

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024814.D
 Acq On : 28 May 2025 14:04
 Operator : RC/JU
 Sample : PB168177BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168177BS

Quant Time: May 28 14:50:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	151468	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	594336	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	347029	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	665381	20.000	ng	0.01
76) Chrysene-d12	21.498	240	741701	20.000	ng	0.00
86) Perylene-d12	24.768	264	860771	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	1204796	136.045	ng	0.00
7) Phenol-d6	6.852	99	1404041	124.224	ng	0.00
23) Nitrobenzene-d5	8.799	82	871193	74.063	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	882243	149.961	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	2213688	83.572	ng	0.00
79) Terphenyl-d14	19.792	244	3575870	82.668	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	136439	32.810	ng	99
3) Pyridine	3.617	79	321023	34.815	ng	94
4) n-Nitrosodimethylamine	3.528	42	172647	42.411	ng	90
6) Aniline	6.993	93	339083	23.237	ng	99
8) 2-Chlorophenol	7.228	128	459423	45.699	ng	96
9) Benzaldehyde	6.811	77	233809	31.956	ng	98
10) Phenol	6.875	94	486353	41.691	ng	97
11) bis(2-Chloroethyl)ether	7.081	93	370249	38.625	ng	99
12) 1,3-Dichlorobenzene	7.540	146	501158	43.329	ng	98
13) 1,4-Dichlorobenzene	7.681	146	513164	44.113	ng	100
14) 1,2-Dichlorobenzene	7.993	146	490209	43.245	ng	99
15) Benzyl Alcohol	7.899	79	352300	41.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	433218	37.738	ng	99
17) 2-Methylphenol	8.105	107	349773	41.804	ng	99
18) Hexachloroethane	8.710	117	187795	42.126	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	273198	34.943	ng	96
20) 3+4-Methylphenols	8.428	107	468730	41.184	ng	98
22) Acetophenone	8.463	105	625749	42.149	ng	99
24) Nitrobenzene	8.840	77	426405	41.193	ng	94
25) Isophorone	9.357	82	773293	37.899	ng	97
26) 2-Nitrophenol	9.540	139	243348	47.975	ng	98
27) 2,4-Dimethylphenol	9.610	122	396725	44.361	ng	98
28) bis(2-Chloroethoxy)met...	9.834	93	484010	39.705	ng	99
29) 2,4-Dichlorophenol	10.087	162	403480	46.557	ng	96
30) 1,2,4-Trichlorobenzene	10.275	180	452402	46.324	ng	98
31) Naphthalene	10.463	128	1348930	43.798	ng	100
32) Benzoic acid	9.805	122	255084	42.065	ng	94
33) 4-Chloroaniline	10.593	127	206249	16.595	ng	98
34) Hexachlorobutadiene	10.746	225	301266	47.619	ng	98
35) Caprolactam	11.387	113	123140	39.273	ng	97
36) 4-Chloro-3-methylphenol	11.728	107	435582	41.215	ng	99
37) 2-Methylnaphthalene	12.075	142	840060	42.124	ng	98
38) 1-Methylnaphthalene	12.299	142	889905	41.705	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	501704	49.785	ng	99
41) Hexachlorocyclopentadiene	12.422	237	704526	115.297	ng	96
43) 2,4,6-Trichlorophenol	12.698	196	326482	50.019	ng	98

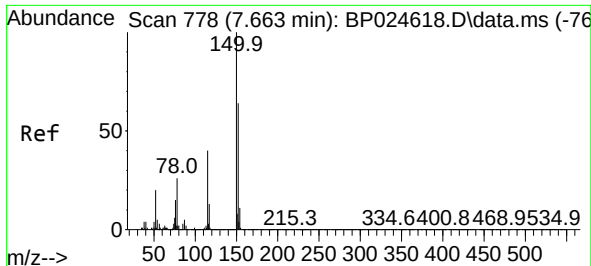
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	358817	49.386	ng	96
46) 1,1'-Biphenyl	13.098	154	1200872	46.819	ng	99
47) 2-Chloronaphthalene	13.140	162	908842	46.472	ng	98
48) 2-Nitroaniline	13.357	65	245924	42.474	ng	95
49) Acenaphthylene	13.993	152	1458233	44.556	ng	99
50) Dimethylphthalate	13.740	163	1147804	43.394	ng	99
51) 2,6-Dinitrotoluene	13.863	165	251383	45.000	ng	98
52) Acenaphthene	14.340	154	843144	44.813	ng	100
53) 3-Nitroaniline	14.204	138	122090	21.404	ng	96
54) 2,4-Dinitrophenol	14.416	184	314470	88.530	ng	97
55) Dibenzofuran	14.681	168	1339198	44.624	ng	99
56) 4-Nitrophenol	14.551	139	365733	74.377	ng	99
57) 2,4-Dinitrotoluene	14.663	165	362259	45.998	ng	93
58) Fluorene	15.340	166	1110601	45.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	317104	47.048	ng	97
60) Diethylphthalate	15.116	149	1168675	43.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.334	204	564051	46.220	ng	99
62) 4-Nitroaniline	15.387	138	245449m	44.566	ng	
63) Azobenzene	15.634	77	931599	40.734	ng	95
65) 4,6-Dinitro-2-methylph...	15.445	198	209116	48.655	ng	97
66) n-Nitrosodiphenylamine	15.557	169	954044	46.680	ng	99
67) 4-Bromophenyl-phenylether	16.245	248	387235	49.389	ng	98
68) Hexachlorobenzene	16.369	284	493585	49.543	ng	95
69) Atrazine	16.539	200	360006	48.065	ng	99
70) Pentachlorophenol	16.722	266	622306	111.274	ng	100
71) Phenanthrene	17.110	178	1672718	45.222	ng	99
72) Anthracene	17.204	178	1729582	46.475	ng	100
73) Carbazole	17.492	167	1555539	46.181	ng	100
74) Di-n-butylphthalate	18.081	149	1943279	44.859	ng	100
75) Fluoranthene	19.198	202	1976034	45.701	ng	98
77) Benzidine	19.404	184	732342m	36.253	ng	
78) Pyrene	19.575	202	2031688	45.716	ng	100
80) Butylbenzylphthalate	20.527	149	897024	45.385	ng	91
81) Benzo(a)anthracene	21.474	228	2126151	45.653	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	543039	31.393	ng	100
83) Chrysene	21.545	228	2041909	46.251	ng	100
84) Bis(2-ethylhexyl)phtha...	21.410	149	1329670	45.771	ng	100
85) Di-n-octyl phthalate	22.657	149	2299012	48.394	ng	99
87) Indeno(1,2,3-cd)pyrene	28.462	276	3036894	48.326	ng	# 87
88) Benzo(b)fluoranthene	23.733	252	2315387	46.995	ng	99
89) Benzo(k)fluoranthene	23.798	252	2366559	46.615	ng	99
90) Benzo(a)pyrene	24.604	252	2247698	47.501	ng	99
91) Dibenzo(a,h)anthracene	28.527	278	2494265	48.789	ng	99
92) Benzo(g,h,i)perylene	29.603	276	2410523	47.414	ng	99

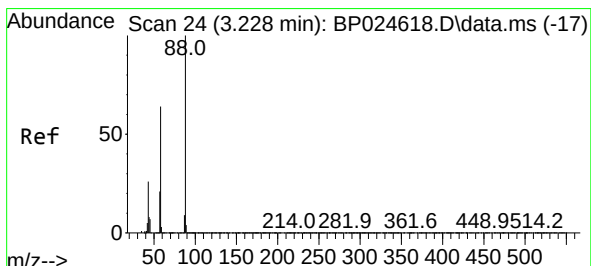
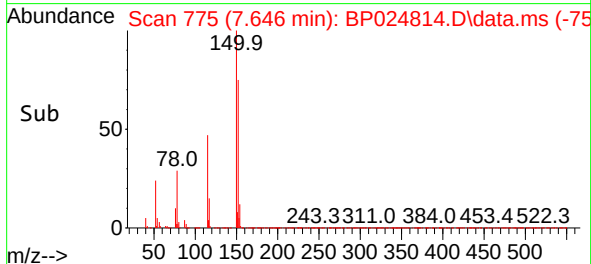
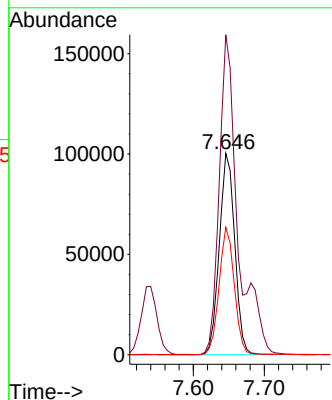
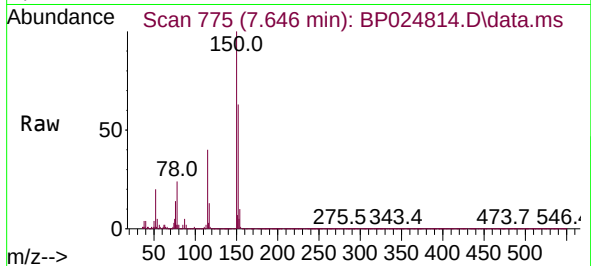
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024814.D
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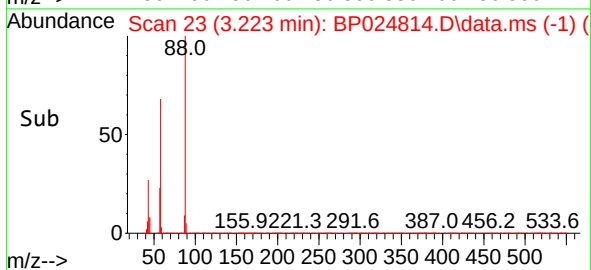
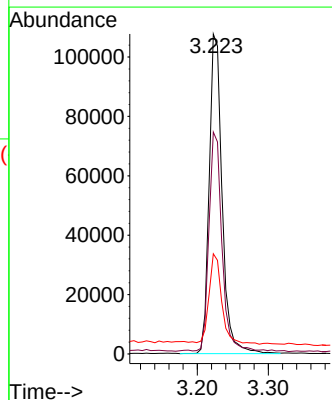
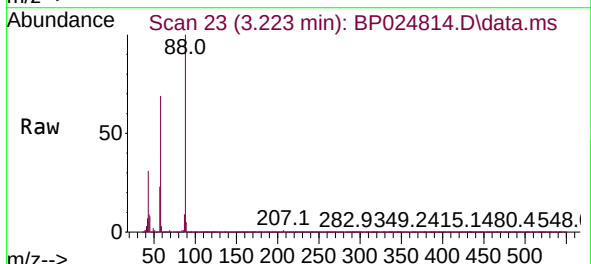
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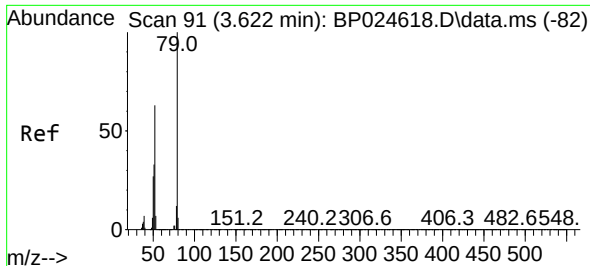
Tgt Ion:152 Resp: 151468
Ion Ratio Lower Upper
152 100
150 159.0 125.9 188.9
115 63.3 50.1 75.1



#2
1,4-Dioxane
Concen: 32.810 ng
RT: 3.223 min Scan# 23
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 88 Resp: 136439
Ion Ratio Lower Upper
88 100
58 67.9 54.0 81.0
43 28.0 21.4 32.0

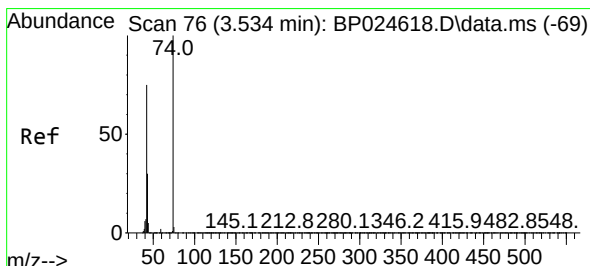
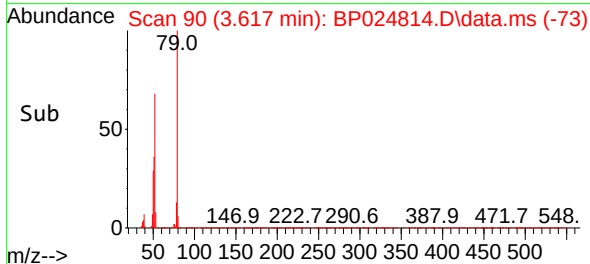
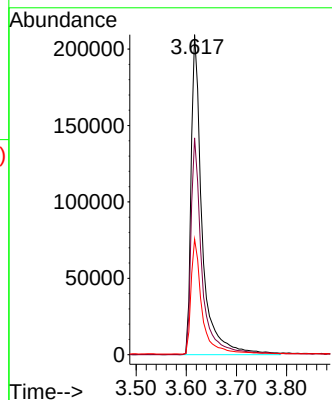
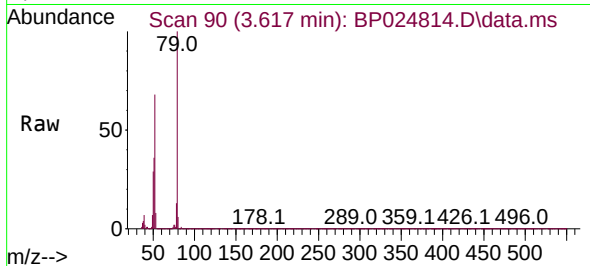




#3
 Pyridine
 Concen: 34.815 ng
 RT: 3.617 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: BP024814.D
 Acq: 28 May 2025 14:04

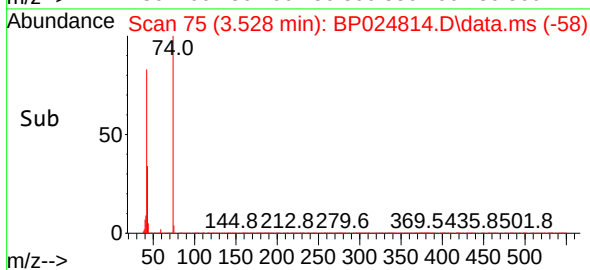
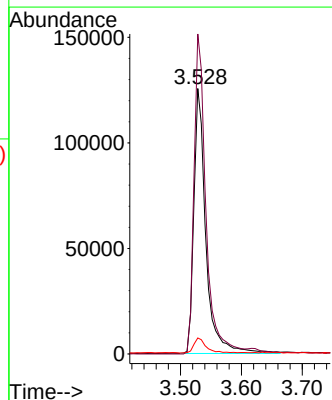
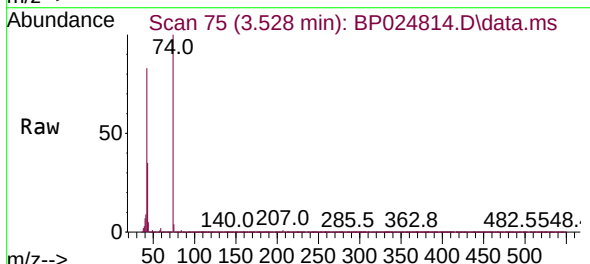
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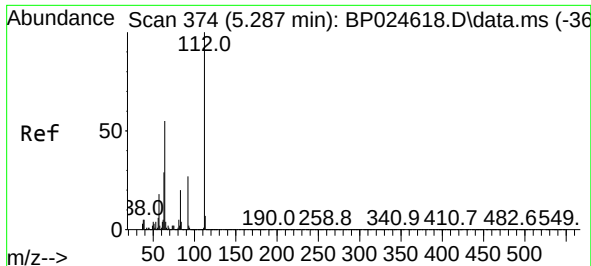
Tgt Ion: 79 Resp: 321023
 Ion Ratio Lower Upper
 79 100
 52 67.8 50.2 75.2
 51 36.1 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 42.411 ng
 RT: 3.528 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BP024814.D
 Acq: 28 May 2025 14:04

Tgt Ion: 42 Resp: 172647
 Ion Ratio Lower Upper
 42 100
 74 120.5 106.2 159.2
 44 6.0 5.4 8.2

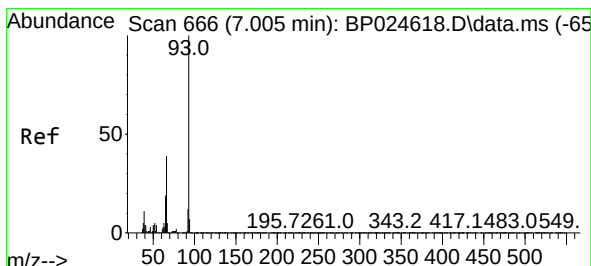
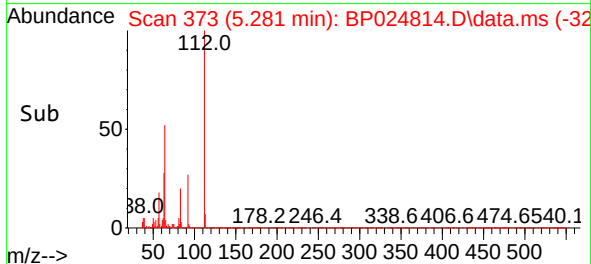
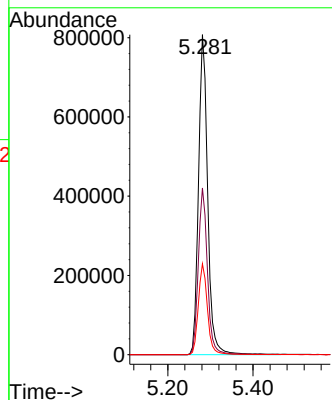
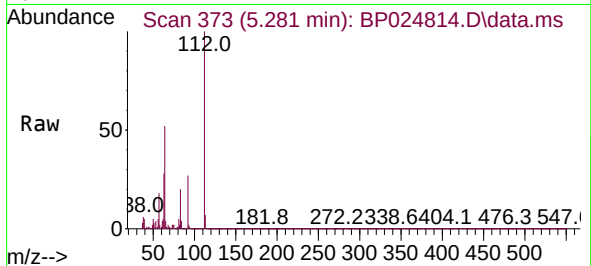




#5
2-Fluorophenol
Concen: 136.045 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

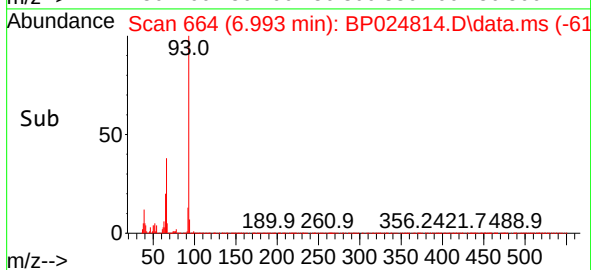
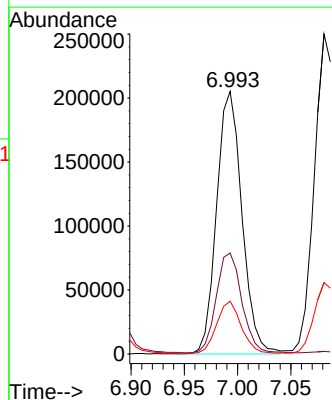
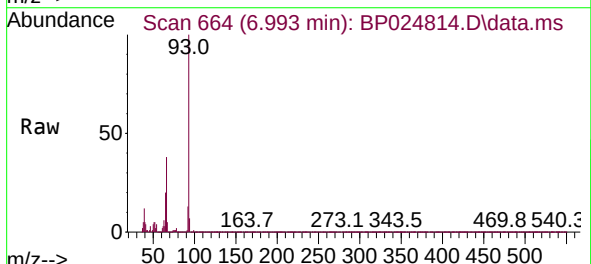
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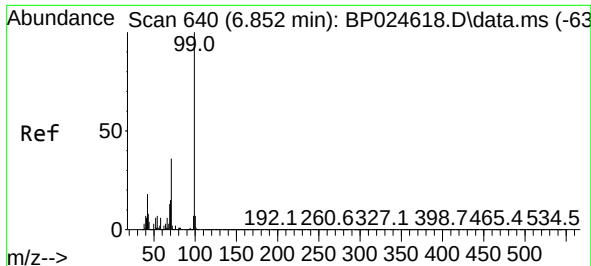
Tgt Ion:112 Resp: 1204796
Ion Ratio Lower Upper
112 100
64 52.1 44.1 66.1
63 28.4 23.5 35.3



#6
Aniline
Concen: 23.237 ng
RT: 6.993 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 93 Resp: 339083
Ion Ratio Lower Upper
93 100
66 38.5 31.0 46.6
65 20.1 15.5 23.3

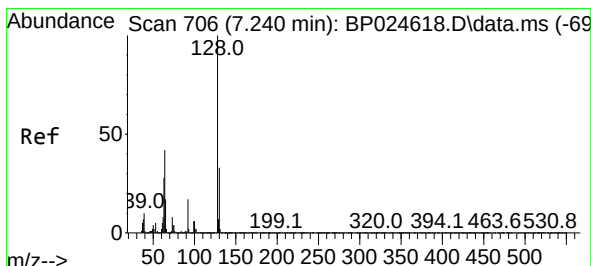
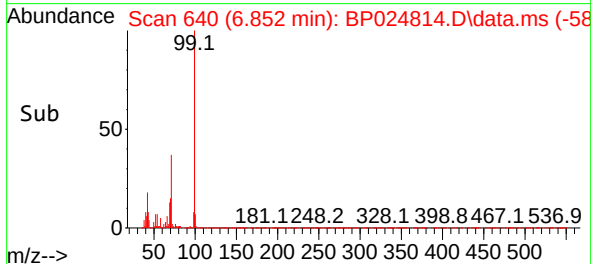
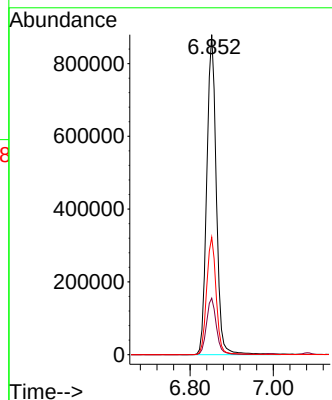
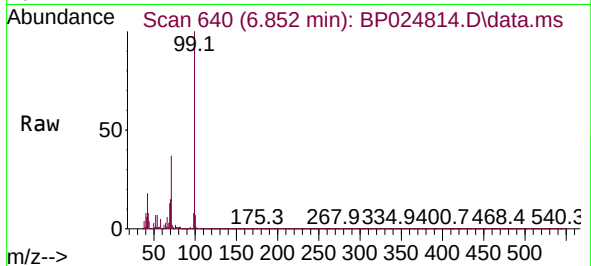




#7
Phenol-d6
Concen: 124.224 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

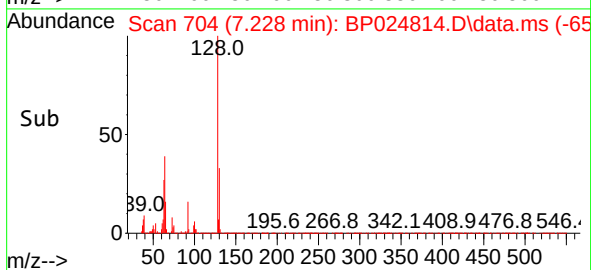
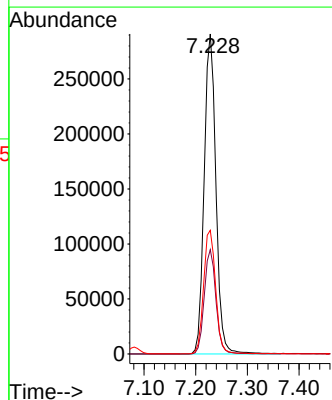
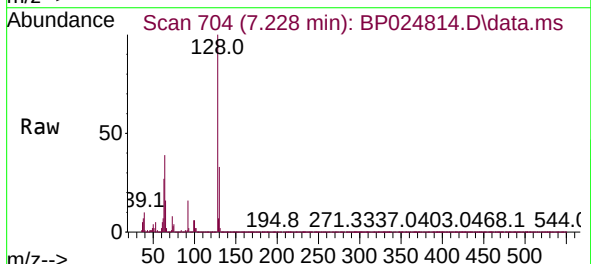
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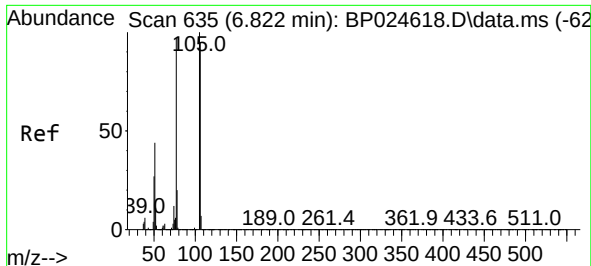
Tgt Ion: 99 Resp: 1404041
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.7 29.2 43.8



#8
2-Chlorophenol
Concen: 45.699 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:128 Resp: 459423
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 38.7 22.3 62.3

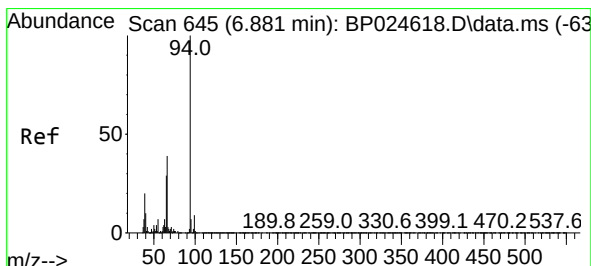
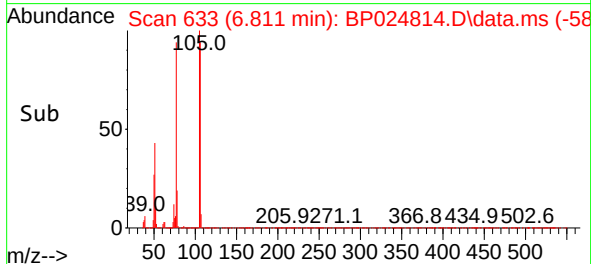
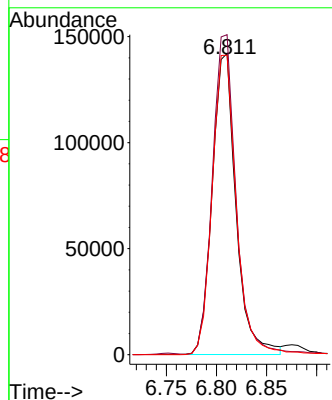
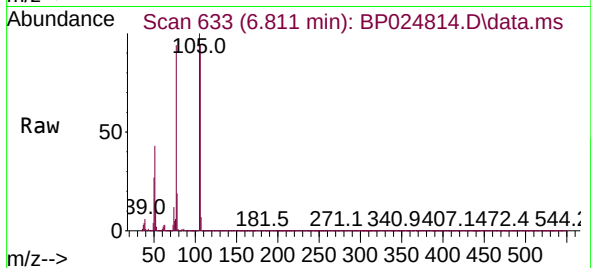




