

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024215.D
 Acq On : 08 Apr 2025 16:26
 Operator : RC/JU
 Sample : Q1730-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 09 07:15:42 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	173235	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	928895	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	762844	20.000	ng	-0.02
64) Phenanthrene-d10	17.198	188	1794508	20.000	ng	0.00
76) Chrysene-d12	21.657	240	2261003	20.000	ng	0.00
86) Perylene-d12	25.033	264	2684251	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1291943	119.047	ng	-0.02
7) Phenol-d6	6.922	99	2075816	143.037	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1174343	71.330	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	1119379	116.493	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3355075	64.851	ng	-0.02
79) Terphenyl-d14	19.933	244	7823137	71.423	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	148685	34.564	ng	96
3) Pyridine	3.693	79	461849	39.272	ng	99
4) n-Nitrosodimethylamine	3.599	42	175181	44.594	ng	# 94
6) Aniline	7.075	93	539595	40.810	ng	99
8) 2-Chlorophenol	7.316	128	716985	61.164	ng	99
9) Benzaldehyde	6.893	77	361456	51.611	ng	97
10) Phenol	6.952	94	1038210	70.865	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	617963	53.488	ng	99
12) 1,3-Dichlorobenzene	7.634	146	609162	48.189	ng	100
13) 1,4-Dichlorobenzene	7.775	146	622532	48.233	ng	99
14) 1,2-Dichlorobenzene	8.093	146	624040	50.384	ng	99
15) Benzyl Alcohol	7.981	79	650339	70.783	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	700720	59.426	ng	97
17) 2-Methylphenol	8.187	107	684185	74.474	ng	99
18) Hexachloroethane	8.810	117	216724	47.329	ng	97
19) n-Nitroso-di-n-propyla...	8.540	70	562012	66.753	ng	100
20) 3+4-Methylphenols	8.510	107	974983	77.247	ng	99
22) Acetophenone	8.557	105	1116837	47.557	ng	# 99
24) Nitrobenzene	8.934	77	799986	49.256	ng	98
25) Isophorone	9.457	82	1717195	60.847	ng	100
26) 2-Nitrophenol	9.640	139	389249	50.174	ng	100
27) 2,4-Dimethylphenol	9.704	122	795133	79.707	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1032838	52.022	ng	100
29) 2,4-Dichlorophenol	10.175	162	801268	59.376	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	667764	44.787	ng	99
31) Naphthalene	10.569	128	2304817	46.808	ng	100
32) Benzoic acid	9.851	122	648790	66.686	ng	100
33) 4-Chloroaniline	10.681	127	407544	23.128	ng	99
34) Hexachlorobutadiene	10.857	225	352390	41.067	ng	99
35) Caprolactam	11.469	113	377878	85.439	ng	99
36) 4-Chloro-3-methylphenol	11.816	107	1031989	70.888	ng	100
37) 2-Methylnaphthalene	12.187	142	1666489	50.097	ng	99
38) 1-Methylnaphthalene	12.404	142	1798236	55.579	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	873351	39.605	ng	99
41) Hexachlorocyclopentadiene	12.540	237	867386	109.121	ng	100
43) 2,4,6-Trichlorophenol	12.798	196	721280	51.468	ng	99

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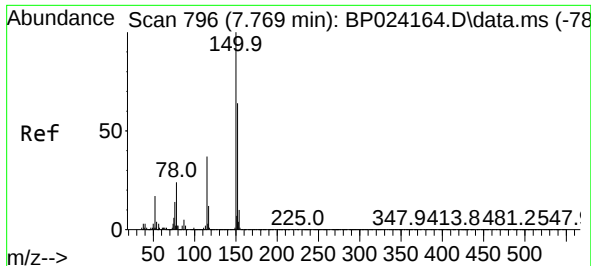
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	839689	54.635	ng	99
46) 1,1'-Biphenyl	13.204	154	2512826	43.835	ng	99
47) 2-Chloronaphthalene	13.245	162	1961170	45.484	ng	99
48) 2-Nitroaniline	13.451	65	675800	61.279	ng	97
49) Acenaphthylene	14.104	152	3565962	54.657	ng	100
50) Dimethylphthalate	13.840	163	2937674	55.036	ng	100
51) 2,6-Dinitrotoluene	13.957	165	652854	58.130	ng	98
52) Acenaphthene	14.451	154	2035472	48.830	ng	99
53) 3-Nitroaniline	14.292	138	321322	26.490	ng	98
54) 2,4-Dinitrophenol	14.504	184	893611	150.373	ng	96
55) Dibenzofuran	14.787	168	3357814	49.729	ng	99
56) 4-Nitrophenol	14.622	139	1487318	146.742	ng	98
57) 2,4-Dinitrotoluene	14.757	165	1007246	67.897	ng	96
58) Fluorene	15.451	166	2864315	54.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	790923	58.248	ng	98
60) Diethylphthalate	15.234	149	3089588	58.124	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1328275	51.477	ng	98
62) 4-Nitroaniline	15.481	138	810731	63.725	ng	99
63) Azobenzene	15.751	77	3367536	67.216	ng	98
65) 4,6-Dinitro-2-methylph...	15.539	198	587747	55.170	ng	98
66) n-Nitrosodiphenylamine	15.675	169	2573931	47.234	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	913324	46.357	ng	99
68) Hexachlorobenzene	16.486	284	1099127	47.134	ng	97
69) Atrazine	16.657	200	1005262	76.429	ng	99
70) Pentachlorophenol	16.845	266	1707835	113.249	ng	99
71) Phenanthrene	17.245	178	4953242	50.526	ng	100
72) Anthracene	17.333	178	4989330	52.255	ng	100
73) Carbazole	17.616	167	5001527	54.318	ng	99
74) Di-n-butylphthalate	18.216	149	6170844	56.454	ng	100
75) Fluoranthene	19.327	202	6196533	54.576	ng	99
77) Benzidine	19.522	184	2295485	92.858	ng	100
78) Pyrene	19.704	202	6454420	45.918	ng	100
80) Butylbenzylphthalate	20.663	149	3205014	55.291	ng	99
81) Benzo(a)anthracene	21.633	228	7162766	50.954	ng	99
82) 3,3'-Dichlorobenzidine	21.563	252	1110453	23.570	ng	98
83) Chrysene	21.698	228	6556297	48.517	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	4762918	54.454	ng	99
85) Di-n-octyl phthalate	22.880	149	8407133	59.992	ng	100
87) Indeno(1,2,3-cd)pyrene	28.898	276	9461136	50.503	ng	94
88) Benzo(b)fluoranthene	23.974	252	7856093	48.541	ng	98
89) Benzo(k)fluoranthene	24.045	252	7648352	48.311	ng	99
90) Benzo(a)pyrene	24.886	252	7537725	53.560	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	7722715	49.550	ng	99
92) Benzo(g,h,i)perylene	30.097	276	7487891	47.261	ng	98

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

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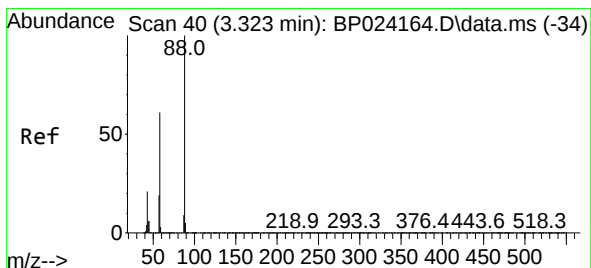
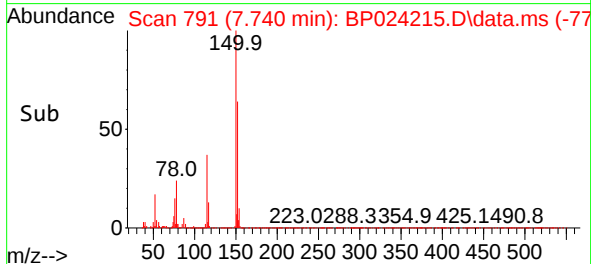
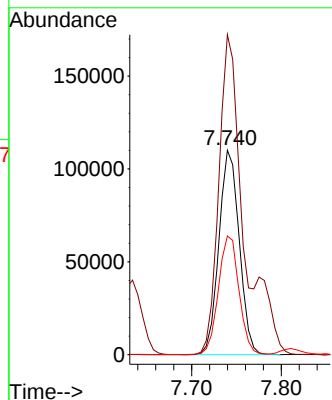
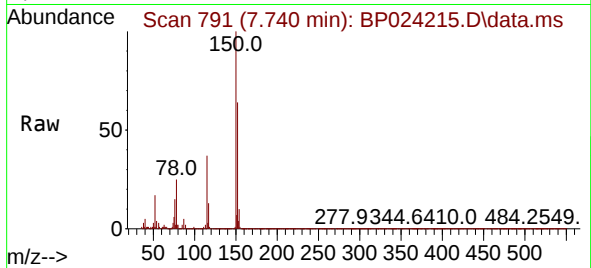




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024215.D
 Acq: 08 Apr 2025 16:26

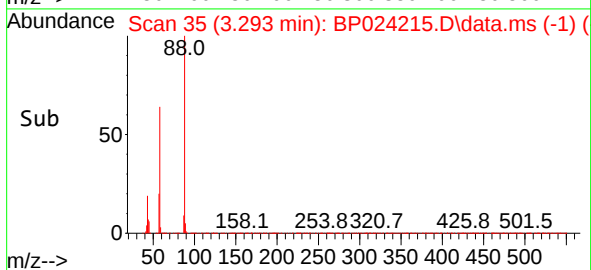
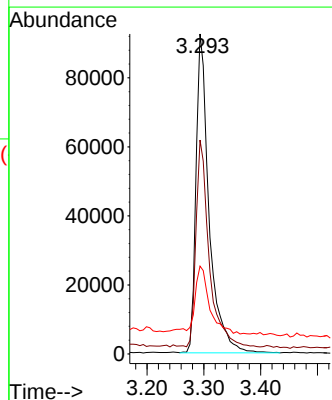
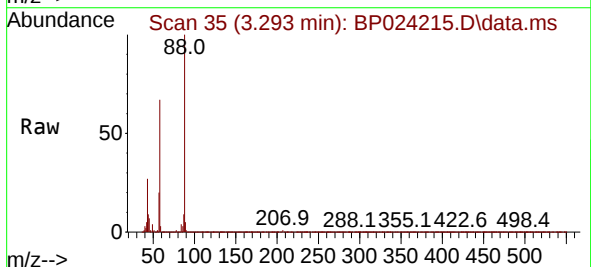
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 OU4-VSL-15-040325MS

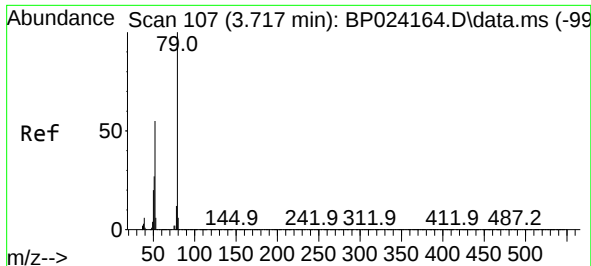
Tgt Ion:152 Resp: 173235
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.5 188.3
 115 58.1 46.3 69.5



#2
 1,4-Dioxane
 Concen: 34.564 ng
 RT: 3.293 min Scan# 35
 Delta R.T. -0.030 min
 Lab File: BP024215.D
 Acq: 08 Apr 2025 16:26

Tgt Ion: 88 Resp: 148685
 Ion Ratio Lower Upper
 88 100
 58 65.0 49.8 74.6
 43 24.6 17.3 25.9

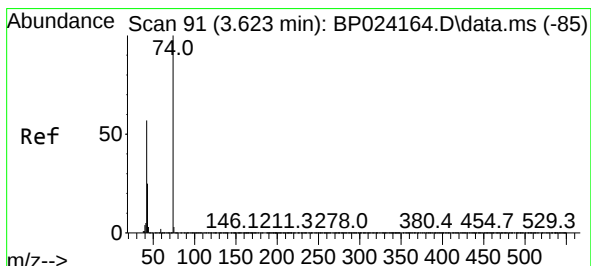
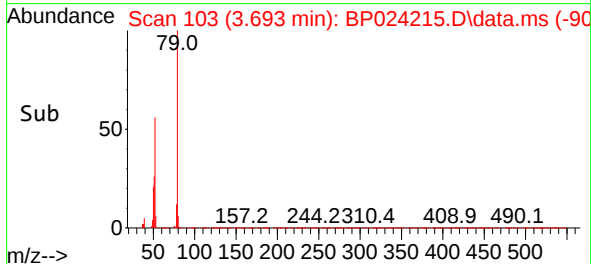
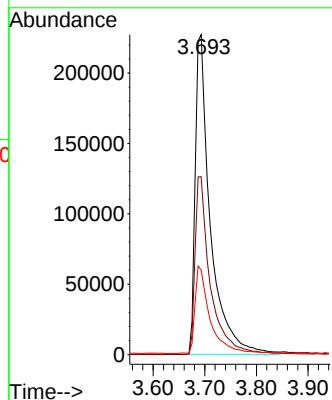
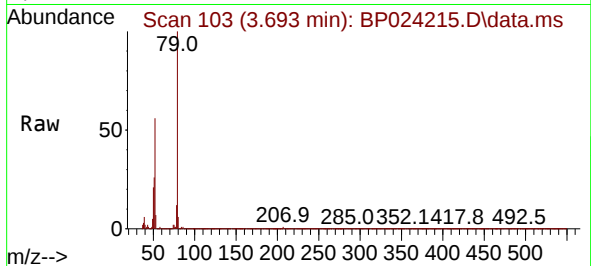




#3
Pyridine
Concen: 39.272 ng
RT: 3.693 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

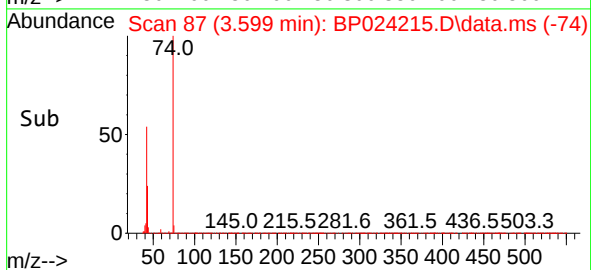
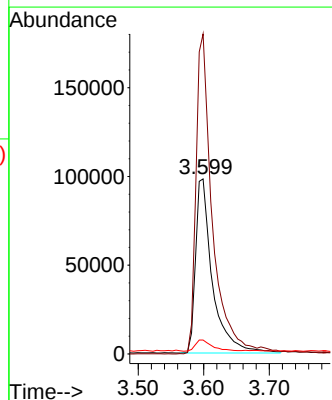
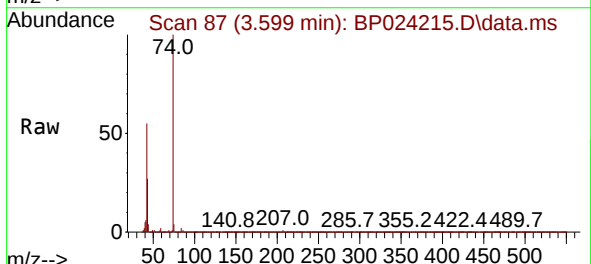
Instrument :
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ClientSampleId :
OU4-VSL-15-040325MS

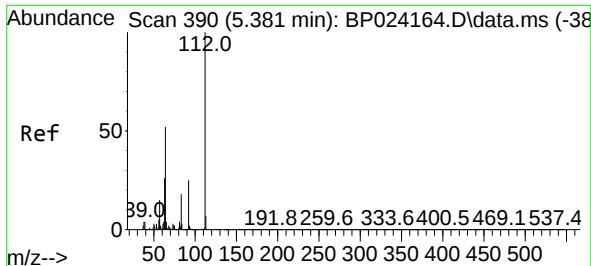
Tgt Ion: 79 Resp: 461849
Ion Ratio Lower Upper
79 100
52 55.6 43.8 65.8
51 26.5 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 44.594 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 42 Resp: 175181
Ion Ratio Lower Upper
42 100
74 182.7 139.8 209.6
44 7.9 5.3 7.9#

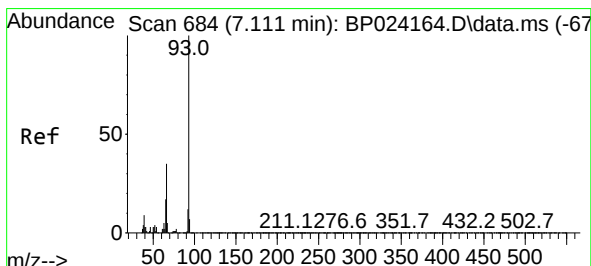
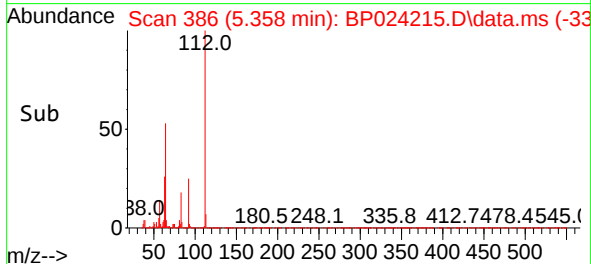
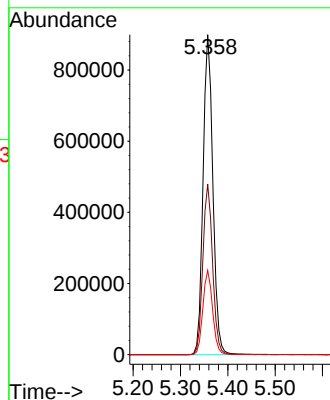
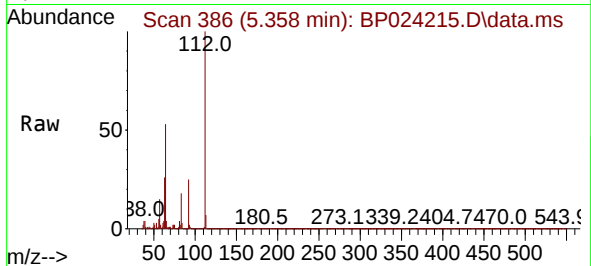




#5
2-Fluorophenol
Concen: 119.047 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

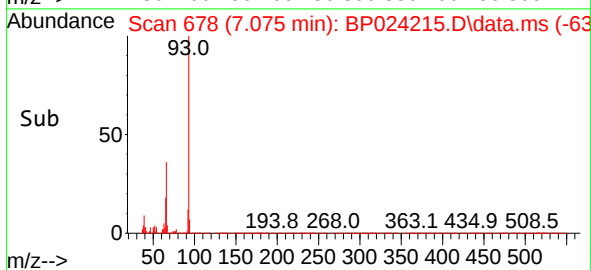
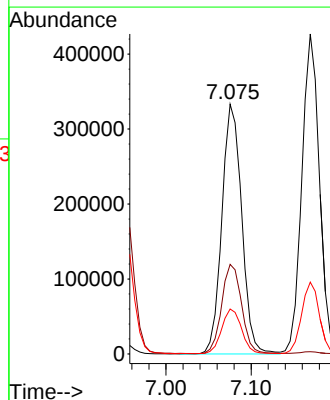
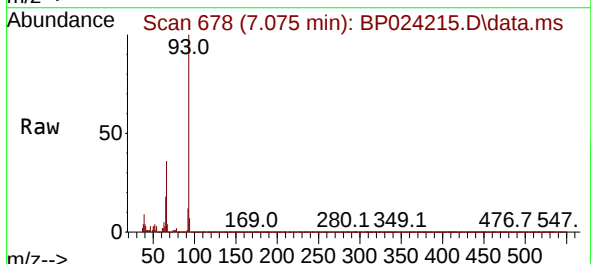
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

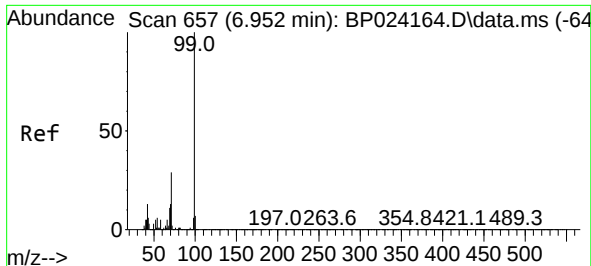
Tgt Ion:112 Resp: 1291943
Ion Ratio Lower Upper
112 100
64 53.3 41.3 61.9
63 26.3 20.6 31.0



#6
Aniline
Concen: 40.810 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 93 Resp: 539595
Ion Ratio Lower Upper
93 100
66 35.9 28.2 42.2
65 18.0 14.0 21.0



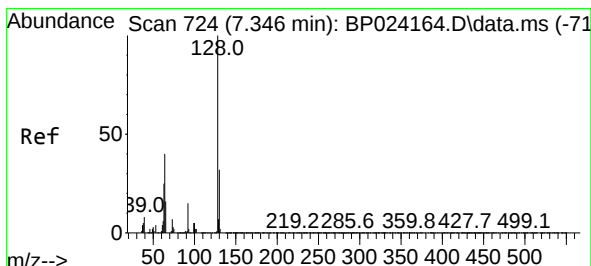
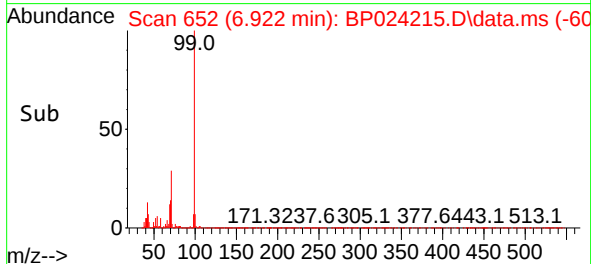
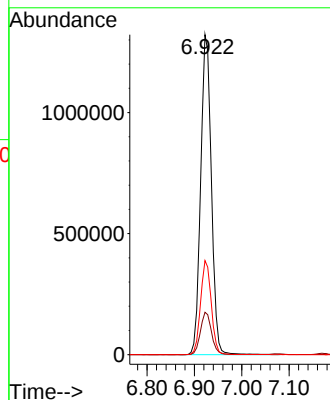
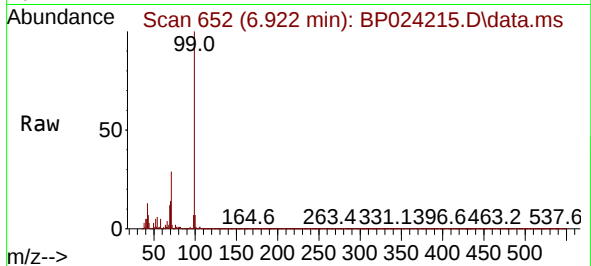


#7
Phenol-d6
Concen: 143.037 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

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

Tgt Ion: 99 Resp: 2075816

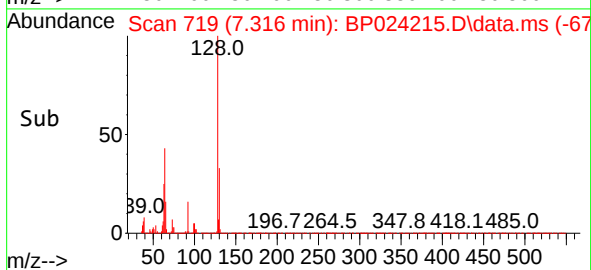
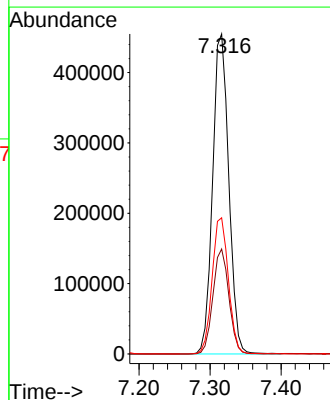
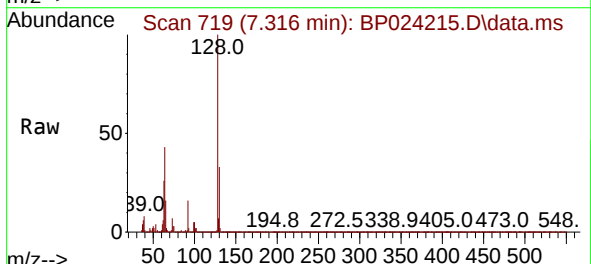
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.4	23.3	34.9

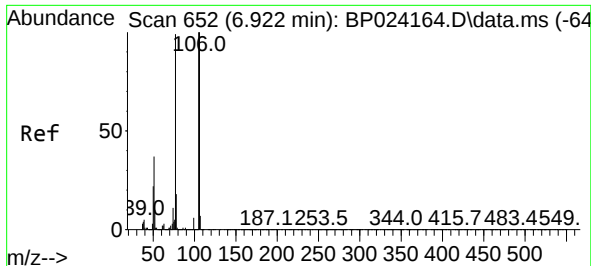


#8
2-Chlorophenol
Concen: 61.164 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 128 Resp: 716985

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	42.5	21.6	61.6

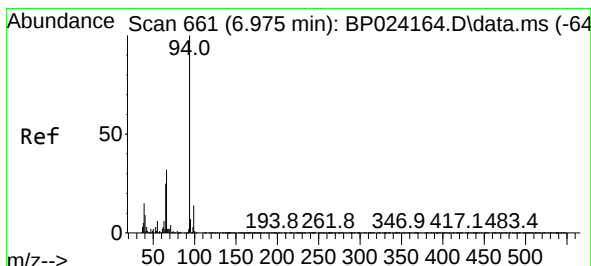
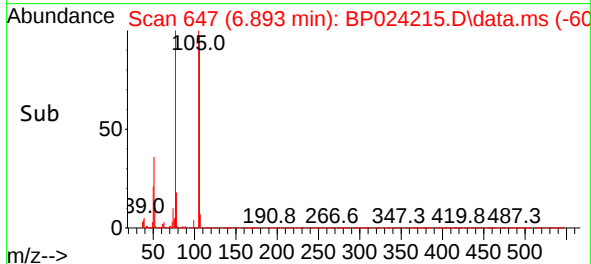
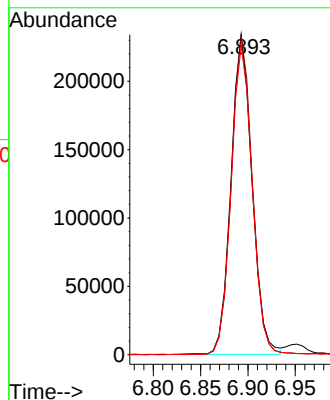
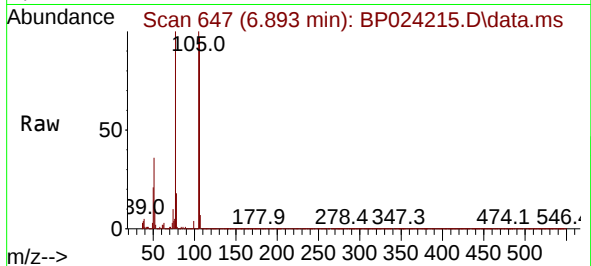




