

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024739.D
 Acq On : 21 May 2025 16:09
 Operator : RC/JU
 Sample : PB168095BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168095BS

Quant Time: May 21 16:30:47 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	7.652	152	131263	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	507114	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	323292	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	610169	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	717958	20.000	ng	0.00
86) Perylene-d12	24.780	264	839311	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	965182	125.764	ng	0.00
7) Phenol-d6	6.858	99	1137106	116.093	ng	0.00
23) Nitrobenzene-d5	8.805	82	699190	69.664	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	787700	143.722	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1874636	75.969	ng	-0.01
79) Terphenyl-d14	19.804	244	3387954	80.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	110320	30.613	ng	97
3) Pyridine	3.617	79	262732	32.879	ng	95
4) n-Nitrosodimethylamine	3.529	42	143737	40.745	ng	# 88
6) Aniline	6.993	93	295742	23.386	ng	99
8) 2-Chlorophenol	7.234	128	389118	44.663	ng	97
9) Benzaldehyde	6.811	77	209277	33.006	ng	98
10) Phenol	6.881	94	407641	40.323	ng	96
11) bis(2-Chloroethyl)ether	7.087	93	315913	38.030	ng	99
12) 1,3-Dichlorobenzene	7.546	146	410772	40.981	ng	98
13) 1,4-Dichlorobenzene	7.687	146	421630	41.823	ng	99
14) 1,2-Dichlorobenzene	7.999	146	399363	40.654	ng	99
15) Benzyl Alcohol	7.899	79	294271	39.535	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	345225	34.702	ng	98
17) 2-Methylphenol	8.111	107	289936	39.987	ng	98
18) Hexachloroethane	8.717	117	157212	40.694	ng	98
19) n-Nitroso-di-n-propyla...	8.458	70	235766	34.797	ng	95
20) 3+4-Methylphenols	8.440	107	395800	40.129	ng	99
22) Acetophenone	8.469	105	527509	41.643	ng	99
24) Nitrobenzene	8.846	77	353263	39.996	ng	95
25) Isophorone	9.364	82	639758	36.747	ng	97
26) 2-Nitrophenol	9.546	139	208499	48.175	ng	97
27) 2,4-Dimethylphenol	9.622	122	337320	44.206	ng	98
28) bis(2-Chloroethoxy)met...	9.840	93	416471	40.040	ng	98
29) 2,4-Dichlorophenol	10.099	162	339875	45.963	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	372619	44.717	ng	97
31) Naphthalene	10.469	128	1105720	42.076	ng	100
32) Benzoic acid	9.805	122	215476	41.720	ng	94
33) 4-Chloroaniline	10.599	127	183013	17.258	ng	98
34) Hexachlorobutadiene	10.752	225	251681	46.624	ng	97
35) Caprolactam	11.393	113	111155	41.548	ng	98
36) 4-Chloro-3-methylphenol	11.734	107	394581	43.757	ng	99
37) 2-Methylnaphthalene	12.081	142	727486	42.753	ng	97
38) 1-Methylnaphthalene	12.305	142	761870	41.846	ng	100
40) 1,2,4,5-Tetrachloroben...	12.458	216	433678	46.195	ng	99
41) Hexachlorocyclopentadiene	12.434	237	597042	104.881	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	294212	48.384	ng	99

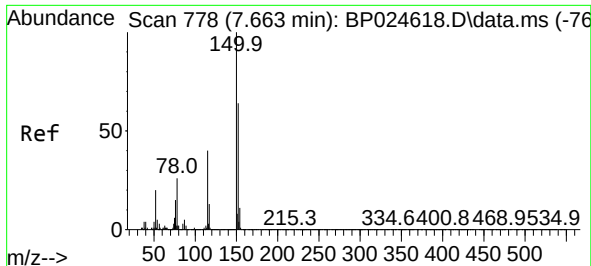
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
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 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	323501	47.794	ng	98
46) 1,1'-Biphenyl	13.105	154	1055344	44.166	ng	99
47) 2-Chloronaphthalene	13.146	162	800541	43.939	ng	99
48) 2-Nitroaniline	13.363	65	233432	43.276	ng	94
49) Acenaphthylene	13.999	152	1285084	42.149	ng	99
50) Dimethylphthalate	13.740	163	1036305	42.055	ng	99
51) 2,6-Dinitrotoluene	13.863	165	226632	43.548	ng	95
52) Acenaphthene	14.346	154	750344	42.809	ng	99
53) 3-Nitroaniline	14.210	138	123077	23.162	ng	95
54) 2,4-Dinitrophenol	14.416	184	269469	81.945	ng	98
55) Dibenzofuran	14.687	168	1204737	43.091	ng	98
56) 4-Nitrophenol	14.557	139	373188	81.061	ng	97
57) 2,4-Dinitrotoluene	14.663	165	339037	46.210	ng	98
58) Fluorene	15.346	166	988457	43.359	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	294256	46.864	ng	96
60) Diethylphthalate	15.122	149	1084714	43.553	ng	98
61) 4-Chlorophenyl-phenyle...	15.340	204	503437	44.282	ng	98
62) 4-Nitroaniline	15.387	138	206262	40.200	ng	97
63) Azobenzene	15.640	77	857948	40.268	ng	94
65) 4,6-Dinitro-2-methylph...	15.446	198	182840	46.391	ng	98
66) n-Nitrosodiphenylamine	15.563	169	863879	46.093	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	354483	49.303	ng	96
68) Hexachlorobenzene	16.375	284	443741	48.570	ng	94
69) Atrazine	16.546	200	327372	47.663	ng	99
70) Pentachlorophenol	16.734	266	565169	110.201	ng	98
71) Phenanthrene	17.122	178	1491730	43.978	ng	100
72) Anthracene	17.216	178	1532702	44.911	ng	100
73) Carbazole	17.504	167	1395438	45.176	ng	100
74) Di-n-butylphthalate	18.087	149	1879200	47.305	ng	100
75) Fluoranthene	19.210	202	1856015	46.809	ng	98
77) Benzidine	19.410	184	773167	39.540	ng	99
78) Pyrene	19.587	202	1888163	43.892	ng	100
80) Butylbenzylphthalate	20.539	149	891758	46.611	ng	94
81) Benzo(a)anthracene	21.492	228	2014036	44.675	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	550613	32.884	ng	100
83) Chrysene	21.563	228	1886331	44.140	ng	100
84) Bis(2-ethylhexyl)phtha...	21.428	149	1312376	46.669	ng	99
85) Di-n-octyl phthalate	22.675	149	2208309	48.022	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2788355	45.506	ng	# 88
88) Benzo(b)fluoranthene	23.757	252	2155576	44.870	ng	99
89) Benzo(k)fluoranthene	23.822	252	2228869	45.025	ng	99
90) Benzo(a)pyrene	24.633	252	2097566	45.462	ng	98
91) Dibenzo(a,h)anthracene	28.563	278	2306937	46.279	ng	98
92) Benzo(g,h,i)perylene	29.651	276	2222348	44.831	ng	97

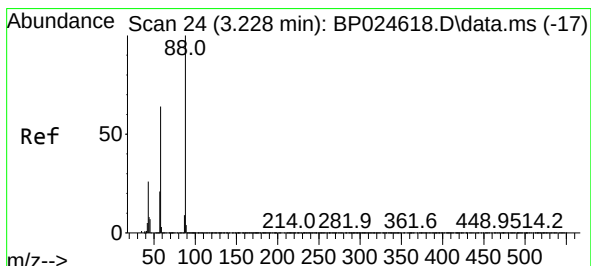
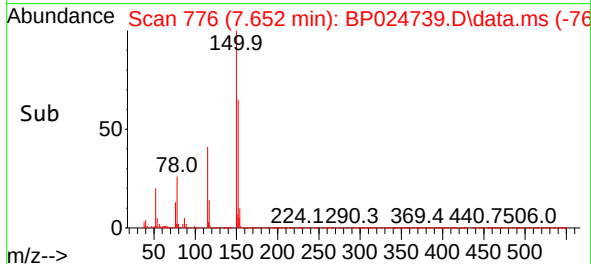
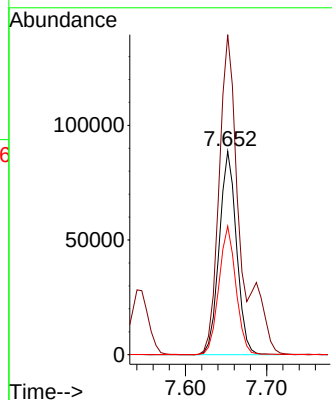
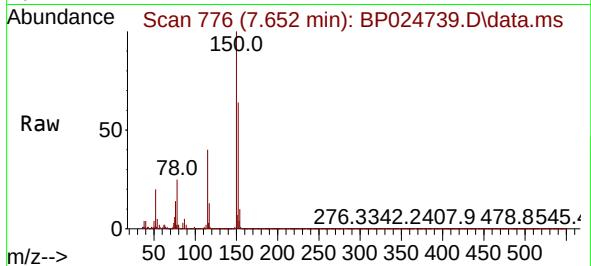
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

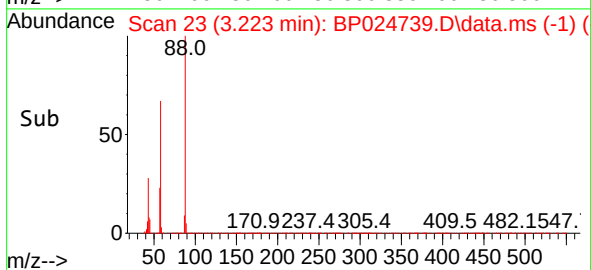
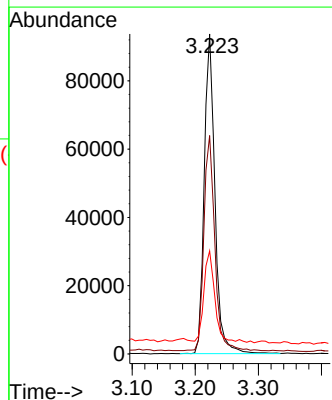
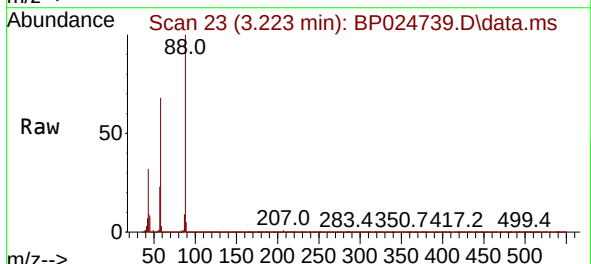
Instrument :
BNA_P
ClientSampleId :
PB168095BS

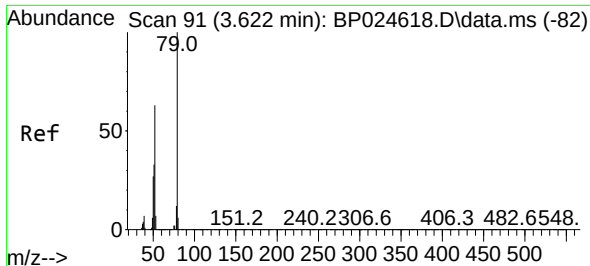
Tgt Ion:152 Resp: 131263
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 63.2 50.1 75.1



#2
1,4-Dioxane
Concen: 30.613 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 88 Resp: 110320
Ion Ratio Lower Upper
88 100
58 68.6 54.0 81.0
43 29.8 21.4 32.0

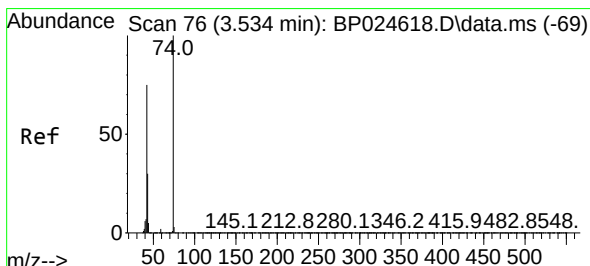
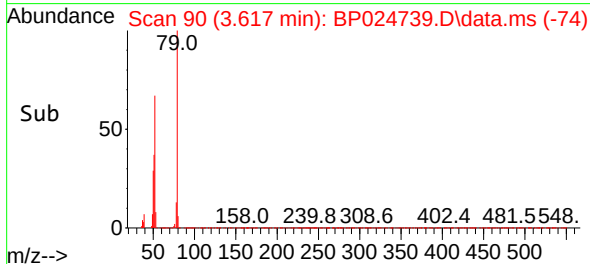
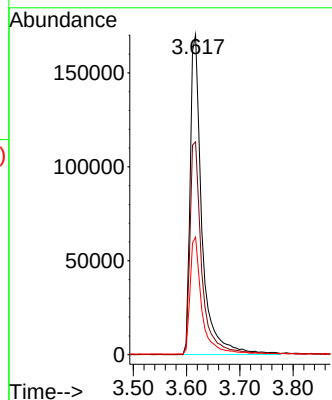
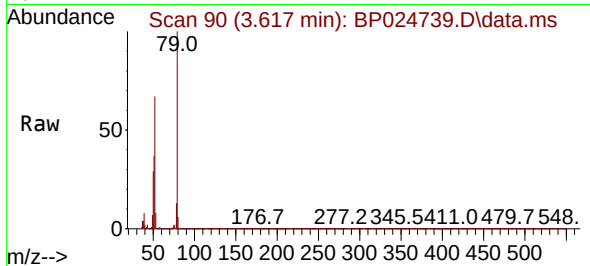




#3
Pyridine
Concen: 32.879 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

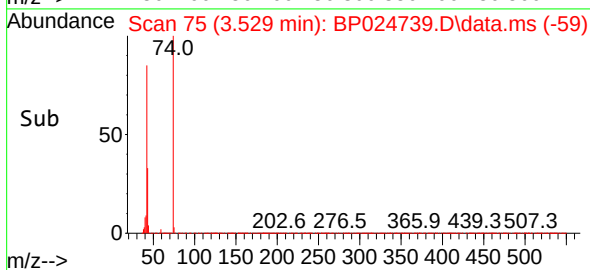
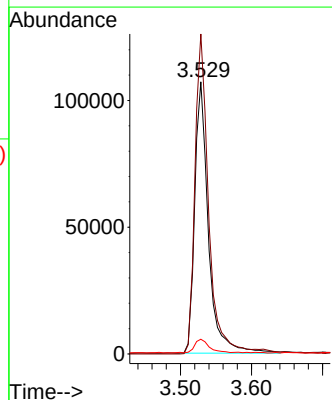
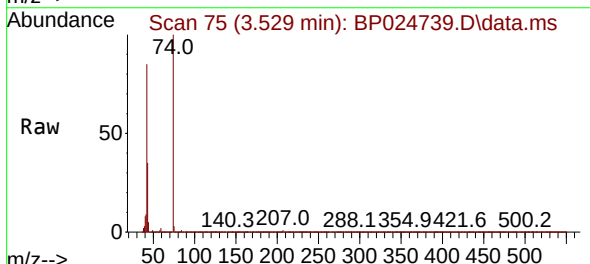
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BNA_P
ClientSampleId :
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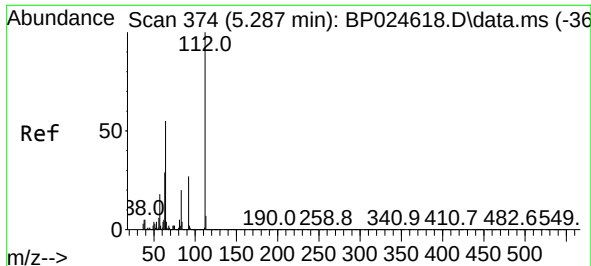
Tgt Ion: 79 Resp: 262732
Ion Ratio Lower Upper
79 100
52 66.5 50.2 75.2
51 36.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.745 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 42 Resp: 143737
Ion Ratio Lower Upper
42 100
74 117.5 106.2 159.2
44 5.4 5.4 8.2

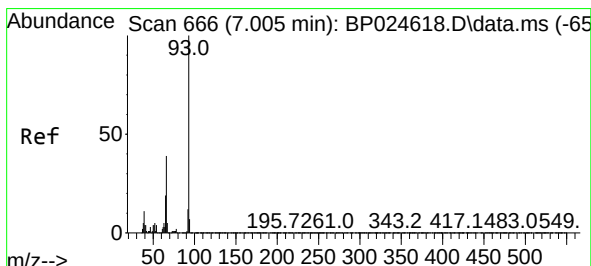
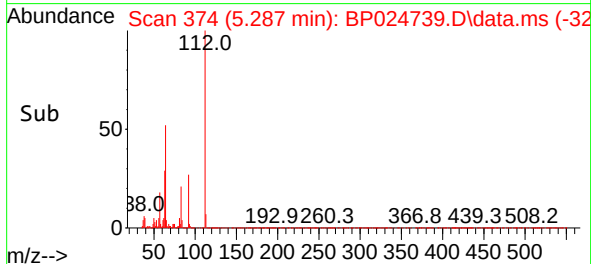
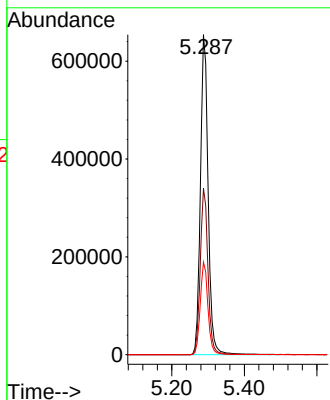
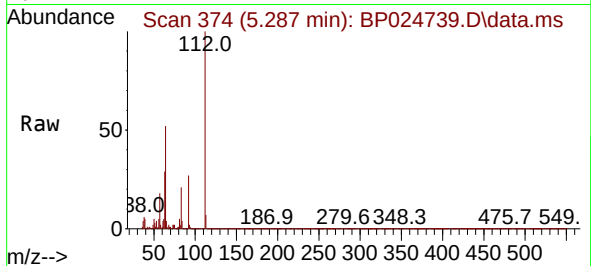




#5
2-Fluorophenol
Concen: 125.764 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

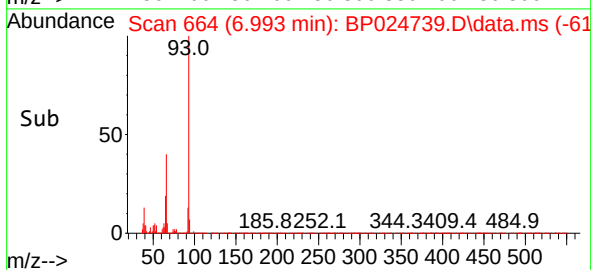
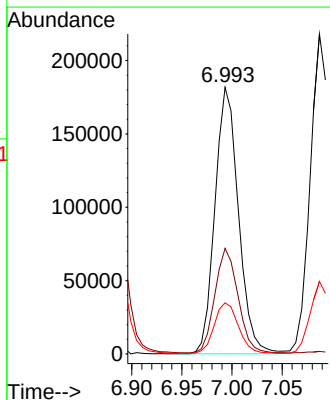
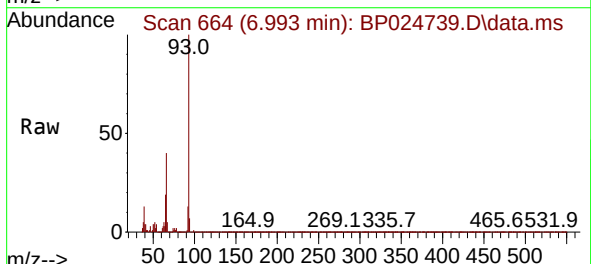
Instrument :
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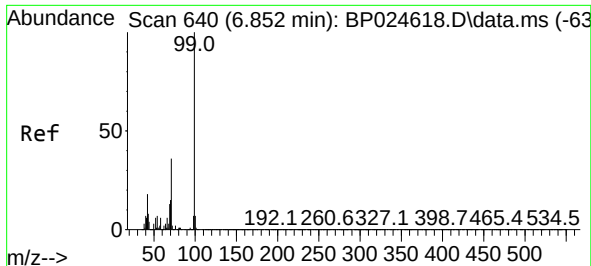
Tgt Ion:112 Resp: 965182
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.9 23.5 35.3



#6
Aniline
Concen: 23.386 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 93 Resp: 295742
Ion Ratio Lower Upper
93 100
66 39.6 31.0 46.6
65 19.2 15.5 23.3



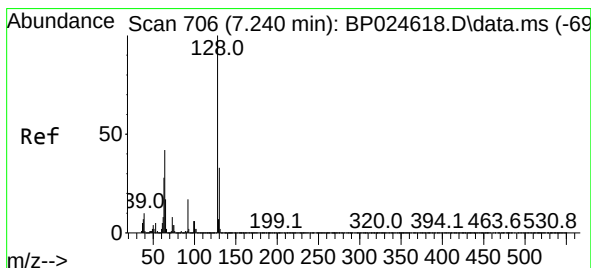
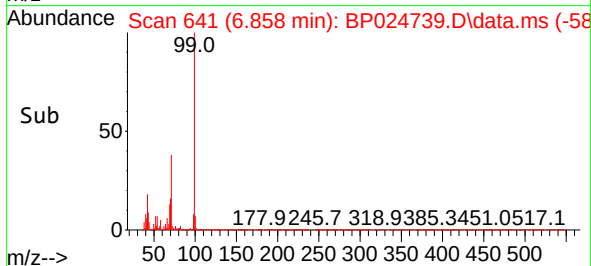
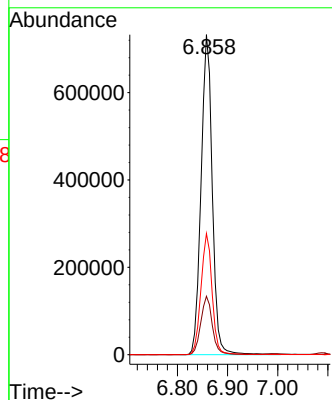
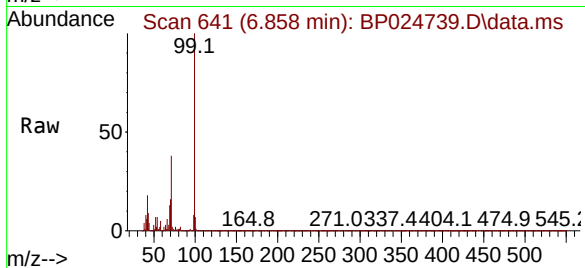


#7
Phenol-d6
Concen: 116.093 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Instrument :
BNA_P
ClientSampleId :
PB168095BS

Tgt Ion: 99 Resp: 1137106

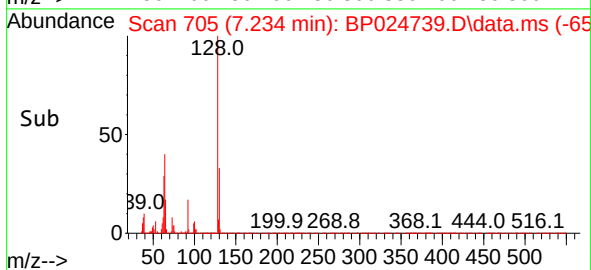
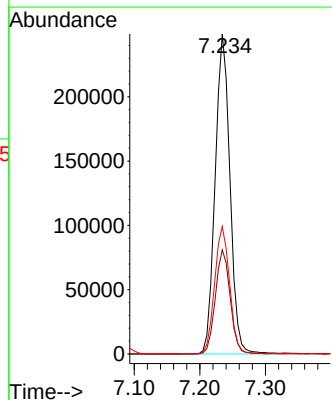
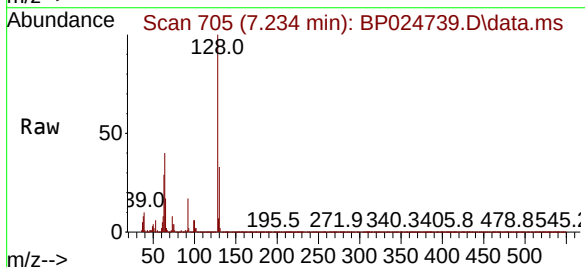
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.4	21.6
71	37.9	29.2	43.8

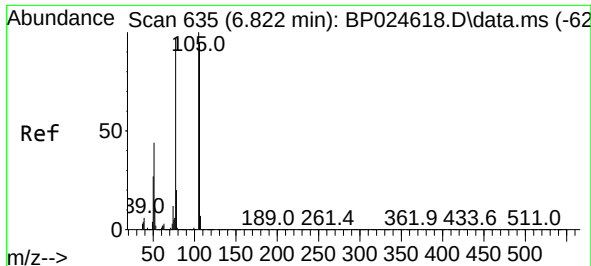


#8
2-Chlorophenol
Concen: 44.663 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 128 Resp: 389118

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	39.8	22.3	62.3

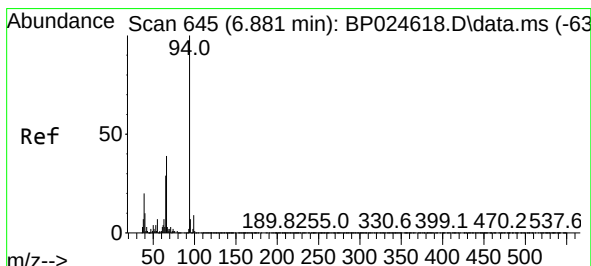
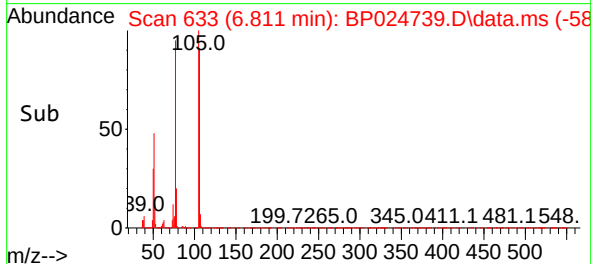
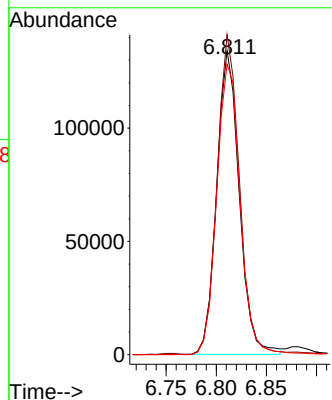
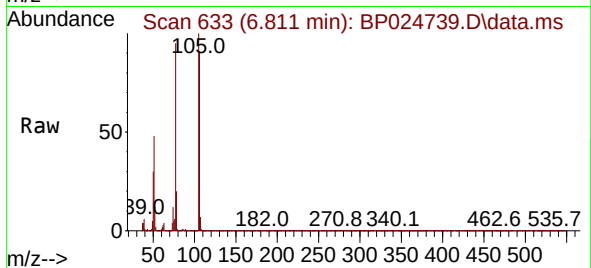




