

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024781.D
 Acq On : 23 May 2025 06:37
 Operator : RC/JU
 Sample : Q2084-05MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 07:18:12 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	108037	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	434452	20.000	ng	#-0.01
39) Acenaphthene-d10	14.280	164	286166	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	578083	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	676097	20.000	ng	0.00
86) Perylene-d12	24.798	264	796979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	772423	122.285	ng	0.00
7) Phenol-d6	6.851	99	859068	106.562	ng	0.00
23) Nitrobenzene-d5	8.804	82	617668	71.834	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	790451	162.935	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1710468	78.309	ng	-0.01
79) Terphenyl-d14	19.810	244	3266849	82.853	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	90197	30.409	ng	# 58
3) Pyridine	3.628	79	202877	30.847	ng	95
4) n-Nitrosodimethylamine	3.534	42	113639	39.138	ng	88
6) Aniline	6.993	93	212282	20.395	ng	99
8) 2-Chlorophenol	7.234	128	314135	43.808	ng	95
9) Benzaldehyde	6.810	77	135760	26.015	ng	99
10) Phenol	6.881	94	300215	36.081	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	249380	36.475	ng	96
12) 1,3-Dichlorobenzene	7.540	146	314661	38.141	ng	98
13) 1,4-Dichlorobenzene	7.687	146	323358	38.971	ng	99
14) 1,2-Dichlorobenzene	7.998	146	313813	38.813	ng	98
15) Benzyl Alcohol	7.898	79	254761	41.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	289017	35.298	ng	98
17) 2-Methylphenol	8.104	107	240401	40.283	ng	99
18) Hexachloroethane	8.710	117	115499	36.324	ng	95
19) n-Nitroso-di-n-propyla...	8.451	70	197788	35.468	ng	95
20) 3+4-Methylphenols	8.434	107	330548	40.718	ng	99
22) Acetophenone	8.469	105	449135	41.386	ng	# 98
24) Nitrobenzene	8.845	77	296491	39.183	ng	91
25) Isophorone	9.363	82	573414	38.445	ng	95
26) 2-Nitrophenol	9.545	139	173638	46.830	ng	97
27) 2,4-Dimethylphenol	9.616	122	292215	44.700	ng	98
28) bis(2-Chloroethoxy)met...	9.840	93	347343	38.979	ng	99
29) 2,4-Dichlorophenol	10.098	162	306064	48.313	ng	97
30) 1,2,4-Trichlorobenzene	10.281	180	316944	44.397	ng	99
31) Naphthalene	10.469	128	957345	42.523	ng	100
32) Benzoic acid	9.787	122	122437	30.186	ng	94
33) 4-Chloroaniline	10.598	127	92479	10.179	ng	98
34) Hexachlorobutadiene	10.751	225	207866	44.948	ng	96
35) Caprolactam	11.392	113	79463	34.669	ng	93
36) 4-Chloro-3-methylphenol	11.734	107	349143	45.194	ng	96
37) 2-Methylnaphthalene	12.081	142	638165	43.776	ng	99
38) 1-Methylnaphthalene	12.304	142	679515	43.565	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	386482	46.508	ng	99
41) Hexachlorocyclopentadiene	12.434	237	453539	90.008	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	271510	50.444	ng	98

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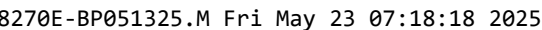
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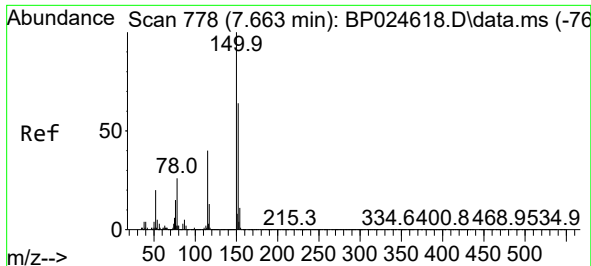
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	298072	49.751	ng	97
46) 1,1'-Biphenyl	13.104	154	960368	45.406	ng	99
47) 2-Chloronaphthalene	13.151	162	724470	44.923	ng	99
48) 2-Nitroaniline	13.369	65	208442	43.657	ng	92
49) Acenaphthylene	14.004	152	1224342	45.366	ng	100
50) Dimethylphthalate	13.745	163	1004105	46.035	ng	100
51) 2,6-Dinitrotoluene	13.863	165	215083	46.691	ng	99
52) Acenaphthene	14.345	154	697395	44.950	ng	100
53) 3-Nitroaniline	14.210	138	107885	22.937	ng	93
54) 2,4-Dinitrophenol	14.422	184	179869	63.368	ng	96
55) Dibenzofuran	14.692	168	1143281	46.198	ng	98
56) 4-Nitrophenol	14.563	139	291282	71.979	ng	95
57) 2,4-Dinitrotoluene	14.669	165	321669	49.531	ng	94
58) Fluorene	15.351	166	937787	46.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	277300	49.893	ng	94
60) Diethylphthalate	15.122	149	996665	45.210	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	476218	47.322	ng	96
62) 4-Nitroaniline	15.392	138	183275	40.354	ng	98
63) Azobenzene	15.639	77	758380	40.213	ng	93
65) 4,6-Dinitro-2-methylph...	15.451	198	153062	40.991	ng	93
66) n-Nitrosodiphenylamine	15.563	169	821478	46.264	ng	100
67) 4-Bromophenyl-phenylether	16.251	248	336806	49.444	ng	99
68) Hexachlorobenzene	16.374	284	437590	50.555	ng	94
69) Atrazine	16.545	200	319741	49.136	ng	98
70) Pentachlorophenol	16.739	266	528649	108.802	ng	98
71) Phenanthrene	17.121	178	1494432	46.503	ng	99
72) Anthracene	17.216	178	1519903	47.008	ng	99
73) Carbazole	17.504	167	1403513	47.960	ng	99
74) Di-n-butylphthalate	18.086	149	1776899	47.212	ng	99
75) Fluoranthene	19.210	202	1768091	47.067	ng	98
77) Benzidine	19.433	184	164476	8.932	ng	100
78) Pyrene	19.592	202	1833386	45.257	ng	100
80) Butylbenzylphthalate	20.539	149	820550	45.544	ng	94
81) Benzo(a)anthracene	21.498	228	1961039	46.193	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	443743	28.142	ng	98
83) Chrysene	21.568	228	1846260	45.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1197514	45.221	ng	98
85) Di-n-octyl phthalate	22.680	149	2044617	47.215	ng	98
87) Indeno(1,2,3-cd)pyrene	28.533	276	2905896	49.943	ng	# 88
88) Benzo(b)fluoranthene	23.756	252	2141437	46.943	ng	99
89) Benzo(k)fluoranthene	23.827	252	2158581	45.921	ng	99
90) Benzo(a)pyrene	24.651	252	2053264	46.865	ng	98
91) Dibenzo(a,h)anthracene	28.586	278	2377257	50.222	ng	98
92) Benzo(g,h,i)perylene	29.650	276	2306774	49.005	ng	97

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

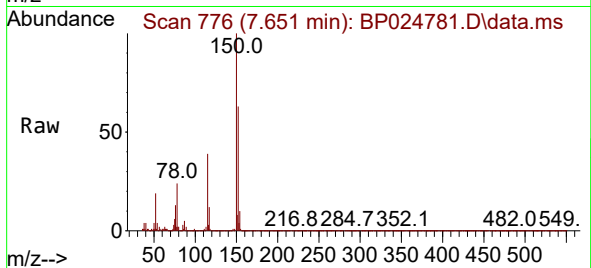
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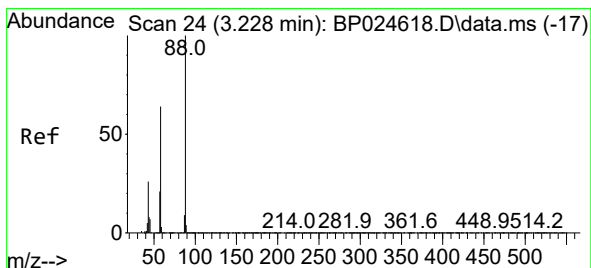
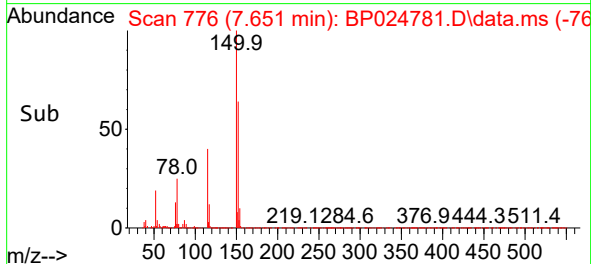
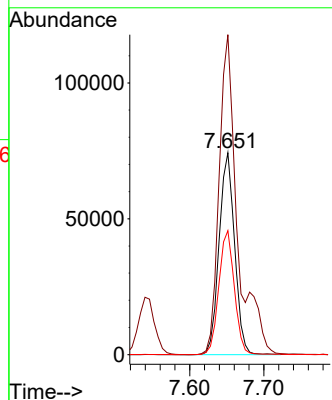


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :

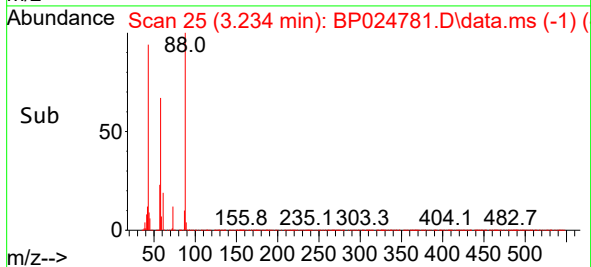
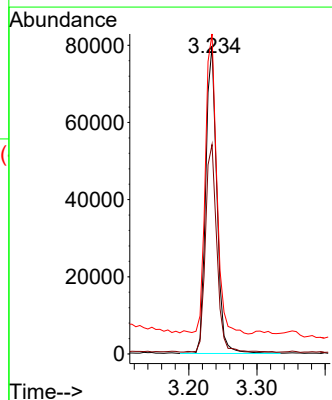
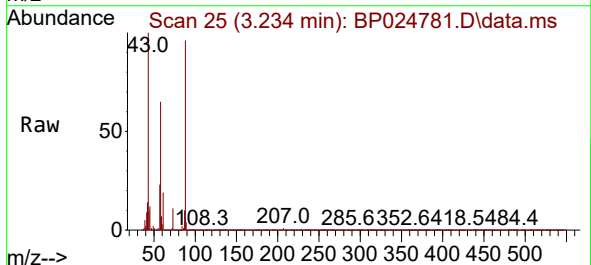


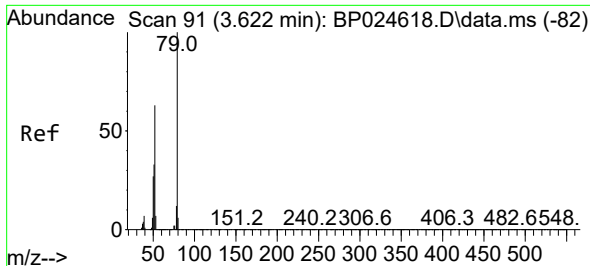
Tgt Ion:152 Resp: 108037
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 61.4 50.1 75.1



#2
1,4-Dioxane
Concen: 30.409 ng
RT: 3.234 min Scan# 25
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 88 Resp: 90197
Ion Ratio Lower Upper
88 100
58 69.3 54.0 81.0
43 100.1 21.4 32.0#

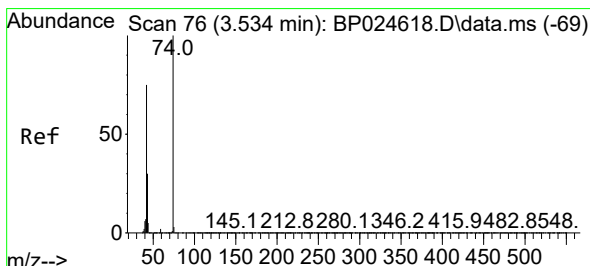
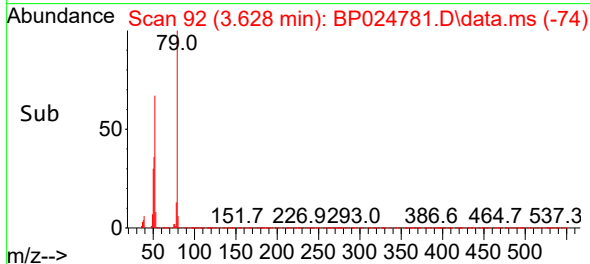
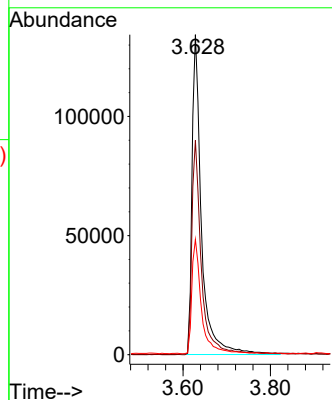
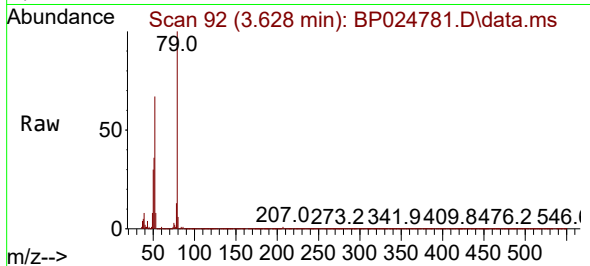




#3
Pyridine
Concen: 30.847 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

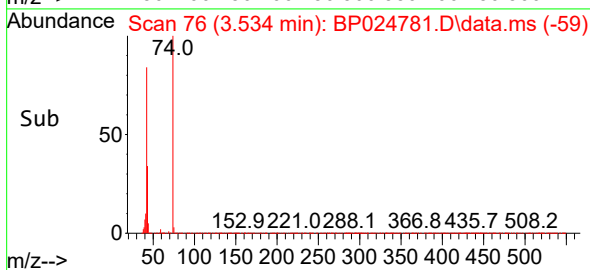
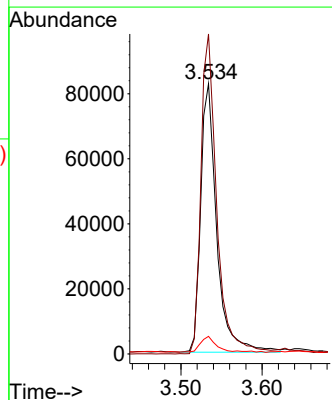
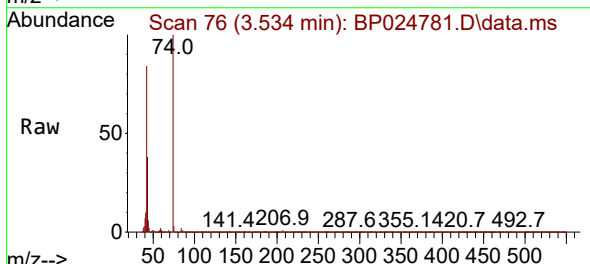
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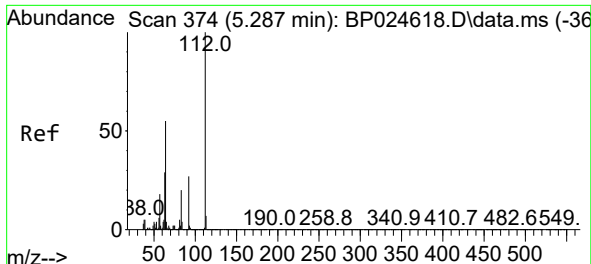
Tgt Ion: 79 Resp: 202877
Ion Ratio Lower Upper
79 100
52 67.0 50.2 75.2
51 36.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 39.138 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 42 Resp: 113639
Ion Ratio Lower Upper
42 100
74 118.4 106.2 159.2
44 6.5 5.4 8.2

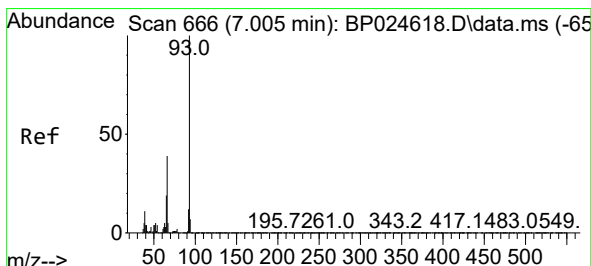
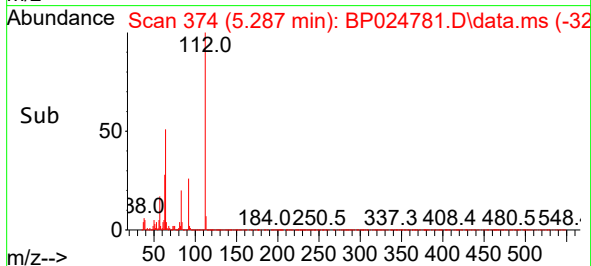
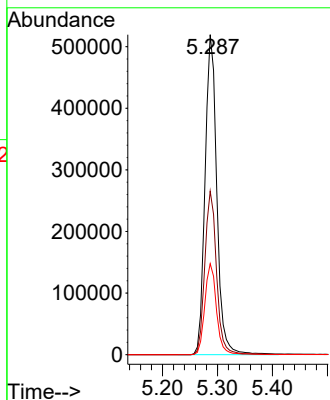
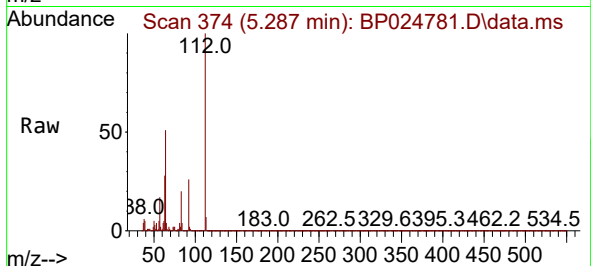




#5
2-Fluorophenol
Concen: 122.285 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

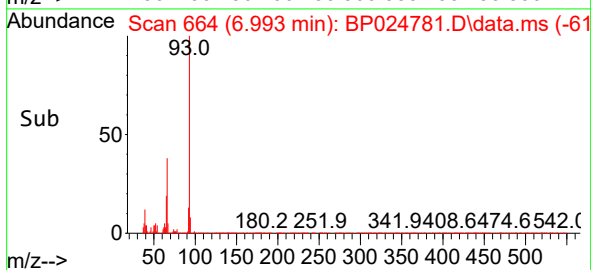
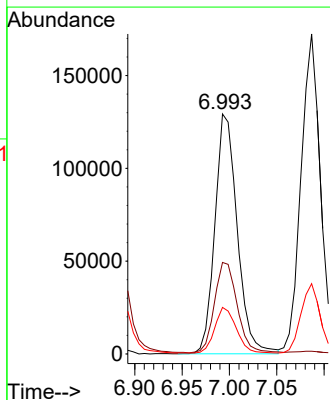
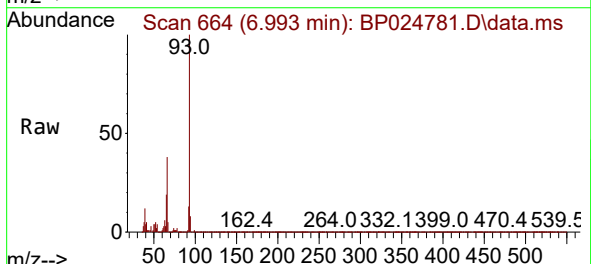
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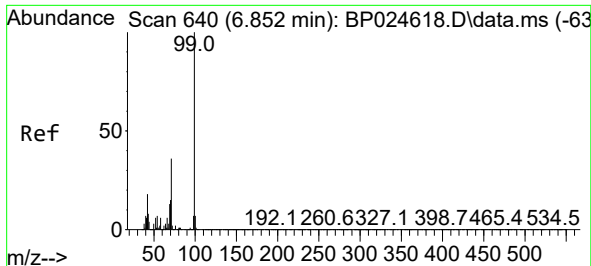
Tgt Ion:112 Resp: 772423
Ion Ratio Lower Upper
112 100
64 51.1 44.1 66.1
63 28.5 23.5 35.3



#6
Aniline
Concen: 20.395 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 93 Resp: 212282
Ion Ratio Lower Upper
93 100
66 38.1 31.0 46.6
65 19.4 15.5 23.3

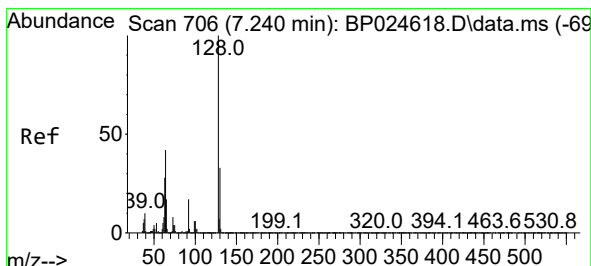
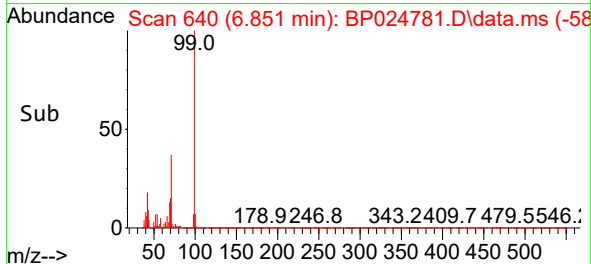
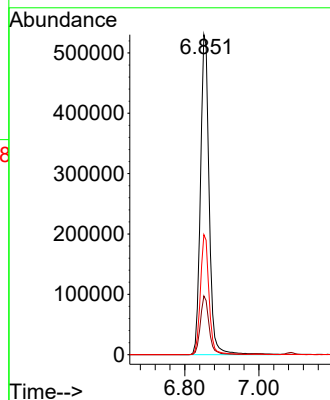
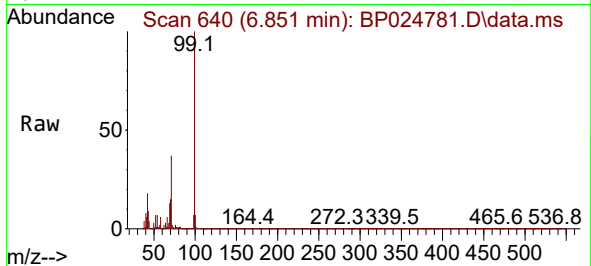




#7
Phenol-d6
Concen: 106.562 ng
RT: 6.851 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

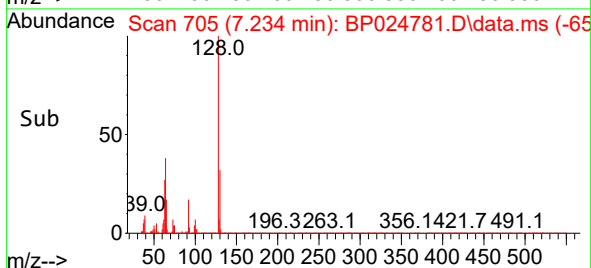
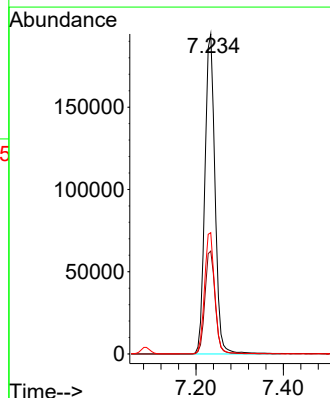
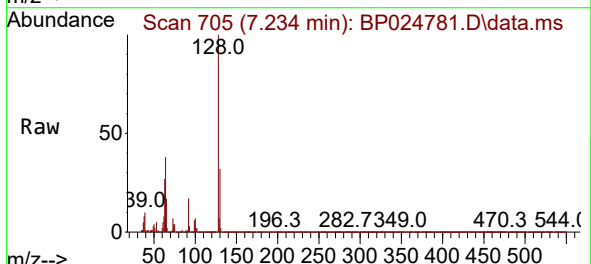
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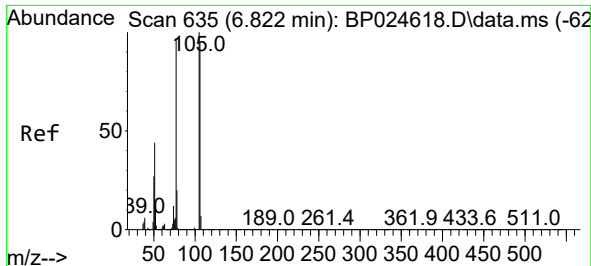
Tgt Ion: 99 Resp: 859068
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 37.5 29.2 43.8



#8
2-Chlorophenol
Concen: 43.808 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 128 Resp: 314135
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 37.9 22.3 62.3

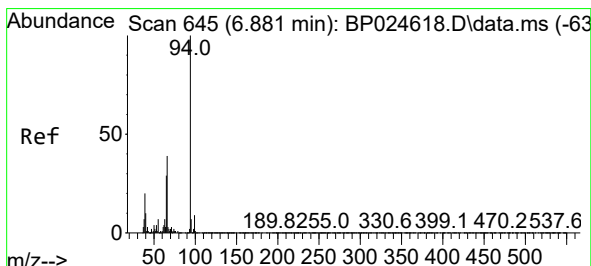
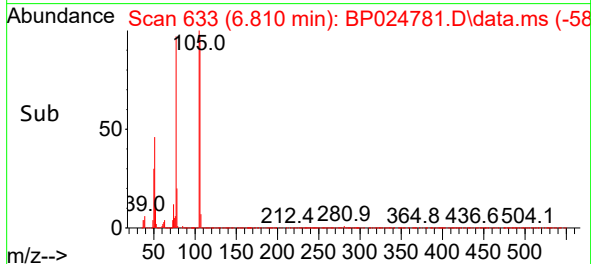
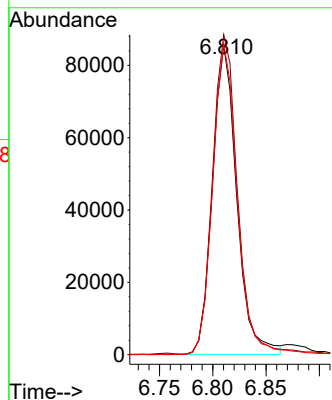
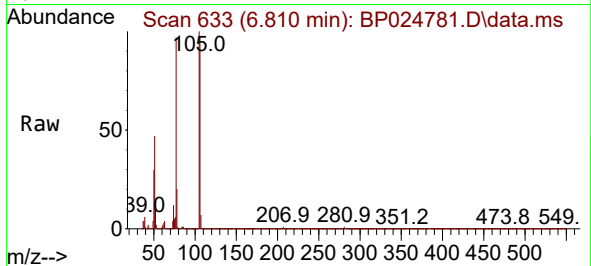




