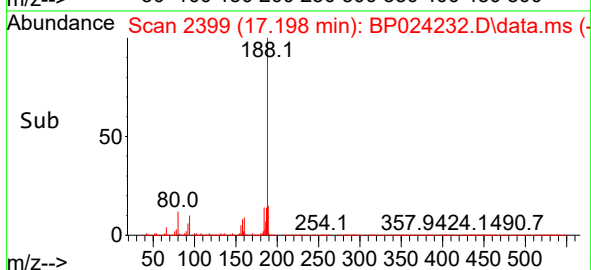
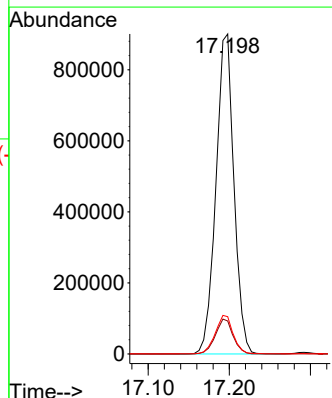
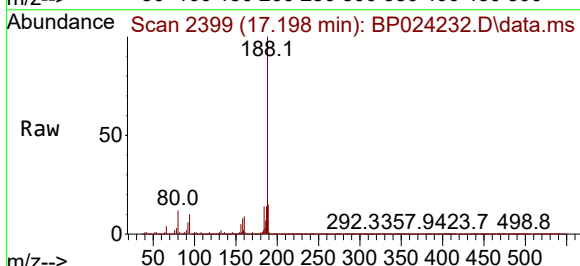
Tgt Ion:188 Resp: 1387592

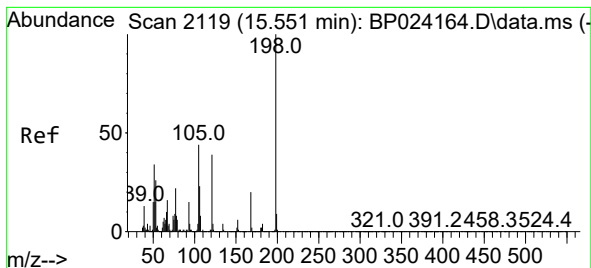
Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.6 8.9 13.3

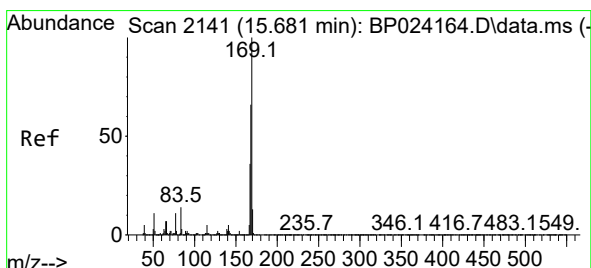
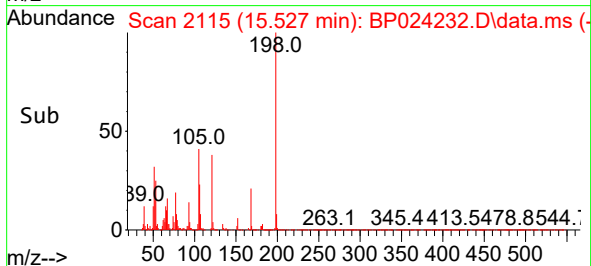
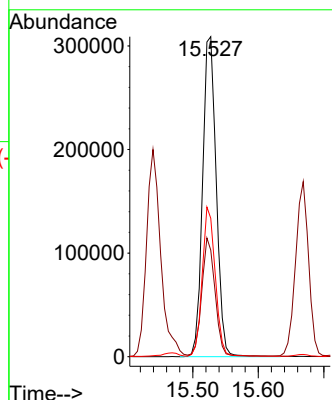
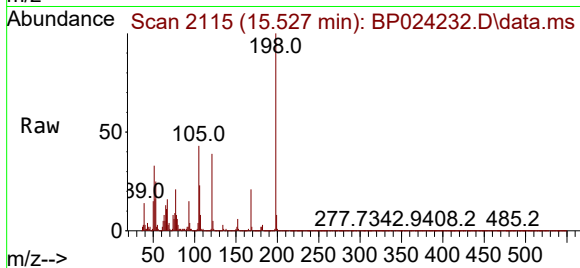




#65
4,6-Dinitro-2-methylphenol
Concen: 54.343 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

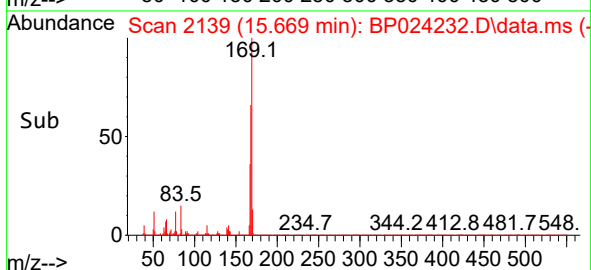
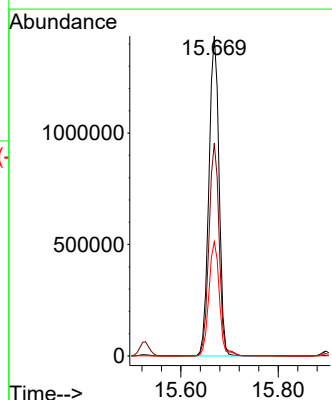
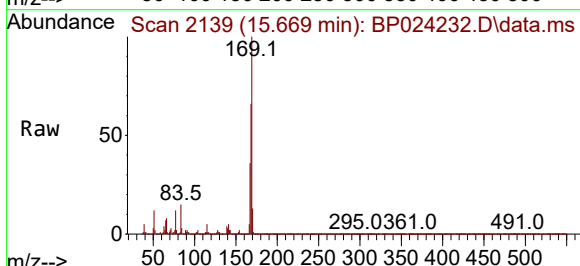
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

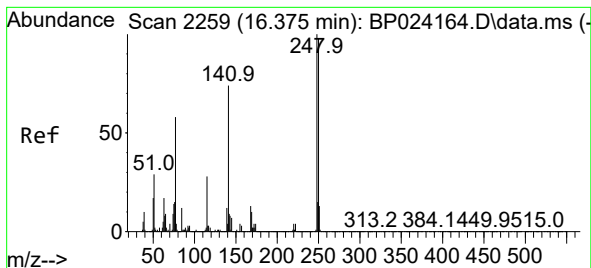
Tgt Ion:198 Resp: 447652
Ion Ratio Lower Upper
198 100
51 33.3 14.7 54.7
105 43.2 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 48.811 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:169 Resp: 2056703
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 35.7 28.8 43.2

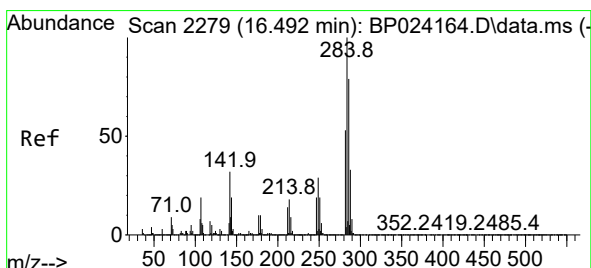
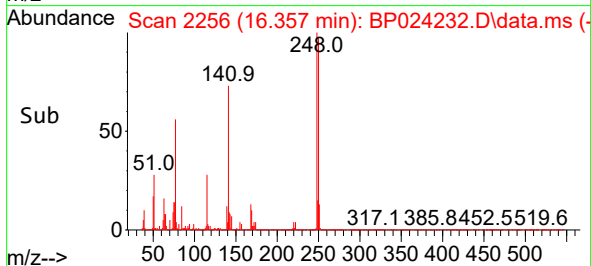
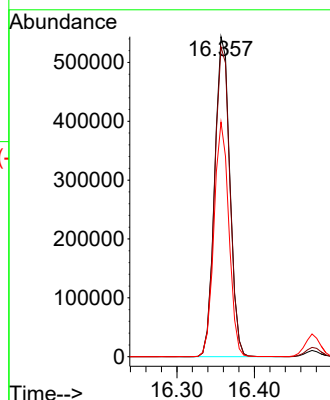
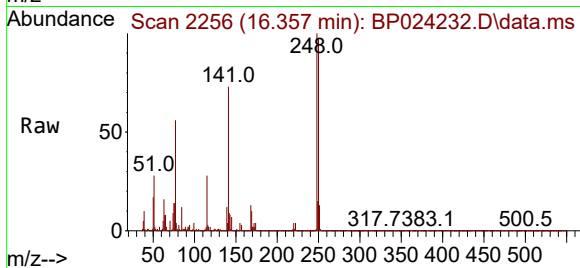




