

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024231.D
 Acq On : 09 Apr 2025 12:15
 Operator : RC/JU
 Sample : Q1730-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 10 01:57:54 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	281108	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1119091	20.000	ng	-0.04
39) Acenaphthene-d10	14.374	164	687797	20.000	ng	-0.03
64) Phenanthrene-d10	17.180	188	1328842	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1384500	20.000	ng	-0.02
86) Perylene-d12	25.003	264	1577239	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1819928	103.345	ng	-0.02
7) Phenol-d6	6.922	99	2475078	105.102	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1435411	72.369	ng	-0.04
42) 2,4,6-Tribromophenol	15.886	330	855408	98.735	ng	-0.03
45) 2-Fluorobiphenyl	12.986	172	3280261	70.324	ng	-0.03
79) Terphenyl-d14	19.909	244	5187087	77.337	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	317706	45.513	ng	97
3) Pyridine	3.687	79	868827	45.529	ng	99
4) n-Nitrosodimethylamine	3.599	42	304479	47.764	ng	# 95
6) Aniline	7.075	93	636625	29.672	ng	98
8) 2-Chlorophenol	7.310	128	953022	50.102	ng	98
9) Benzaldehyde	6.887	77	524999	46.196	ng	97
10) Phenol	6.945	94	1233551	51.888	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	891121	47.533	ng	99
12) 1,3-Dichlorobenzene	7.628	146	988820	48.206	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1003118	47.895	ng	98
14) 1,2-Dichlorobenzene	8.087	146	956599	47.596	ng	98
15) Benzyl Alcohol	7.981	79	791078	53.060	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.257	45	964724	50.419	ng	97
17) 2-Methylphenol	8.181	107	790144	53.003	ng	98
18) Hexachloroethane	8.810	117	360239	48.481	ng	98
19) n-Nitroso-di-n-propyla...	8.534	70	659556	48.277	ng	99
20) 3+4-Methylphenols	8.504	107	1070403	52.263	ng	99
22) Acetophenone	8.551	105	1329945	47.006	ng	99
24) Nitrobenzene	8.928	77	958156	48.968	ng	99
25) Isophorone	9.451	82	1824153	53.651	ng	99
26) 2-Nitrophenol	9.634	139	490139	52.441	ng	100
27) 2,4-Dimethylphenol	9.698	122	820298	68.254	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	1174695	49.111	ng	100
29) 2,4-Dichlorophenol	10.169	162	840904	51.723	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	846155	47.107	ng	100
31) Naphthalene	10.569	128	2730588	46.030	ng	100
32) Benzoic acid	9.845	122	675754	57.653	ng	97
33) 4-Chloroaniline	10.675	127	392859	18.506	ng	99
34) Hexachlorobutadiene	10.851	225	484291	46.847	ng	98
35) Caprolactam	11.469	113	302043	56.686	ng	97
36) 4-Chloro-3-methylphenol	11.810	107	937414	53.448	ng	99
37) 2-Methylnaphthalene	12.180	142	1731705	43.210	ng	99
38) 1-Methylnaphthalene	12.398	142	1805790	46.327	ng	99
40) 1,2,4,5-Tetrachloroben...	12.551	216	911843	45.862	ng	99
41) Hexachlorocyclopentadiene	12.533	237	1255898	175.238	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	653973	51.757	ng	99

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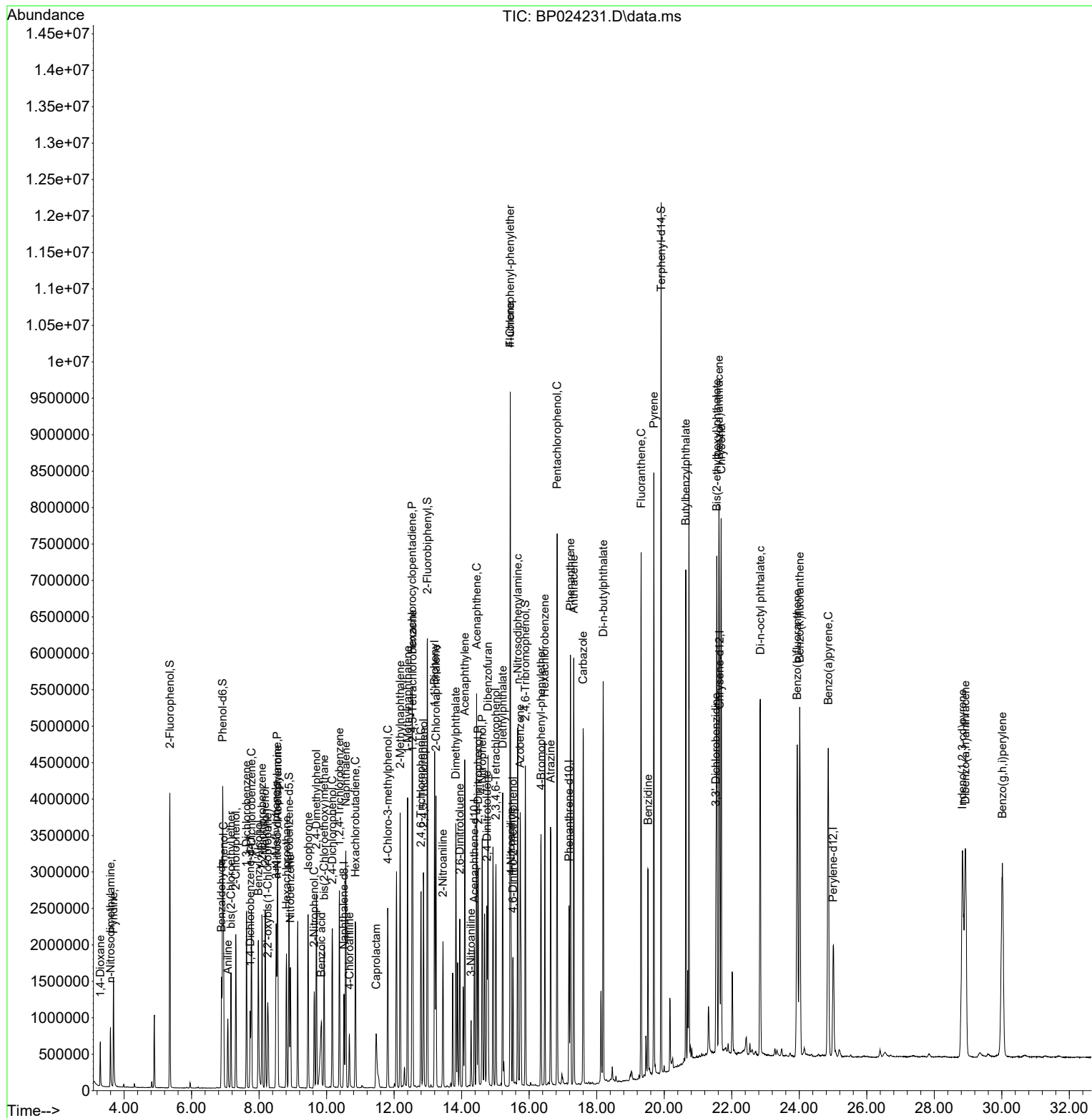
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	732067	52.830	ng	99
46) 1,1'-Biphenyl	13.198	154	2399237	46.421	ng	99
47) 2-Chloronaphthalene	13.239	162	1847743	47.529	ng	99
48) 2-Nitroaniline	13.445	65	556993	56.017	ng	97
49) Acenaphthylene	14.092	152	3103808	52.765	ng	100
50) Dimethylphthalate	13.827	163	2338909	48.599	ng	99
51) 2,6-Dinitrotoluene	13.945	165	525176	51.864	ng	99
52) Acenaphthene	14.445	154	1776413	47.265	ng	98
53) 3-Nitroaniline	14.280	138	247933	22.670	ng	98
54) 2,4-Dinitrophenol	14.492	184	693735	129.477	ng	98
55) Dibenzofuran	14.780	168	2781282	45.685	ng	99
56) 4-Nitrophenol	14.610	139	1086728	118.918	ng	97
57) 2,4-Dinitrotoluene	14.751	165	736493	55.063	ng	97
58) Fluorene	15.439	166	2287142	48.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	627051	51.218	ng	99
60) Diethylphthalate	15.216	149	2375103	49.558	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1091368	46.911	ng	99
62) 4-Nitroaniline	15.463	138	566183	49.359	ng	99
63) Azobenzene	15.733	77	2590747	57.354	ng	98
65) 4,6-Dinitro-2-methylph...	15.521	198	420734	53.333	ng	98
66) n-Nitrosodiphenylamine	15.663	169	1994927	49.438	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	710539	48.702	ng	98
68) Hexachlorobenzene	16.463	284	816929	47.309	ng	96
69) Atrazine	16.633	200	723151	74.247	ng	99
70) Pentachlorophenol	16.827	266	1231248	110.257	ng	100
71) Phenanthrene	17.221	178	3556819	48.996	ng	99
72) Anthracene	17.321	178	3617810	51.168	ng	100
73) Carbazole	17.598	167	3495657	51.267	ng	99
74) Di-n-butylphthalate	18.192	149	4265840	52.702	ng	99
75) Fluoranthene	19.315	202	4145716	49.309	ng	99
77) Benzidine	19.521	184	1493656	98.674	ng	99
78) Pyrene	19.692	202	4308248	50.053	ng	100
80) Butylbenzylphthalate	20.639	149	2002861	56.426	ng	98
81) Benzo(a)anthracene	21.621	228	4370438	50.773	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	933391	32.354	ng	100
83) Chrysene	21.686	228	4036729	48.783	ng	99
84) Bis(2-ethylhexyl)phtha...	21.556	149	2890618	53.971	ng	100
85) Di-n-octyl phthalate	22.845	149	4920837	57.344	ng	100
87) Indeno(1,2,3-cd)pyrene	28.827	276	5796219	52.655	ng	94
88) Benzo(b)fluoranthene	23.939	252	4593867	48.307	ng	97
89) Benzo(k)fluoranthene	24.015	252	4451059	47.849	ng	100
90) Benzo(a)pyrene	24.862	252	4402724	53.241	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4773931	52.128	ng	99
92) Benzo(g,h,i)perylene	30.015	276	4701649	50.504	ng	97

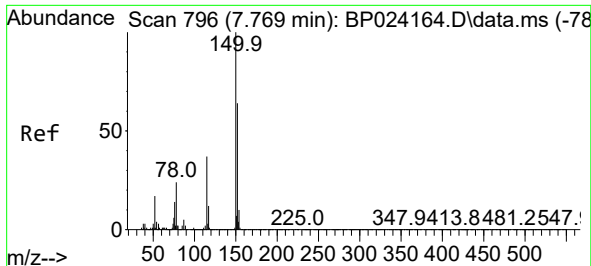
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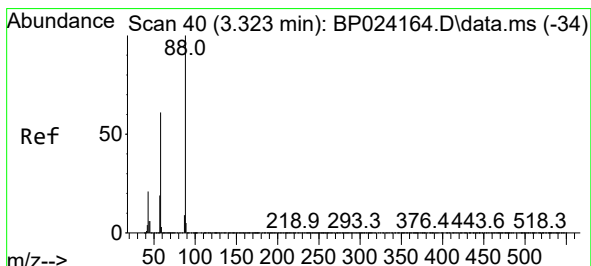
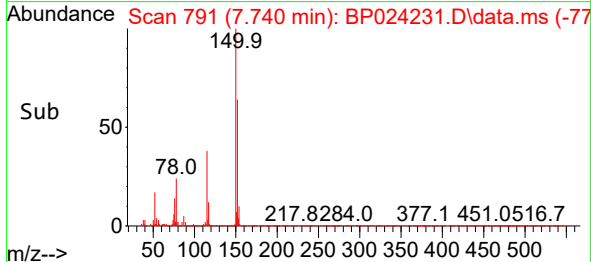
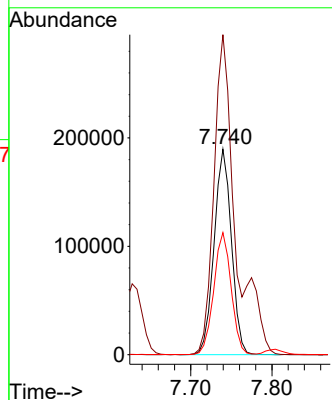
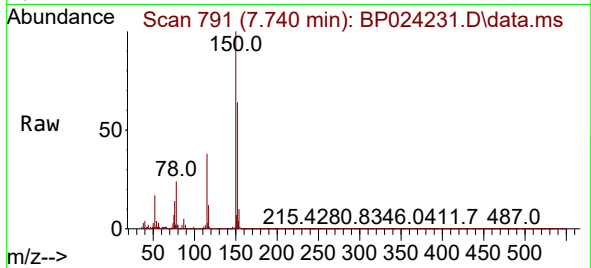




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024231.D
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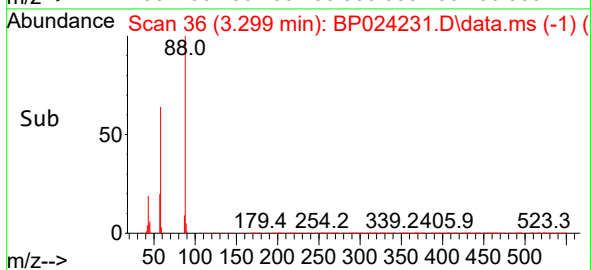
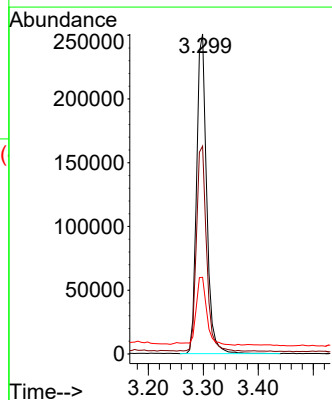
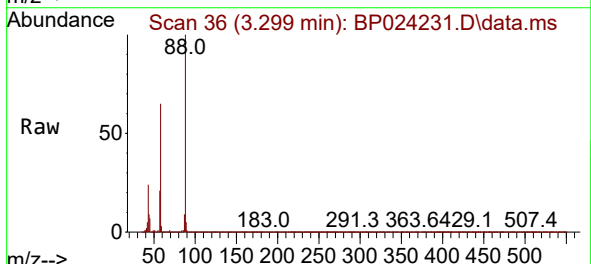
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

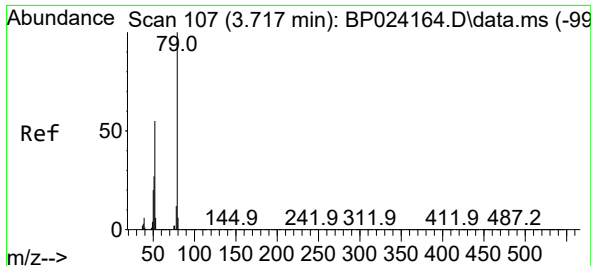
Tgt Ion:152 Resp: 281108
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 59.4 46.3 69.5



#2
1,4-Dioxane
Concen: 45.513 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 88 Resp: 317706
Ion Ratio Lower Upper
88 100
58 64.5 49.8 74.6
43 22.4 17.3 25.9





#3

Pyridine

Concen: 45.529 ng

RT: 3.687 min Scan# 10

Delta R.T. -0.030 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

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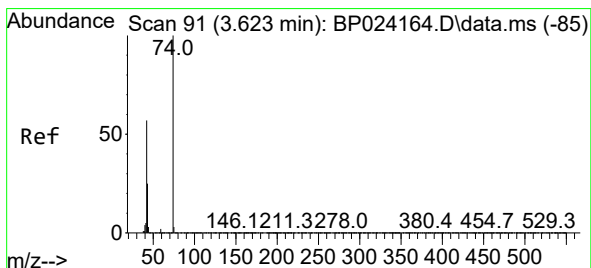
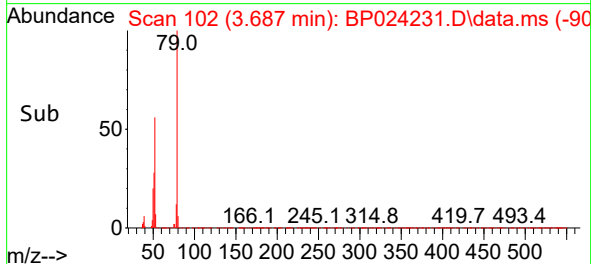
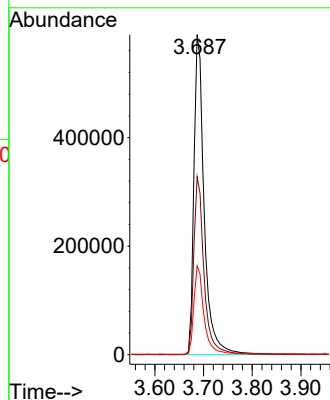
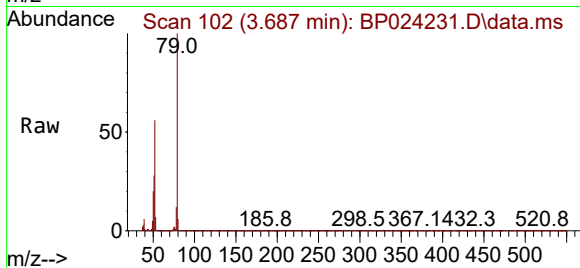
Tgt Ion: 79 Resp: 868827

Ion Ratio Lower Upper

79 100

52 55.6 43.8 65.8

51 27.7 21.6 32.4



#4

n-Nitrosodimethylamine

Concen: 47.764 ng

RT: 3.599 min Scan# 87

Delta R.T. -0.024 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

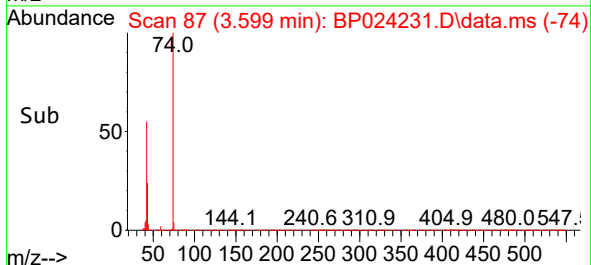
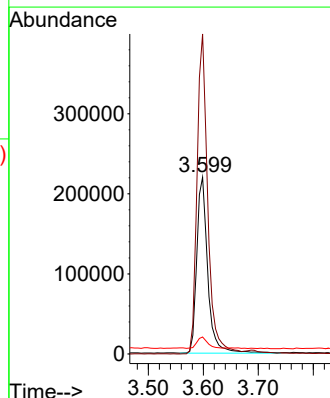
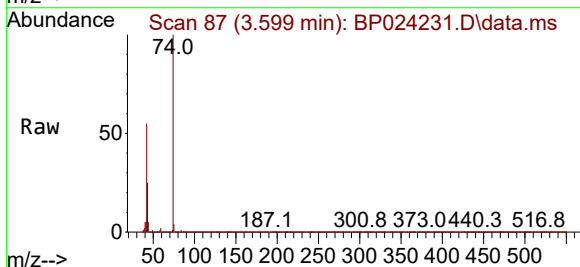
Tgt Ion: 42 Resp: 304479

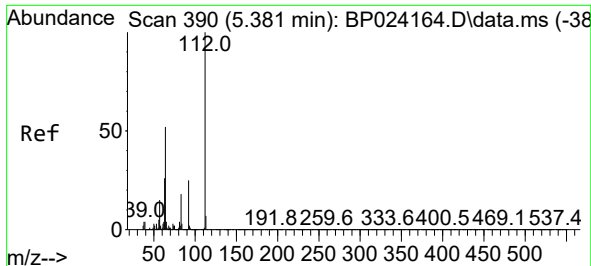
Ion Ratio Lower Upper

42 100

74 180.9 139.8 209.6

44 9.6 5.3 7.9#

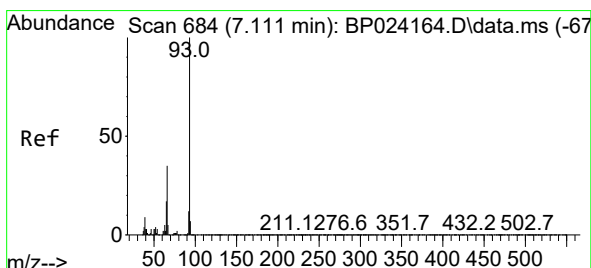
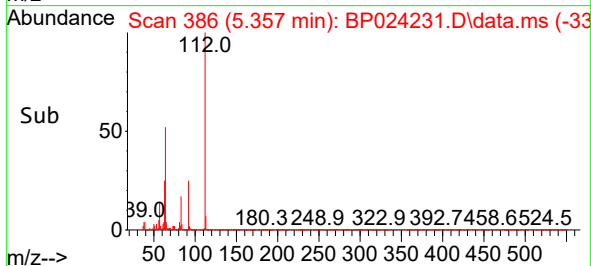
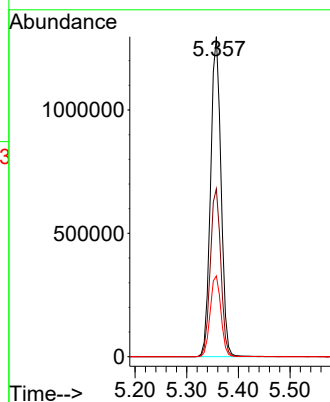
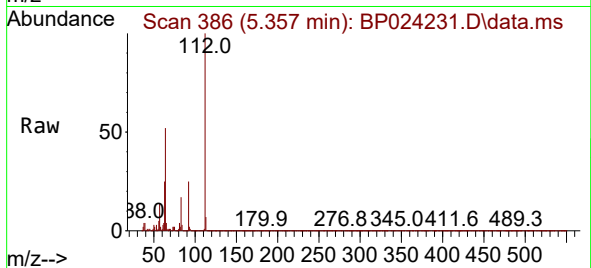




#5
2-Fluorophenol
Concen: 103.345 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

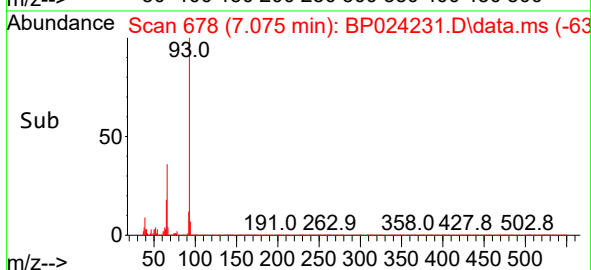
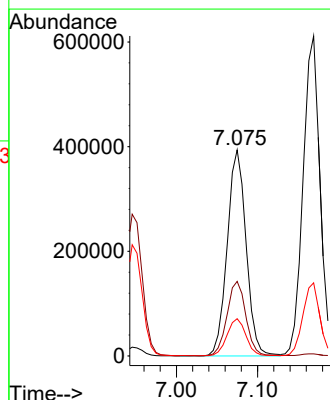
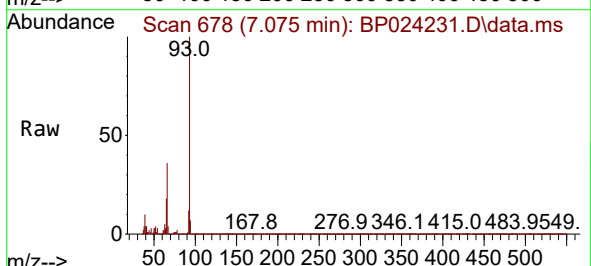
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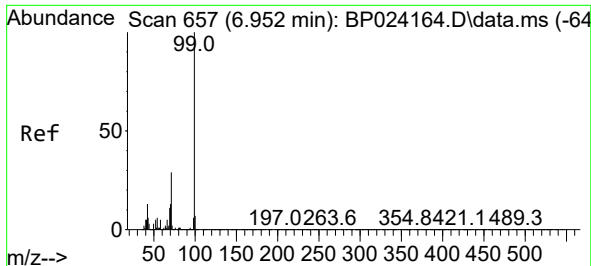
Tgt Ion:112 Resp: 1819928
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 25.2 20.6 31.0



#6
Aniline
Concen: 29.672 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 93 Resp: 636625
Ion Ratio Lower Upper
93 100
66 36.2 28.2 42.2
65 18.1 14.0 21.0

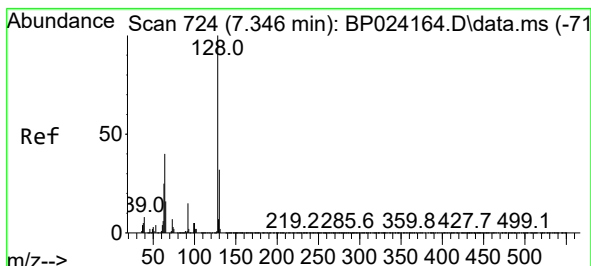
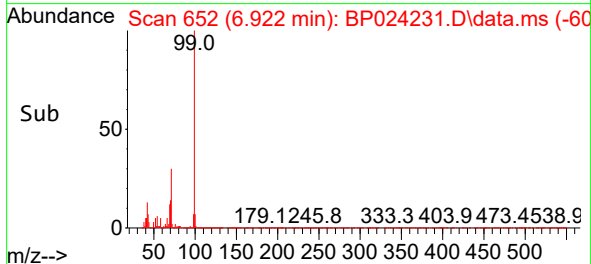
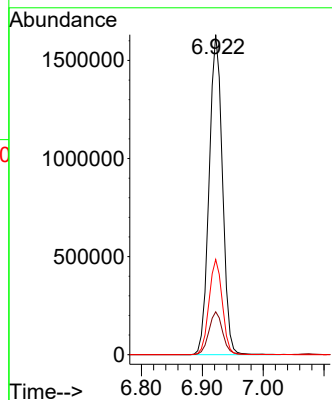
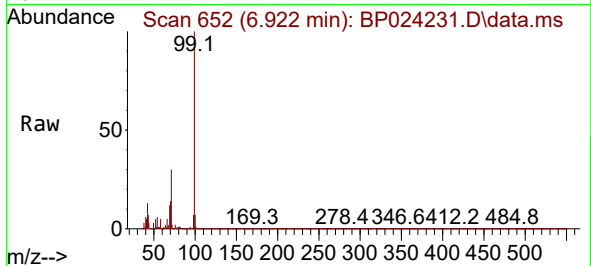




