

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024653.D
 Acq On : 16 May 2025 12:11
 Operator : RC/JU
 Sample : PB168019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BS

Quant Time: May 16 12:35:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	142784	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	572826	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	359699	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	714652	20.000	ng	0.00
76) Chrysene-d12	21.515	240	785056	20.000	ng	0.00
86) Perylene-d12	24.792	264	884774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	781438	93.606	ng	0.00
7) Phenol-d6	6.857	99	970882	91.124	ng	0.00
23) Nitrobenzene-d5	8.810	82	895132	78.956	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	551222	90.395	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2192521	79.858	ng	0.00
79) Terphenyl-d14	19.810	244	3864813	84.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	131704	33.598	ng	99
3) Pyridine	3.616	79	330038	37.970	ng	99
4) n-Nitrosodimethylamine	3.528	42	162429	42.328	ng	99
6) Aniline	6.998	93	461230	33.530	ng	99
8) 2-Chlorophenol	7.234	128	453564	47.860	ng	99
9) Benzaldehyde	6.816	77	266322	38.614	ng	100
10) Phenol	6.881	94	524241	47.672	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	382585	42.340	ng	100
12) 1,3-Dichlorobenzene	7.551	146	474624	43.531	ng	98
13) 1,4-Dichlorobenzene	7.692	146	481098	43.871	ng	100
14) 1,2-Dichlorobenzene	8.010	146	465651	43.577	ng	99
15) Benzyl Alcohol	7.904	79	374063	46.200	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	442222	40.865	ng	98
17) 2-Methylphenol	8.110	107	364235	46.180	ng	97
18) Hexachloroethane	8.722	117	179525	42.721	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	296171	40.185	ng	98
20) 3+4-Methylphenols	8.440	107	491130	45.777	ng	98
22) Acetophenone	8.475	105	633351	44.263	ng	99
24) Nitrobenzene	8.851	77	445795	44.683	ng	97
25) Isophorone	9.375	82	841347	42.782	ng	99
26) 2-Nitrophenol	9.557	139	240929	49.282	ng	98
27) 2,4-Dimethylphenol	9.622	122	412561	47.864	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	502616	42.779	ng	100
29) 2,4-Dichlorophenol	10.092	162	409473	49.023	ng	98
30) 1,2,4-Trichlorobenzene	10.292	180	425911	45.249	ng	97
31) Naphthalene	10.481	128	1330958	44.837	ng	100
32) Benzoic acid	9.792	122	282974	47.289	ng	98
33) 4-Chloroaniline	10.598	127	307218	25.648	ng	99
34) Hexachlorobutadiene	10.763	225	275861	45.241	ng	96
35) Caprolactam	11.392	113	144427	47.791	ng	96
36) 4-Chloro-3-methylphenol	11.739	107	475629	46.694	ng	99
37) 2-Methylnaphthalene	12.092	142	845082	43.967	ng	99
38) 1-Methylnaphthalene	12.316	142	883845	42.976	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	482910	46.233	ng	99
41) Hexachlorocyclopentadiene	12.445	237	691384	109.161	ng	95
43) 2,4,6-Trichlorophenol	12.716	196	339269	50.147	ng	98

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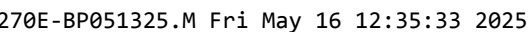
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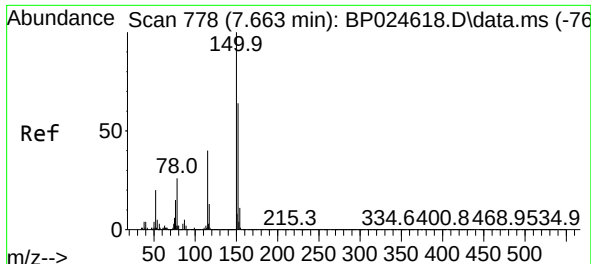
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	373095	49.542	ng	97
46) 1,1'-Biphenyl	13.116	154	1206858	45.395	ng	100
47) 2-Chloronaphthalene	13.157	162	933375	46.045	ng	99
48) 2-Nitroaniline	13.375	65	283458	47.232	ng	97
49) Acenaphthylene	14.010	152	1529557	45.089	ng	99
50) Dimethylphthalate	13.757	163	1214759	44.308	ng	100
51) 2,6-Dinitrotoluene	13.875	165	266111	45.959	ng	98
52) Acenaphthene	14.363	154	868796	44.550	ng	99
53) 3-Nitroaniline	14.210	138	190170	32.166	ng	99
54) 2,4-Dinitrophenol	14.427	184	365507	98.497	ng	93
55) Dibenzofuran	14.698	168	1397497	44.926	ng	97
56) 4-Nitrophenol	14.545	139	488701	94.659	ng	98
57) 2,4-Dinitrotoluene	14.674	165	399430	48.931	ng	96
58) Fluorene	15.357	166	1153640	45.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	341167	48.836	ng	97
60) Diethylphthalate	15.133	149	1255357	45.303	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	571834	45.207	ng	100
62) 4-Nitroaniline	15.386	138	288862	50.601	ng	97
63) Azobenzene	15.651	77	1059314	44.687	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	237354	51.418	ng	98
66) n-Nitrosodiphenylamine	15.580	169	1030181	46.930	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	393688	46.750	ng	98
68) Hexachlorobenzene	16.380	284	492954	46.068	ng	99
69) Atrazine	16.551	200	397081	49.360	ng	98
70) Pentachlorophenol	16.739	266	670265	111.586	ng	99
71) Phenanthrene	17.139	178	1818854	45.782	ng	100
72) Anthracene	17.227	178	1886701	47.201	ng	100
73) Carbazole	17.515	167	1762855	48.727	ng	99
74) Di-n-butylphthalate	18.092	149	2208856	47.474	ng	99
75) Fluoranthene	19.215	202	2194423	47.253	ng	99
77) Benzidine	19.421	184	1096829	51.297	ng	100
78) Pyrene	19.592	202	2289779	48.679	ng	100
80) Butylbenzylphthalate	20.539	149	1053418	50.354	ng	97
81) Benzo(a)anthracene	21.498	228	2317599	47.015	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	631631	34.498	ng	99
83) Chrysene	21.568	228	2201129	47.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1486705	48.350	ng	100
85) Di-n-octyl phthalate	22.680	149	2535302	50.421	ng	99
87) Indeno(1,2,3-cd)pyrene	28.497	276	3193126	49.434	ng	# 92
88) Benzo(b)fluoranthene	23.762	252	2448017	48.339	ng	99
89) Benzo(k)fluoranthene	23.827	252	2410456	46.191	ng	99
90) Benzo(a)pyrene	24.639	252	2334492	47.997	ng	99
91) Dibenzo(a,h)anthracene	28.580	278	2615854	49.779	ng	99
92) Benzo(g,h,i)perylene	29.668	276	2602903	49.809	ng	99

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

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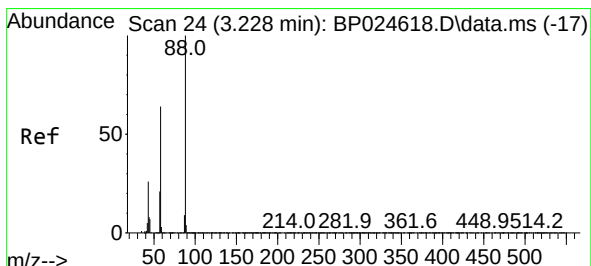
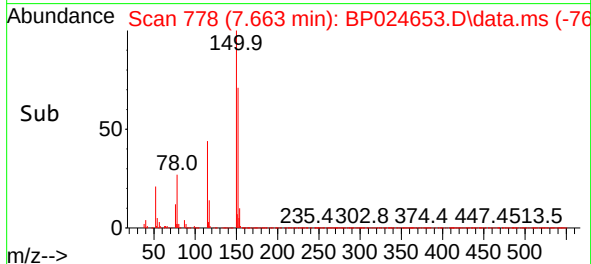
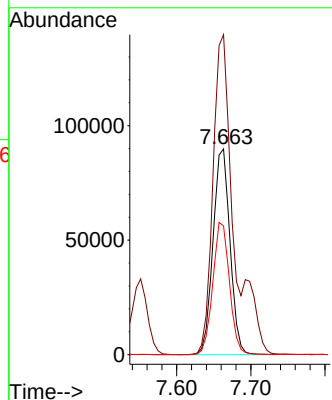
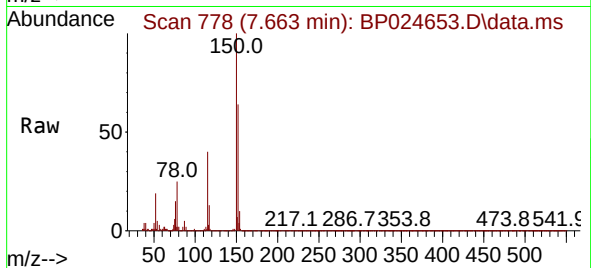




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.663 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

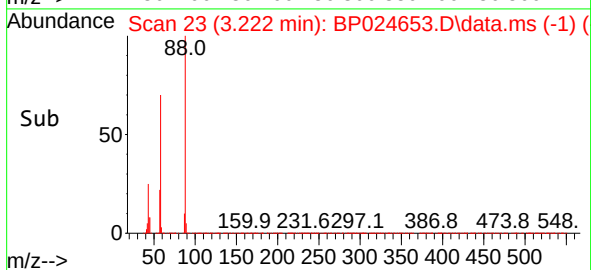
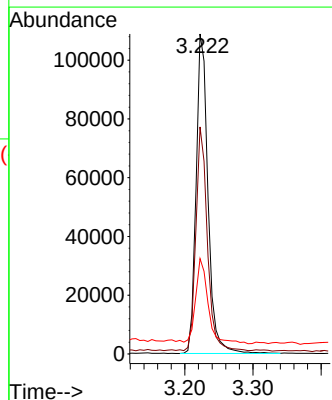
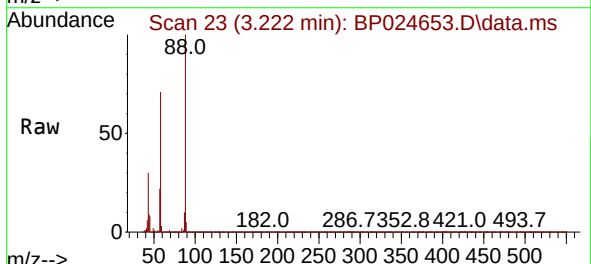
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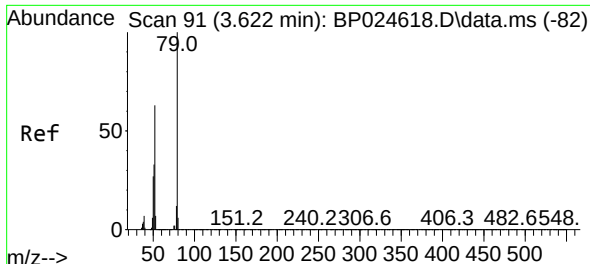
Tgt Ion:152 Resp: 142784
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.9 188.9
 115 62.5 50.1 75.1



#2
 1,4-Dioxane
 Concen: 33.598 ng
 RT: 3.222 min Scan# 23
 Delta R.T. -0.006 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

Tgt Ion: 88 Resp: 131704
 Ion Ratio Lower Upper
 88 100
 58 66.9 54.0 81.0
 43 27.9 21.4 32.0

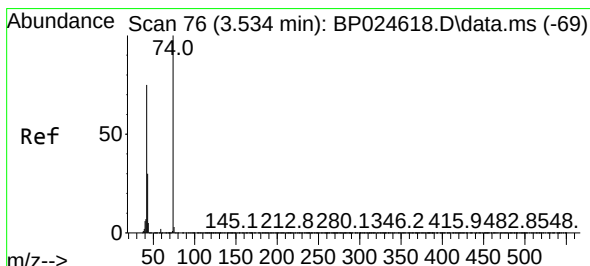
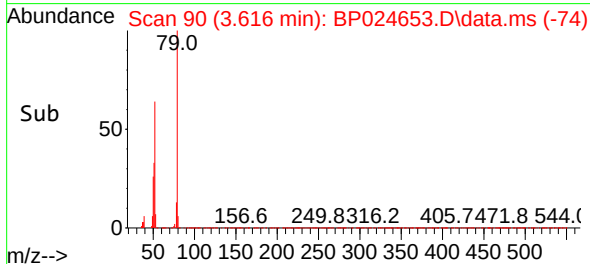
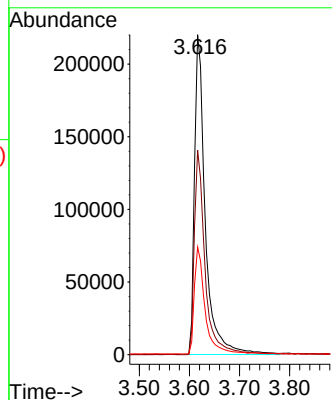
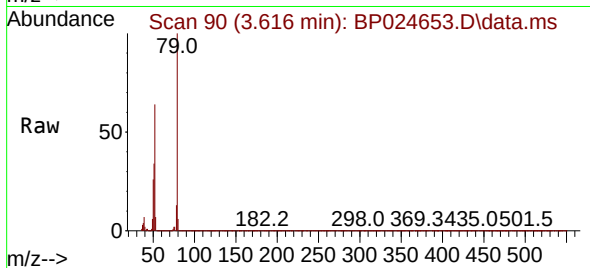




#3
Pyridine
Concen: 37.970 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

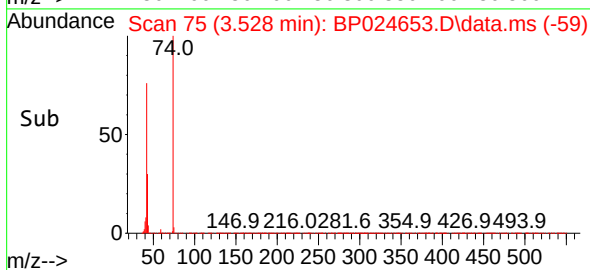
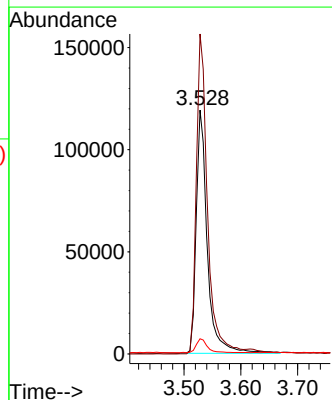
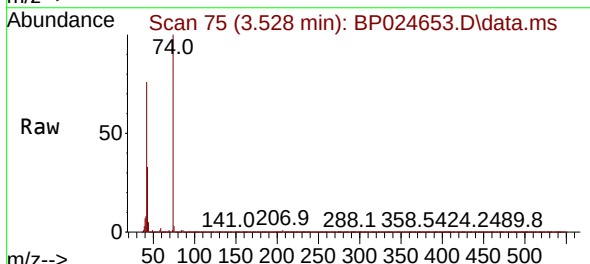
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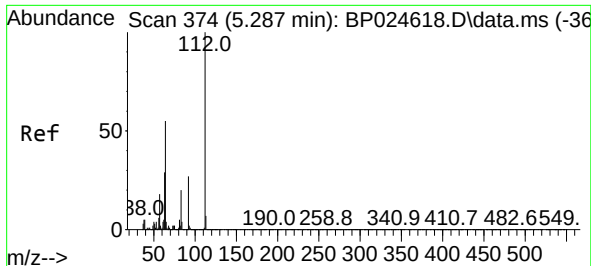
Tgt Ion: 79 Resp: 330038
Ion Ratio Lower Upper
79 100
52 63.9 50.2 75.2
51 33.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 42.328 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 42 Resp: 162429
Ion Ratio Lower Upper
42 100
74 131.2 106.2 159.2
44 6.2 5.4 8.2

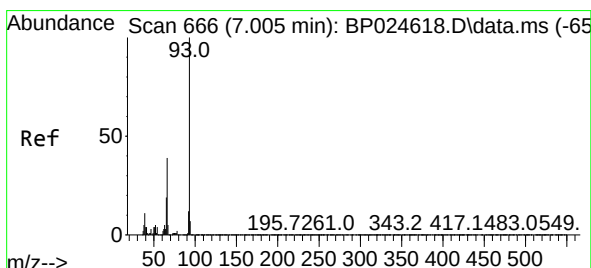
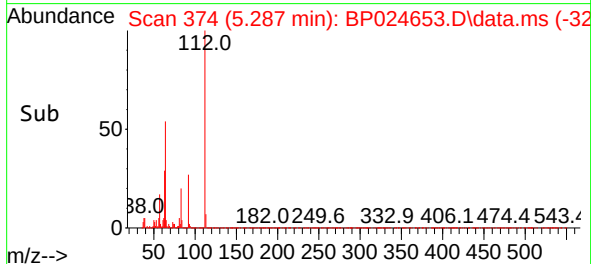
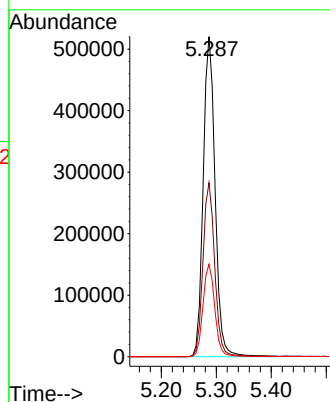
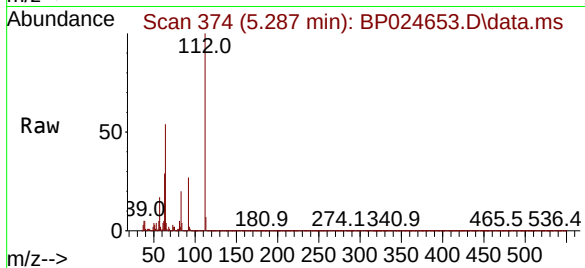




#5
2-Fluorophenol
Concen: 93.606 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

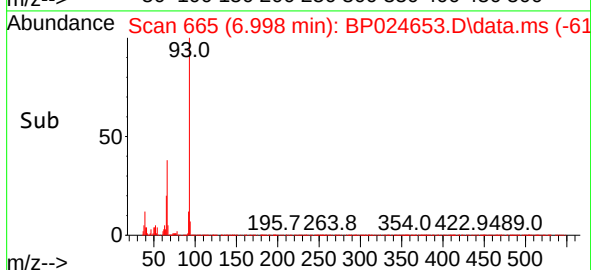
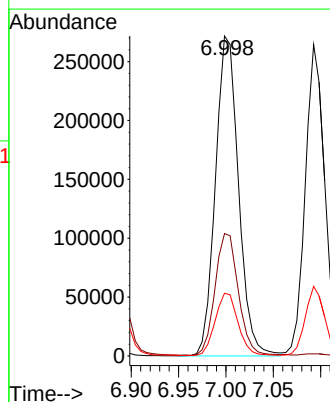
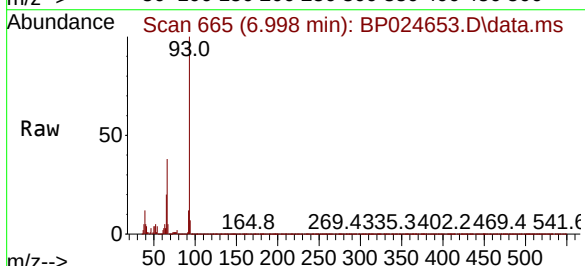
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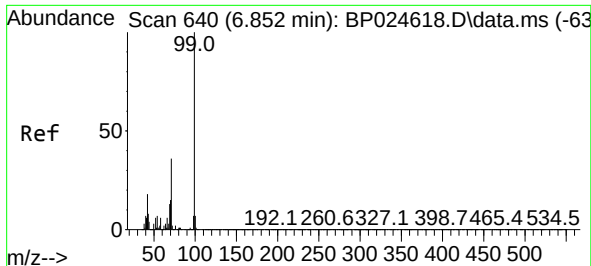
Tgt Ion:112 Resp: 781438
Ion Ratio Lower Upper
112 100
64 54.3 44.1 66.1
63 28.9 23.5 35.3



#6
Aniline
Concen: 33.530 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 93 Resp: 461230
Ion Ratio Lower Upper
93 100
66 38.3 31.0 46.6
65 19.6 15.5 23.3





#7

Phenol-d6

Concen: 91.124 ng

RT: 6.857 min Scan# 641

Delta R.T. 0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

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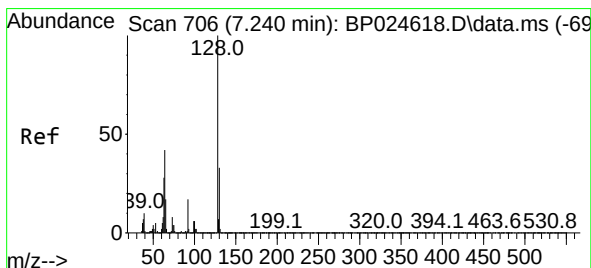
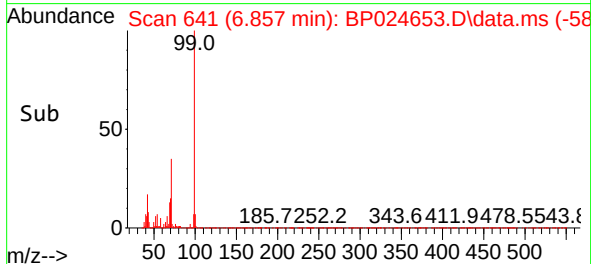
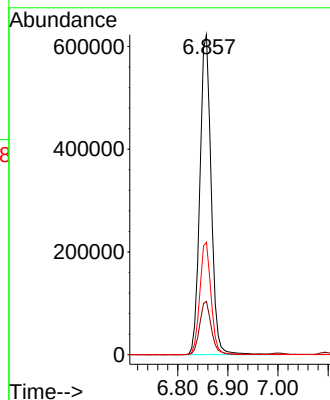
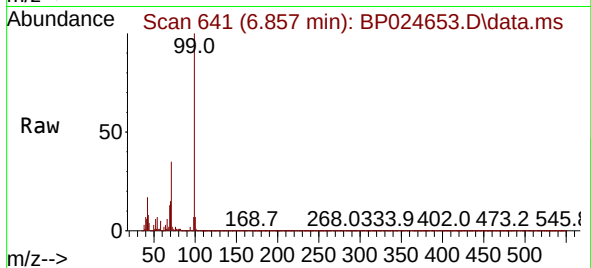
Tgt Ion: 99 Resp: 970882

Ion Ratio Lower Upper

99 100

42 16.7 14.4 21.6

71 35.1 29.2 43.8



#8

2-Chlorophenol

Concen: 47.860 ng

RT: 7.234 min Scan# 705

Delta R.T. -0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

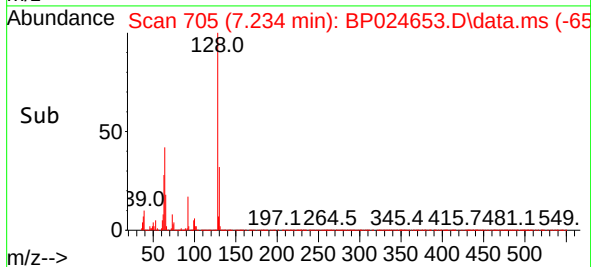
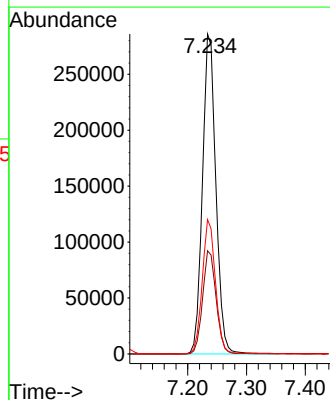
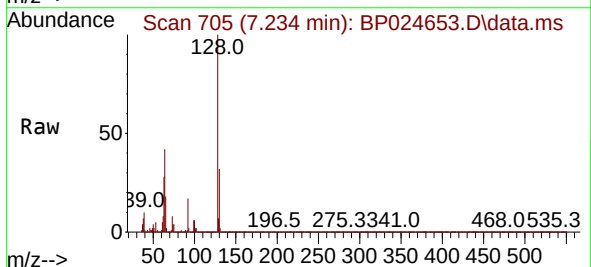
Tgt Ion: 128 Resp: 453564

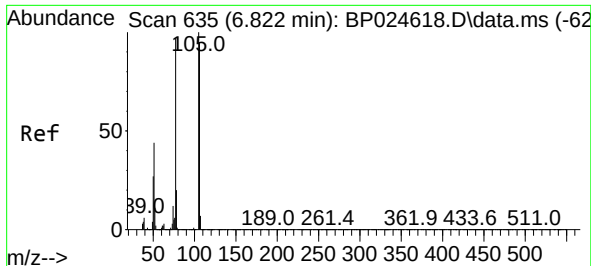
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 42.0 22.3 62.3

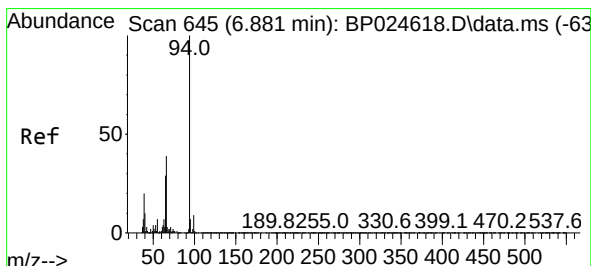
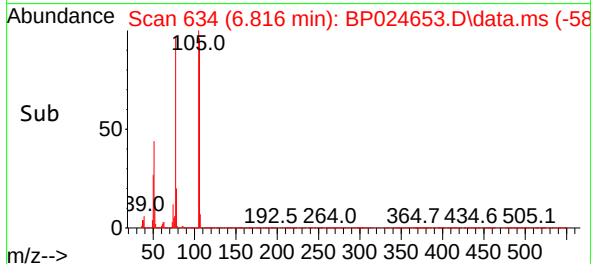
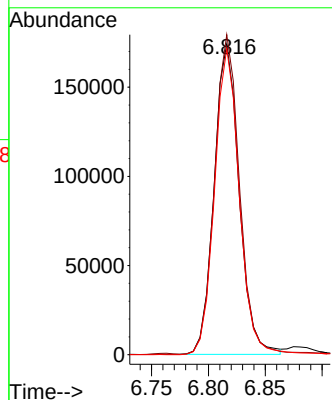
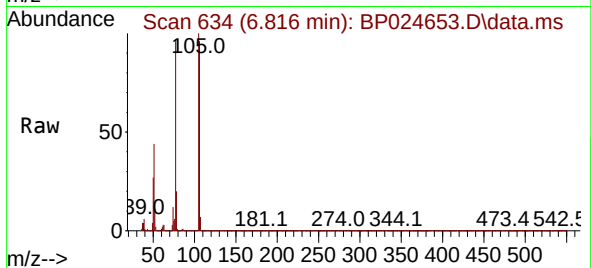




