

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024705.D
 Acq On : 20 May 2025 13:14
 Operator : RC/JU
 Sample : PB168052BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168052BS

Quant Time: May 20 13:39:16 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	7.651	152	131255	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	515313	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	320735	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	641657	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	731405	20.000	ng	-0.01
86) Perylene-d12	24.792	264	845958	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	991831	129.244	ng	0.00
7) Phenol-d6	6.863	99	1182734	120.758	ng	0.01
23) Nitrobenzene-d5	8.804	82	742014	72.755	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	761810	140.106	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1856188	75.821	ng	0.00
79) Terphenyl-d14	19.798	244	3354339	78.639	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	117773	32.683	ng	98
3) Pyridine	3.622	79	293143	36.687	ng	96
4) n-Nitrosodimethylamine	3.534	42	151056	42.822	ng	95
6) Aniline	6.999	93	369311	29.206	ng	99
8) 2-Chlorophenol	7.234	128	384015	44.080	ng	100
9) Benzaldehyde	6.810	77	213414	33.661	ng	99
10) Phenol	6.887	94	434172	42.950	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	321375	38.690	ng	99
12) 1,3-Dichlorobenzene	7.546	146	422337	42.137	ng	99
13) 1,4-Dichlorobenzene	7.687	146	428668	42.524	ng	98
14) 1,2-Dichlorobenzene	8.004	146	411468	41.889	ng	99
15) Benzyl Alcohol	7.904	79	315569	42.399	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	381374	38.338	ng	98
17) 2-Methylphenol	8.116	107	304934	42.058	ng	98
18) Hexachloroethane	8.716	117	157181	40.689	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	249186	36.780	ng	96
20) 3+4-Methylphenols	8.445	107	406095	41.176	ng	95
22) Acetophenone	8.469	105	547352	42.522	ng	# 99
24) Nitrobenzene	8.845	77	384686	42.861	ng	97
25) Isophorone	9.369	82	697103	39.404	ng	99
26) 2-Nitrophenol	9.545	139	207867	47.264	ng	97
27) 2,4-Dimethylphenol	9.622	122	351044	45.272	ng	98
28) bis(2-Chloroethoxy)met...	9.840	93	423990	40.115	ng	98
29) 2,4-Dichlorophenol	10.098	162	348864	46.428	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	380200	44.901	ng	99
31) Naphthalene	10.469	128	1155472	43.270	ng	99
32) Benzoic acid	9.804	122	219724	41.839	ng	99
33) 4-Chloroaniline	10.598	127	253333	23.509	ng	98
34) Hexachlorobutadiene	10.757	225	247859	45.186	ng	98
35) Caprolactam	11.392	113	117156	43.094	ng	97
36) 4-Chloro-3-methylphenol	11.739	107	400392	43.695	ng	98
37) 2-Methylnaphthalene	12.081	142	735333	42.527	ng	100
38) 1-Methylnaphthalene	12.304	142	774790	41.878	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	429917	46.159	ng	99
41) Hexachlorocyclopentadiene	12.434	237	544630	96.436	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	291678	48.350	ng	98

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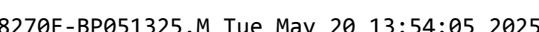
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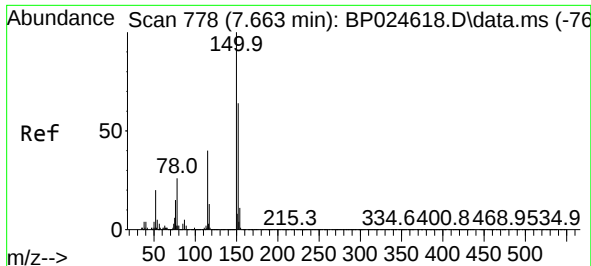
Quant Time: May 20 13:39:16 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	320947	47.795	ng	98
46) 1,1'-Biphenyl	13.104	154	1061178	44.764	ng	100
47) 2-Chloronaphthalene	13.145	162	817893	45.250	ng	98
48) 2-Nitroaniline	13.369	65	240596	44.960	ng	96
49) Acenaphthylene	14.004	152	1334163	44.107	ng	100
50) Dimethylphthalate	13.745	163	1057648	43.264	ng	100
51) 2,6-Dinitrotoluene	13.869	165	226756	43.920	ng	100
52) Acenaphthene	14.351	154	758717	43.631	ng	100
53) 3-Nitroaniline	14.210	138	155750	29.544	ng	99
54) 2,4-Dinitrophenol	14.422	184	290130	88.385	ng	97
55) Dibenzofuran	14.692	168	1213439	43.748	ng	99
56) 4-Nitrophenol	14.569	139	367513	80.496	ng	97
57) 2,4-Dinitrotoluene	14.669	165	344549	47.336	ng	98
58) Fluorene	15.351	166	1016249	44.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	293264	47.078	ng	98
60) Diethylphthalate	15.128	149	1091616	44.180	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	503728	44.661	ng	98
62) 4-Nitroaniline	15.386	138	224374	44.079	ng	98
63) Azobenzene	15.639	77	909240	43.016	ng	97
65) 4,6-Dinitro-2-methylph...	15.445	198	198459	47.883	ng	97
66) n-Nitrosodiphenylamine	15.569	169	892757	45.297	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	353232	46.718	ng	97
68) Hexachlorobenzene	16.374	284	447882	46.618	ng	97
69) Atrazine	16.545	200	339746	47.038	ng	99
70) Pentachlorophenol	16.733	266	565886	104.926	ng	99
71) Phenanthrene	17.122	178	1585195	44.440	ng	100
72) Anthracene	17.221	178	1649260	45.955	ng	100
73) Carbazole	17.504	167	1498786	46.141	ng	100
74) Di-n-butylphthalate	18.092	149	1905276	45.607	ng	99
75) Fluoranthene	19.210	202	1883292	45.167	ng	99
77) Benzidine	19.410	184	865814	43.463	ng	99
78) Pyrene	19.580	202	1980054	45.182	ng	99
80) Butylbenzylphthalate	20.533	149	896959	46.021	ng	96
81) Benzo(a)anthracene	21.492	228	2053455	44.712	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	592220	34.718	ng	100
83) Chrysene	21.557	228	1950677	44.806	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1318743	46.034	ng	99
85) Di-n-octyl phthalate	22.680	149	2259680	48.236	ng	99
87) Indeno(1,2,3-cd)pyrene	28.509	276	2808165	45.469	ng	# 92
88) Benzo(b)fluoranthene	23.756	252	2233491	46.126	ng	99
89) Benzo(k)fluoranthene	23.821	252	2270983	45.515	ng	100
90) Benzo(a)pyrene	24.639	252	2133961	45.887	ng	99
91) Dibenzo(a,h)anthracene	28.580	278	2300458	45.786	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2241059	44.853	ng	98

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

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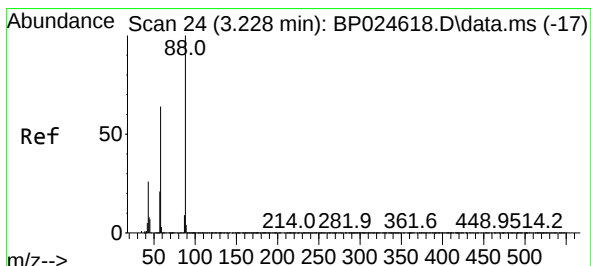
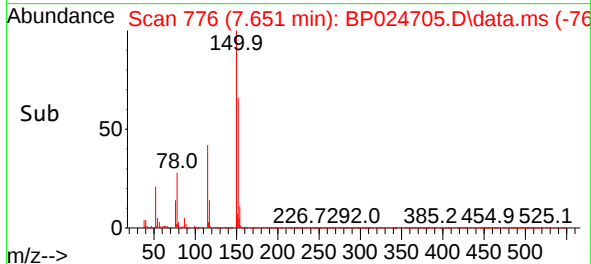
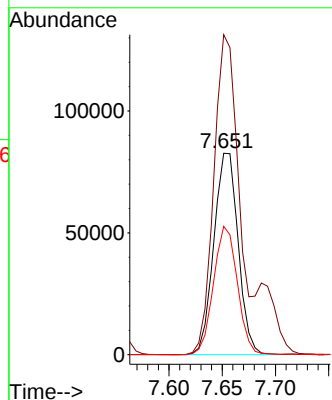
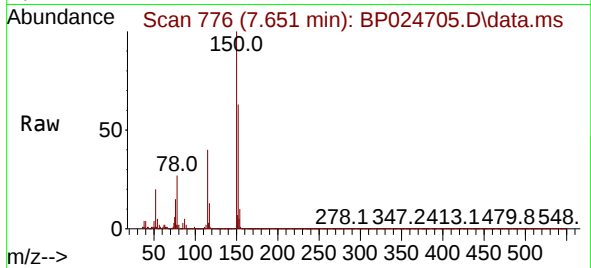




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 776
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

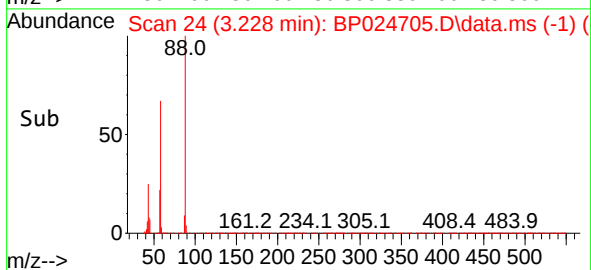
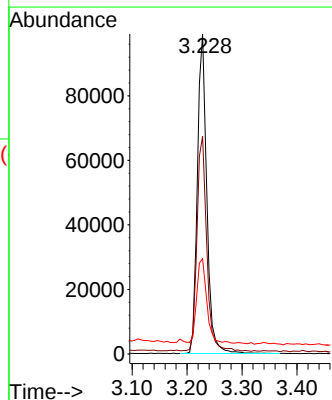
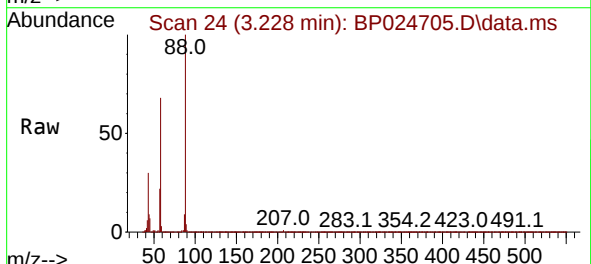
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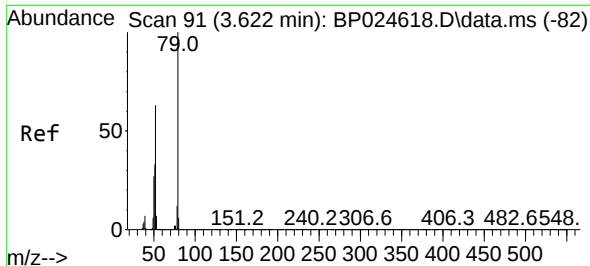
Tgt Ion:152 Resp: 131255
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 63.7 50.1 75.1



#2
1,4-Dioxane
Concen: 32.683 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 88 Resp: 117773
Ion Ratio Lower Upper
88 100
58 69.6 54.0 81.0
43 27.9 21.4 32.0

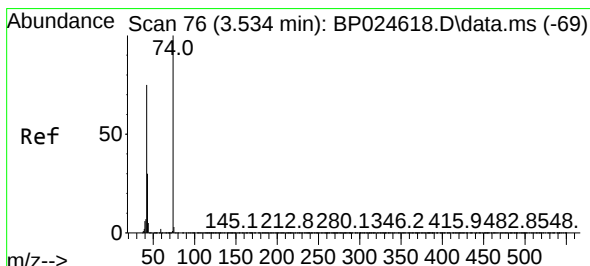
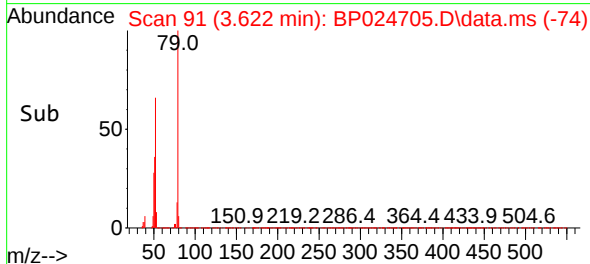
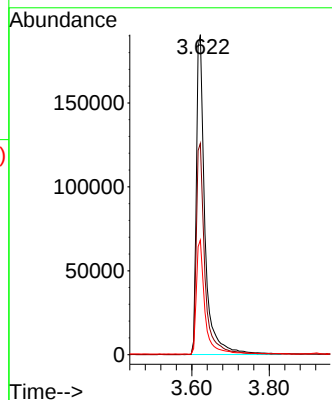
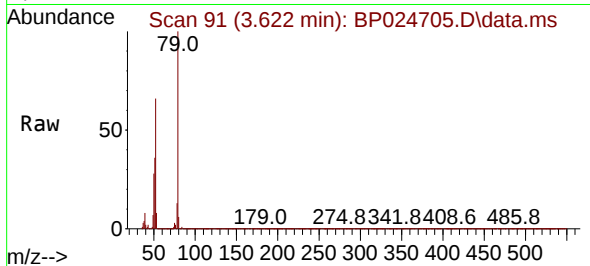




#3
 Pyridine
 Concen: 36.687 ng
 RT: 3.622 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BP024705.D
 Acq: 20 May 2025 13:14

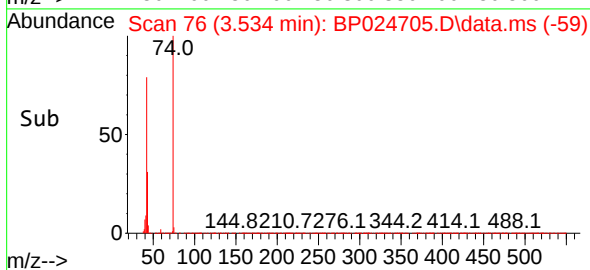
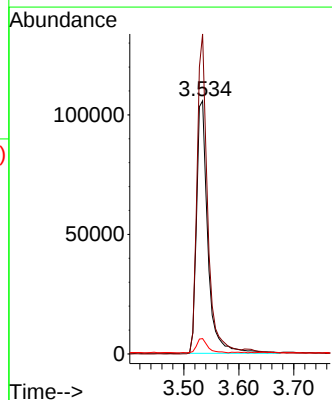
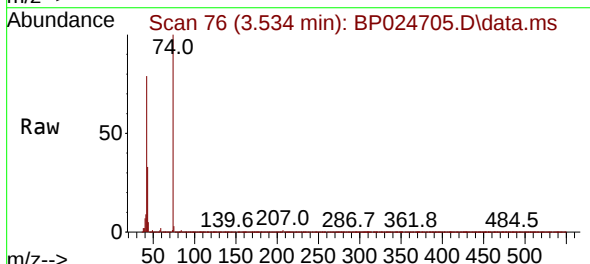
Instrument :
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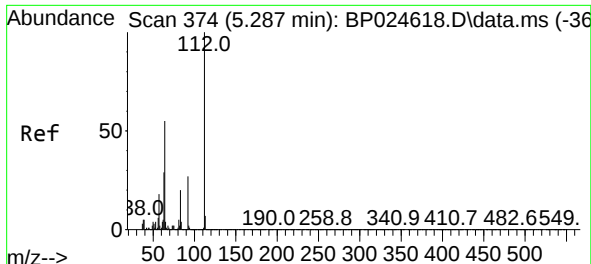
Tgt Ion: 79 Resp: 293143
 Ion Ratio Lower Upper
 79 100
 52 66.0 50.2 75.2
 51 35.8 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 42.822 ng
 RT: 3.534 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: BP024705.D
 Acq: 20 May 2025 13:14

Tgt Ion: 42 Resp: 151056
 Ion Ratio Lower Upper
 42 100
 74 126.4 106.2 159.2
 44 6.1 5.4 8.2

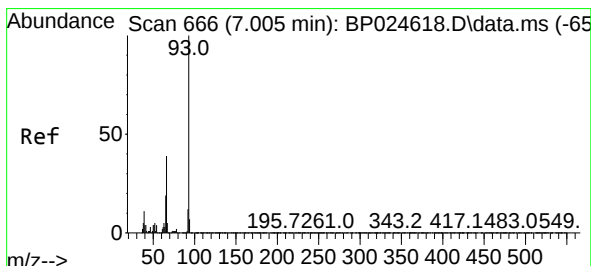
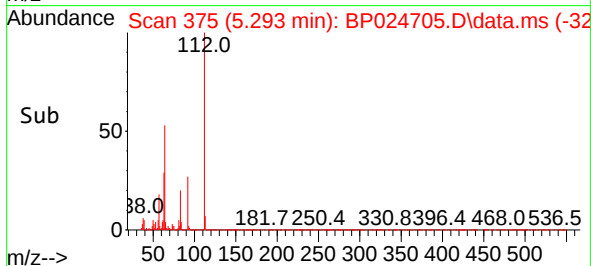
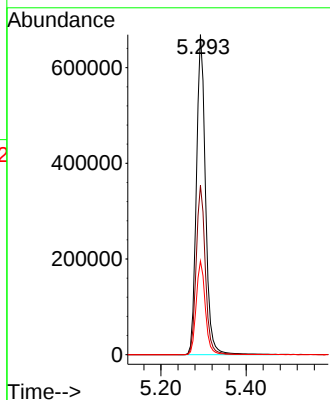
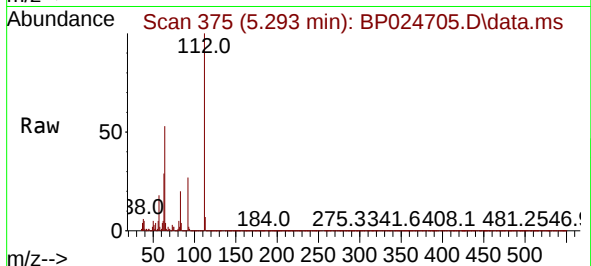




#5
2-Fluorophenol
Concen: 129.244 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

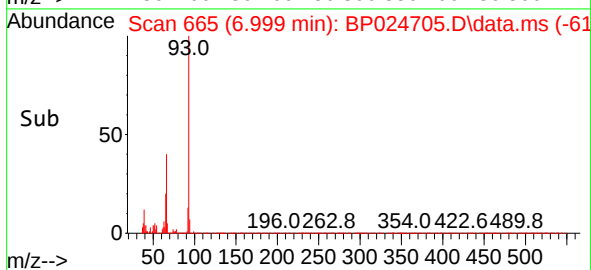
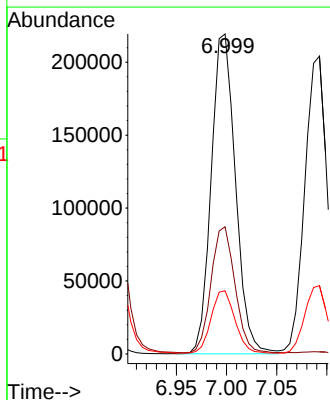
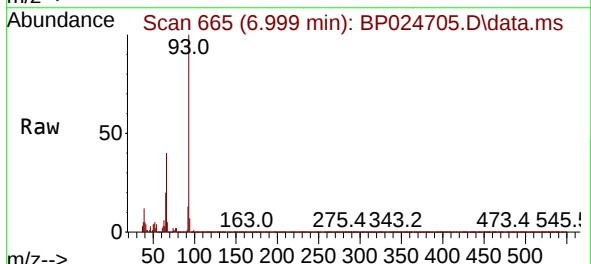
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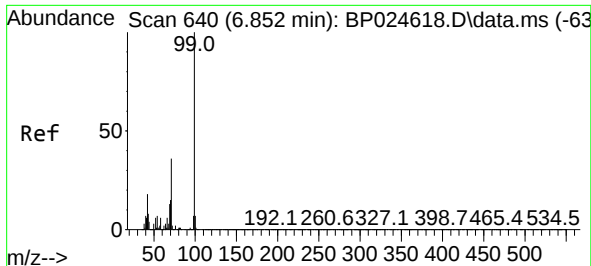
Tgt Ion:112 Resp: 991831
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 29.3 23.5 35.3



#6
Aniline
Concen: 29.206 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 93 Resp: 369311
Ion Ratio Lower Upper
93 100
66 39.8 31.0 46.6
65 19.7 15.5 23.3



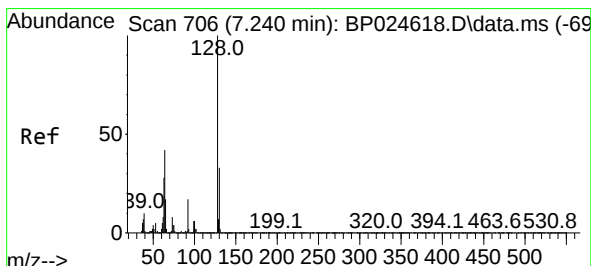
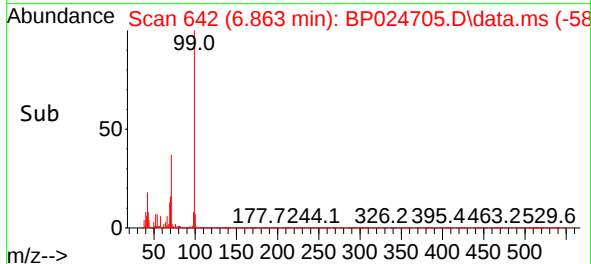
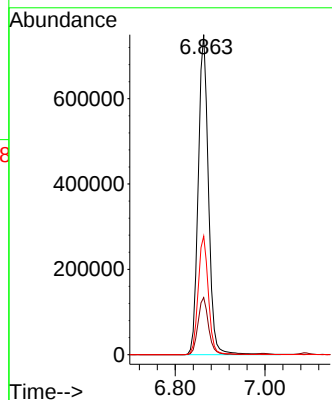
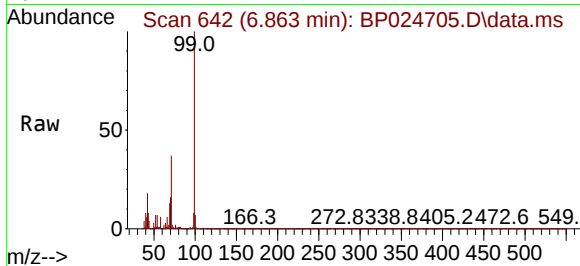


#7
Phenol-d6
Concen: 120.758 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Instrument :
BNA_P
ClientSampleId :
PB168052BS

Tgt Ion: 99 Resp: 1182734

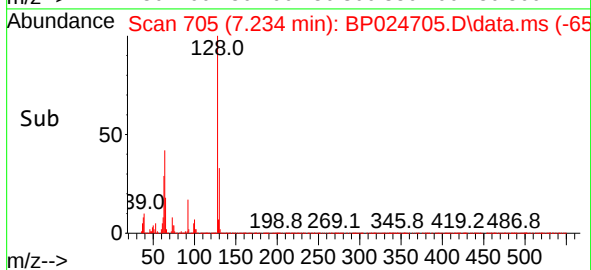
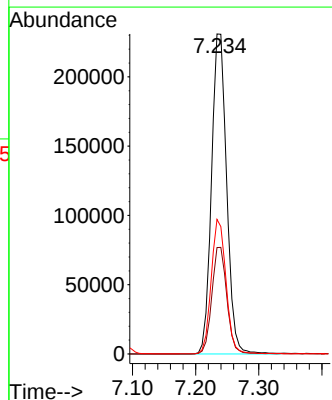
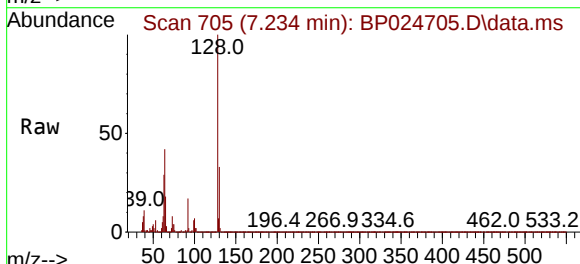
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	37.0	29.2	43.8

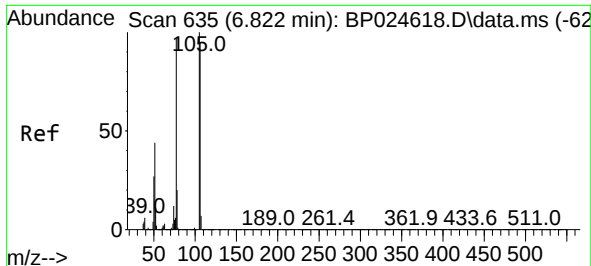


#8
2-Chlorophenol
Concen: 44.080 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 128 Resp: 384015

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	42.1	22.3	62.3

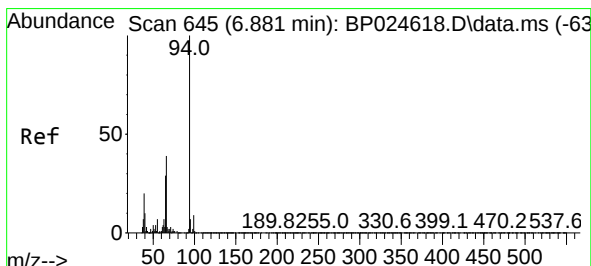
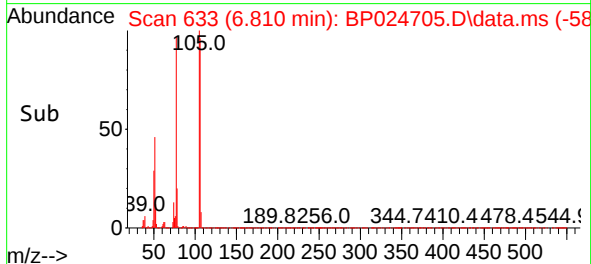
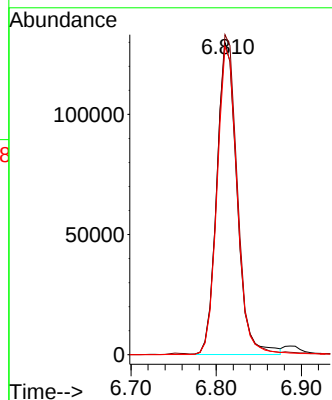
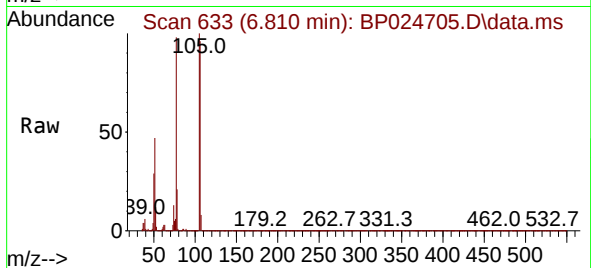




