

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024216.D
 Acq On : 08 Apr 2025 17:07
 Operator : RC/JU
 Sample : Q1730-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 08 18:29:09 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	380397	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1449915	20.000	ng	-0.03
39) Acenaphthene-d10	14.375	164	839080	20.000	ng	-0.03
64) Phenanthrene-d10	17.192	188	1580328	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1682505	20.000	ng	0.00
86) Perylene-d12	25.027	264	1850740	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2367585	99.352	ng	-0.02
7) Phenol-d6	6.922	99	3130379	98.232	ng	-0.03
23) Nitrobenzene-d5	8.893	82	1836191	71.452	ng	-0.03
42) 2,4,6-Tribromophenol	15.904	330	1027917	97.255	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4111962	72.260	ng	-0.03
79) Terphenyl-d14	19.916	244	6222833	76.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	432478	45.784	ng	98
3) Pyridine	3.693	79	1148465	44.474	ng	98
4) n-Nitrosodimethylamine	3.605	42	393821	45.654	ng	93
6) Aniline	7.075	93	917836	31.613	ng	99
8) 2-Chlorophenol	7.311	128	1240499	48.193	ng	99
9) Benzaldehyde	6.887	77	686585	44.646	ng	97
10) Phenol	6.946	94	1556681	48.389	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1177449	46.412	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1327658	47.830	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1339287	47.255	ng	99
14) 1,2-Dichlorobenzene	8.087	146	1281491	47.119	ng	99
15) Benzyl Alcohol	7.981	79	981332	48.641	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1277718	49.347	ng	98
17) 2-Methylphenol	8.181	107	999051	49.524	ng	100
18) Hexachloroethane	8.810	117	487778	48.511	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	844945	45.704	ng	100
20) 3+4-Methylphenols	8.511	107	1339818	48.343	ng	99
22) Acetophenone	8.558	105	1724781	47.052	ng	# 99
24) Nitrobenzene	8.934	77	1237531	48.816	ng	100
25) Isophorone	9.458	82	2319434	52.653	ng	99
26) 2-Nitrophenol	9.640	139	620425	51.235	ng	98
27) 2,4-Dimethylphenol	9.705	122	1066285	68.478	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1515014	48.887	ng	100
29) 2,4-Dichlorophenol	10.175	162	1050894	49.890	ng	99
30) 1,2,4-Trichlorobenzene	10.387	180	1125451	48.360	ng	99
31) Naphthalene	10.569	128	3537552	46.027	ng	100
32) Benzoic acid	9.857	122	742024	48.862	ng	99
33) 4-Chloroaniline	10.681	127	381793	13.881	ng	99
34) Hexachlorobutadiene	10.863	225	664593	49.620	ng	100
35) Caprolactam	11.475	113	291402	42.211	ng	98
36) 4-Chloro-3-methylphenol	11.816	107	1133612	49.887	ng	99
37) 2-Methylnaphthalene	12.181	142	2200763	42.385	ng	100
38) 1-Methylnaphthalene	12.404	142	2294653	45.436	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1179733	48.638	ng	99
41) Hexachlorocyclopentadiene	12.540	237	1549799	177.258	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	804117	52.166	ng	98

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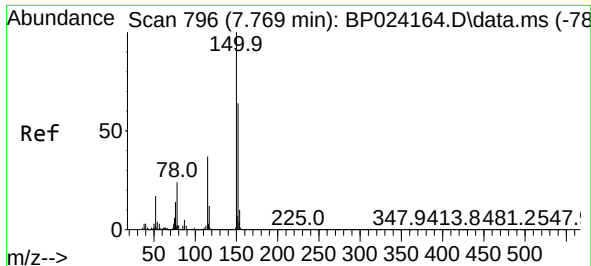
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	881887	52.168	ng	99
46) 1,1'-Biphenyl	13.198	154	3050999	48.388	ng	99
47) 2-Chloronaphthalene	13.240	162	2314992	48.812	ng	99
48) 2-Nitroaniline	13.446	65	649900	53.576	ng	97
49) Acenaphthylene	14.093	152	3804944	53.022	ng	100
50) Dimethylphthalate	13.834	163	2848116	48.510	ng	100
51) 2,6-Dinitrotoluene	13.951	165	637088	51.573	ng	98
52) Acenaphthene	14.445	154	2172104	47.374	ng	99
53) 3-Nitroaniline	14.287	138	240615	18.034	ng	97
54) 2,4-Dinitrophenol	14.493	184	776688	118.823	ng	97
55) Dibenzofuran	14.781	168	3408533	45.894	ng	99
56) 4-Nitrophenol	14.616	139	1242109	111.415	ng	98
57) 2,4-Dinitrotoluene	14.745	165	876316	53.704	ng	98
58) Fluorene	15.445	166	2765323	47.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	745474	49.913	ng	99
60) Diethylphthalate	15.222	149	2877884	49.222	ng	99
61) 4-Chlorophenyl-phenyle...	15.440	204	1356787	47.805	ng	97
62) 4-Nitroaniline	15.469	138	663283	47.399	ng	98
63) Azobenzene	15.740	77	3124242	56.694	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	499710	53.264	ng	98
66) n-Nitrosodiphenylamine	15.663	169	2446073	50.971	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	871839	50.249	ng	97
68) Hexachlorobenzene	16.481	284	1015816	49.465	ng	98
69) Atrazine	16.651	200	852340	73.585	ng	100
70) Pentachlorophenol	16.834	266	1434267	107.999	ng	99
71) Phenanthrene	17.234	178	4270042	49.460	ng	100
72) Anthracene	17.334	178	4357809	51.826	ng	100
73) Carbazole	17.610	167	4062352	50.097	ng	99
74) Di-n-butylphthalate	18.210	149	5130594	53.298	ng	99
75) Fluoranthene	19.333	202	4986707	49.873	ng	100
77) Benzidine	19.522	184	1629821	88.599	ng	99
78) Pyrene	19.704	202	5117907	48.928	ng	100
80) Butylbenzylphthalate	20.657	149	2450988	56.821	ng	98
81) Benzo(a)anthracene	21.633	228	5174331	49.465	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	828540	23.633	ng	98
83) Chrysene	21.698	228	4898522	48.713	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	3665117	56.311	ng	100
85) Di-n-octyl phthalate	22.869	149	6192962	59.386	ng	100
87) Indeno(1,2,3-cd)pyrene	28.886	276	6436692	49.832	ng	98
88) Benzo(b)fluoranthene	23.980	252	5411714	48.497	ng	98
89) Benzo(k)fluoranthene	24.045	252	5368785	49.185	ng	100
90) Benzo(a)pyrene	24.886	252	5214524	53.740	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	5299144	49.312	ng	98
92) Benzo(g,h,i)perylene	30.068	276	3028749	27.726	ng	99

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

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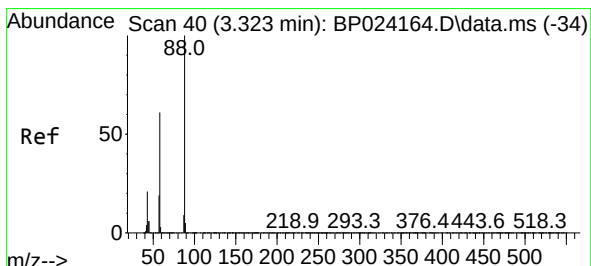
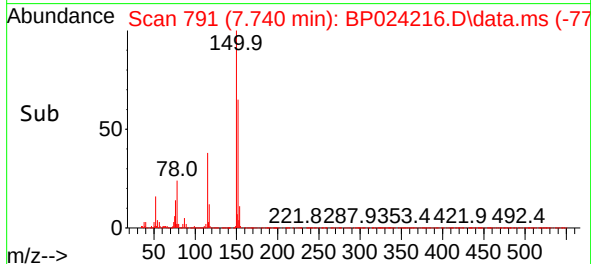
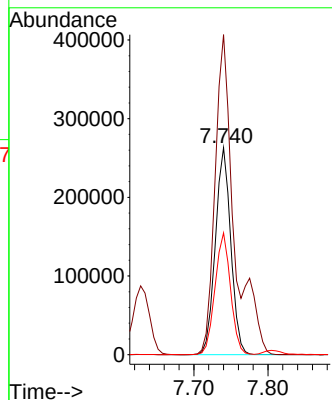
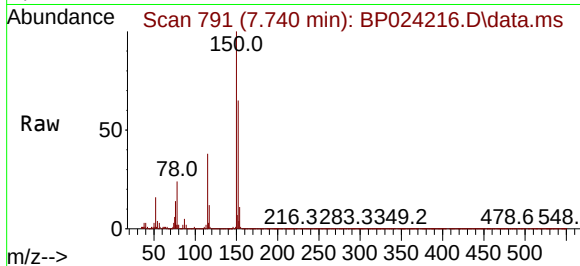




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

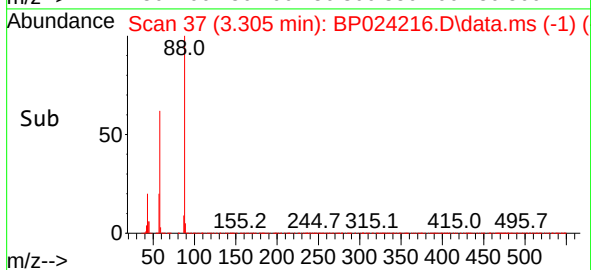
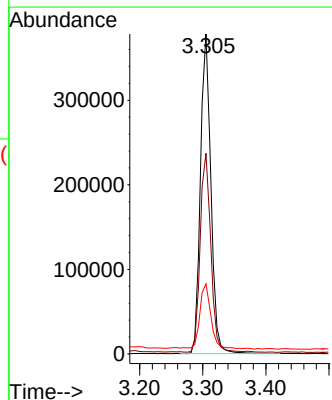
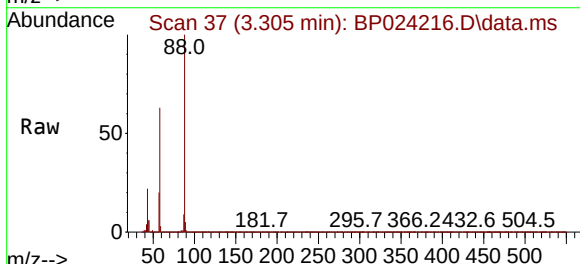
Instrument :
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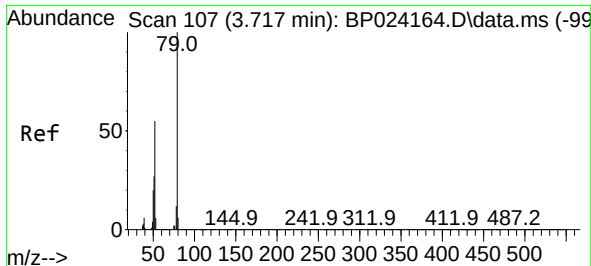
Tgt Ion:152 Resp: 380397
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.5 188.3
 115 58.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 45.784 ng
 RT: 3.305 min Scan# 37
 Delta R.T. -0.018 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

Tgt Ion: 88 Resp: 432478
 Ion Ratio Lower Upper
 88 100
 58 63.6 49.8 74.6
 43 22.1 17.3 25.9



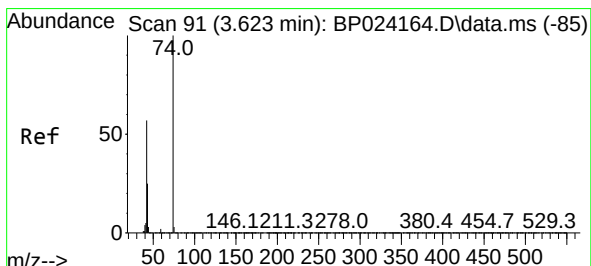
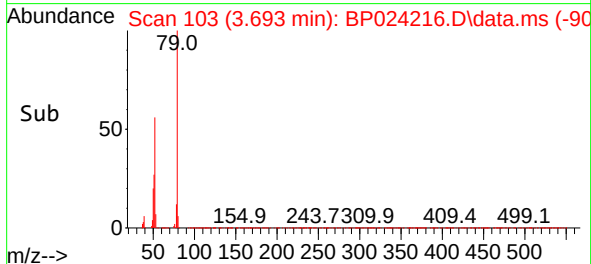
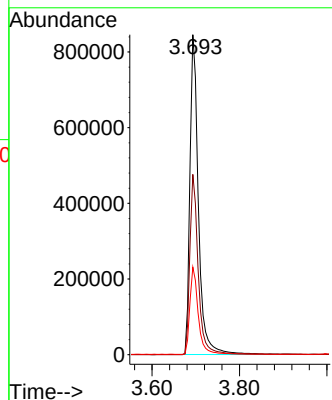
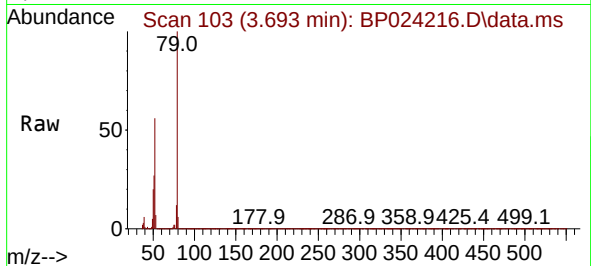


#3
 Pyridine
 Concen: 44.474 ng
 RT: 3.693 min Scan# 107
 Delta R.T. -0.024 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

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

Tgt Ion: 79 Resp: 1148465

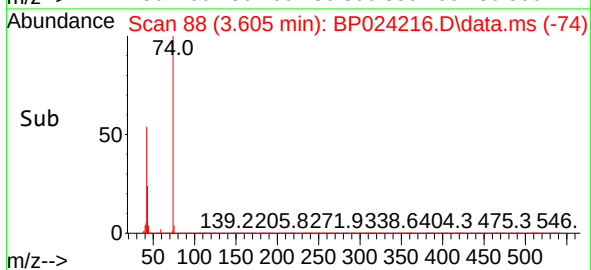
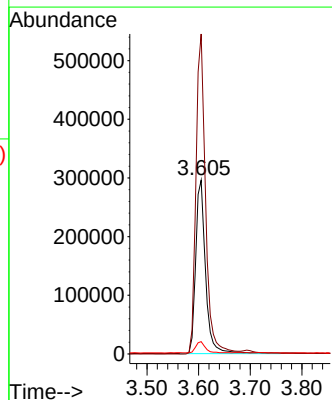
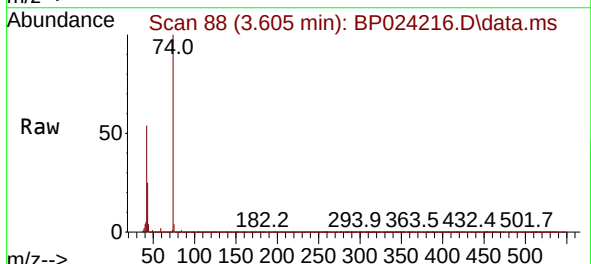
Ion	Ratio	Lower	Upper
79	100		
52	56.4	43.8	65.8
51	27.3	21.6	32.4

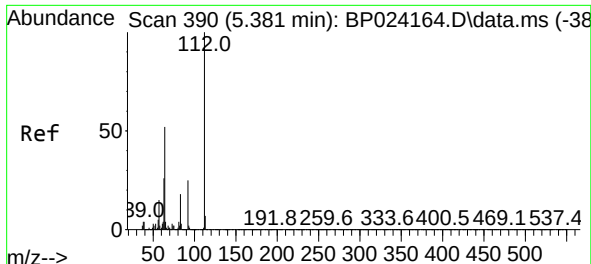


#4
 n-Nitrosodimethylamine
 Concen: 45.654 ng
 RT: 3.605 min Scan# 88
 Delta R.T. -0.018 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

Tgt Ion: 42 Resp: 393821

Ion	Ratio	Lower	Upper
42	100		
74	184.2	139.8	209.6
44	7.1	5.3	7.9

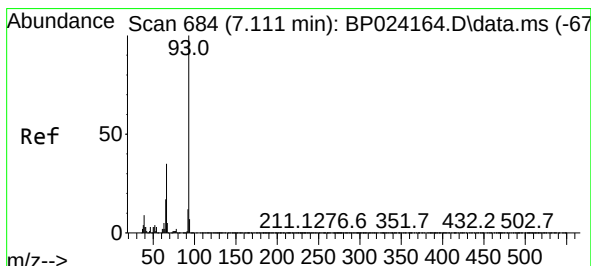
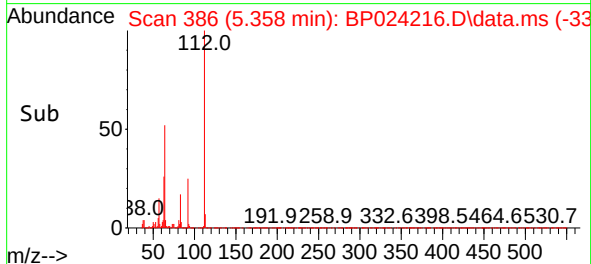
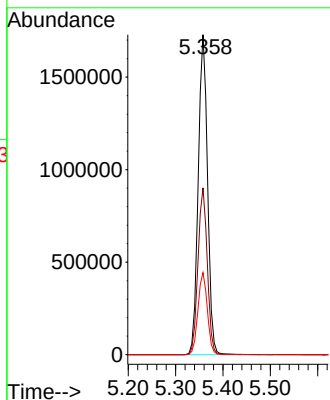
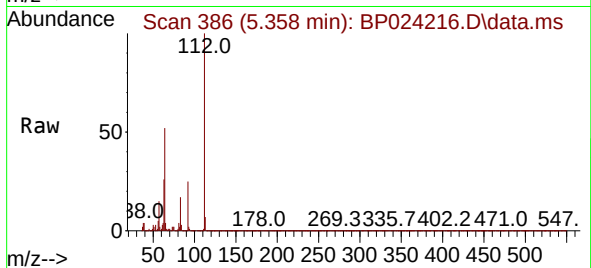




#5
2-Fluorophenol
Concen: 99.352 ng
RT: 5.358 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

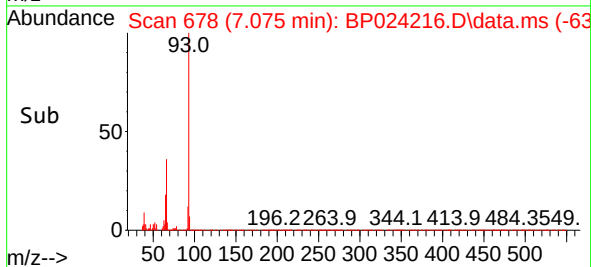
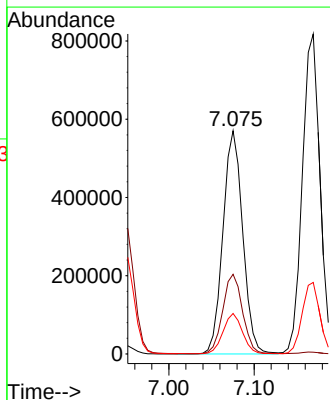
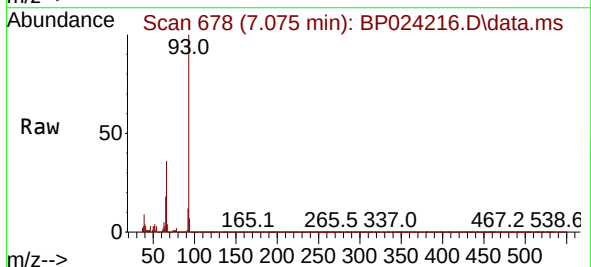
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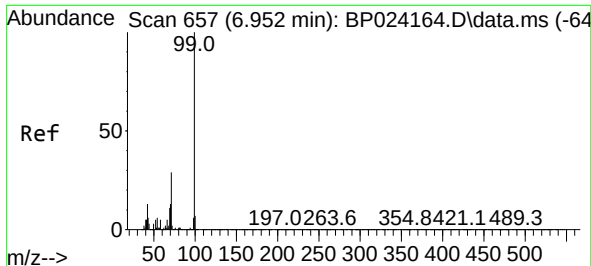
Tgt Ion:112 Resp: 2367585
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 25.6 20.6 31.0



#6
Aniline
Concen: 31.613 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 93 Resp: 917836
Ion Ratio Lower Upper
93 100
66 35.7 28.2 42.2
65 18.1 14.0 21.0

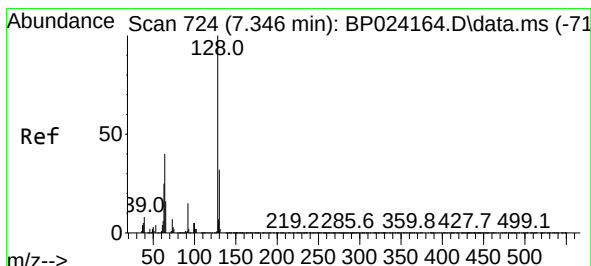
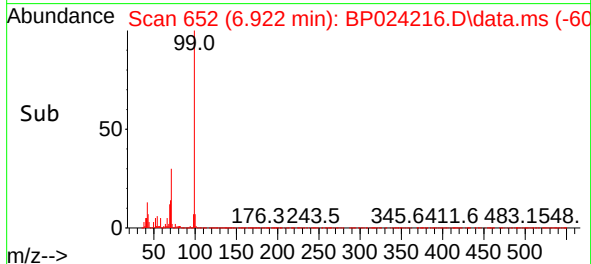
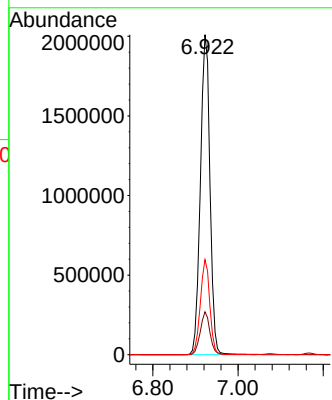
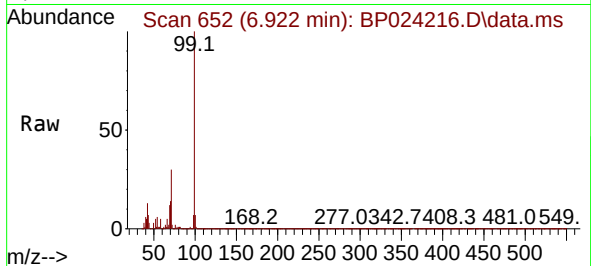




#7
Phenol-d6
Concen: 98.232 ng
RT: 6.922 min Scan# 611
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

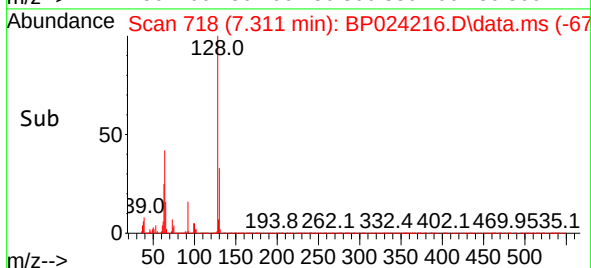
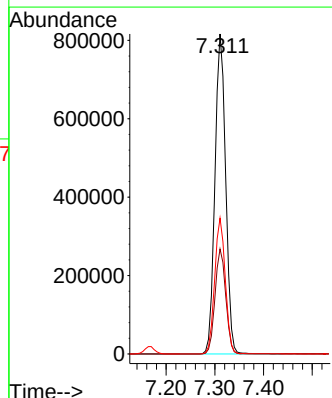
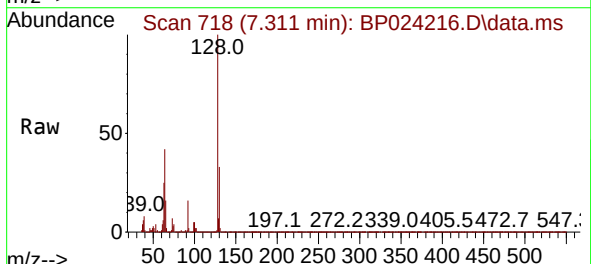
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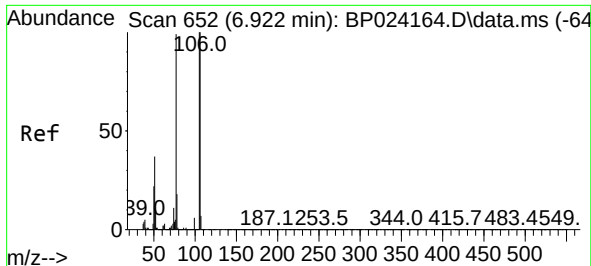
Tgt Ion: 99 Resp: 3130379
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.7 23.3 34.9



#8
2-Chlorophenol
Concen: 48.193 ng
RT: 7.311 min Scan# 718
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:128 Resp: 1240499
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 42.4 21.6 61.6

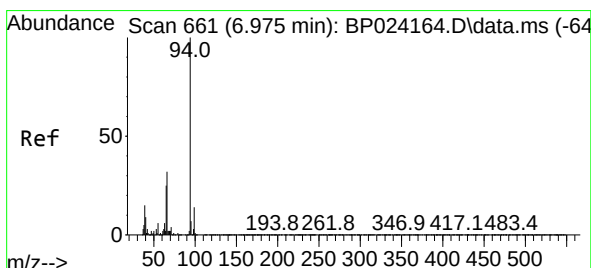
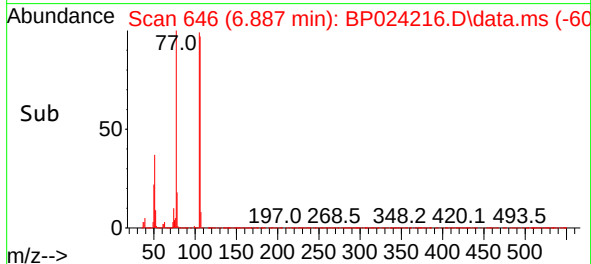
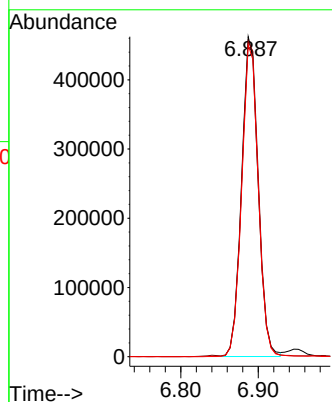
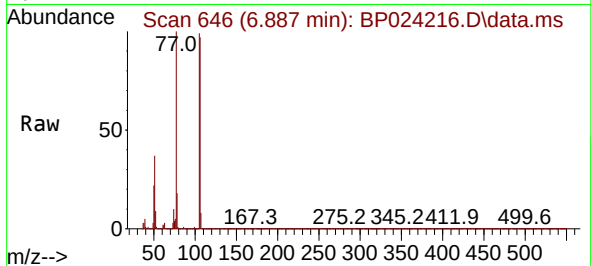