#9
Benzaldehyde
Concen: 33.006 ng
RT: 6.811 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

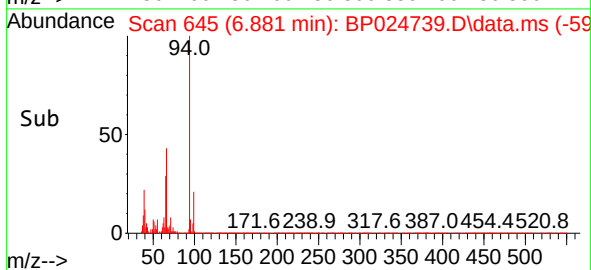
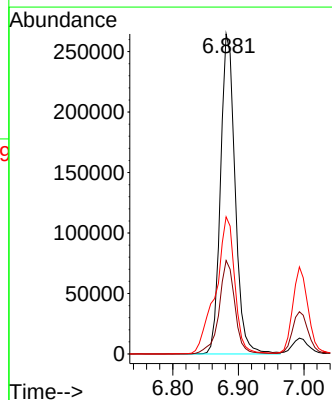
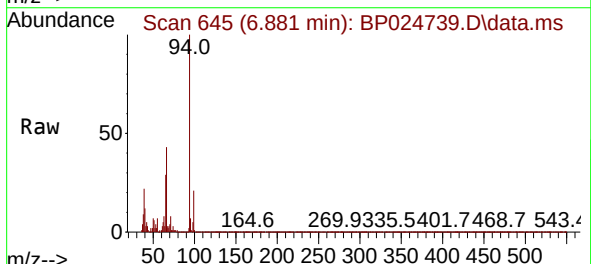
Instrument :
BNA_P
ClientSampleId :
PB168095BS

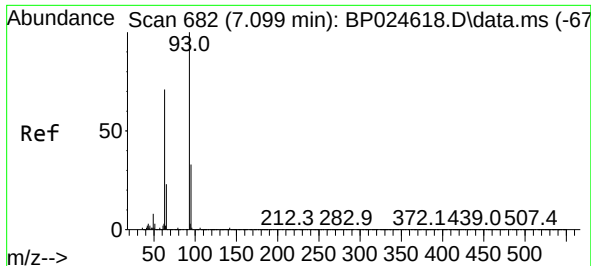
Tgt Ion: 77 Resp: 209277
Ion Ratio Lower Upper
77 100
105 105.2 83.3 123.3
106 95.6 78.0 118.0



#10
Phenol
Concen: 40.323 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 94 Resp: 407641
Ion Ratio Lower Upper
94 100
65 29.2 8.7 48.7
66 42.8 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 38.030 ng

RT: 7.087 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

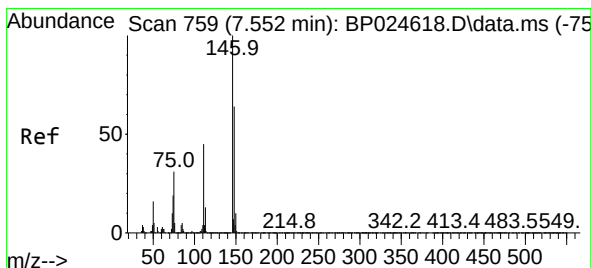
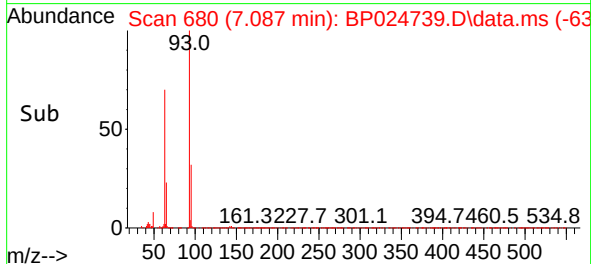
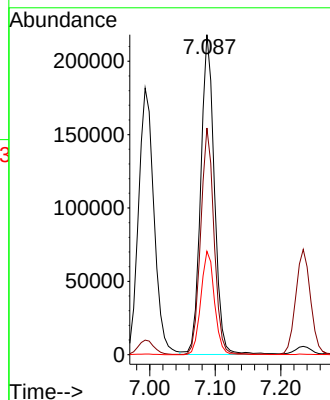
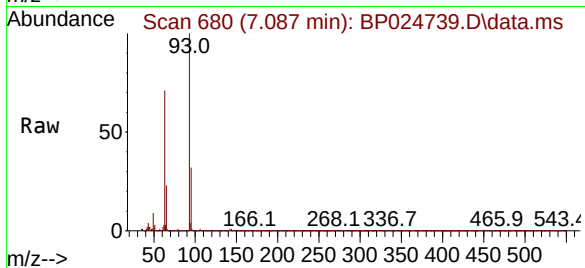
Tgt Ion: 93 Resp: 315913

Ion Ratio Lower Upper

93 100

63 70.8 50.6 90.6

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 40.981 ng

RT: 7.546 min Scan# 758

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

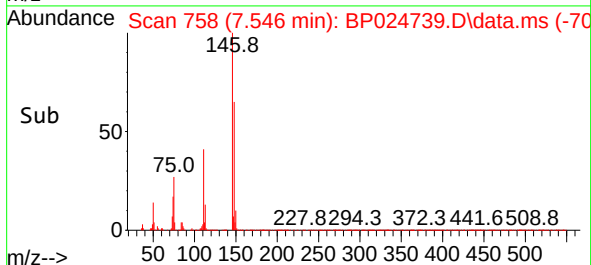
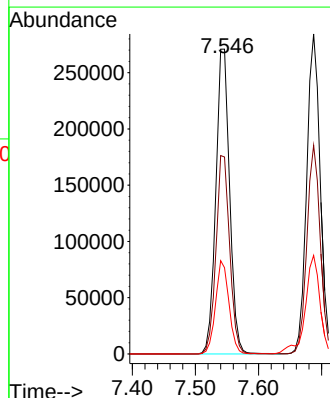
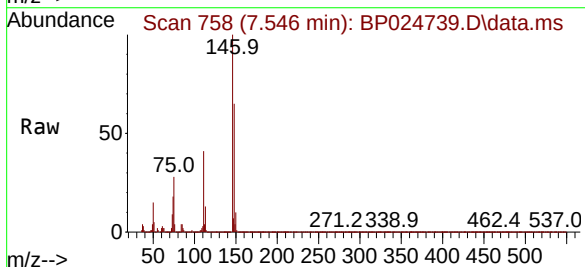
Tgt Ion: 146 Resp: 410772

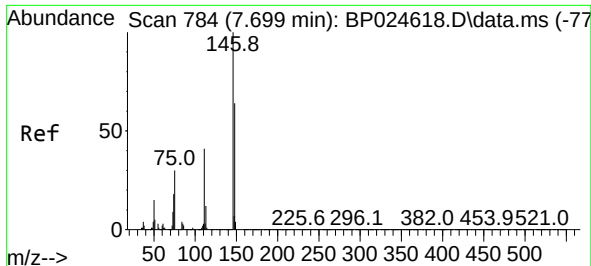
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 28.3 25.2 37.8

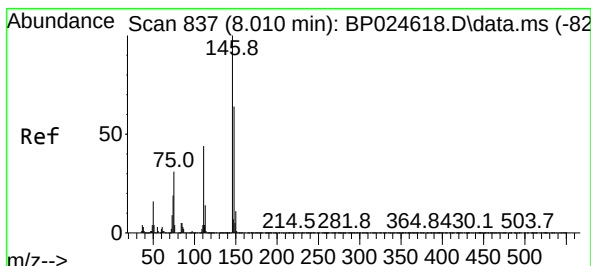
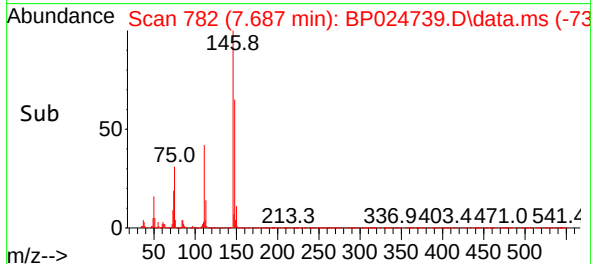
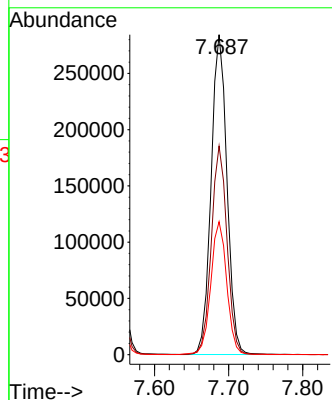
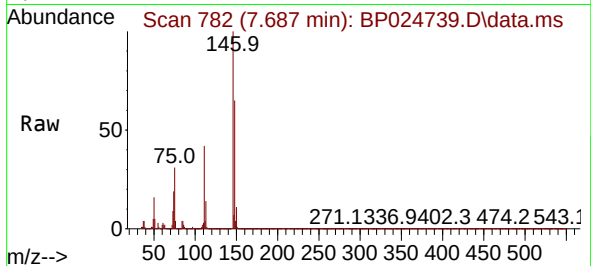




#13
1,4-Dichlorobenzene
Concen: 41.823 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

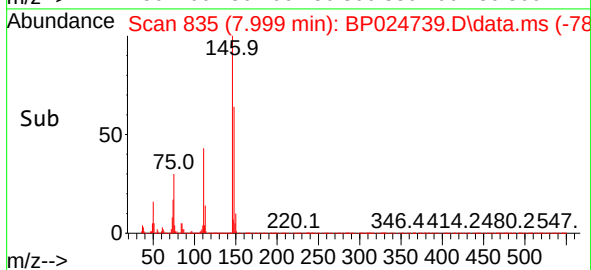
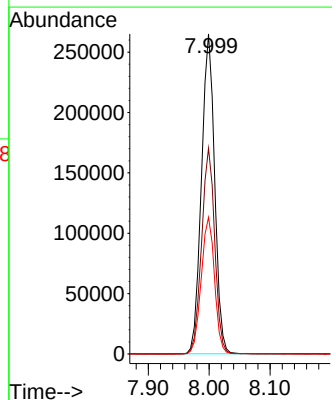
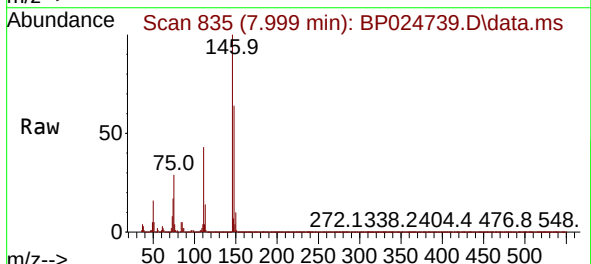
Instrument :
BNA_P
ClientSampleId :
PB168095BS

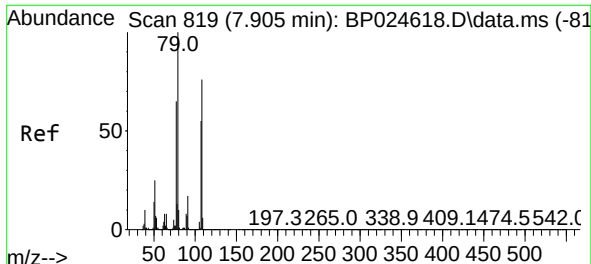
Tgt Ion:146 Resp: 421630
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
111 41.6 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.654 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:146 Resp: 399363
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 42.7 35.2 52.8

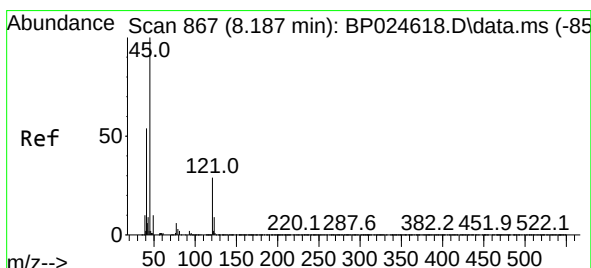
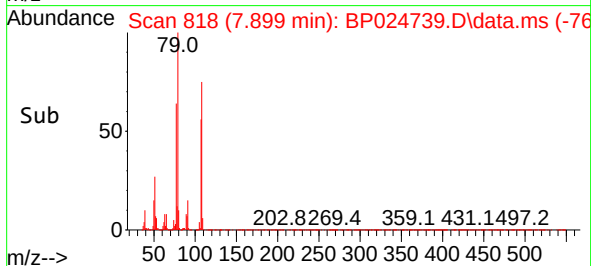
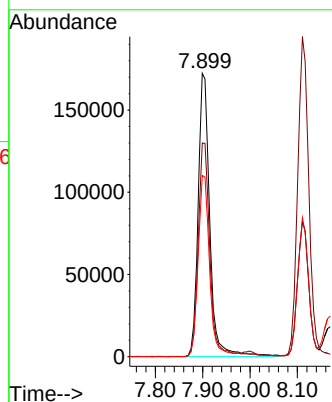
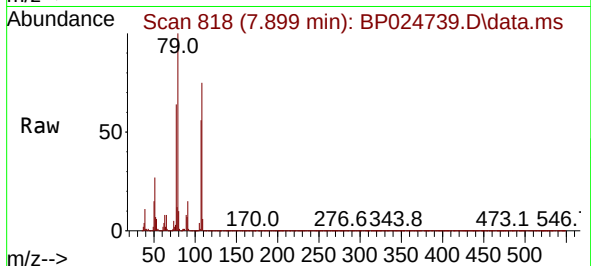




#15
Benzyl Alcohol
Concen: 39.535 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

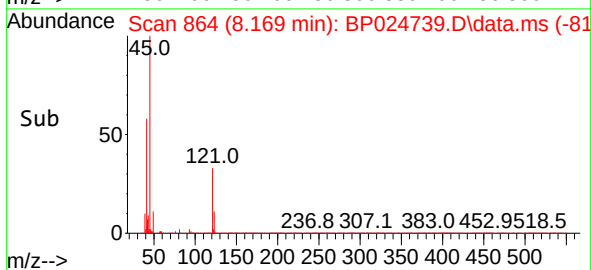
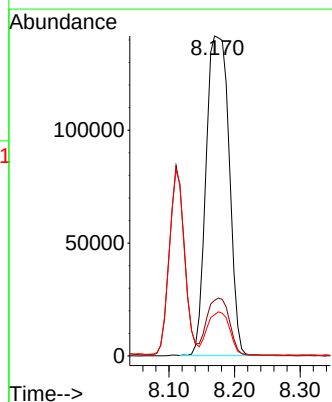
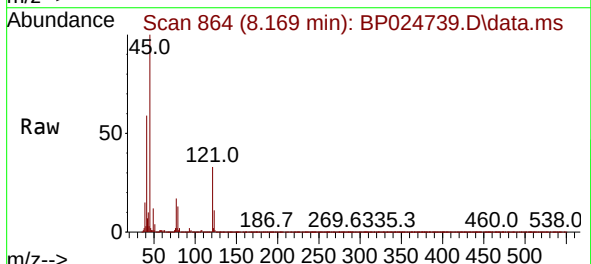
Instrument :
BNA_P
ClientSampleId :
PB168095BS

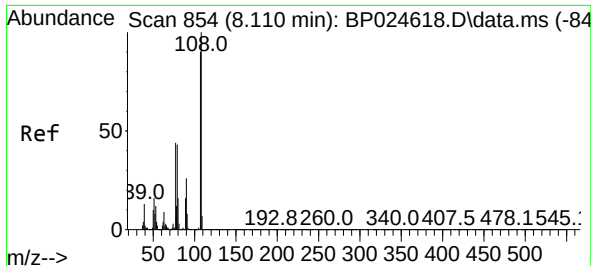
Tgt Ion: 79 Resp: 294271
Ion Ratio Lower Upper
79 100
108 75.4 60.8 91.2
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.702 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

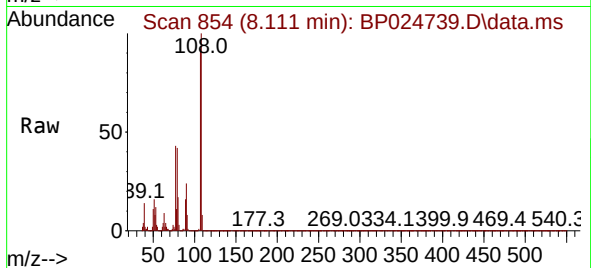
Tgt Ion: 45 Resp: 345225
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 12.9 0.0 34.0



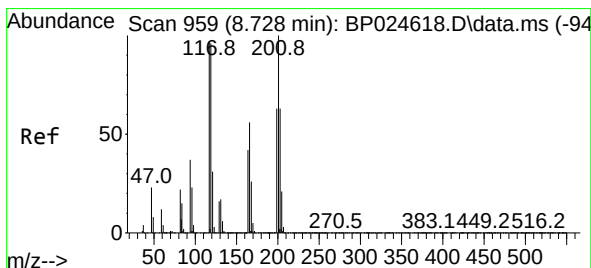
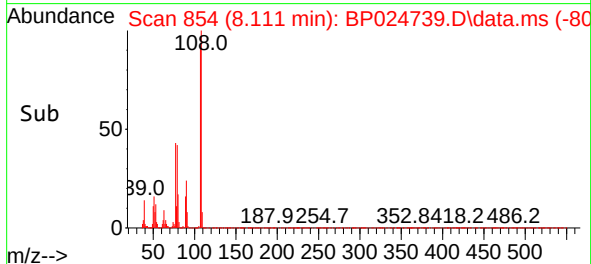
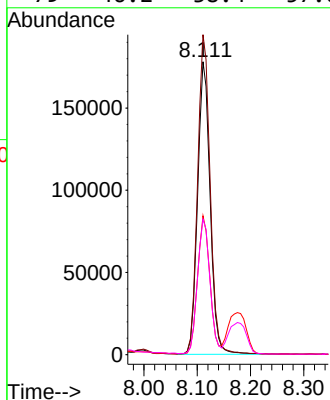


#17
2-Methylphenol
Concen: 39.987 ng
RT: 8.111 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Instrument :
BNA_P
ClientSampleId :
PB168095BS

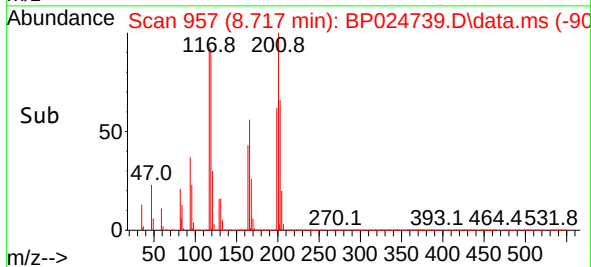
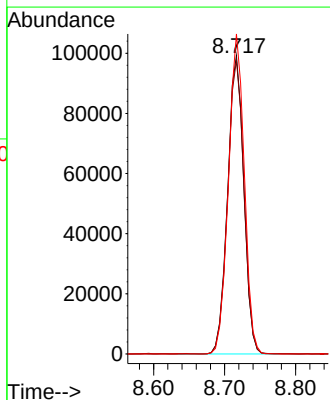
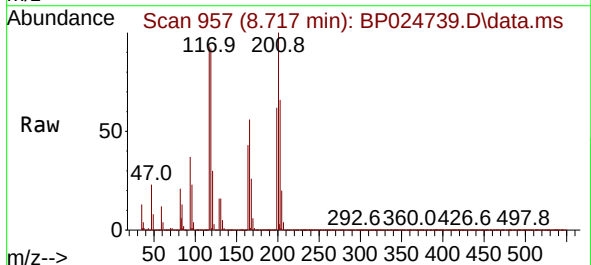


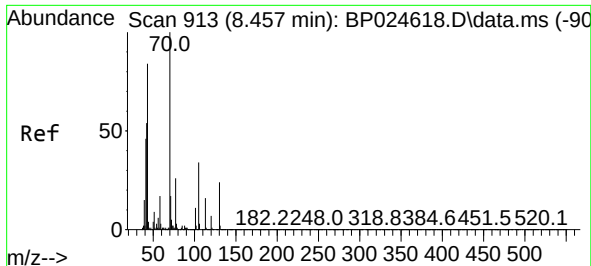
Tgt Ion:	107	Resp:	289936
Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.9	133.3
77	47.4	39.0	58.6
79	46.2	38.4	57.6



#18
Hexachloroethane
Concen: 40.694 ng
RT: 8.717 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:	117	Resp:	157212
Ion	Ratio	Lower	Upper
117	100		
119	98.5	79.4	119.0
201	107.2	82.7	124.1

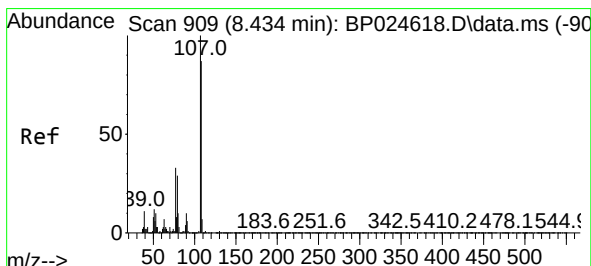
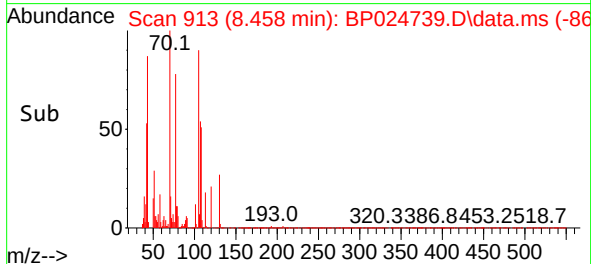
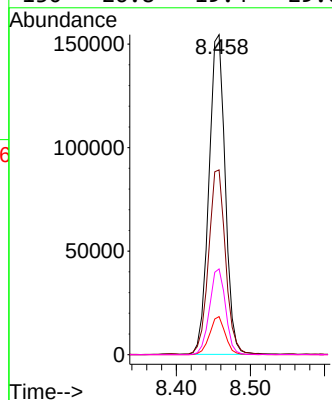
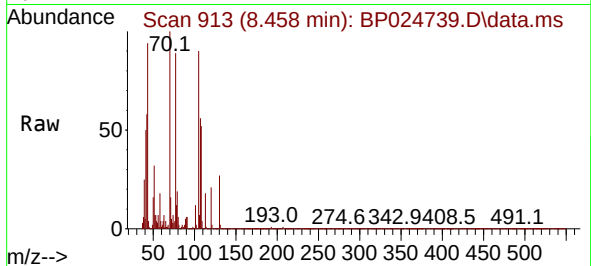




#19
n-Nitroso-di-n-propylamine
Concen: 34.797 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

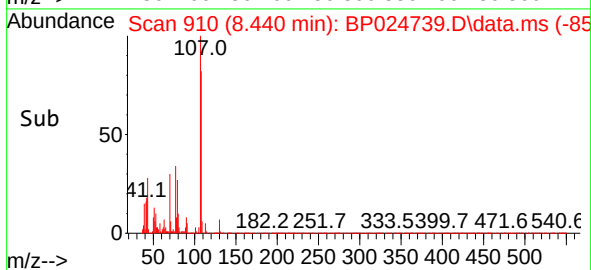
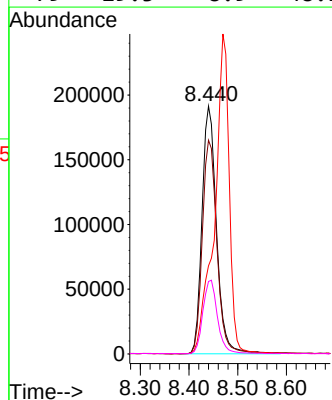
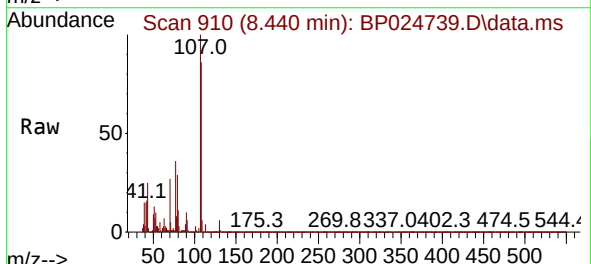
Instrument :
BNA_P
ClientSampleId :
PB168095BS

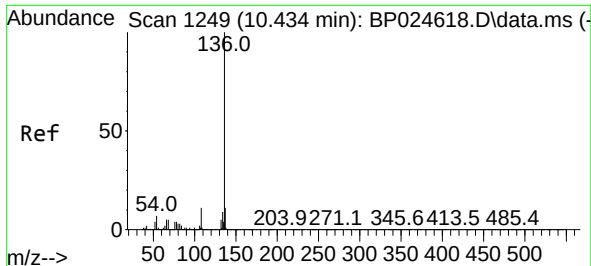
Tgt Ion: 70 Resp: 235766
Ion Ratio Lower Upper
70 100
42 57.8 43.0 64.6
101 11.9 8.7 13.1
130 26.8 19.4 29.0



#20
3+4-Methylphenols
Concen: 40.129 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 107 Resp: 395800
Ion Ratio Lower Upper
107 100
108 86.3 66.7 106.7
77 35.6 13.1 53.1
79 29.3 8.9 48.9