#9
Benzaldehyde
Concen: 33.661 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

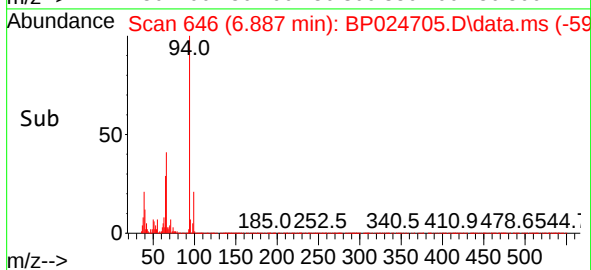
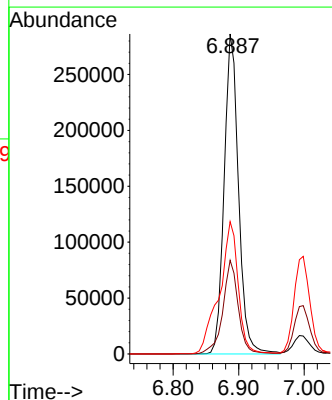
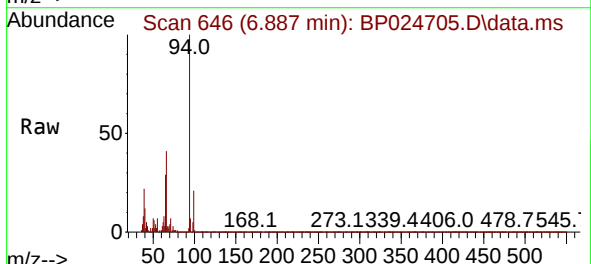
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 213414
Ion Ratio Lower Upper
77 100
105 102.5 83.3 123.3
106 98.8 78.0 118.0



#10
Phenol
Concen: 42.950 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 94 Resp: 434172
Ion Ratio Lower Upper
94 100
65 29.2 8.7 48.7
66 41.3 19.4 59.4

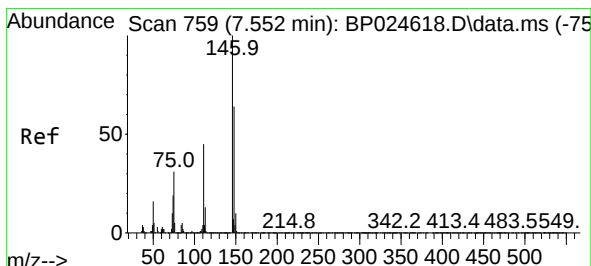
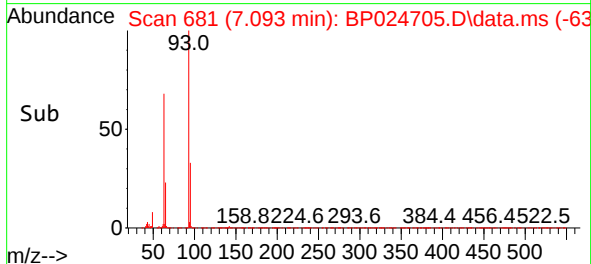
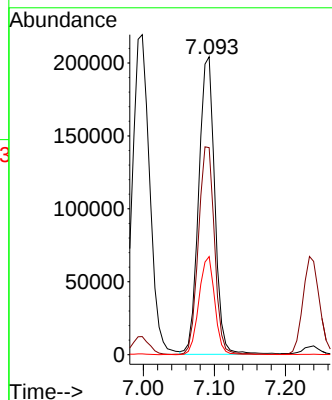
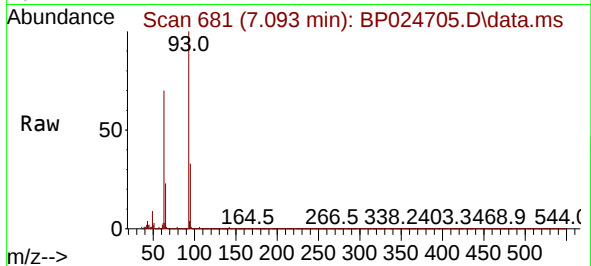




#11
bis(2-Chloroethyl)ether
Concen: 38.690 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

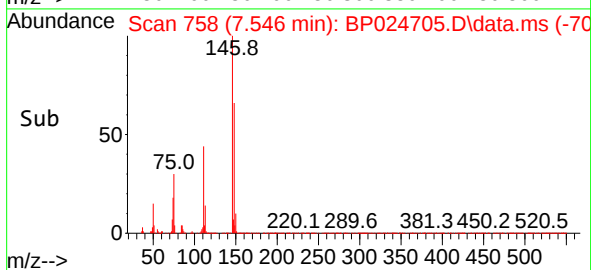
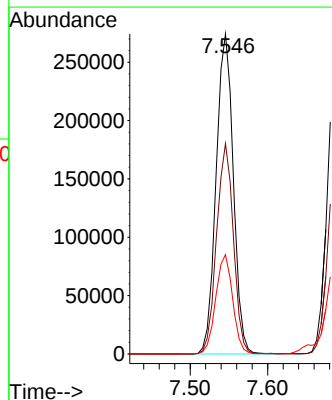
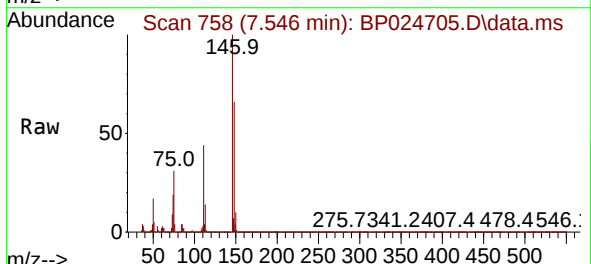
Instrument :
BNA_P
ClientSampleId :
PB168052BS

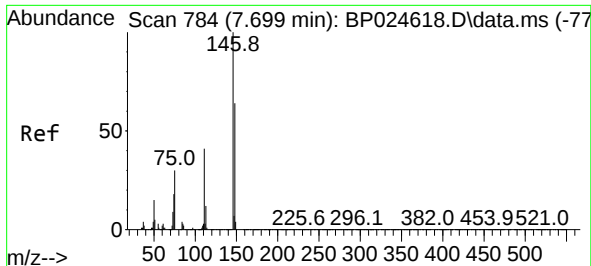
Tgt Ion: 93 Resp: 321375
Ion Ratio Lower Upper
93 100
63 69.5 50.6 90.6
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.137 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 146 Resp: 422337
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.2
75 31.1 25.2 37.8

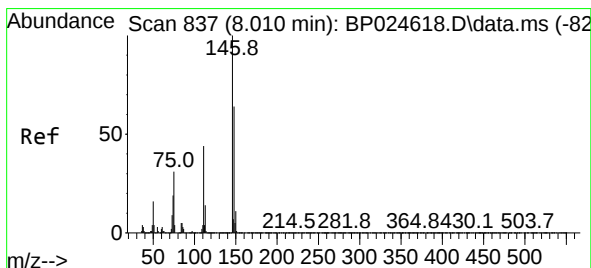
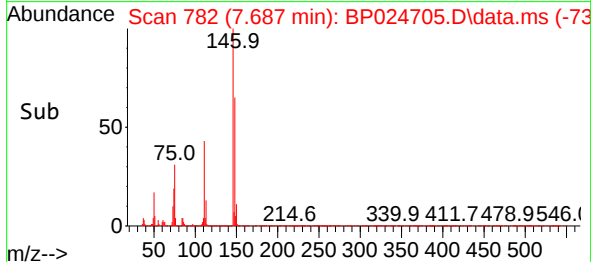
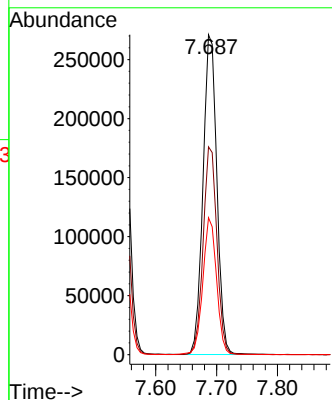
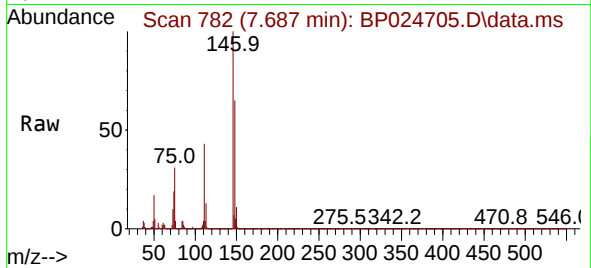




#13
1,4-Dichlorobenzene
Concen: 42.524 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

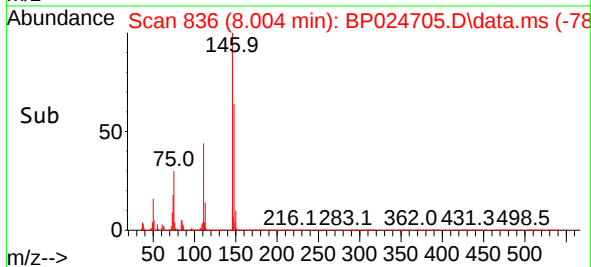
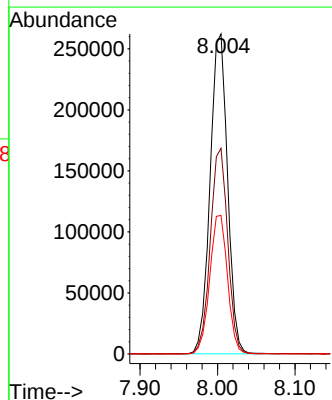
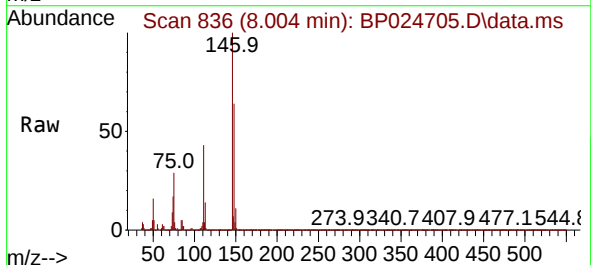
Instrument :
BNA_P
ClientSampleId :
PB168052BS

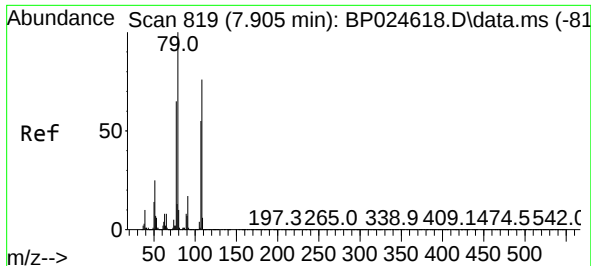
Tgt Ion:146 Resp: 428668
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 42.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 41.889 ng
RT: 8.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:146 Resp: 411468
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.3 35.2 52.8

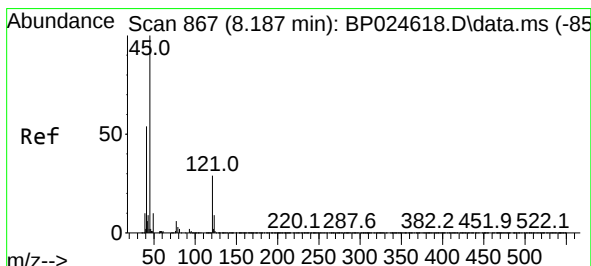
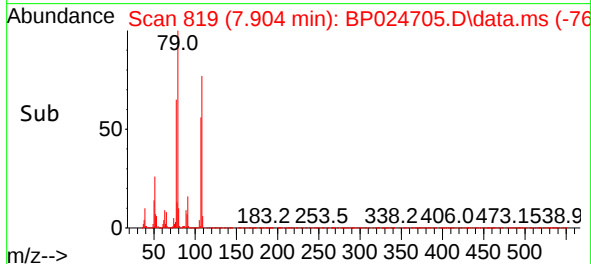
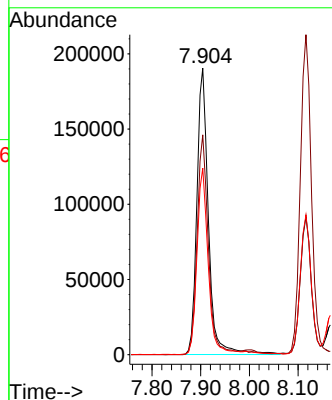
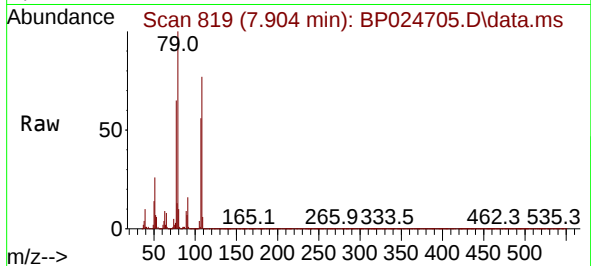




#15
Benzyl Alcohol
Concen: 42.399 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

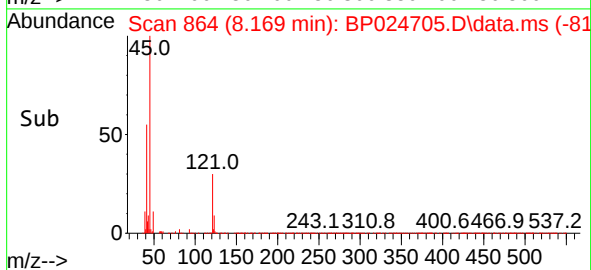
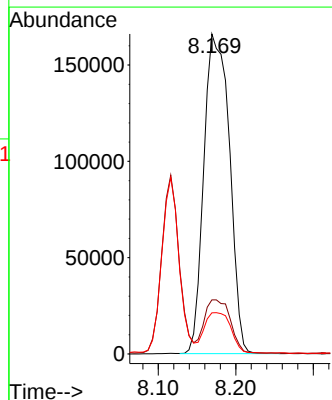
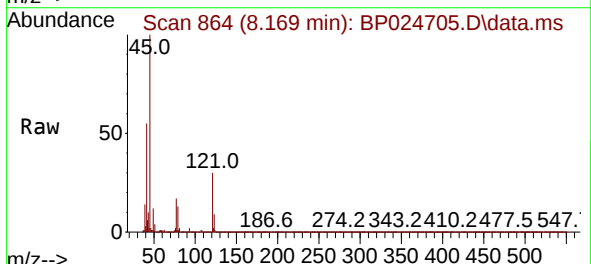
Instrument :
BNA_P
ClientSampleId :
PB168052BS

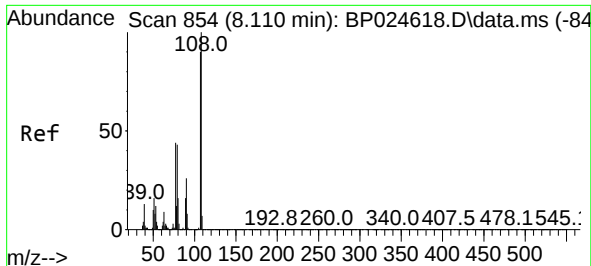
Tgt Ion: 79 Resp: 315569
Ion Ratio Lower Upper
79 100
108 76.7 60.8 91.2
77 65.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.338 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 45 Resp: 381374
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.7
79 12.8 0.0 34.0

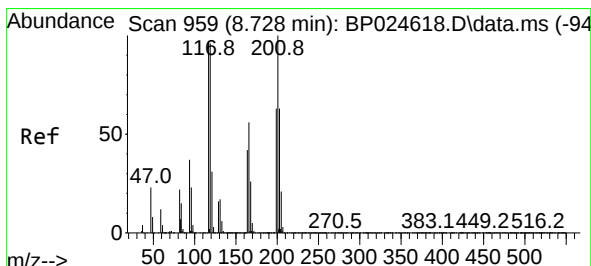
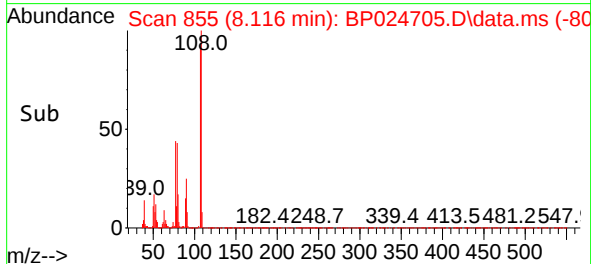
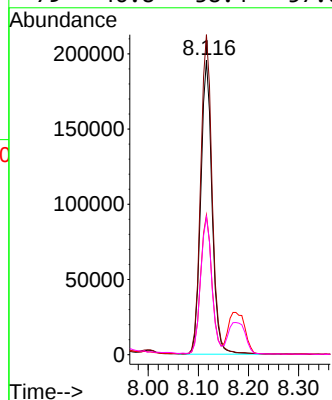
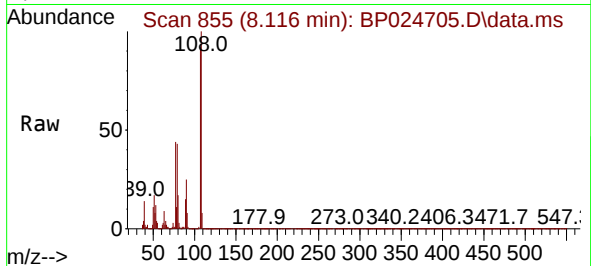




#17
2-Methylphenol
Concen: 42.058 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

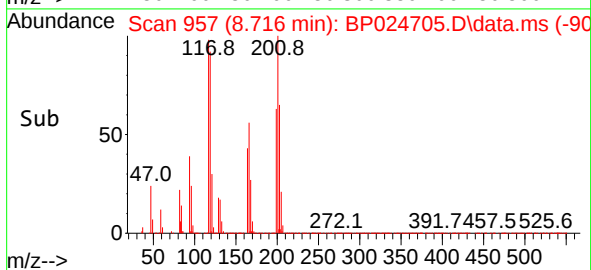
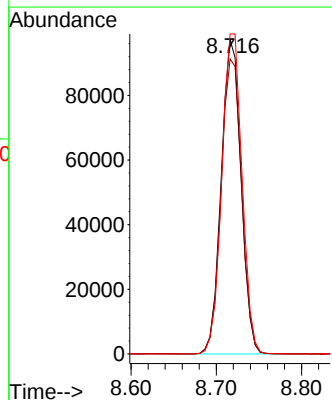
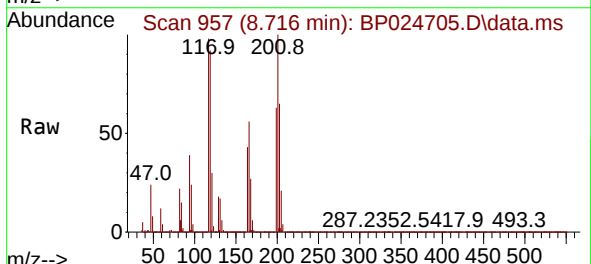
Instrument :
BNA_P
ClientSampleId :
PB168052BS

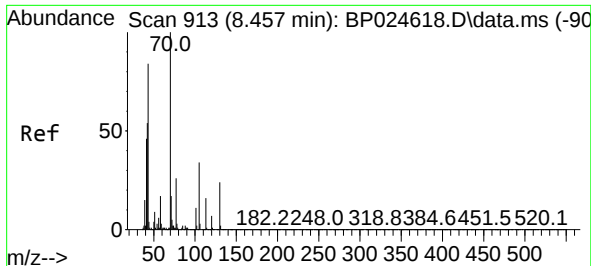
Tgt Ion:	107	Resp:	304934
Ion	Ratio	Lower	Upper
107	100		
108	108.7	88.9	133.3
77	47.4	39.0	58.6
79	46.8	38.4	57.6



#18
Hexachloroethane
Concen: 40.689 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:	117	Resp:	157181
Ion	Ratio	Lower	Upper
117	100		
119	93.9	79.4	119.0
201	101.8	82.7	124.1



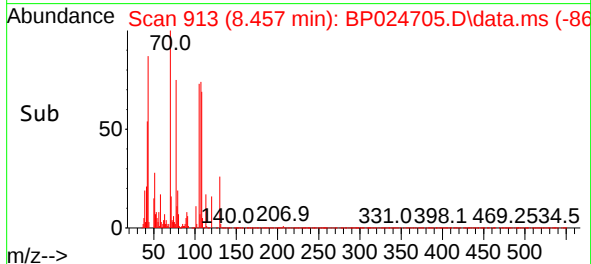
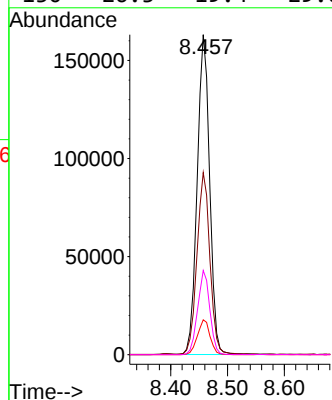
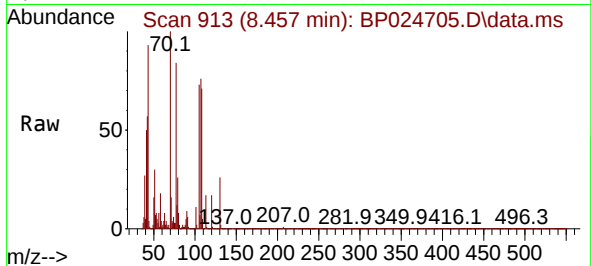


#19
n-Nitroso-di-n-propylamine
Concen: 36.780 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Instrument :
BNA_P
ClientSampleId :
PB168052BS

Tgt Ion: 70 Resp: 249186

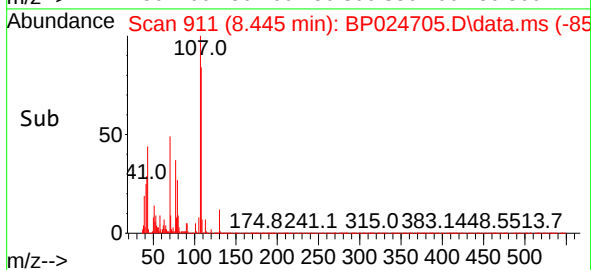
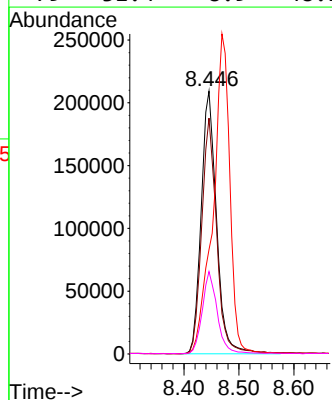
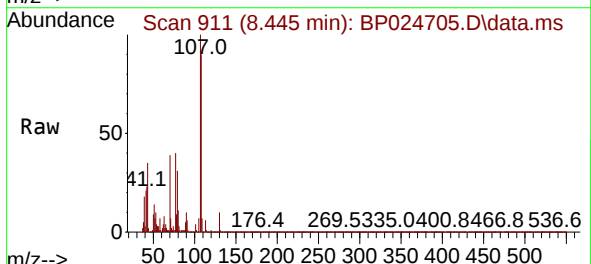
Ion	Ratio	Lower	Upper
70	100		
42	56.9	43.0	64.6
101	10.9	8.7	13.1
130	26.3	19.4	29.0

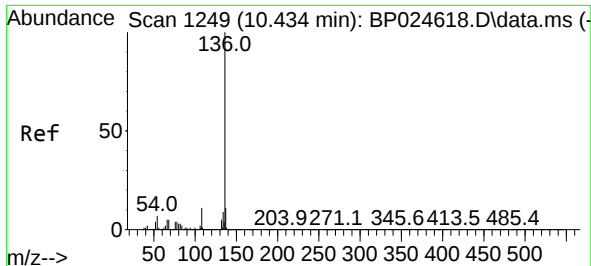


#20
3+4-Methylphenols
Concen: 41.176 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 107 Resp: 406095

Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.7	106.7
77	39.7	13.1	53.1
79	31.4	8.9	48.9

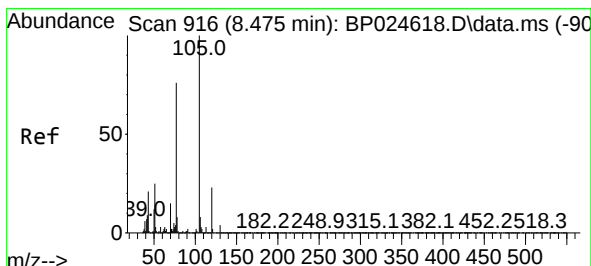
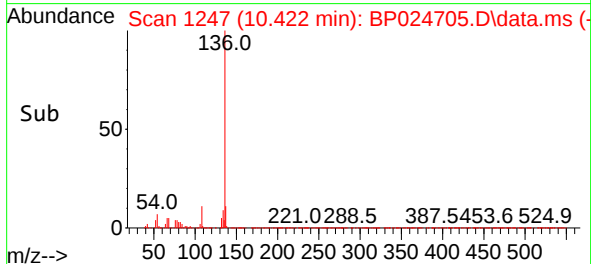
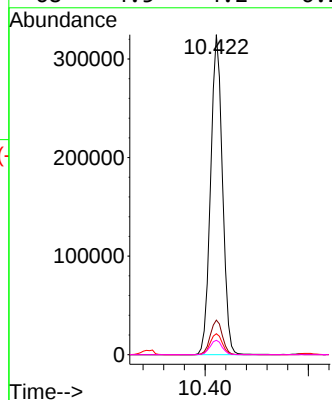
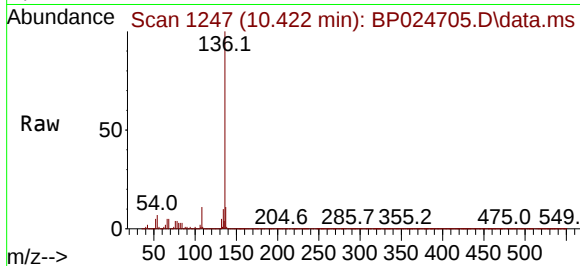