#9
Benzaldehyde
Concen: 44.646 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

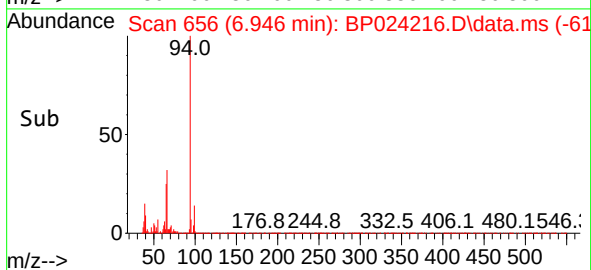
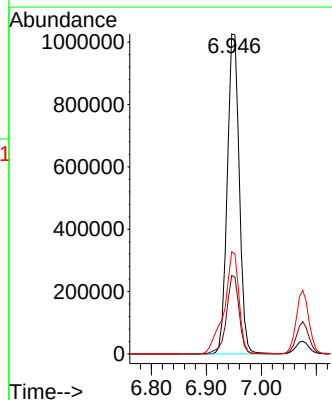
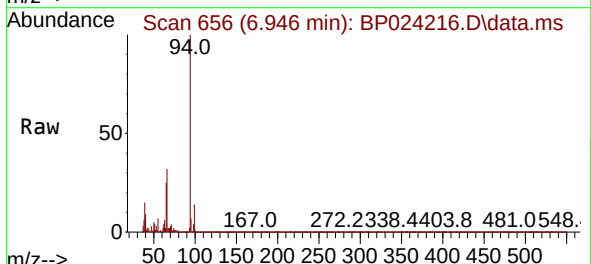
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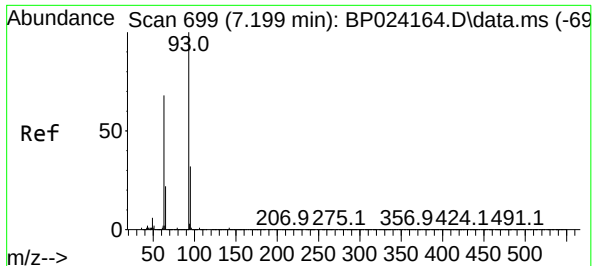
Tgt Ion: 77 Resp: 686585
Ion Ratio Lower Upper
77 100
105 98.6 81.4 121.4
106 97.4 81.1 121.1



#10
Phenol
Concen: 48.389 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 94 Resp: 1556681
Ion Ratio Lower Upper
94 100
65 24.5 4.9 44.9
66 32.0 11.9 51.9



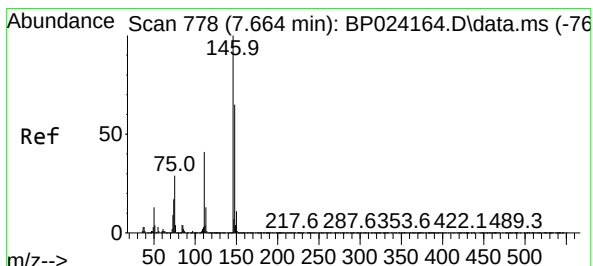
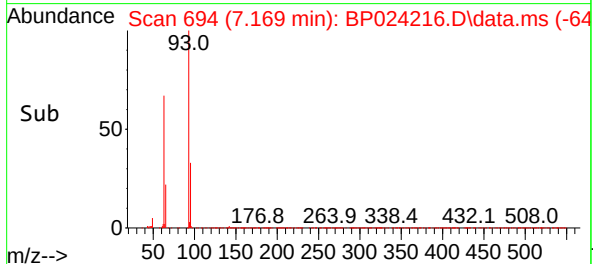
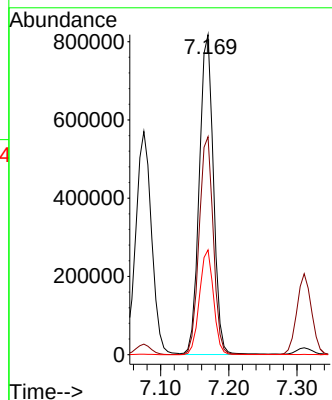
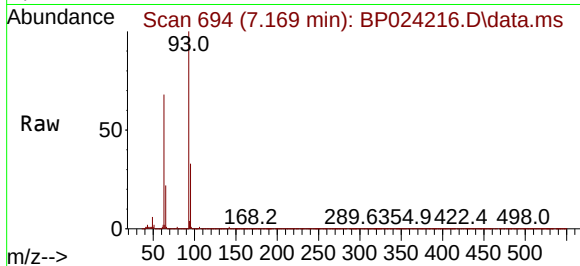


#11
bis(2-Chloroethyl)ether
Concen: 46.412 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

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

Tgt Ion: 93 Resp: 1177449

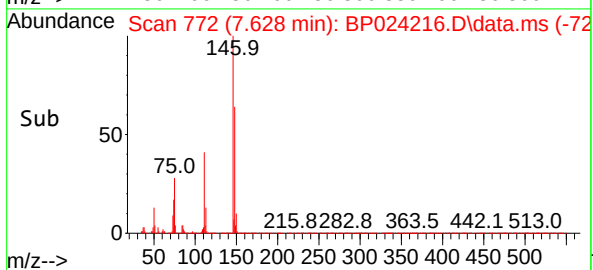
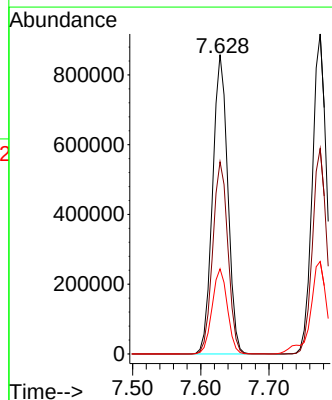
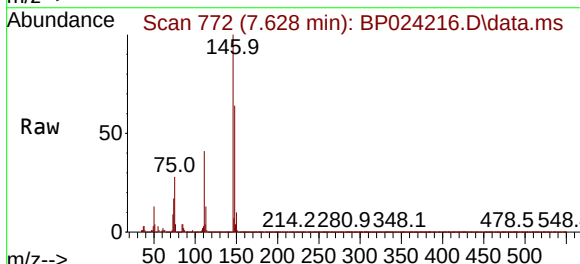
Ion	Ratio	Lower	Upper
93	100		
63	68.1	47.4	87.4
95	32.8	12.1	52.1

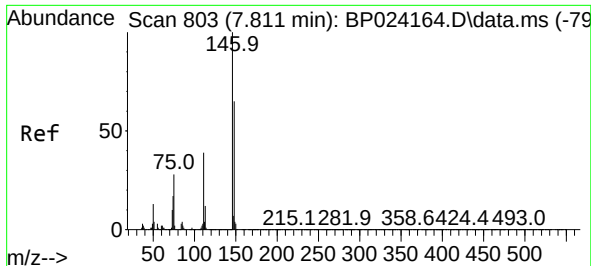


#12
1,3-Dichlorobenzene
Concen: 47.830 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 146 Resp: 1327658

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.5	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 47.255 ng

RT: 7.775 min Scan# 797

Delta R.T. -0.035 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

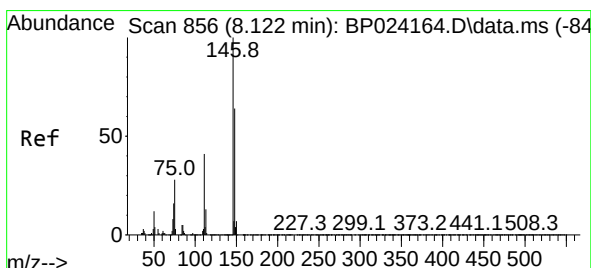
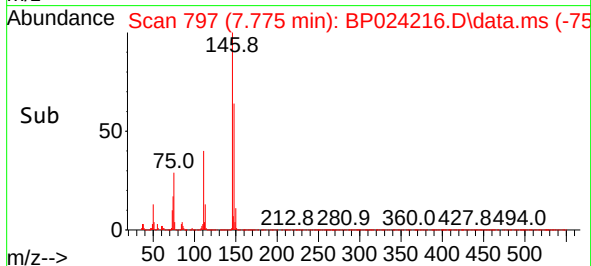
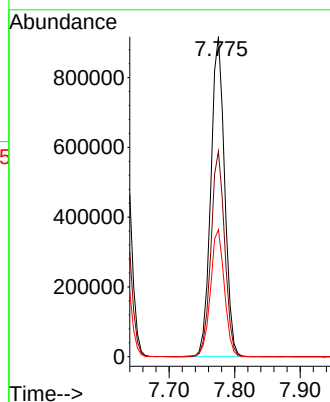
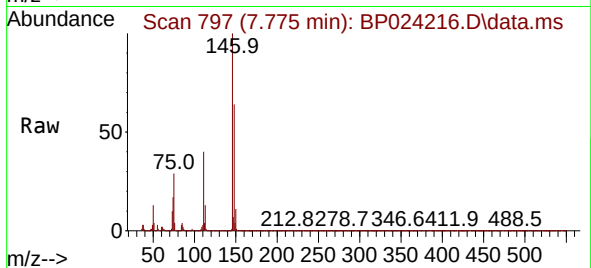
Tgt Ion:146 Resp: 1339287

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

111 39.7 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 47.119 ng

RT: 8.087 min Scan# 850

Delta R.T. -0.035 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

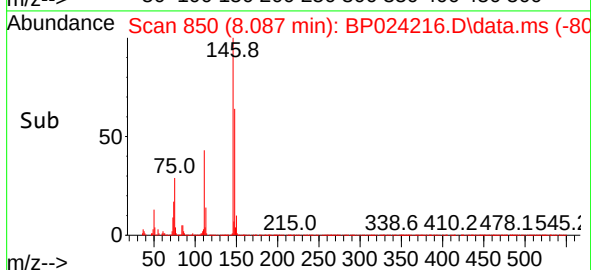
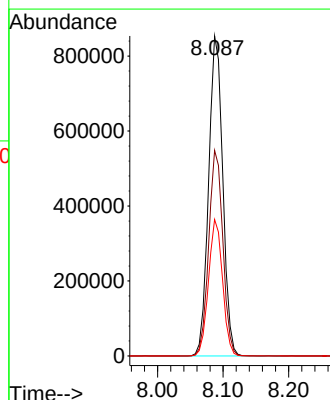
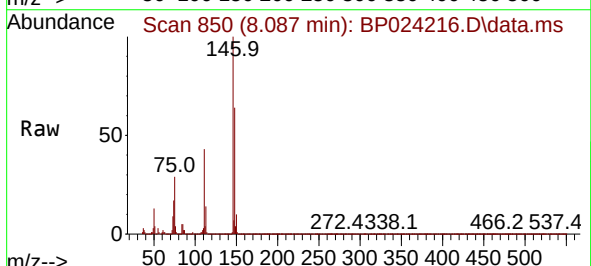
Tgt Ion:146 Resp: 1281491

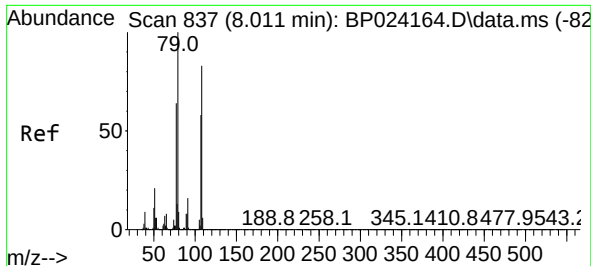
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 42.6 33.2 49.8

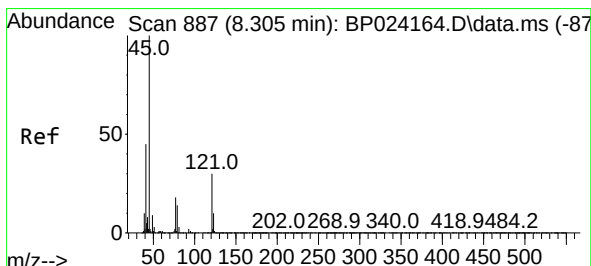
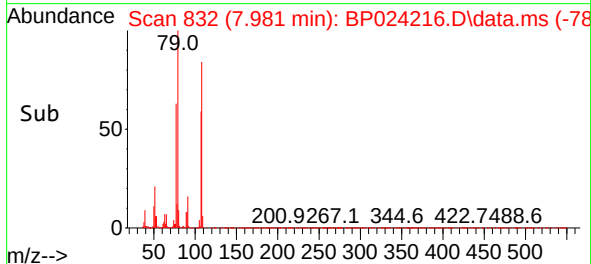
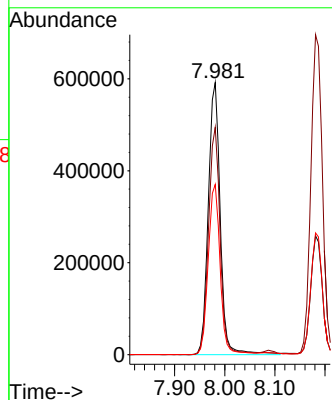
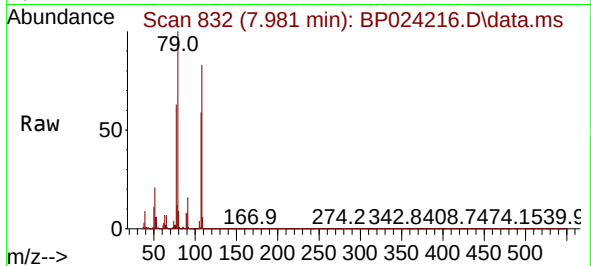




#15
Benzyl Alcohol
Concen: 48.641 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

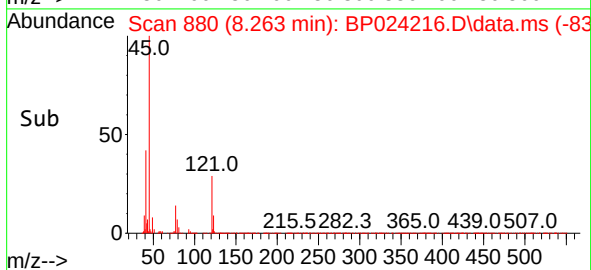
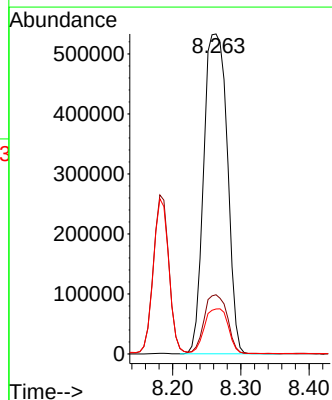
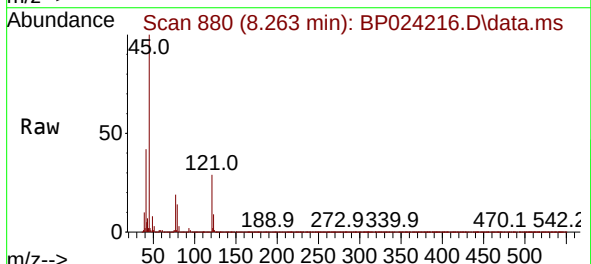
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

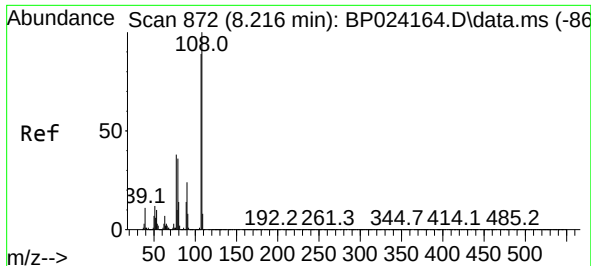
Tgt Ion: 79 Resp: 981332
Ion Ratio Lower Upper
79 100
108 83.5 66.5 99.7
77 62.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.347 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 45 Resp: 1277718
Ion Ratio Lower Upper
45 100
77 18.5 0.0 39.0
79 14.1 0.0 35.6

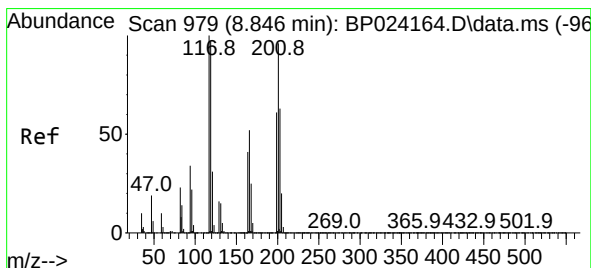
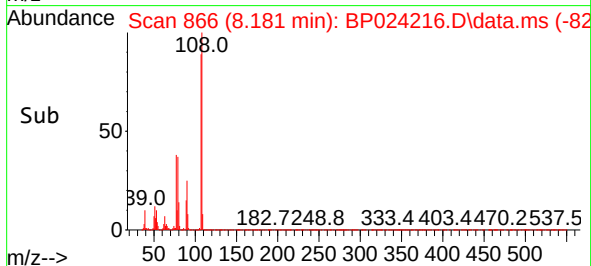
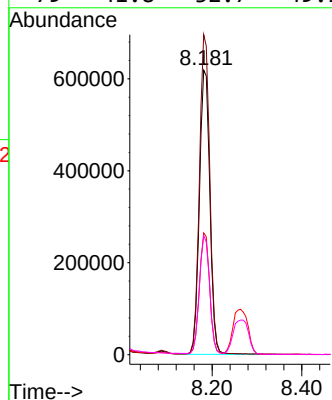
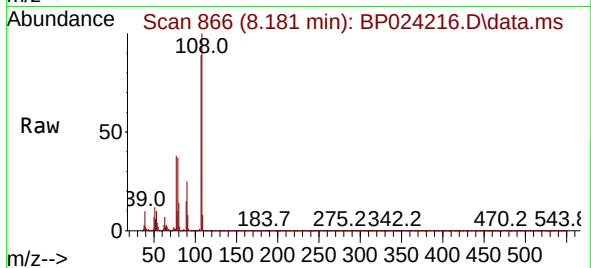




#17
2-Methylphenol
Concen: 49.524 ng
RT: 8.181 min Scan# 80
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

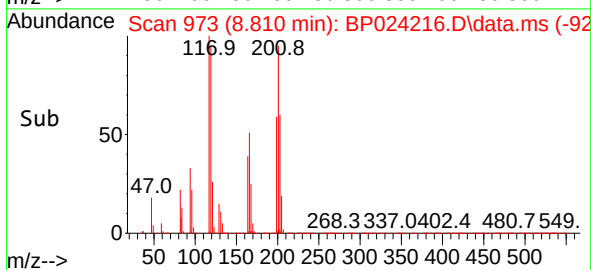
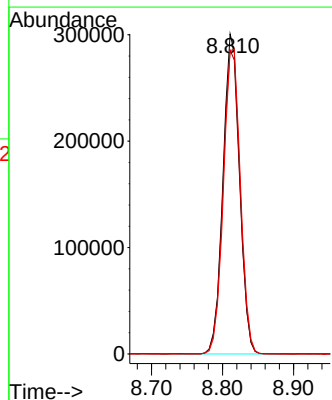
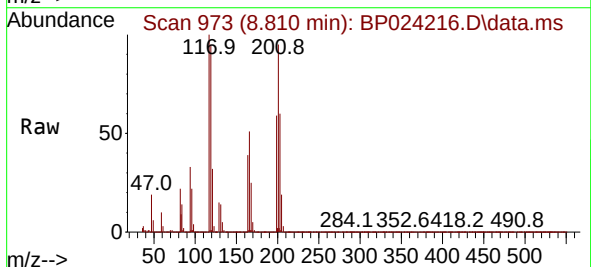
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

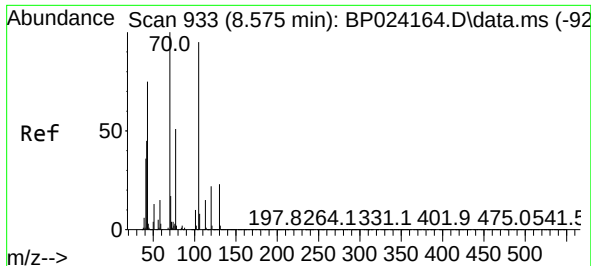
Tgt Ion:	107	Resp:	999051
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	42.8	34.0	51.0
79	41.8	32.7	49.1



#18
Hexachloroethane
Concen: 48.511 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:	117	Resp:	487778
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
201	94.7	76.6	114.8



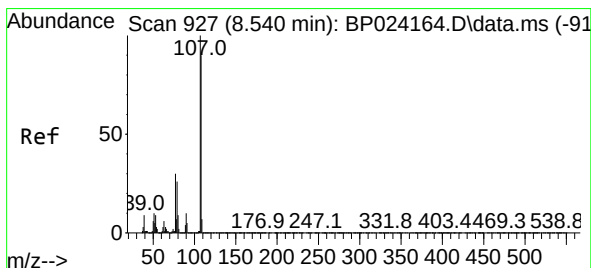
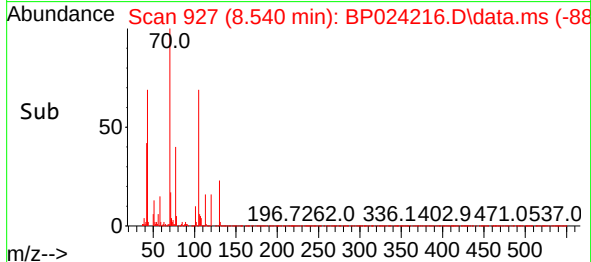
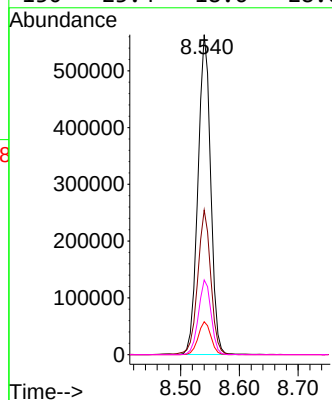
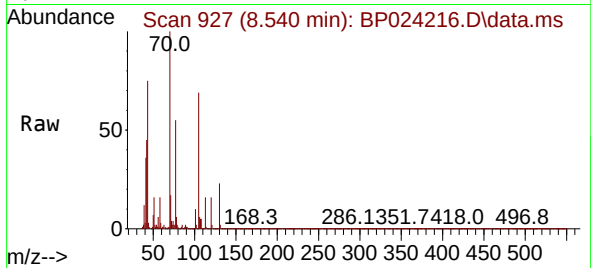


#19
n-Nitroso-di-n-propylamine
Concen: 45.704 ng
RT: 8.540 min Scan# 911
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

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

Tgt Ion: 70 Resp: 844945

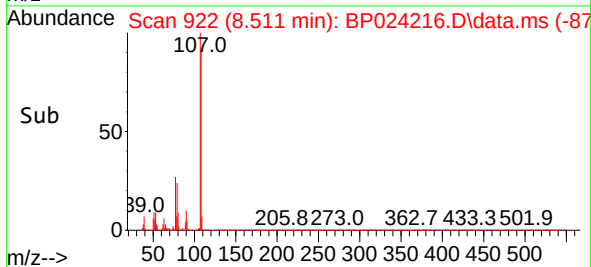
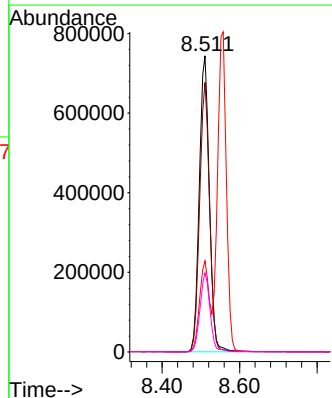
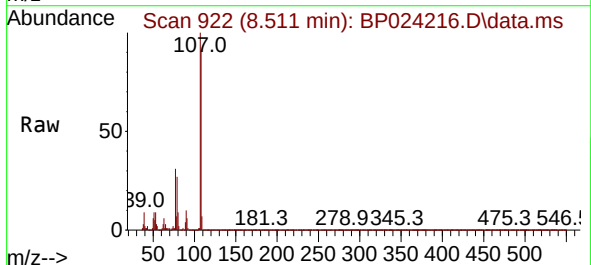
Ion	Ratio	Lower	Upper
70	100		
42	45.2	36.0	54.0
101	10.3	8.3	12.5
130	23.4	18.6	28.0

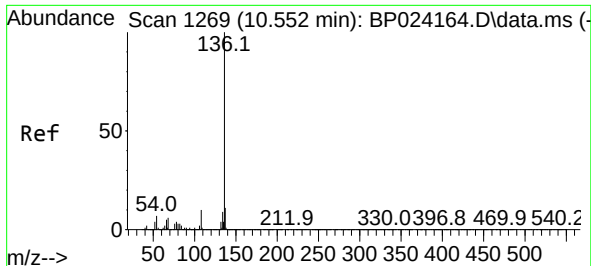


#20
3+4-Methylphenols
Concen: 48.343 ng
RT: 8.511 min Scan# 922
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 107 Resp: 1339818

Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.7	109.7
77	30.7	10.3	50.3
79	26.7	6.1	46.1