#9
Benzaldehyde
Concen: 38.614 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

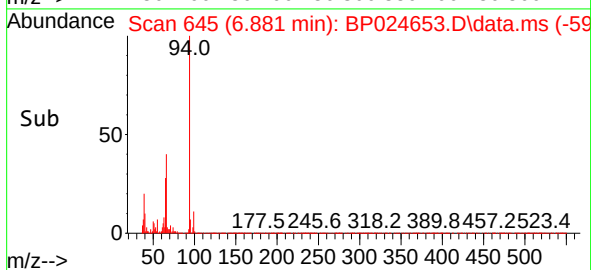
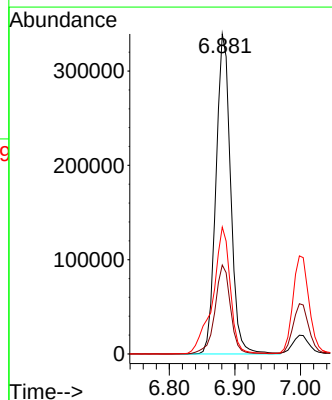
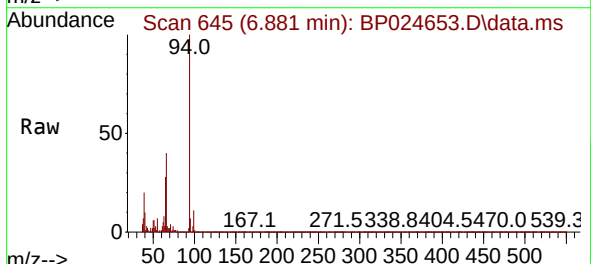
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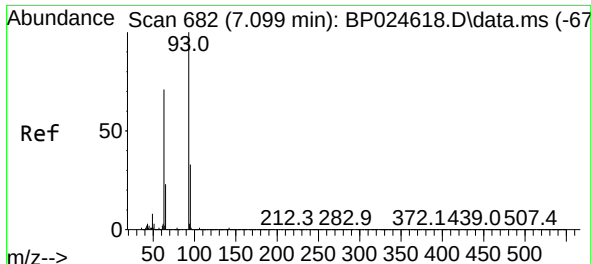
Tgt Ion: 77 Resp: 266322
Ion Ratio Lower Upper
77 100
105 102.9 83.3 123.3
106 98.5 78.0 118.0



#10
Phenol
Concen: 47.672 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 524241
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 39.6 19.4 59.4

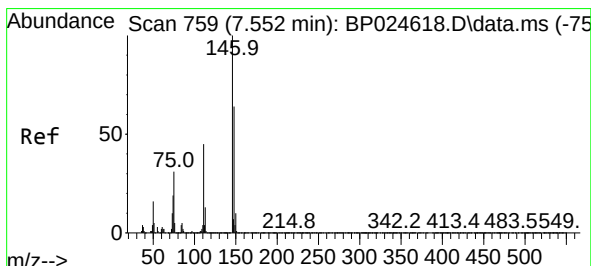
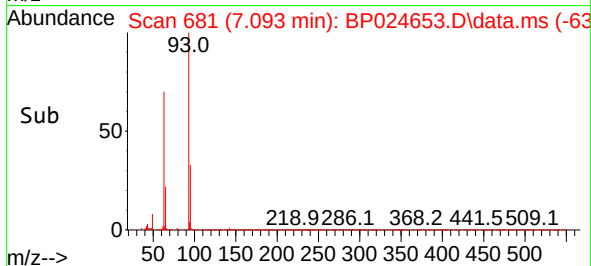
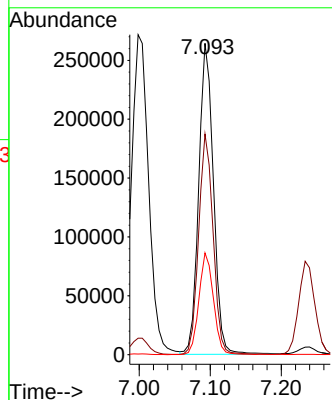
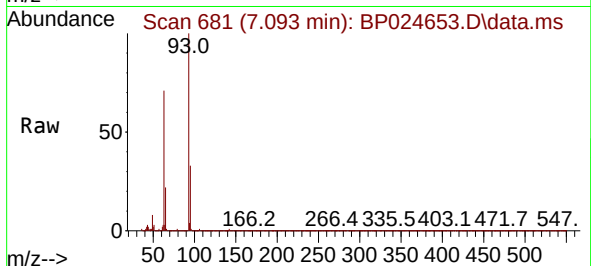




#11
bis(2-Chloroethyl)ether
Concen: 42.340 ng
RT: 7.093 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

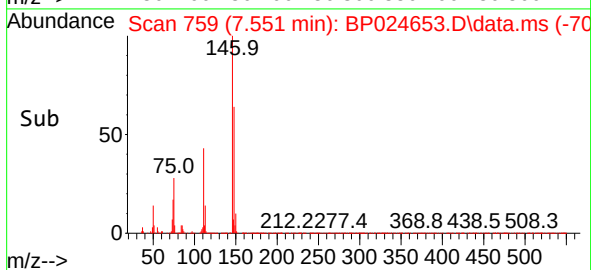
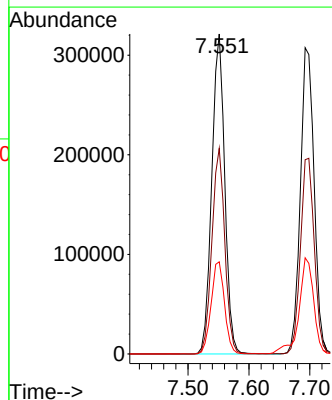
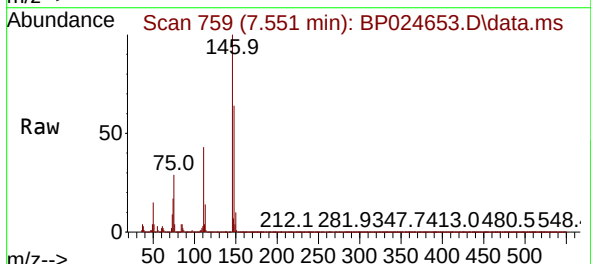
Instrument :
BNA_P
ClientSampleId :
PB168019BS

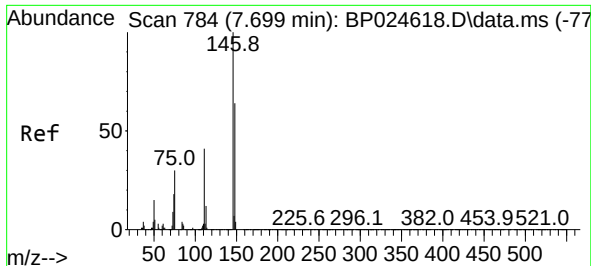
Tgt Ion: 93 Resp: 382585
Ion Ratio Lower Upper
93 100
63 70.9 50.6 90.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.531 ng
RT: 7.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:146 Resp: 474624
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 28.8 25.2 37.8

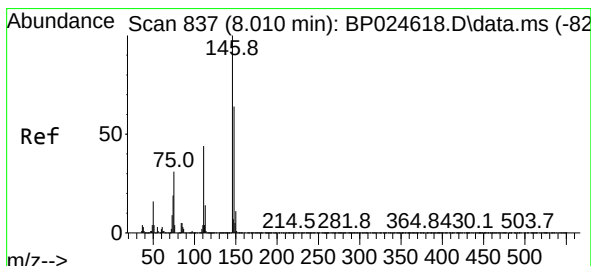
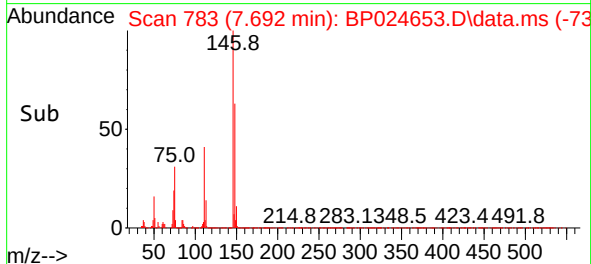
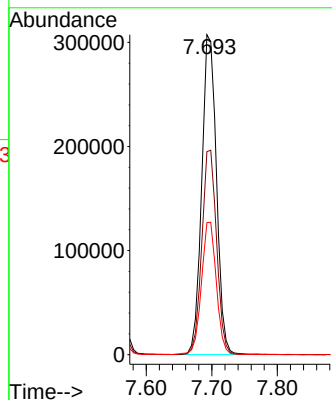
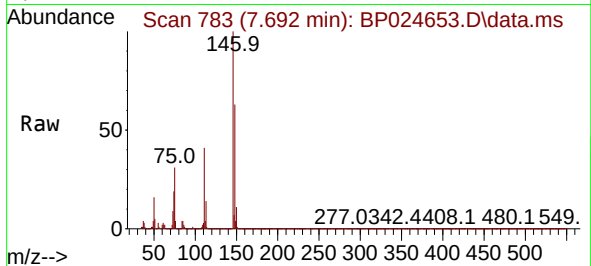




#13
1,4-Dichlorobenzene
Concen: 43.871 ng
RT: 7.692 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

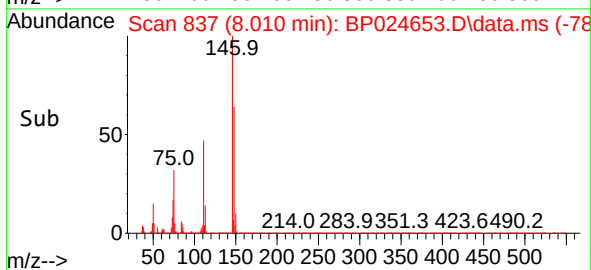
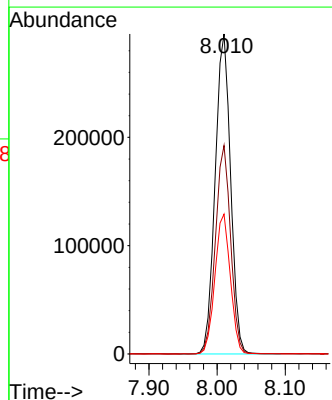
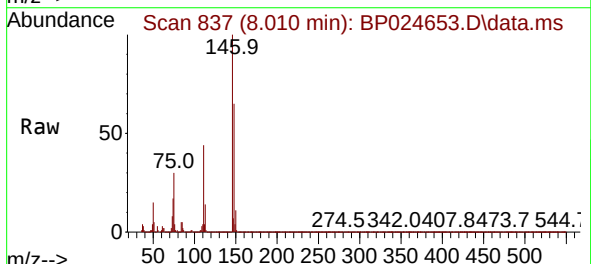
Instrument :
BNA_P
ClientSampleId :
PB168019BS

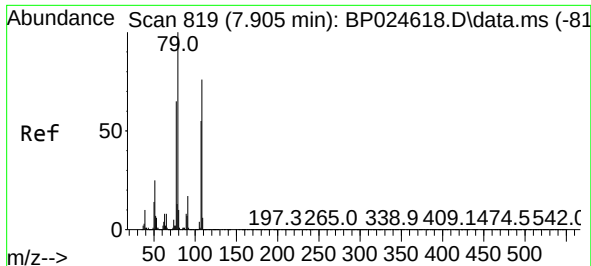
Tgt Ion:146 Resp: 481098
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 41.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.577 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:146 Resp: 465651
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 43.7 35.2 52.8

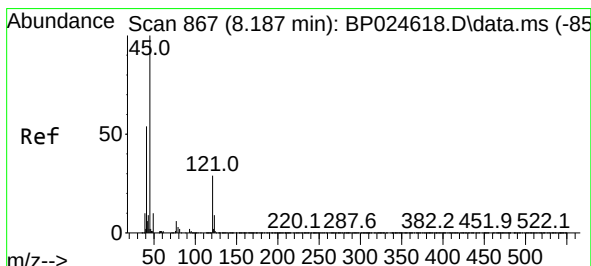
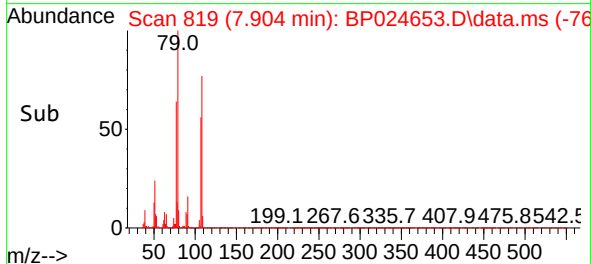
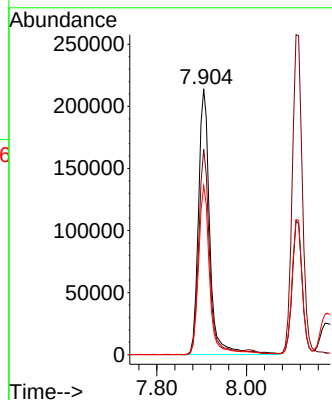
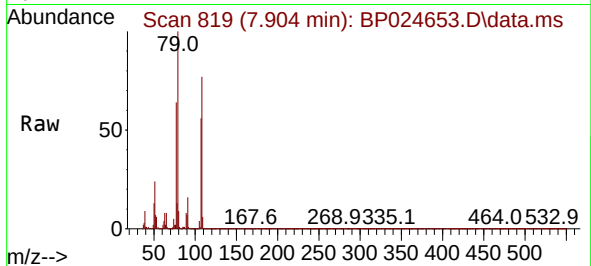




#15
Benzyl Alcohol
Concen: 46.200 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

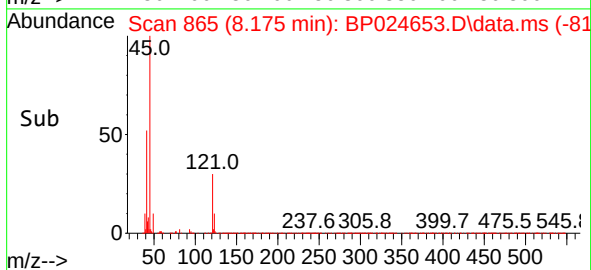
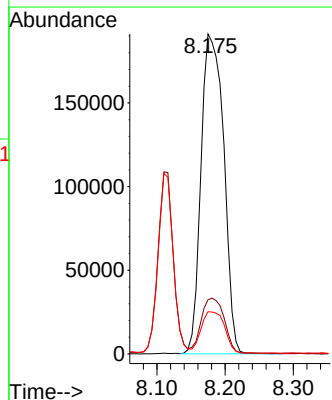
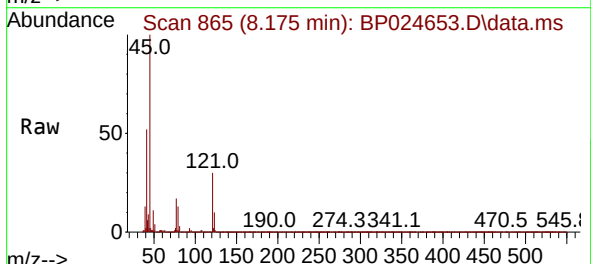
Instrument :
BNA_P
ClientSampleId :
PB168019BS

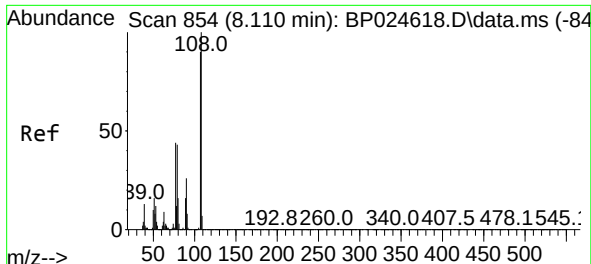
Tgt Ion: 79 Resp: 374063
Ion Ratio Lower Upper
79 100
108 77.2 60.8 91.2
77 63.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.865 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

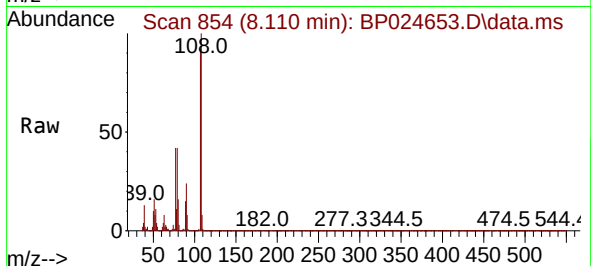
Tgt Ion: 45 Resp: 442222
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.7
79 13.2 0.0 34.0



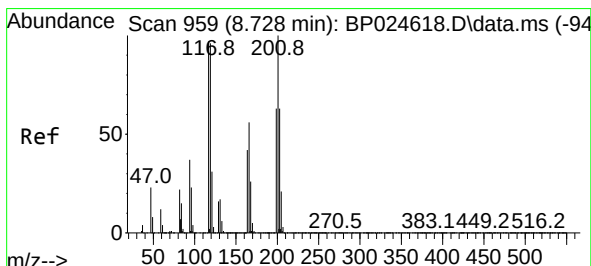
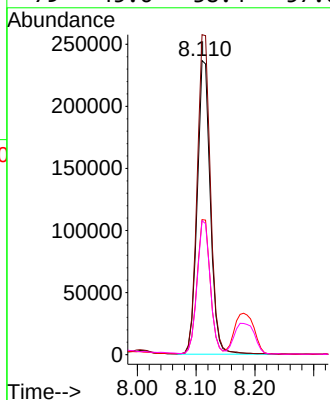
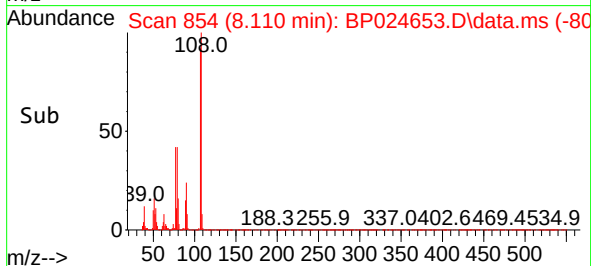


#17
2-Methylphenol
Concen: 46.180 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

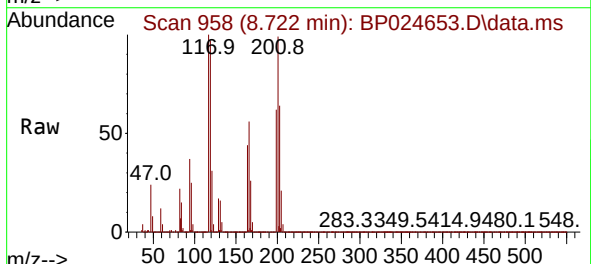
Instrument :
BNA_P
ClientSampleId :
PB168019BS



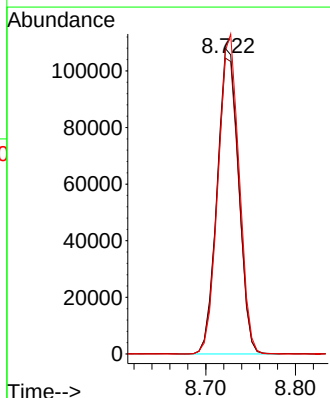
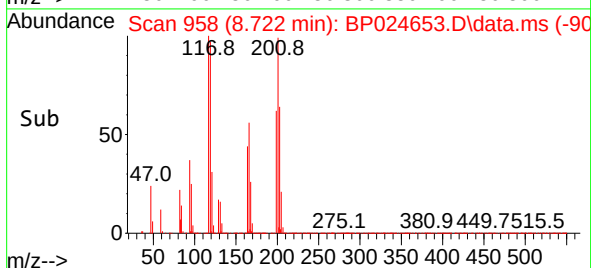
Tgt Ion:	107	Resp:	364235
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.9	133.3
77	45.9	39.0	58.6
79	45.6	38.4	57.6

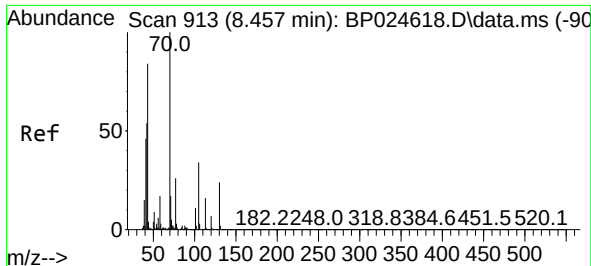


#18
Hexachloroethane
Concen: 42.721 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11



Tgt Ion:	117	Resp:	179525
Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.0
201	99.2	82.7	124.1



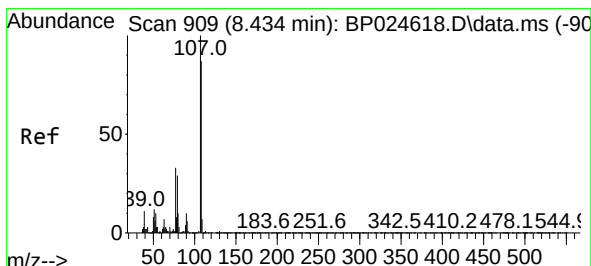
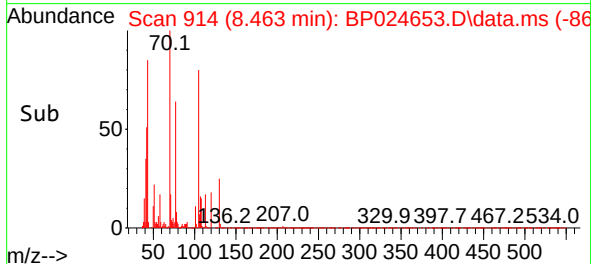
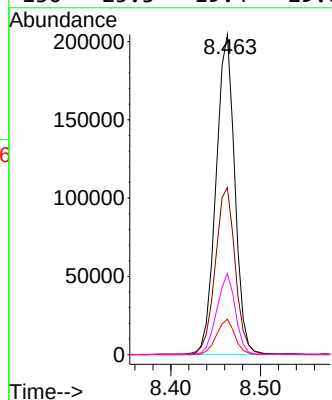
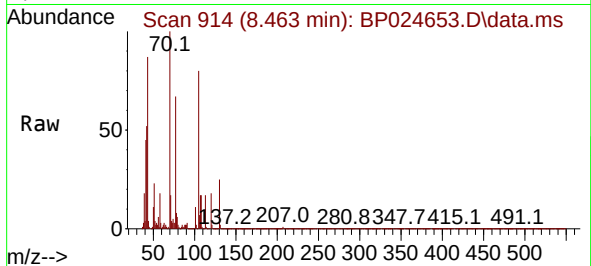


#19
n-Nitroso-di-n-propylamine
Concen: 40.185 ng
RT: 8.463 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Instrument :
BNA_P
ClientSampleId :
PB168019BS

Tgt Ion: 70 Resp: 296171

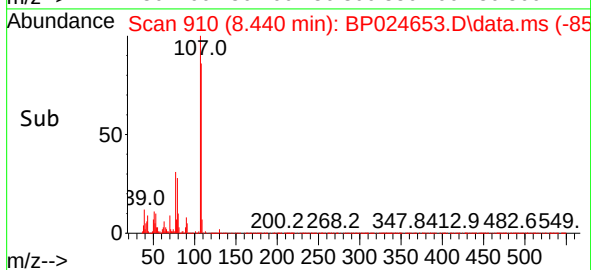
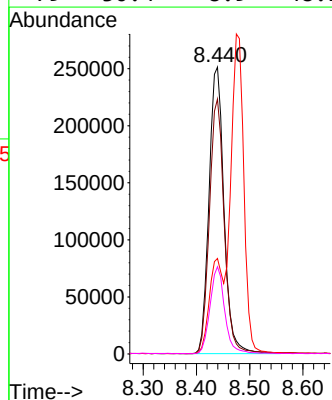
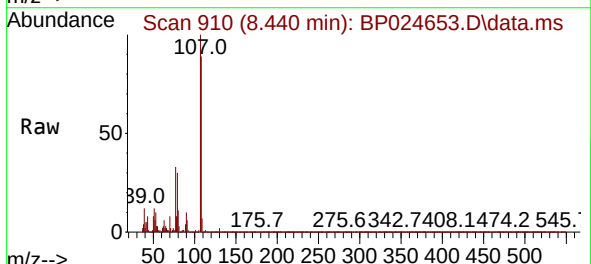
Ion	Ratio	Lower	Upper
70	100		
42	52.3	43.0	64.6
101	11.1	8.7	13.1
130	25.3	19.4	29.0

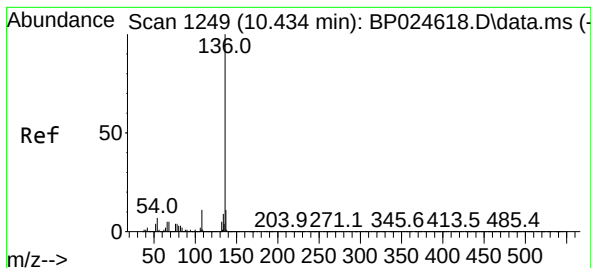


#20
3+4-Methylphenols
Concen: 45.777 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 107 Resp: 491130

Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.7	106.7
77	33.3	13.1	53.1
79	30.4	8.9	48.9

