

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024542.D
 Acq On : 06 May 2025 11:39
 Operator : RC/JU
 Sample : PB167847BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Quant Time: May 06 13:43:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	173185	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	691867	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	422844	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	796267	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	865226	20.000	ng	0.00
86) Perylene-d12	24.903	264	1040073	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1394464	133.134	ng	-0.01
7) Phenol-d6	6.898	99	1685575	117.527	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1054066	86.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	915714	156.525	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2474114	89.587	ng	-0.02
79) Terphenyl-d14	19.862	244	3949735	92.013	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	156994	35.436	ng	# 93
3) Pyridine	3.669	79	393139	33.606	ng	92
4) n-Nitrosodimethylamine	3.581	42	193612	49.867	ng	# 75
6) Aniline	7.045	93	411001	32.070	ng	98
8) 2-Chlorophenol	7.281	128	531339	45.436	ng	99
9) Benzaldehyde	6.857	77	219895	30.995	ng	98
10) Phenol	6.922	94	610259	42.417	ng	90
11) bis(2-Chloroethyl)ether	7.134	93	465023	40.116	ng	98
12) 1,3-Dichlorobenzene	7.593	146	559968	44.478	ng	99
13) 1,4-Dichlorobenzene	7.740	146	566541	44.352	ng	99
14) 1,2-Dichlorobenzene	8.051	146	542940	44.018	ng	98
15) Benzyl Alcohol	7.945	79	420836	45.373	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	529543	42.263	ng	100
17) 2-Methylphenol	8.151	107	423682	45.522	ng	97
18) Hexachloroethane	8.769	117	214933	46.559	ng	97
19) n-Nitroso-di-n-propyla...	8.504	70	351270	39.589	ng	95
20) 3+4-Methylphenols	8.481	107	566689	43.882	ng	98
22) Acetophenone	8.522	105	738418	43.121	ng	97
24) Nitrobenzene	8.898	77	535257	44.593	ng	98
25) Isophorone	9.422	82	975688	44.425	ng	96
26) 2-Nitrophenol	9.598	139	282218	48.045	ng	# 93
27) 2,4-Dimethylphenol	9.669	122	473564	64.207	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	608966	41.045	ng	99
29) 2,4-Dichlorophenol	10.139	162	474574	47.190	ng	98
30) 1,2,4-Trichlorobenzene	10.339	180	501979	46.588	ng	99
31) Naphthalene	10.528	128	1539140	42.232	ng	99
32) Benzoic acid	9.834	122	312517	36.364	ng	98
33) 4-Chloroaniline	10.657	127	256371	19.975	ng	98
34) Hexachlorobutadiene	10.810	225	322640	50.957	ng	99
35) Caprolactam	11.445	113	157211	42.367	ng	95
36) 4-Chloro-3-methylphenol	11.781	107	533476	45.543	ng	97
37) 2-Methylnaphthalene	12.139	142	976938	38.652	ng	97
38) 1-Methylnaphthalene	12.357	142	1023990	41.413	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	550991	47.384	ng	98
41) Hexachlorocyclopentadiene	12.492	237	810647	197.113	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	383614	49.619	ng	97