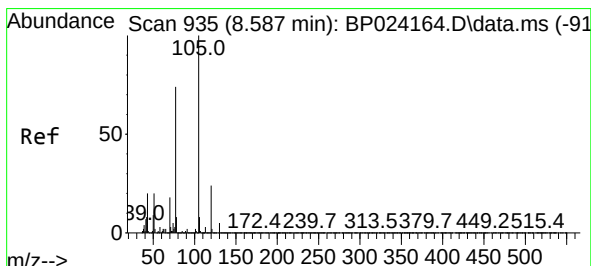
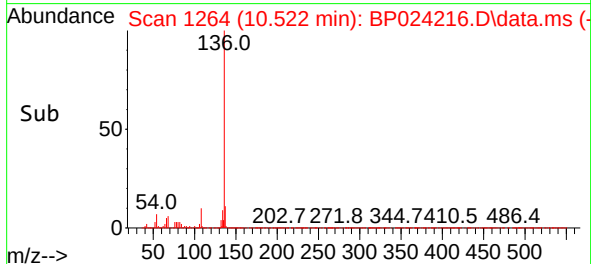
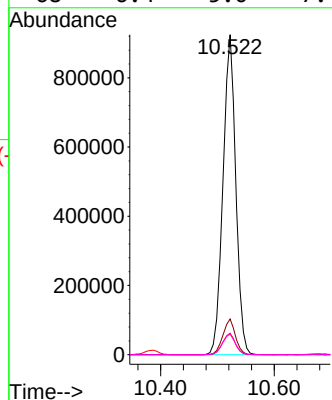
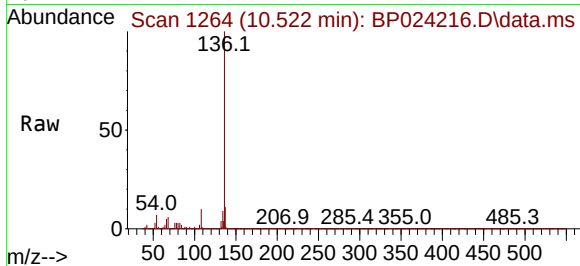


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

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

Tgt Ion:136 Resp: 1449915

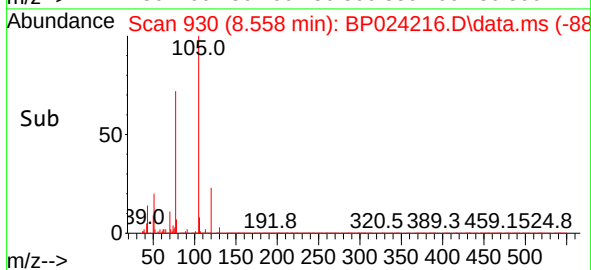
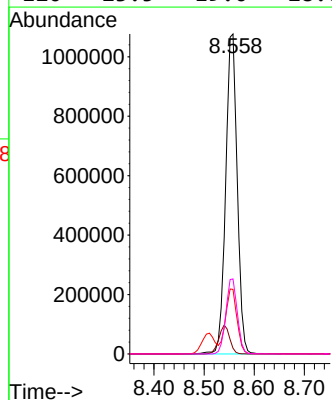
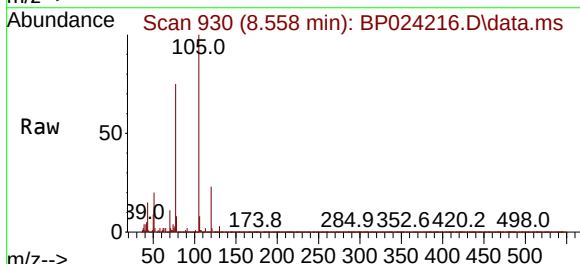
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.3	7.9
68	6.4	5.0	7.4

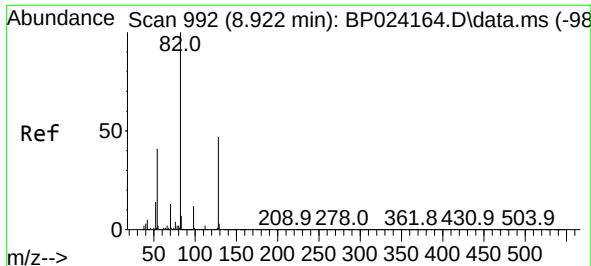


#22
Acetophenone
Concen: 47.052 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:105 Resp: 1724781

Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.4	3.6
51	20.2	16.2	24.2
120	23.5	19.0	28.6

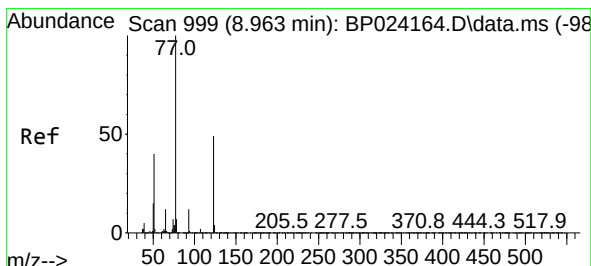
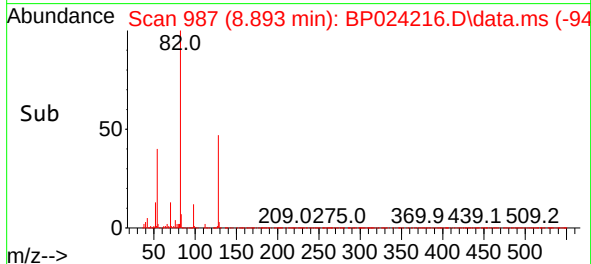
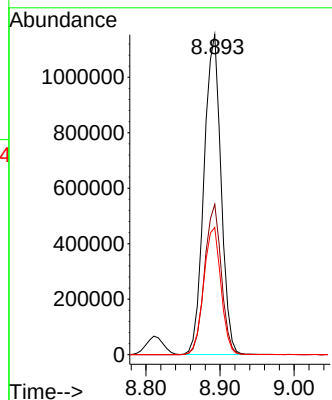
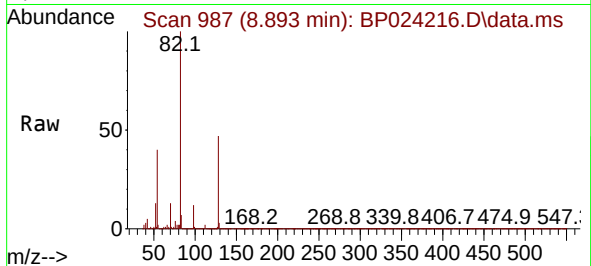




#23
Nitrobenzene-d5
Concen: 71.452 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

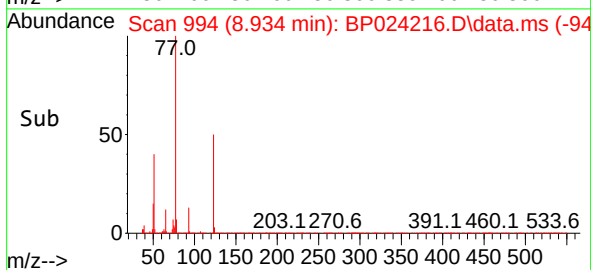
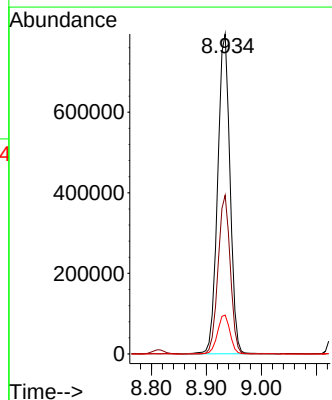
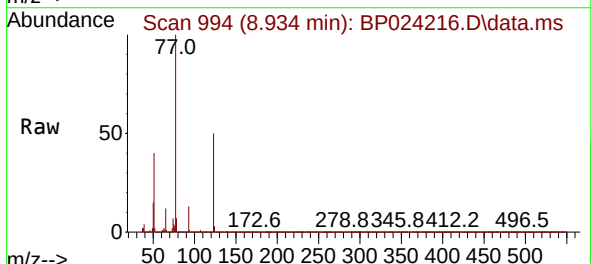
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

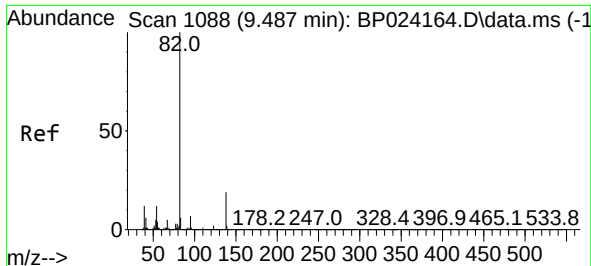
Tgt Ion: 82 Resp: 1836191
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 39.8 32.5 48.7



#24
Nitrobenzene
Concen: 48.816 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 77 Resp: 1237531
Ion Ratio Lower Upper
77 100
123 49.6 39.4 59.2
65 12.1 9.9 14.9

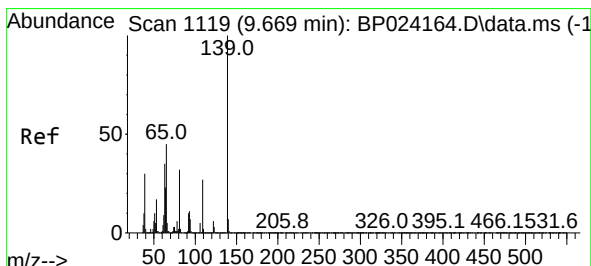
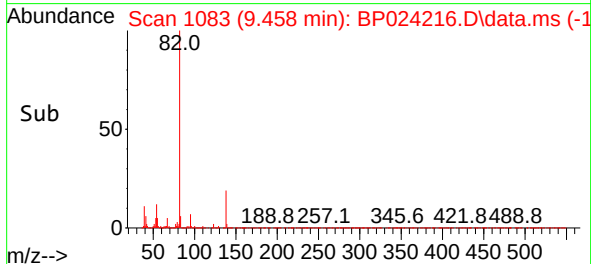
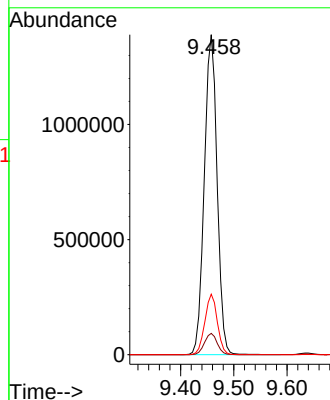
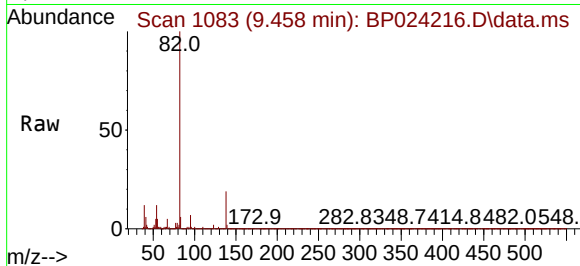




#25
Isophorone
Concen: 52.653 ng
RT: 9.458 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

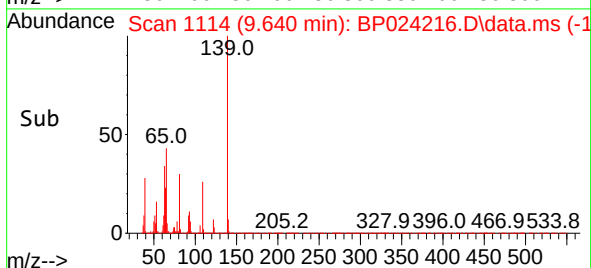
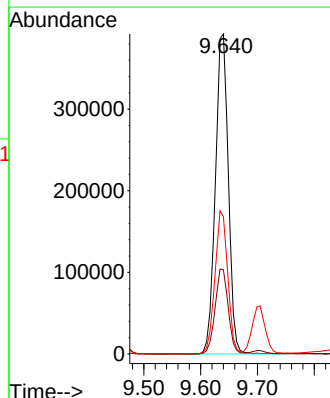
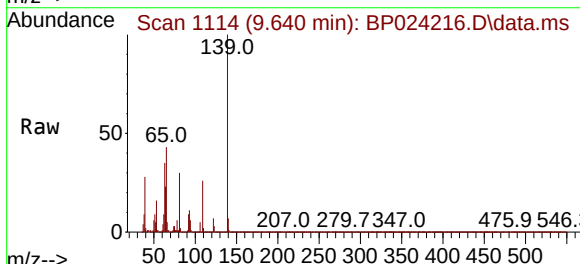
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

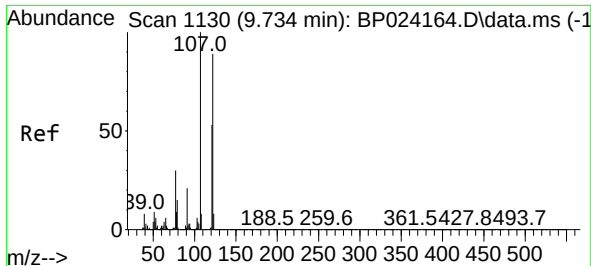
Tgt Ion: 82 Resp: 2319434
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.9 14.8 22.2



#26
2-Nitrophenol
Concen: 51.235 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 139 Resp: 620425
Ion Ratio Lower Upper
139 100
109 26.3 21.7 32.5
65 42.9 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 68.478 ng

RT: 9.705 min Scan# 1125

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

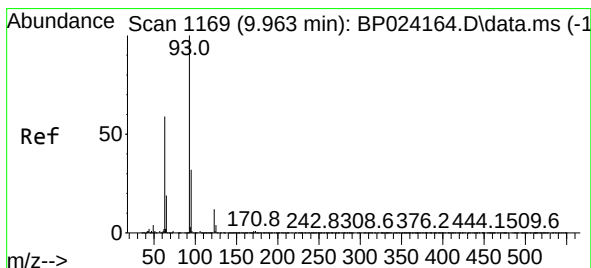
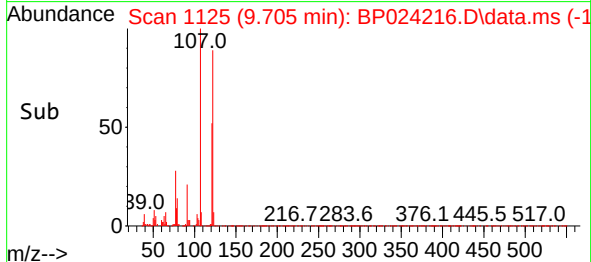
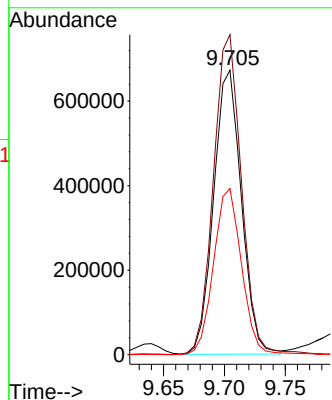
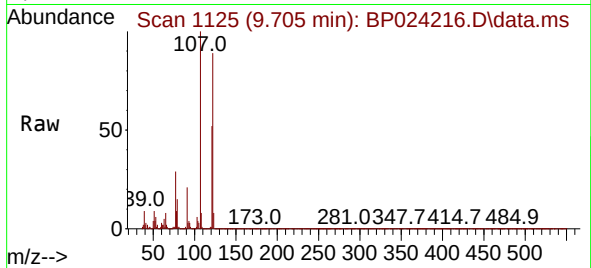
Tgt Ion:122 Resp: 1066285

Ion Ratio Lower Upper

122 100

107 112.5 89.3 133.9

121 58.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 48.887 ng

RT: 9.934 min Scan# 1164

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

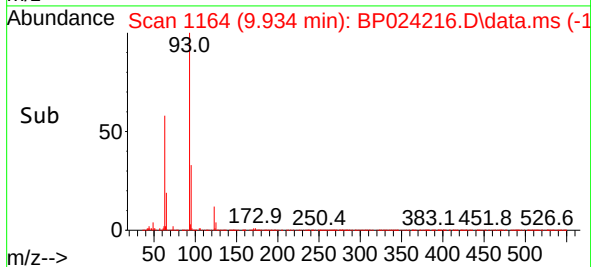
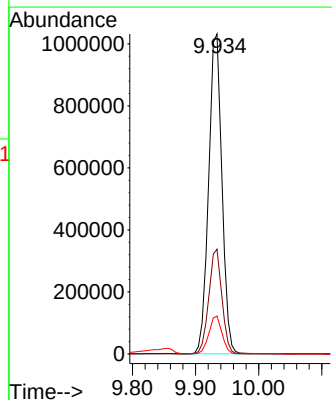
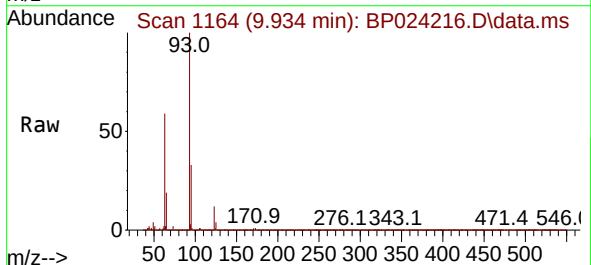
Tgt Ion: 93 Resp: 1515014

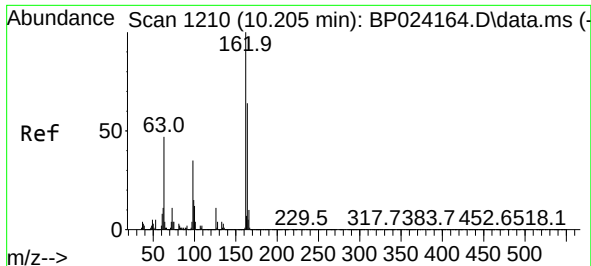
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.9 9.5 14.3

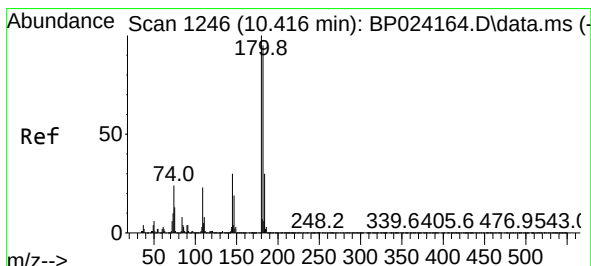
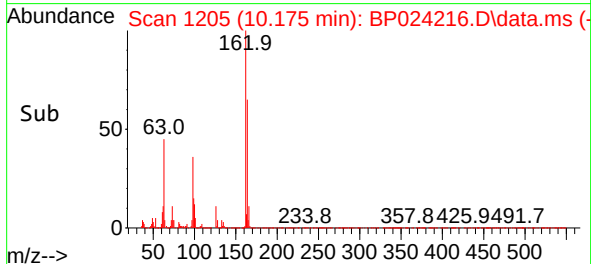
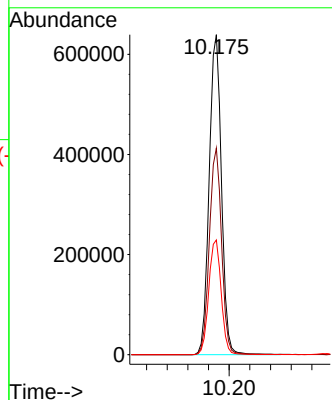
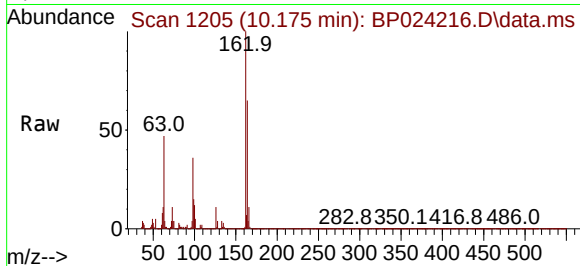




#29
2,4-Dichlorophenol
Concen: 49.890 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

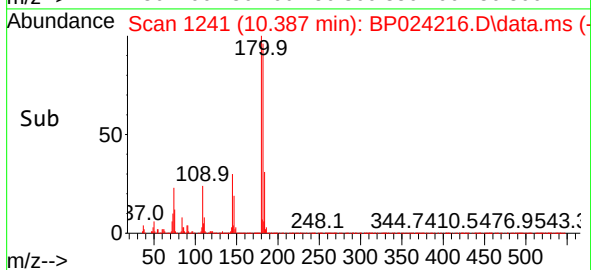
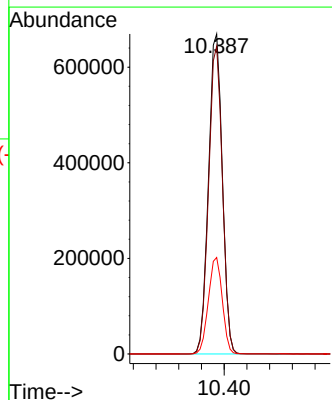
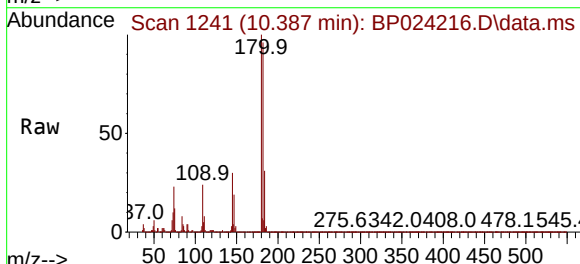
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

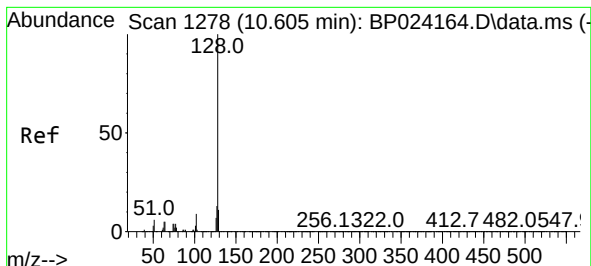
Tgt Ion:162 Resp: 1050894
Ion Ratio Lower Upper
162 100
164 64.5 44.2 84.2
98 35.8 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 48.360 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:180 Resp: 1125451
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 30.2 24.2 36.2





#31

Naphthalene

Concen: 46.027 ng

RT: 10.569 min Scan# 111

Delta R.T. -0.035 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

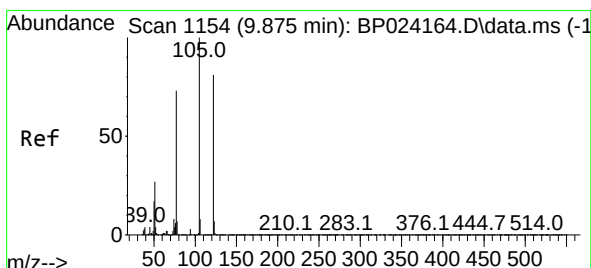
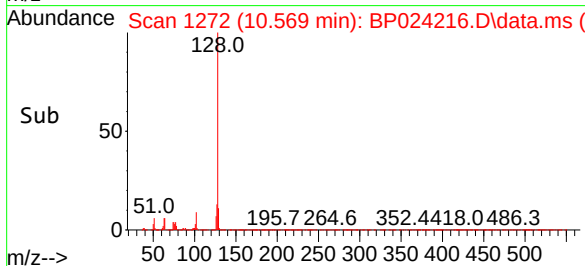
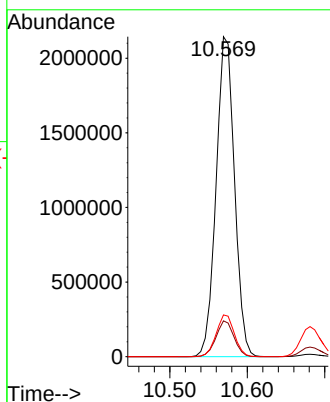
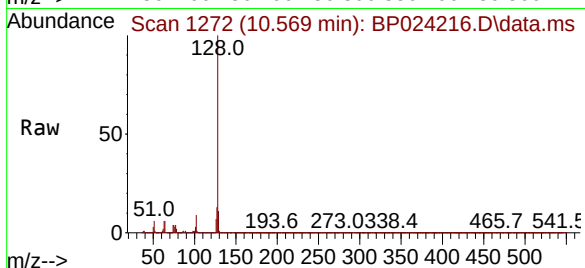
Tgt Ion:128 Resp: 3537552

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 48.862 ng

RT: 9.857 min Scan# 1151

Delta R.T. -0.018 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

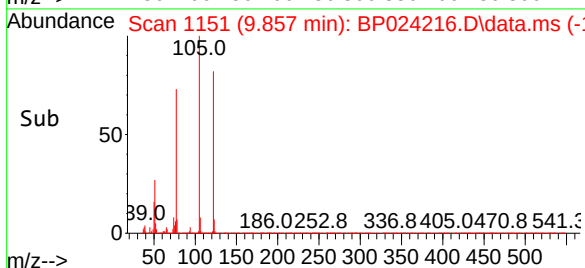
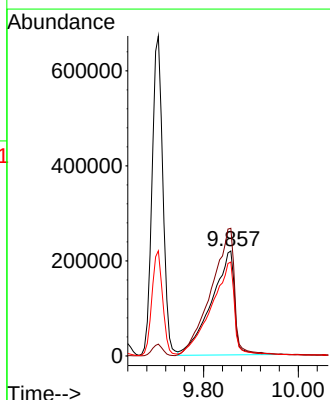
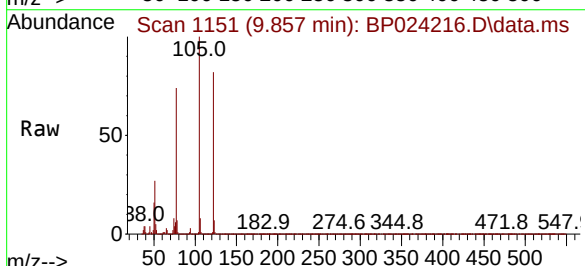
Tgt Ion:122 Resp: 742024