#67
4-Bromophenyl-phenylether
Concen: 48.644 ng
RT: 16.357 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

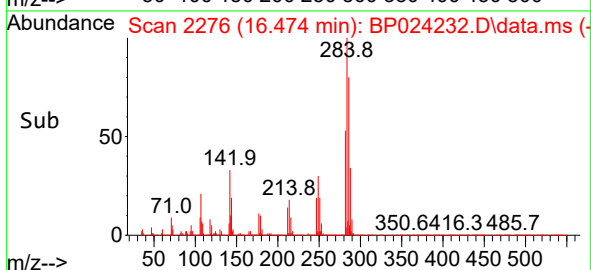
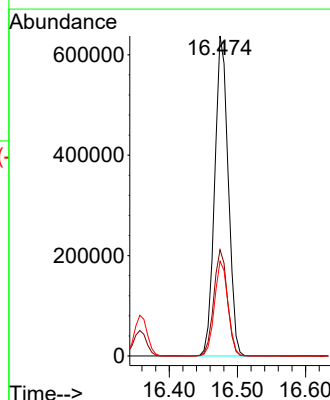
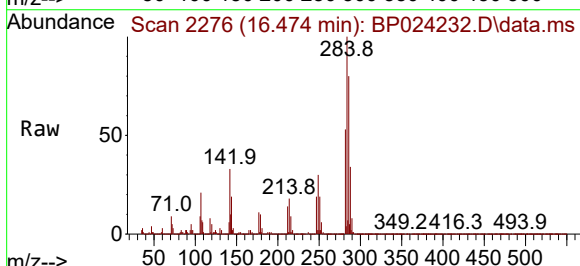
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

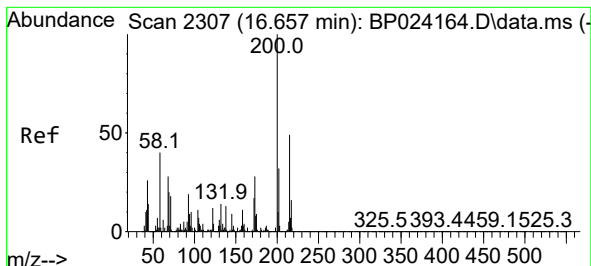
Tgt Ion:248 Resp: 741067
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 73.3 59.4 89.0



#68
Hexachlorobenzene
Concen: 48.828 ng
RT: 16.474 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:284 Resp: 880437
Ion Ratio Lower Upper
284 100
142 33.2 25.4 38.2
249 29.6 23.5 35.3





#69

Atrazine

Concen: 73.394 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

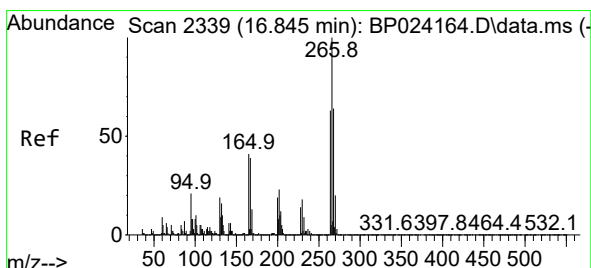
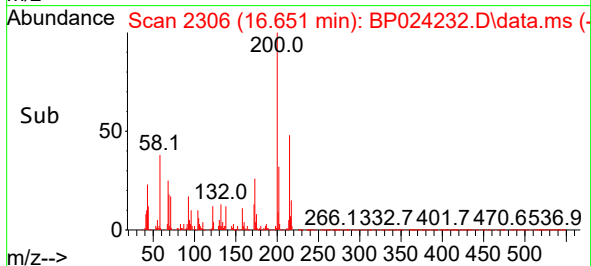
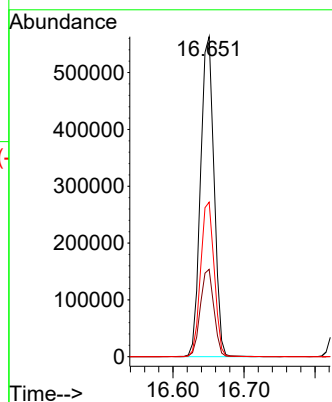
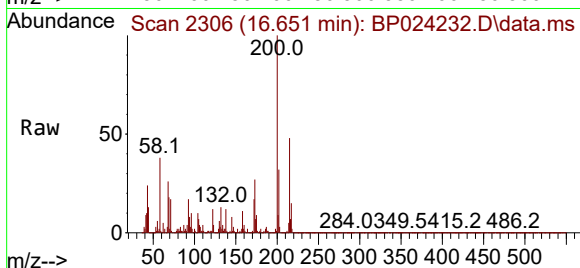
Tgt Ion:200 Resp: 746444

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

215 48.3 29.0 69.0



#70

Pentachlorophenol

Concen: 110.236 ng

RT: 16.839 min Scan# 2338

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

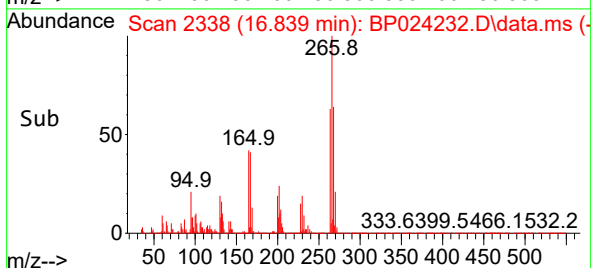
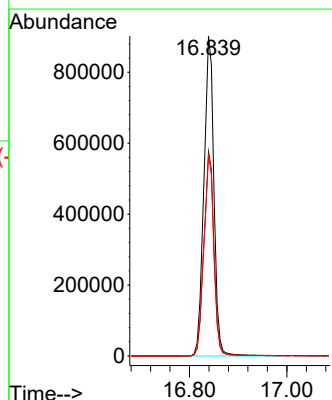
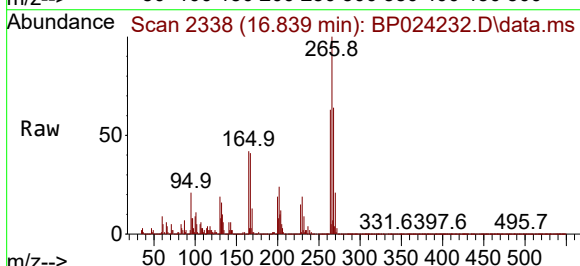
Tgt Ion:266 Resp: 1285435

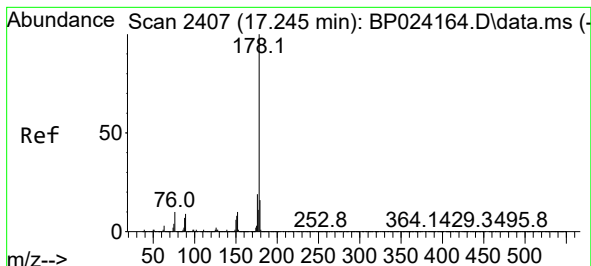
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 48.874 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