#9
Benzaldehyde
Concen: 26.015 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

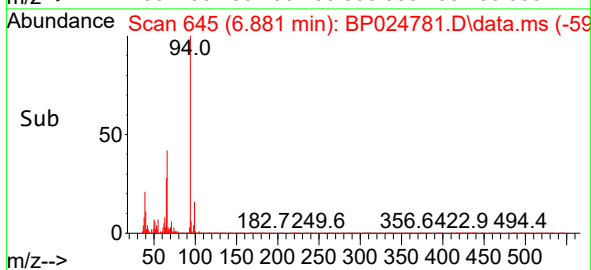
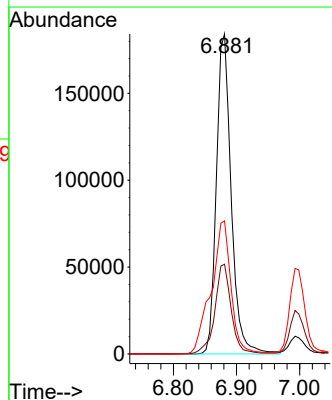
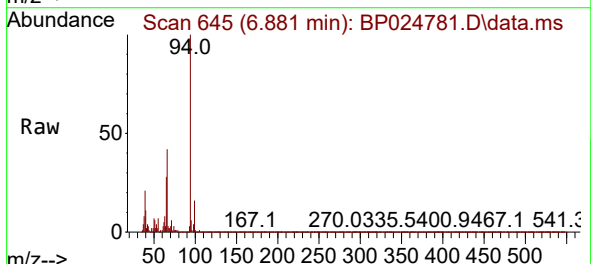
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ClientSampleId :

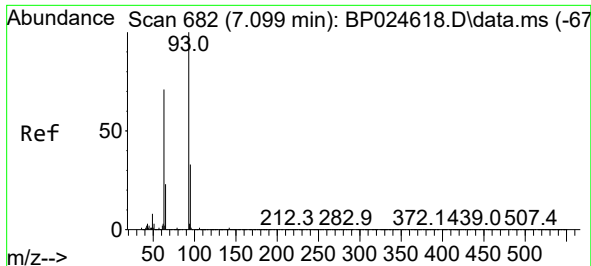
Tgt Ion: 77 Resp: 135760
Ion Ratio Lower Upper
77 100
105 103.4 83.3 123.3
106 100.4 78.0 118.0



#10
Phenol
Concen: 36.081 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 94 Resp: 300215
Ion Ratio Lower Upper
94 100
65 28.1 8.7 48.7
66 41.6 19.4 59.4

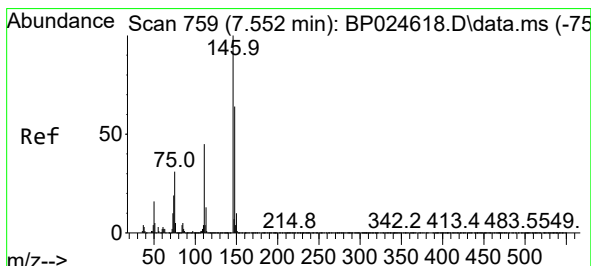
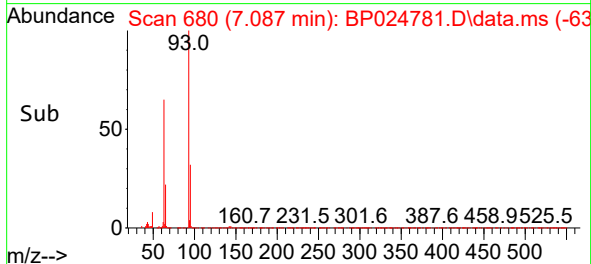
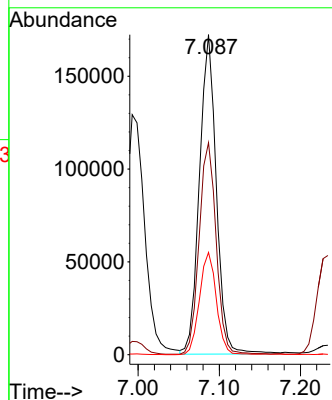
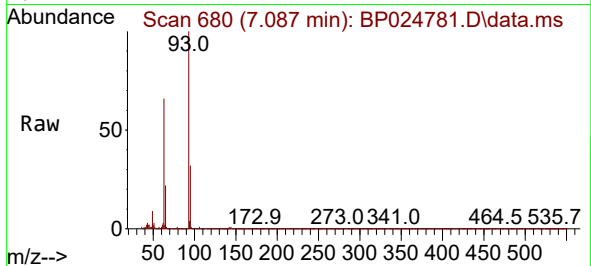




#11
bis(2-Chloroethyl)ether
Concen: 36.475 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

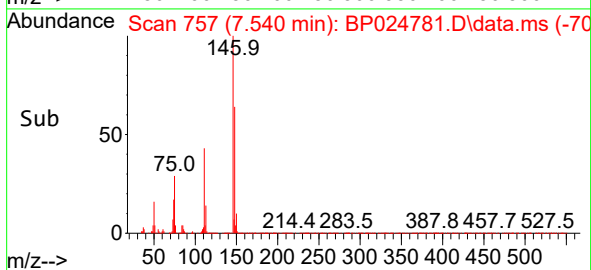
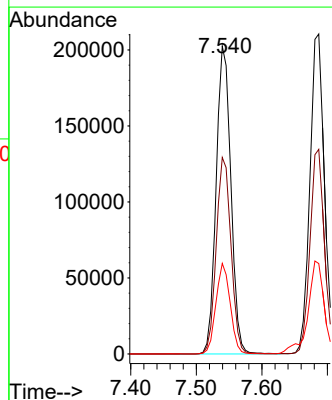
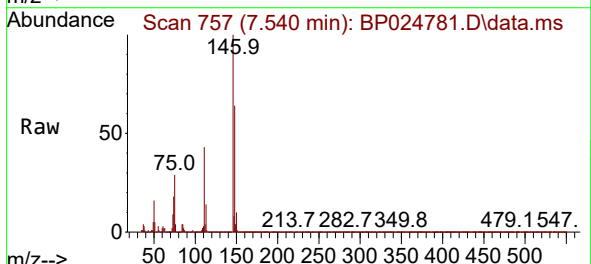
Instrument :
BNA_P
ClientSampleId :

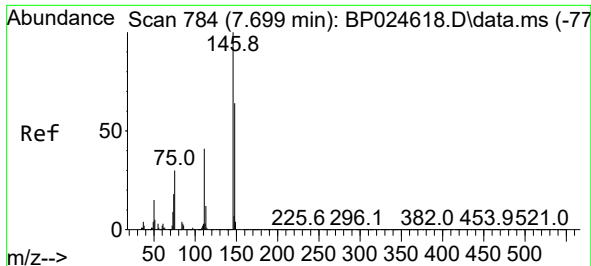
Tgt Ion: 93 Resp: 249380
Ion Ratio Lower Upper
93 100
63 66.2 50.6 90.6
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.141 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

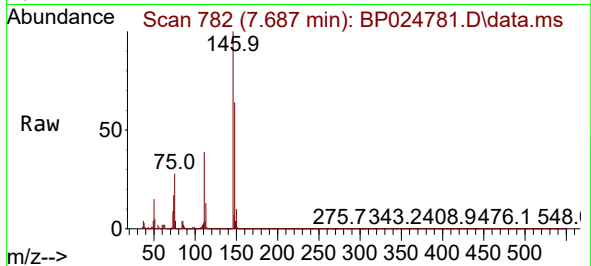
Tgt Ion: 146 Resp: 314661
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 29.4 25.2 37.8



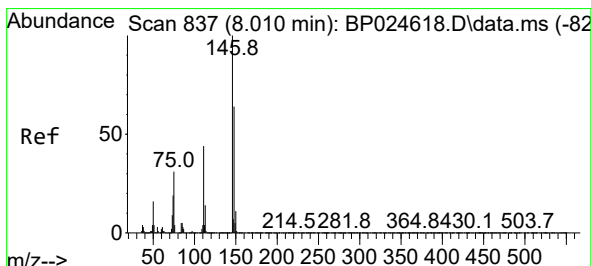
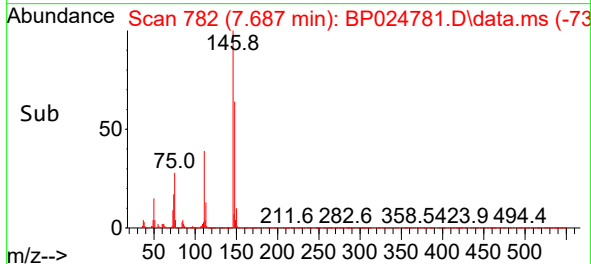
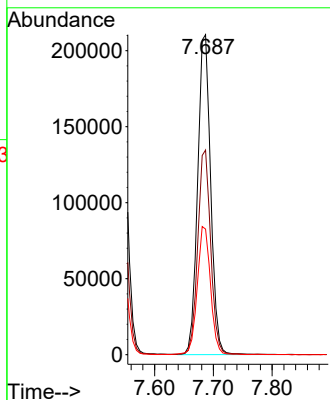


#13
1,4-Dichlorobenzene
Concen: 38.971 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :

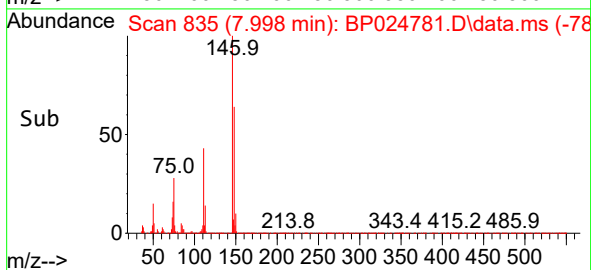
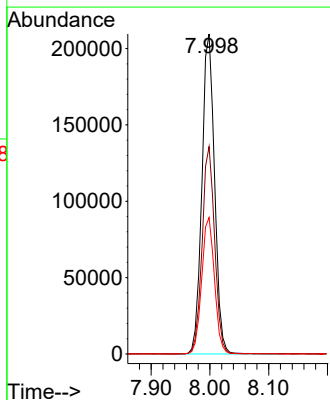
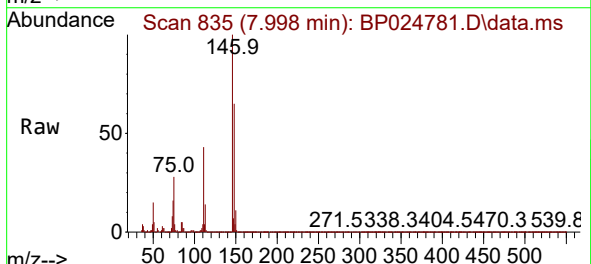


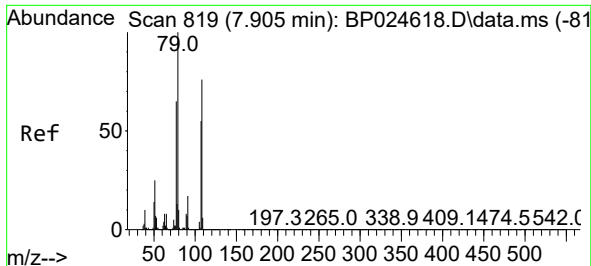
Tgt Ion:146 Resp: 323358
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 39.2 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 38.813 ng
RT: 7.998 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:146 Resp: 313813
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 42.7 35.2 52.8

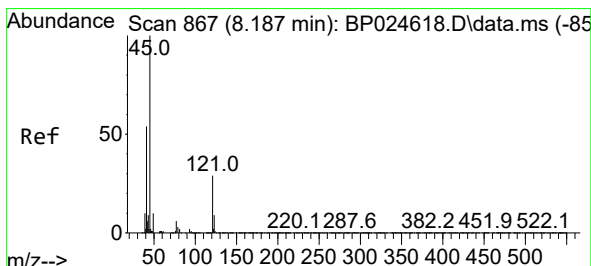
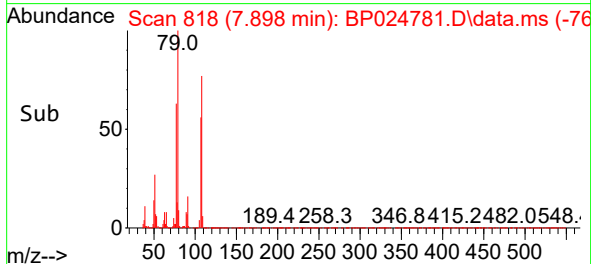
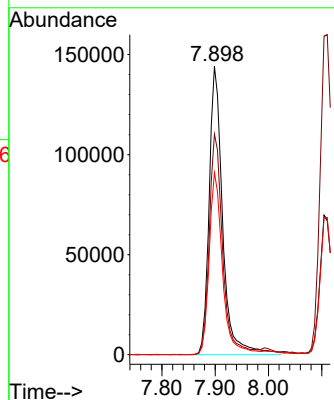
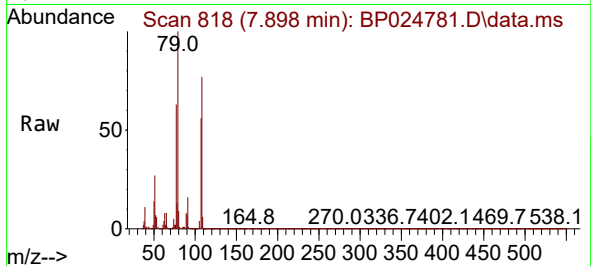




#15
Benzyl Alcohol
Concen: 41.585 ng
RT: 7.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

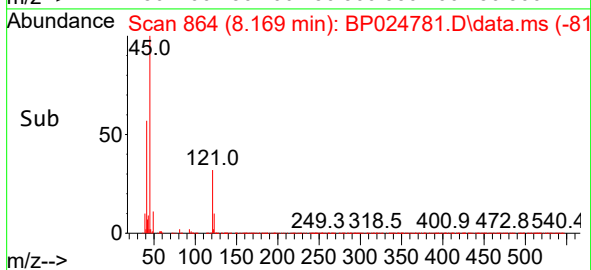
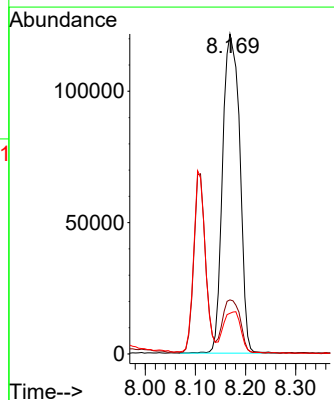
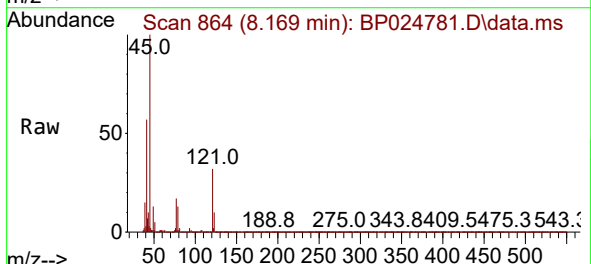
Instrument :
BNA_P
ClientSampleId :

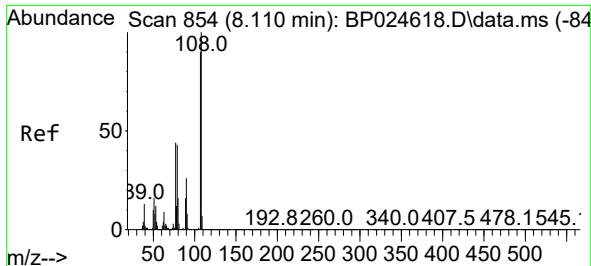
Tgt Ion: 79 Resp: 254761
Ion Ratio Lower Upper
79 100
108 76.5 60.8 91.2
77 63.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.298 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 45 Resp: 289017
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.7
79 12.7 0.0 34.0





#17

2-Methylphenol

Concen: 40.283 ng

RT: 8.104 min Scan# 81

Delta R.T. -0.006 min

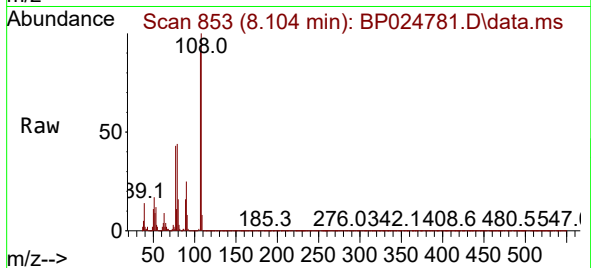
Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:107 Resp: 240401

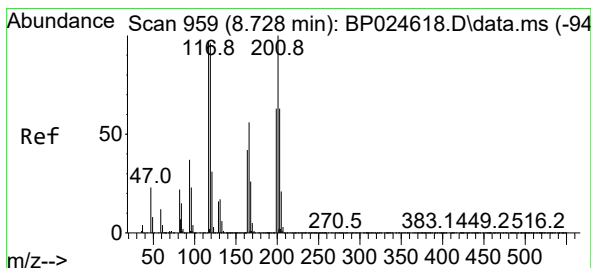
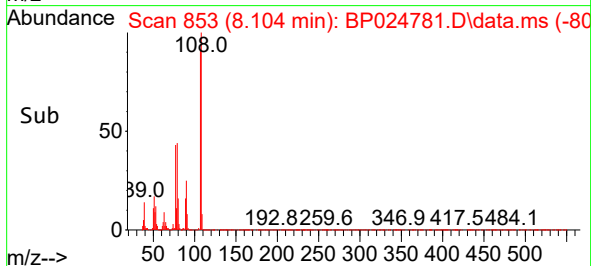
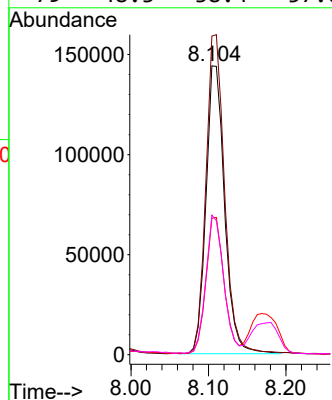
Ion	Ratio	Lower	Upper
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107	100		
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108	110.3	88.9	133.3
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77	47.3	39.0	58.6
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79	48.3	38.4	57.6
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#18

Hexachloroethane

Concen: 36.324 ng

RT: 8.710 min Scan# 956

Delta R.T. -0.018 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

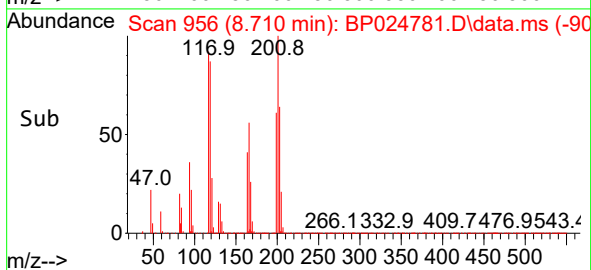
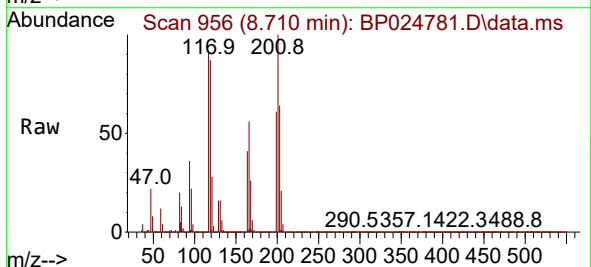
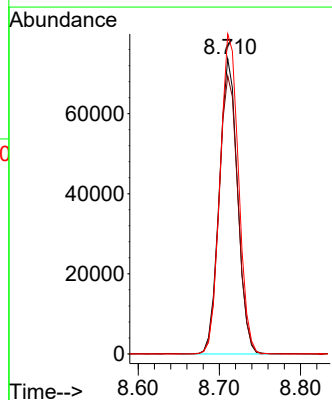
Tgt Ion:117 Resp: 115499

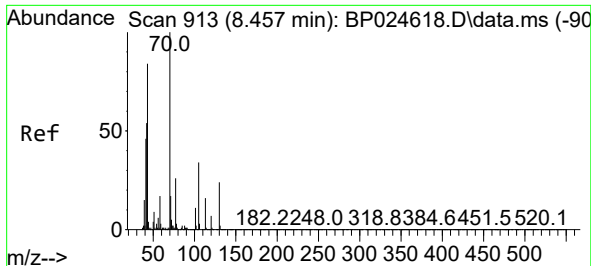
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

117	100		
-----	-----	--	--

119	94.2	79.4	119.0
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201	108.4	82.7	124.1
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#19

n-Nitroso-di-n-propylamine

Concen: 35.468 ng

RT: 8.451 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 70 Resp: 197788

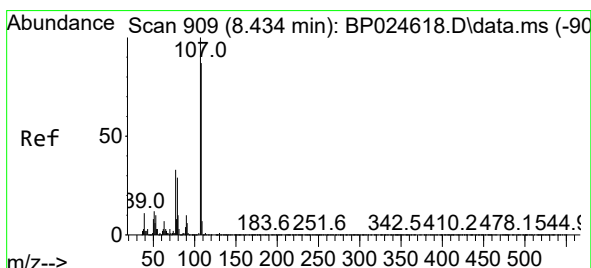
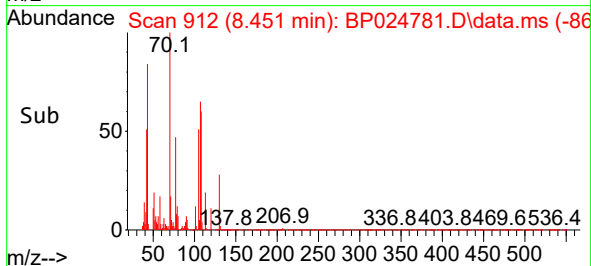
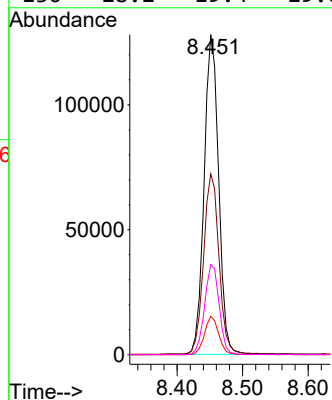
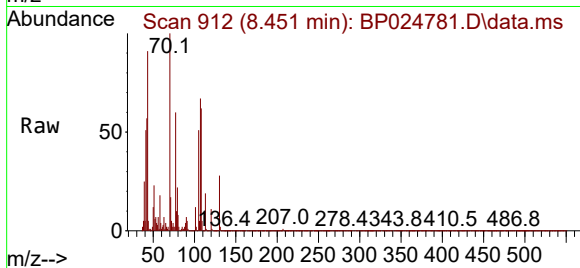
Ion Ratio Lower Upper

70 100

42 56.5 43.0 64.6

101 12.0 8.7 13.1

130 28.2 19.4 29.0



#20

3+4-Methylphenols

Concen: 40.718 ng

RT: 8.434 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Tgt Ion: 107 Resp: 330548

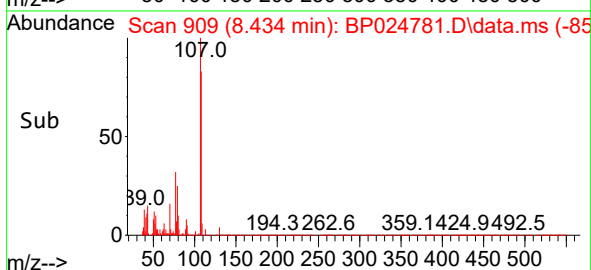
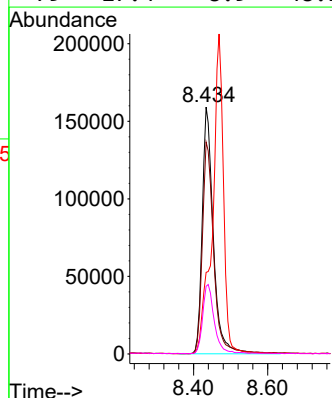
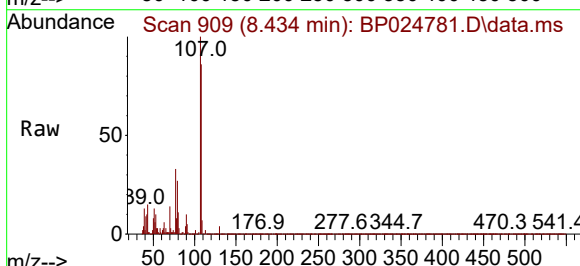
Ion Ratio Lower Upper