#9
Benzaldehyde
Concen: 31.956 ng
RT: 6.811 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

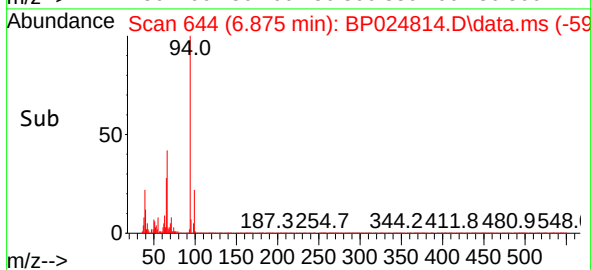
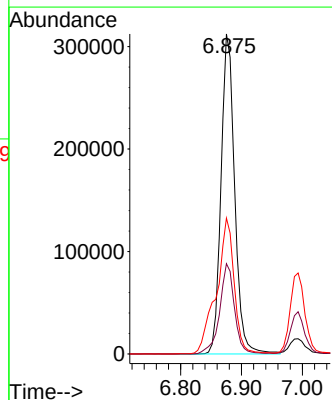
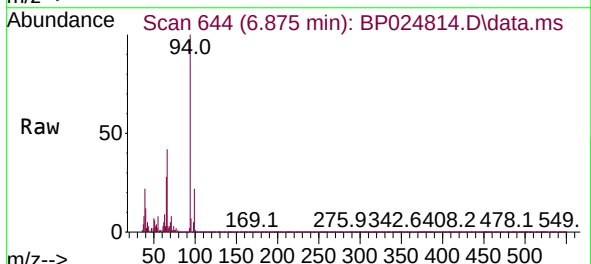
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BNA_P
ClientSampleId :
PB168177BS

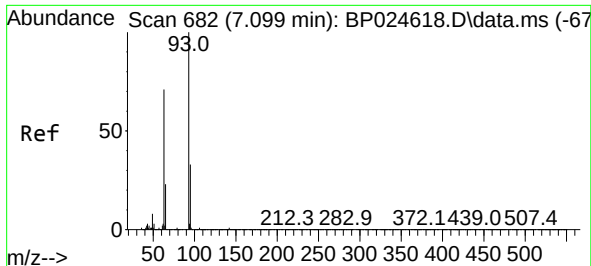
Tgt Ion: 77 Resp: 233809
Ion Ratio Lower Upper
77 100
105 106.2 83.3 123.3
106 99.4 78.0 118.0



#10
Phenol
Concen: 41.691 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 94 Resp: 486353
Ion Ratio Lower Upper
94 100
65 28.2 8.7 48.7
66 42.5 19.4 59.4

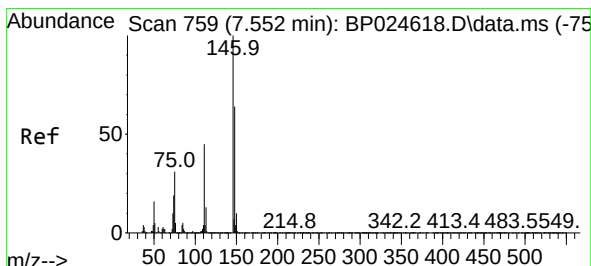
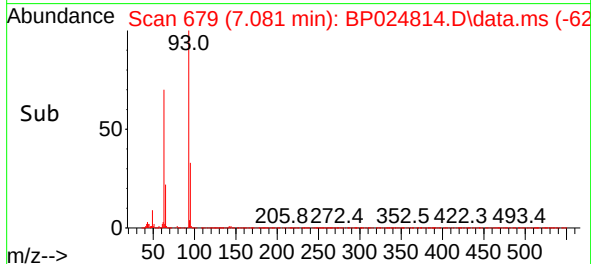
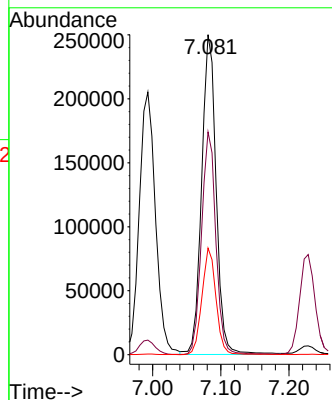
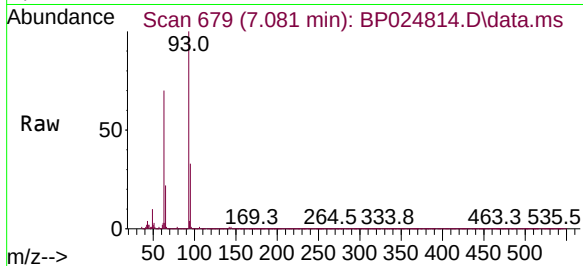




#11
bis(2-Chloroethyl)ether
Concen: 38.625 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

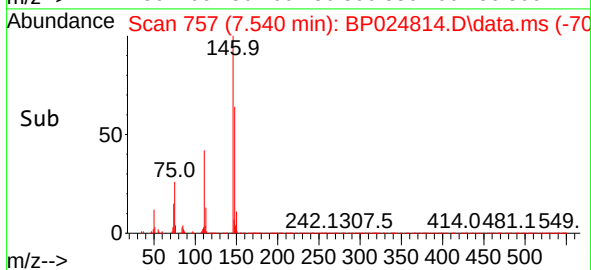
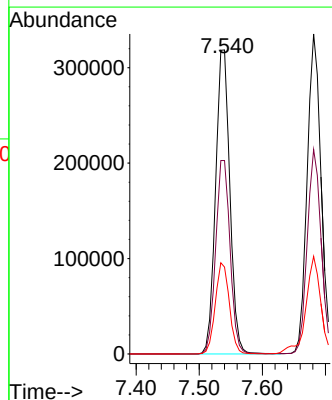
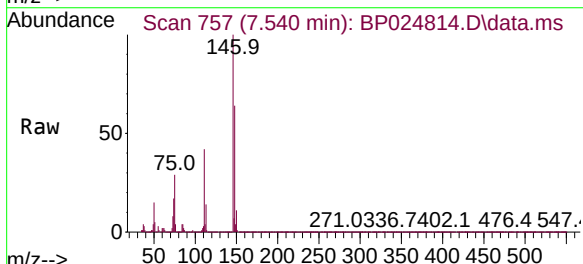
Instrument :
BNA_P
ClientSampleId :
PB168177BS

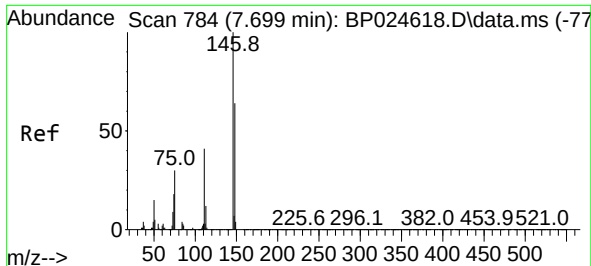
Tgt Ion: 93 Resp: 370249
Ion Ratio Lower Upper
93 100
63 69.6 50.6 90.6
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.329 ng
RT: 7.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 146 Resp: 501158
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 28.6 25.2 37.8

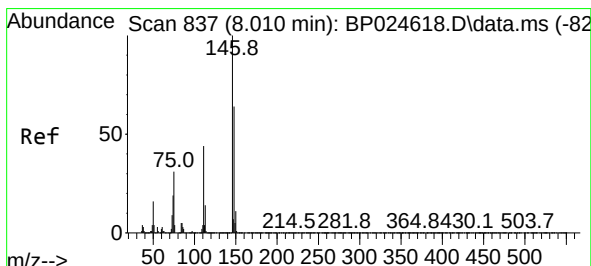
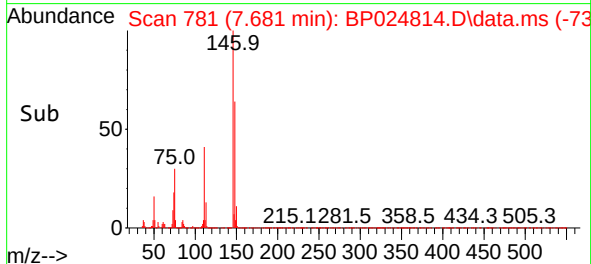
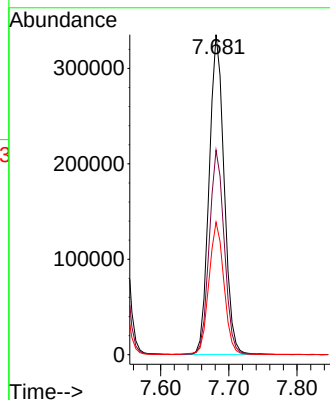
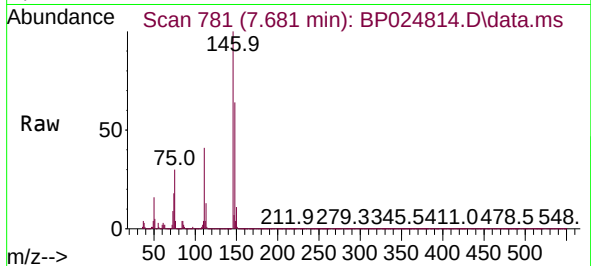




#13
1,4-Dichlorobenzene
Concen: 44.113 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

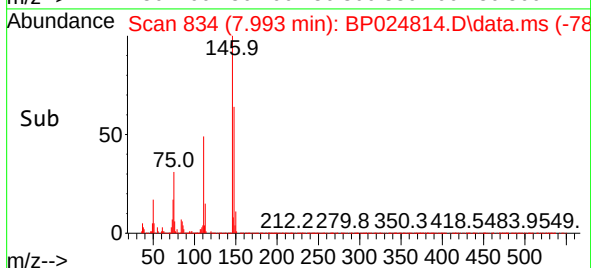
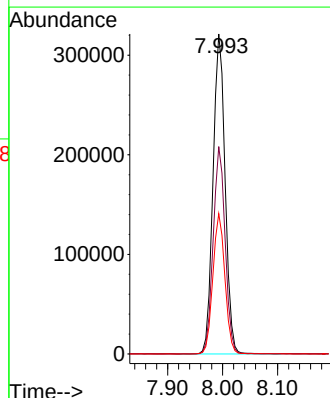
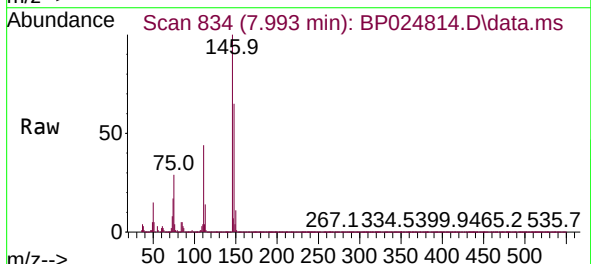
Instrument :
BNA_P
ClientSampleId :
PB168177BS

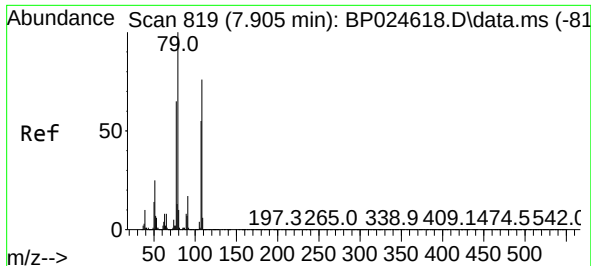
Tgt Ion:146 Resp: 513164
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.4 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.245 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:146 Resp: 490209
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 43.9 35.2 52.8

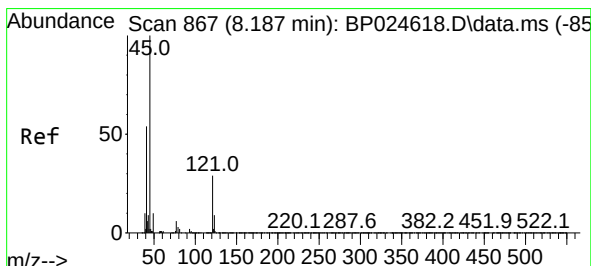
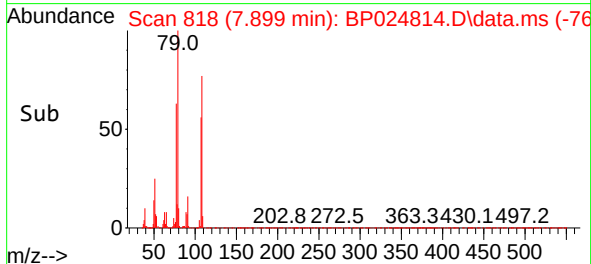
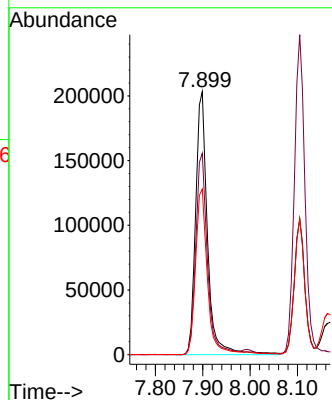
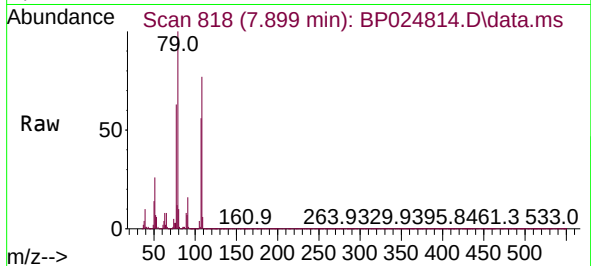




#15
Benzyl Alcohol
Concen: 41.018 ng
RT: 7.899 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

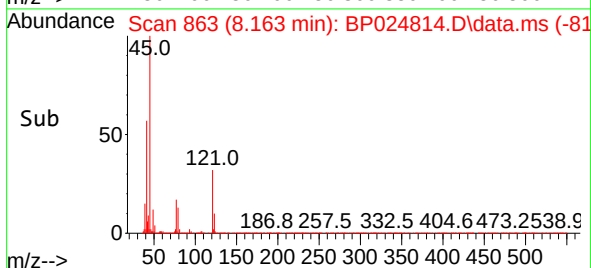
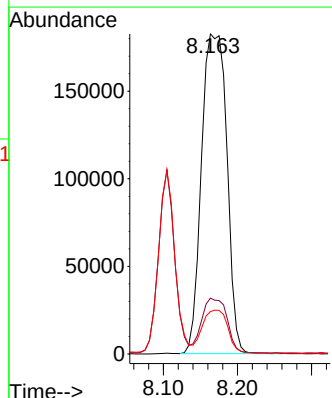
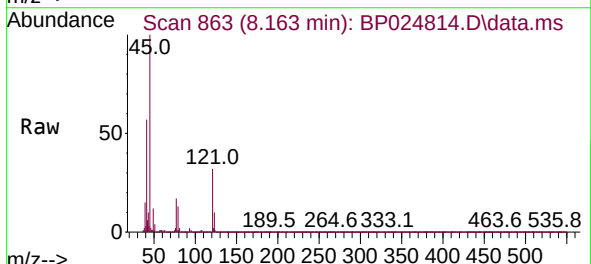
Instrument :
BNA_P
ClientSampleId :
PB168177BS

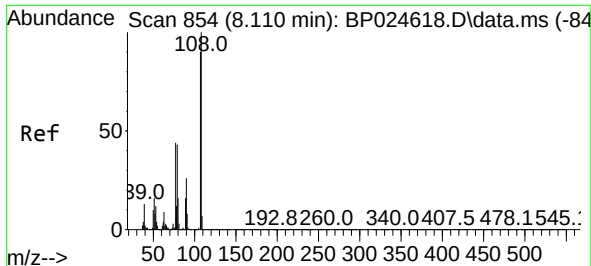
Tgt Ion: 79 Resp: 352300
Ion Ratio Lower Upper
79 100
108 76.6 60.8 91.2
77 63.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.738 ng
RT: 8.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

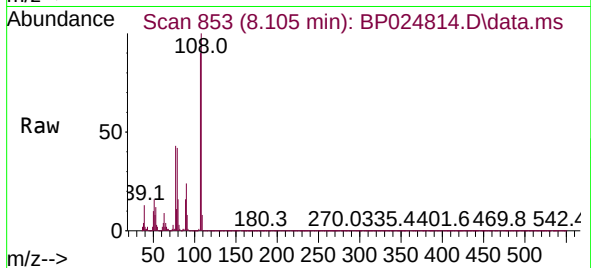
Tgt Ion: 45 Resp: 433218
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 13.2 0.0 34.0



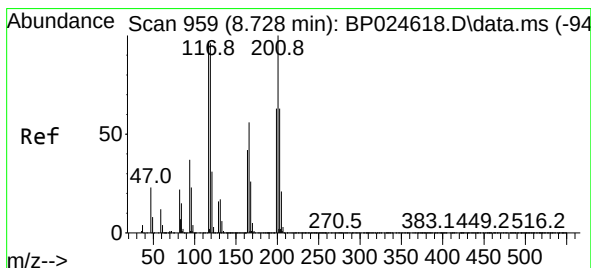
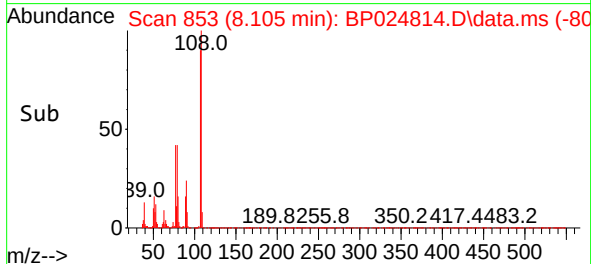
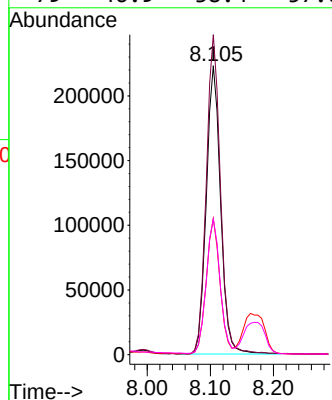


#17
2-Methylphenol
Concen: 41.804 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Instrument :
BNA_P
ClientSampleId :
PB168177BS

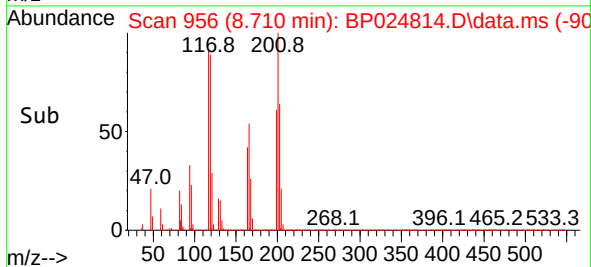
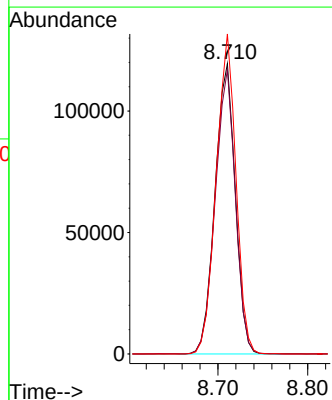
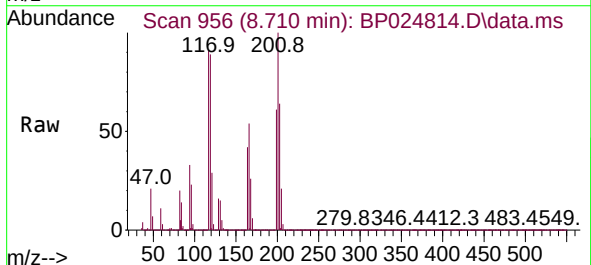


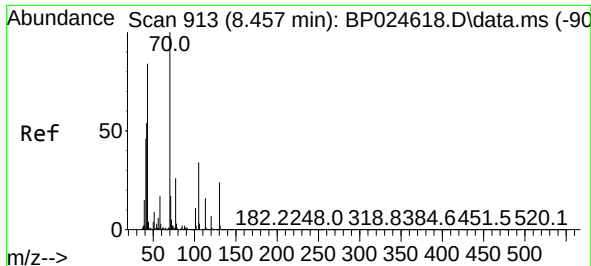
Tgt Ion:	107	Resp:	349773
Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.9	133.3
77	47.1	39.0	58.6
79	46.9	38.4	57.6



#18
Hexachloroethane
Concen: 42.126 ng
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:	117	Resp:	187795
Ion	Ratio	Lower	Upper
117	100		
119	98.0	79.4	119.0
201	110.2	82.7	124.1

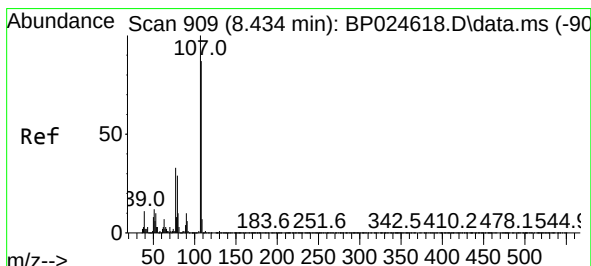
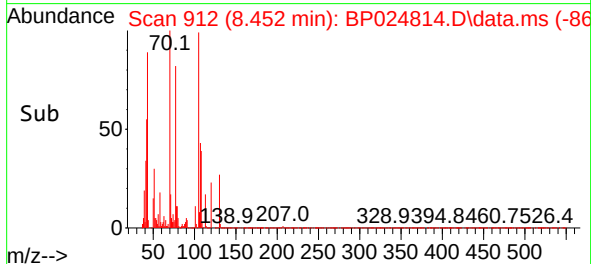
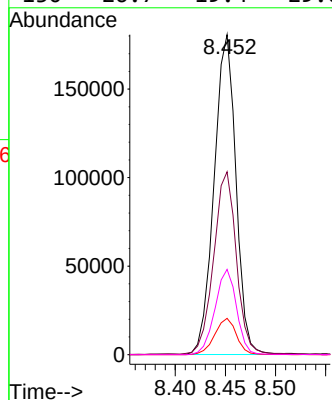
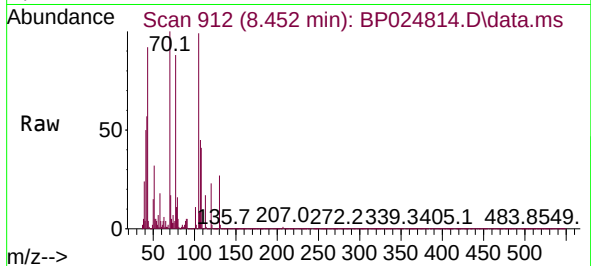




#19
n-Nitroso-di-n-propylamine
Concen: 34.943 ng
RT: 8.452 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

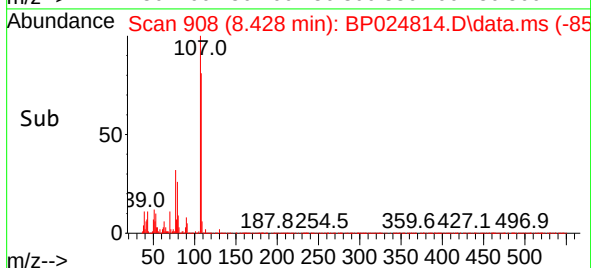
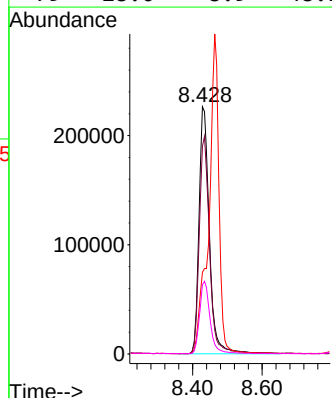
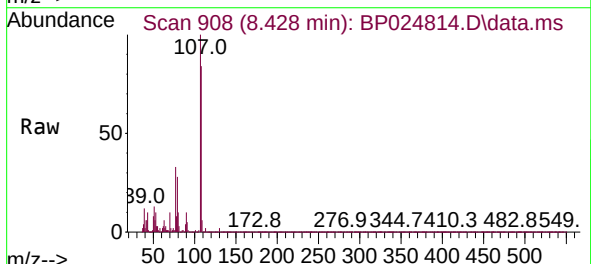
Instrument :
BNA_P
ClientSampleId :
PB168177BS

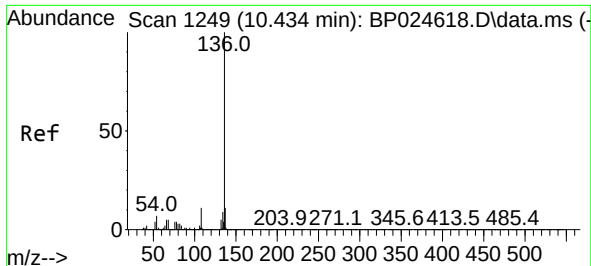
Tgt Ion: 70 Resp: 273198
Ion Ratio Lower Upper
70 100
42 57.2 43.0 64.6
101 11.3 8.7 13.1
130 26.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 41.184 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 107 Resp: 468730
Ion Ratio Lower Upper
107 100
108 84.1 66.7 106.7
77 33.1 13.1 53.1
79 28.0 8.9 48.9