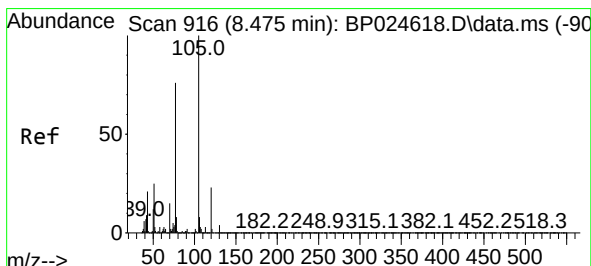
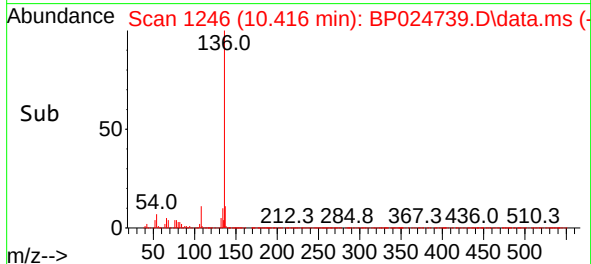
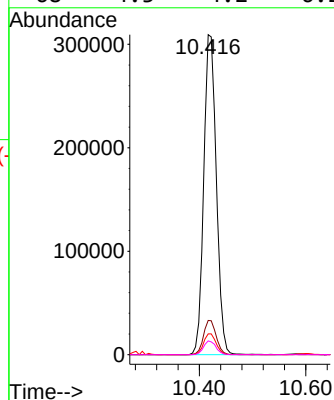
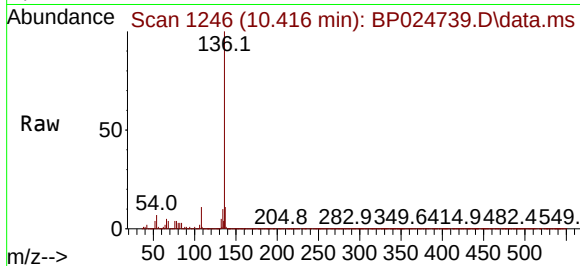




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

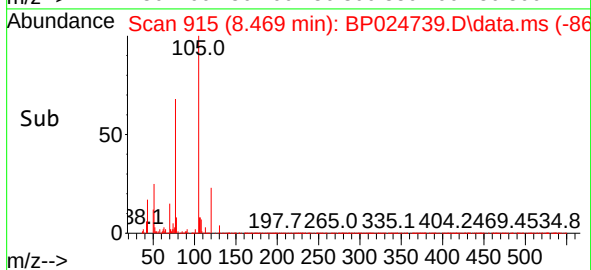
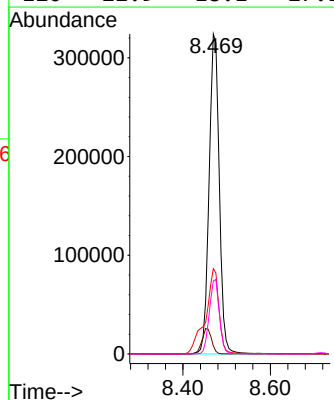
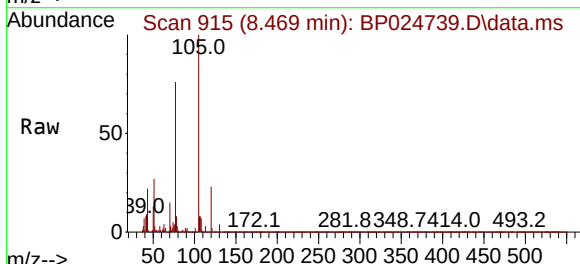
Instrument :
BNA_P
ClientSampleId :
PB168095BS

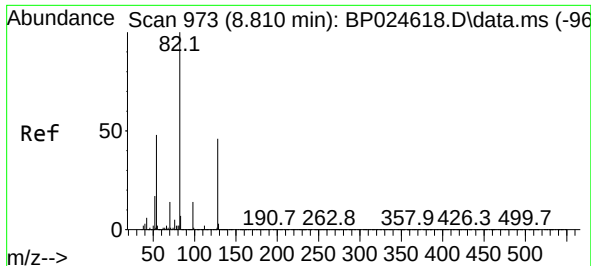
Tgt Ion:	136	Resp:	507114
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.5	8.3
68	4.3	4.2	6.2



#22
Acetophenone
Concen: 41.643 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:	105	Resp:	527509
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	26.7	20.4	30.6
120	22.9	18.1	27.1

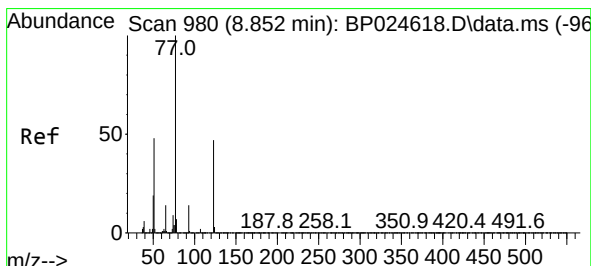
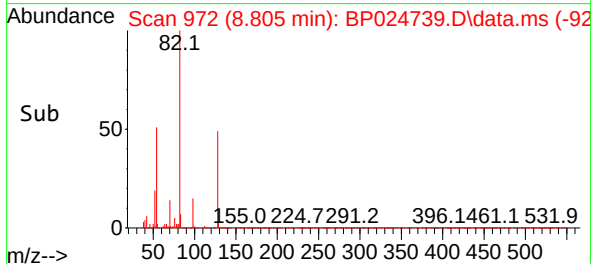
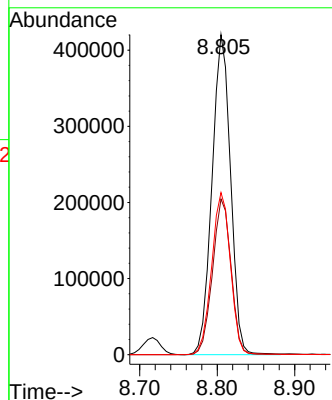
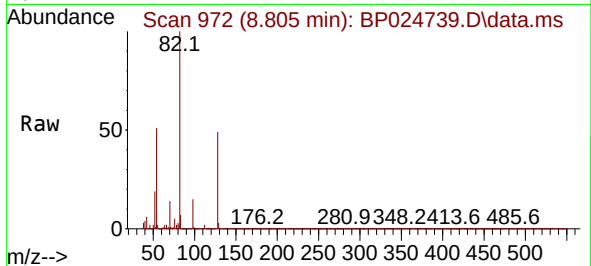




#23
Nitrobenzene-d5
Concen: 69.664 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

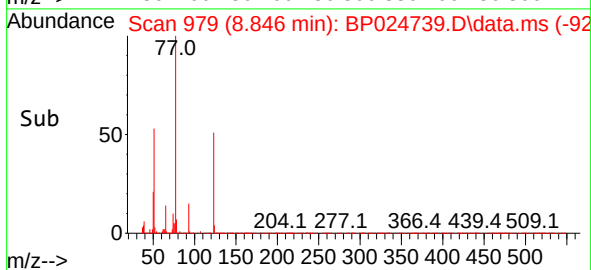
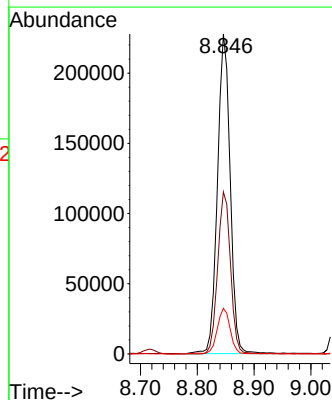
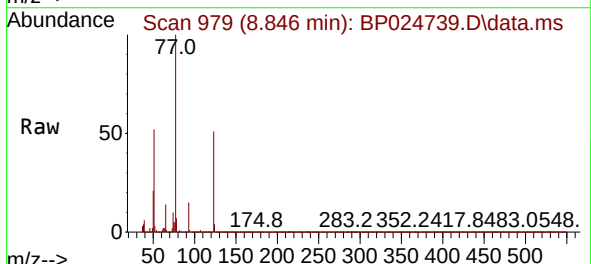
Instrument :
BNA_P
ClientSampleId :
PB168095BS

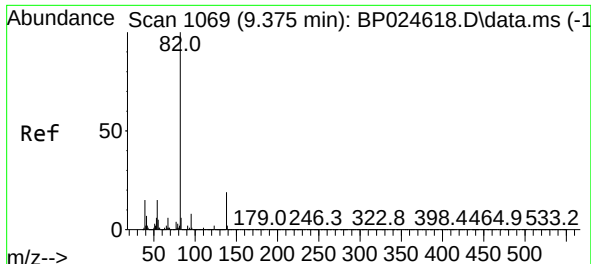
Tgt Ion: 82 Resp: 699190
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 50.7 38.7 58.1



#24
Nitrobenzene
Concen: 39.996 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 77 Resp: 353263
Ion Ratio Lower Upper
77 100
123 50.6 37.4 56.0
65 14.2 11.3 16.9

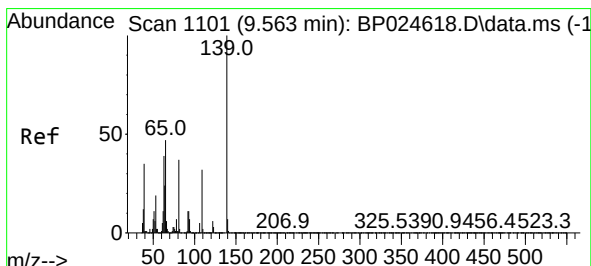
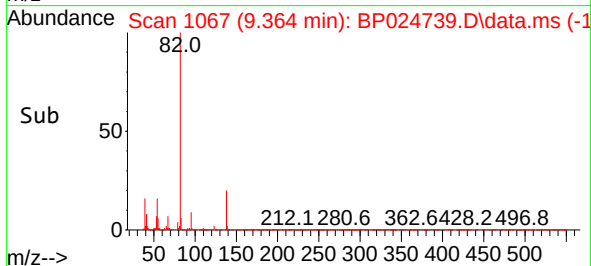
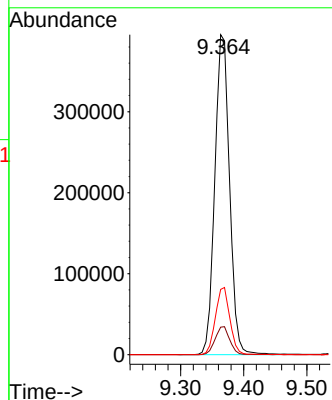
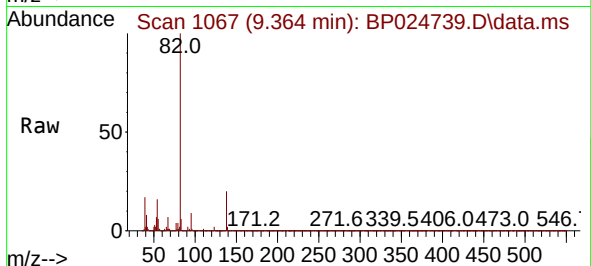




#25
Isophorone
Concen: 36.747 ng
RT: 9.364 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

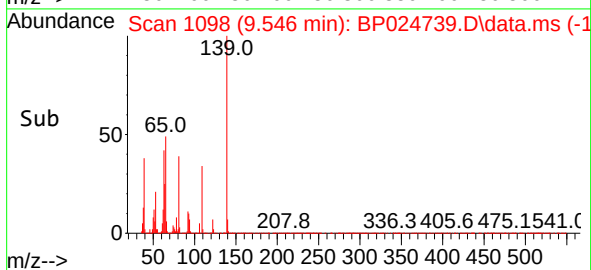
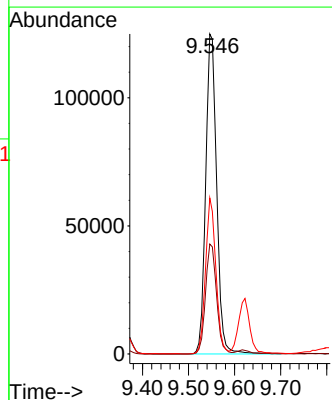
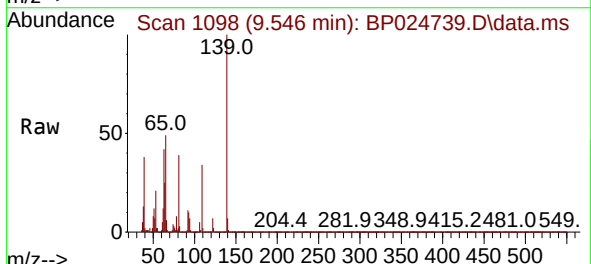
Instrument :
BNA_P
ClientSampleId :
PB168095BS

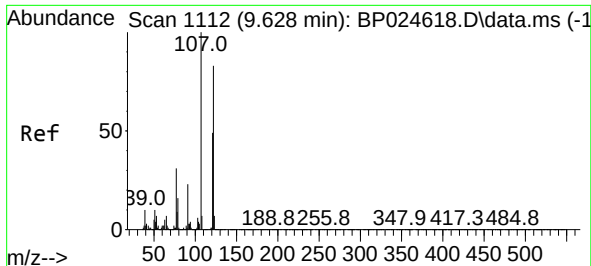
Tgt Ion: 82 Resp: 639758
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 20.4 15.3 22.9



#26
2-Nitrophenol
Concen: 48.175 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 139 Resp: 208499
Ion Ratio Lower Upper
139 100
109 34.3 25.9 38.9
65 48.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.206 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

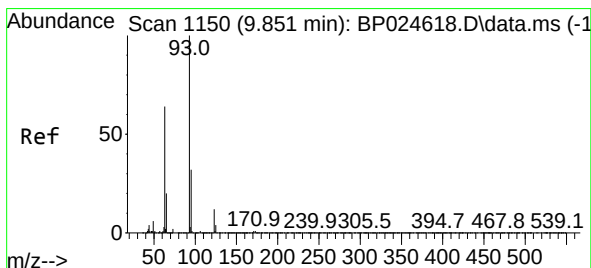
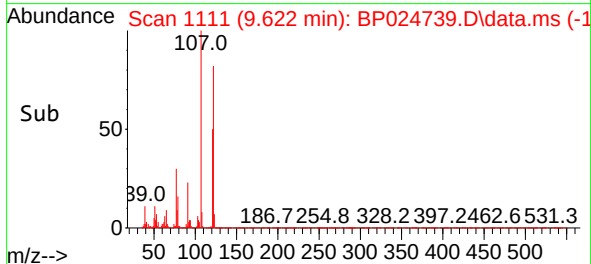
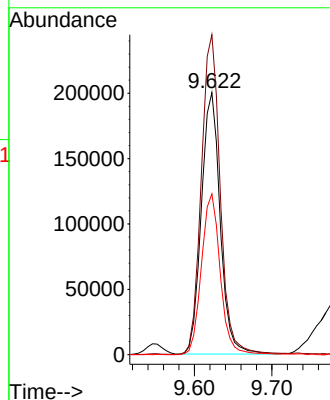
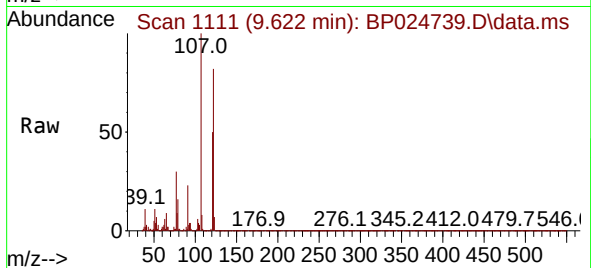
Tgt Ion:122 Resp: 337320

Ion Ratio Lower Upper

122 100

107 122.1 96.2 144.2

121 61.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.040 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

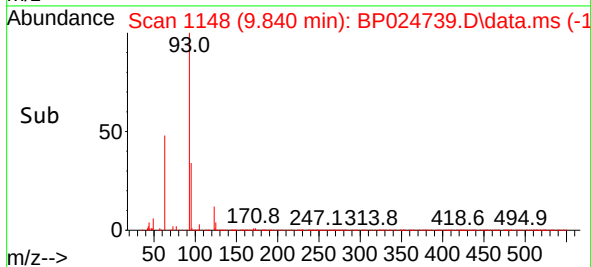
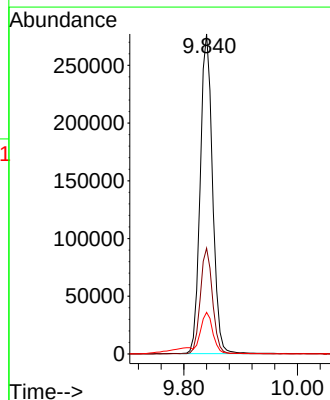
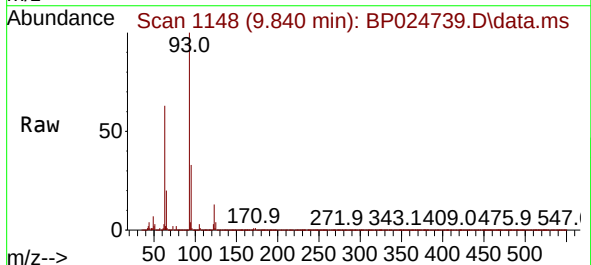
Tgt Ion: 93 Resp: 416471

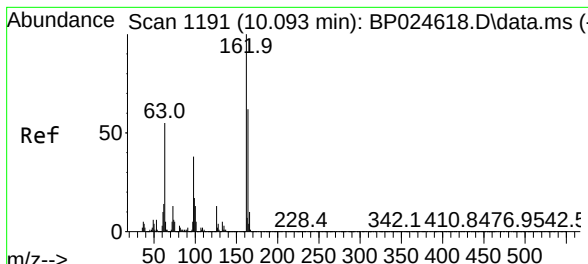
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 13.0 9.7 14.5



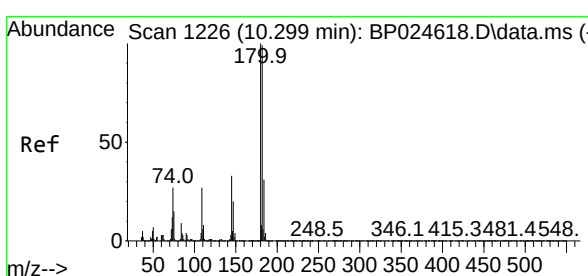
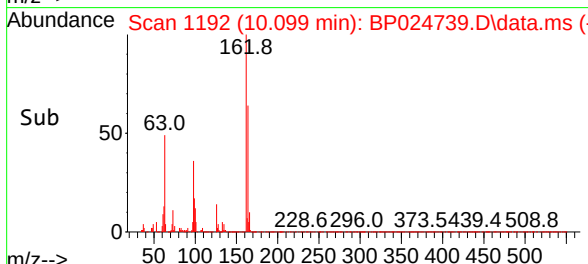
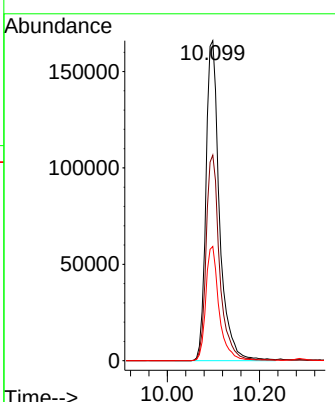
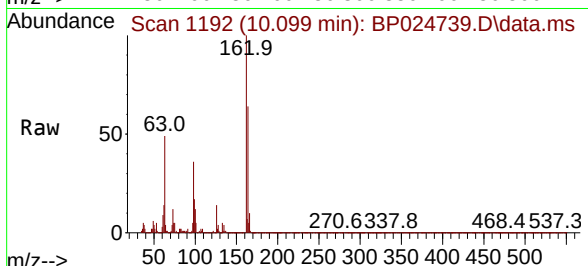


#29
2,4-Dichlorophenol
Concen: 45.963 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Instrument :
BNA_P
ClientSampleId :
PB168095BS

Tgt Ion:162 Resp: 339875

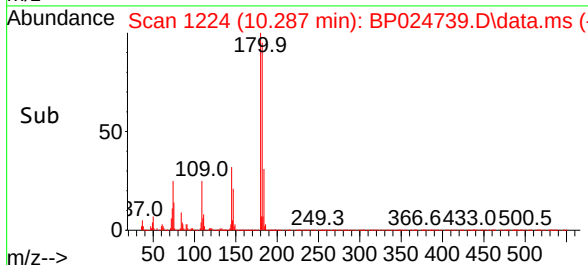
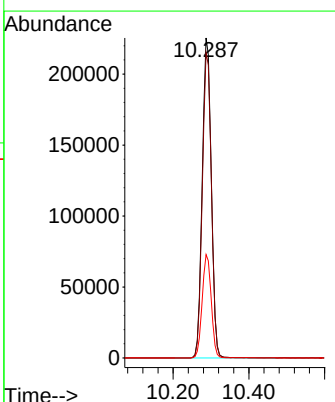
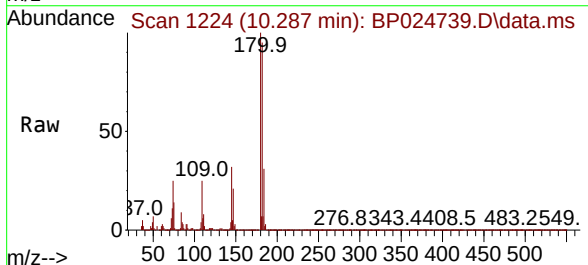
Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.3	82.3
98	35.7	18.4	58.4

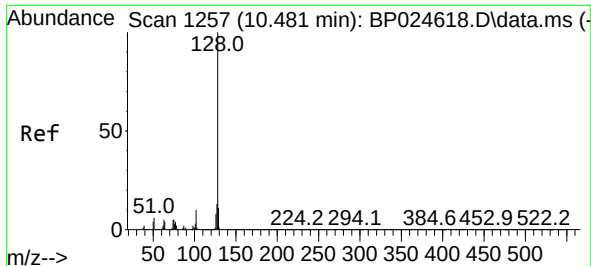


#30
1,2,4-Trichlorobenzene
Concen: 44.717 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:180 Resp: 372619

Ion	Ratio	Lower	Upper
180	100		
182	95.4	79.0	118.4
145	32.3	26.6	39.8

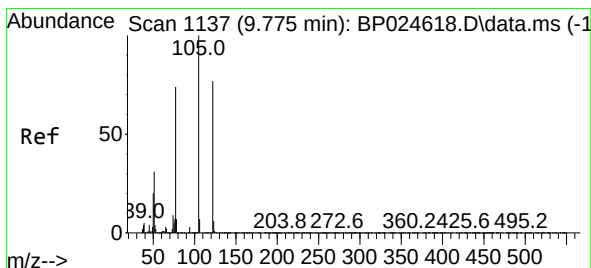
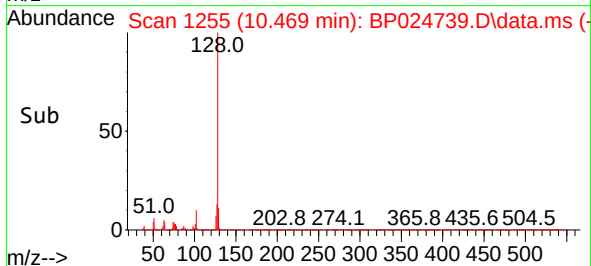
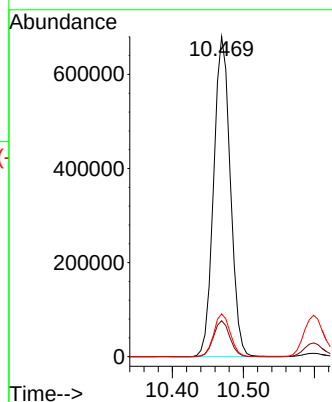
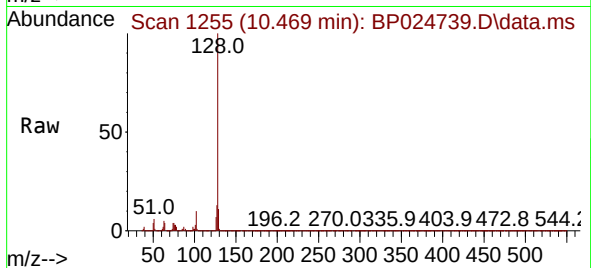




#31
Naphthalene
Concen: 42.076 ng
RT: 10.469 min Scan# 1142
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

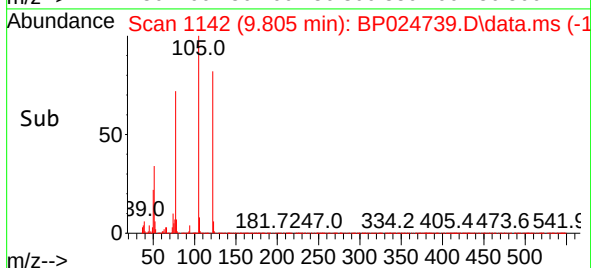
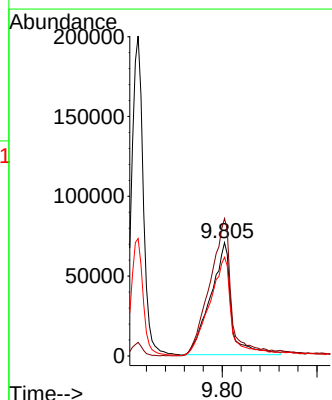
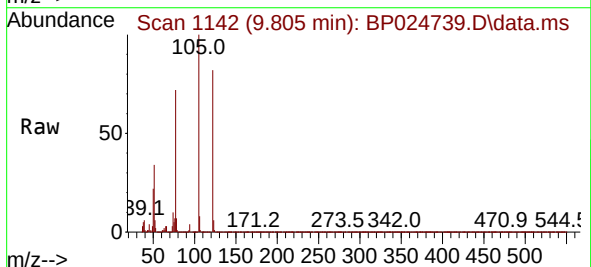
Instrument :
BNA_P
ClientSampleId :
PB168095BS

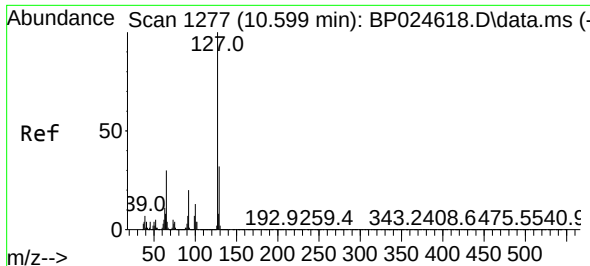
Tgt Ion:128 Resp: 1105720
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 41.720 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.030 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:122 Resp: 215476
Ion Ratio Lower Upper
122 100
105 121.4 106.9 146.9
77 87.2 75.1 115.1