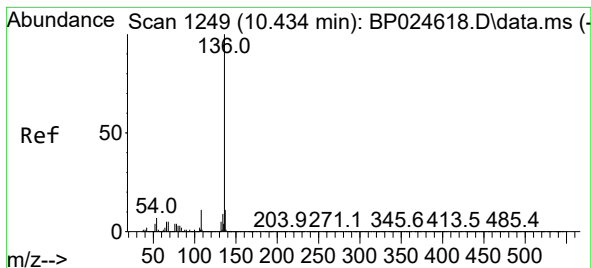
107 100

108 85.8 66.7 106.7

77 33.1 13.1 53.1

79 27.4 8.9 48.9

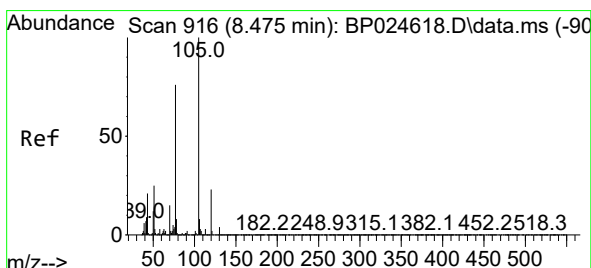
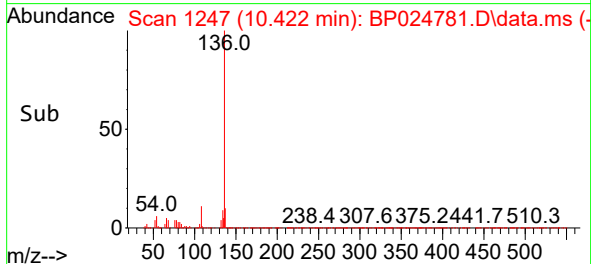
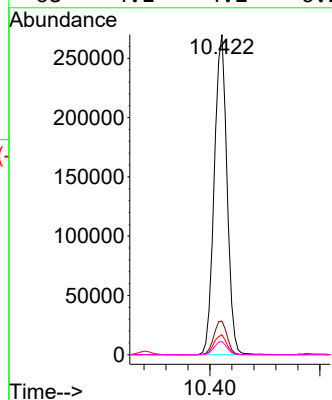
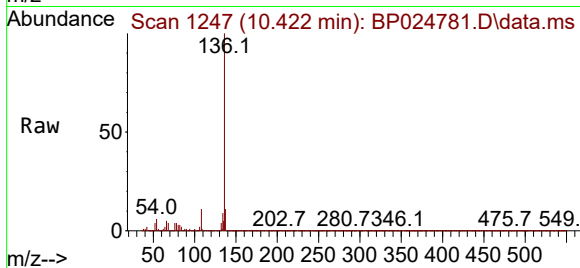




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

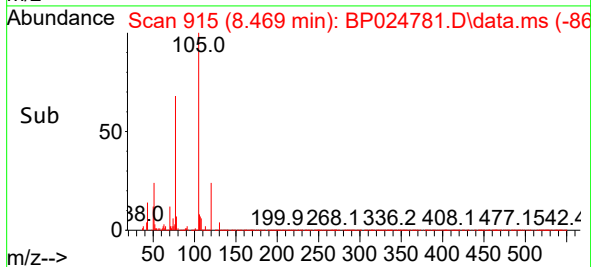
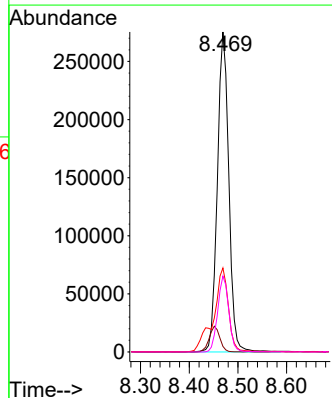
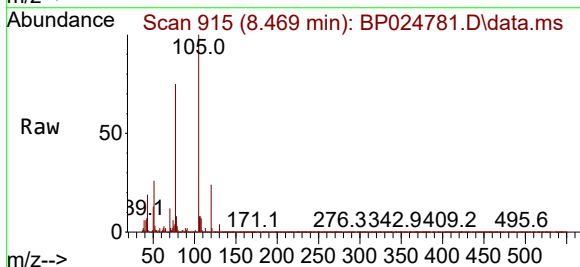
Instrument :
BNA_P
ClientSampleId :

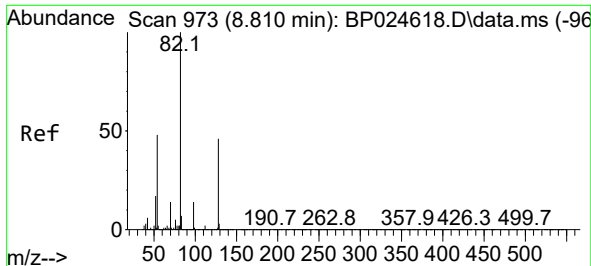
Tgt Ion:136 Resp: 434452
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.2 5.5 8.3
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 41.386 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:105 Resp: 449135
Ion Ratio Lower Upper
105 100
71 1.8 2.0 3.0#
51 26.2 20.4 30.6
120 23.7 18.1 27.1

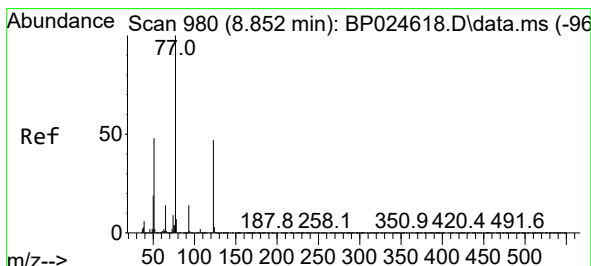
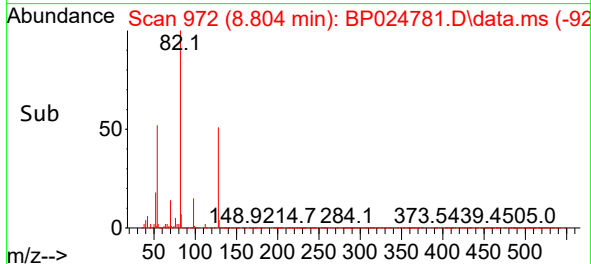
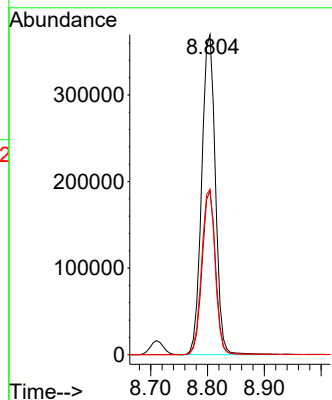
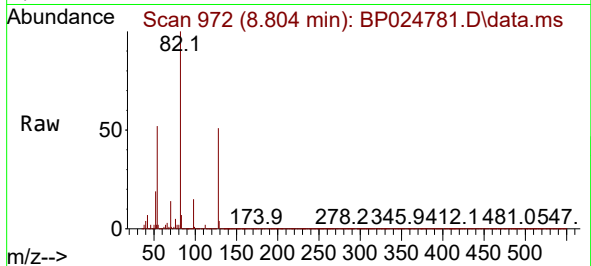




#23
Nitrobenzene-d5
Concen: 71.834 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

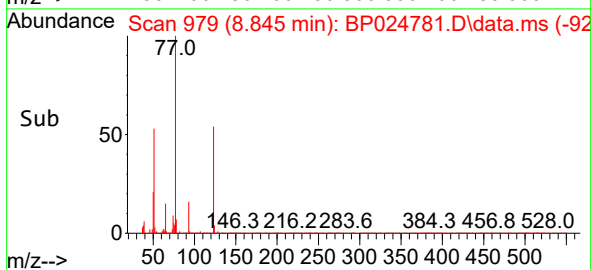
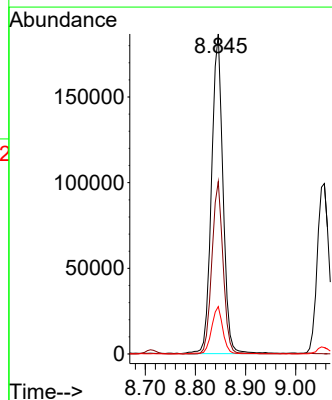
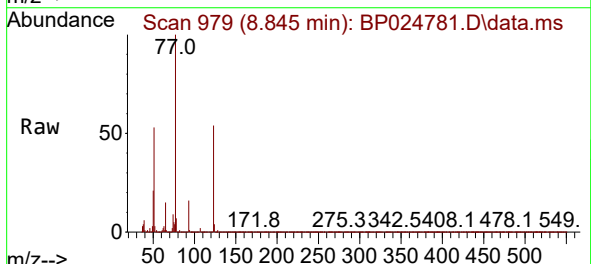
Instrument :
BNA_P
ClientSampleId :

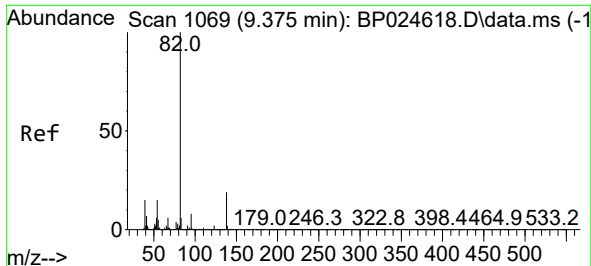
Tgt Ion: 82 Resp: 617668
Ion Ratio Lower Upper
82 100
128 51.2 37.0 55.4
54 51.6 38.7 58.1



#24
Nitrobenzene
Concen: 39.183 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 77 Resp: 296491
Ion Ratio Lower Upper
77 100
123 53.9 37.4 56.0
65 14.8 11.3 16.9

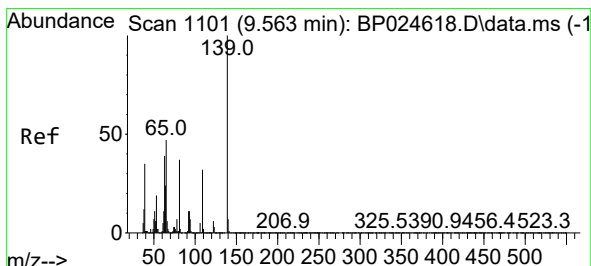
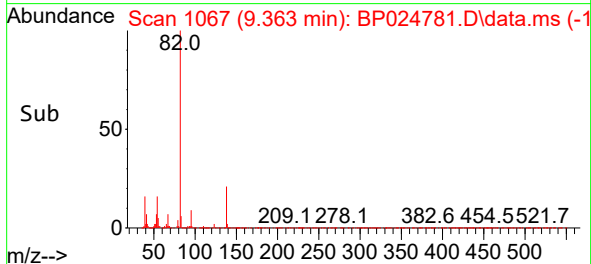
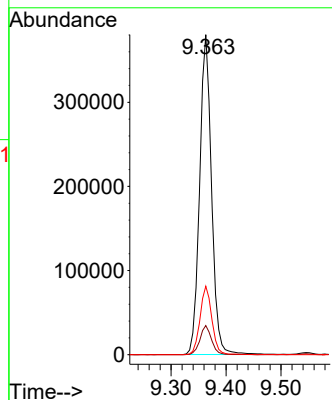
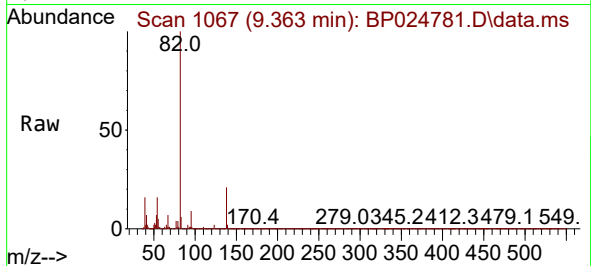




#25
Isophorone
Concen: 38.445 ng
RT: 9.363 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

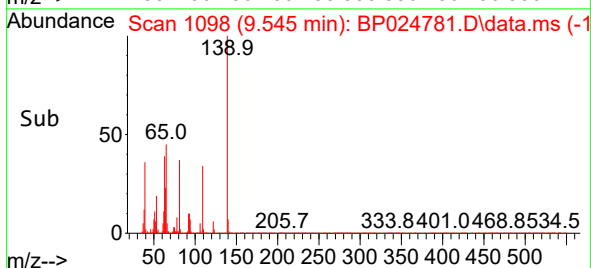
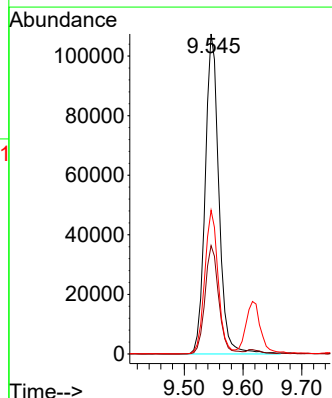
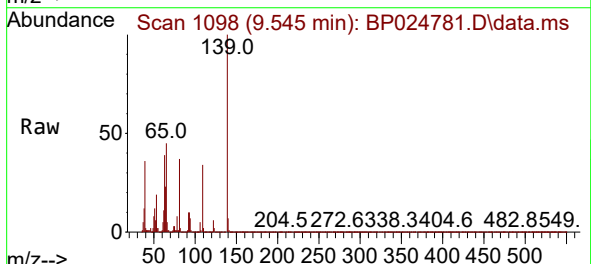
Instrument :
BNA_P
ClientSampleId :

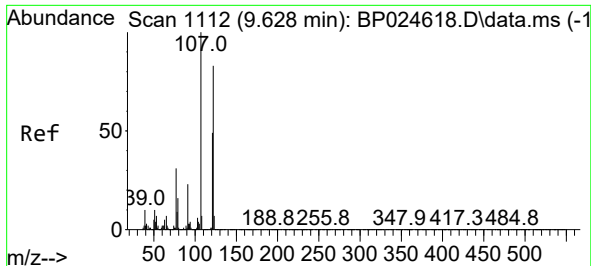
Tgt Ion: 82 Resp: 573414
Ion Ratio Lower Upper
82 100
95 9.1 6.3 9.5
138 21.4 15.3 22.9



#26
2-Nitrophenol
Concen: 46.830 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 139 Resp: 173638
Ion Ratio Lower Upper
139 100
109 33.8 25.9 38.9
65 44.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.700 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

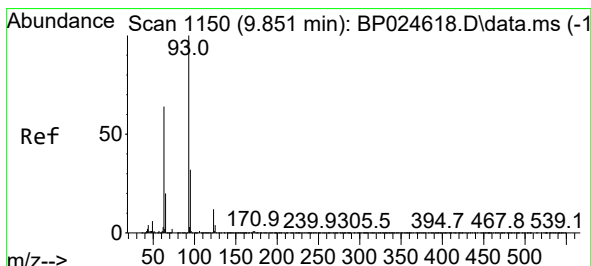
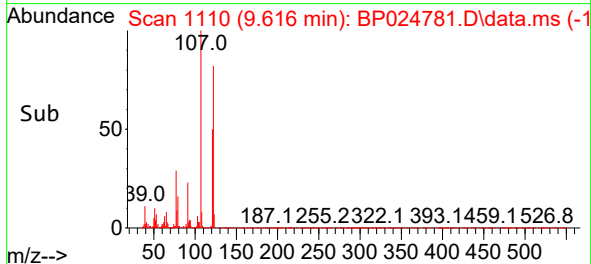
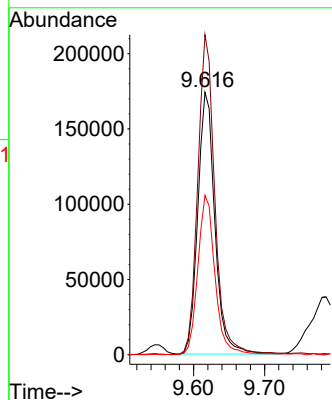
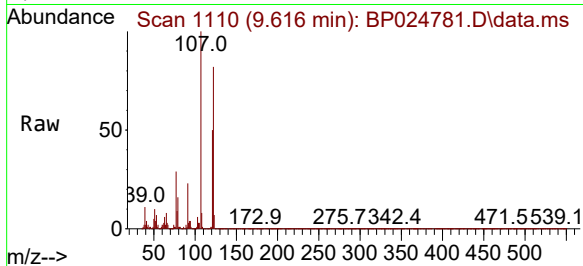
Tgt Ion:122 Resp: 292215

Ion Ratio Lower Upper

122 100

107 121.9 96.2 144.2

121 60.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.979 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

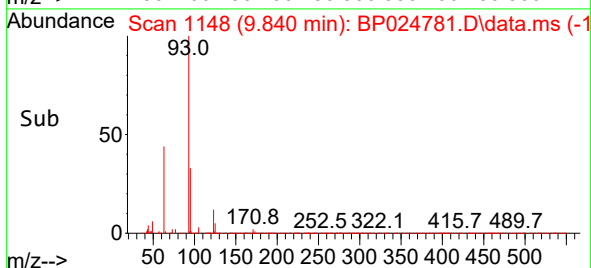
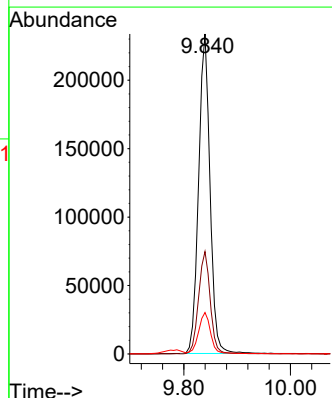
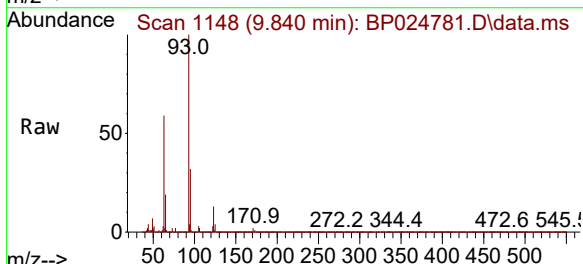
Tgt Ion: 93 Resp: 347343

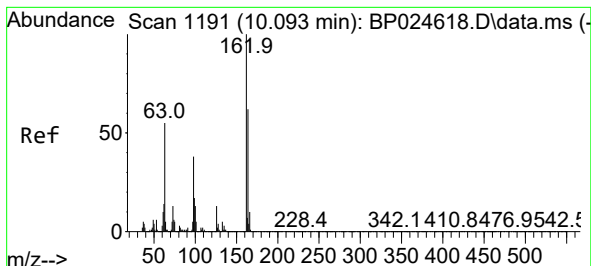
Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

123 13.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 48.313 ng

RT: 10.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

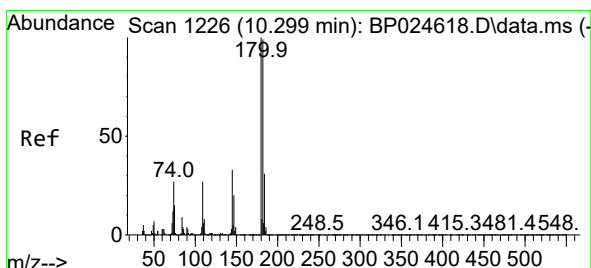
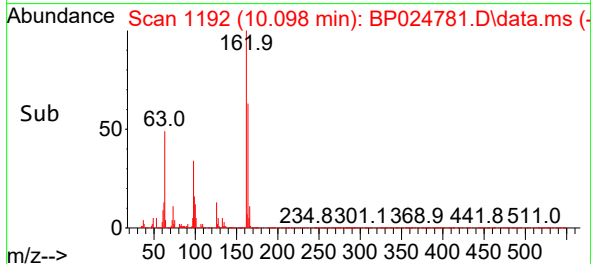
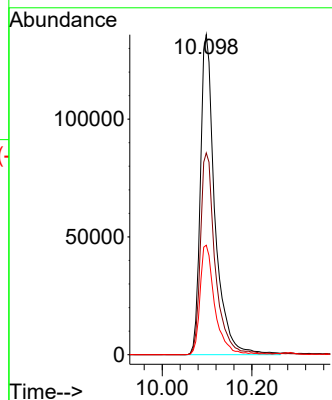
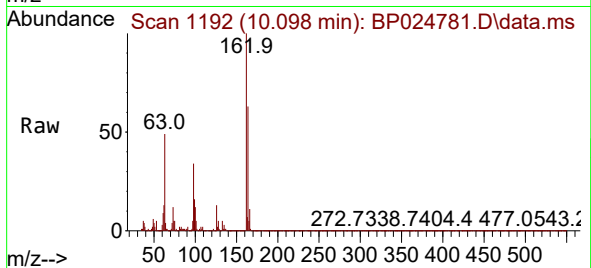
Tgt Ion:162 Resp: 306064

Ion Ratio Lower Upper

162 100

164 63.1 42.3 82.3

98 34.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 44.397 ng

RT: 10.281 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

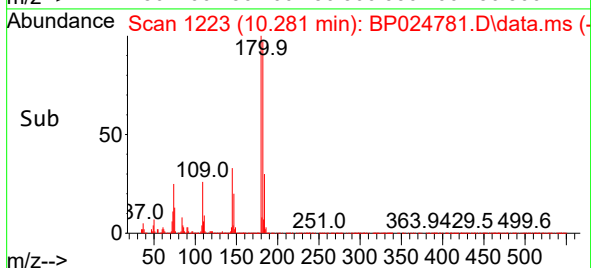
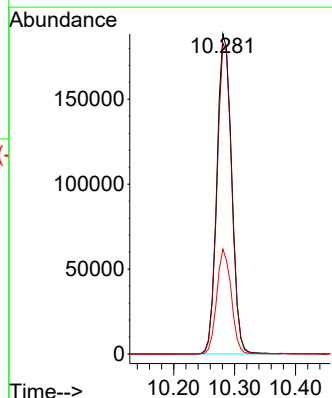
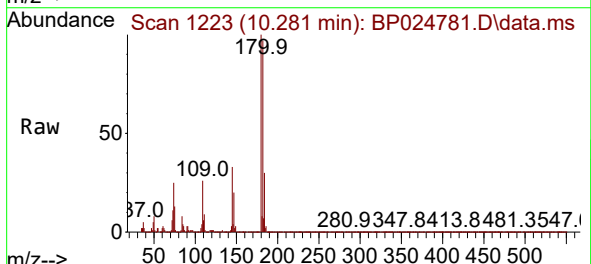
Tgt Ion:180 Resp: 316944

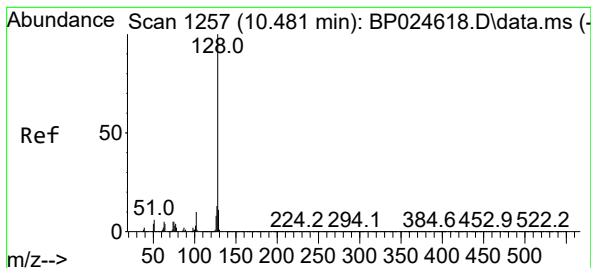
Ion Ratio Lower Upper

180 100

182 97.1 79.0 118.4

145 32.8 26.6 39.8

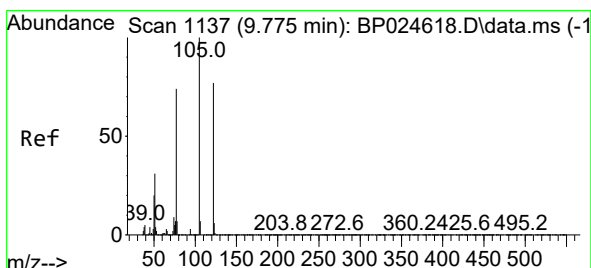
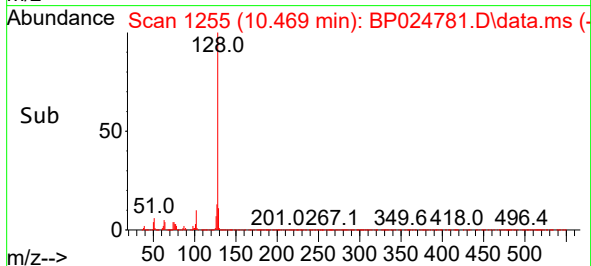
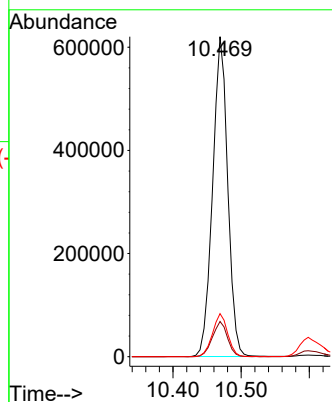
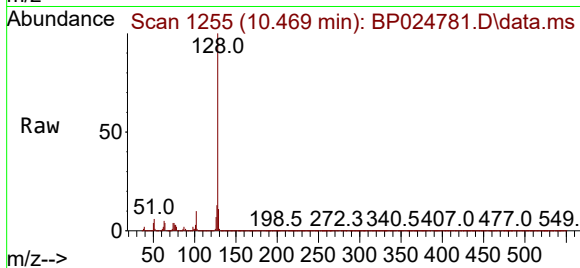




#31
Naphthalene
Concen: 42.523 ng
RT: 10.469 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

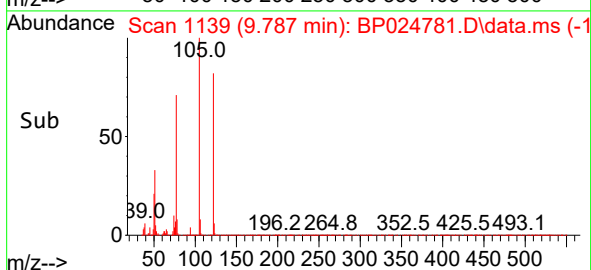
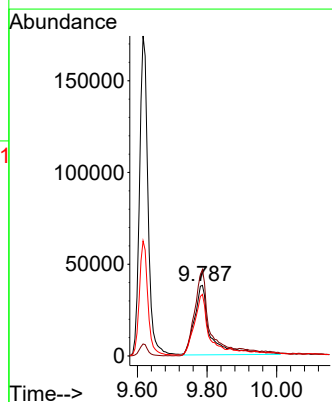
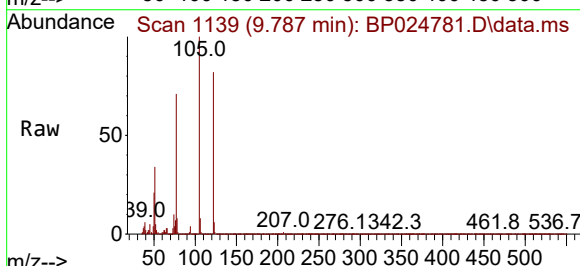
Instrument :
BNA_P
ClientSampleId :

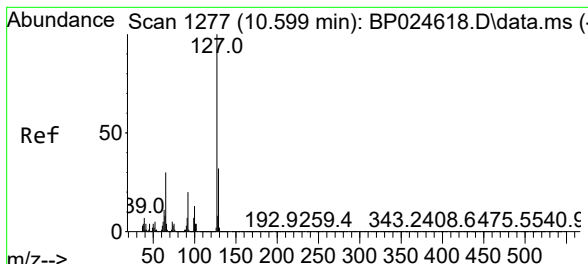
Tgt Ion:128 Resp: 957345
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 30.186 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:122 Resp: 122437
Ion Ratio Lower Upper
122 100
105 122.7 106.9 146.9
77 87.4 75.1 115.1