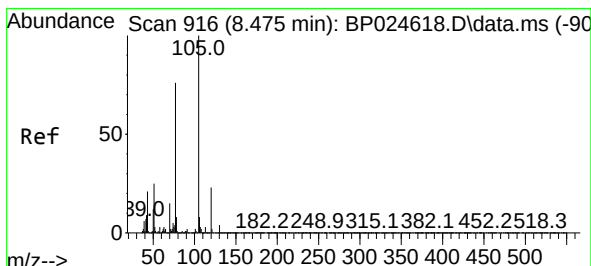
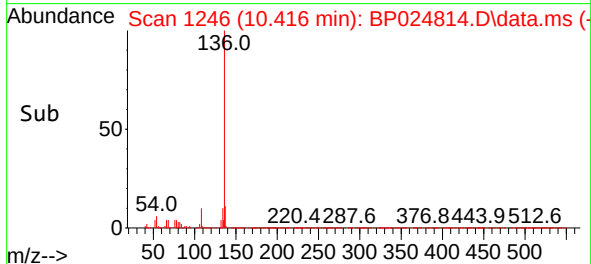
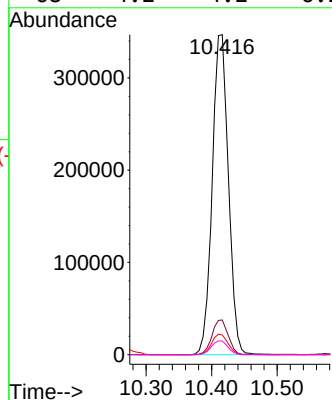
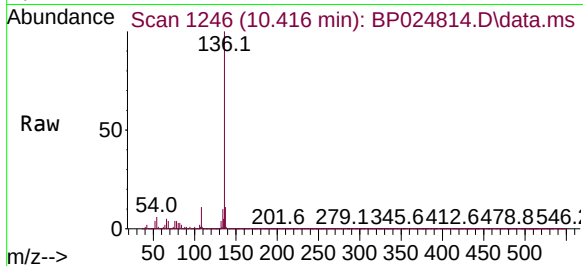




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

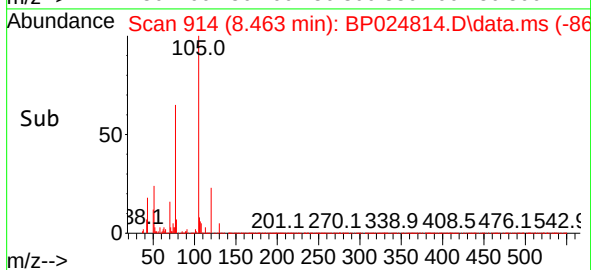
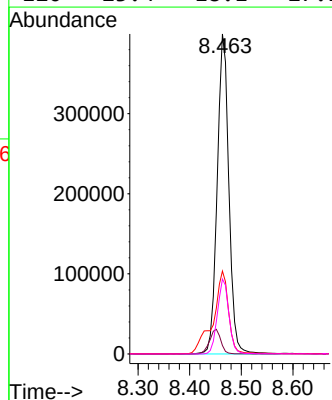
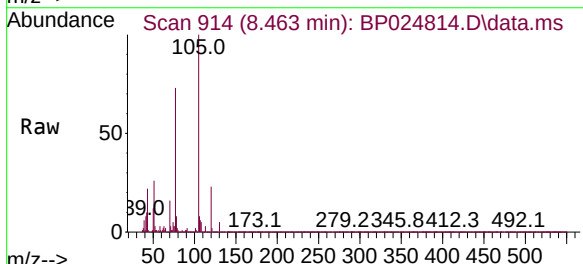
Instrument :
BNA_P
ClientSampleId :
PB168177BS

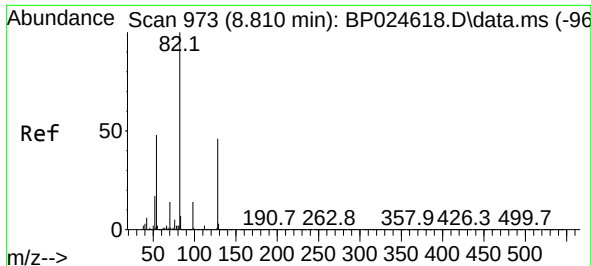
Tgt Ion:	136	Resp:	594336
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.1	5.5	8.3
68	4.2	4.2	6.2



#22
Acetophenone
Concen: 42.149 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:	105	Resp:	625749
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.0	3.0
51	25.9	20.4	30.6
120	23.4	18.1	27.1

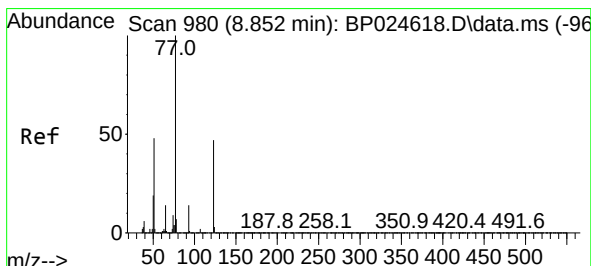
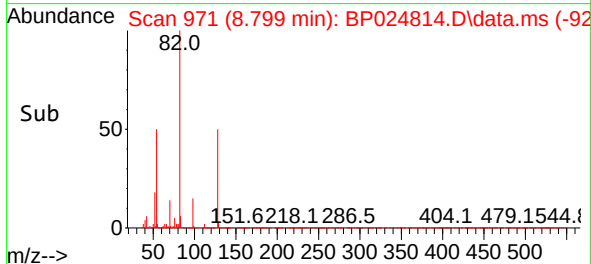
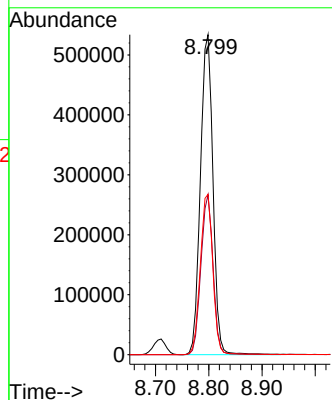
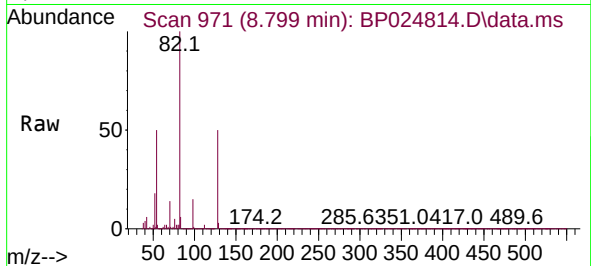




#23
Nitrobenzene-d5
Concen: 74.063 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

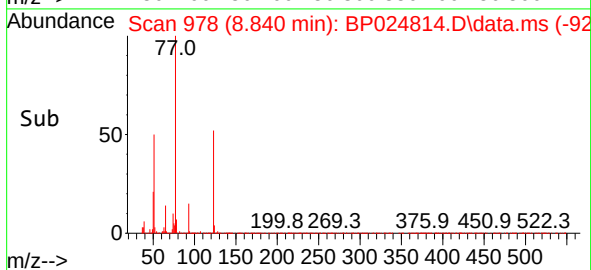
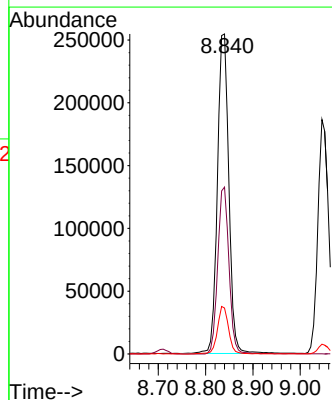
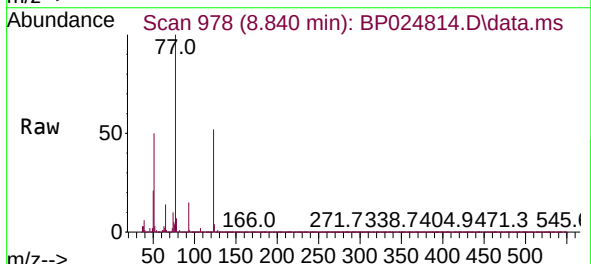
Instrument :
BNA_P
ClientSampleId :
PB168177BS

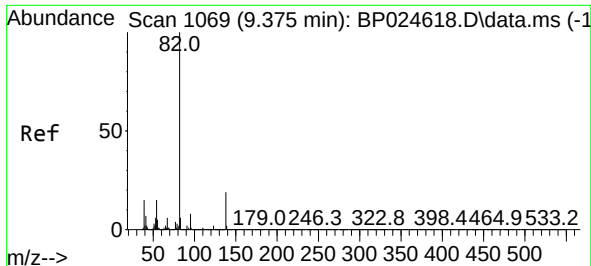
Tgt Ion: 82 Resp: 871193
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 50.1 38.7 58.1



#24
Nitrobenzene
Concen: 41.193 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 77 Resp: 426405
Ion Ratio Lower Upper
77 100
123 52.1 37.4 56.0
65 14.4 11.3 16.9

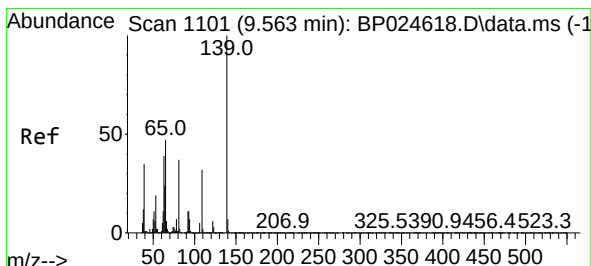
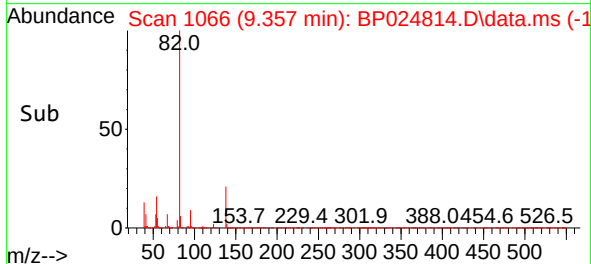
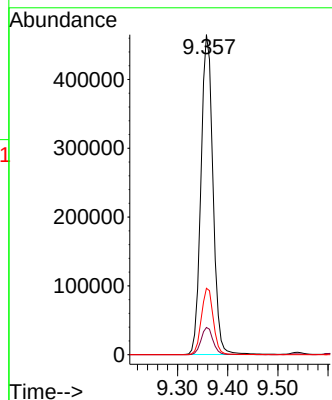
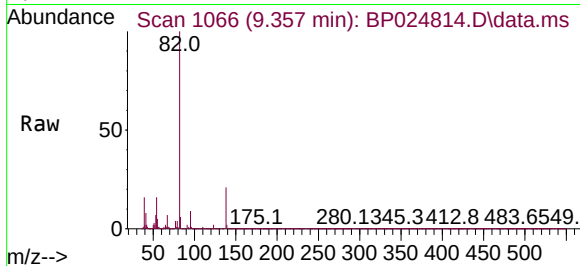




#25
Isophorone
Concen: 37.899 ng
RT: 9.357 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

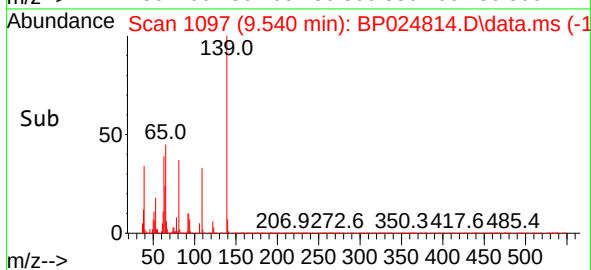
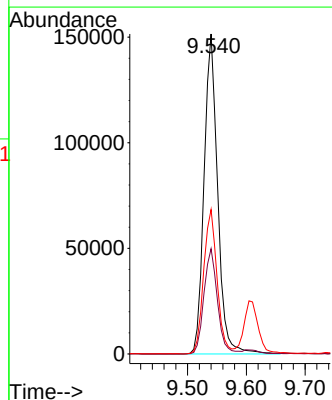
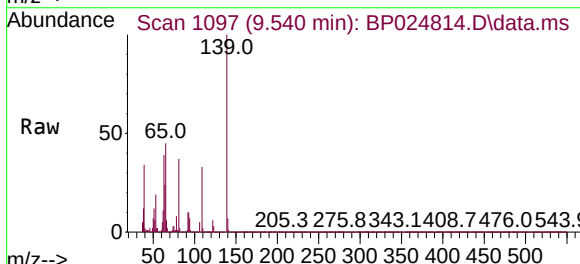
Instrument :
BNA_P
ClientSampleId :
PB168177BS

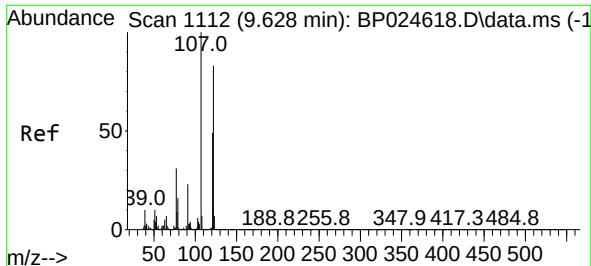
Tgt Ion: 82 Resp: 773293
Ion Ratio Lower Upper
82 100
95 8.5 6.3 9.5
138 20.8 15.3 22.9



#26
2-Nitrophenol
Concen: 47.975 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 139 Resp: 243348
Ion Ratio Lower Upper
139 100
109 32.9 25.9 38.9
65 45.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.361 ng

RT: 9.610 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

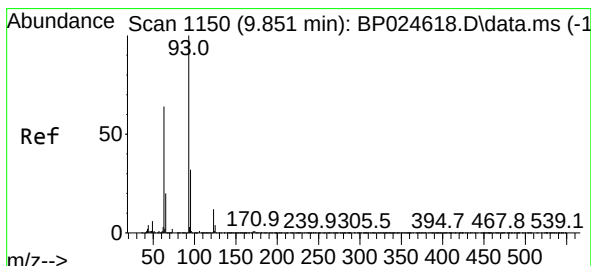
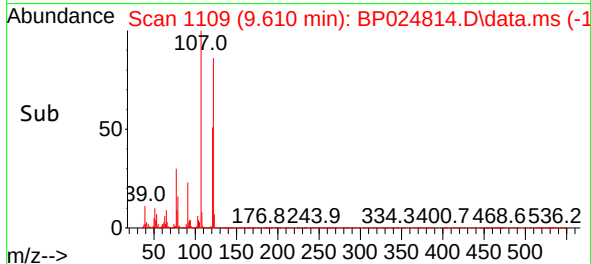
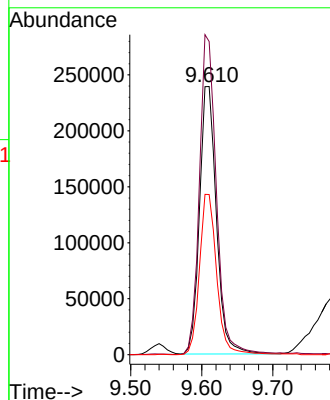
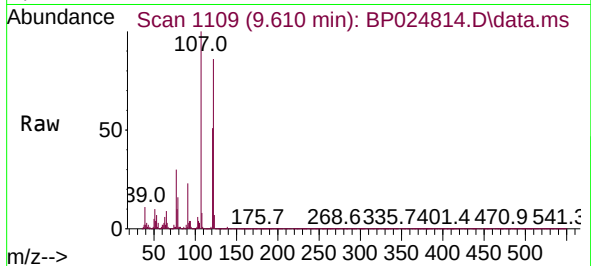
Tgt Ion:122 Resp: 396725

Ion Ratio Lower Upper

122 100

107 116.8 96.2 144.2

121 59.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.705 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

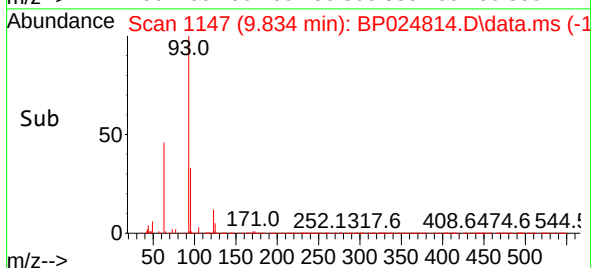
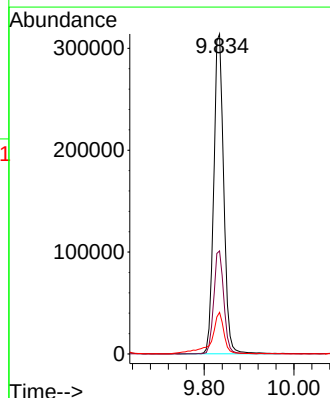
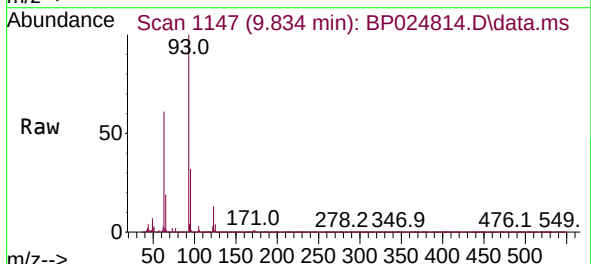
Tgt Ion: 93 Resp: 484010

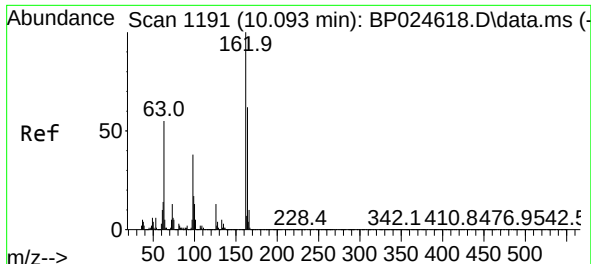
Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 13.0 9.7 14.5

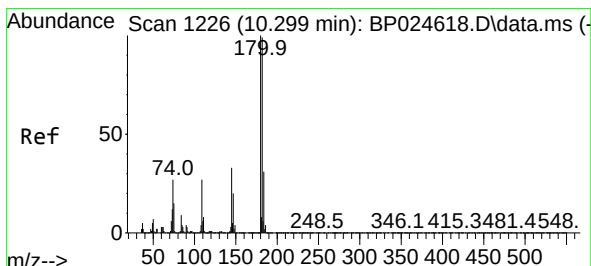
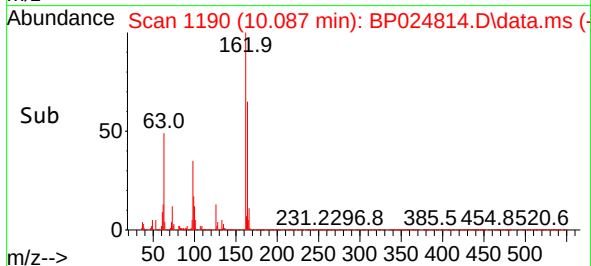
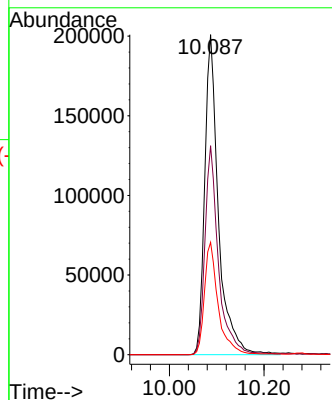
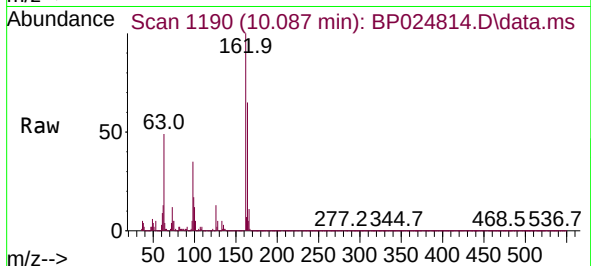




#29
2,4-Dichlorophenol
Concen: 46.557 ng
RT: 10.087 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

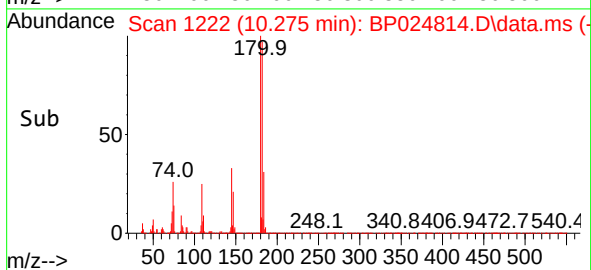
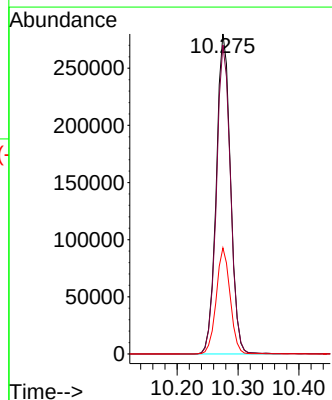
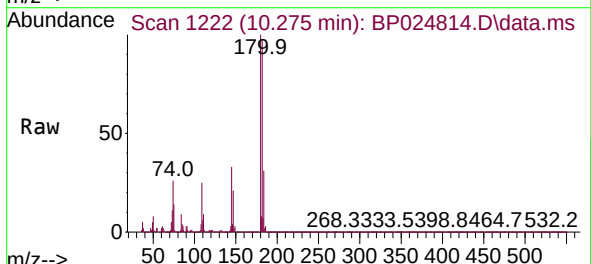
Instrument :
BNA_P
ClientSampleId :
PB168177BS

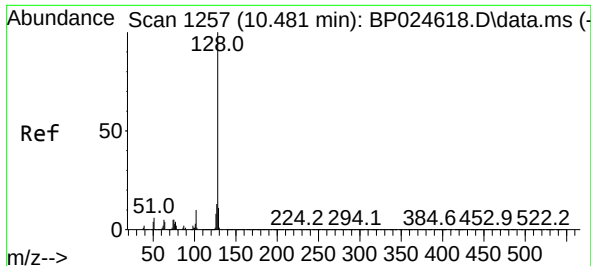
Tgt Ion:162 Resp: 403480
Ion Ratio Lower Upper
162 100
164 65.3 42.3 82.3
98 35.1 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 46.324 ng
RT: 10.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:180 Resp: 452402
Ion Ratio Lower Upper
180 100
182 96.5 79.0 118.4
145 33.2 26.6 39.8

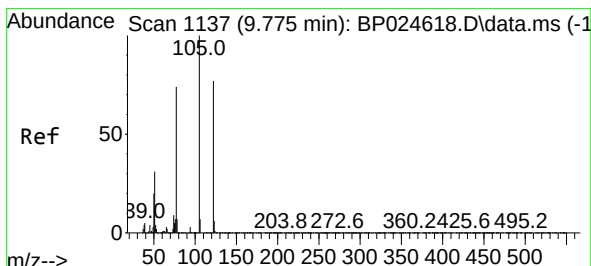
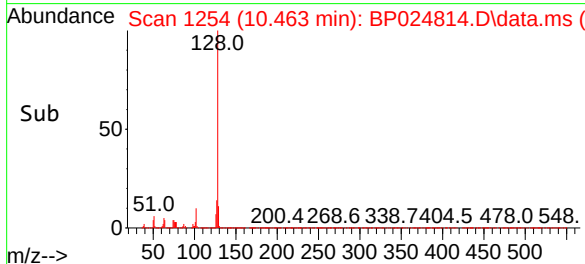
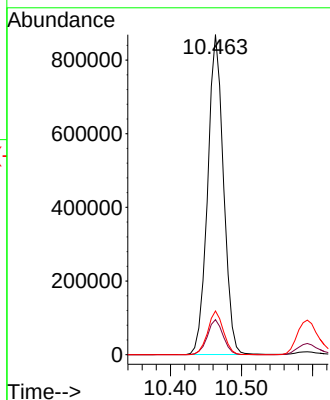
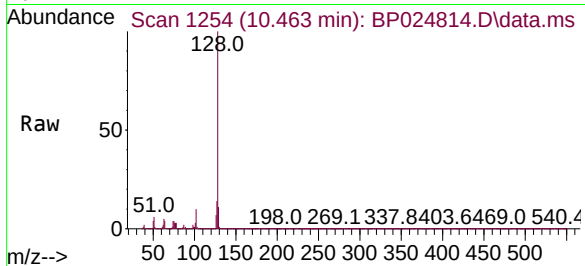




#31
Naphthalene
Concen: 43.798 ng
RT: 10.463 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

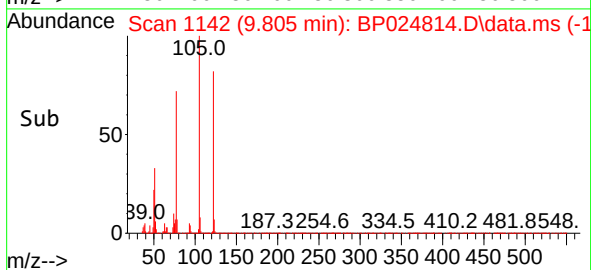
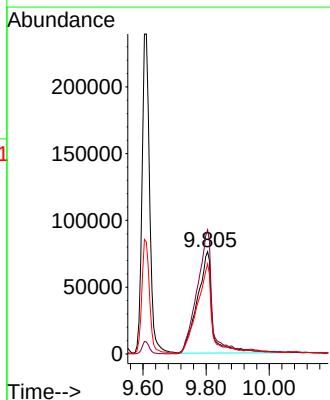
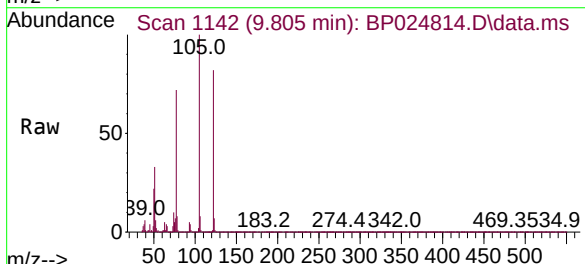
Instrument :
BNA_P
ClientSampleId :
PB168177BS

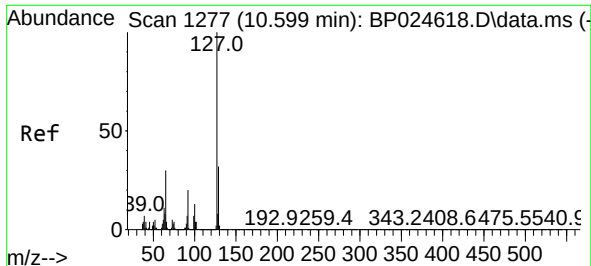
Tgt Ion:128 Resp: 1348930
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 42.065 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:122 Resp: 255084
Ion Ratio Lower Upper
122 100
105 121.5 106.9 146.9
77 88.0 75.1 115.1