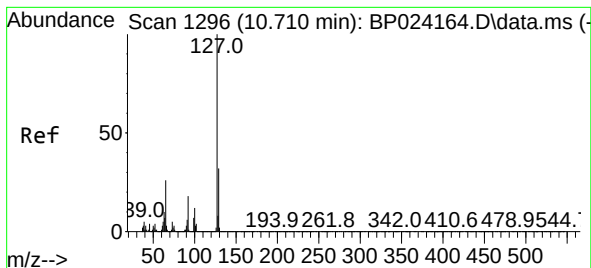
Ion Ratio Lower Upper

122 100

105 121.6 100.3 140.3

77 89.4 69.1 109.1





#33

4-Chloroaniline

Concen: 13.881 ng

RT: 10.681 min Scan# 1291

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:127 Resp: 381793

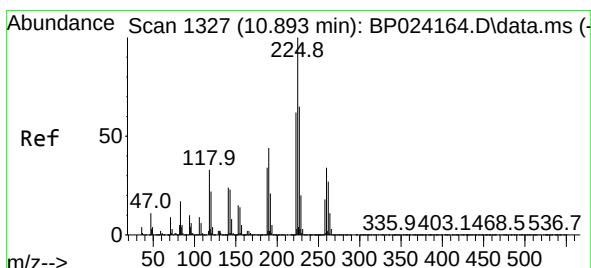
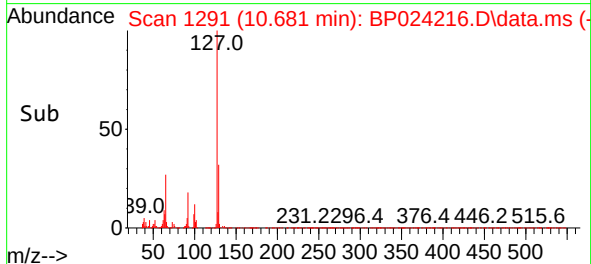
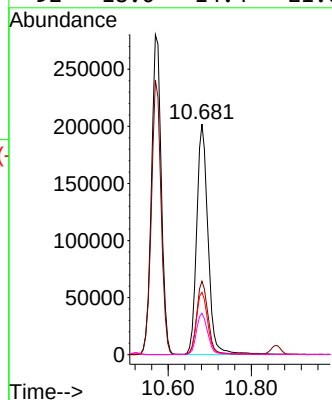
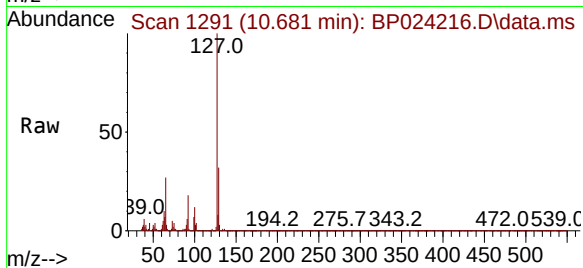
Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.6

65 27.0 21.2 31.8

92 18.0 14.4 21.6



#34

Hexachlorobutadiene

Concen: 49.620 ng

RT: 10.863 min Scan# 1322

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

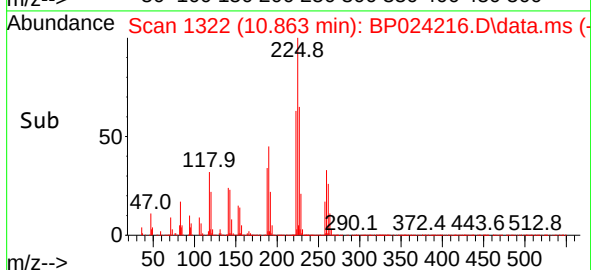
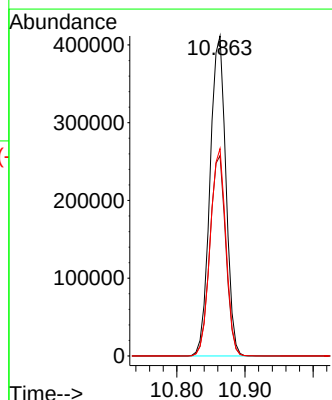
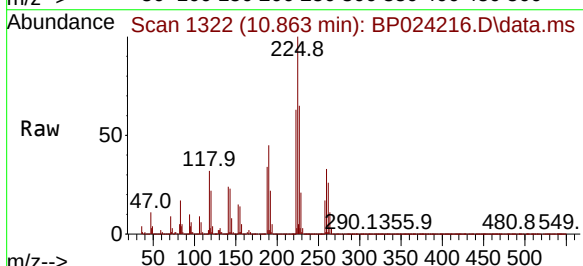
Tgt Ion:225 Resp: 664593

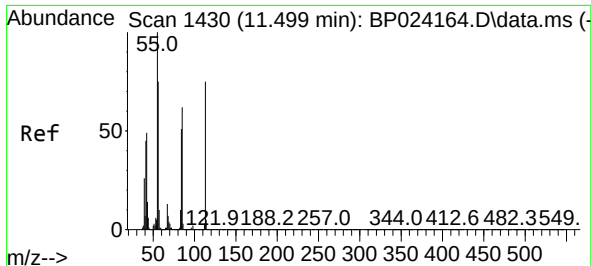
Ion Ratio Lower Upper

225 100

223 62.6 49.9 74.9

227 64.8 52.2 78.2

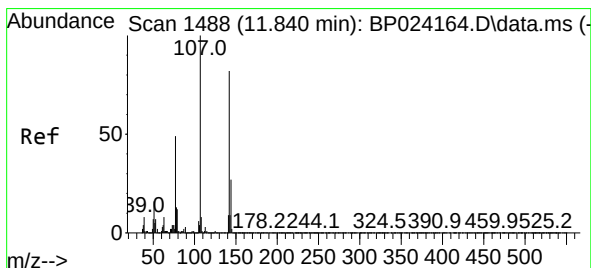
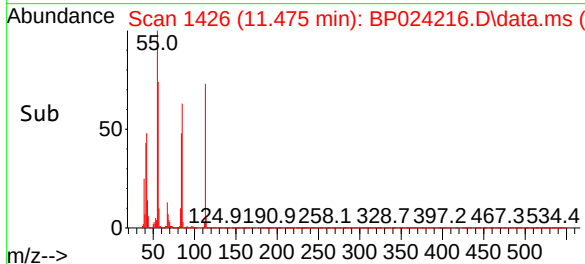
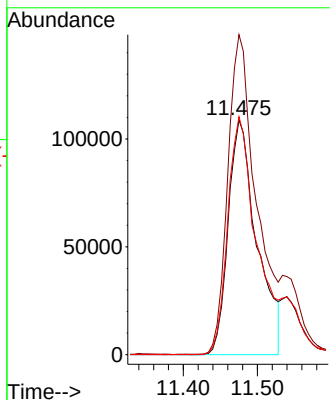
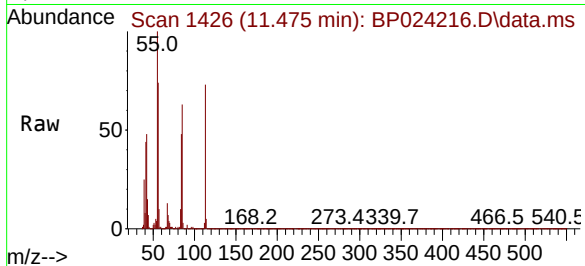




#35
Caprolactam
Concen: 42.211 ng
RT: 11.475 min Scan# 1426
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

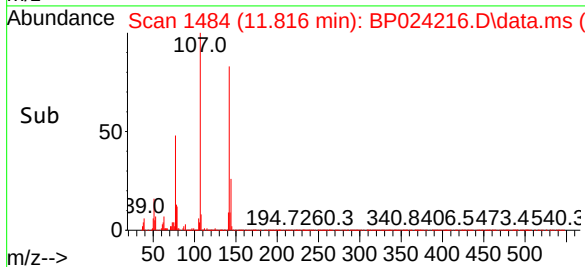
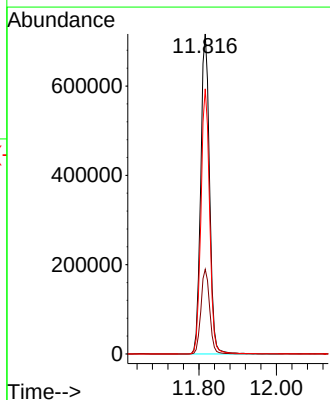
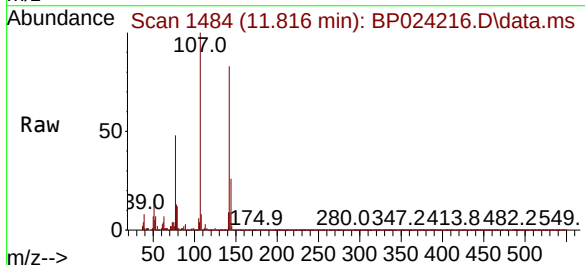
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

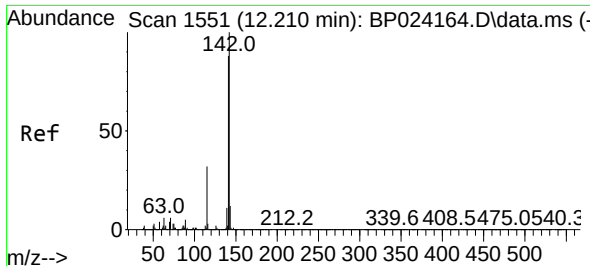
Tgt Ion:113 Resp: 291402
Ion Ratio Lower Upper
113 100
55 136.3 113.6 153.6
56 101.4 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 49.887 ng
RT: 11.816 min Scan# 1484
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:107 Resp: 1133612
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 82.8 65.4 98.0

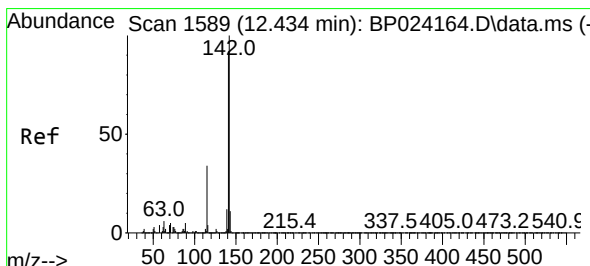
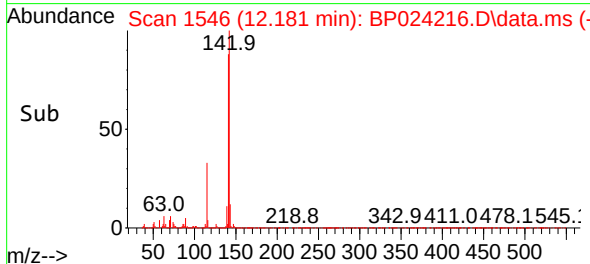
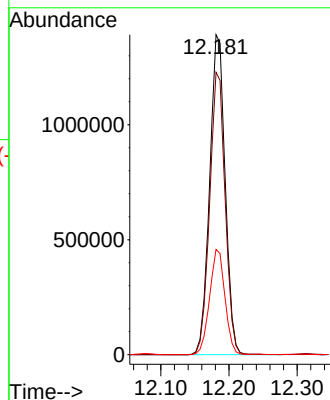
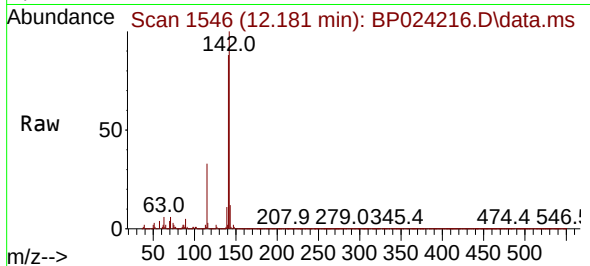




#37
2-Methylnaphthalene
Concen: 42.385 ng
RT: 12.181 min Scan# 1546
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

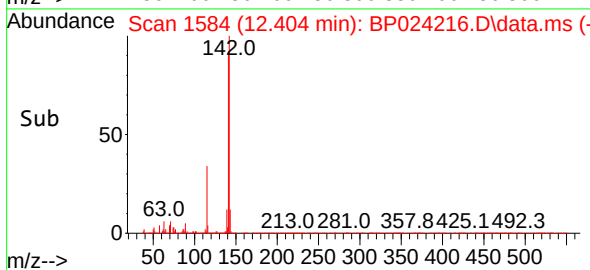
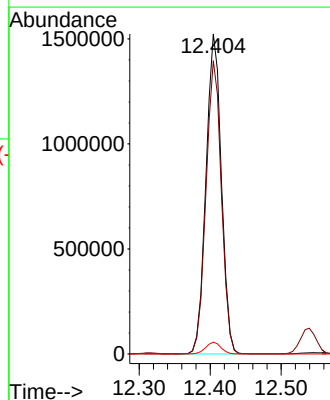
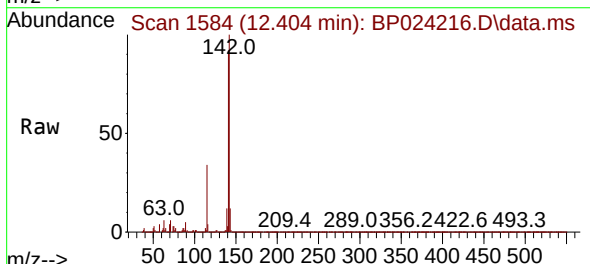
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

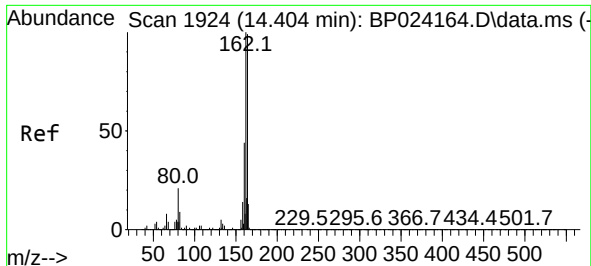
Tgt Ion:142 Resp: 2200763
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 32.9 26.0 39.0



#38
1-Methylnaphthalene
Concen: 45.436 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:142 Resp: 2294653
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.7 2.8 4.2

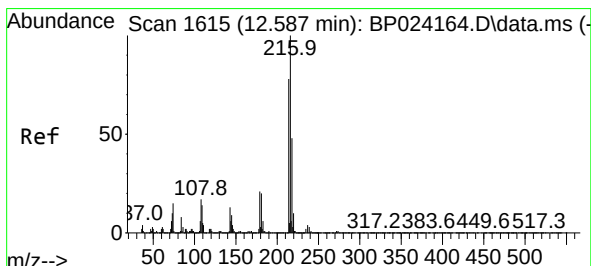
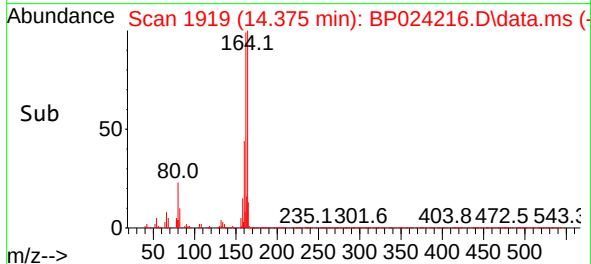
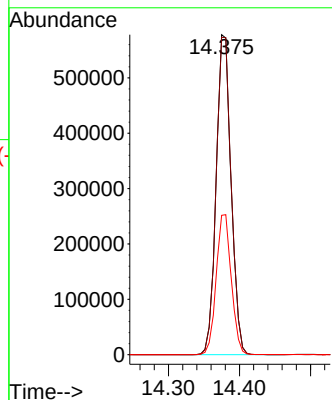
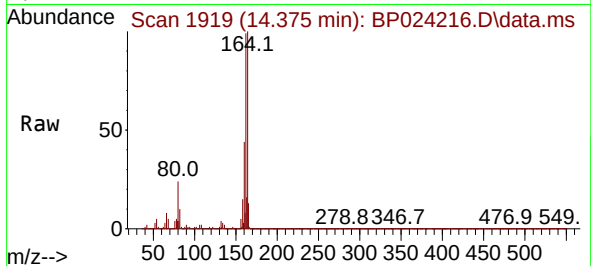




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

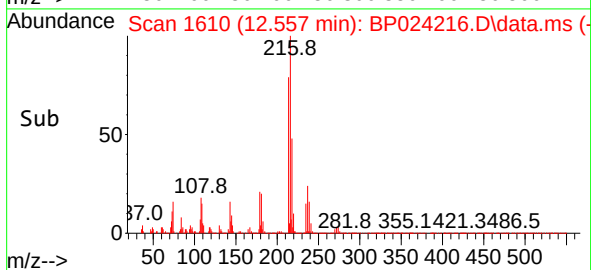
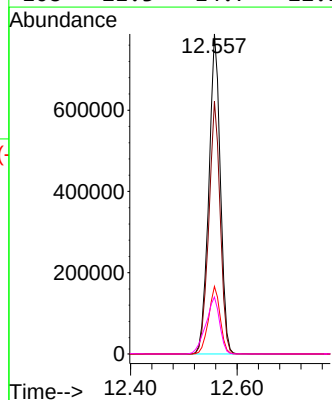
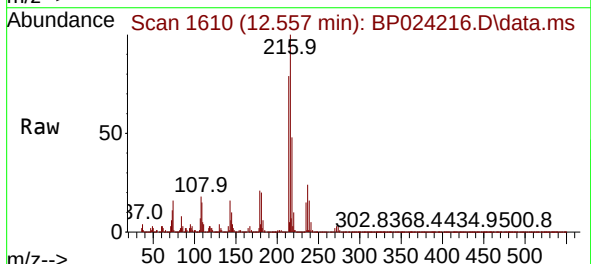
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

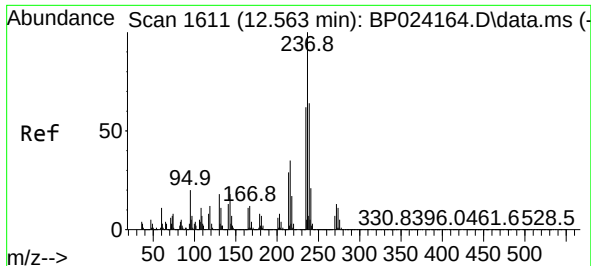
Tgt Ion:164 Resp: 839080
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 43.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.638 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:216 Resp: 1179733
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 21.2 16.8 25.2
108 21.3 14.7 22.1

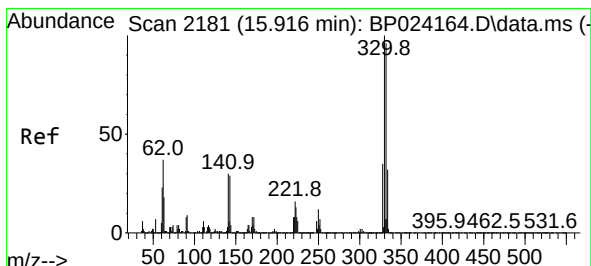
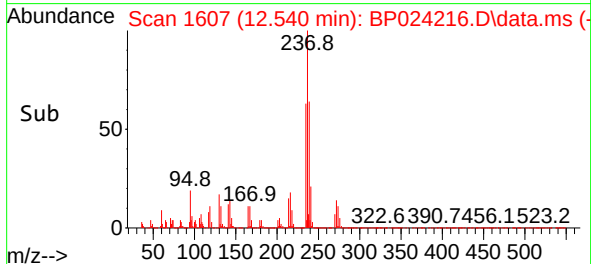
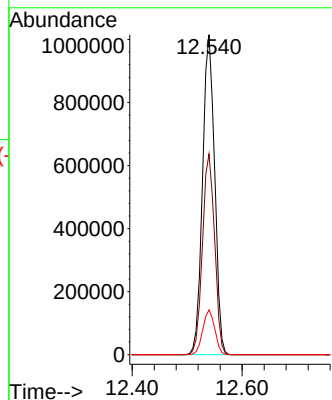
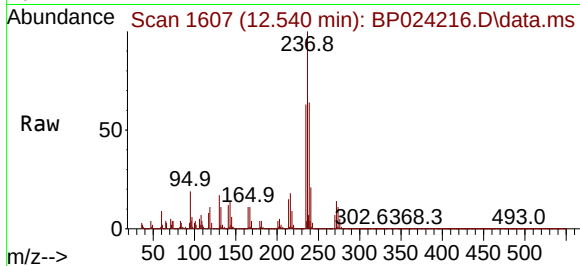




#41
Hexachlorocyclopentadiene
Concen: 177.258 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

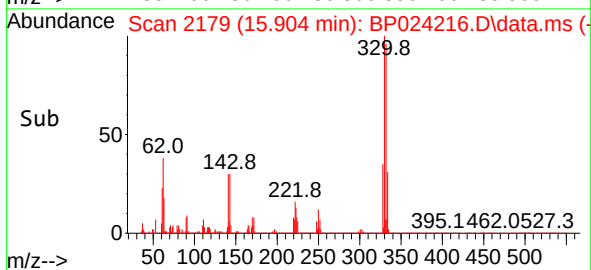
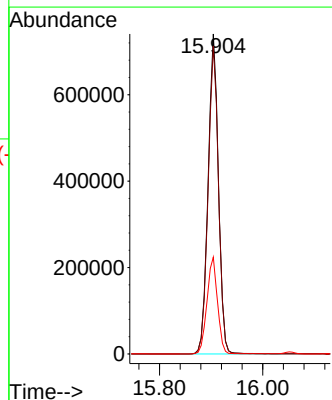
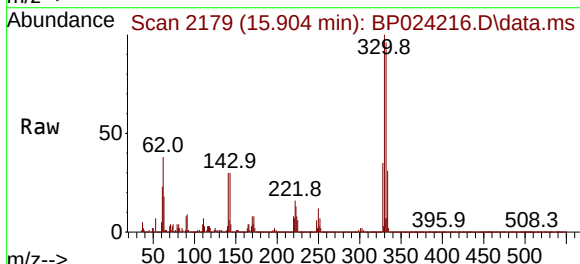
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

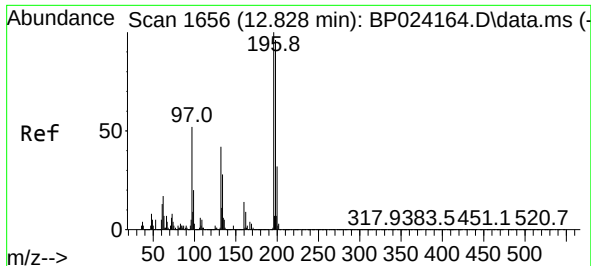
Tgt Ion:237 Resp: 1549799
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 97.255 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:330 Resp: 1027917
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.8 25.0 37.6

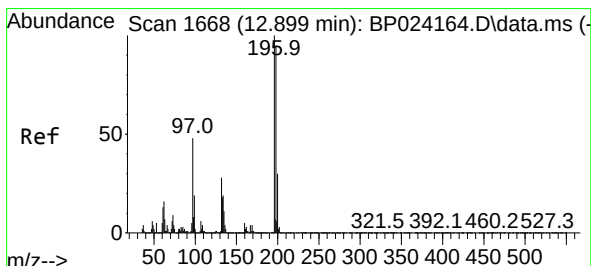
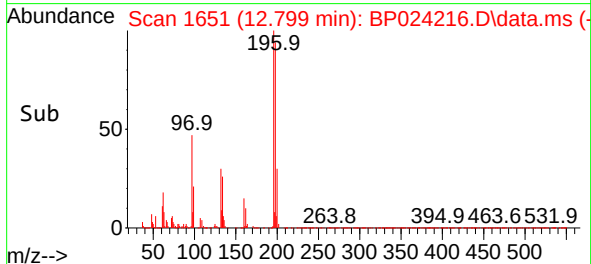
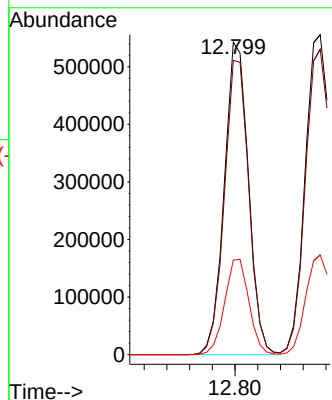
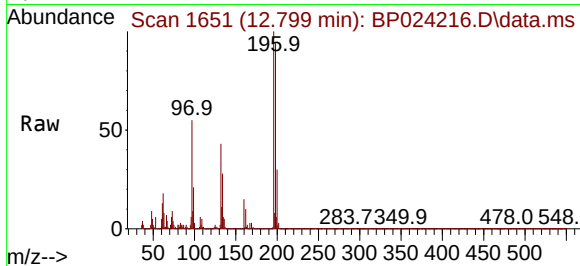




#43
2,4,6-Trichlorophenol
Concen: 52.166 ng
RT: 12.799 min Scan# 1651
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

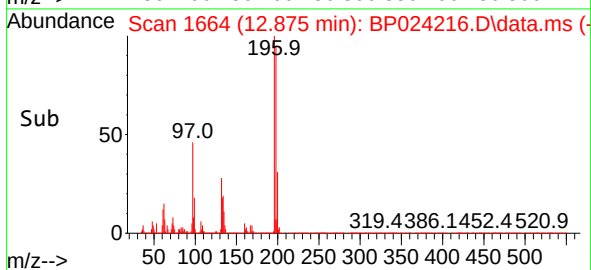
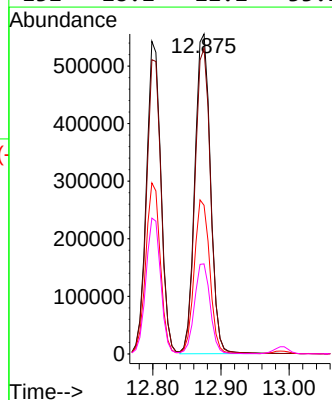
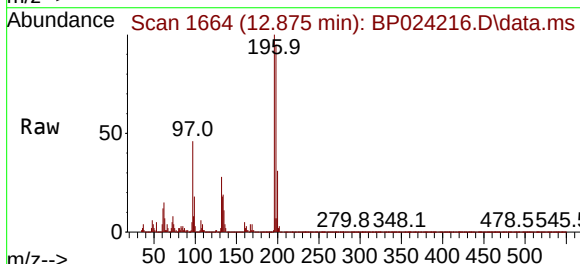
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