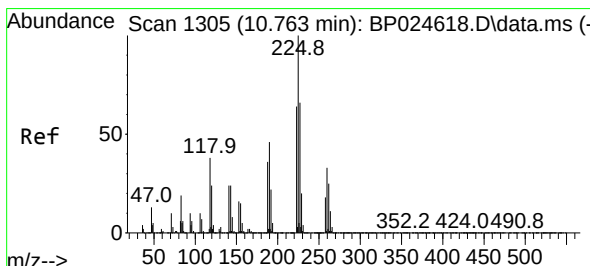
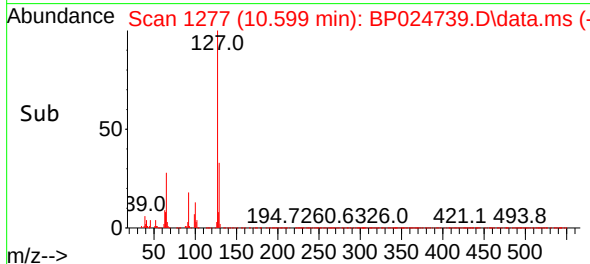
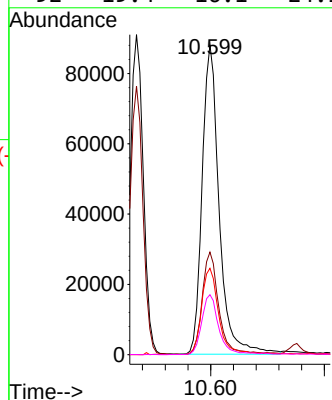
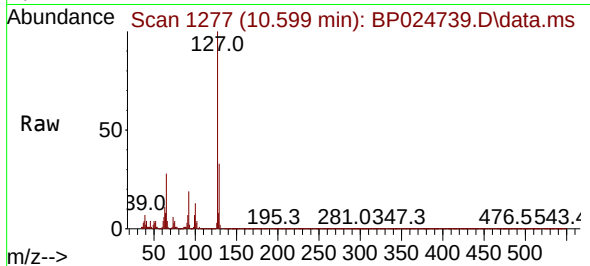




#33
4-Chloroaniline
Concen: 17.258 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

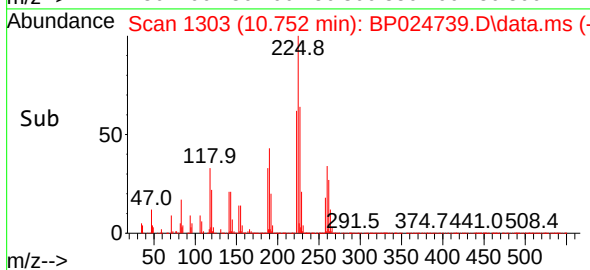
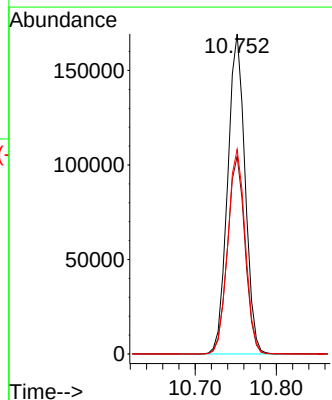
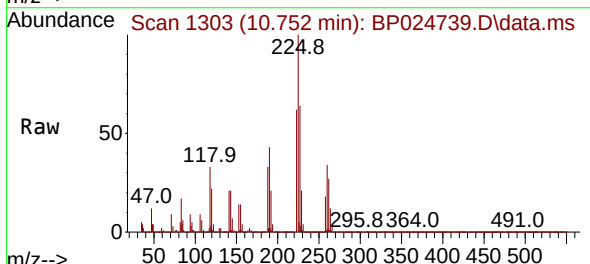
Instrument :
BNA_P
ClientSampleId :
PB168095BS

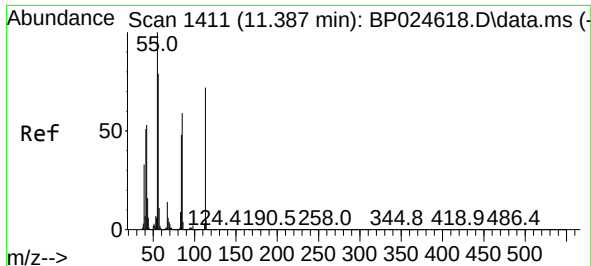
Tgt Ion:	127	Resp:	183013
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	27.9	23.9	35.9
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.624 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:	225	Resp:	251681
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	64.0	53.1	79.7

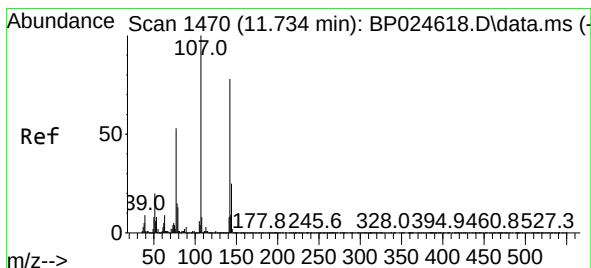
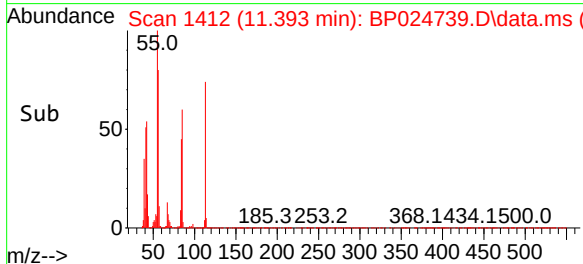
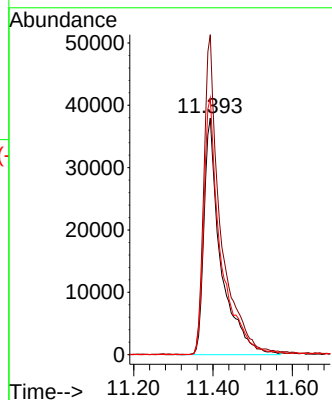
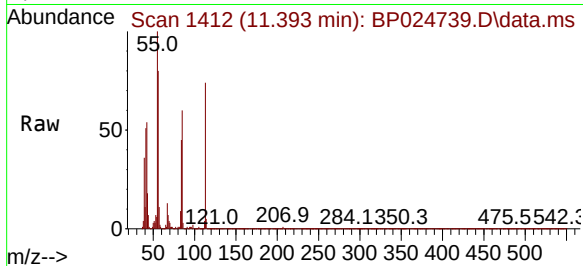




#35
Caprolactam
Concen: 41.548 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

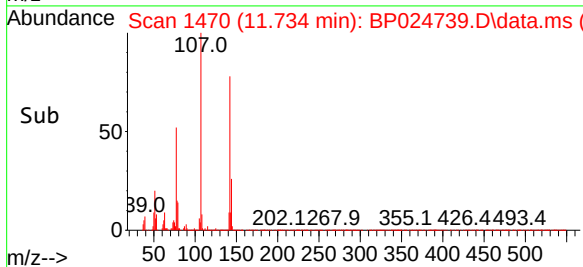
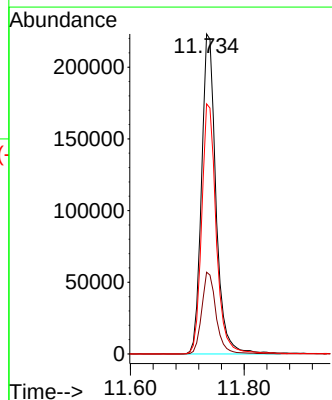
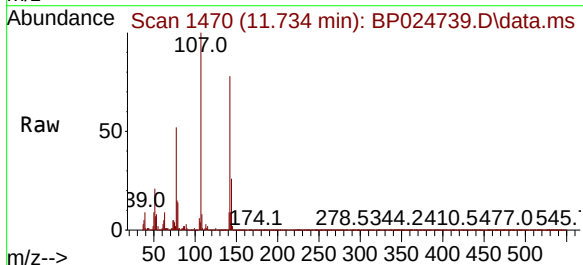
Instrument :
BNA_P
ClientSampleId :
PB168095BS

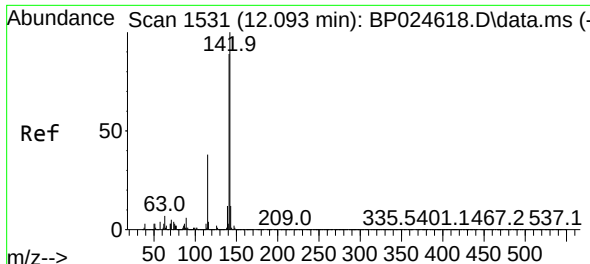
Tgt Ion	Ratio	Lower	Upper
113	100		
55	135.2	119.0	159.0
56	108.5	90.3	130.3



#36
4-Chloro-3-methylphenol
Concen: 43.757 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	78.2	62.1	93.1

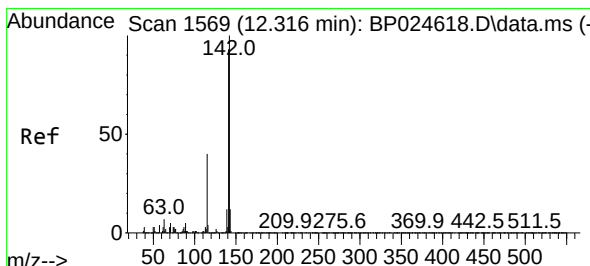
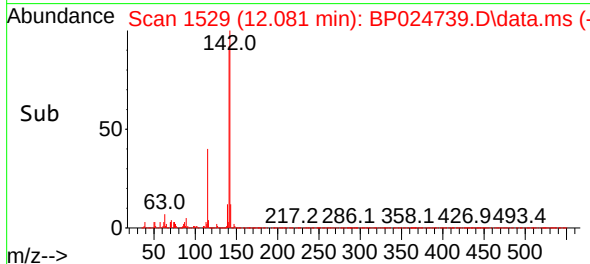
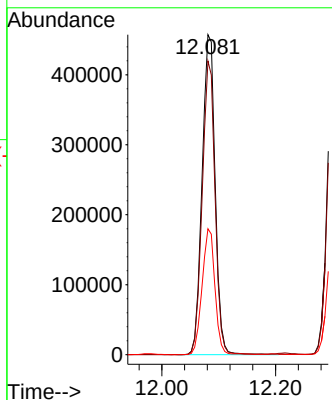
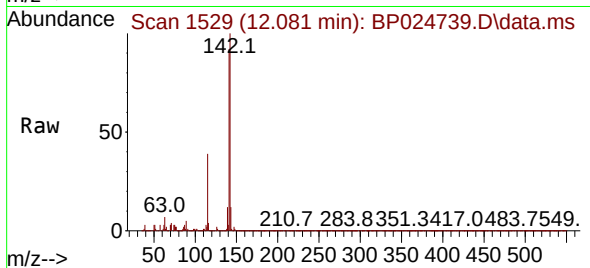




#37
2-Methylnaphthalene
Concen: 42.753 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

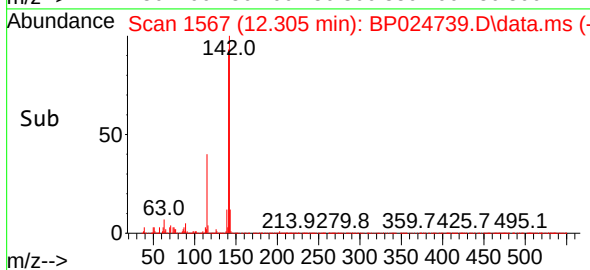
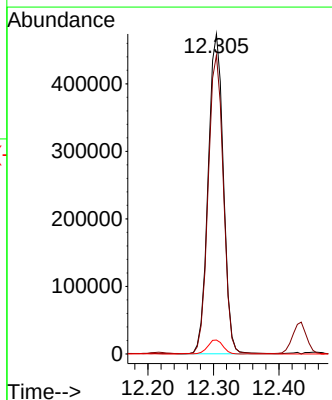
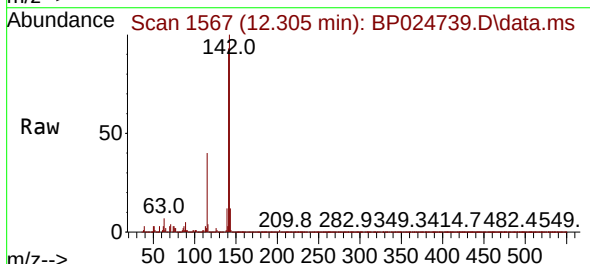
Instrument :
BNA_P
ClientSampleId :
PB168095BS

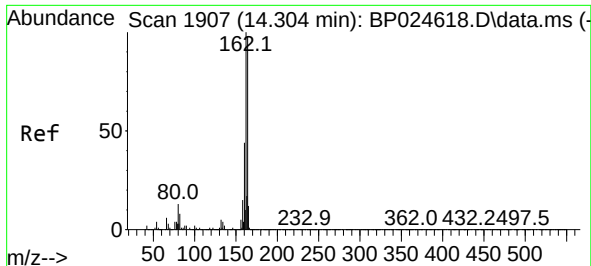
Tgt Ion:142 Resp: 727486
Ion Ratio Lower Upper
142 100
141 91.8 71.2 106.8
115 39.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.846 ng
RT: 12.305 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:142 Resp: 761870
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.3 3.4 5.2

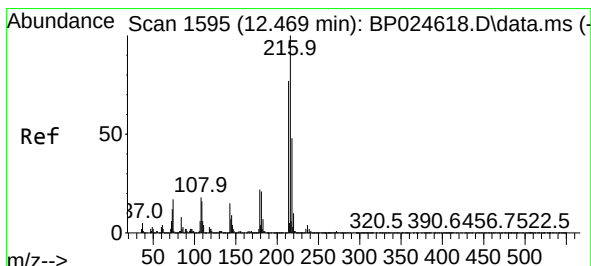
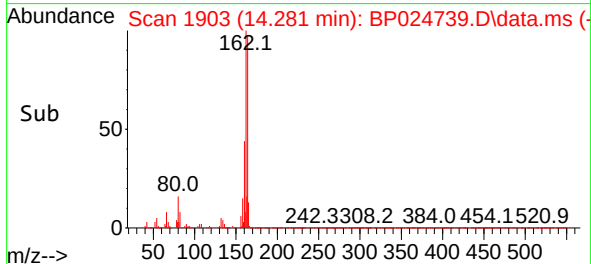
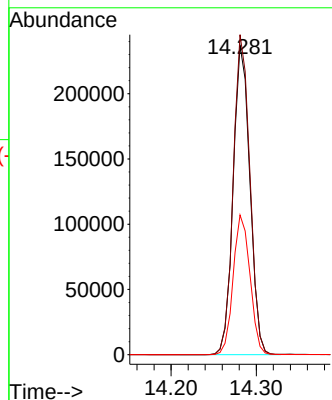
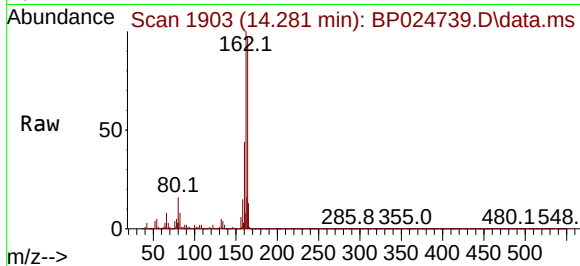




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

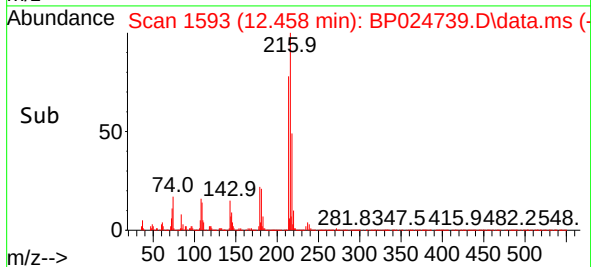
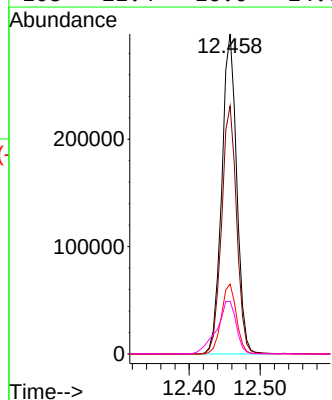
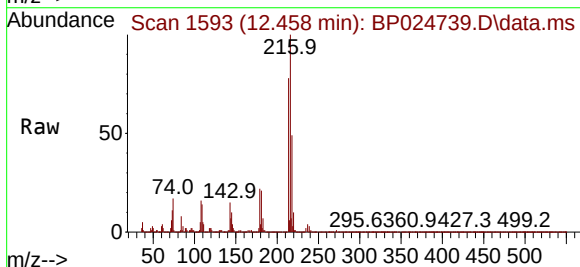
Instrument :
BNA_P
ClientSampleId :
PB168095BS

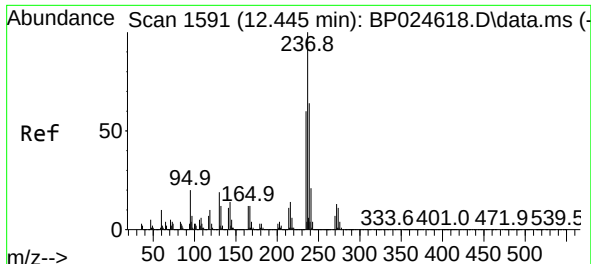
Tgt Ion:164 Resp: 323292
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 45.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.195 ng
RT: 12.458 min Scan# 1593
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:216 Resp: 433678
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 22.1 17.7 26.5
108 21.4 16.0 24.0

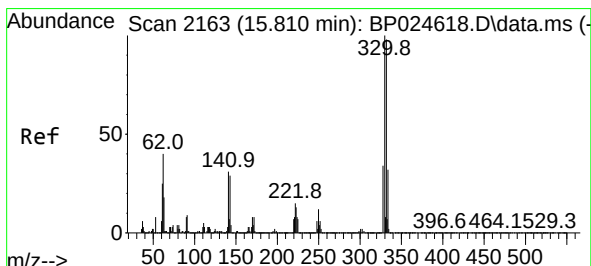
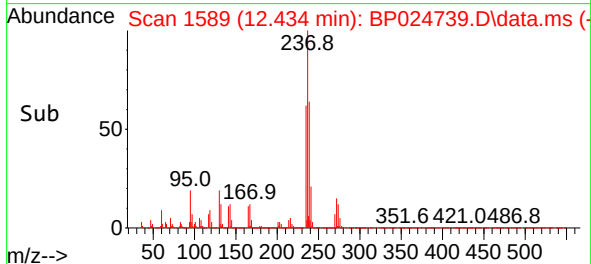
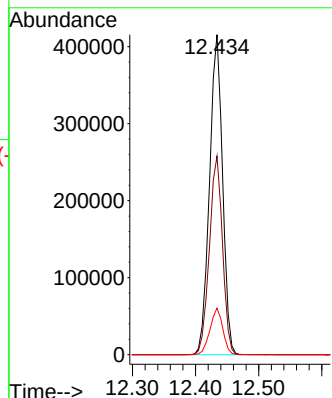
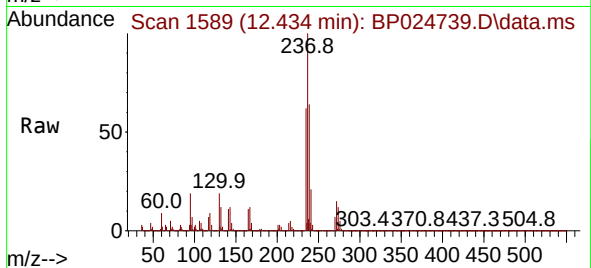




#41
Hexachlorocyclopentadiene
Concen: 104.881 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

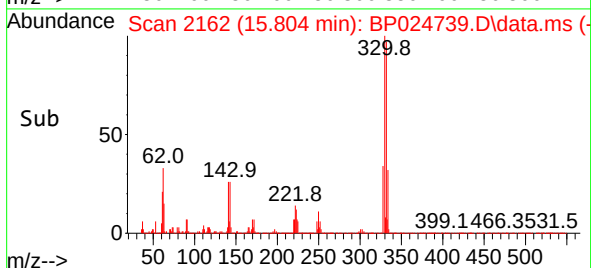
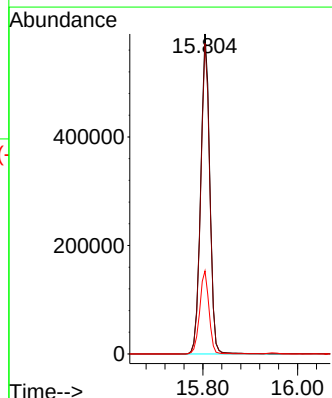
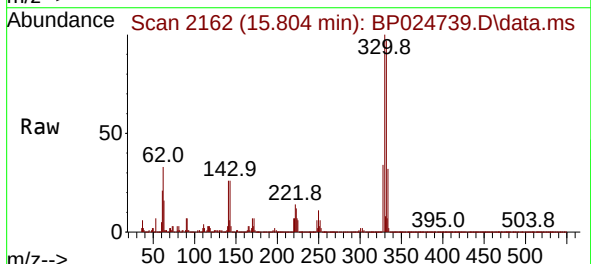
Instrument :
BNA_P
ClientSampleId :
PB168095BS

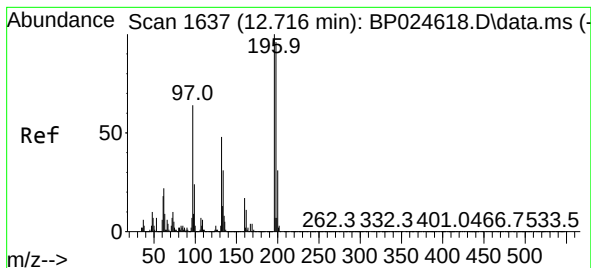
Tgt Ion:237 Resp: 597042
Ion Ratio Lower Upper
237 100
235 62.0 39.9 79.9
272 14.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 143.722 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:330 Resp: 787700
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 26.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.384 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

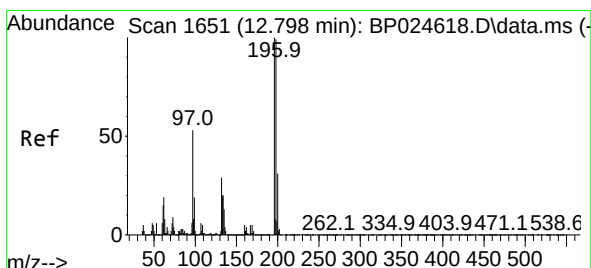
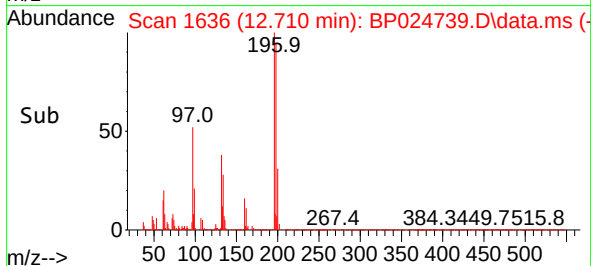
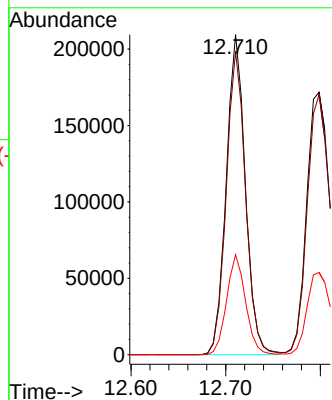
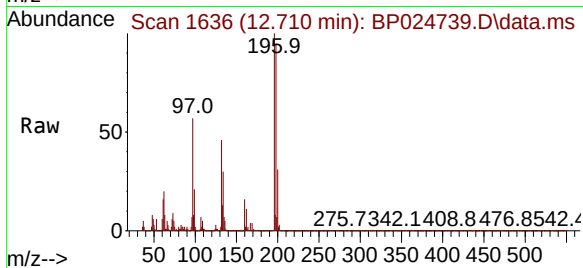
Tgt Ion:196 Resp: 294212

Ion Ratio Lower Upper

196 100

198 94.7 76.9 115.3

200 31.3 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 47.794 ng

RT: 12.799 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Tgt Ion:196 Resp: 323501

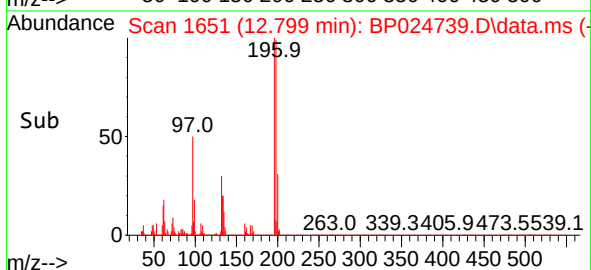
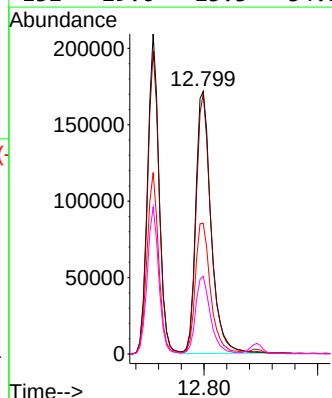
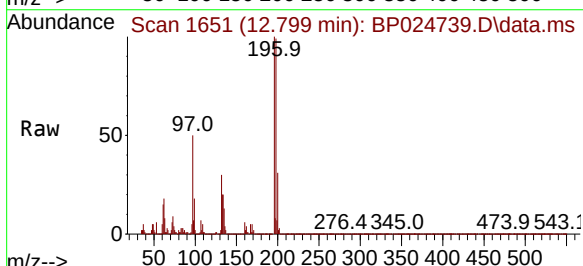
Ion Ratio Lower Upper