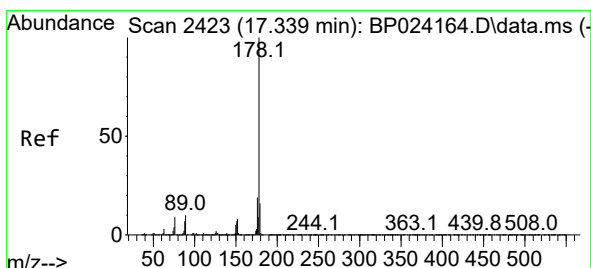
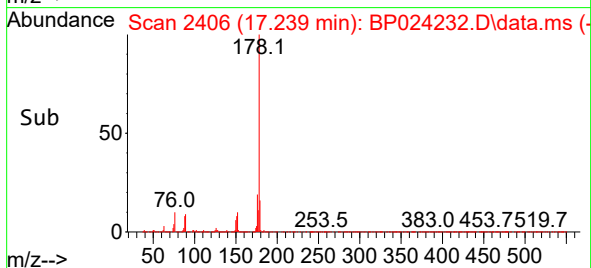
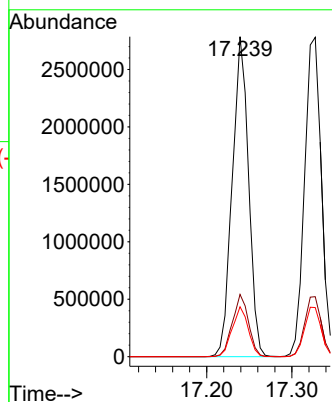
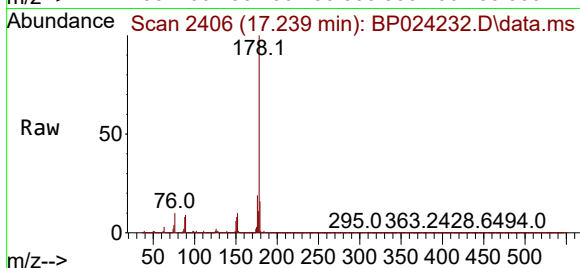
Tgt Ion:178 Resp: 3704795

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 51.575 ng

RT: 17.327 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

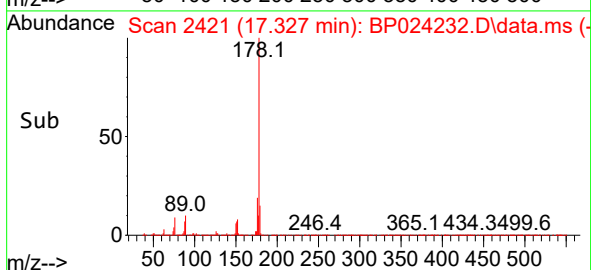
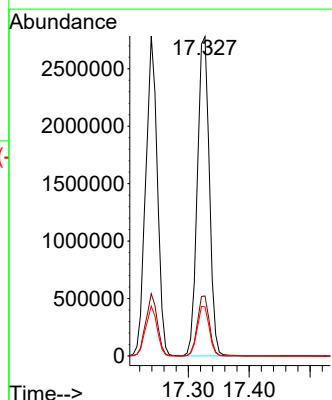
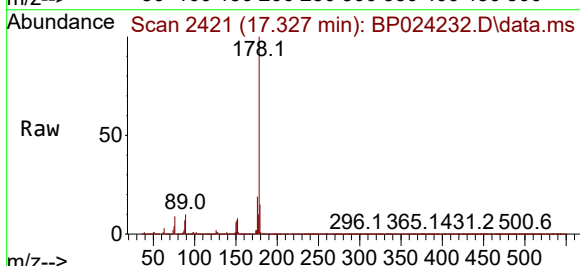
Tgt Ion:178 Resp: 3807745

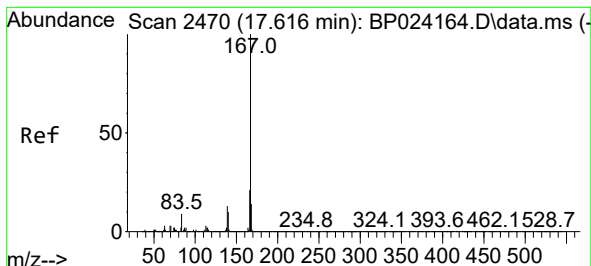
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.4 12.6 18.8





#73

Carbazole

Concen: 51.955 ng

RT: 17.610 min Scan# 2470

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

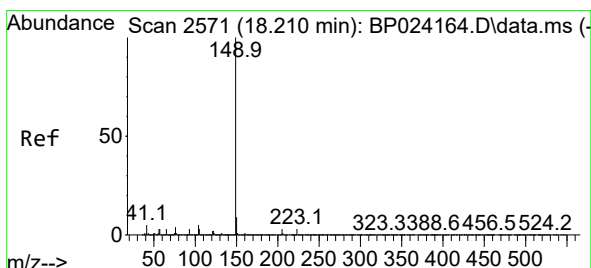
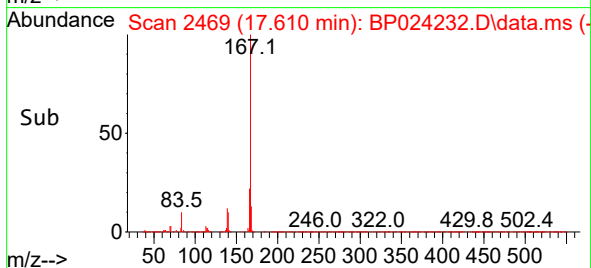
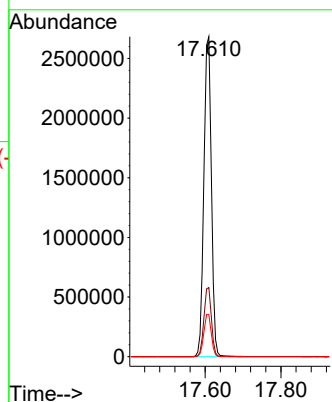
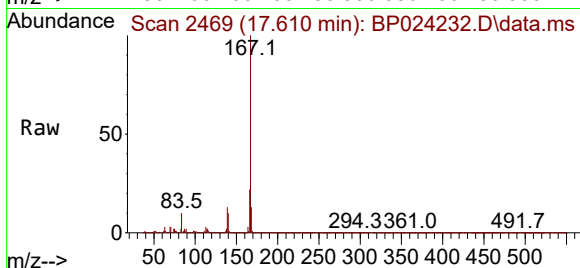
Tgt Ion:167 Resp: 3699204

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 52.359 ng

RT: 18.204 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

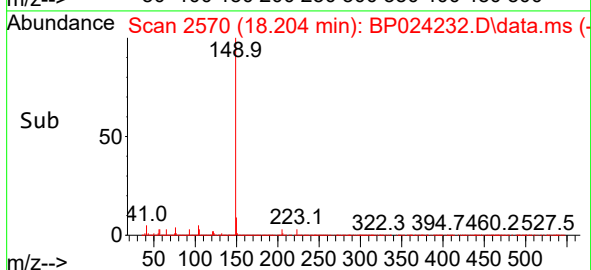
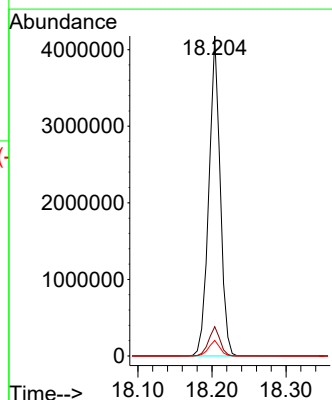
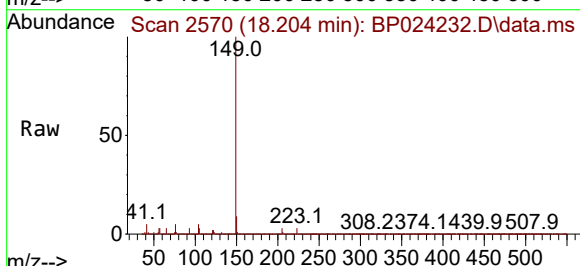
Tgt Ion:149 Resp: 4425488