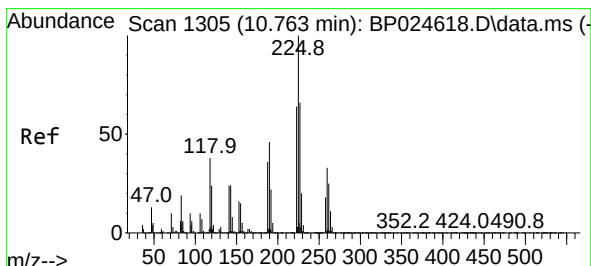
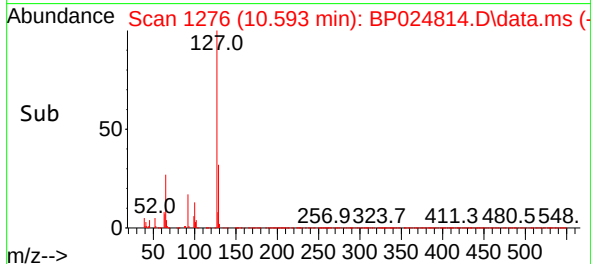
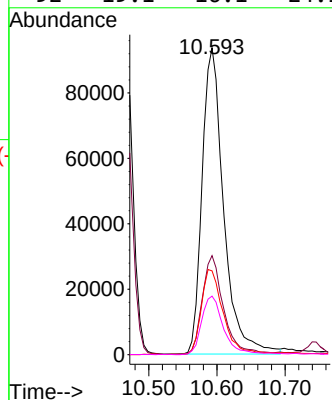
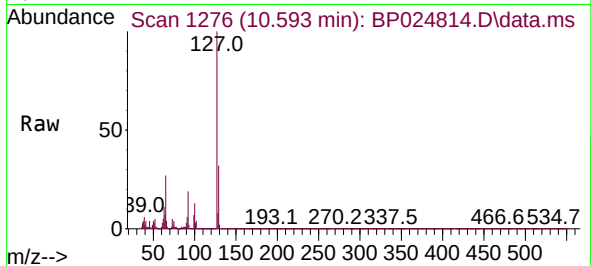




#33
4-Chloroaniline
Concen: 16.595 ng
RT: 10.593 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

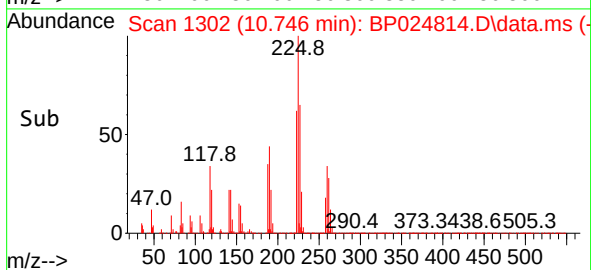
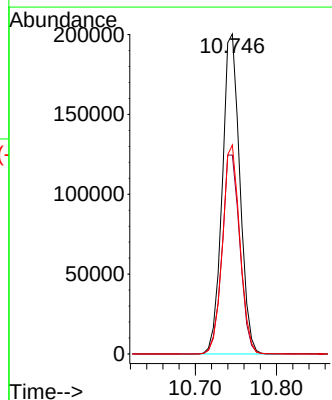
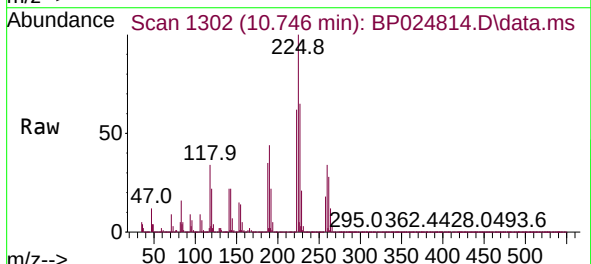
Instrument :
BNA_P
ClientSampleId :
PB168177BS

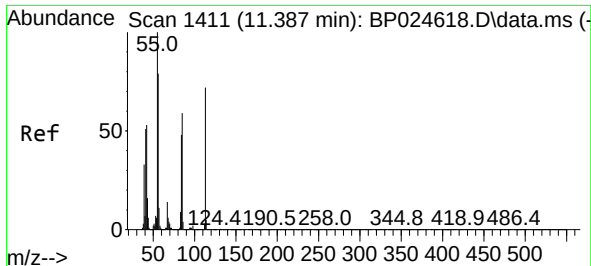
Tgt Ion:	127	Resp:	206249
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	27.4	23.9	35.9
92	19.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 47.619 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:	225	Resp:	301266
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	65.3	53.1	79.7

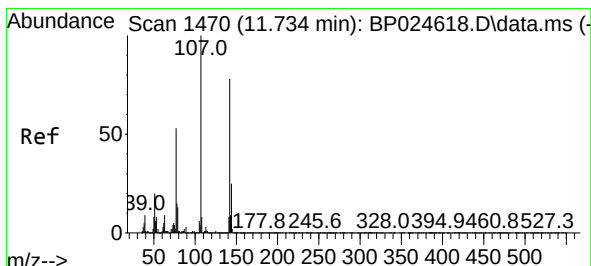
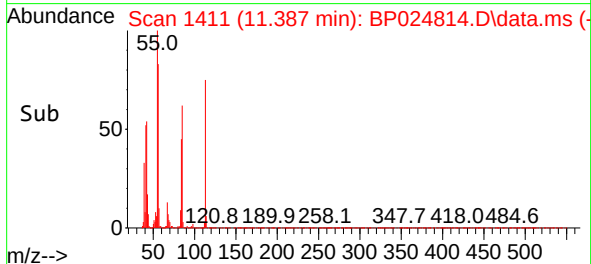
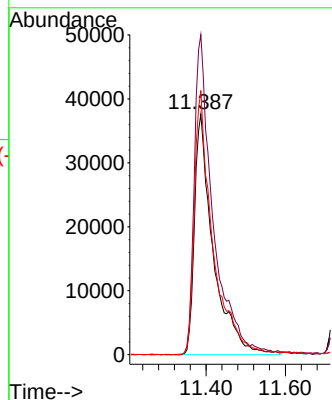
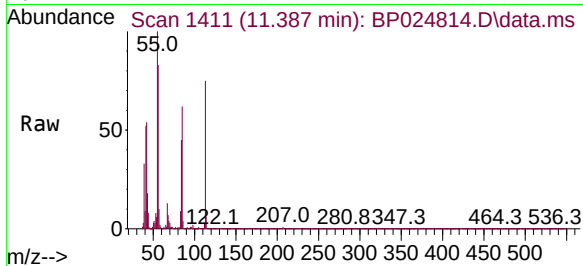




#35
Caprolactam
Concen: 39.273 ng
RT: 11.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

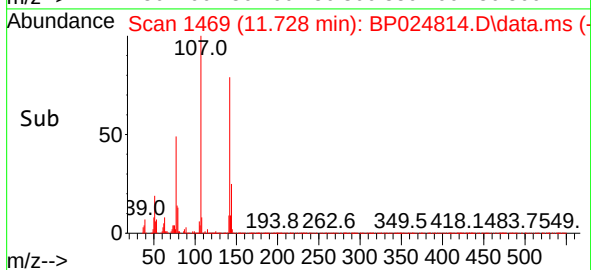
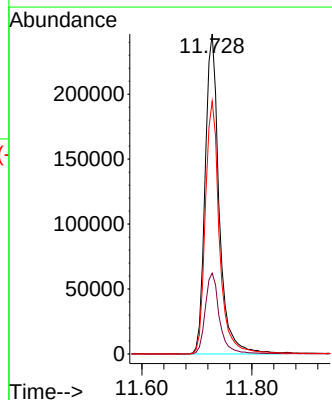
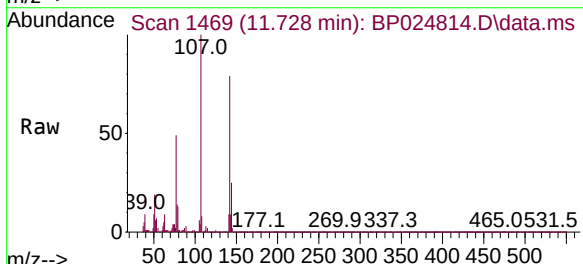
Instrument :
BNA_P
ClientSampleId :
PB168177BS

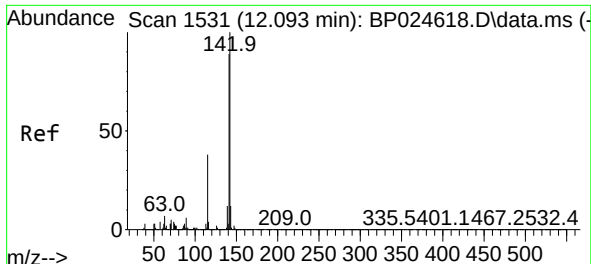
Tgt Ion:113 Resp: 123140
Ion Ratio Lower Upper
113 100
55 133.0 119.0 159.0
56 109.8 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 41.215 ng
RT: 11.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:107 Resp: 435582
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.0 62.1 93.1

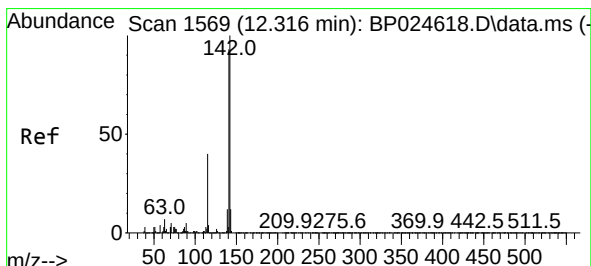
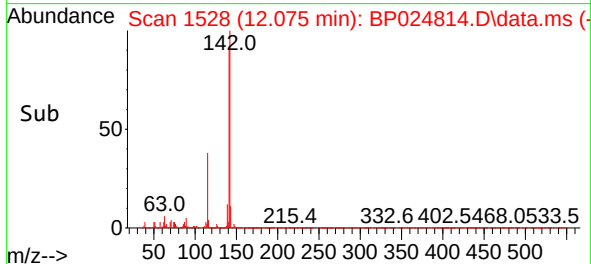
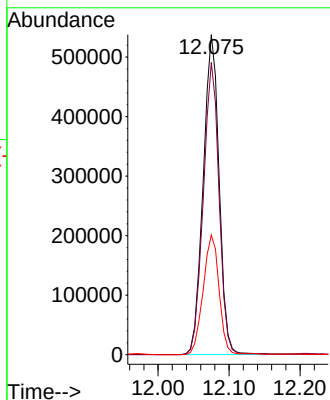
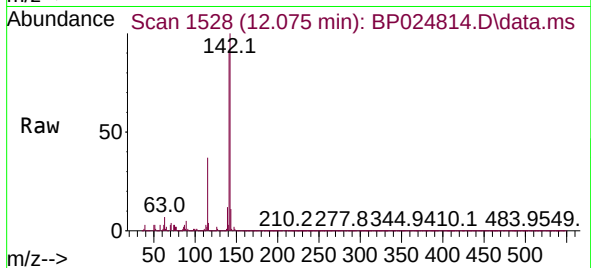




#37
2-Methylnaphthalene
Concen: 42.124 ng
RT: 12.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

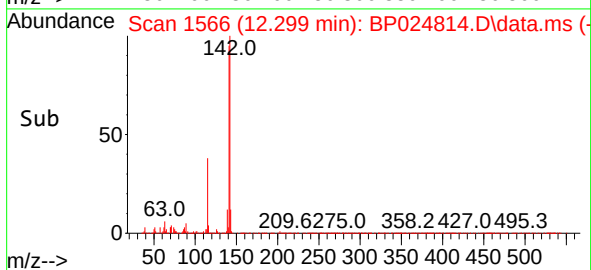
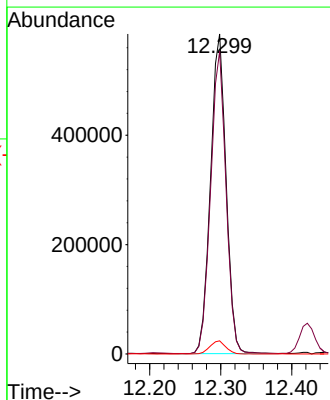
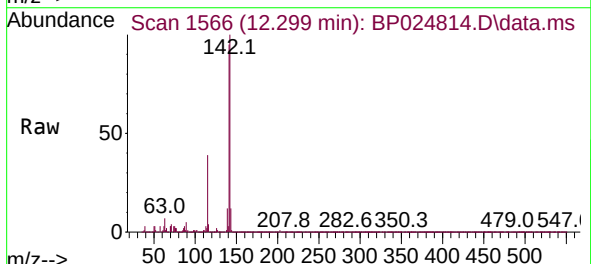
Instrument :
BNA_P
ClientSampleId :
PB168177BS

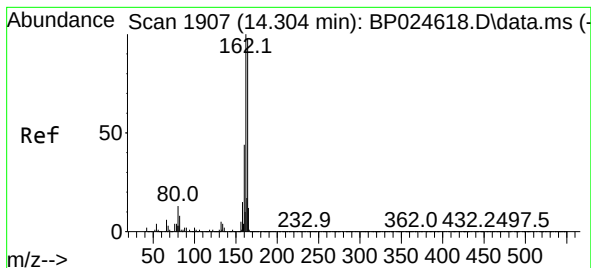
Tgt Ion:142 Resp: 840060
Ion Ratio Lower Upper
142 100
141 91.3 71.2 106.8
115 37.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.705 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:142 Resp: 889905
Ion Ratio Lower Upper
142 100
141 94.6 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

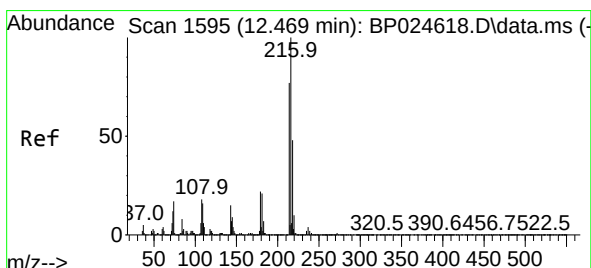
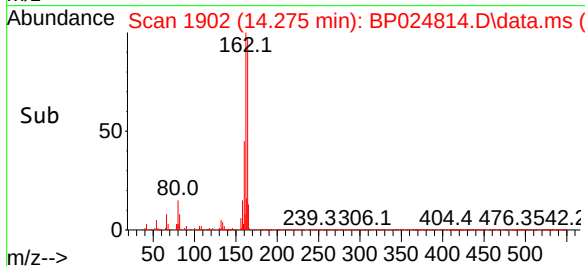
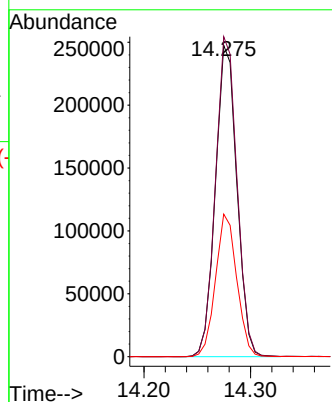
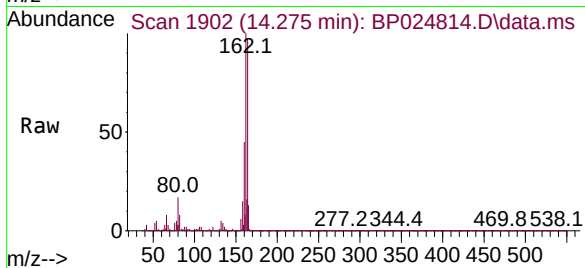
Tgt Ion:164 Resp: 347029

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 45.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.785 ng

RT: 12.451 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Tgt Ion:216 Resp: 501704

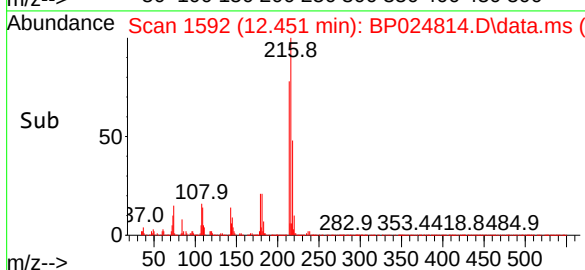
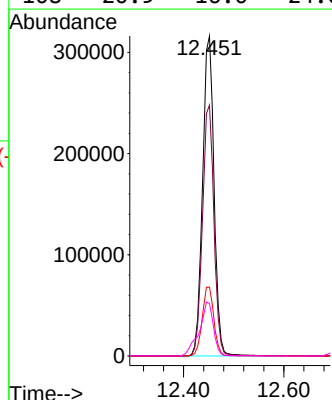
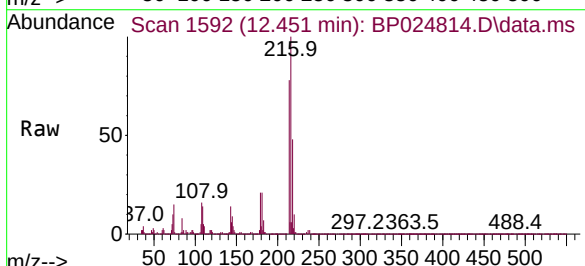
Ion Ratio Lower Upper

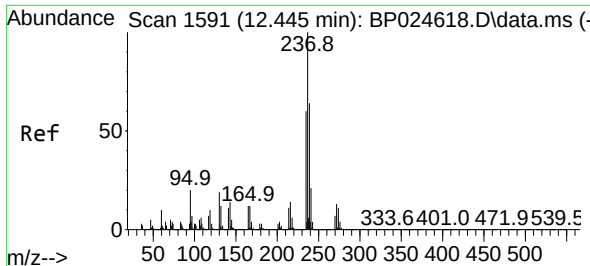
216 100

214 78.7 62.3 93.5

179 21.9 17.7 26.5

108 20.9 16.0 24.0

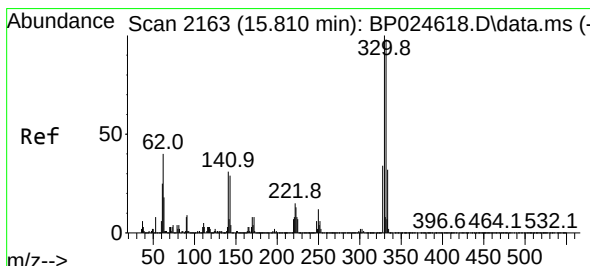
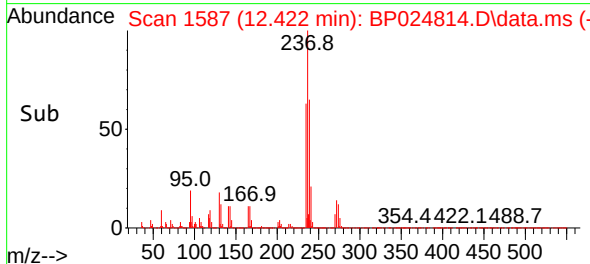
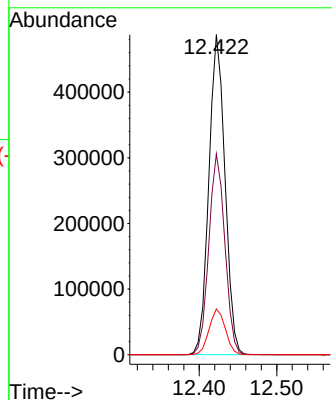
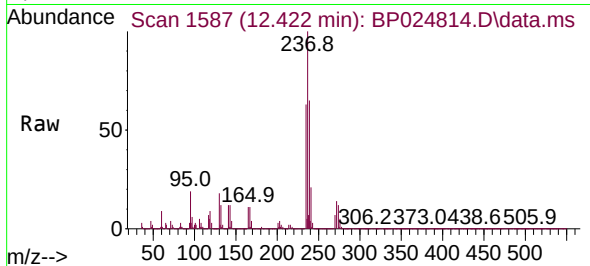




#41
Hexachlorocyclopentadiene
Concen: 115.297 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

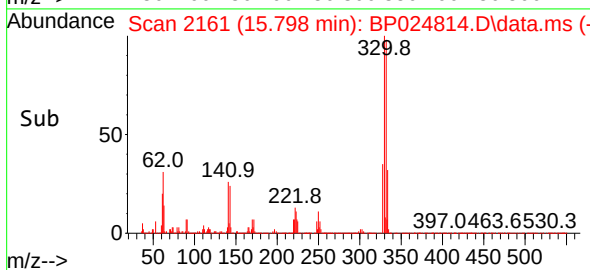
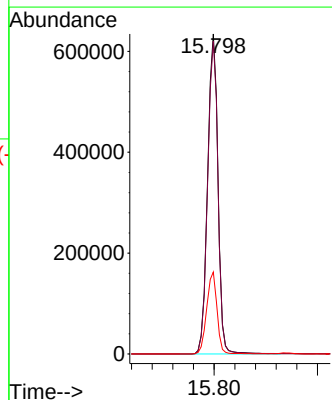
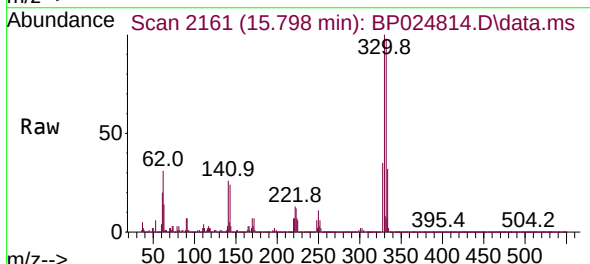
Instrument :
BNA_P
ClientSampleId :
PB168177BS

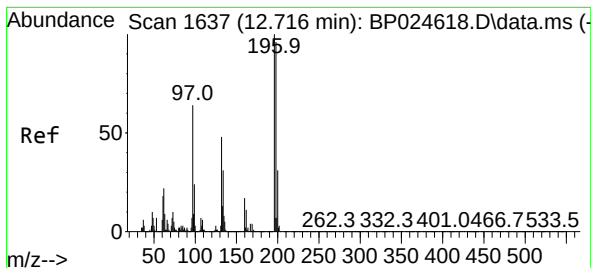
Tgt Ion:237 Resp: 704526
Ion Ratio Lower Upper
237 100
235 62.7 39.9 79.9
272 14.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 149.961 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:330 Resp: 882243
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 25.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 50.019 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

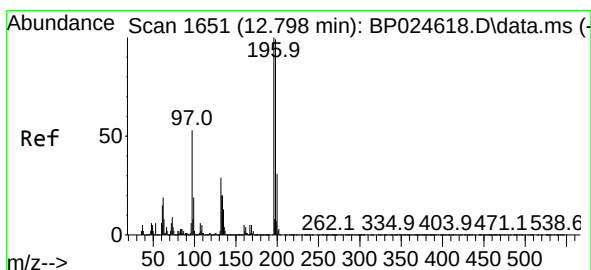
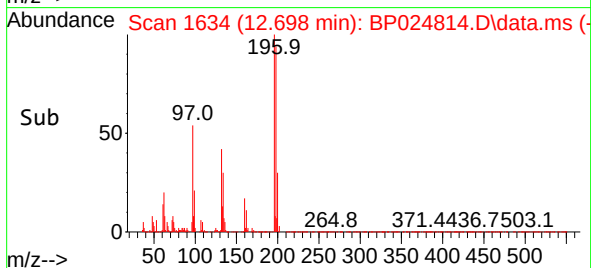
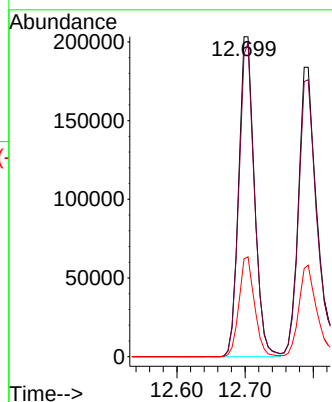
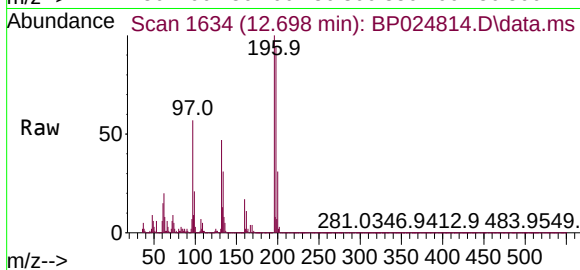
Tgt Ion:196 Resp: 326482

Ion Ratio Lower Upper

196 100

198 94.5 76.9 115.3

200 30.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.386 ng

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Tgt Ion:196 Resp: 358817

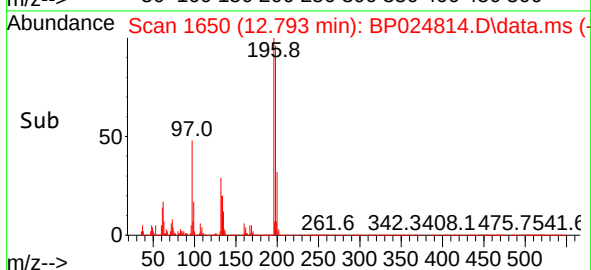
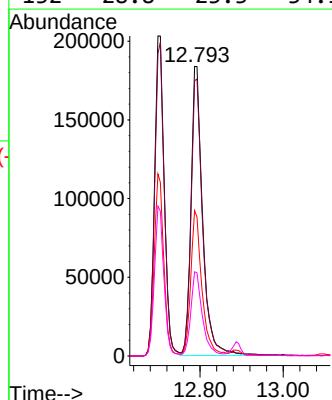
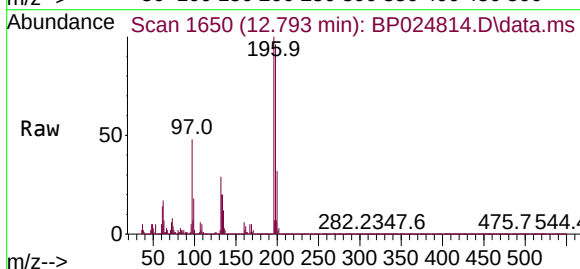
Ion Ratio Lower Upper