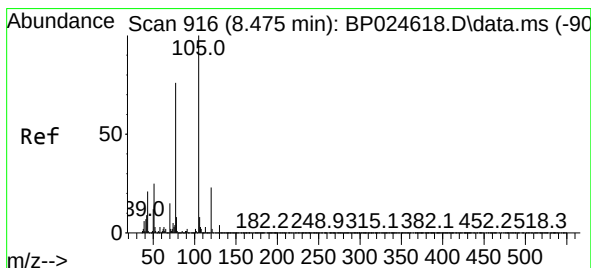
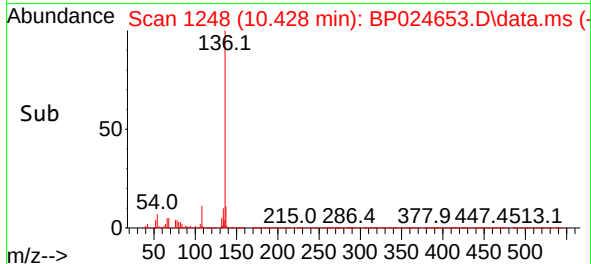
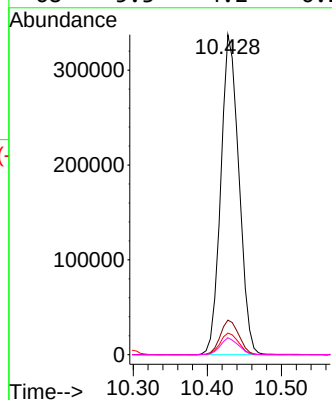
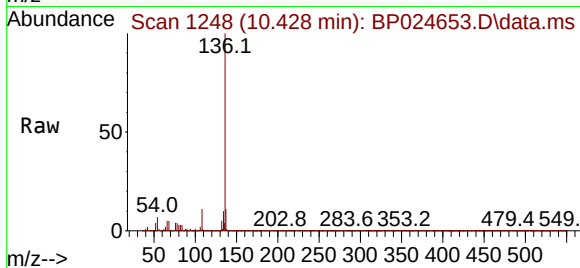




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

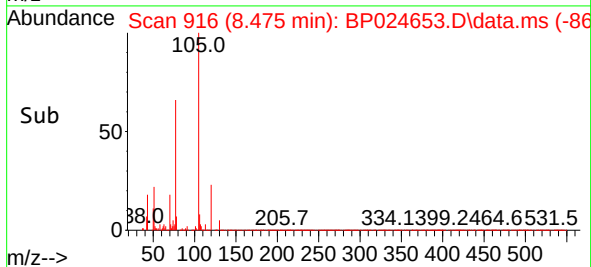
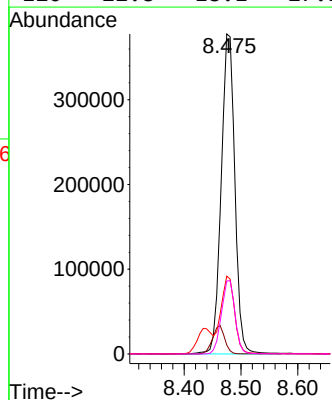
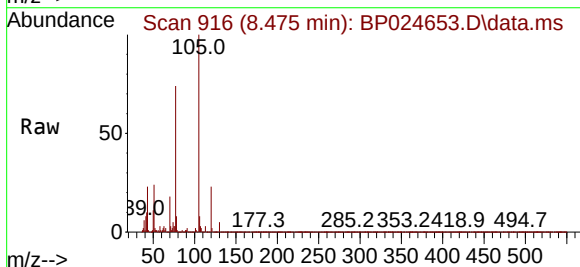
Instrument :
BNA_P
ClientSampleId :
PB168019BS

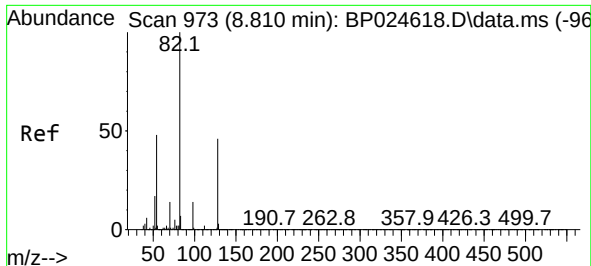
Tgt Ion:	136	Resp:	572826
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.5	8.3
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 44.263 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:	105	Resp:	633351
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	24.3	20.4	30.6
120	22.8	18.1	27.1

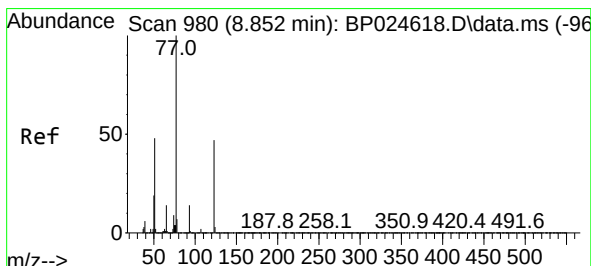
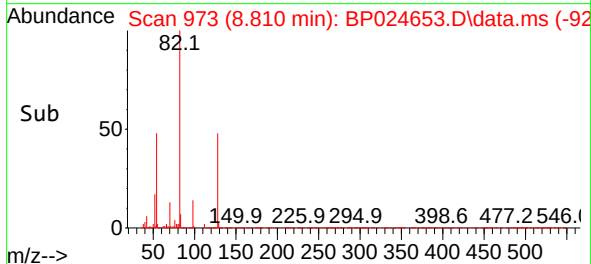
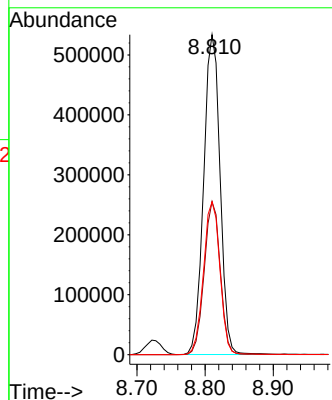
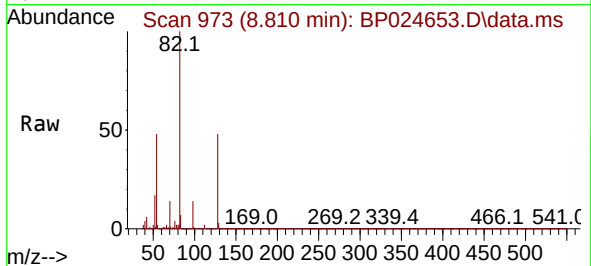




#23
Nitrobenzene-d5
Concen: 78.956 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

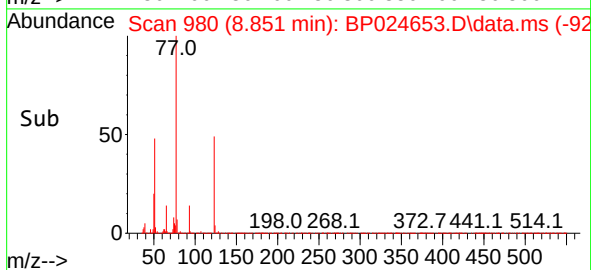
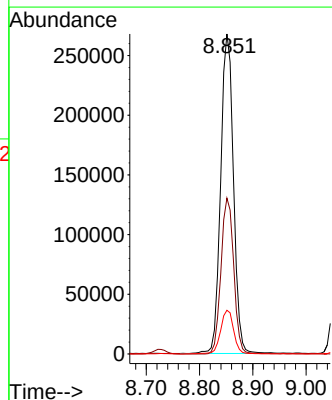
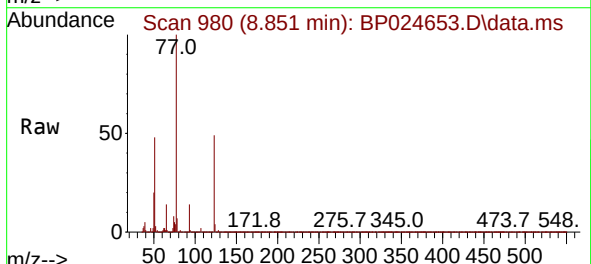
Instrument :
BNA_P
ClientSampleId :
PB168019BS

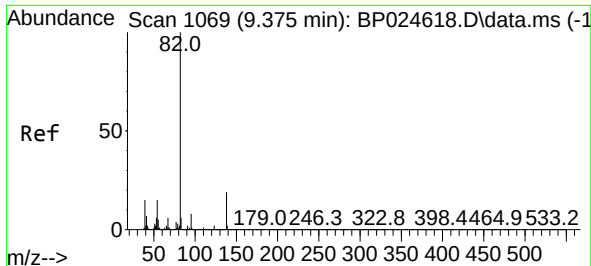
Tgt Ion: 82 Resp: 895132
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 47.8 38.7 58.1



#24
Nitrobenzene
Concen: 44.683 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 77 Resp: 445795
Ion Ratio Lower Upper
77 100
123 48.7 37.4 56.0
65 13.7 11.3 16.9

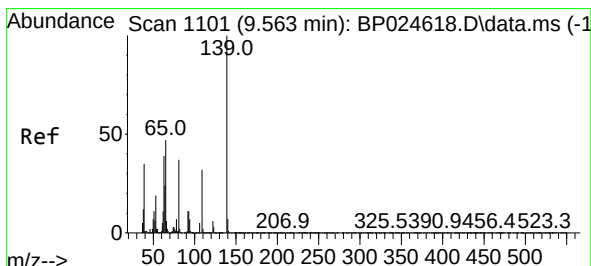
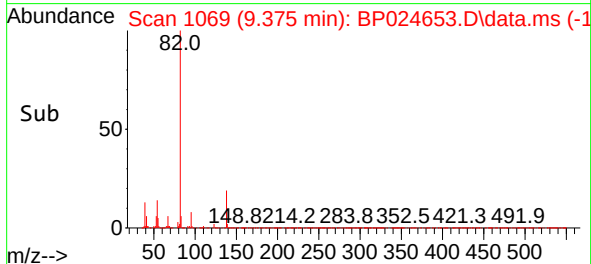
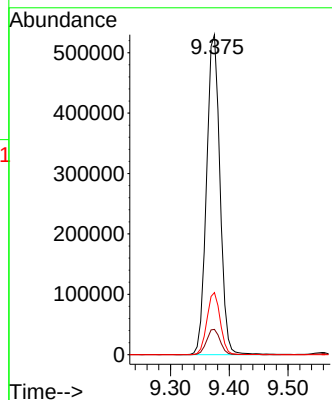
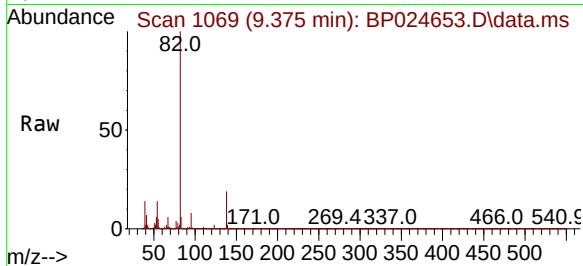




#25
Isophorone
Concen: 42.782 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

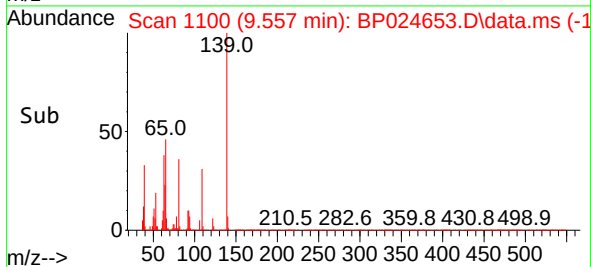
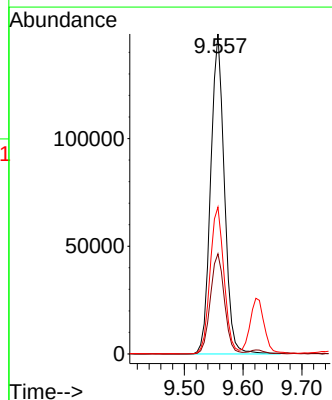
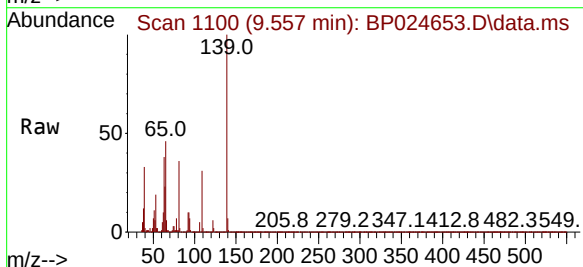
Instrument :
BNA_P
ClientSampleId :
PB168019BS

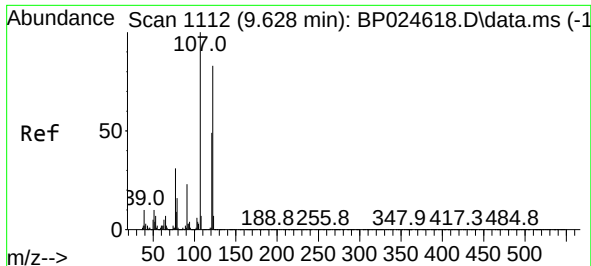
Tgt Ion: 82 Resp: 841347
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 49.282 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:139 Resp: 240929
Ion Ratio Lower Upper
139 100
109 31.3 25.9 38.9
65 45.9 37.9 56.9

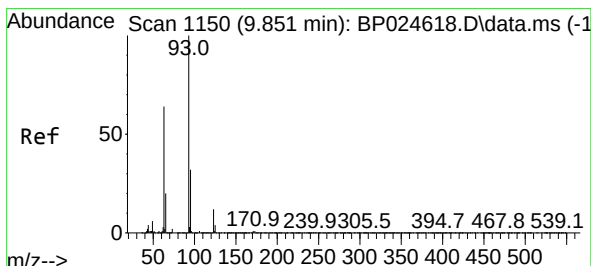
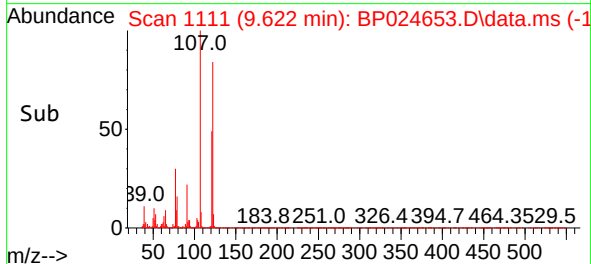
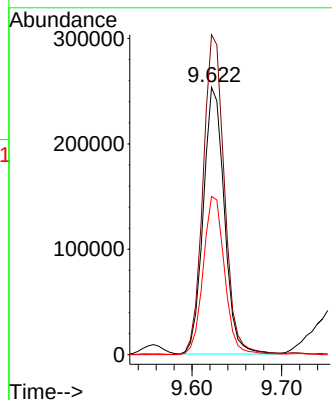
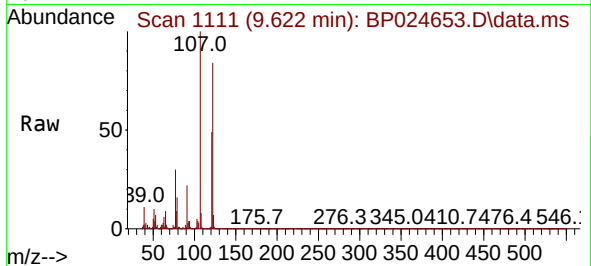




#27
2,4-Dimethylphenol
Concen: 47.864 ng
RT: 9.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

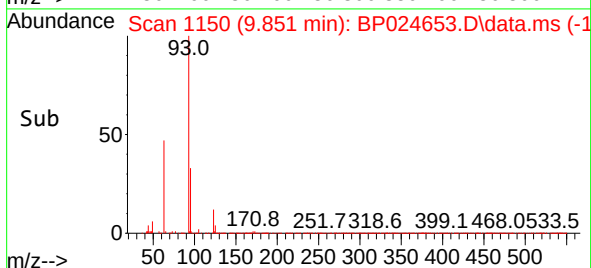
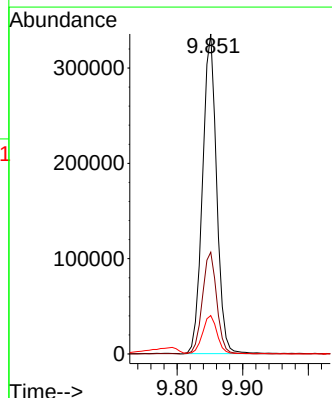
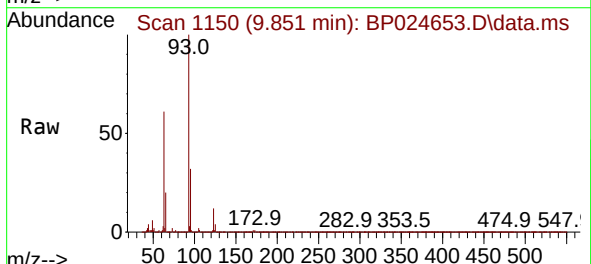
Instrument :
BNA_P
ClientSampleId :
PB168019BS

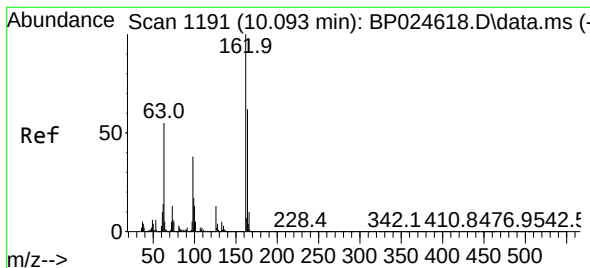
Tgt Ion:122 Resp: 412561
Ion Ratio Lower Upper
122 100
107 119.7 96.2 144.2
121 59.2 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.779 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 93 Resp: 502616
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 12.0 9.7 14.5

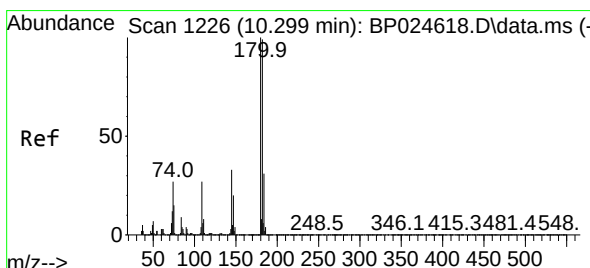
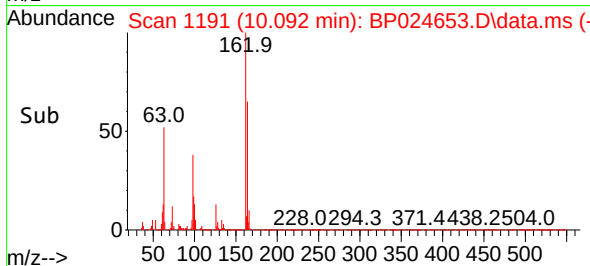
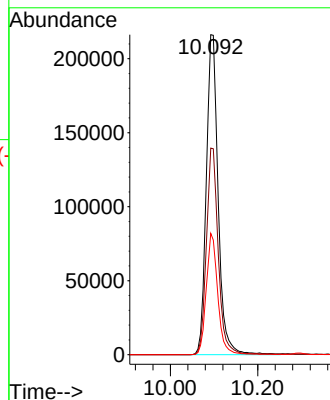
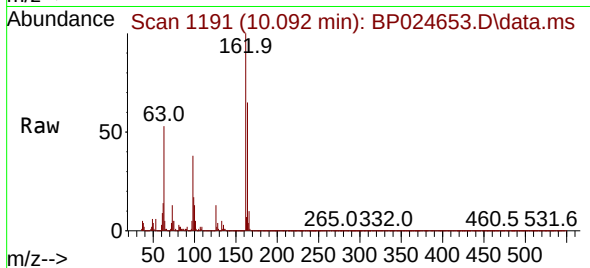




#29
2,4-Dichlorophenol
Concen: 49.023 ng
RT: 10.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

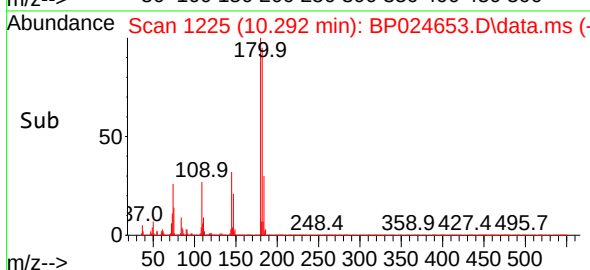
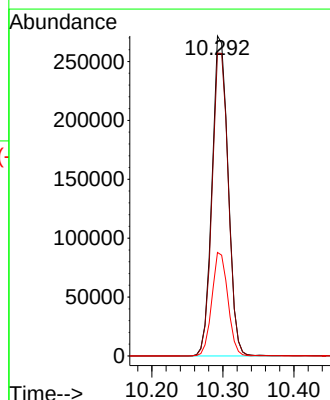
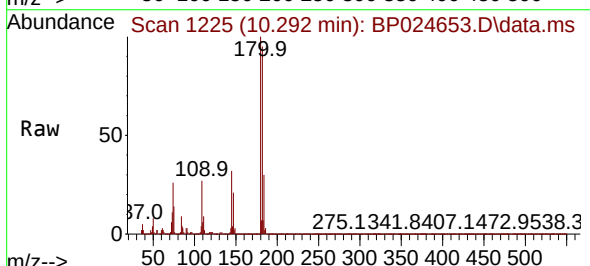
Instrument :
BNA_P
ClientSampleId :
PB168019BS

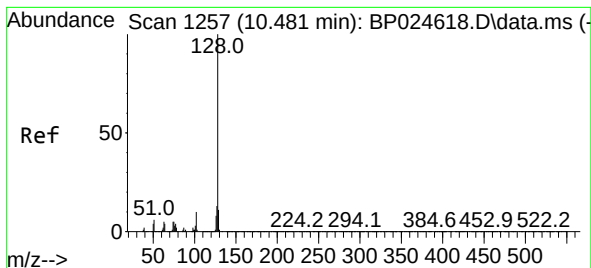
Tgt Ion:162 Resp: 409473
Ion Ratio Lower Upper
162 100
164 64.6 42.3 82.3
98 37.9 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 45.249 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:180 Resp: 425911
Ion Ratio Lower Upper
180 100
182 94.7 79.0 118.4
145 32.3 26.6 39.8

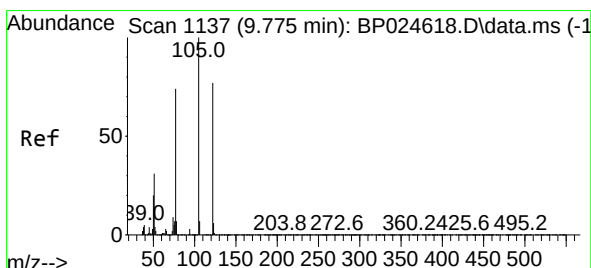
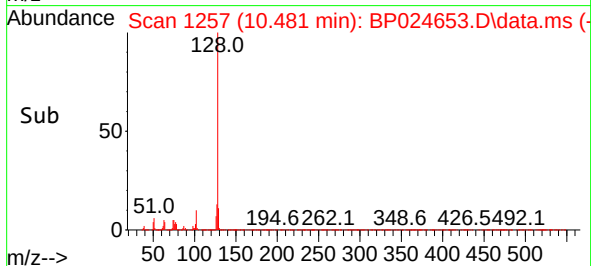
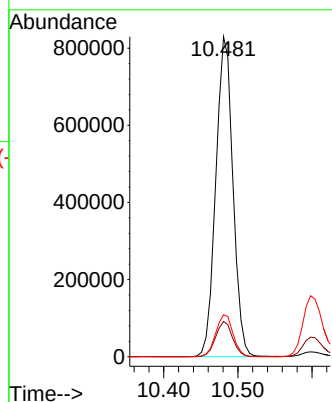
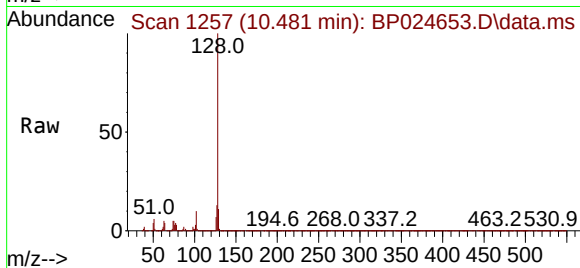




#31
Naphthalene
Concen: 44.837 ng
RT: 10.481 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

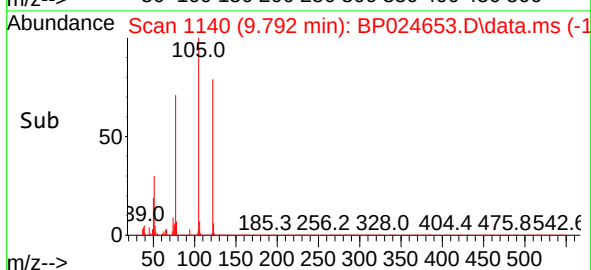
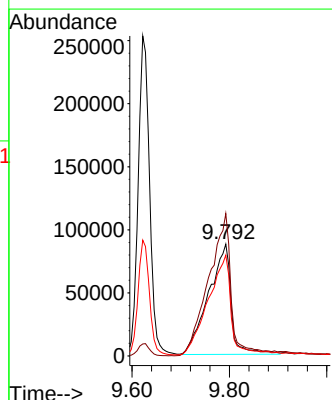
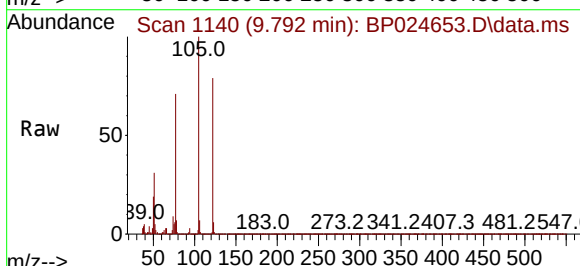
Instrument :
BNA_P
ClientSampleId :
PB168019BS

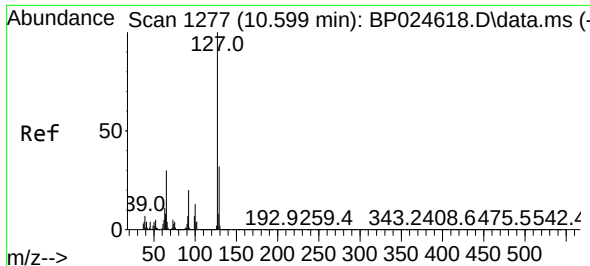
Tgt Ion:128 Resp: 1330958
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 47.289 ng
RT: 9.792 min Scan# 1140
Delta R.T. 0.017 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:122 Resp: 282974
Ion Ratio Lower Upper
122 100
105 127.3 106.9 146.9
77 90.2 75.1 115.1