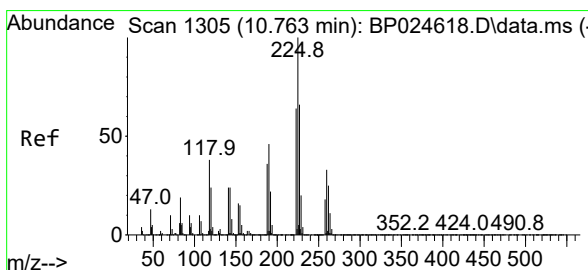
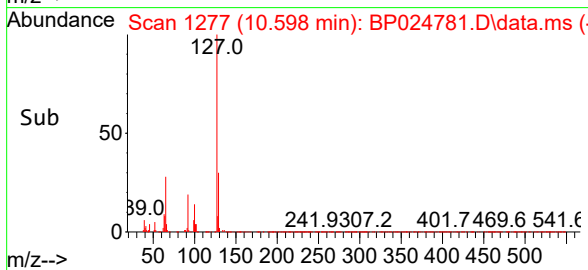
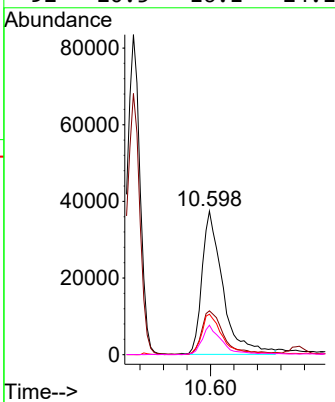
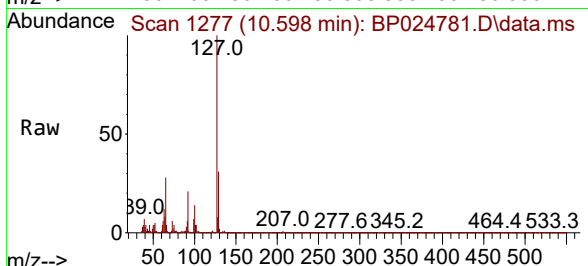




#33
 4-Chloroaniline
 Concen: 10.179 ng
 RT: 10.598 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

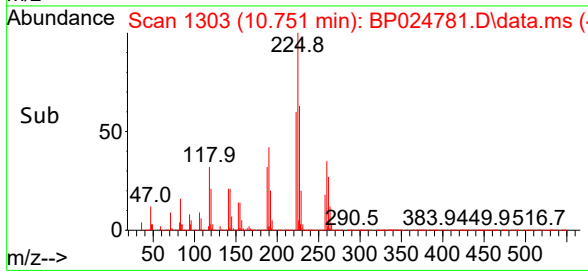
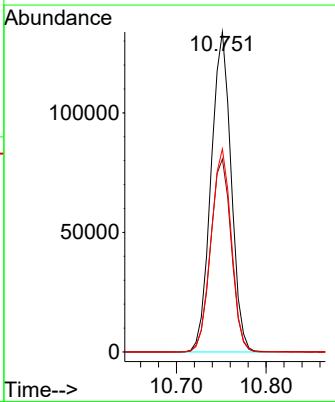
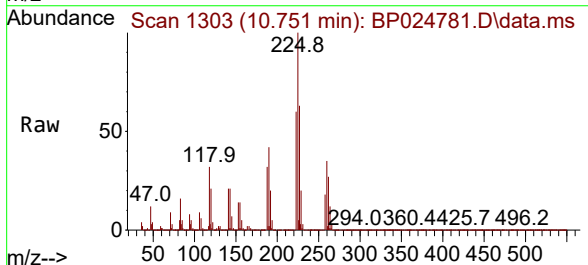
Instrument :
 BNA_P
 ClientSampleId :

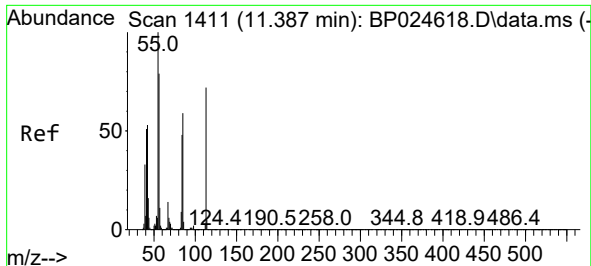
Tgt Ion:	127	Resp:	92479
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	28.2	23.9	35.9
92	20.5	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 44.948 ng
 RT: 10.751 min Scan# 1303
 Delta R.T. -0.012 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

Tgt Ion:	225	Resp:	207866
Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.0	76.6
227	63.4	53.1	79.7

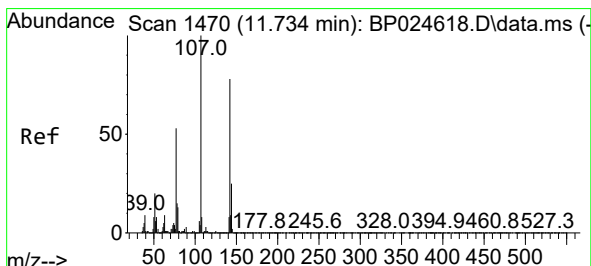
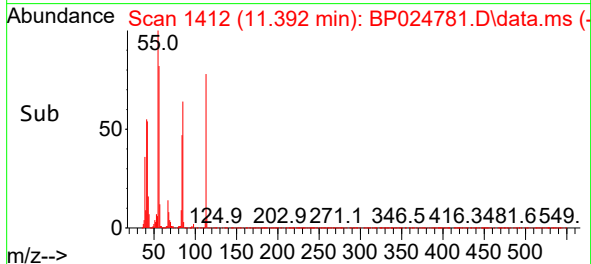
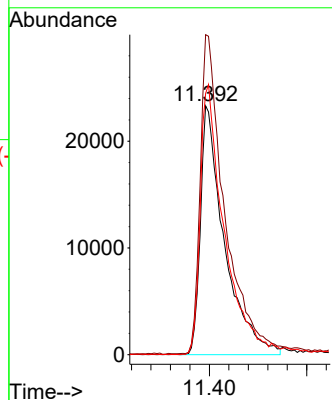
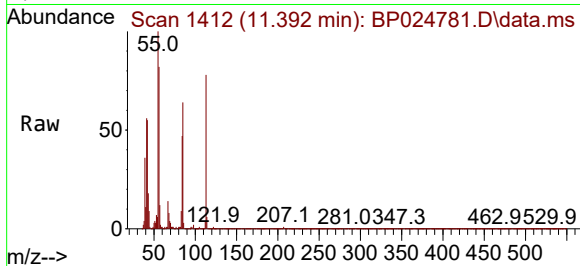




#35
Caprolactam
Concen: 34.669 ng
RT: 11.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

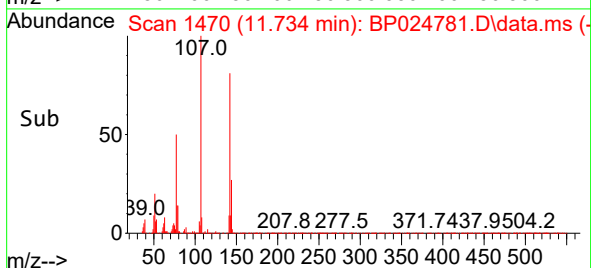
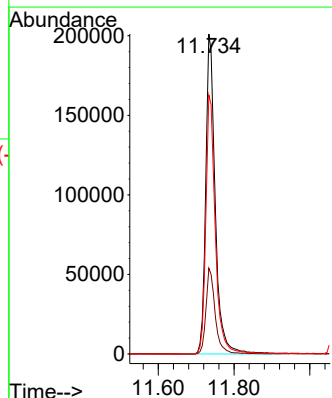
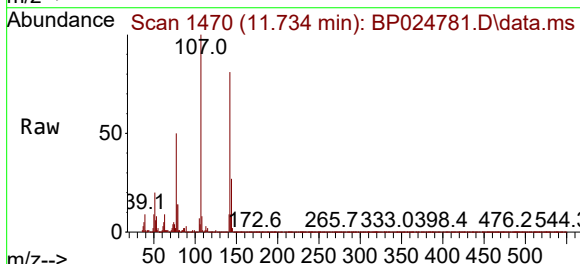
Instrument :
BNA_P
ClientSampleId :

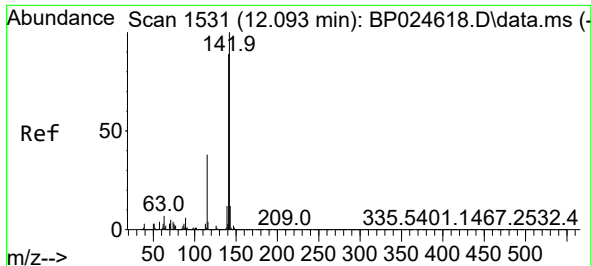
Tgt Ion:113 Resp: 79463
Ion Ratio Lower Upper
113 100
55 128.6 119.0 159.0
56 105.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 45.194 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:107 Resp: 349143
Ion Ratio Lower Upper
107 100
144 26.8 20.1 30.1
142 80.9 62.1 93.1

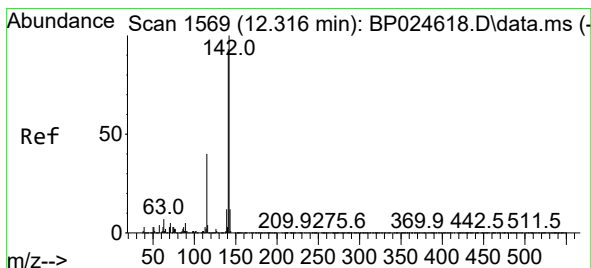
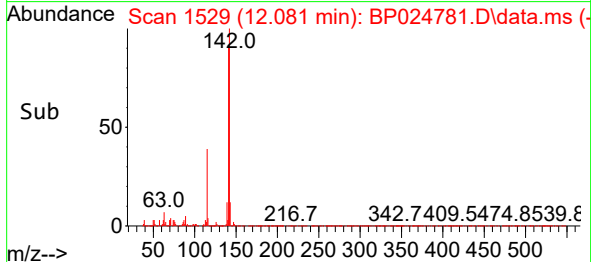
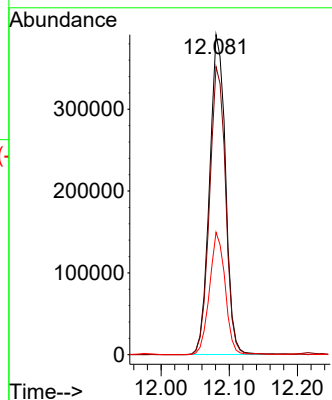
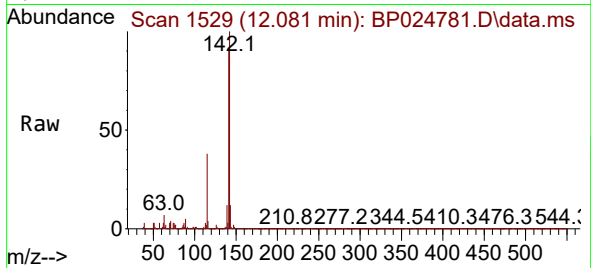




#37
2-Methylnaphthalene
Concen: 43.776 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

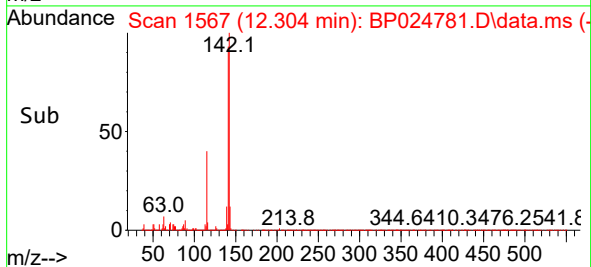
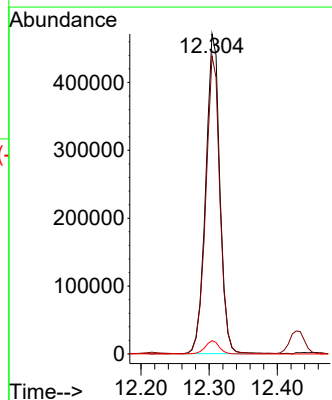
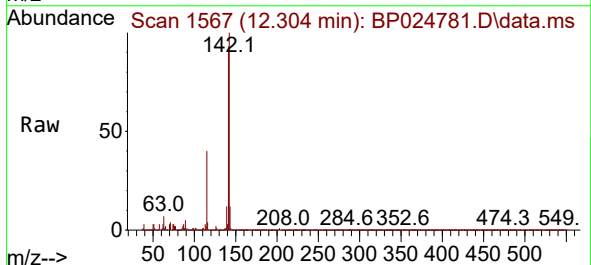
Instrument :
BNA_P
ClientSampleId :

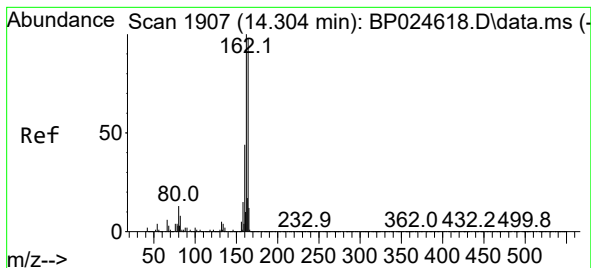
Tgt Ion:142 Resp: 638165
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 38.3 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.565 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:142 Resp: 679515
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.280 min Scan# 1907

Delta R.T. -0.024 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

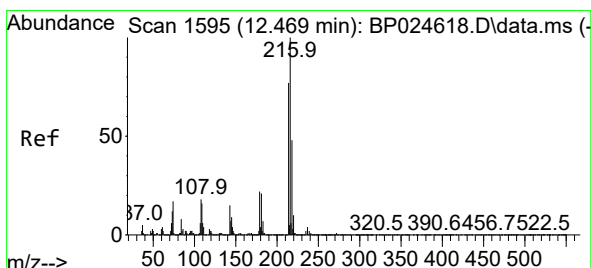
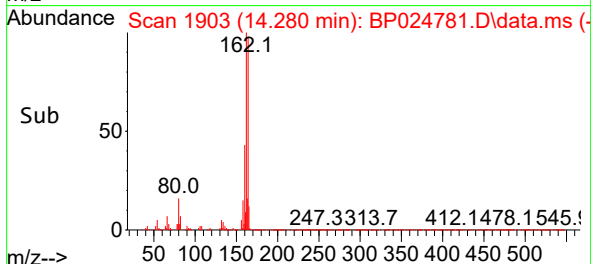
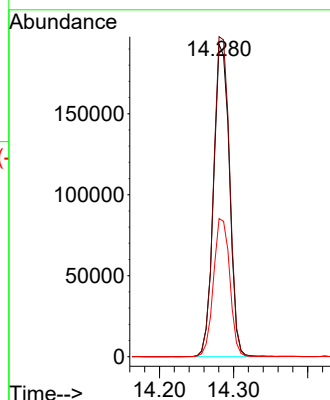
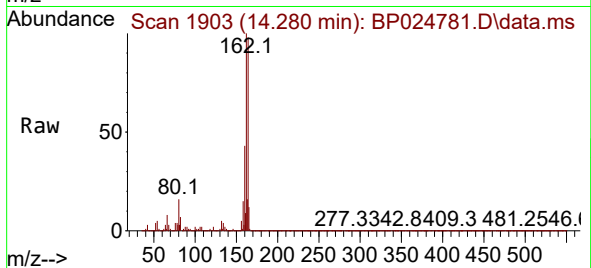
Tgt Ion:164 Resp: 286166

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 44.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.508 ng

RT: 12.457 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Tgt Ion:216 Resp: 386482

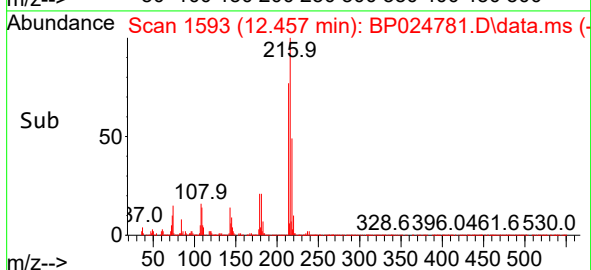
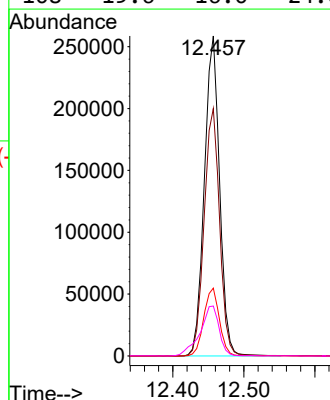
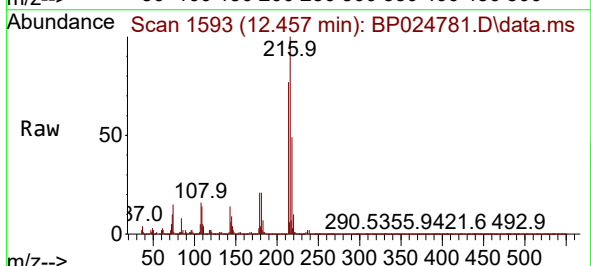
Ion Ratio Lower Upper

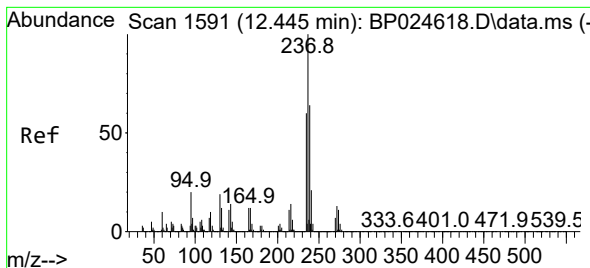
216 100

214 78.9 62.3 93.5

179 21.8 17.7 26.5

108 19.6 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 90.008 ng

RT: 12.434 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

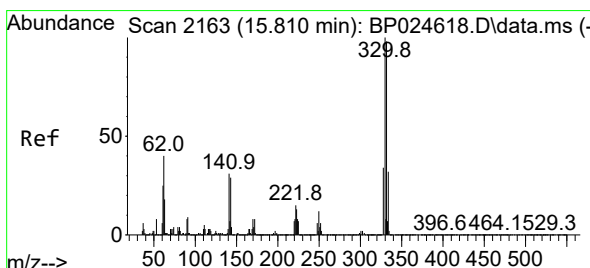
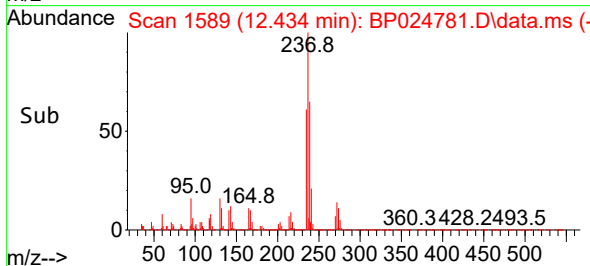
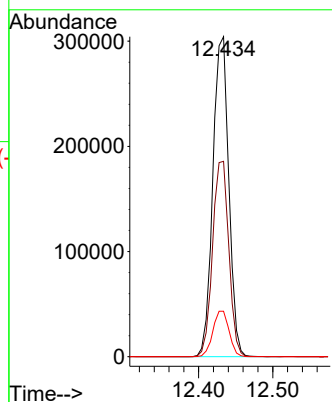
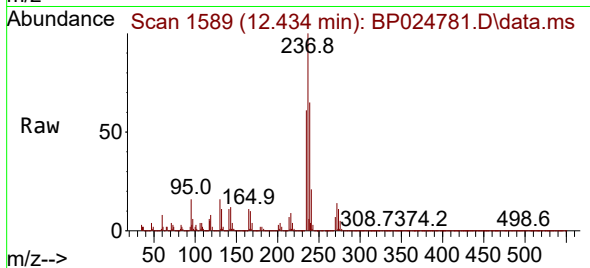
Tgt Ion:237 Resp: 453539

Ion Ratio Lower Upper

237 100

235 61.0 39.9 79.9

272 14.2 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 162.935 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

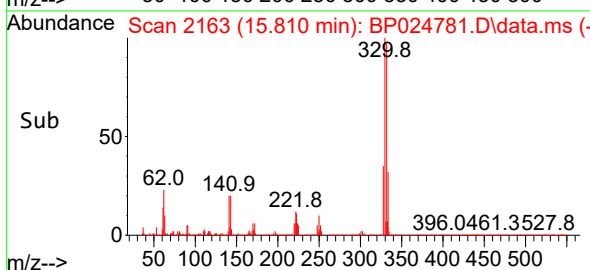
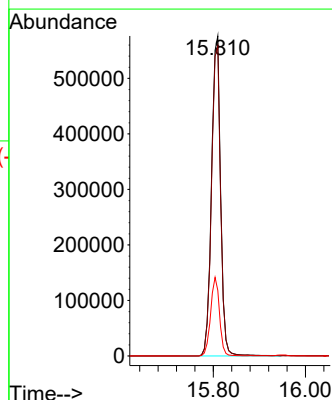
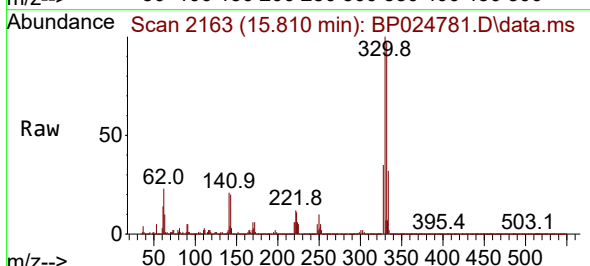
Tgt Ion:330 Resp: 790451

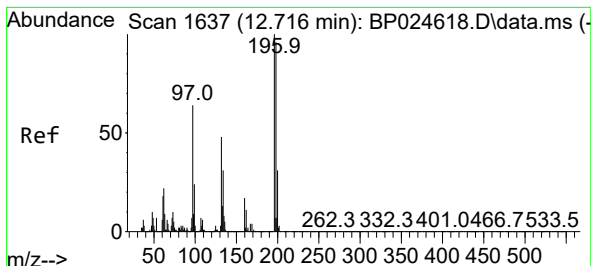
Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

141 24.2 24.3 36.5#





#43

2,4,6-Trichlorophenol

Concen: 50.444 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

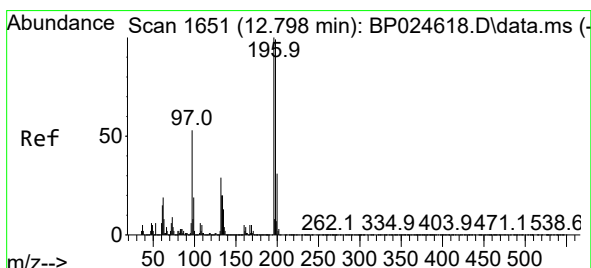
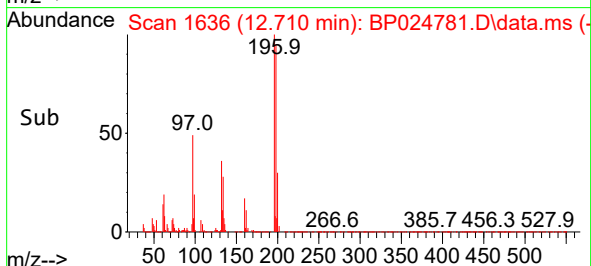
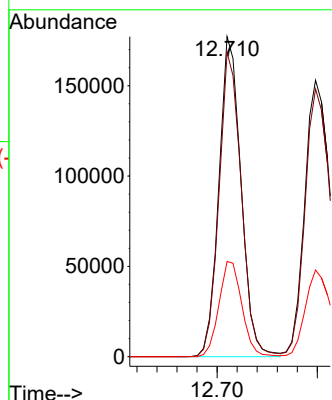
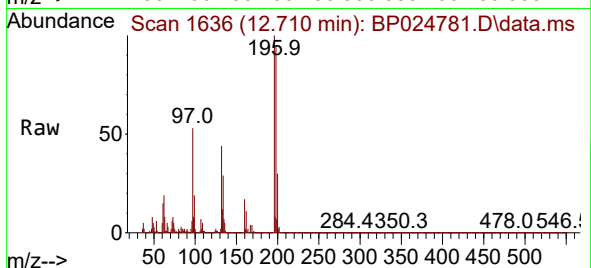
Tgt Ion:196 Resp: 271510

Ion Ratio Lower Upper

196 100

198 95.2 76.9 115.3

200 29.7 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.751 ng

RT: 12.798 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Tgt Ion:196 Resp: 298072

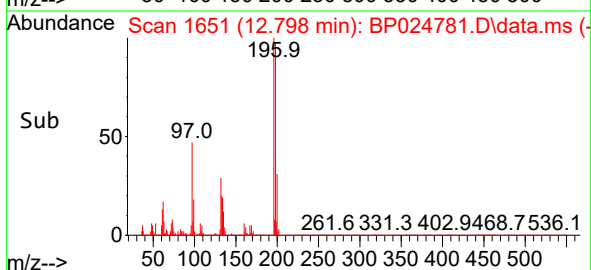
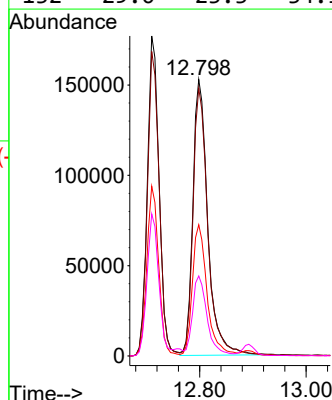
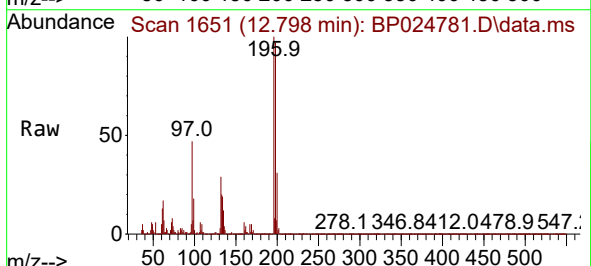
Ion Ratio Lower Upper