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

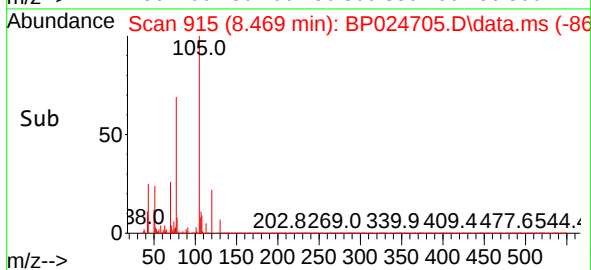
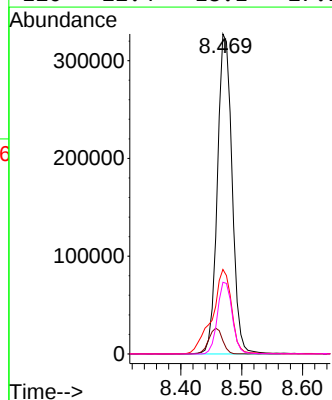
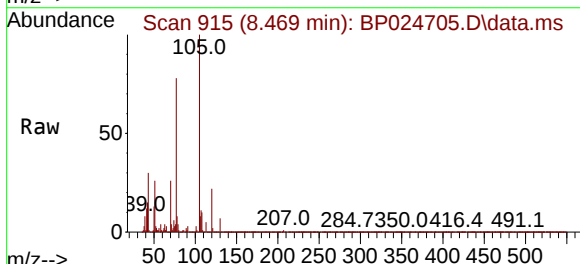
Instrument :
BNA_P
ClientSampleId :
PB168052BS

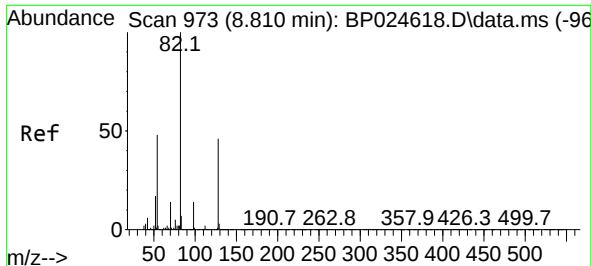
Tgt Ion:	136	Resp:	515313
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.5	8.3
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 42.522 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:	105	Resp:	547352
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.0	3.0
51	26.4	20.4	30.6
120	22.4	18.1	27.1

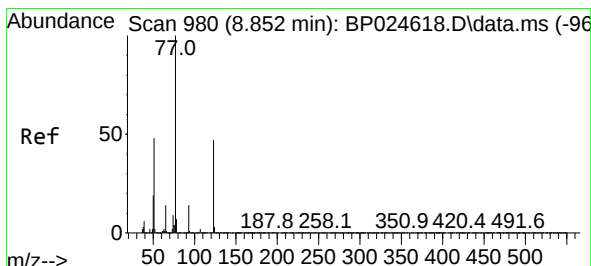
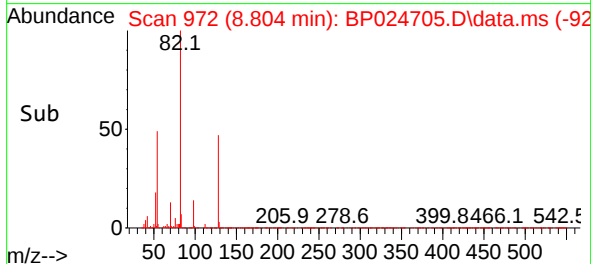
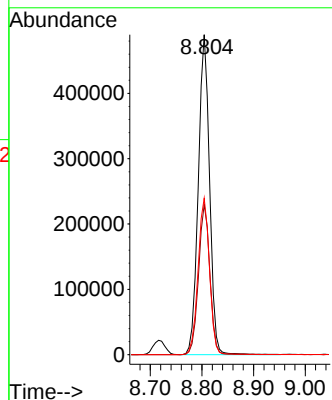
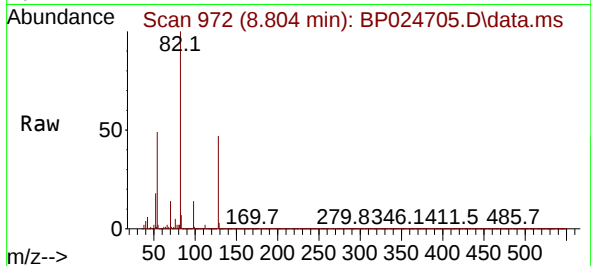




#23
Nitrobenzene-d5
Concen: 72.755 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

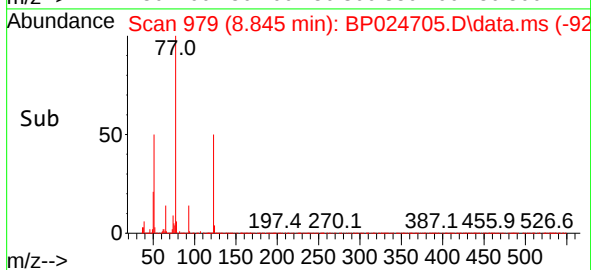
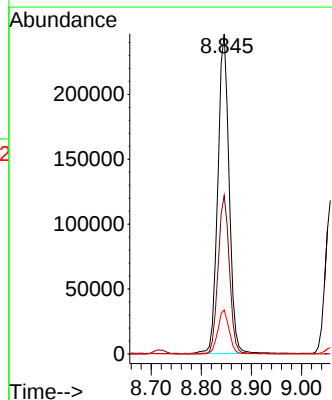
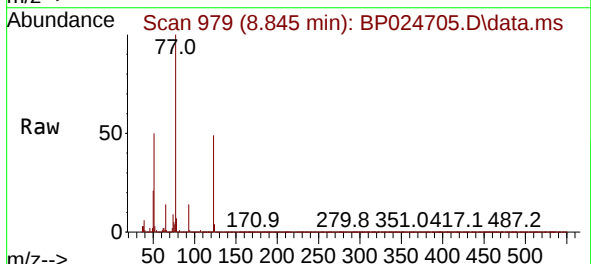
Instrument :
BNA_P
ClientSampleId :
PB168052BS

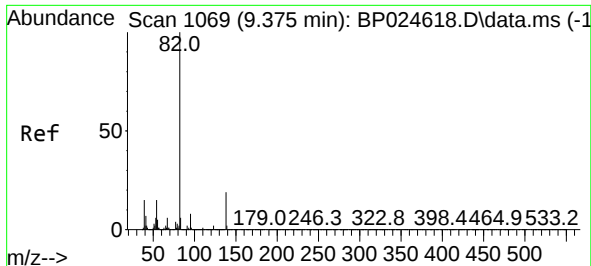
Tgt Ion: 82 Resp: 742014
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 48.9 38.7 58.1



#24
Nitrobenzene
Concen: 42.861 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 77 Resp: 384686
Ion Ratio Lower Upper
77 100
123 49.5 37.4 56.0
65 13.7 11.3 16.9

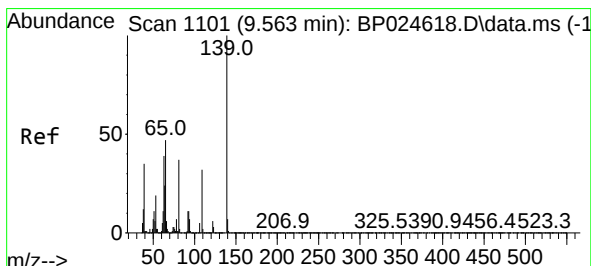
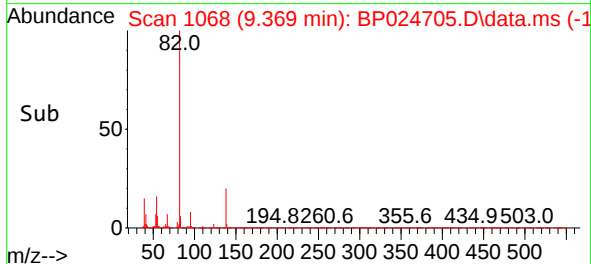
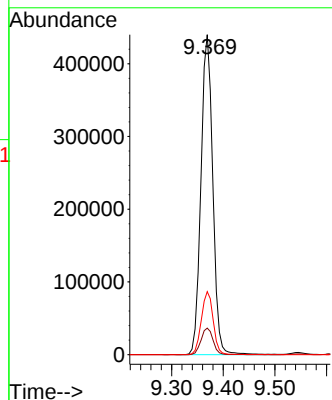
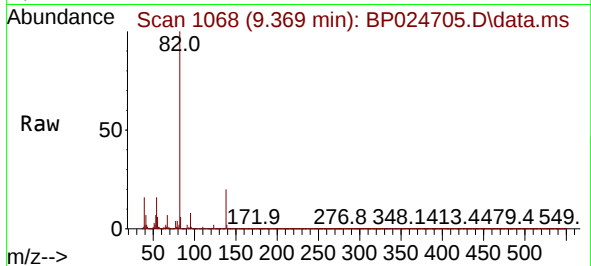




#25
Isophorone
Concen: 39.404 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

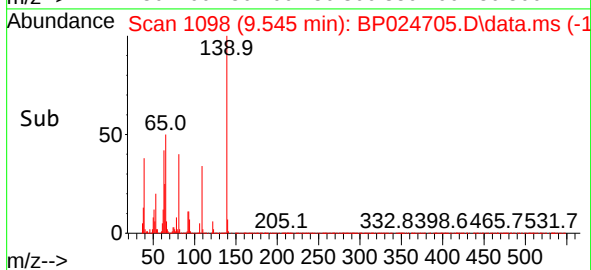
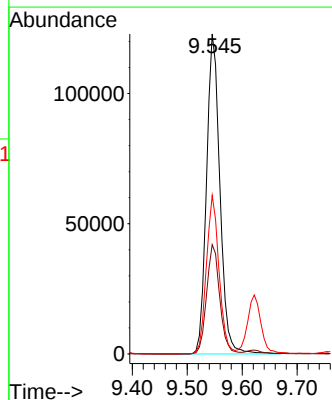
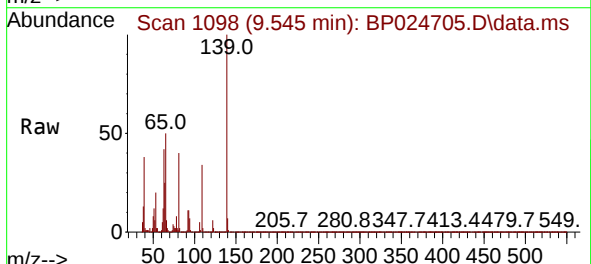
Instrument :
BNA_P
ClientSampleId :
PB168052BS

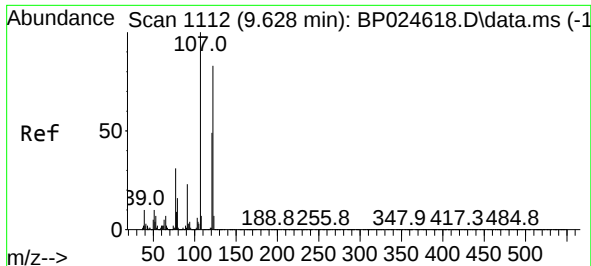
Tgt Ion: 82 Resp: 697103
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 47.264 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 139 Resp: 207867
Ion Ratio Lower Upper
139 100
109 34.1 25.9 38.9
65 49.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.272 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

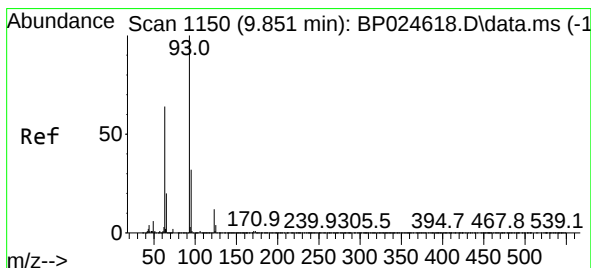
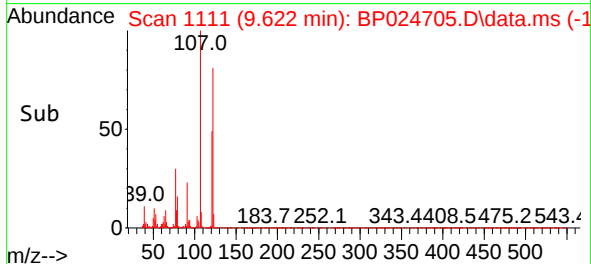
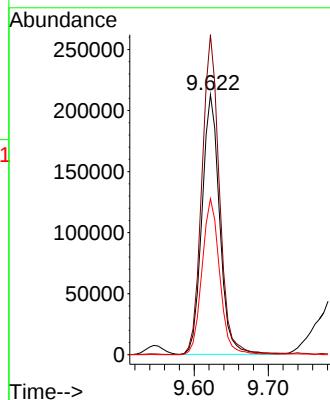
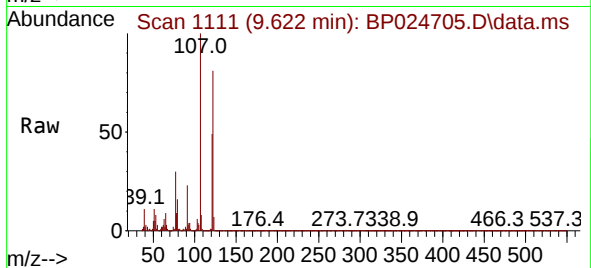
Tgt Ion:122 Resp: 351044

Ion Ratio Lower Upper

122 100

107 123.1 96.2 144.2

121 60.0 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.115 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

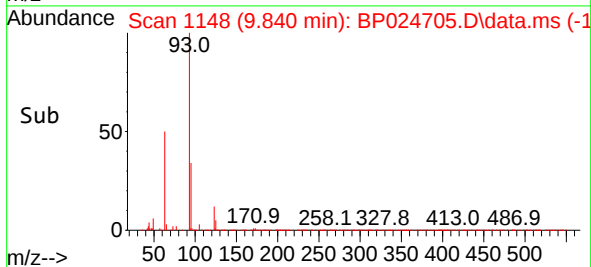
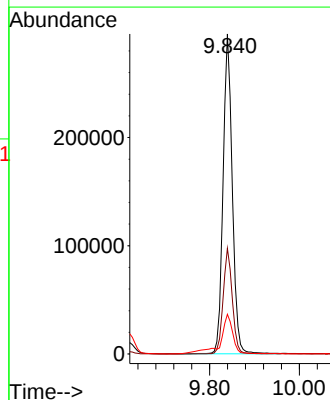
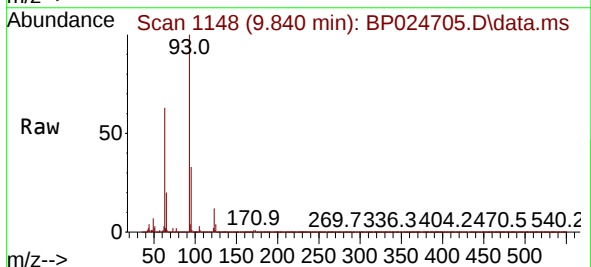
Tgt Ion: 93 Resp: 423990

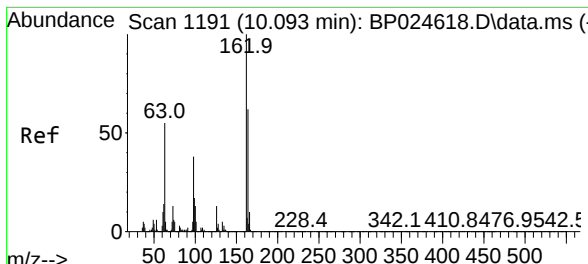
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.4 9.7 14.5

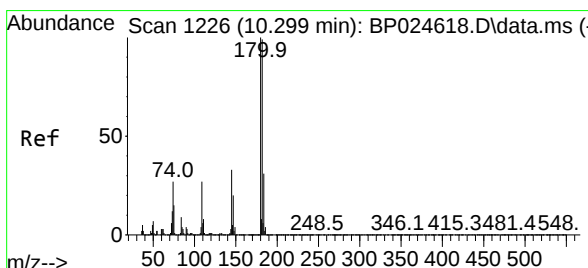
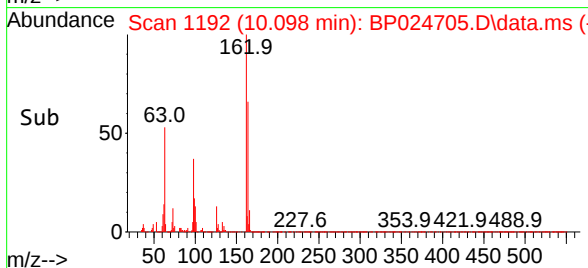
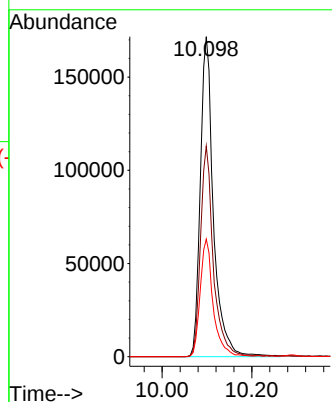
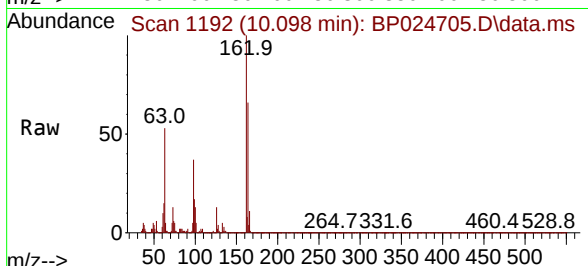




#29
2,4-Dichlorophenol
Concen: 46.428 ng
RT: 10.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

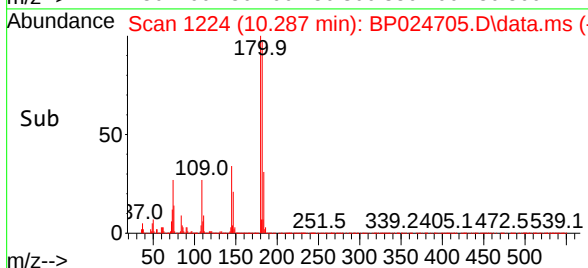
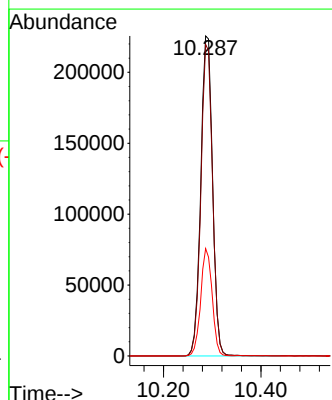
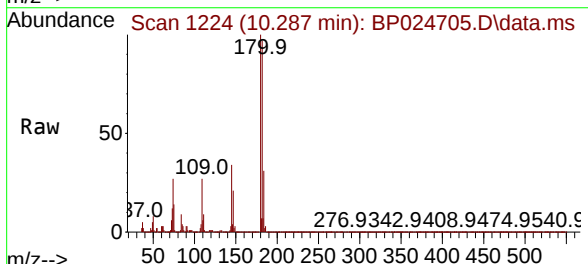
Instrument :
BNA_P
ClientSampleId :
PB168052BS

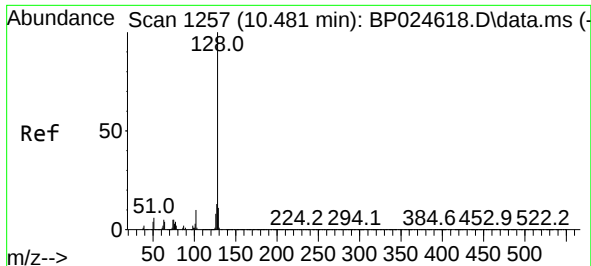
Tgt Ion:162 Resp: 348864
Ion Ratio Lower Upper
162 100
164 65.8 42.3 82.3
98 36.7 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 44.901 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:180 Resp: 380200
Ion Ratio Lower Upper
180 100
182 97.3 79.0 118.4
145 33.6 26.6 39.8

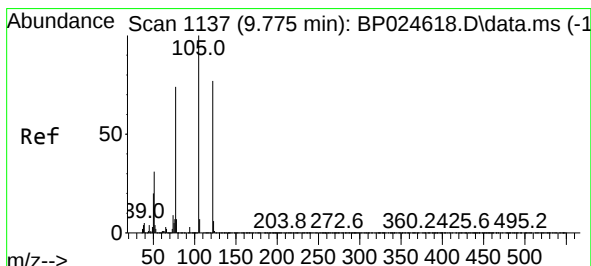
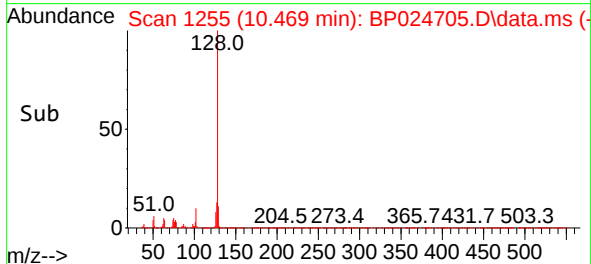
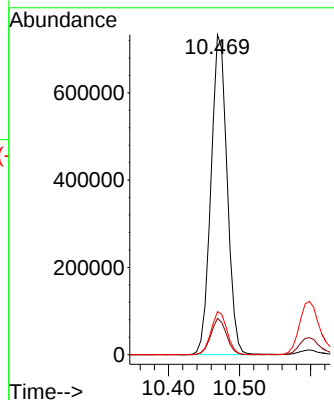
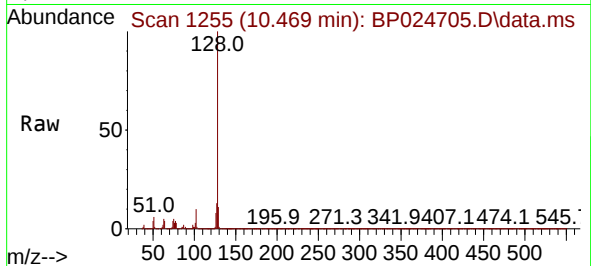




#31
Naphthalene
Concen: 43.270 ng
RT: 10.469 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

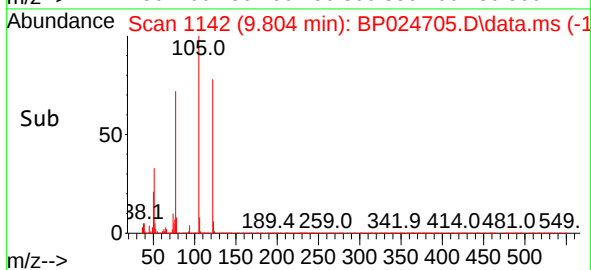
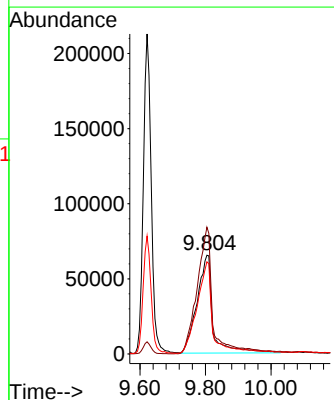
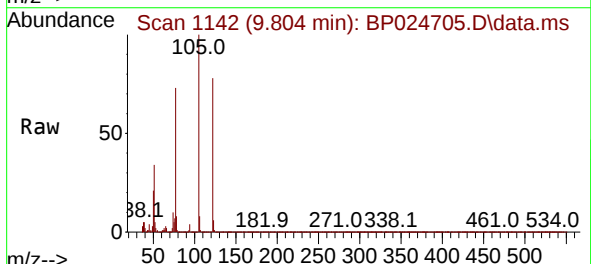
Instrument :
BNA_P
ClientSampleId :
PB168052BS

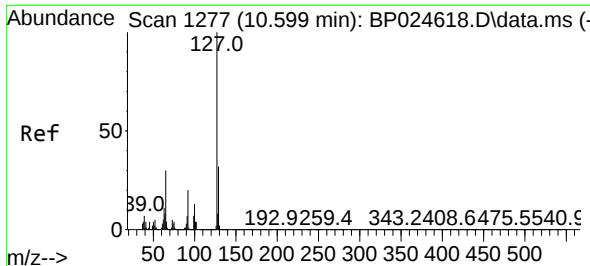
Tgt Ion:128 Resp: 1155472
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 41.839 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.029 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:122 Resp: 219724
Ion Ratio Lower Upper
122 100
105 128.3 106.9 146.9
77 93.4 75.1 115.1