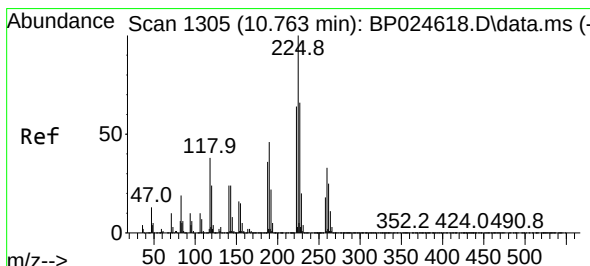
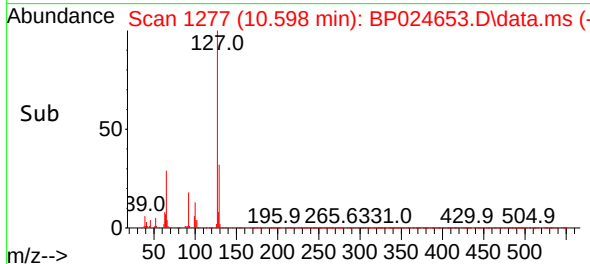
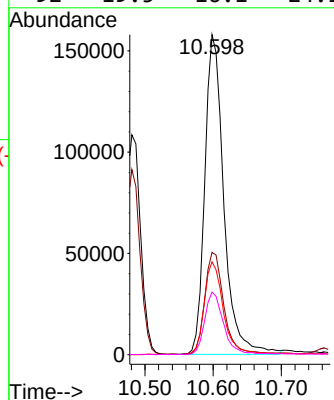
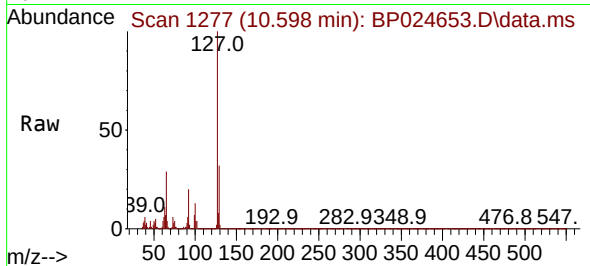




#33
4-Chloroaniline
Concen: 25.648 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

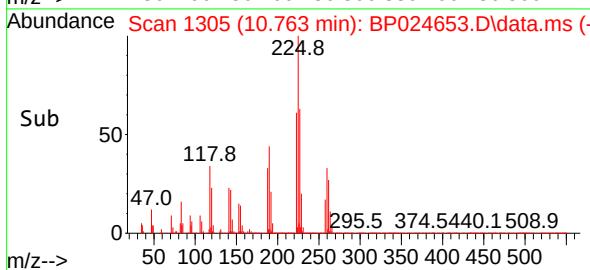
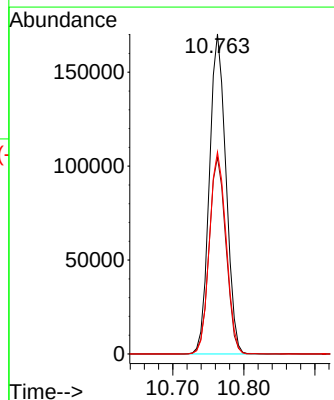
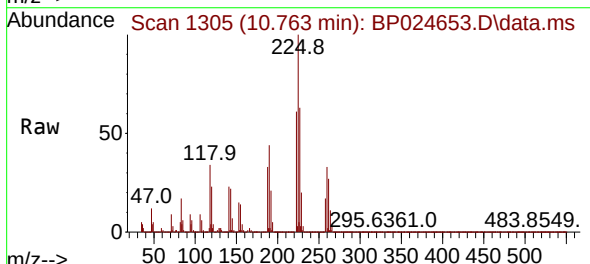
Instrument :
BNA_P
ClientSampleId :
PB168019BS

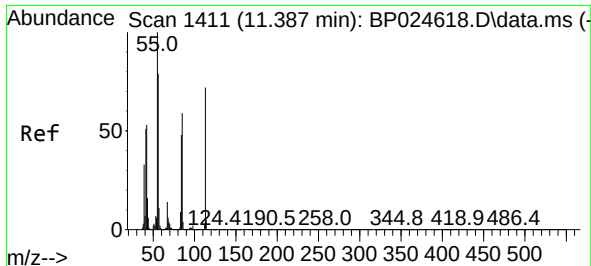
Tgt Ion:	127	Resp:	307218
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.0	23.9	35.9
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.241 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:	225	Resp:	275861
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	63.1	53.1	79.7

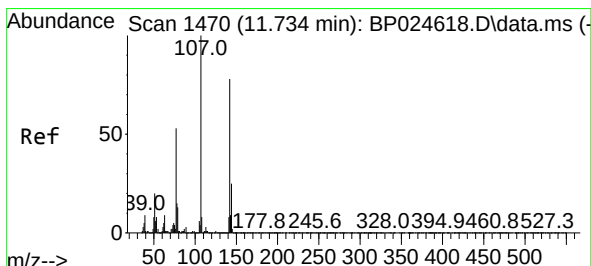
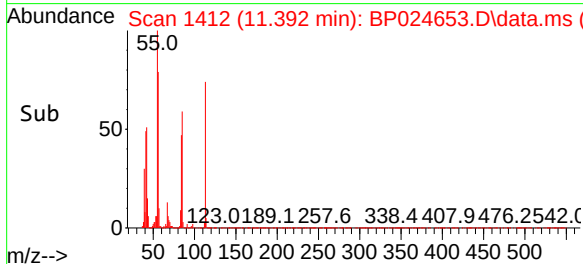
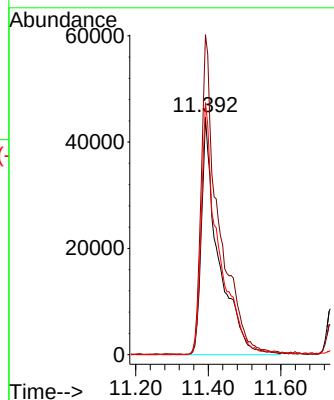
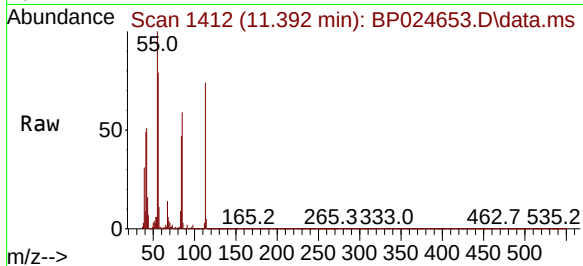




#35
Caprolactam
Concen: 47.791 ng
RT: 11.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

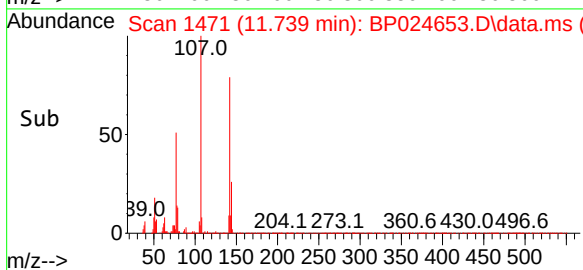
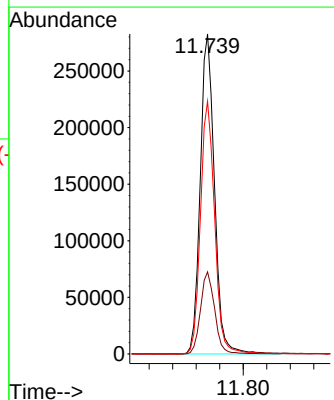
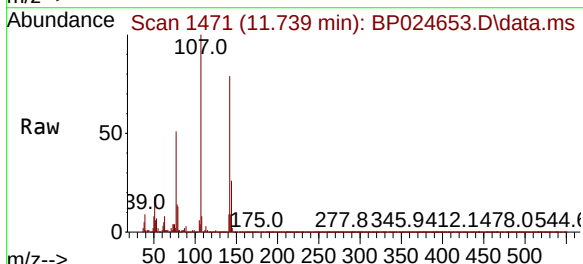
Instrument :
BNA_P
ClientSampleId :
PB168019BS

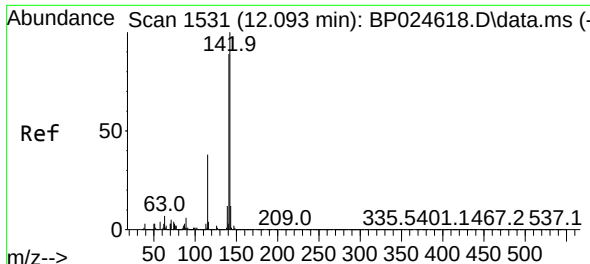
Tgt Ion:113 Resp: 144427
Ion Ratio Lower Upper
113 100
55 134.7 119.0 159.0
56 106.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 46.694 ng
RT: 11.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:107 Resp: 475629
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 78.9 62.1 93.1

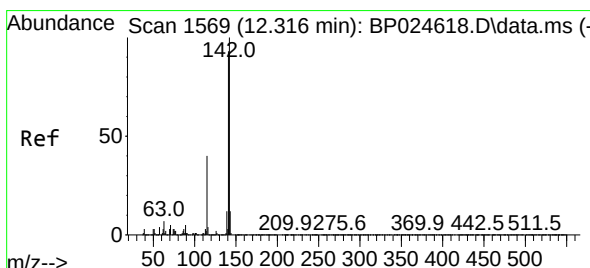
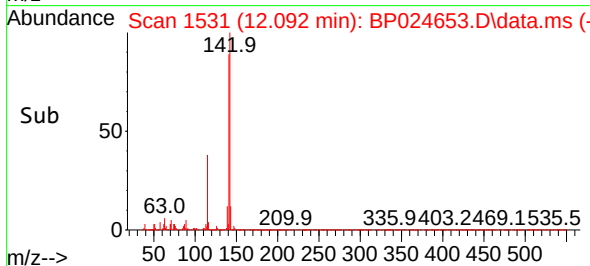
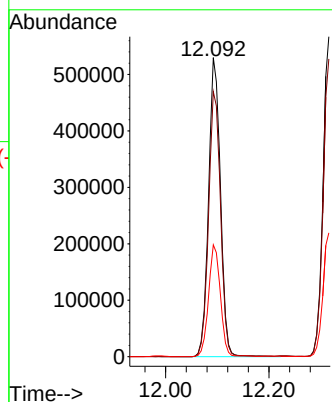
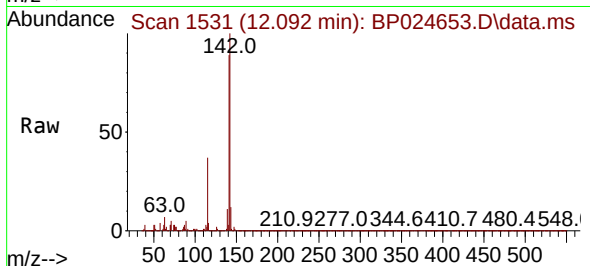




#37
2-Methylnaphthalene
Concen: 43.967 ng
RT: 12.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

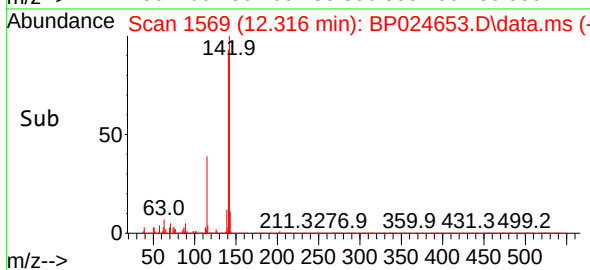
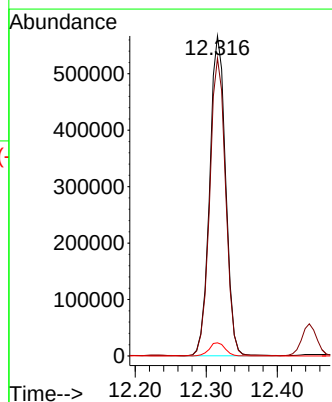
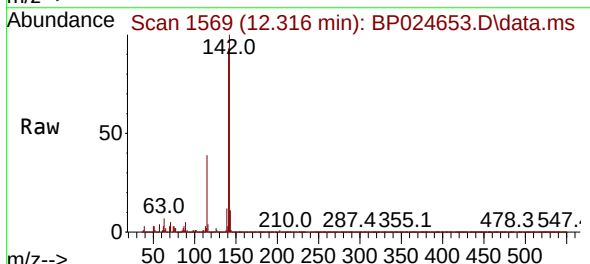
Instrument :
BNA_P
ClientSampleId :
PB168019BS

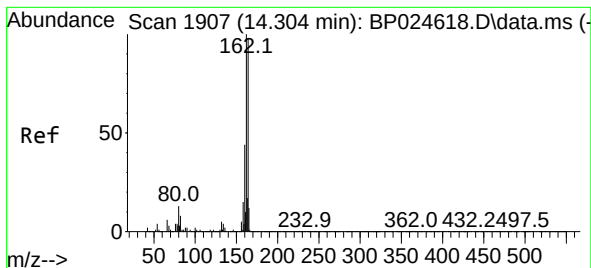
Tgt Ion:142 Resp: 845082
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 37.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.976 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:142 Resp: 883845
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

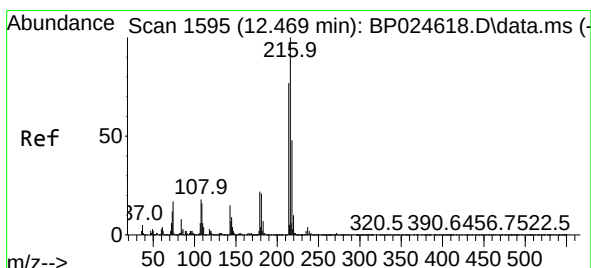
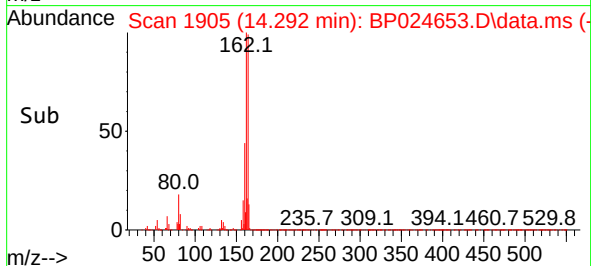
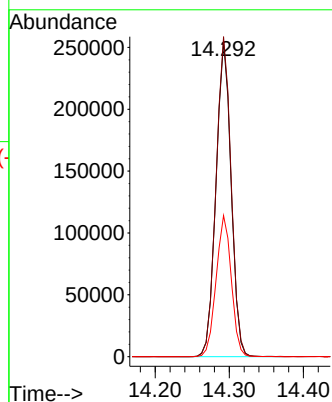
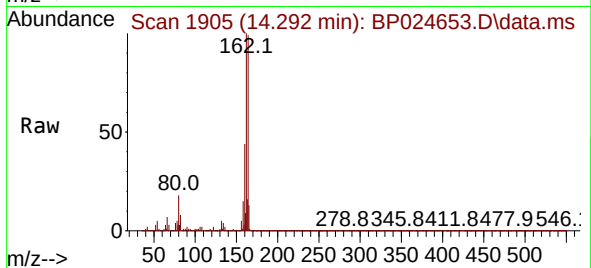
Tgt Ion:164 Resp: 359699

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

160 44.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.233 ng

RT: 12.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Tgt Ion:216 Resp: 482910

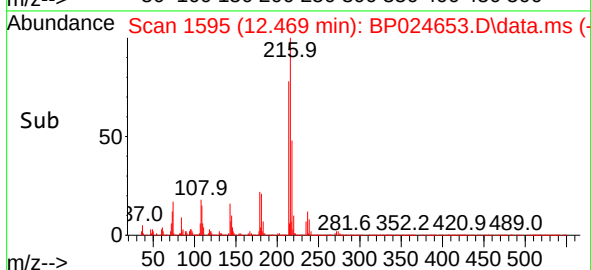
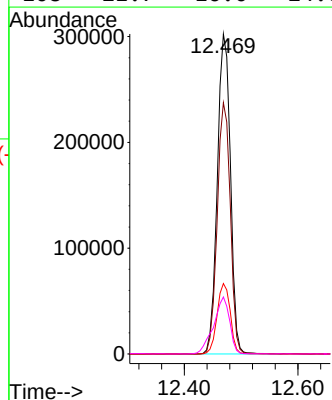
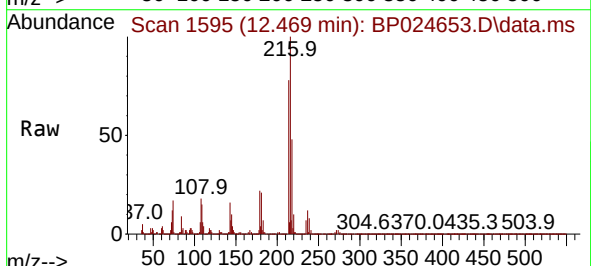
Ion Ratio Lower Upper

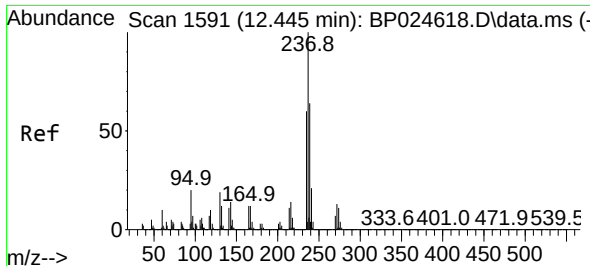
216 100

214 78.6 62.3 93.5

179 22.1 17.7 26.5

108 21.7 16.0 24.0

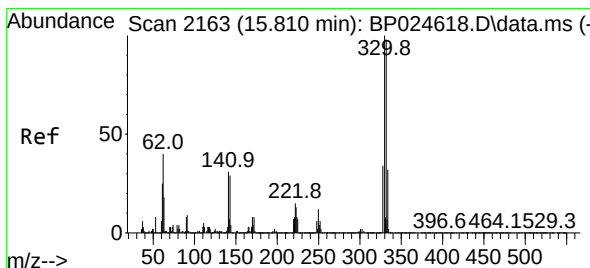
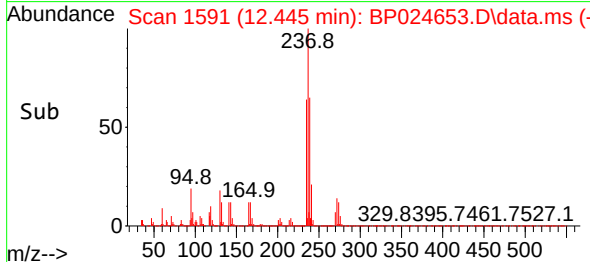
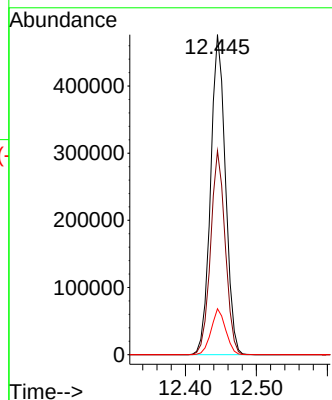
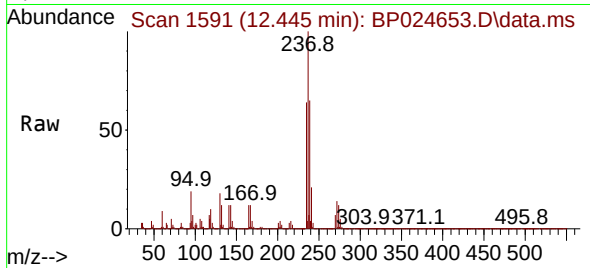




#41
Hexachlorocyclopentadiene
Concen: 109.161 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

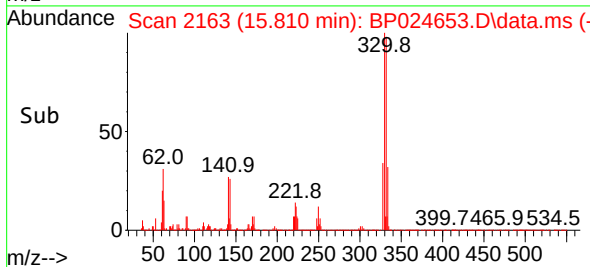
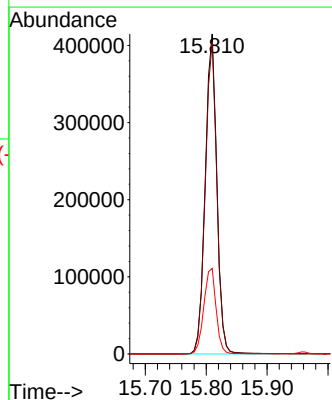
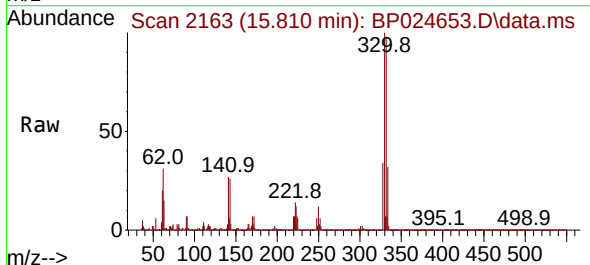
Instrument :
BNA_P
ClientSampleId :
PB168019BS

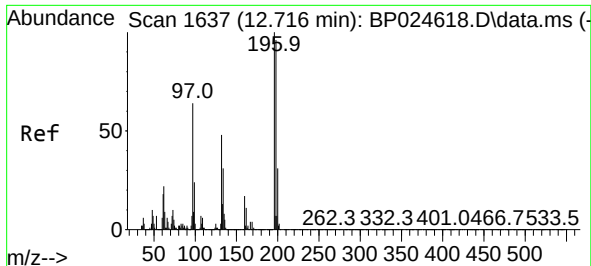
Tgt Ion:237 Resp: 691384
Ion Ratio Lower Upper
237 100
235 63.7 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 90.395 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:330 Resp: 551222
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 28.2 24.3 36.5

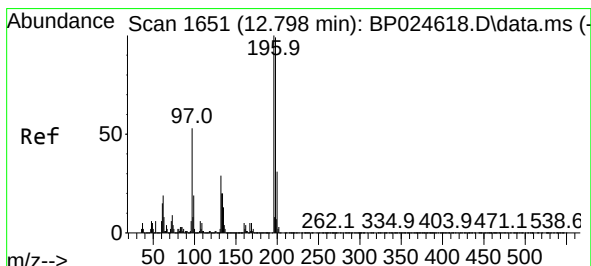
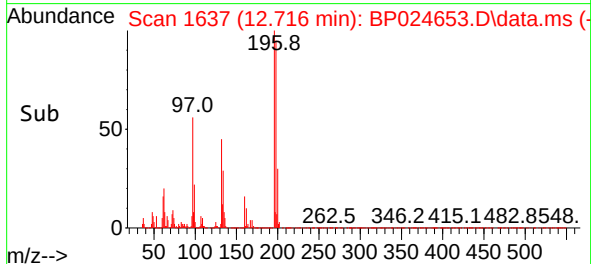
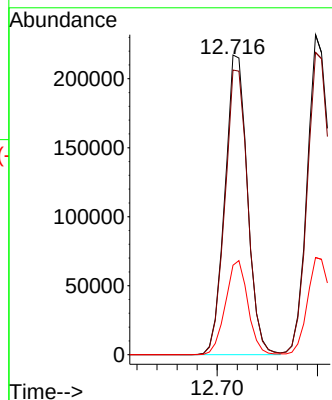
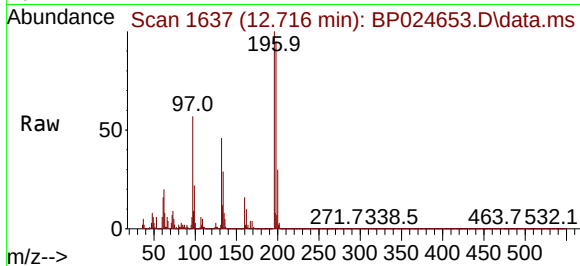




#43
2,4,6-Trichlorophenol
Concen: 50.147 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

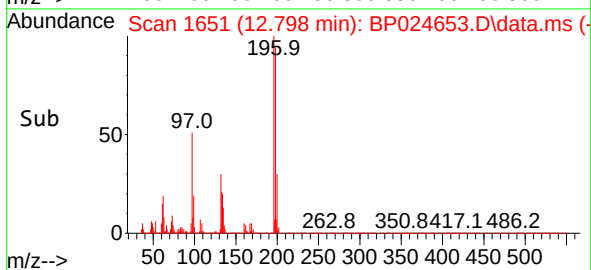
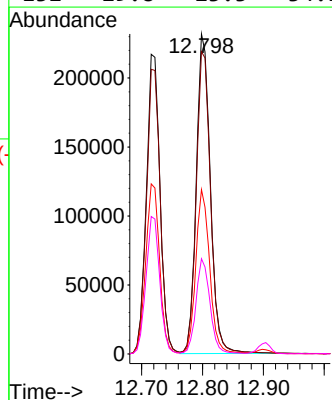
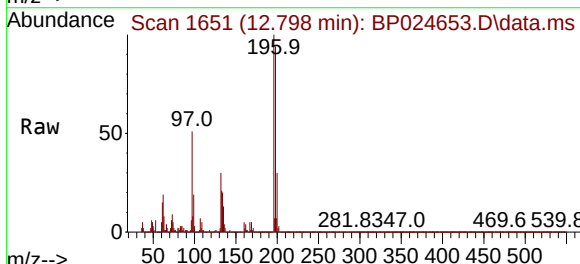
Instrument :
BNA_P
ClientSampleId :
PB168019BS