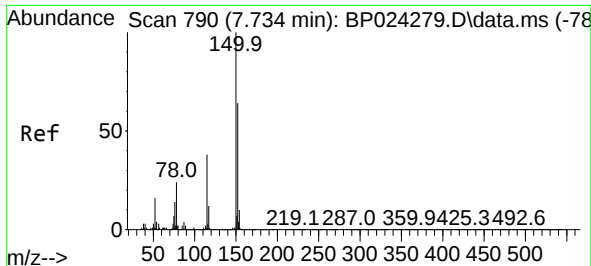
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	423238	49.437	ng	99
46) 1,1'-Biphenyl	13.163	154	1366759	43.974	ng	98
47) 2-Chloronaphthalene	13.204	162	1050859	45.238	ng	98
48) 2-Nitroaniline	13.416	65	321945	49.408	ng	94
49) Acenaphthylene	14.057	152	1761971	48.176	ng	100
50) Dimethylphthalate	13.792	163	1356648	44.119	ng	99
51) 2,6-Dinitrotoluene	13.916	165	305004	46.710	ng	92
52) Acenaphthene	14.404	154	1003647	43.286	ng	98
53) 3-Nitroaniline	14.251	138	282927	41.226	ng	99
54) 2,4-Dinitrophenol	14.469	184	390043	101.407	ng	89
55) Dibenzofuran	14.745	168	1580758	41.709	ng	96
56) 4-Nitrophenol	14.592	139	531606	89.691	ng	89
57) 2,4-Dinitrotoluene	14.716	165	434511	48.782	ng	95
58) Fluorene	15.398	166	1280105	43.631	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	364971	46.222	ng	98
60) Diethylphthalate	15.174	149	1381888	43.608	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	641403	45.019	ng	95
62) 4-Nitroaniline	15.439	138	326520	44.944	ng	89
63) Azobenzene	15.698	77	1203084	41.307	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	246108	49.024	ng	95
66) n-Nitrosodiphenylamine	15.621	169	1114636	46.899	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	432748	49.692	ng	97
68) Hexachlorobenzene	16.427	284	527233	50.949	ng	98
69) Atrazine	16.598	200	401760	66.372	ng	99
70) Pentachlorophenol	16.786	266	708770	98.178	ng	100
71) Phenanthrene	17.180	178	1962018	45.168	ng	100
72) Anthracene	17.274	178	1997004	47.700	ng	99
73) Carbazole	17.563	167	1867926	45.663	ng	99
74) Di-n-butylphthalate	18.145	149	2363542	46.377	ng	99
75) Fluoranthene	19.274	202	2287090	44.269	ng	97
77) Benzidine	19.480	184	1093517	99.705	ng	99
78) Pyrene	19.651	202	2377772	43.243	ng	99
80) Butylbenzylphthalate	20.598	149	1111524	47.195	ng	98
81) Benzo(a)anthracene	21.568	228	2484256	46.194	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	604643	32.033	ng	99
83) Chrysene	21.633	228	2316361	44.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1607734	46.566	ng	99
85) Di-n-octyl phthalate	22.768	149	2830018	50.419	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3507906	48.582	ng	97
88) Benzo(b)fluoranthene	23.862	252	2750298	44.116	ng	98
89) Benzo(k)fluoranthene	23.862	252	2750298	45.671	ng	98
90) Benzo(a)pyrene	24.768	252	2639997	49.092	ng	98
91) Dibenzo(a,h)anthracene	28.786	278	2886101	48.155	ng	98
92) Benzo(g,h,i)perylene	29.880	276	2821822	46.257	ng #	94

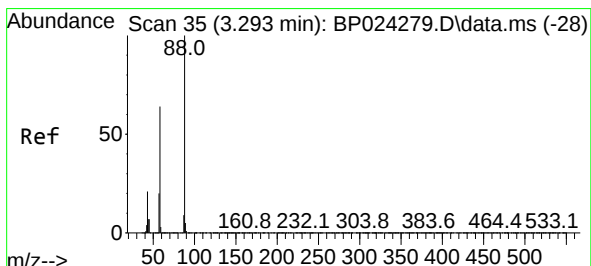
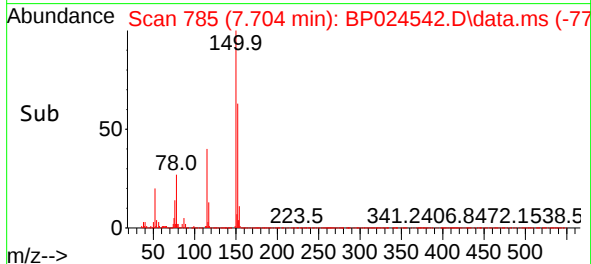
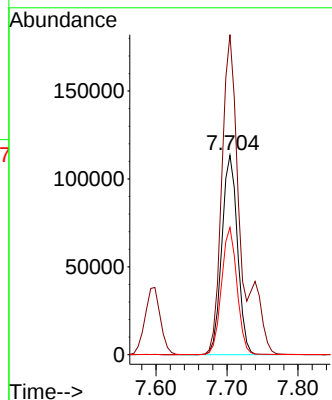
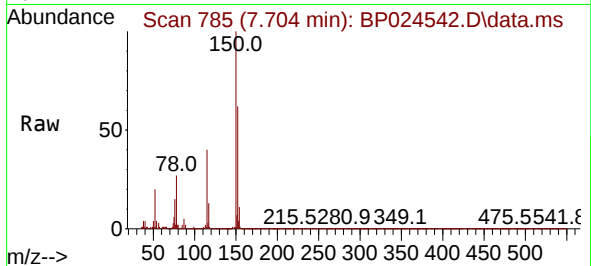
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