#9
Benzaldehyde
Concen: 51.611 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

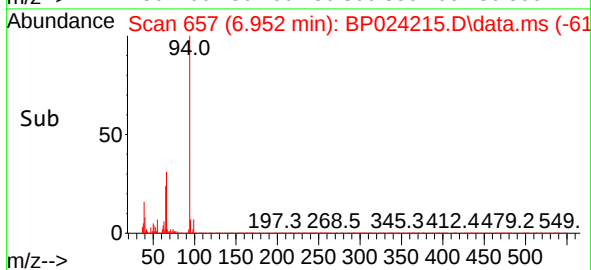
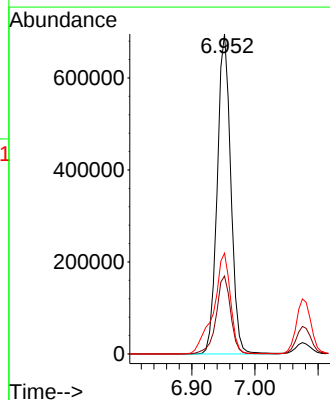
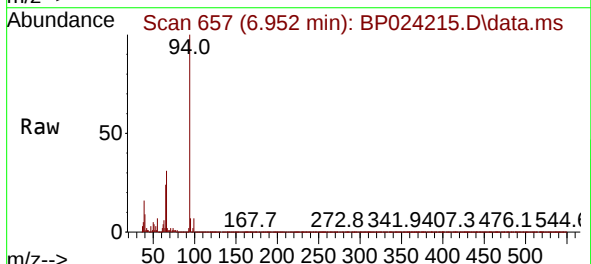
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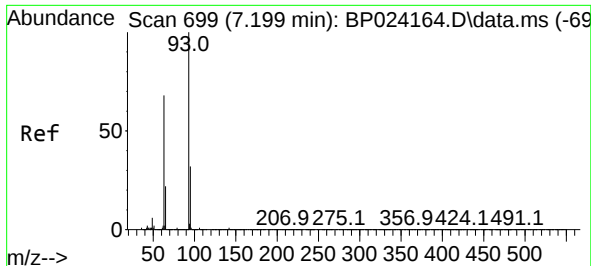
Tgt Ion: 77 Resp: 361456
Ion Ratio Lower Upper
77 100
105 99.8 81.4 121.4
106 96.6 81.1 121.1



#10
Phenol
Concen: 70.865 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 94 Resp: 1038210
Ion Ratio Lower Upper
94 100
65 24.3 4.9 44.9
66 31.5 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 53.488 ng

RT: 7.169 min Scan# 61

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

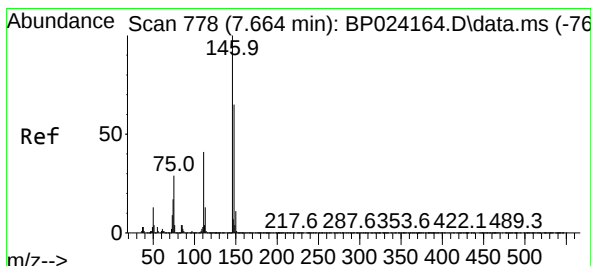
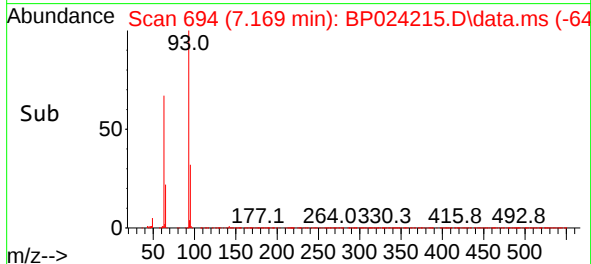
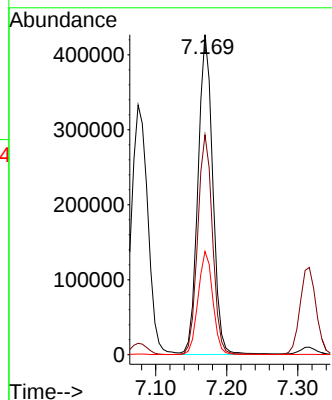
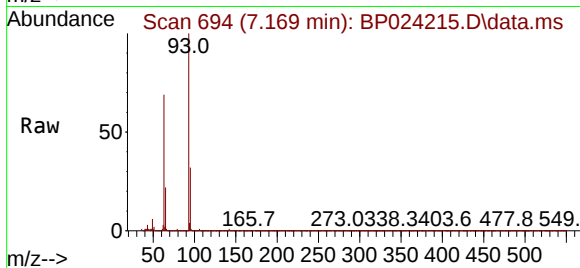
Tgt Ion: 93 Resp: 617963

Ion Ratio Lower Upper

93 100

63 68.7 47.4 87.4

95 32.3 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 48.189 ng

RT: 7.634 min Scan# 773

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

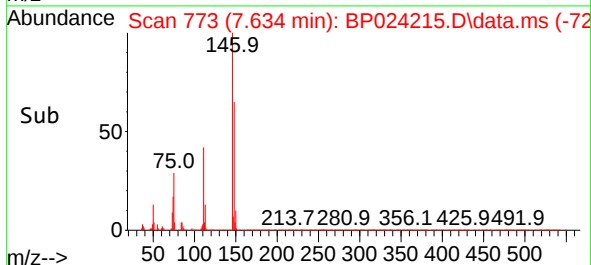
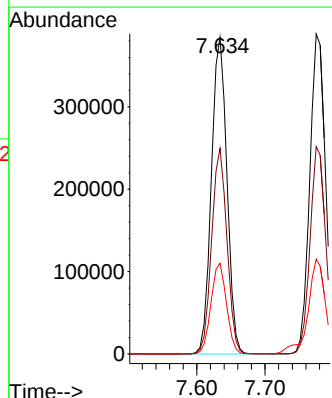
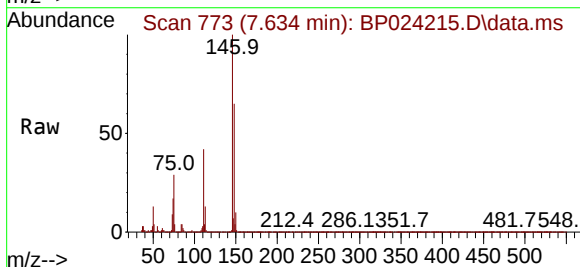
Tgt Ion: 146 Resp: 609162

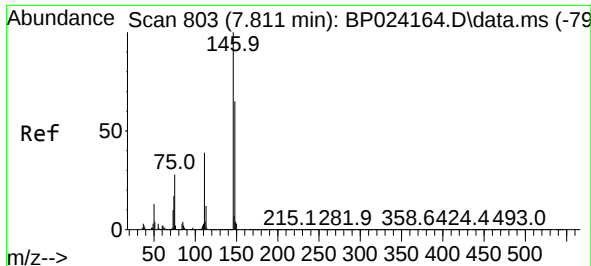
Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

75 28.7 22.8 34.2

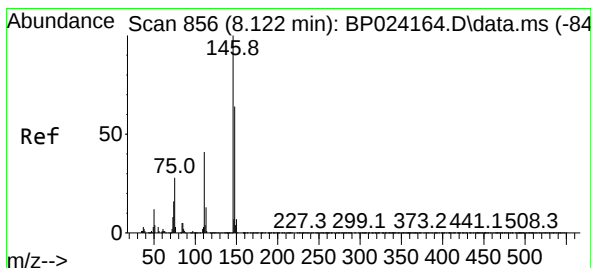
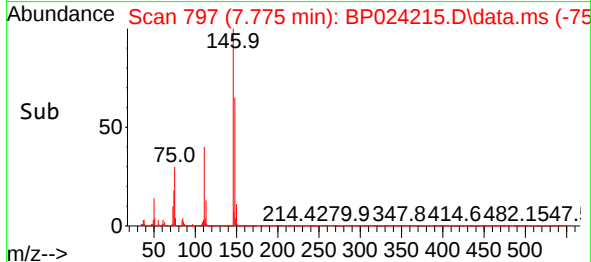
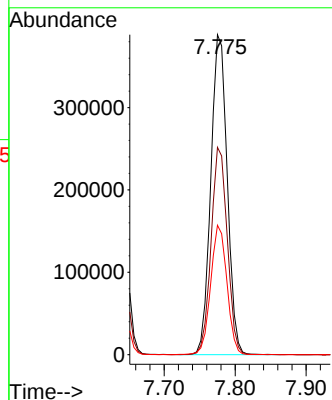
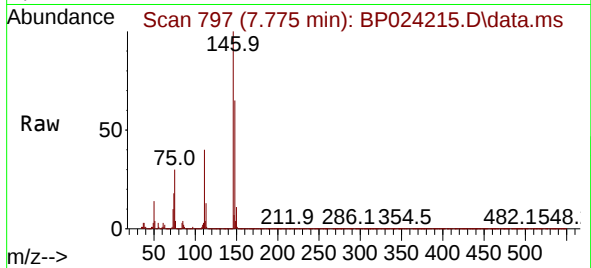




#13
1,4-Dichlorobenzene
Concen: 48.233 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

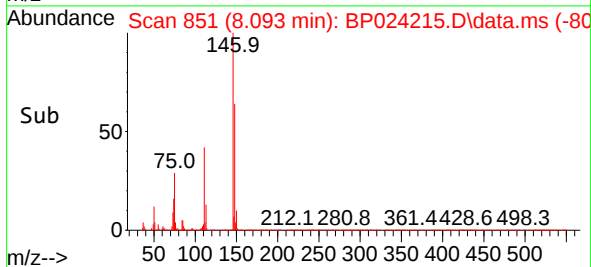
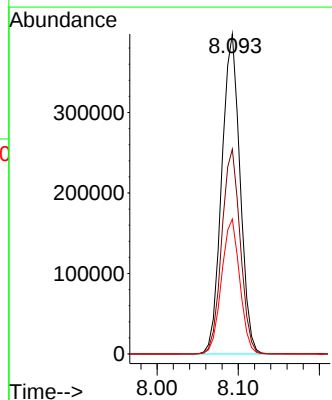
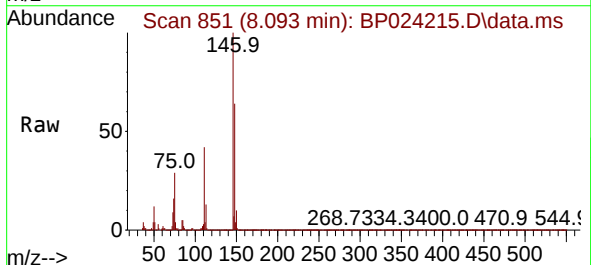
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

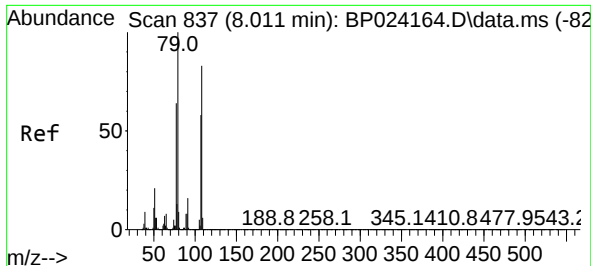
Tgt Ion:146 Resp: 622532
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 40.4 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 50.384 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:146 Resp: 624040
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 42.1 33.2 49.8

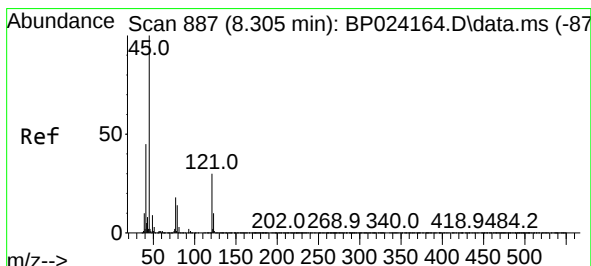
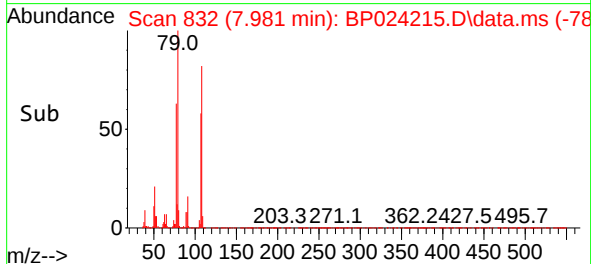
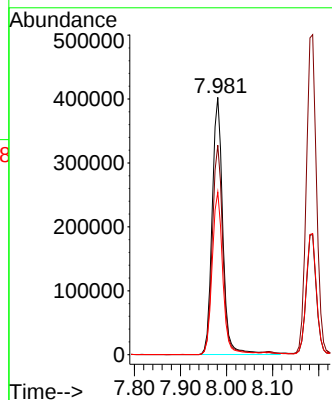
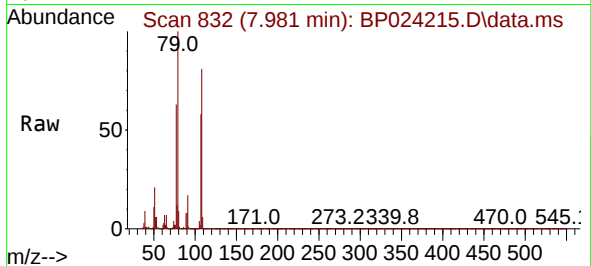




#15
Benzyl Alcohol
Concen: 70.783 ng
RT: 7.981 min Scan# 811
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

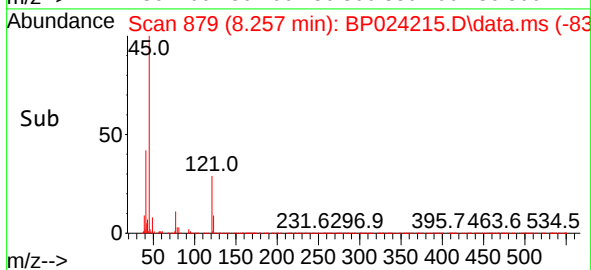
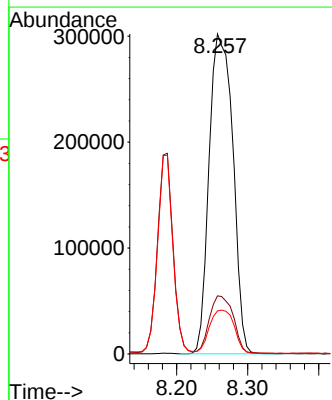
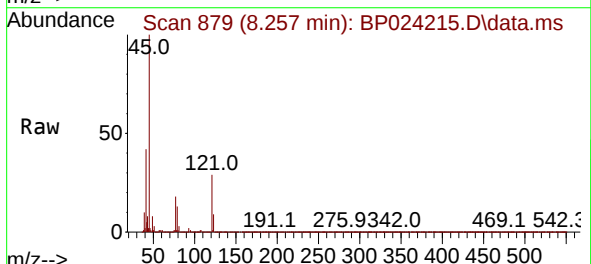
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

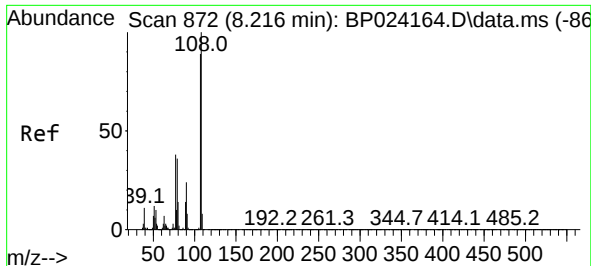
Tgt Ion: 79 Resp: 650339
Ion Ratio Lower Upper
79 100
108 81.5 66.5 99.7
77 63.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.426 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.047 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

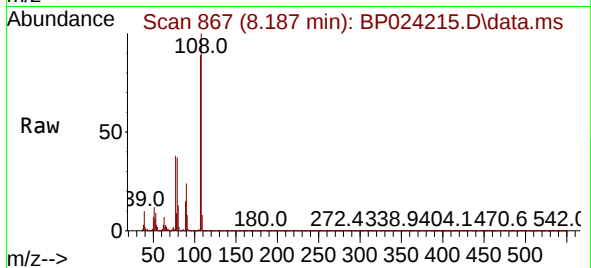
Tgt Ion: 45 Resp: 700720
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 13.5 0.0 35.6



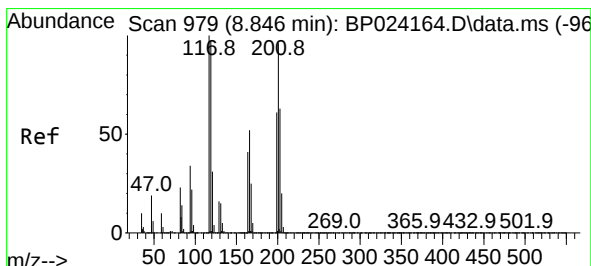
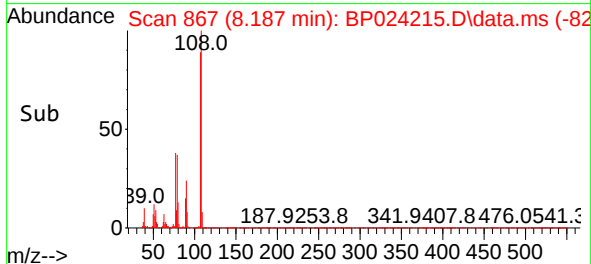
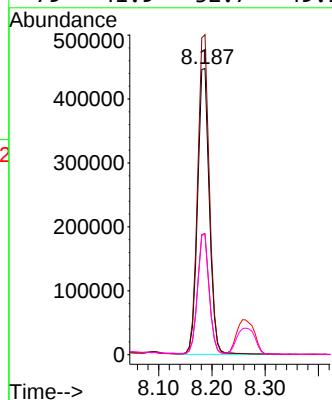


#17
2-Methylphenol
Concen: 74.474 ng
RT: 8.187 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

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

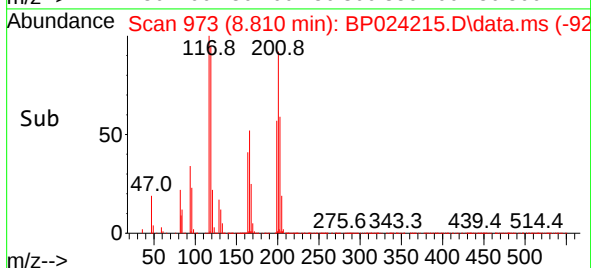
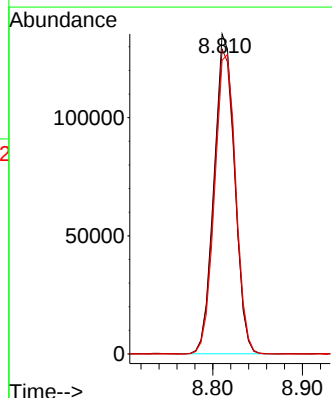
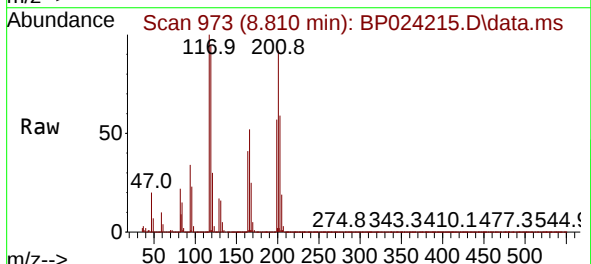


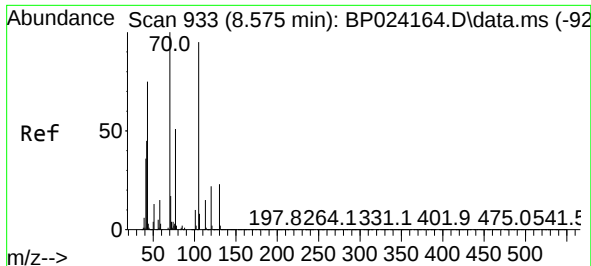
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.0	135.0
77	42.3	34.0	51.0
79	41.9	32.7	49.1



#18
Hexachloroethane
Concen: 47.329 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	91.8	76.6	114.8

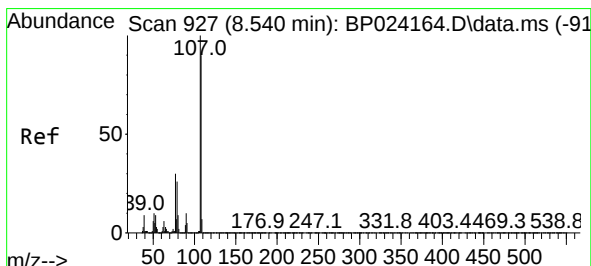
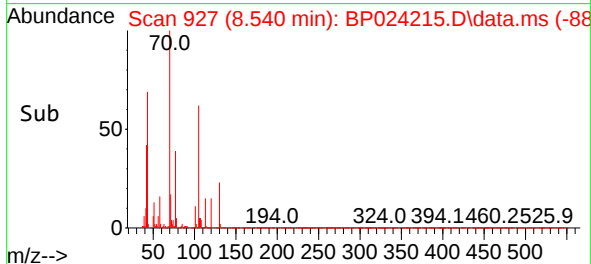
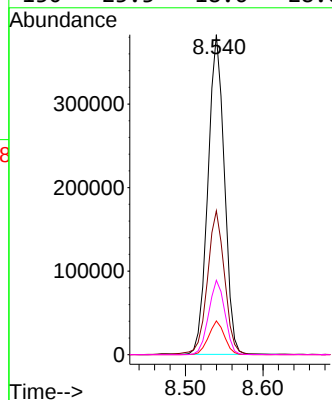
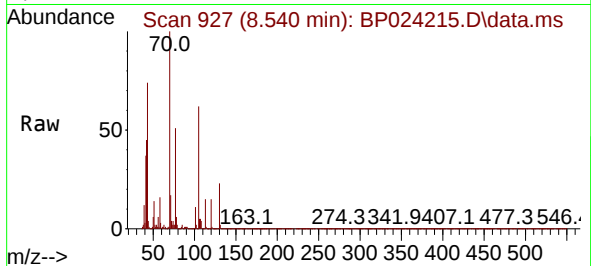




#19
n-Nitroso-di-n-propylamine
Concen: 66.753 ng
RT: 8.540 min Scan# 911
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

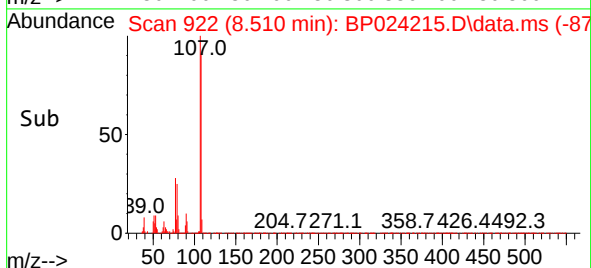
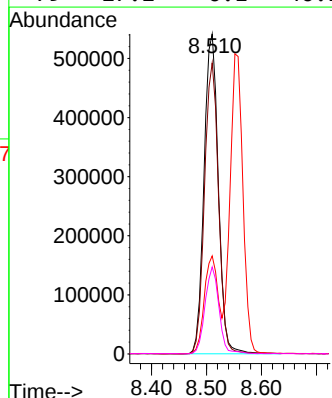
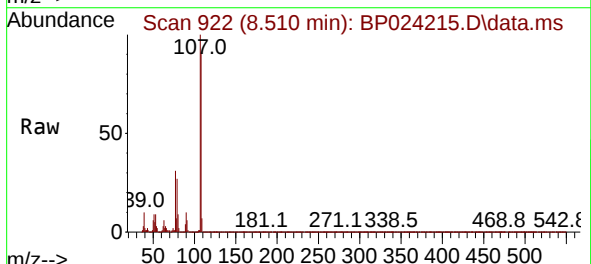
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

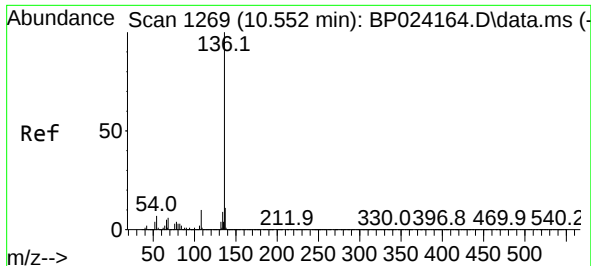
Tgt Ion: 70 Resp: 562012
Ion Ratio Lower Upper
70 100
42 44.9 36.0 54.0
101 10.5 8.3 12.5
130 23.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 77.247 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 107 Resp: 974983
Ion Ratio Lower Upper
107 100
108 90.9 69.7 109.7
77 30.6 10.3 50.3
79 27.2 6.1 46.1