#7
Phenol-d6
Concen: 105.102 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024231.D
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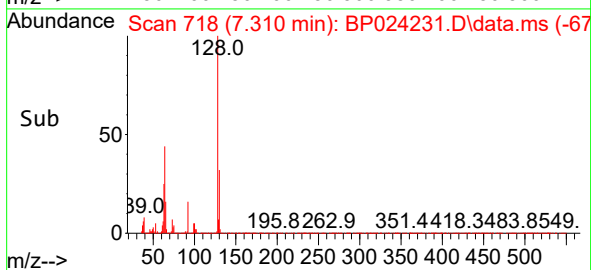
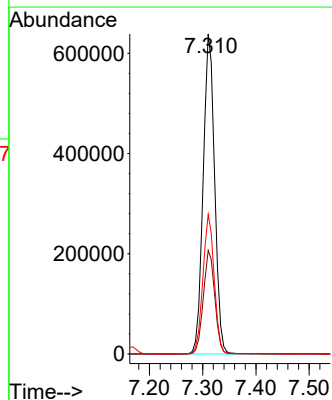
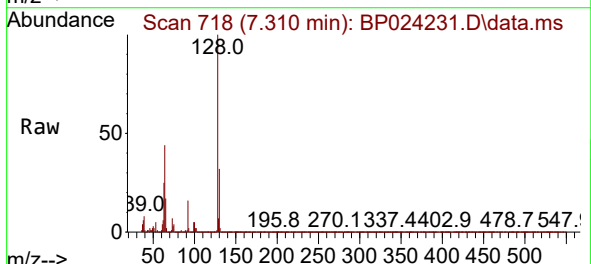
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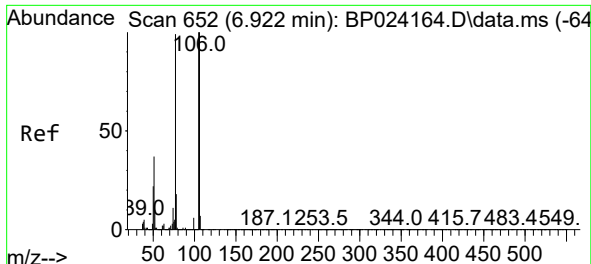
Tgt Ion: 99 Resp: 2475078
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.8 23.3 34.9



#8
2-Chlorophenol
Concen: 50.102 ng
RT: 7.310 min Scan# 718
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:128 Resp: 953022
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 43.6 21.6 61.6

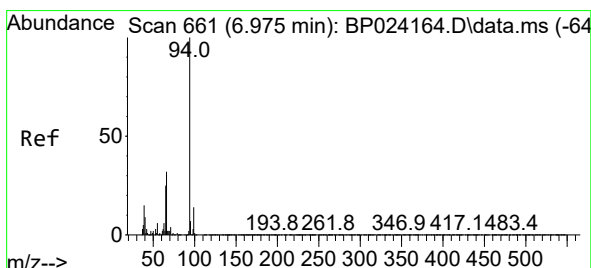
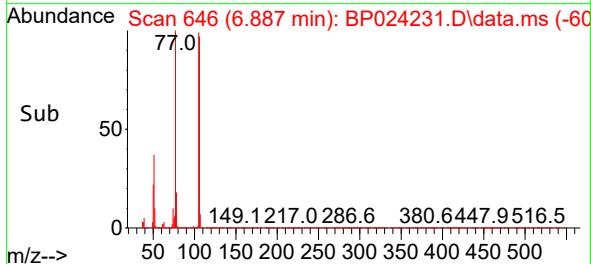
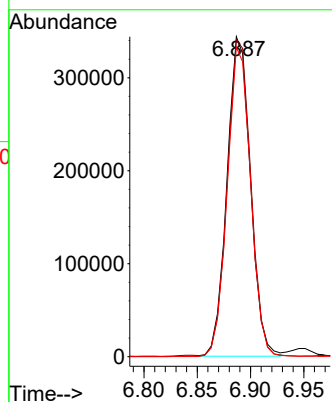
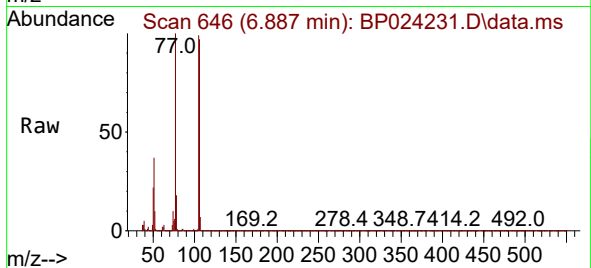




#9
Benzaldehyde
Concen: 46.196 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.036 min
Lab File: BP024231.D
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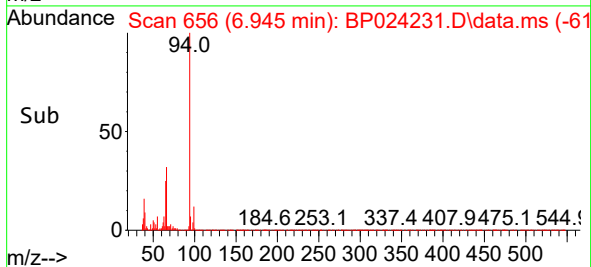
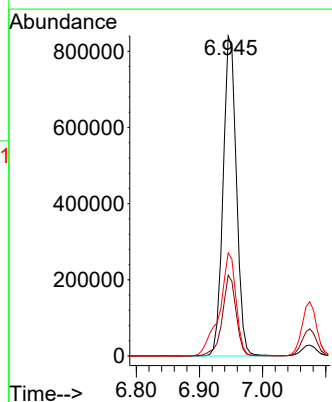
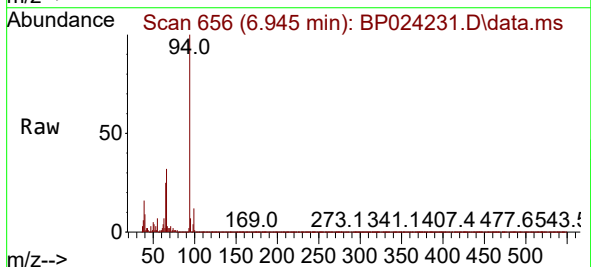
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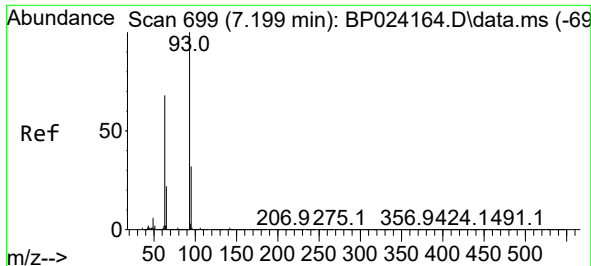
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Ion Ratio Lower Upper
77 100
105 99.0 81.4 121.4
106 96.7 81.1 121.1



#10
Phenol
Concen: 51.888 ng
RT: 6.945 min Scan# 656
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 94 Resp: 1233551
Ion Ratio Lower Upper
94 100
65 25.3 4.9 44.9
66 32.2 11.9 51.9

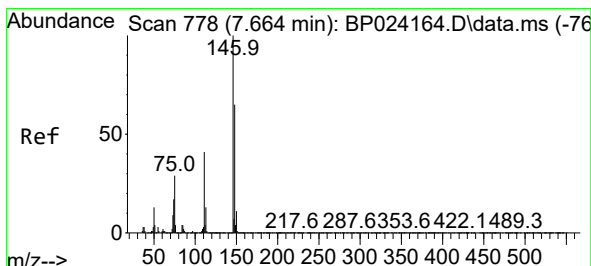
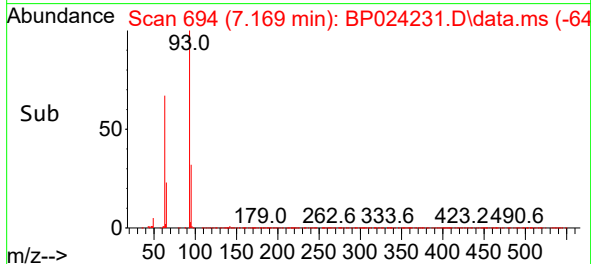
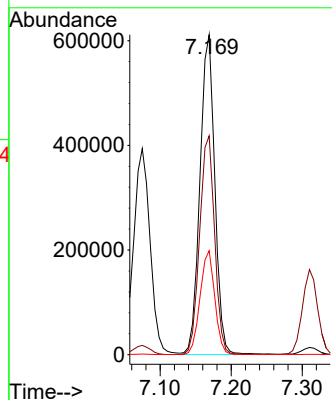
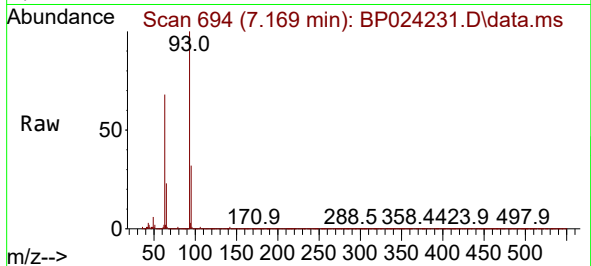




#11
bis(2-Chloroethyl)ether
Concen: 47.533 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

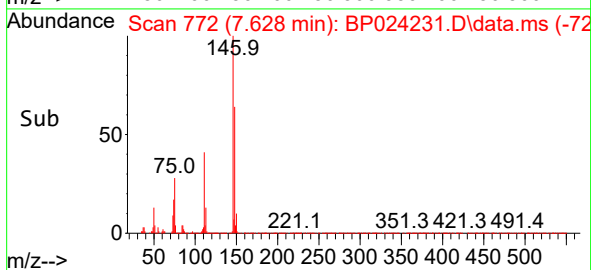
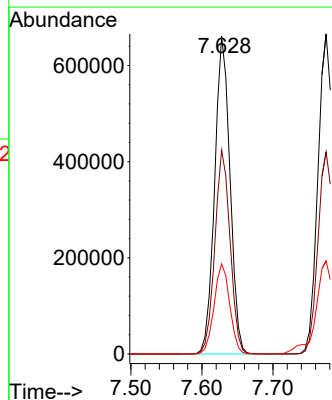
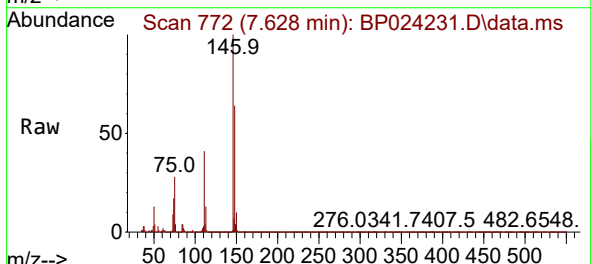
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

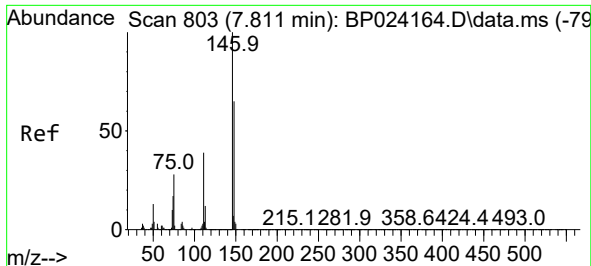
Tgt Ion: 93 Resp: 891121
Ion Ratio Lower Upper
93 100
63 68.4 47.4 87.4
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.206 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:146 Resp: 988820
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
75 28.4 22.8 34.2

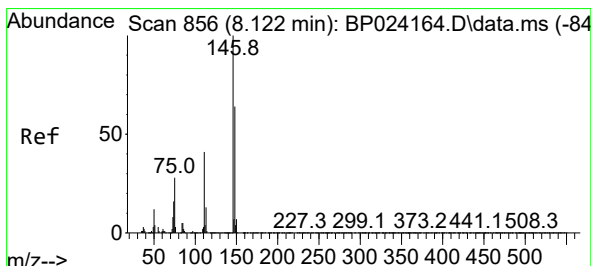
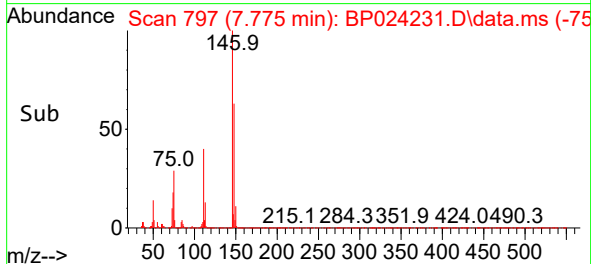
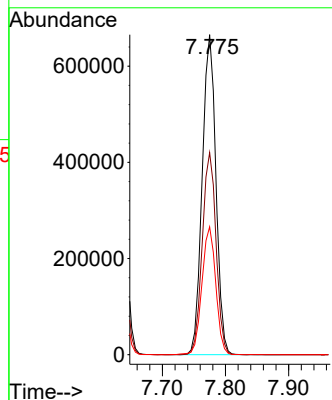
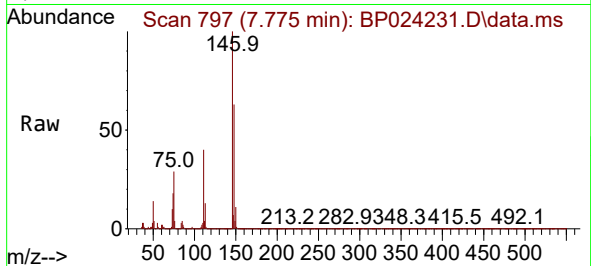




#13
1,4-Dichlorobenzene
Concen: 47.895 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

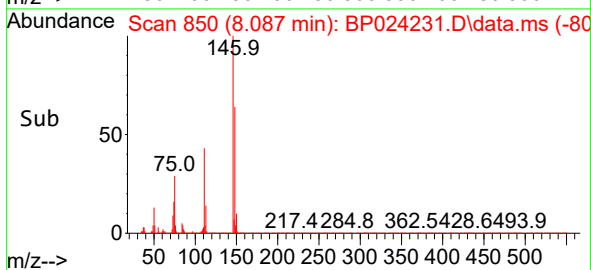
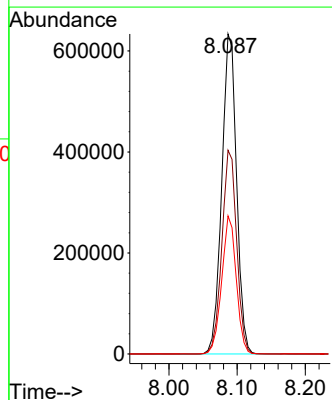
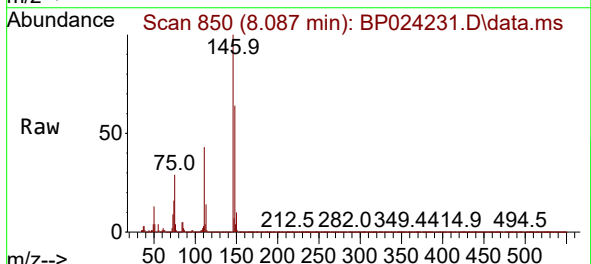
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

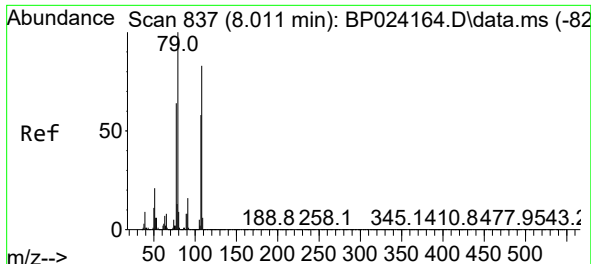
Tgt Ion:146 Resp: 1003118
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
111 39.9 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.596 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:146 Resp: 956599
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.1 33.2 49.8

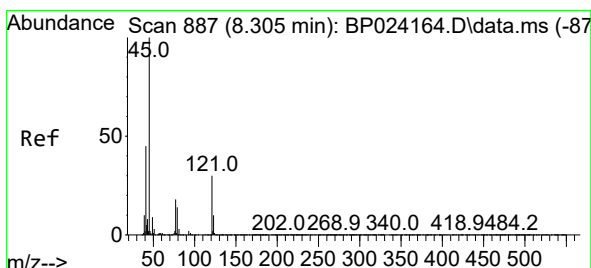
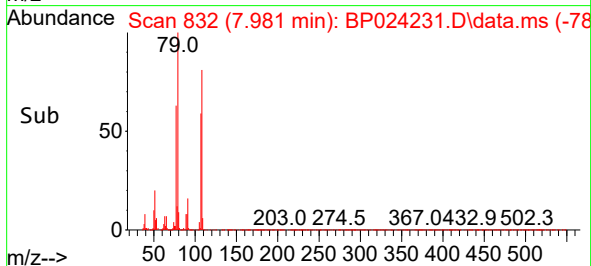
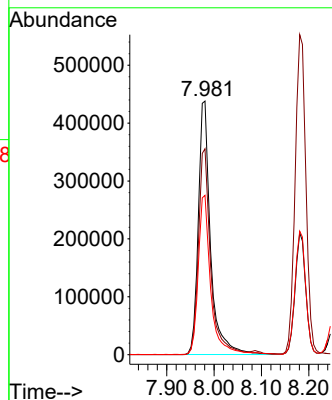
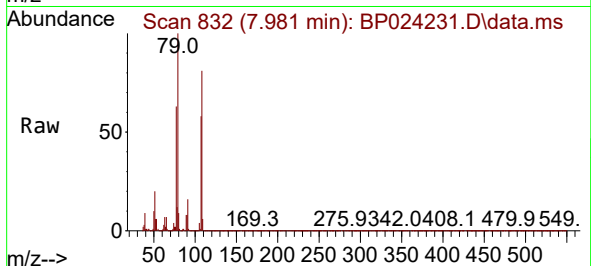




#15
Benzyl Alcohol
Concen: 53.060 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

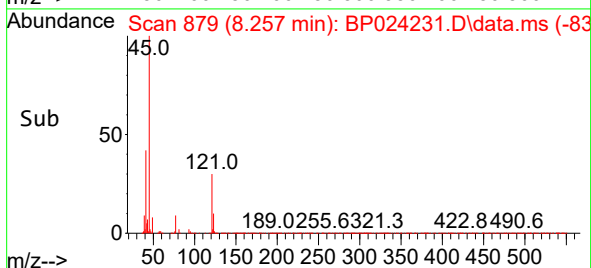
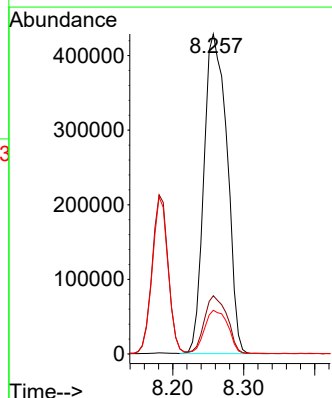
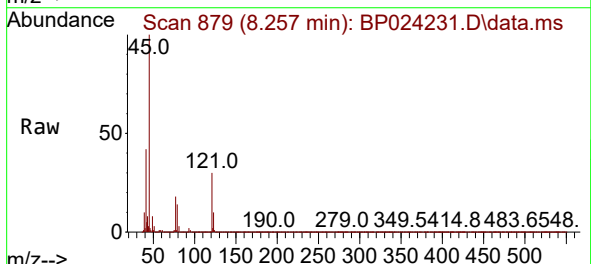
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

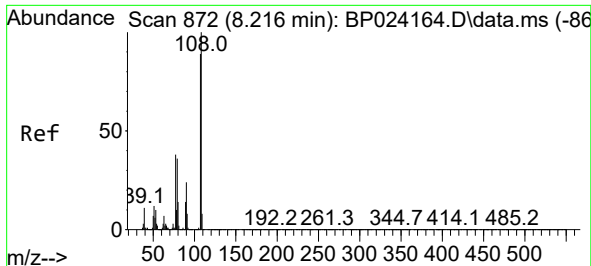
Tgt Ion: 79 Resp: 791078
Ion Ratio Lower Upper
79 100
108 81.2 66.5 99.7
77 62.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.419 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.047 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

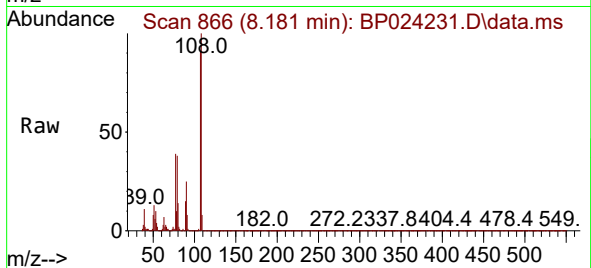
Tgt Ion: 45 Resp: 964724
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 13.7 0.0 35.6



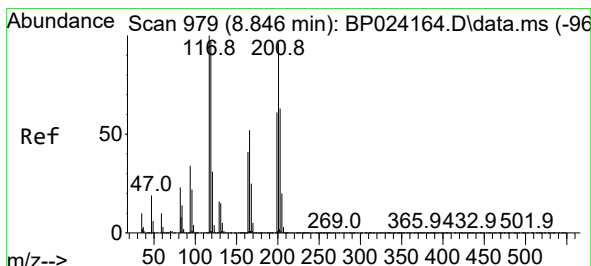
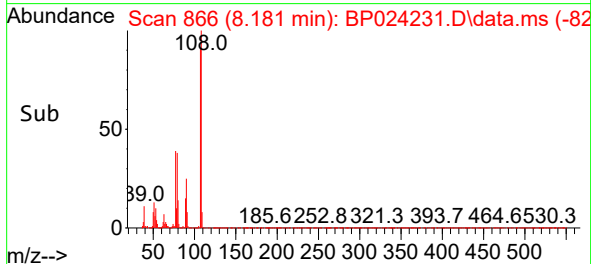
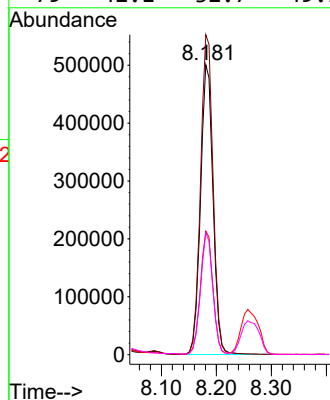


#17
2-Methylphenol
Concen: 53.003 ng
RT: 8.181 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

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

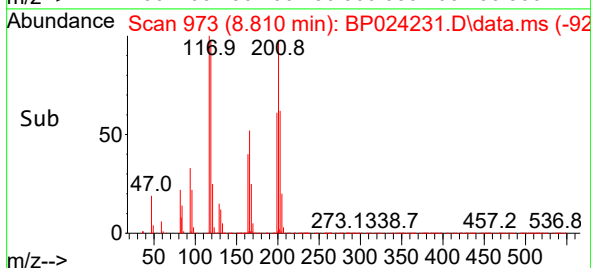
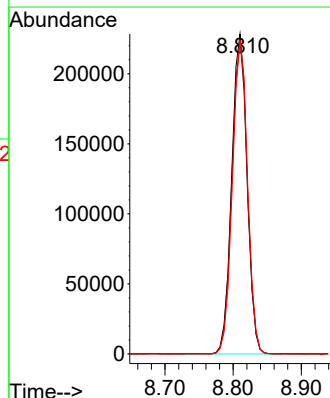
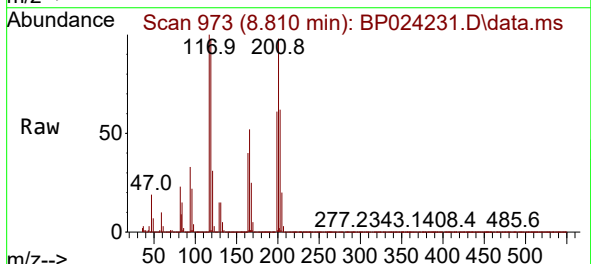


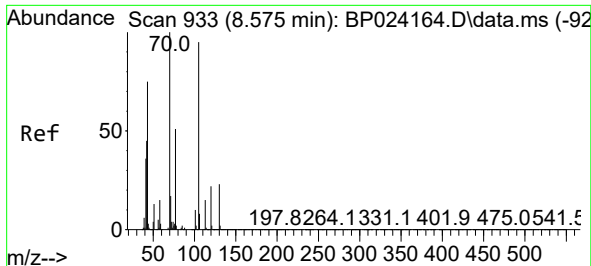
Tgt Ion:	107	Resp:	790144
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.0	135.0
77	42.6	34.0	51.0
79	42.1	32.7	49.1



#18
Hexachloroethane
Concen: 48.481 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:	117	Resp:	360239
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	97.9	76.6	114.8

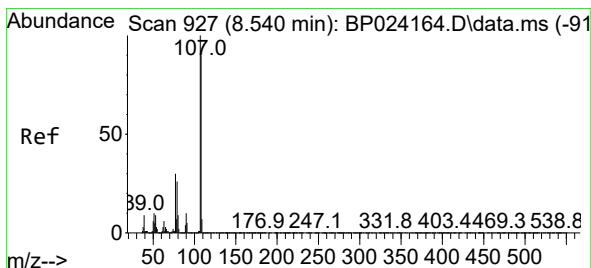
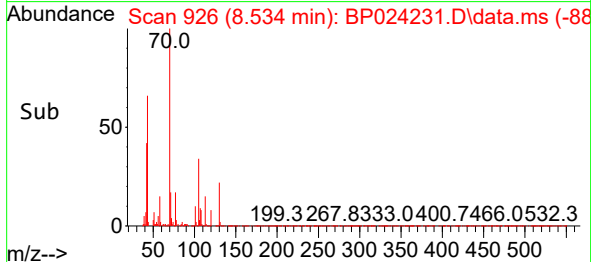
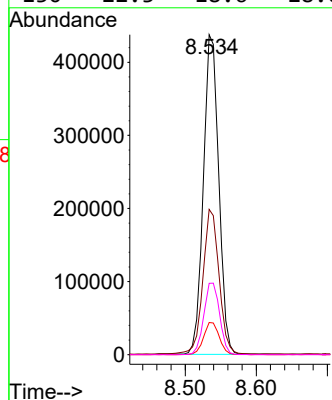
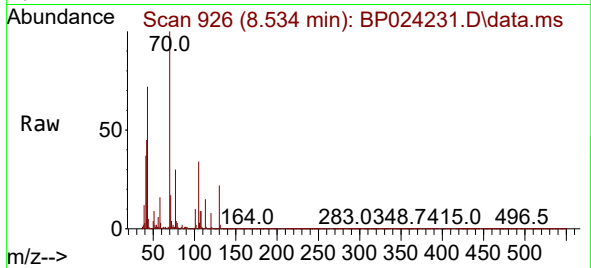




#19
n-Nitroso-di-n-propylamine
Concen: 48.277 ng
RT: 8.534 min Scan# 91
Delta R.T. -0.042 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