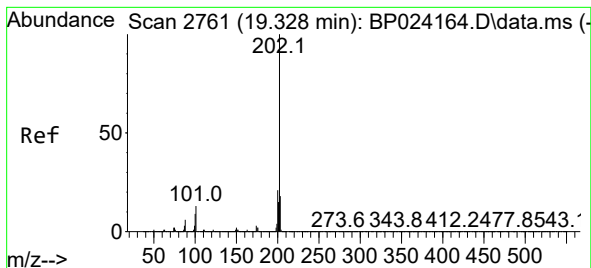
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 50.272 ng

RT: 19.315 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

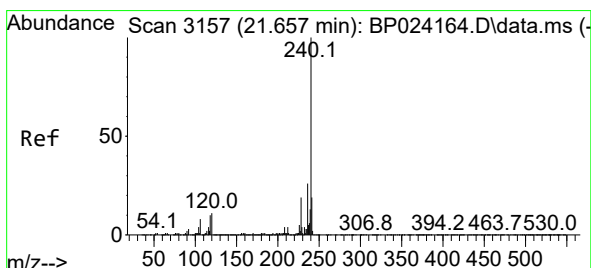
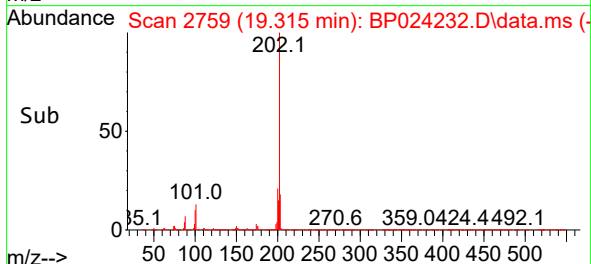
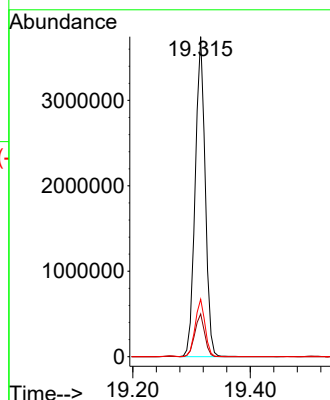
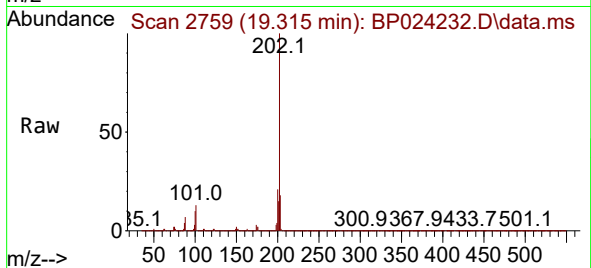
Tgt Ion:202 Resp: 4413531

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.5

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

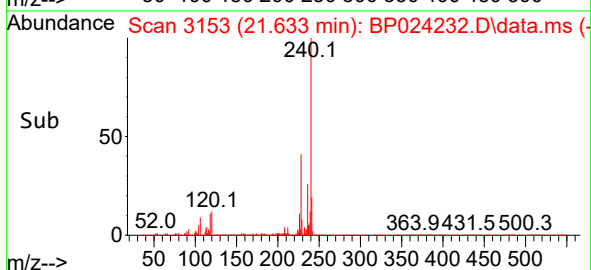
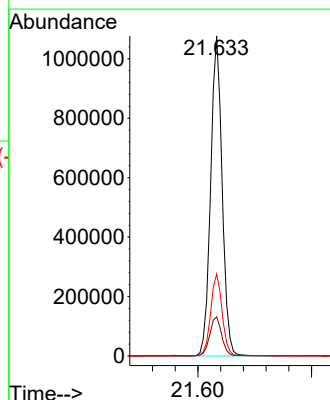
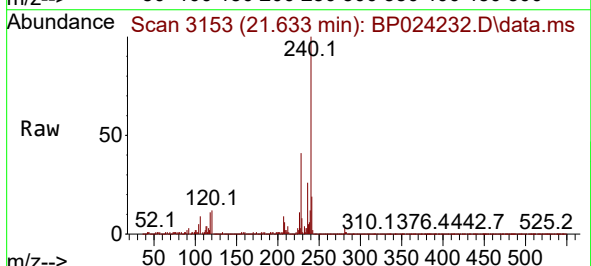
Tgt Ion:240 Resp: 1504352

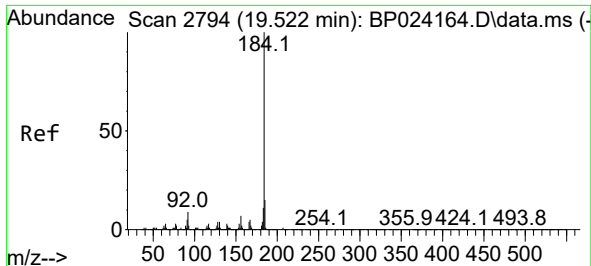
Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.6 20.4 30.6

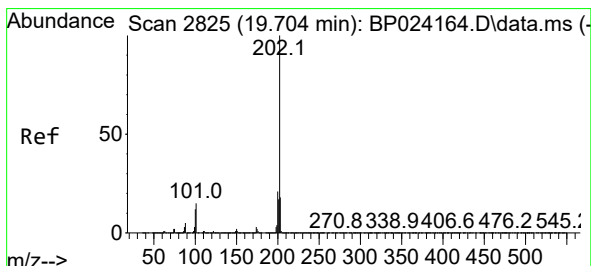
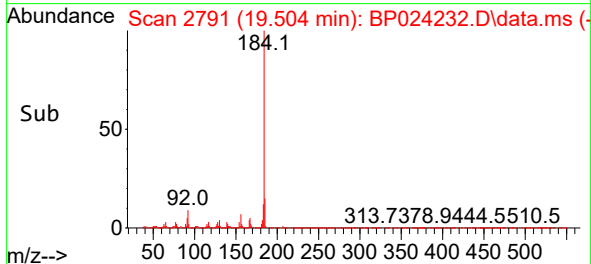
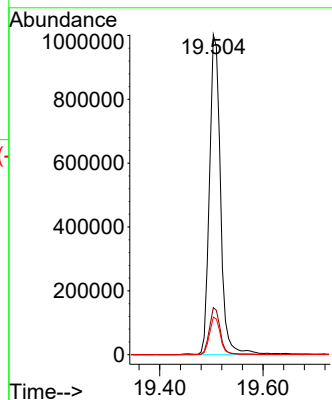
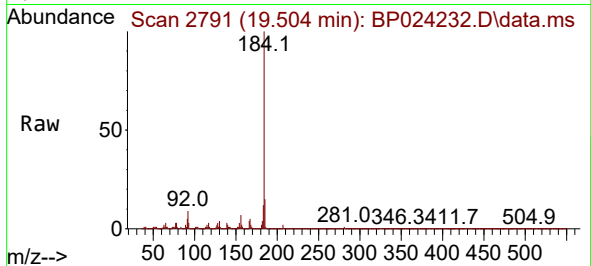




#77
Benzidine
Concen: 90.495 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