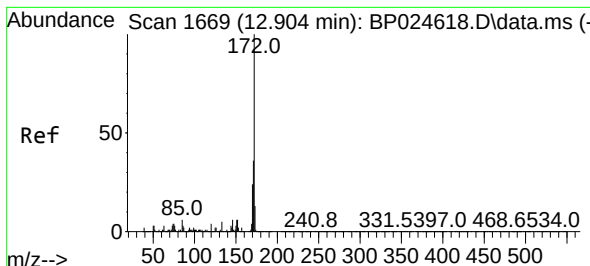
196 100

198 95.7 79.2 118.8

97 48.0 42.3 63.5

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.572 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

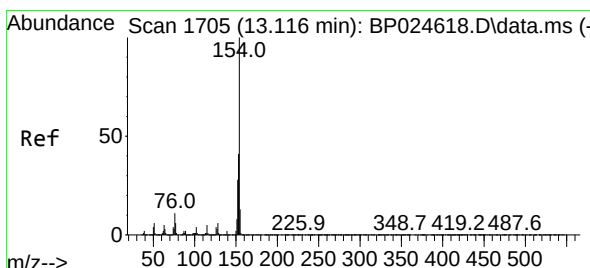
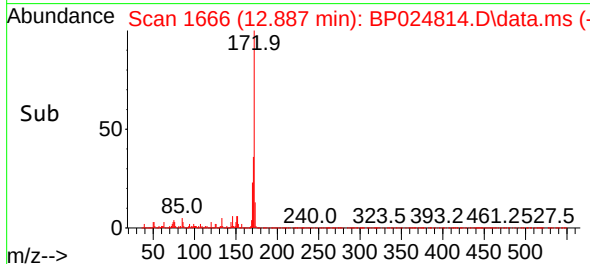
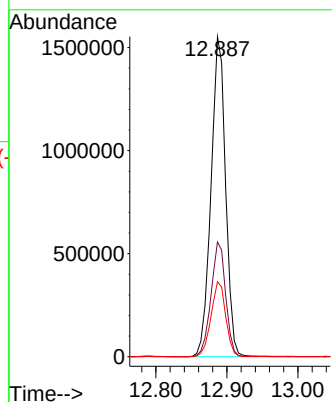
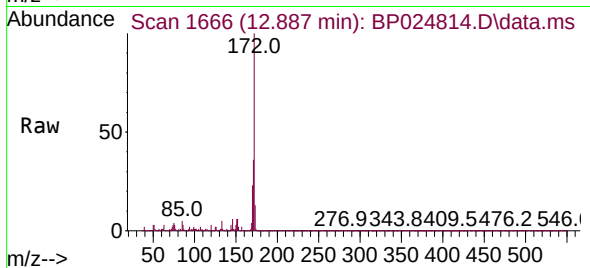
Tgt Ion:172 Resp: 2213688

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.819 ng

RT: 13.098 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

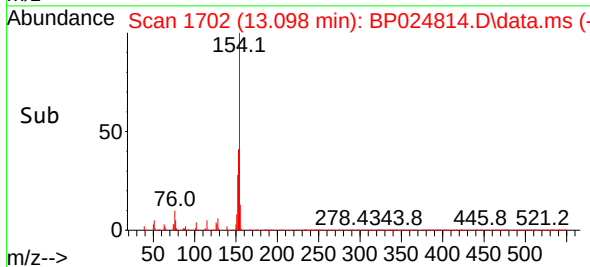
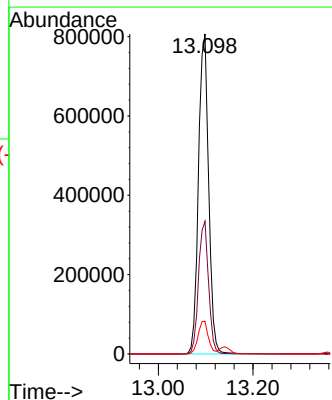
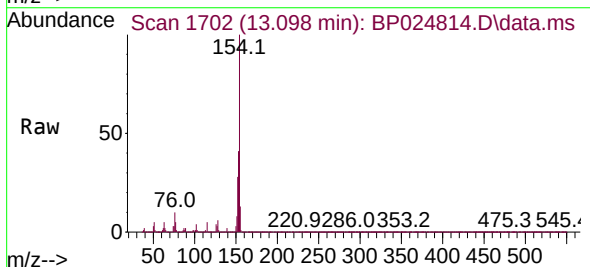
Tgt Ion:154 Resp: 1200872

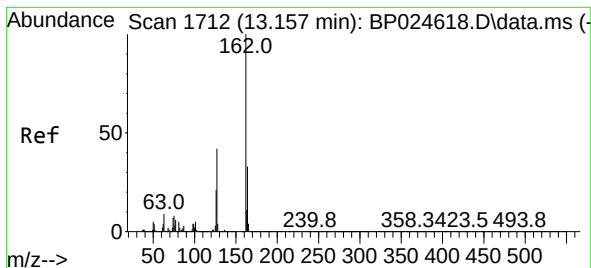
Ion Ratio Lower Upper

154 100

153 41.5 21.0 61.0

76 10.3 0.0 31.5

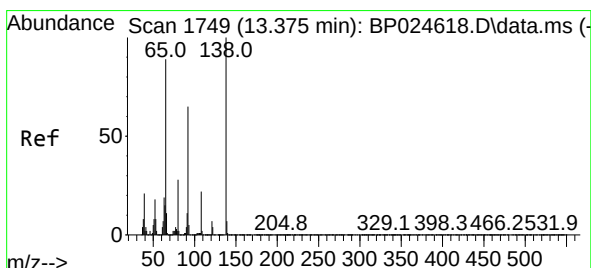
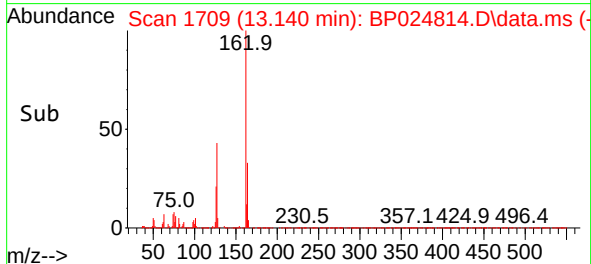
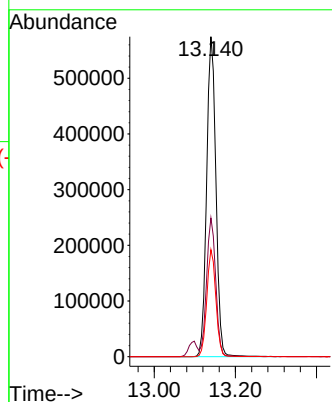
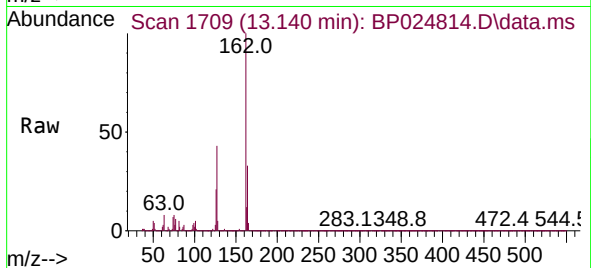




#47
2-Chloronaphthalene
Concen: 46.472 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

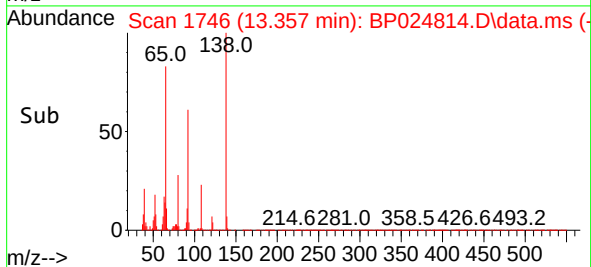
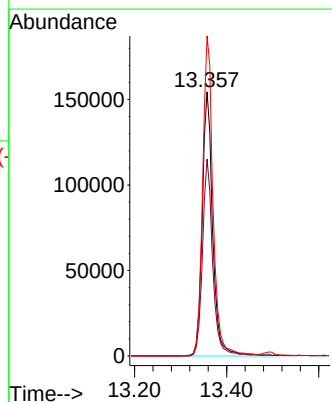
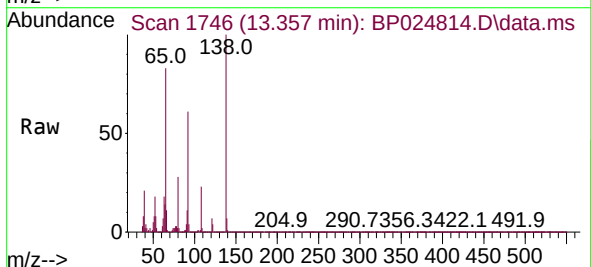
Instrument :
BNA_P
ClientSampleId :
PB168177BS

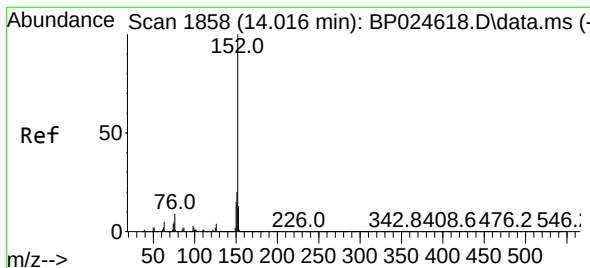
Tgt Ion:162 Resp: 908842
Ion Ratio Lower Upper
162 100
127 43.3 33.8 50.6
164 33.5 26.0 39.0



#48
2-Nitroaniline
Concen: 42.474 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 65 Resp: 245924
Ion Ratio Lower Upper
65 100
92 74.5 58.7 88.1
138 121.1 90.2 135.2





#49

Acenaphthylene

Concen: 44.556 ng

RT: 13.993 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

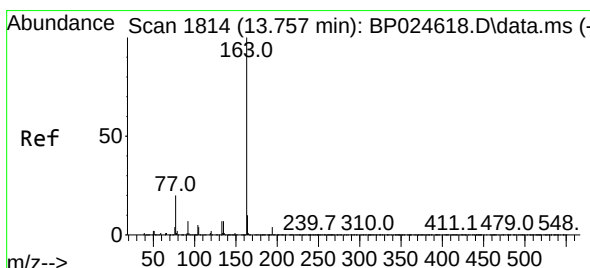
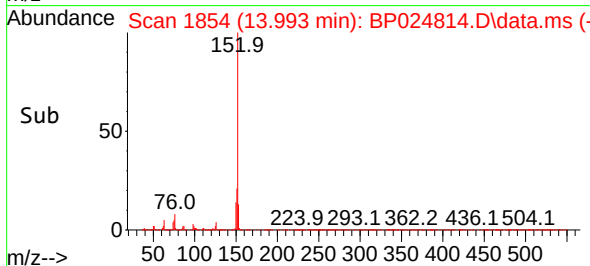
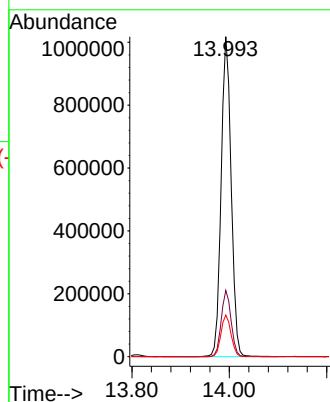
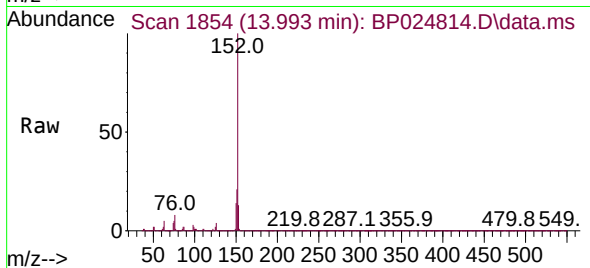
Tgt Ion:152 Resp: 1458233

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 43.394 ng

RT: 13.740 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

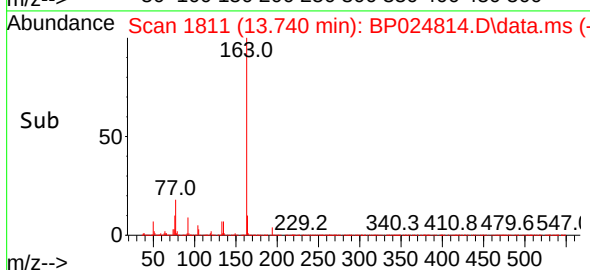
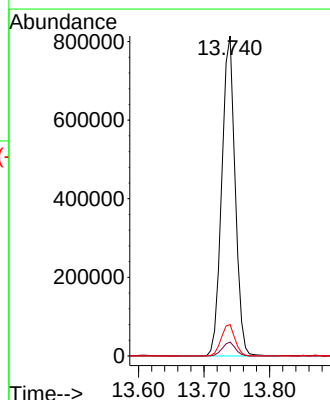
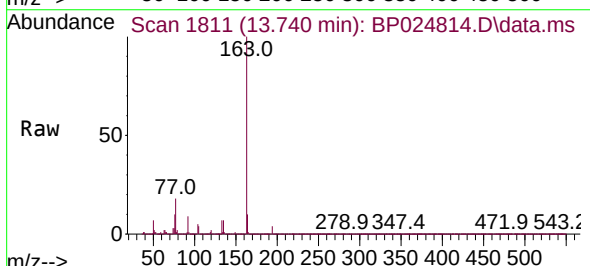
Tgt Ion:163 Resp: 1147804

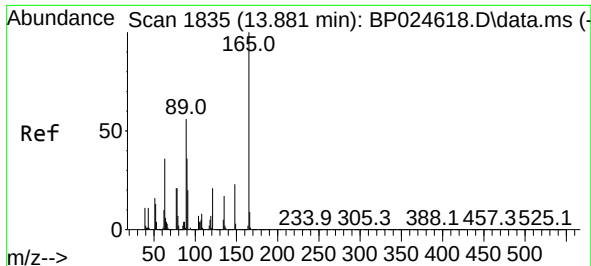
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.8 8.1 12.1

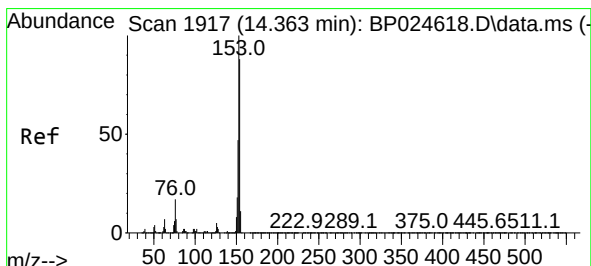
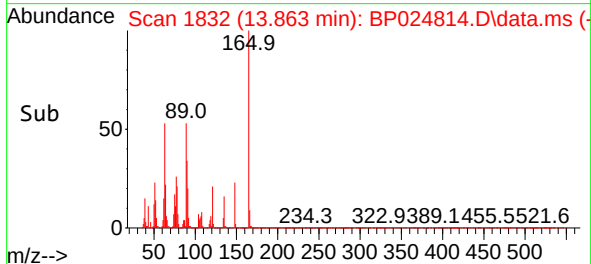
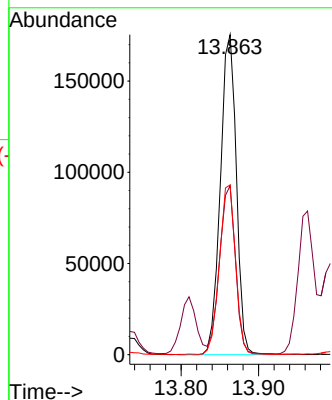
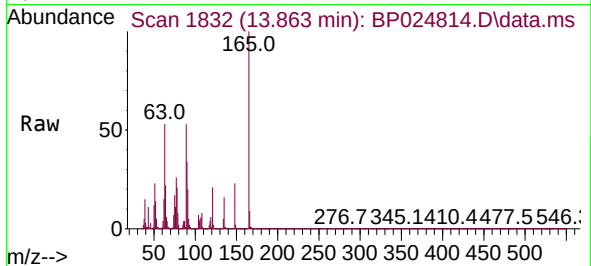




#51
2,6-Dinitrotoluene
Concen: 45.000 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

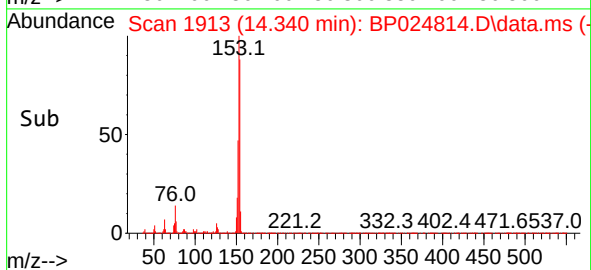
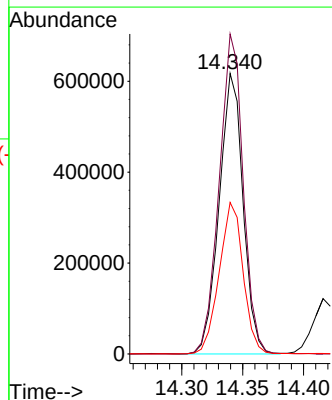
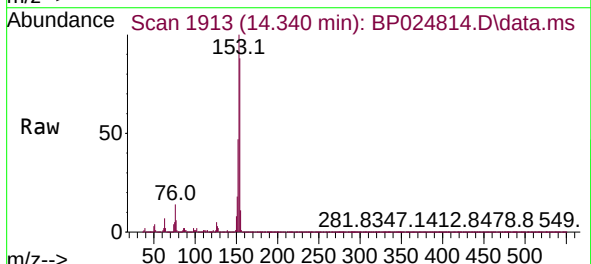
Instrument :
BNA_P
ClientSampleId :
PB168177BS

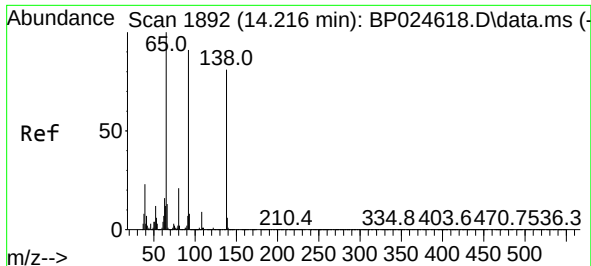
Tgt Ion:165 Resp: 251383
Ion Ratio Lower Upper
165 100
63 52.8 42.4 63.6
89 53.0 44.8 67.2



#52
Acenaphthene
Concen: 44.813 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:154 Resp: 843144
Ion Ratio Lower Upper
154 100
153 114.1 91.0 136.4
152 54.0 42.9 64.3

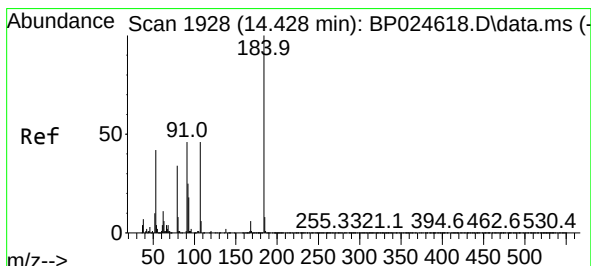
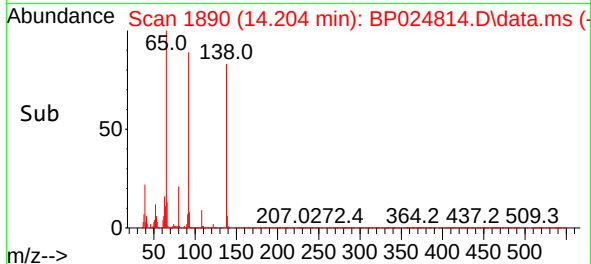
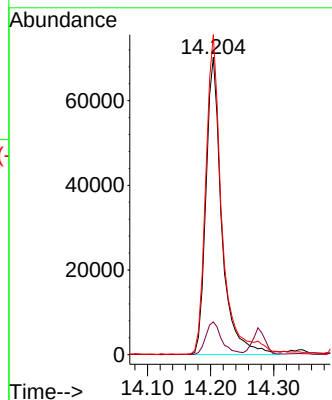
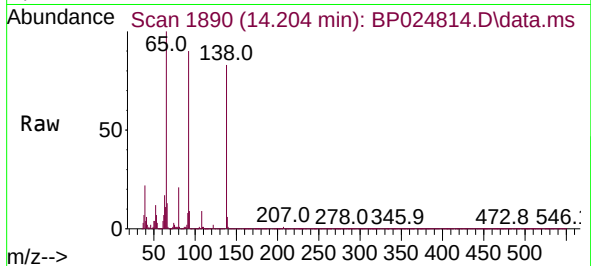




#53
3-Nitroaniline
Concen: 21.404 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

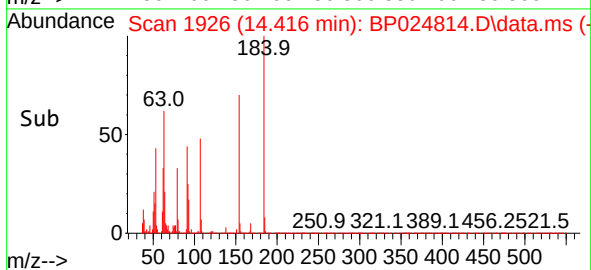
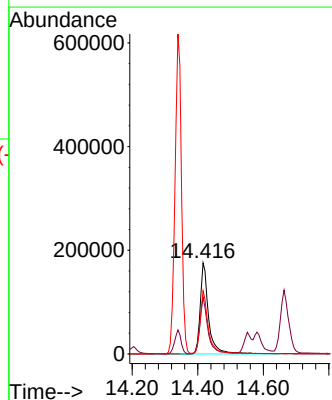
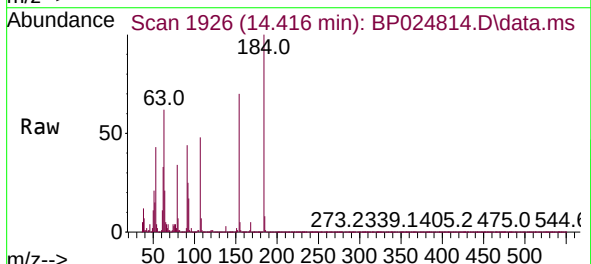
Instrument :
BNA_P
ClientSampleId :
PB168177BS

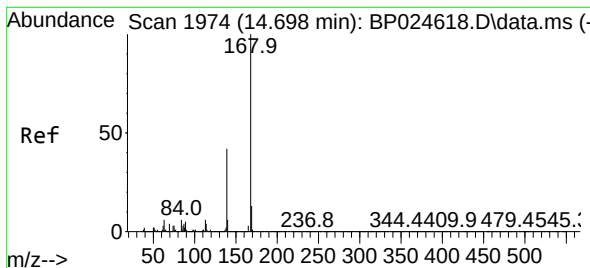
Tgt Ion:138 Resp: 122090
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 107.6 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 88.530 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:184 Resp: 314470
Ion Ratio Lower Upper
184 100
63 62.3 51.3 76.9
154 69.5 53.5 80.3





#55

Dibenzofuran

Concen: 44.624 ng

RT: 14.681 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

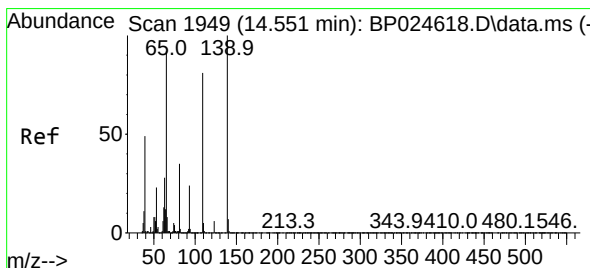
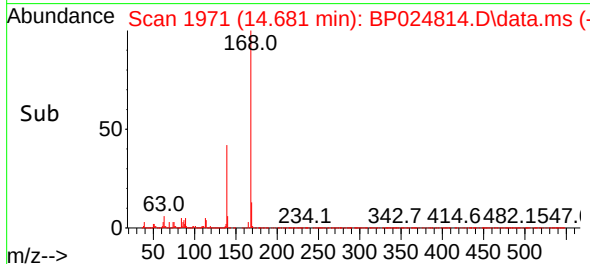
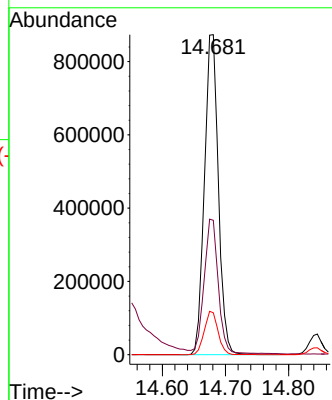
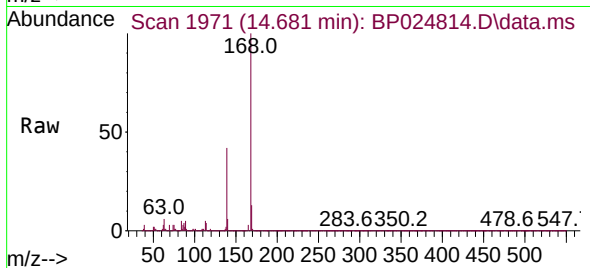
Tgt Ion:168 Resp: 1339198

Ion Ratio Lower Upper

168 100

139 42.0 34.2 51.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 74.377 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

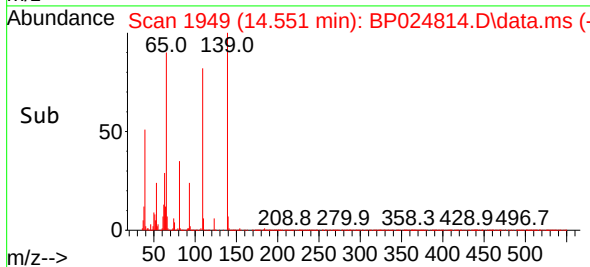
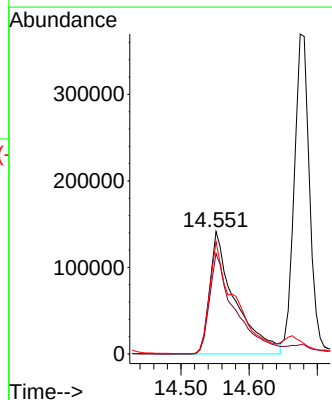
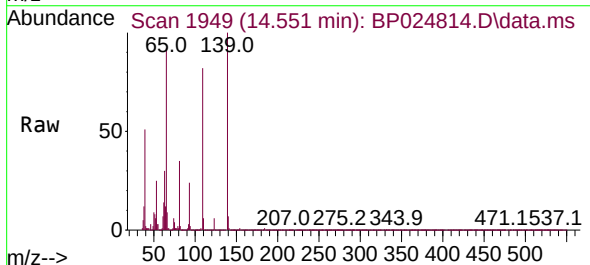
Tgt Ion:139 Resp: 365733