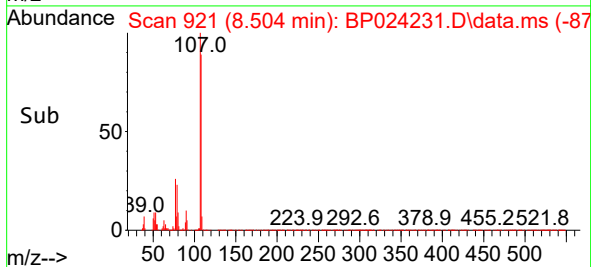
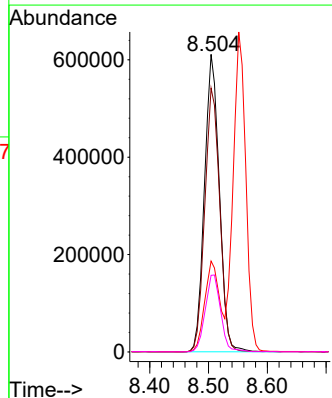
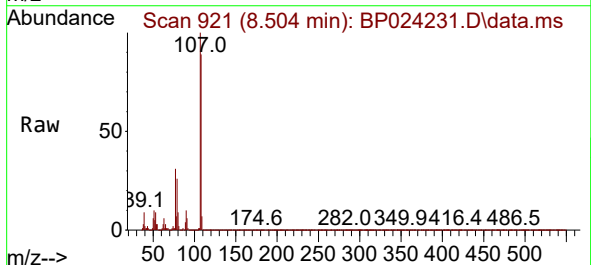
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

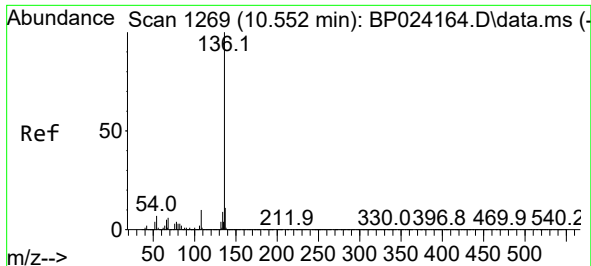
Tgt Ion: 70 Resp: 659556
Ion Ratio Lower Upper
70 100
42 45.4 36.0 54.0
101 10.0 8.3 12.5
130 22.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 52.263 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 107 Resp: 1070403
Ion Ratio Lower Upper
107 100
108 88.7 69.7 109.7
77 30.5 10.3 50.3
79 25.7 6.1 46.1

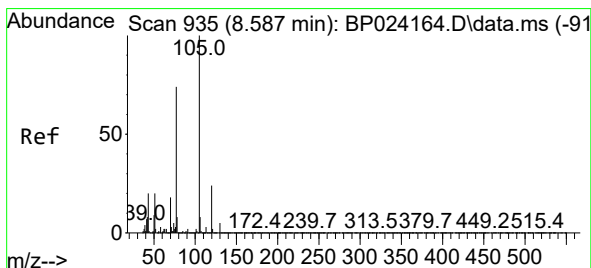
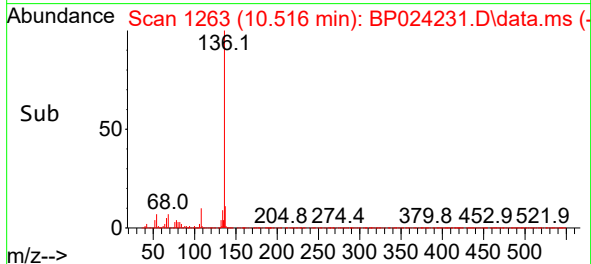
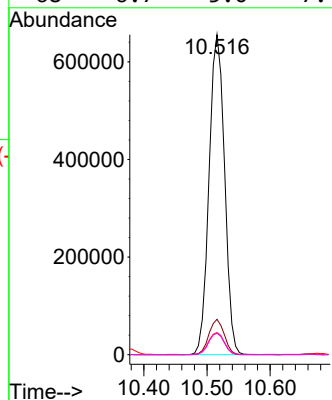
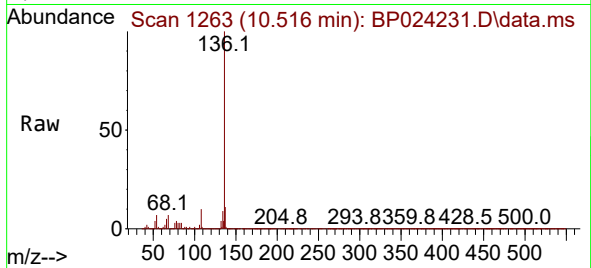




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 111
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

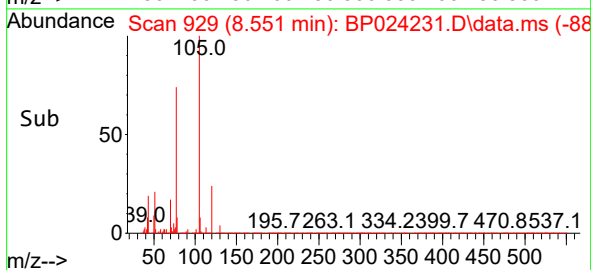
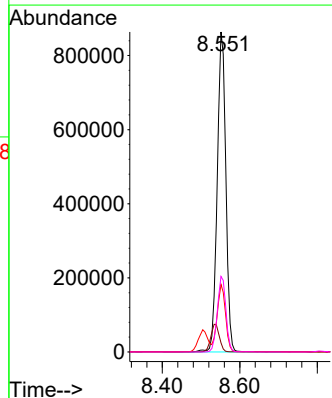
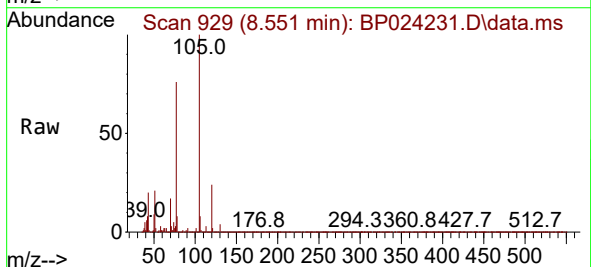
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

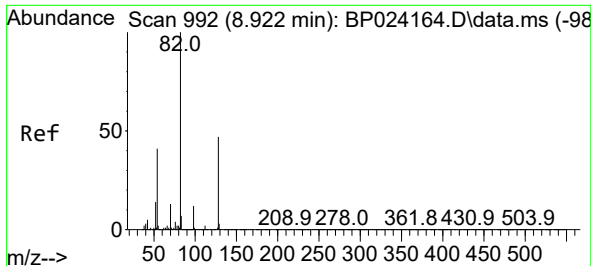
Tgt Ion:136 Resp: 1119091
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.9 5.3 7.9
68 6.7 5.0 7.4



#22
Acetophenone
Concen: 47.006 ng
RT: 8.551 min Scan# 929
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:105 Resp: 1329945
Ion Ratio Lower Upper
105 100
71 2.8 2.4 3.6
51 21.1 16.2 24.2
120 23.6 19.0 28.6

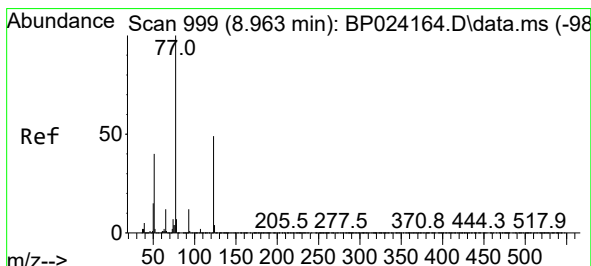
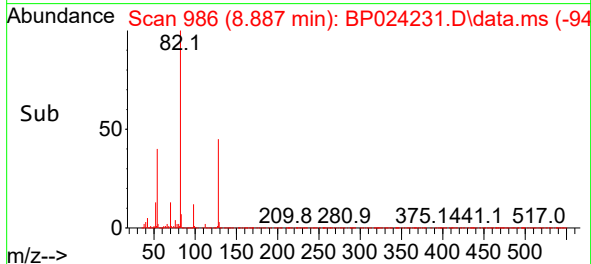
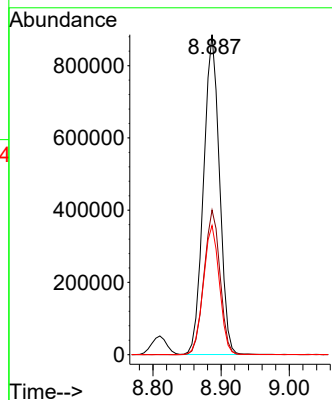
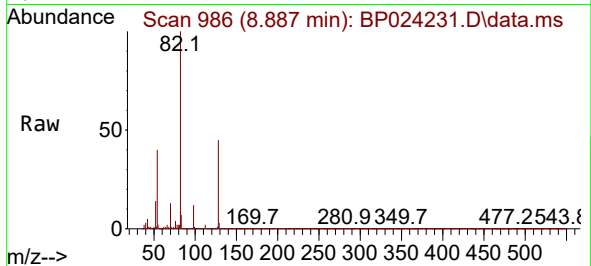




#23
Nitrobenzene-d5
Concen: 72.369 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

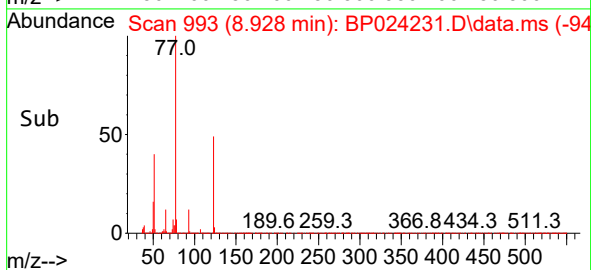
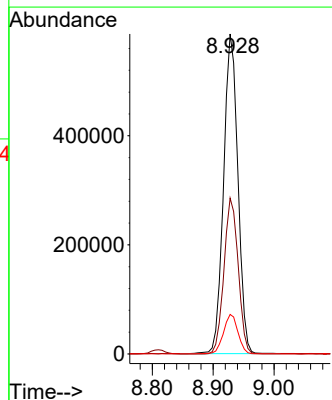
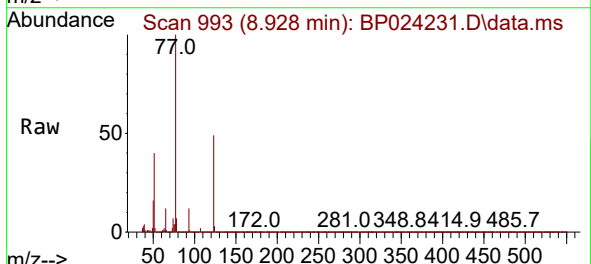
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

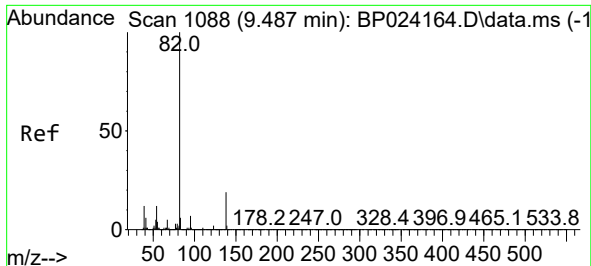
Tgt Ion: 82 Resp: 1435411
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.0
54 40.4 32.5 48.7



#24
Nitrobenzene
Concen: 48.968 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 77 Resp: 958156
Ion Ratio Lower Upper
77 100
123 48.7 39.4 59.2
65 12.4 9.9 14.9

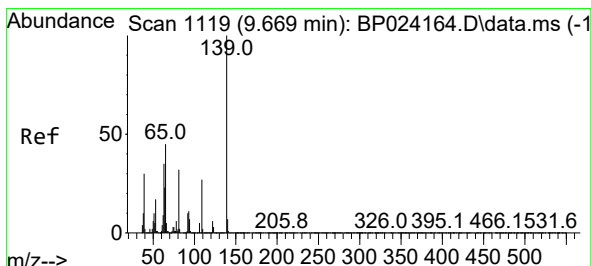
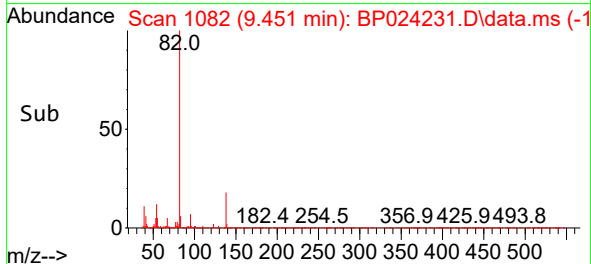
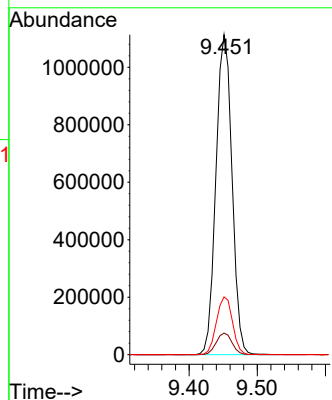
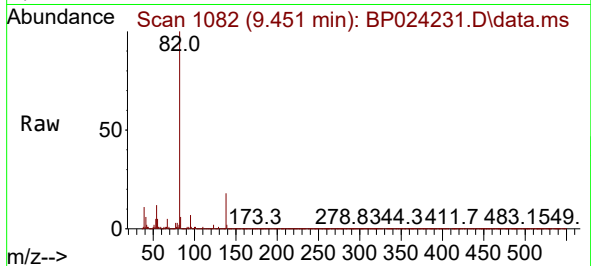




#25
Isophorone
Concen: 53.651 ng
RT: 9.451 min Scan# 1082
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

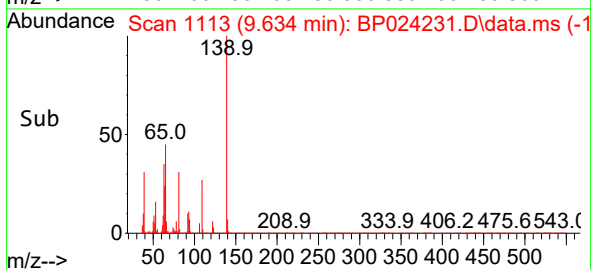
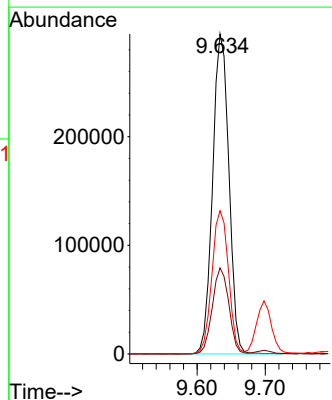
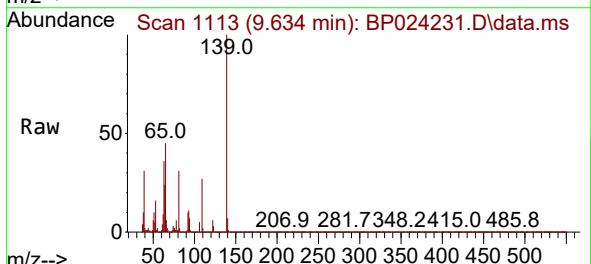
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

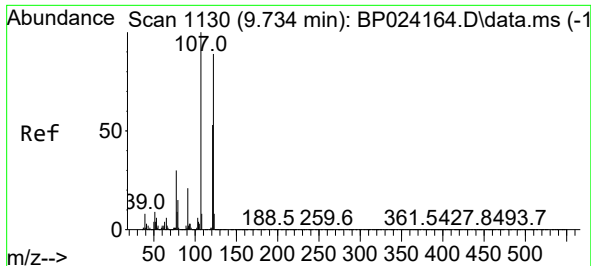
Tgt Ion: 82 Resp: 1824153
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.0 14.8 22.2



#26
2-Nitrophenol
Concen: 52.441 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 139 Resp: 490139
Ion Ratio Lower Upper
139 100
109 26.9 21.7 32.5
65 44.8 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 68.254 ng

RT: 9.698 min Scan# 1124

Delta R.T. -0.036 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

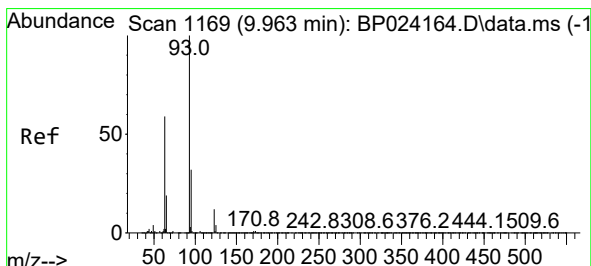
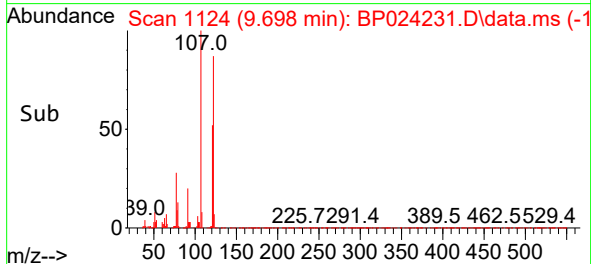
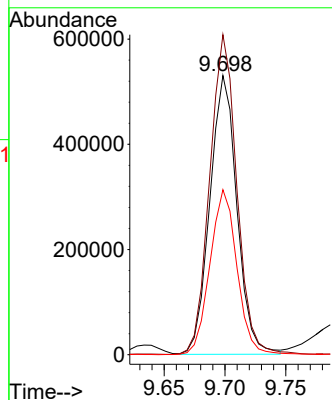
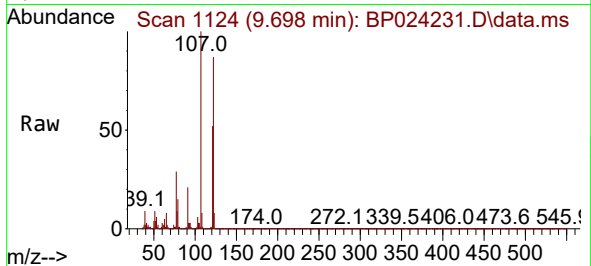
Tgt Ion:122 Resp: 820298

Ion Ratio Lower Upper

122 100

107 114.6 89.3 133.9

121 59.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.111 ng

RT: 9.928 min Scan# 1163

Delta R.T. -0.036 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

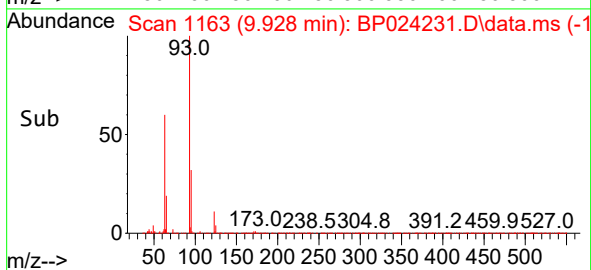
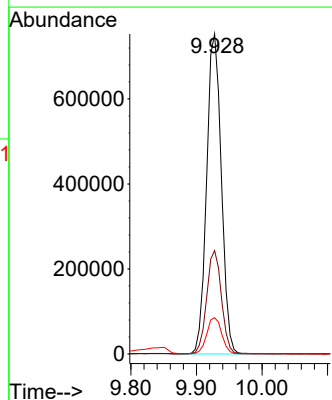
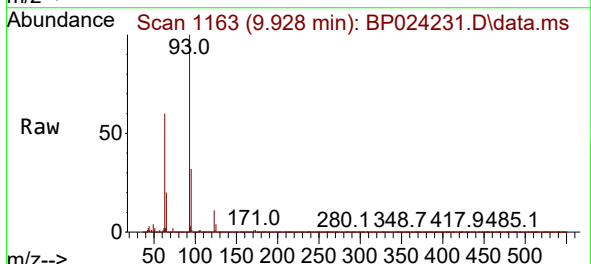
Tgt Ion: 93 Resp: 1174695

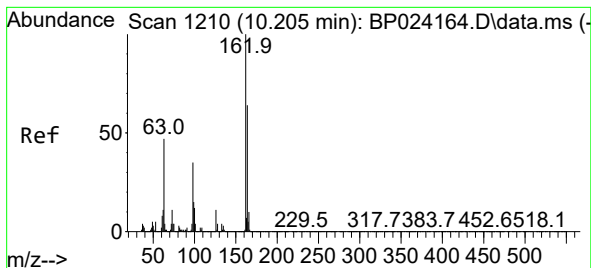
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 51.723 ng

RT: 10.169 min Scan# 1210

Delta R.T. -0.036 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

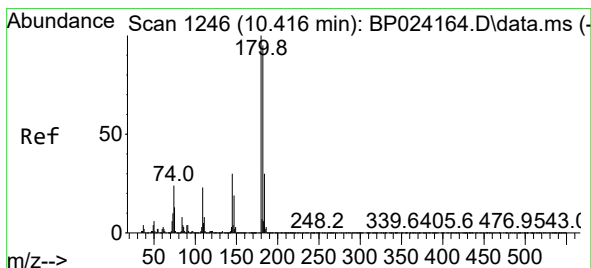
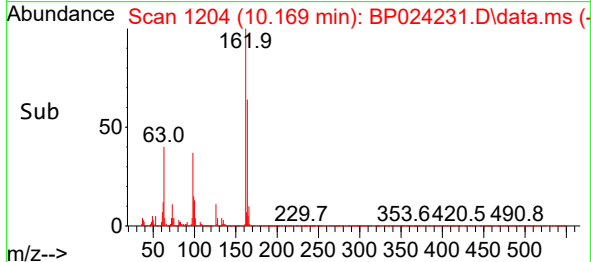
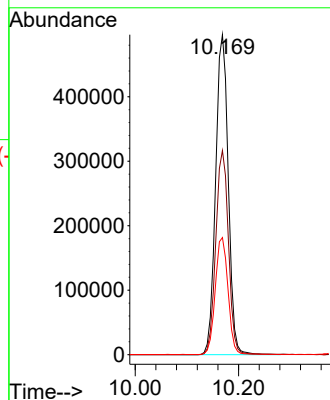
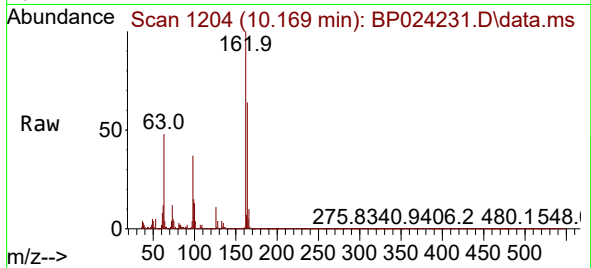
Tgt Ion:162 Resp: 840904

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 36.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 47.107 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.036 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

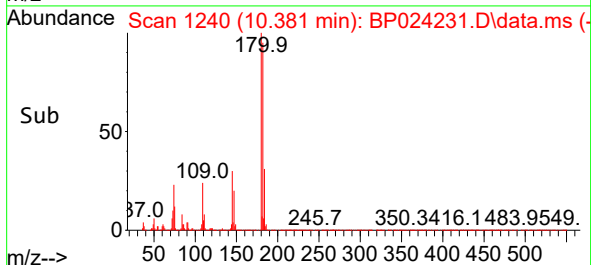
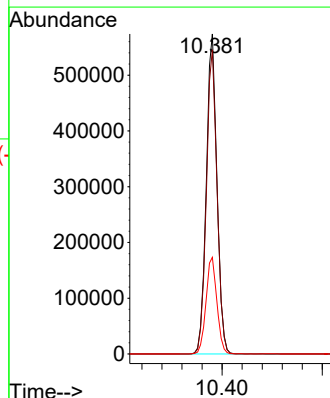
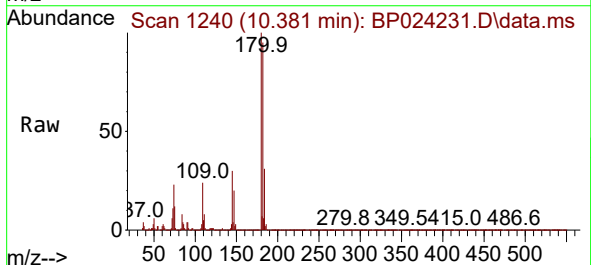
Tgt Ion:180 Resp: 846155

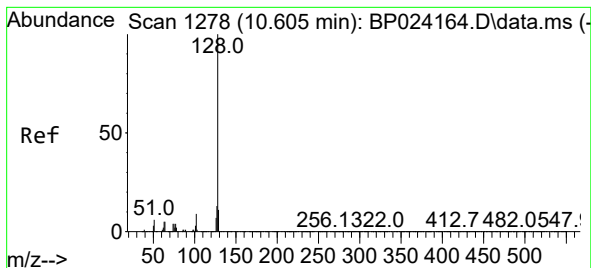
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 30.2 24.2 36.2





#31

Naphthalene

Concen: 46.030 ng

RT: 10.569 min Scan# 1149

Delta R.T. -0.036 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

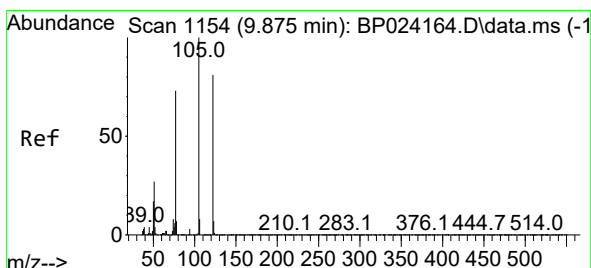
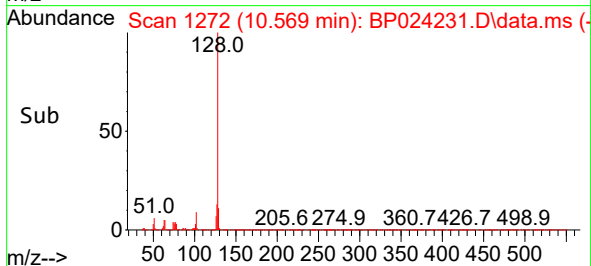
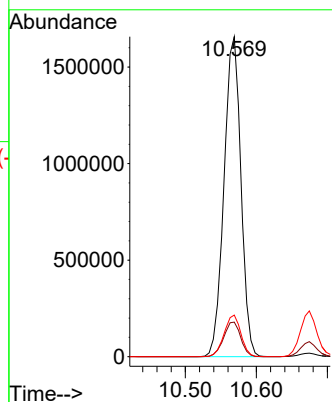
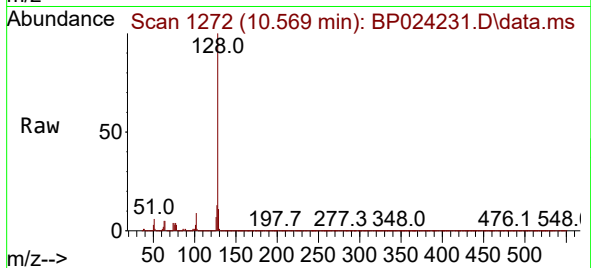
Tgt Ion:128 Resp: 2730588