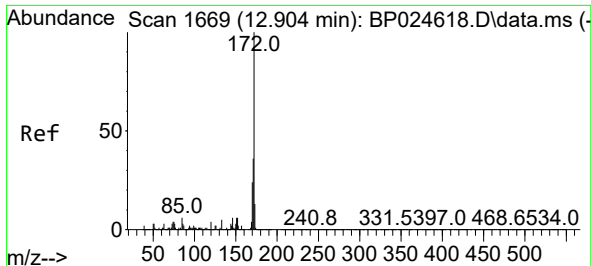
196 100

198 96.8 79.2 118.8

97 47.4 42.3 63.5

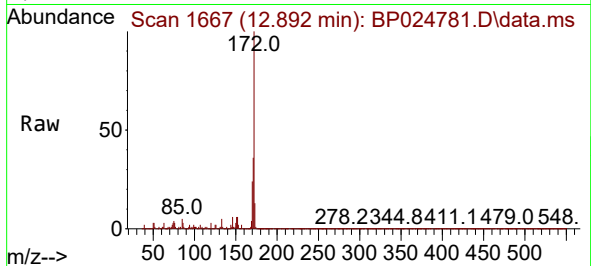
132 29.0 23.3 34.9



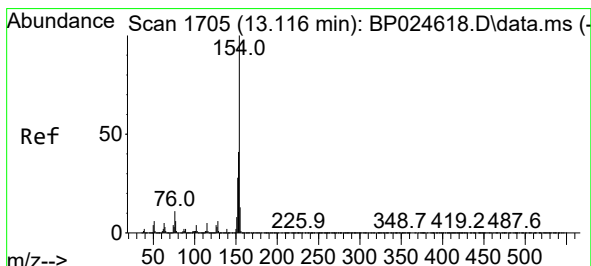
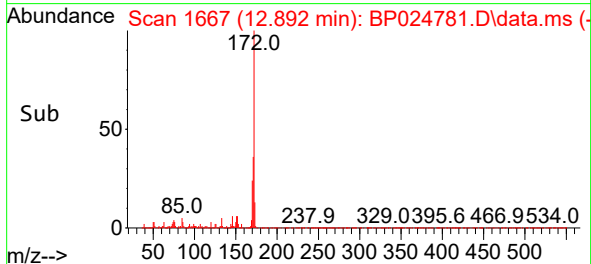
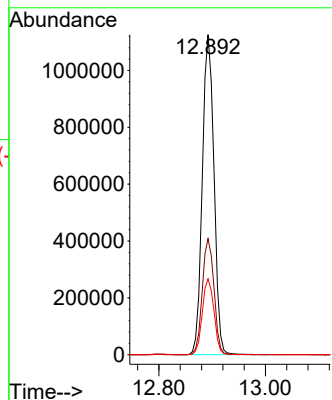


#45
2-Fluorobiphenyl
Concen: 78.309 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :

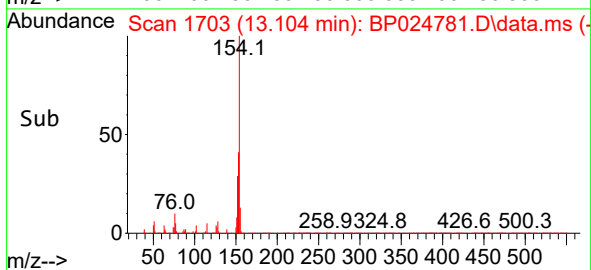
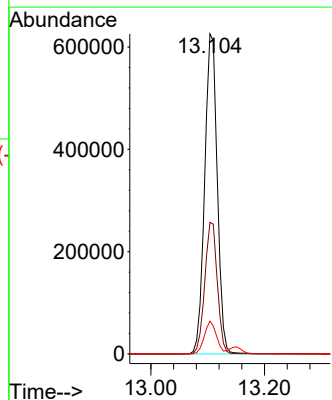
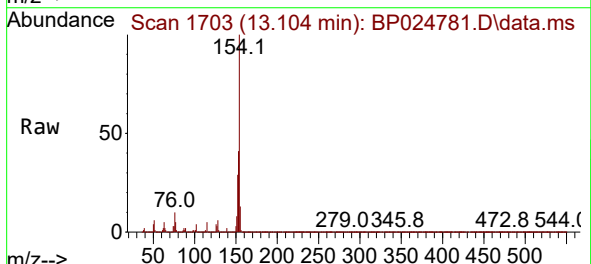


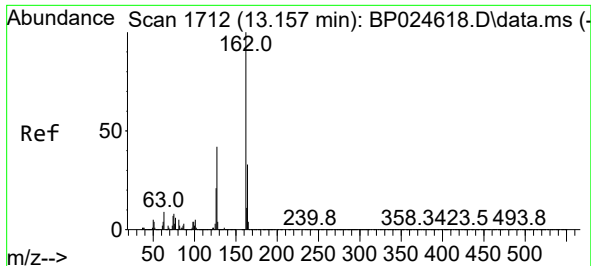
Tgt Ion:172 Resp: 1710468
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.406 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:154 Resp: 960368
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 10.2 0.0 31.5

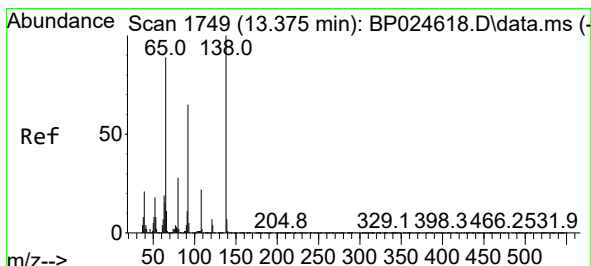
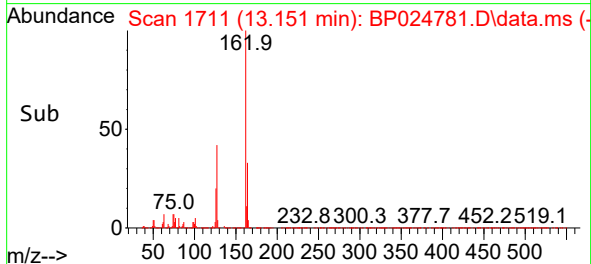
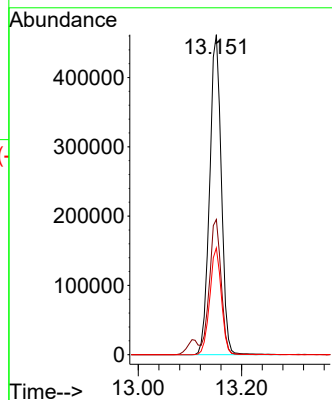
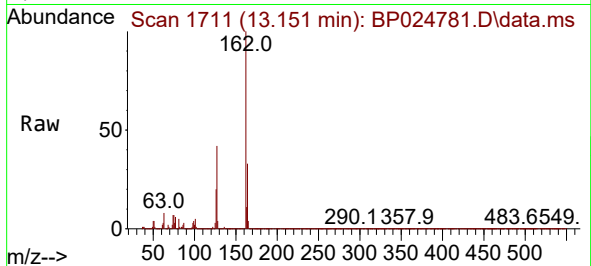




#47
2-Chloronaphthalene
Concen: 44.923 ng
RT: 13.151 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

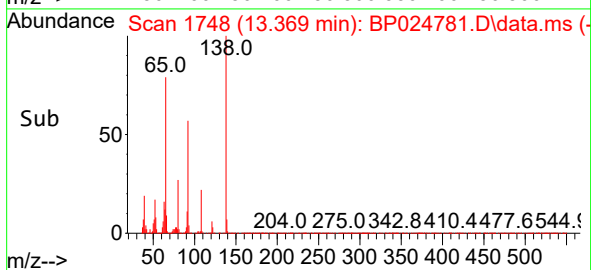
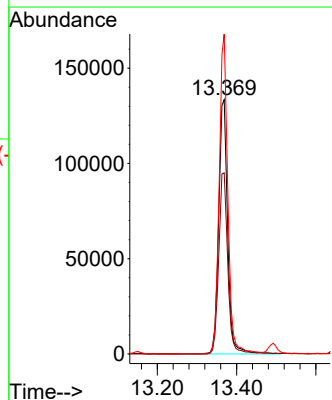
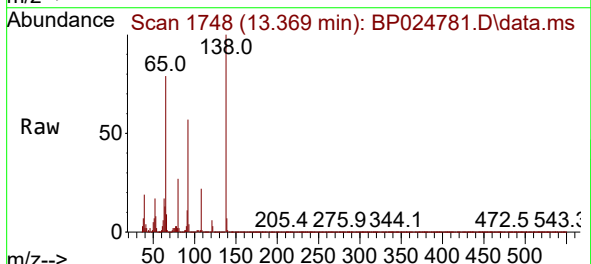
Instrument :
BNA_P
ClientSampleId :

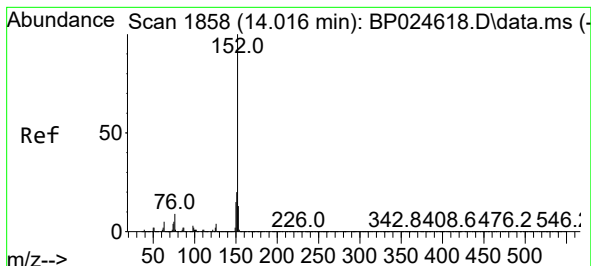
Tgt Ion:162 Resp: 724470
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 33.3 26.0 39.0



#48
2-Nitroaniline
Concen: 43.657 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 65 Resp: 208442
Ion Ratio Lower Upper
65 100
92 71.2 58.7 88.1
138 125.9 90.2 135.2





#49

Acenaphthylene

Concen: 45.366 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

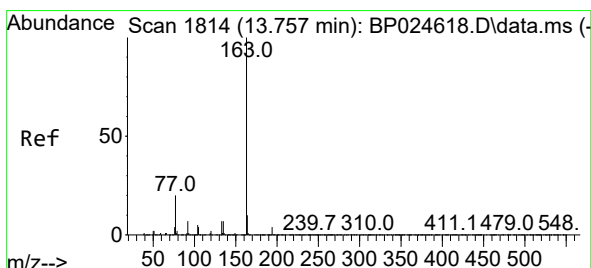
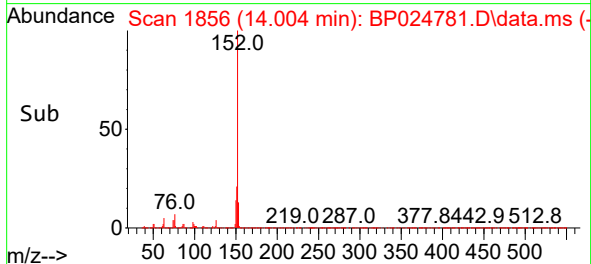
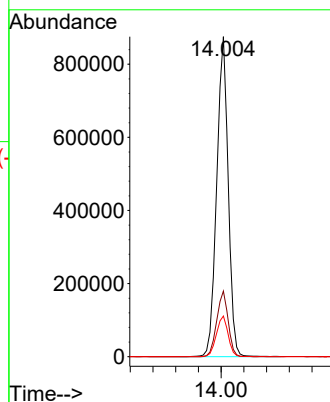
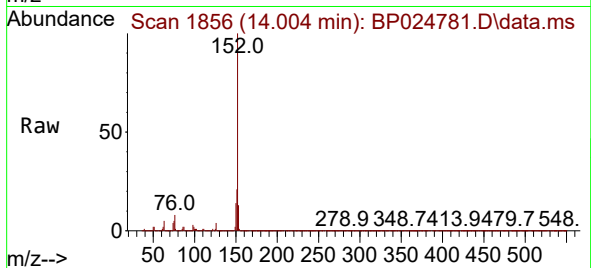
Tgt Ion:152 Resp: 1224342

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 46.035 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

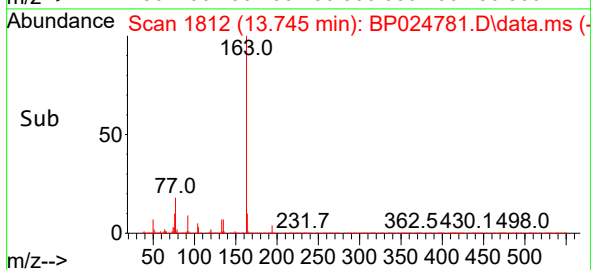
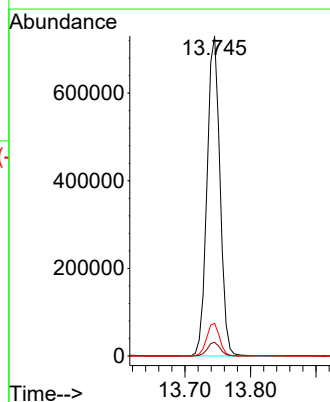
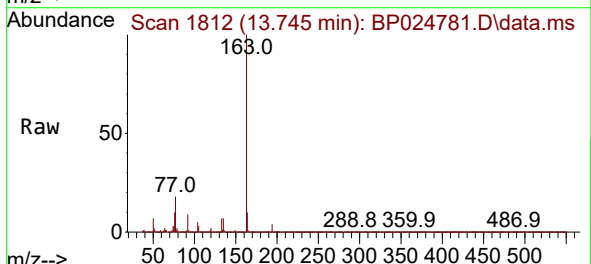
Tgt Ion:163 Resp: 1004105

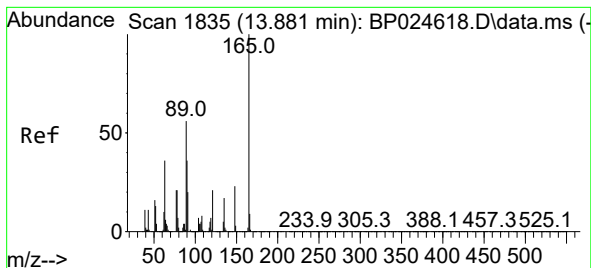
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 8.1 12.1

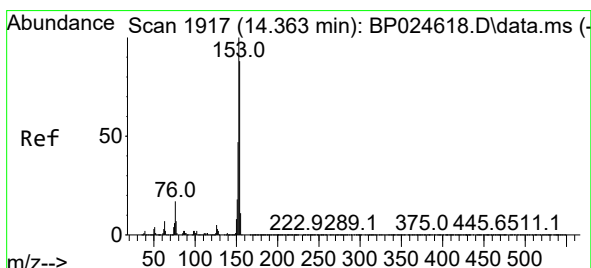
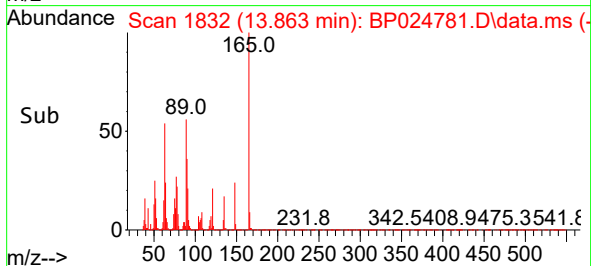
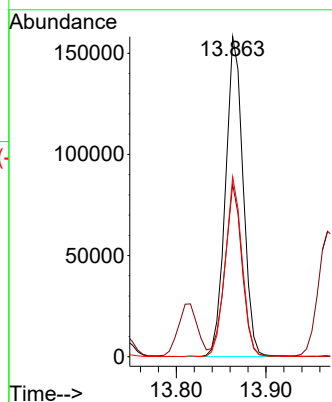
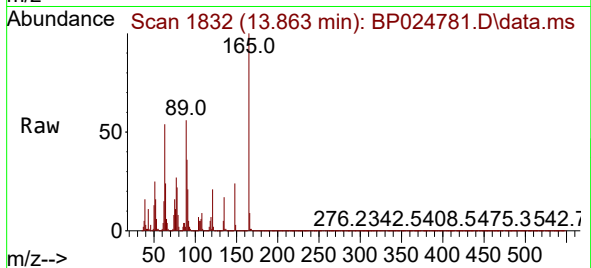




#51
2,6-Dinitrotoluene
Concen: 46.691 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

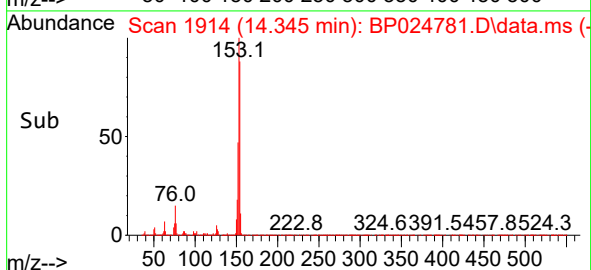
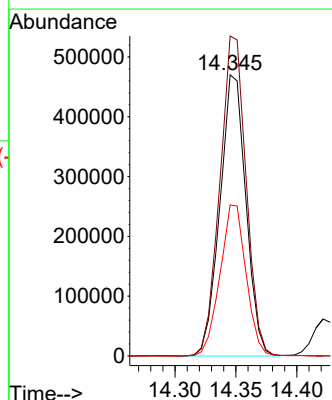
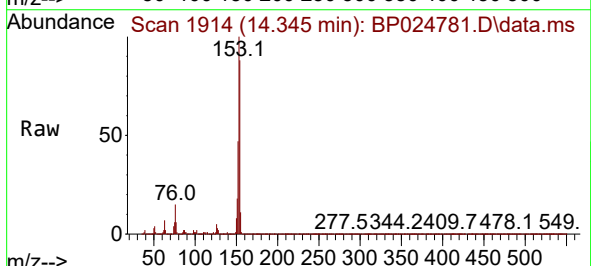
Instrument :
BNA_P
ClientSampleId :

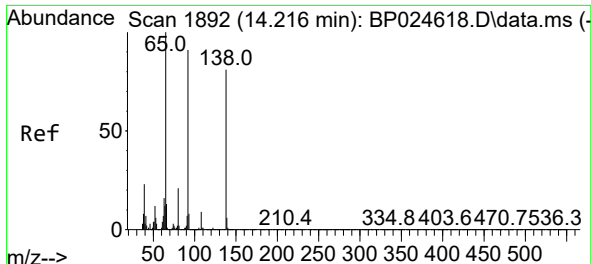
Tgt Ion:165 Resp: 215083
Ion Ratio Lower Upper
165 100
63 53.9 42.4 63.6
89 56.2 44.8 67.2



#52
Acenaphthene
Concen: 44.950 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:154 Resp: 697395
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.4
152 53.8 42.9 64.3

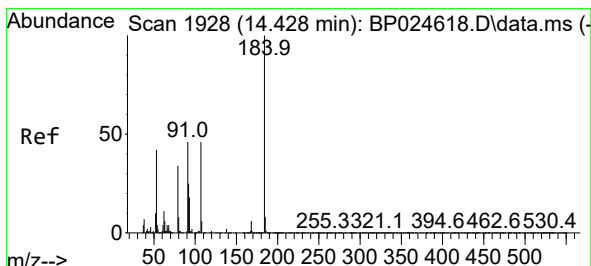
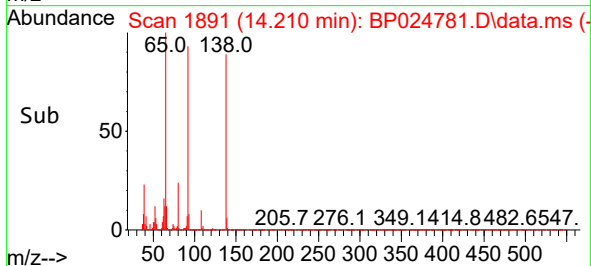
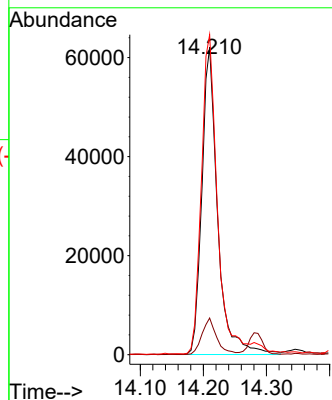
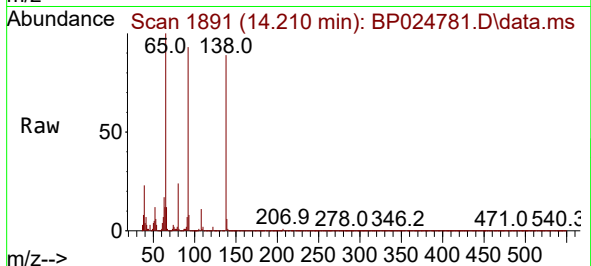




#53
3-Nitroaniline
Concen: 22.937 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

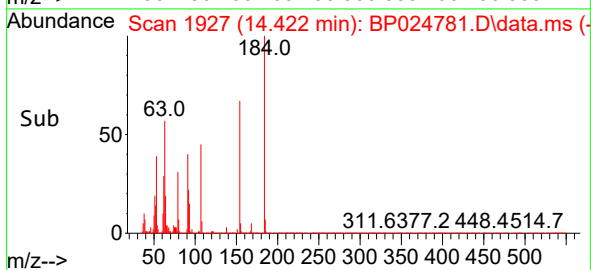
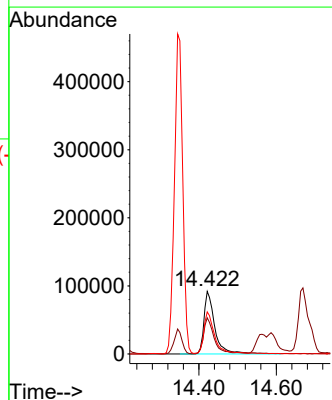
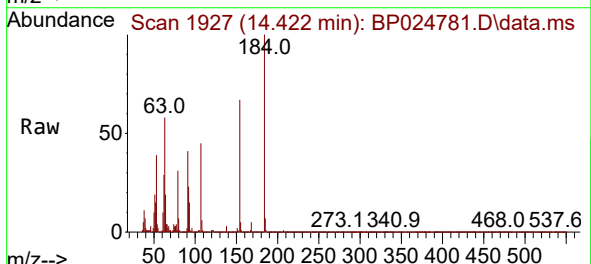
Instrument :
BNA_P
ClientSampleId :

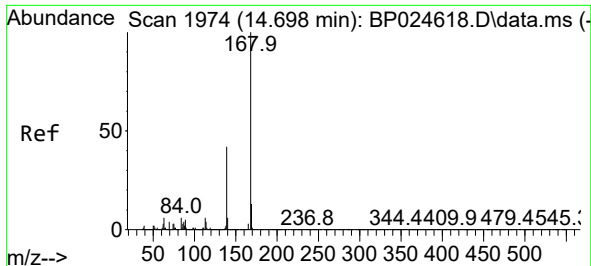
Tgt Ion:138 Resp: 107885
Ion Ratio Lower Upper
138 100
108 11.9 9.0 13.4
92 104.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 63.368 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:184 Resp: 179869
Ion Ratio Lower Upper
184 100
63 57.7 51.3 76.9
154 67.1 53.5 80.3

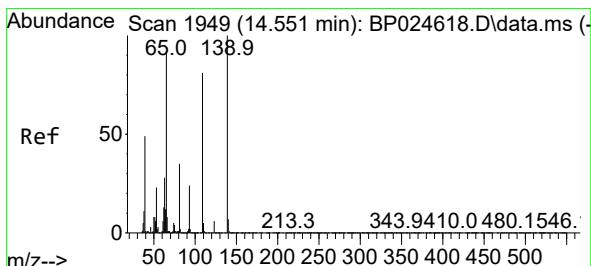
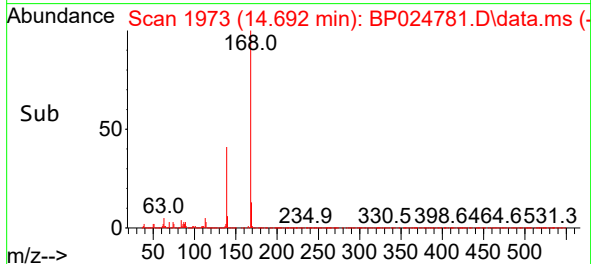
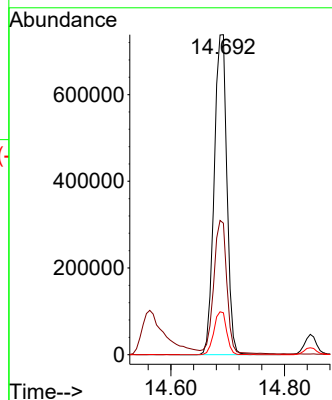
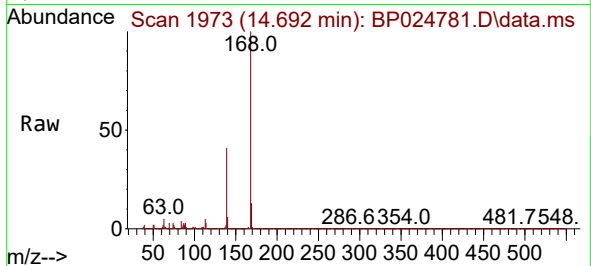




#55
Dibenzenofuran
Concen: 46.198 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

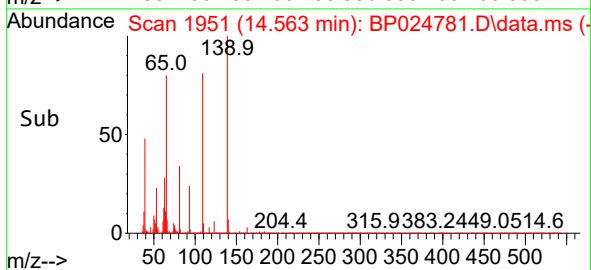
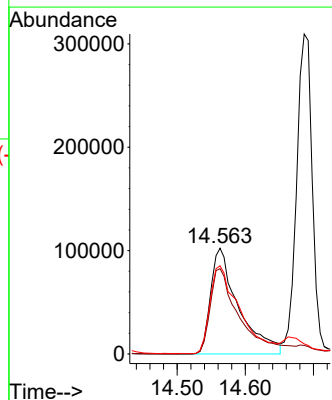
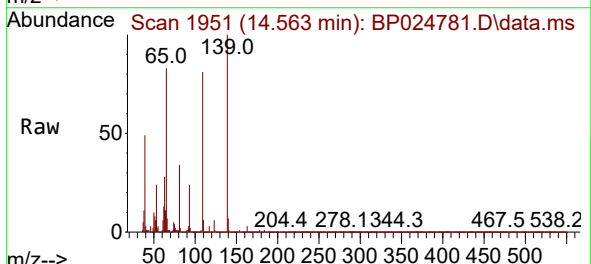
Instrument :
BNA_P
ClientSampleId :