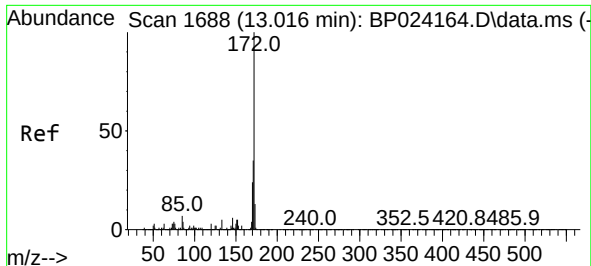
Tgt Ion:196 Resp: 804117
Ion Ratio Lower Upper
196 100
198 94.1 76.6 115.0
200 30.2 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 52.168 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:196 Resp: 881887
Ion Ratio Lower Upper
196 100
198 95.5 76.5 114.7
97 46.5 38.7 58.1
132 28.2 22.2 33.2

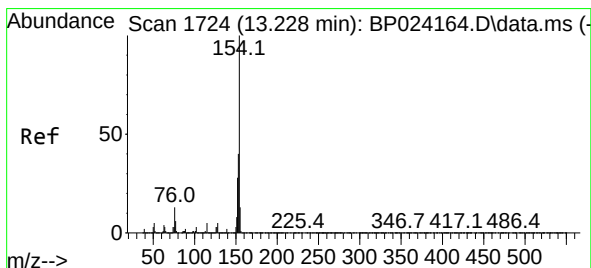
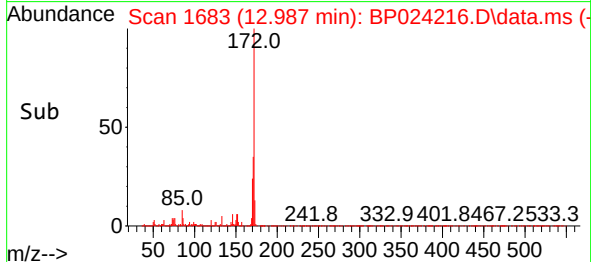
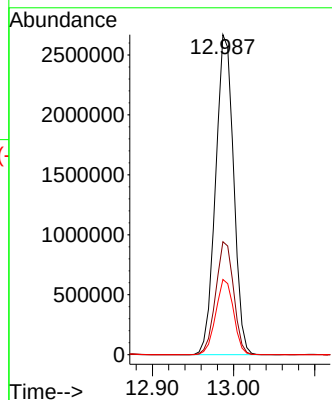
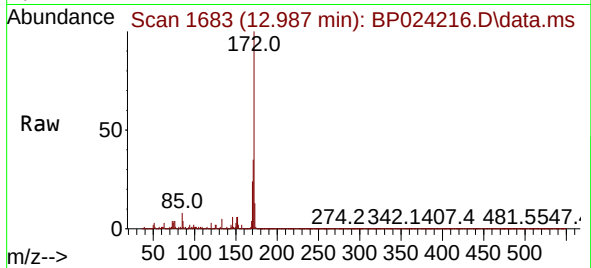




#45
2-Fluorobiphenyl
Concen: 72.260 ng
RT: 12.987 min Scan# 1719
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

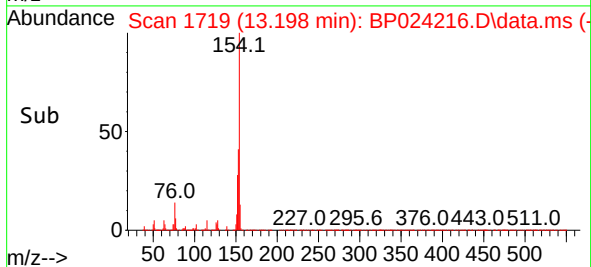
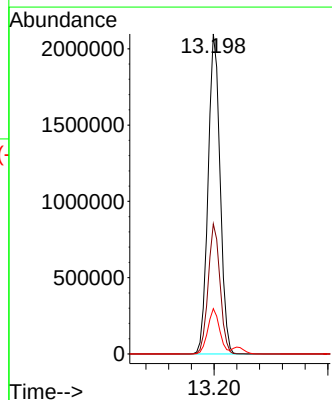
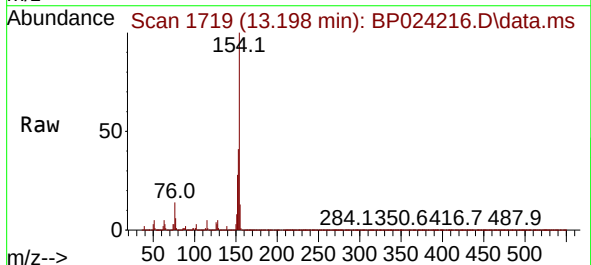
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

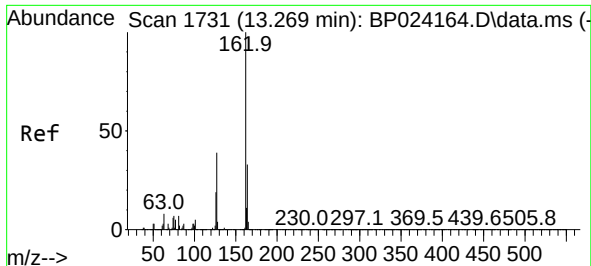
Tgt Ion:172 Resp: 4111962
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.388 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:154 Resp: 3050999
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 14.2 0.0 32.9

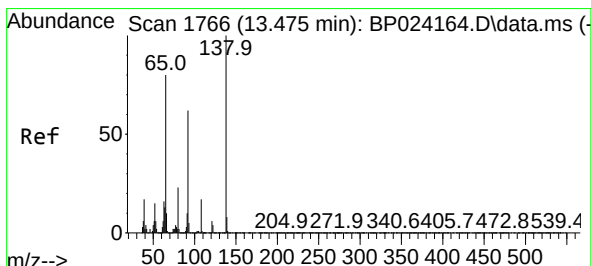
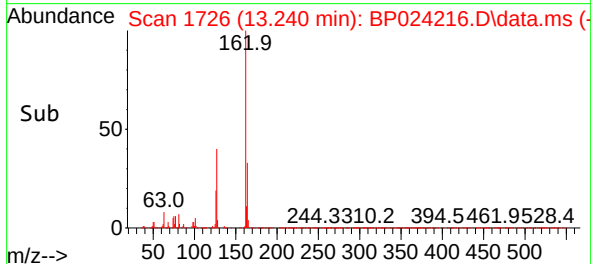
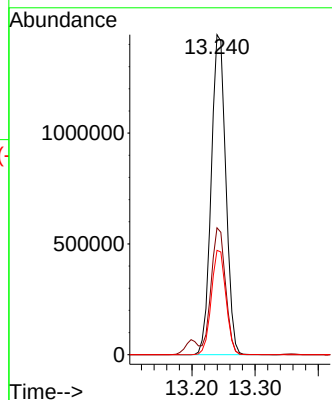
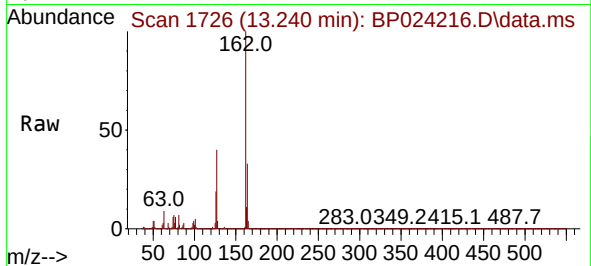




#47
2-Chloronaphthalene
Concen: 48.812 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

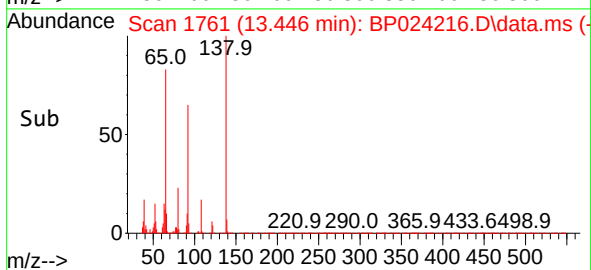
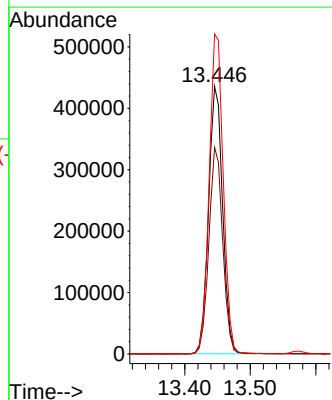
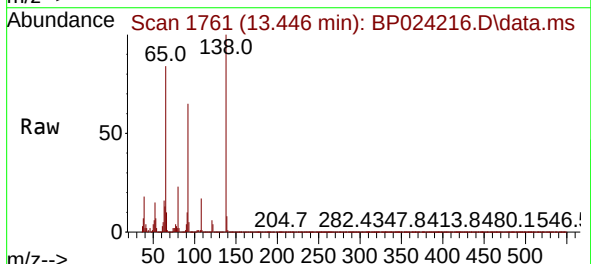
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

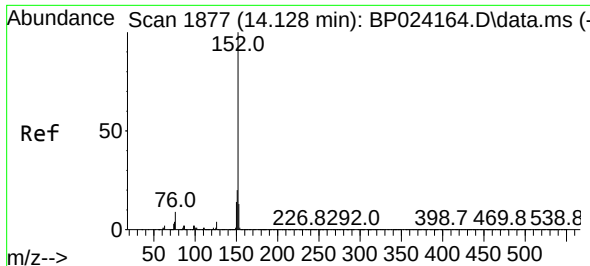
Tgt Ion:162 Resp: 2314992
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 32.6 26.6 39.8



#48
2-Nitroaniline
Concen: 53.576 ng
RT: 13.446 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 65 Resp: 649900
Ion Ratio Lower Upper
65 100
92 77.3 62.1 93.1
138 119.6 99.5 149.3

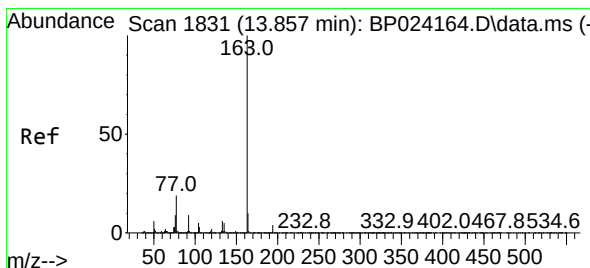
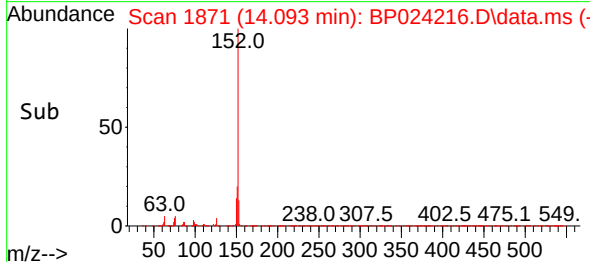
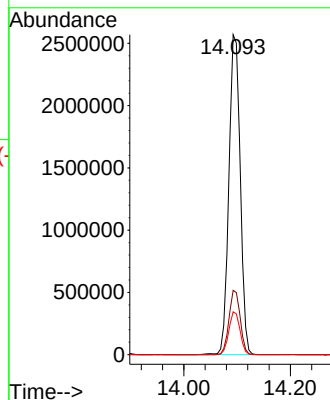
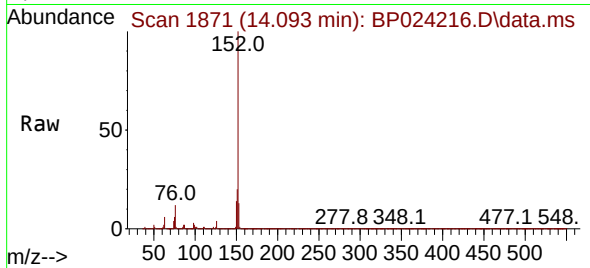




#49
Acenaphthylene
Concen: 53.022 ng
RT: 14.093 min Scan# 1871
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

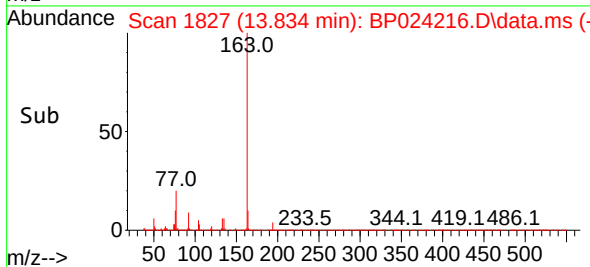
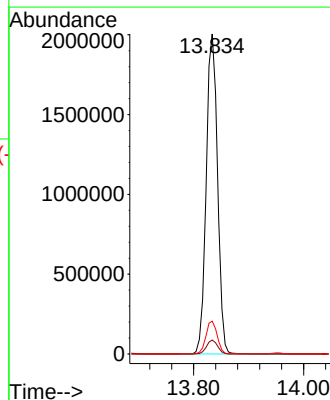
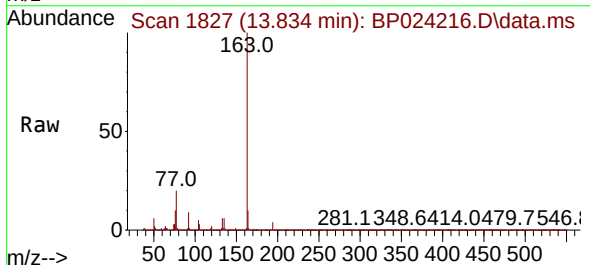
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

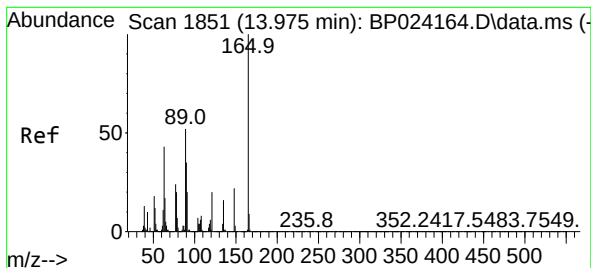
Tgt Ion:152 Resp: 3804944
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 48.510 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:163 Resp: 2848116
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.4

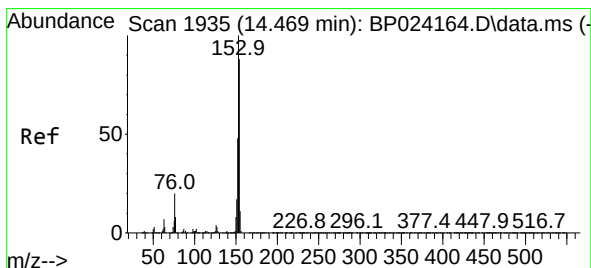
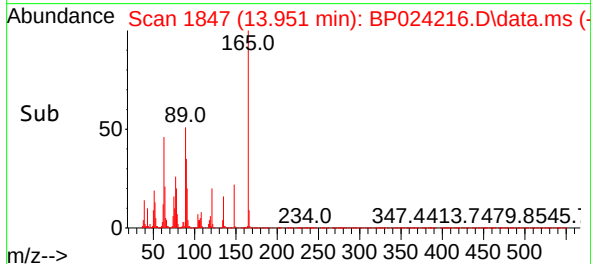
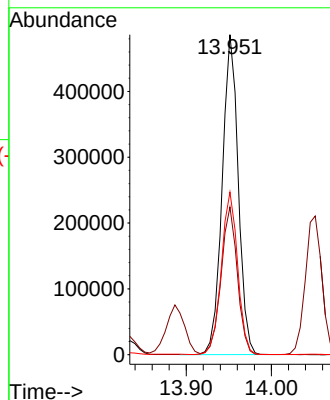
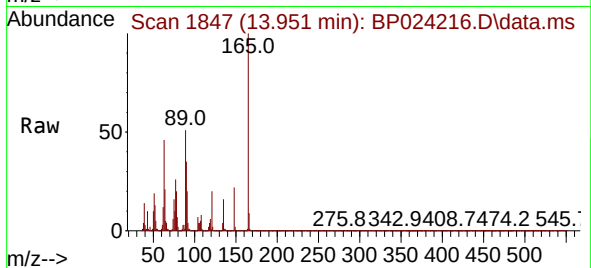




#51
2,6-Dinitrotoluene
Concen: 51.573 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

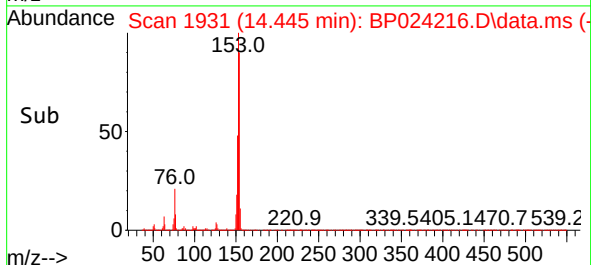
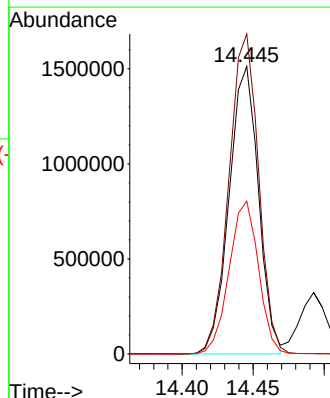
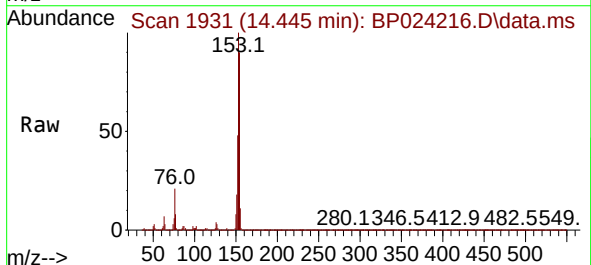
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

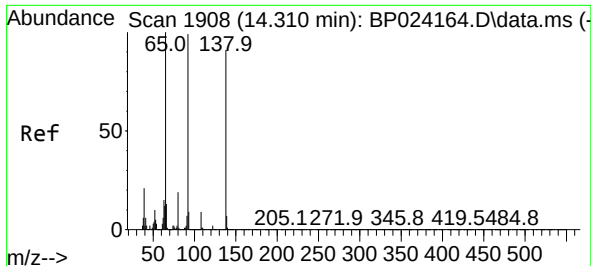
Tgt Ion:165 Resp: 637088
Ion Ratio Lower Upper
165 100
63 46.2 37.7 56.5
89 50.8 41.9 62.9



#52
Acenaphthene
Concen: 47.374 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:154 Resp: 2172104
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 53.2 43.1 64.7

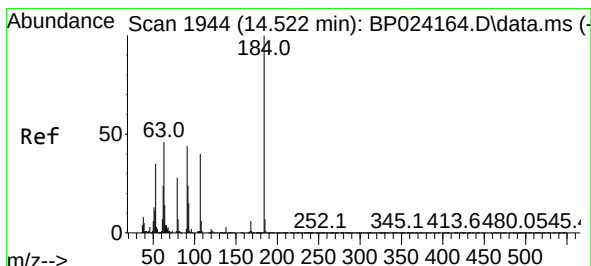
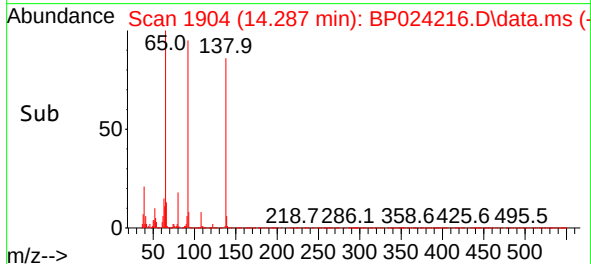
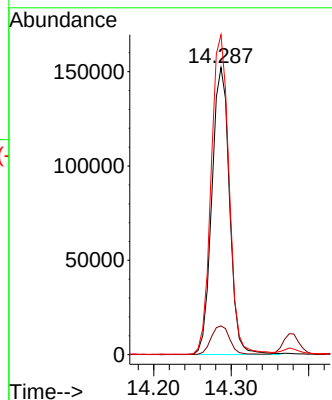
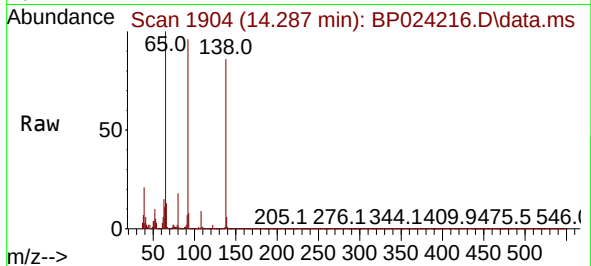




#53
3-Nitroaniline
Concen: 18.034 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

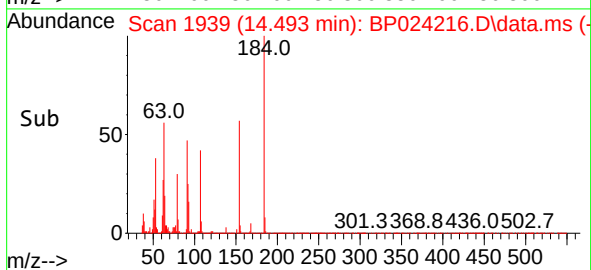
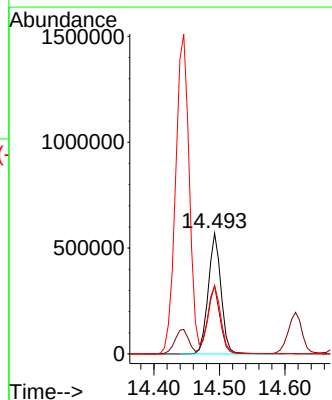
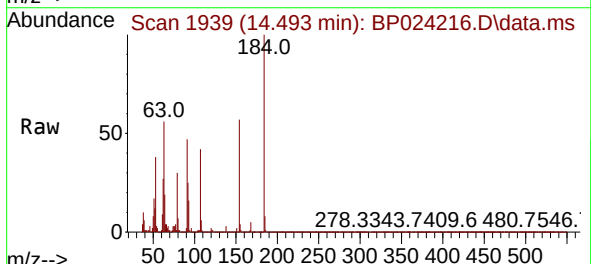
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

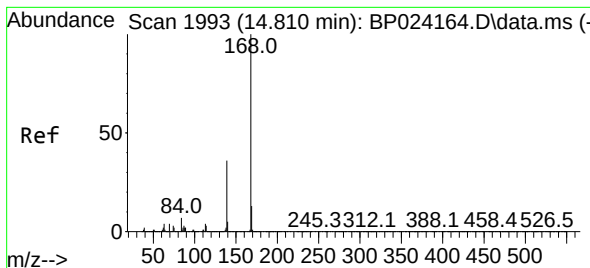
Tgt Ion:138 Resp: 240615
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 111.4 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 118.823 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:184 Resp: 776688
Ion Ratio Lower Upper
184 100
63 56.2 42.1 63.1
154 56.7 44.6 67.0





#55

Dibenzenofuran

Concen: 45.894 ng

RT: 14.781 min Scan# 1993

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

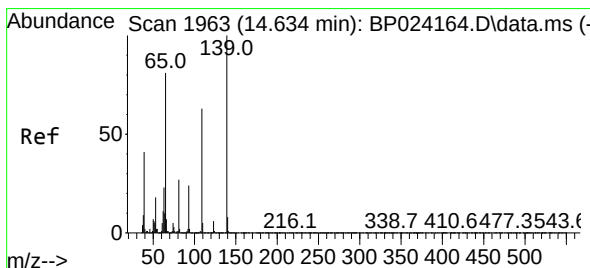
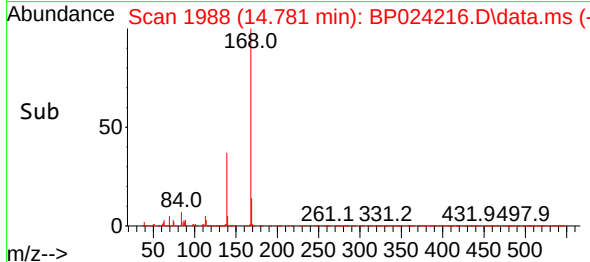
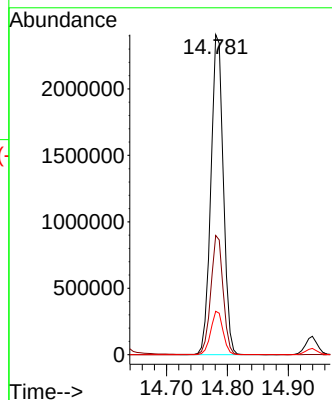
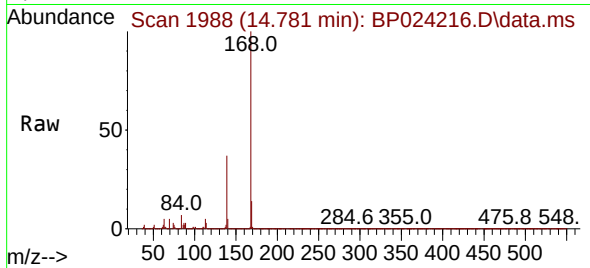
Tgt Ion:168 Resp: 3408533

Ion Ratio Lower Upper

168 100

139 37.2 29.1 43.7

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 111.415 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.018 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

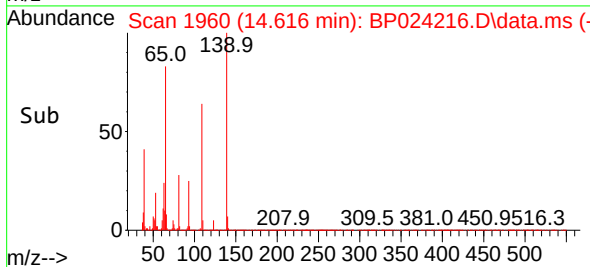
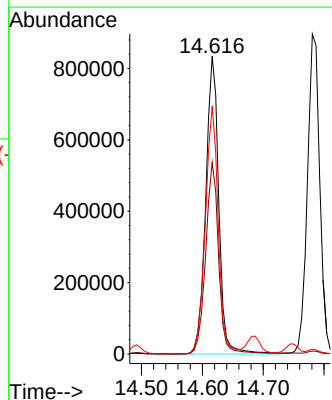
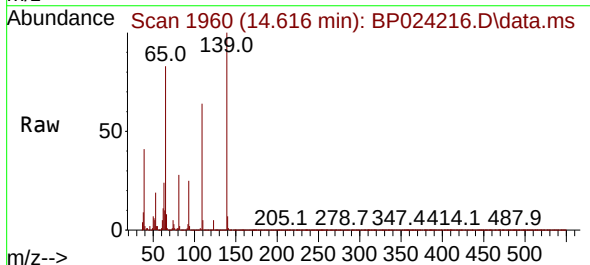
Tgt Ion:139 Resp: 1242109