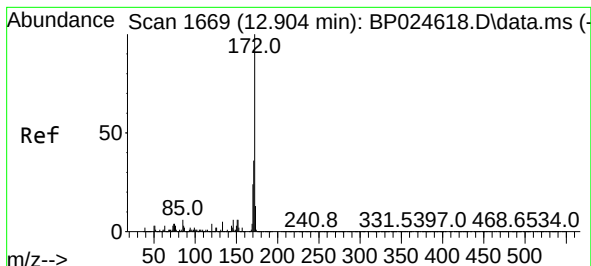
Tgt Ion:196 Resp: 339269
Ion Ratio Lower Upper
196 100
198 95.0 76.9 115.3
200 29.8 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 49.542 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:196 Resp: 373095
Ion Ratio Lower Upper
196 100
198 94.5 79.2 118.8
97 51.4 42.3 63.5
132 29.8 23.3 34.9

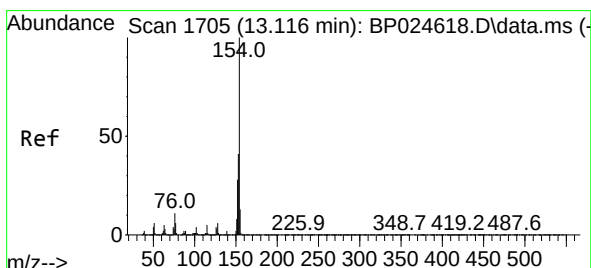
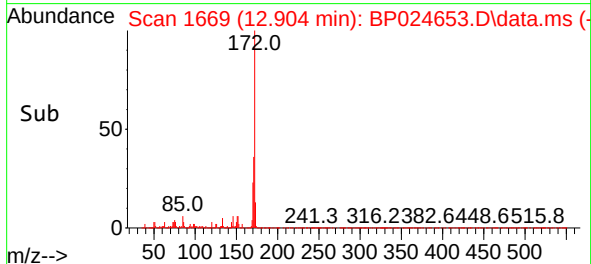
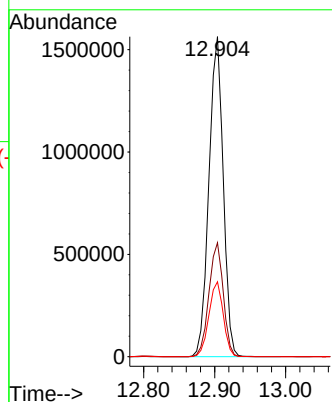
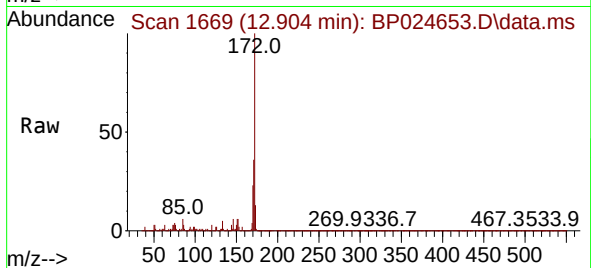




#45
2-Fluorobiphenyl
Concen: 79.858 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

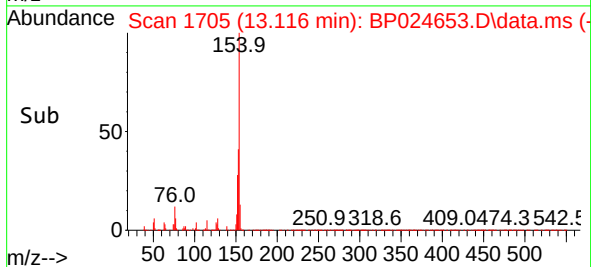
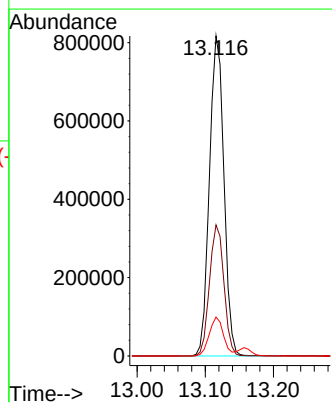
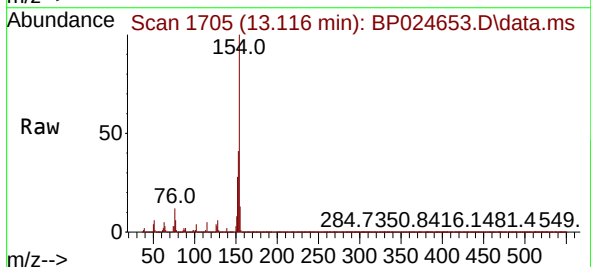
Instrument :
BNA_P
ClientSampleId :
PB168019BS

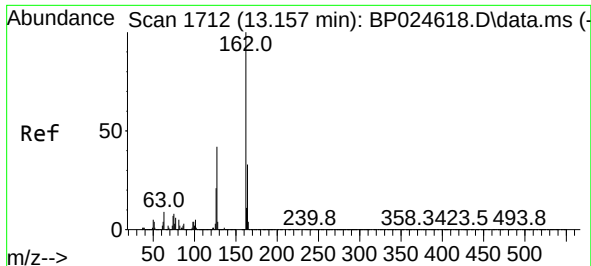
Tgt Ion:172 Resp: 2192521
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.395 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:154 Resp: 1206858
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 12.1 0.0 31.5

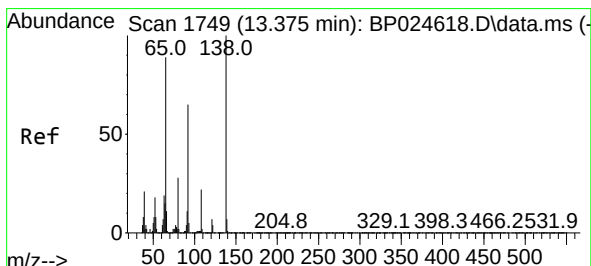
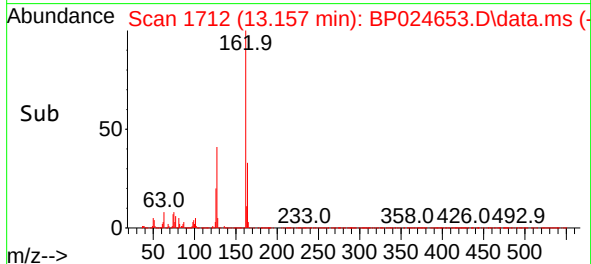
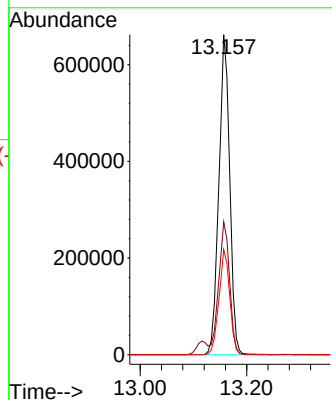
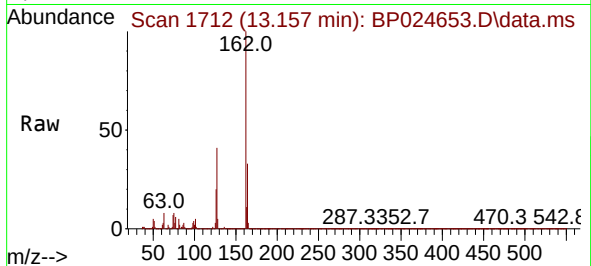




#47
2-Chloronaphthalene
Concen: 46.045 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

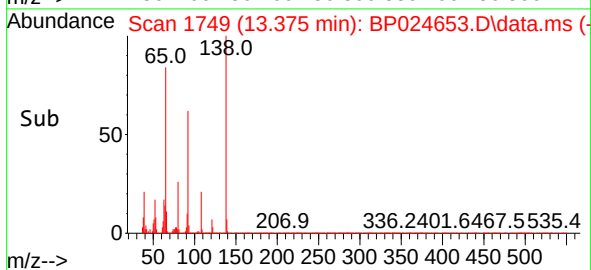
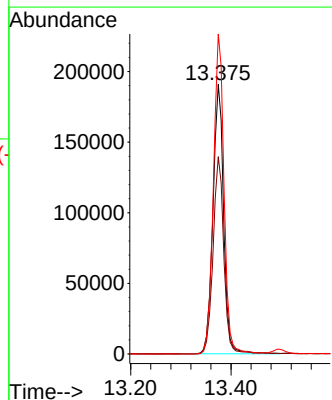
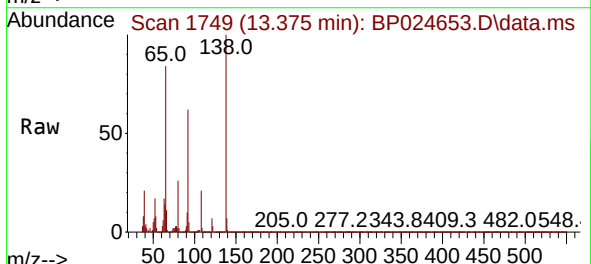
Instrument :
BNA_P
ClientSampleId :
PB168019BS

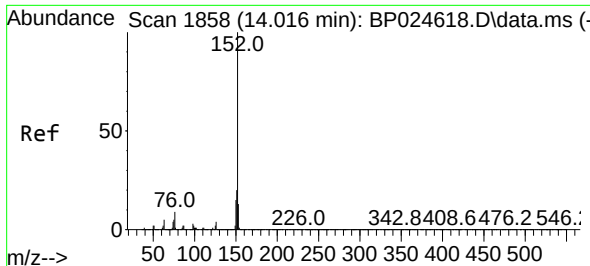
Tgt Ion:162 Resp: 933375
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.6
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 47.232 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 65 Resp: 283458
Ion Ratio Lower Upper
65 100
92 73.2 58.7 88.1
138 118.7 90.2 135.2

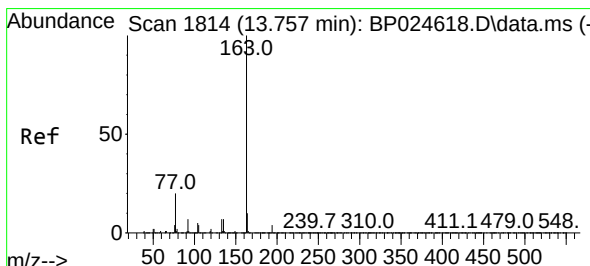
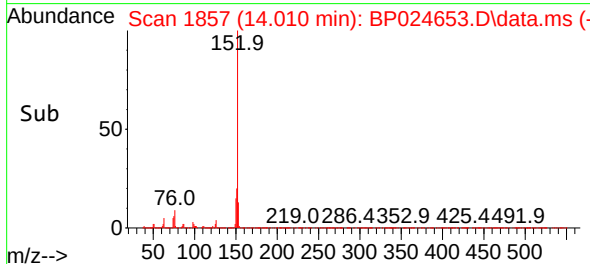
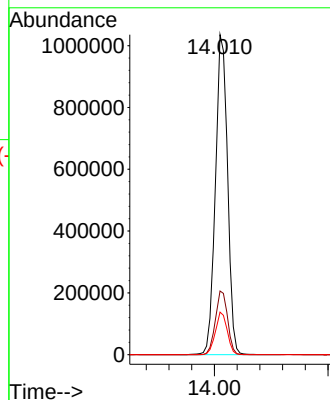
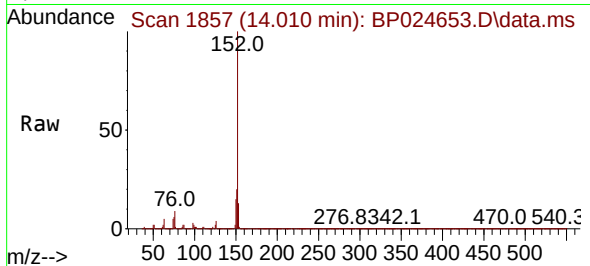




#49
Acenaphthylene
Concen: 45.089 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

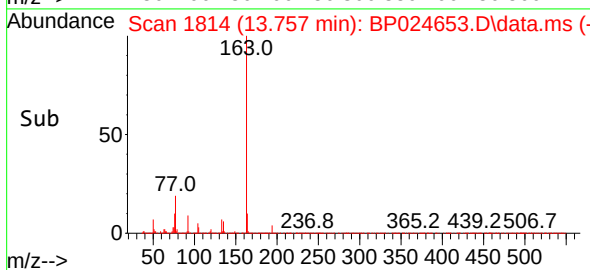
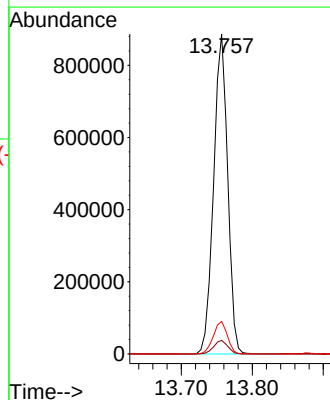
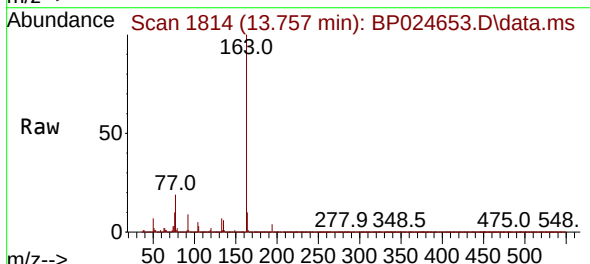
Instrument :
BNA_P
ClientSampleId :
PB168019BS

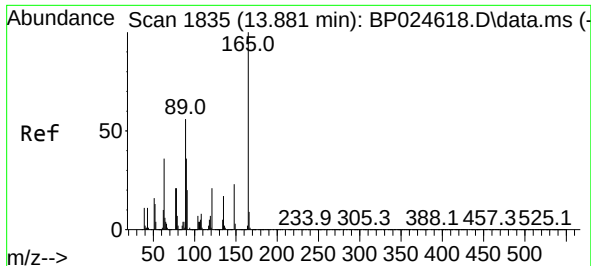
Tgt Ion:152 Resp: 1529557
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 44.308 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:163 Resp: 1214759
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.1 12.1

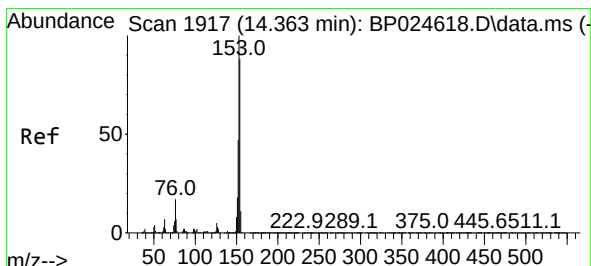
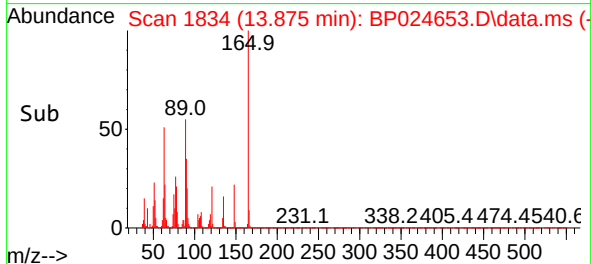
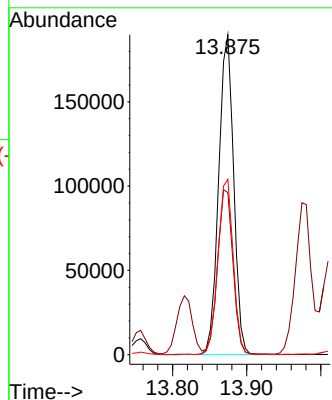
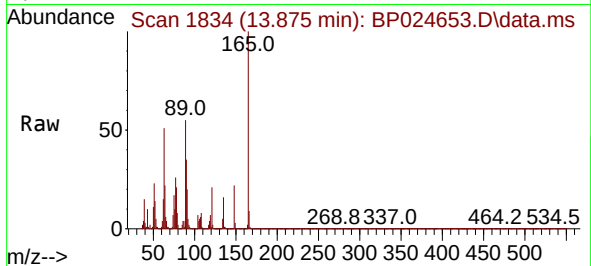




#51
2,6-Dinitrotoluene
Concen: 45.959 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

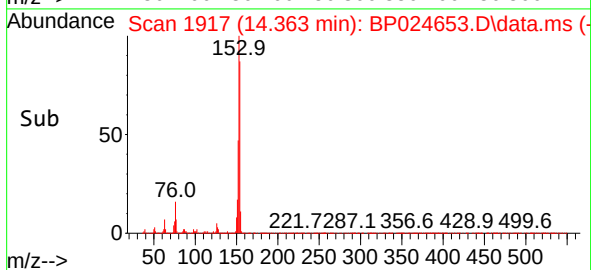
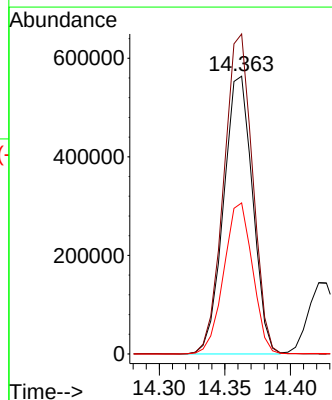
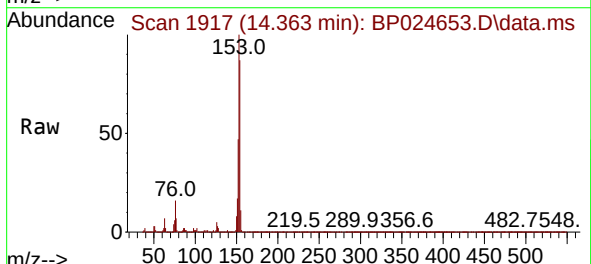
Instrument :
BNA_P
ClientSampleId :
PB168019BS

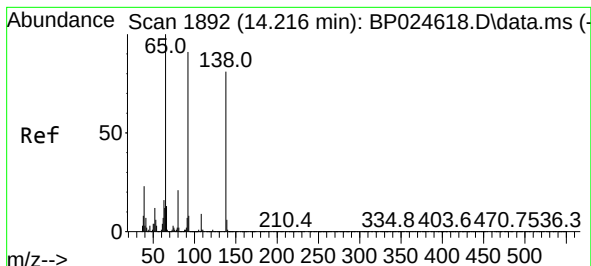
Tgt Ion:165 Resp: 266111
Ion Ratio Lower Upper
165 100
63 50.6 42.4 63.6
89 54.8 44.8 67.2



#52
Acenaphthene
Concen: 44.550 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:154 Resp: 868796
Ion Ratio Lower Upper
154 100
153 115.2 91.0 136.4
152 54.4 42.9 64.3

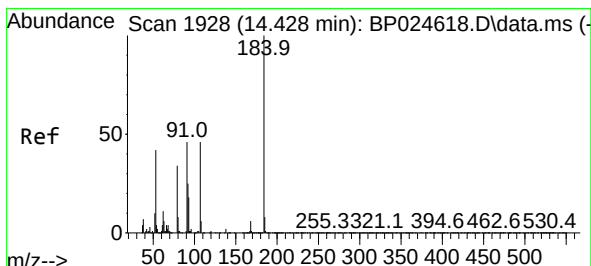
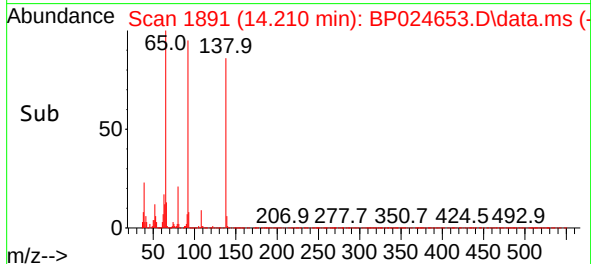
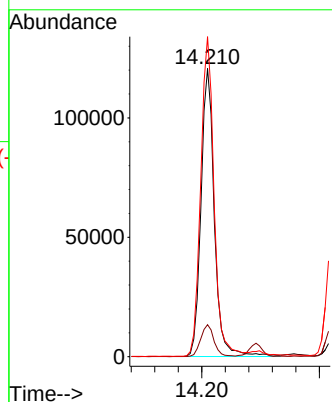
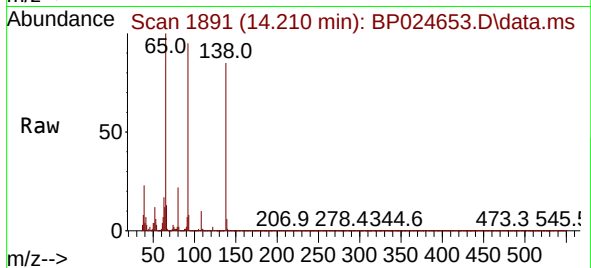




#53
3-Nitroaniline
Concen: 32.166 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

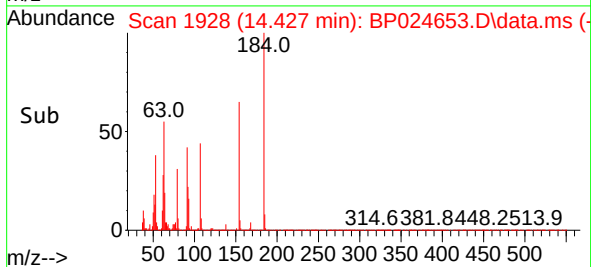
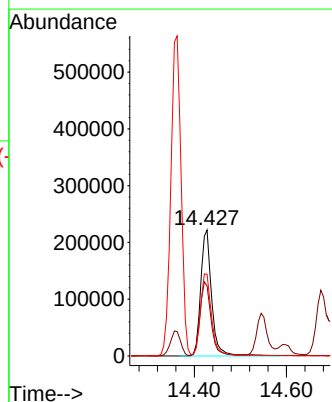
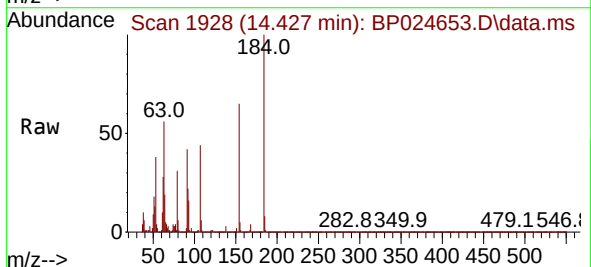
Instrument :
BNA_P
ClientSampleId :
PB168019BS

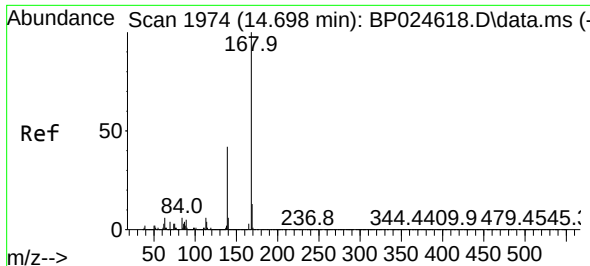
Tgt Ion:138 Resp: 190170
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 111.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 98.497 ng
RT: 14.427 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:184 Resp: 365507
Ion Ratio Lower Upper
184 100
63 55.6 51.3 76.9
154 64.9 53.5 80.3

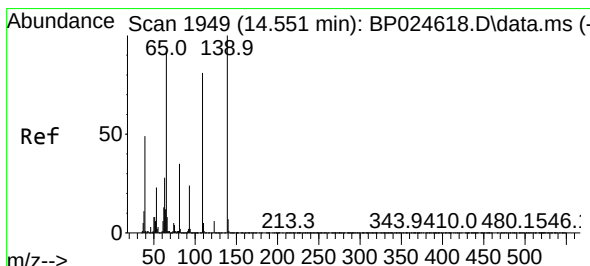
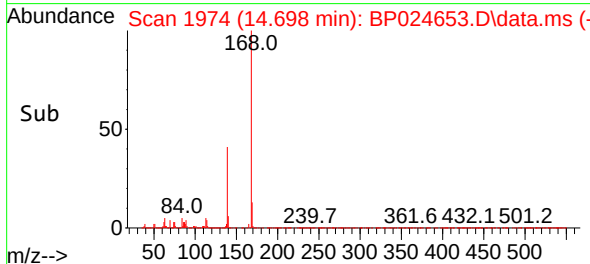
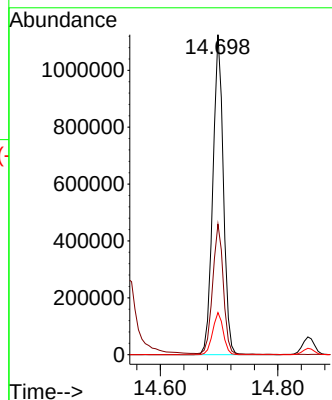
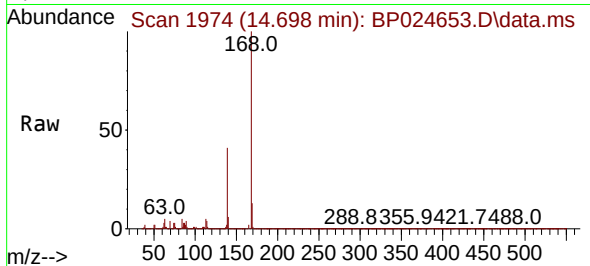




#55
Dibenzofuran
Concen: 44.926 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

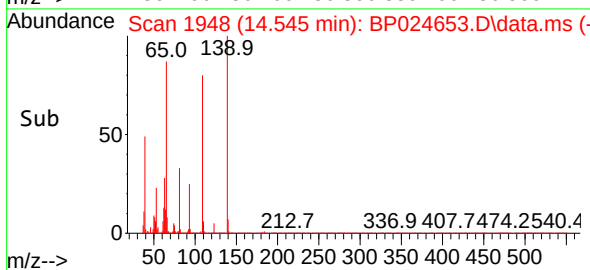
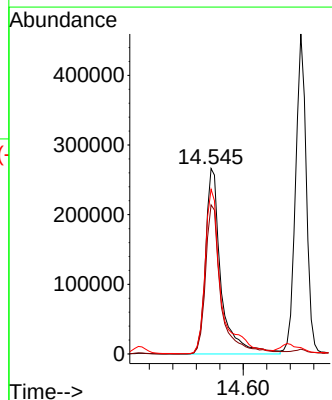
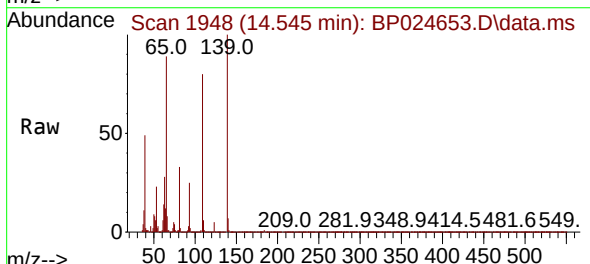
Instrument :
BNA_P
ClientSampleId :
PB168019BS