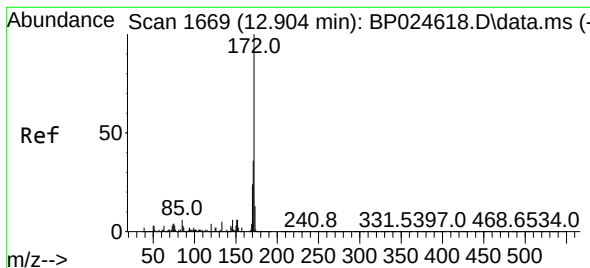
196 100

198 99.1 79.2 118.8

97 49.7 42.3 63.5

132 29.6 23.3 34.9

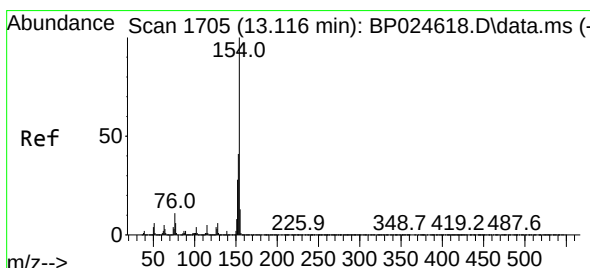
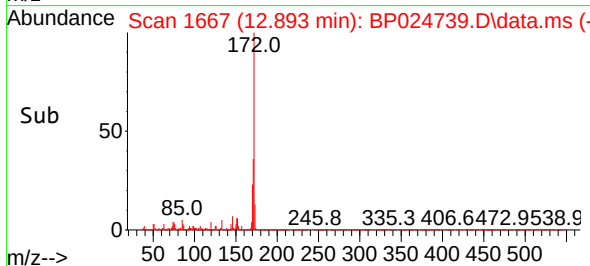
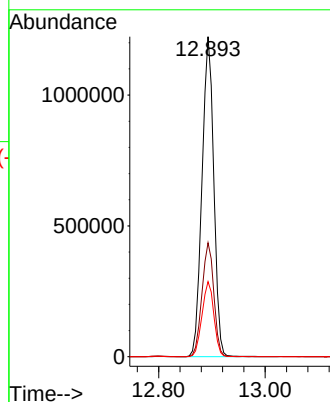
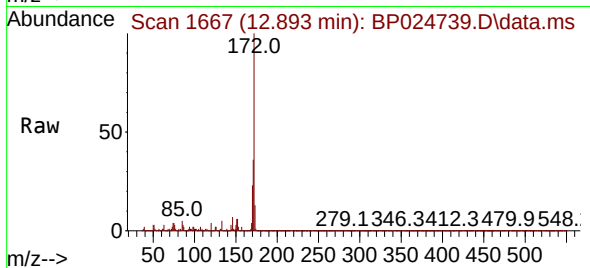




#45
2-Fluorobiphenyl
Concen: 75.969 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

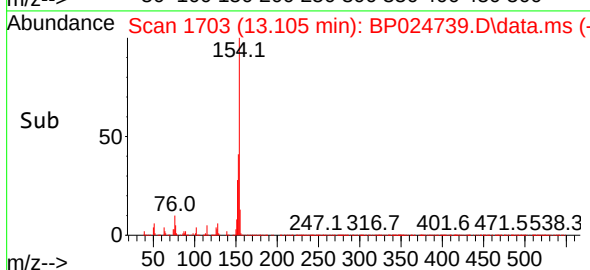
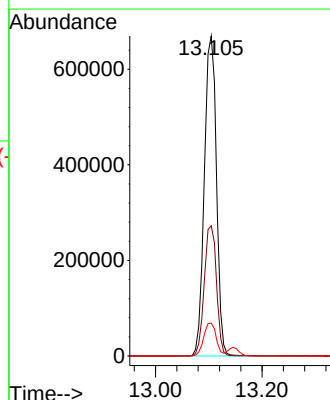
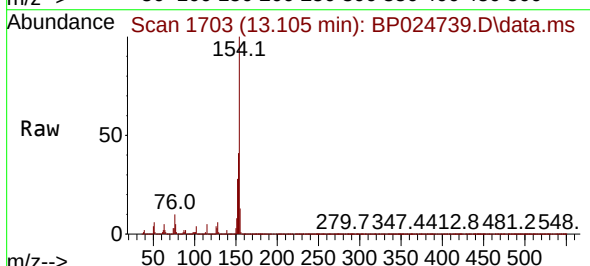
Instrument :
BNA_P
ClientSampleId :
PB168095BS

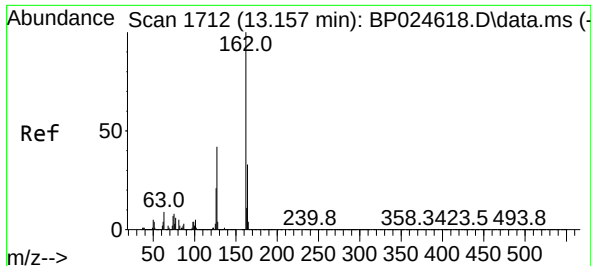
Tgt Ion:172 Resp: 1874636
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.166 ng
RT: 13.105 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:154 Resp: 1055344
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 10.3 0.0 31.5

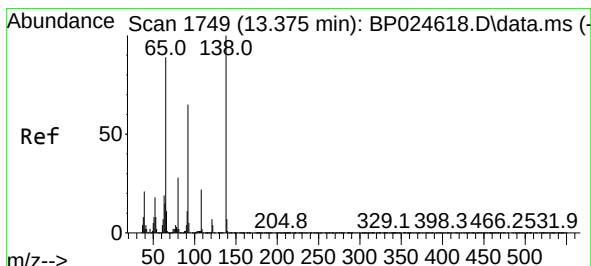
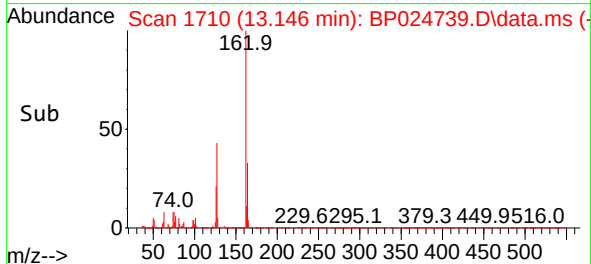
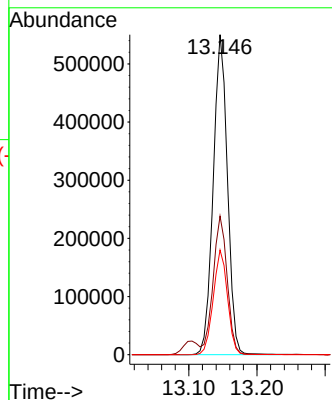
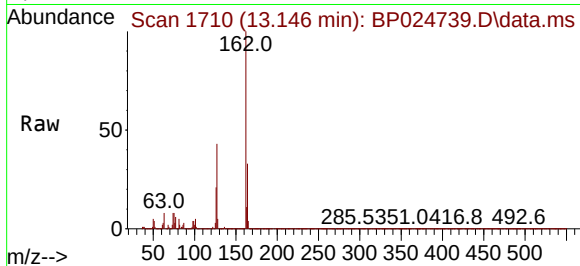




#47
2-Chloronaphthalene
Concen: 43.939 ng
RT: 13.146 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

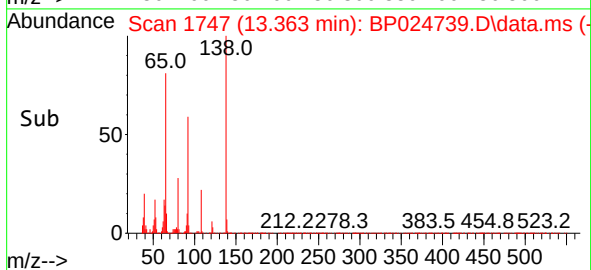
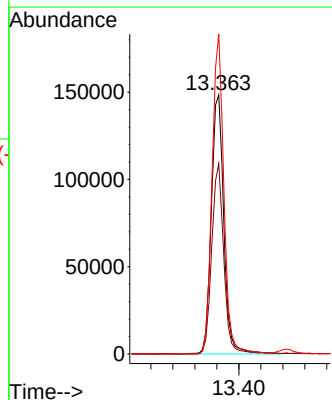
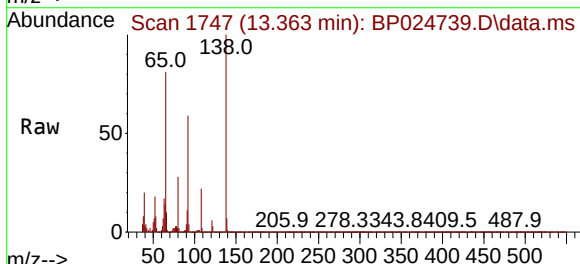
Instrument :
BNA_P
ClientSampleId :
PB168095BS

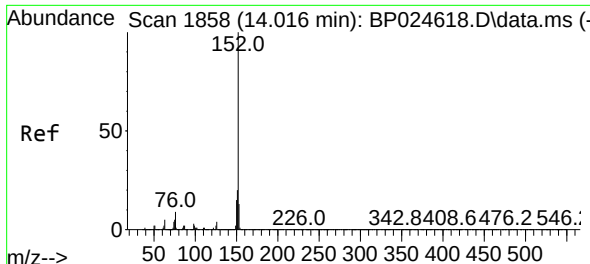
Tgt Ion:162 Resp: 800541
Ion Ratio Lower Upper
162 100
127 43.3 33.8 50.6
164 32.7 26.0 39.0



#48
2-Nitroaniline
Concen: 43.276 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion: 65 Resp: 233432
Ion Ratio Lower Upper
65 100
92 73.4 58.7 88.1
138 123.5 90.2 135.2

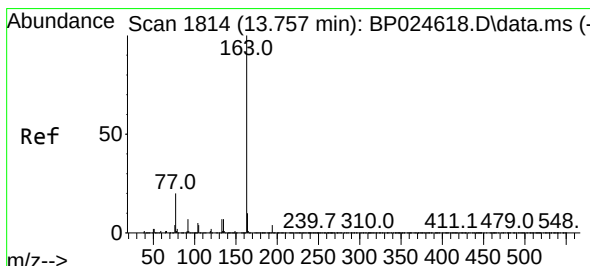
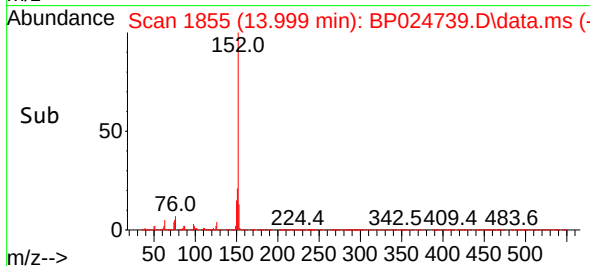
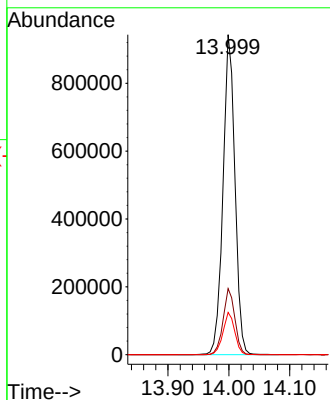
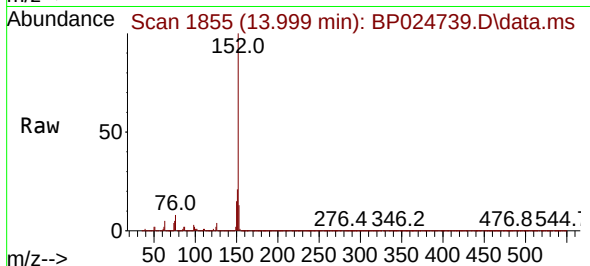




#49
Acenaphthylene
Concen: 42.149 ng
RT: 13.999 min Scan# 1855
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

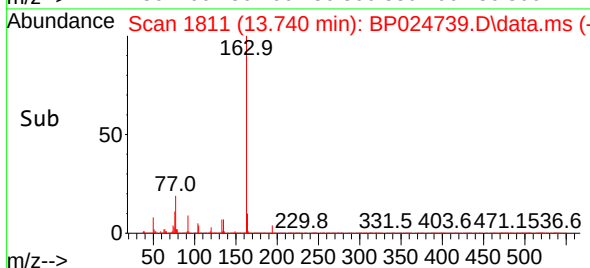
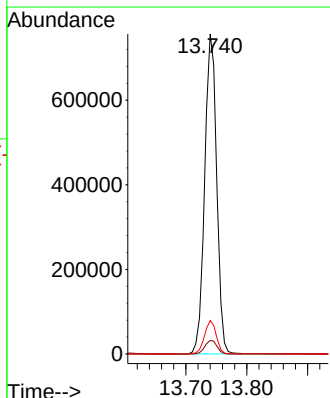
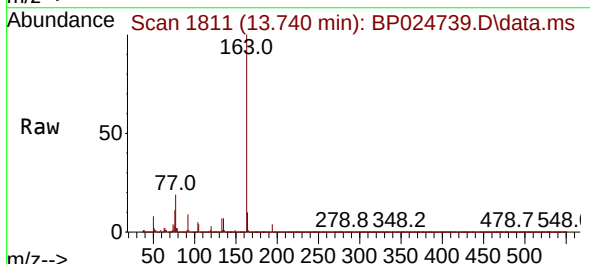
Instrument :
BNA_P
ClientSampleId :
PB168095BS

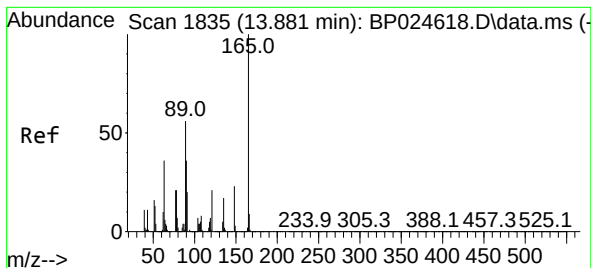
Tgt Ion:152 Resp: 1285084
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 42.055 ng
RT: 13.740 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:163 Resp: 1036305
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.1 12.1

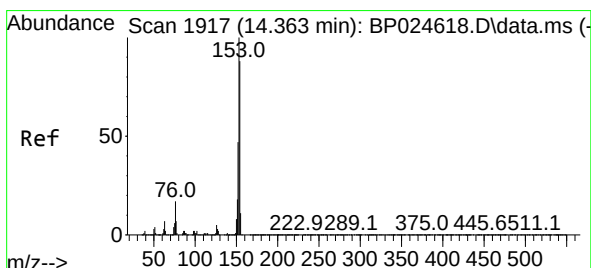
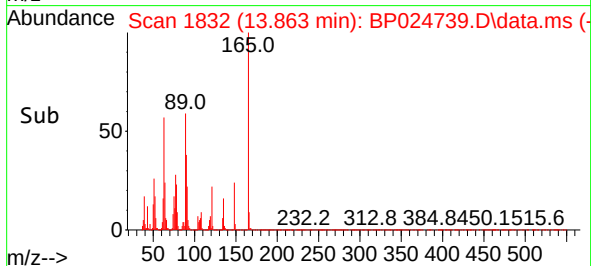
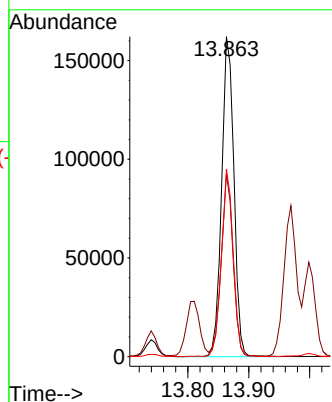
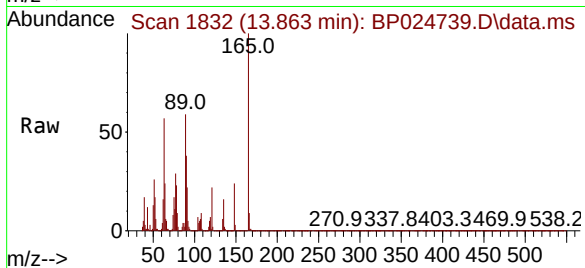




#51
2,6-Dinitrotoluene
Concen: 43.548 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

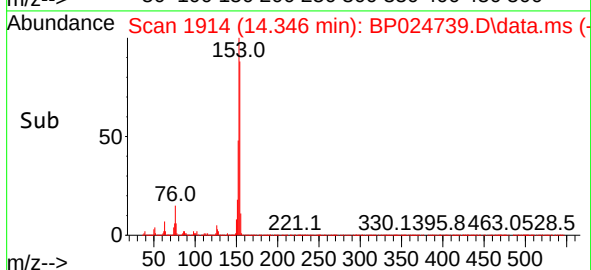
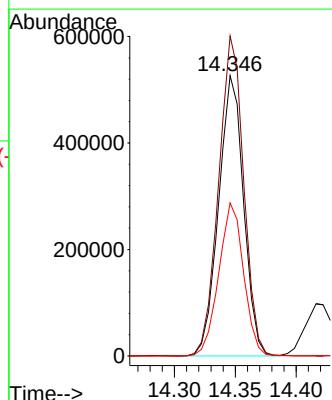
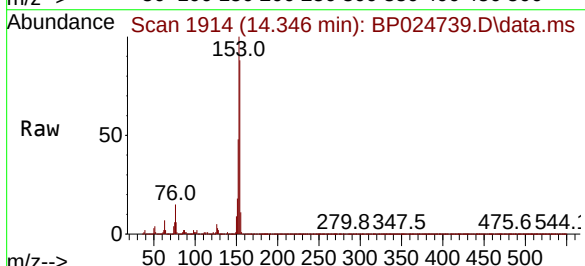
Instrument :
BNA_P
ClientSampleId :
PB168095BS

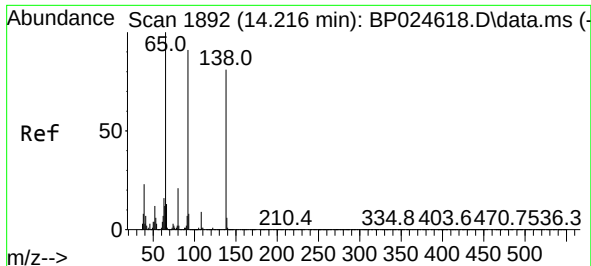
Tgt Ion:165 Resp: 226632
Ion Ratio Lower Upper
165 100
63 57.0 42.4 63.6
89 58.6 44.8 67.2



#52
Acenaphthene
Concen: 42.809 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:154 Resp: 750344
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.4
152 54.6 42.9 64.3

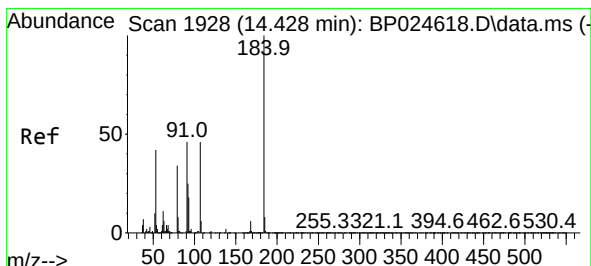
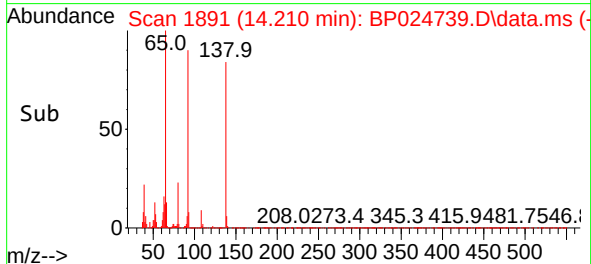
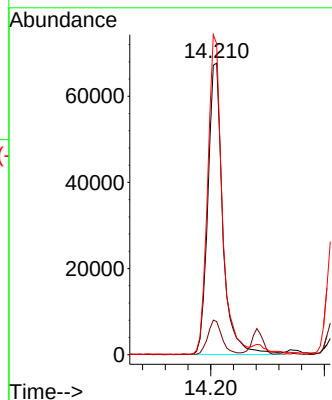
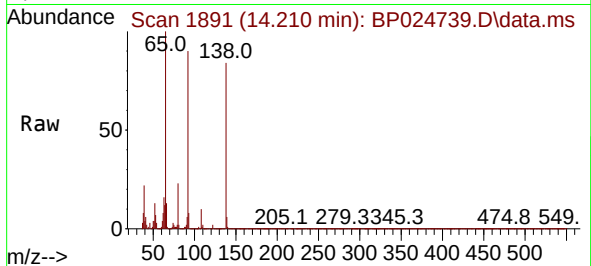




#53
3-Nitroaniline
Concen: 23.162 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

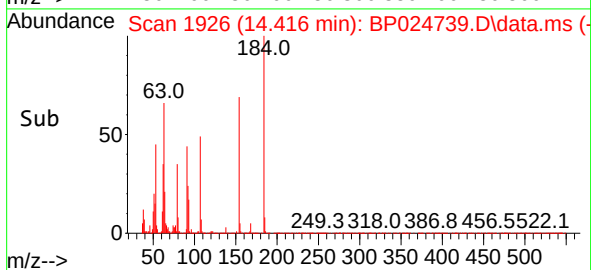
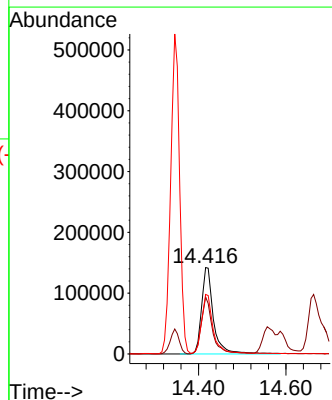
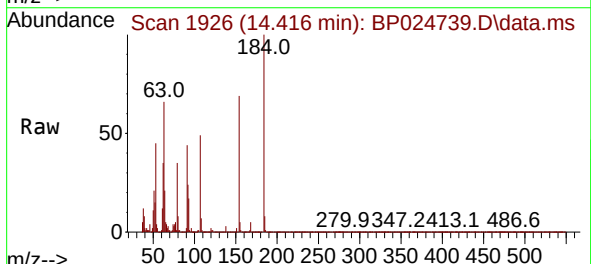
Instrument :
BNA_P
ClientSampleId :
PB168095BS

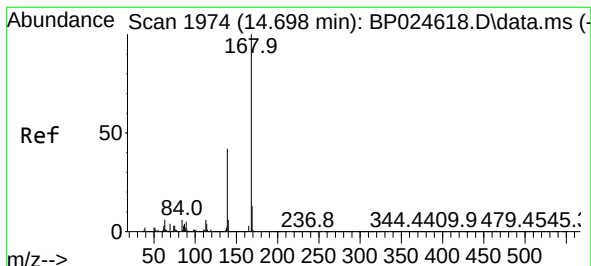
Tgt Ion:138 Resp: 123077
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 106.6 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 81.945 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:184 Resp: 269469
Ion Ratio Lower Upper
184 100
63 66.0 51.3 76.9
154 68.9 53.5 80.3

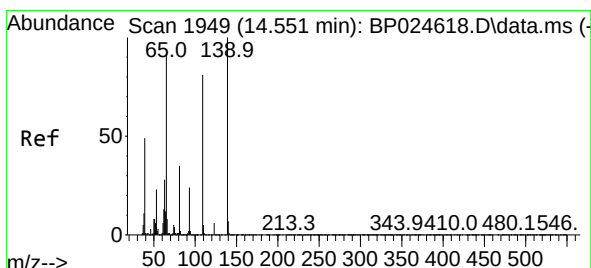
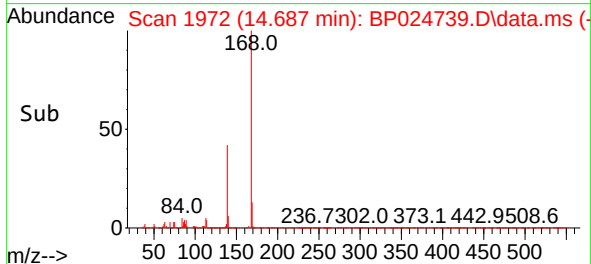
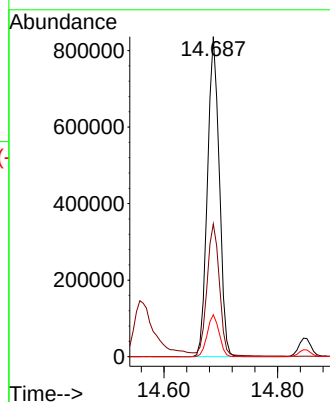
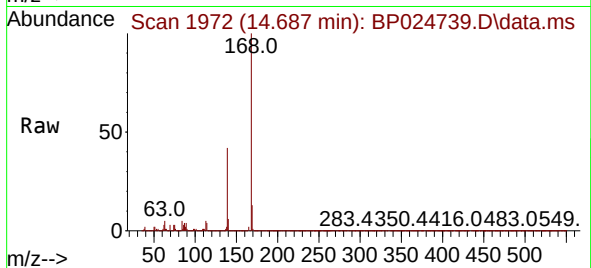




#55
Dibenzofuran
Concen: 43.091 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

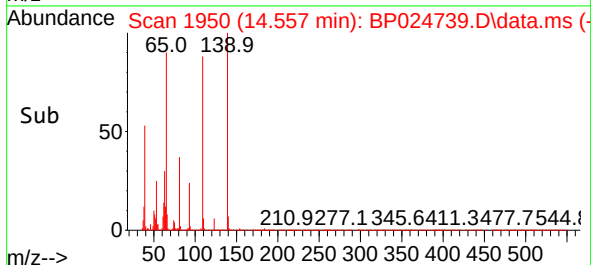
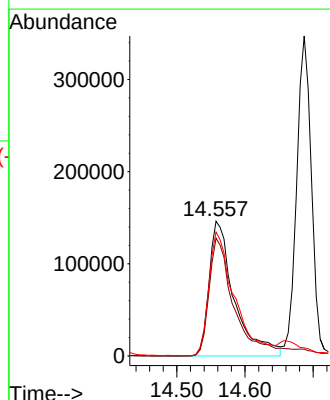
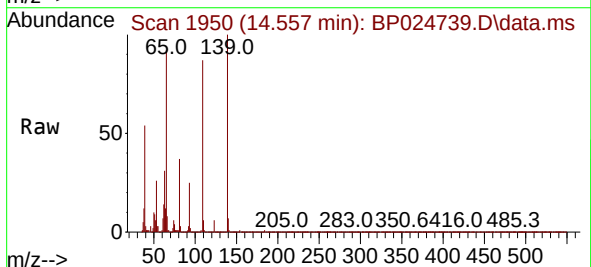
Instrument :
BNA_P
ClientSampleId :
PB168095BS