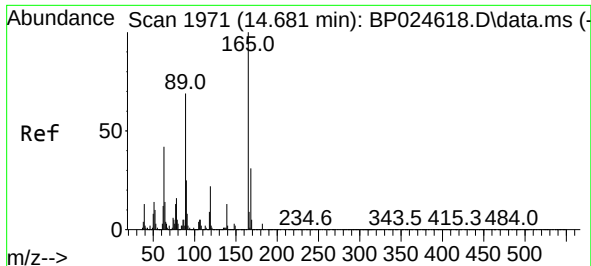
Ion Ratio Lower Upper

139 100

109 82.1 61.4 101.4

65 91.7 72.2 112.2

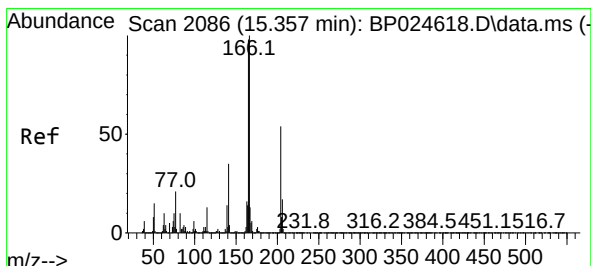
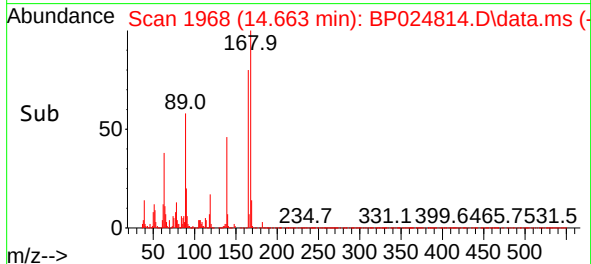
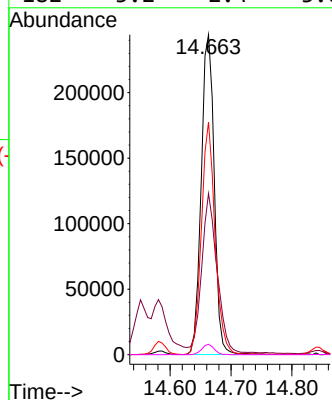
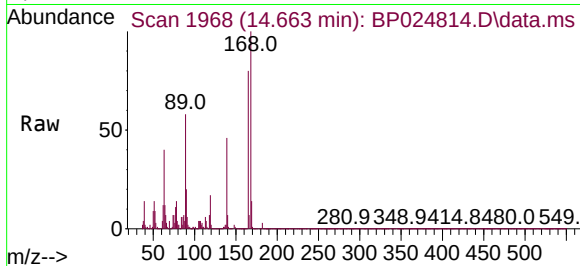




#57
2,4-Dinitrotoluene
Concen: 45.998 ng
RT: 14.663 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

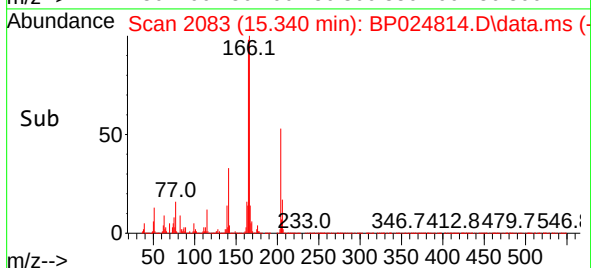
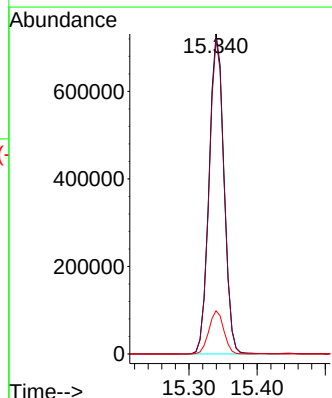
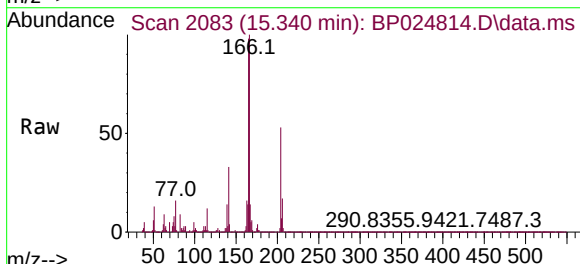
Instrument :
BNA_P
ClientSampleId :
PB168177BS

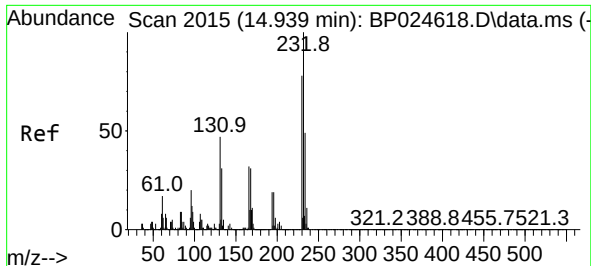
Tgt Ion:165 Resp: 362259
Ion Ratio Lower Upper
165 100
63 50.4 33.8 50.6
89 72.7 55.6 83.4
182 3.2 2.4 3.6



#58
Fluorene
Concen: 45.385 ng
RT: 15.340 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:166 Resp: 1110601
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.5 10.7 16.1

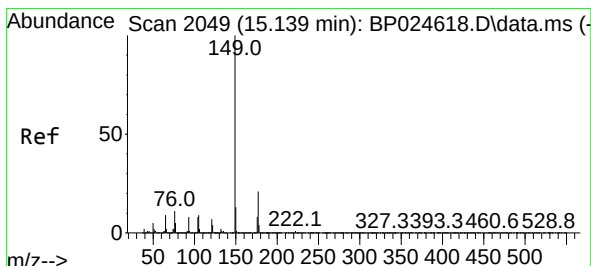
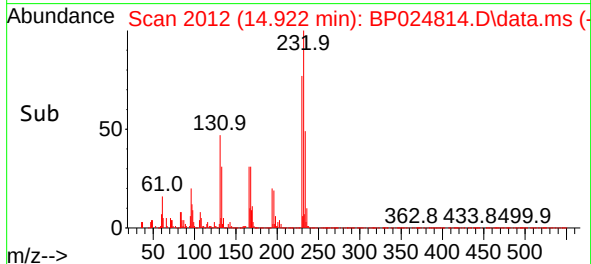
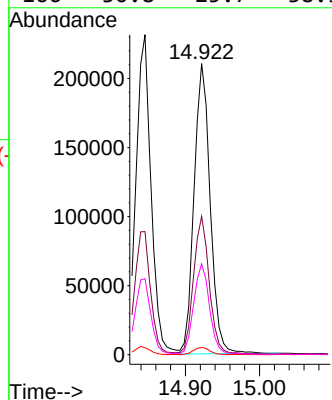
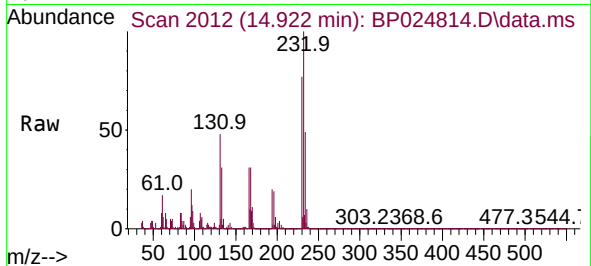




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.048 ng
RT: 14.922 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

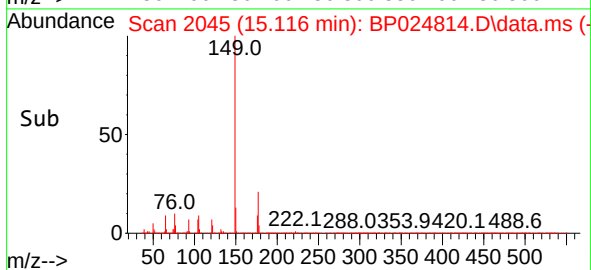
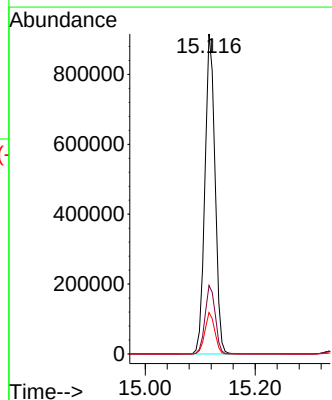
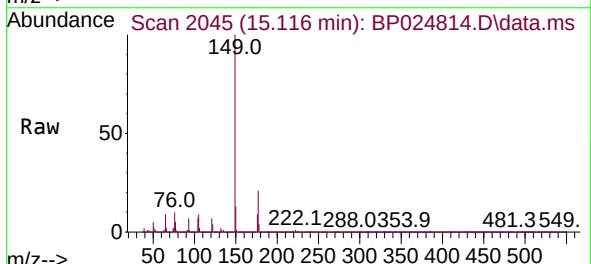
Instrument :
BNA_P
ClientSampleId :
PB168177BS

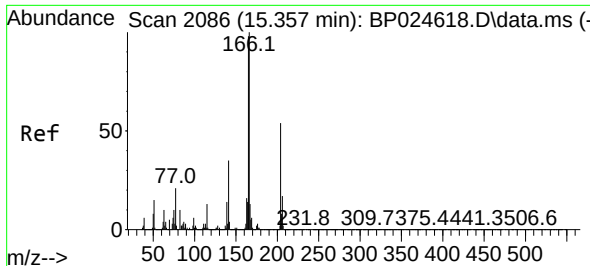
Tgt Ion:232 Resp: 317104
Ion Ratio Lower Upper
232 100
131 46.6 39.5 59.3
130 2.6 2.2 3.4
166 30.8 25.7 38.5



#60
Diethylphthalate
Concen: 43.715 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:149 Resp: 1168675
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.9 10.2 15.2

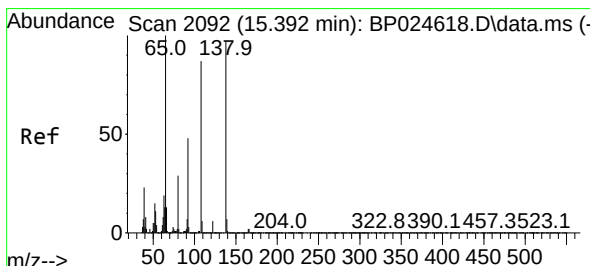
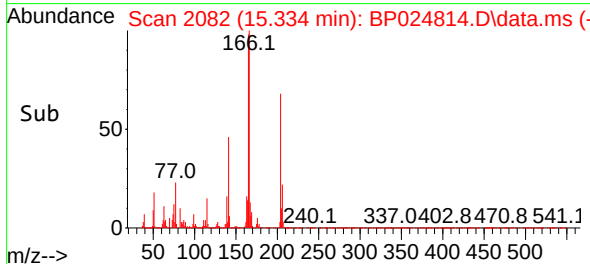
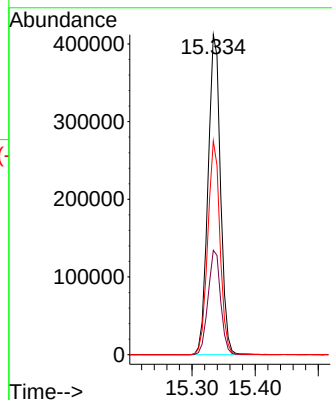
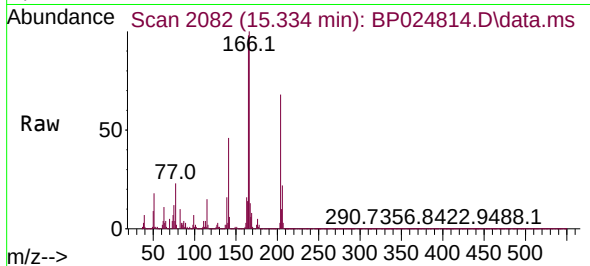




#61
4-Chlorophenyl-phenylether
Concen: 46.220 ng
RT: 15.334 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

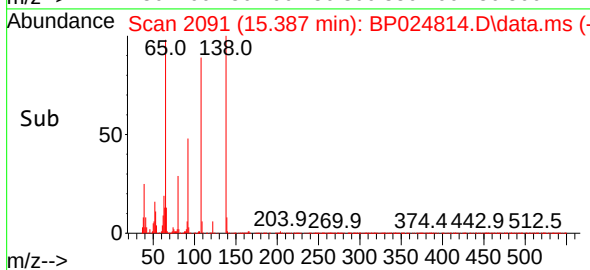
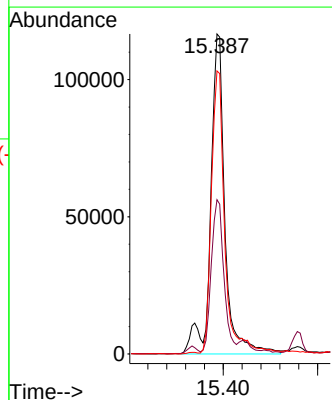
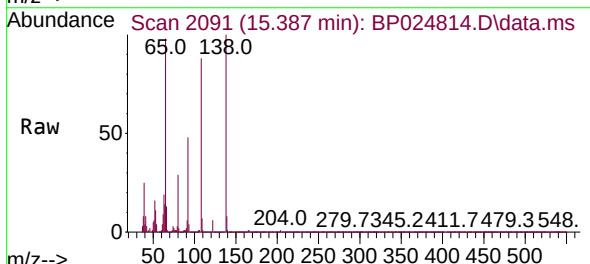
Instrument :
BNA_P
ClientSampleId :
PB168177BS

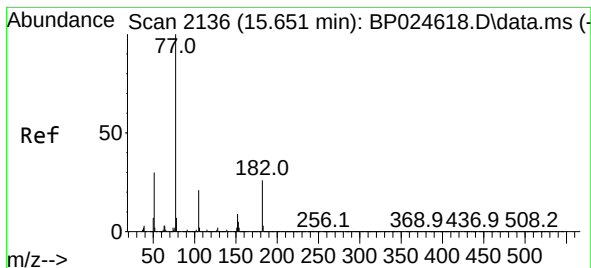
Tgt Ion:204 Resp: 564051
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 66.8 52.9 79.3



#62
4-Nitroaniline
Concen: 44.566 ng m
RT: 15.387 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:138 Resp: 245449
Ion Ratio Lower Upper
138 100
92 48.2 29.2 69.2
108 88.5 69.0 109.0

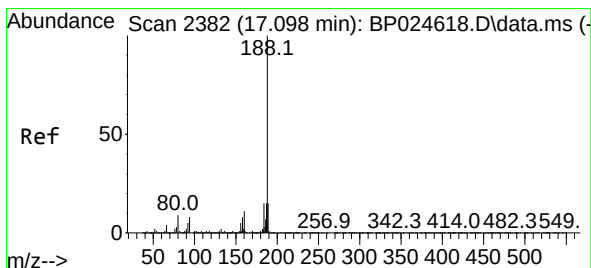
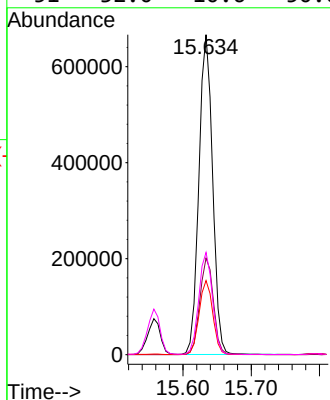
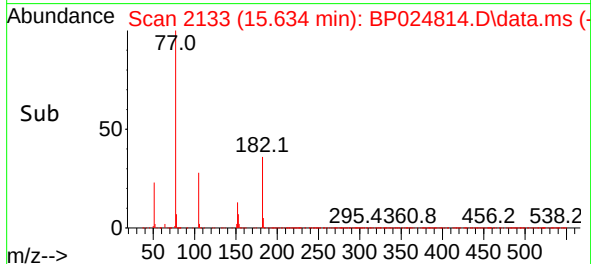
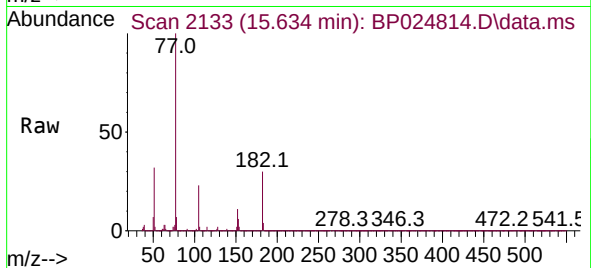




#63
Azobenzene
Concen: 40.734 ng
RT: 15.634 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

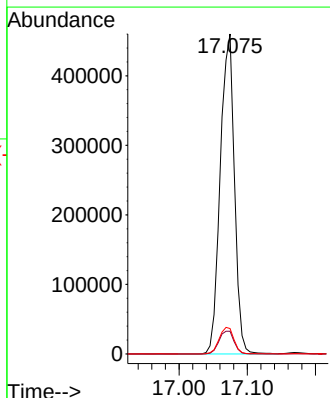
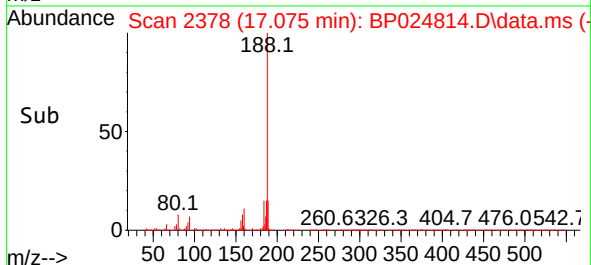
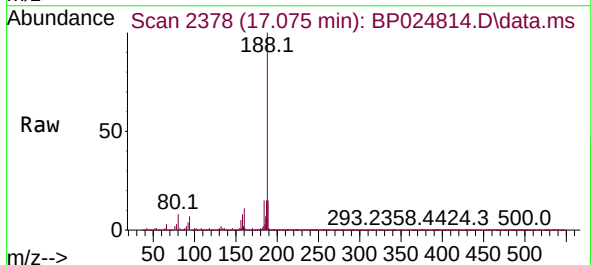
Instrument :
BNA_P
ClientSampleId :
PB168177BS

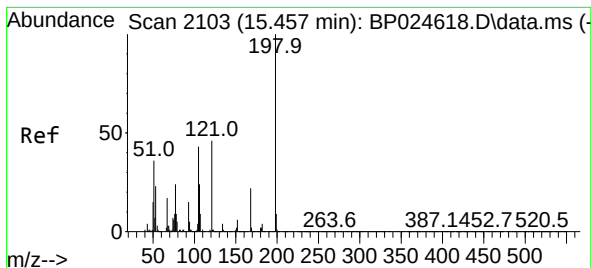
Tgt Ion: 77 Resp: 931599
Ion Ratio Lower Upper
77 100
182 30.2 5.7 45.7
105 23.1 1.3 41.3
51 32.0 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion: 188 Resp: 665381
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.0 7.3 10.9

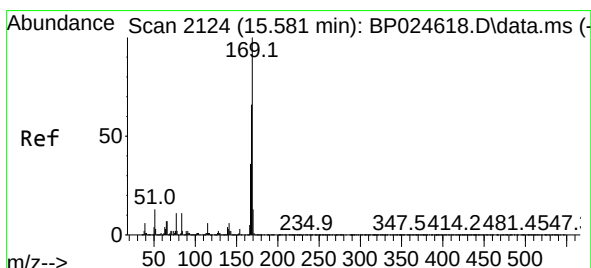
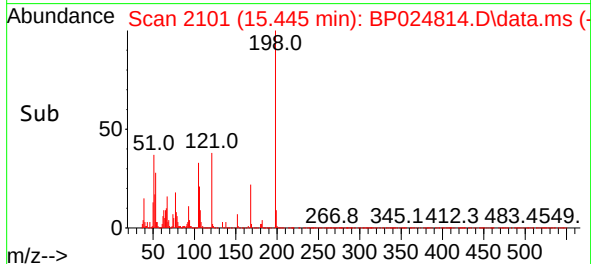
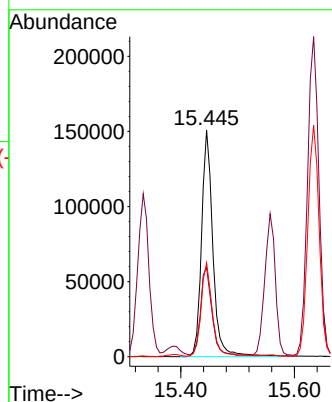
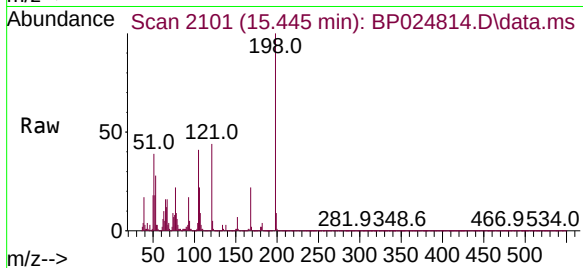




#65
4,6-Dinitro-2-methylphenol
Concen: 48.655 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

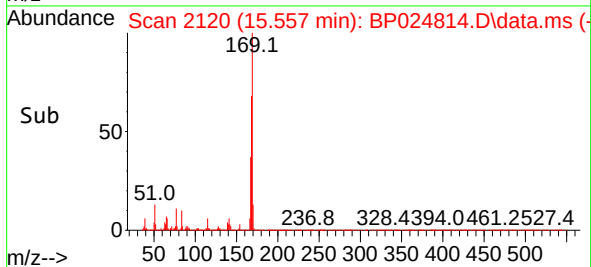
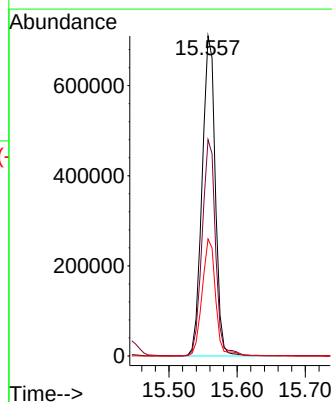
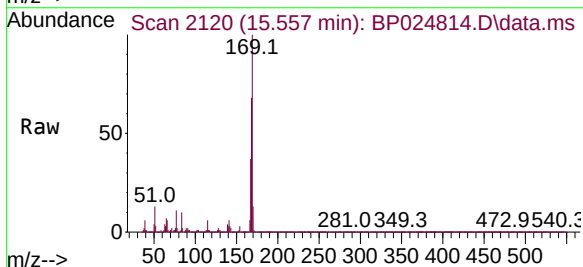
Instrument :
BNA_P
ClientSampleId :
PB168177BS

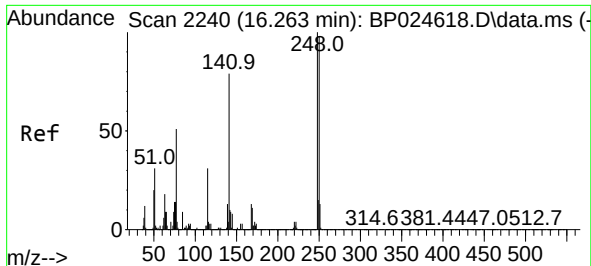
Tgt Ion:198 Resp: 209116
Ion Ratio Lower Upper
198 100
51 39.4 21.1 61.1
105 41.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.680 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:169 Resp: 954044
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.6 28.6 43.0

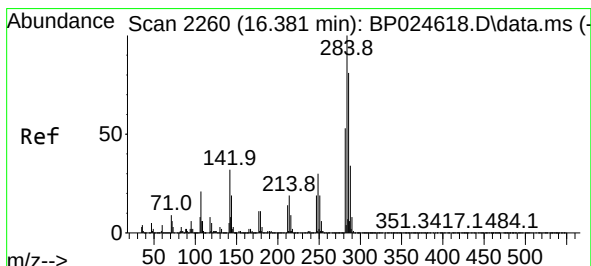
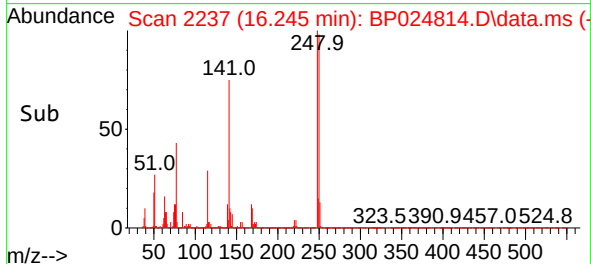
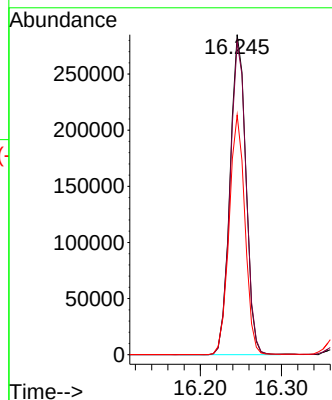
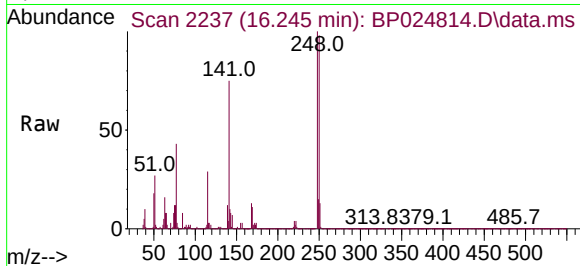




#67
4-Bromophenyl-phenylether
Concen: 49.389 ng
RT: 16.245 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