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 57.653 ng

RT: 9.845 min Scan# 1149

Delta R.T. -0.030 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

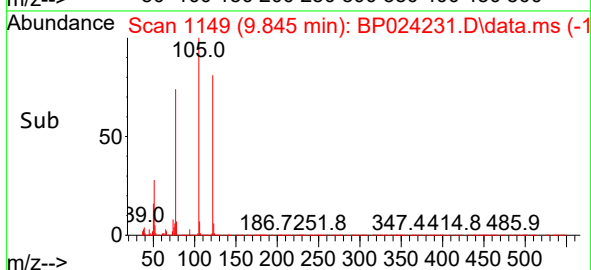
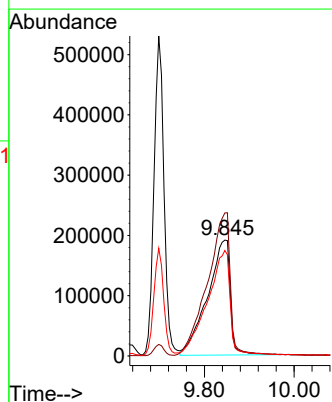
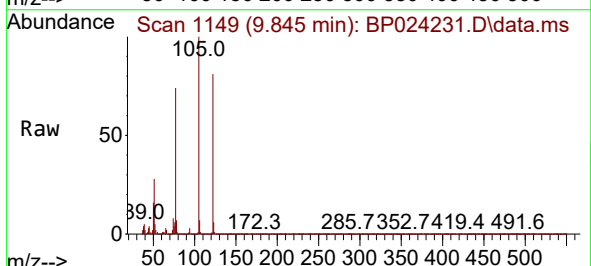
Tgt Ion:122 Resp: 675754

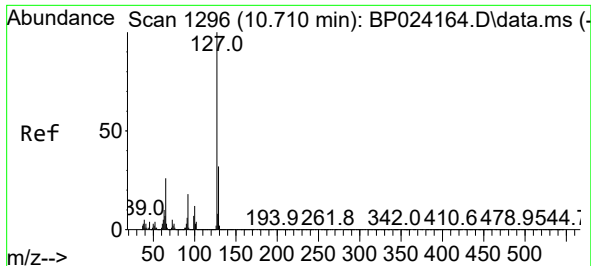
Ion Ratio Lower Upper

122 100

105 123.4 100.3 140.3

77 91.1 69.1 109.1

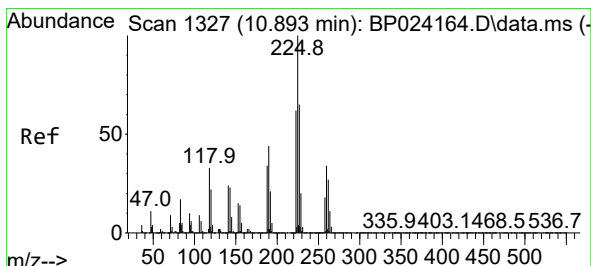
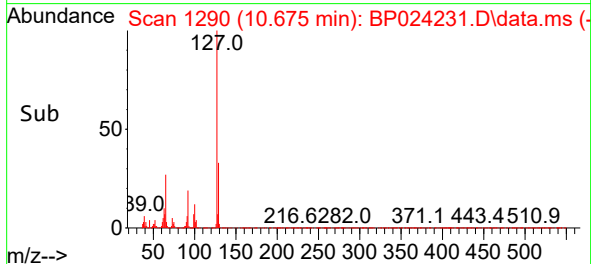
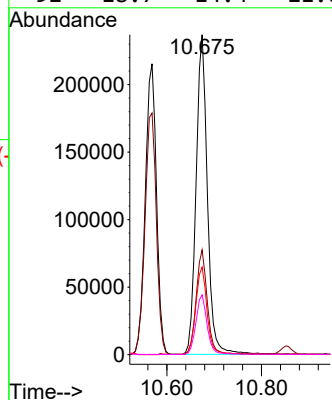
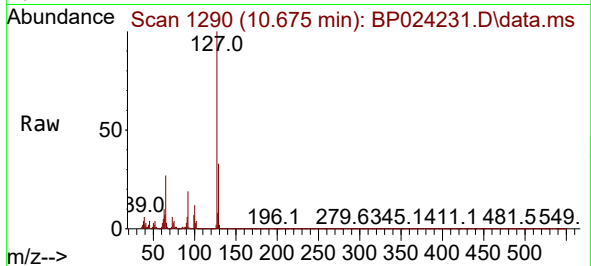




#33
4-Chloroaniline
Concen: 18.506 ng
RT: 10.675 min Scan# 1296
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

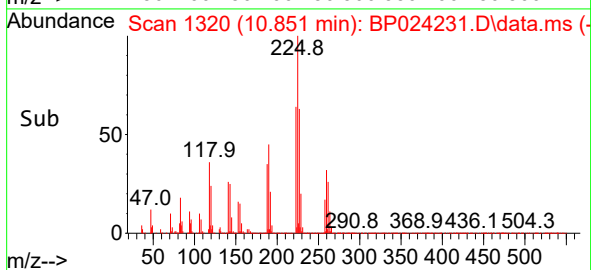
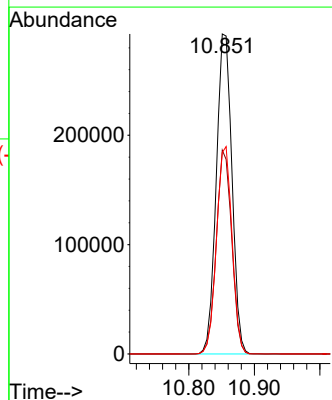
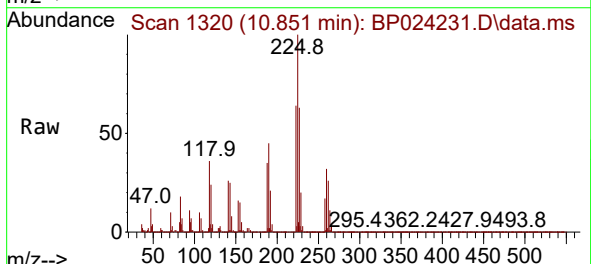
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

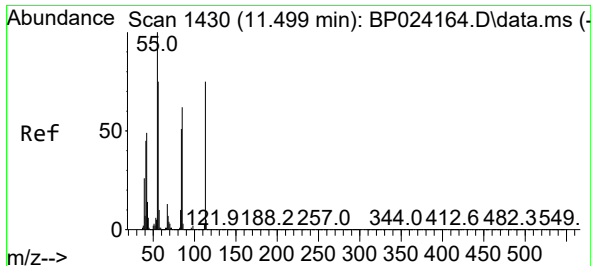
Tgt	Ion:127	Resp:	392859
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	27.4	21.2	31.8
92	18.7	14.4	21.6



#34
Hexachlorobutadiene
Concen: 46.847 ng
RT: 10.851 min Scan# 1320
Delta R.T. -0.042 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt	Ion:225	Resp:	484291
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.9	74.9
227	63.0	52.2	78.2

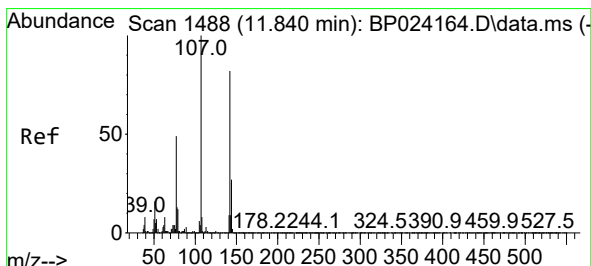
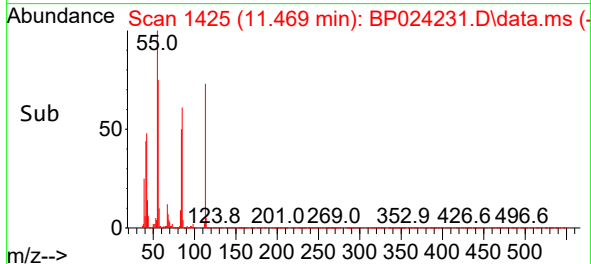
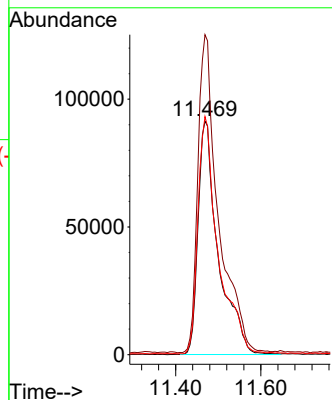
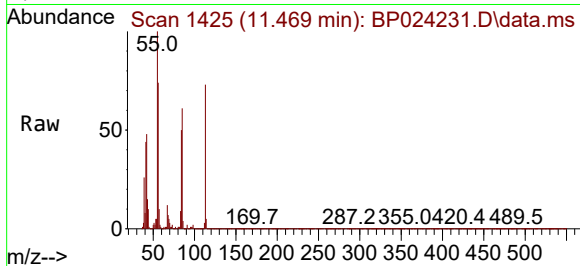




#35
Caprolactam
Concen: 56.686 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

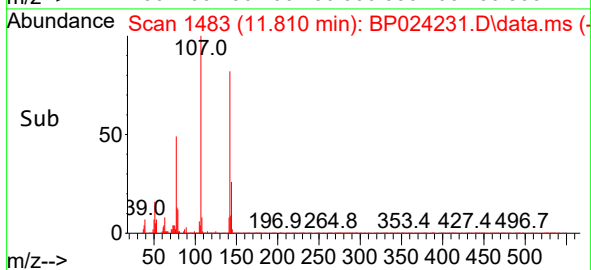
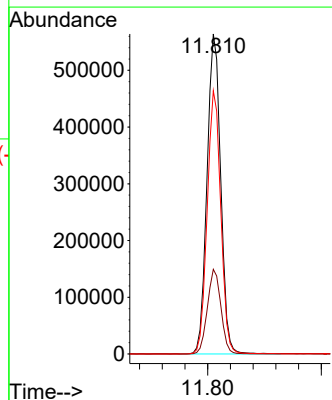
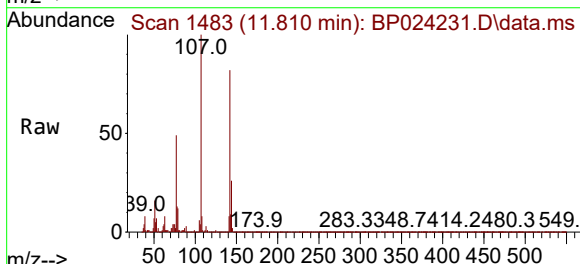
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

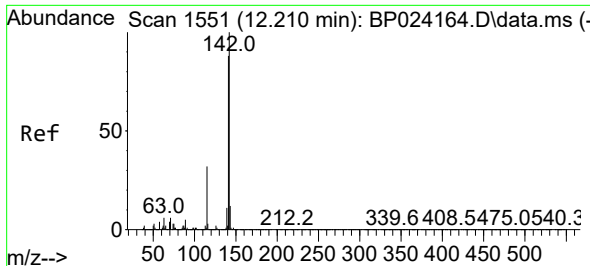
Tgt Ion:113 Resp: 302043
Ion Ratio Lower Upper
113 100
55 137.1 113.6 153.6
56 102.0 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 53.448 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:107 Resp: 937414
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 82.2 65.4 98.0

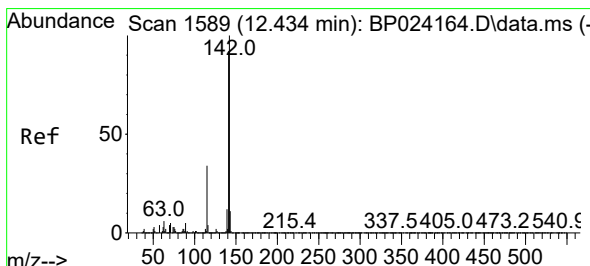
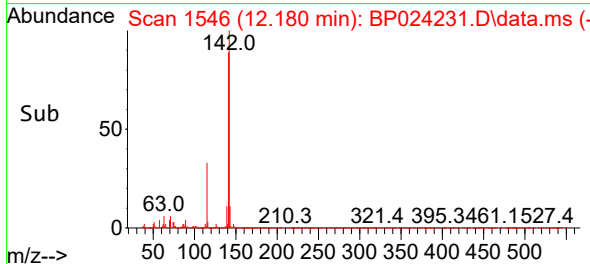
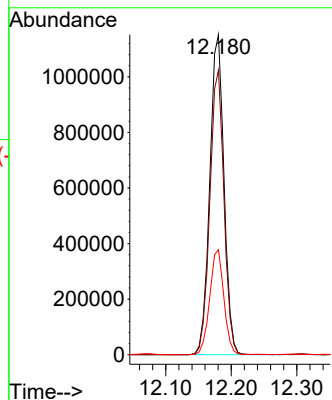
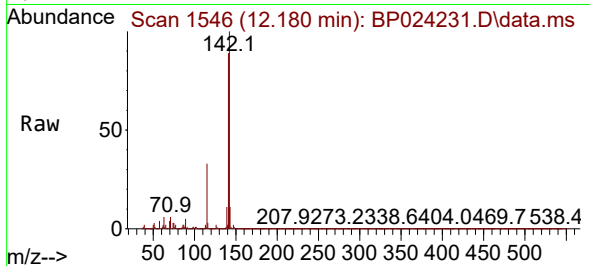




#37
2-Methylnaphthalene
Concen: 43.210 ng
RT: 12.180 min Scan# 1551
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

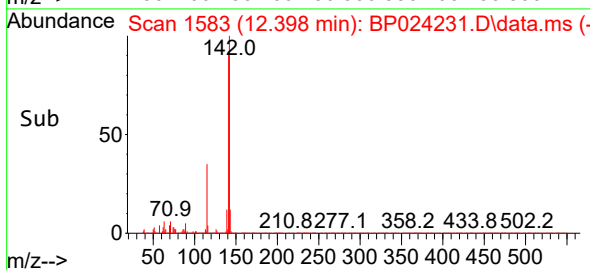
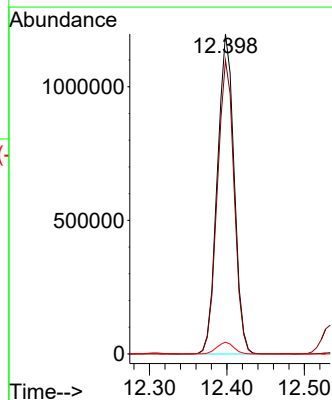
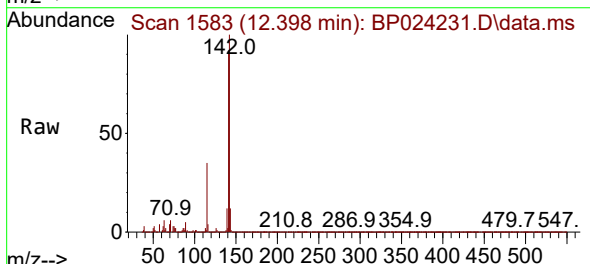
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

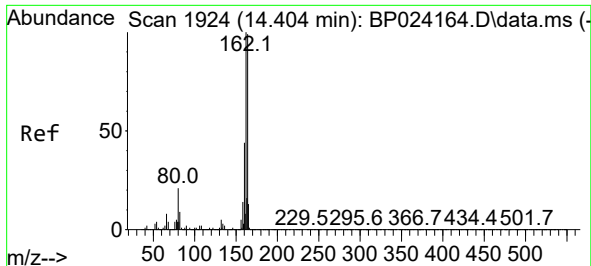
Tgt Ion:142 Resp: 1731705
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 32.9 26.0 39.0



#38
1-Methylnaphthalene
Concen: 46.327 ng
RT: 12.398 min Scan# 1583
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:142 Resp: 1805790
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.7 2.8 4.2

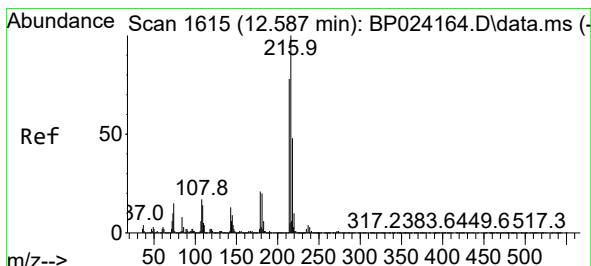
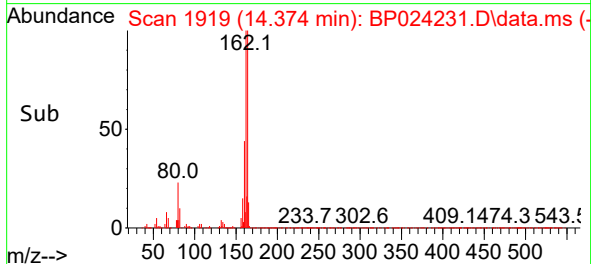
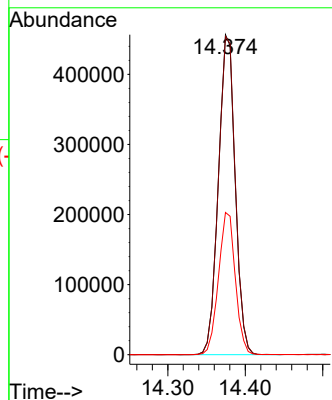
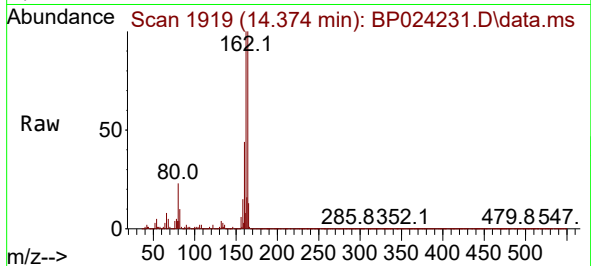




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.374 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

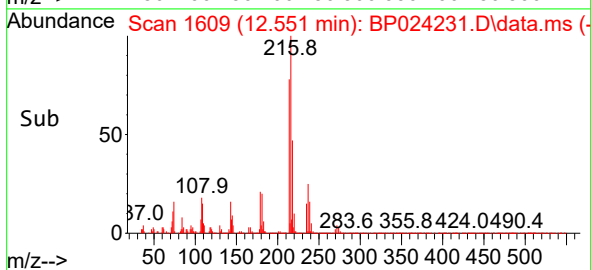
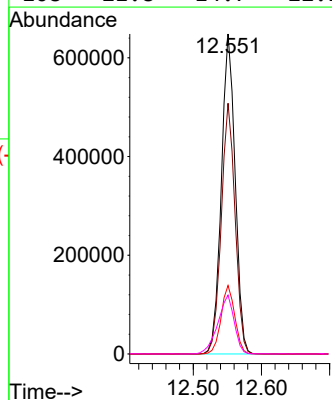
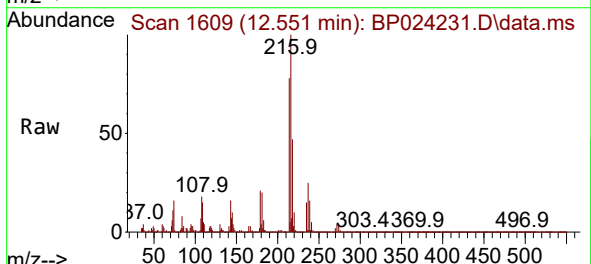
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

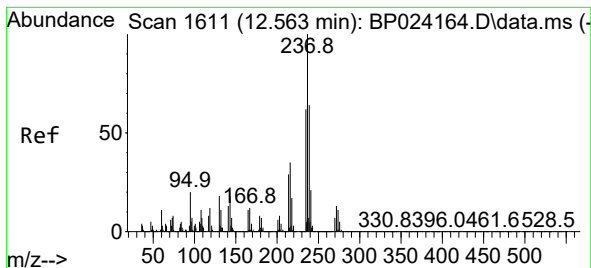
Tgt Ion:164 Resp: 687797
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 44.5 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.862 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:216 Resp: 911843
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 21.4 16.8 25.2
108 21.8 14.7 22.1

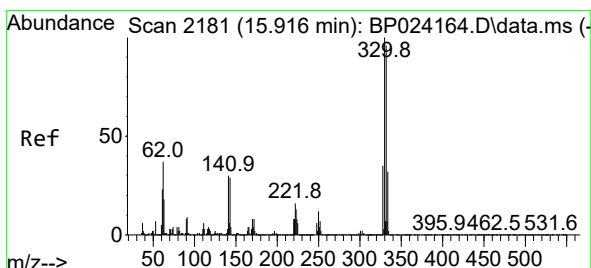
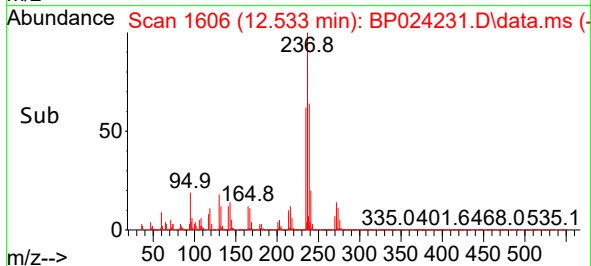
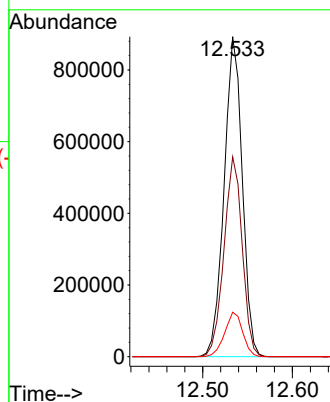
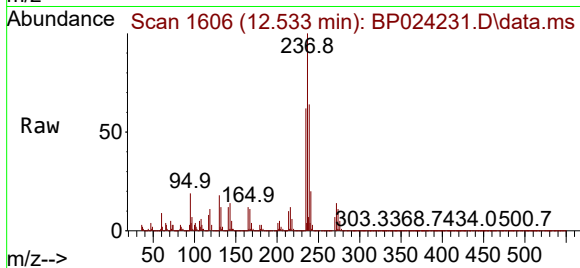




#41
Hexachlorocyclopentadiene
Concen: 175.238 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

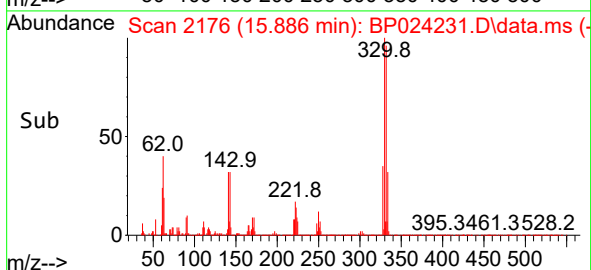
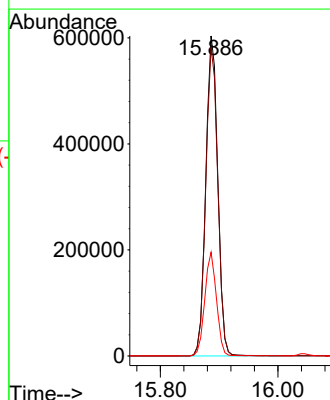
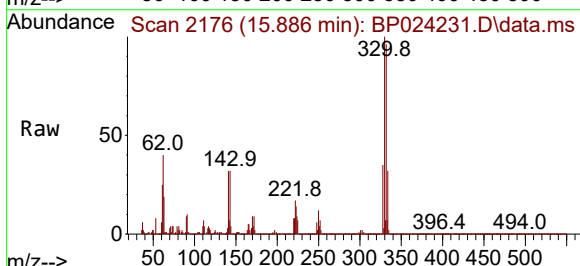
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

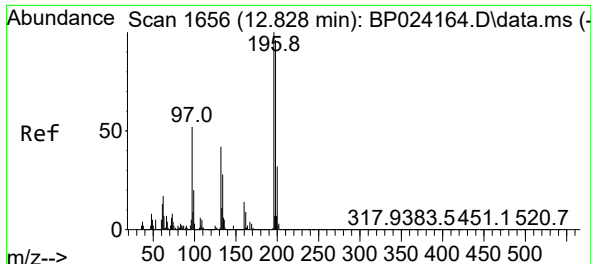
Tgt Ion:237 Resp: 1255898
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 98.735 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:330 Resp: 855408
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 31.6 25.0 37.6

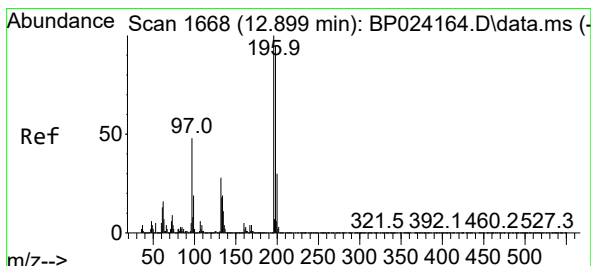
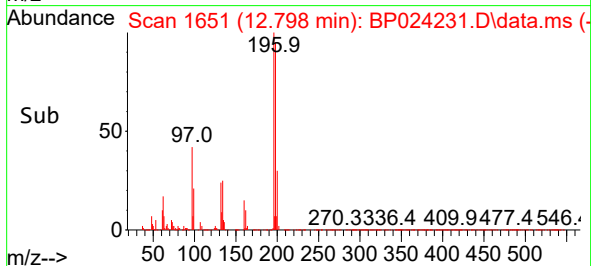
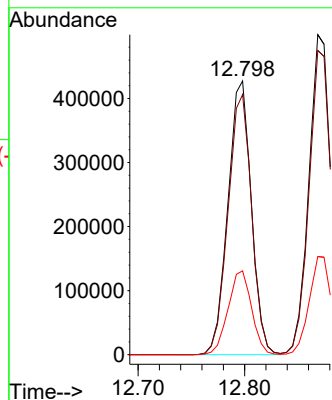
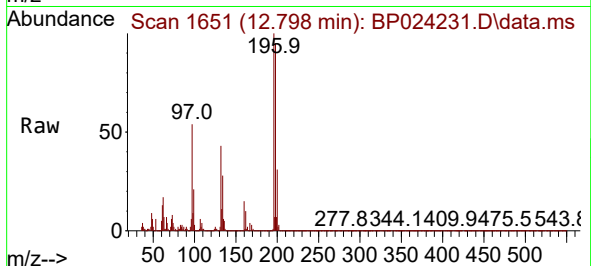




#43
2,4,6-Trichlorophenol
Concen: 51.757 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