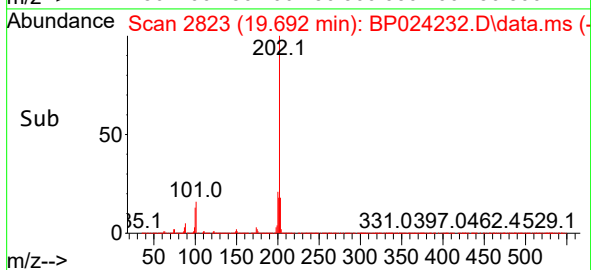
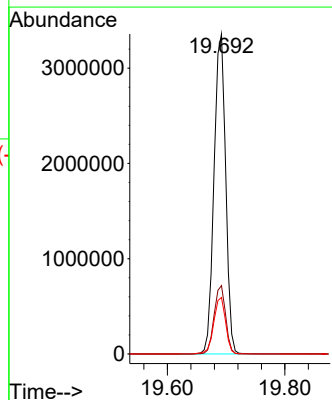
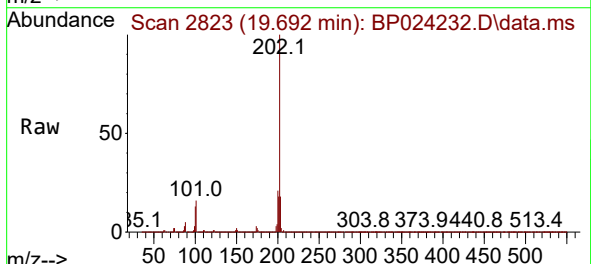
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

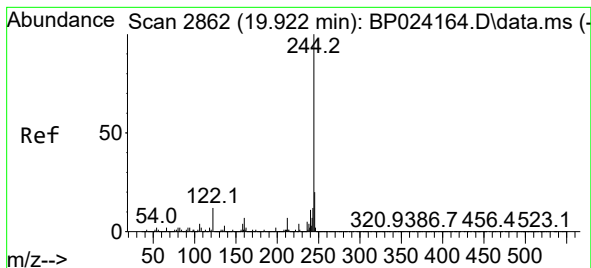
Tgt Ion:184 Resp: 1488430
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.7 9.1 13.7



#78
Pyrene
Concen: 49.326 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:202 Resp: 4613212
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.697 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

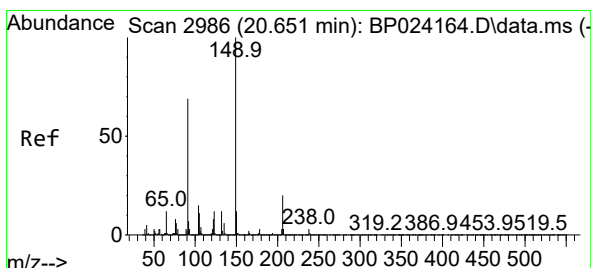
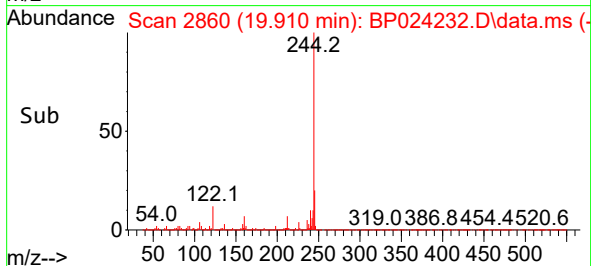
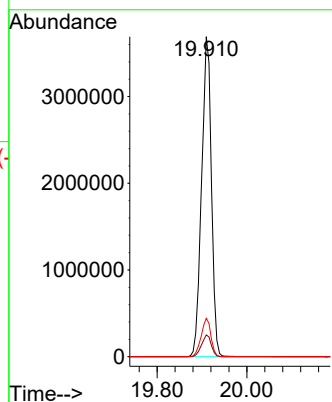
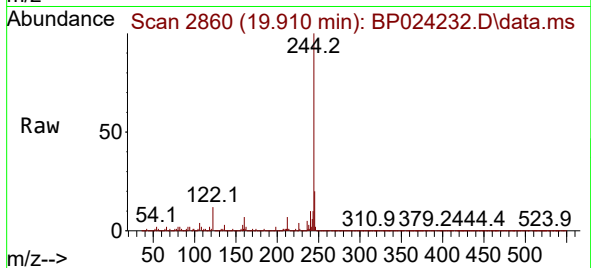
Tgt Ion:244 Resp: 5589464

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 12.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 56.552 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

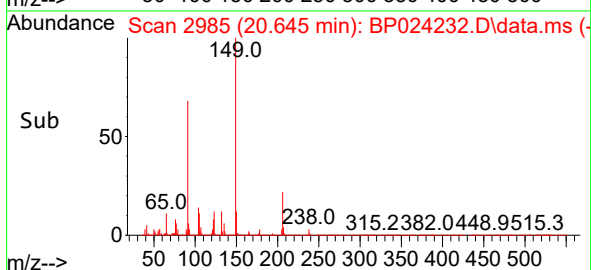
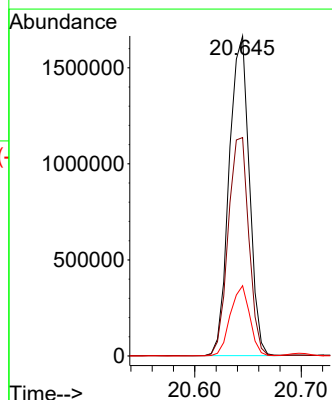
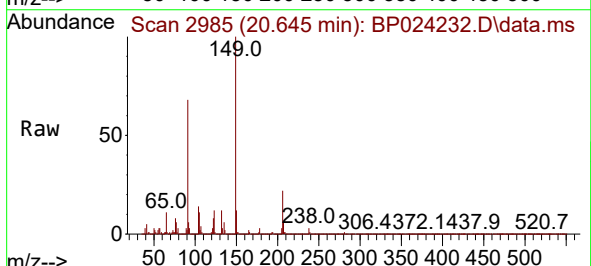
Tgt Ion:149 Resp: 2181081

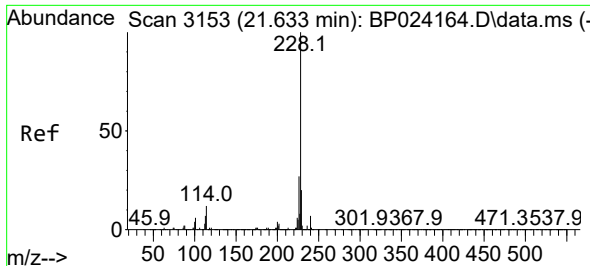
Ion Ratio Lower Upper

149 100

91 68.3 55.3 82.9

206 21.9 16.1 24.1

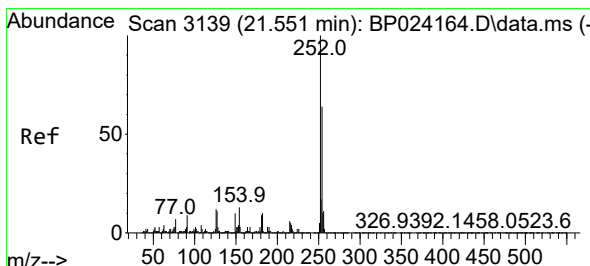
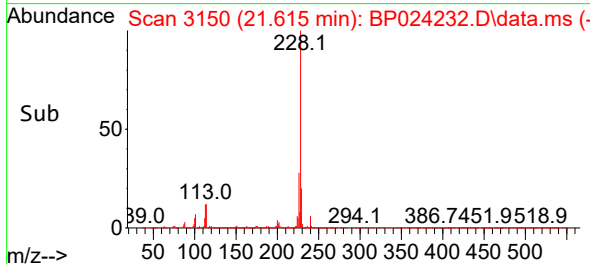
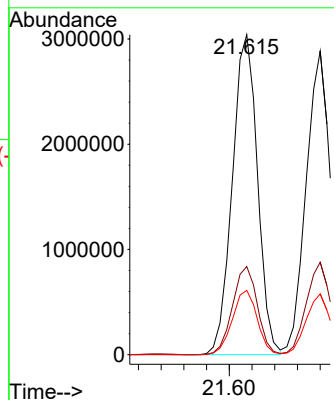
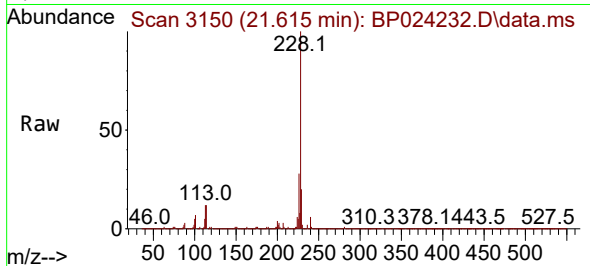