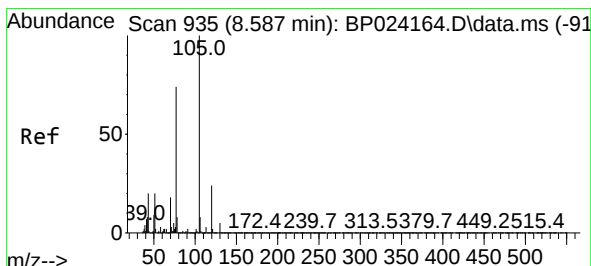
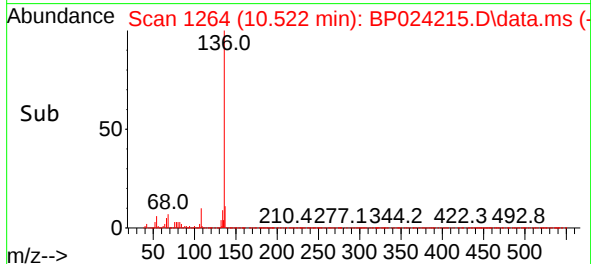
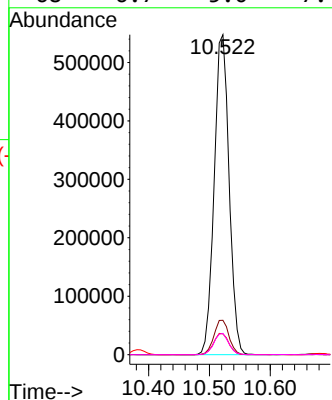
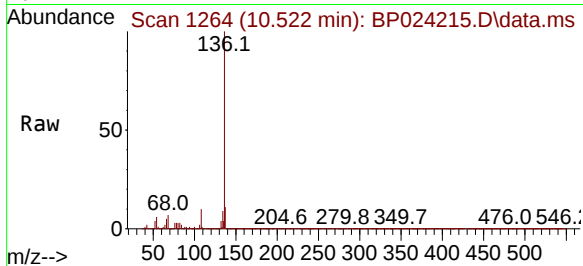




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

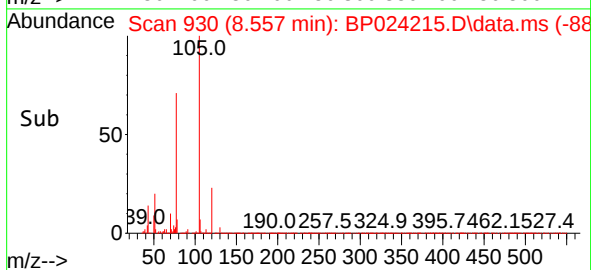
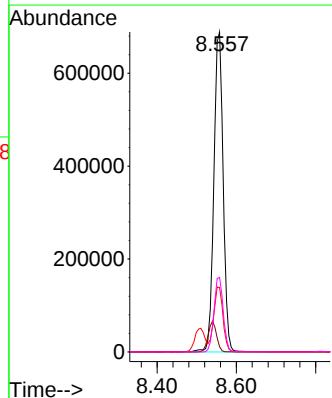
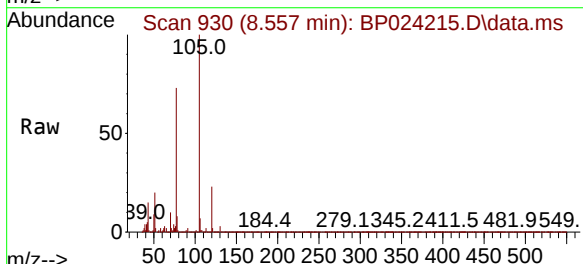
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

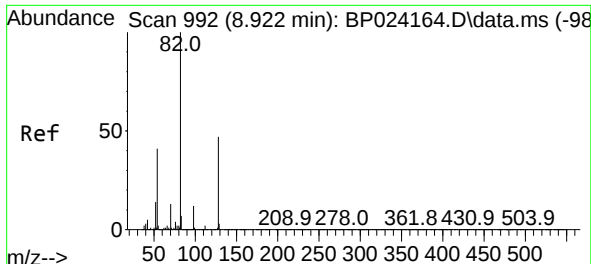
Tgt Ion:	136	Resp:	928895
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.3	7.9
68	6.7	5.0	7.4



#22
Acetophenone
Concen: 47.557 ng
RT: 8.557 min Scan# 930
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:	105	Resp:	1116837
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.4	3.6#
51	20.1	16.2	24.2
120	23.3	19.0	28.6

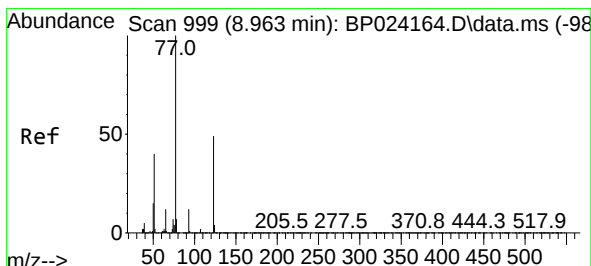
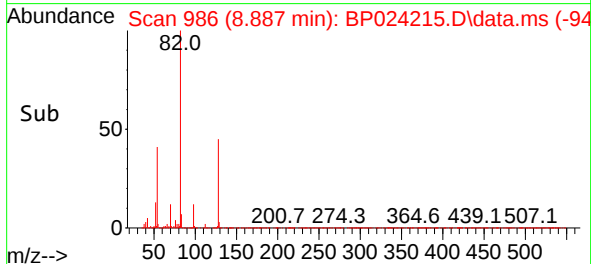
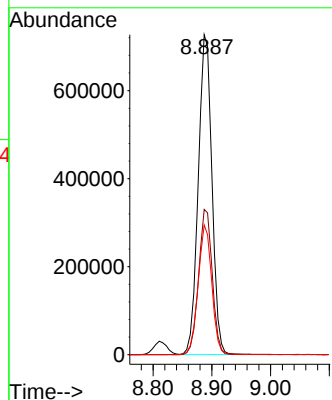
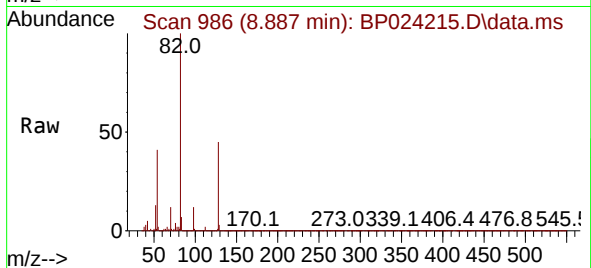




#23
Nitrobenzene-d5
Concen: 71.330 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

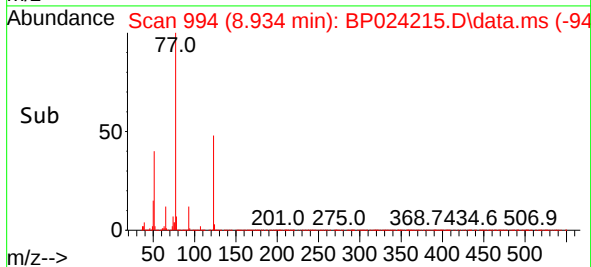
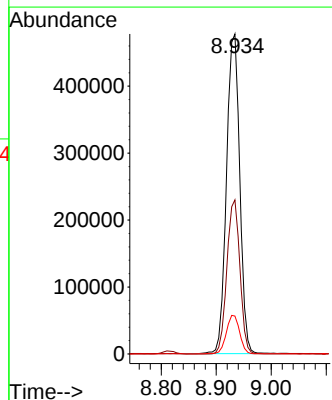
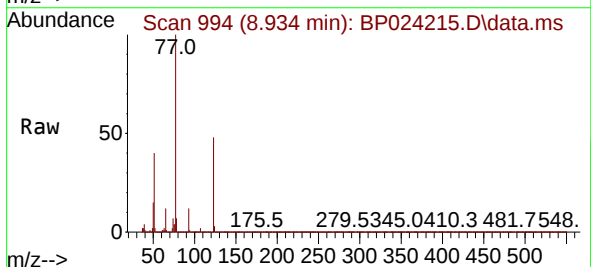
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

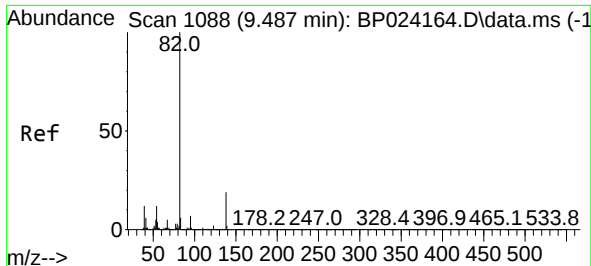
Tgt Ion: 82 Resp: 1174343
Ion Ratio Lower Upper
82 100
128 45.4 37.4 56.0
54 40.6 32.5 48.7



#24
Nitrobenzene
Concen: 49.256 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 77 Resp: 799986
Ion Ratio Lower Upper
77 100
123 48.2 39.4 59.2
65 11.8 9.9 14.9

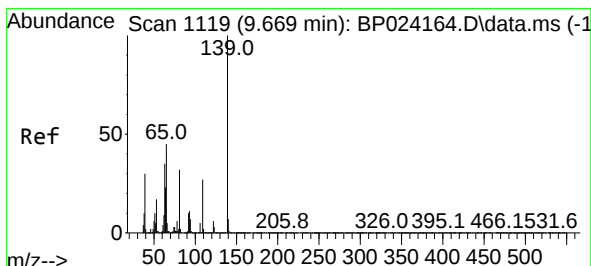
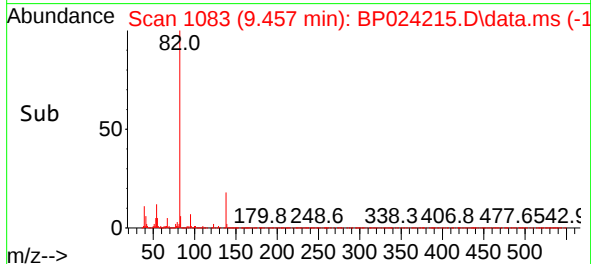
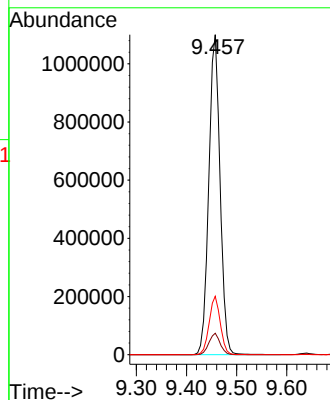
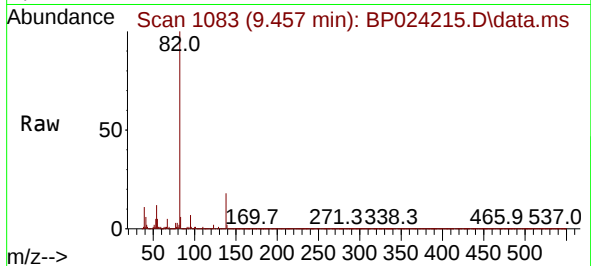




#25
Isophorone
Concen: 60.847 ng
RT: 9.457 min Scan# 1088
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

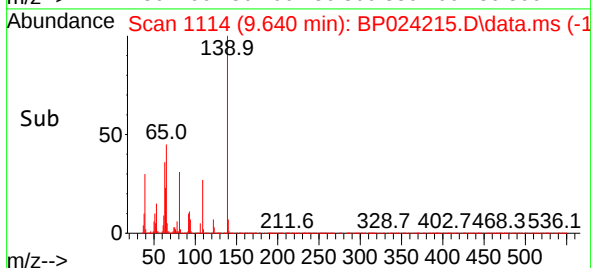
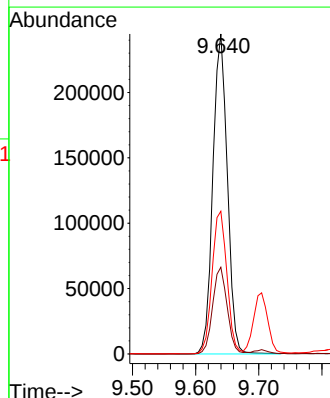
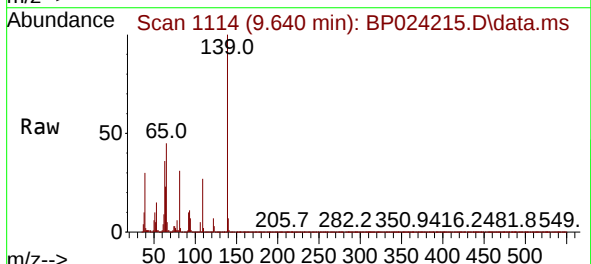
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

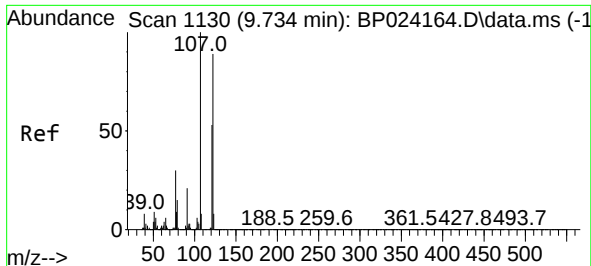
Tgt Ion: 82 Resp: 1717195
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 50.174 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 139 Resp: 389249
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 44.6 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 79.707 ng

RT: 9.704 min Scan# 1125

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

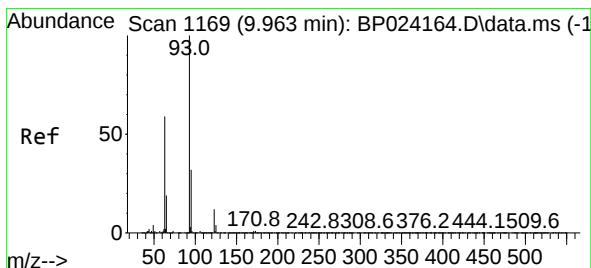
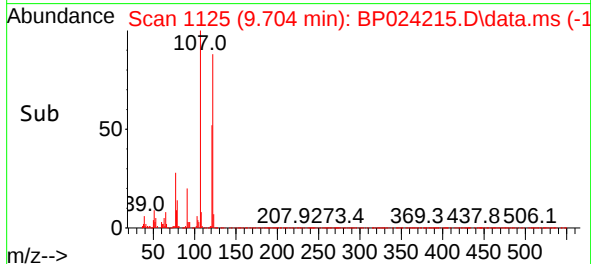
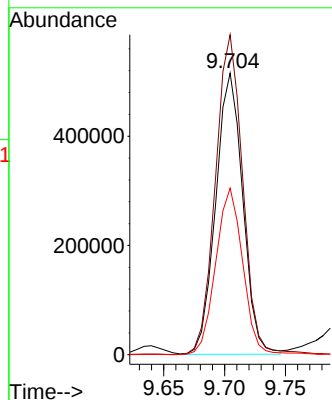
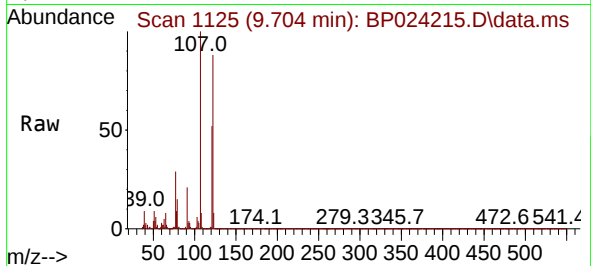
Tgt Ion:122 Resp: 795133

Ion Ratio Lower Upper

122 100

107 113.6 89.3 133.9

121 59.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.022 ng

RT: 9.934 min Scan# 1164

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

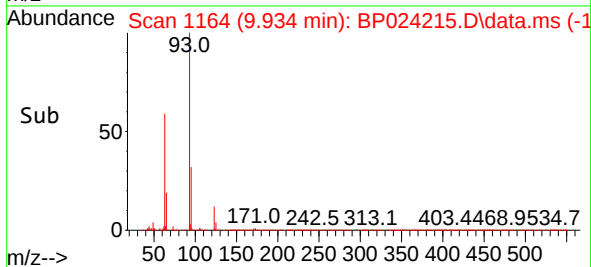
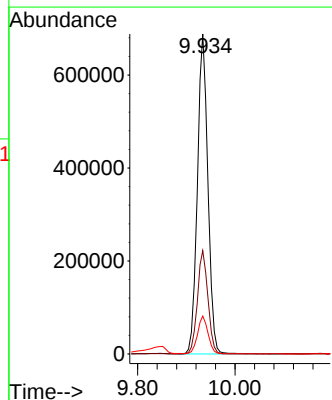
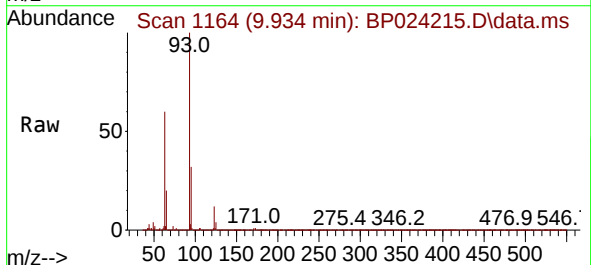
Tgt Ion: 93 Resp: 1032838

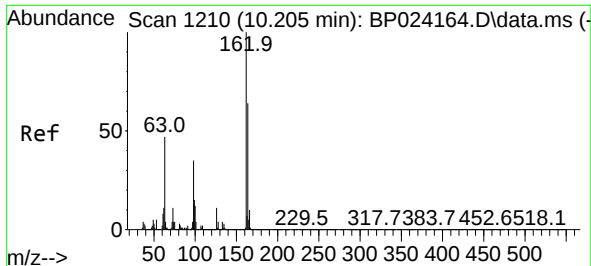
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 59.376 ng

RT: 10.175 min Scan# 1205

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

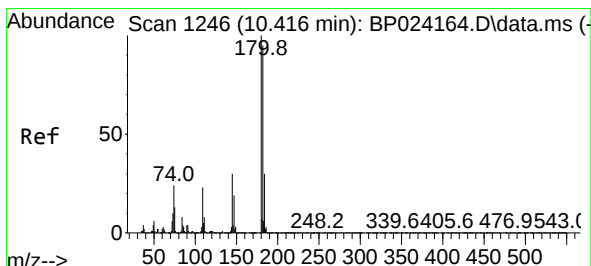
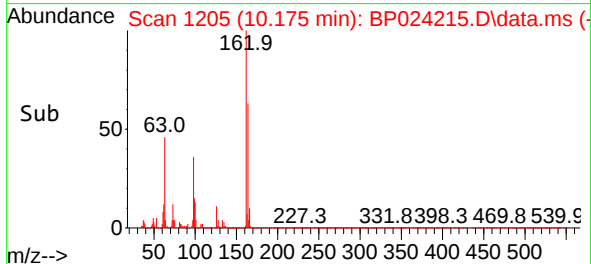
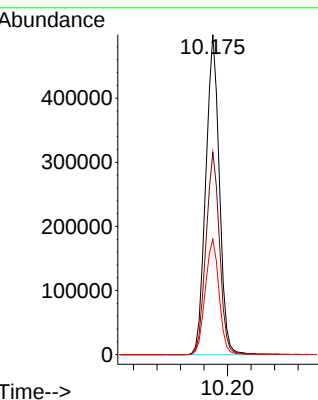
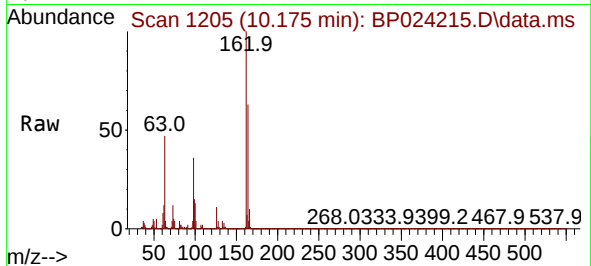
Tgt Ion:162 Resp: 801268

Ion Ratio Lower Upper

162 100

164 63.2 44.2 84.2

98 36.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.787 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.035 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

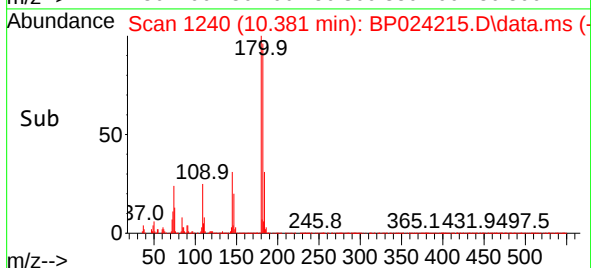
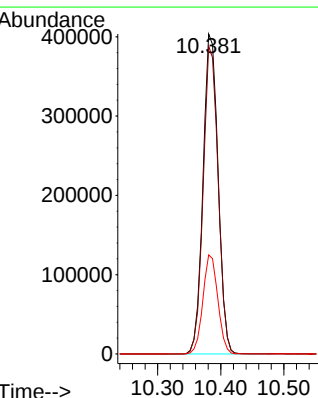
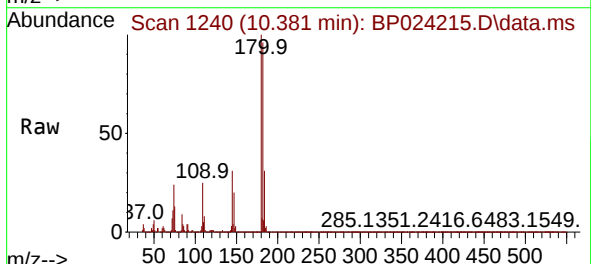
Tgt Ion:180 Resp: 667764

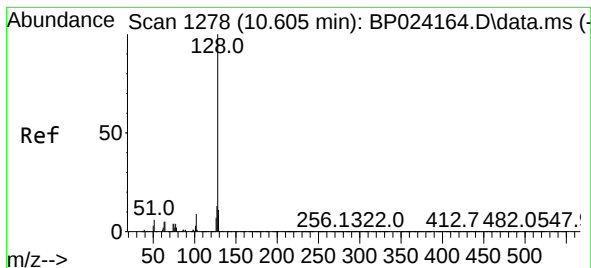
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 31.0 24.2 36.2





#31

Naphthalene

Concen: 46.808 ng

RT: 10.569 min Scan# 1150

Delta R.T. -0.035 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

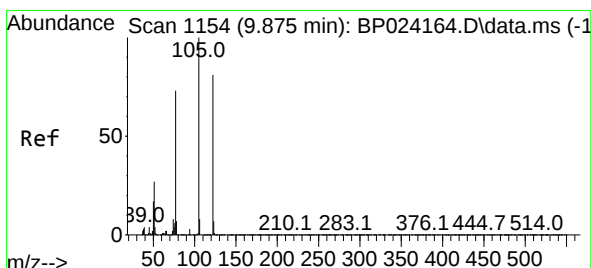
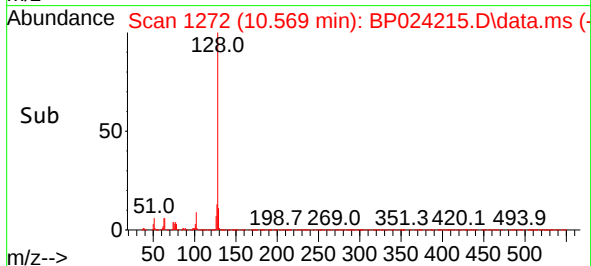
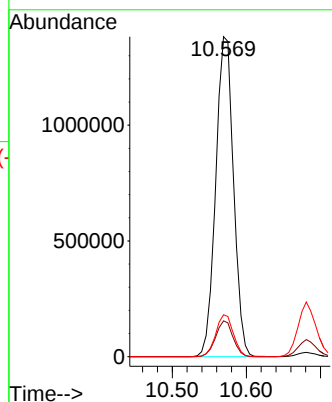
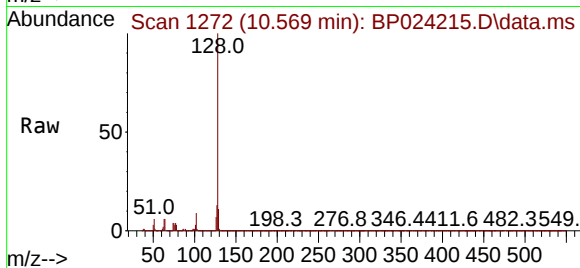
Tgt Ion:128 Resp: 2304817

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 66.686 ng

RT: 9.851 min Scan# 1150

Delta R.T. -0.024 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

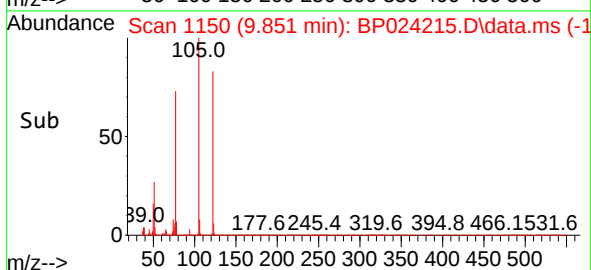
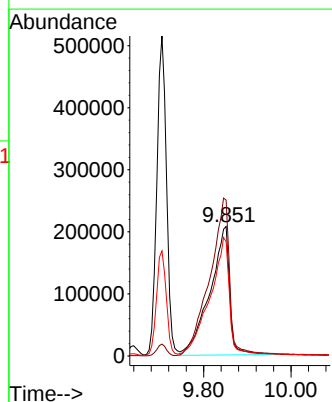
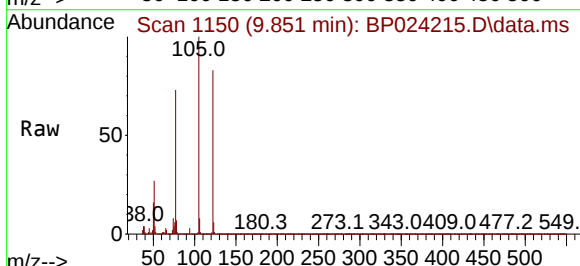
Tgt Ion:122 Resp: 648790