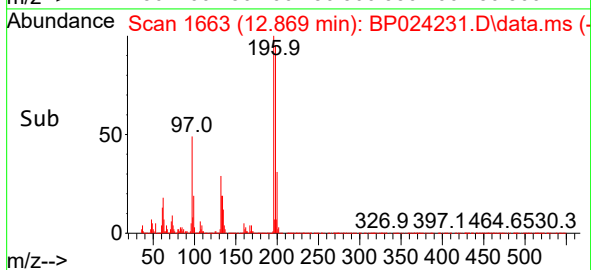
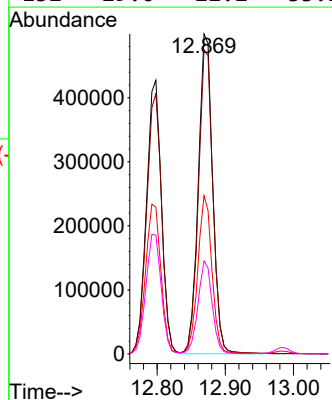
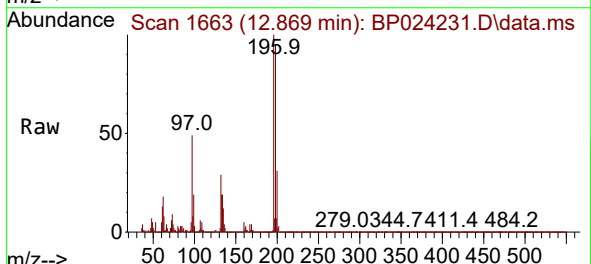
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

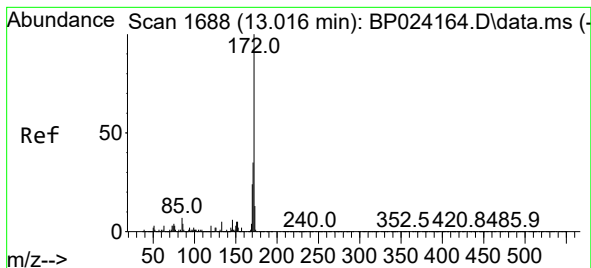
Tgt Ion:196 Resp: 653973
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
200 30.6 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 52.830 ng
RT: 12.869 min Scan# 1663
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:196 Resp: 732067
Ion Ratio Lower Upper
196 100
198 95.1 76.5 114.7
97 49.5 38.7 58.1
132 29.0 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 70.324 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.030 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

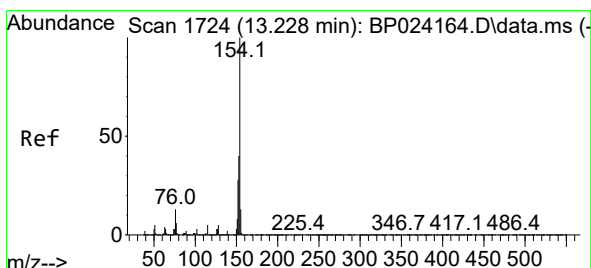
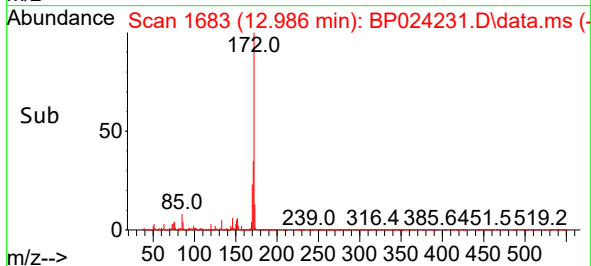
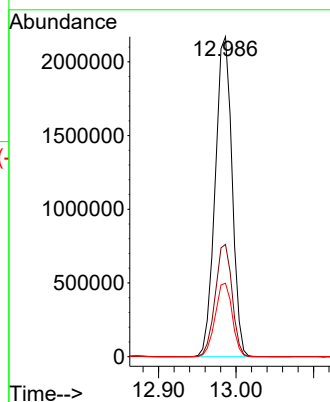
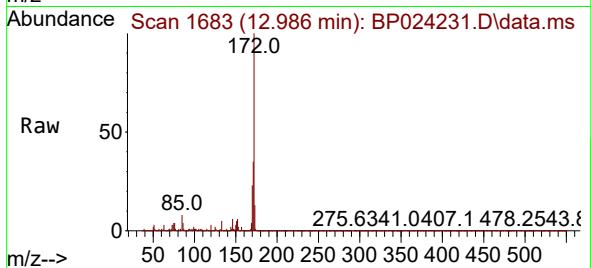
Tgt Ion:172 Resp: 3280261

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.421 ng

RT: 13.198 min Scan# 1719

Delta R.T. -0.030 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

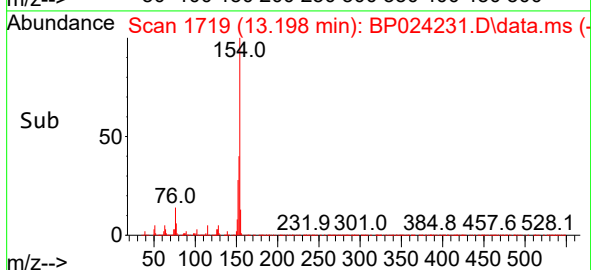
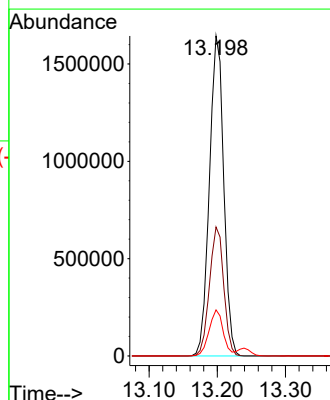
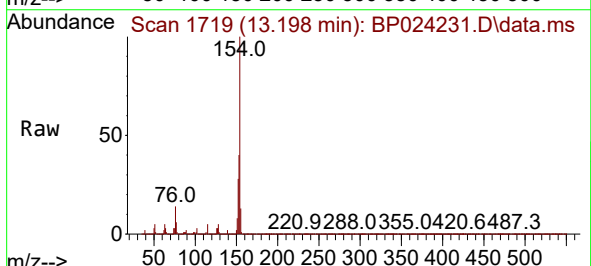
Tgt Ion:154 Resp: 2399237

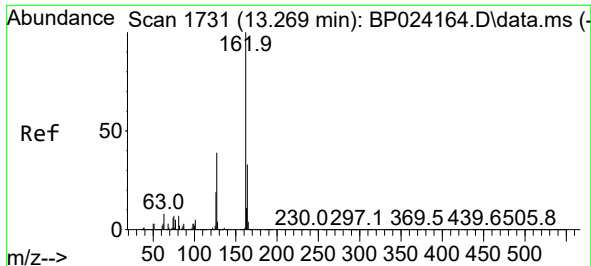
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 14.4 0.0 32.9

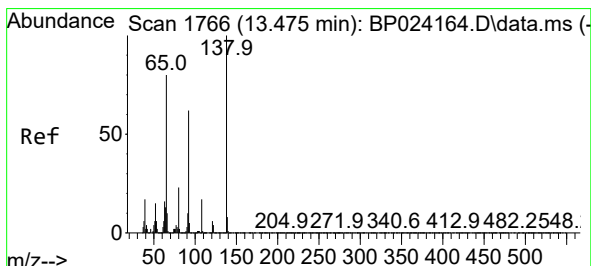
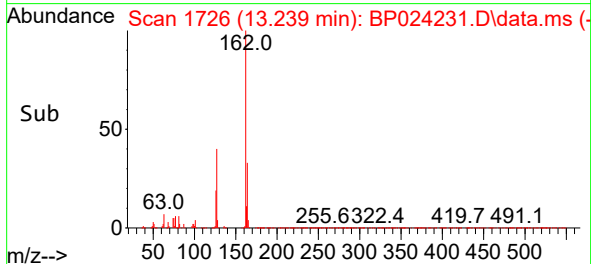
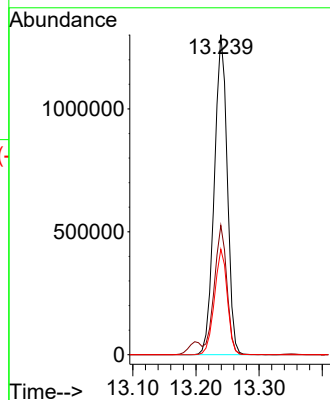
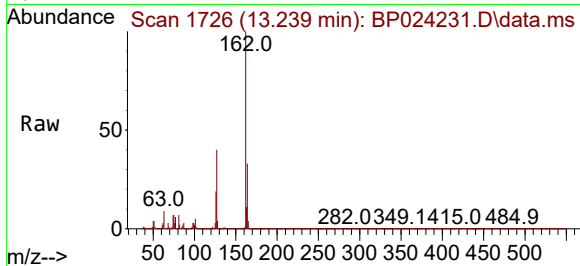




#47
2-Chloronaphthalene
Concen: 47.529 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

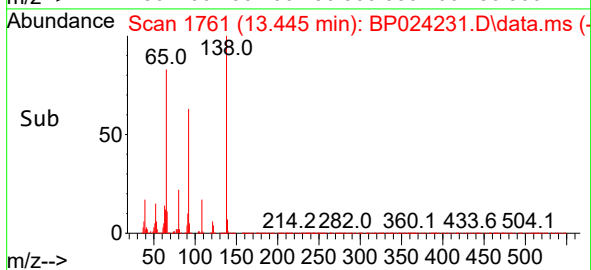
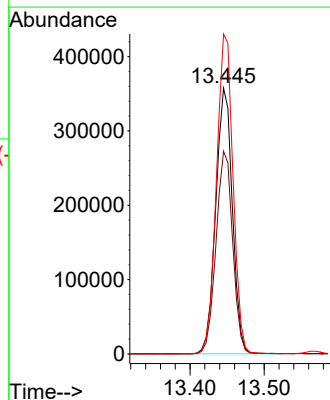
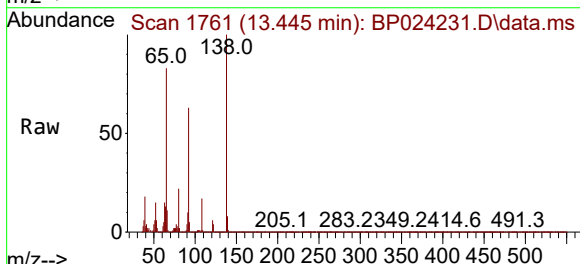
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

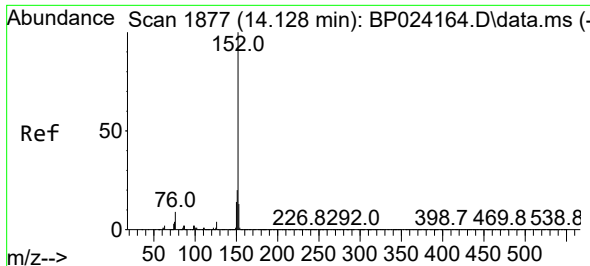
Tgt Ion:162 Resp: 1847743
Ion Ratio Lower Upper
162 100
127 40.4 31.5 47.3
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 56.017 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 65 Resp: 556993
Ion Ratio Lower Upper
65 100
92 76.3 62.1 93.1
138 120.4 99.5 149.3

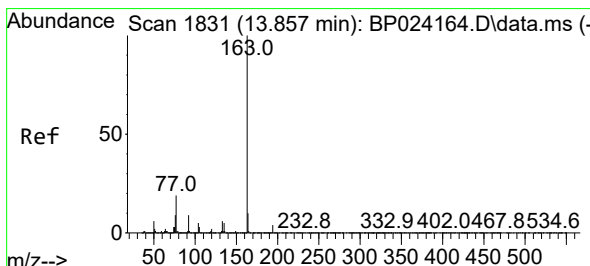
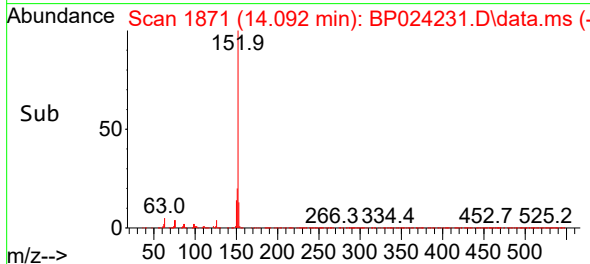
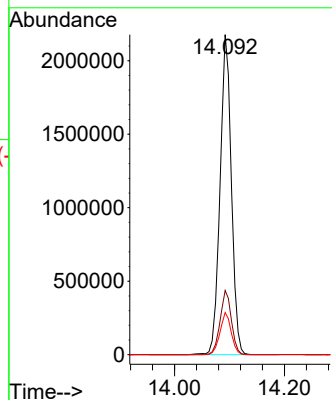
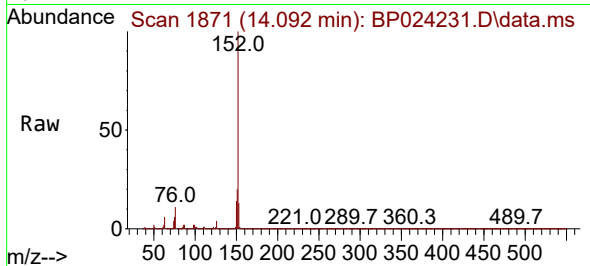




#49
Acenaphthylene
Concen: 52.765 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

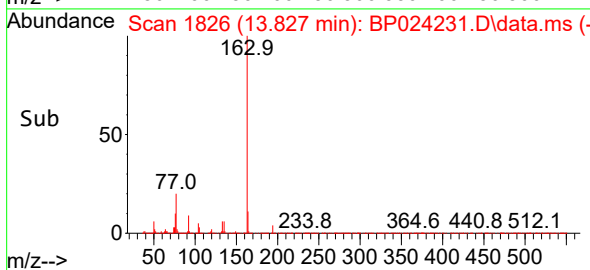
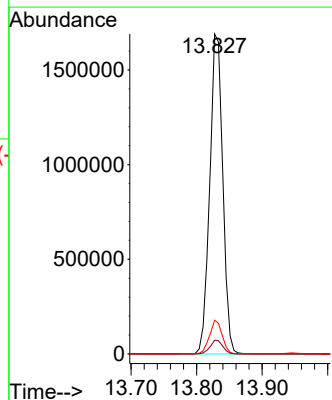
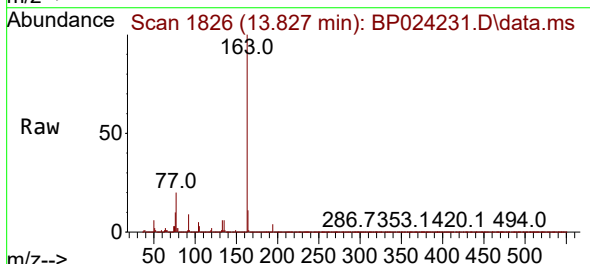
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

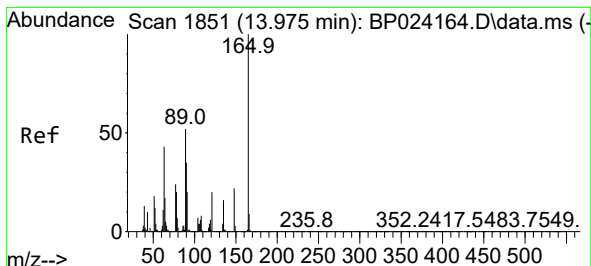
Tgt Ion:152 Resp: 3103808
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 48.599 ng
RT: 13.827 min Scan# 1826
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:163 Resp: 2338909
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.6 8.2 12.4

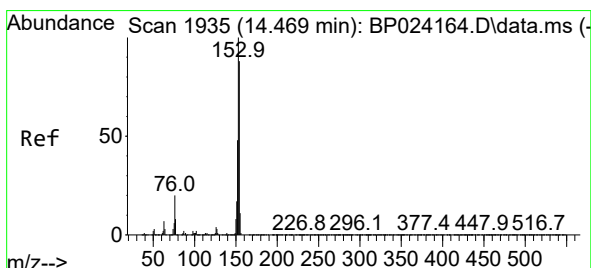
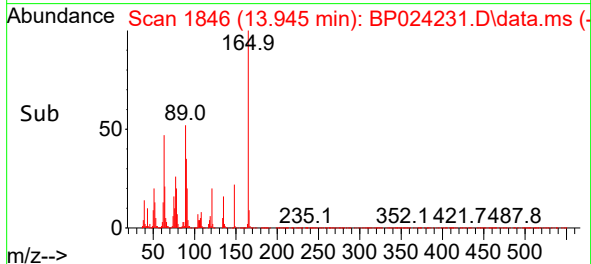
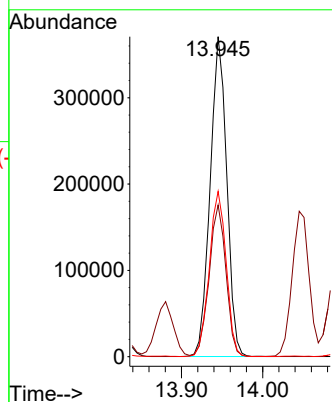
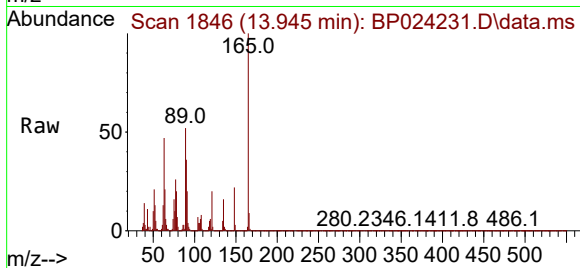




#51
2,6-Dinitrotoluene
Concen: 51.864 ng
RT: 13.945 min Scan# 1846
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

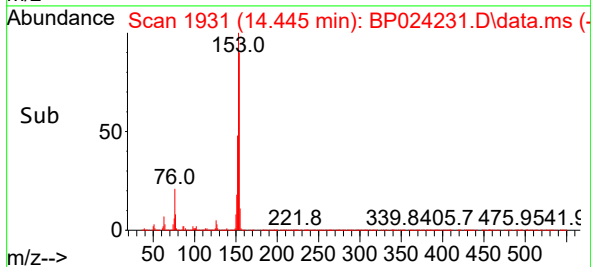
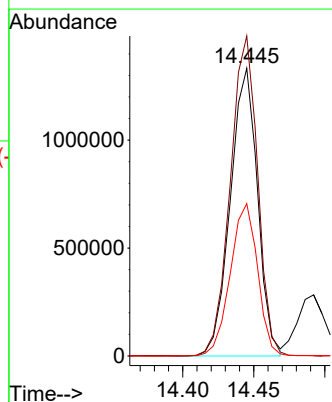
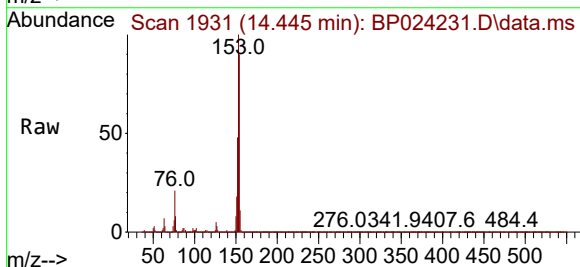
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

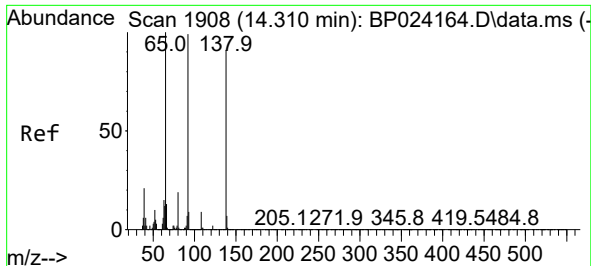
Tgt Ion:165 Resp: 525176
Ion Ratio Lower Upper
165 100
63 47.4 37.7 56.5
89 51.6 41.9 62.9



#52
Acenaphthene
Concen: 47.265 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:154 Resp: 1776413
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 52.9 43.1 64.7

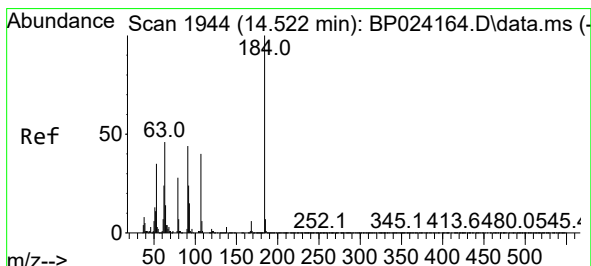
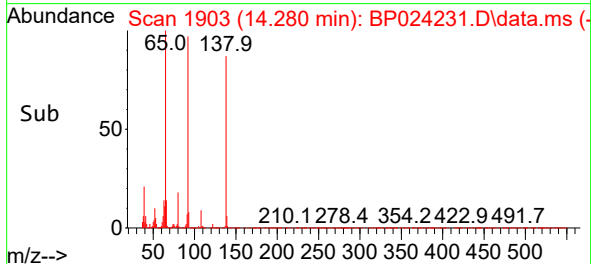
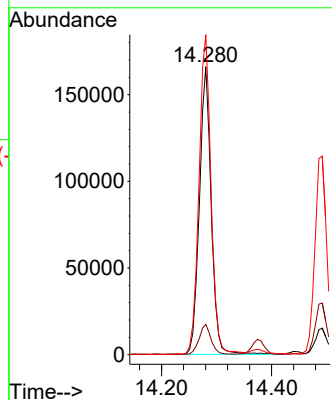
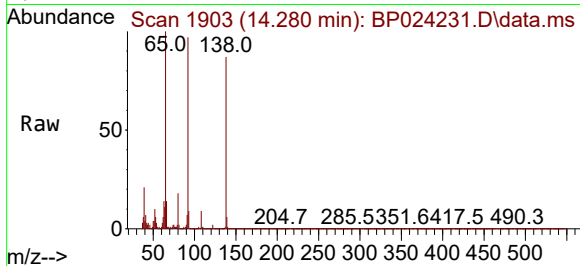




#53
3-Nitroaniline
Concen: 22.670 ng
RT: 14.280 min Scan# 1903
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

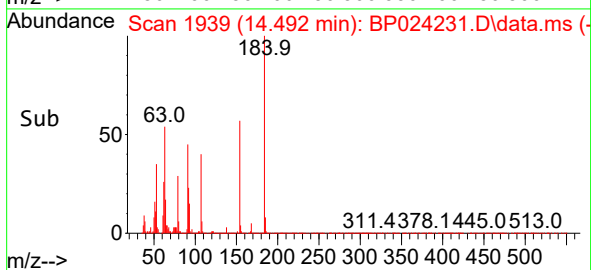
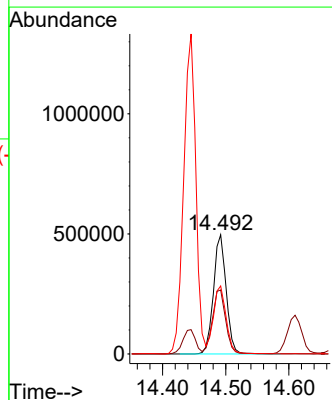
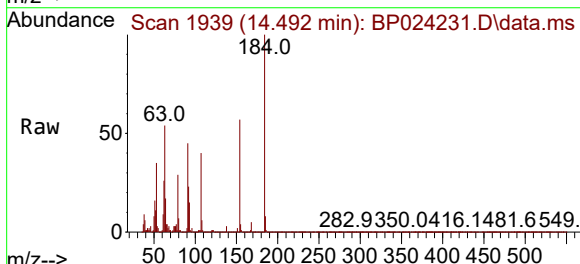
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

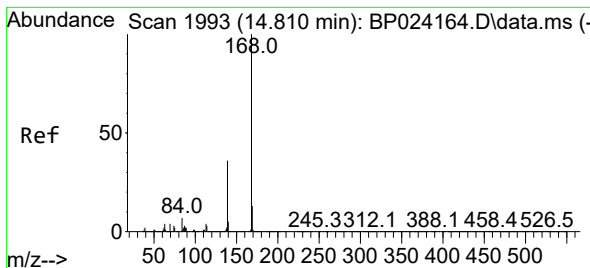
Tgt Ion:138 Resp: 247933
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 111.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 129.477 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:184 Resp: 693735
Ion Ratio Lower Upper
184 100
63 53.7 42.1 63.1
154 57.0 44.6 67.0





#55

Dibenzenofuran

Concen: 45.685 ng

RT: 14.780 min Scan# 1993

Delta R.T. -0.030 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

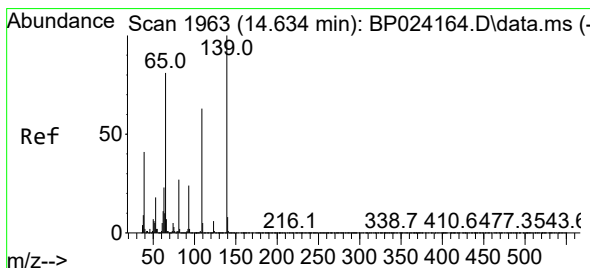
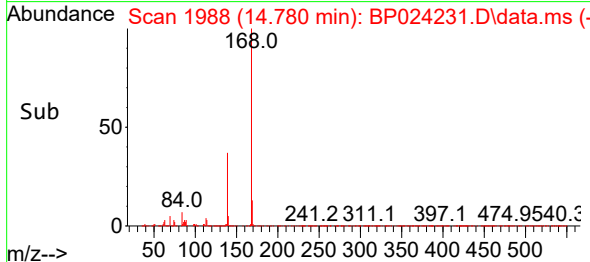
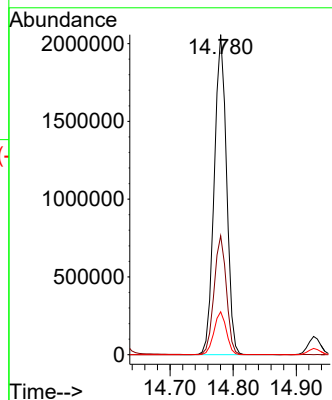
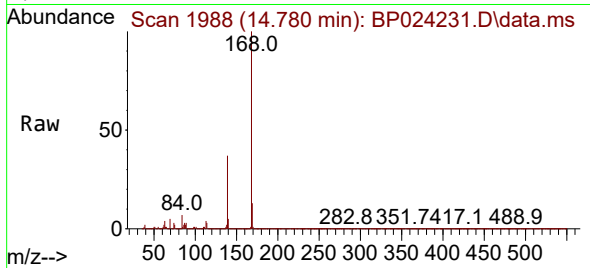
Tgt Ion:168 Resp: 2781282