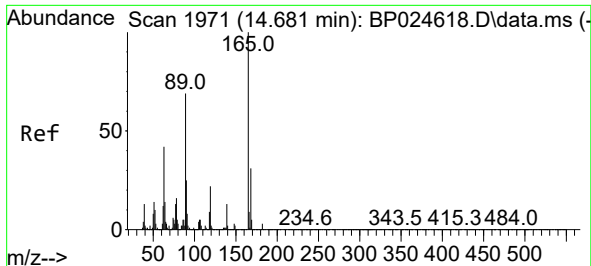
Tgt Ion:168 Resp: 1143281
Ion Ratio Lower Upper
168 100
139 41.1 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 71.979 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

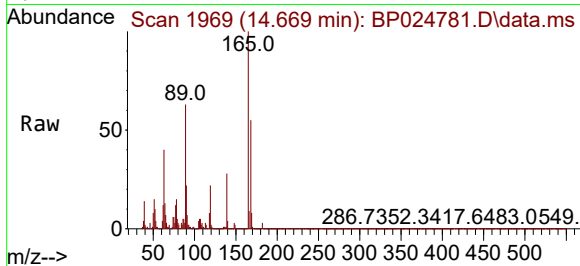
Tgt Ion:139 Resp: 291282
Ion Ratio Lower Upper
139 100
109 80.6 61.4 101.4
65 83.3 72.2 112.2



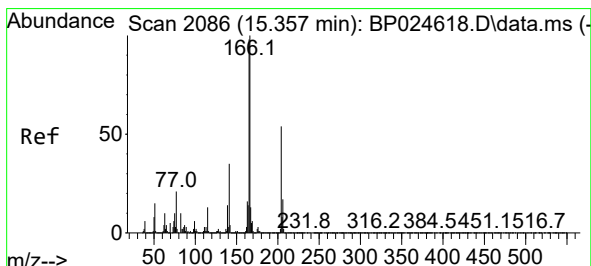
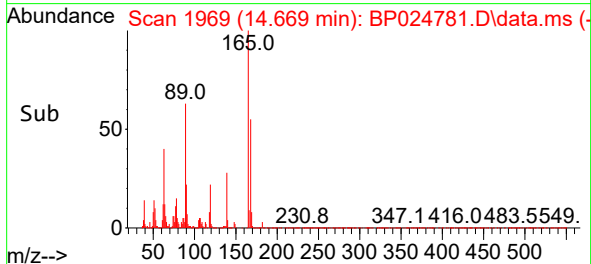
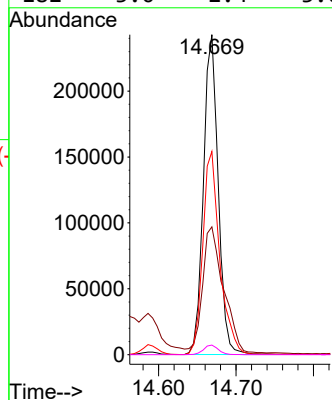


#57
2,4-Dinitrotoluene
Concen: 49.531 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :

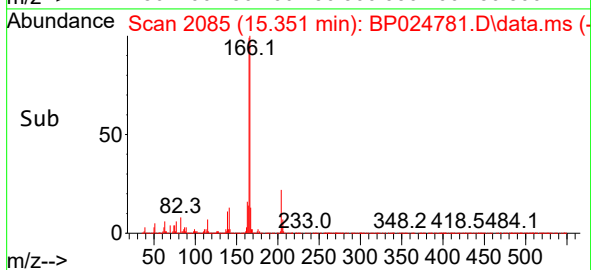
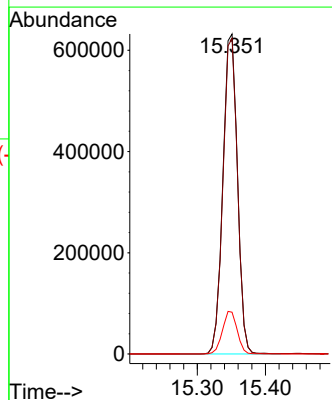
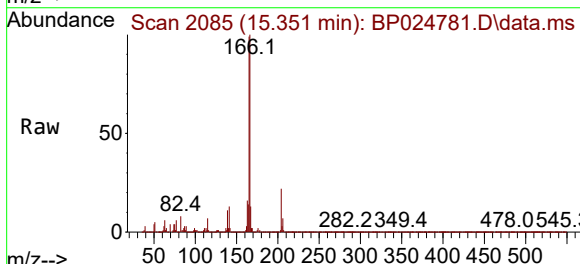


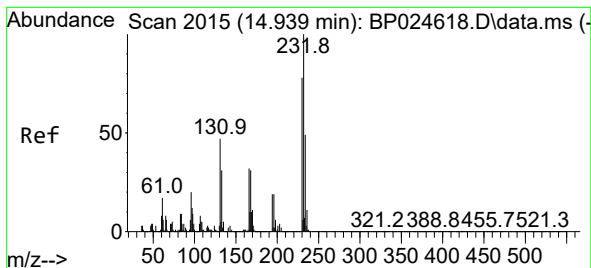
Tgt Ion:165 Resp: 321669
Ion Ratio Lower Upper
165 100
63 40.0 33.8 50.6
89 63.5 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 46.474 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:166 Resp: 937787
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.1 10.7 16.1

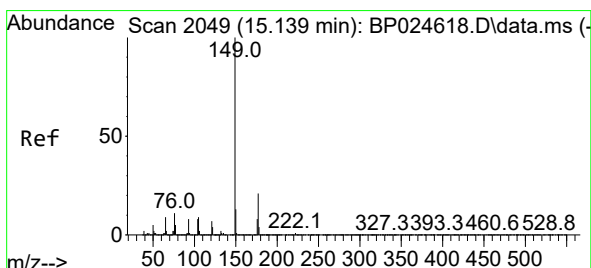
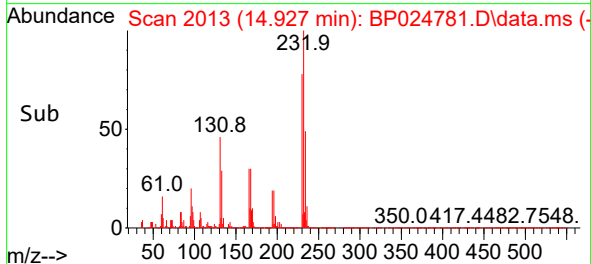
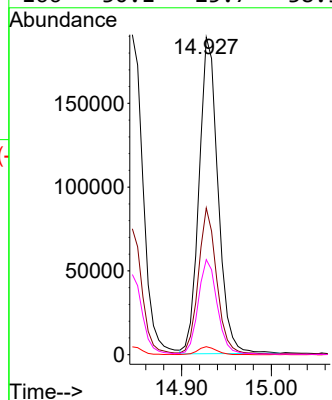
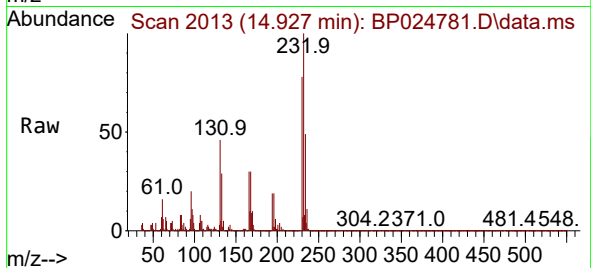




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.893 ng
RT: 14.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

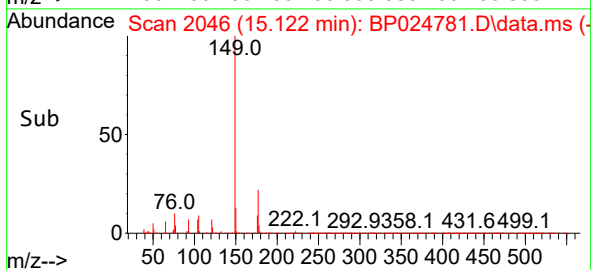
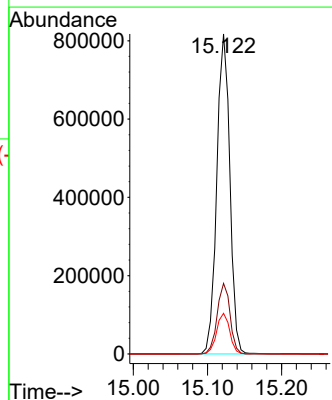
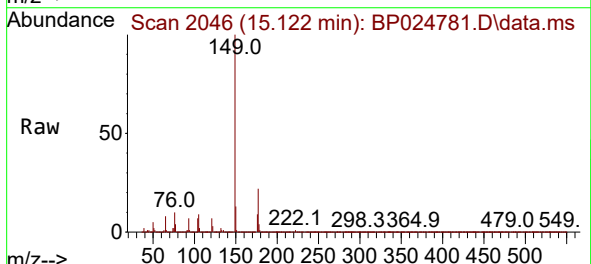
Instrument :
BNA_P
ClientSampleId :

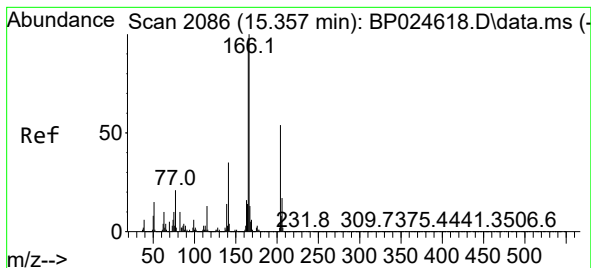
Tgt Ion:232 Resp: 277300
Ion Ratio Lower Upper
232 100
131 44.6 39.5 59.3
130 2.5 2.2 3.4
166 30.1 25.7 38.5



#60
Diethylphthalate
Concen: 45.210 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:149 Resp: 996665
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.7 10.2 15.2

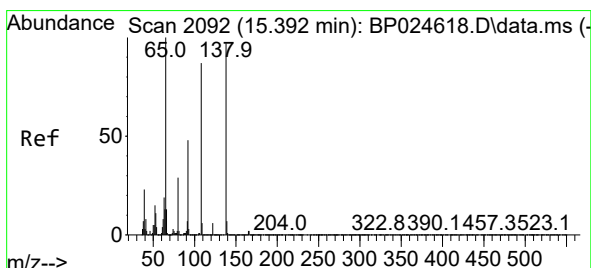
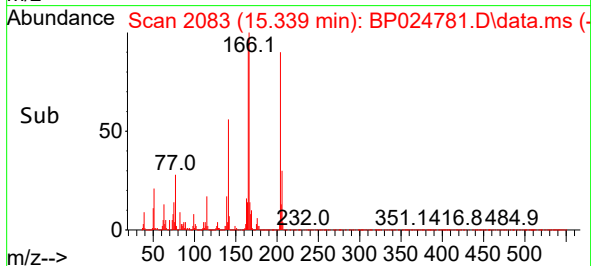
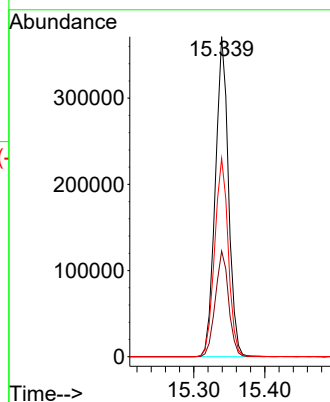
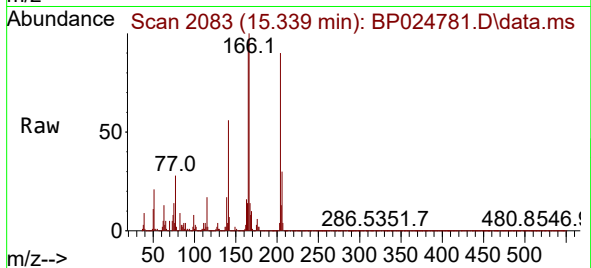




#61
4-Chlorophenyl-phenylether
Concen: 47.322 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

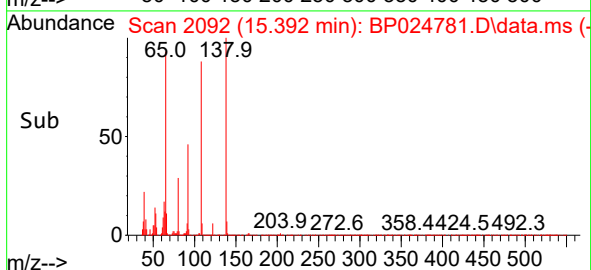
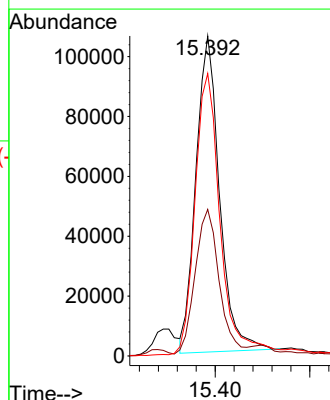
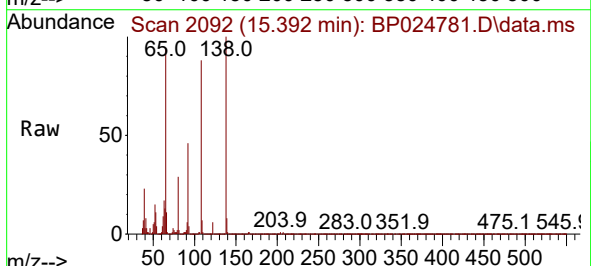
Instrument :
BNA_P
ClientSampleId :

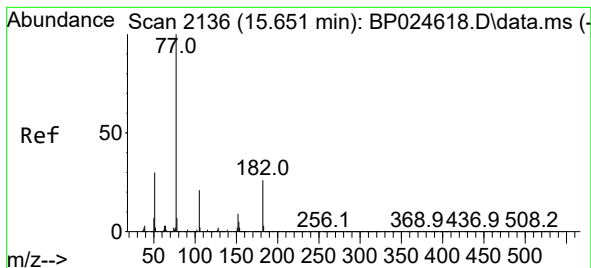
Tgt Ion:204 Resp: 476218
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.9 52.9 79.3



#62
4-Nitroaniline
Concen: 40.354 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:138 Resp: 183275
Ion Ratio Lower Upper
138 100
92 45.8 29.2 69.2
108 88.3 69.0 109.0





#63

Azobenzene

Concen: 40.213 ng

RT: 15.639 min Scan# 2136

Delta R.T. -0.012 min

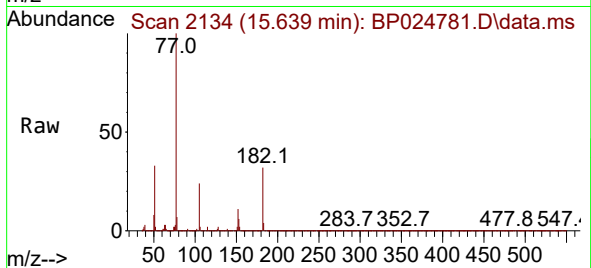
Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 77 Resp: 758380

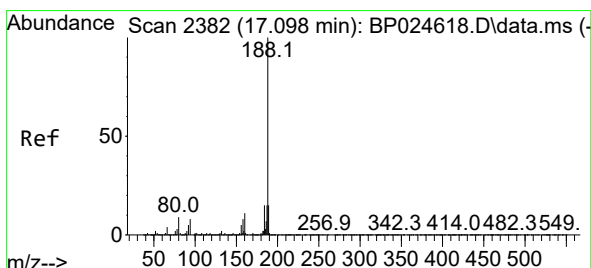
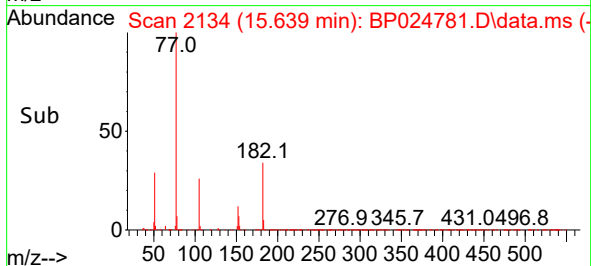
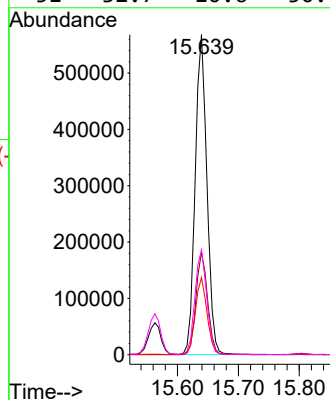
Ion Ratio Lower Upper

77 100

182 32.0 5.7 45.7

105 24.1 1.3 41.3

51 32.7 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: BP024781.D

Acq: 23 May 2025 06:37

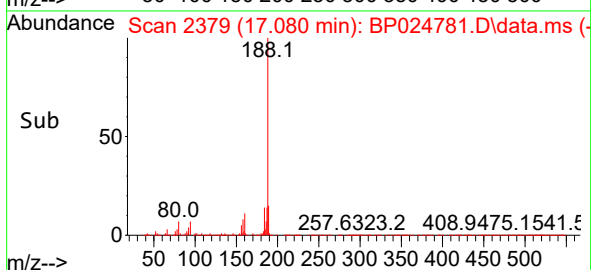
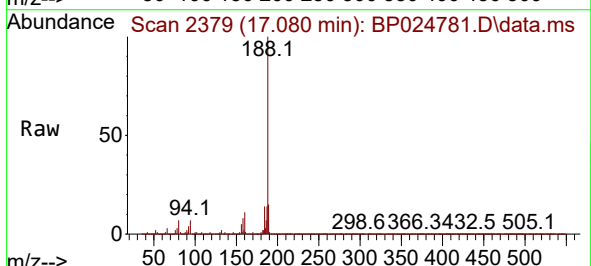
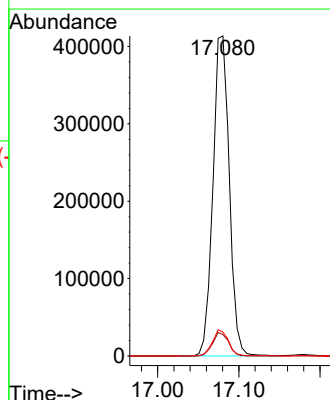
Tgt Ion: 188 Resp: 578083

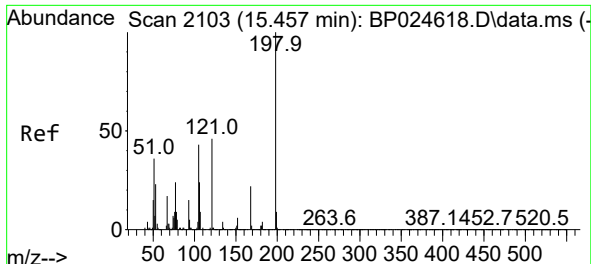
Ion Ratio Lower Upper

188 100

94 6.7 6.5 9.7

80 7.5 7.3 10.9

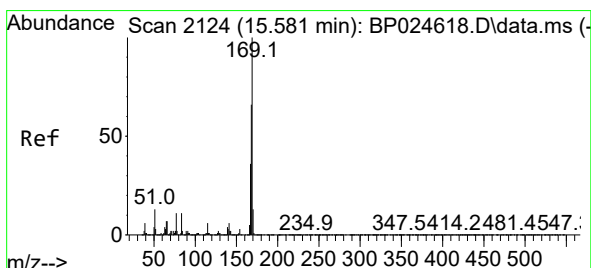
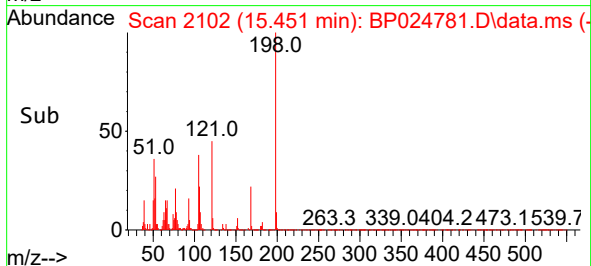
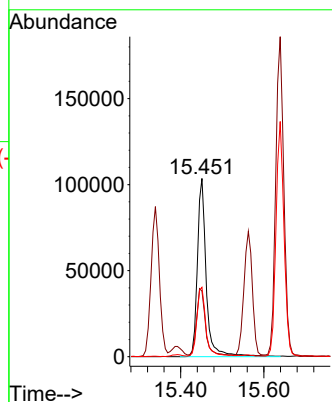
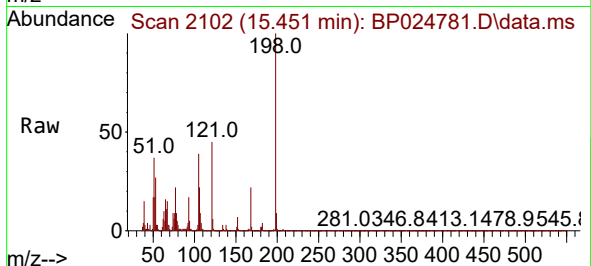




#65
4,6-Dinitro-2-methylphenol
Concen: 40.991 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

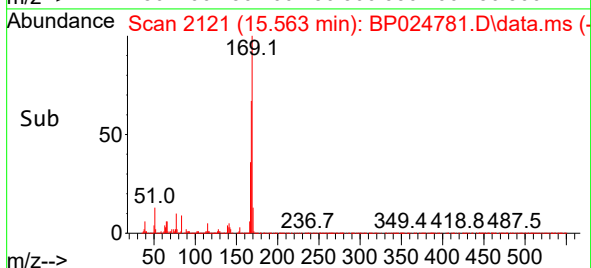
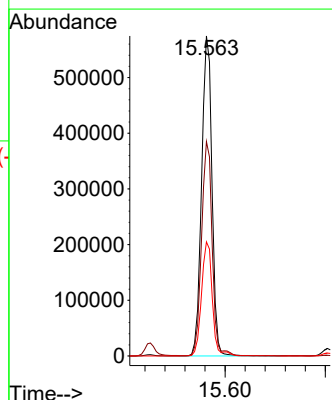
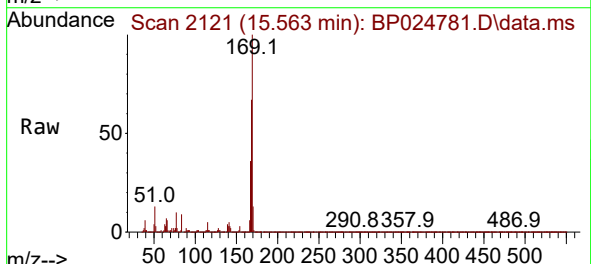
Instrument :
BNA_P
ClientSampleId :

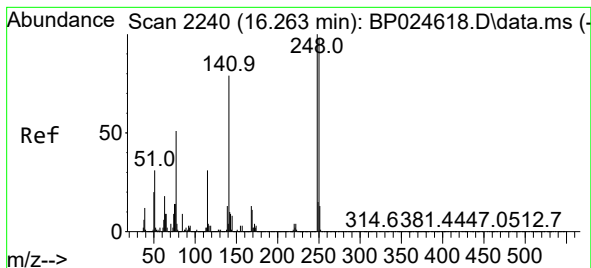
Tgt Ion:198 Resp: 153062
Ion Ratio Lower Upper
198 100
51 36.8 21.1 61.1
105 39.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.264 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:169 Resp: 821478
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 35.7 28.6 43.0

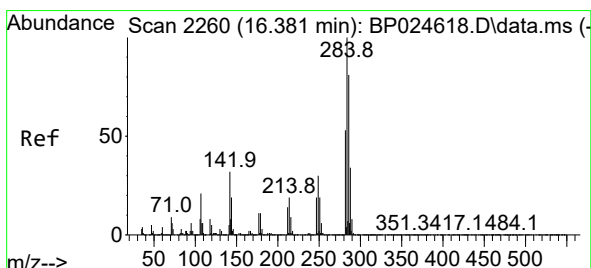
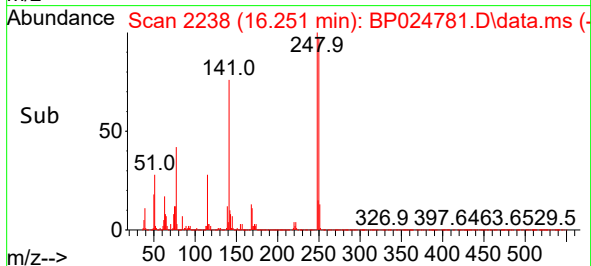
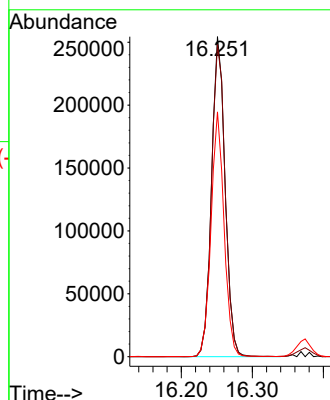
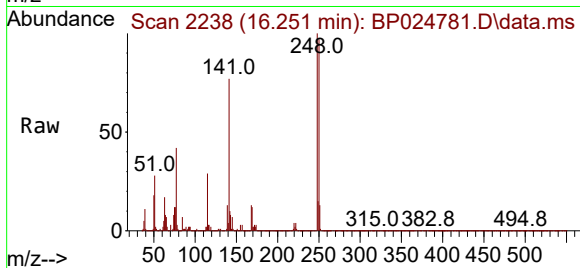




#67
4-Bromophenyl-phenylether
Concen: 49.444 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