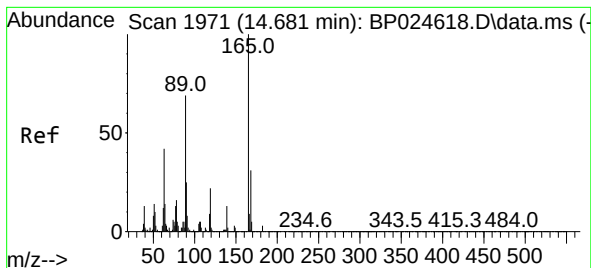
Tgt Ion:168 Resp: 1397497
Ion Ratio Lower Upper
168 100
139 40.8 34.2 51.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 94.659 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:139 Resp: 488701
Ion Ratio Lower Upper
139 100
109 80.4 61.4 101.4
65 88.8 72.2 112.2

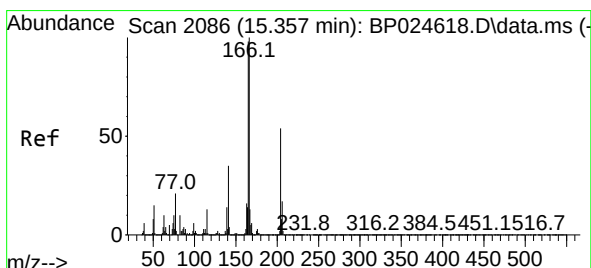
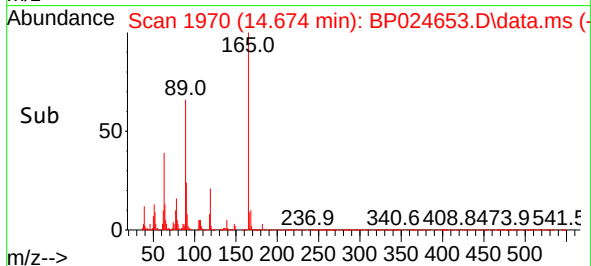
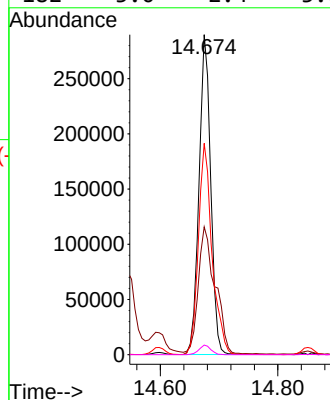
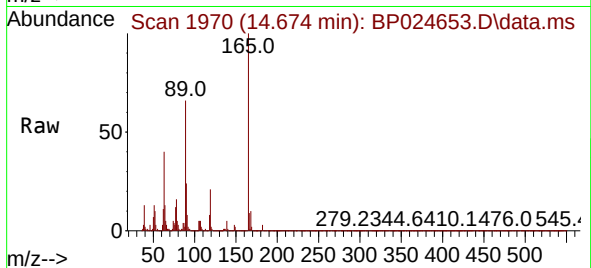




#57
2,4-Dinitrotoluene
Concen: 48.931 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

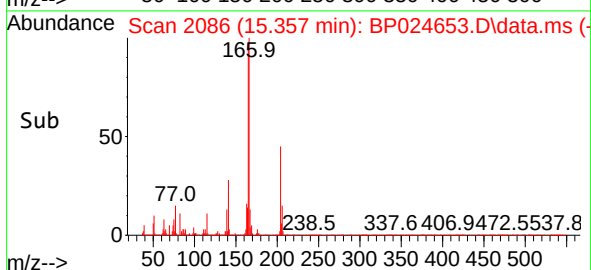
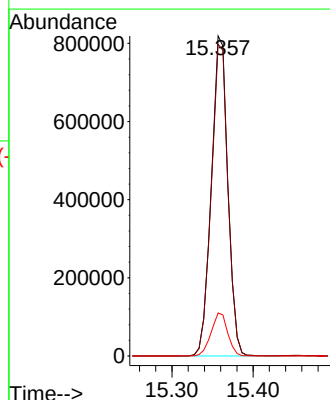
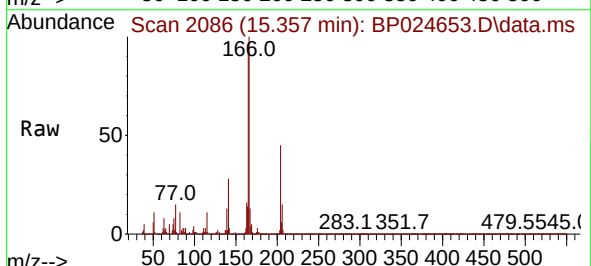
Instrument :
BNA_P
ClientSampleId :
PB168019BS

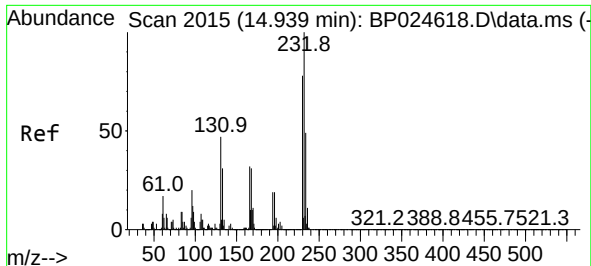
Tgt Ion:165 Resp: 399430
Ion Ratio Lower Upper
165 100
63 39.9 33.8 50.6
89 66.0 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 45.483 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:166 Resp: 1153640
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.4 10.7 16.1



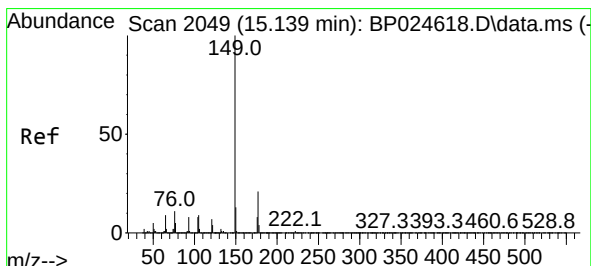
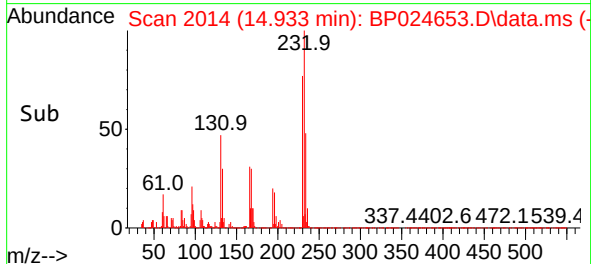
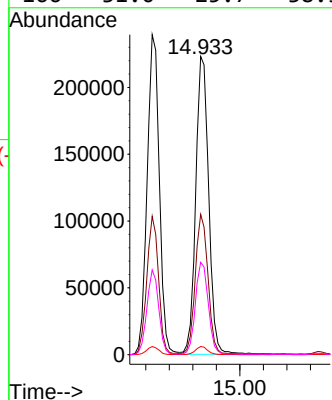
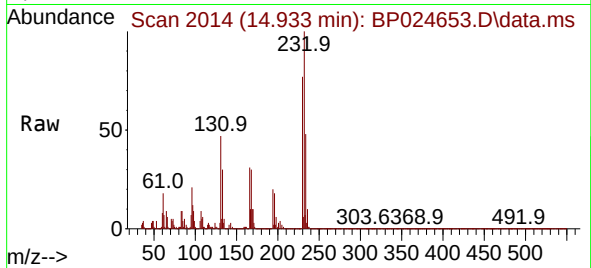


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.836 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Instrument :
BNA_P
ClientSampleId :
PB168019BS

Tgt Ion:232 Resp: 341167

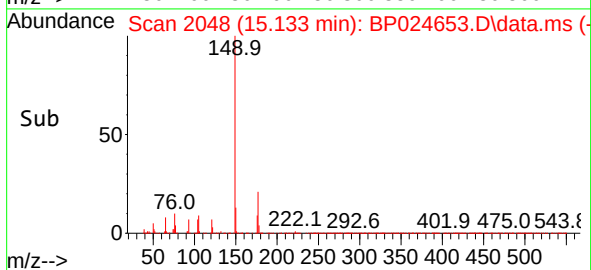
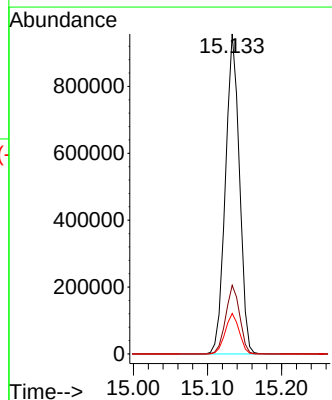
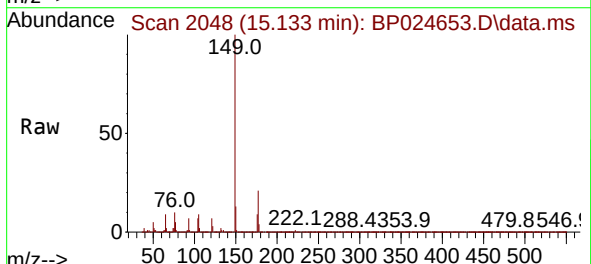
Ion	Ratio	Lower	Upper
232	100		
131	46.4	39.5	59.3
130	2.6	2.2	3.4
166	31.0	25.7	38.5

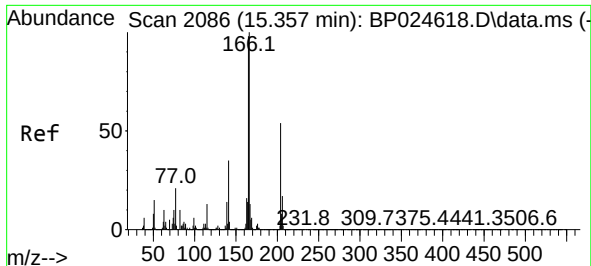


#60
Diethylphthalate
Concen: 45.303 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:149 Resp: 1255357

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.6	10.2	15.2

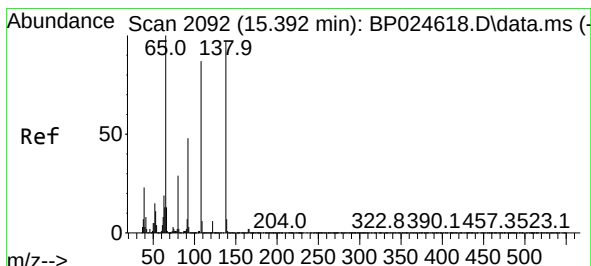
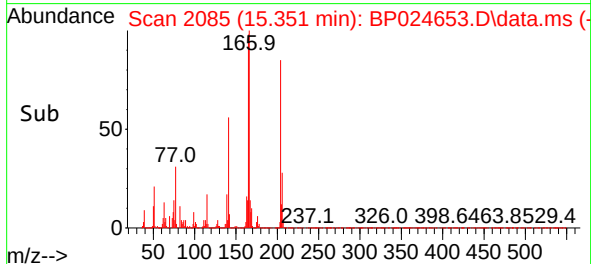
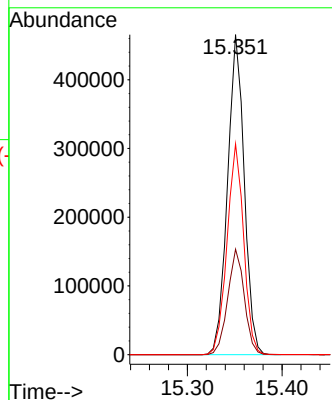
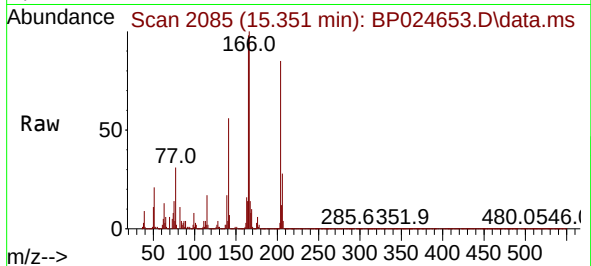




#61
4-Chlorophenyl-phenylether
Concen: 45.207 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

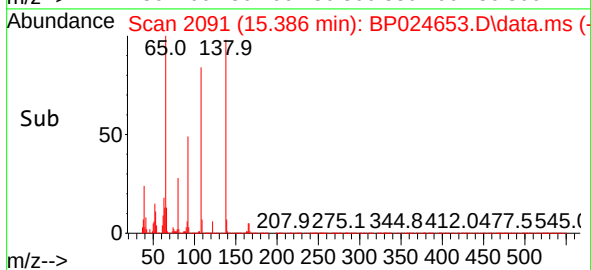
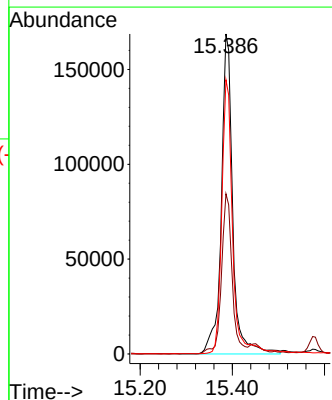
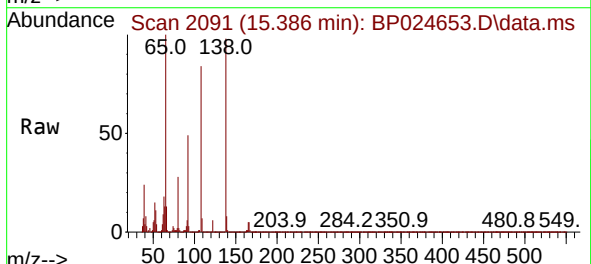
Instrument :
BNA_P
ClientSampleId :
PB168019BS

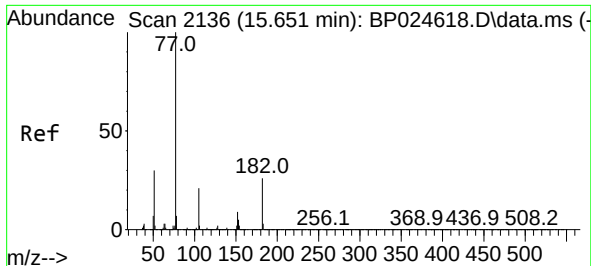
Tgt Ion:204 Resp: 571834
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 65.9 52.9 79.3



#62
4-Nitroaniline
Concen: 50.601 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:138 Resp: 288862
Ion Ratio Lower Upper
138 100
92 50.1 29.2 69.2
108 85.7 69.0 109.0



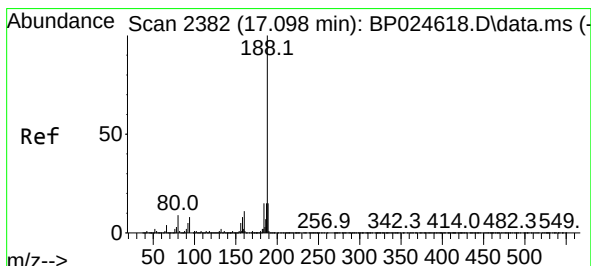
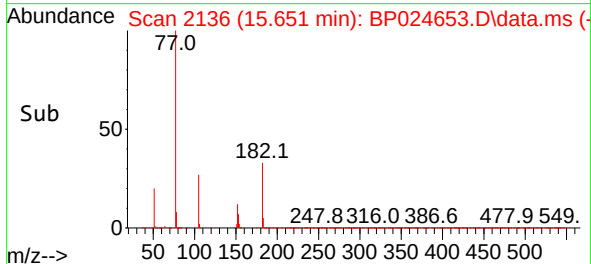
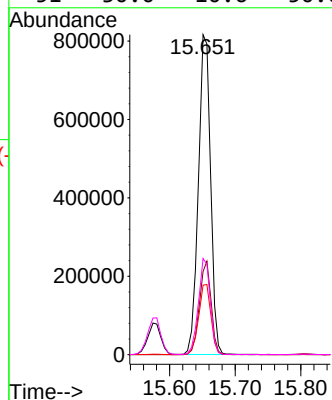
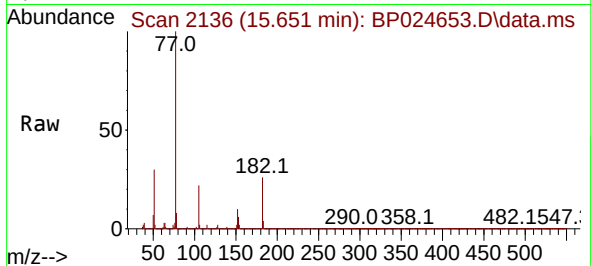


#63
Azobenzene
Concen: 44.687 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Instrument :
BNA_P
ClientSampleId :
PB168019BS

Tgt Ion: 77 Resp: 1059314

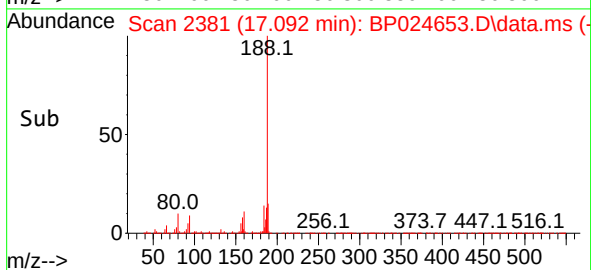
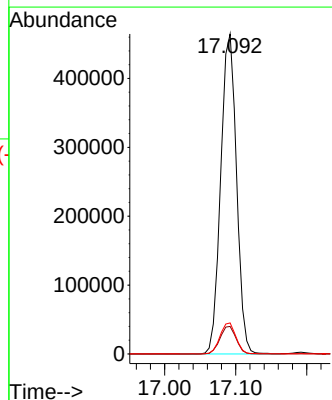
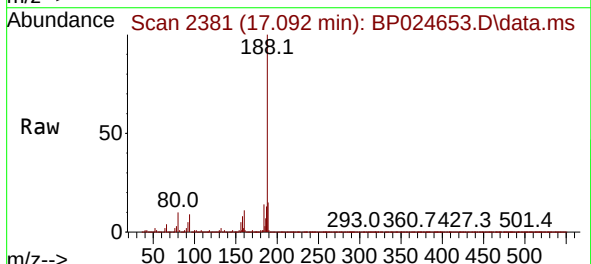
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.7	45.7
105	21.7	1.3	41.3
51	30.0	10.6	50.6

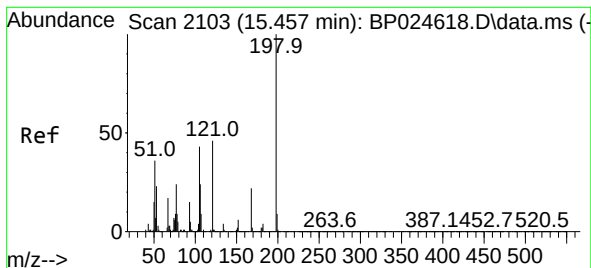


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion: 188 Resp: 714652

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.7	7.3	10.9

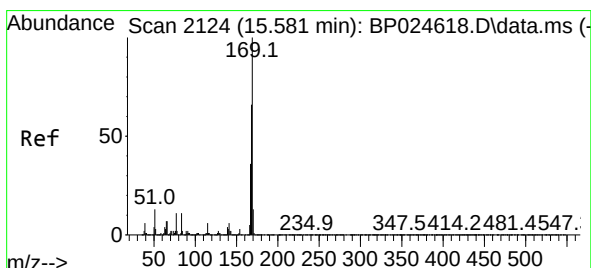
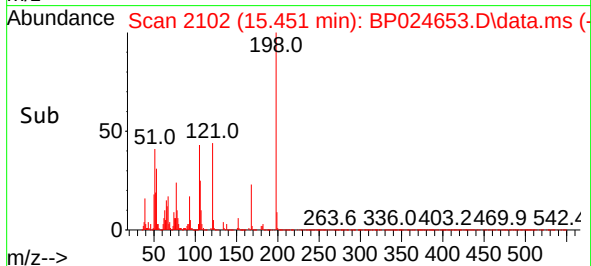
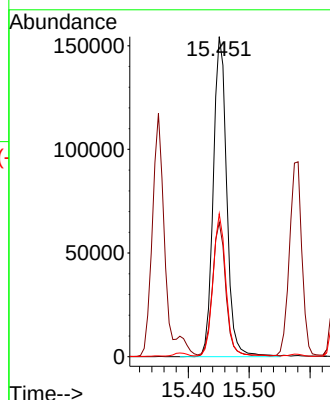
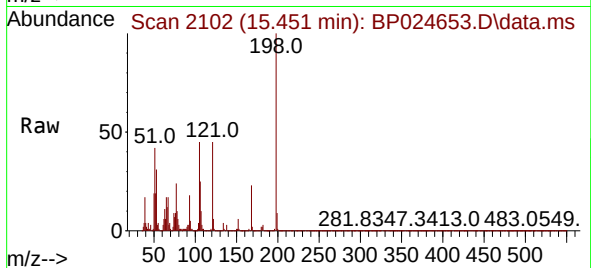




#65
4,6-Dinitro-2-methylphenol
Concen: 51.418 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

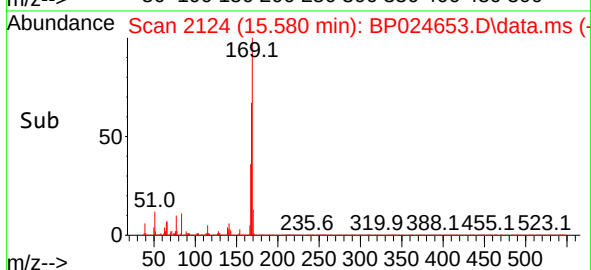
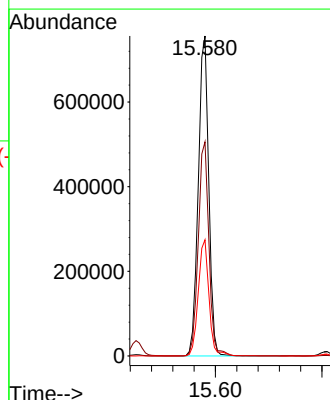
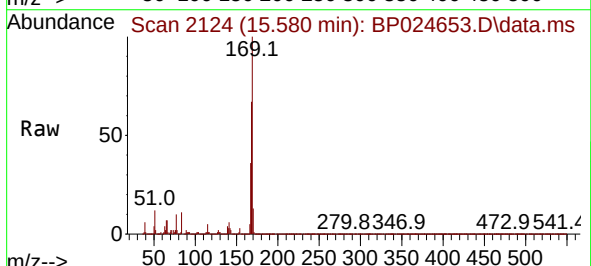
Instrument :
BNA_P
ClientSampleId :
PB168019BS

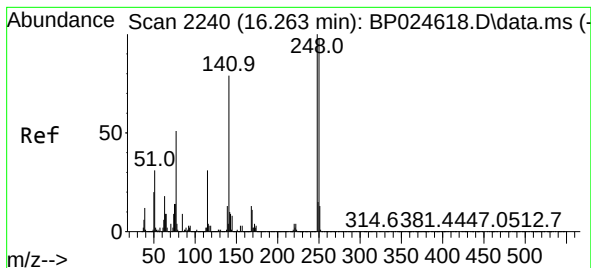
Tgt Ion:198 Resp: 237354
Ion Ratio Lower Upper
198 100
51 42.0 21.1 61.1
105 44.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.930 ng
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:169 Resp: 1030181
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 28.6 43.0

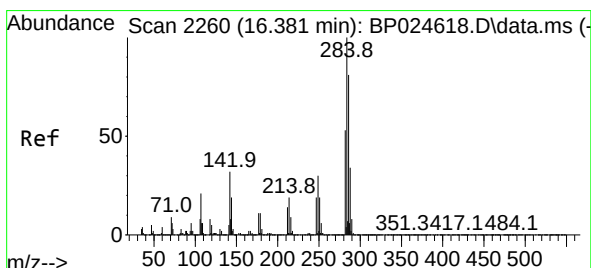
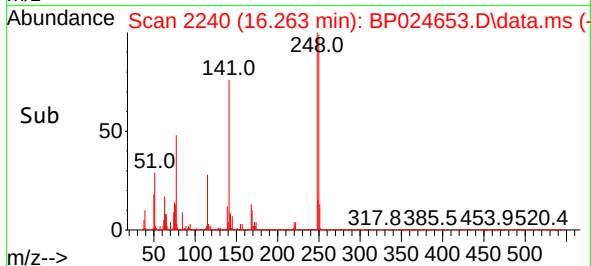
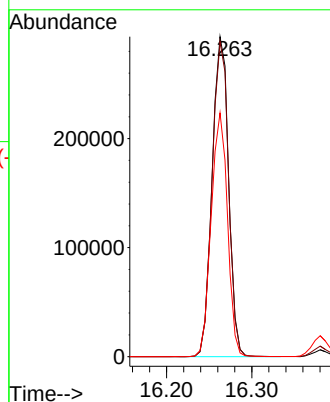
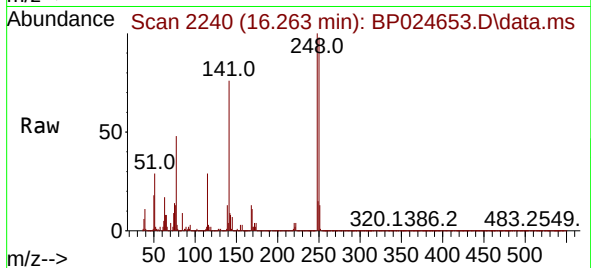




#67
4-Bromophenyl-phenylether
Concen: 46.750 ng
RT: 16.263 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