Ion Ratio Lower Upper

168 100

139 37.1 29.1 43.7

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 118.918 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.024 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

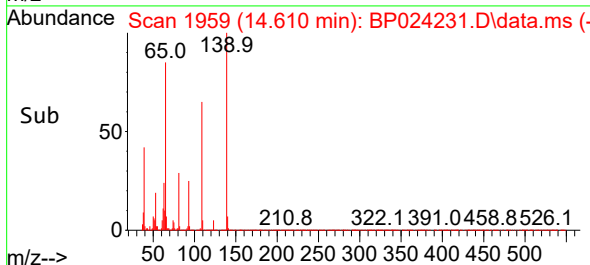
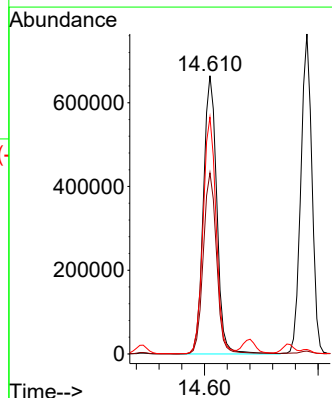
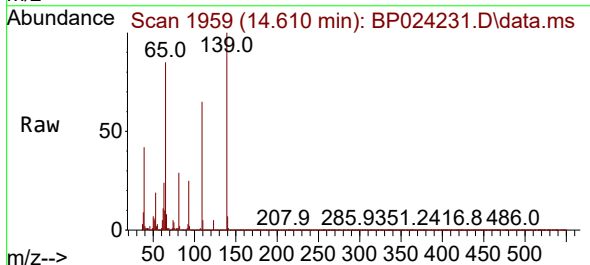
Tgt Ion:139 Resp: 1086728

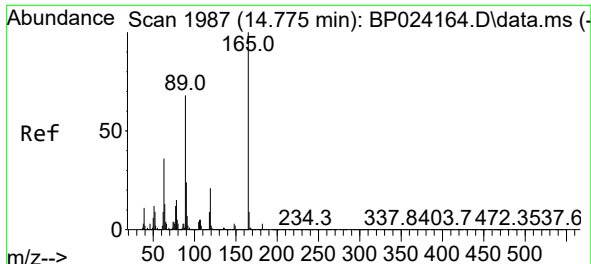
Ion Ratio Lower Upper

139 100

109 65.1 43.3 83.3

65 85.1 61.2 101.2

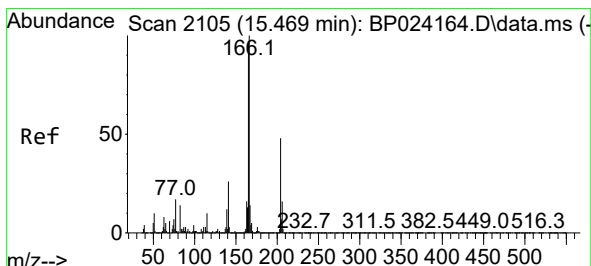
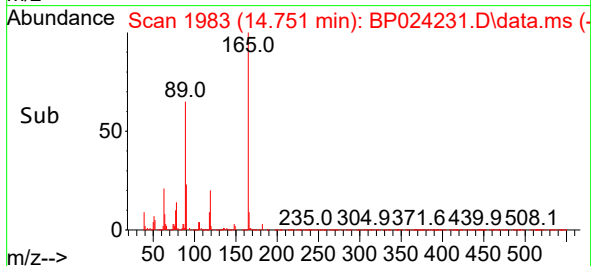
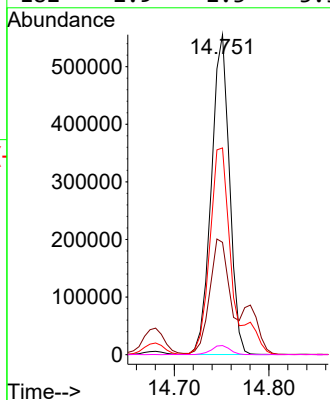
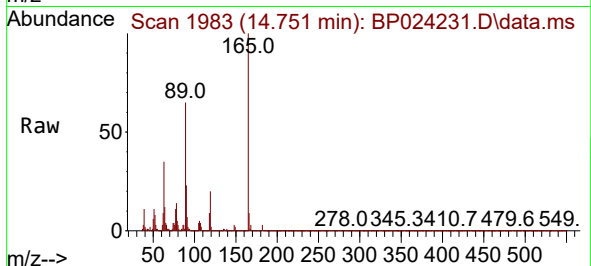




#57
2,4-Dinitrotoluene
Concen: 55.063 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

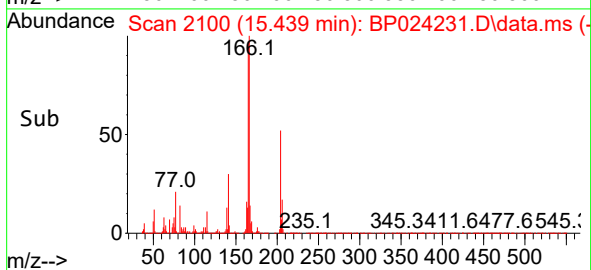
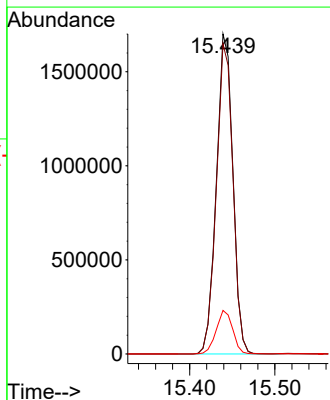
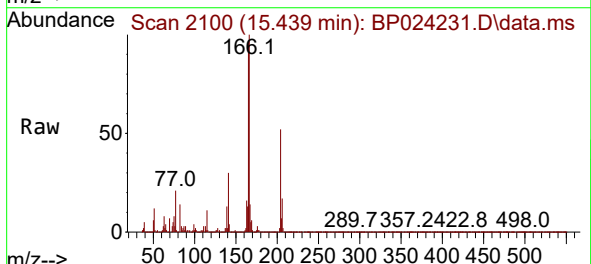
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

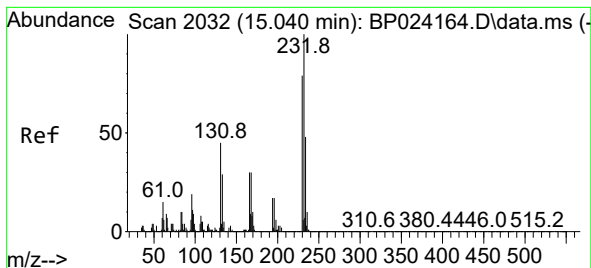
Tgt Ion:165 Resp: 736493
Ion Ratio Lower Upper
165 100
63 35.1 29.0 43.6
89 64.6 54.2 81.4
182 2.9 2.3 3.5



#58
Fluorene
Concen: 48.218 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:166 Resp: 2287142
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.6 10.8 16.2

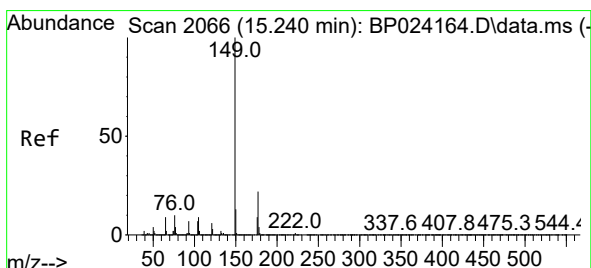
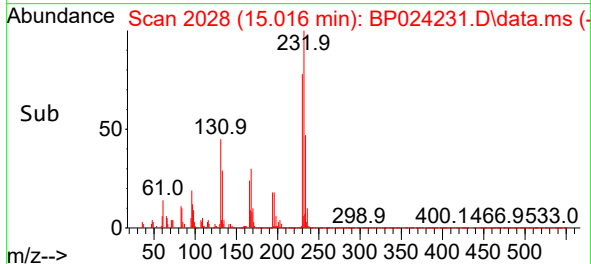
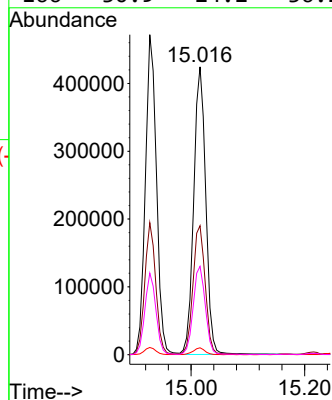
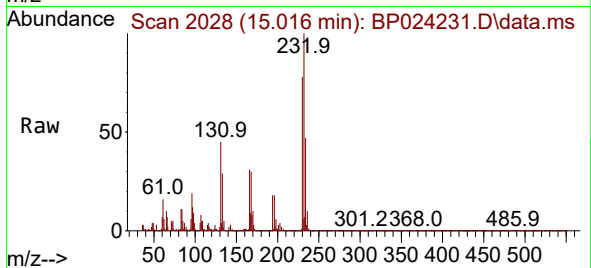




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.218 ng
RT: 15.016 min Scan# 2032
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

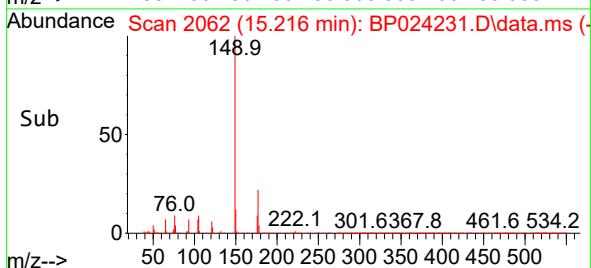
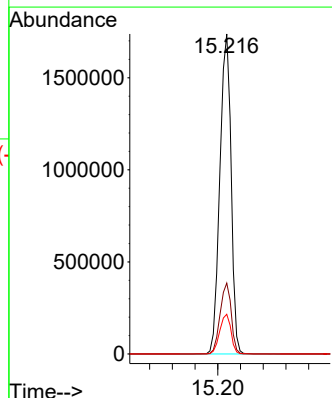
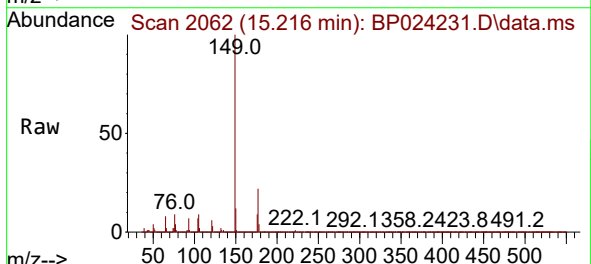
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

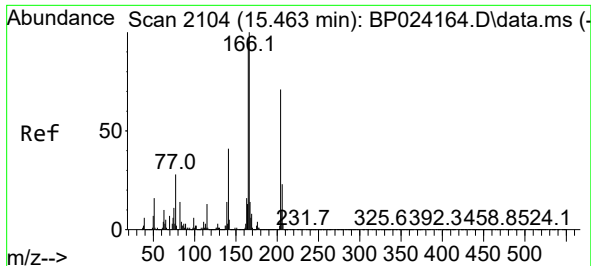
Tgt Ion:232	Resp: 627051
Ion Ratio	Lower Upper
232 100	
131 45.2	35.9 53.9
130 2.4	1.8 2.6
166 30.9	24.2 36.2



#60
Diethylphthalate
Concen: 49.558 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:149	Resp: 2375103
Ion Ratio	Lower Upper
149 100	
177 22.2	17.7 26.5
150 12.4	10.2 15.4

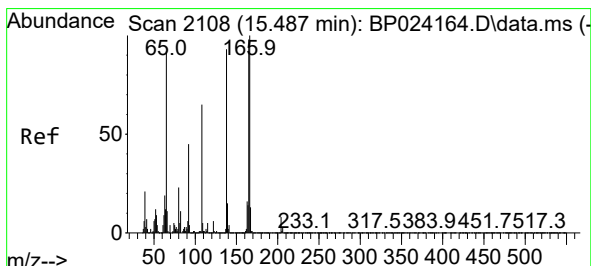
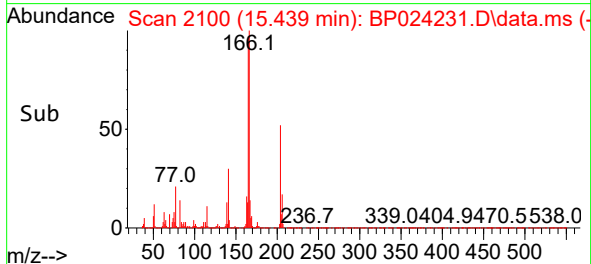
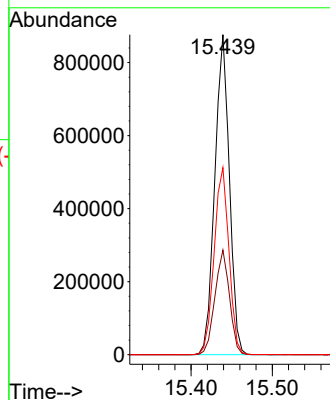
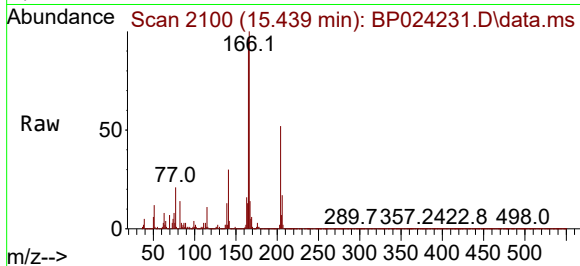




#61
4-Chlorophenyl-phenylether
Concen: 46.911 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

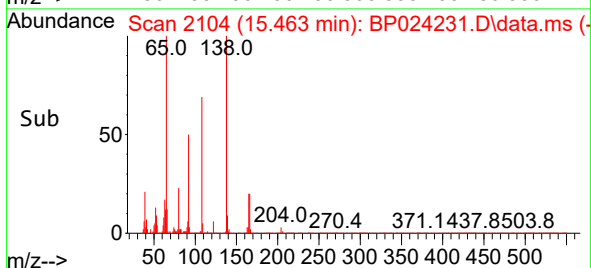
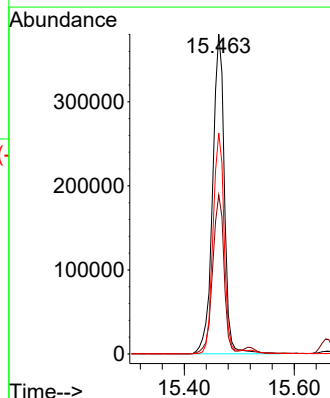
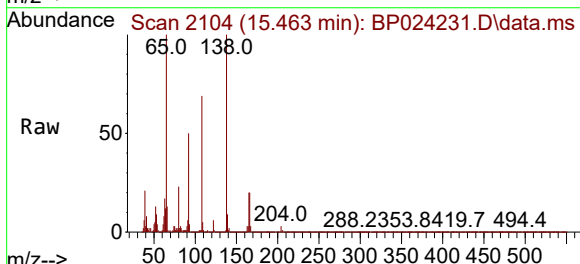
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

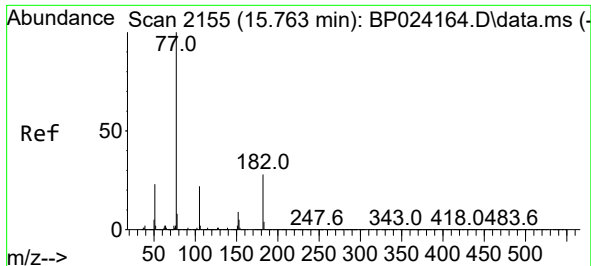
Tgt Ion:204 Resp: 1091368
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.4 45.8 68.8



#62
4-Nitroaniline
Concen: 49.359 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:138 Resp: 566183
Ion Ratio Lower Upper
138 100
92 49.7 28.7 68.7
108 69.0 49.5 89.5

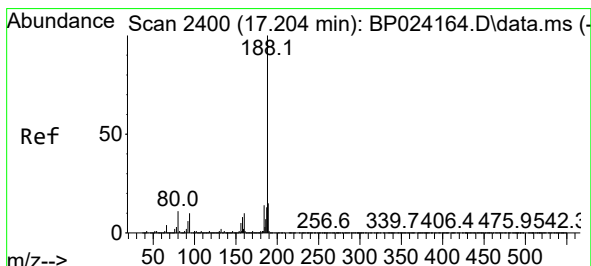
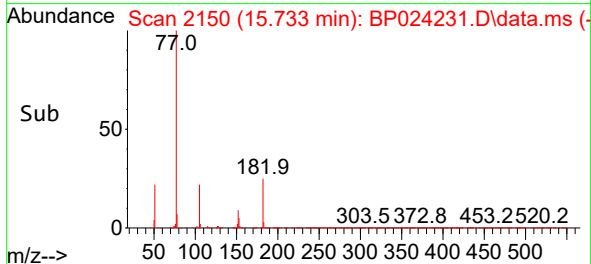
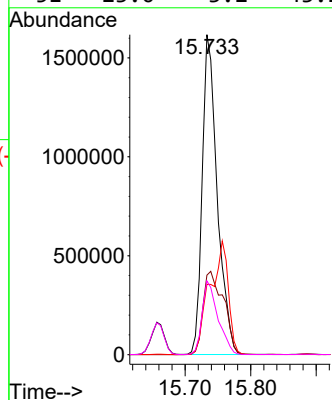
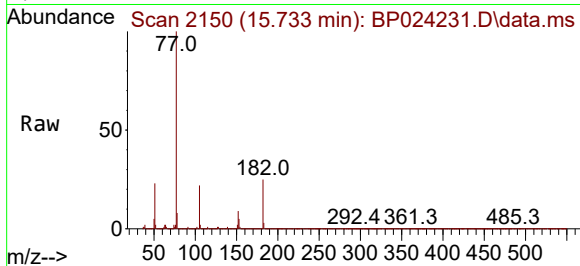




#63
Azobenzene
Concen: 57.354 ng
RT: 15.733 min Scan# 2155
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

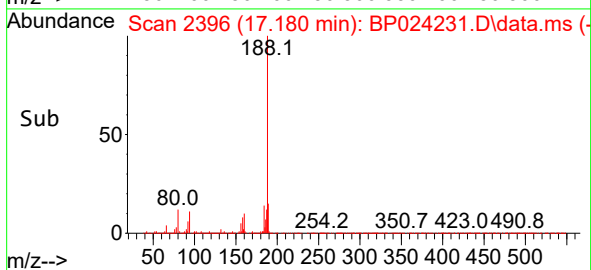
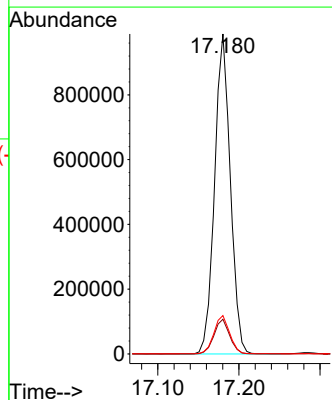
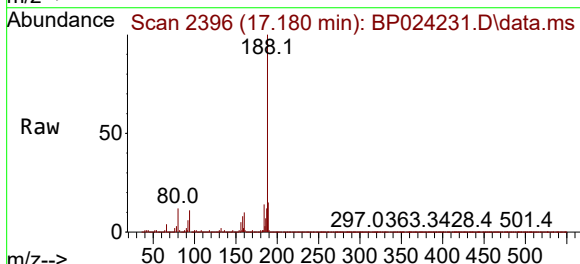
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

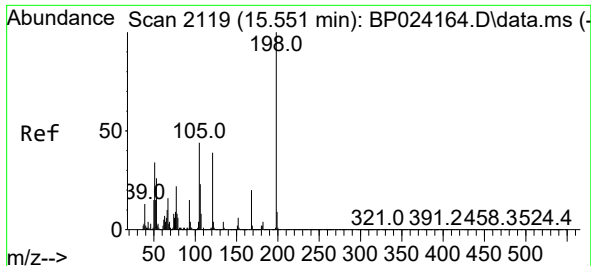
Tgt Ion: 77 Resp: 2590747
Ion Ratio Lower Upper
77 100
182 24.9 7.7 47.7
105 22.0 2.3 42.3
51 23.0 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:188 Resp: 1328842
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.0 8.9 13.3

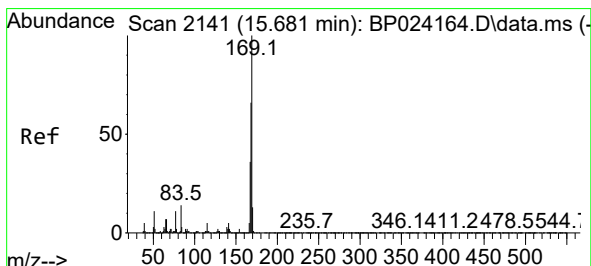
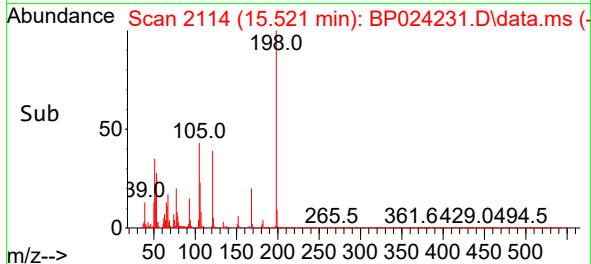
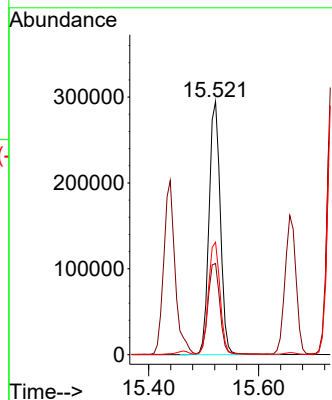
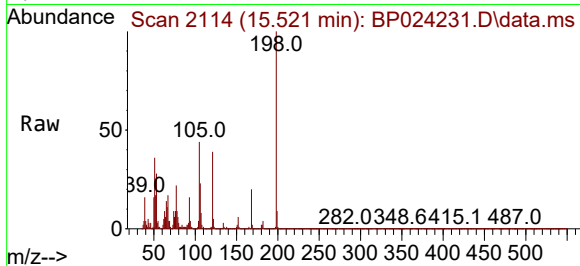




#65
4,6-Dinitro-2-methylphenol
Concen: 53.333 ng
RT: 15.521 min Scan# 2119
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

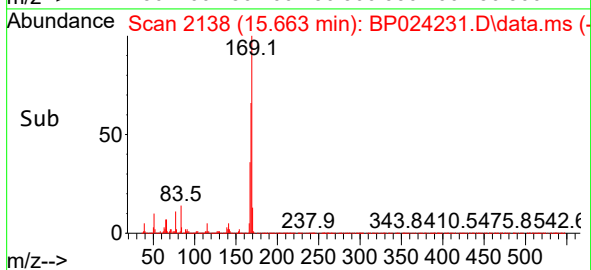
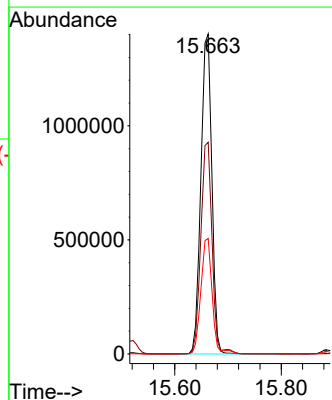
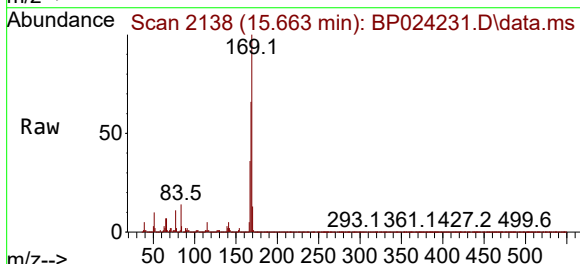
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

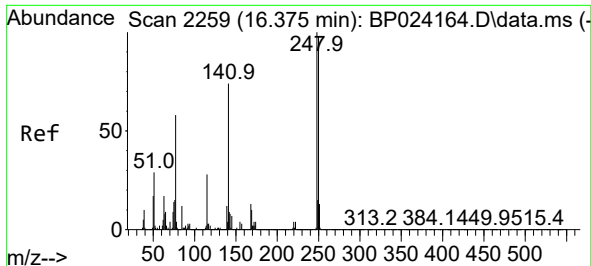
Tgt Ion:198 Resp: 420734
Ion Ratio Lower Upper
198 100
51 36.0 14.7 54.7
105 44.4 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 49.438 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:169 Resp: 1994927
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.1 28.8 43.2

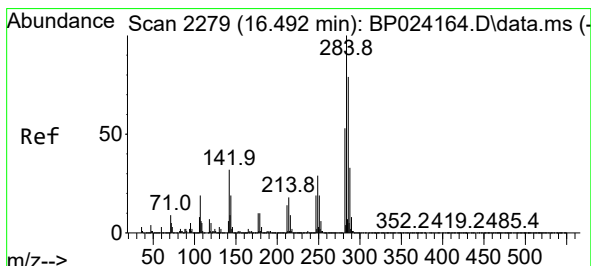
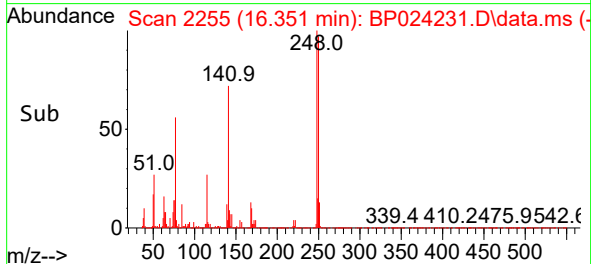
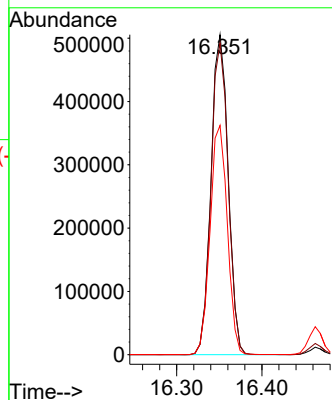
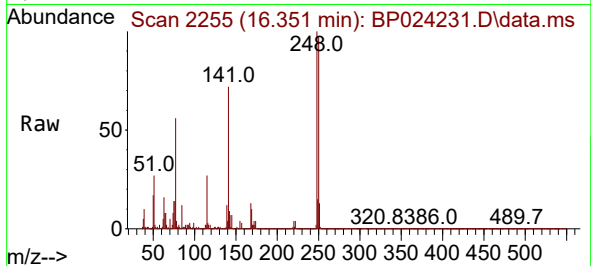