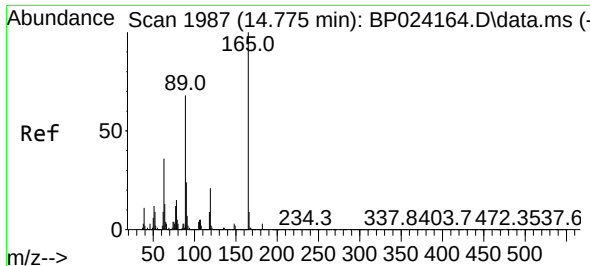
Ion Ratio Lower Upper

139 100

109 64.3 43.3 83.3

65 83.2 61.2 101.2

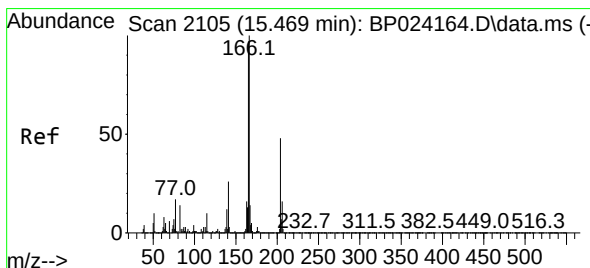
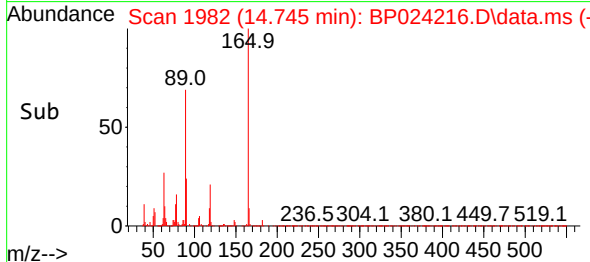
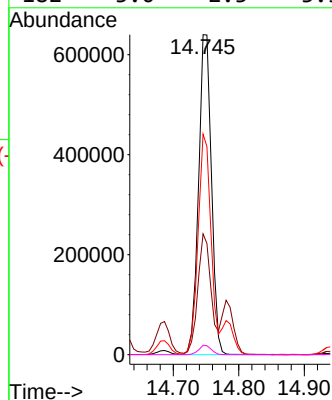
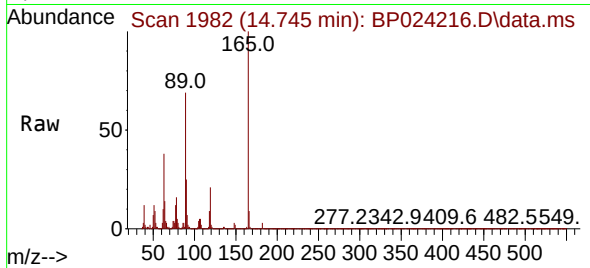




#57
2,4-Dinitrotoluene
Concen: 53.704 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

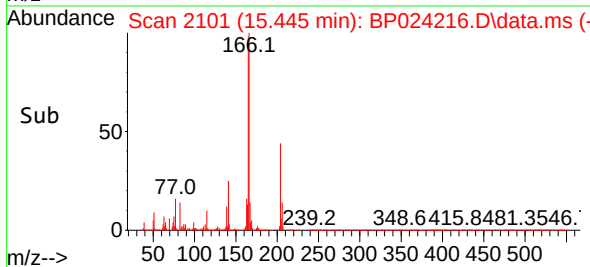
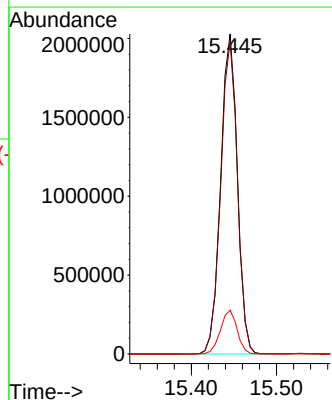
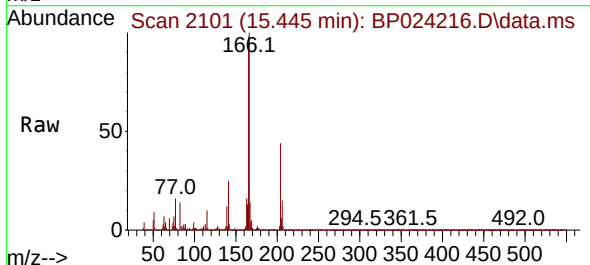
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

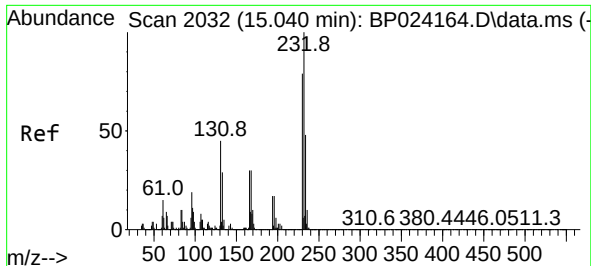
Tgt Ion:165 Resp: 876316
Ion Ratio Lower Upper
165 100
63 37.8 29.0 43.6
89 68.9 54.2 81.4
182 3.0 2.3 3.5



#58
Fluorene
Concen: 47.788 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:166 Resp: 2765323
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.913 ng

RT: 15.022 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:232 Resp: 745474

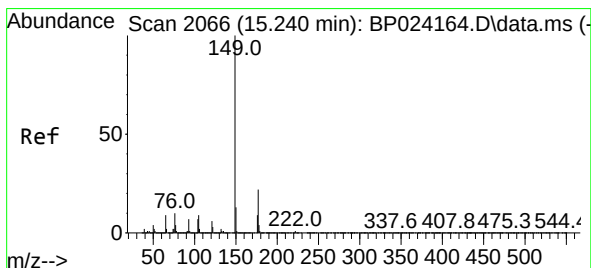
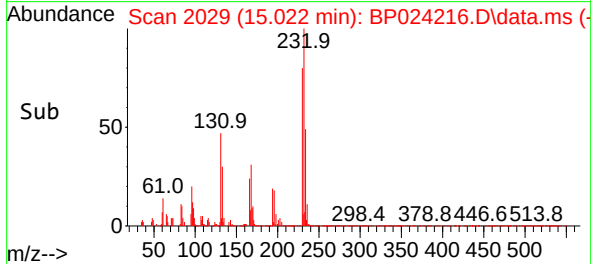
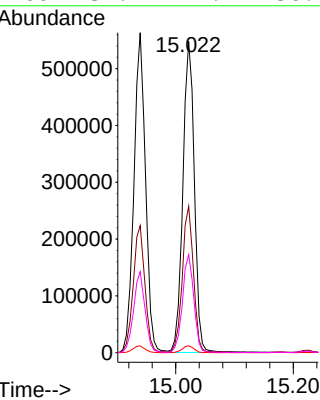
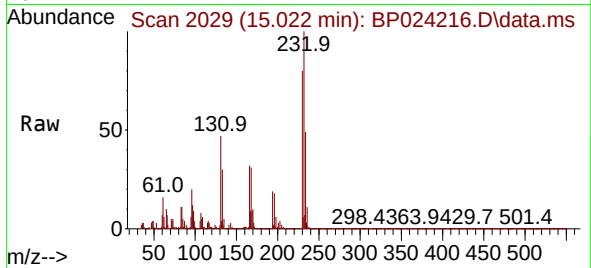
Ion Ratio Lower Upper

232 100

131 45.6 35.9 53.9

130 2.3 1.8 2.6

166 31.1 24.2 36.2



#60

Diethylphthalate

Concen: 49.222 ng

RT: 15.222 min Scan# 2063

Delta R.T. -0.018 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

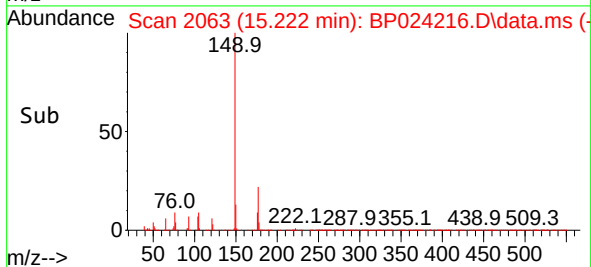
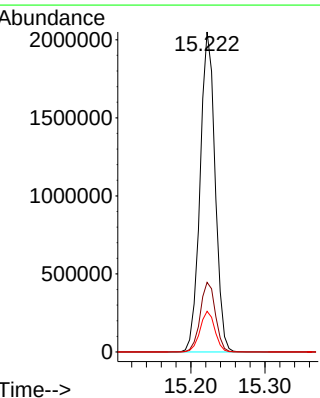
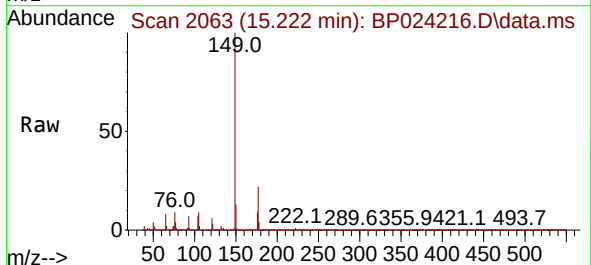
Tgt Ion:149 Resp: 2877884

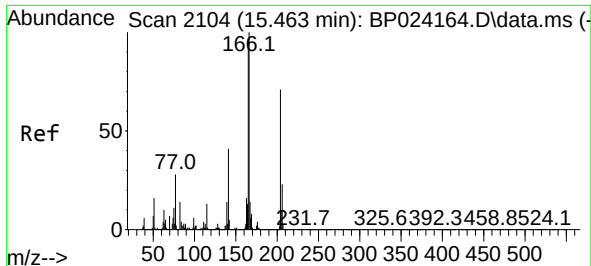
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.7 10.2 15.4

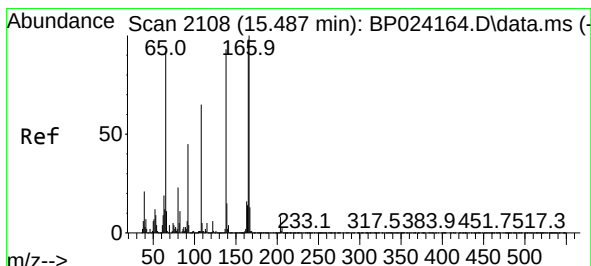
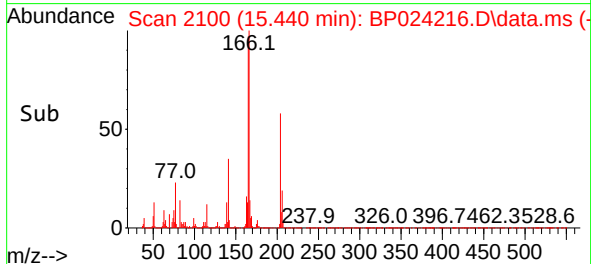
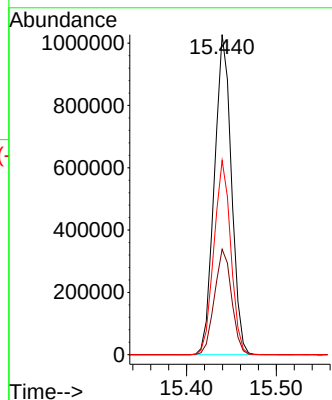
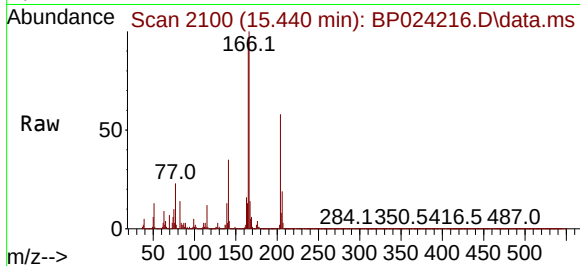




#61
4-Chlorophenyl-phenylether
Concen: 47.805 ng
RT: 15.440 min Scan# 2104
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

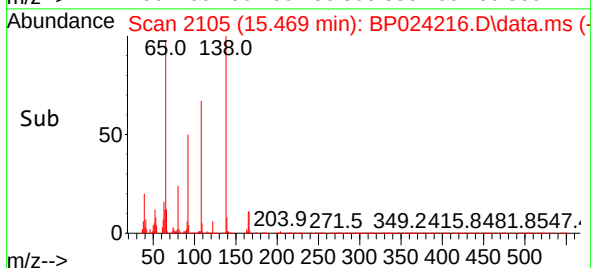
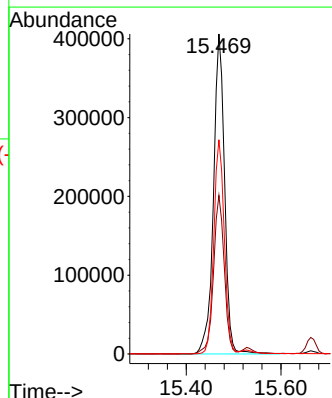
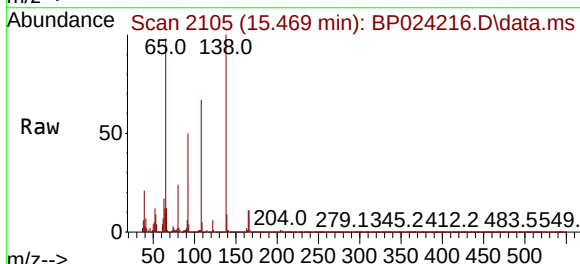
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

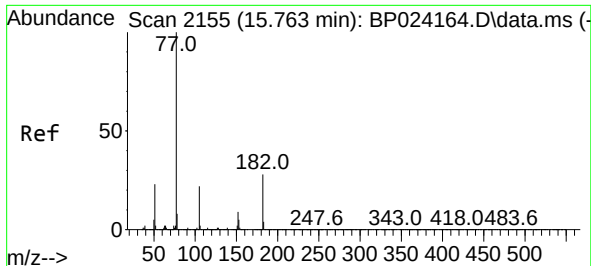
Tgt Ion:204 Resp: 1356787
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.7 45.8 68.8



#62
4-Nitroaniline
Concen: 47.399 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:138 Resp: 663283
Ion Ratio Lower Upper
138 100
92 49.6 28.7 68.7
108 67.0 49.5 89.5



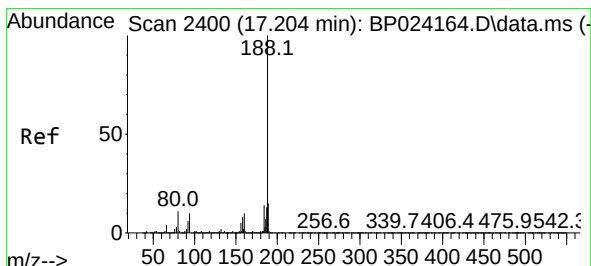
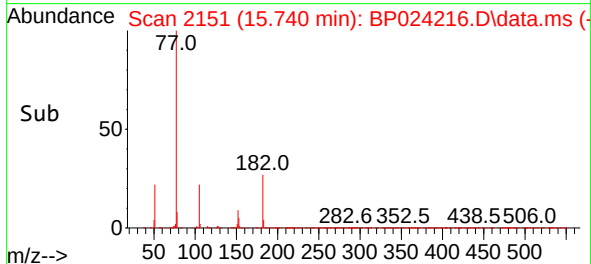
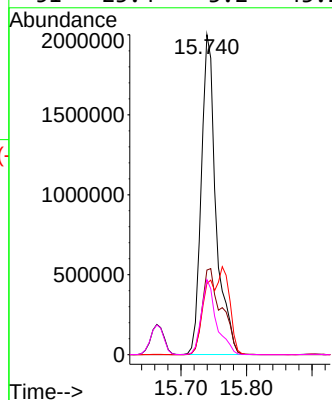
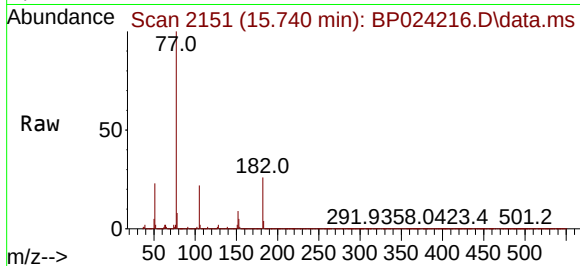


#63
Azobenzene
Concen: 56.694 ng
RT: 15.740 min Scan# 2155
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

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

Tgt Ion: 77 Resp: 3124242

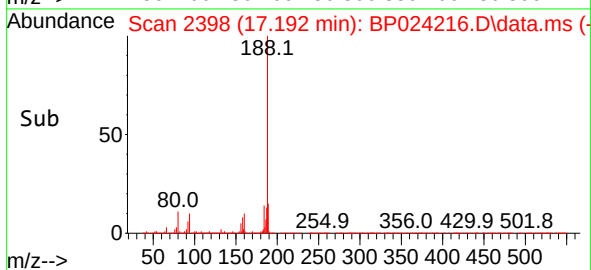
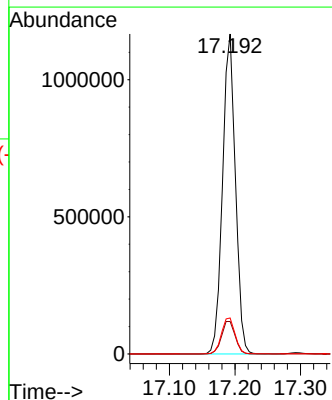
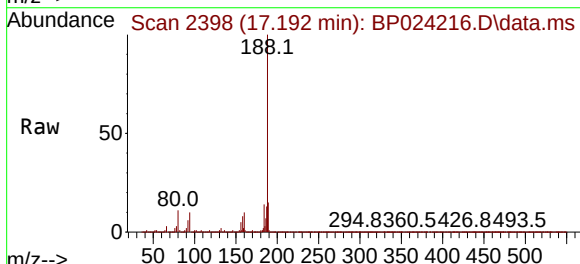
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.7	47.7
105	22.3	2.3	42.3
51	23.4	3.2	43.2

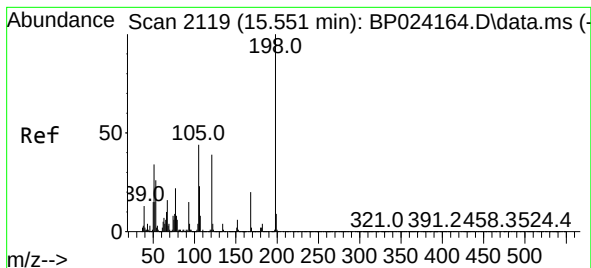


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion: 188 Resp: 1580328

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.3	8.9	13.3

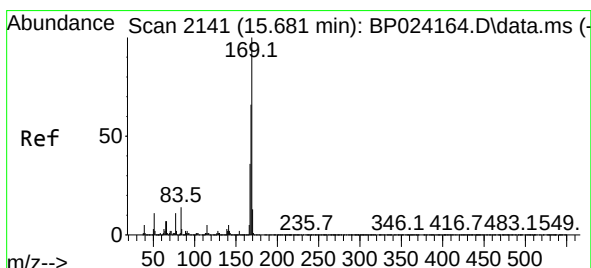
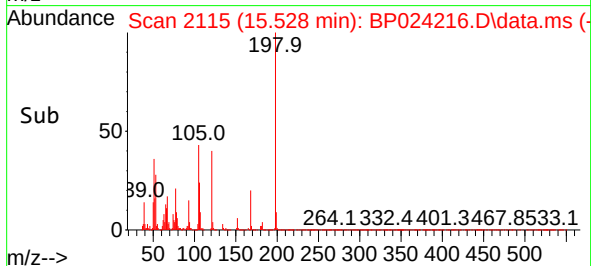
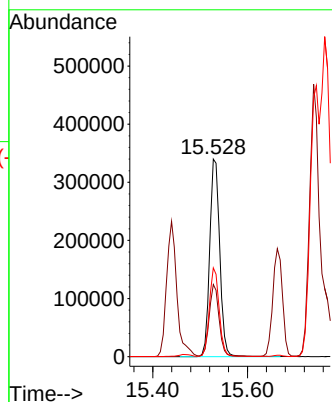
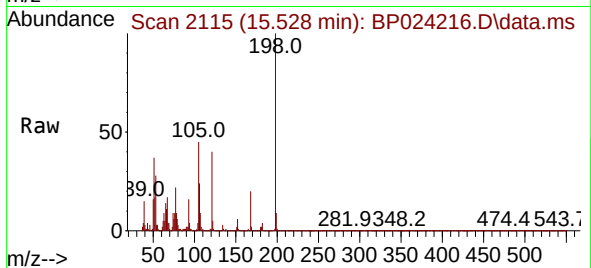




#65
4,6-Dinitro-2-methylphenol
Concen: 53.264 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

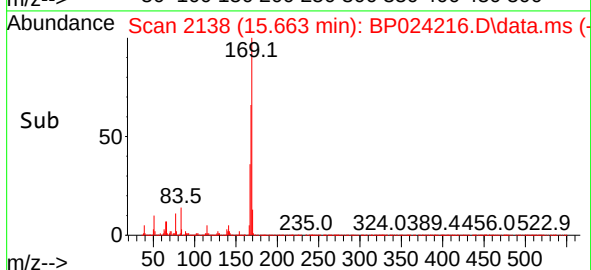
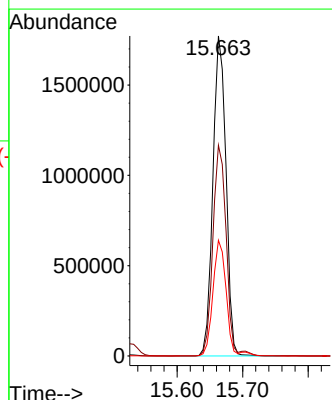
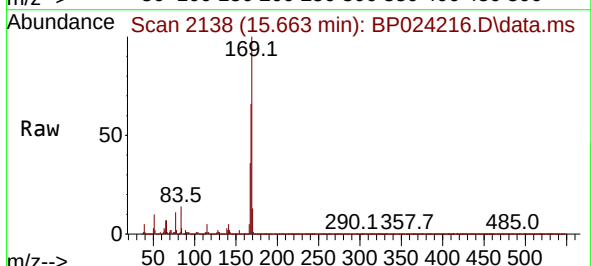
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

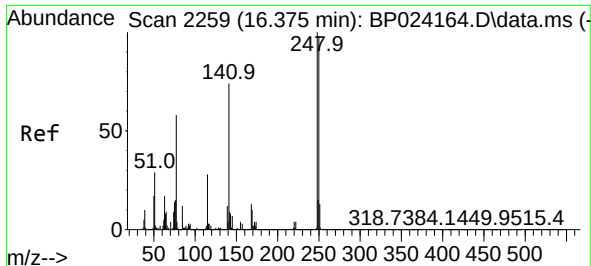
Tgt Ion:198 Resp: 499710
Ion Ratio Lower Upper
198 100
51 36.5 14.7 54.7
105 45.0 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 50.971 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:169 Resp: 2446073
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.2 28.8 43.2

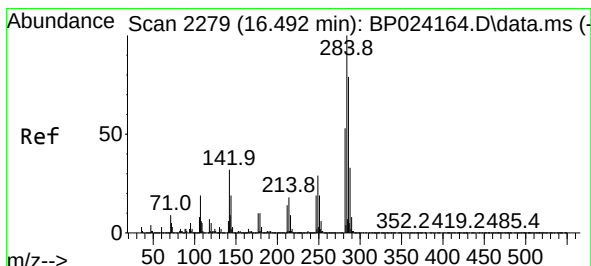
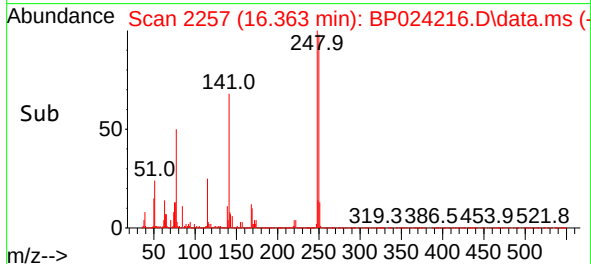
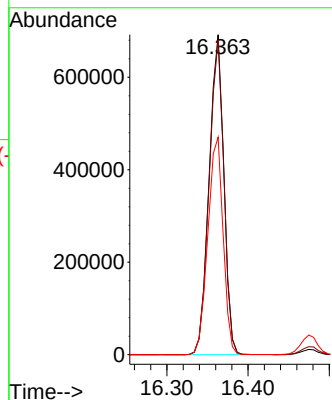
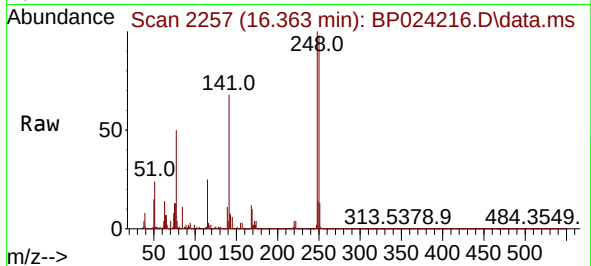




#67
4-Bromophenyl-phenylether
Concen: 50.249 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