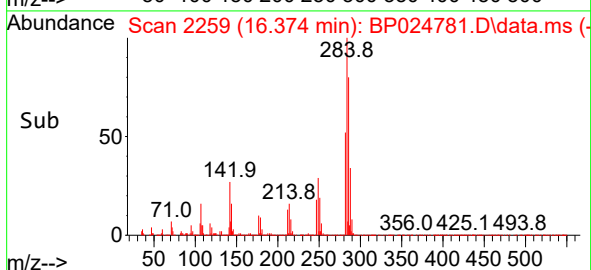
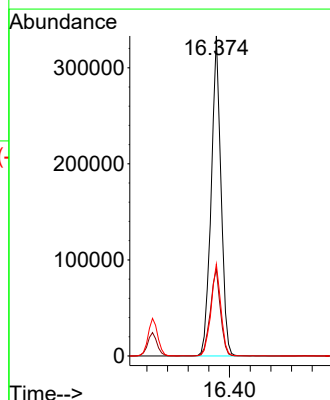
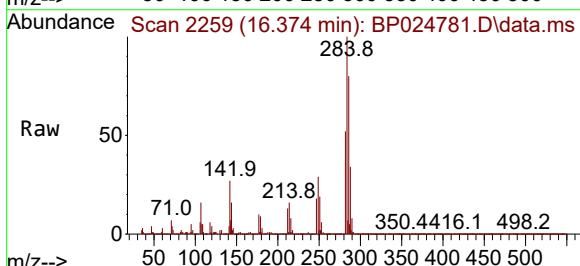
Instrument :
BNA_P
ClientSampleId :

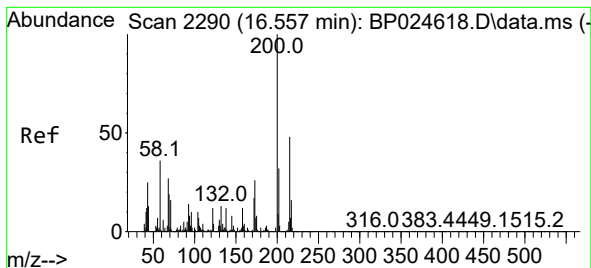
Tgt Ion:248 Resp: 336806
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 76.5 63.0 94.6



#68
Hexachlorobenzene
Concen: 50.555 ng
RT: 16.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:284 Resp: 437590
Ion Ratio Lower Upper
284 100
142 27.2 25.9 38.9
249 28.7 24.1 36.1





#69

Atrazine

Concen: 49.136 ng

RT: 16.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

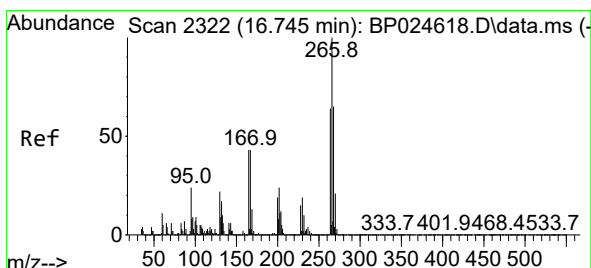
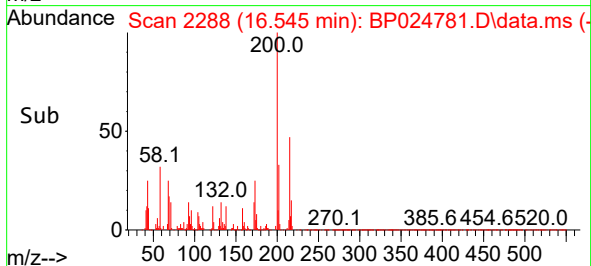
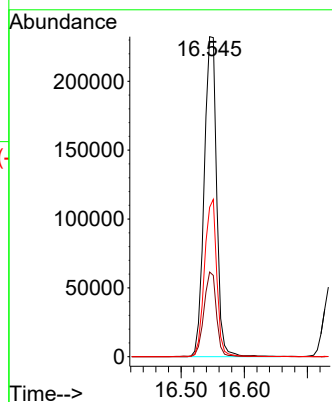
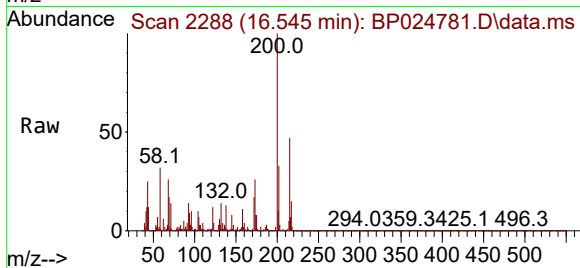
Tgt Ion:200 Resp: 319741

Ion Ratio Lower Upper

200 100

173 26.4 5.9 45.9

215 46.7 28.3 68.3



#70

Pentachlorophenol

Concen: 108.802 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

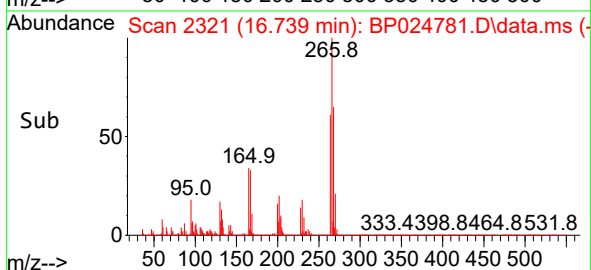
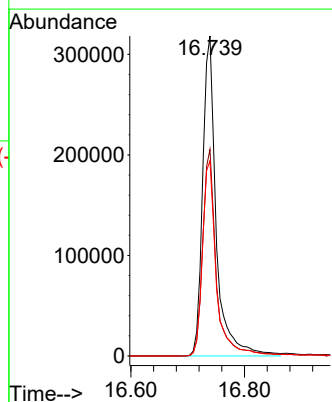
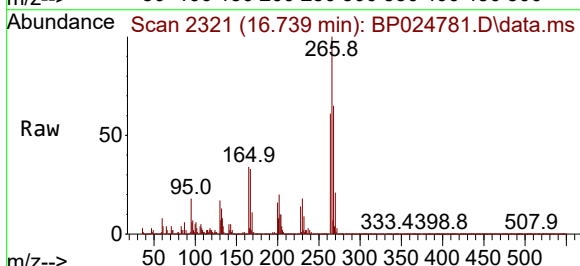
Tgt Ion:266 Resp: 528649

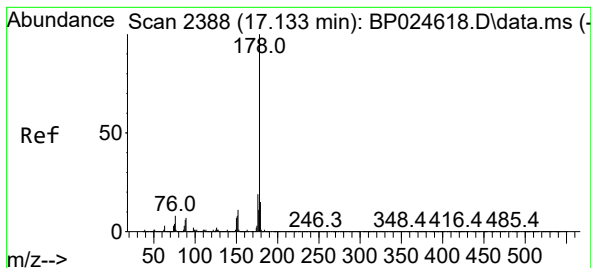
Ion Ratio Lower Upper

266 100

268 64.6 52.2 78.4

264 61.0 51.1 76.7





#71

Phenanthrene

Concen: 46.503 ng

RT: 17.121 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

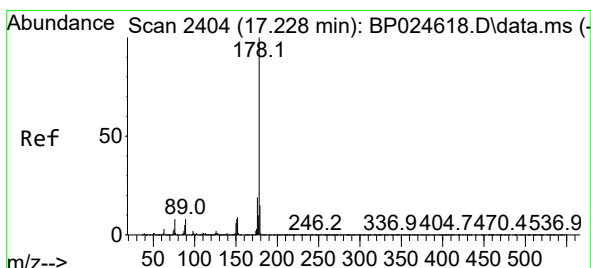
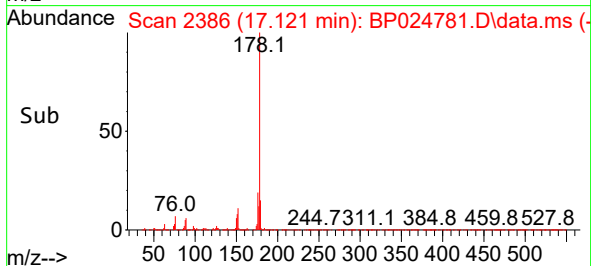
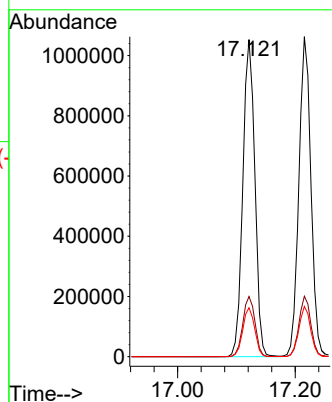
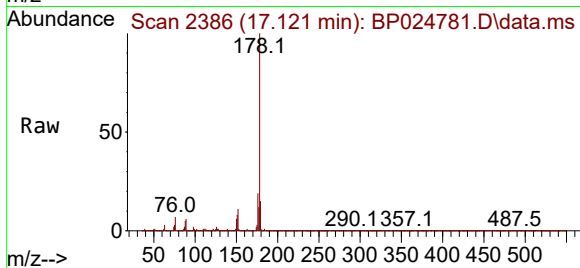
Tgt Ion:178 Resp: 1494432

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 47.008 ng

RT: 17.216 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

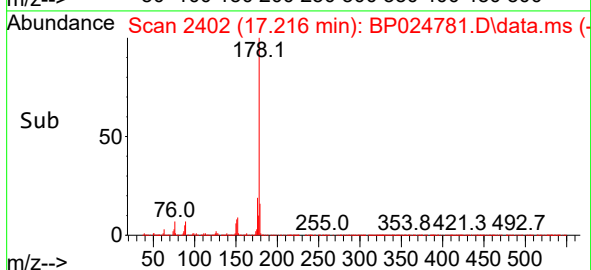
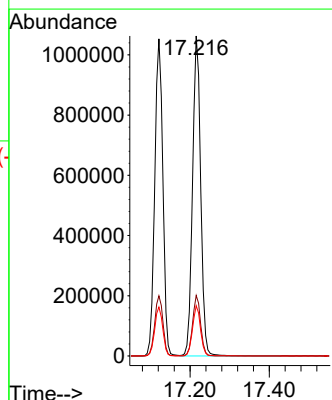
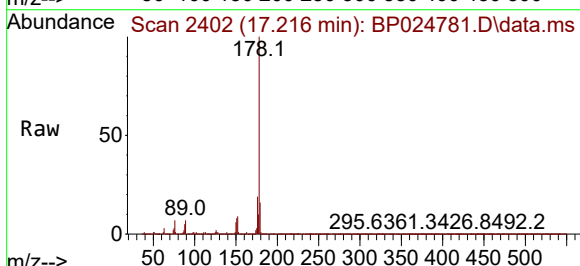
Tgt Ion:178 Resp: 1519903

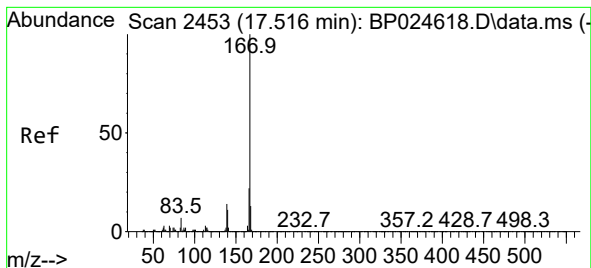
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.2 18.2





#73

Carbazole

Concen: 47.960 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.012 min

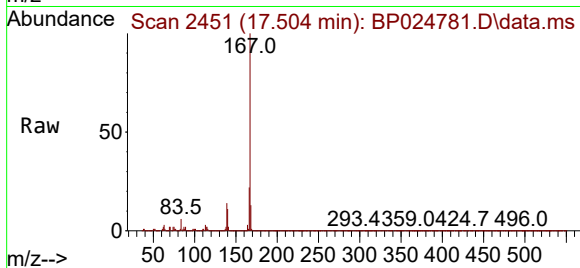
Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :



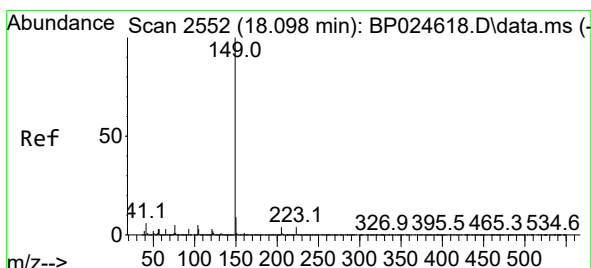
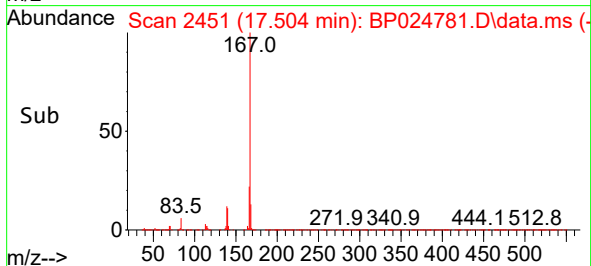
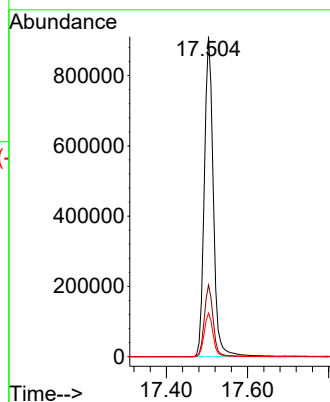
Tgt Ion:167 Resp: 1403513

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

139 13.6 11.3 16.9



#74

Di-n-butylphthalate

Concen: 47.212 ng

RT: 18.086 min Scan# 2550

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

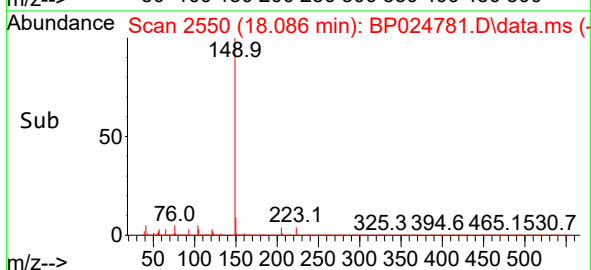
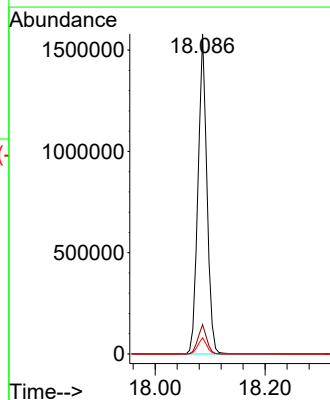
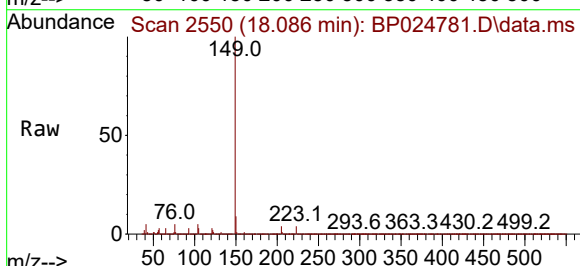
Tgt Ion:149 Resp: 1776899

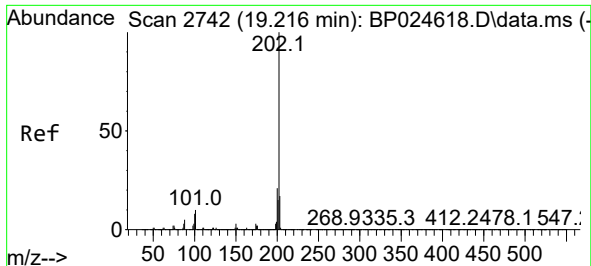
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

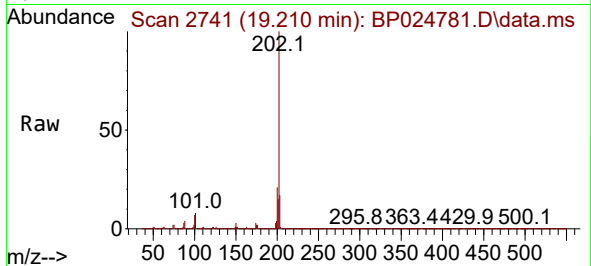
104 5.1 4.3 6.5



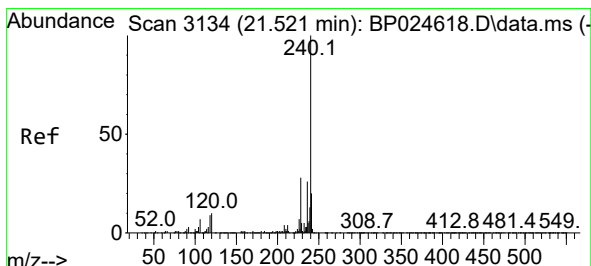
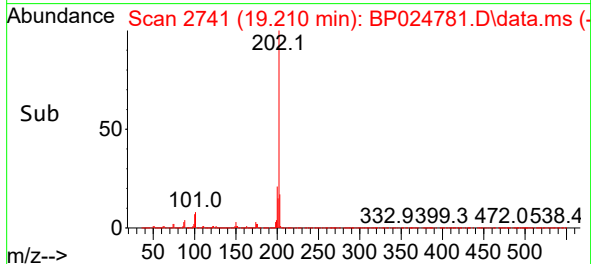
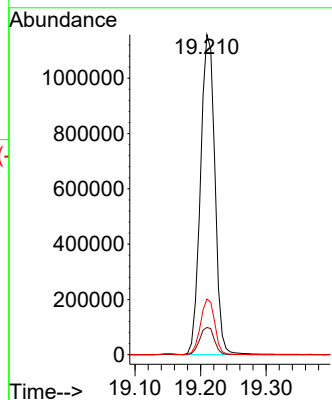


#75
Fluoranthene
Concen: 47.067 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :

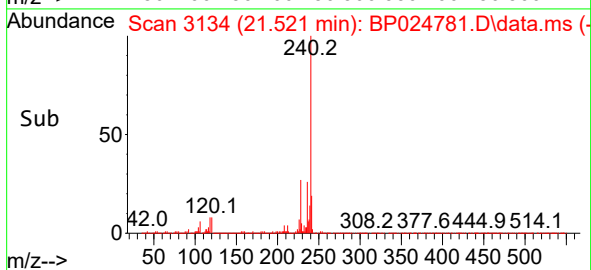
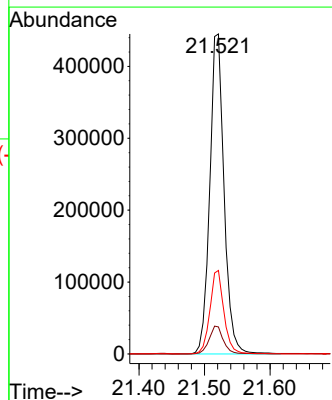
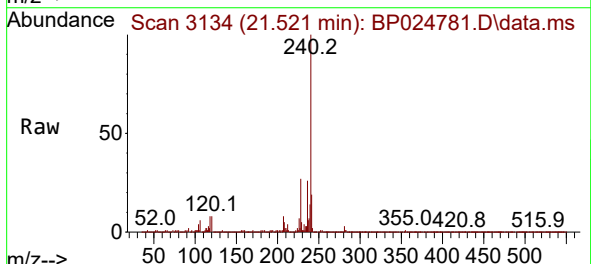


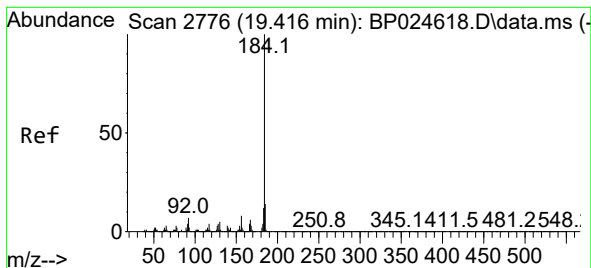
Tgt Ion:202 Resp: 1768091
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:240 Resp: 676097
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.1 20.6 31.0





#77

Benzidine

Concen: 8.932 ng

RT: 19.433 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

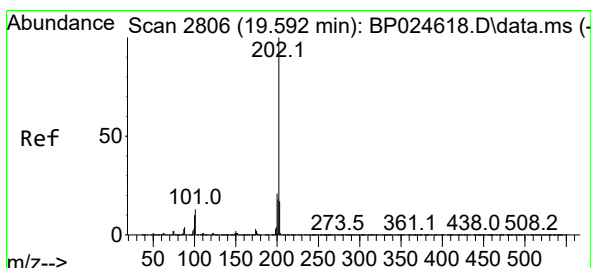
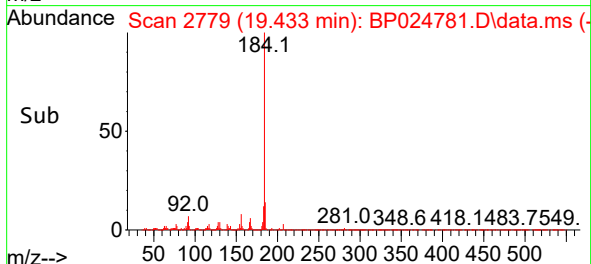
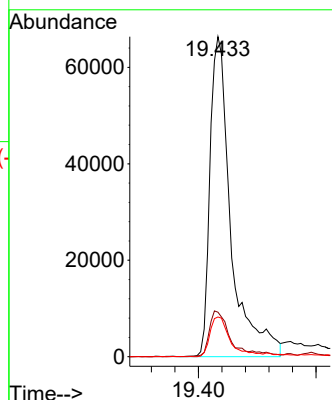
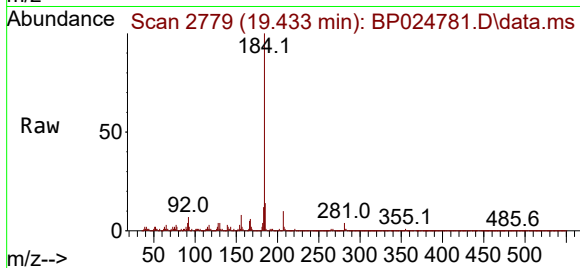
Tgt Ion:184 Resp: 164476

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 12.4 9.8 14.8



#78

Pyrene

Concen: 45.257 ng

RT: 19.592 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

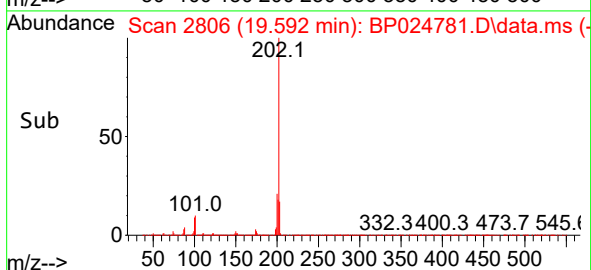
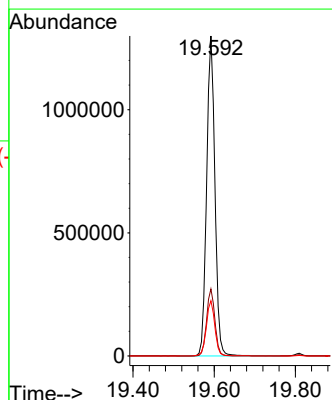
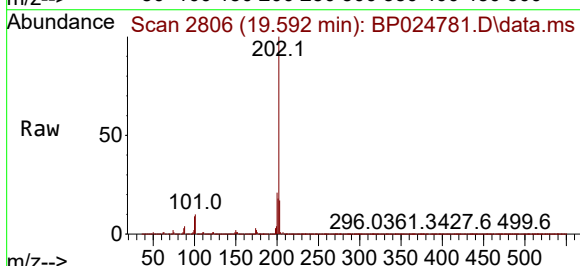
Tgt Ion:202 Resp: 1833386

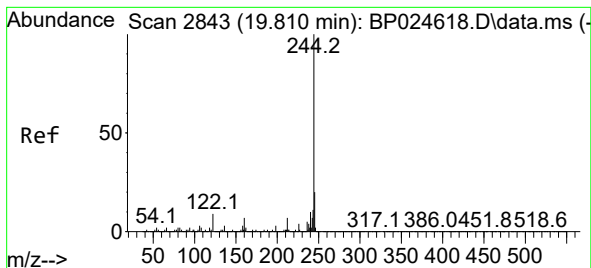
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 82.853 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

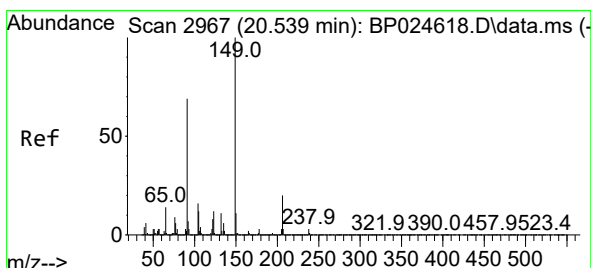
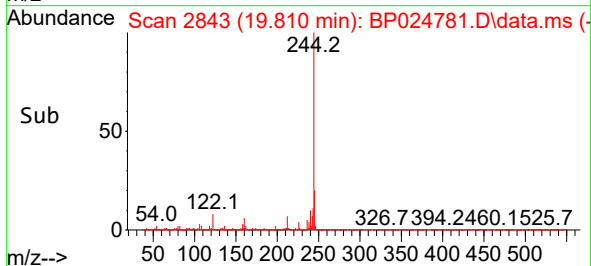
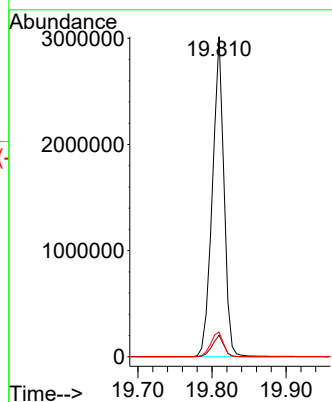
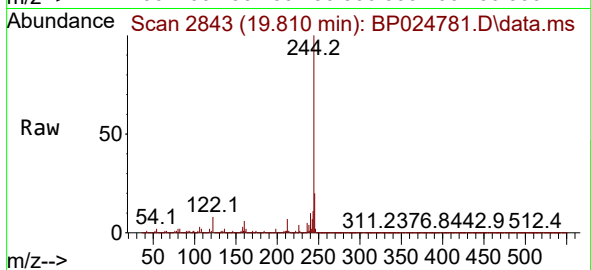
Tgt Ion:244 Resp: 3266849