#67
4-Bromophenyl-phenylether
Concen: 48.702 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

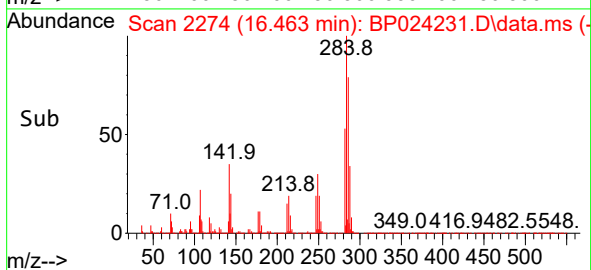
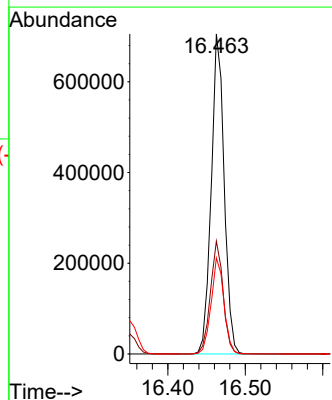
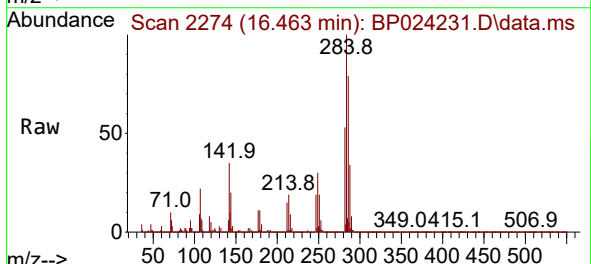
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

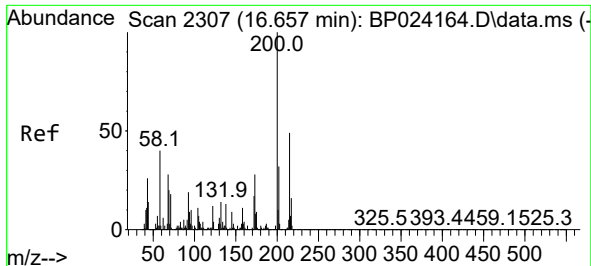
Tgt Ion:248 Resp: 710539
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 71.6 59.4 89.0



#68
Hexachlorobenzene
Concen: 47.309 ng
RT: 16.463 min Scan# 2274
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:284 Resp: 816929
Ion Ratio Lower Upper
284 100
142 35.3 25.4 38.2
249 30.0 23.5 35.3

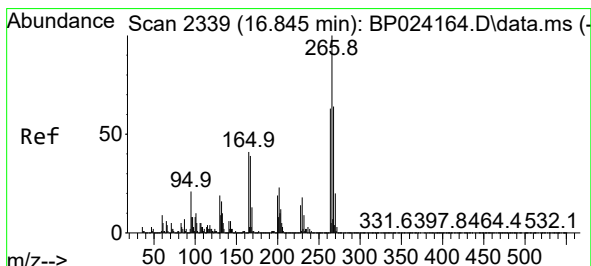
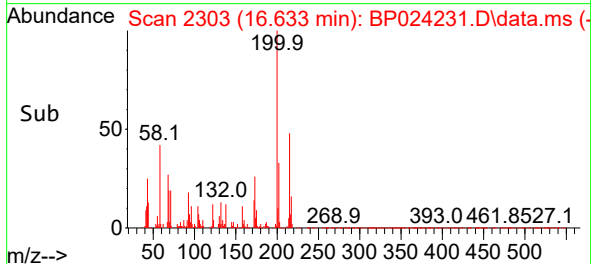
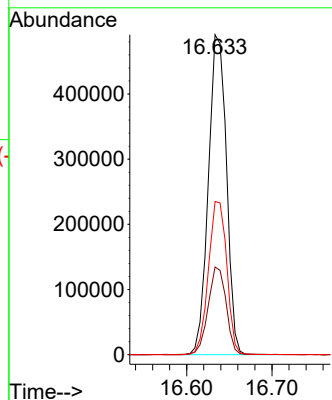
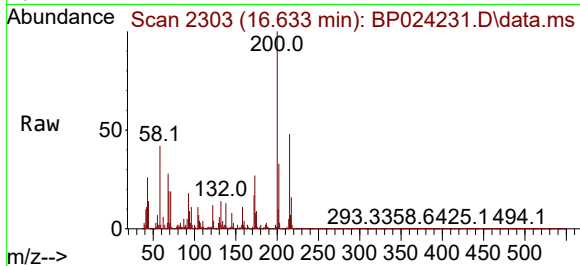




#69
 Atrazine
 Concen: 74.247 ng
 RT: 16.633 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024231.D
 Acq: 09 Apr 2025 12:15

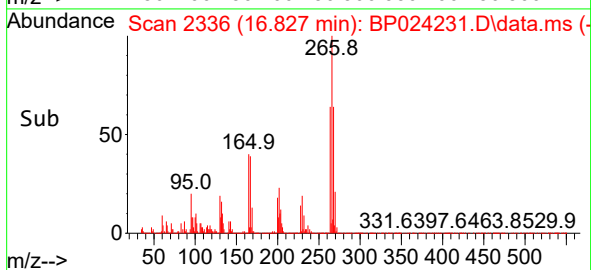
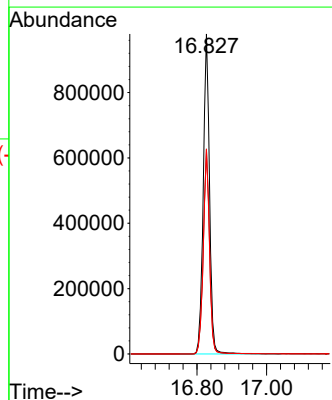
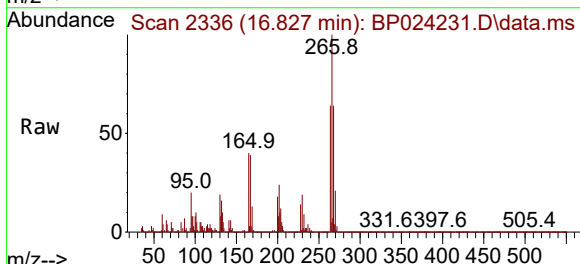
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MS

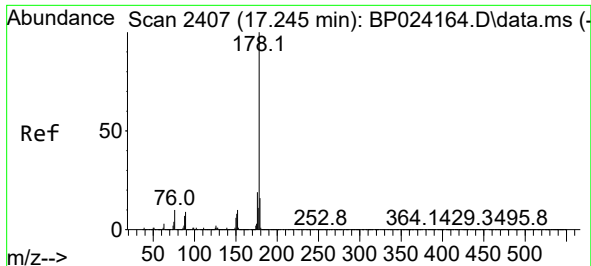
Tgt Ion:200 Resp: 723151
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.6 47.6
 215 47.9 29.0 69.0



#70
 Pentachlorophenol
 Concen: 110.257 ng
 RT: 16.827 min Scan# 2336
 Delta R.T. -0.018 min
 Lab File: BP024231.D
 Acq: 09 Apr 2025 12:15

Tgt Ion:266 Resp: 1231248
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.3 76.9
 264 63.9 50.6 76.0

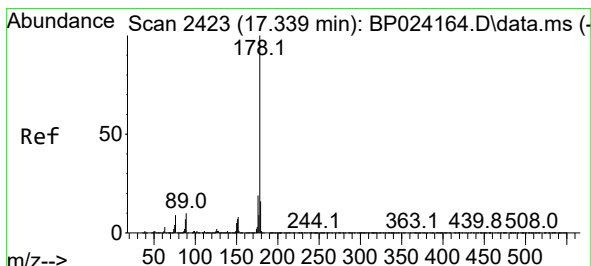
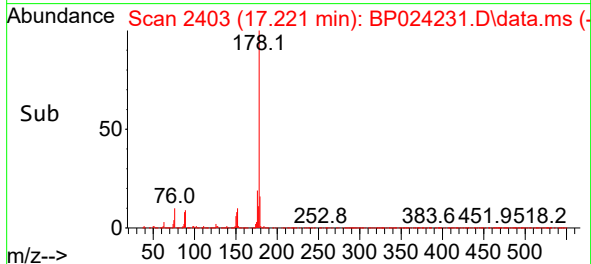
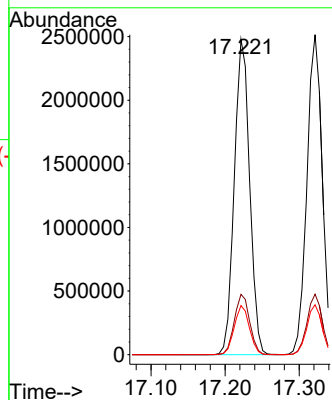
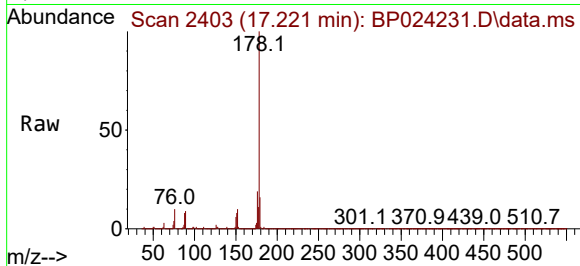




#71
Phenanthrene
Concen: 48.996 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

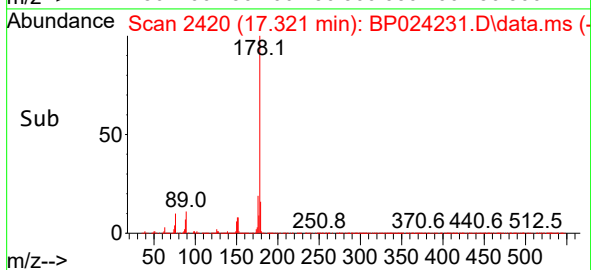
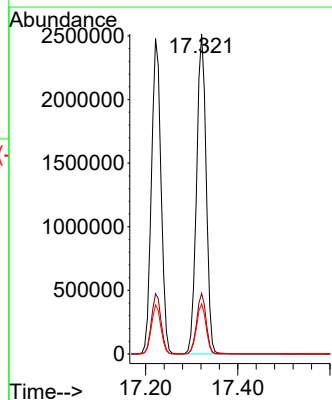
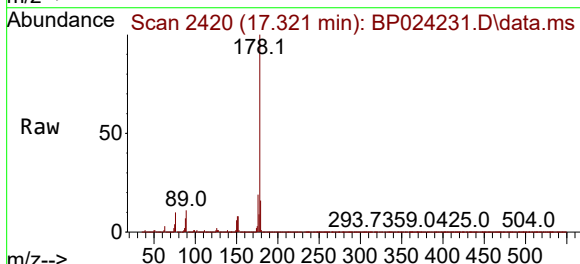
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

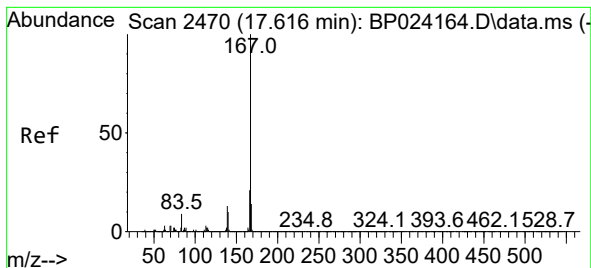
Tgt Ion:178 Resp: 3556819
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 51.168 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:178 Resp: 3617810
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.6 18.8





#73

Carbazole

Concen: 51.267 ng

RT: 17.598 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

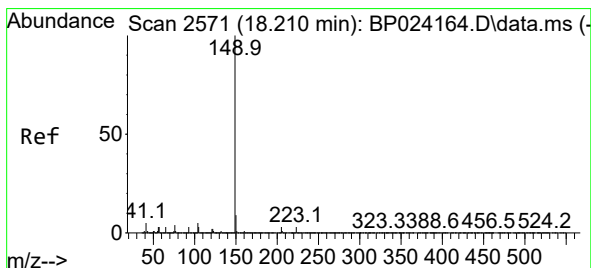
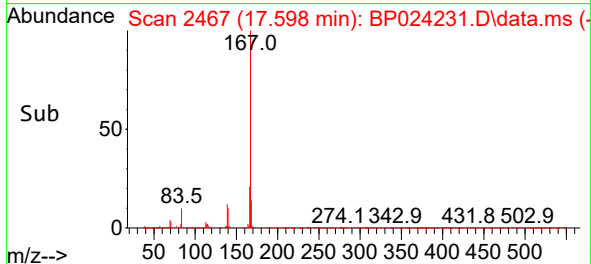
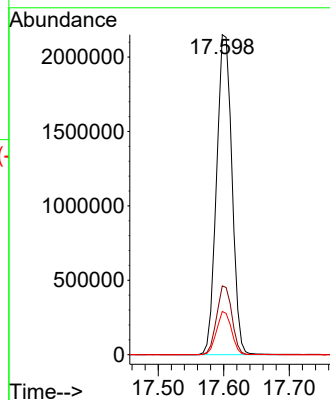
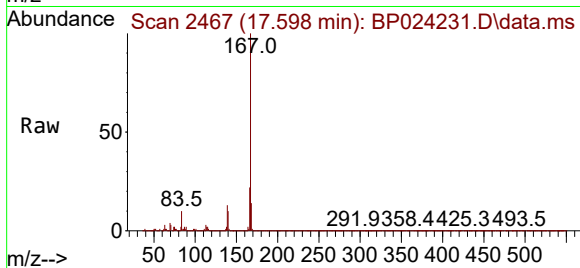
Tgt Ion:167 Resp: 3495657

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 52.702 ng

RT: 18.192 min Scan# 2568

Delta R.T. -0.018 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

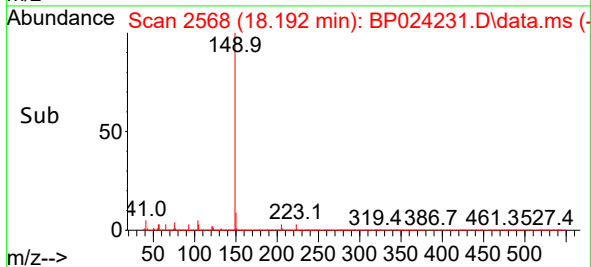
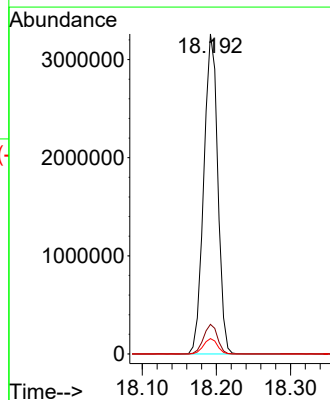
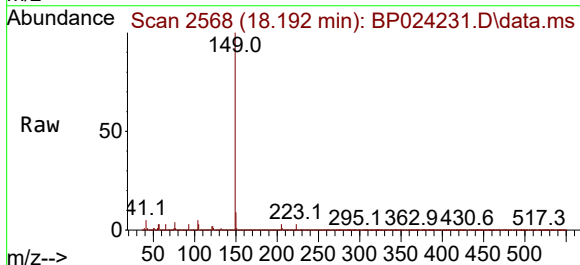
Tgt Ion:149 Resp: 4265840

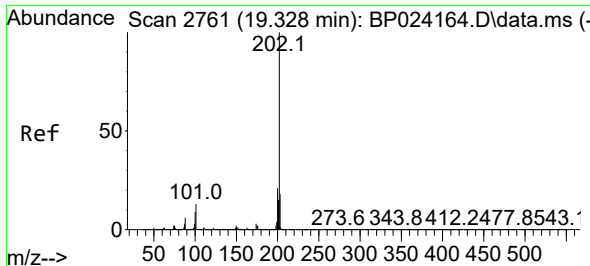
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.8 3.9 5.9

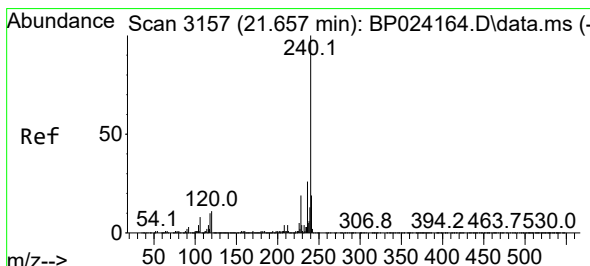
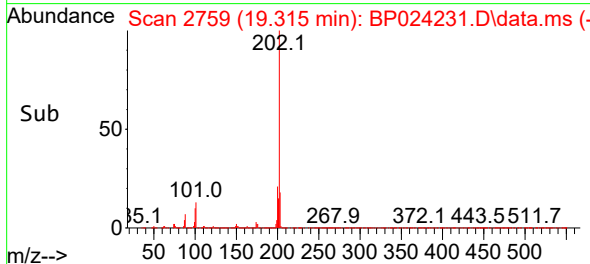
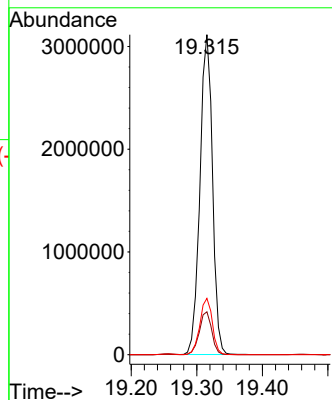
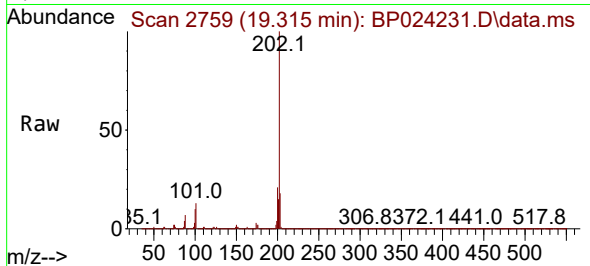




#75
Fluoranthene
Concen: 49.309 ng
RT: 19.315 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

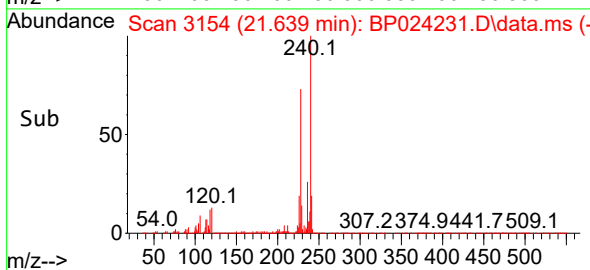
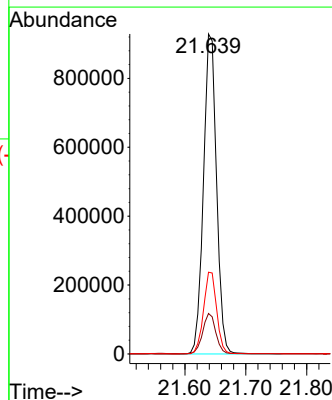
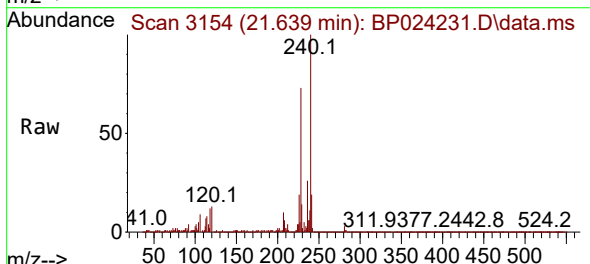
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

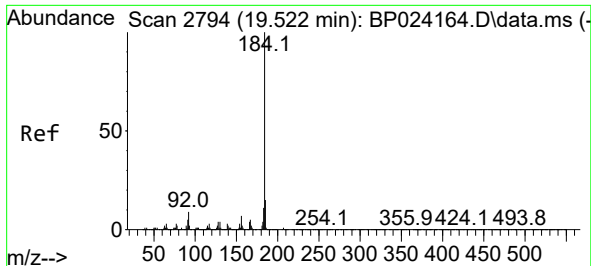
Tgt Ion:202 Resp: 4145716
Ion Ratio Lower Upper
202 100
101 13.4 0.0 32.5
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:240 Resp: 1384500
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.6 20.4 30.6

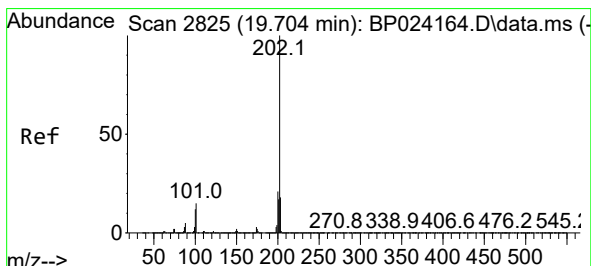
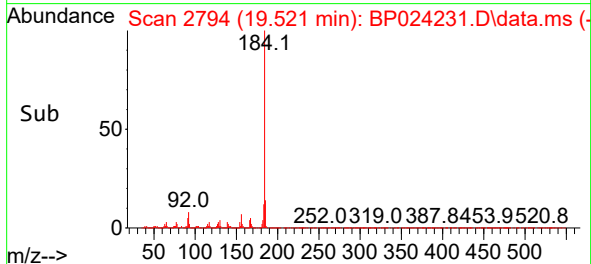
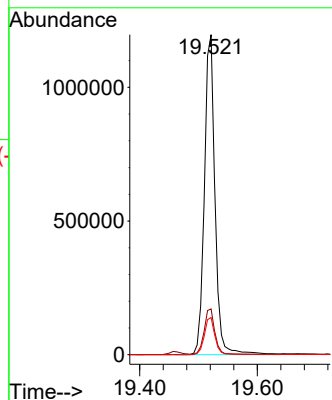
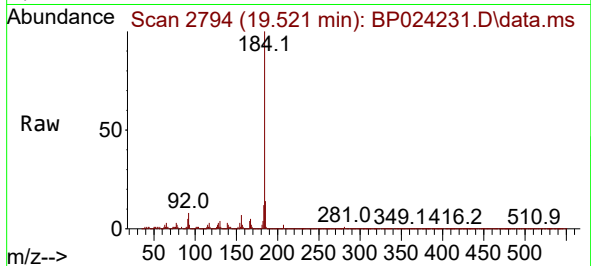




#77
Benzidine
Concen: 98.674 ng
RT: 19.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

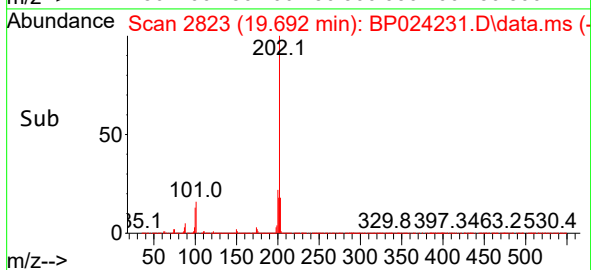
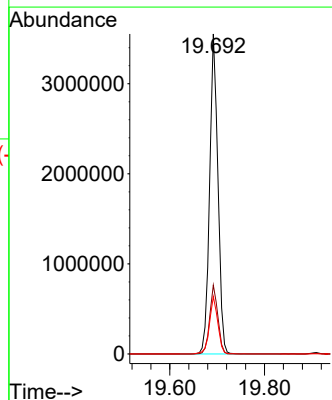
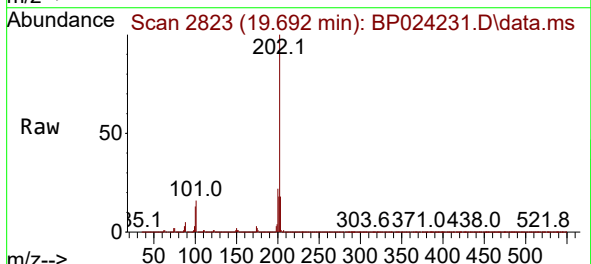
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

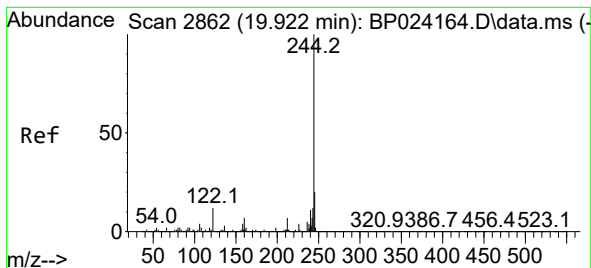
Tgt Ion:184 Resp: 1493656
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.6 9.1 13.7



#78
Pyrene
Concen: 50.053 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:202 Resp: 4308248
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 77.337 ng

RT: 19.909 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

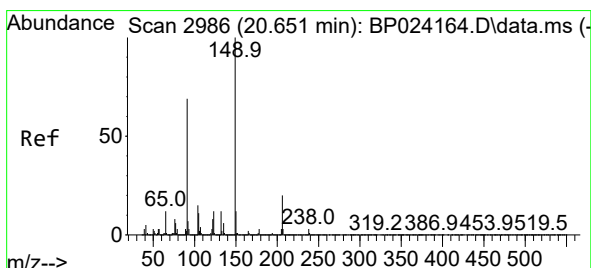
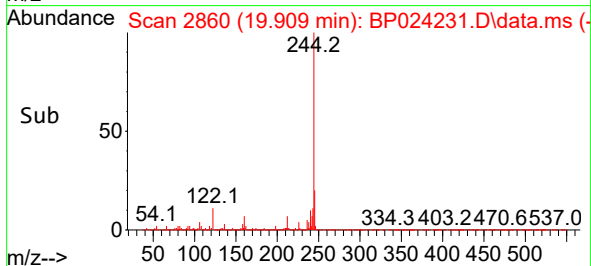
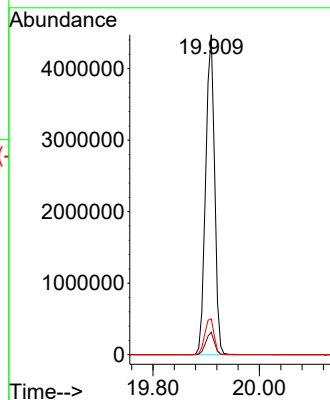
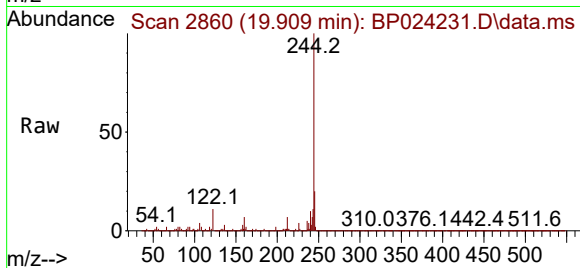
Tgt Ion:244 Resp: 5187087