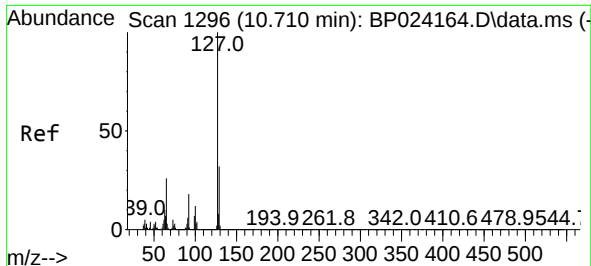
Ion Ratio Lower Upper

122 100

105 120.4 100.3 140.3

77 88.4 69.1 109.1

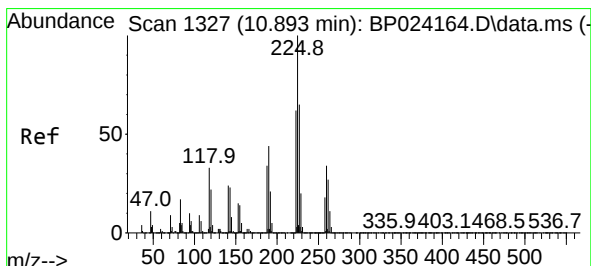
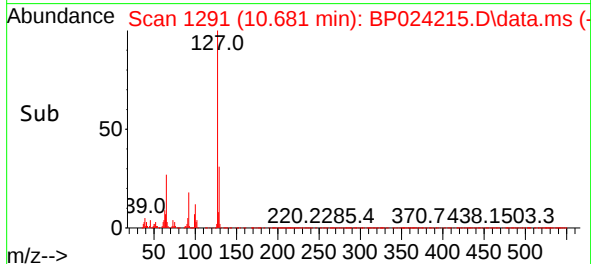
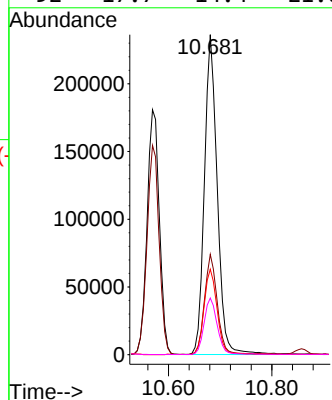
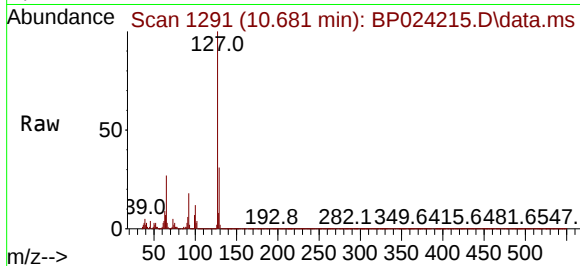




#33
4-Chloroaniline
Concen: 23.128 ng
RT: 10.681 min Scan# 1296
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

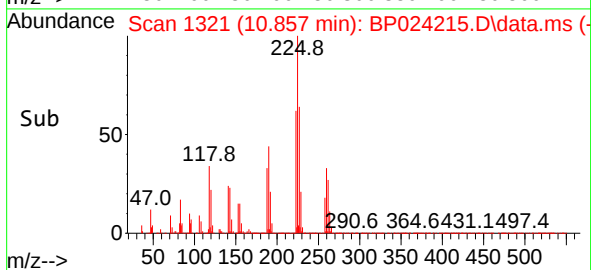
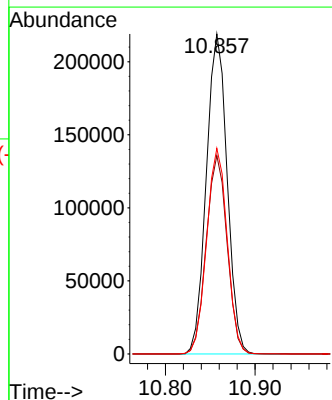
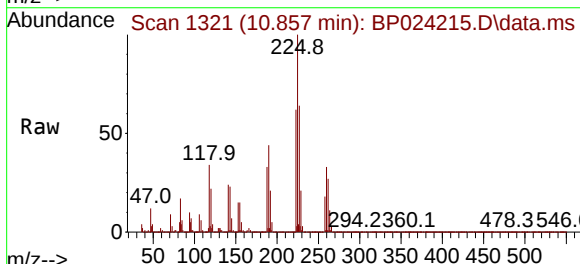
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

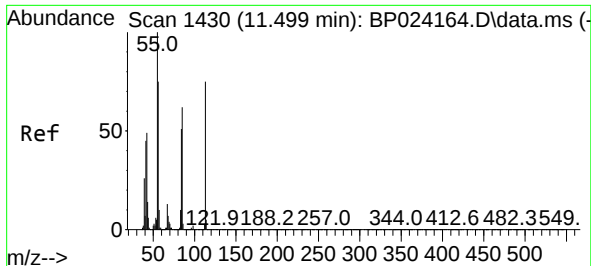
Tgt Ion:	127	Resp:	407544
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.6
65	26.7	21.2	31.8
92	17.7	14.4	21.6



#34
Hexachlorobutadiene
Concen: 41.067 ng
RT: 10.857 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:	225	Resp:	352390
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.9	74.9
227	64.2	52.2	78.2

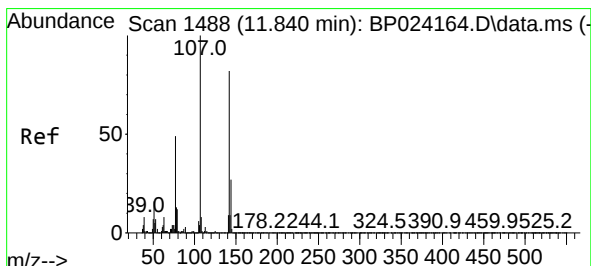
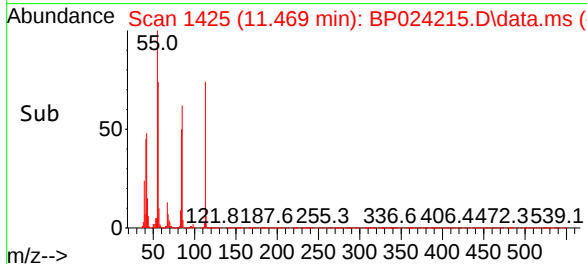
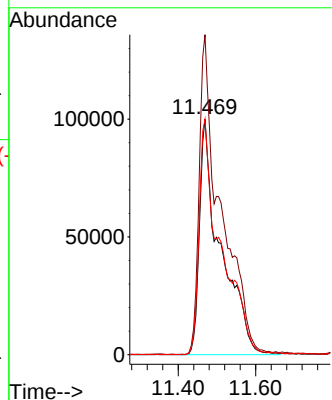
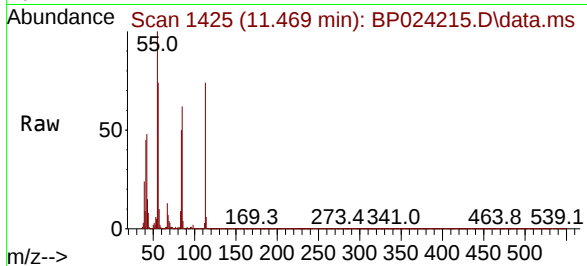




#35
Caprolactam
Concen: 85.439 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

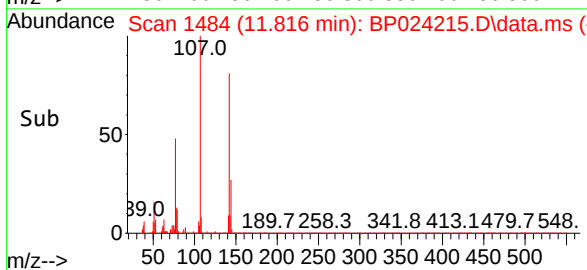
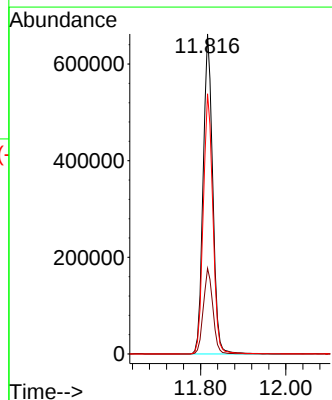
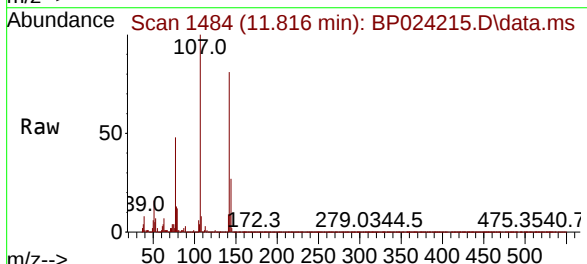
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

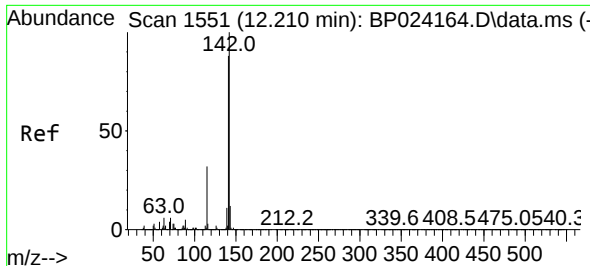
Tgt Ion:113 Resp: 377878
Ion Ratio Lower Upper
113 100
55 135.9 113.6 153.6
56 100.0 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 70.888 ng
RT: 11.816 min Scan# 1484
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:107 Resp: 1031989
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 81.3 65.4 98.0

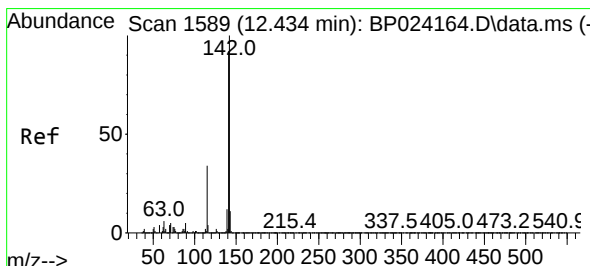
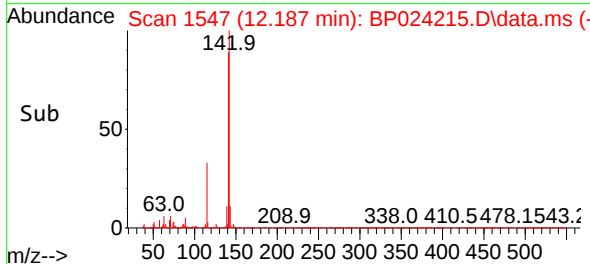
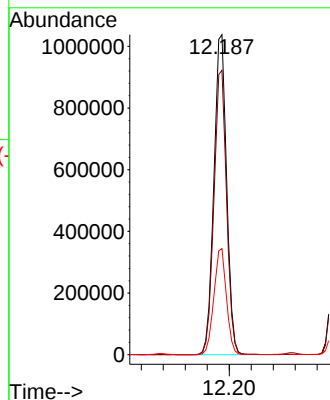
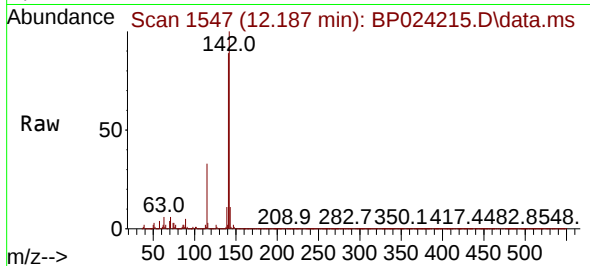




#37
2-Methylnaphthalene
Concen: 50.097 ng
RT: 12.187 min Scan# 1547
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

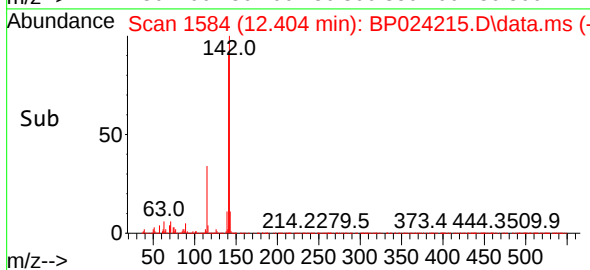
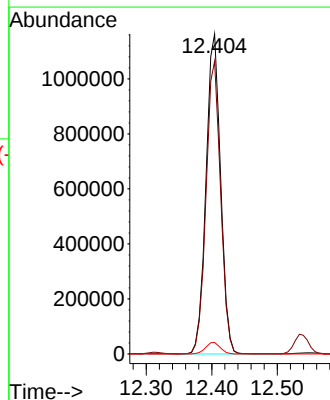
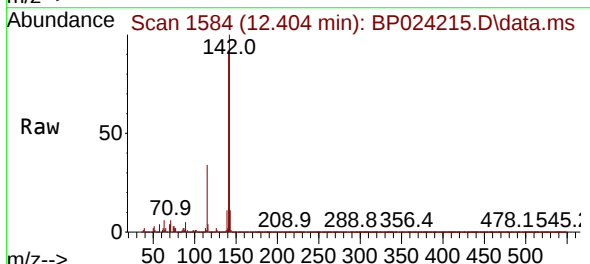
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

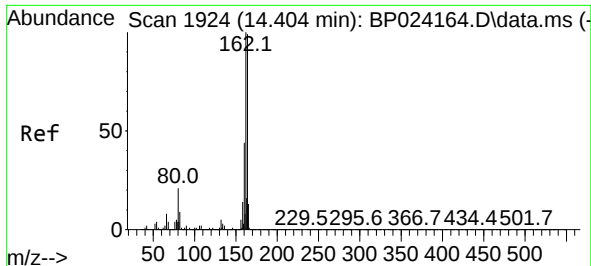
Tgt Ion:142 Resp: 1666489
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 33.1 26.0 39.0



#38
1-Methylnaphthalene
Concen: 55.579 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:142 Resp: 1798236
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9
116 3.6 2.8 4.2

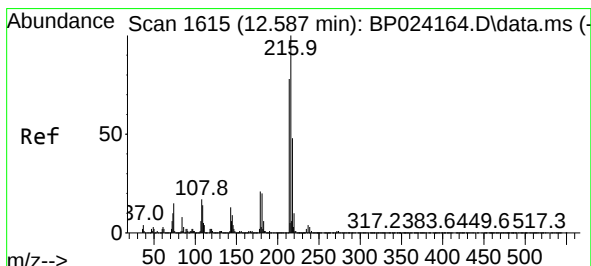
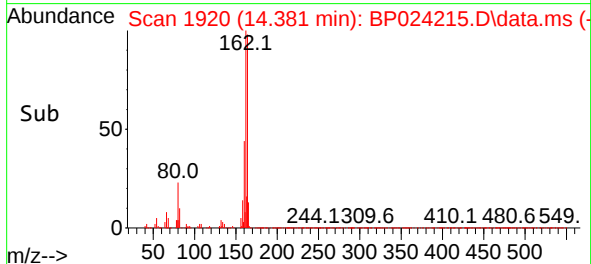
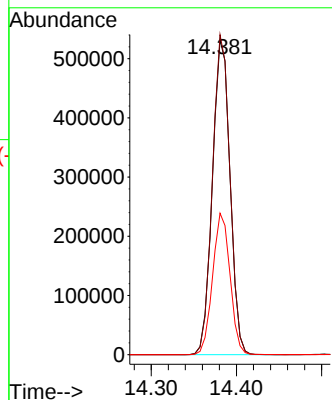
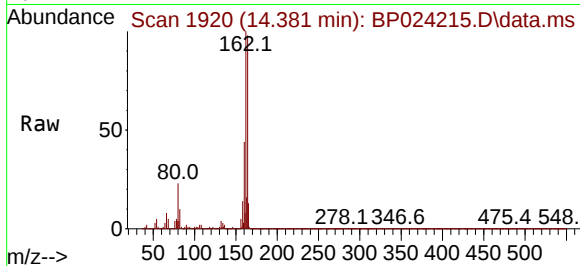




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

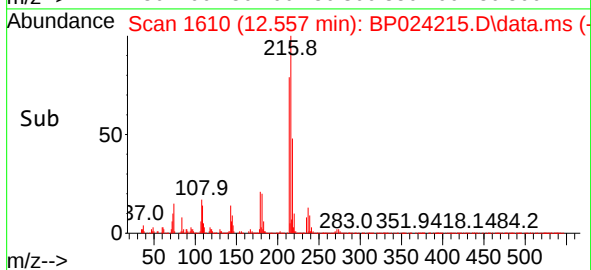
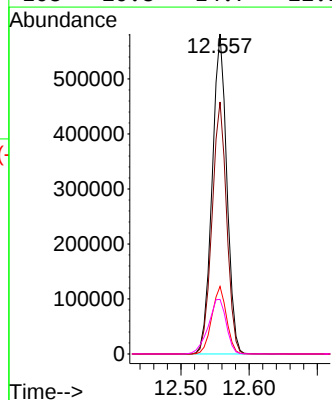
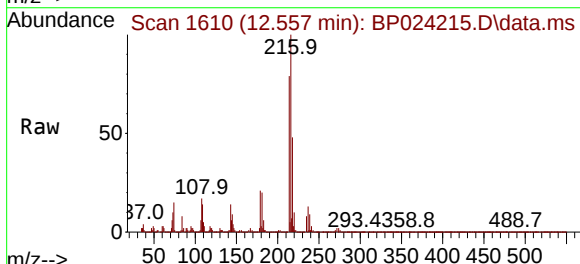
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

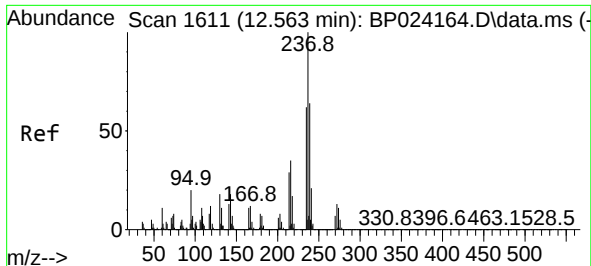
Tgt Ion:164 Resp: 762844
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 44.9 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.605 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:216 Resp: 873351
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 21.0 16.8 25.2
108 20.8 14.7 22.1

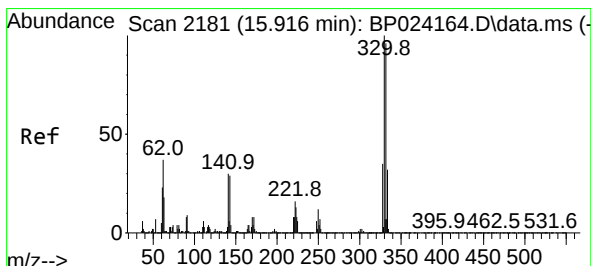
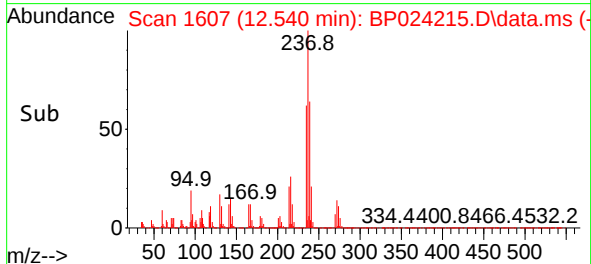
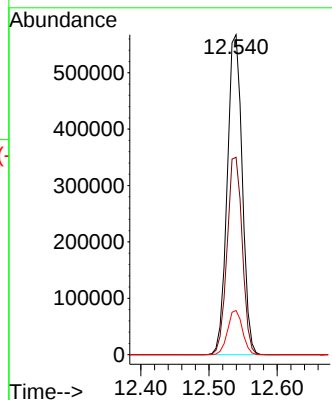
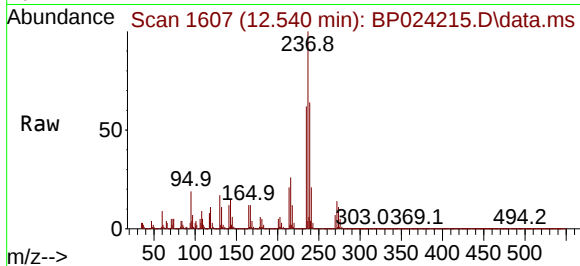




#41
Hexachlorocyclopentadiene
Concen: 109.121 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

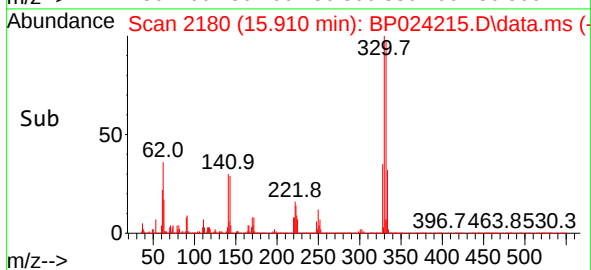
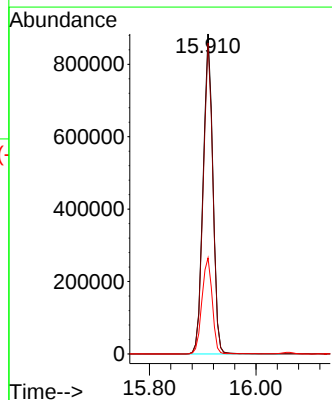
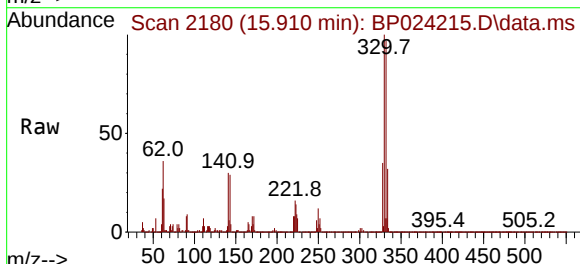
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

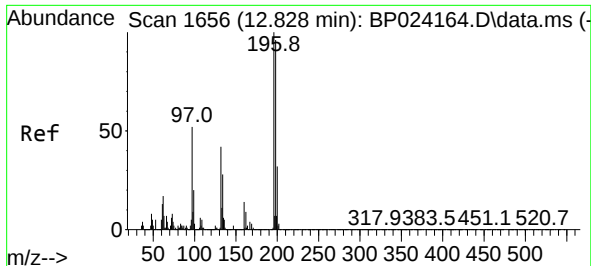
Tgt Ion:237 Resp: 867386
Ion Ratio Lower Upper
237 100
235 61.7 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 116.493 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:330 Resp: 1119379
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 31.7 25.0 37.6

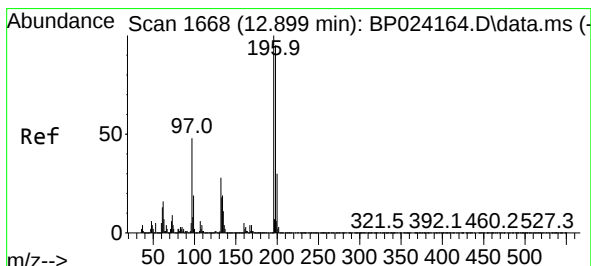
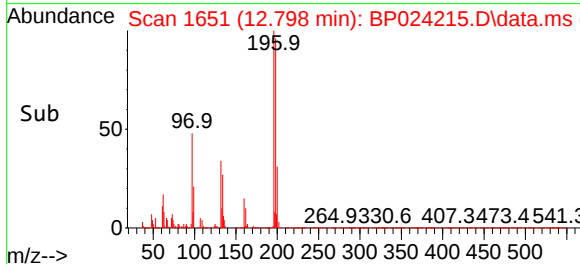
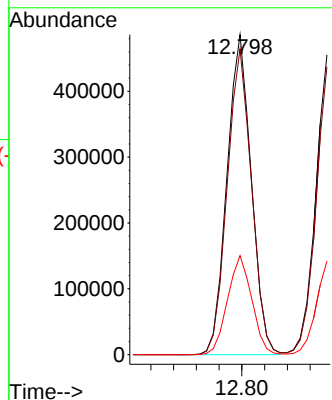
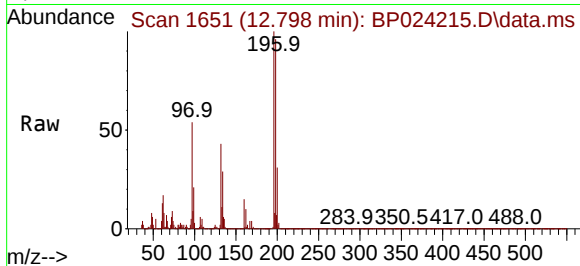




#43
2,4,6-Trichlorophenol
Concen: 51.468 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

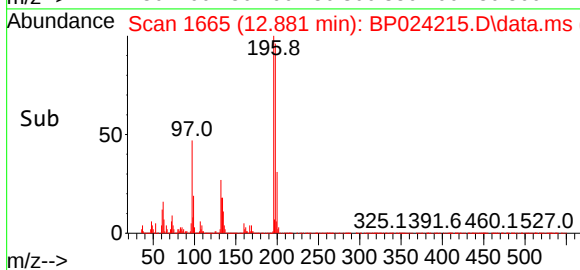
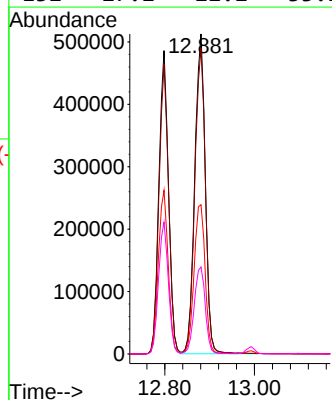
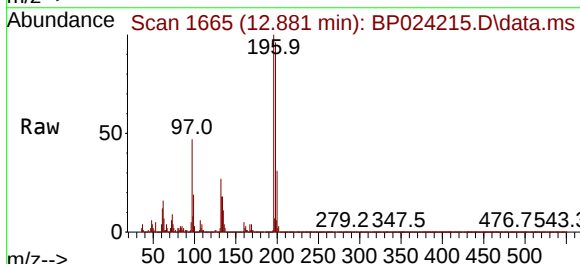
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

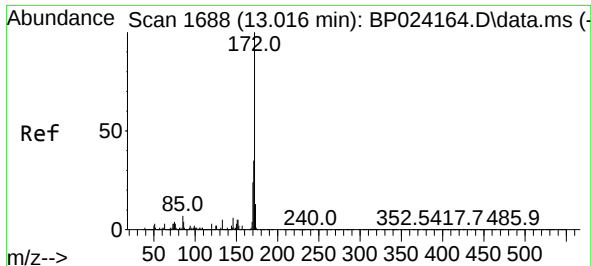
Tgt Ion:196 Resp: 721280
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 31.0 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 54.635 ng
RT: 12.881 min Scan# 1665
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:196 Resp: 839689
Ion Ratio Lower Upper
196 100
198 95.5 76.5 114.7
97 46.7 38.7 58.1
132 27.2 22.2 33.2