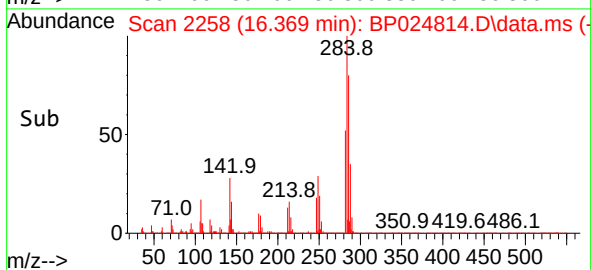
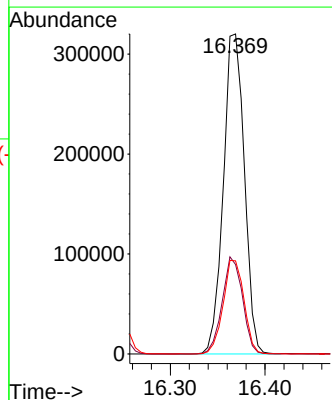
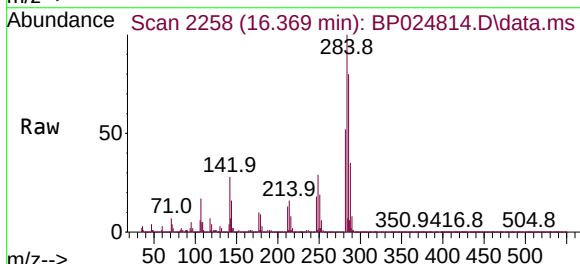
Instrument :
BNA_P
ClientSampleId :
PB168177BS

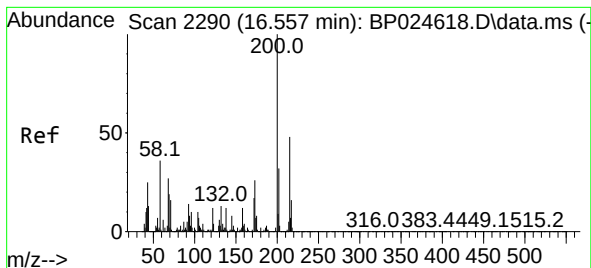
Tgt Ion:248 Resp: 387235
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.4
141 74.9 63.0 94.6



#68
Hexachlorobenzene
Concen: 49.543 ng
RT: 16.369 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:284 Resp: 493585
Ion Ratio Lower Upper
284 100
142 27.9 25.9 38.9
249 29.1 24.1 36.1





#69

Atrazine

Concen: 48.065 ng

RT: 16.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

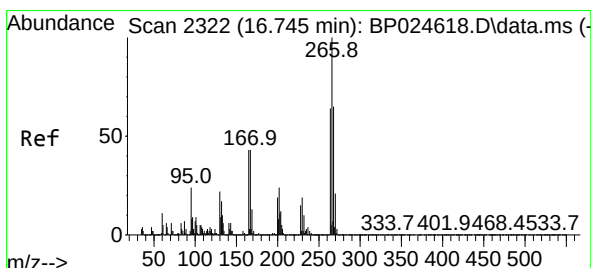
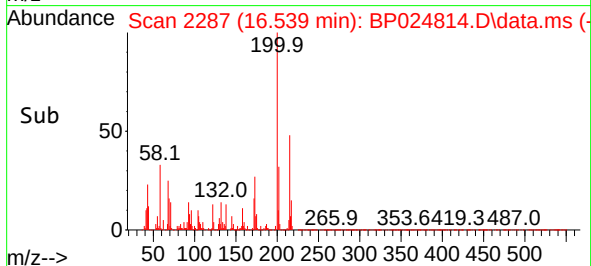
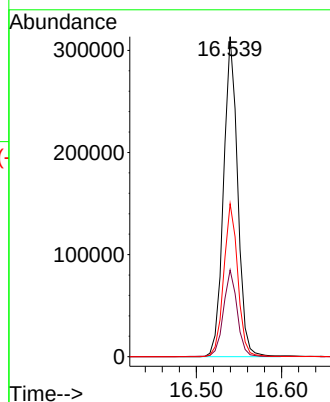
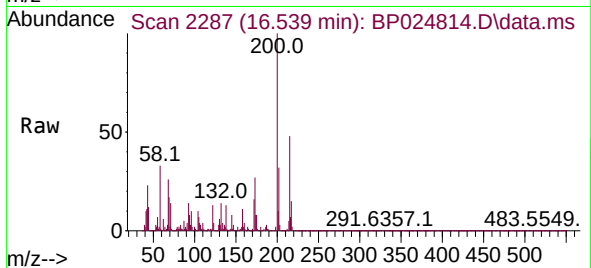
Tgt Ion:200 Resp: 360006

Ion Ratio Lower Upper

200 100

173 27.1 5.9 45.9

215 47.8 28.3 68.3



#70

Pentachlorophenol

Concen: 111.274 ng

RT: 16.722 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

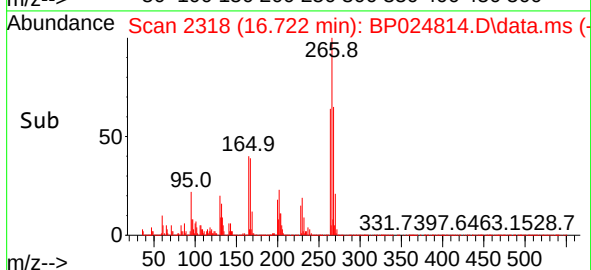
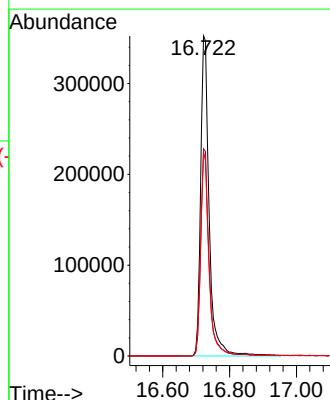
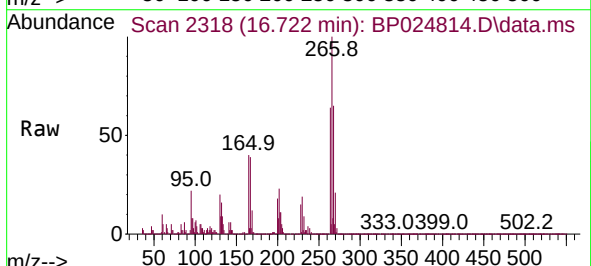
Tgt Ion:266 Resp: 622306

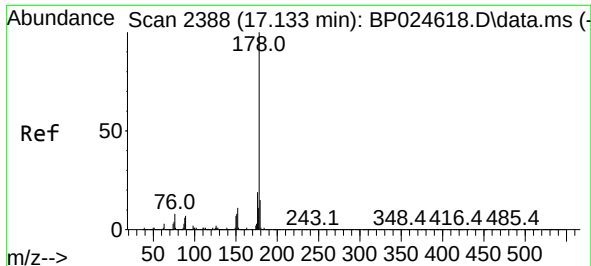
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.4

264 63.9 51.1 76.7

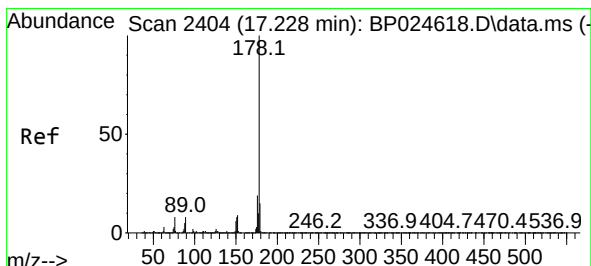
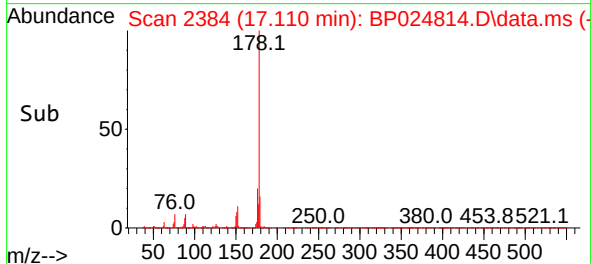
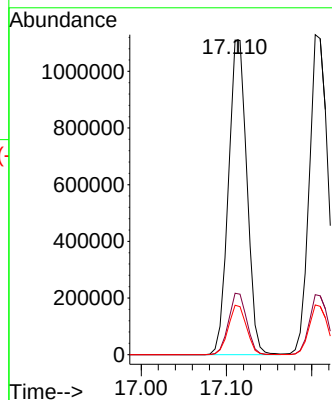
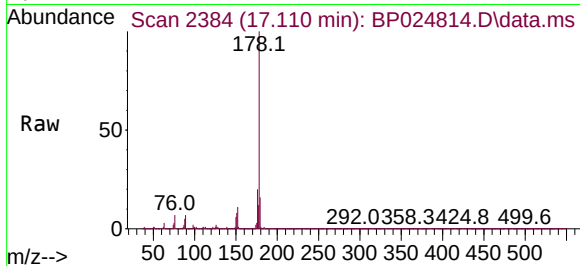




#71
Phenanthrene
Concen: 45.222 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

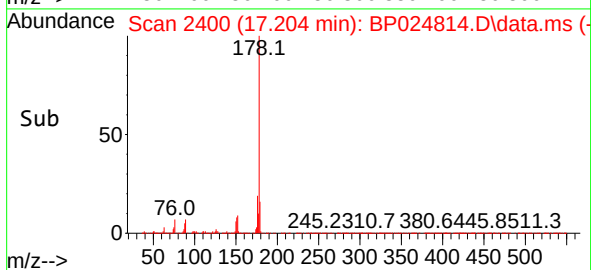
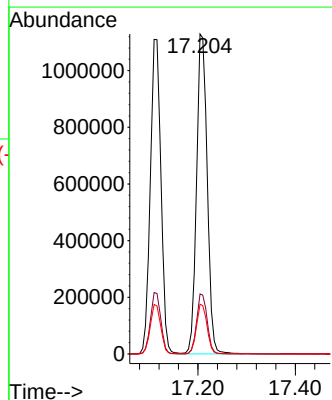
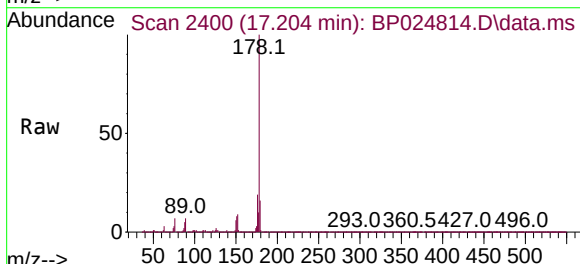
Instrument :
BNA_P
ClientSampleId :
PB168177BS

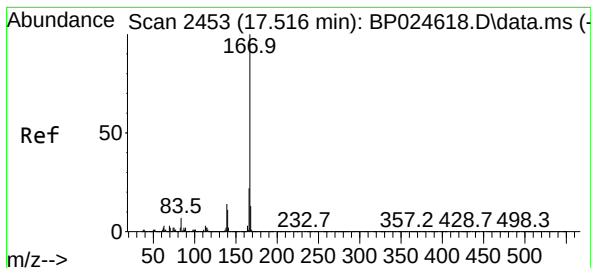
Tgt Ion:178 Resp: 1672718
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.7 12.2 18.4



#72
Anthracene
Concen: 46.475 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:178 Resp: 1729582
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.2





#73

Carbazole

Concen: 46.181 ng

RT: 17.492 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

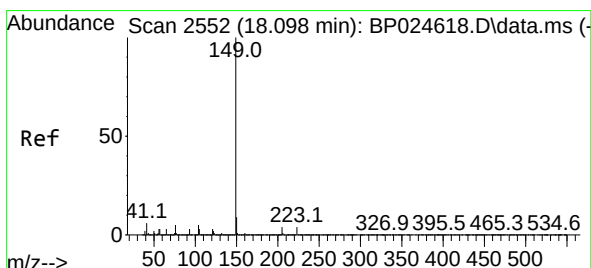
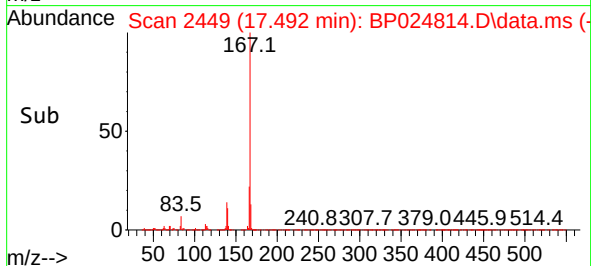
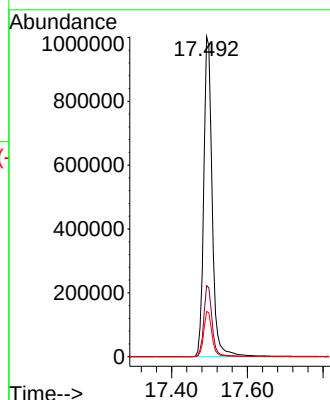
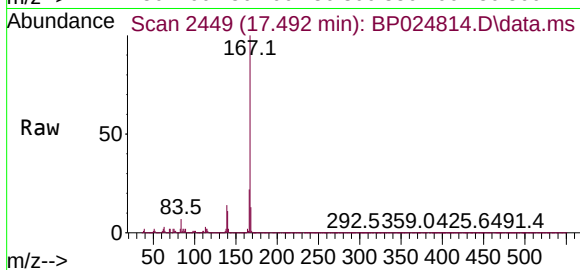
Tgt Ion:167 Resp: 1555539

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 14.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.859 ng

RT: 18.081 min Scan# 2549

Delta R.T. 0.018 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

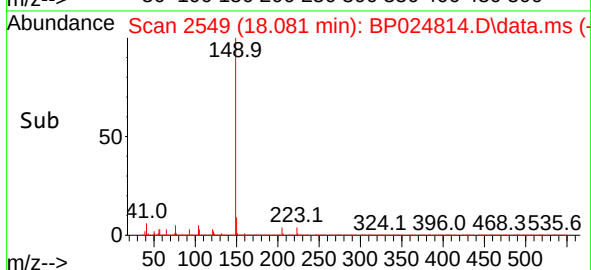
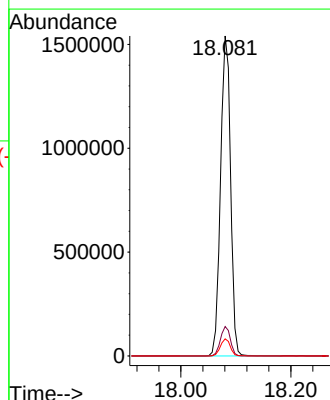
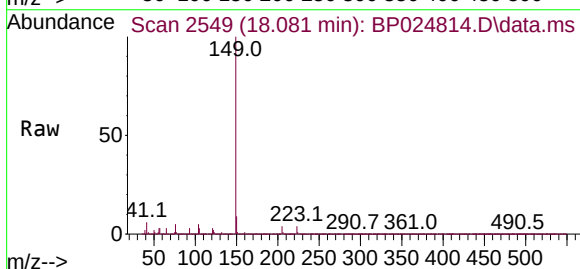
Tgt Ion:149 Resp: 1943279

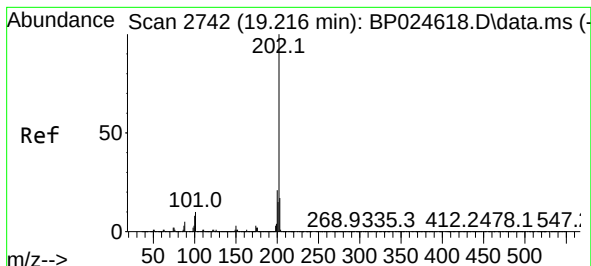
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 45.701 ng

RT: 19.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

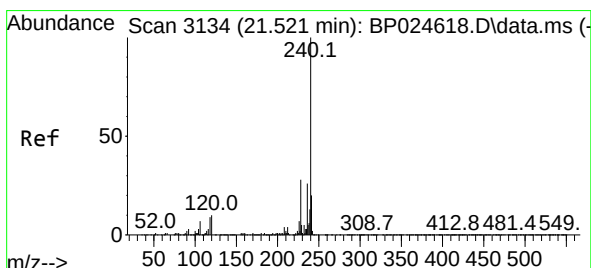
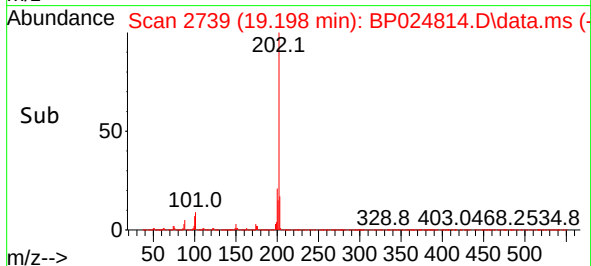
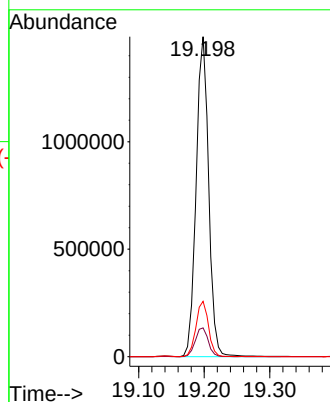
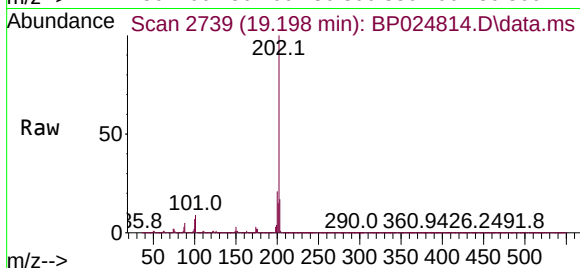
Tgt Ion:202 Resp: 1976034

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.3

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

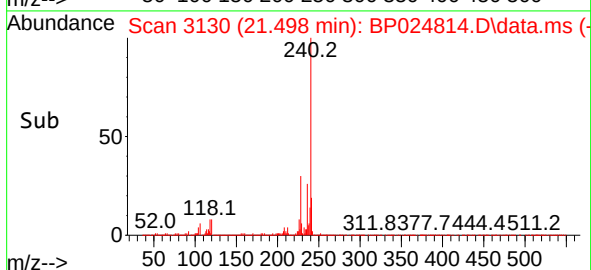
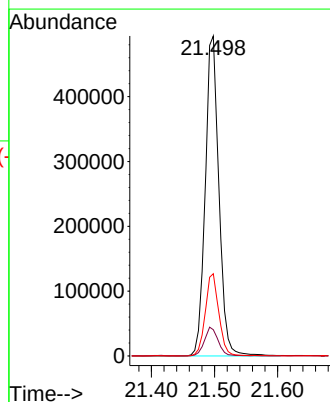
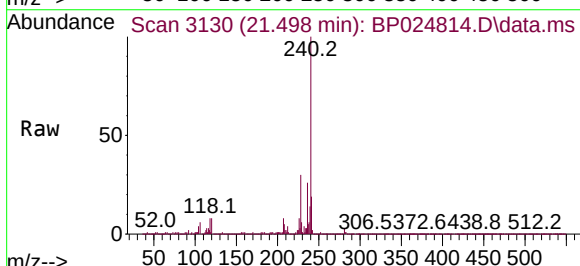
Tgt Ion:240 Resp: 741701

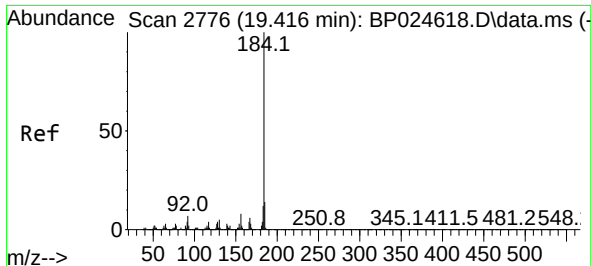
Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 25.7 20.6 31.0

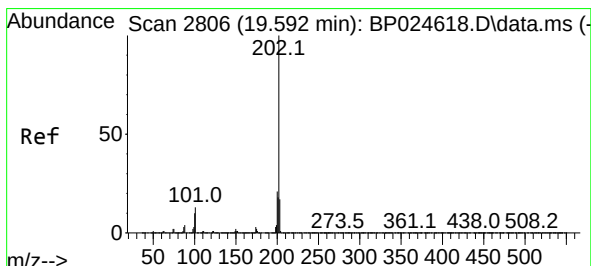
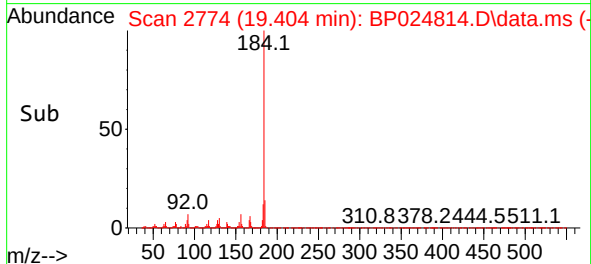
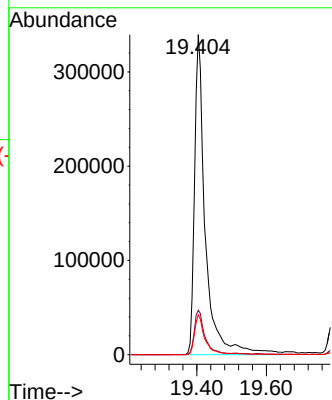
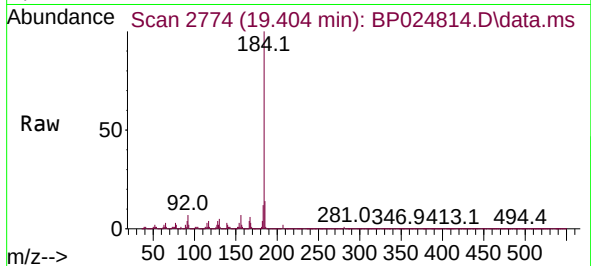




#77
Benzidine
Concen: 36.253 ng m
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

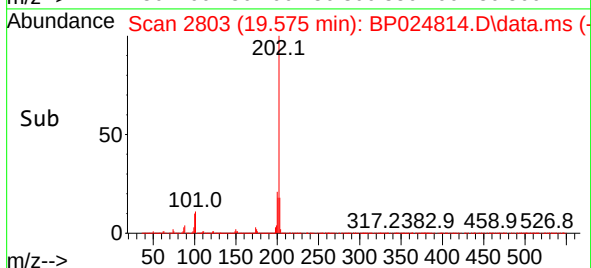
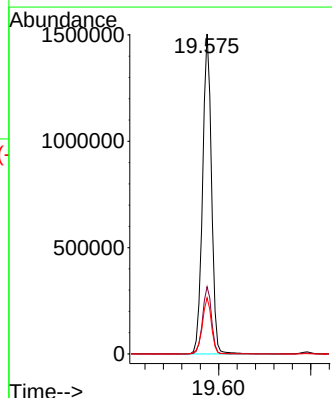
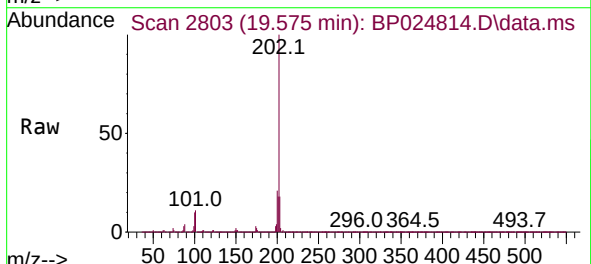
Instrument :
BNA_P
ClientSampleId :
PB168177BS

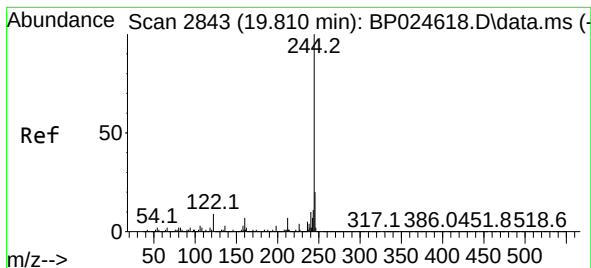
Tgt Ion:184 Resp: 732342
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 45.716 ng
RT: 19.575 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:202 Resp: 2031688
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 82.668 ng

RT: 19.792 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

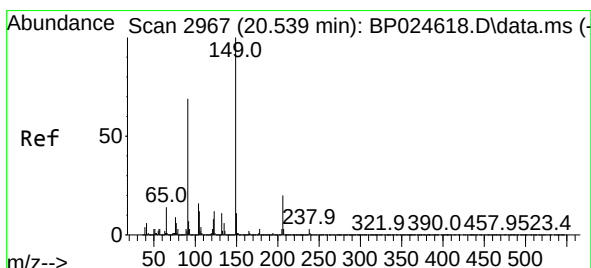
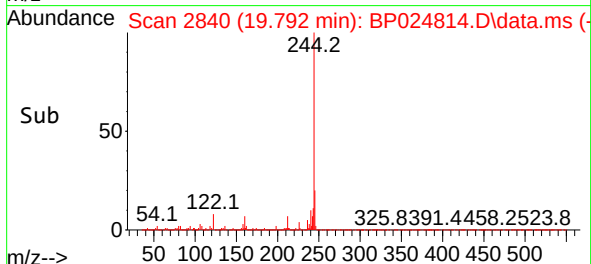
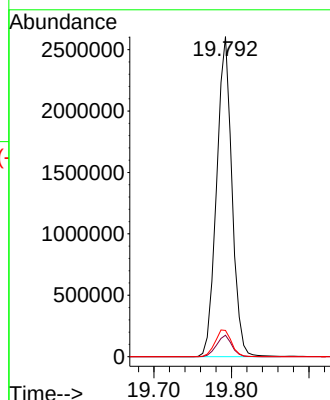
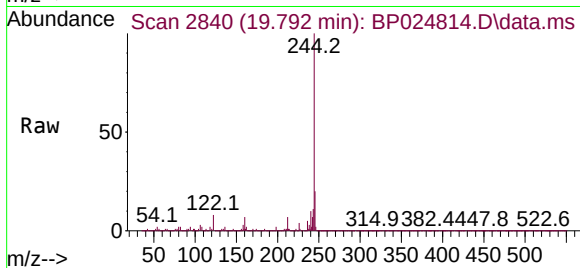
Tgt Ion:244 Resp: 3575870