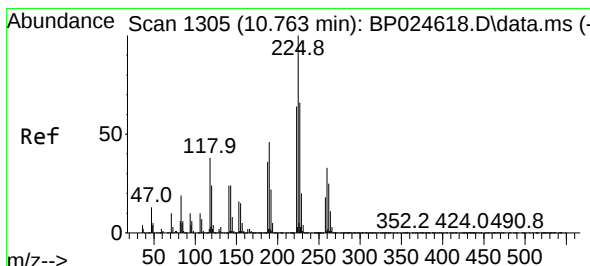
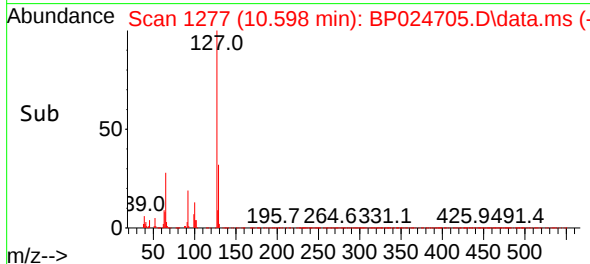
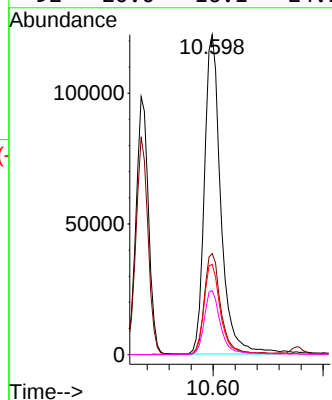
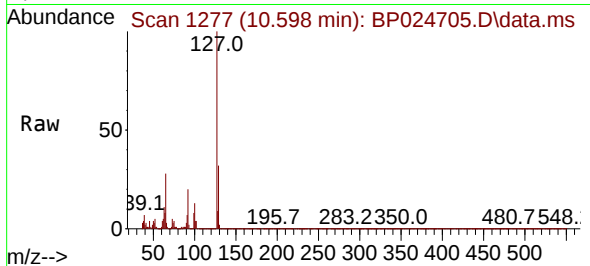




#33
4-Chloroaniline
Concen: 23.509 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

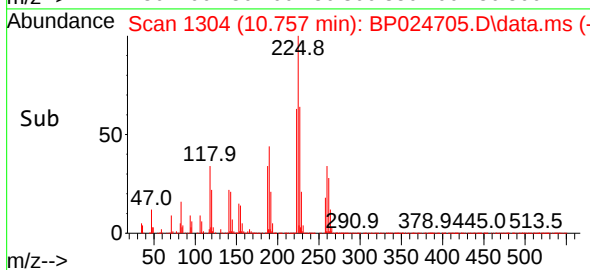
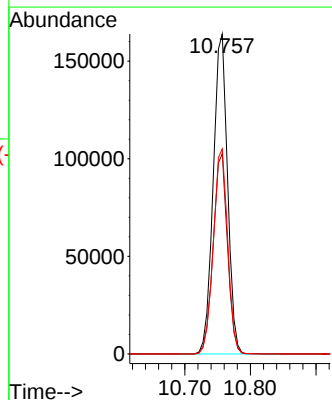
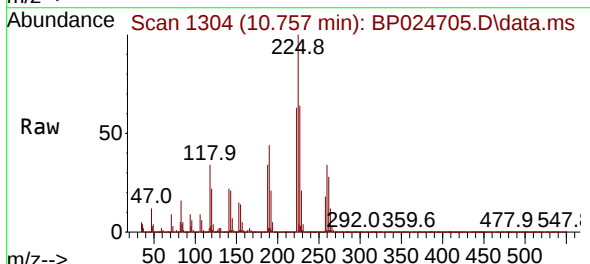
Instrument :
BNA_P
ClientSampleId :
PB168052BS

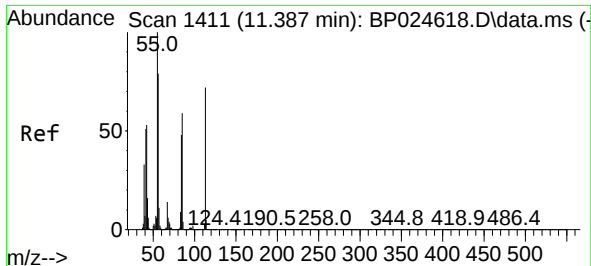
Tgt Ion:	127	Resp:	253333
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	28.2	23.9	35.9
92	20.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.186 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:	225	Resp:	247859
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.1	53.1	79.7

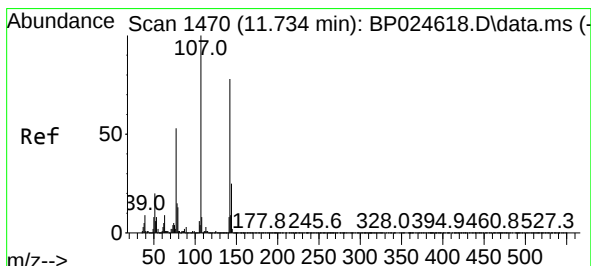
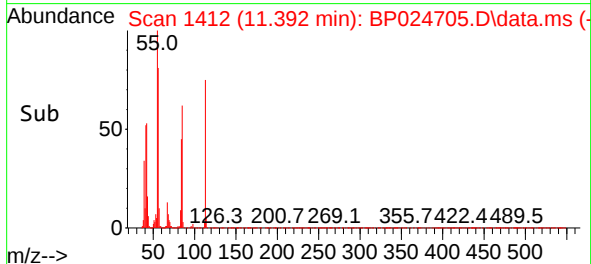
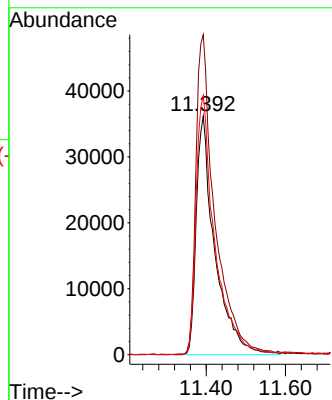
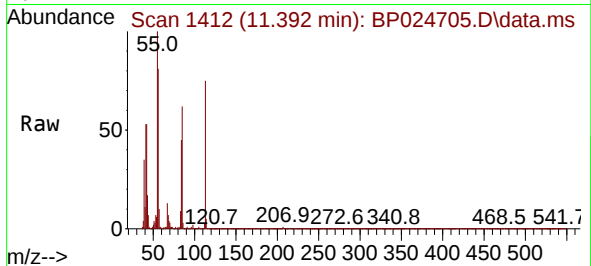




#35
Caprolactam
Concen: 43.094 ng
RT: 11.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

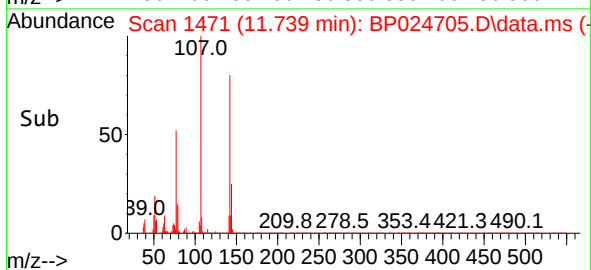
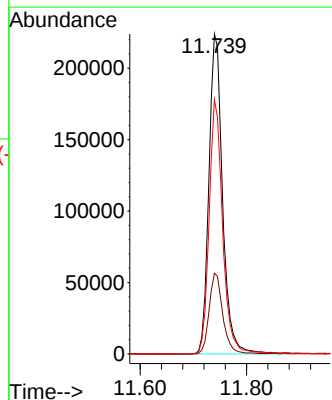
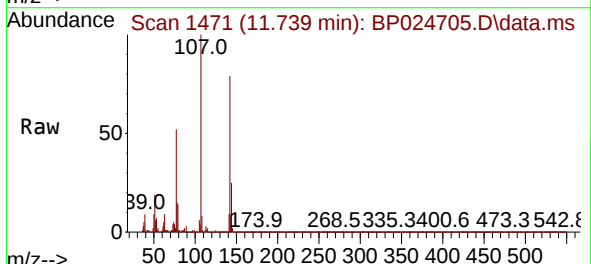
Instrument :
BNA_P
ClientSampleId :
PB168052BS

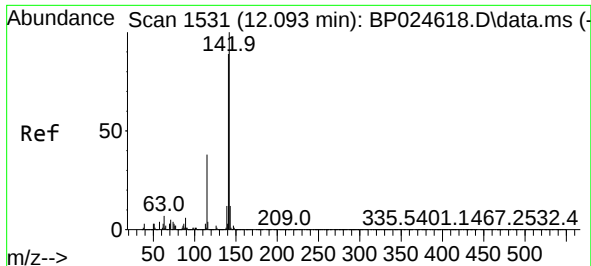
Tgt Ion:113 Resp: 117156
Ion Ratio Lower Upper
113 100
55 134.1 119.0 159.0
56 108.6 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 43.695 ng
RT: 11.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:107 Resp: 400392
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.5 62.1 93.1

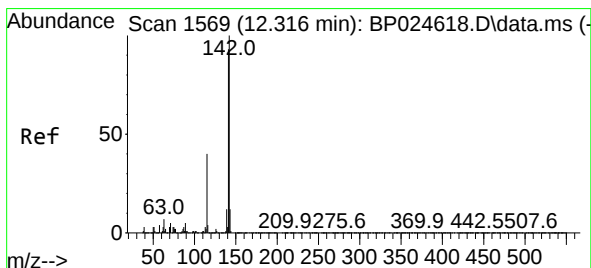
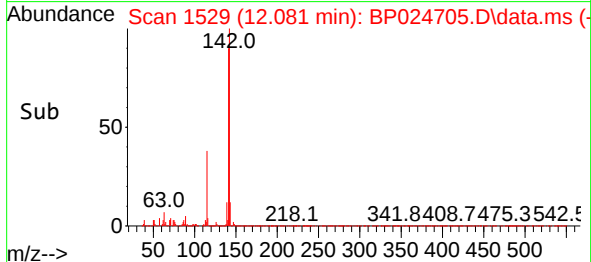
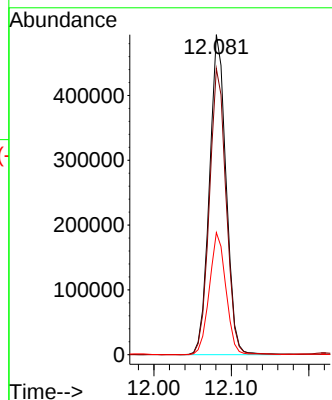
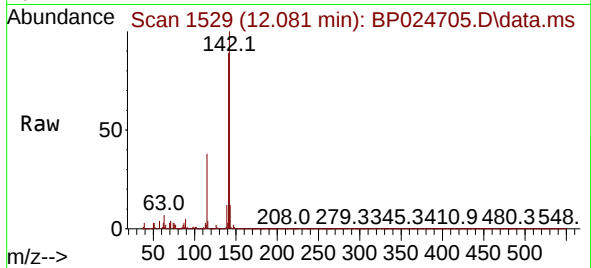




#37
2-Methylnaphthalene
Concen: 42.527 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

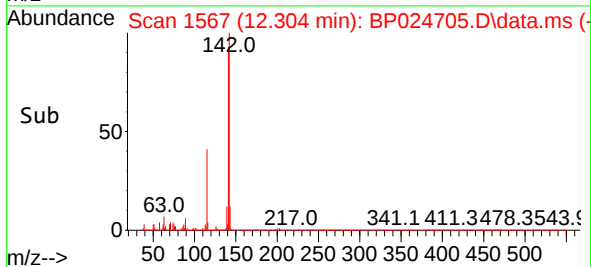
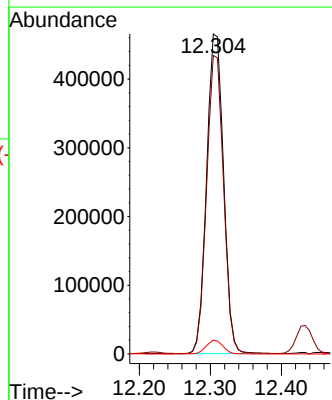
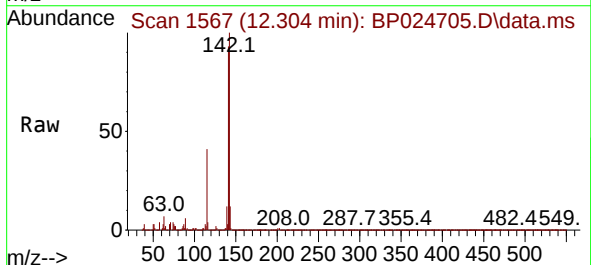
Instrument :
BNA_P
ClientSampleId :
PB168052BS

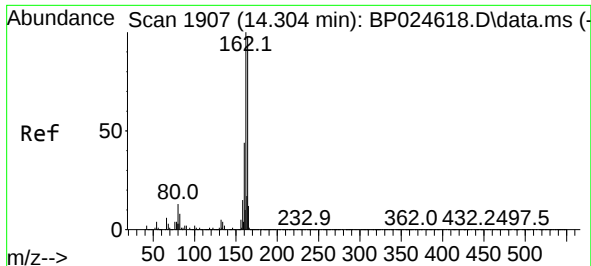
Tgt Ion:142 Resp: 735333
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8
115 38.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.878 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:142 Resp: 774790
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1
116 4.3 3.4 5.2

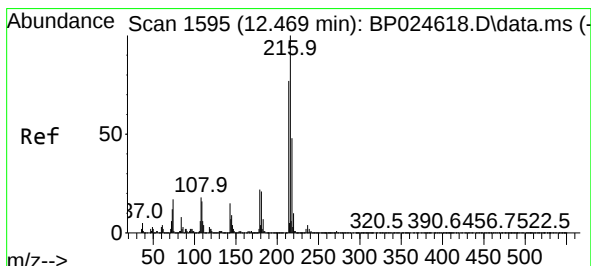
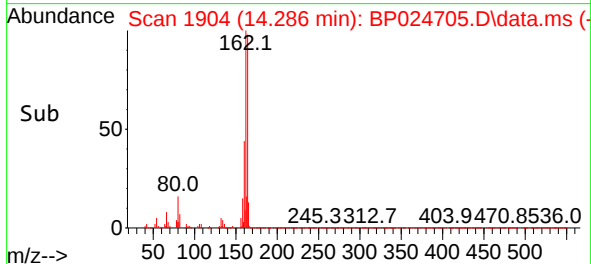
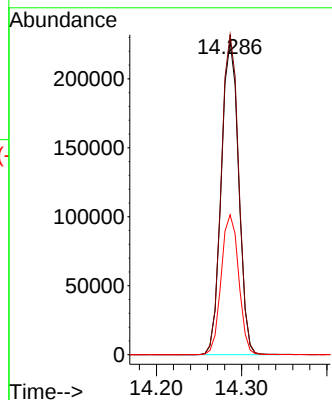
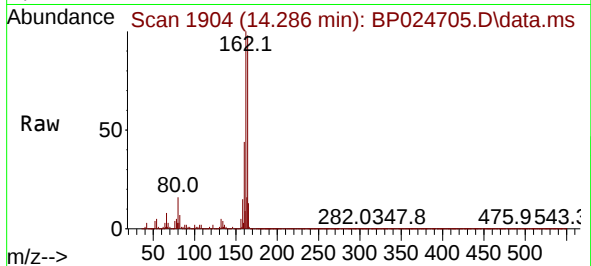




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

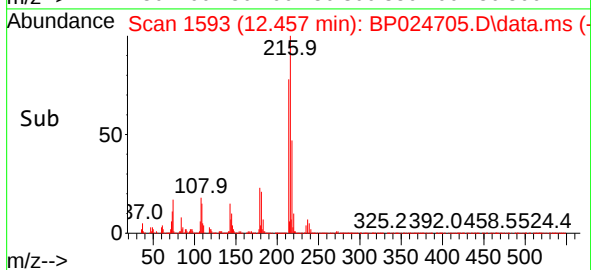
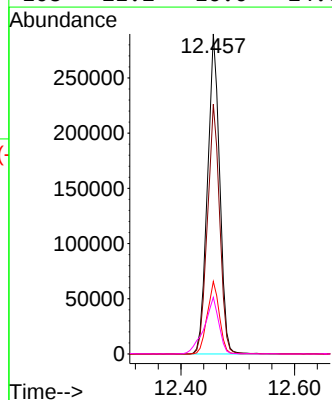
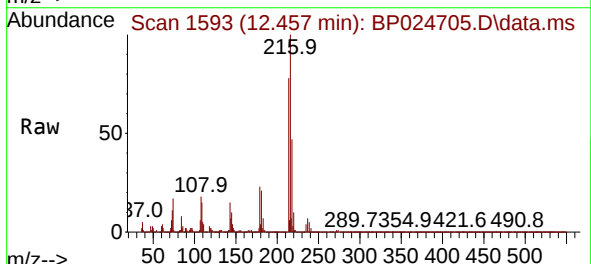
Instrument :
BNA_P
ClientSampleId :
PB168052BS

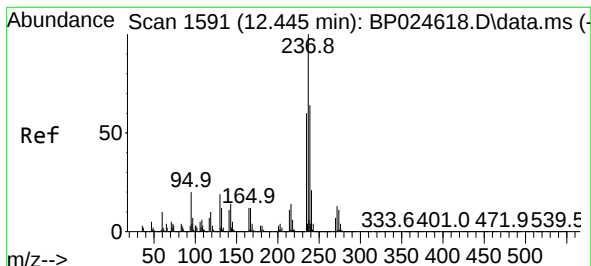
Tgt Ion:164 Resp: 320735
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.159 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:216 Resp: 429917
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 22.4 17.7 26.5
108 21.2 16.0 24.0

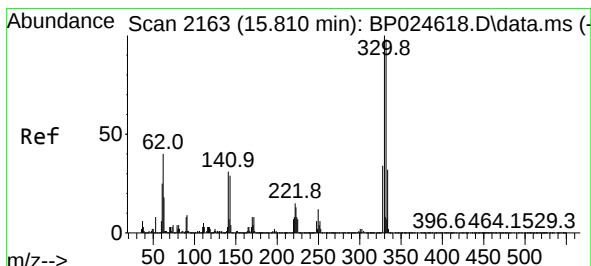
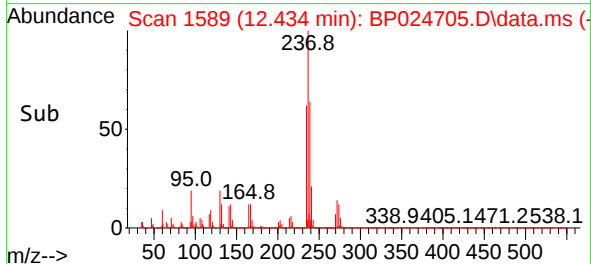
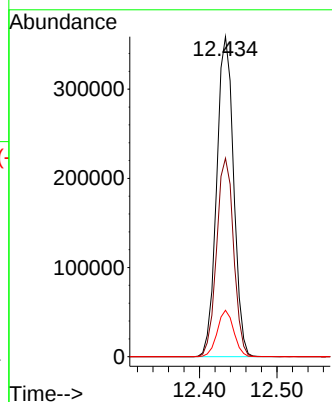
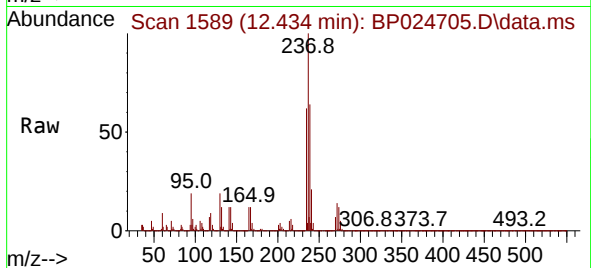




#41
Hexachlorocyclopentadiene
Concen: 96.436 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

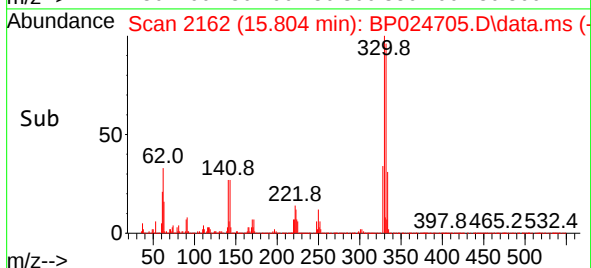
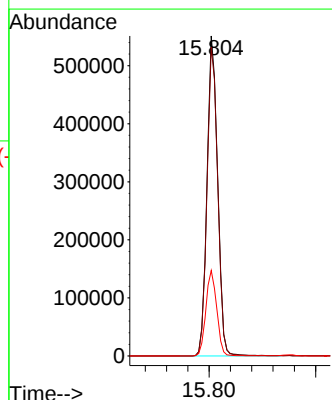
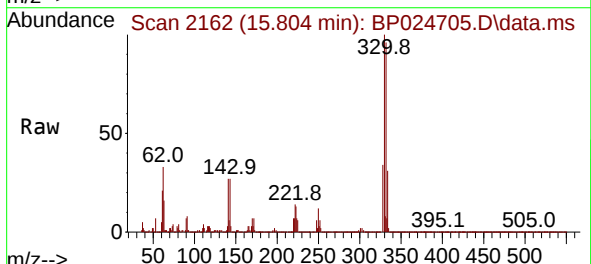
Instrument :
BNA_P
ClientSampleId :
PB168052BS

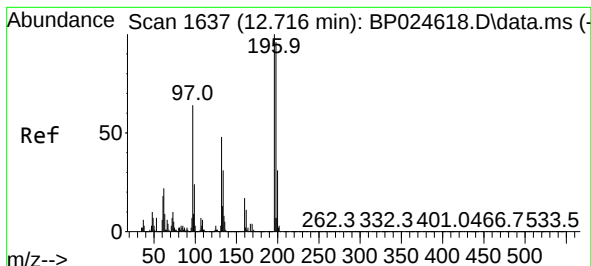
Tgt Ion:237 Resp: 544630
Ion Ratio Lower Upper
237 100
235 62.0 39.9 79.9
272 14.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 140.106 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:330 Resp: 761810
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 27.2 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.350 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

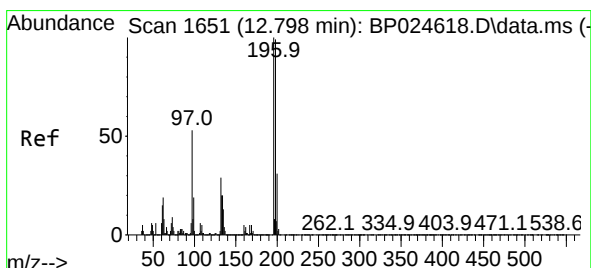
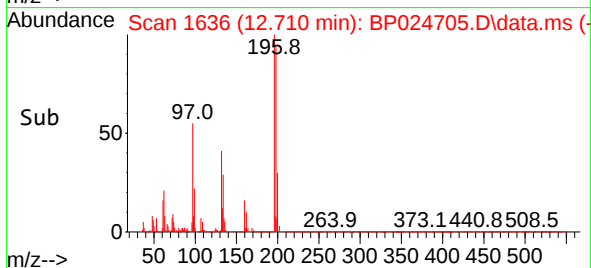
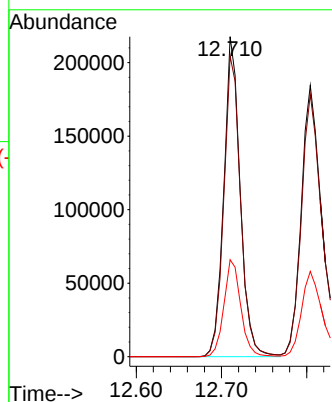
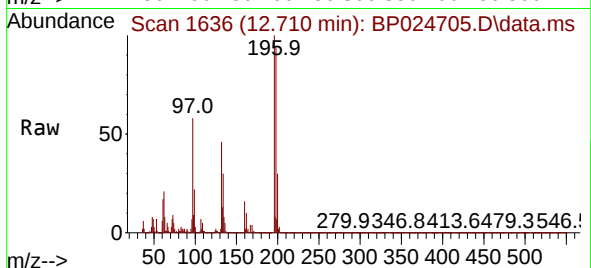
Tgt Ion:196 Resp: 291678

Ion Ratio Lower Upper

196 100

198 93.9 76.9 115.3

200 30.3 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 47.795 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Tgt Ion:196 Resp: 320947

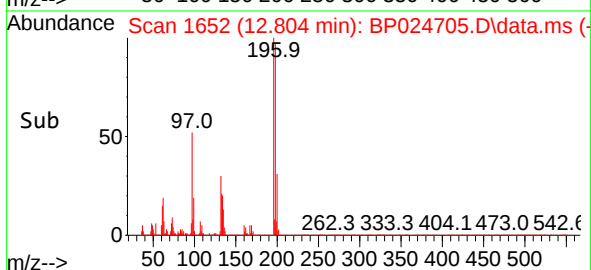
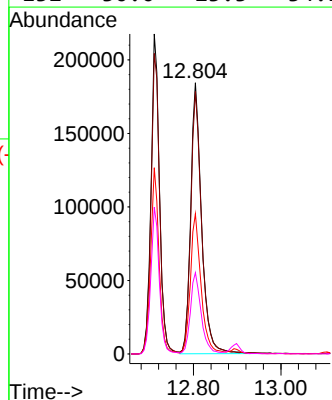
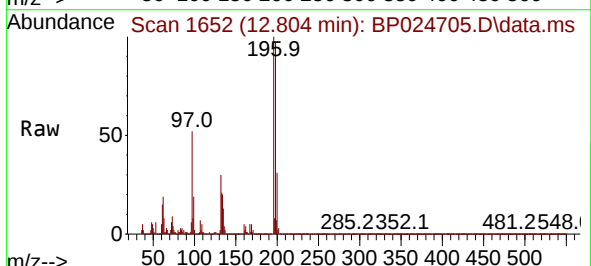
Ion Ratio Lower Upper

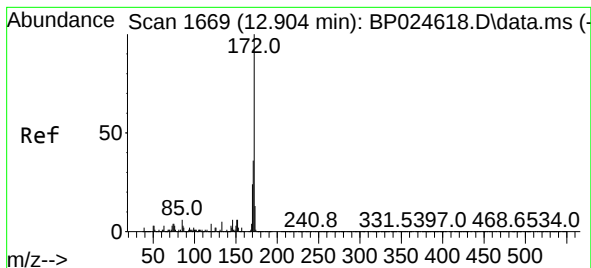
196 100

198 96.8 79.2 118.8

97 51.7 42.3 63.5

132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.821 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