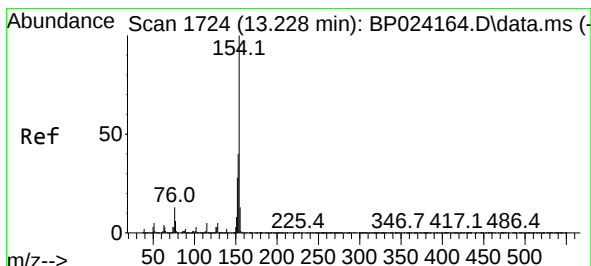
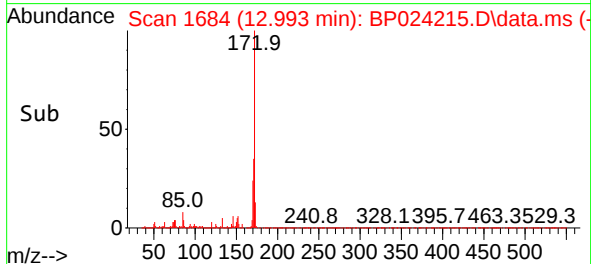
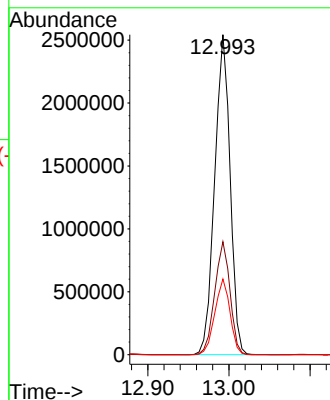
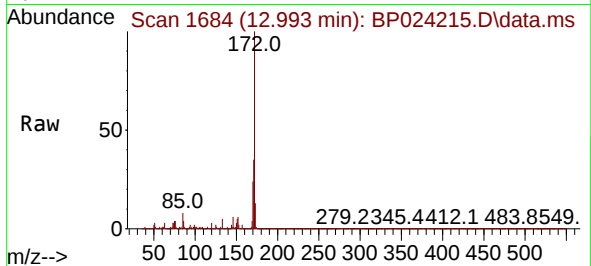




#45
2-Fluorobiphenyl
Concen: 64.851 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

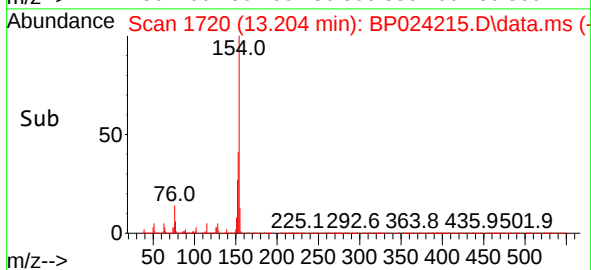
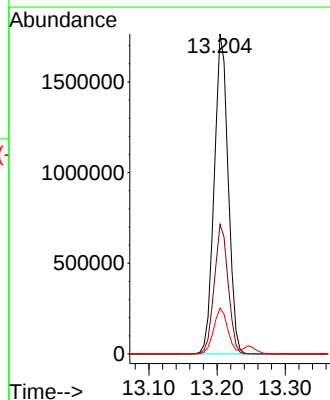
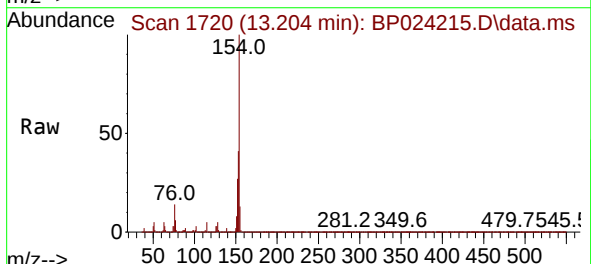
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

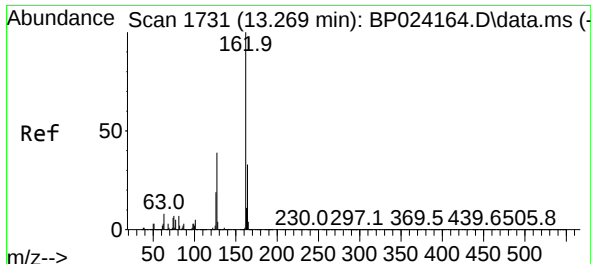
Tgt Ion:172 Resp: 3355075
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.835 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:154 Resp: 2512826
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 14.3 0.0 32.9

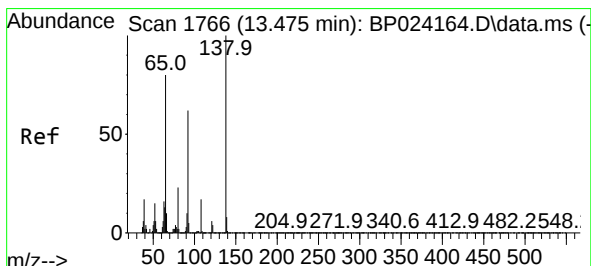
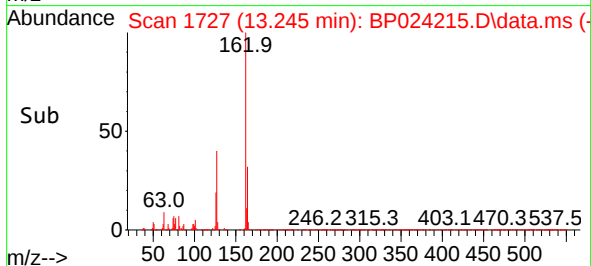
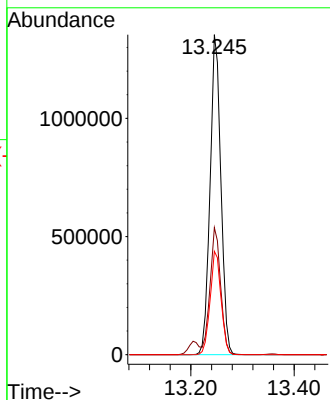
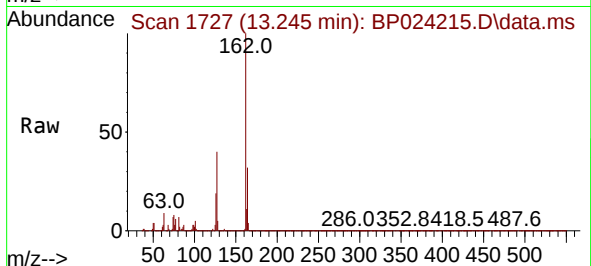




#47
2-Chloronaphthalene
Concen: 45.484 ng
RT: 13.245 min Scan# 1727
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

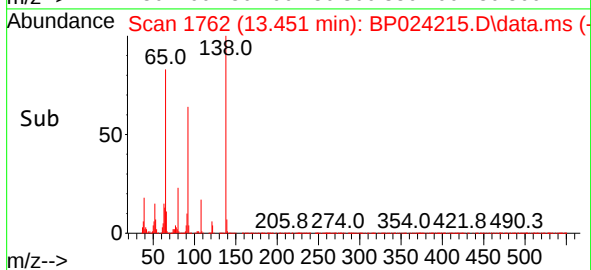
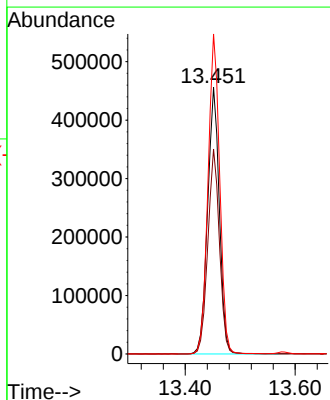
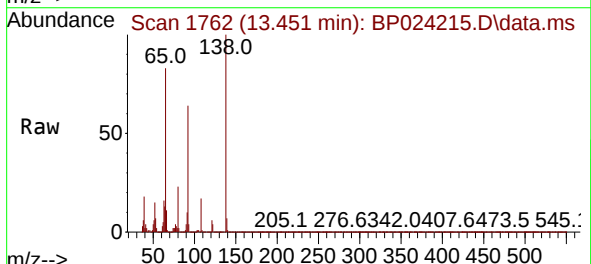
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

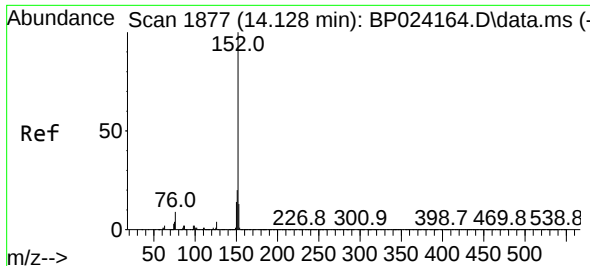
Tgt Ion:162 Resp: 1961170
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 32.3 26.6 39.8



#48
2-Nitroaniline
Concen: 61.279 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion: 65 Resp: 675800
Ion Ratio Lower Upper
65 100
92 76.9 62.1 93.1
138 120.1 99.5 149.3

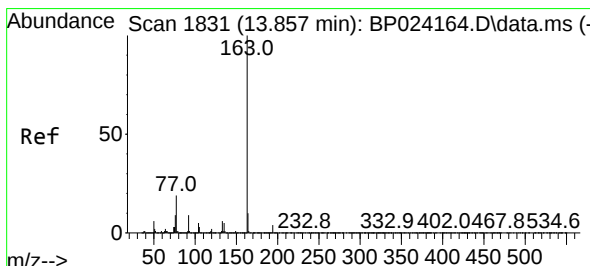
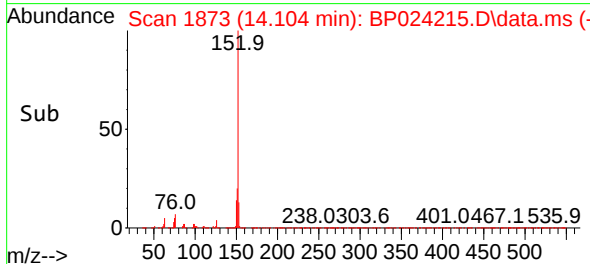
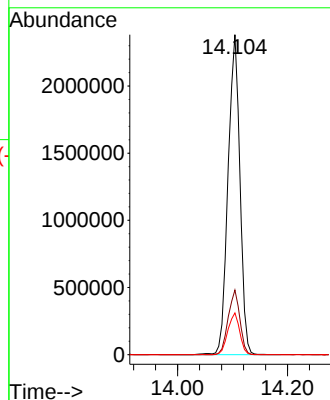
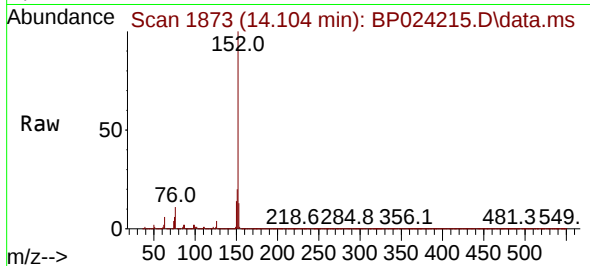




#49
Acenaphthylene
Concen: 54.657 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

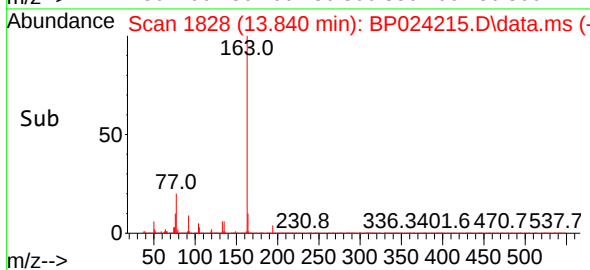
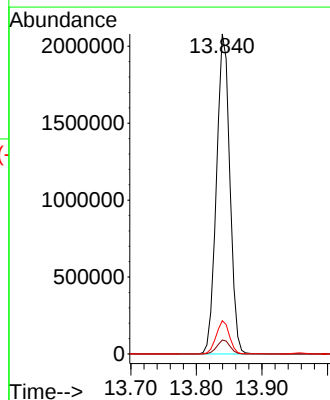
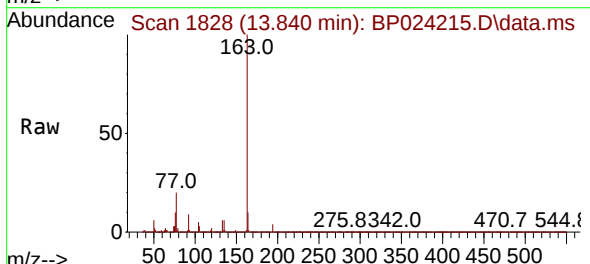
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

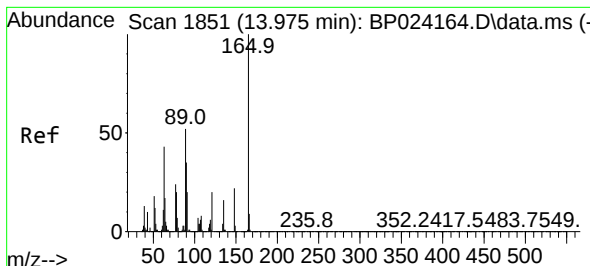
Tgt Ion:152 Resp: 3565962
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 55.036 ng
RT: 13.840 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:163 Resp: 2937674
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.2 12.4

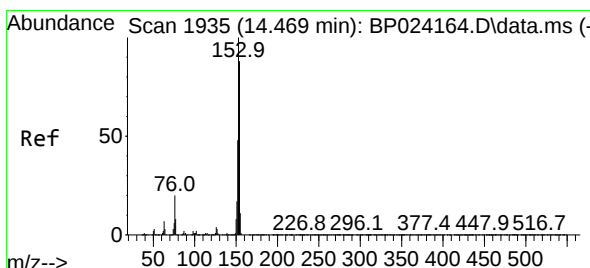
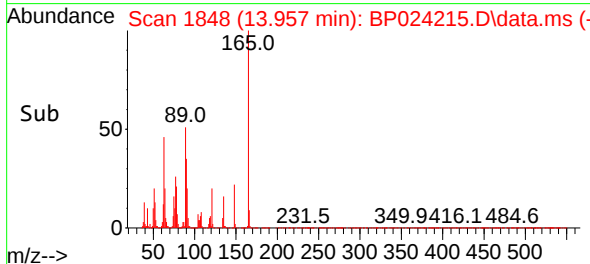
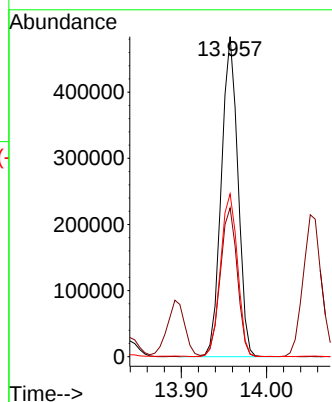
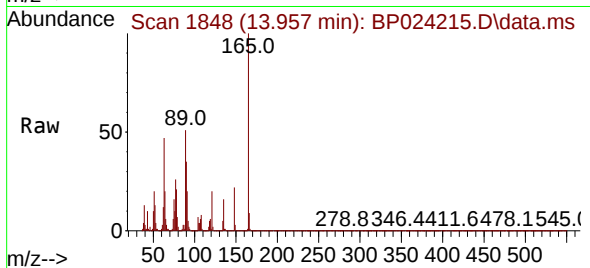




#51
2,6-Dinitrotoluene
Concen: 58.130 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

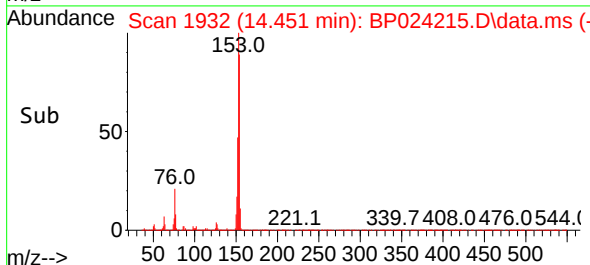
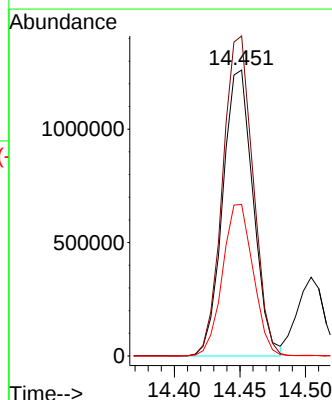
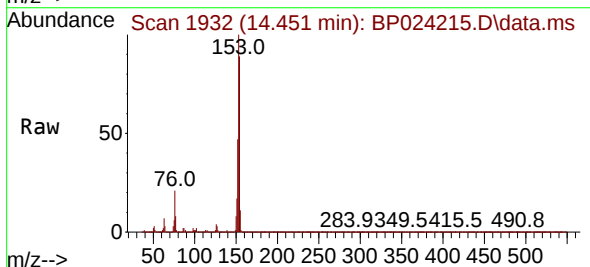
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

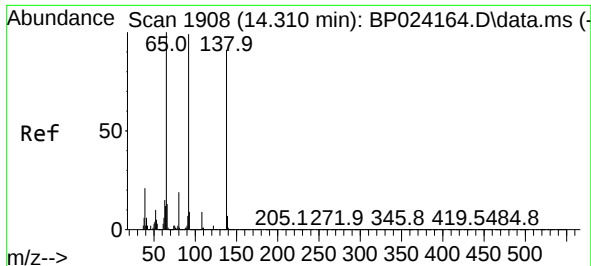
Tgt Ion:165 Resp: 652854
Ion Ratio Lower Upper
165 100
63 46.5 37.7 56.5
89 50.9 41.9 62.9



#52
Acenaphthene
Concen: 48.830 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:154 Resp: 2035472
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 53.0 43.1 64.7

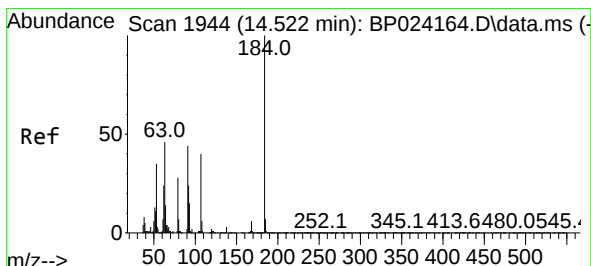
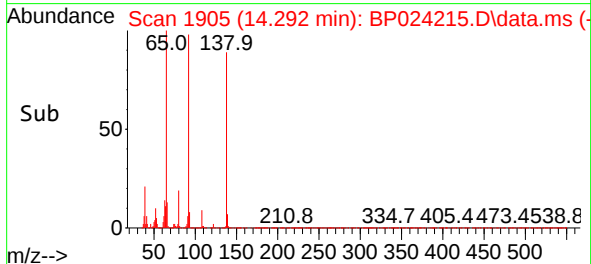
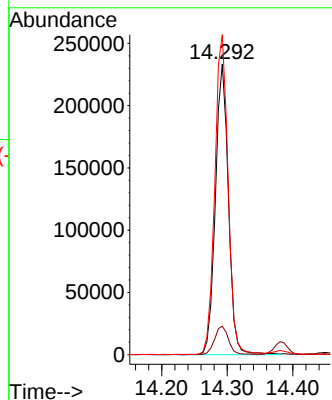
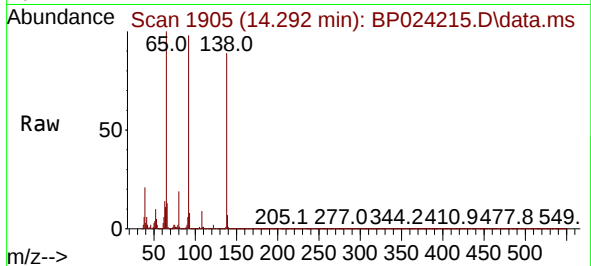




#53
3-Nitroaniline
Concen: 26.490 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

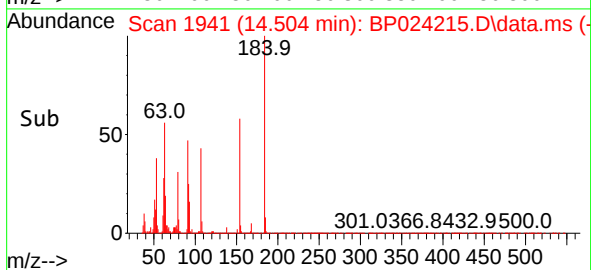
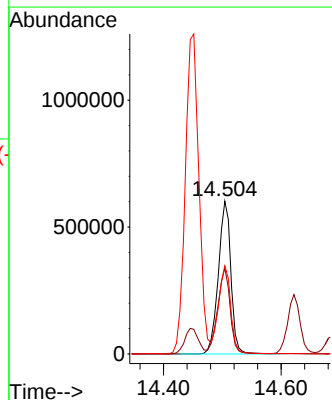
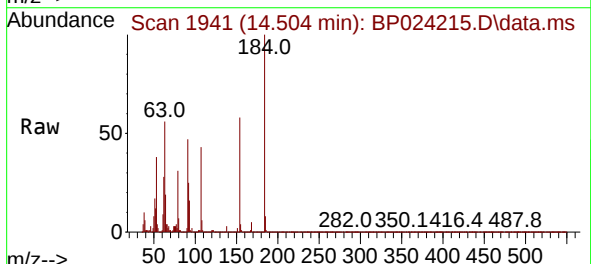
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

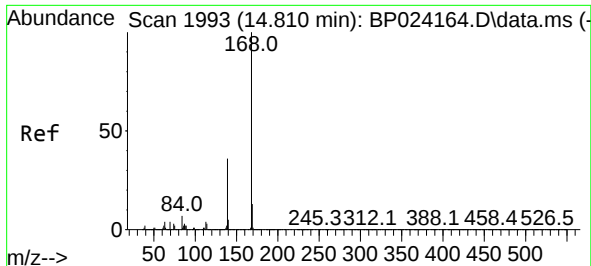
Tgt Ion:138 Resp: 321322
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 110.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 150.373 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:184 Resp: 893611
Ion Ratio Lower Upper
184 100
63 56.3 42.1 63.1
154 57.7 44.6 67.0

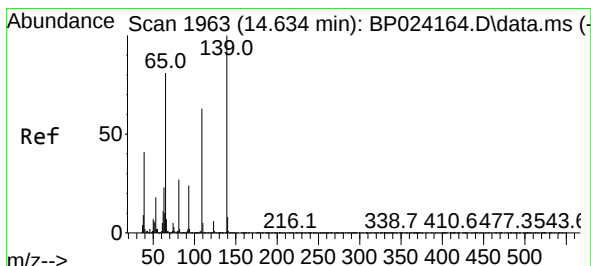
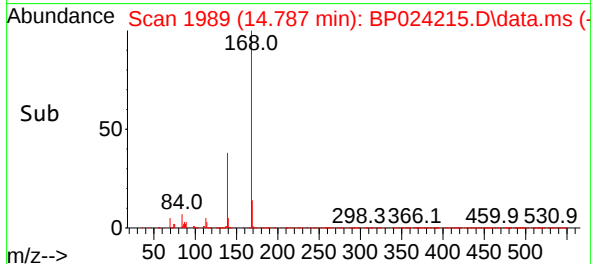
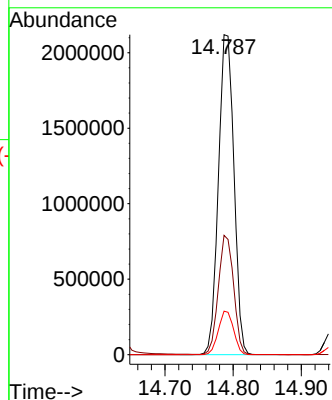
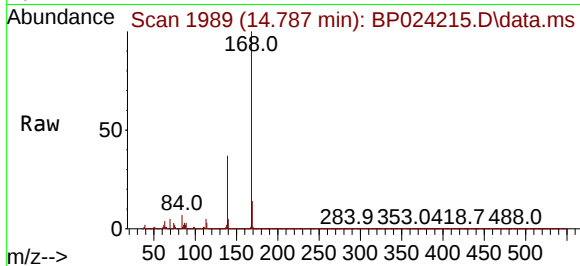




#55
Dibenzenofuran
Concen: 49.729 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.024 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

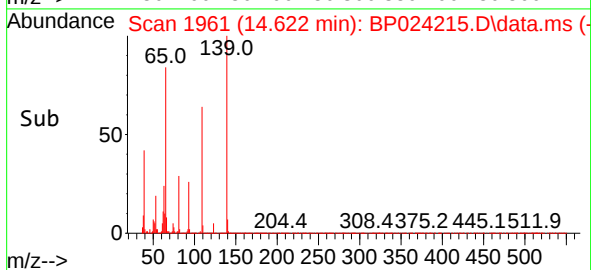
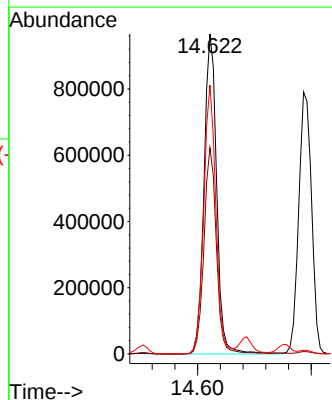
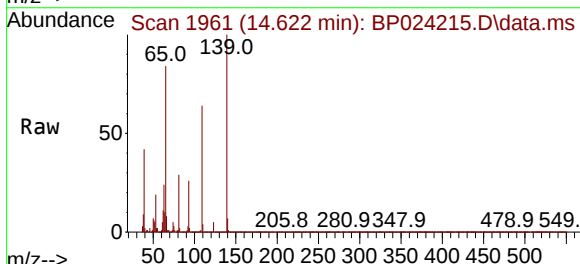
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