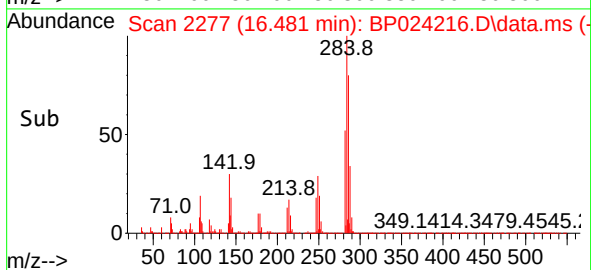
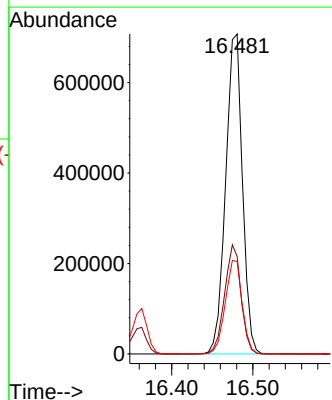
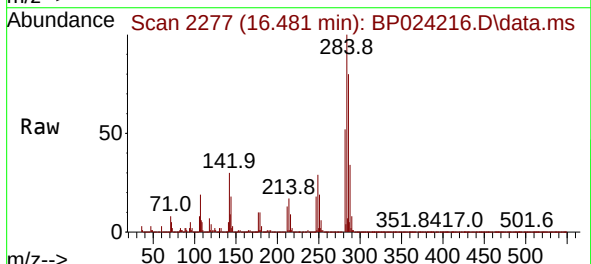
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

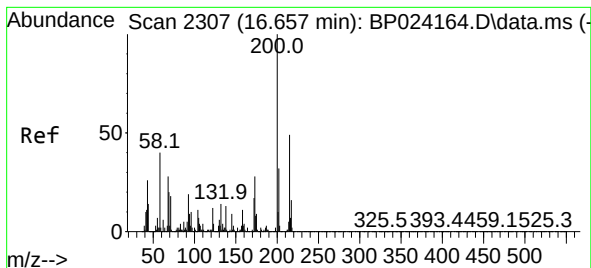
Tgt Ion:248 Resp: 871839
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 67.9 59.4 89.0



#68
Hexachlorobenzene
Concen: 49.465 ng
RT: 16.481 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:284 Resp: 1015816
Ion Ratio Lower Upper
284 100
142 30.5 25.4 38.2
249 28.9 23.5 35.3





#69

Atrazine

Concen: 73.585 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

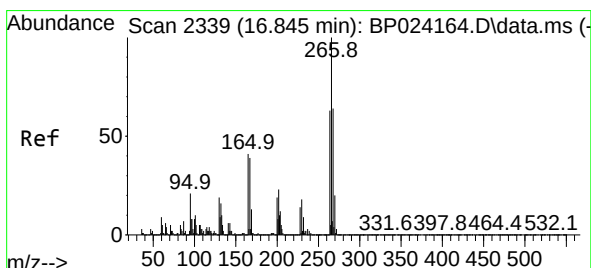
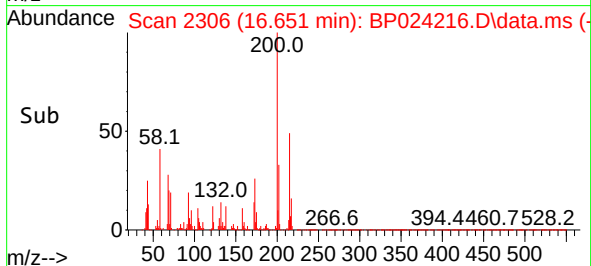
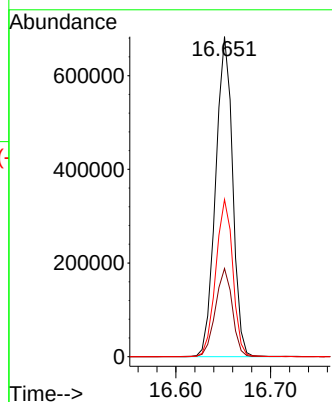
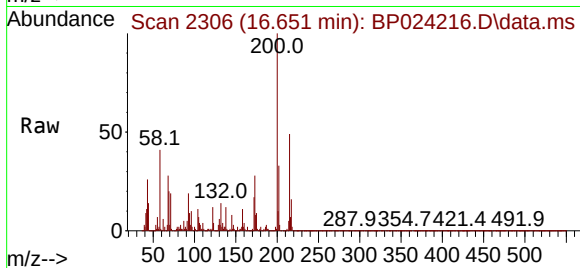
Tgt Ion:200 Resp: 852340

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 49.1 29.0 69.0



#70

Pentachlorophenol

Concen: 107.999 ng

RT: 16.834 min Scan# 2337

Delta R.T. -0.012 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

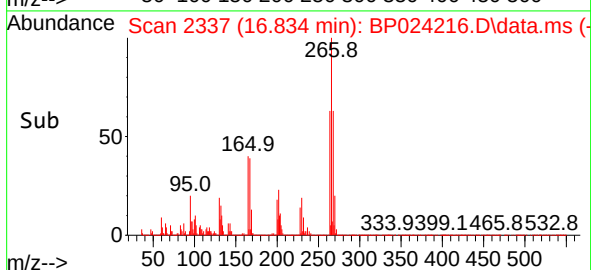
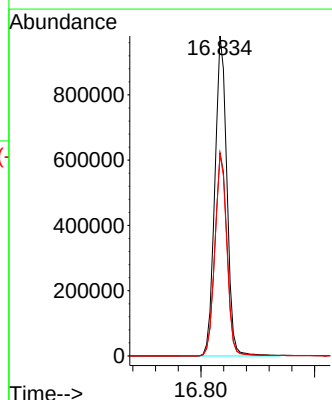
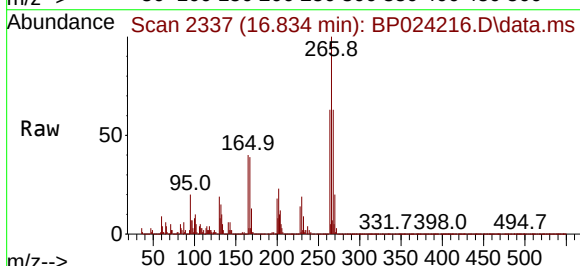
Tgt Ion:266 Resp: 1434267

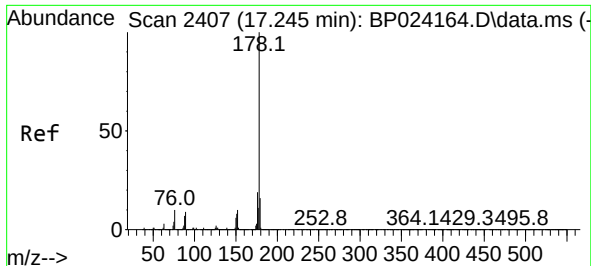
Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

264 63.1 50.6 76.0

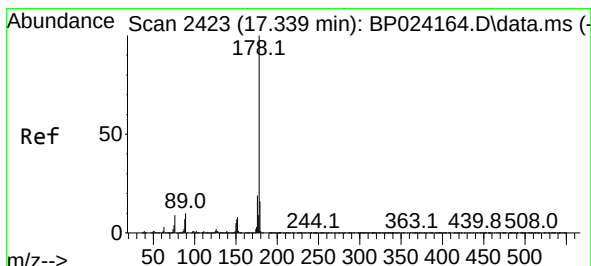
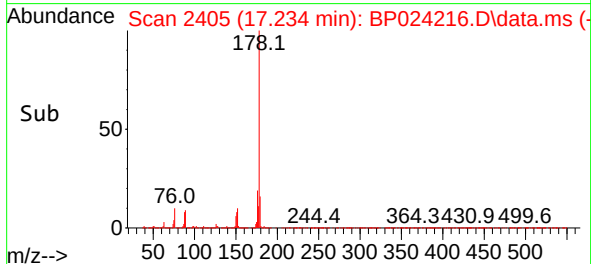
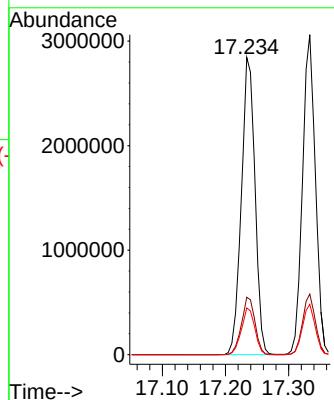
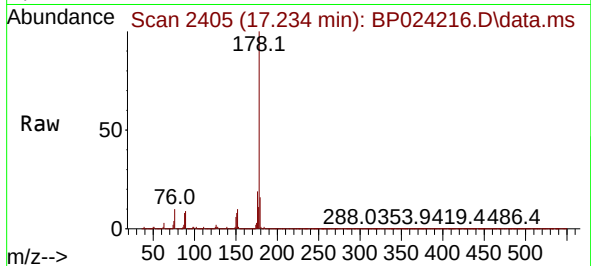




#71
Phenanthrene
Concen: 49.460 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

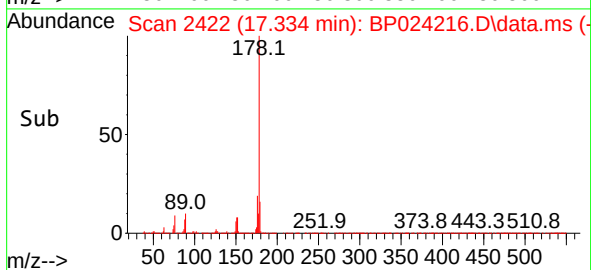
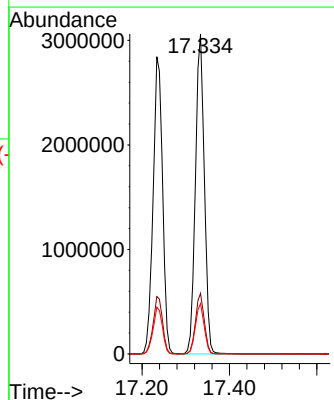
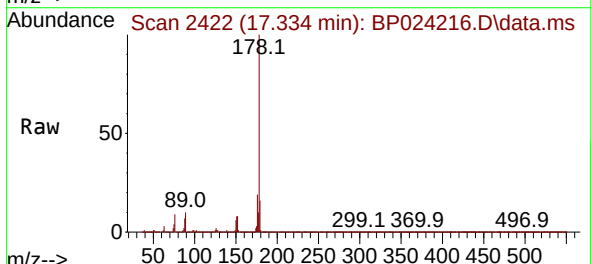
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

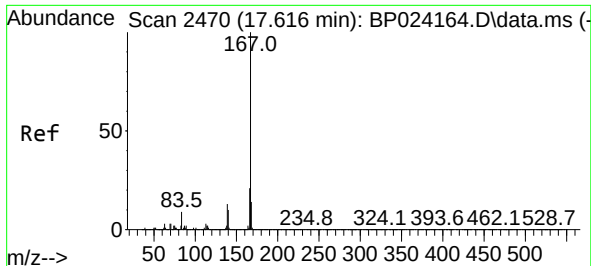
Tgt Ion:178 Resp: 4270042
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 51.826 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:178 Resp: 4357809
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.8 12.6 18.8



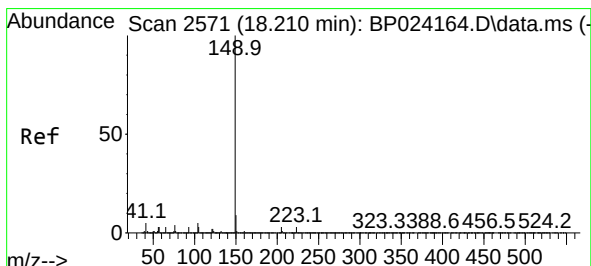
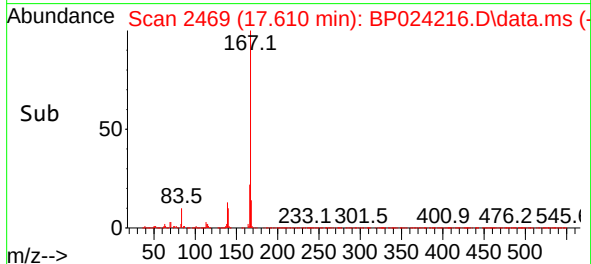
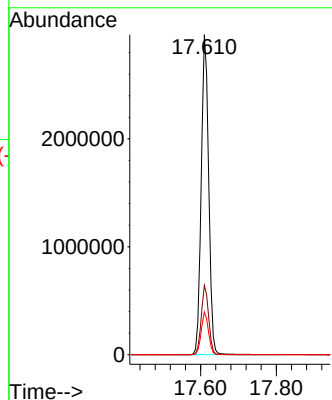
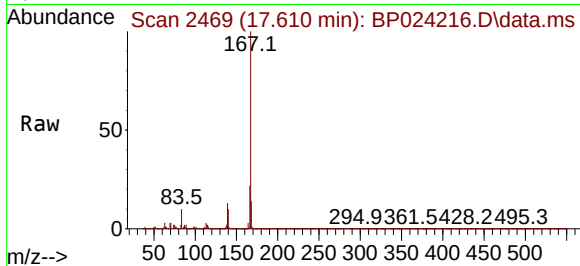


#73
 Carbazole
 Concen: 50.097 ng
 RT: 17.610 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

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

Tgt Ion:167 Resp: 4062352

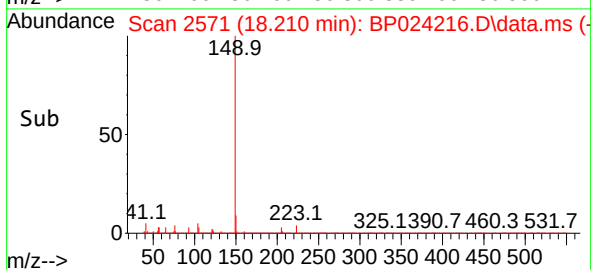
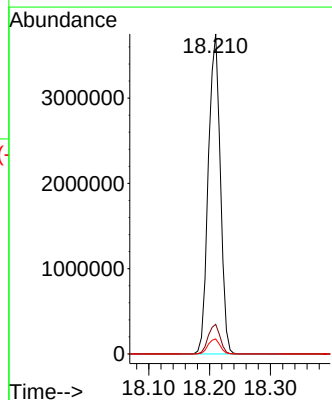
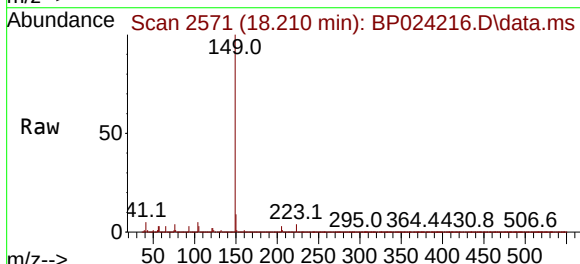
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.3	10.2	15.4

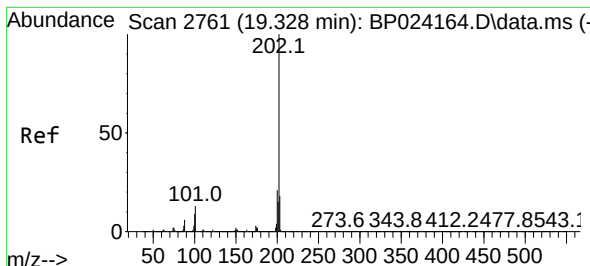


#74
 Di-n-butylphthalate
 Concen: 53.298 ng
 RT: 18.210 min Scan# 2571
 Delta R.T. -0.000 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

Tgt Ion:149 Resp: 5130594

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 49.873 ng

RT: 19.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

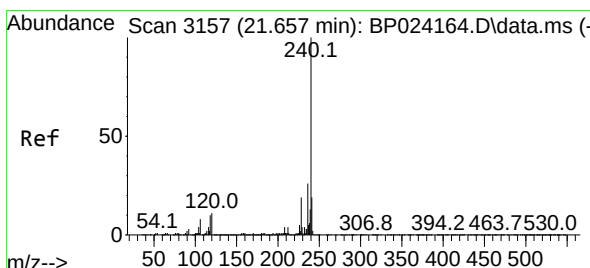
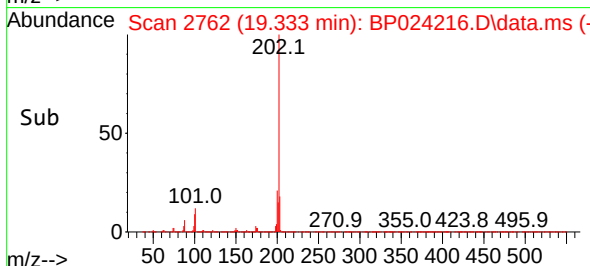
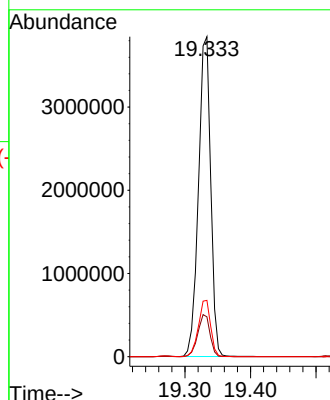
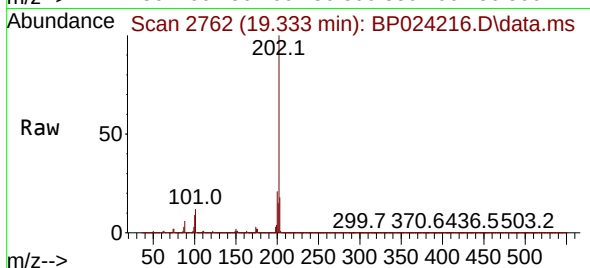
Tgt Ion:202 Resp: 4986707

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

203 17.6 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

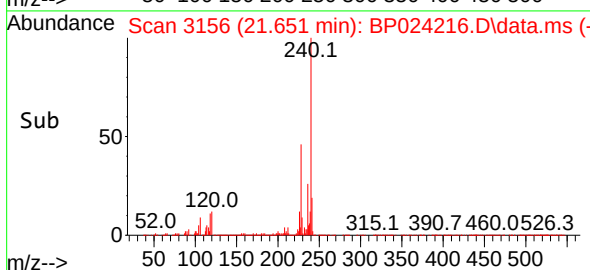
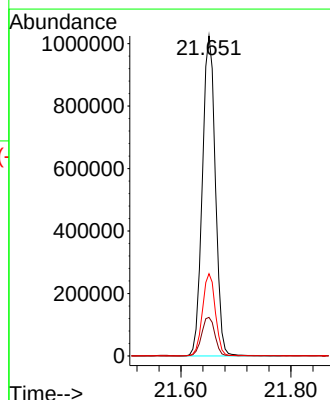
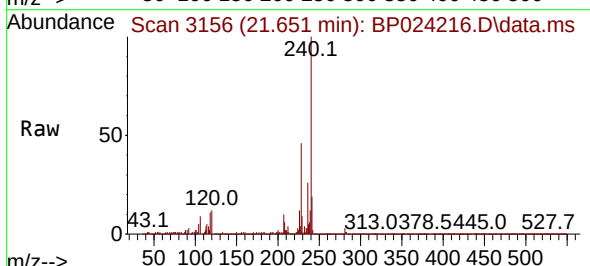
Tgt Ion:240 Resp: 1682505

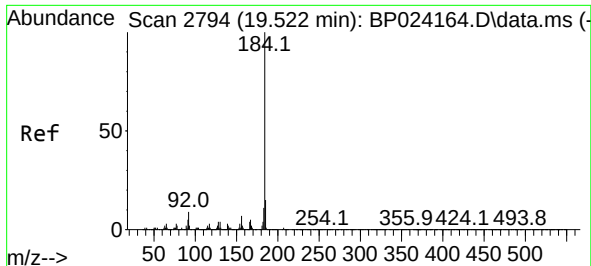
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.7 20.4 30.6

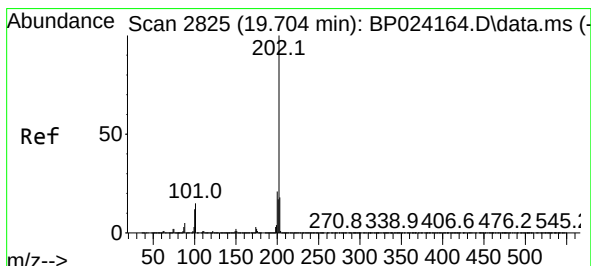
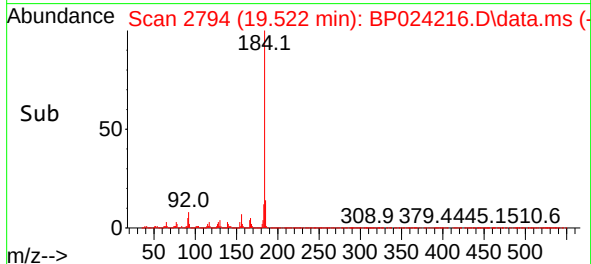
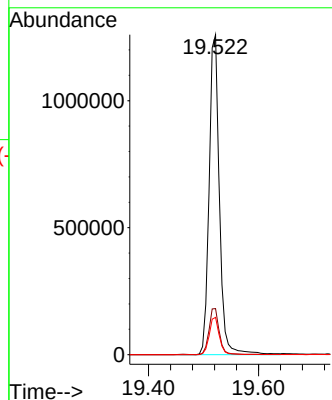
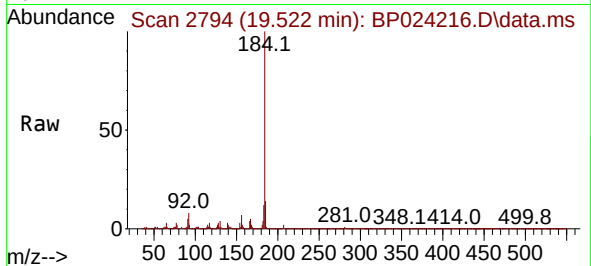




#77
Benzidine
Concen: 88.599 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

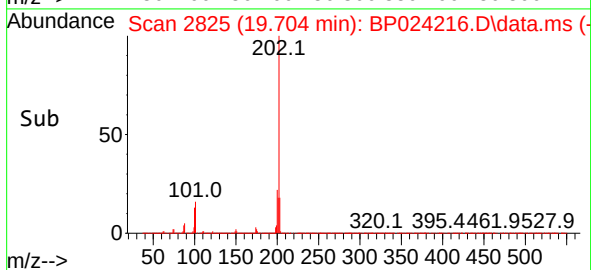
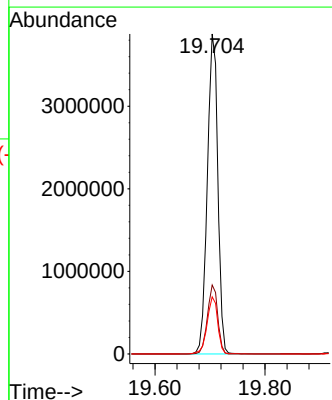
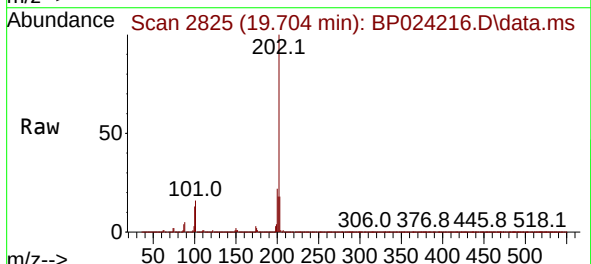
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

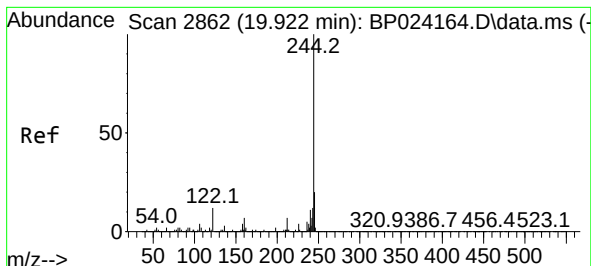
Tgt Ion:184 Resp: 1629821
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.6 9.1 13.7



#78
Pyrene
Concen: 48.928 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:202 Resp: 5117907
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 76.346 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

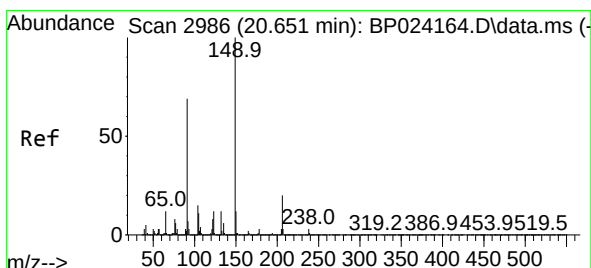
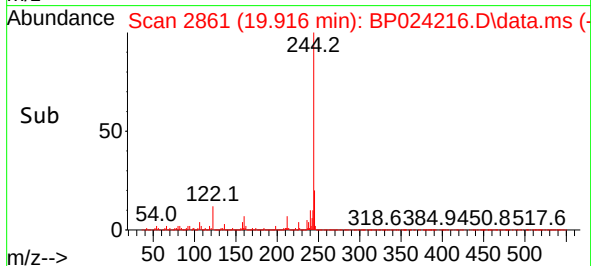
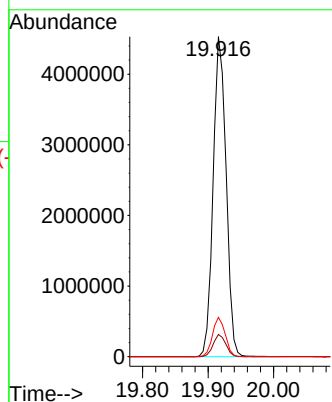
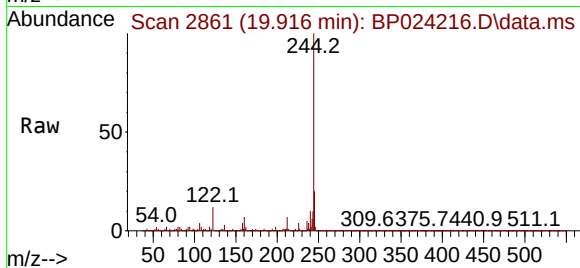
Tgt Ion:244 Resp: 6222833