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 56.426 ng

RT: 20.639 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

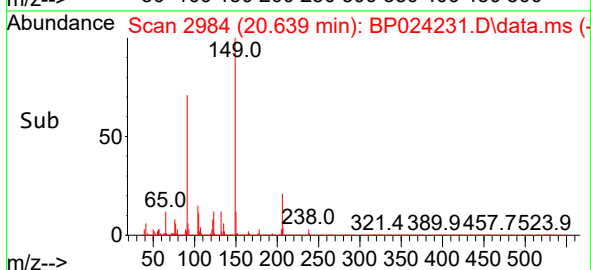
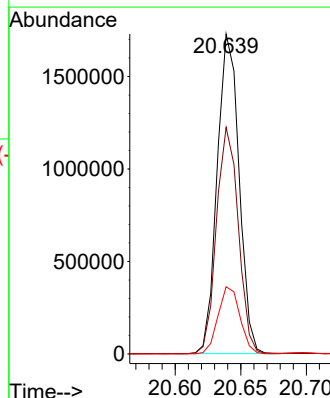
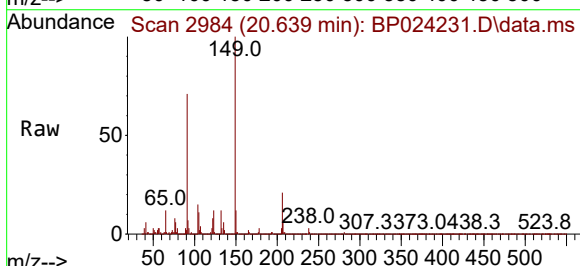
Tgt Ion:149 Resp: 2002861

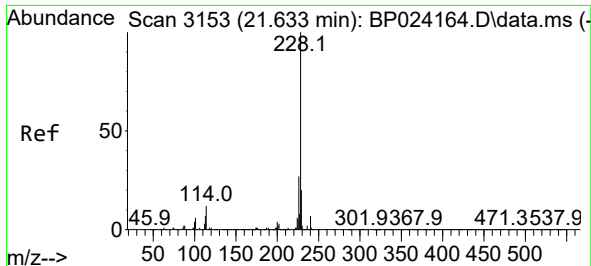
Ion Ratio Lower Upper

149 100

91 70.8 55.3 82.9

206 21.0 16.1 24.1

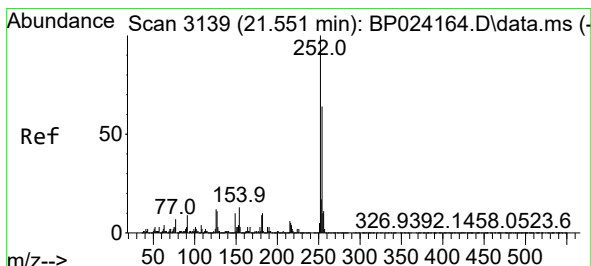
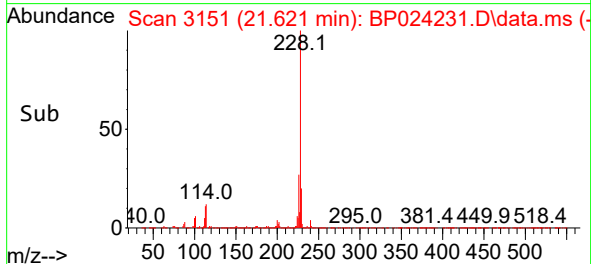
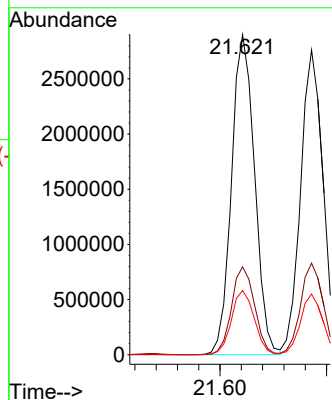
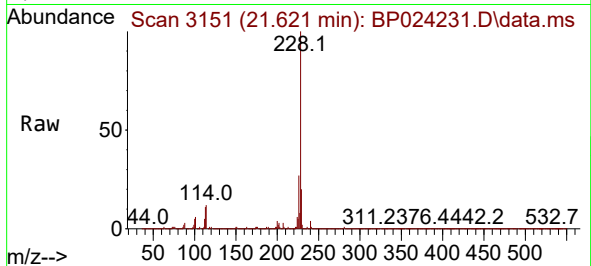




#81
Benzo(a)anthracene
Concen: 50.773 ng
RT: 21.621 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

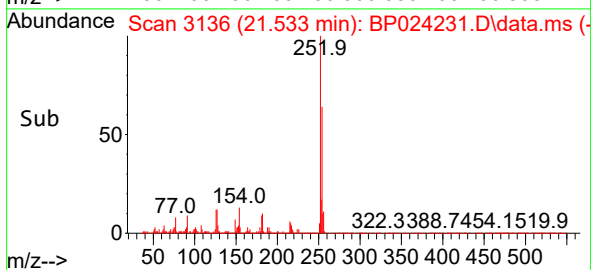
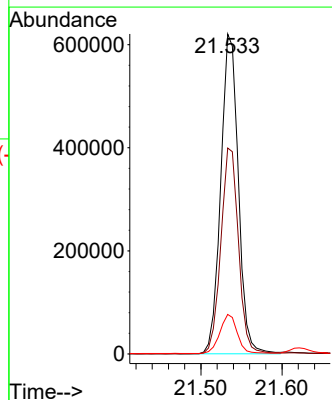
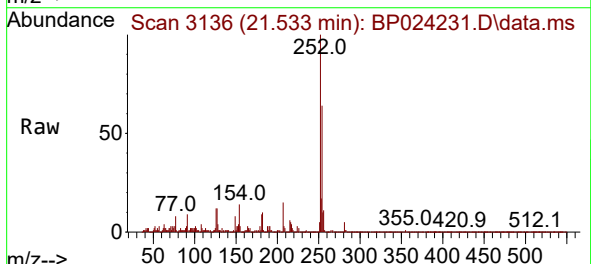
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

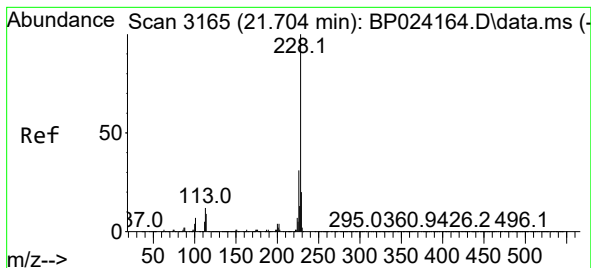
Tgt Ion:228 Resp: 4370438
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.354 ng
RT: 21.533 min Scan# 3136
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:252 Resp: 933391
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 12.3 9.3 13.9





#83

Chrysene

Concen: 48.783 ng

RT: 21.686 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

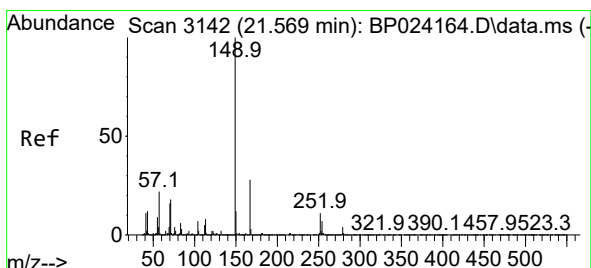
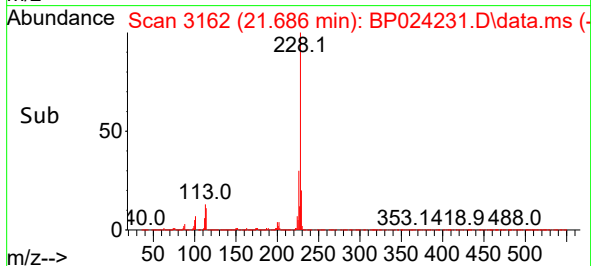
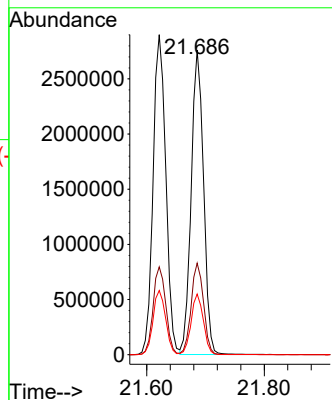
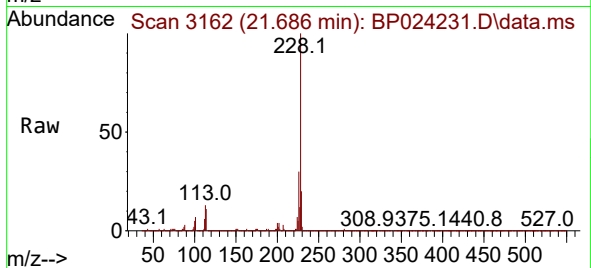
Tgt Ion:228 Resp: 4036729

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.971 ng

RT: 21.556 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

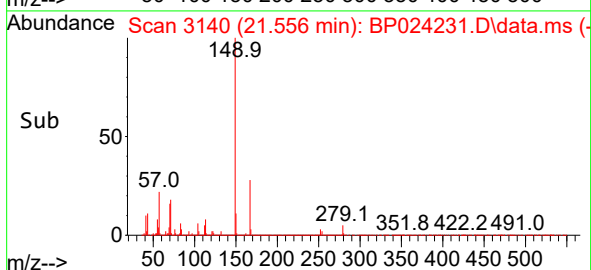
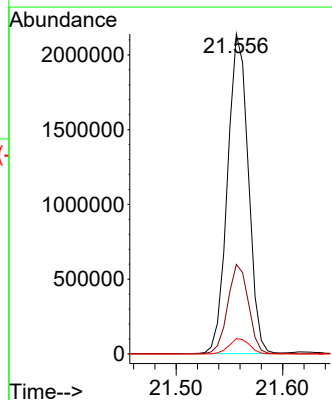
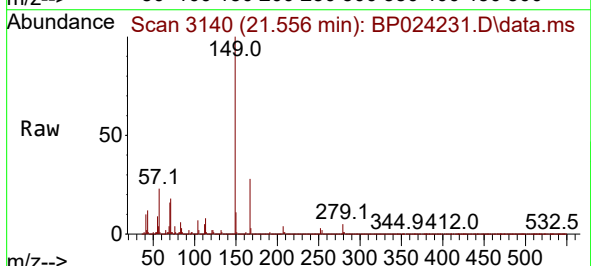
Tgt Ion:149 Resp: 2890618

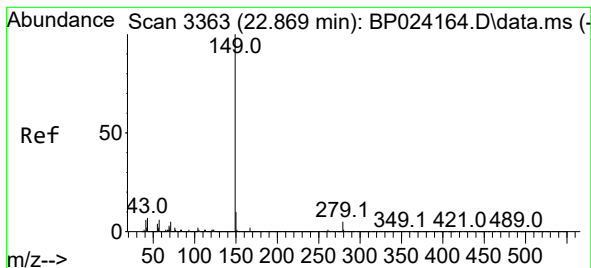
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 57.344 ng

RT: 22.845 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

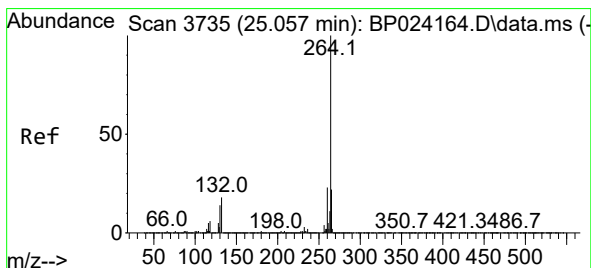
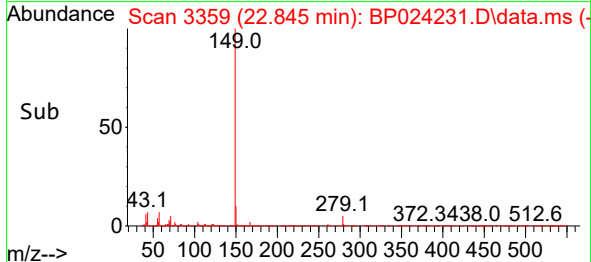
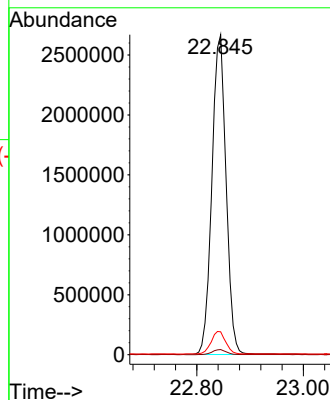
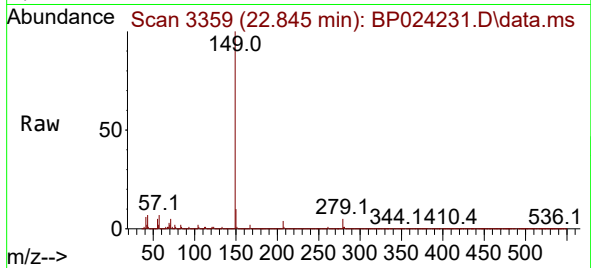
Tgt Ion:149 Resp: 4920837

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: 25.003 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

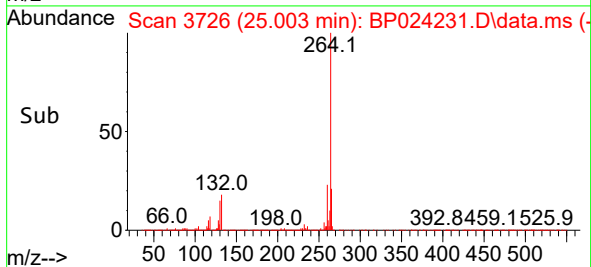
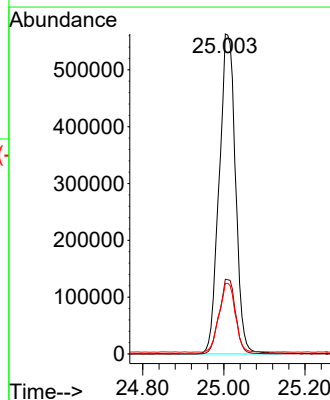
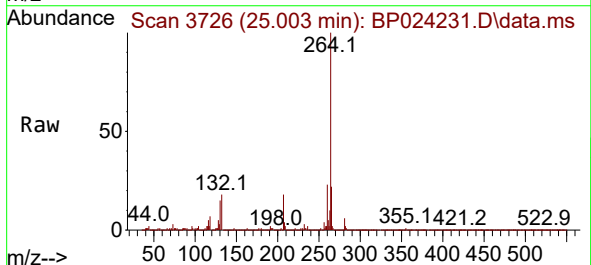
Tgt Ion:264 Resp: 1577239

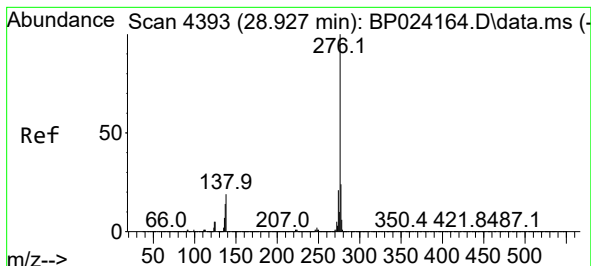
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.655 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.100 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

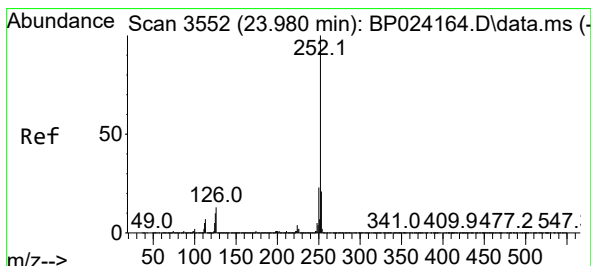
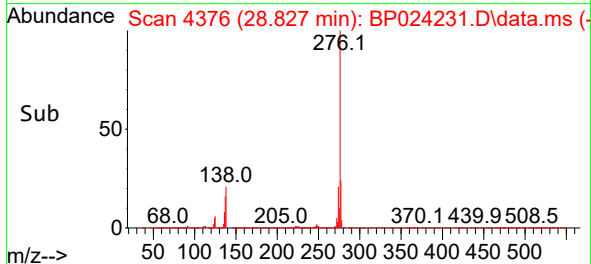
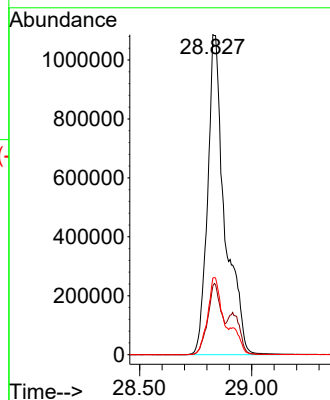
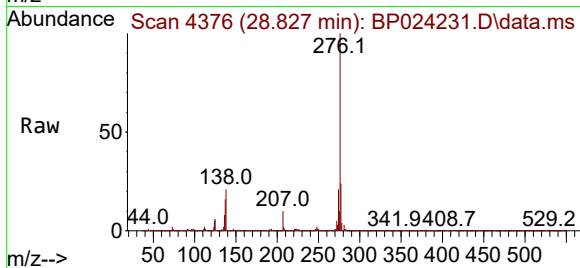
Tgt Ion:276 Resp: 5796219

Ion Ratio Lower Upper

276 100

138 17.2 13.7 20.5

277 20.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.307 ng

RT: 23.939 min Scan# 3545

Delta R.T. -0.042 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

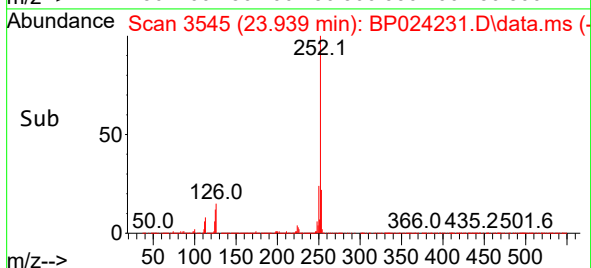
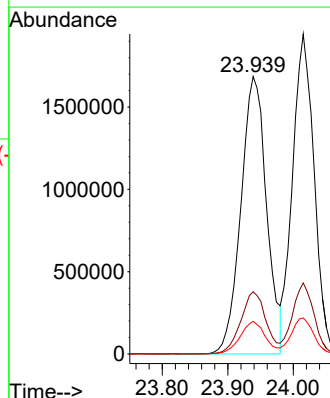
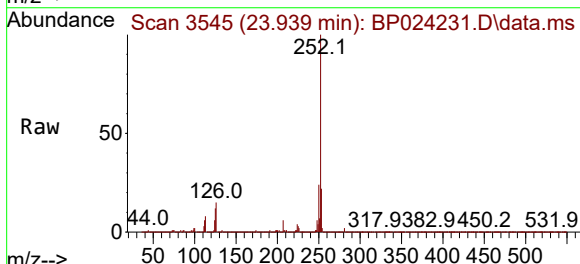
Tgt Ion:252 Resp: 4593867

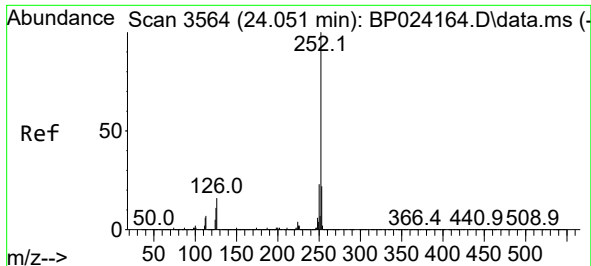
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.7 8.2 12.4

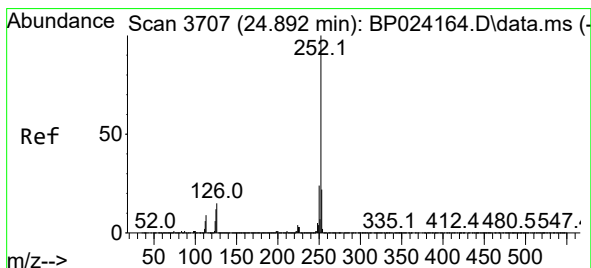
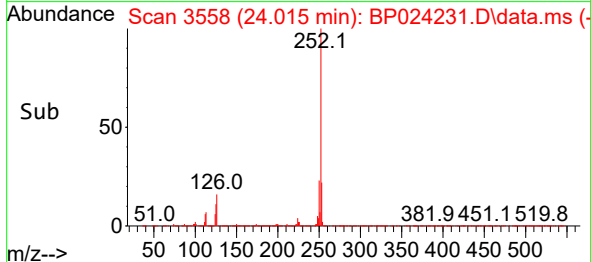
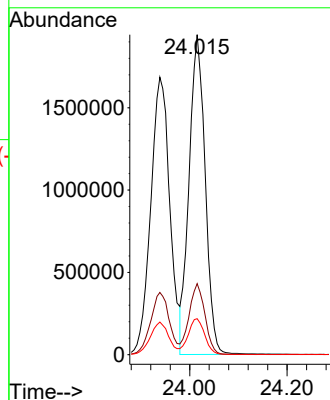
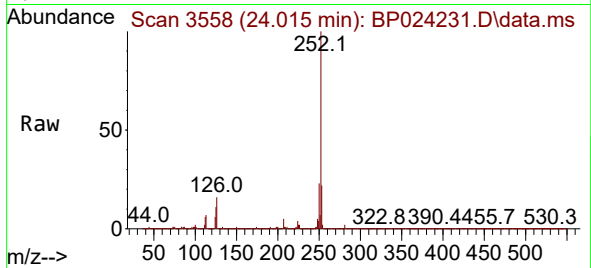




#89
Benzo(k)fluoranthene
Concen: 47.849 ng
RT: 24.015 min Scan# 31
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

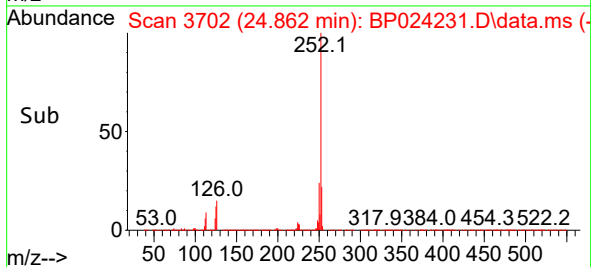
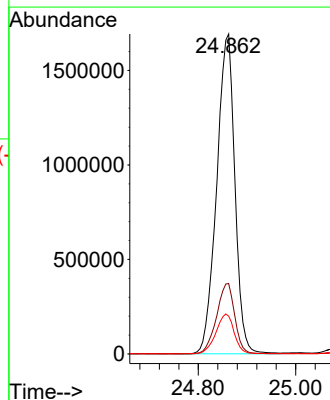
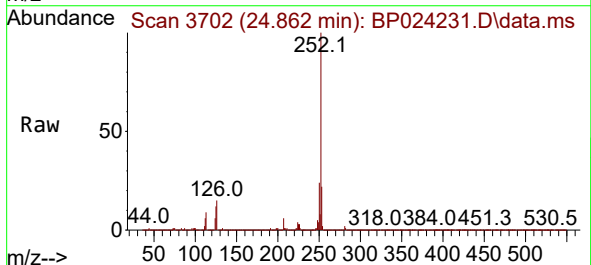
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

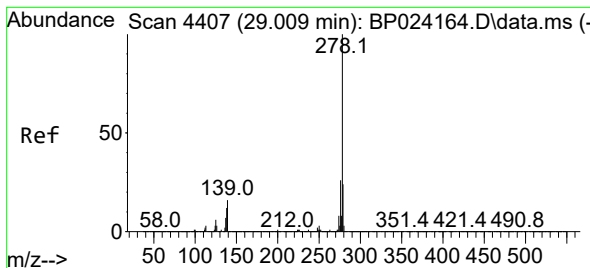
Tgt Ion:252 Resp: 4451059
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 53.241 ng
RT: 24.862 min Scan# 3702
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:252 Resp: 4402724
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.8 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 52.128 ng

RT: 28.921 min Scan# 41

Delta R.T. -0.089 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

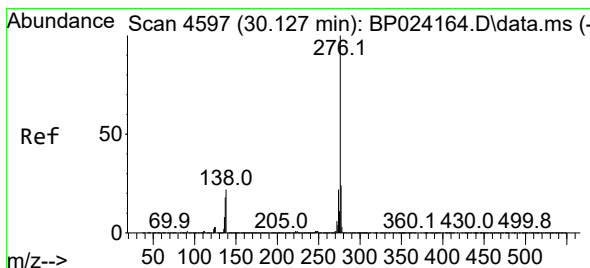
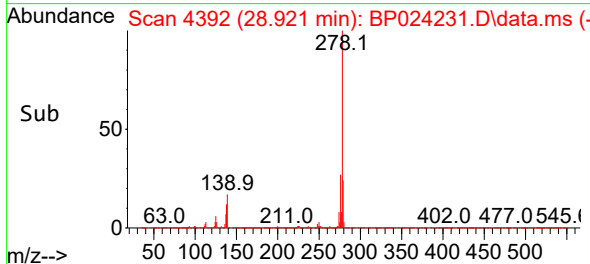
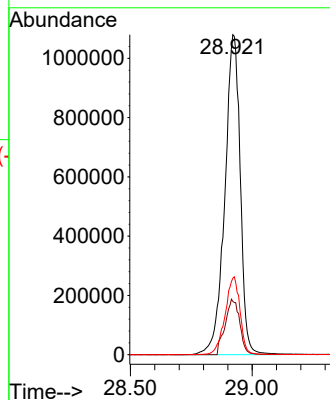
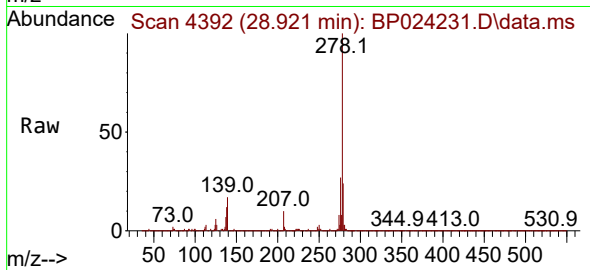
Tgt Ion:278 Resp: 4773931

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 50.504 ng

RT: 30.015 min Scan# 4578

Delta R.T. -0.112 min

Lab File: BP024231.D

Acq: 09 Apr 2025 12:15

Tgt Ion:276 Resp: 4701649

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 23.9 17.4 26.2