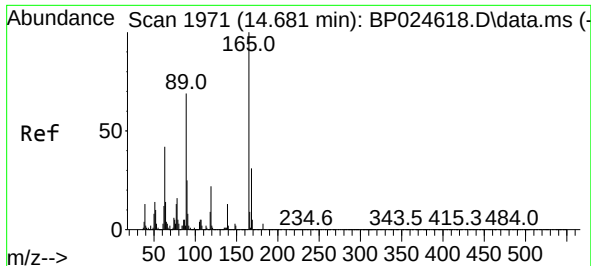
Tgt Ion:168 Resp: 1204737
Ion Ratio Lower Upper
168 100
139 41.5 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 81.061 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:139 Resp: 373188
Ion Ratio Lower Upper
139 100
109 87.4 61.4 101.4
65 92.1 72.2 112.2

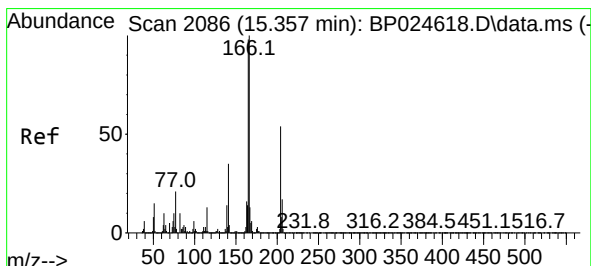
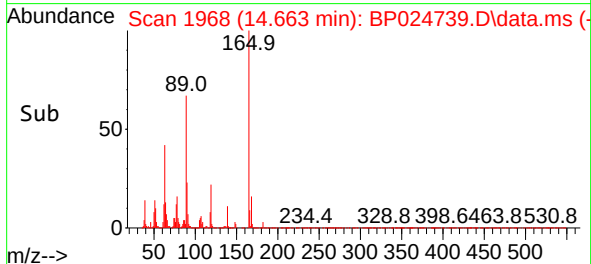
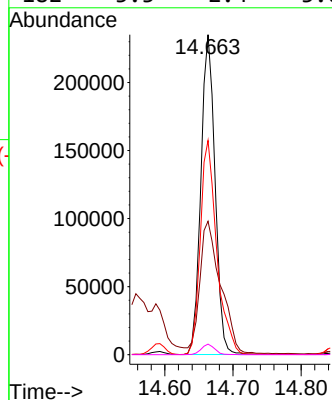
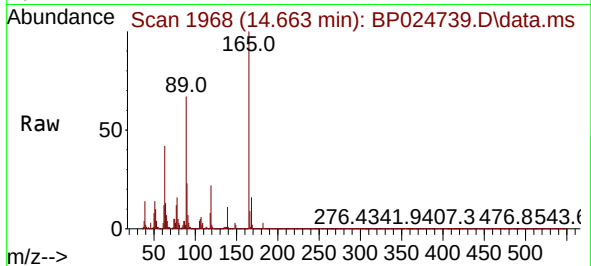




#57
2,4-Dinitrotoluene
Concen: 46.210 ng
RT: 14.663 min Scan# 1971
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

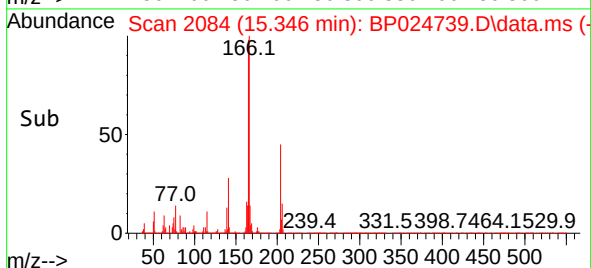
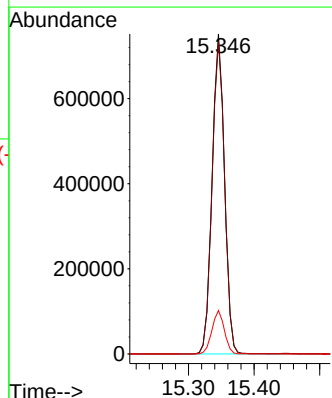
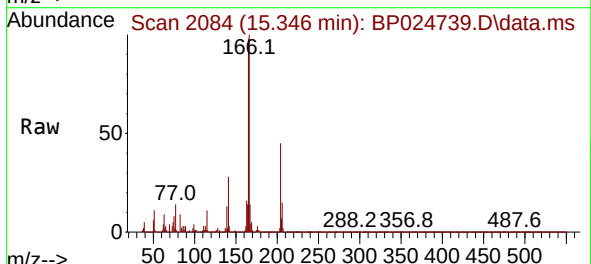
Instrument :
BNA_P
ClientSampleId :
PB168095BS

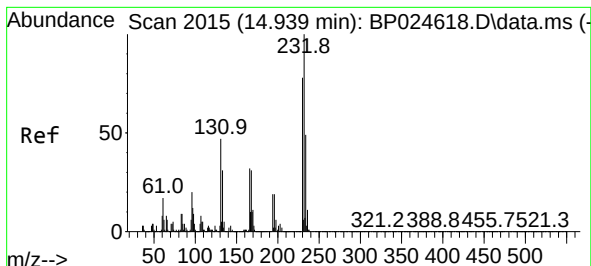
Tgt Ion:165 Resp: 339037
Ion Ratio Lower Upper
165 100
63 41.7 33.8 50.6
89 67.0 55.6 83.4
182 3.3 2.4 3.6



#58
Fluorene
Concen: 43.359 ng
RT: 15.346 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:166 Resp: 988457
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.6 10.7 16.1

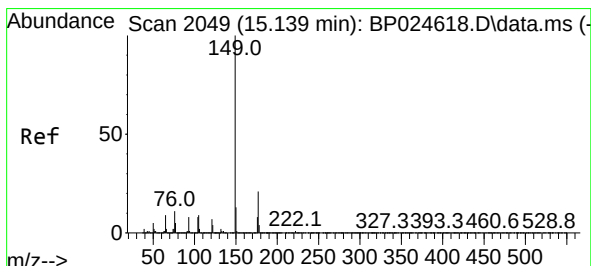
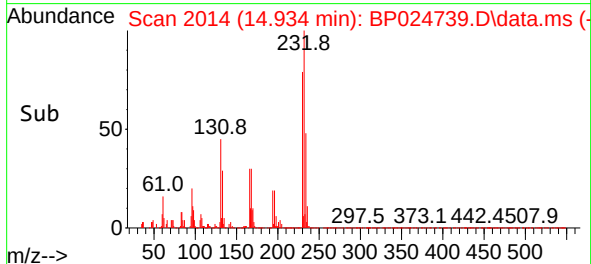
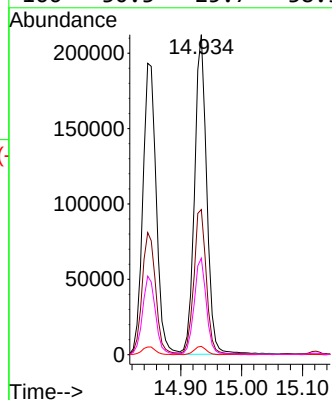
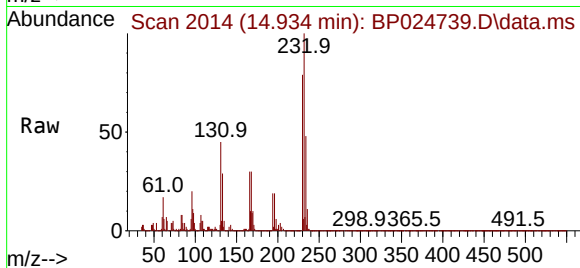




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.864 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

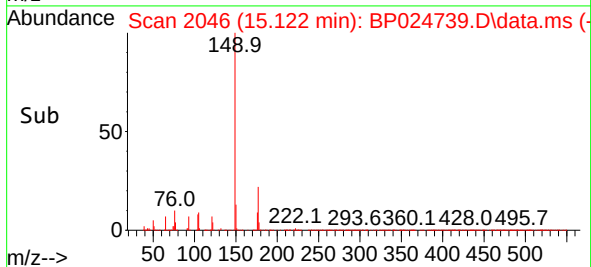
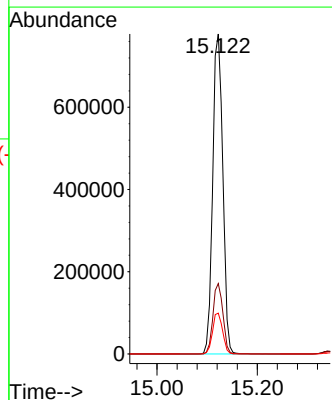
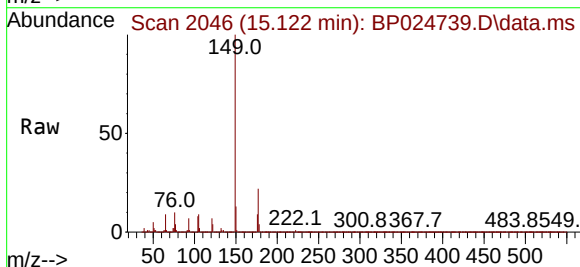
Instrument :
BNA_P
ClientSampleId :
PB168095BS

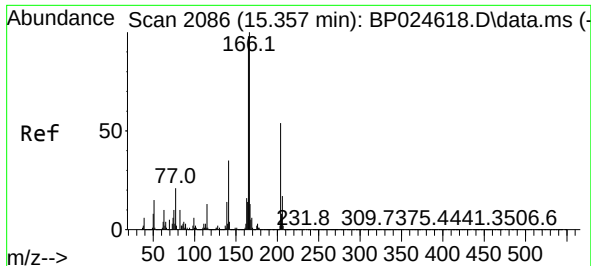
Tgt Ion:232 Resp: 294256
Ion Ratio Lower Upper
232 100
131 45.9 39.5 59.3
130 2.6 2.2 3.4
166 30.3 25.7 38.5



#60
Diethylphthalate
Concen: 43.553 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:149 Resp: 1084714
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.7 10.2 15.2

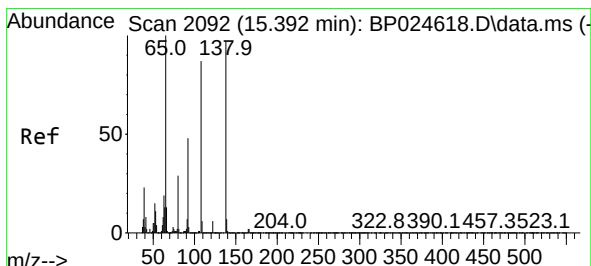
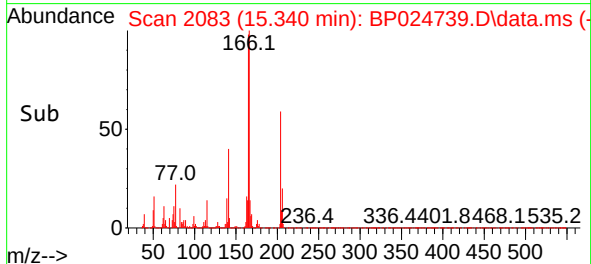
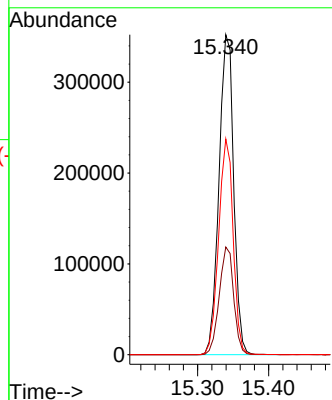
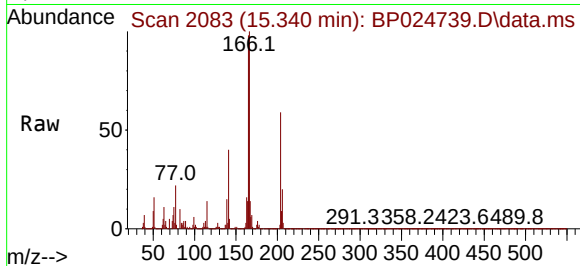




#61
4-Chlorophenyl-phenylether
Concen: 44.282 ng
RT: 15.340 min Scan# 2086
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

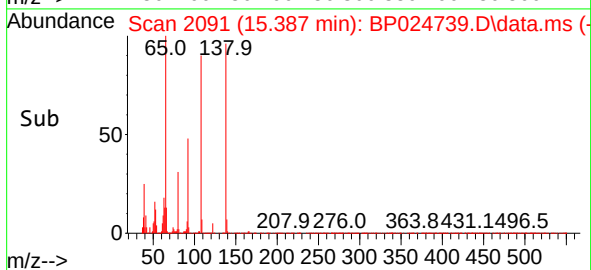
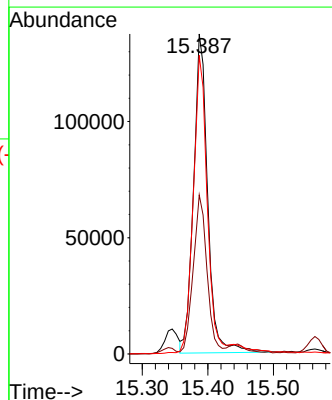
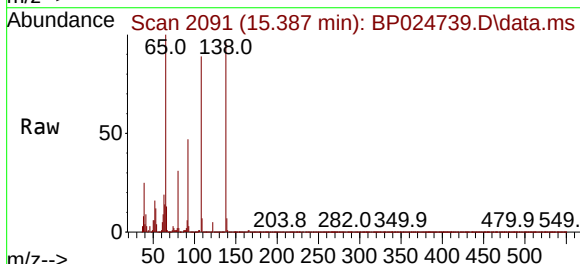
Instrument :
BNA_P
ClientSampleId :
PB168095BS

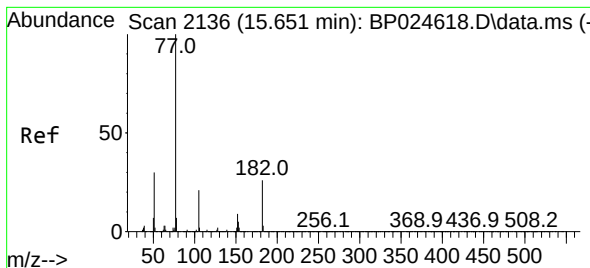
Tgt Ion:204 Resp: 503437
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 67.4 52.9 79.3



#62
4-Nitroaniline
Concen: 40.200 ng
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:138 Resp: 206262
Ion Ratio Lower Upper
138 100
92 49.7 29.2 69.2
108 93.3 69.0 109.0





#63

Azobenzene

Concen: 40.268 ng

RT: 15.640 min Scan# 2136

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

Tgt Ion: 77 Resp: 857948

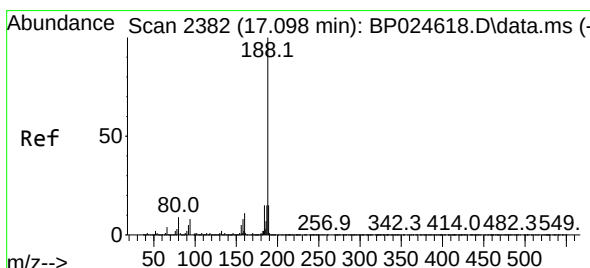
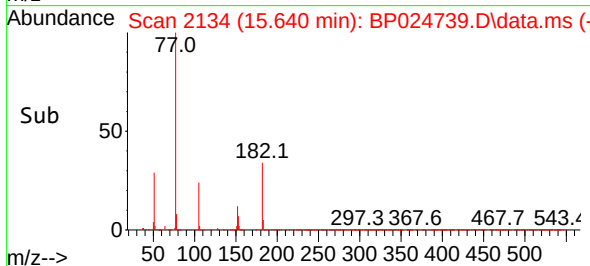
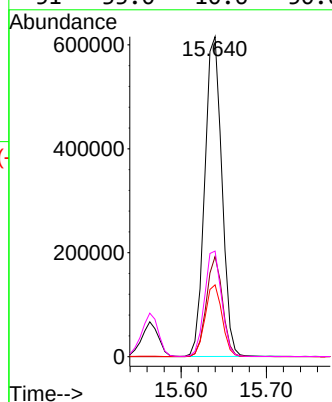
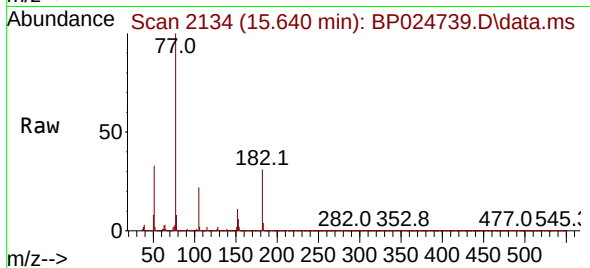
Ion Ratio Lower Upper

77 100

182 31.3 5.7 45.7

105 22.5 1.3 41.3

51 33.0 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 2379

Delta R.T. -0.017 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

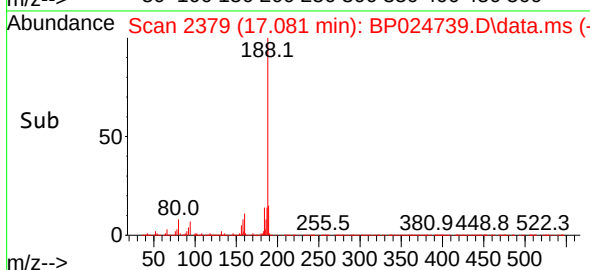
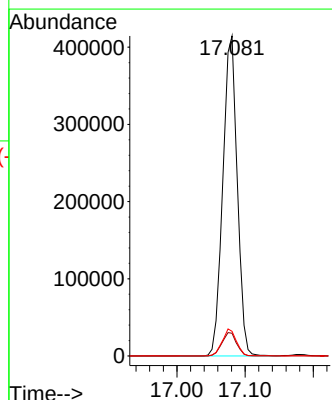
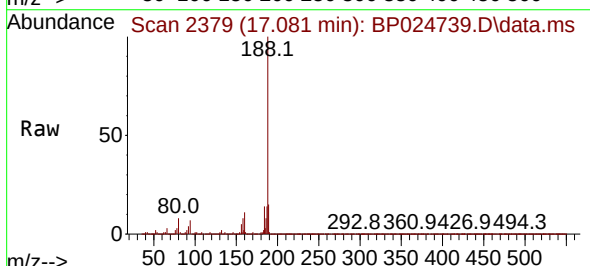
Tgt Ion:188 Resp: 610169

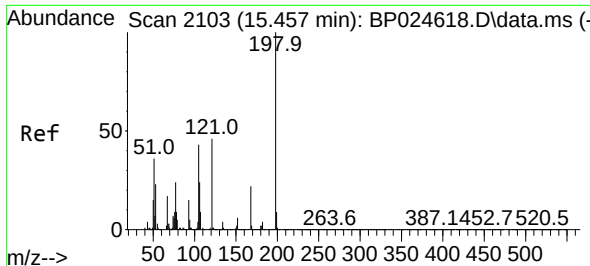
Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

80 7.7 7.3 10.9

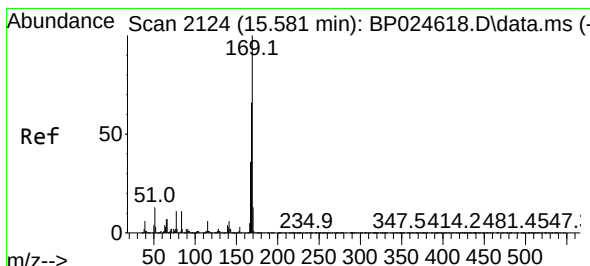
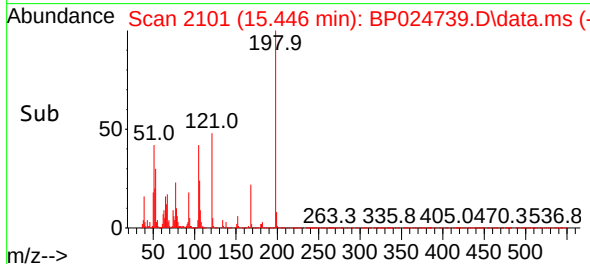
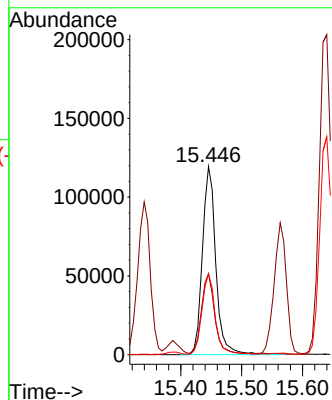
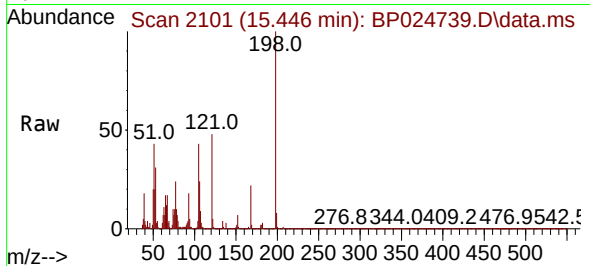




#65
4,6-Dinitro-2-methylphenol
Concen: 46.391 ng
RT: 15.446 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

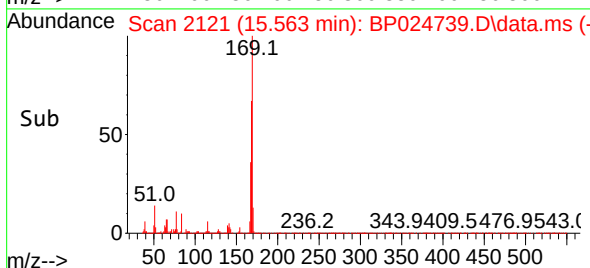
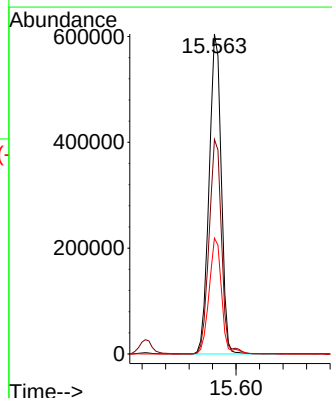
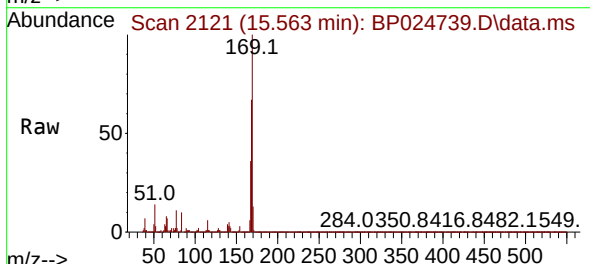
Instrument :
BNA_P
ClientSampleId :
PB168095BS

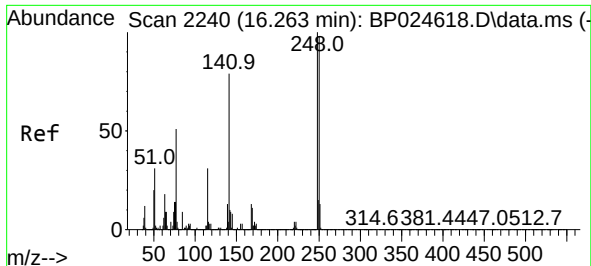
Tgt Ion:198 Resp: 182840
Ion Ratio Lower Upper
198 100
51 43.0 21.1 61.1
105 43.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.093 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.017 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:169 Resp: 863879
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.2 28.6 43.0

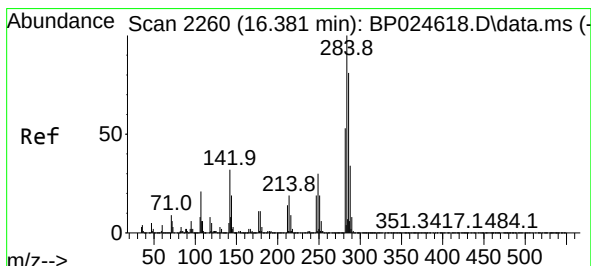
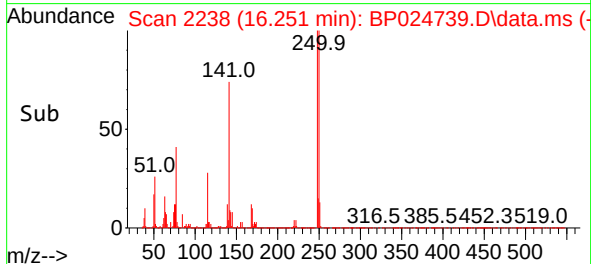
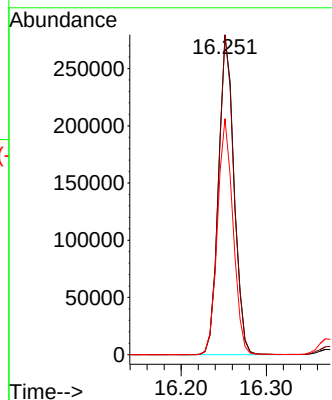
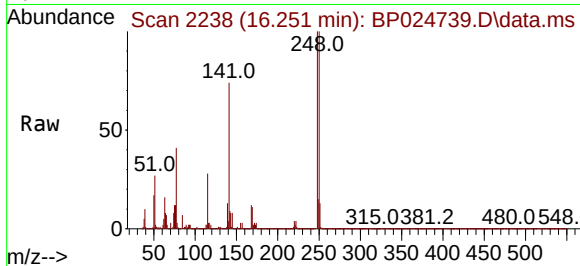




#67
4-Bromophenyl-phenylether
Concen: 49.303 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