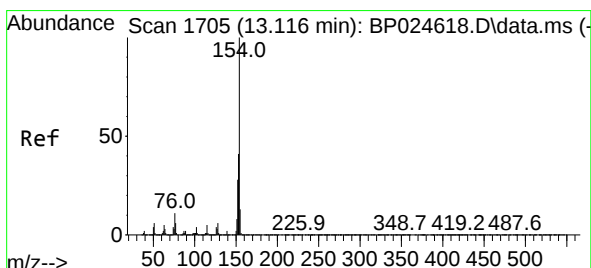
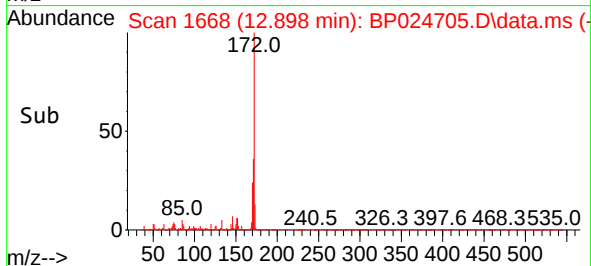
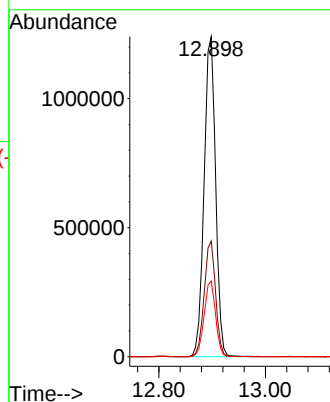
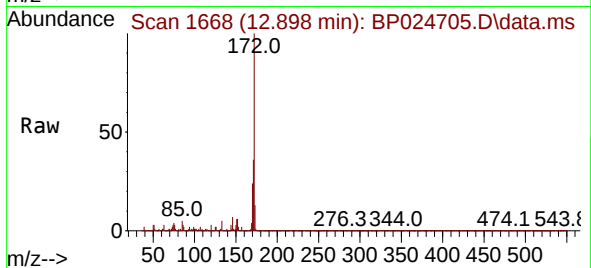
Tgt Ion:172 Resp: 1856188

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.764 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

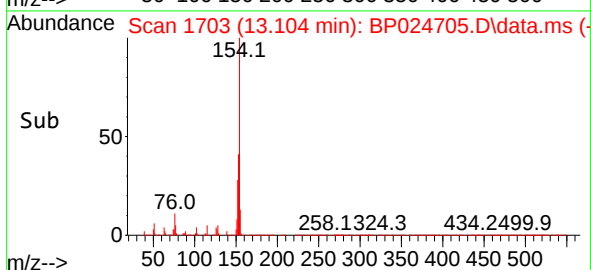
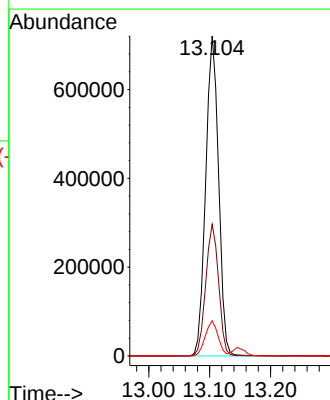
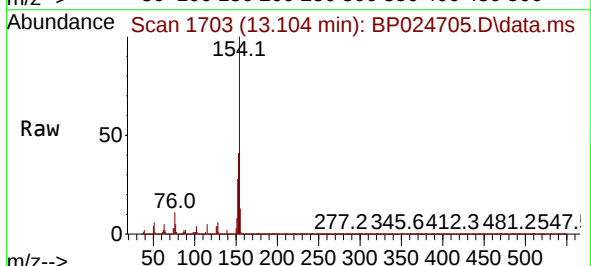
Tgt Ion:154 Resp: 1061178

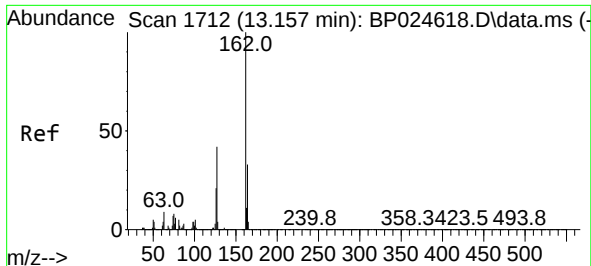
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 11.0 0.0 31.5





#47

2-Chloronaphthalene

Concen: 45.250 ng

RT: 13.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

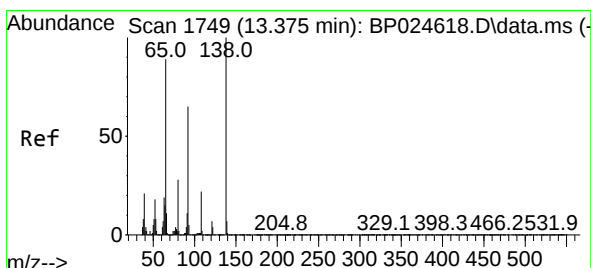
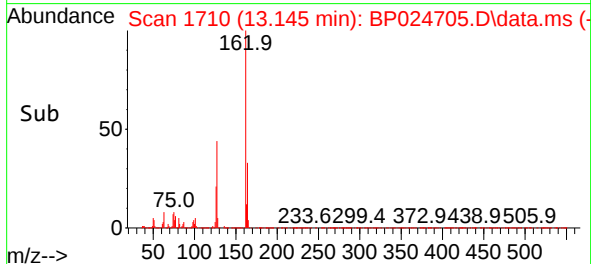
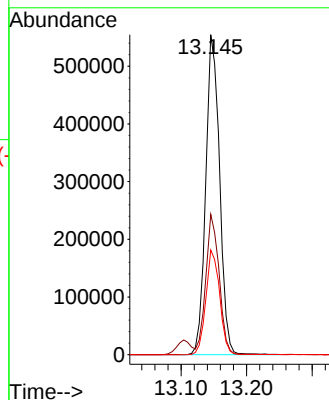
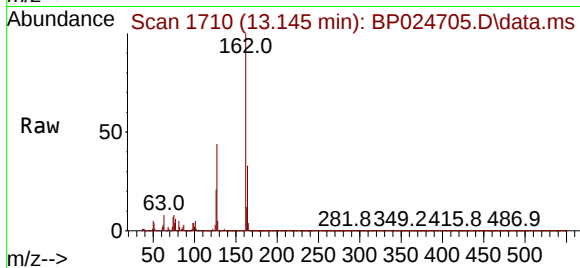
Tgt Ion:162 Resp: 817893

Ion Ratio Lower Upper

162 100

127 43.8 33.8 50.6

164 32.7 26.0 39.0



#48

2-Nitroaniline

Concen: 44.960 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

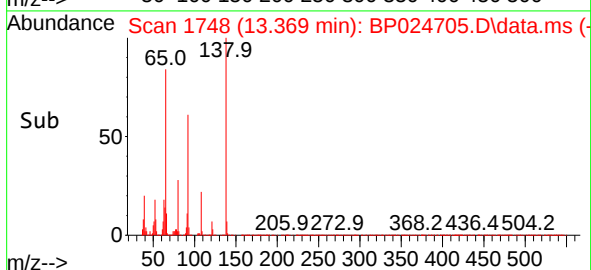
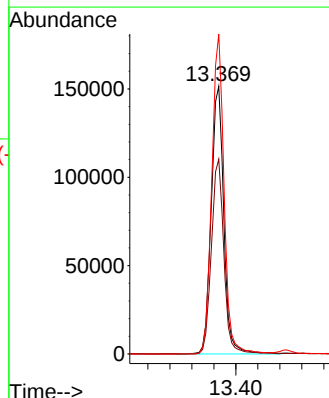
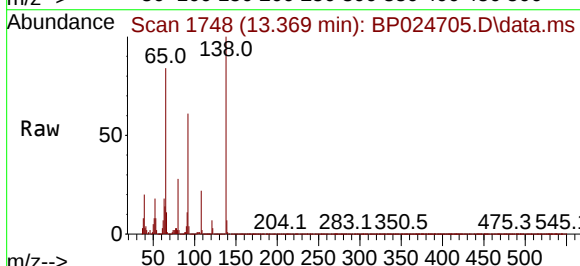
Tgt Ion: 65 Resp: 240596

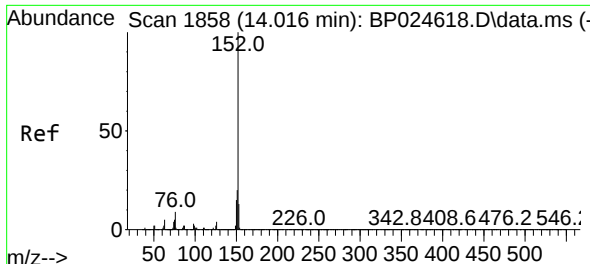
Ion Ratio Lower Upper

65 100

92 72.8 58.7 88.1

138 119.6 90.2 135.2

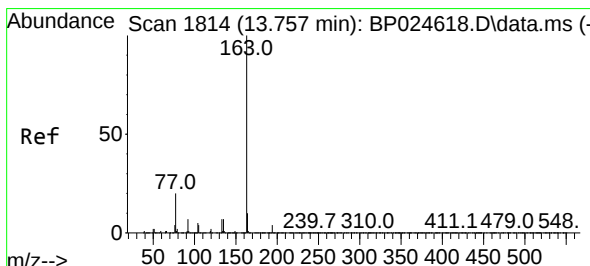
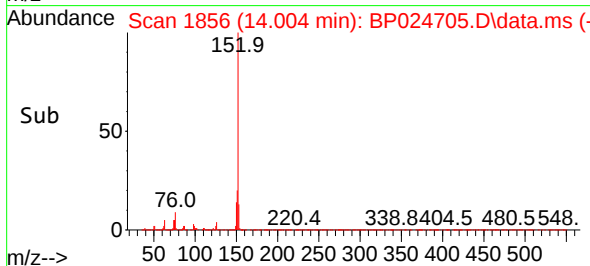
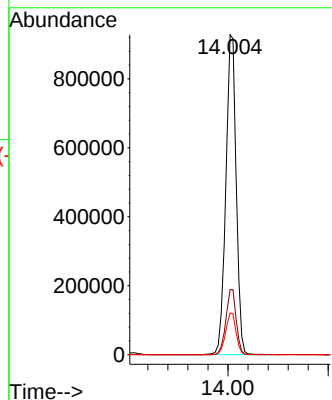
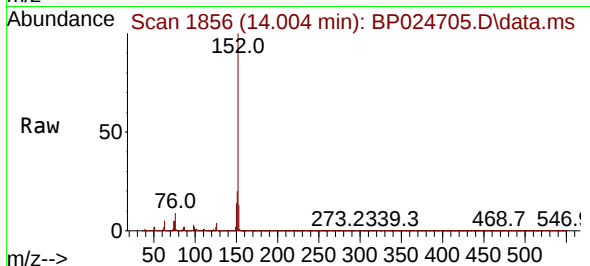




#49
Acenaphthylene
Concen: 44.107 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

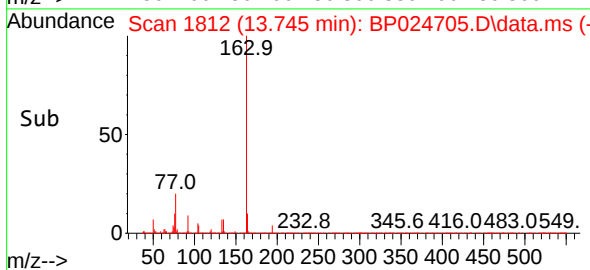
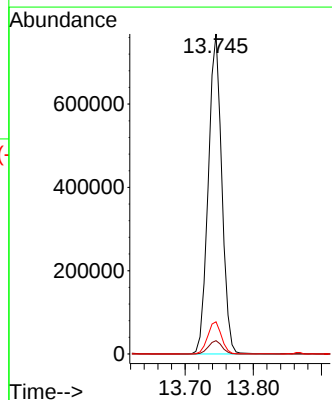
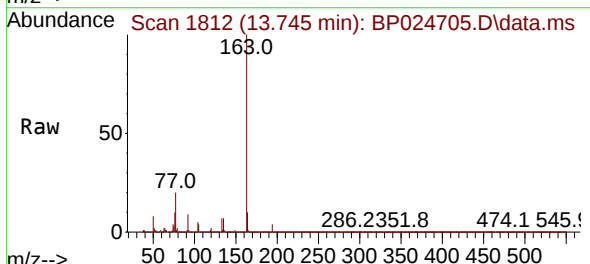
Instrument :
BNA_P
ClientSampleId :
PB168052BS

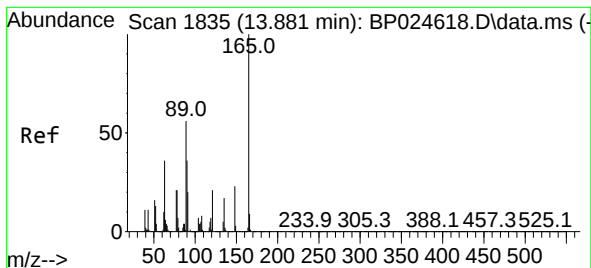
Tgt Ion:152 Resp: 1334163
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 43.264 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:163 Resp: 1057648
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1

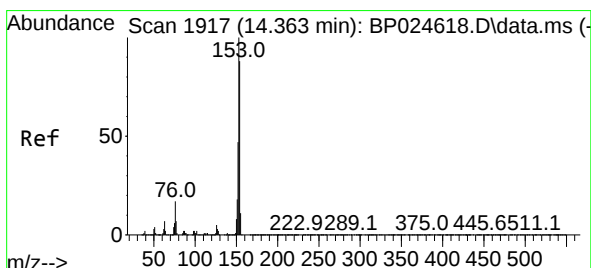
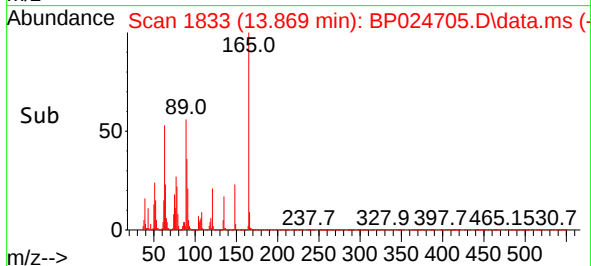
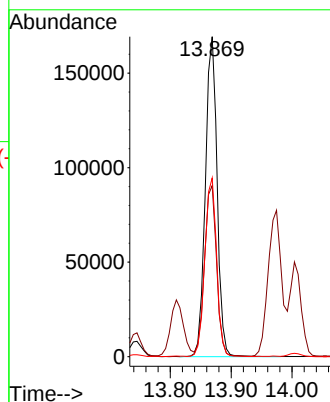
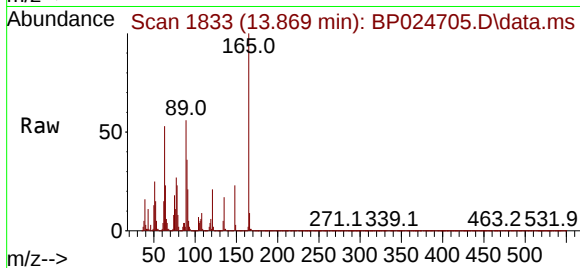




#51
2,6-Dinitrotoluene
Concen: 43.920 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

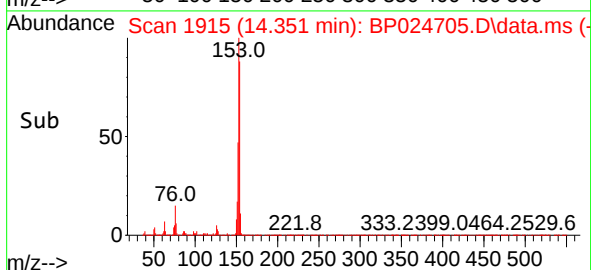
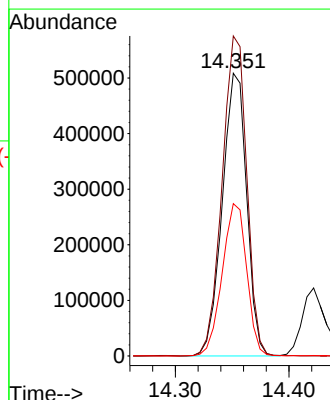
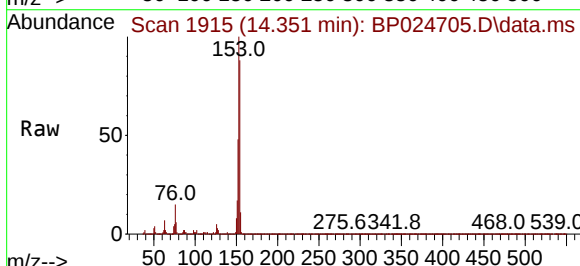
Instrument :
BNA_P
ClientSampleId :
PB168052BS

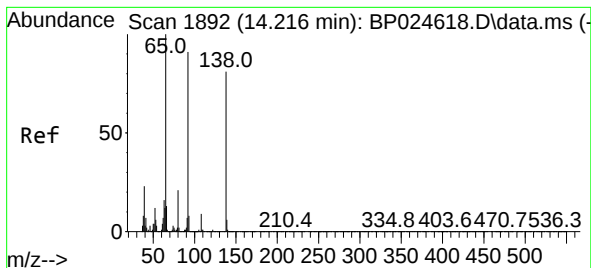
Tgt Ion:165 Resp: 226756
Ion Ratio Lower Upper
165 100
63 53.4 42.4 63.6
89 55.8 44.8 67.2



#52
Acenaphthene
Concen: 43.631 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:154 Resp: 758717
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.4
152 53.9 42.9 64.3

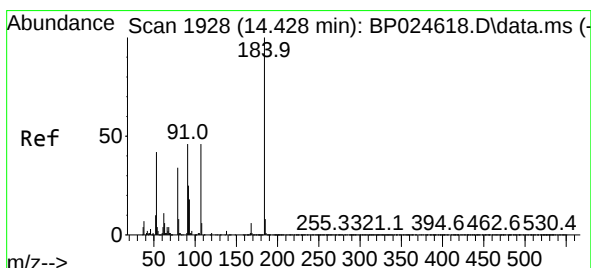
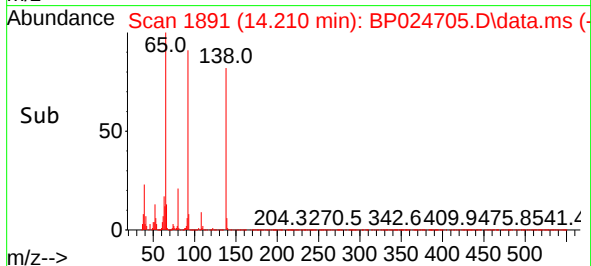
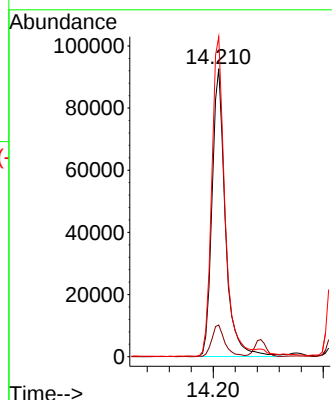
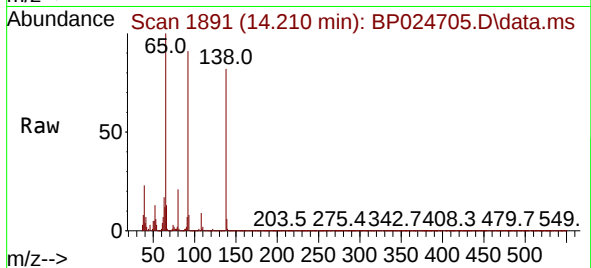




#53
3-Nitroaniline
Concen: 29.544 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

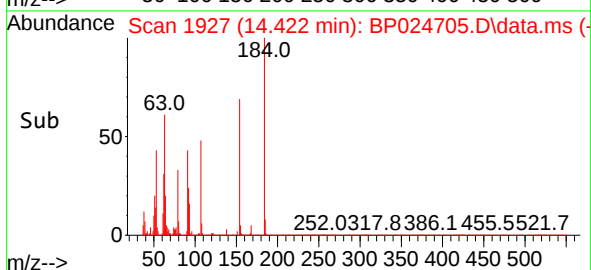
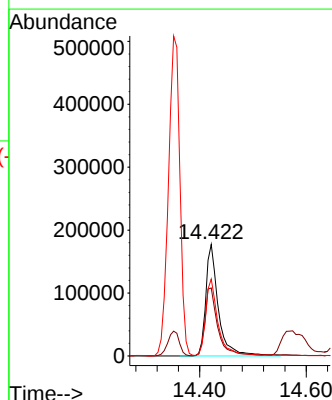
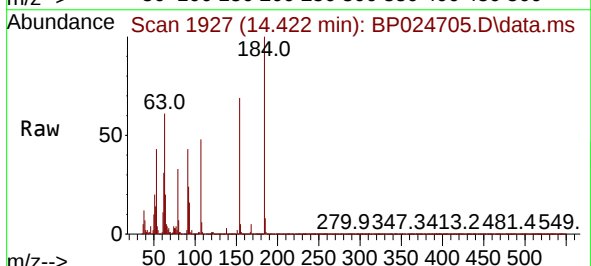
Instrument :
BNA_P
ClientSampleId :
PB168052BS

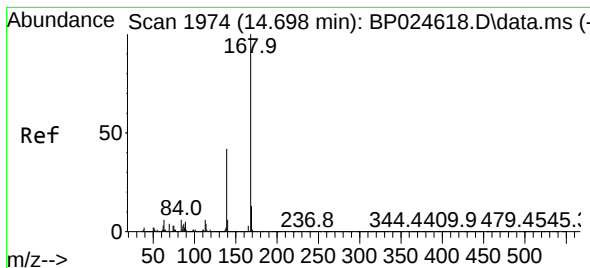
Tgt Ion:138 Resp: 155750
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 111.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 88.385 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:184 Resp: 290130
Ion Ratio Lower Upper
184 100
63 61.0 51.3 76.9
154 69.0 53.5 80.3

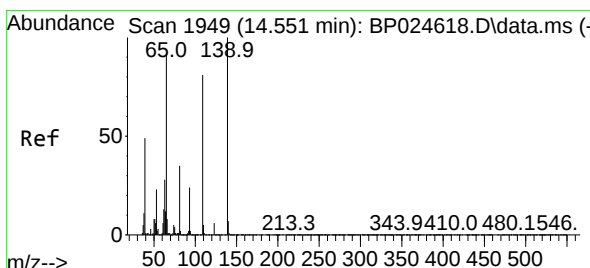
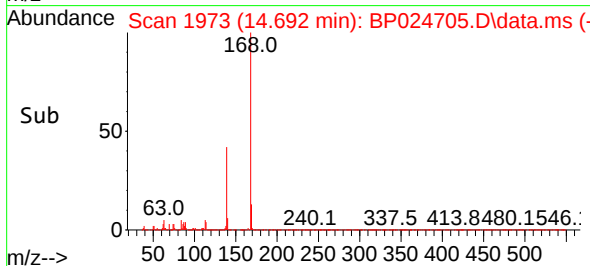
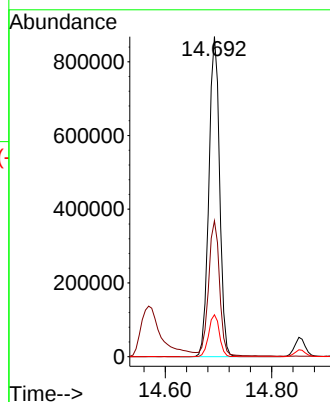
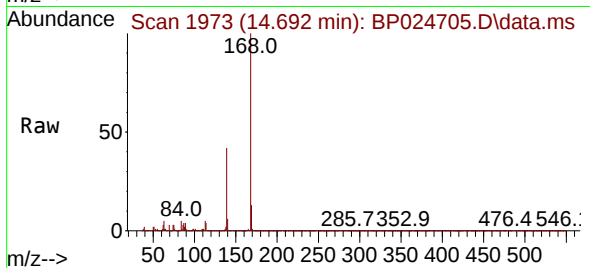




#55
Dibenzofuran
Concen: 43.748 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

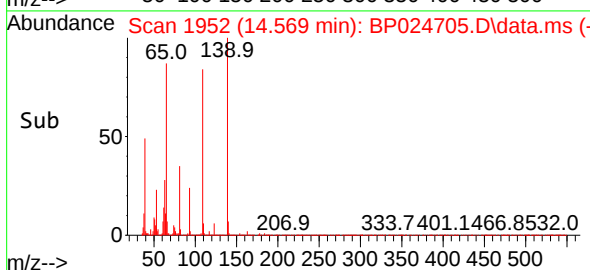
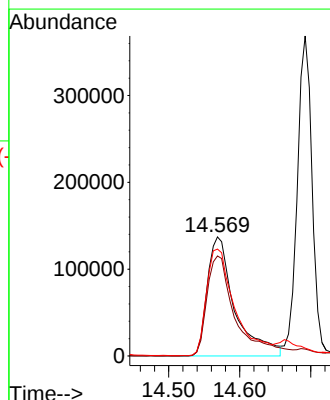
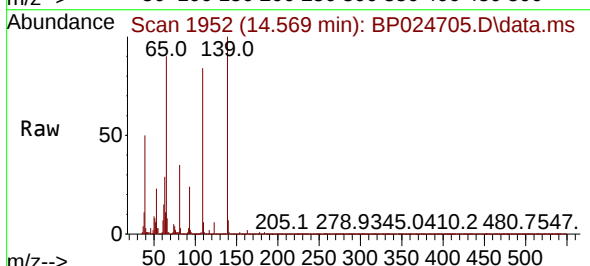
Instrument :
BNA_P
ClientSampleId :
PB168052BS