#81
Benzo(a)anthracene
Concen: 49.914 ng
RT: 21.615 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

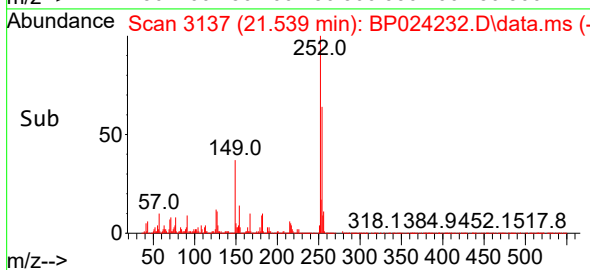
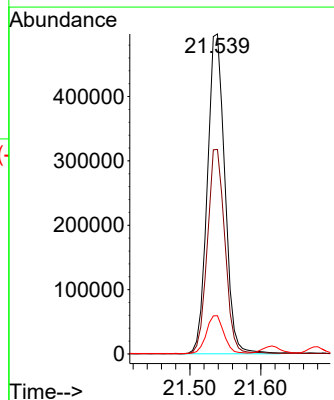
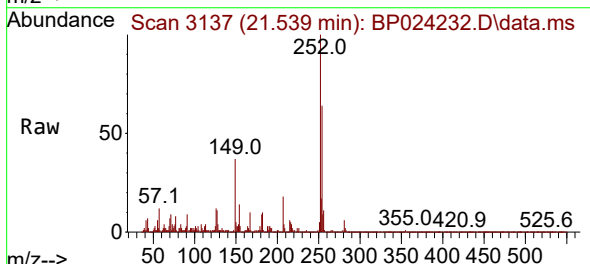
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

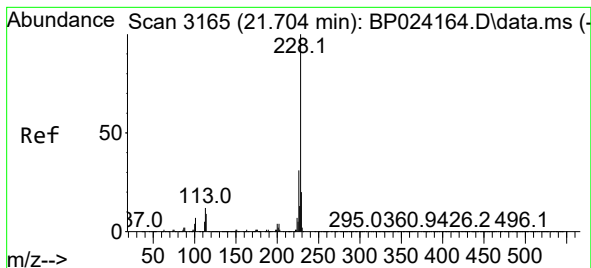
Tgt Ion:228 Resp: 4668390
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 27.169 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:252 Resp: 851663
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 12.0 9.3 13.9





#83

Chrysene

Concen: 48.779 ng

RT: 21.680 min Scan# 3161

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

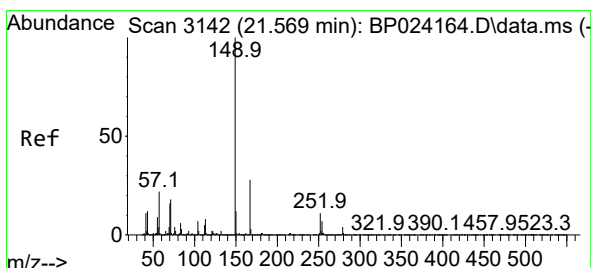
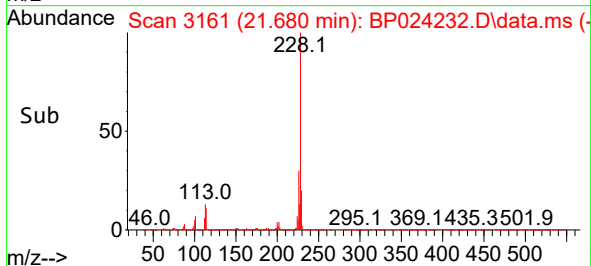
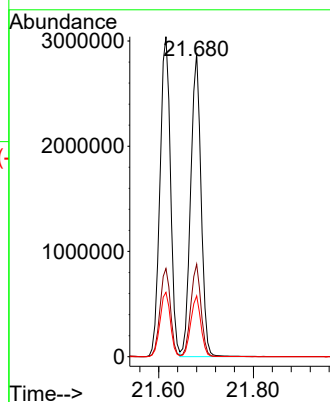
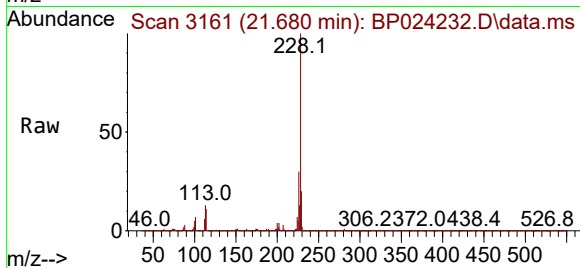
Tgt Ion:228 Resp: 4385837

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.373 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

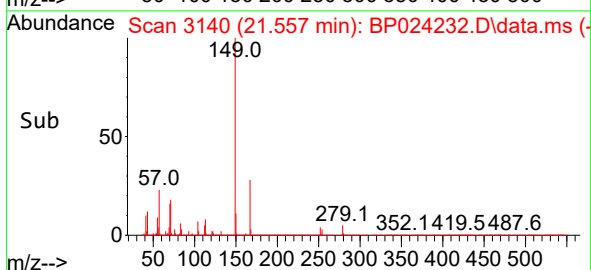
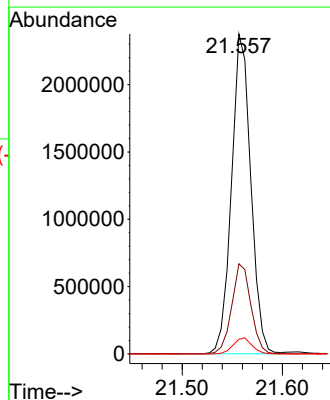
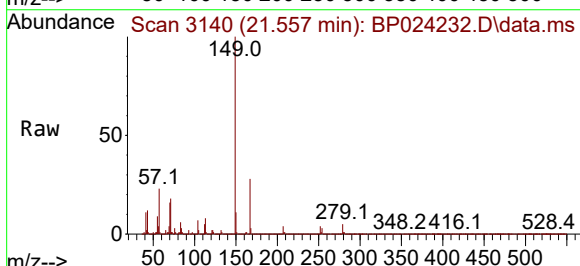
Tgt Ion:149 Resp: 3164227

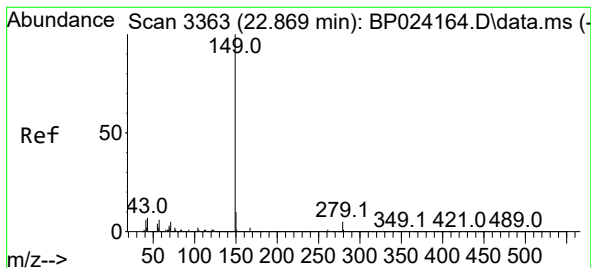
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 57.617 ng