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 7.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 45.544 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

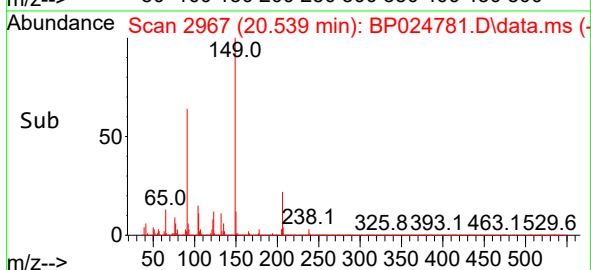
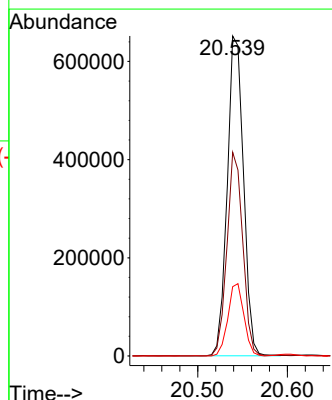
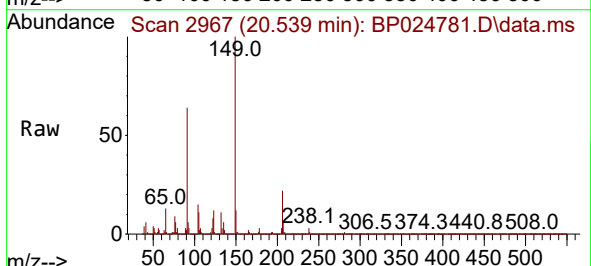
Tgt Ion:149 Resp: 820550

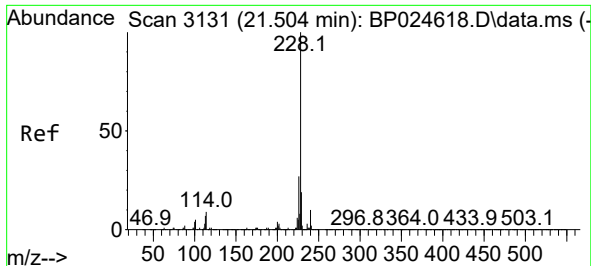
Ion Ratio Lower Upper

149 100

91 63.7 55.4 83.0

206 21.7 16.2 24.2

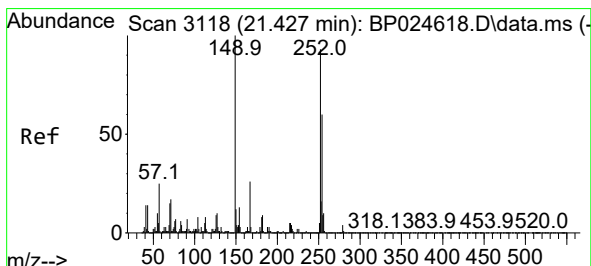
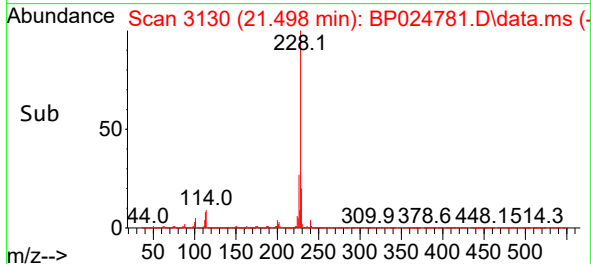
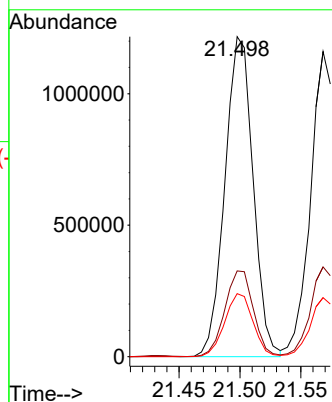
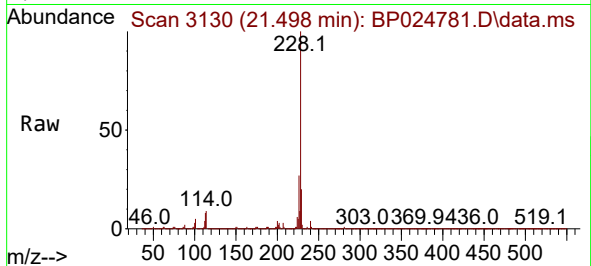




#81
Benzo(a)anthracene
Concen: 46.193 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

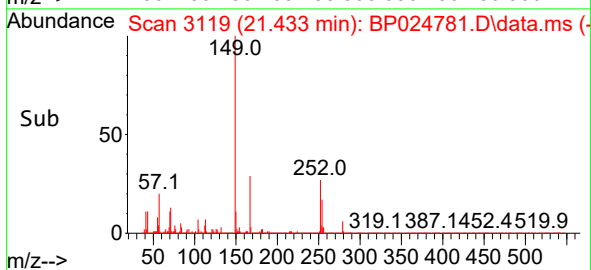
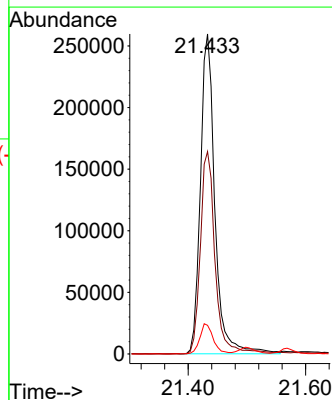
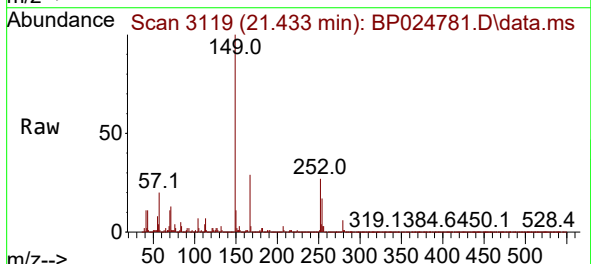
Instrument :
BNA_P
ClientSampleId :

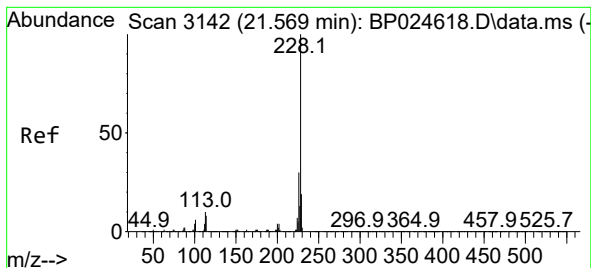
Tgt Ion:228 Resp: 1961039
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 28.142 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:252 Resp: 443743
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 8.9 7.7 11.5





#83

Chrysene

Concen: 45.877 ng

RT: 21.568 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

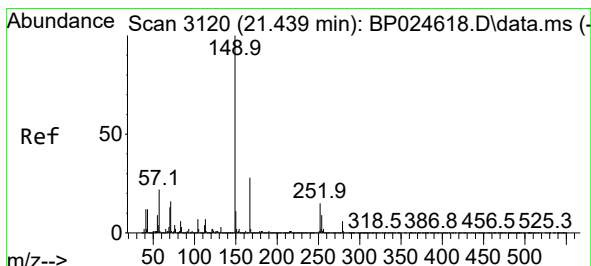
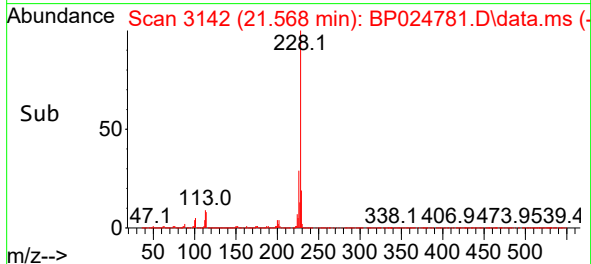
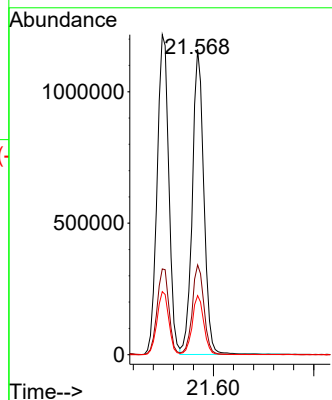
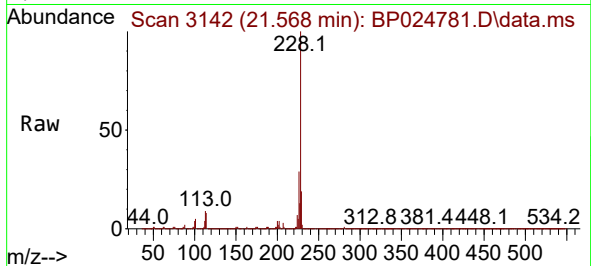
Tgt Ion:228 Resp: 1846260

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.221 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

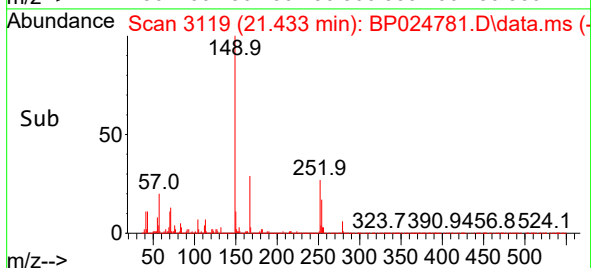
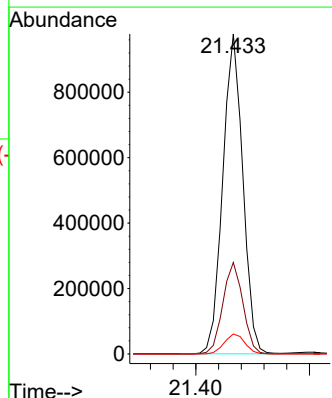
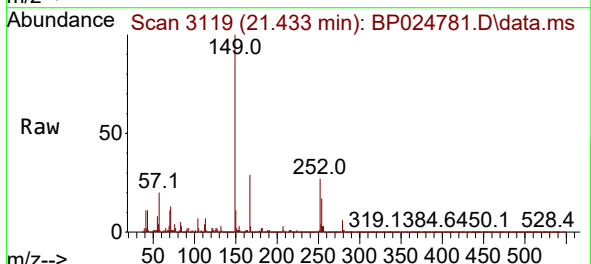
Tgt Ion:149 Resp: 1197514

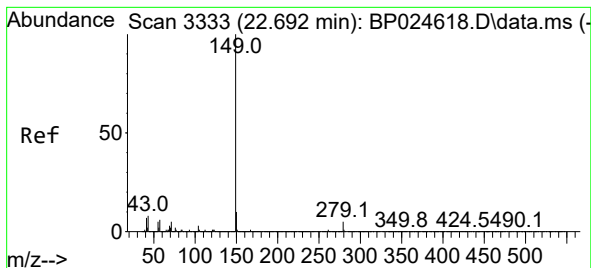
Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 6.3 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.215 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

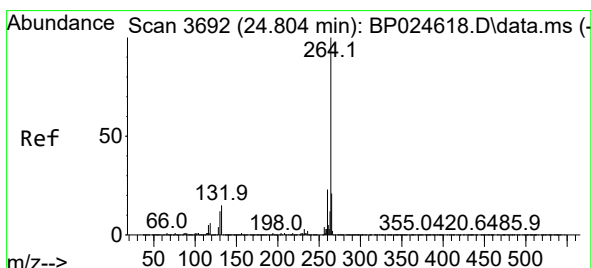
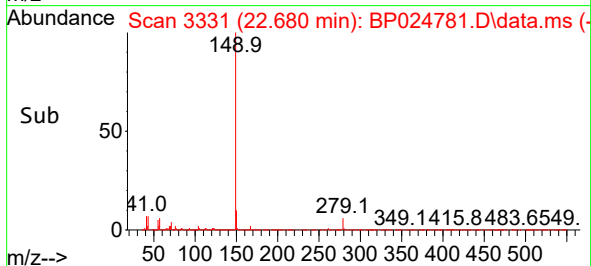
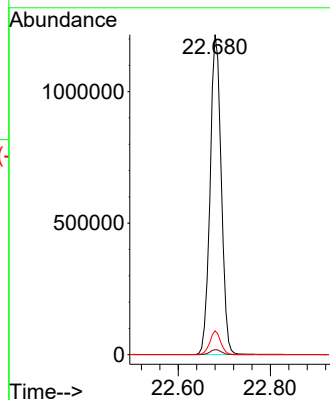
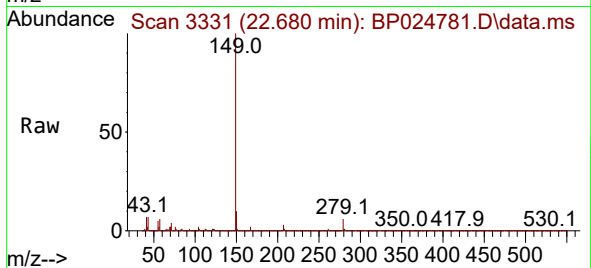
Tgt Ion:149 Resp: 2044617

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

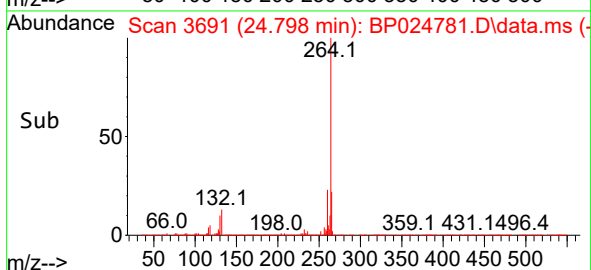
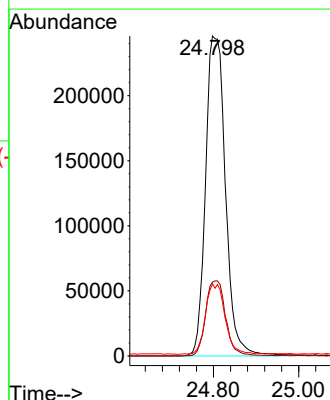
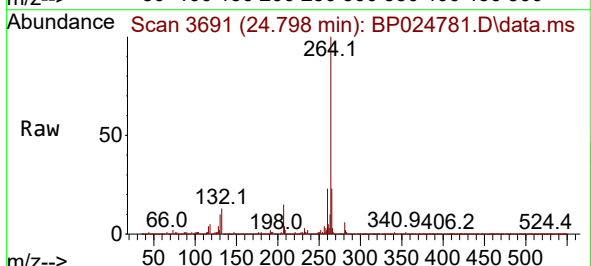
Tgt Ion:264 Resp: 796979

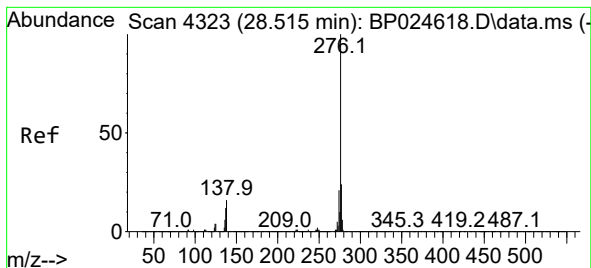
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.943 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.017 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

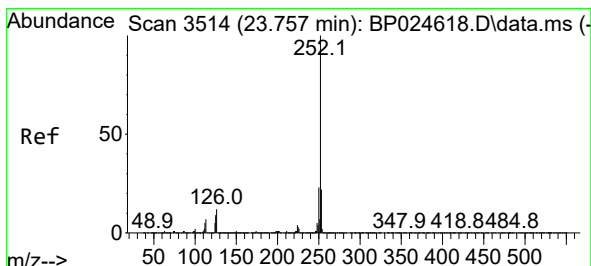
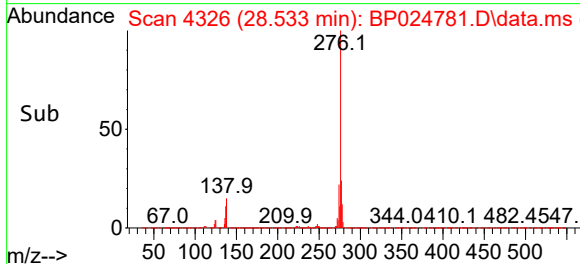
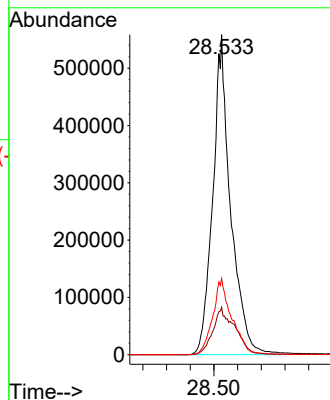
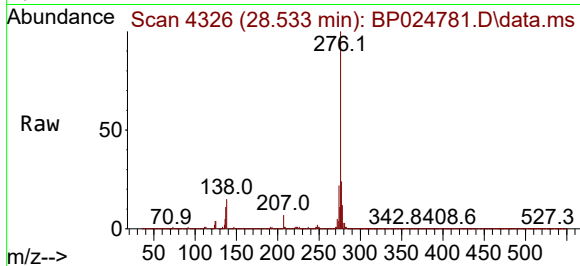
Tgt Ion:276 Resp: 2905896

Ion Ratio Lower Upper

276 100

138 18.1 11.2 16.8#

277 25.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.943 ng

RT: 23.756 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

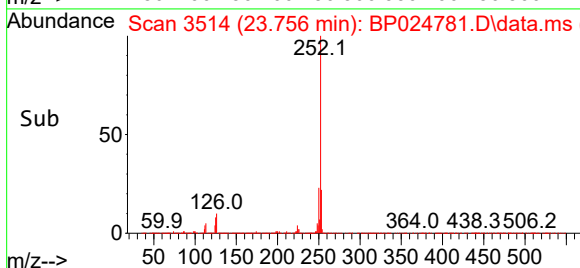
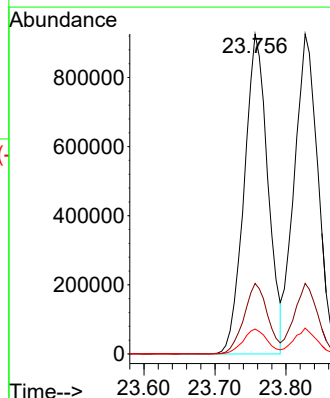
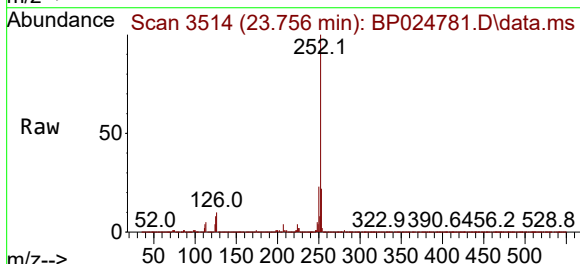
Tgt Ion:252 Resp: 2141437

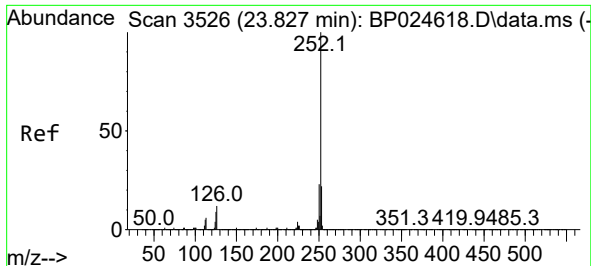
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.8 7.5 11.3

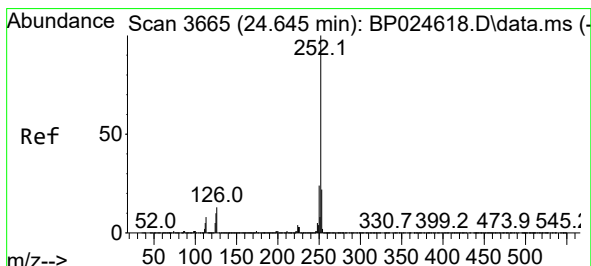
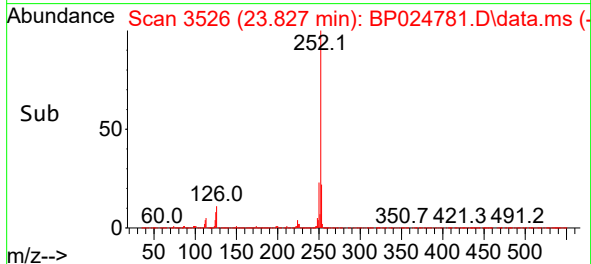
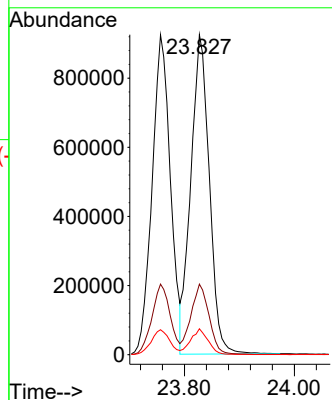
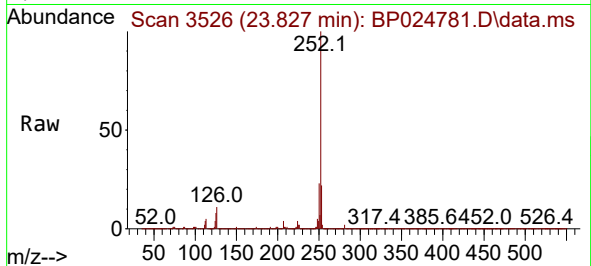




#89
Benzo(k)fluoranthene
Concen: 45.921 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

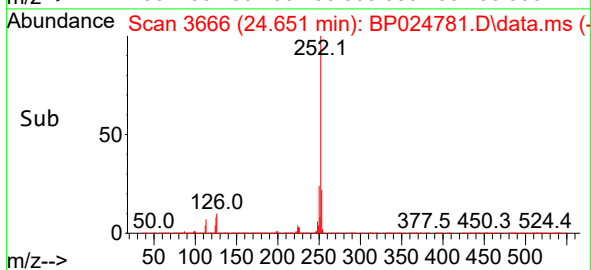
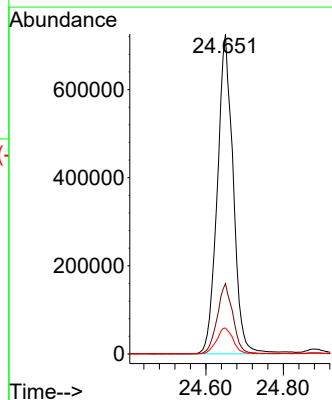
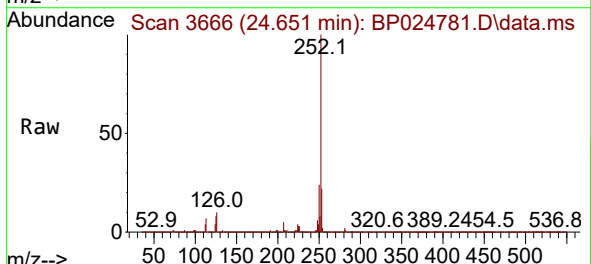
Instrument :
BNA_P
ClientSampleId :

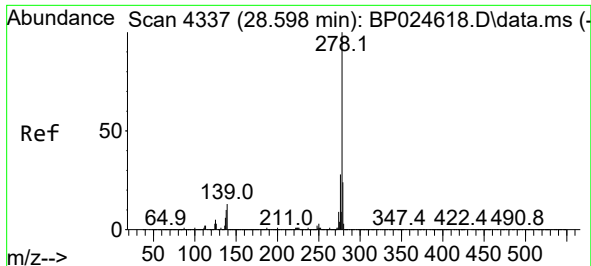
Tgt Ion:252 Resp: 2158581
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.865 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

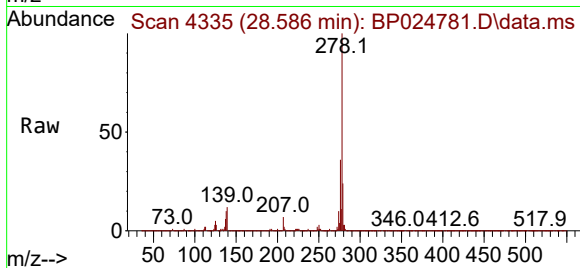
Tgt Ion:252 Resp: 2053264
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.1 8.1 12.1



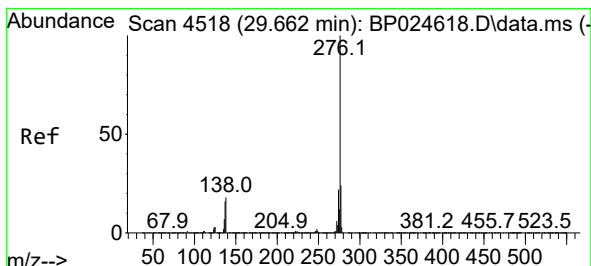
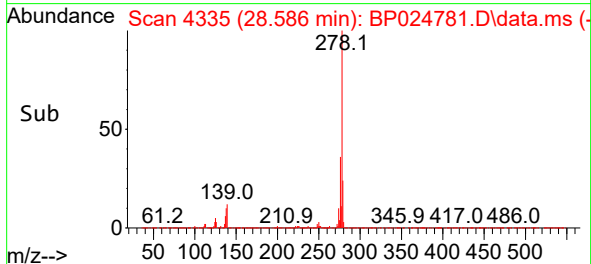
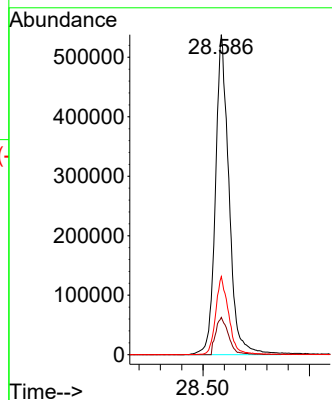


#91
Dibenzo(a,h)anthracene
Concen: 50.222 ng
RT: 28.586 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:278 Resp: 2377257
Ion Ratio Lower Upper
278 100
139 11.6 10.2 15.4
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.005 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:276 Resp: 2306774
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 15.3 14.4 21.6