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.2 7.4 11.0



#80

Butylbenzylphthalate

Concen: 45.385 ng

RT: 20.527 min Scan# 2965

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

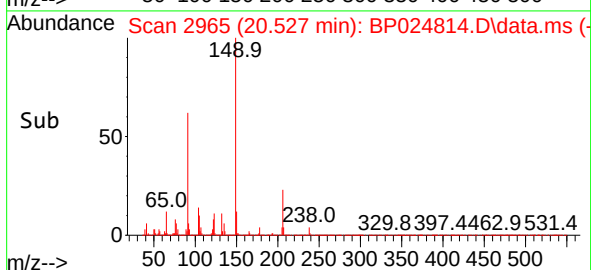
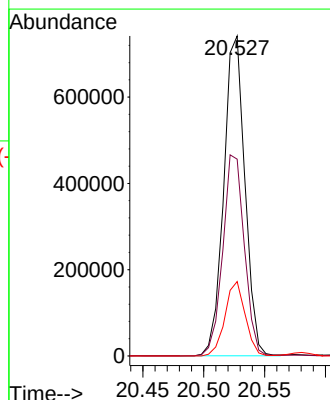
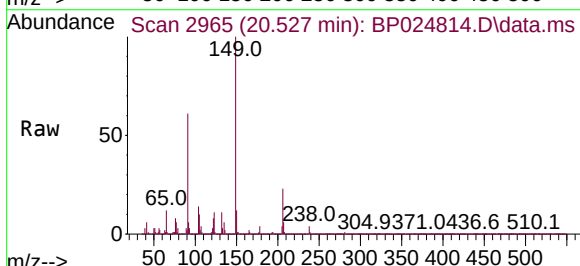
Tgt Ion:149 Resp: 897024

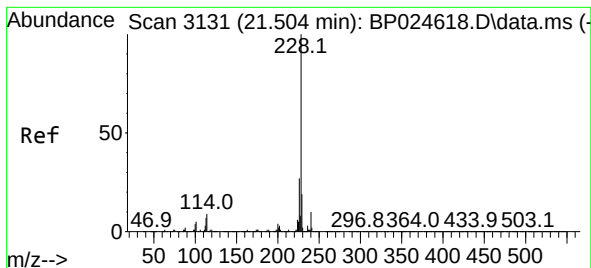
Ion Ratio Lower Upper

149 100

91 61.5 55.4 83.0

206 23.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.653 ng

RT: 21.474 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

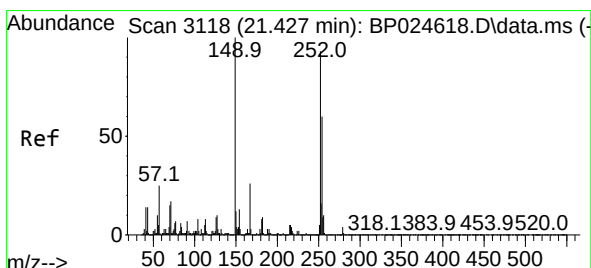
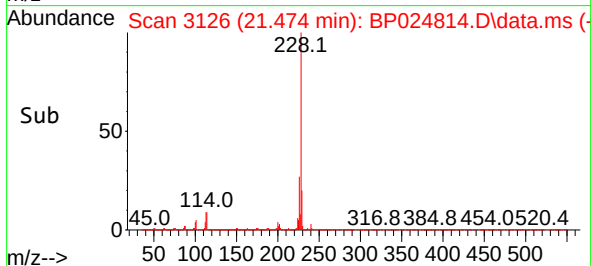
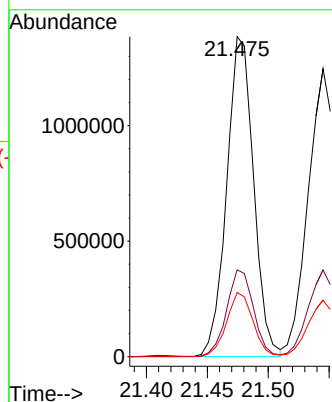
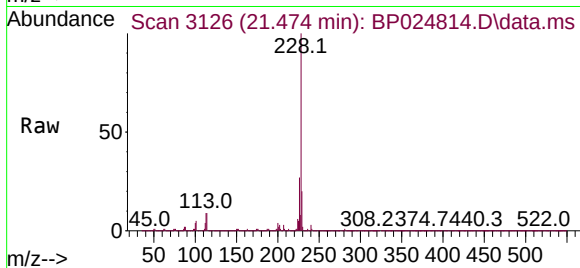
Tgt Ion:228 Resp: 2126151

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 31.393 ng

RT: 21.410 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

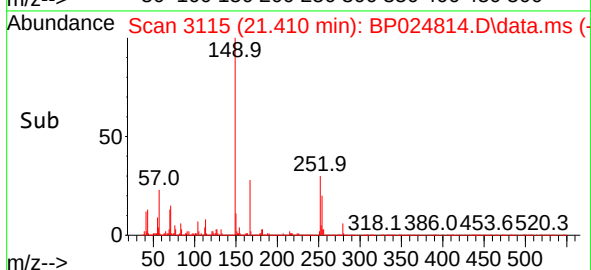
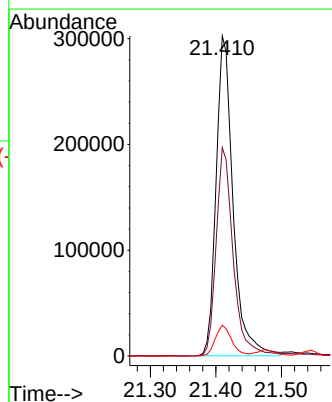
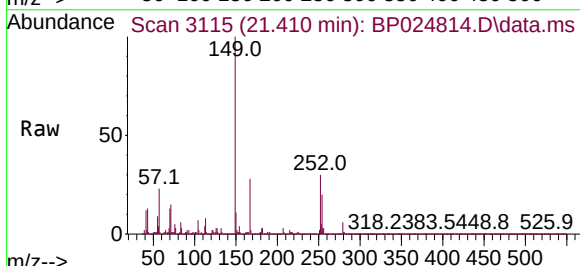
Tgt Ion:252 Resp: 543039

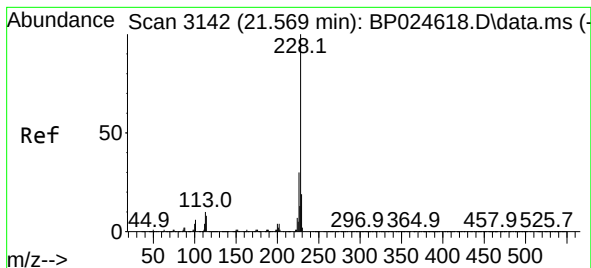
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 9.6 7.7 11.5





#83

Chrysene

Concen: 46.251 ng

RT: 21.545 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

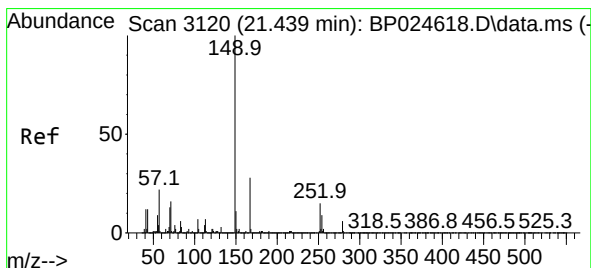
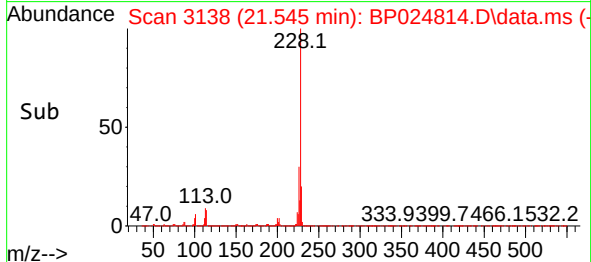
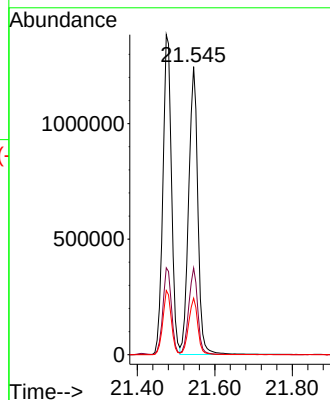
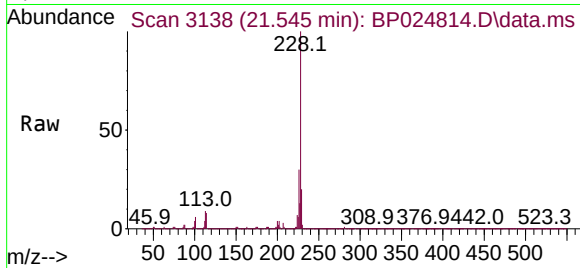
Tgt Ion:228 Resp: 2041909

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.771 ng

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

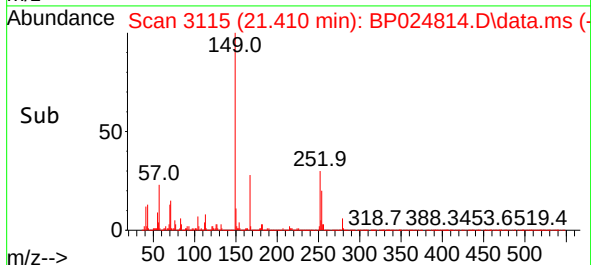
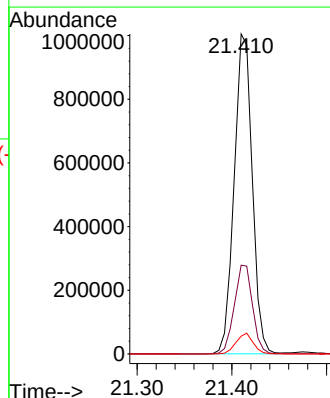
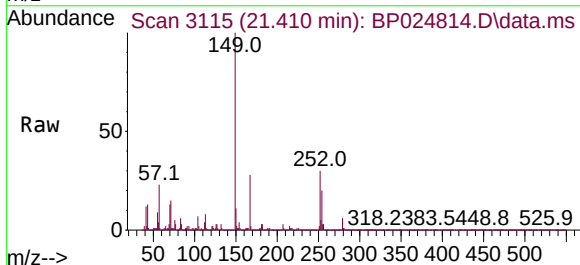
Tgt Ion:149 Resp: 1329670

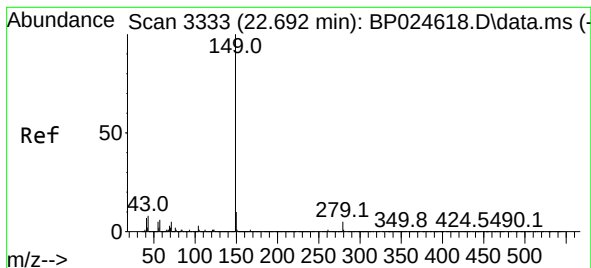
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 48.394 ng

RT: 22.657 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

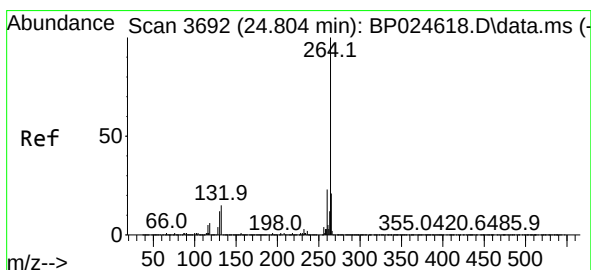
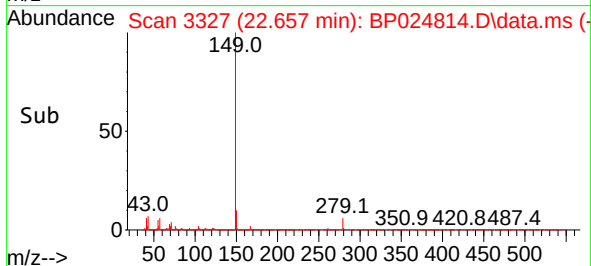
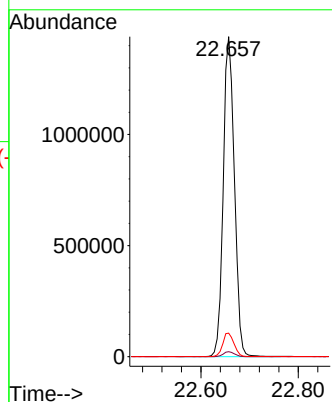
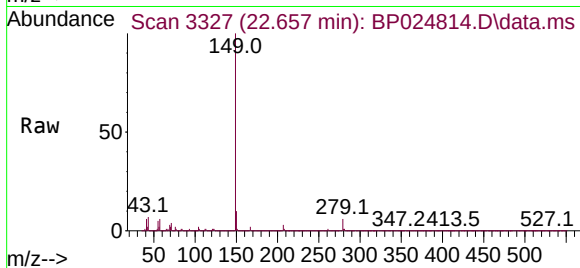
Tgt Ion:149 Resp: 2299012

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3686

Delta R.T. 0.024 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

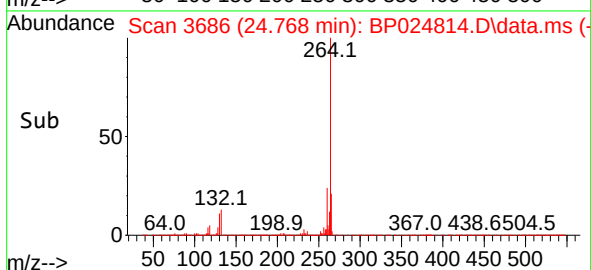
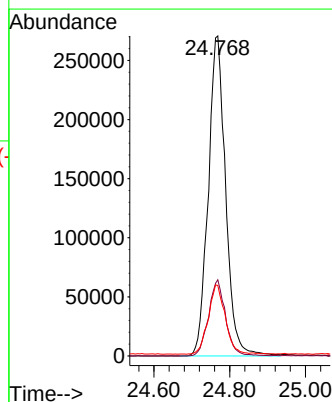
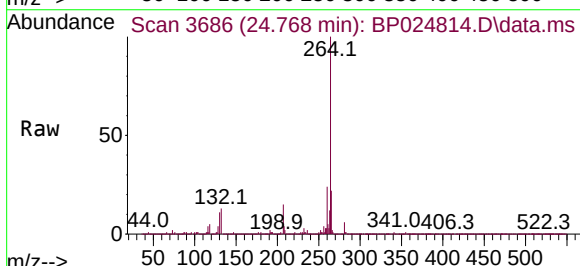
Tgt Ion:264 Resp: 860771

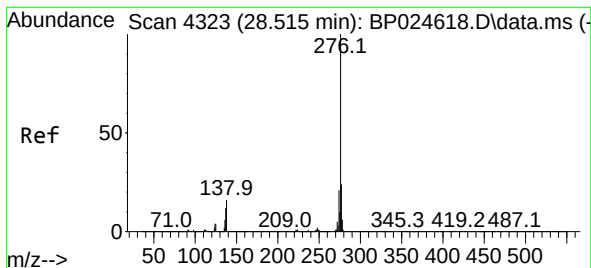
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.326 ng

RT: 28.462 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

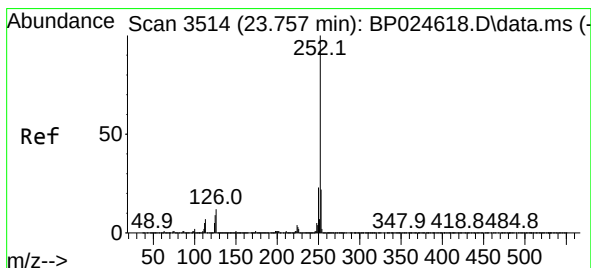
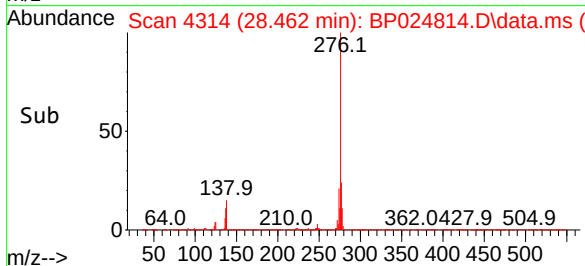
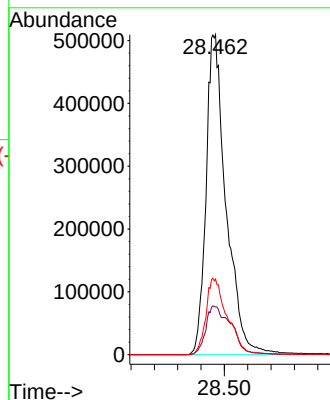
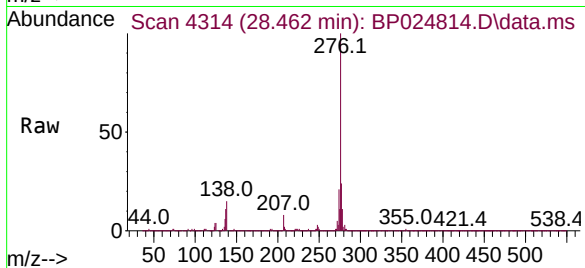
Tgt Ion:276 Resp: 3036894

Ion Ratio Lower Upper

276 100

138 19.3 11.2 16.8#

277 25.6 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.995 ng

RT: 23.733 min Scan# 3510

Delta R.T. 0.012 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

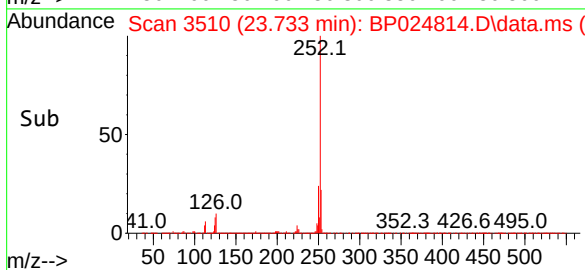
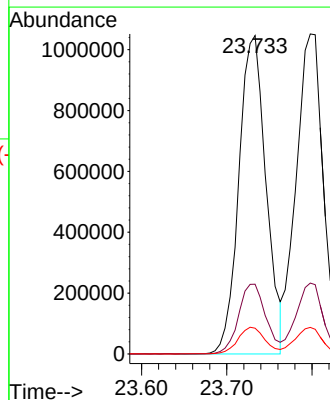
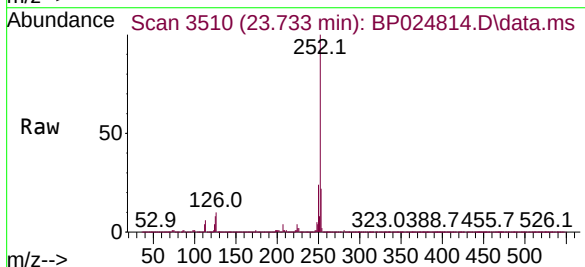
Tgt Ion:252 Resp: 2315387

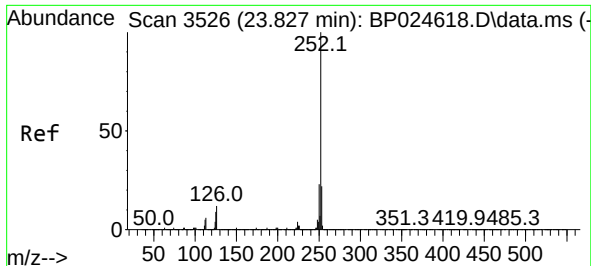
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.1 7.5 11.3

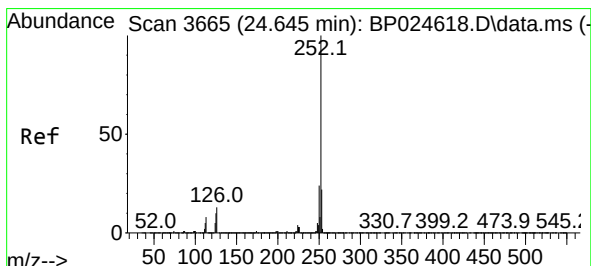
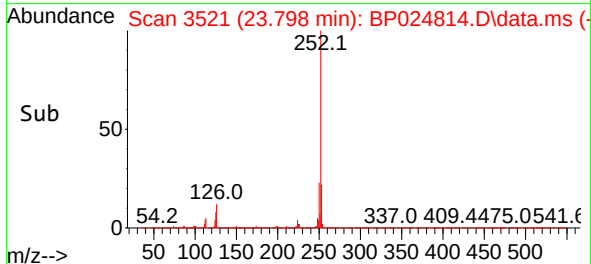
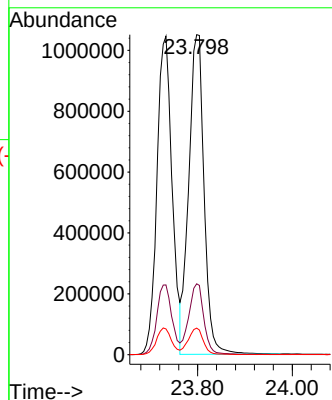
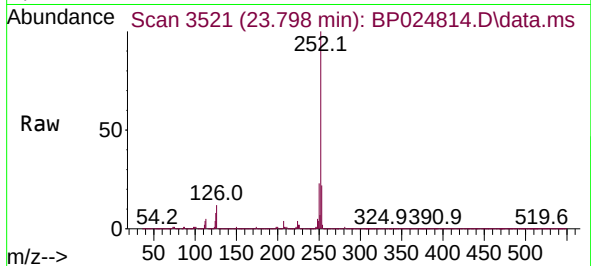




#89
Benzo(k)fluoranthene
Concen: 46.615 ng
RT: 23.798 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

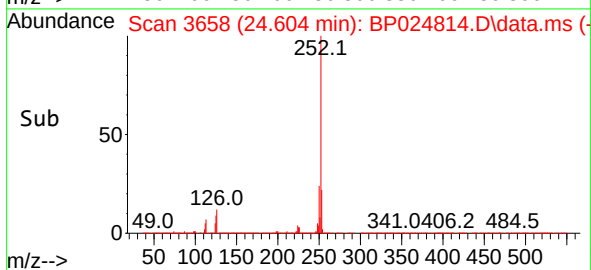
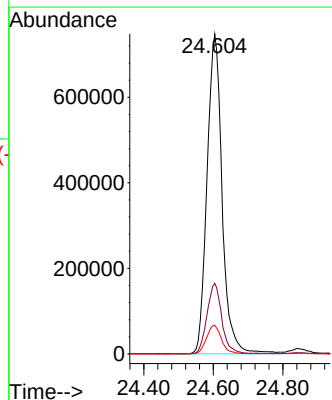
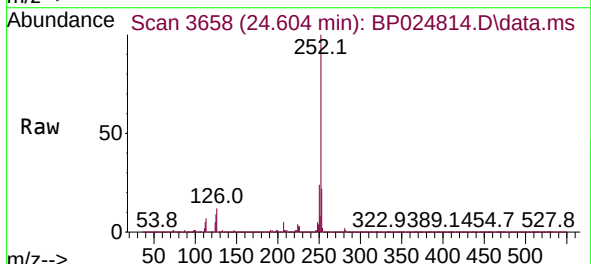
Instrument :
BNA_P
ClientSampleId :
PB168177BS

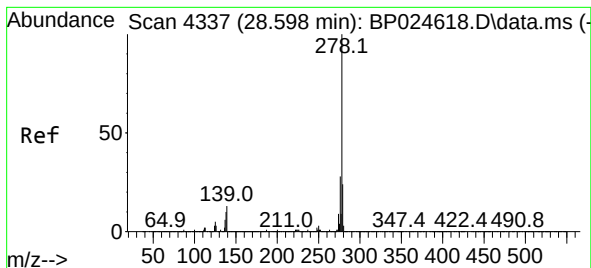
Tgt Ion:252 Resp: 2366559
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 47.501 ng
RT: 24.604 min Scan# 3658
Delta R.T. 0.006 min
Lab File: BP024814.D
Acq: 28 May 2025 14:04

Tgt Ion:252 Resp: 2247698
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.9 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.789 ng

RT: 28.527 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Instrument :

BNA_P

ClientSampleId :

PB168177BS

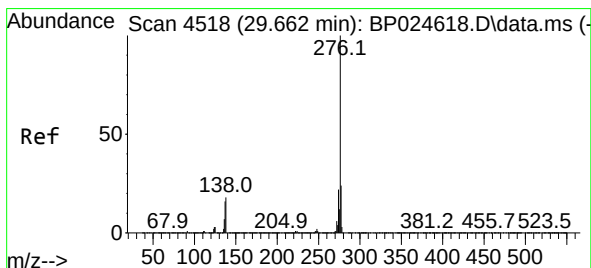
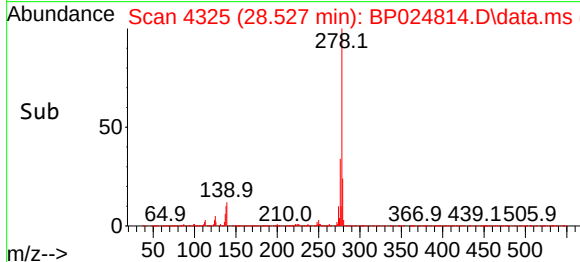
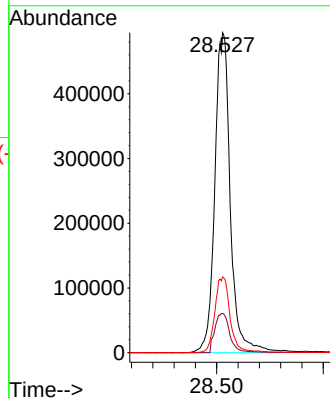
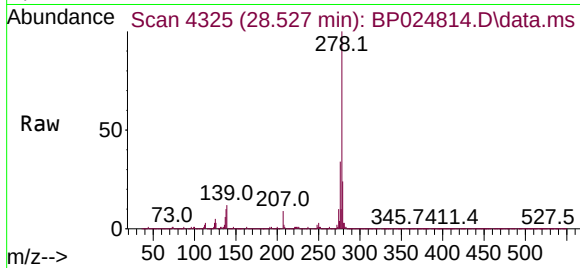
Tgt Ion:278 Resp: 2494265

Ion Ratio Lower Upper

278 100

139 12.3 10.2 15.4

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.414 ng

RT: 29.603 min Scan# 4508

Delta R.T. 0.012 min

Lab File: BP024814.D

Acq: 28 May 2025 14:04

Tgt Ion:276 Resp: 2410523

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 16.6 14.4 21.6