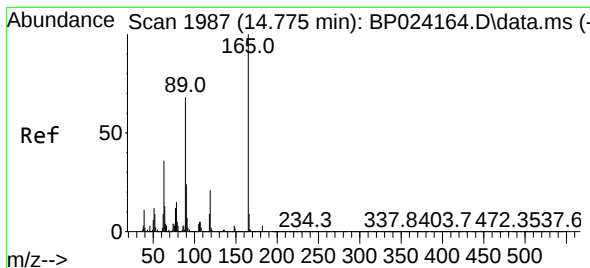
Tgt Ion:168 Resp: 3357814
Ion Ratio Lower Upper
168 100
139 37.3 29.1 43.7
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 146.742 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:139 Resp: 1487318
Ion Ratio Lower Upper
139 100
109 64.4 43.3 83.3
65 84.0 61.2 101.2



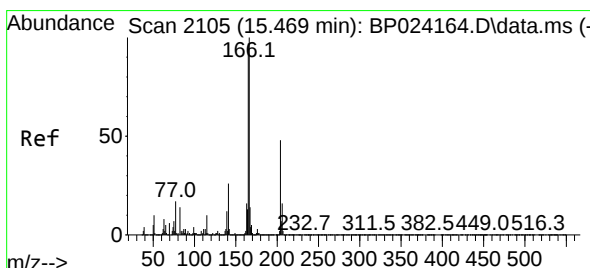
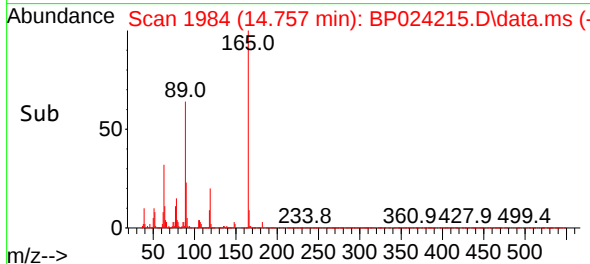
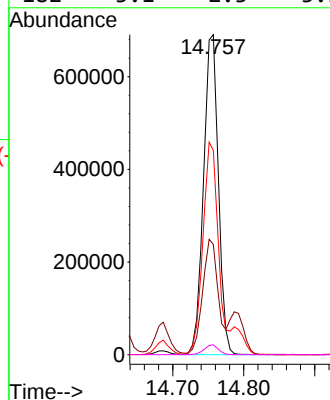
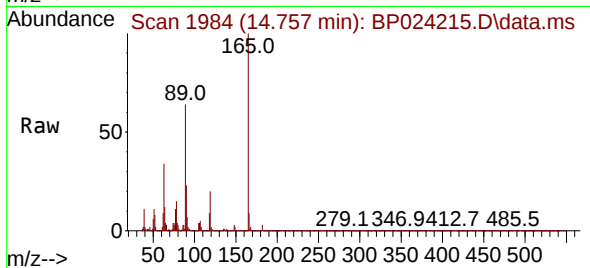


#57
2,4-Dinitrotoluene
Concen: 67.897 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

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

Tgt Ion:165 Resp: 1007246

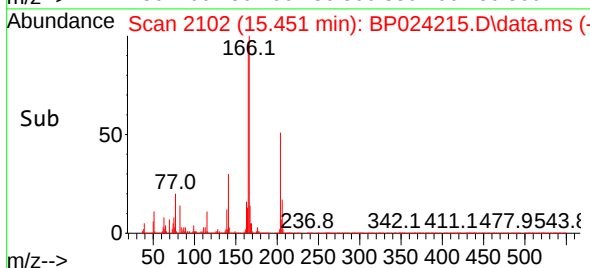
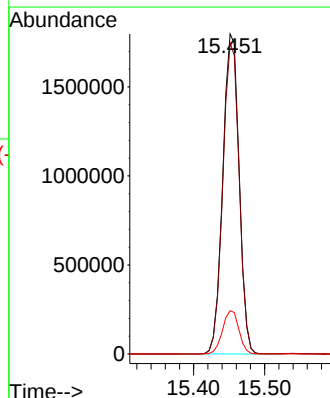
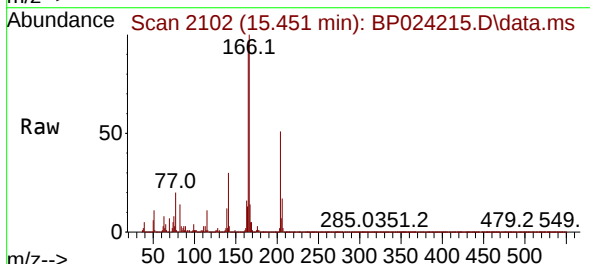
Ion	Ratio	Lower	Upper
165	100		
63	34.5	29.0	43.6
89	63.9	54.2	81.4
182	3.1	2.3	3.5

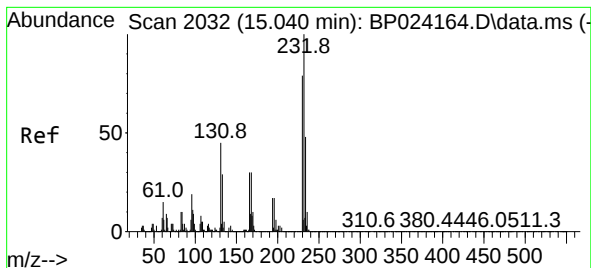


#58
Fluorene
Concen: 54.446 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:166 Resp: 2864315

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.5	10.8	16.2

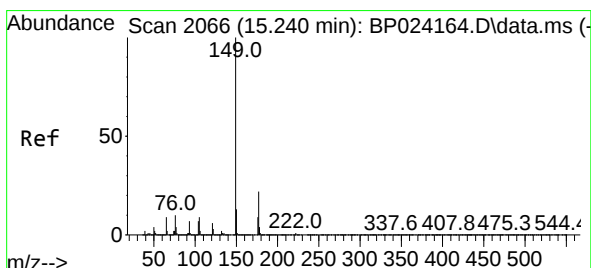
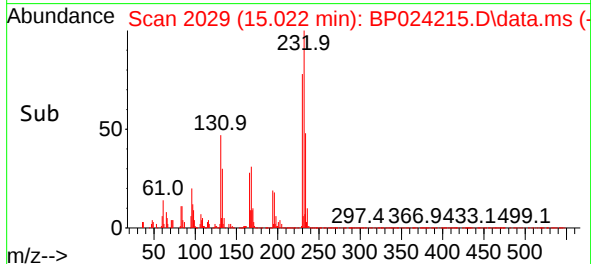
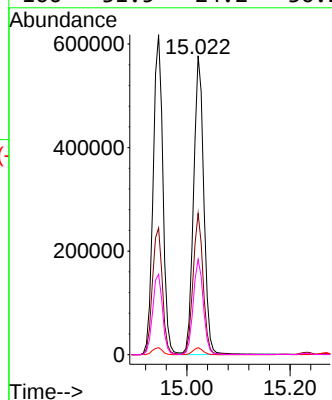
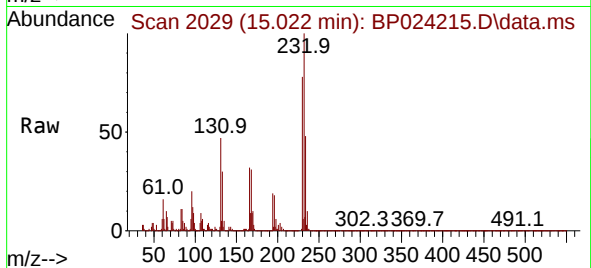




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.248 ng
RT: 15.022 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

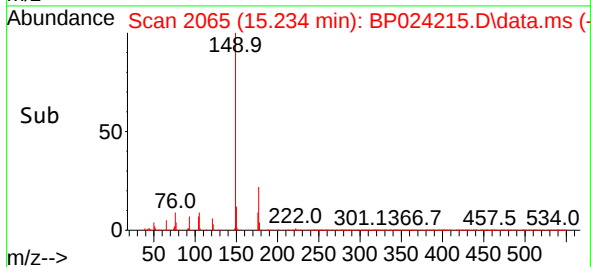
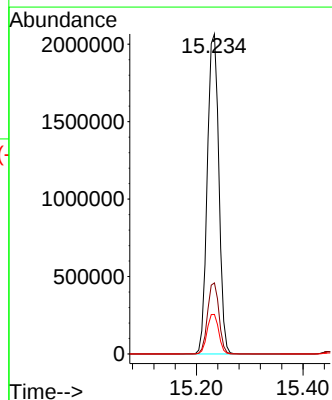
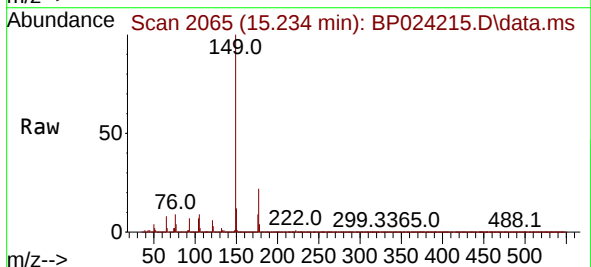
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

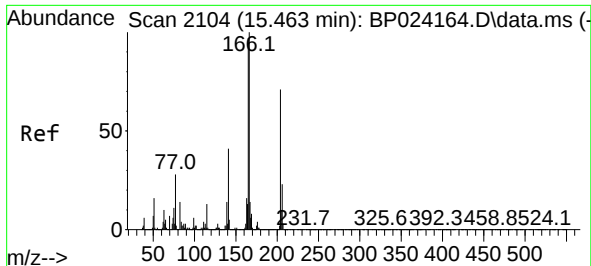
Tgt Ion:232 Resp: 790923
Ion Ratio Lower Upper
232 100
131 46.2 35.9 53.9
130 2.3 1.8 2.6
166 31.5 24.2 36.2



#60
Diethylphthalate
Concen: 58.124 ng
RT: 15.234 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:149 Resp: 3089588
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.4 10.2 15.4

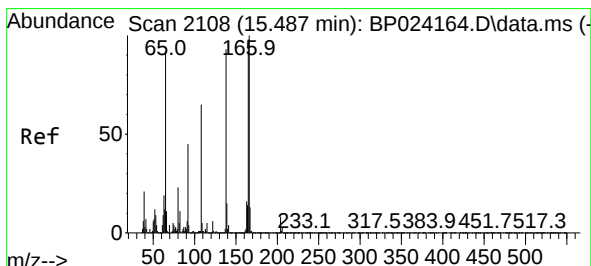
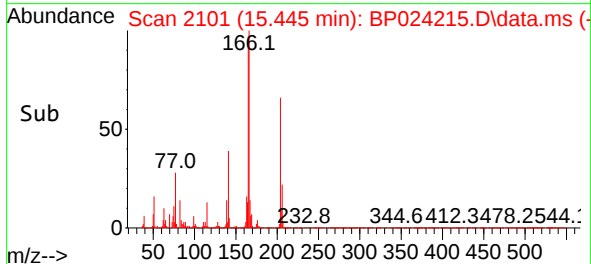
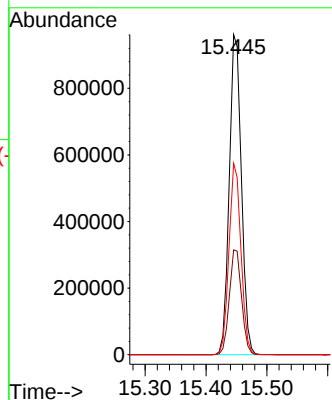
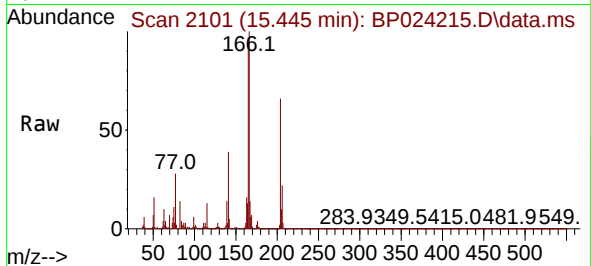




#61
4-Chlorophenyl-phenylether
Concen: 51.477 ng
RT: 15.445 min Scan# 2104
Delta R.T. -0.018 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

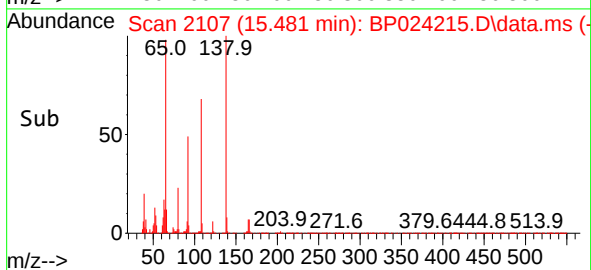
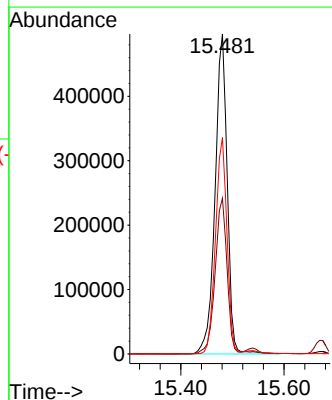
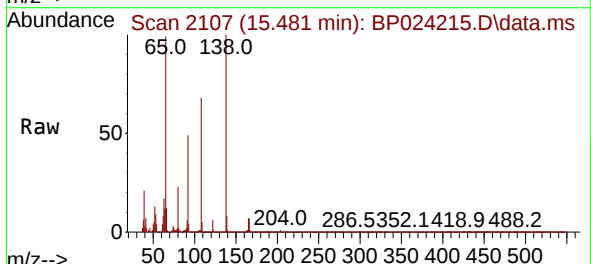
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

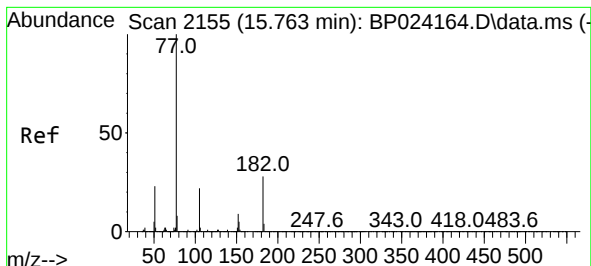
Tgt Ion:204 Resp: 1328275
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 59.8 45.8 68.8



#62
4-Nitroaniline
Concen: 63.725 ng
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:138 Resp: 810731
Ion Ratio Lower Upper
138 100
92 48.7 28.7 68.7
108 67.6 49.5 89.5





#63

Azobenzene

Concen: 67.216 ng

RT: 15.751 min Scan# 2153

Delta R.T. -0.012 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

Tgt Ion: 77 Resp: 3367536

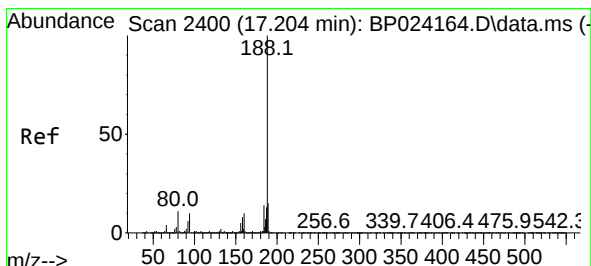
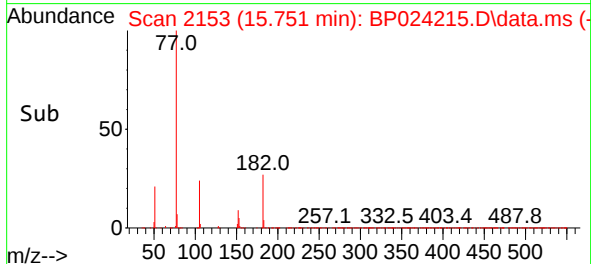
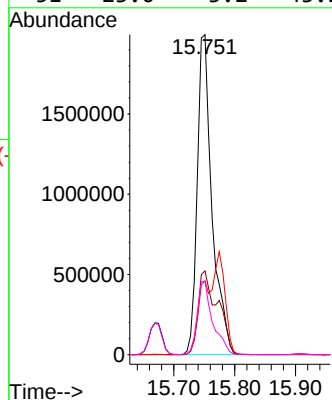
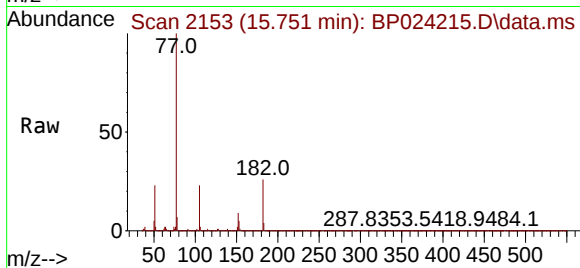
Ion Ratio Lower Upper

77 100

182 26.2 7.7 47.7

105 23.0 2.3 42.3

51 23.0 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

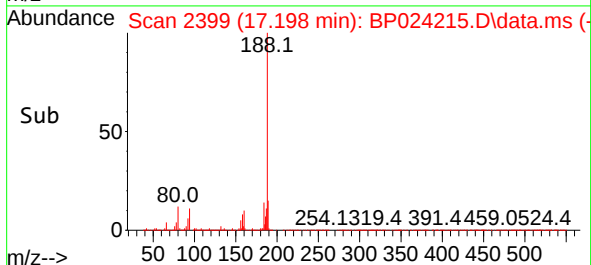
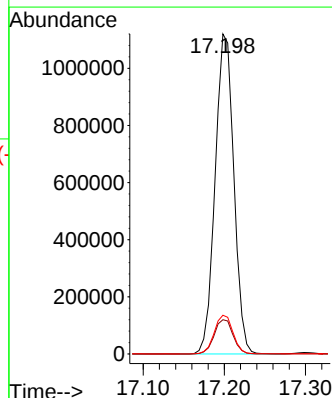
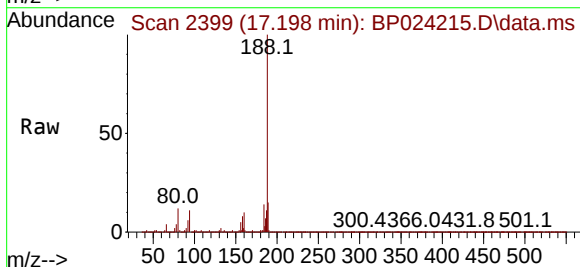
Tgt Ion:188 Resp: 1794508

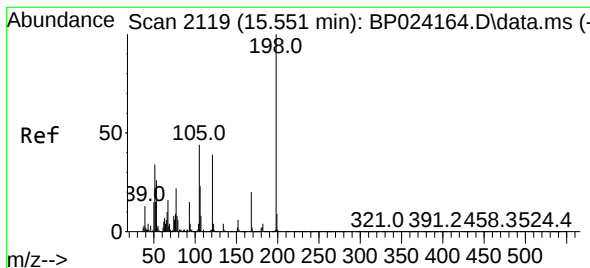
Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 12.1 8.9 13.3

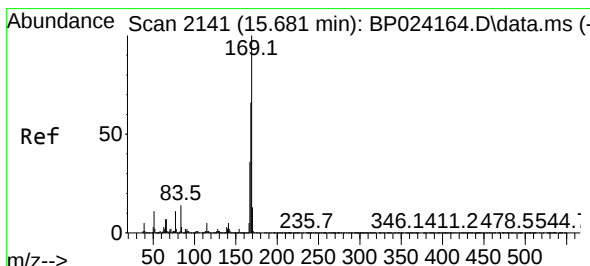
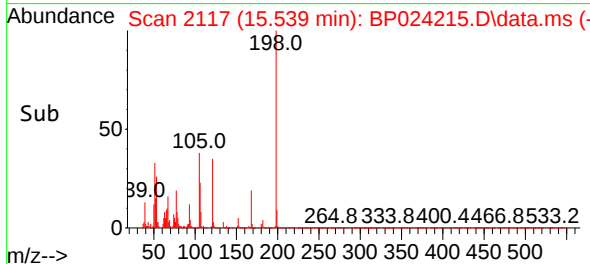
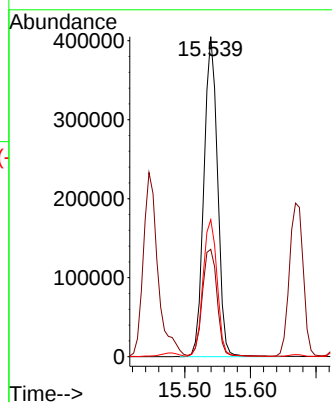
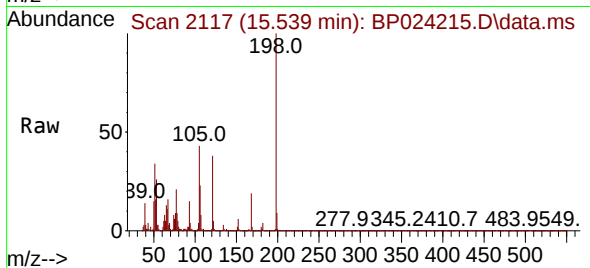




#65
4,6-Dinitro-2-methylphenol
Concen: 55.170 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

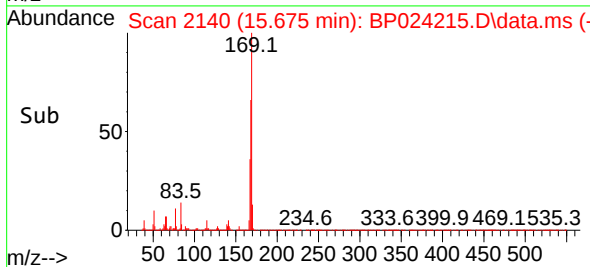
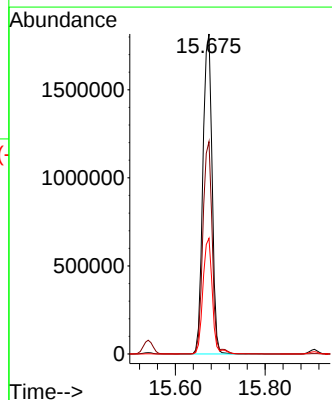
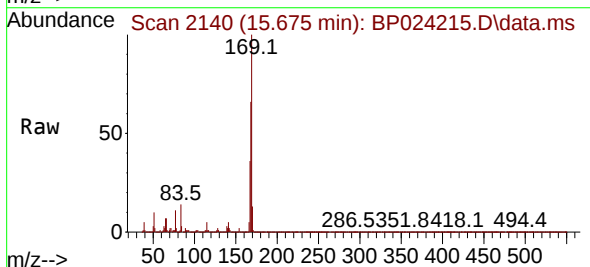
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

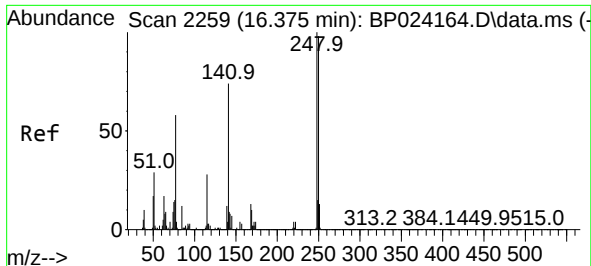
Tgt Ion:198 Resp: 587747
Ion Ratio Lower Upper
198 100
51 33.6 14.7 54.7
105 42.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 47.234 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:169 Resp: 2573931
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 36.2 28.8 43.2

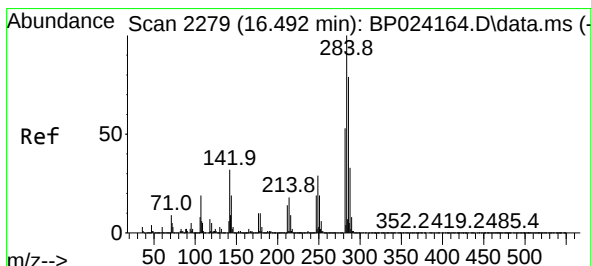
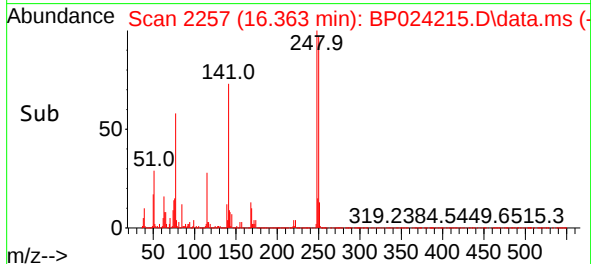
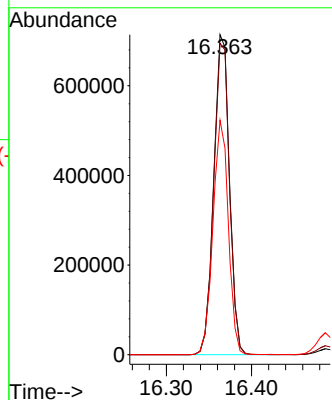
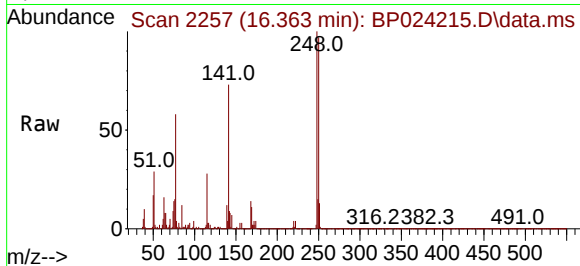




#67
4-Bromophenyl-phenylether
Concen: 46.357 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

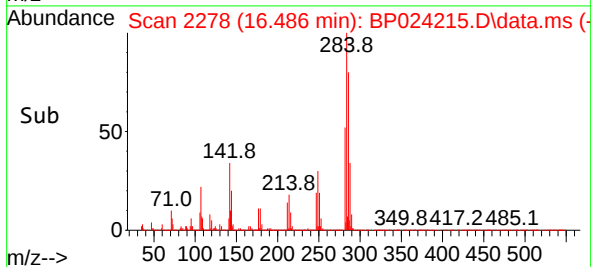
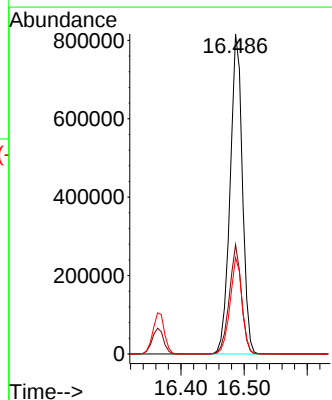
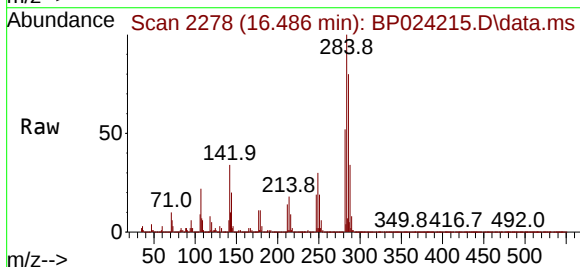
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