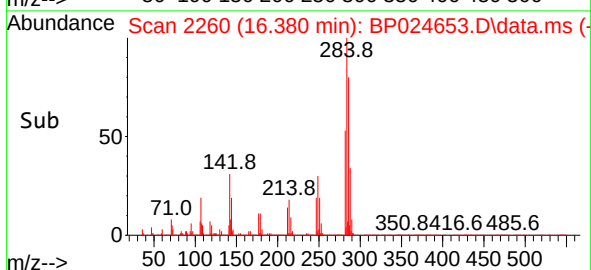
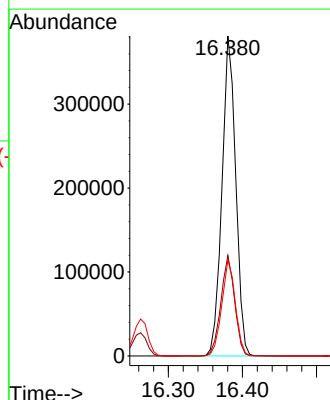
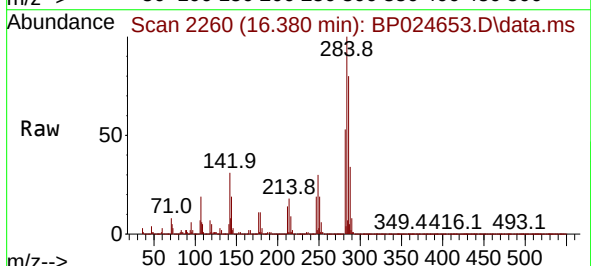
Instrument :
BNA_P
ClientSampleId :
PB168019BS

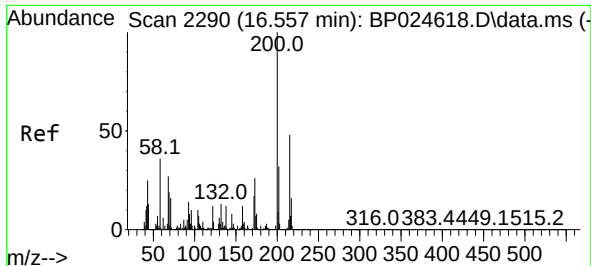
Tgt Ion:248 Resp: 393688
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.4
141 76.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.068 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:284 Resp: 492954
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 30.0 24.1 36.1

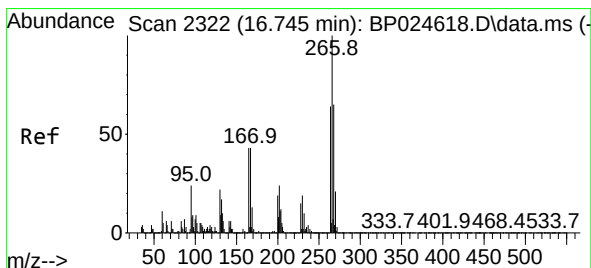
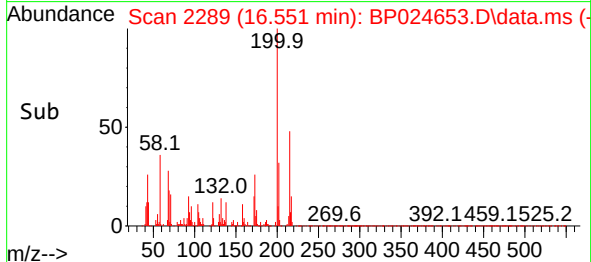
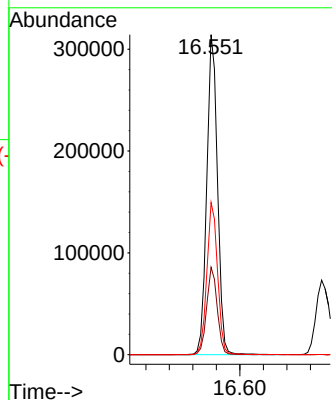
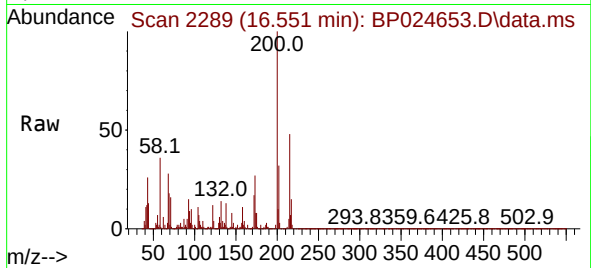




#69
Atrazine
Concen: 49.360 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

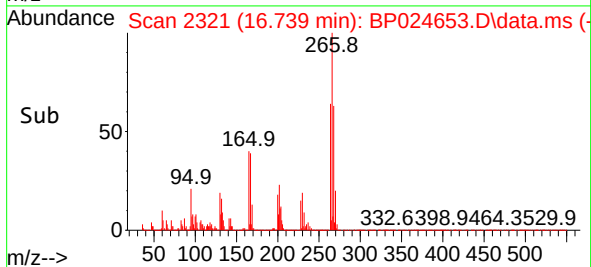
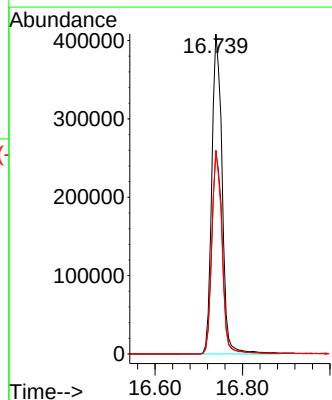
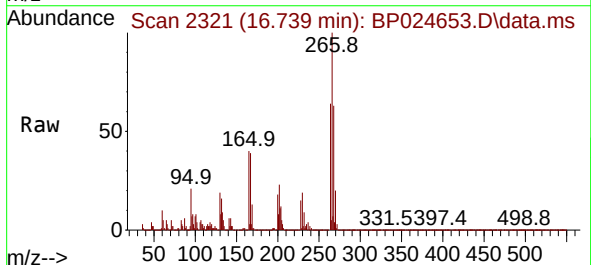
Instrument :
BNA_P
ClientSampleId :
PB168019BS

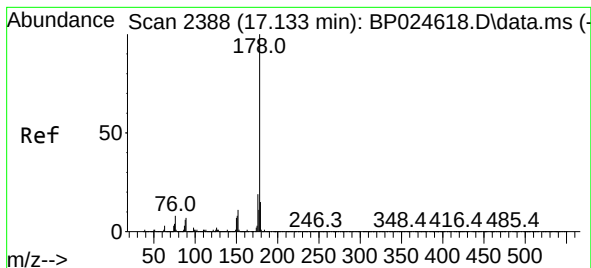
Tgt Ion:200 Resp: 397081
Ion Ratio Lower Upper
200 100
173 27.3 5.9 45.9
215 47.6 28.3 68.3



#70
Pentachlorophenol
Concen: 111.586 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:266 Resp: 670265
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 63.6 51.1 76.7





#71

Phenanthrene

Concen: 45.782 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

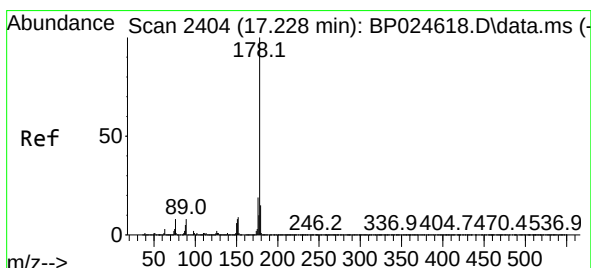
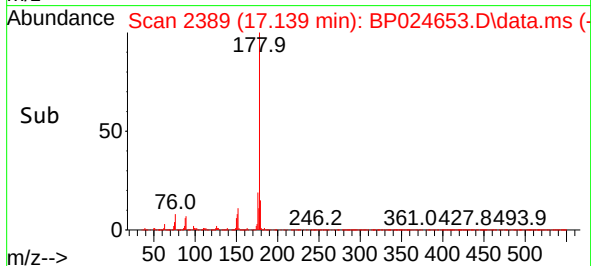
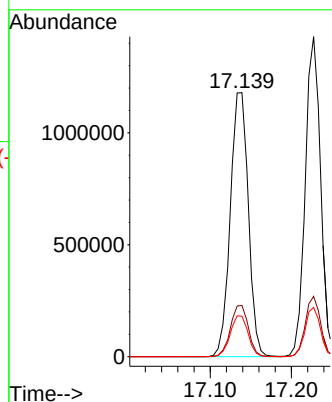
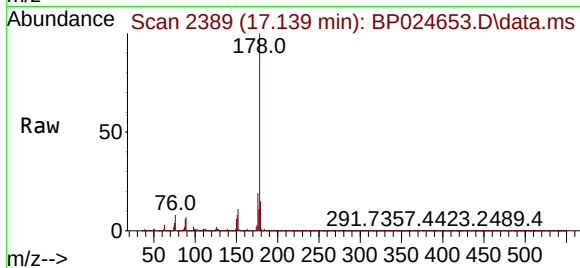
Tgt Ion:178 Resp: 1818854

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 47.201 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

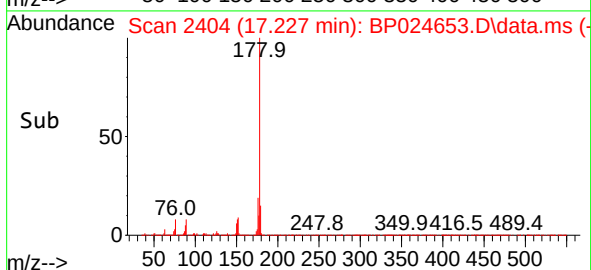
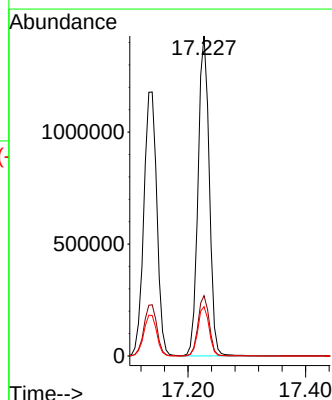
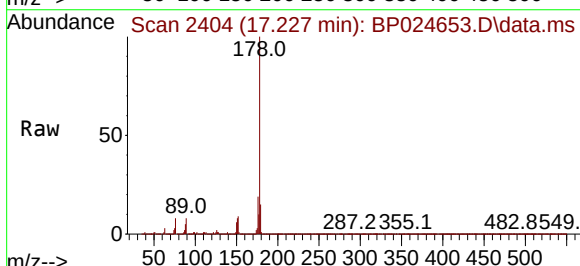
Tgt Ion:178 Resp: 1886701

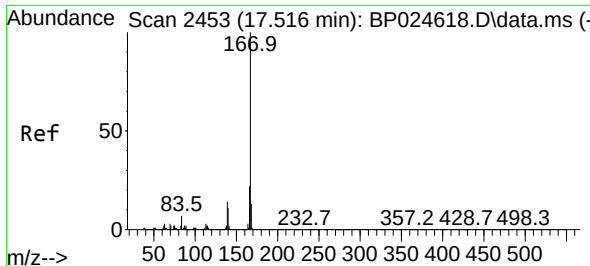
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.4 12.2 18.2



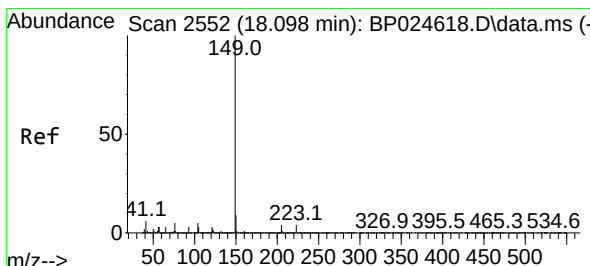
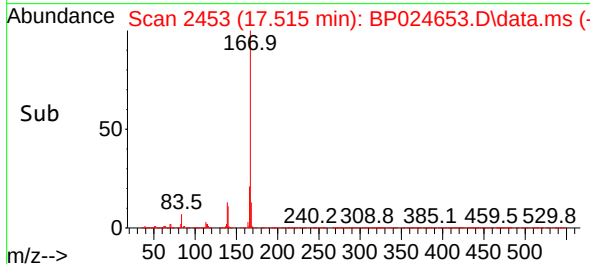
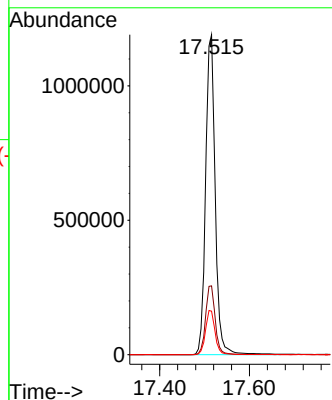
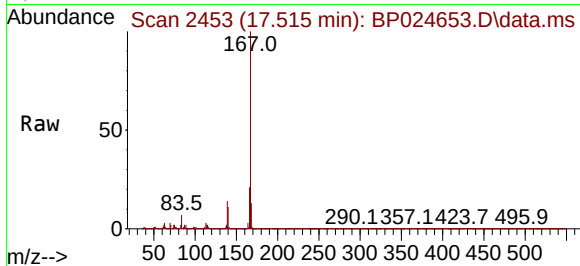


#73
 Carbazole
 Concen: 48.727 ng
 RT: 17.515 min Scan# 2453
 Delta R.T. -0.000 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BS

Tgt Ion:167 Resp: 1762855

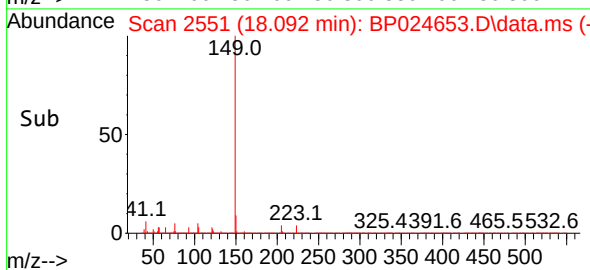
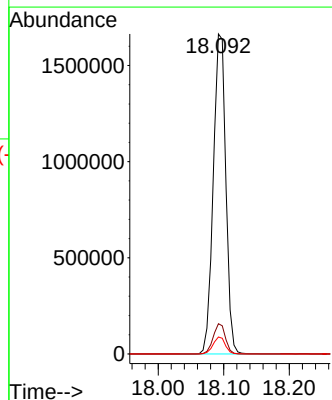
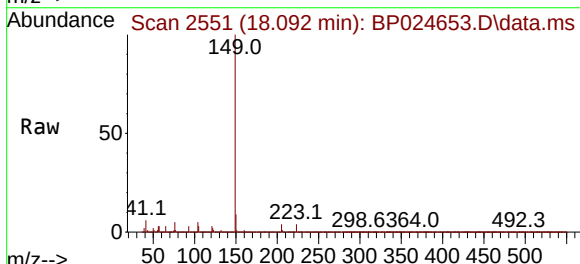
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	13.6	11.3	16.9

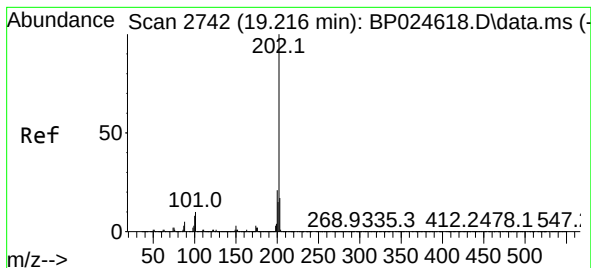


#74
 Di-n-butylphthalate
 Concen: 47.474 ng
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.006 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

Tgt Ion:149 Resp: 2208856

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 47.253 ng

RT: 19.215 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

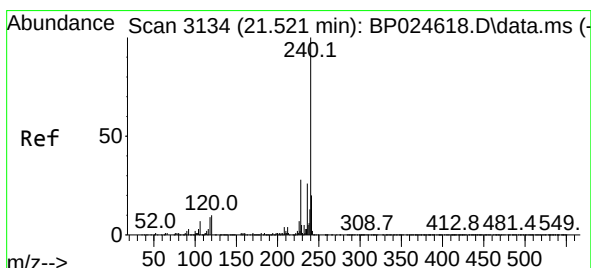
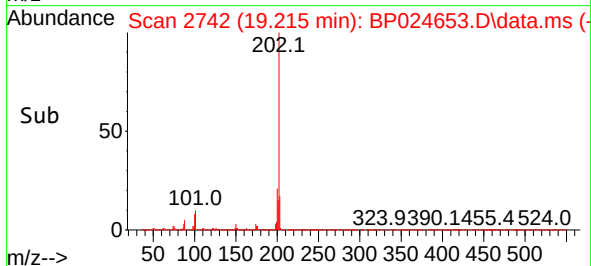
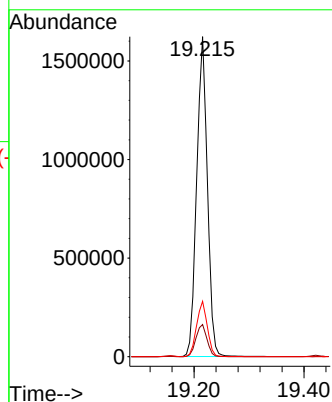
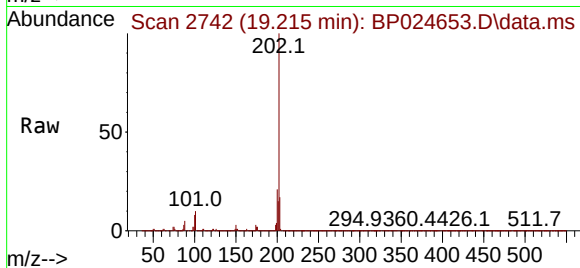
Tgt Ion:202 Resp: 2194423

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.3

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

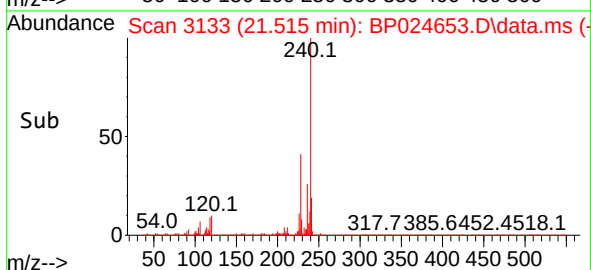
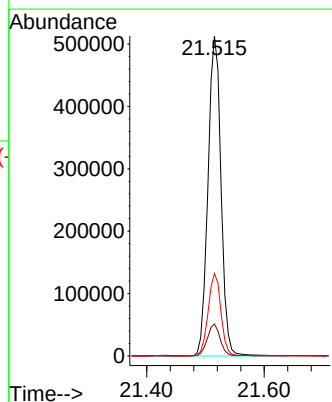
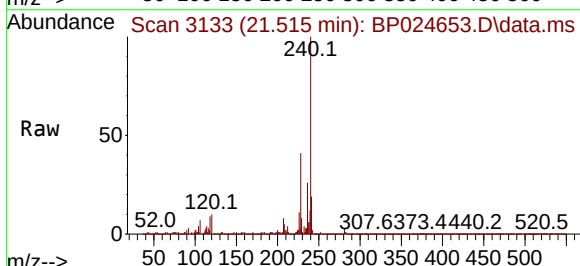
Tgt Ion:240 Resp: 785056

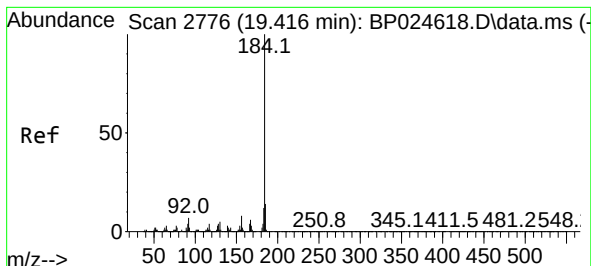
Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.6

236 25.8 20.6 31.0





#77

Benzidine

Concen: 51.297 ng

RT: 19.421 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

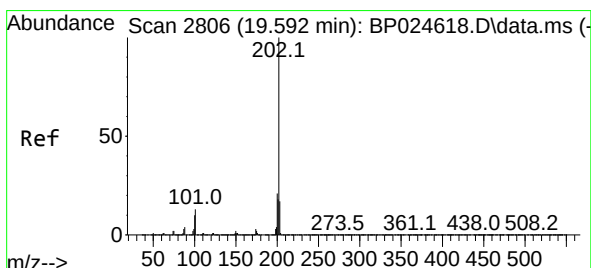
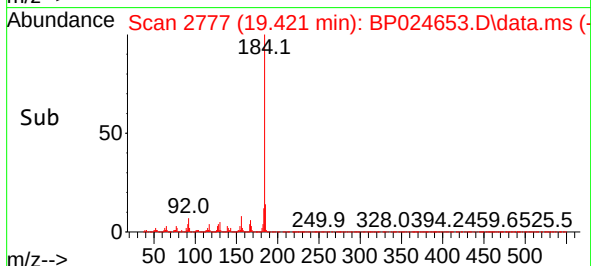
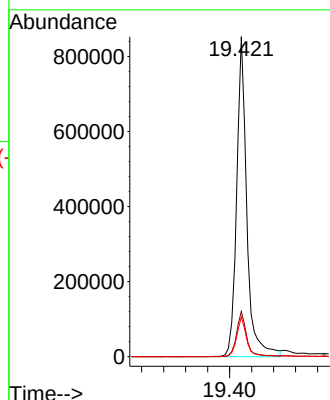
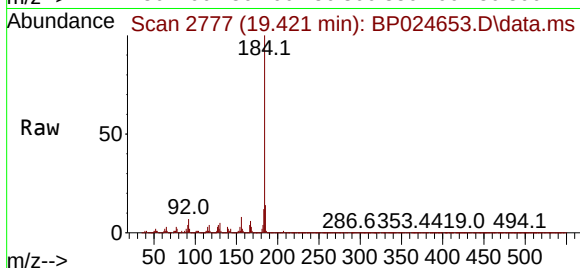
Tgt Ion:184 Resp: 1096829

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.4 9.8 14.8



#78

Pyrene

Concen: 48.679 ng

RT: 19.592 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

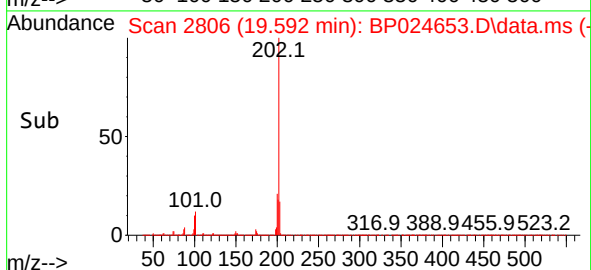
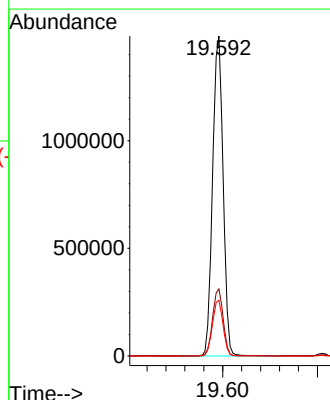
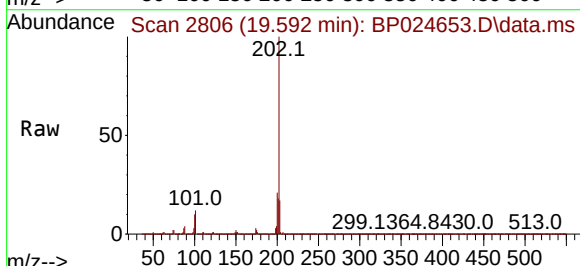
Tgt Ion:202 Resp: 2289779

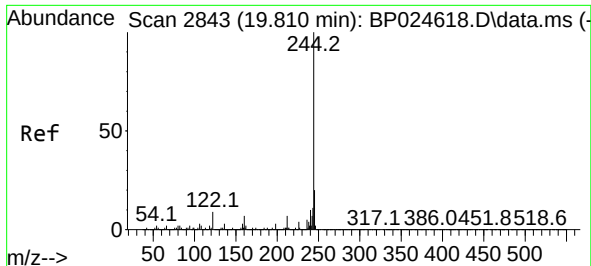
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 13.9 20.9

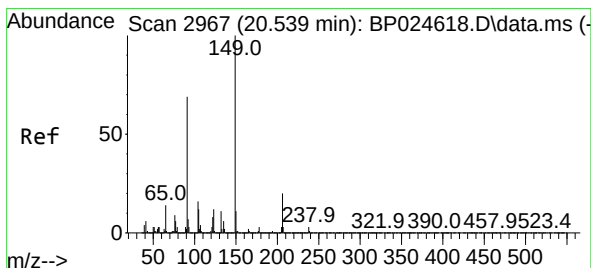
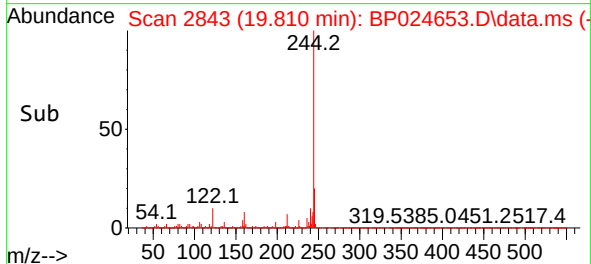
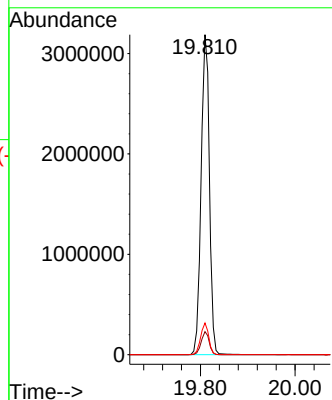
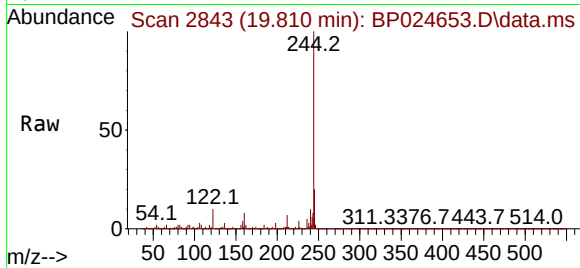




#79
 Terphenyl-d14
 Concen: 84.414 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