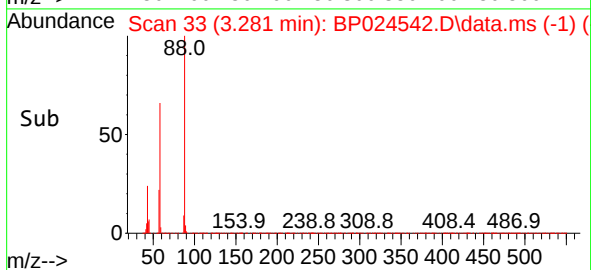
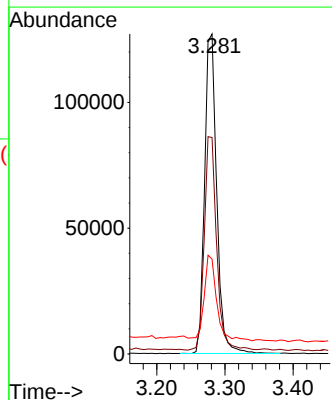
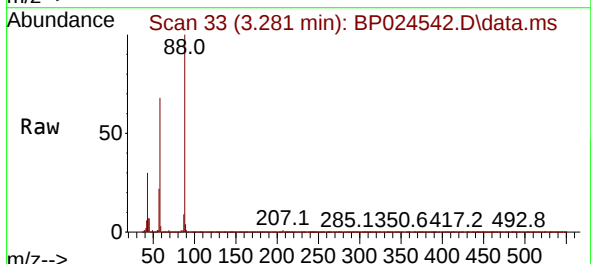
Instrument :
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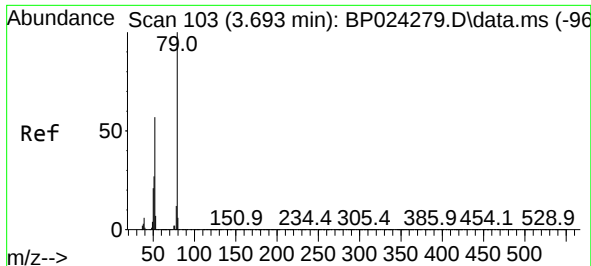
Tgt Ion:152 Resp: 173185
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.9 187.3
 115 63.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 35.436 ng
 RT: 3.281 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

Tgt Ion: 88 Resp: 156994
 Ion Ratio Lower Upper
 88 100
 58 67.9 51.4 77.2
 43 28.0 17.1 25.7#

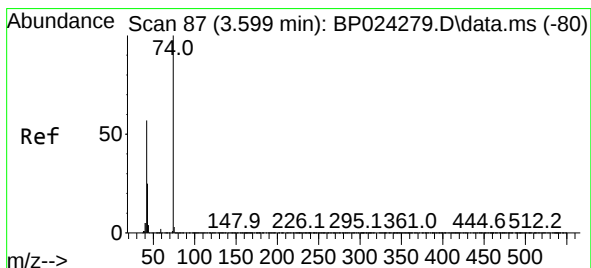
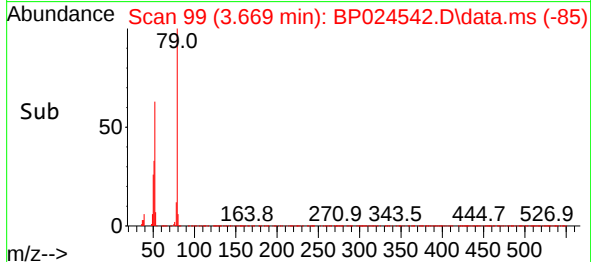
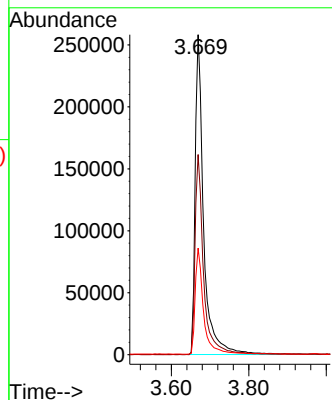
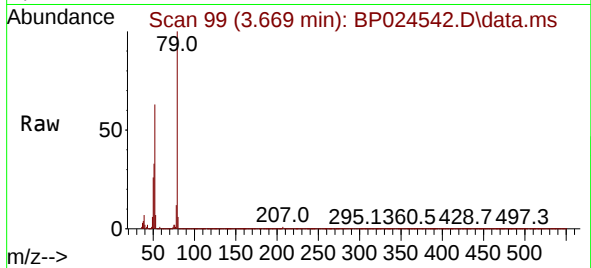