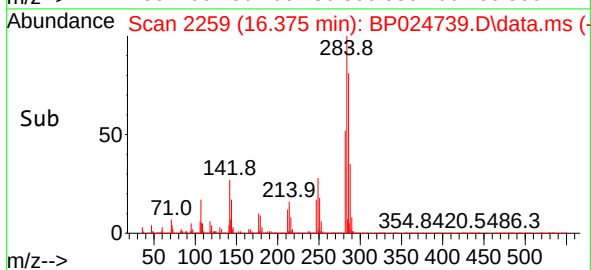
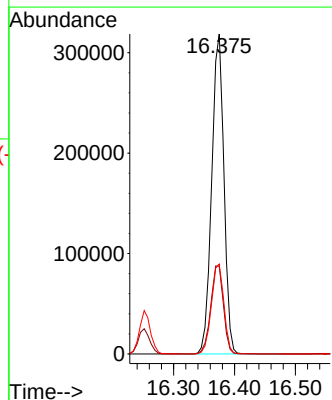
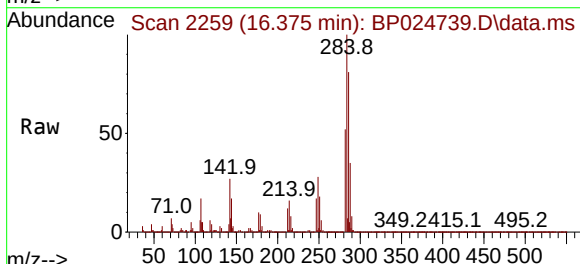
Instrument :
BNA_P
ClientSampleId :
PB168095BS

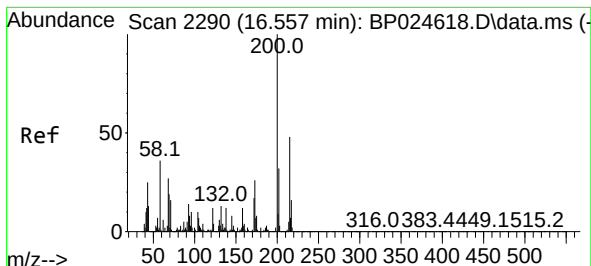
Tgt Ion:248 Resp: 354483
Ion Ratio Lower Upper
248 100
250 100.5 78.2 117.4
141 74.1 63.0 94.6



#68
Hexachlorobenzene
Concen: 48.570 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:284 Resp: 443741
Ion Ratio Lower Upper
284 100
142 27.5 25.9 38.9
249 28.1 24.1 36.1





#69

Atrazine

Concen: 47.663 ng

RT: 16.546 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

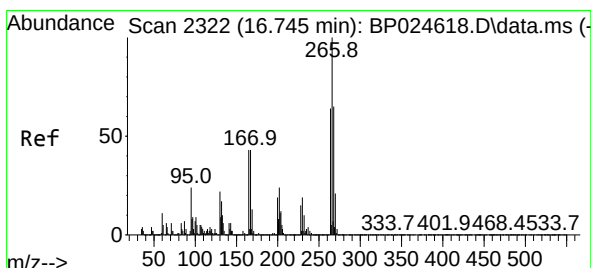
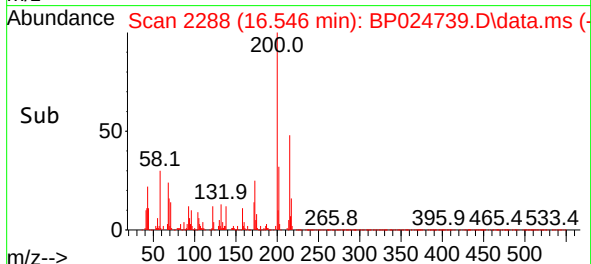
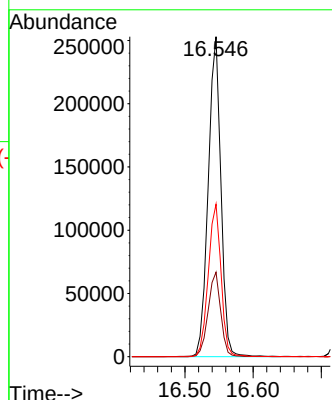
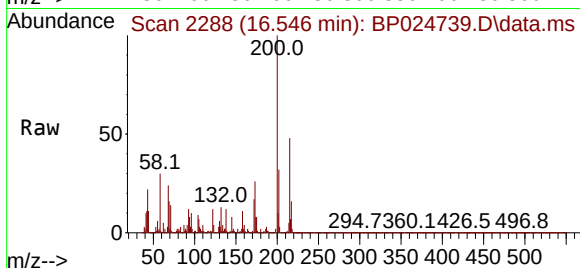
Tgt Ion:200 Resp: 327372

Ion Ratio Lower Upper

200 100

173 26.4 5.9 45.9

215 47.7 28.3 68.3



#70

Pentachlorophenol

Concen: 110.201 ng

RT: 16.734 min Scan# 2320

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

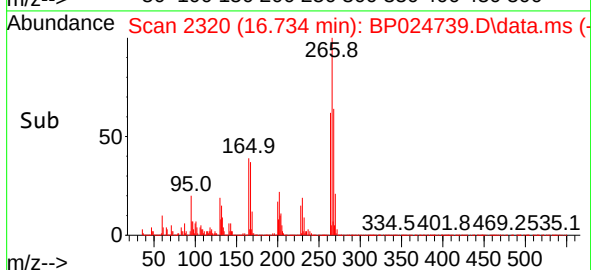
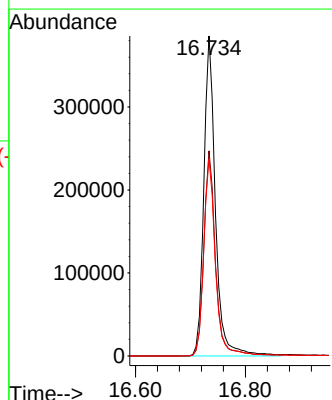
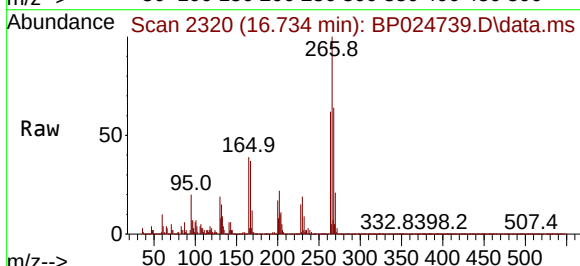
Tgt Ion:266 Resp: 565169

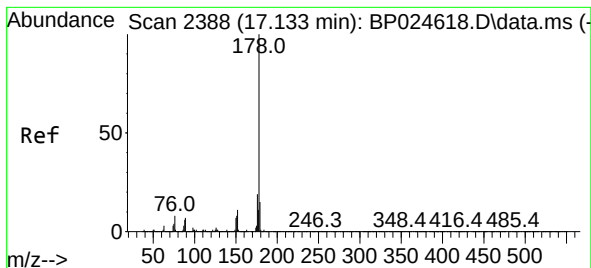
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 61.5 51.1 76.7





#71

Phenanthrene

Concen: 43.978 ng

RT: 17.122 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

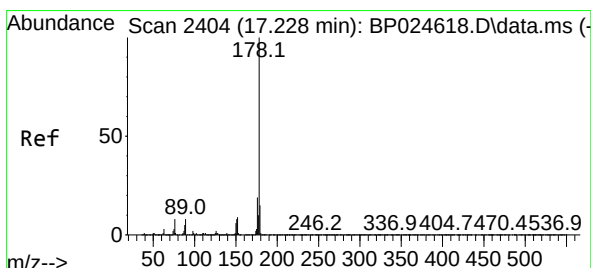
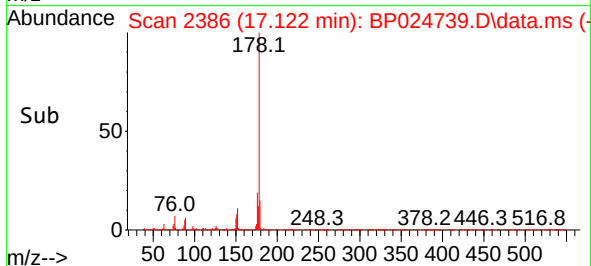
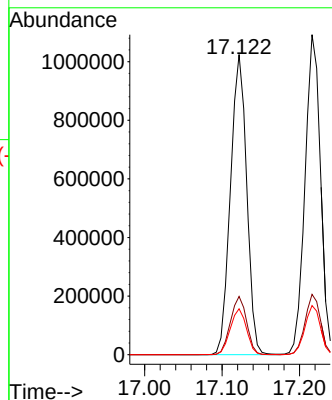
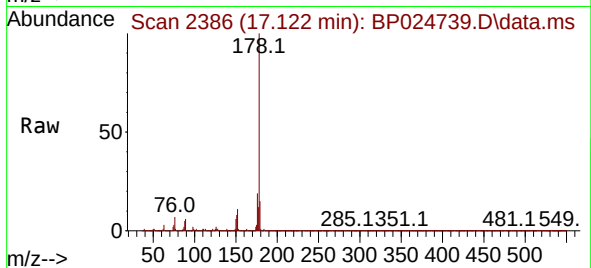
Tgt Ion:178 Resp: 1491730

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 44.911 ng

RT: 17.216 min Scan# 2402

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

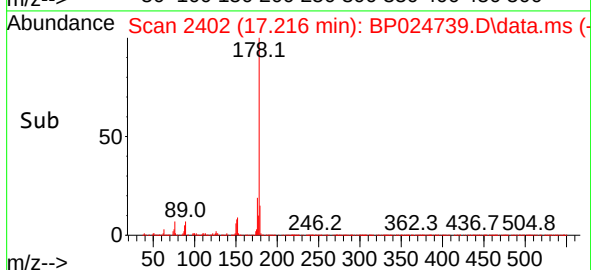
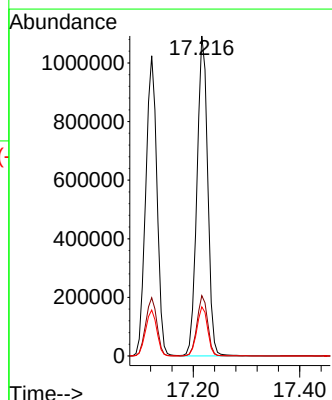
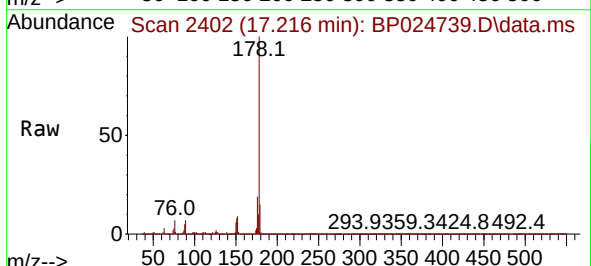
Tgt Ion:178 Resp: 1532702

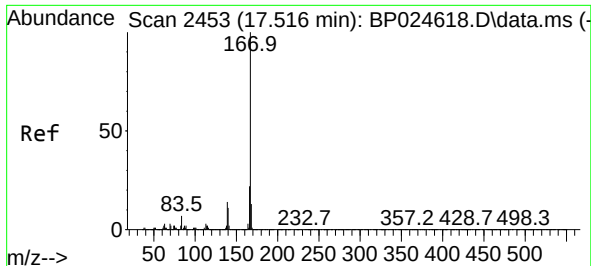
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.3 12.2 18.2

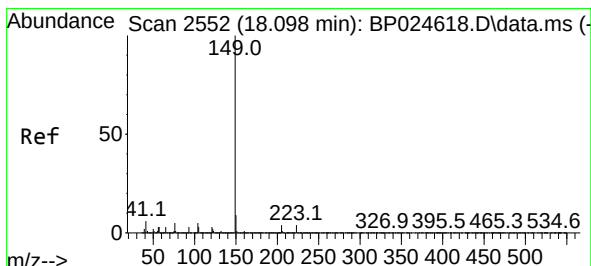
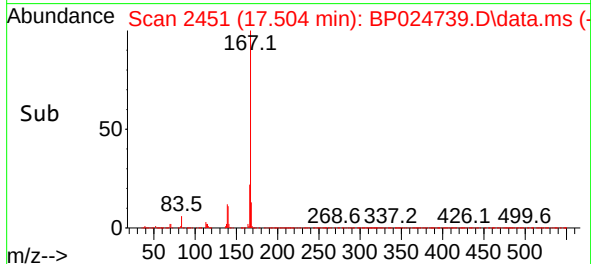
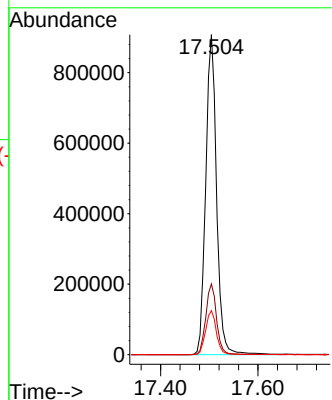
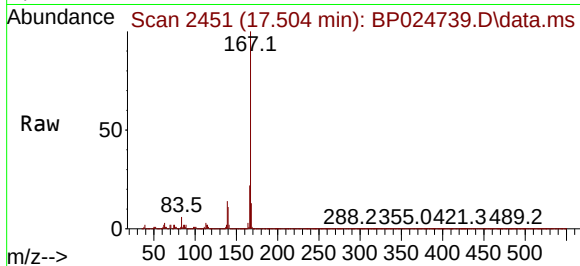




#73
 Carbazole
 Concen: 45.176 ng
 RT: 17.504 min Scan# 24
 Delta R.T. -0.011 min
 Lab File: BP024739.D
 Acq: 21 May 2025 16:09

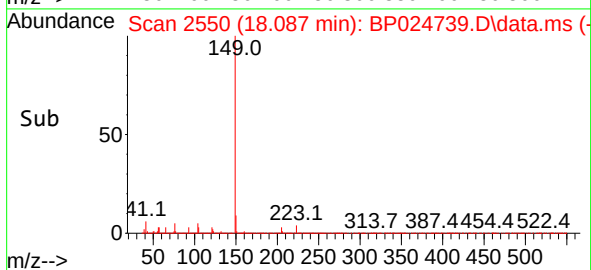
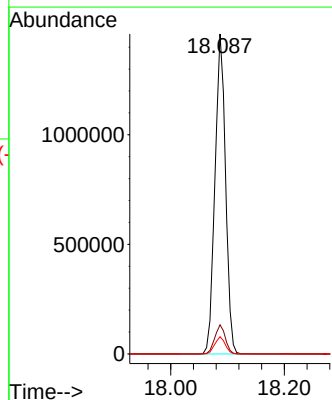
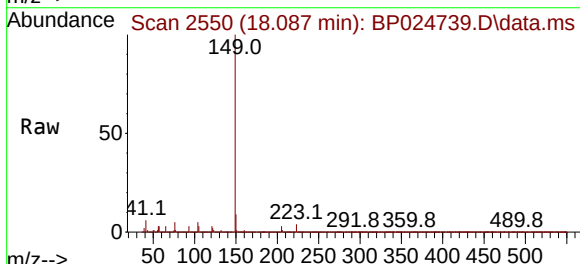
Instrument :
 BNA_P
 ClientSampleId :
 PB168095BS

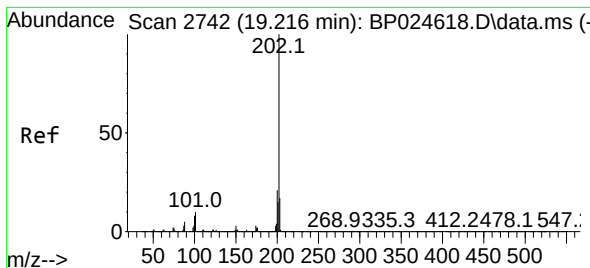
Tgt Ion:167 Resp: 1395438
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.8 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.305 ng
 RT: 18.087 min Scan# 2550
 Delta R.T. -0.012 min
 Lab File: BP024739.D
 Acq: 21 May 2025 16:09

Tgt Ion:149 Resp: 1879200
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.4 4.3 6.5

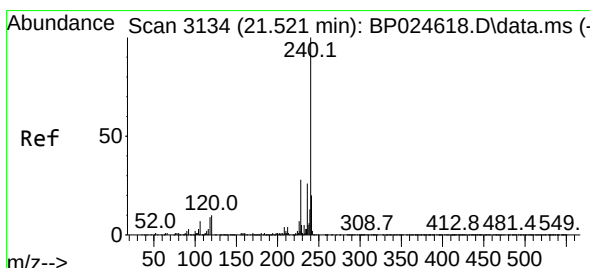
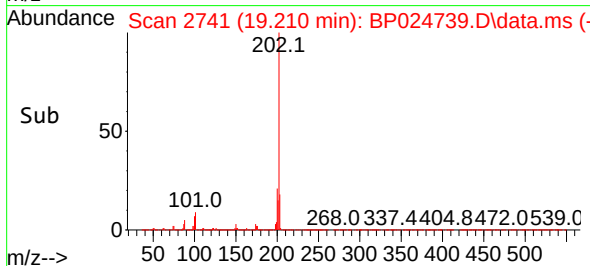
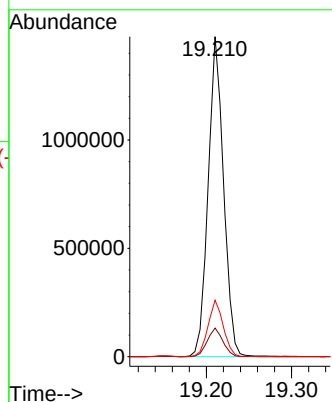
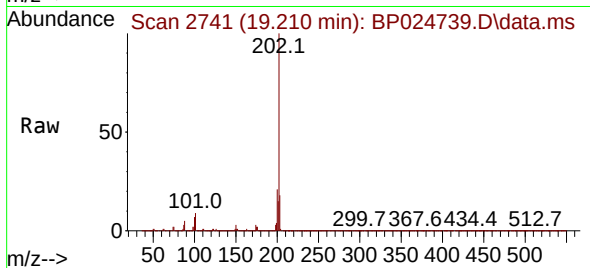




#75
Fluoranthene
Concen: 46.809 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

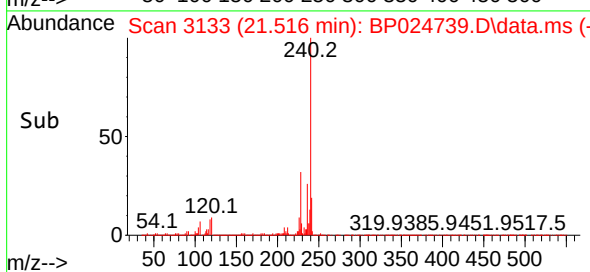
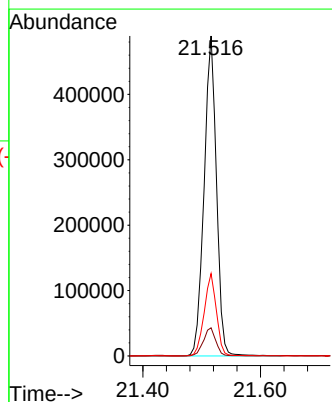
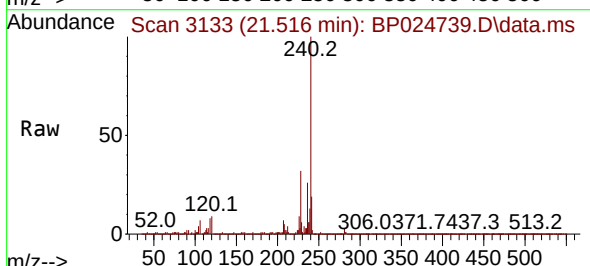
Instrument :
BNA_P
ClientSampleId :
PB168095BS

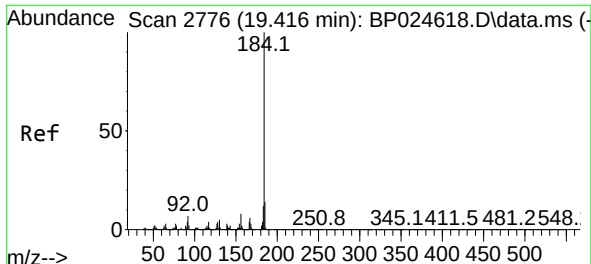
Tgt Ion:202 Resp: 1856015
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:240 Resp: 717958
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.7 20.6 31.0

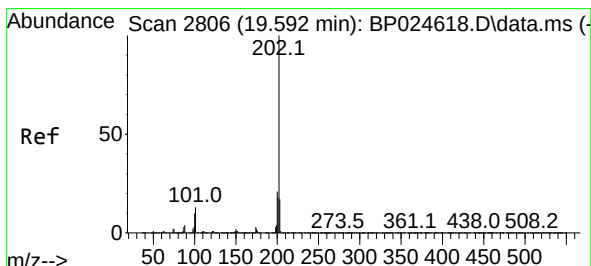
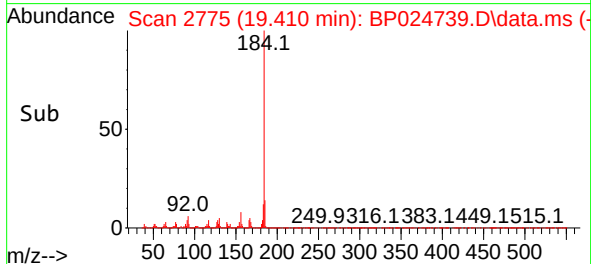
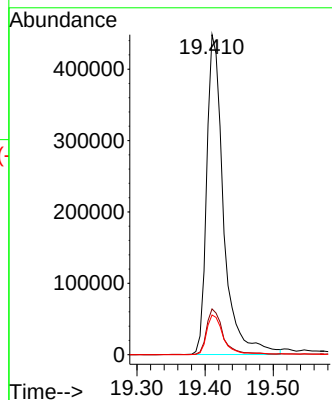
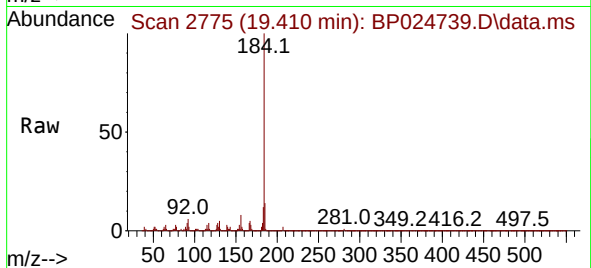




#77
Benzidine
Concen: 39.540 ng
RT: 19.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

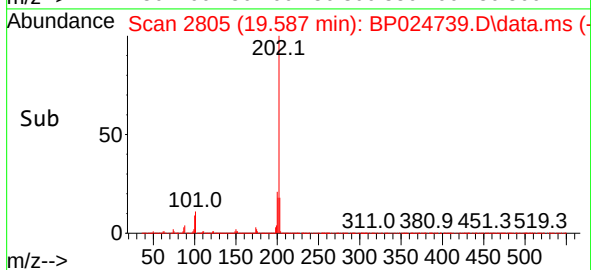
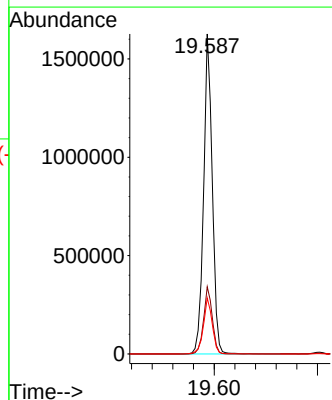
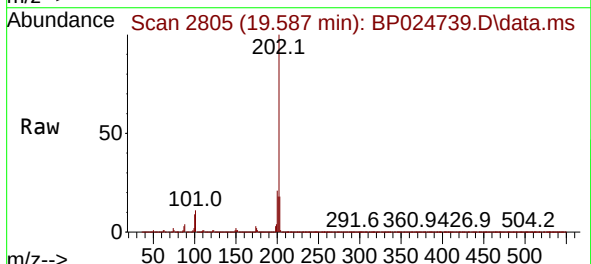
Instrument :
BNA_P
ClientSampleId :
PB168095BS

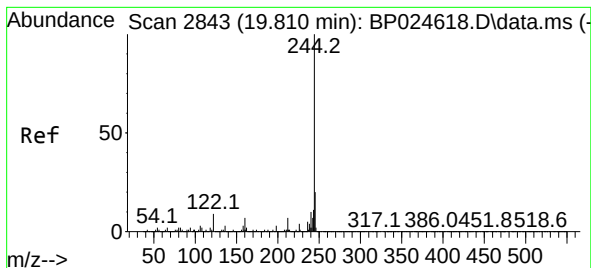
Tgt Ion:184 Resp: 773167
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 43.892 ng
RT: 19.587 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:202 Resp: 1888163
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 80.914 ng

RT: 19.804 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

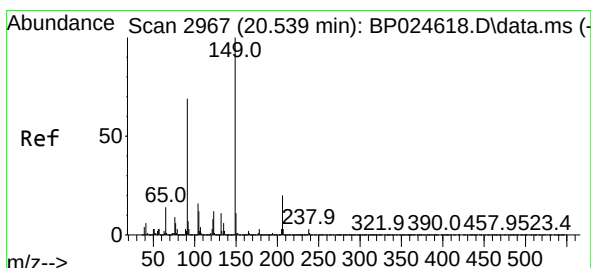
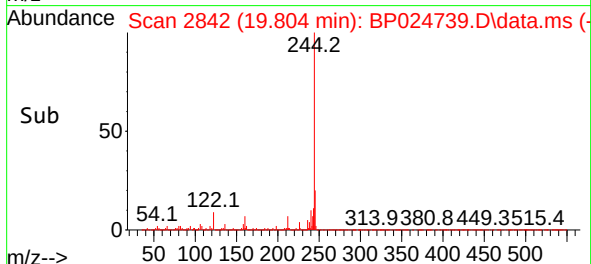
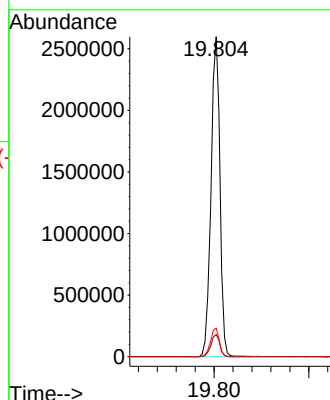
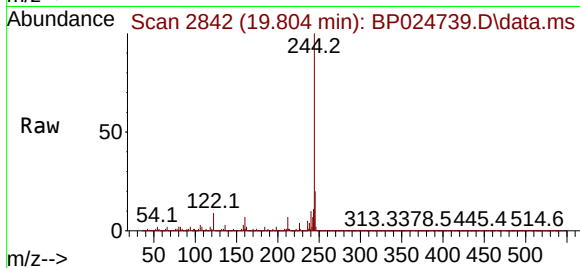
Tgt Ion:244 Resp: 3387954