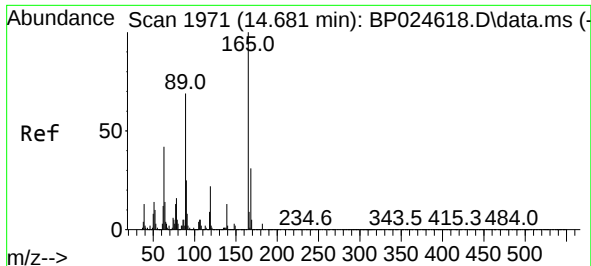
Tgt Ion:168 Resp: 1213439
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 80.496 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:139 Resp: 367513
Ion Ratio Lower Upper
139 100
109 84.0 61.4 101.4
65 89.8 72.2 112.2

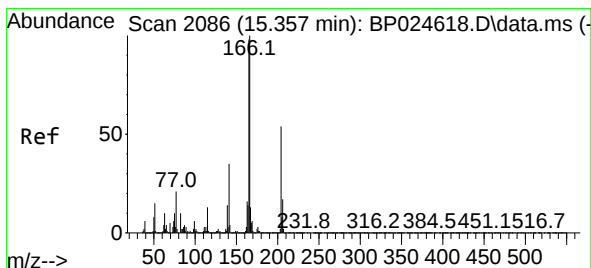
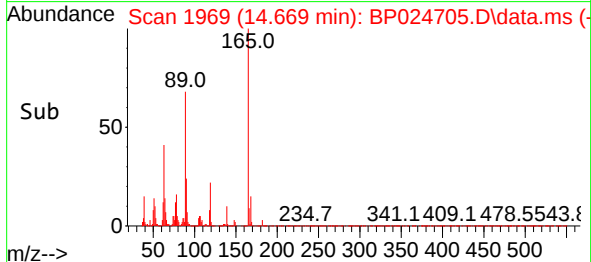
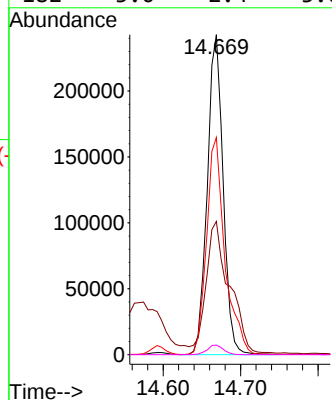
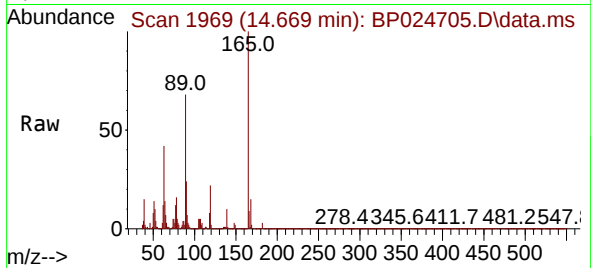




#57
2,4-Dinitrotoluene
Concen: 47.336 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

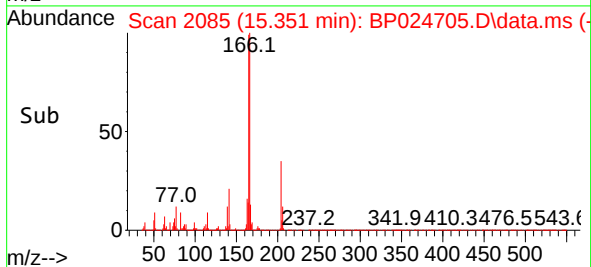
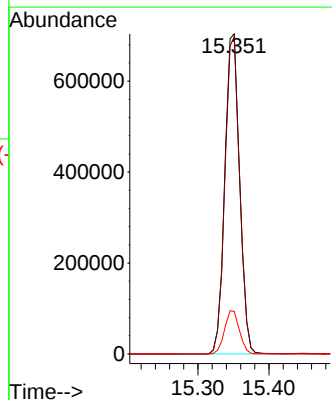
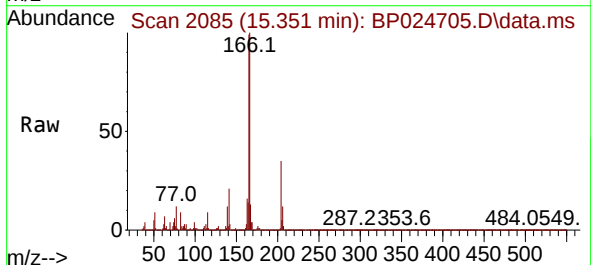
Instrument :
BNA_P
ClientSampleId :
PB168052BS

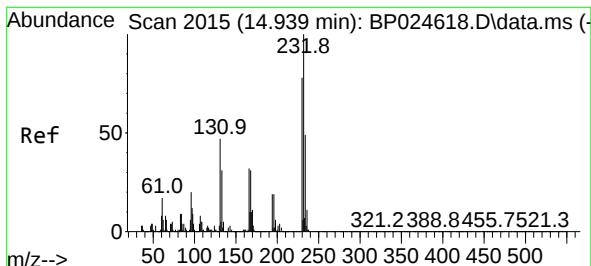
Tgt Ion:165 Resp: 344549
Ion Ratio Lower Upper
165 100
63 41.6 33.8 50.6
89 67.9 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 44.934 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:166 Resp: 1016249
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.3 10.7 16.1

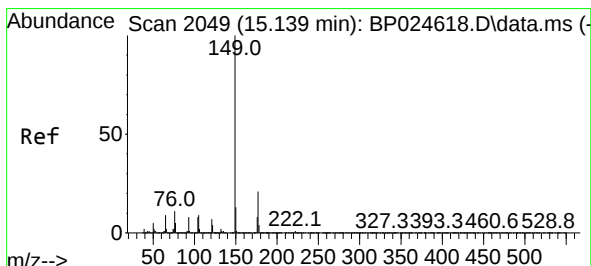
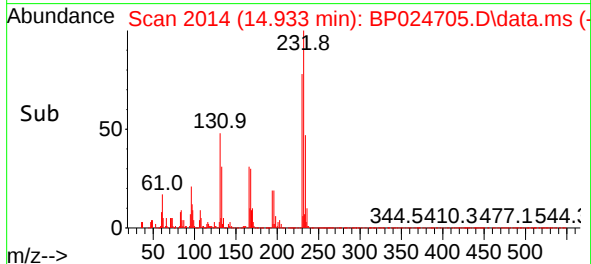
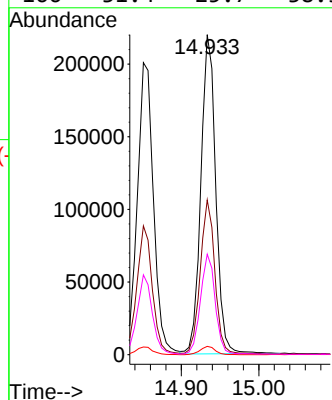
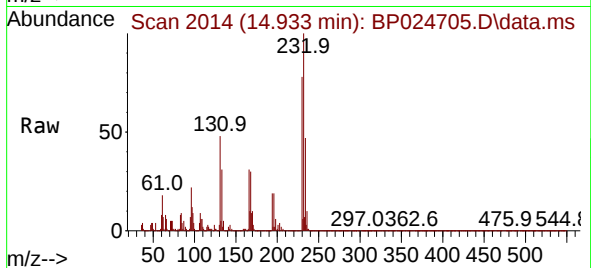




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.078 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

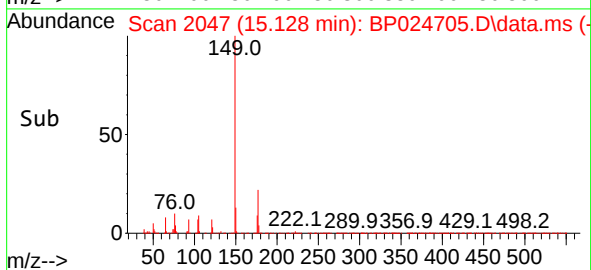
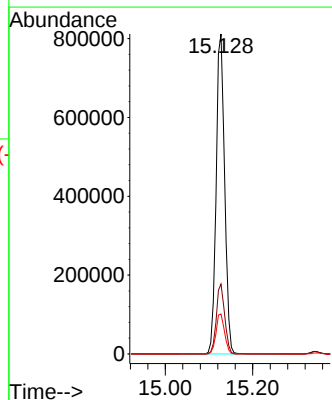
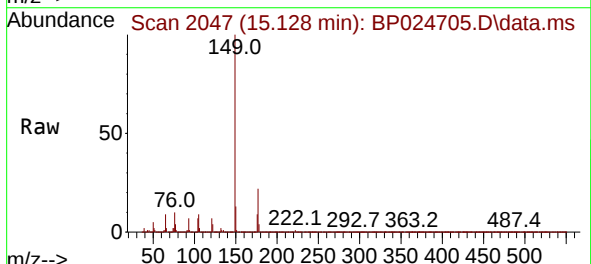
Instrument :
BNA_P
ClientSampleId :
PB168052BS

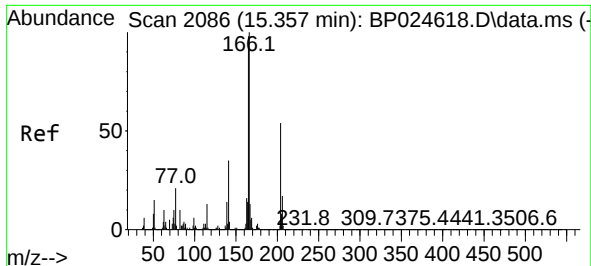
Tgt Ion:232 Resp: 293264
Ion Ratio Lower Upper
232 100
131 47.7 39.5 59.3
130 2.6 2.2 3.4
166 31.4 25.7 38.5



#60
Diethylphthalate
Concen: 44.180 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:149 Resp: 1091616
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.5 10.2 15.2

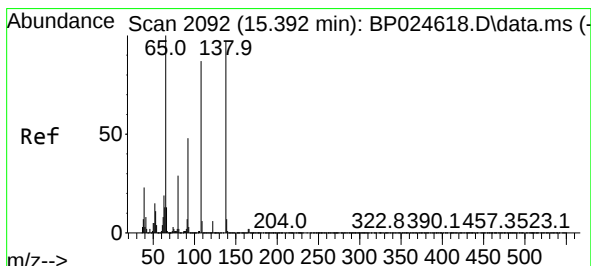
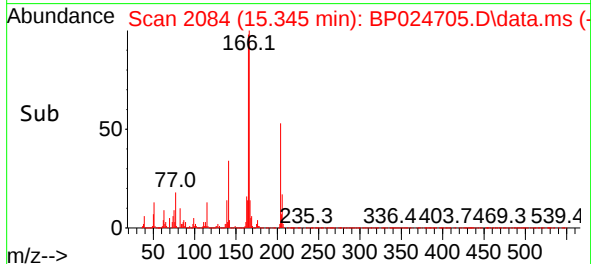
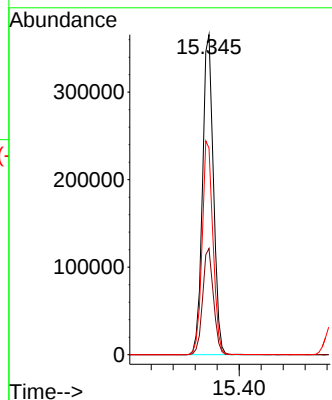
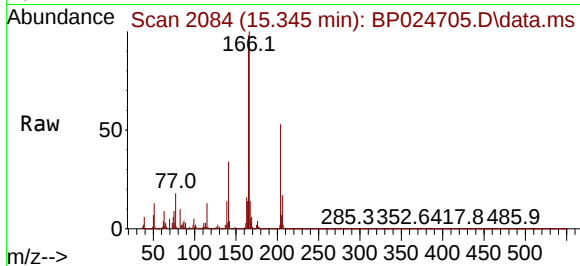




#61
4-Chlorophenyl-phenylether
Concen: 44.661 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

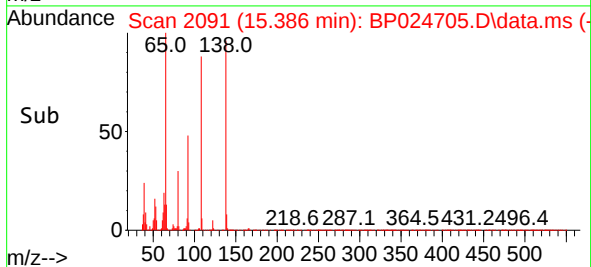
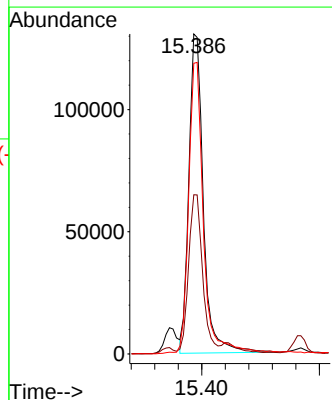
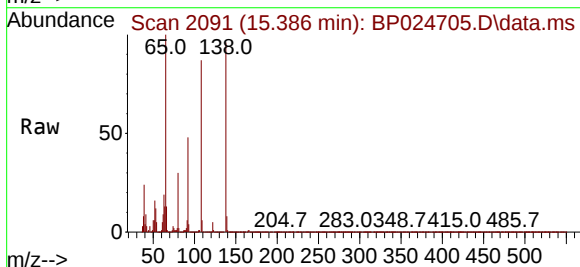
Instrument :
BNA_P
ClientSampleId :
PB168052BS

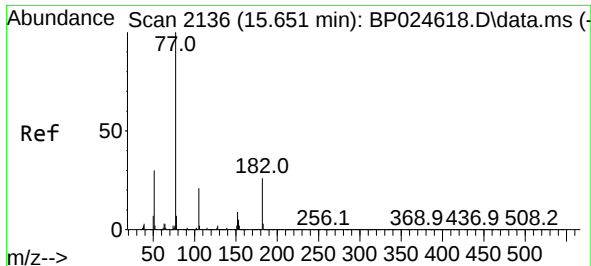
Tgt Ion:204 Resp: 503728
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 64.5 52.9 79.3



#62
4-Nitroaniline
Concen: 44.079 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:138 Resp: 224374
Ion Ratio Lower Upper
138 100
92 49.7 29.2 69.2
108 90.8 69.0 109.0

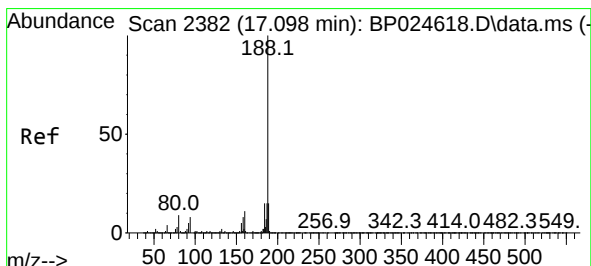
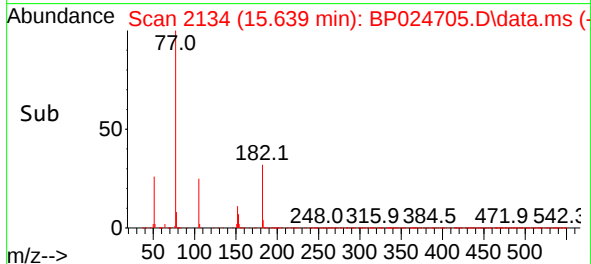
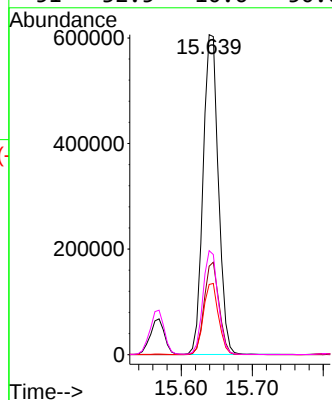
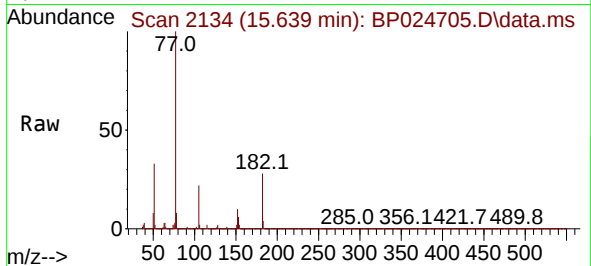




#63
Azobenzene
Concen: 43.016 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

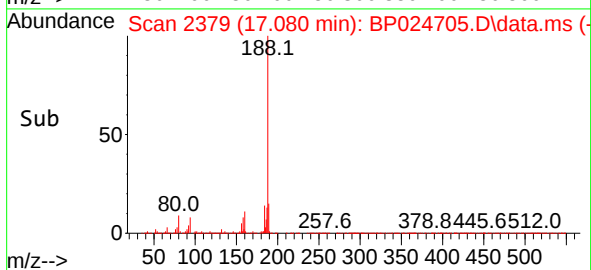
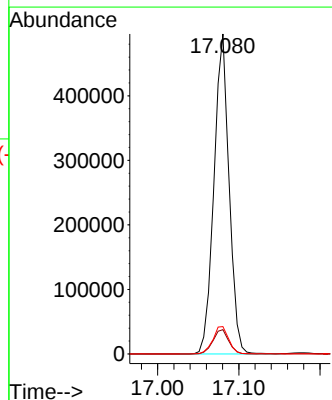
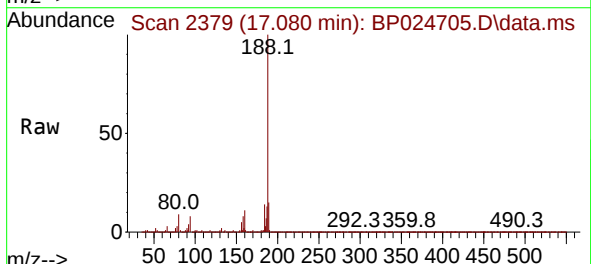
Instrument :
BNA_P
ClientSampleId :
PB168052BS

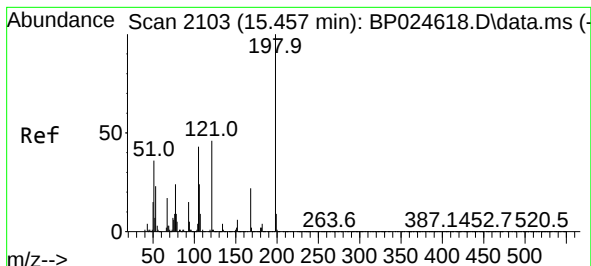
Tgt Ion: 77	Resp: 909240
Ion Ratio	Lower Upper
77 100	
182 27.7	5.7 45.7
105 21.9	1.3 41.3
51 32.5	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion: 188	Resp: 641657
Ion Ratio	Lower Upper
188 100	
94 7.6	6.5 9.7
80 8.6	7.3 10.9

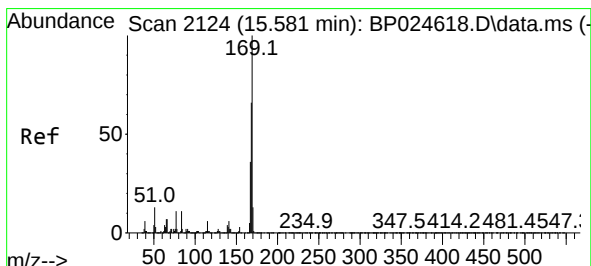
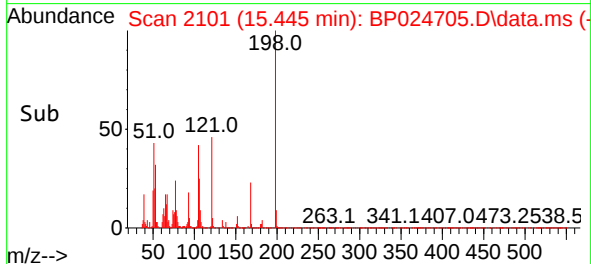
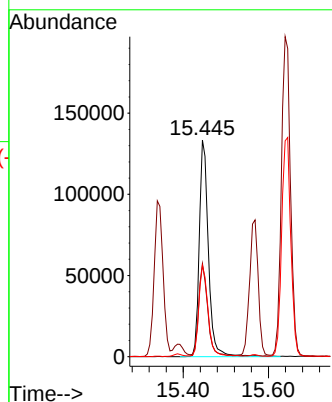
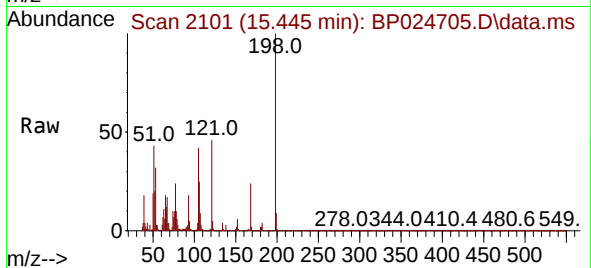




#65
4,6-Dinitro-2-methylphenol
Concen: 47.883 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

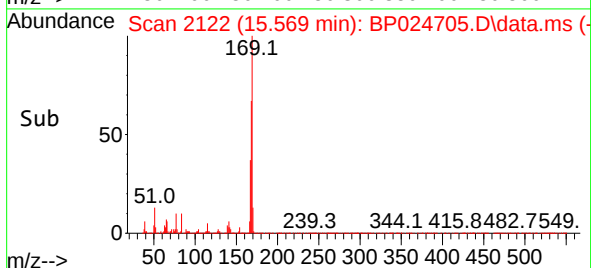
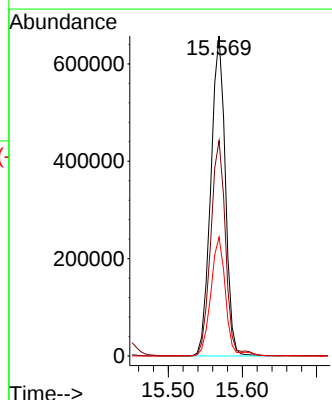
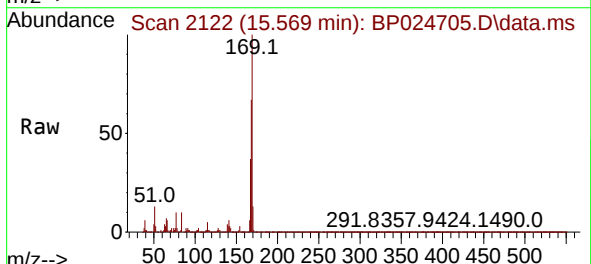
Instrument :
BNA_P
ClientSampleId :
PB168052BS

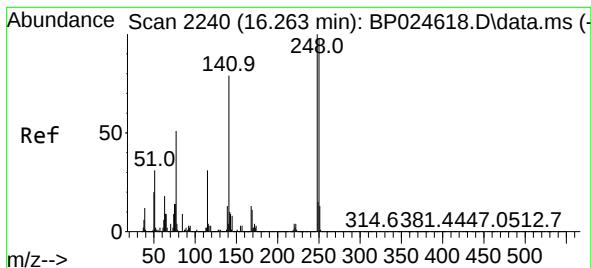
Tgt Ion:198 Resp: 198459
Ion Ratio Lower Upper
198 100
51 43.0 21.1 61.1
105 42.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.297 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:169 Resp: 892757
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 37.1 28.6 43.0

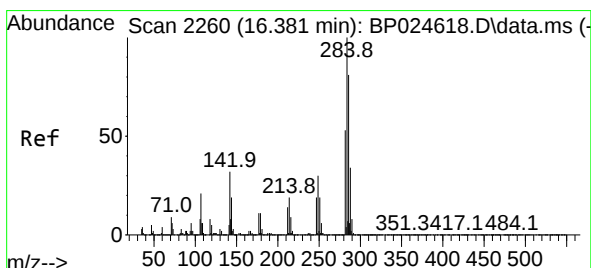
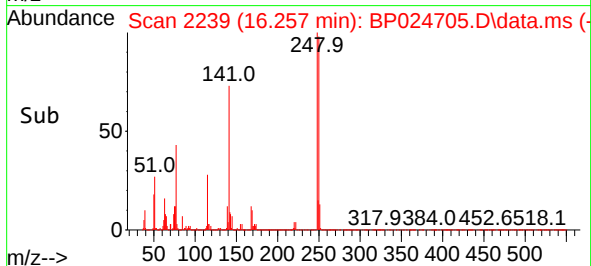
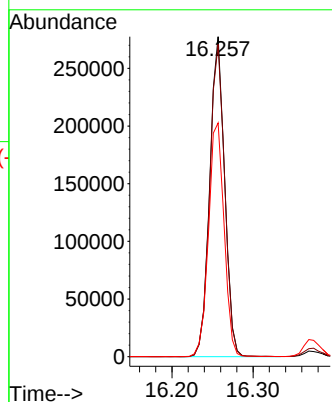
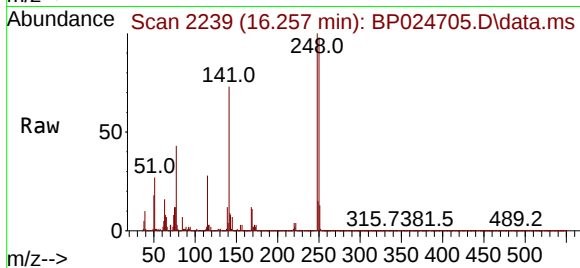




#67
4-Bromophenyl-phenylether
Concen: 46.718 ng
RT: 16.257 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

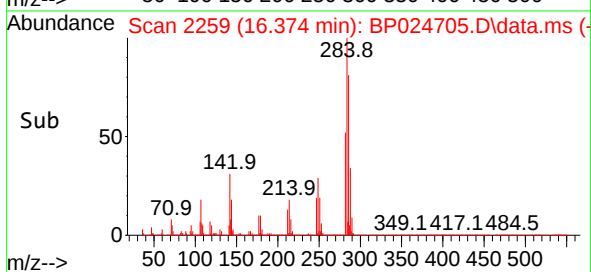
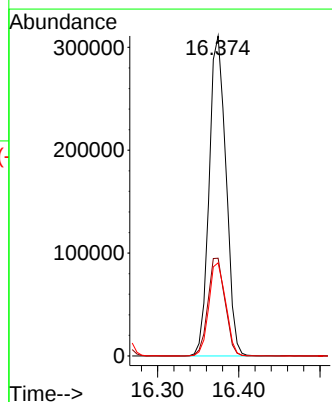
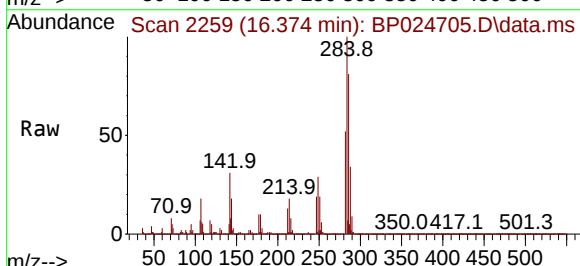
Instrument :
BNA_P
ClientSampleId :
PB168052BS