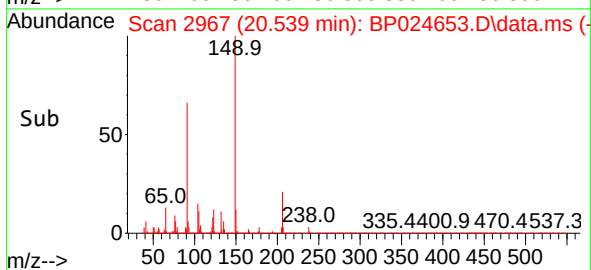
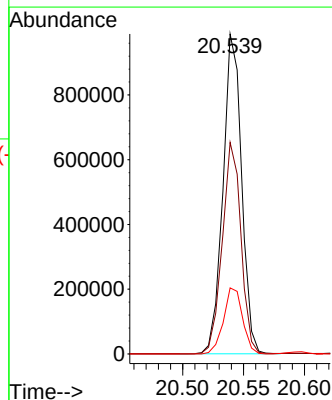
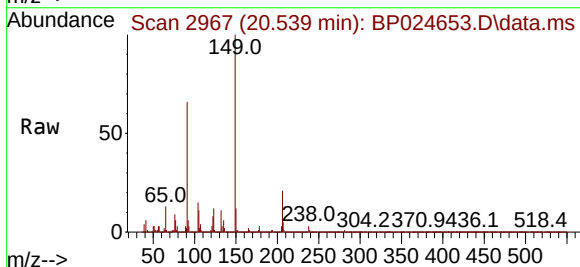
Instrument :
 BNA_P
 ClientSampleId :
 PB168019BS

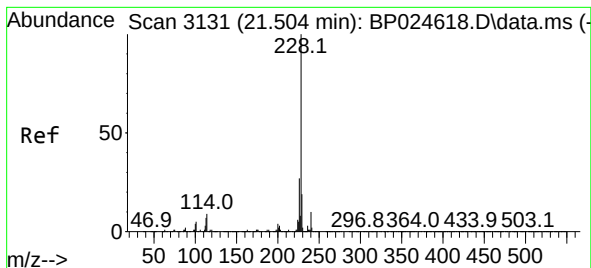
Tgt Ion:244 Resp: 3864813
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.9 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 50.354 ng
 RT: 20.539 min Scan# 2967
 Delta R.T. -0.000 min
 Lab File: BP024653.D
 Acq: 16 May 2025 12:11

Tgt Ion:149 Resp: 1053418
 Ion Ratio Lower Upper
 149 100
 91 66.1 55.4 83.0
 206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.015 ng

RT: 21.498 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

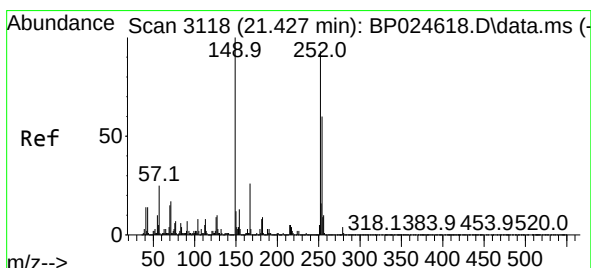
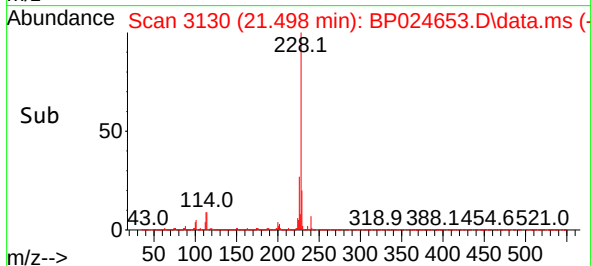
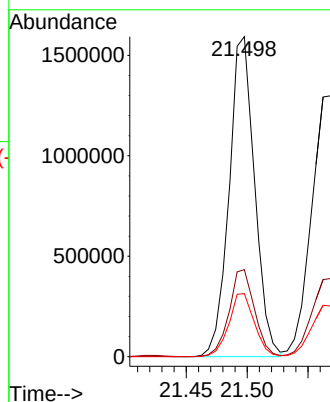
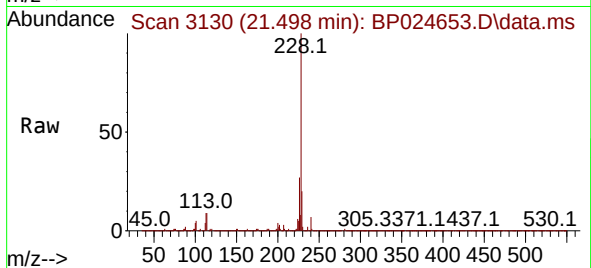
Tgt Ion:228 Resp: 2317599

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 34.498 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

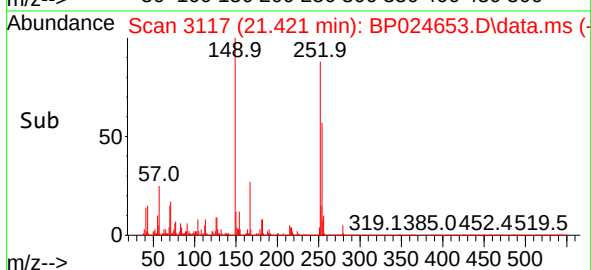
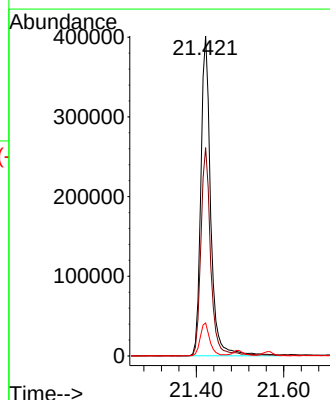
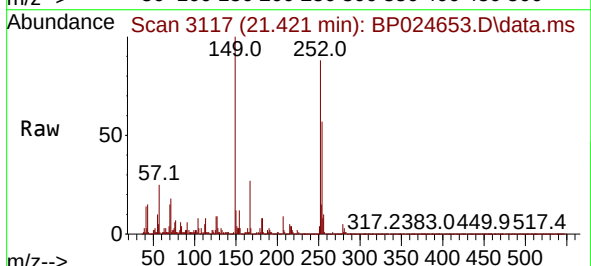
Tgt Ion:252 Resp: 631631

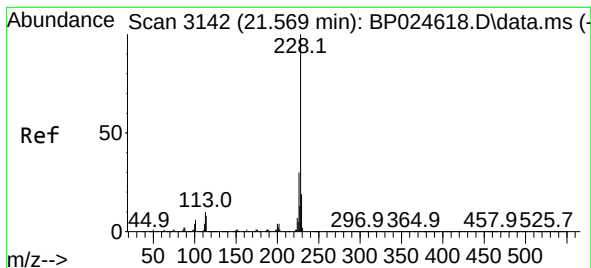
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 10.3 7.7 11.5





#83

Chrysene

Concen: 47.104 ng

RT: 21.568 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

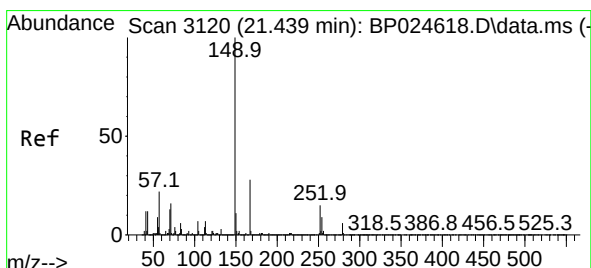
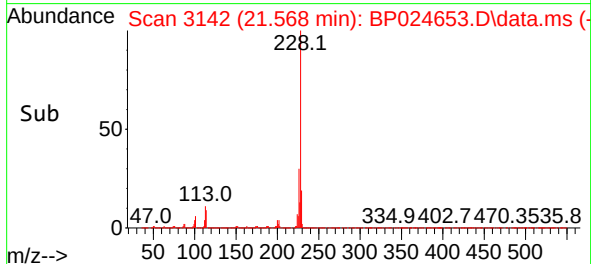
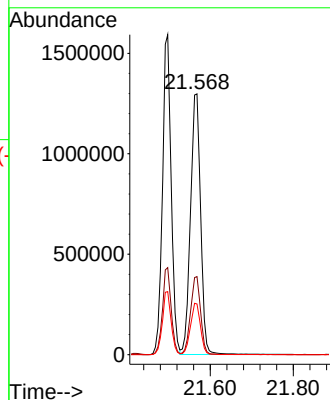
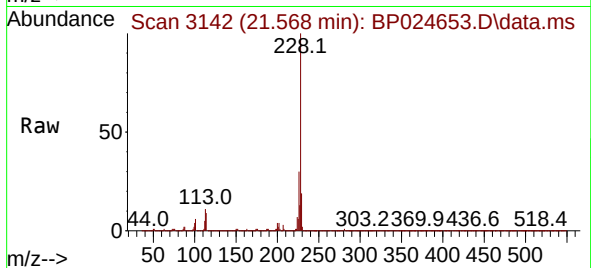
Tgt Ion:228 Resp: 2201129

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.350 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

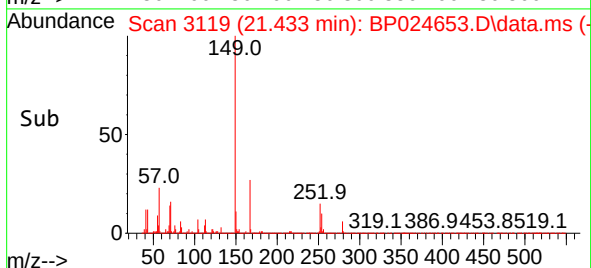
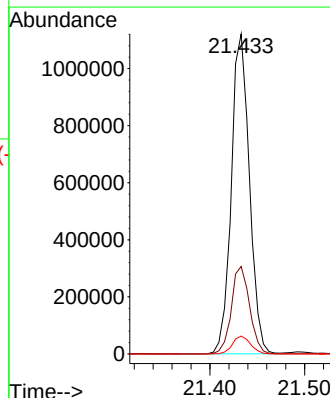
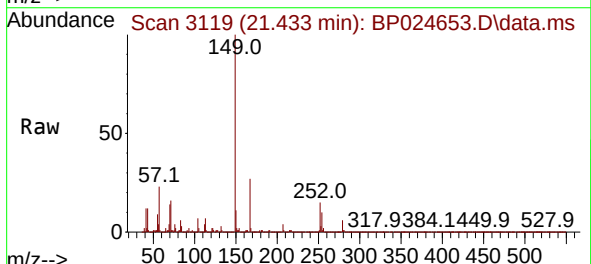
Tgt Ion:149 Resp: 1486705

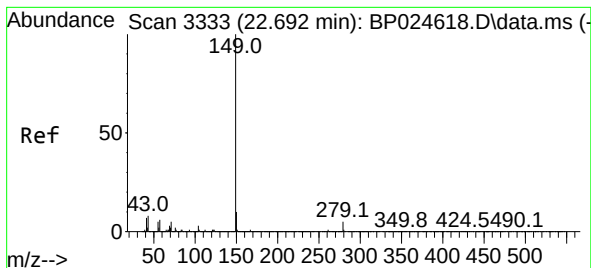
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.421 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

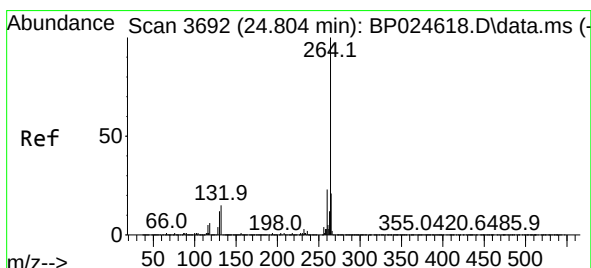
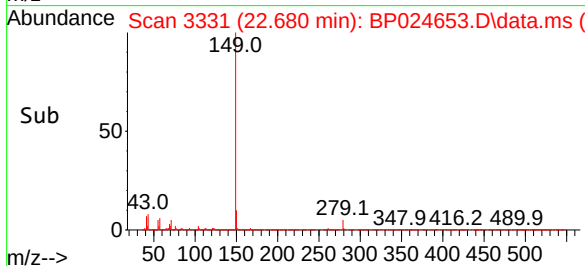
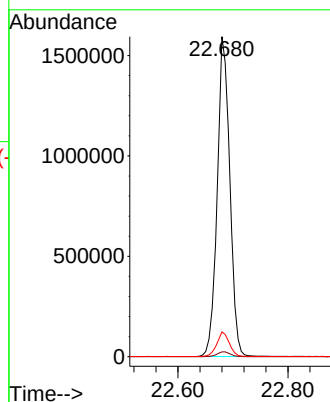
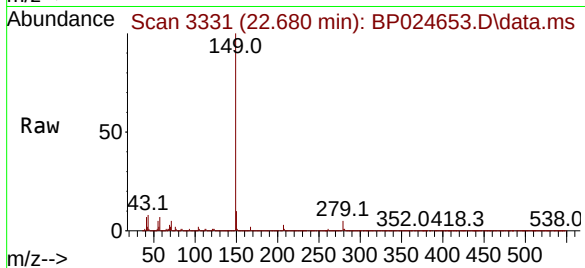
Tgt Ion:149 Resp: 2535302

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

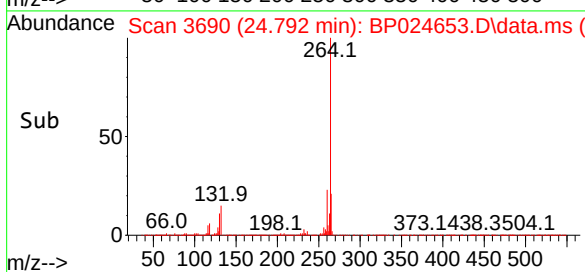
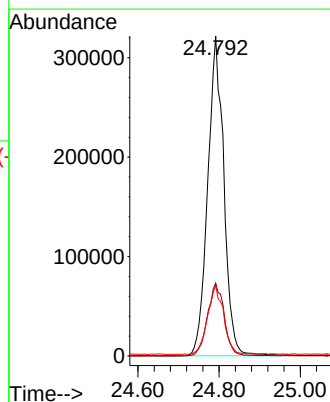
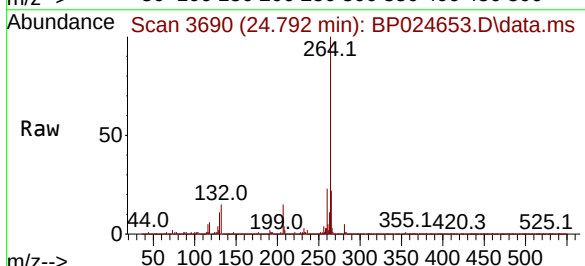
Tgt Ion:264 Resp: 884774

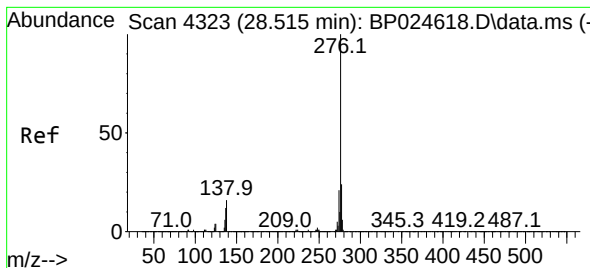
Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.434 ng

RT: 28.497 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

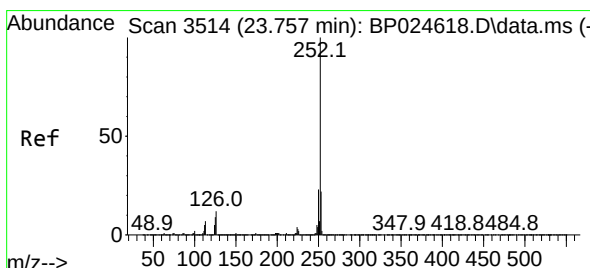
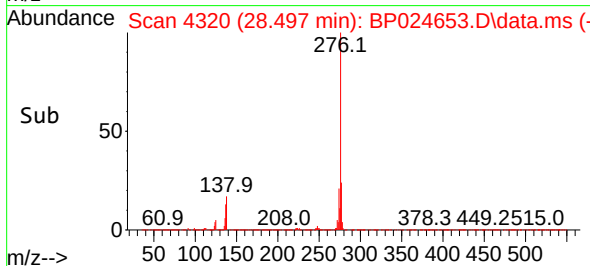
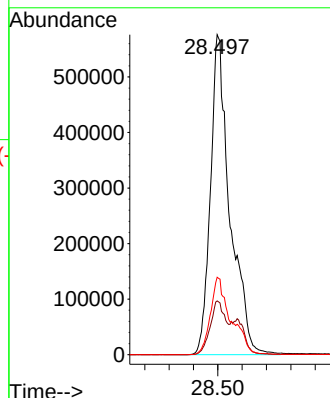
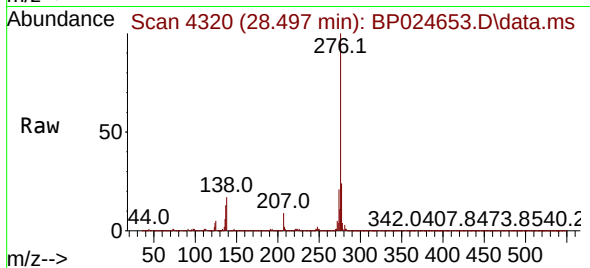
Tgt Ion:276 Resp: 3193126

Ion Ratio Lower Upper

276 100

138 13.1 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 48.339 ng

RT: 23.762 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

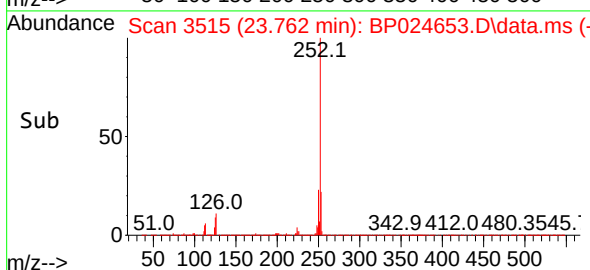
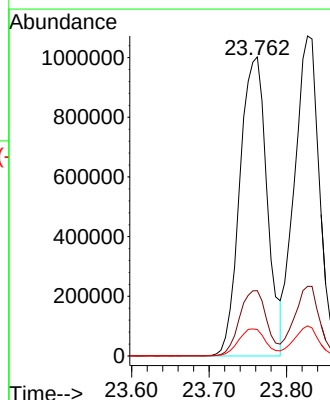
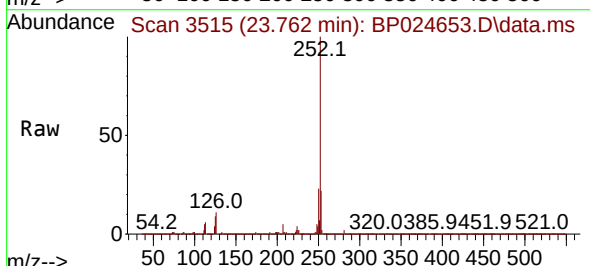
Tgt Ion:252 Resp: 2448017

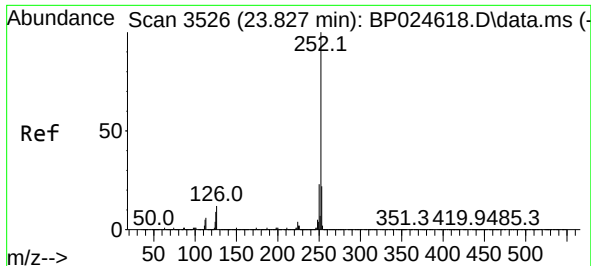
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 7.5 11.3

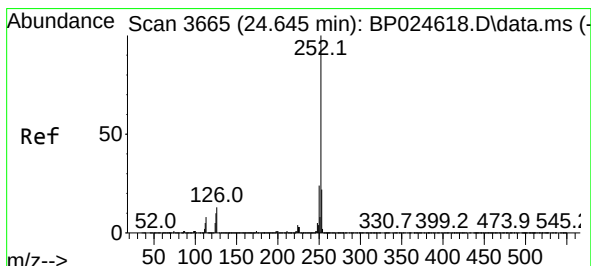
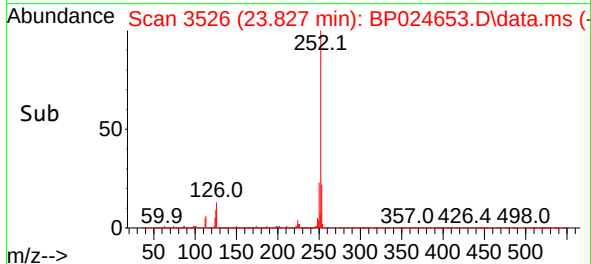
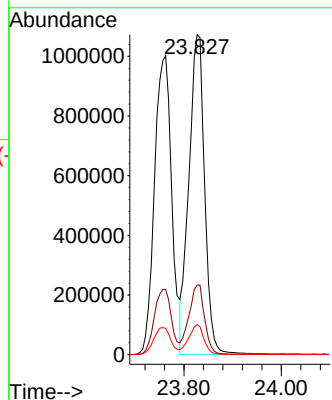
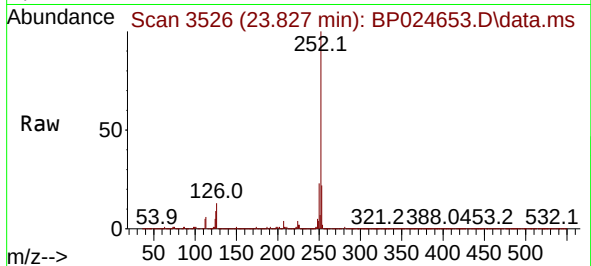




#89
Benzo(k)fluoranthene
Concen: 46.191 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

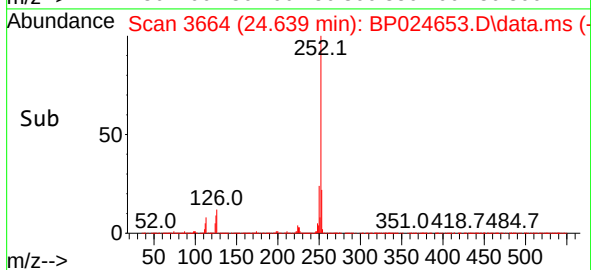
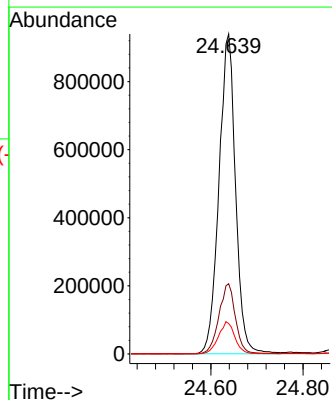
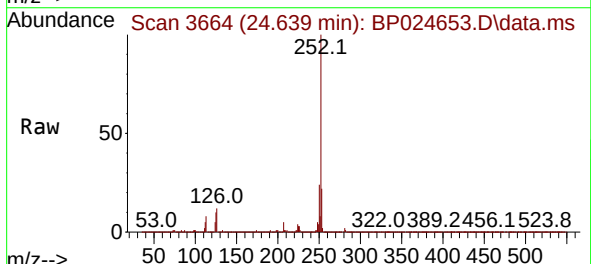
Instrument :
BNA_P
ClientSampleId :
PB168019BS

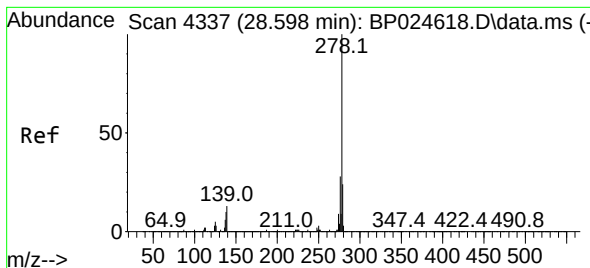
Tgt Ion:252 Resp: 2410456
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 47.997 ng
RT: 24.639 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP024653.D
Acq: 16 May 2025 12:11

Tgt Ion:252 Resp: 2334492
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 49.779 ng

RT: 28.580 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Instrument :

BNA_P

ClientSampleId :

PB168019BS

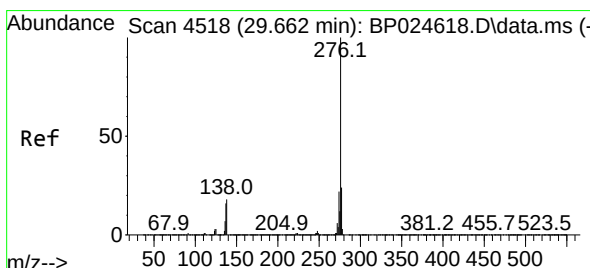
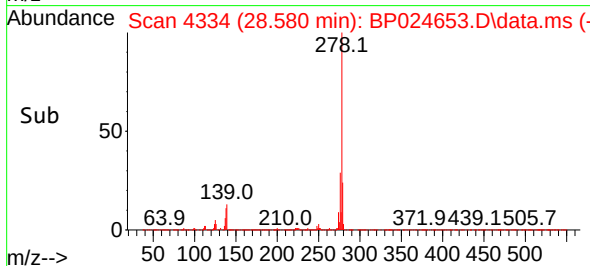
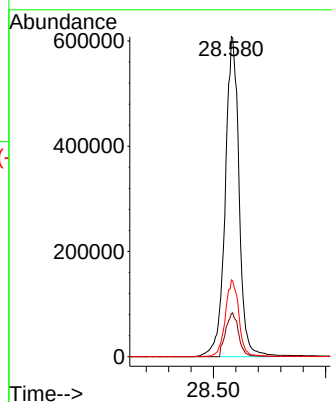
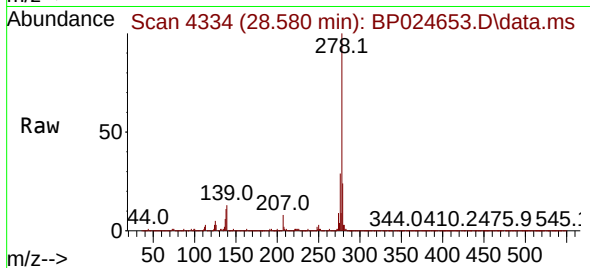
Tgt Ion:278 Resp: 2615854

Ion Ratio Lower Upper

278 100

139 13.5 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.809 ng

RT: 29.668 min Scan# 4519

Delta R.T. 0.006 min

Lab File: BP024653.D

Acq: 16 May 2025 12:11

Tgt Ion:276 Resp: 2602903

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 17.5 14.4 21.6