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.9 7.4 11.0



#80

Butylbenzylphthalate

Concen: 46.611 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

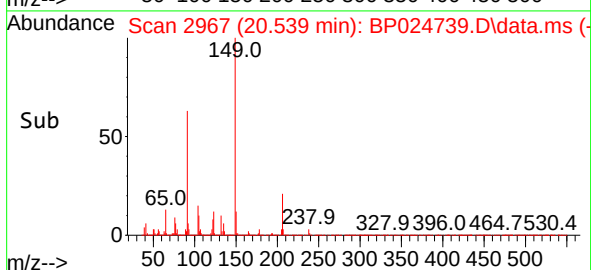
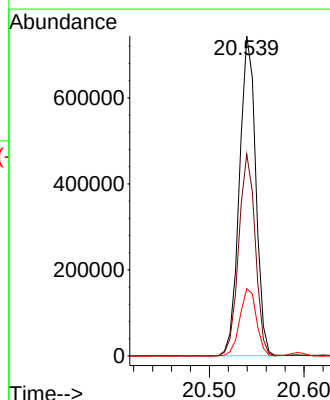
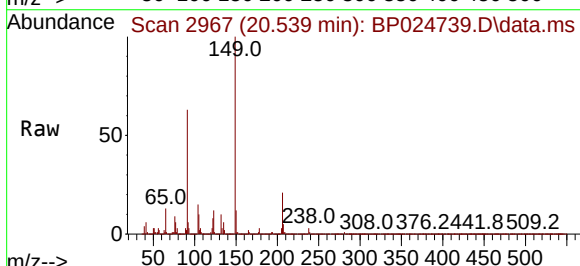
Tgt Ion:149 Resp: 891758

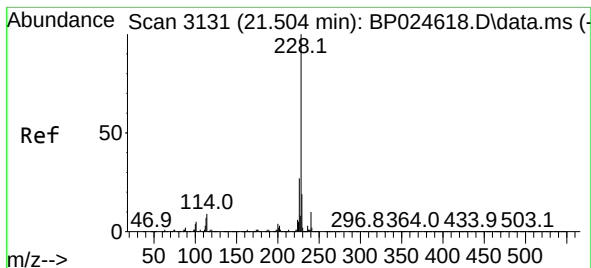
Ion Ratio Lower Upper

149 100

91 63.1 55.4 83.0

206 21.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.675 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

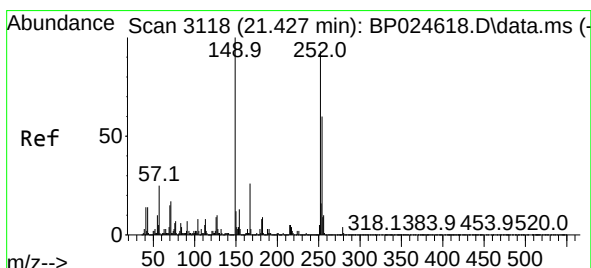
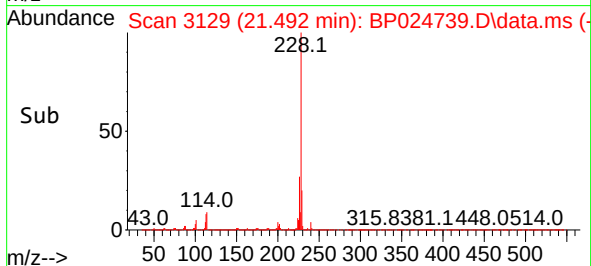
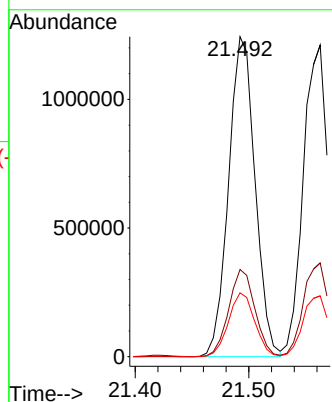
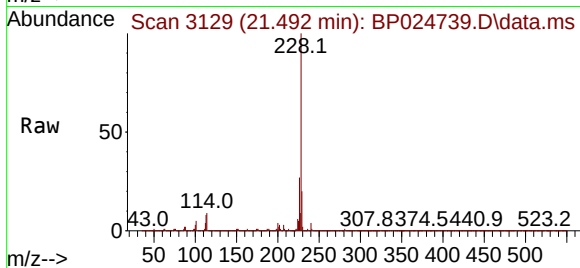
Tgt Ion:228 Resp: 2014036

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.884 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

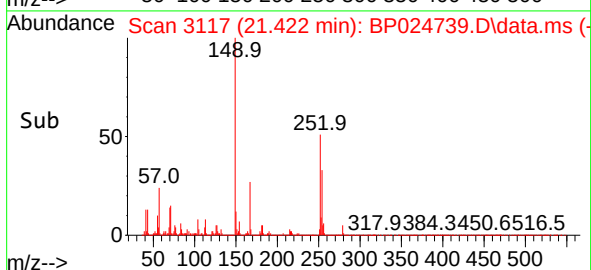
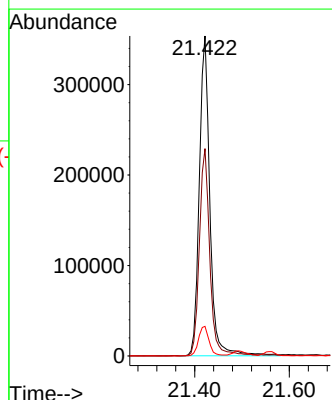
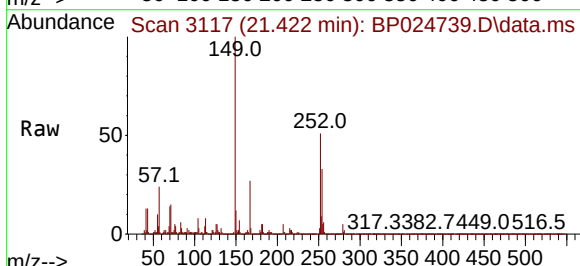
Tgt Ion:252 Resp: 550613

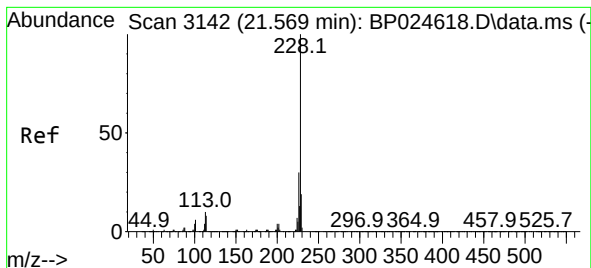
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 9.3 7.7 11.5





#83

Chrysene

Concen: 44.140 ng

RT: 21.563 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

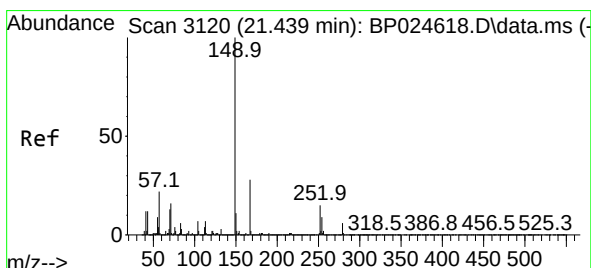
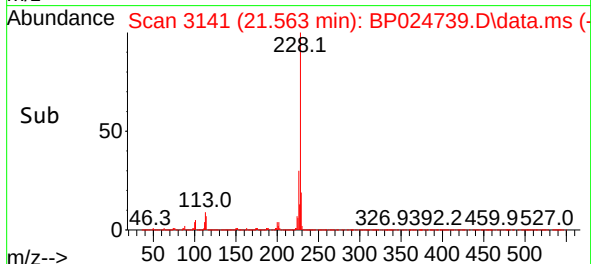
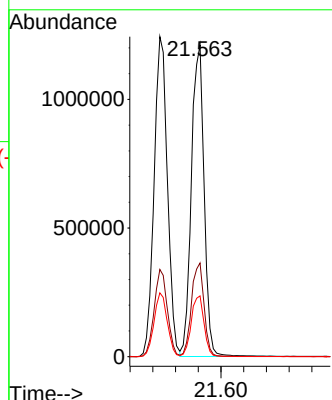
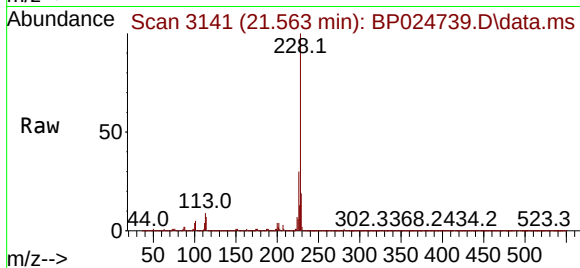
Tgt Ion:228 Resp: 1886331

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.669 ng

RT: 21.428 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

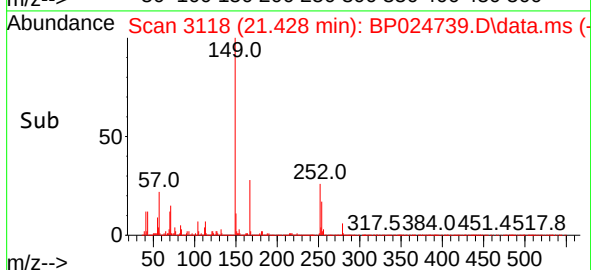
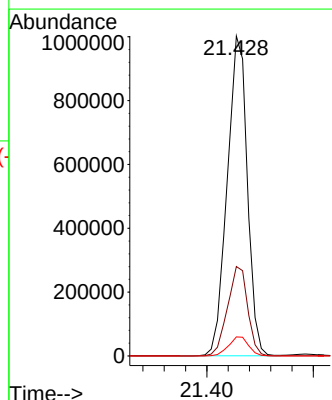
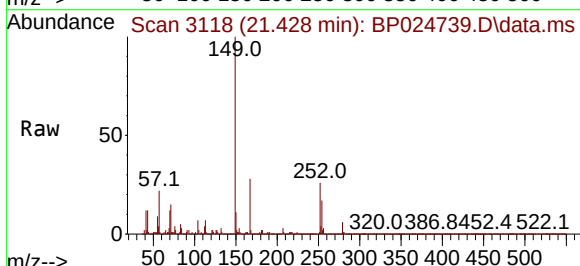
Tgt Ion:149 Resp: 1312376

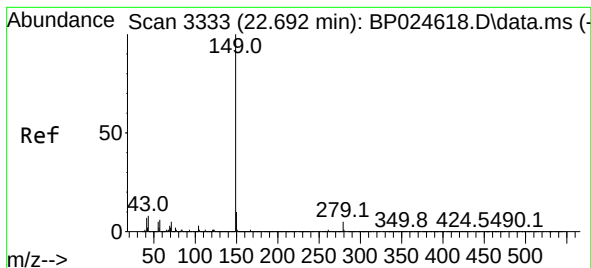
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 48.022 ng

RT: 22.675 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

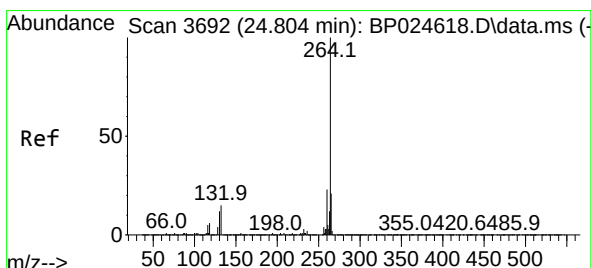
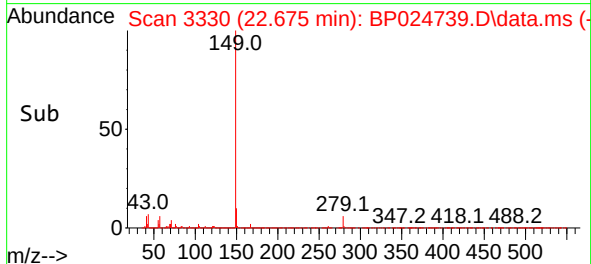
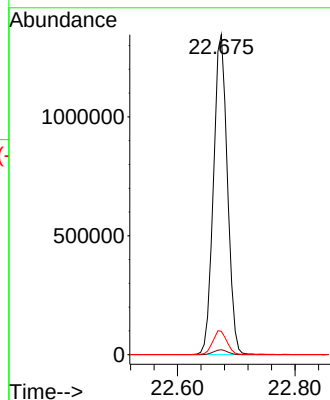
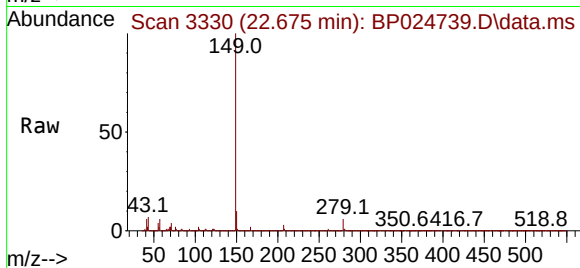
Tgt Ion:149 Resp: 2208309

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

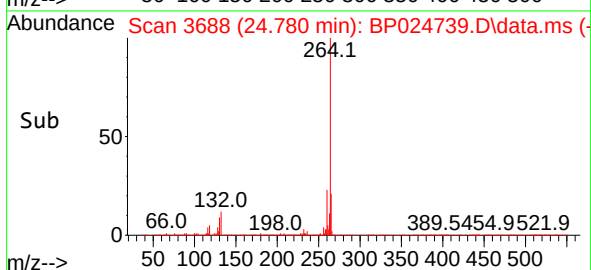
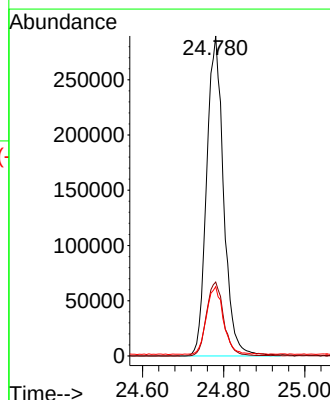
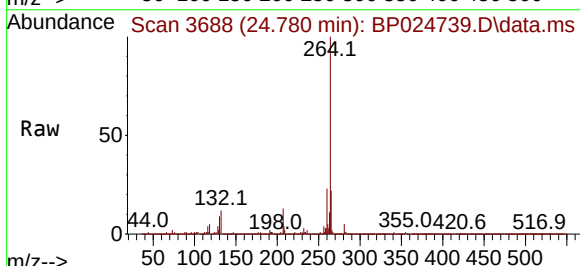
Tgt Ion:264 Resp: 839311

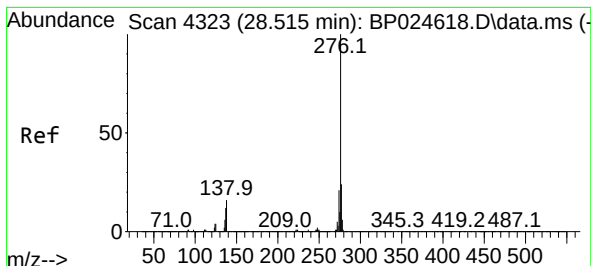
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.506 ng

RT: 28.504 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

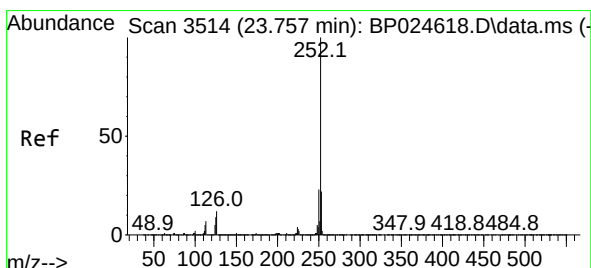
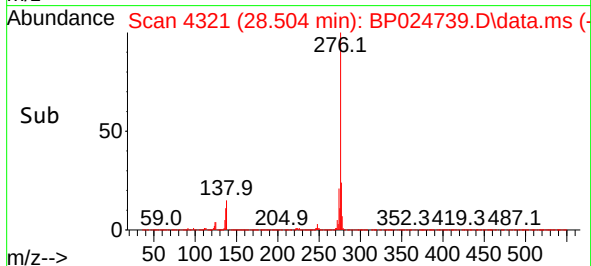
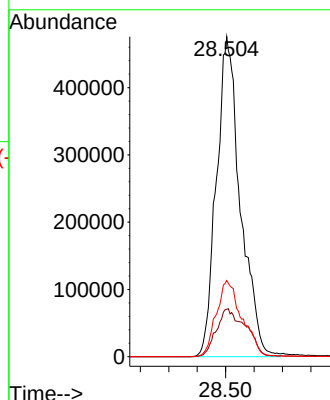
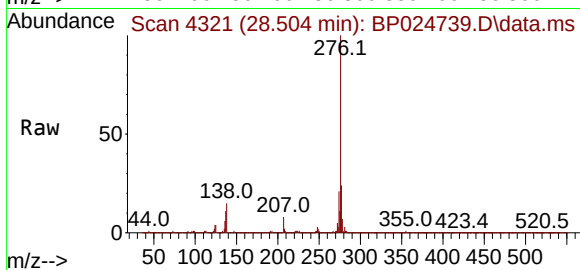
Tgt Ion:276 Resp: 2788355

Ion Ratio Lower Upper

276 100

138 18.3 11.2 16.8#

277 25.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 44.870 ng

RT: 23.757 min Scan# 3514

Delta R.T. 0.000 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

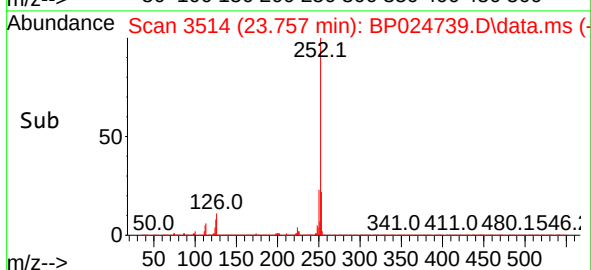
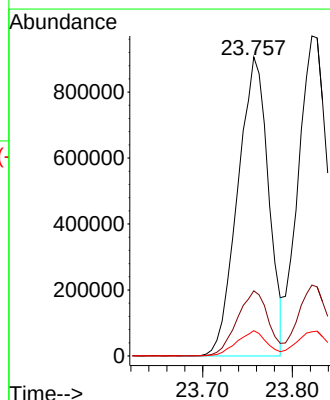
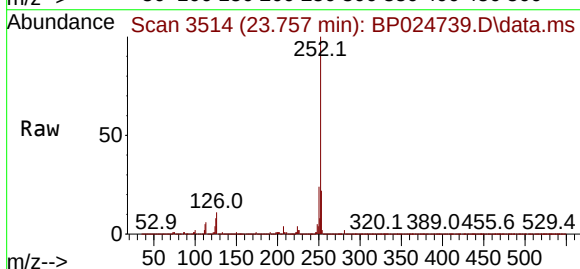
Tgt Ion:252 Resp: 2155576

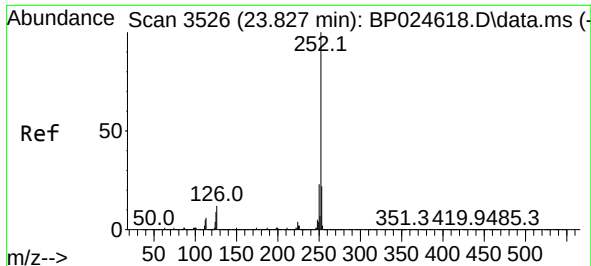
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.4 7.5 11.3

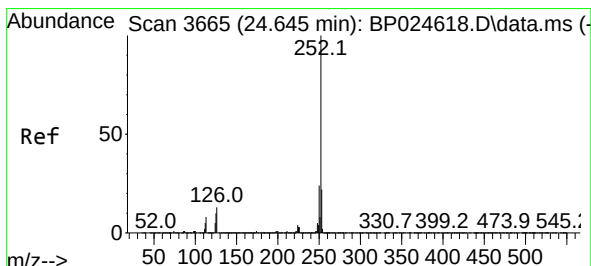
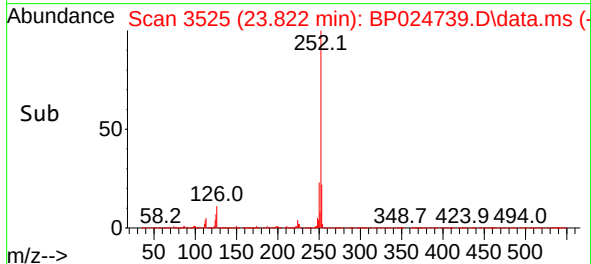
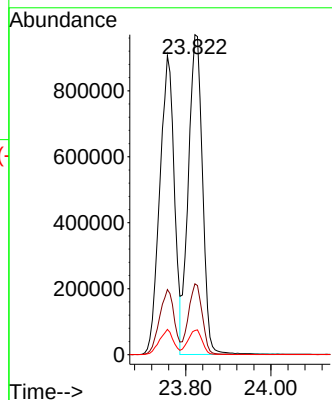
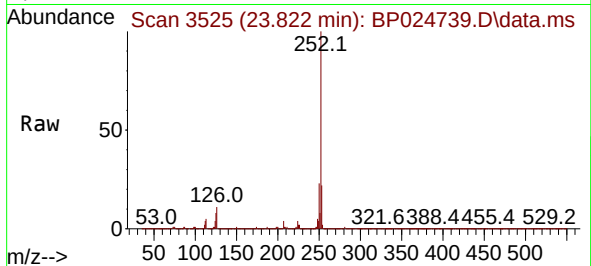




#89
Benzo(k)fluoranthene
Concen: 45.025 ng
RT: 23.822 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

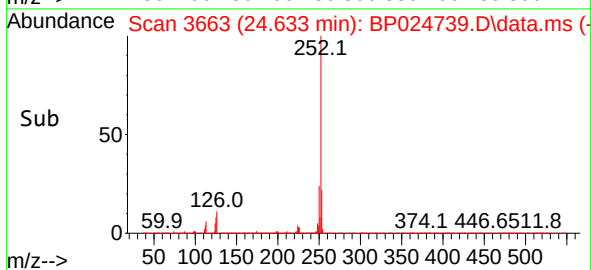
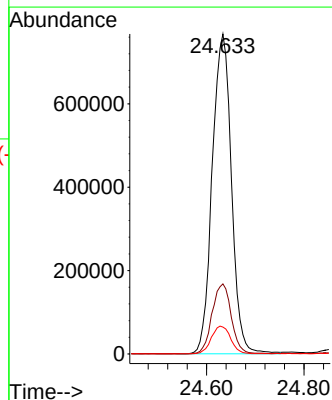
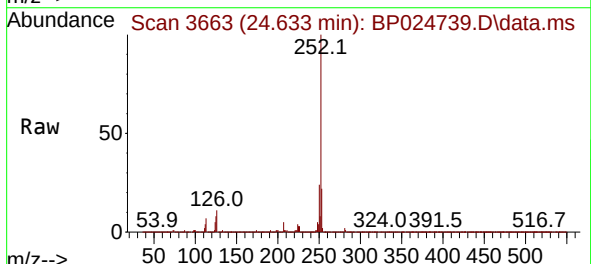
Instrument :
BNA_P
ClientSampleId :
PB168095BS

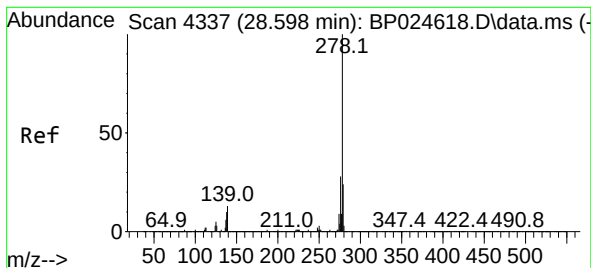
Tgt Ion:252 Resp: 2228869
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.5 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.462 ng
RT: 24.633 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP024739.D
Acq: 21 May 2025 16:09

Tgt Ion:252 Resp: 2097566
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.279 ng

RT: 28.563 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Instrument :

BNA_P

ClientSampleId :

PB168095BS

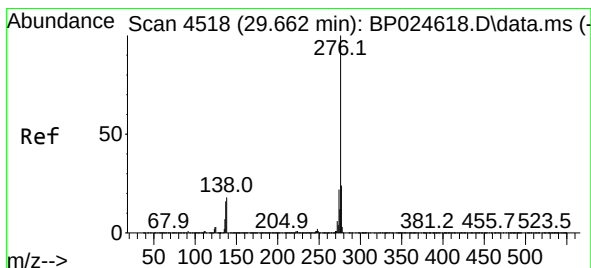
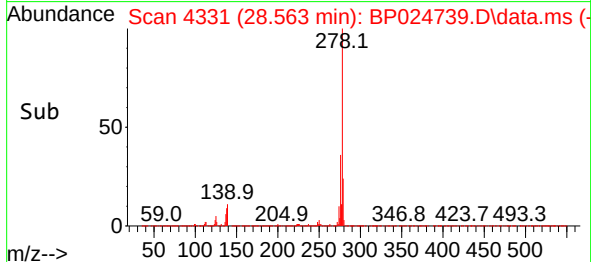
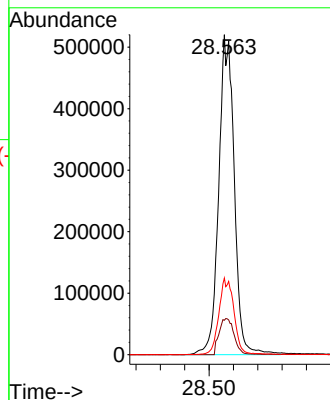
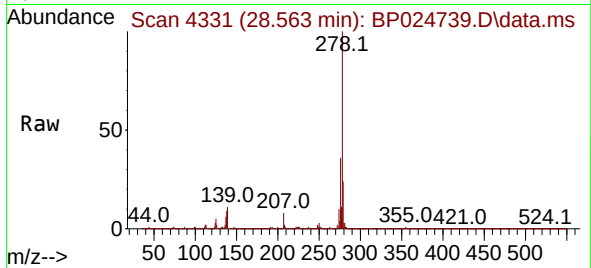
Tgt Ion:278 Resp: 2306937

Ion Ratio Lower Upper

278 100

139 10.7 10.2 15.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.831 ng

RT: 29.651 min Scan# 4516

Delta R.T. -0.011 min

Lab File: BP024739.D

Acq: 21 May 2025 16:09

Tgt Ion:276 Resp: 2222348

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.1 14.4 21.6