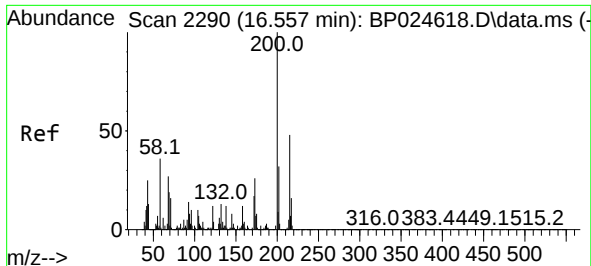
Tgt Ion:248 Resp: 353232
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.4
141 73.0 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.618 ng
RT: 16.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:284 Resp: 447882
Ion Ratio Lower Upper
284 100
142 30.6 25.9 38.9
249 29.1 24.1 36.1

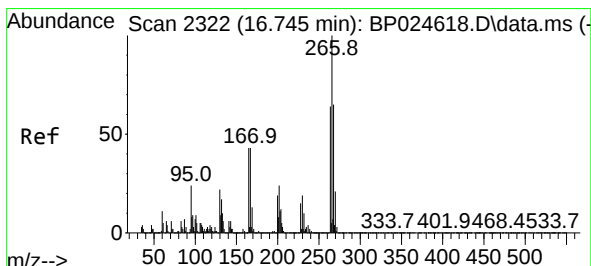
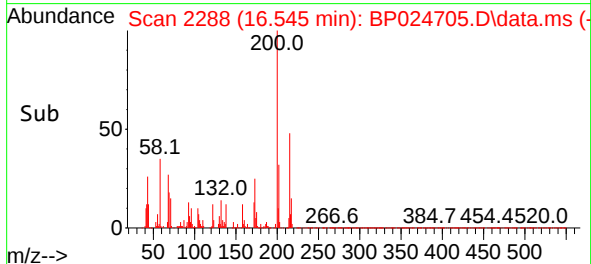
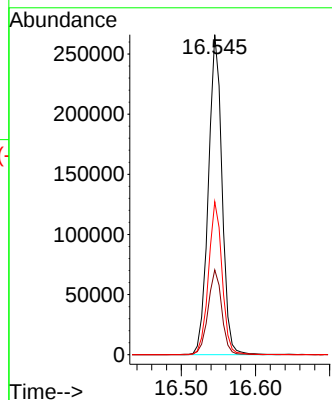
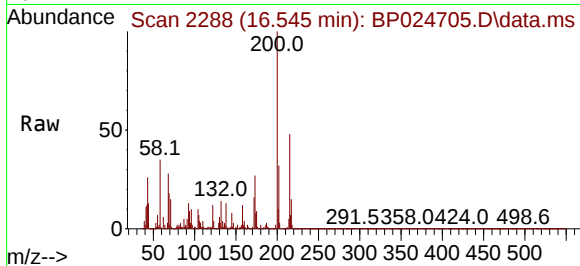




#69
 Atrazine
 Concen: 47.038 ng
 RT: 16.545 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024705.D
 Acq: 20 May 2025 13:14

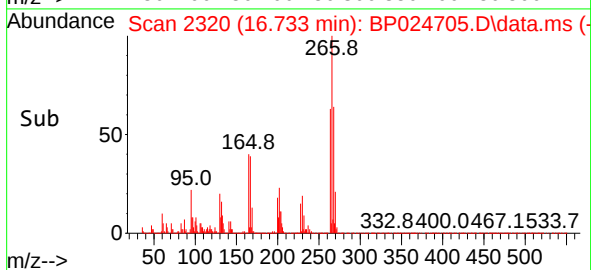
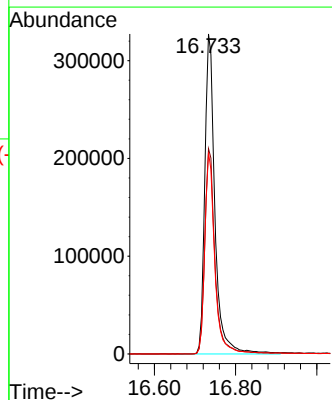
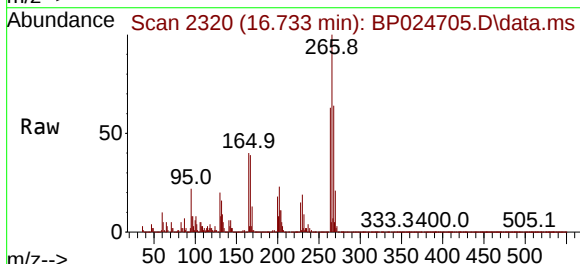
Instrument :
 BNA_P
 ClientSampleId :
 PB168052BS

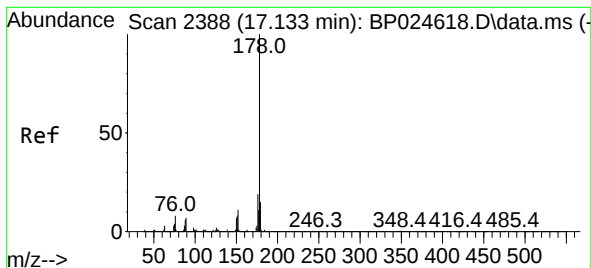
Tgt Ion:200 Resp: 339746
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.9 45.9
 215 47.8 28.3 68.3



#70
 Pentachlorophenol
 Concen: 104.926 ng
 RT: 16.733 min Scan# 2320
 Delta R.T. -0.012 min
 Lab File: BP024705.D
 Acq: 20 May 2025 13:14

Tgt Ion:266 Resp: 565886
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.2 78.4
 264 62.9 51.1 76.7





#71

Phenanthrene

Concen: 44.440 ng

RT: 17.122 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

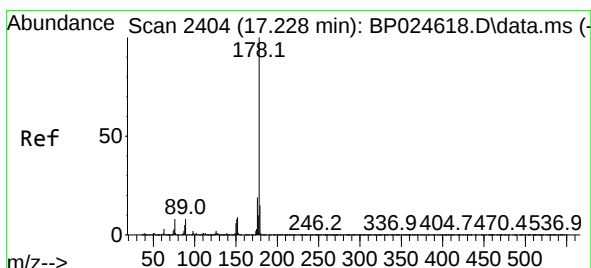
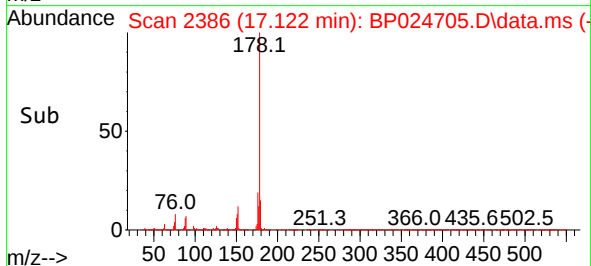
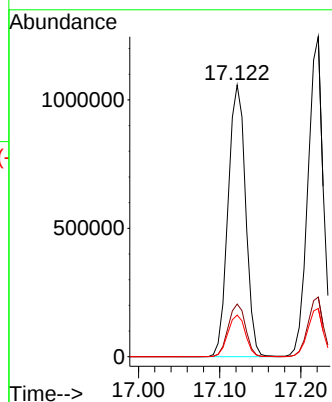
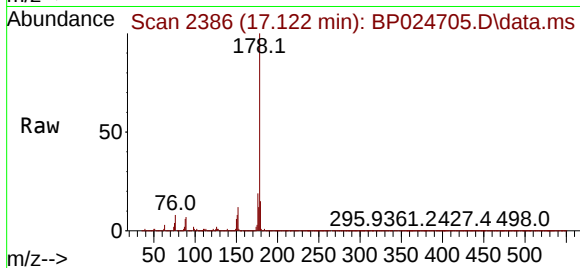
Tgt Ion:178 Resp: 1585195

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.955 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

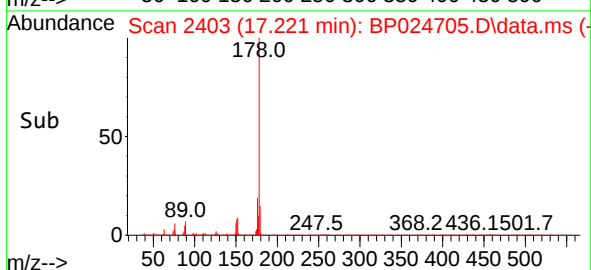
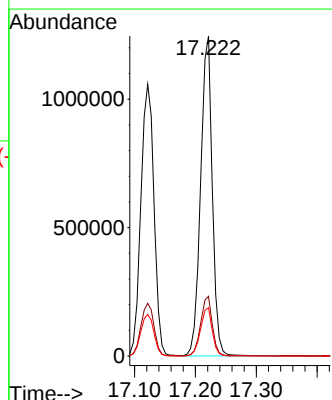
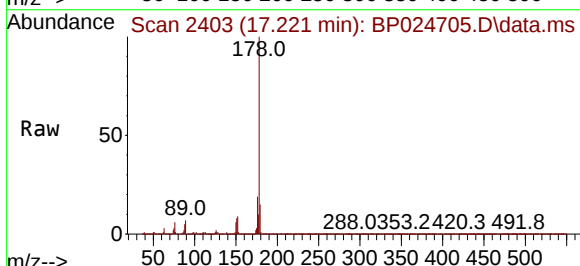
Tgt Ion:178 Resp: 1649260

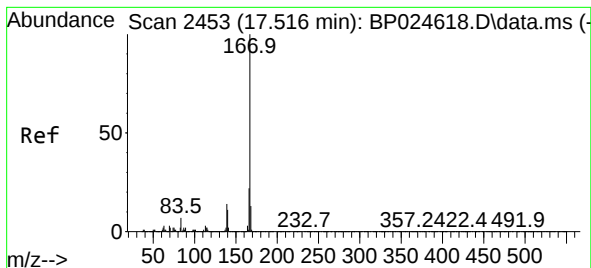
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.0 12.2 18.2





#73

Carbazole

Concen: 46.141 ng

RT: 17.504 min Scan# 2451

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

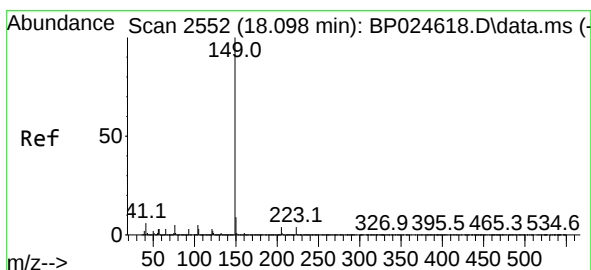
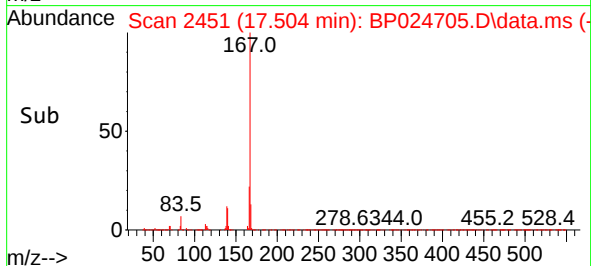
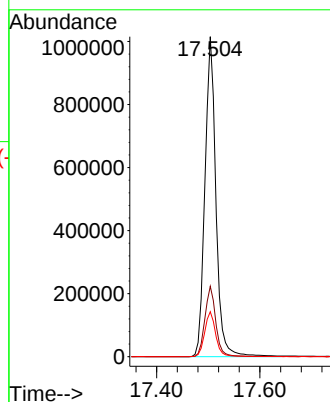
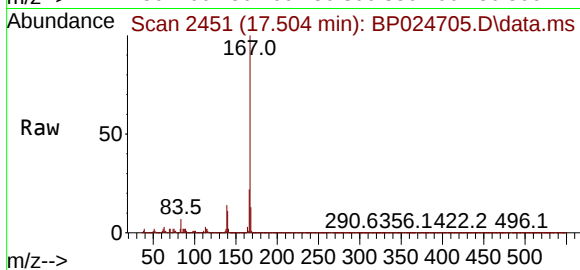
Tgt Ion:167 Resp: 1498786

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 45.607 ng

RT: 18.092 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

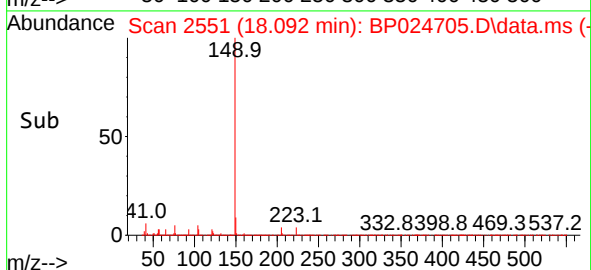
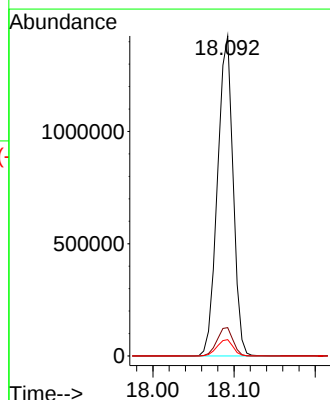
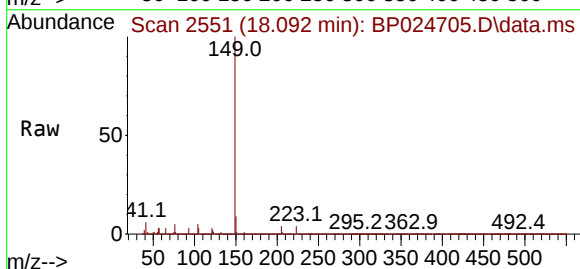
Tgt Ion:149 Resp: 1905276

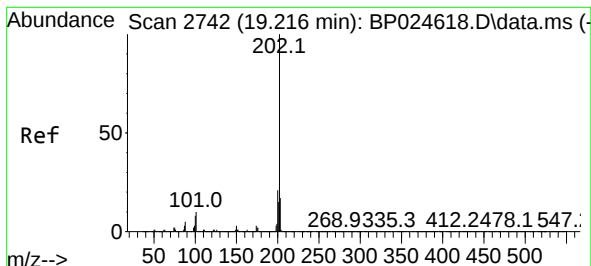
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 45.167 ng

RT: 19.210 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

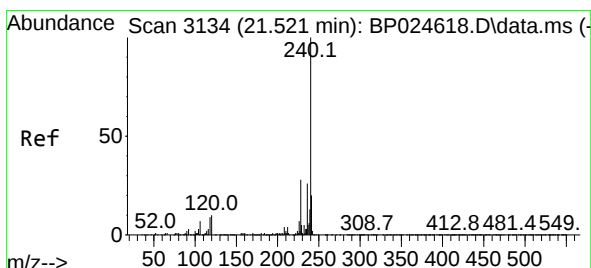
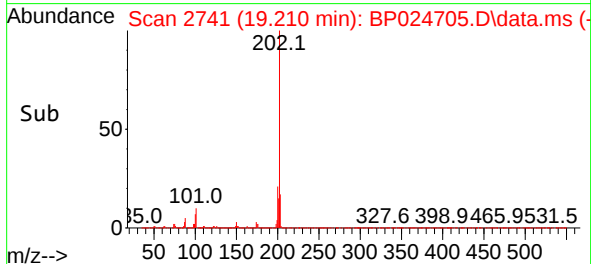
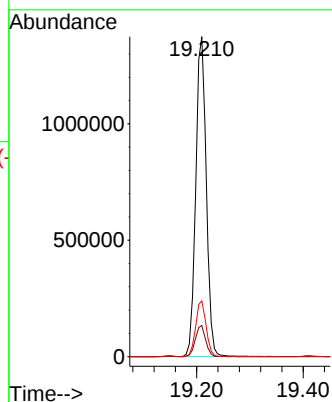
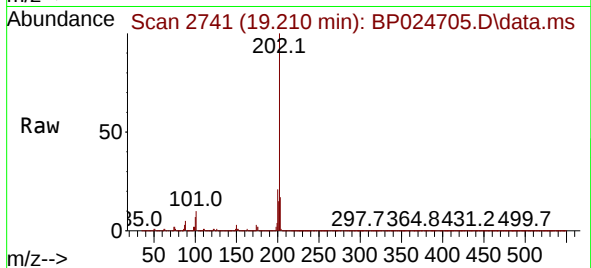
Tgt Ion:202 Resp: 1883292

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

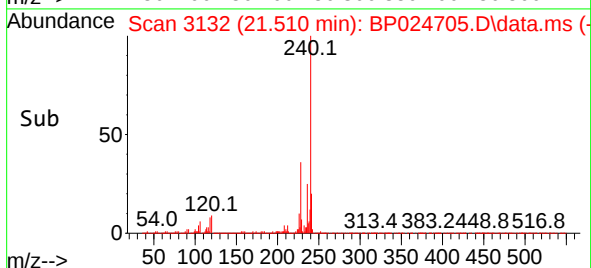
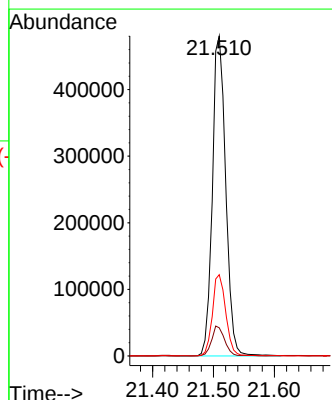
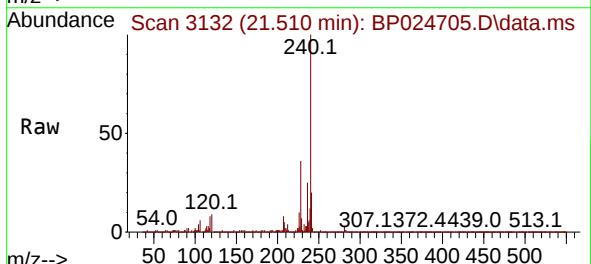
Tgt Ion:240 Resp: 731405

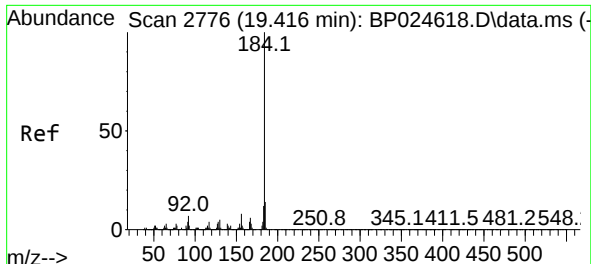
Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

236 25.4 20.6 31.0

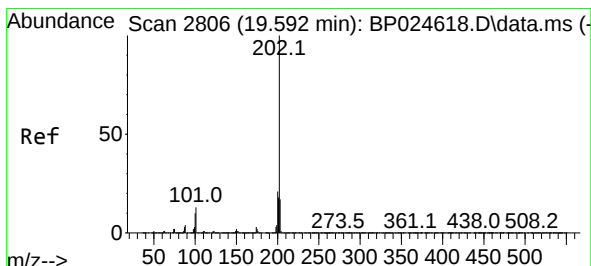
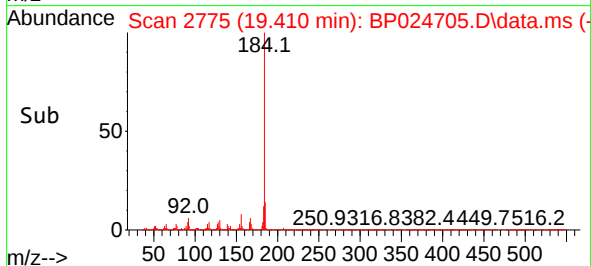
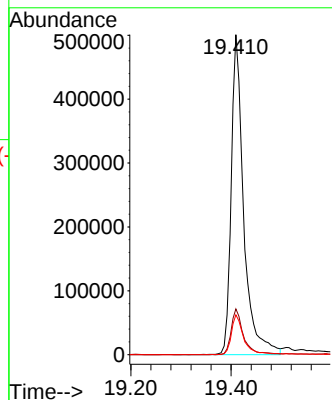
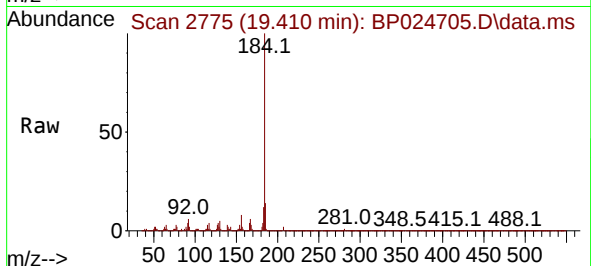




#77
Benzidine
Concen: 43.463 ng
RT: 19.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

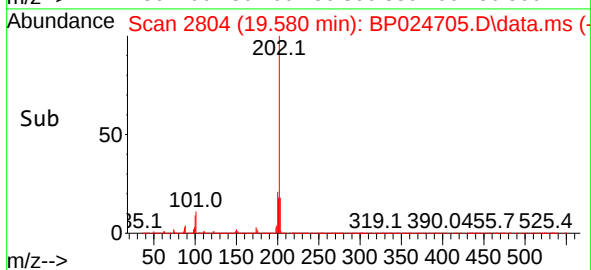
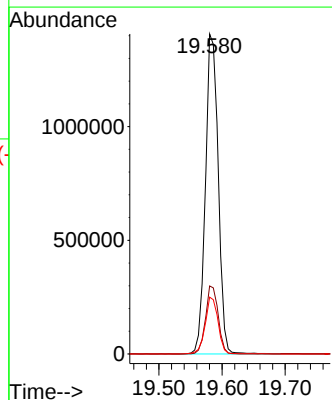
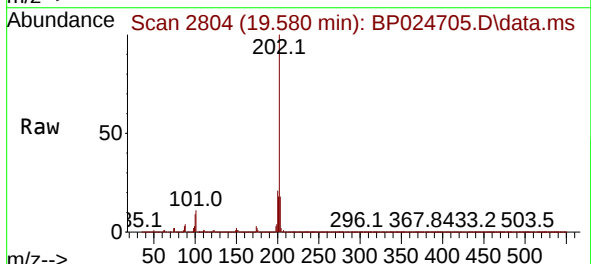
Instrument :
BNA_P
ClientSampleId :
PB168052BS

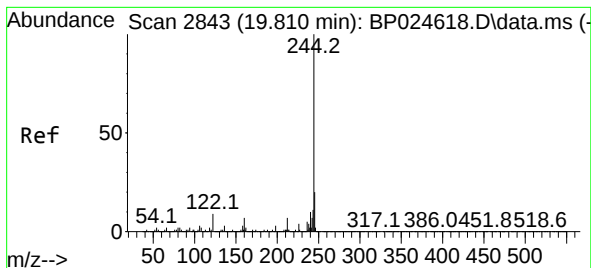
Tgt Ion:184 Resp: 865814
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 12.5 9.8 14.8



#78
Pyrene
Concen: 45.182 ng
RT: 19.580 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:202 Resp: 1980054
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 78.639 ng

RT: 19.798 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

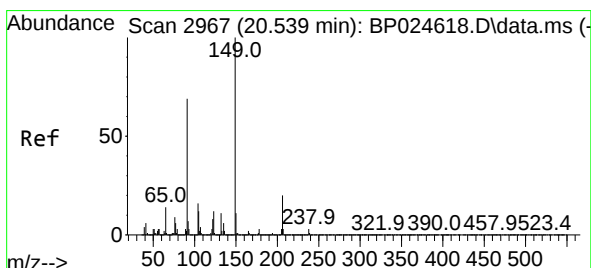
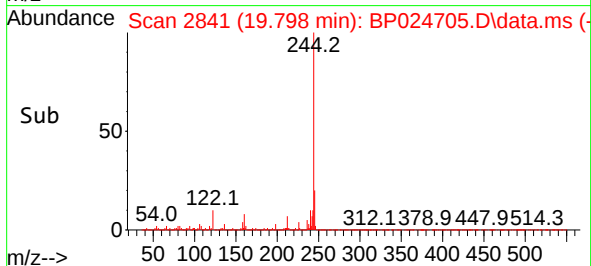
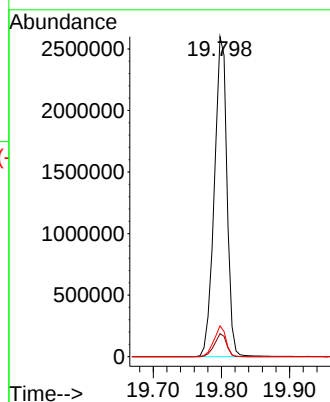
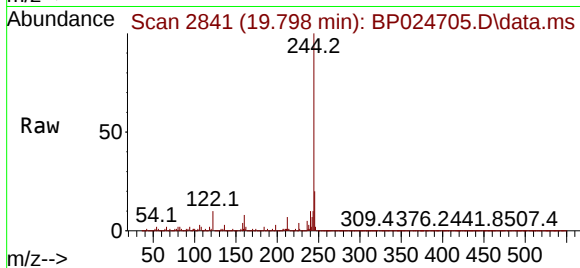
Tgt Ion:244 Resp: 3354339