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 56.821 ng

RT: 20.657 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

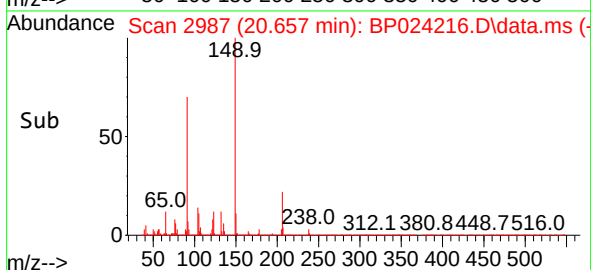
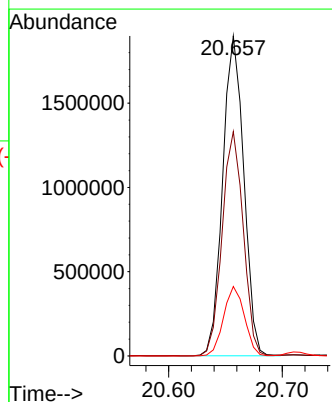
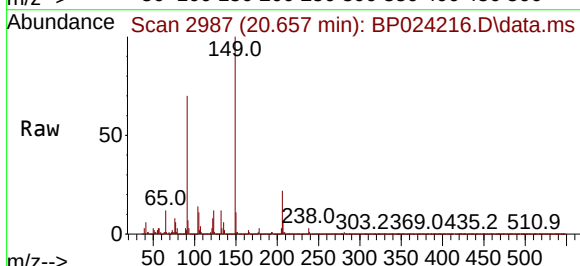
Tgt Ion:149 Resp: 2450988

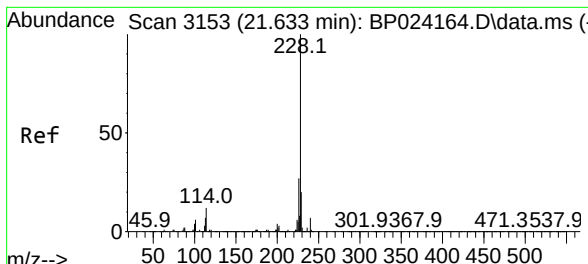
Ion Ratio Lower Upper

149 100

91 70.1 55.3 82.9

206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.465 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

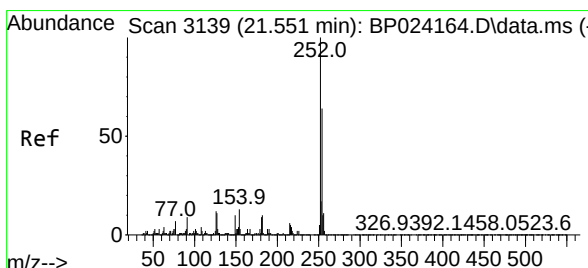
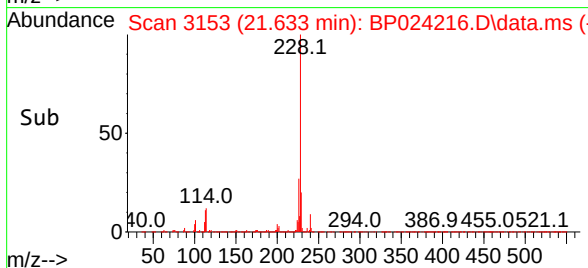
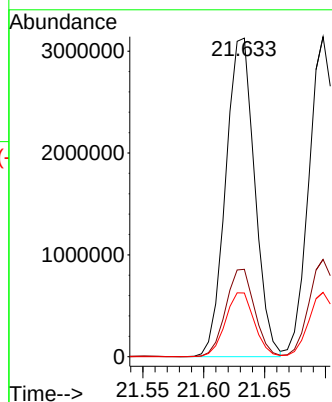
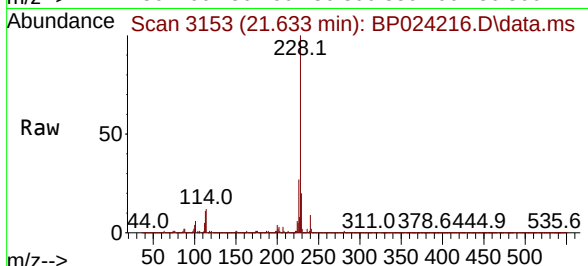
Tgt Ion:228 Resp: 5174331

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 23.633 ng

RT: 21.551 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

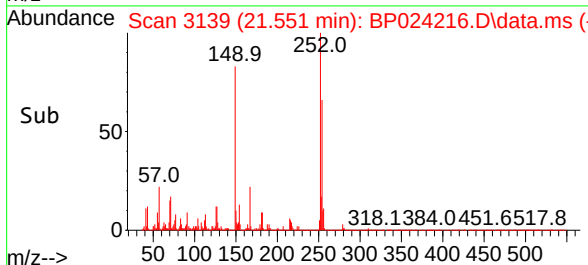
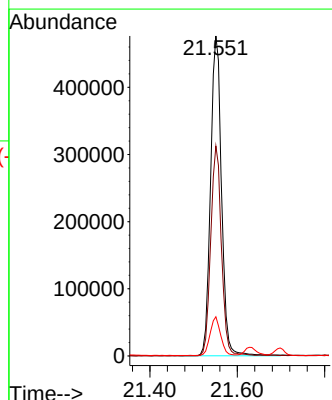
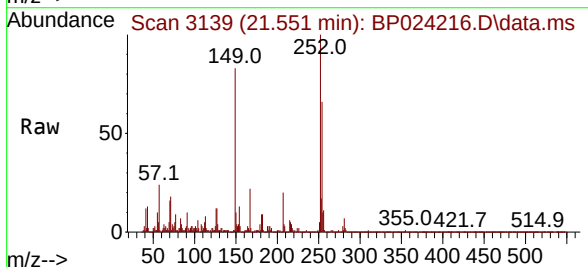
Tgt Ion:252 Resp: 828540

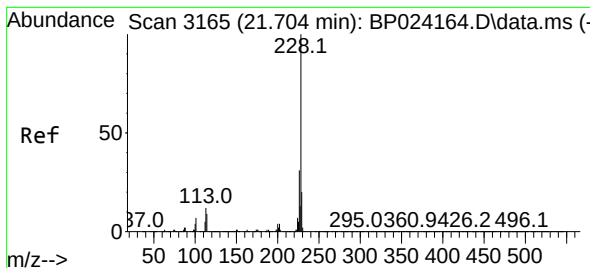
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

126 12.3 9.3 13.9





#83

Chrysene

Concen: 48.713 ng

RT: 21.698 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

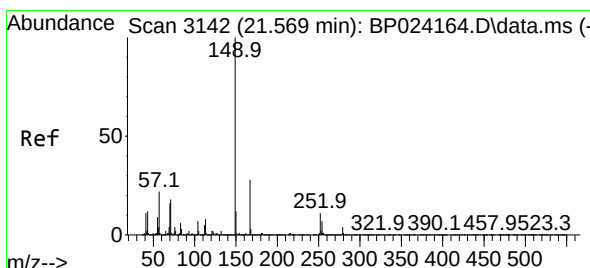
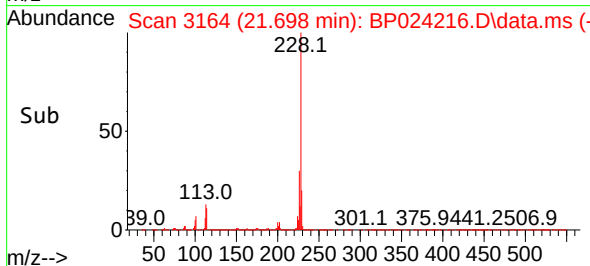
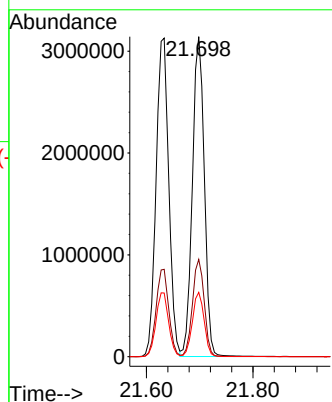
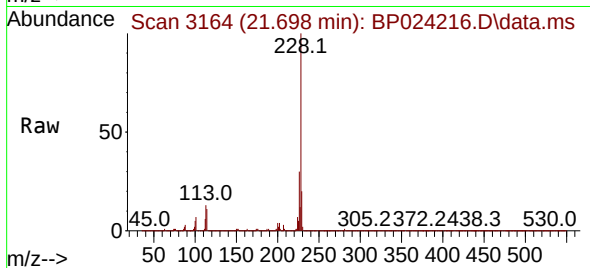
Tgt Ion:228 Resp: 4898522

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.311 ng

RT: 21.569 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

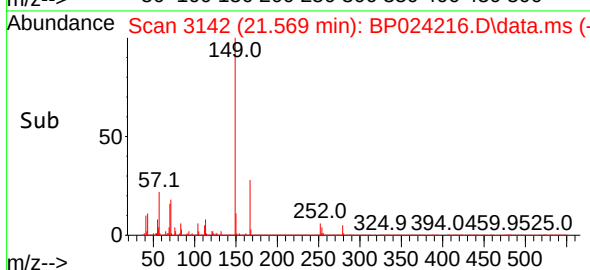
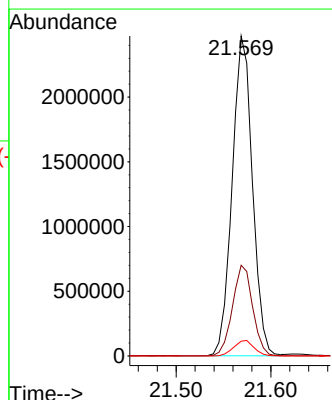
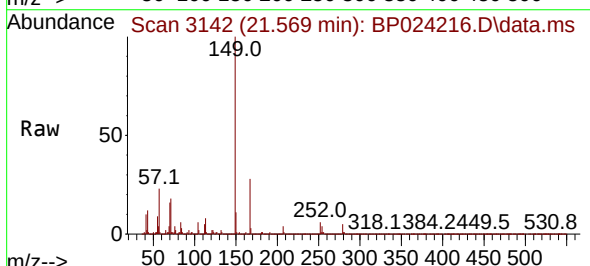
Tgt Ion:149 Resp: 3665117

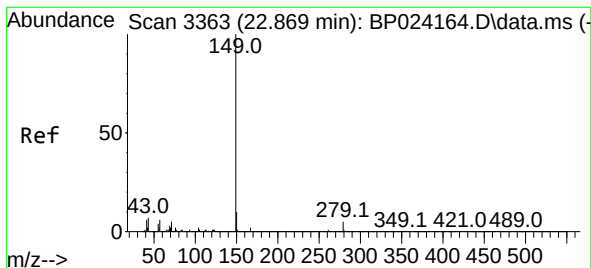
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 59.386 ng

RT: 22.869 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

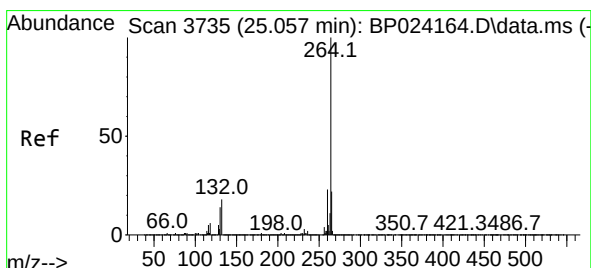
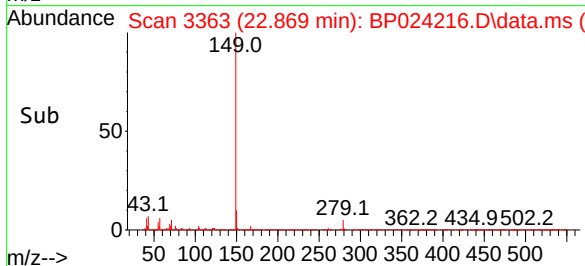
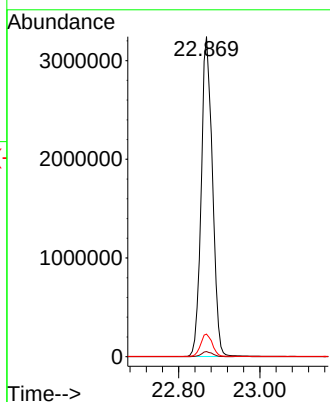
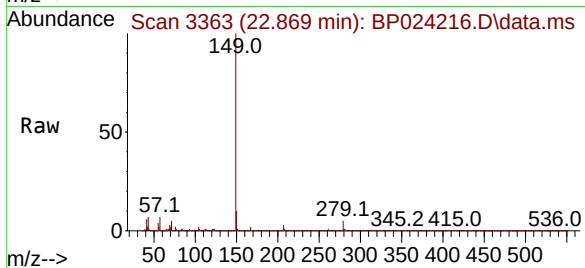
Tgt Ion:149 Resp: 6192962

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: 25.027 min Scan# 3730

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

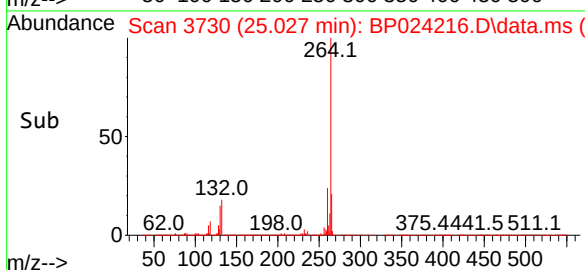
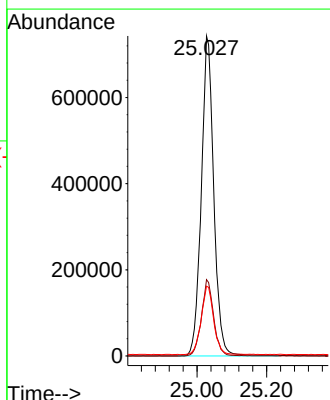
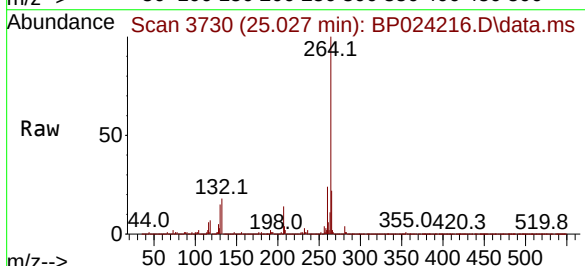
Tgt Ion:264 Resp: 1850740

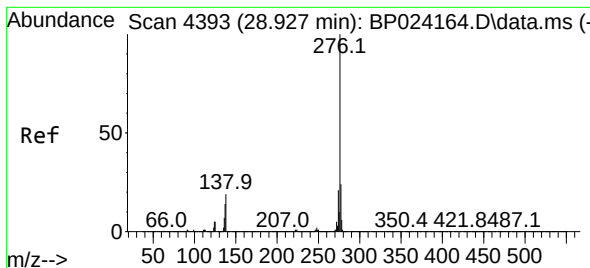
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.832 ng

RT: 28.886 min Scan# 4393

Delta R.T. -0.041 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

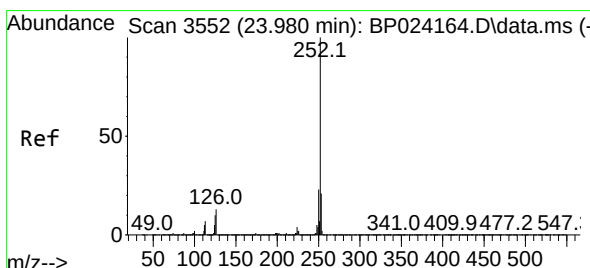
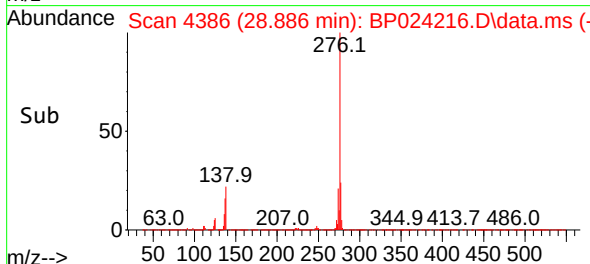
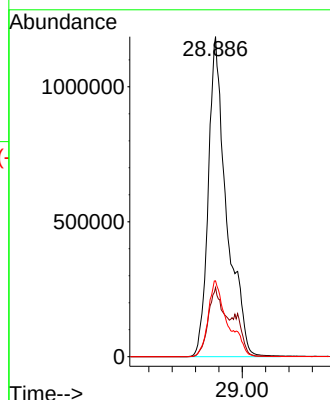
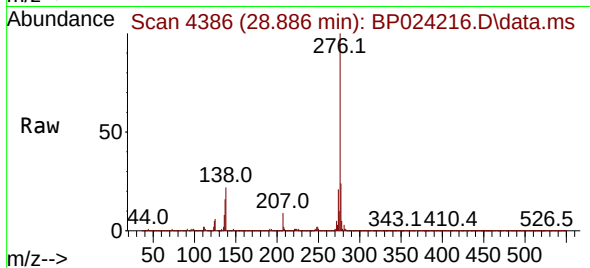
Tgt Ion:276 Resp: 6436692

Ion Ratio Lower Upper

276 100

138 18.8 13.7 20.5

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.497 ng

RT: 23.980 min Scan# 3552

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

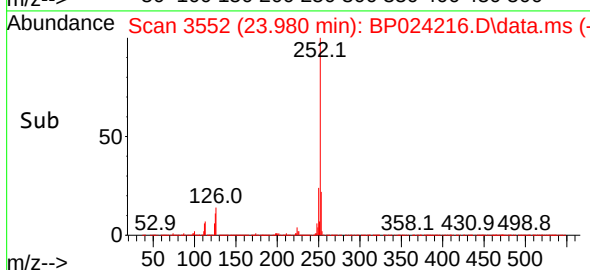
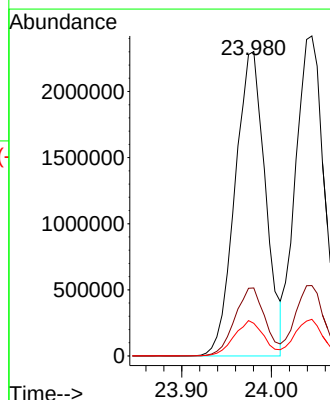
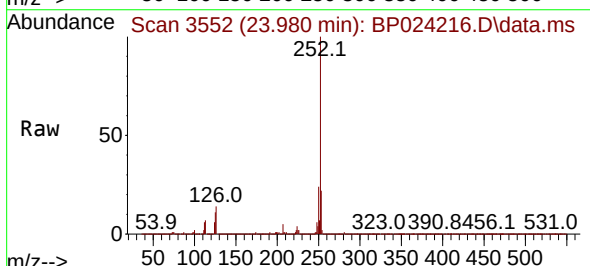
Tgt Ion:252 Resp: 5411714

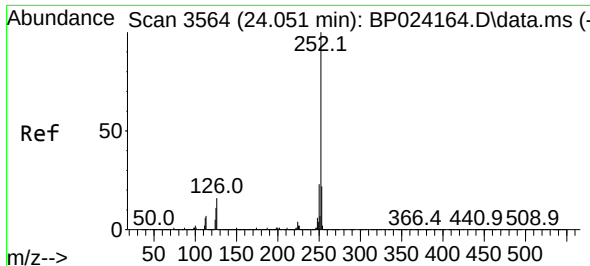
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 10.7 8.2 12.4

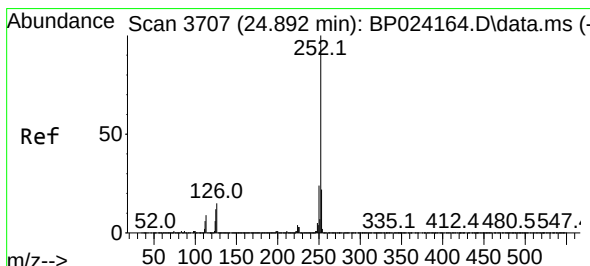
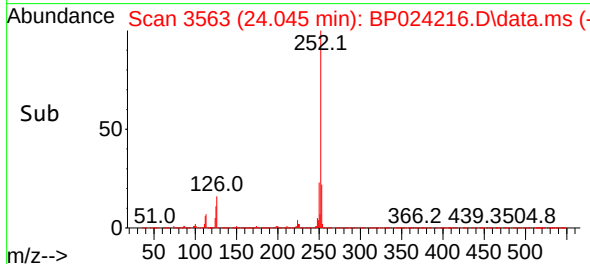
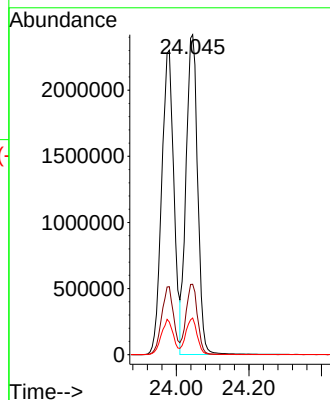
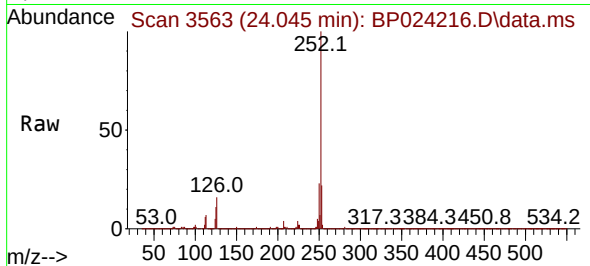




#89
Benzo(k)fluoranthene
Concen: 49.185 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

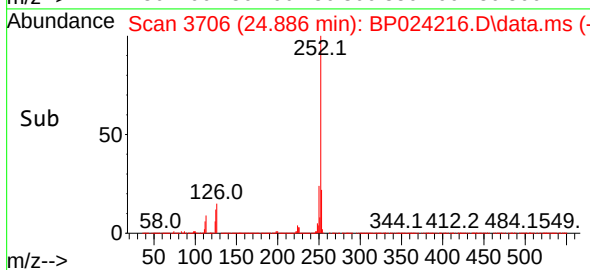
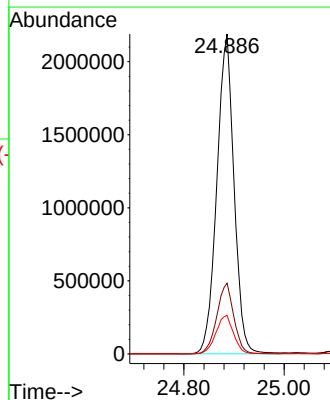
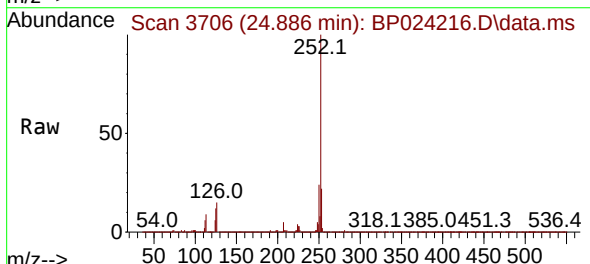
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

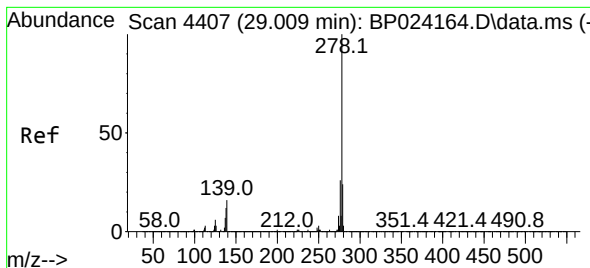
Tgt Ion:252 Resp: 5368785
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 53.740 ng
RT: 24.886 min Scan# 3706
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:252 Resp: 5214524
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 12.0 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 49.312 ng

RT: 28.980 min Scan# 4407

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

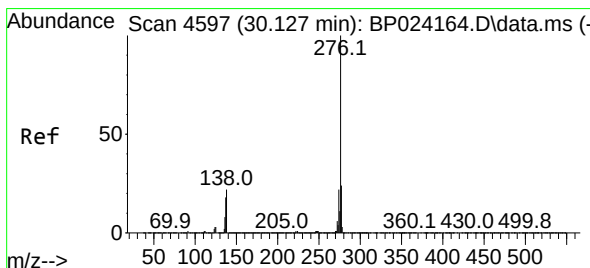
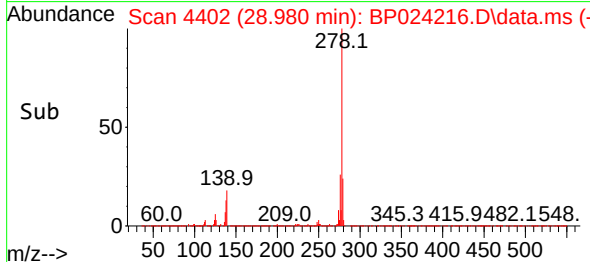
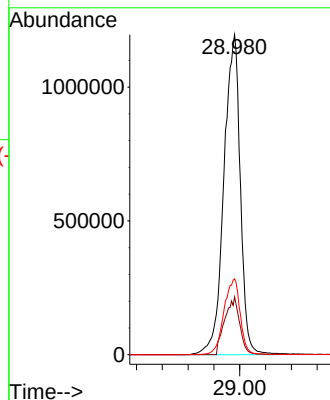
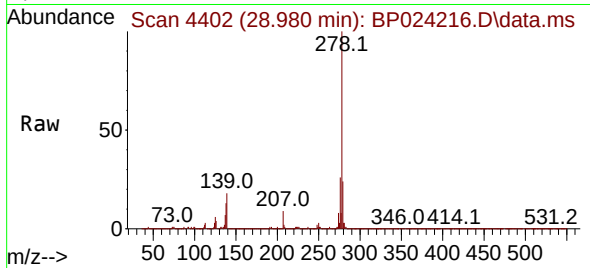
Tgt Ion:278 Resp: 5299144

Ion Ratio Lower Upper

278 100

139 18.1 13.0 19.4

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 27.726 ng

RT: 30.068 min Scan# 4587

Delta R.T. -0.059 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Tgt Ion:276 Resp: 3028749

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 22.7 17.4 26.2