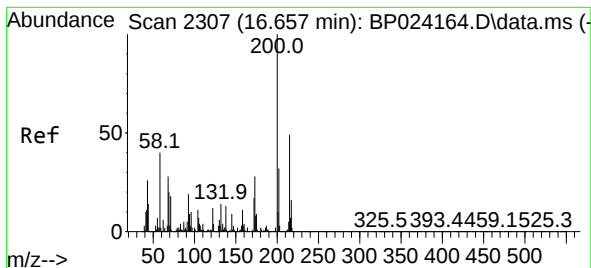
Tgt Ion:248 Resp: 913324
Ion Ratio Lower Upper
248 100
250 97.3 78.4 117.6
141 73.3 59.4 89.0



#68
Hexachlorobenzene
Concen: 47.134 ng
RT: 16.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:284 Resp: 1099127
Ion Ratio Lower Upper
284 100
142 34.2 25.4 38.2
249 30.1 23.5 35.3





#69

Atrazine

Concen: 76.429 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

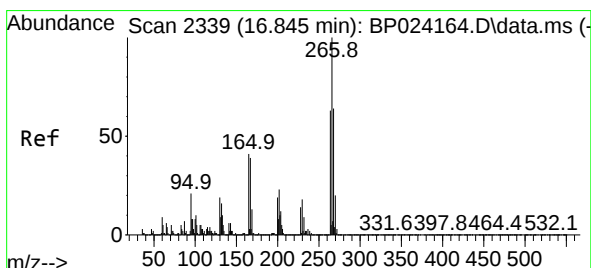
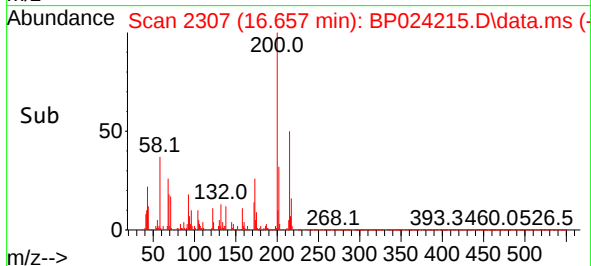
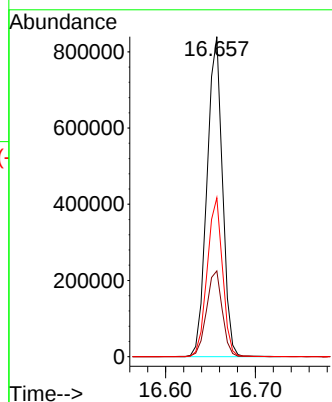
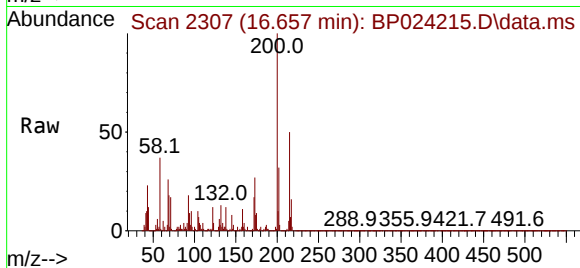
Tgt Ion:200 Resp: 1005262

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 49.7 29.0 69.0



#70

Pentachlorophenol

Concen: 113.249 ng

RT: 16.845 min Scan# 2339

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

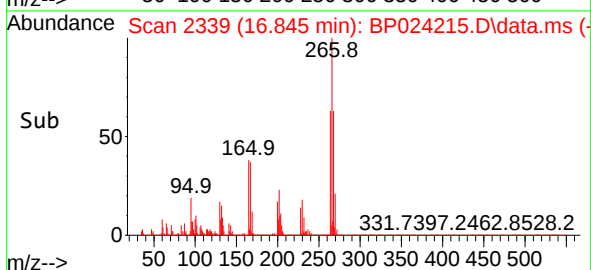
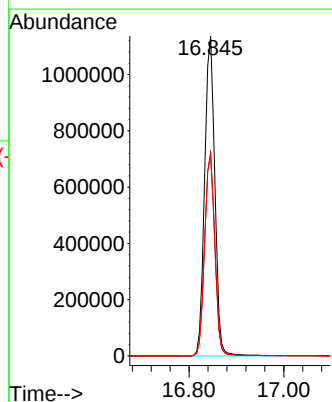
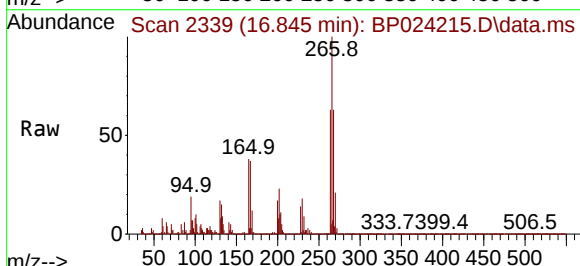
Tgt Ion:266 Resp: 1707835

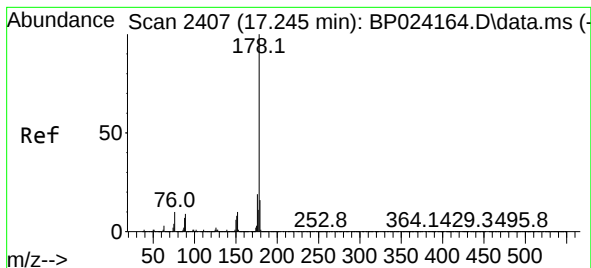
Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 50.526 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

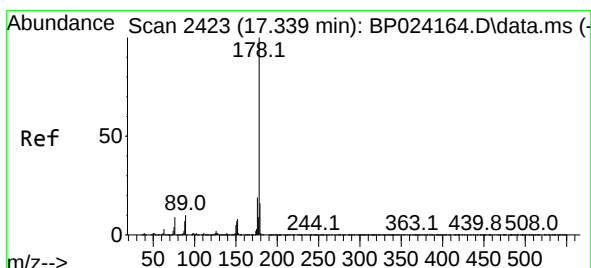
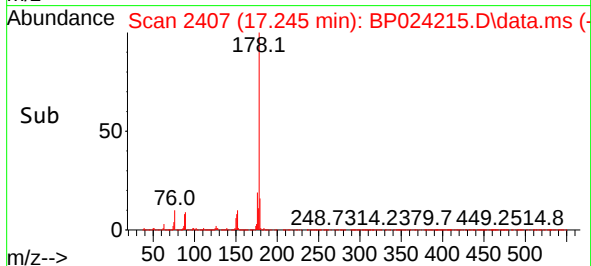
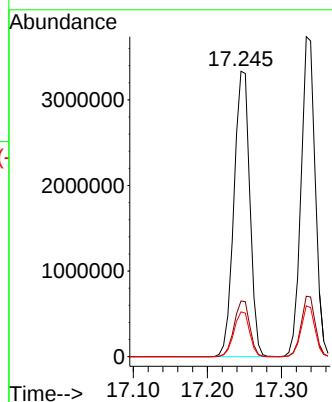
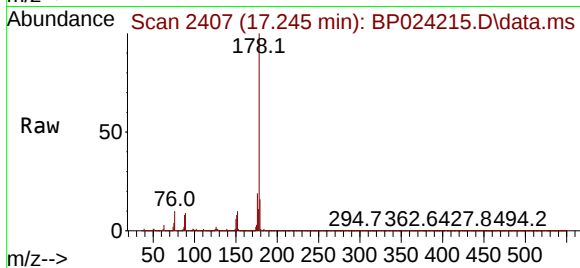
Tgt Ion:178 Resp: 4953242

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 52.255 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

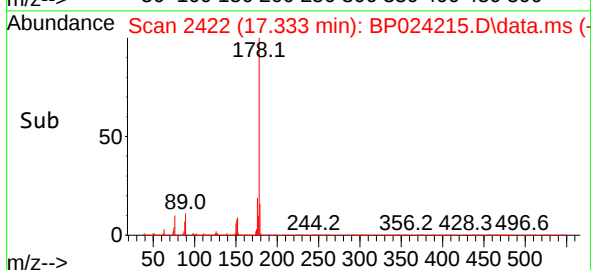
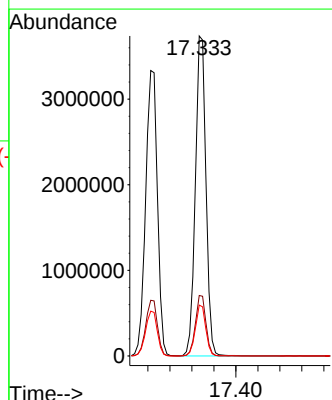
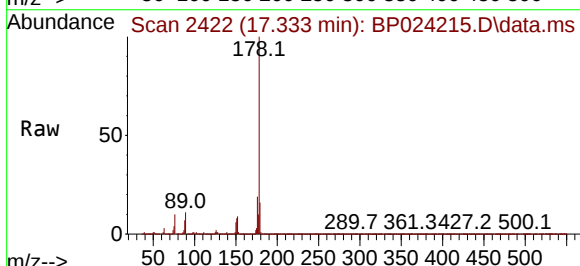
Tgt Ion:178 Resp: 4989330

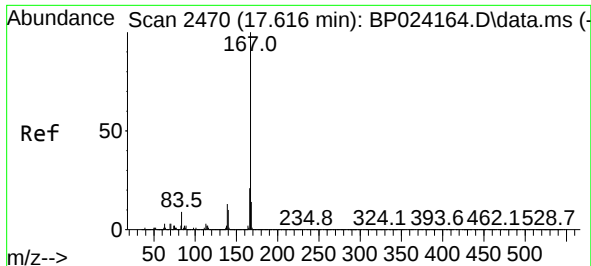
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.9 12.6 18.8

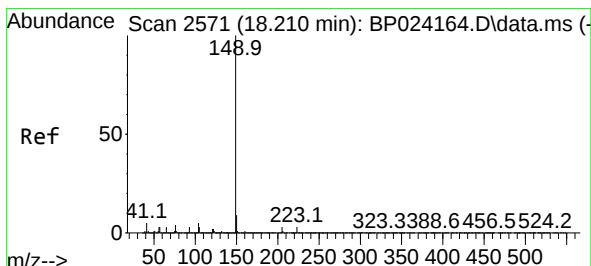
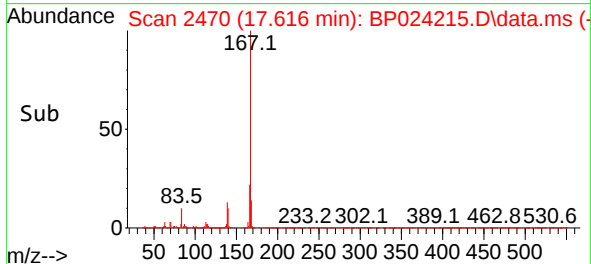
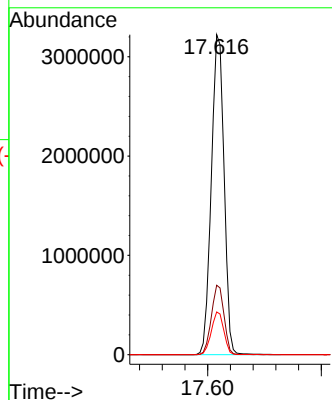
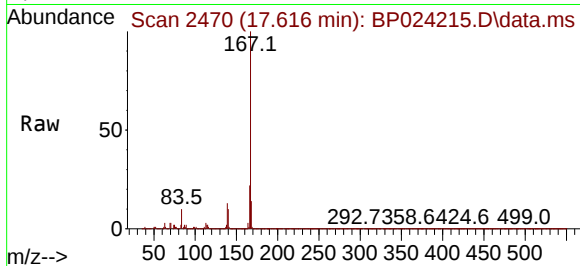




#73
 Carbazole
 Concen: 54.318 ng
 RT: 17.616 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BP024215.D
 Acq: 08 Apr 2025 16:26

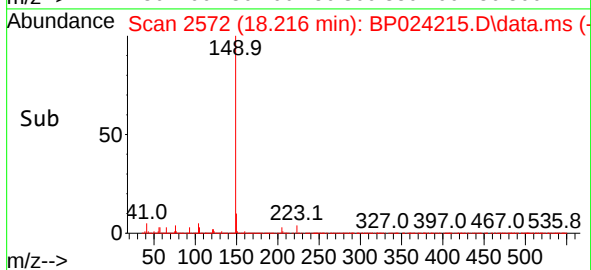
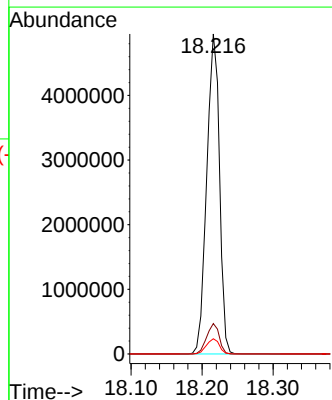
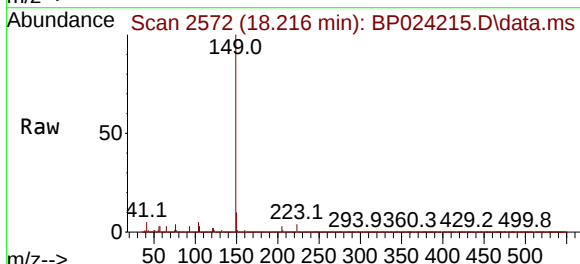
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MS

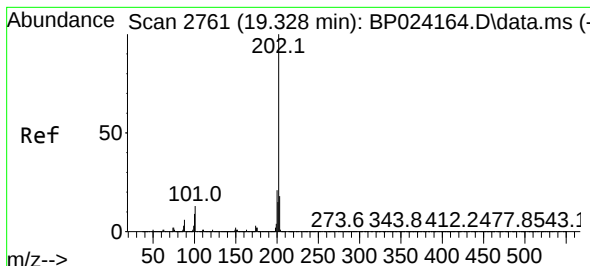
Tgt Ion:167 Resp: 5001527
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 56.454 ng
 RT: 18.216 min Scan# 2572
 Delta R.T. 0.006 min
 Lab File: BP024215.D
 Acq: 08 Apr 2025 16:26

Tgt Ion:149 Resp: 6170844
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 54.576 ng

RT: 19.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

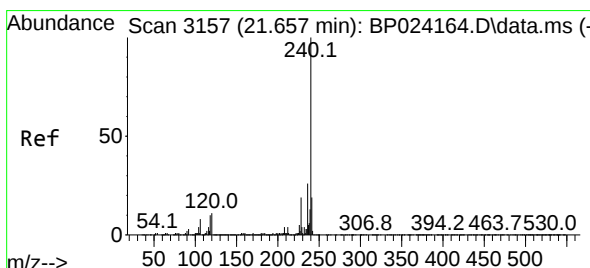
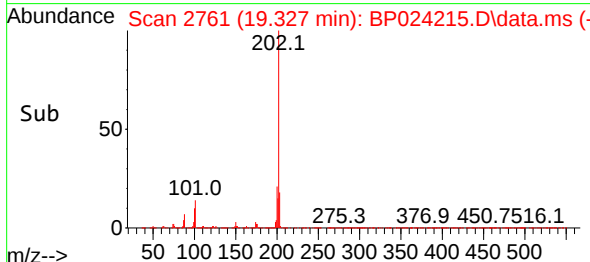
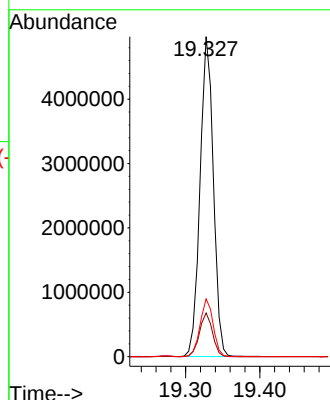
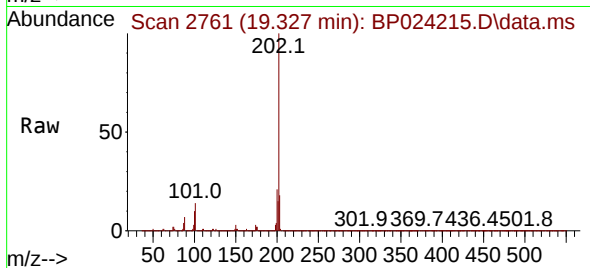
Tgt Ion:202 Resp: 6196533

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.5

203 18.1 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3157

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

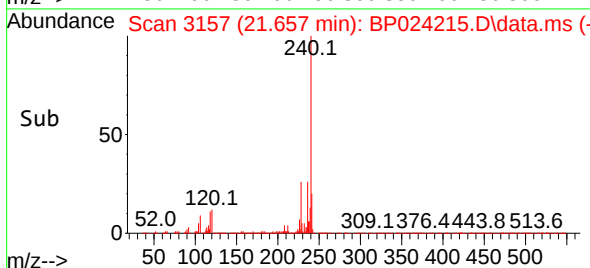
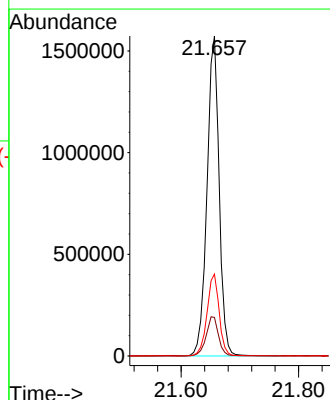
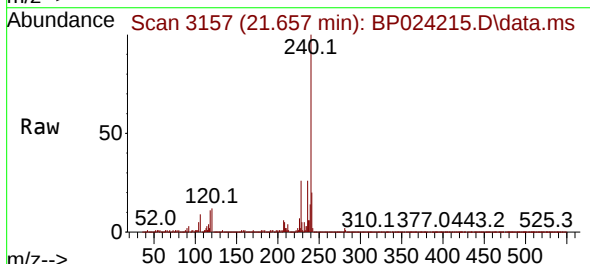
Tgt Ion:240 Resp: 2261003

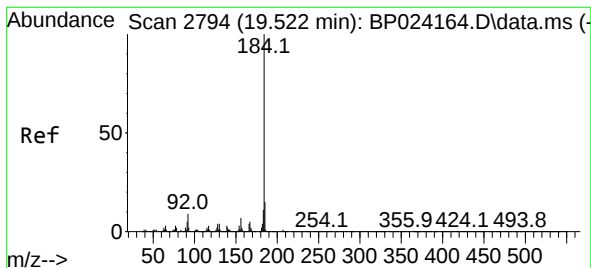
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.6 20.4 30.6





#77

Benzidine

Concen: 92.858 ng

RT: 19.522 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

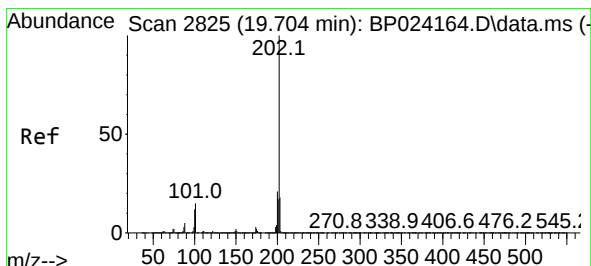
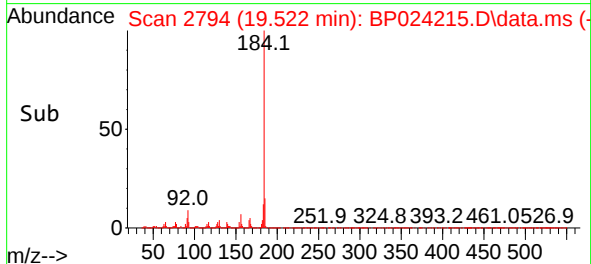
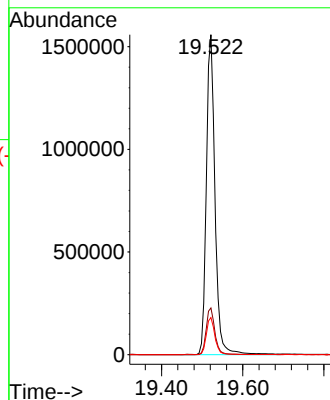
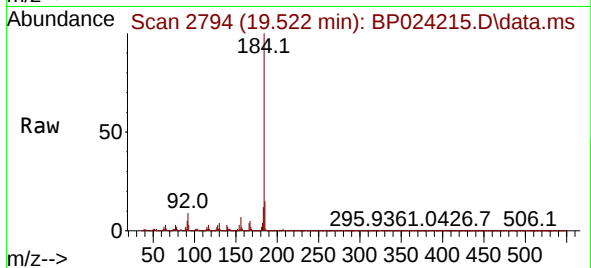
Tgt Ion:184 Resp: 2295485

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 11.6 9.1 13.7



#78

Pyrene

Concen: 45.918 ng

RT: 19.704 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

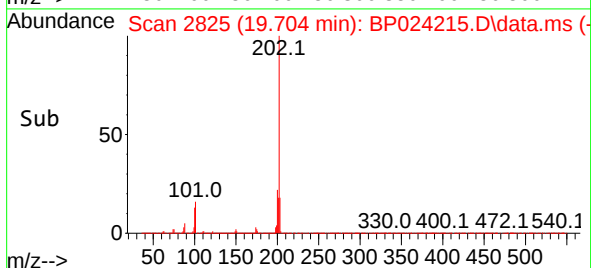
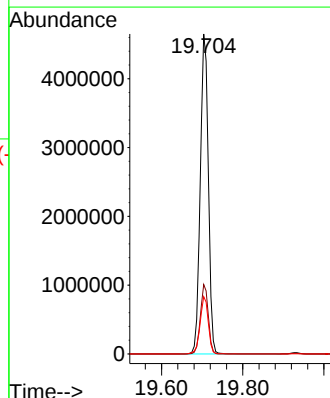
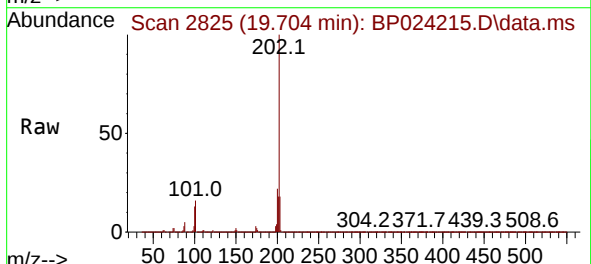
Tgt Ion:202 Resp: 6454420

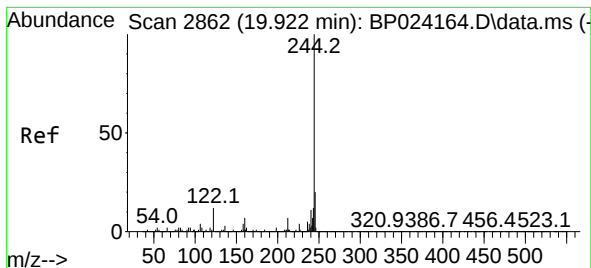
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 71.423 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

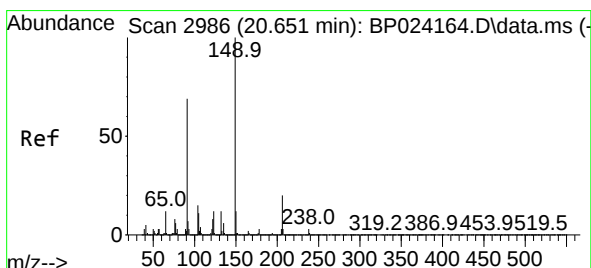
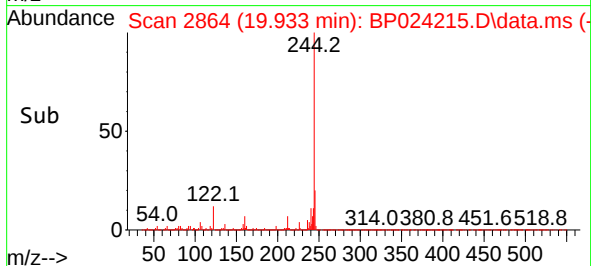
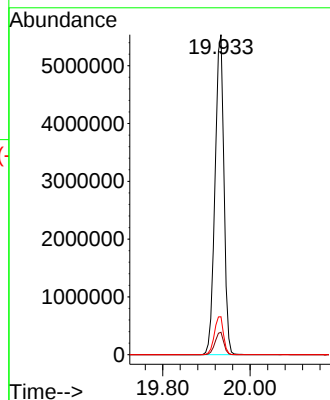
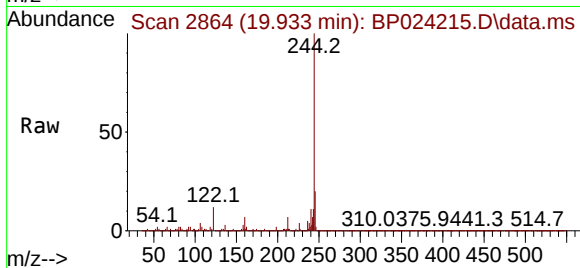
Tgt Ion:244 Resp: 7823137