RT: 22.845 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

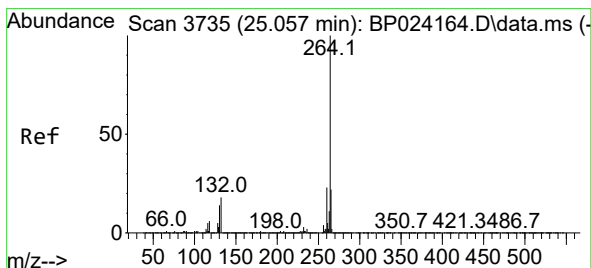
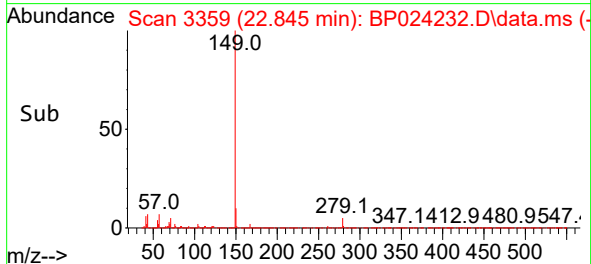
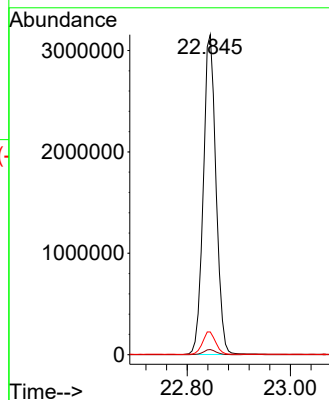
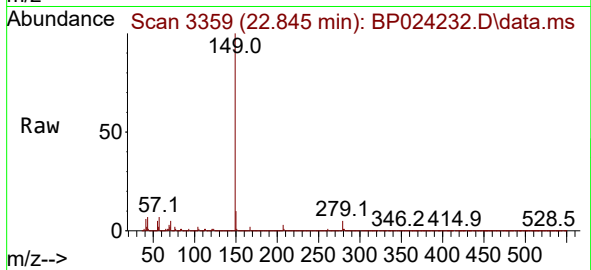
Tgt Ion:149 Resp: 5372260

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3725

Delta R.T. -0.059 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

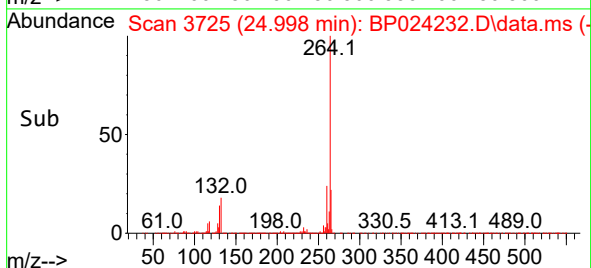
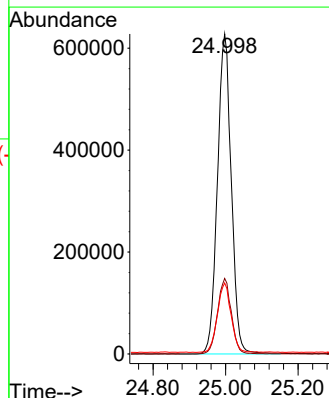
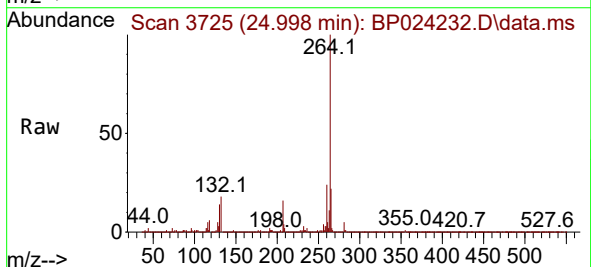
Tgt Ion:264 Resp: 1667153

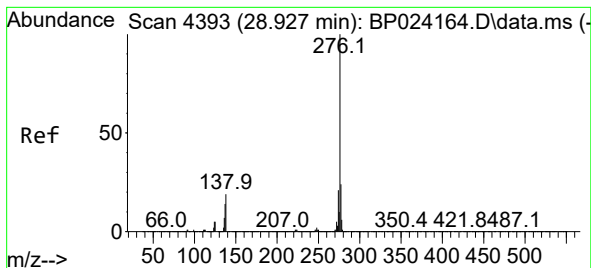
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.852 ng

RT: 28.844 min Scan# 41

Delta R.T. -0.083 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

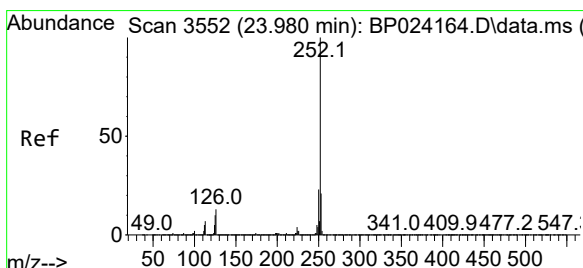
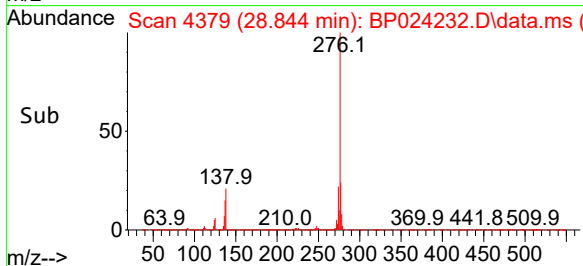
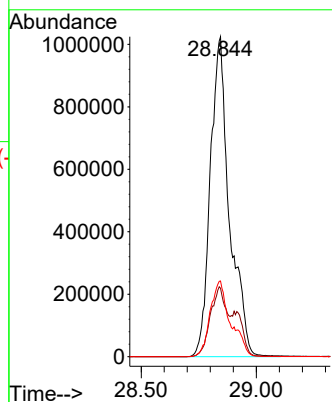
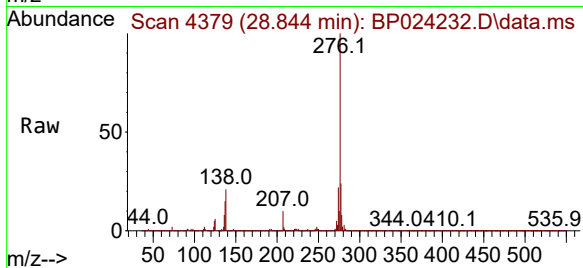
Tgt Ion:276 Resp: 5916857

Ion Ratio Lower Upper

276 100

138 18.4 13.7 20.5

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.997 ng

RT: 23.939 min Scan# 3545

Delta R.T. -0.042 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

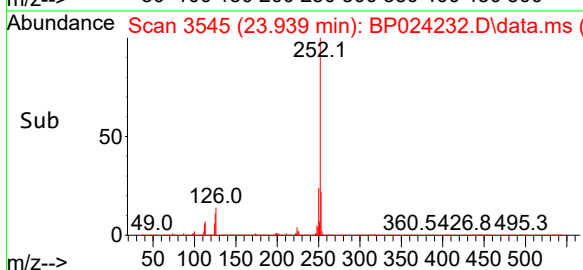
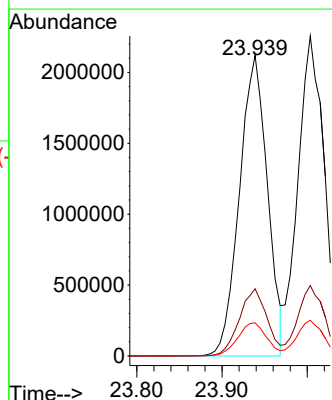
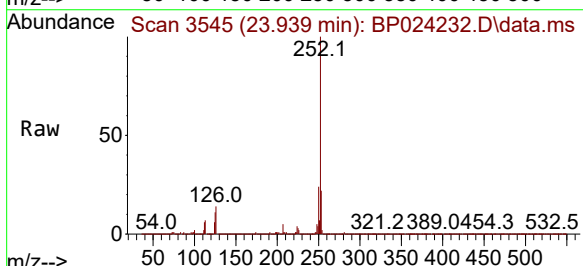
Tgt Ion:252 Resp: 4824633