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.6 7.4 11.0



#80

Butylbenzylphthalate

Concen: 46.021 ng

RT: 20.533 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

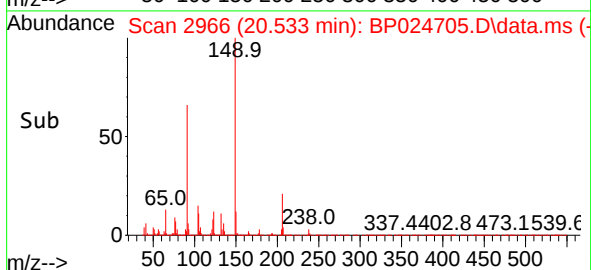
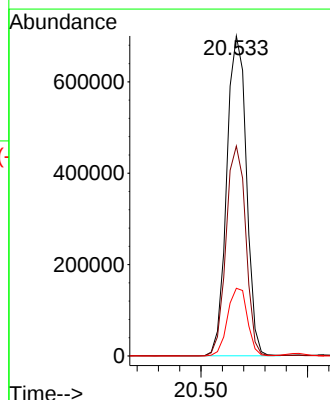
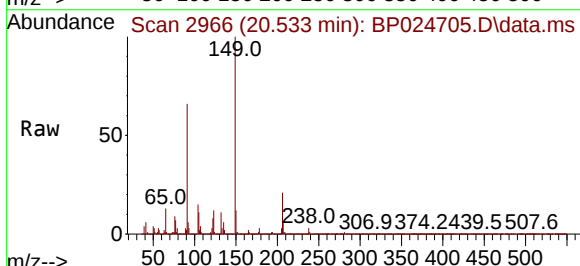
Tgt Ion:149 Resp: 896959

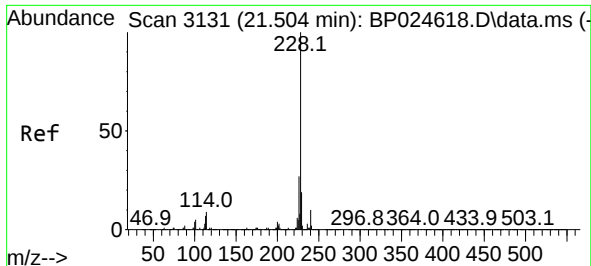
Ion Ratio Lower Upper

149 100

91 65.6 55.4 83.0

206 21.2 16.2 24.2

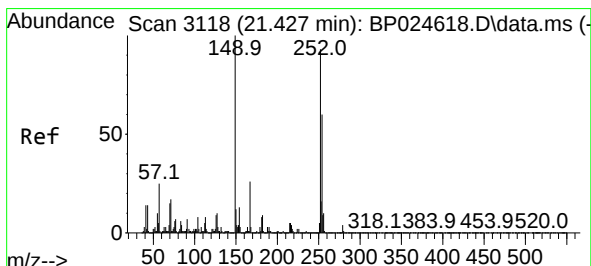
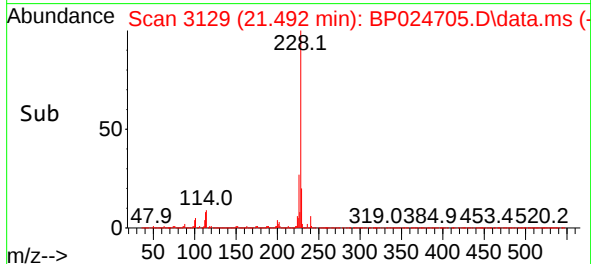
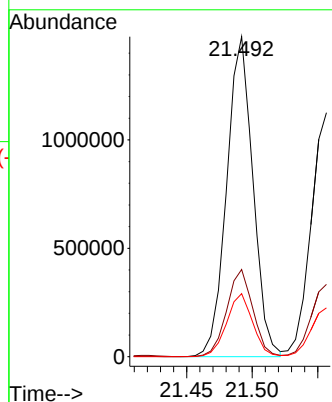
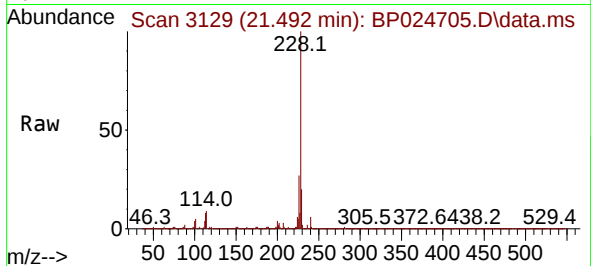




#81
Benzo(a)anthracene
Concen: 44.712 ng
RT: 21.492 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

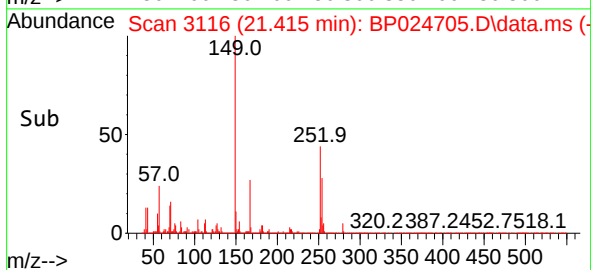
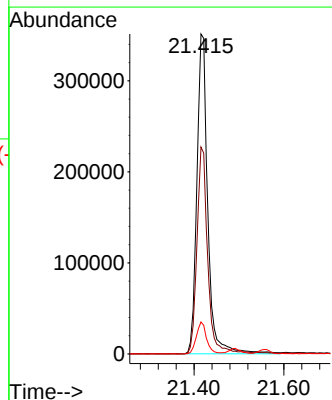
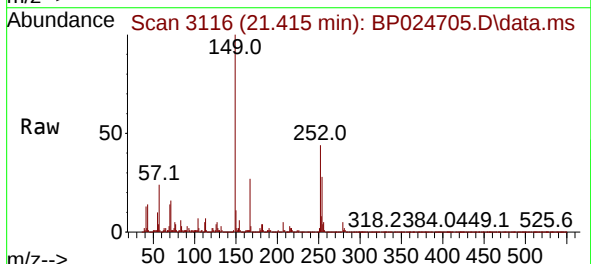
Instrument :
BNA_P
ClientSampleId :
PB168052BS

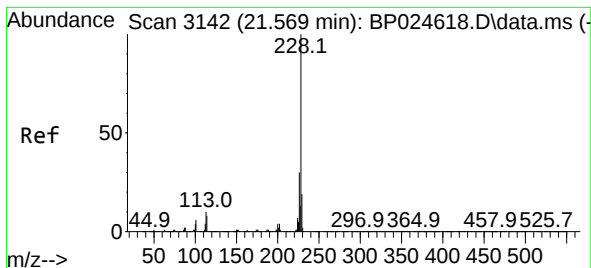
Tgt Ion:228 Resp: 2053455
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 34.718 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP024705.D
Acq: 20 May 2025 13:14

Tgt Ion:252 Resp: 592220
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 10.0 7.7 11.5





#83

Chrysene

Concen: 44.806 ng

RT: 21.557 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

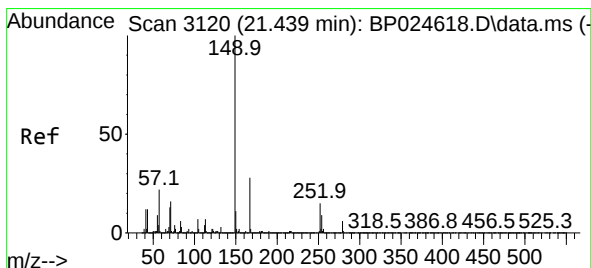
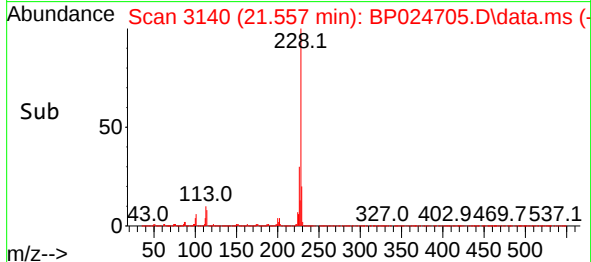
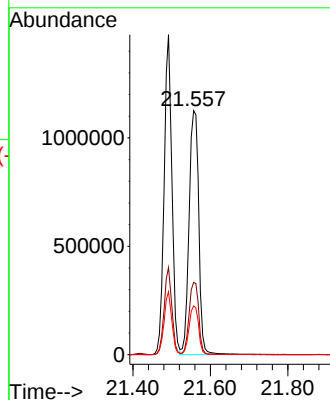
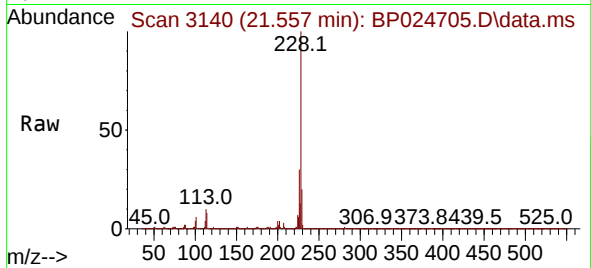
Tgt Ion:228 Resp: 1950677

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.034 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

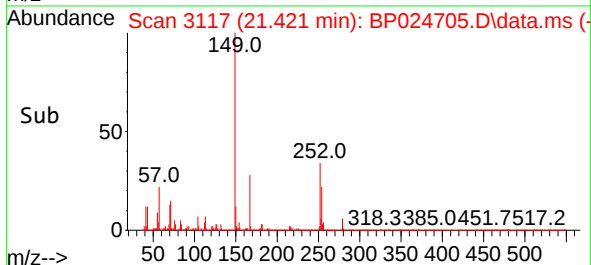
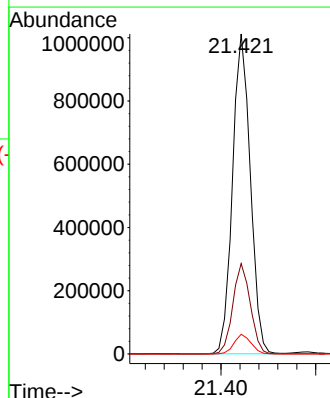
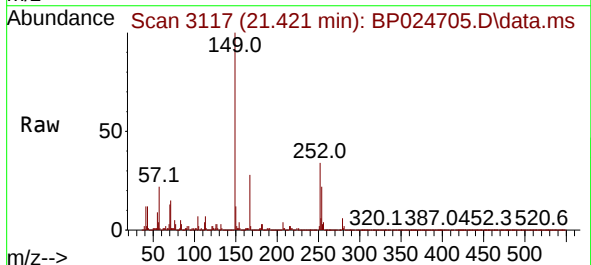
Tgt Ion:149 Resp: 1318743

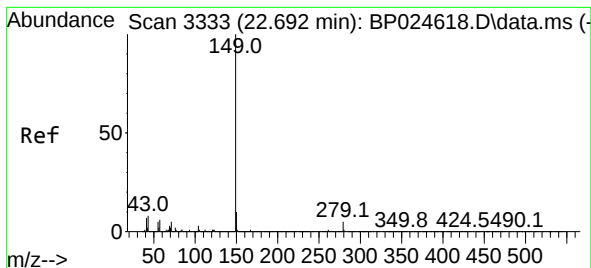
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 6.1 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 48.236 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

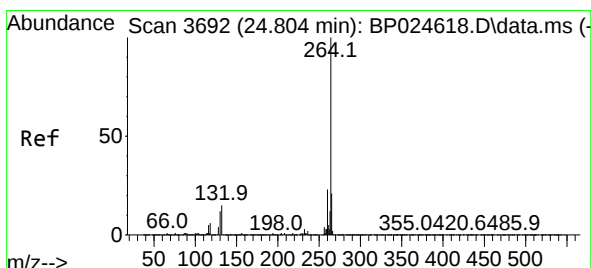
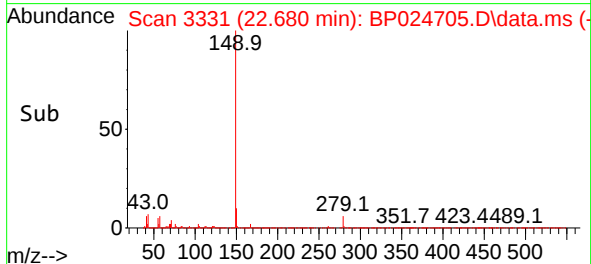
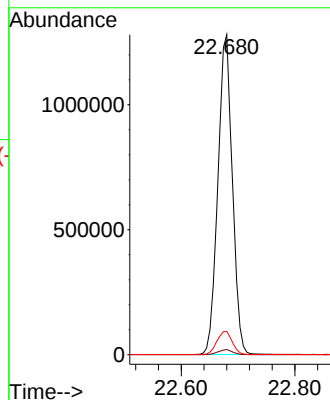
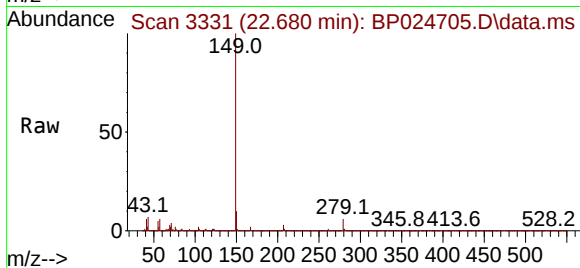
Tgt Ion:149 Resp: 2259680

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

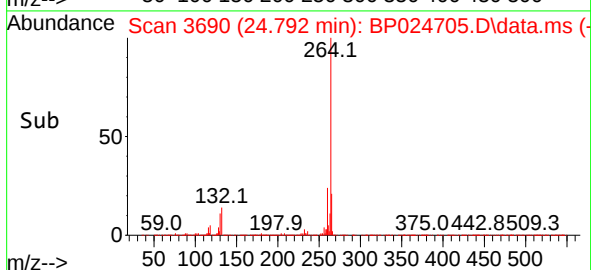
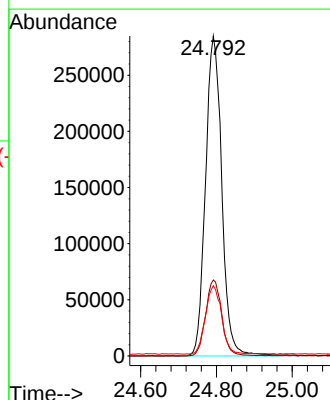
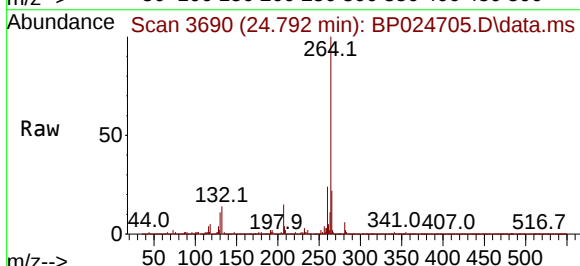
Tgt Ion:264 Resp: 845958

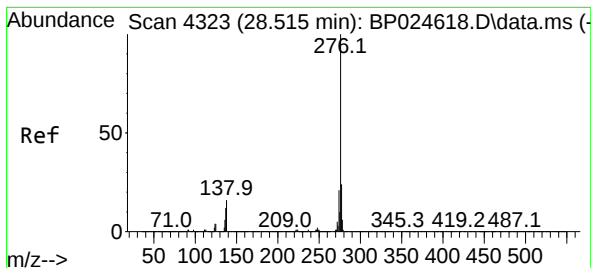
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.469 ng

RT: 28.509 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

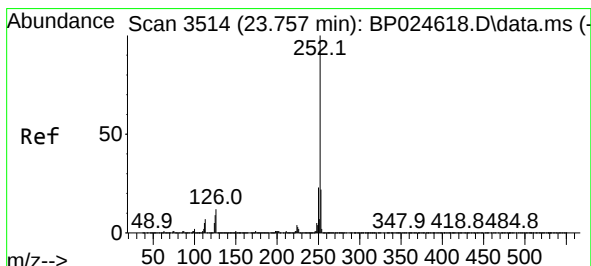
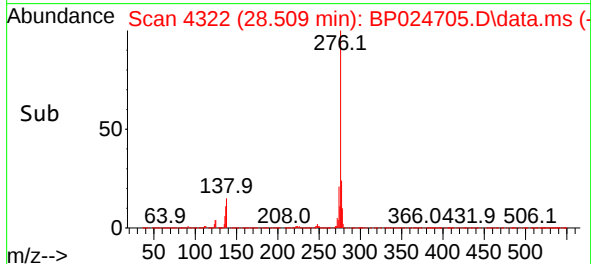
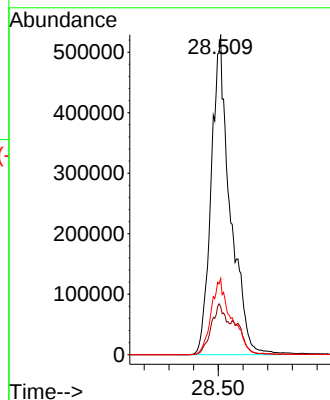
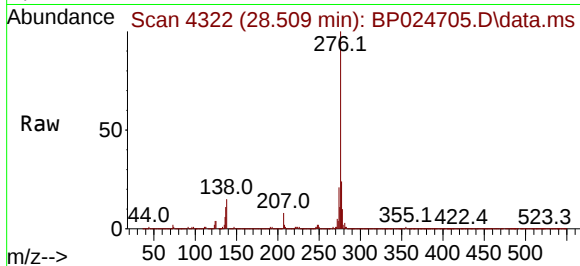
Tgt Ion:276 Resp: 2808165

Ion Ratio Lower Upper

276 100

138 13.3 11.2 16.8

277 25.4 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.126 ng

RT: 23.756 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

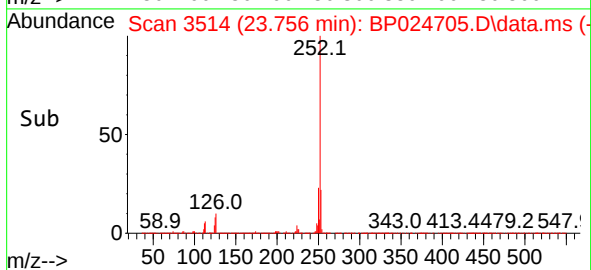
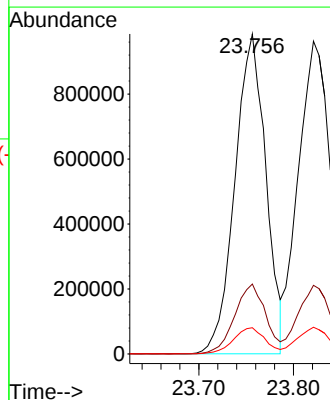
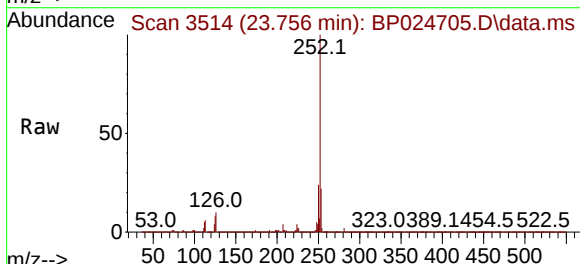
Tgt Ion:252 Resp: 2233491

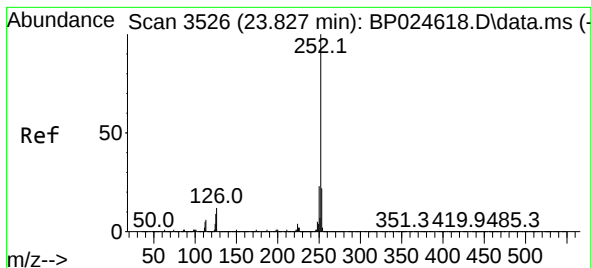
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.515 ng

RT: 23.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

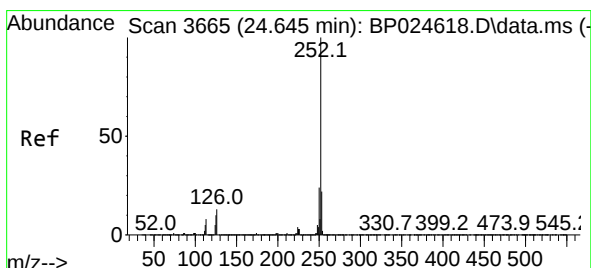
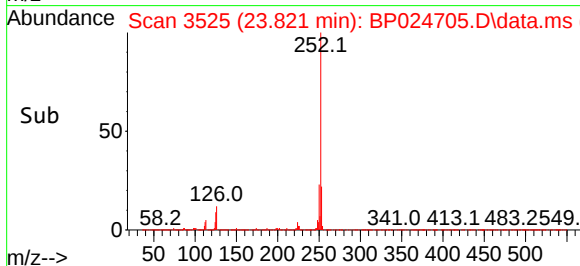
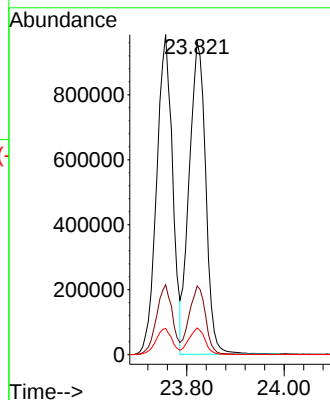
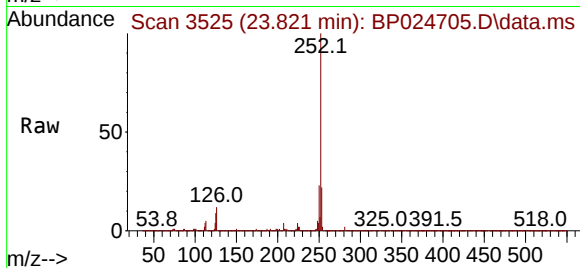
Tgt Ion:252 Resp: 2270983

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.6 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.887 ng

RT: 24.639 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

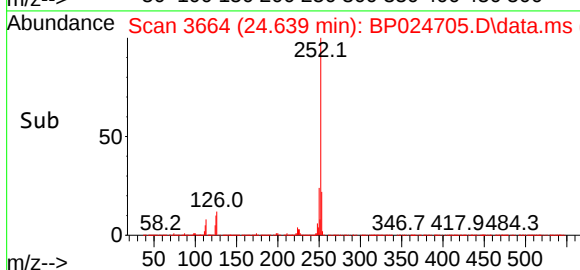
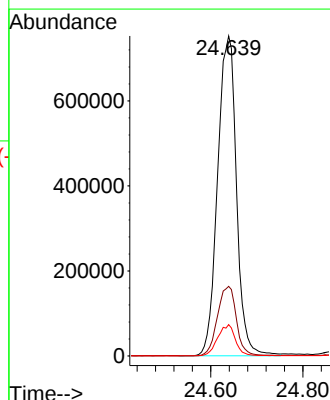
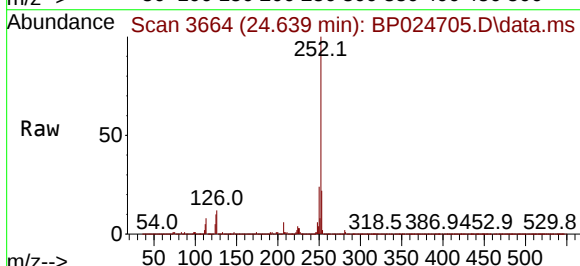
Tgt Ion:252 Resp: 2133961

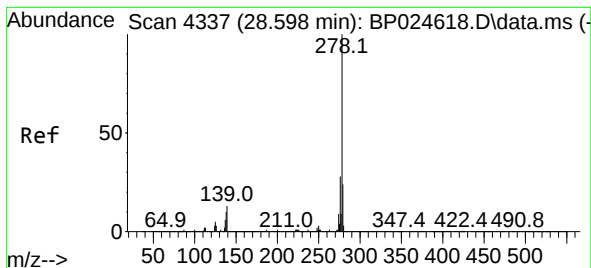
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.786 ng

RT: 28.580 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Instrument :

BNA_P

ClientSampleId :

PB168052BS

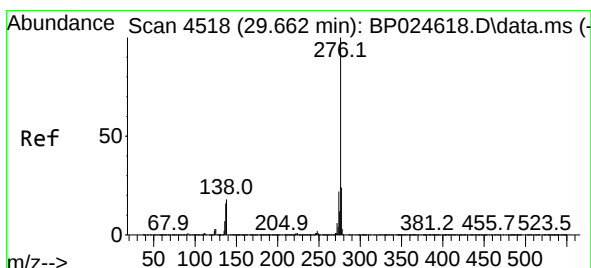
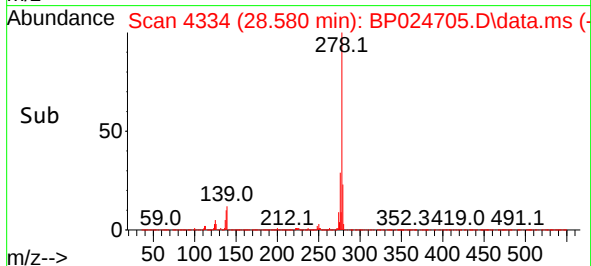
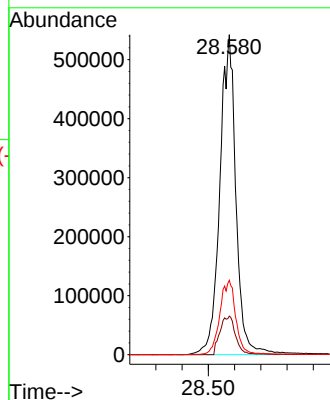
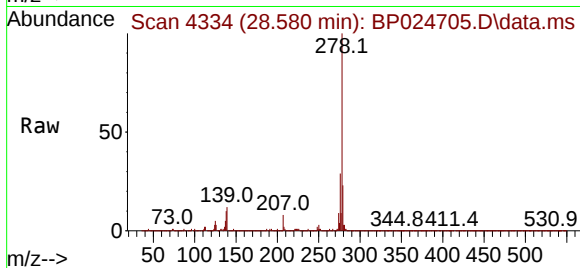
Tgt Ion:278 Resp: 2300458

Ion Ratio Lower Upper

278 100

139 12.1 10.2 15.4

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.853 ng

RT: 29.656 min Scan# 4517

Delta R.T. -0.006 min

Lab File: BP024705.D

Acq: 20 May 2025 13:14

Tgt Ion:276 Resp: 2241059

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 16.7 14.4 21.6