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 55.291 ng

RT: 20.663 min Scan# 2988

Delta R.T. 0.012 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

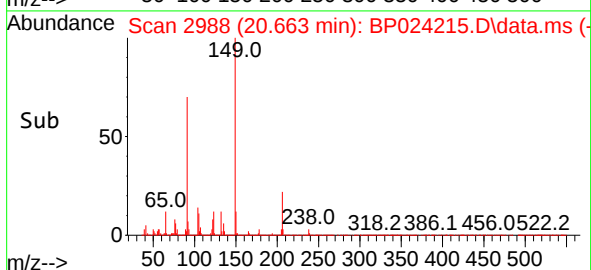
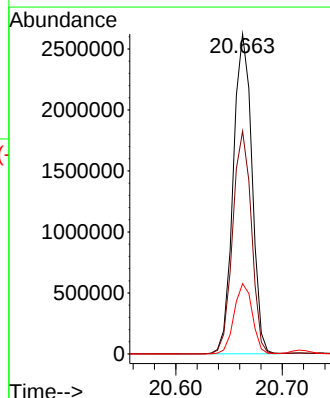
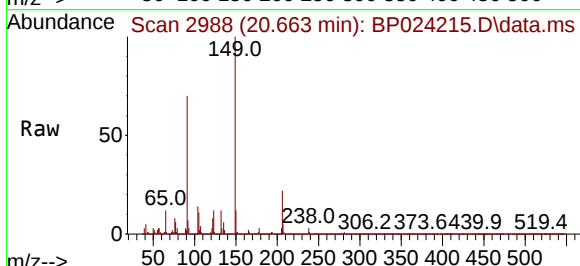
Tgt Ion:149 Resp: 3205014

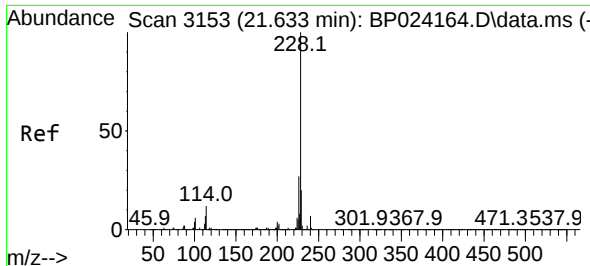
Ion Ratio Lower Upper

149 100

91 69.6 55.3 82.9

206 22.0 16.1 24.1

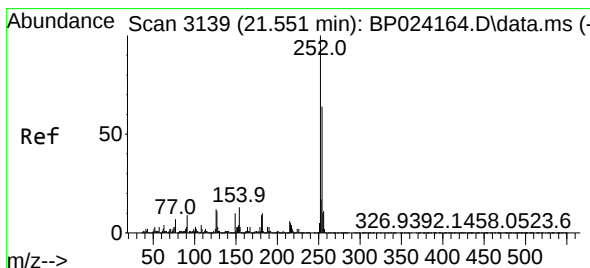
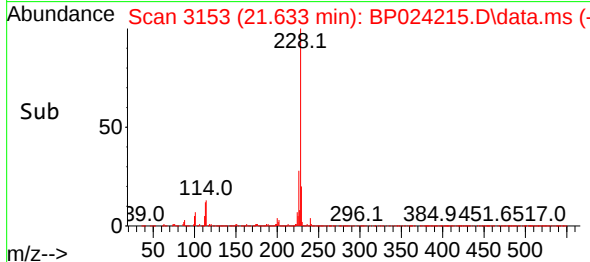
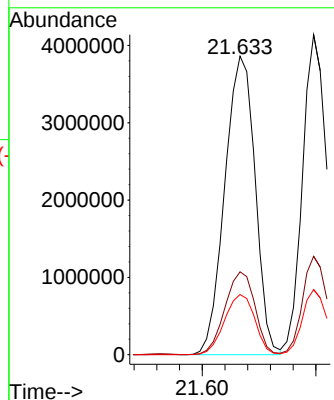
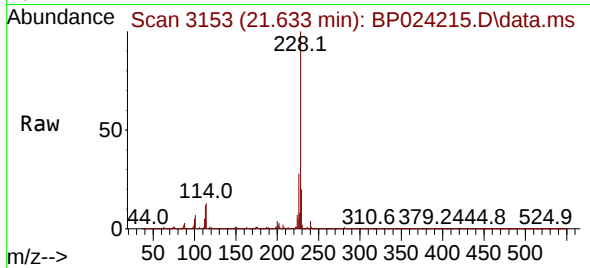




#81
Benzo(a)anthracene
Concen: 50.954 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

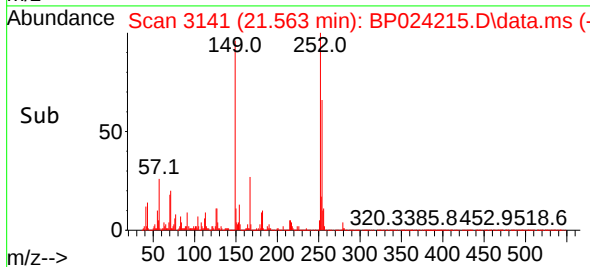
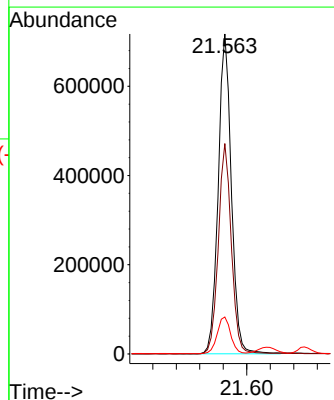
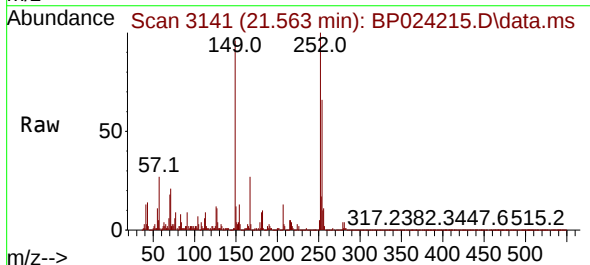
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

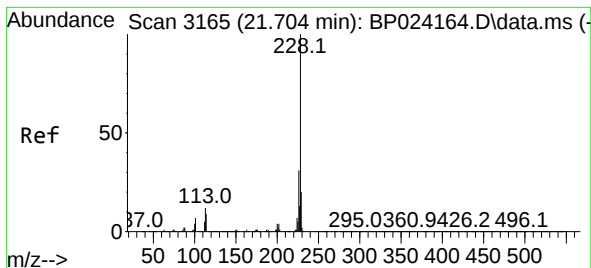
Tgt Ion:228 Resp: 7162766
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 23.570 ng
RT: 21.563 min Scan# 3141
Delta R.T. 0.012 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:252 Resp: 1110453
Ion Ratio Lower Upper
252 100
254 65.8 51.4 77.2
126 11.6 9.3 13.9





#83

Chrysene

Concen: 48.517 ng

RT: 21.698 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

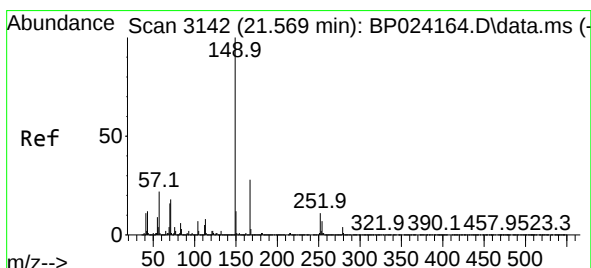
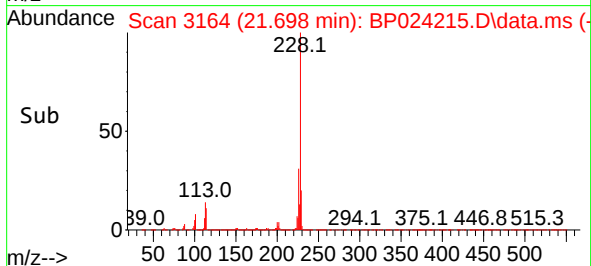
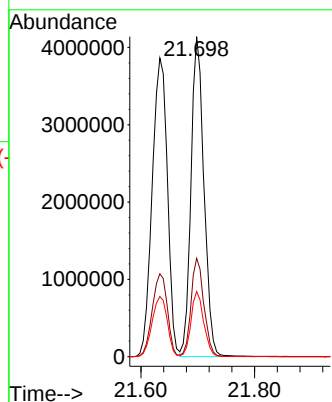
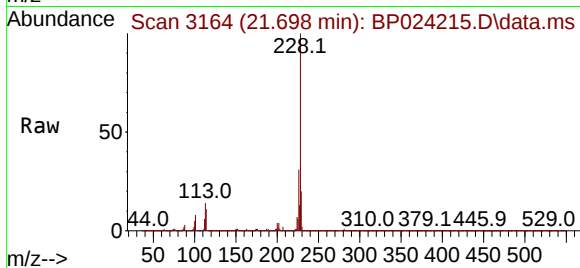
Tgt Ion:228 Resp: 6556297

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.454 ng

RT: 21.580 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

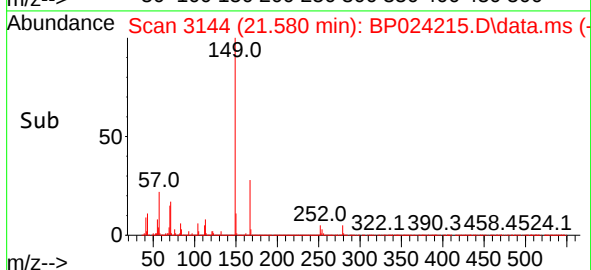
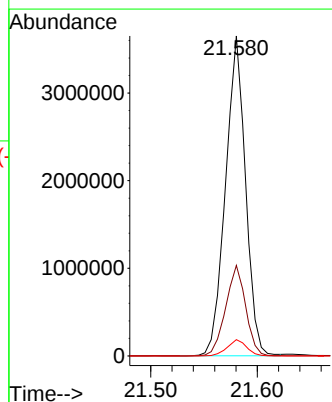
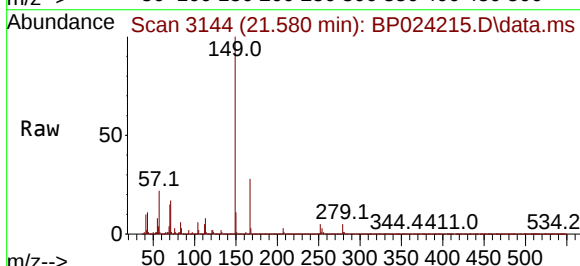
Tgt Ion:149 Resp: 4762918

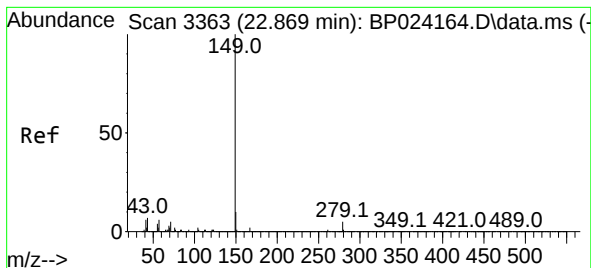
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 59.992 ng

RT: 22.880 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

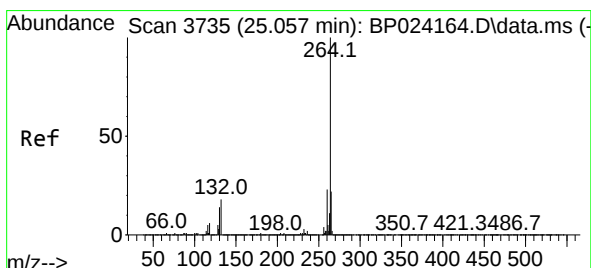
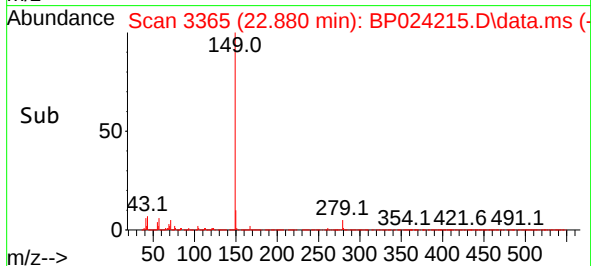
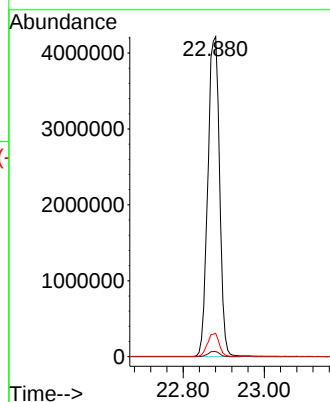
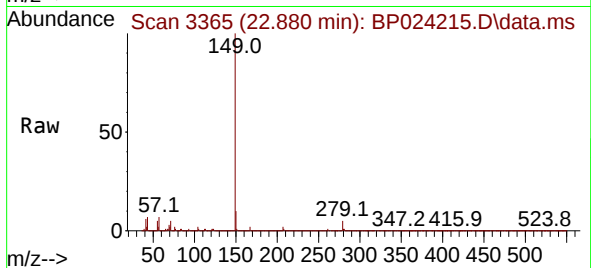
Tgt Ion:149 Resp: 8407133

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: 25.033 min Scan# 3731

Delta R.T. -0.024 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

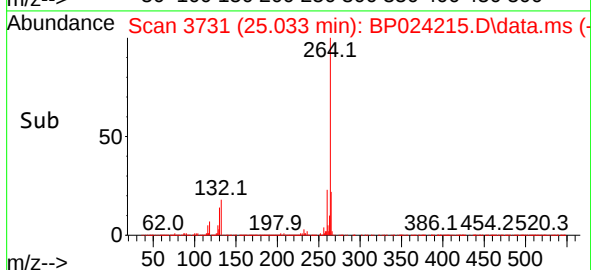
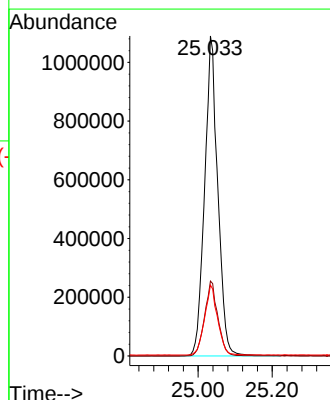
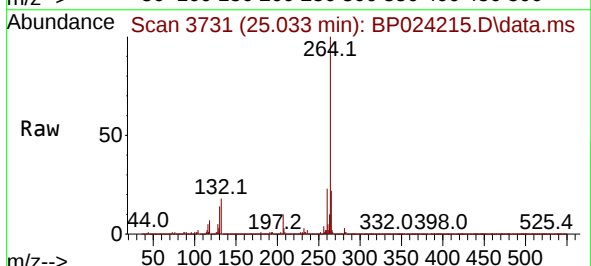
Tgt Ion:264 Resp: 2684251

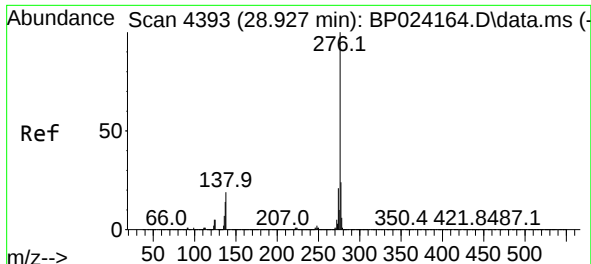
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.2 17.7 26.5

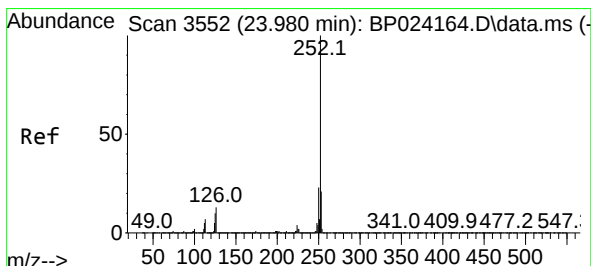
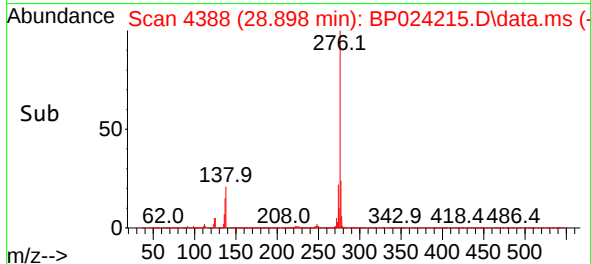
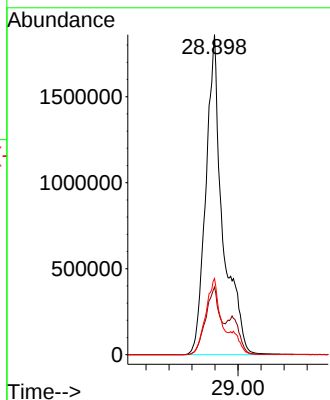
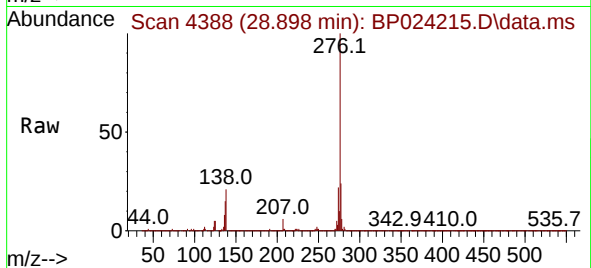




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.503 ng
RT: 28.898 min Scan# 41
Delta R.T. -0.030 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

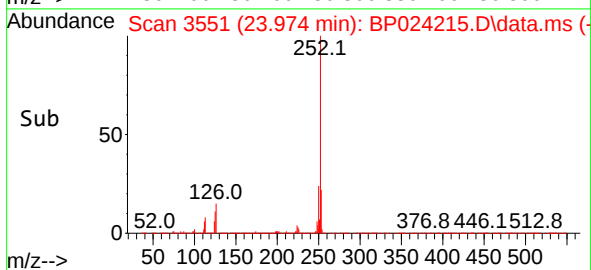
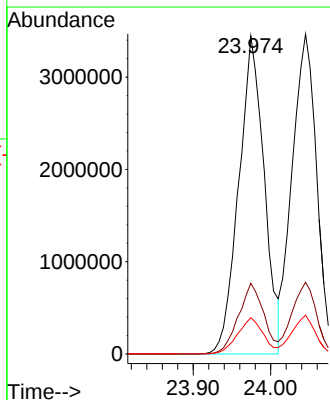
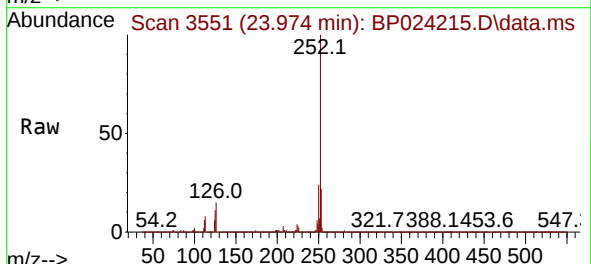
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

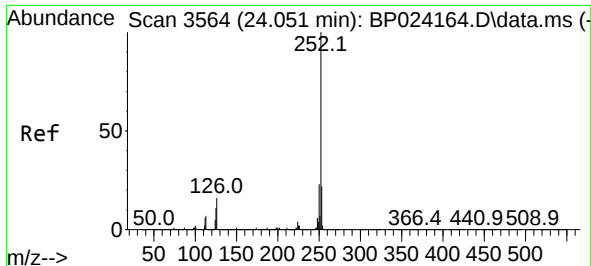
Tgt Ion:276 Resp: 9461136
Ion Ratio Lower Upper
276 100
138 18.5 13.7 20.5
277 21.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.541 ng
RT: 23.974 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:252 Resp: 7856093
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.4 8.2 12.4

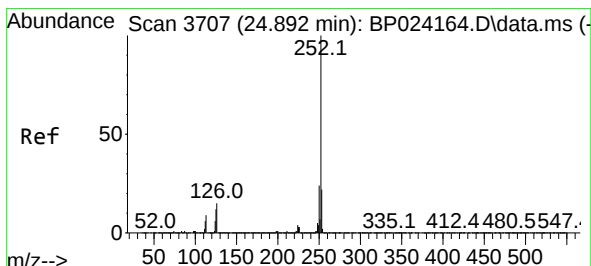
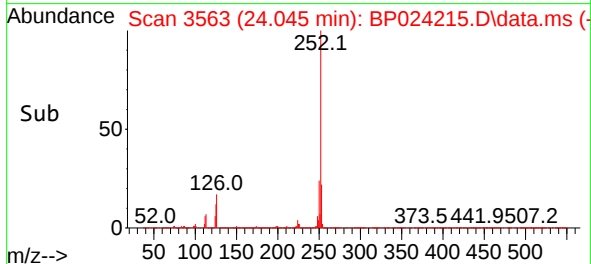
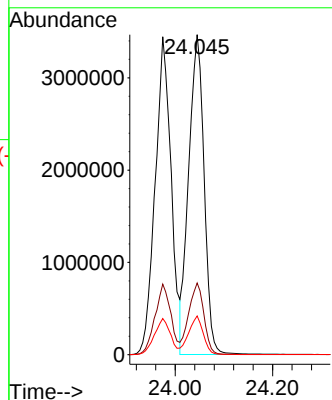
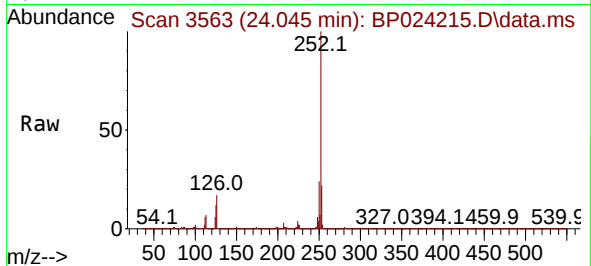




#89
Benzo(k)fluoranthene
Concen: 48.311 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

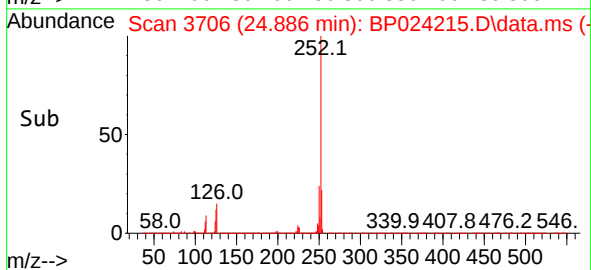
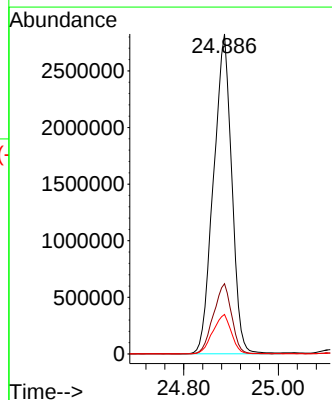
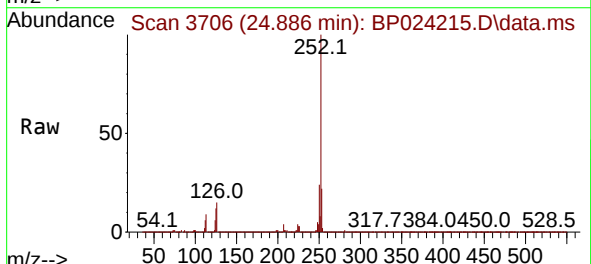
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

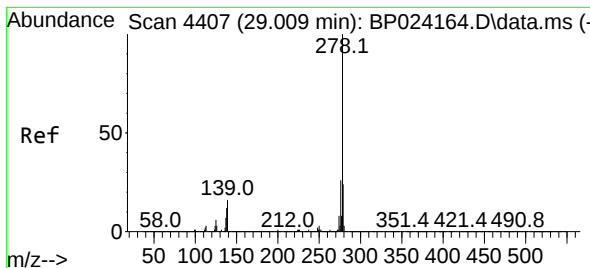
Tgt Ion:252 Resp: 7648352
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 53.560 ng
RT: 24.886 min Scan# 3706
Delta R.T. -0.006 min
Lab File: BP024215.D
Acq: 08 Apr 2025 16:26

Tgt Ion:252 Resp: 7537725
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.4 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 49.550 ng

RT: 28.980 min Scan# 4407

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MS

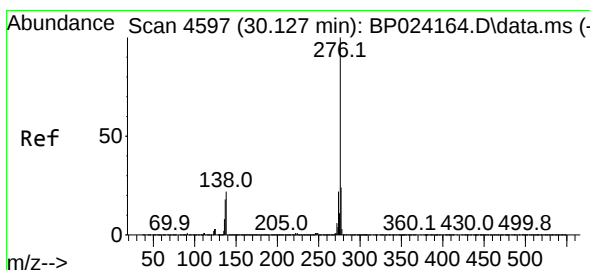
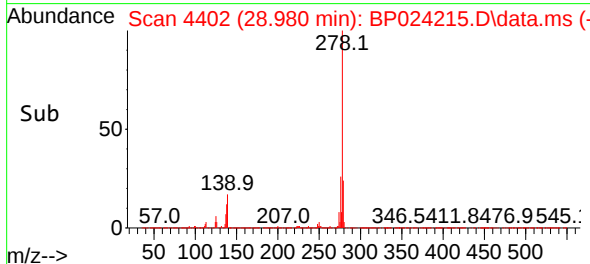
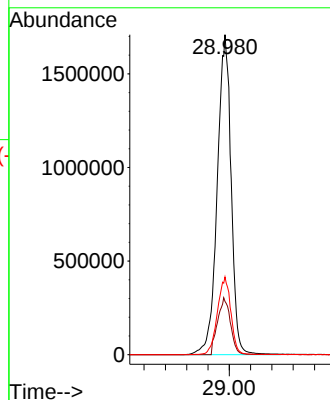
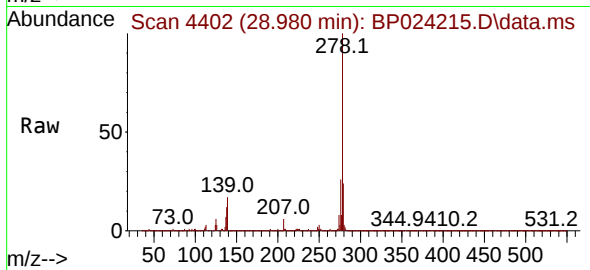
Tgt Ion:278 Resp: 7722715

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 47.261 ng

RT: 30.097 min Scan# 4592

Delta R.T. -0.030 min

Lab File: BP024215.D

Acq: 08 Apr 2025 16:26

Tgt Ion:276 Resp: 7487891

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 23.3 17.4 26.2