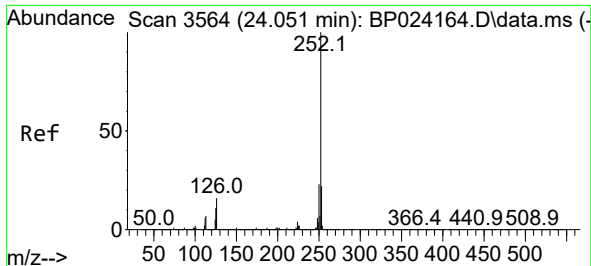
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.0 8.2 12.4

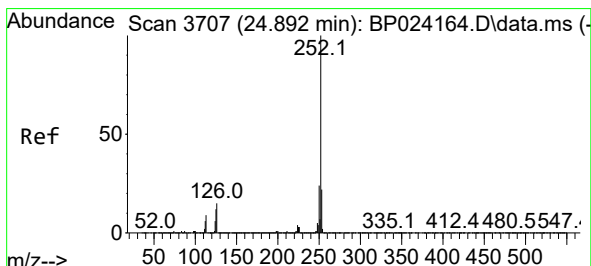
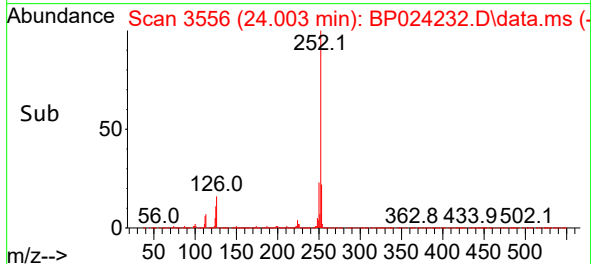
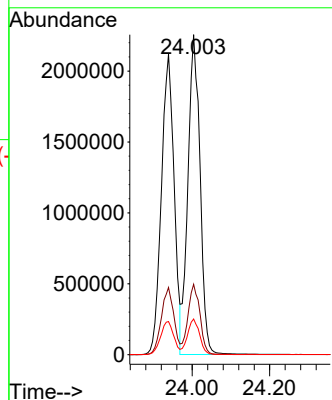
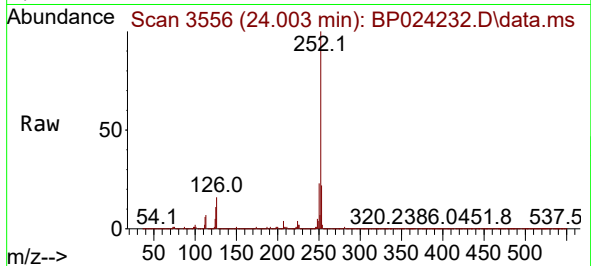




#89
Benzo(k)fluoranthene
Concen: 49.874 ng
RT: 24.003 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

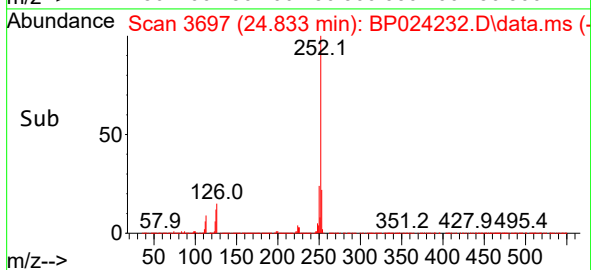
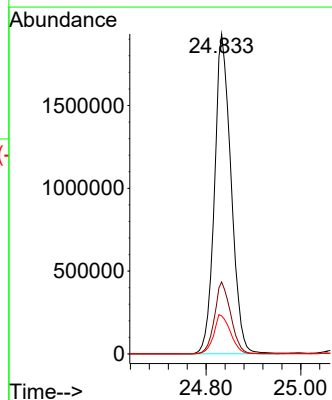
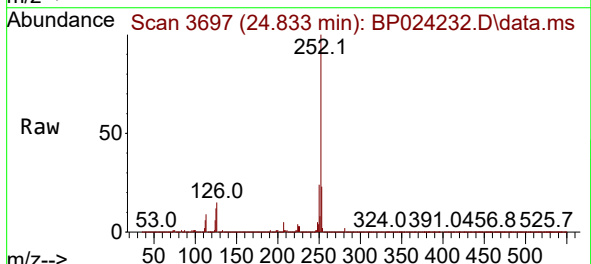
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

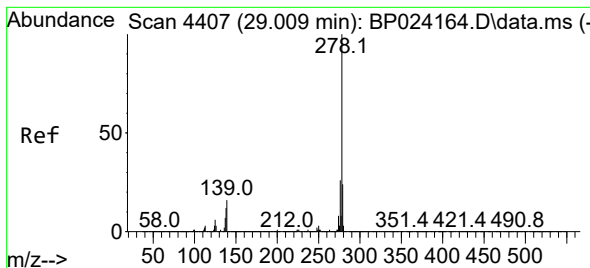
Tgt Ion:252 Resp: 4903911
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 53.654 ng
RT: 24.833 min Scan# 3697
Delta R.T. -0.059 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:252 Resp: 4689771
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.9 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 50.111 ng

RT: 28.921 min Scan# 41

Delta R.T. -0.089 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

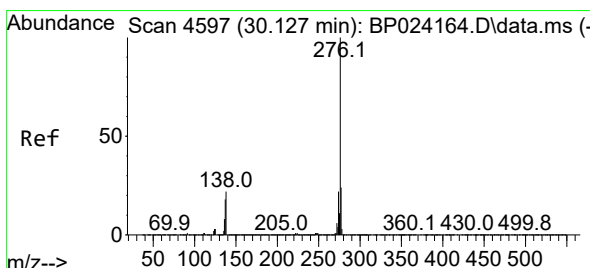
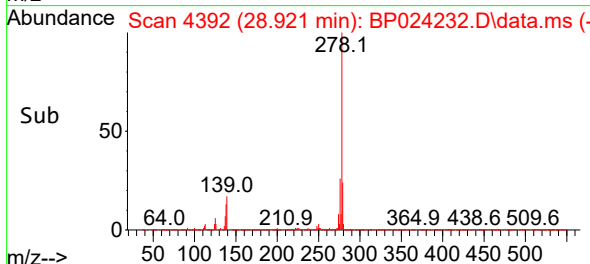
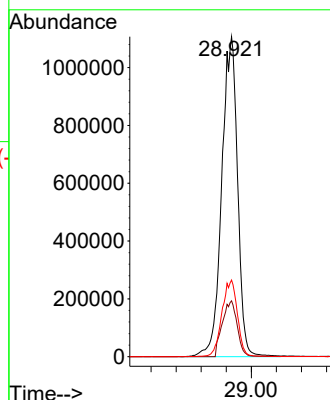
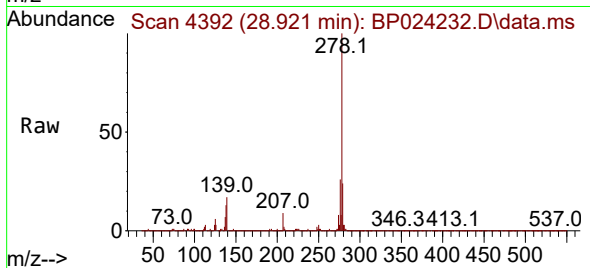
Tgt Ion:278 Resp: 4850816

Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.4

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.170 ng

RT: 30.021 min Scan# 4579

Delta R.T. -0.106 min

Lab File: BP024232.D

Acq: 09 Apr 2025 12:56

Tgt Ion:276 Resp: 4740076

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.8 17.4 26.2