#3
Pyridine
Concen: 33.606 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

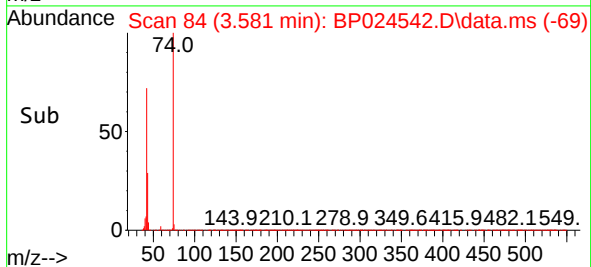
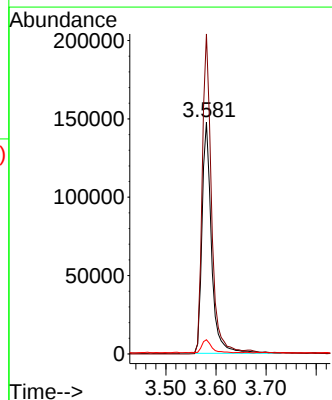
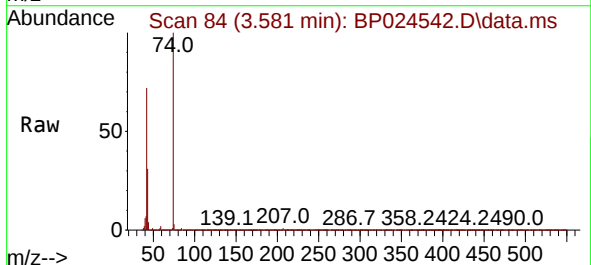
Instrument :
BNA_P
ClientSampleId :
PB167847BS

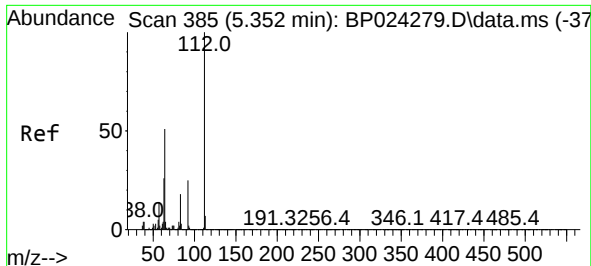
Tgt Ion: 79 Resp: 393139
Ion Ratio Lower Upper
79 100
52 62.6 45.4 68.2
51 33.3 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 49.867 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 42 Resp: 193612
Ion Ratio Lower Upper
42 100
74 138.0 139.5 209.3#
44 6.2 5.8 8.8

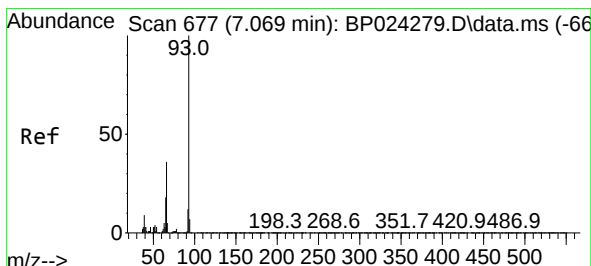
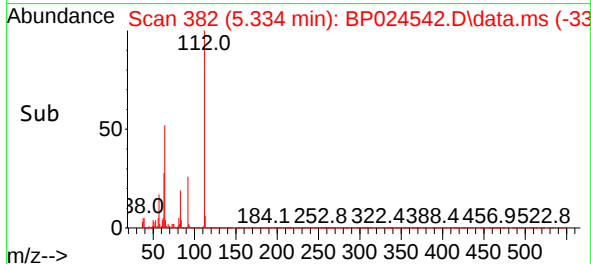
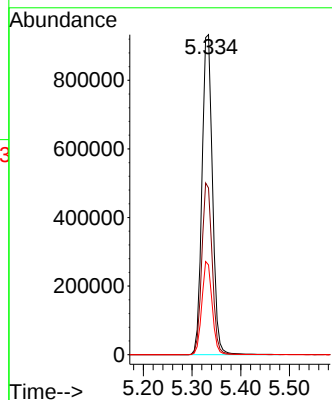
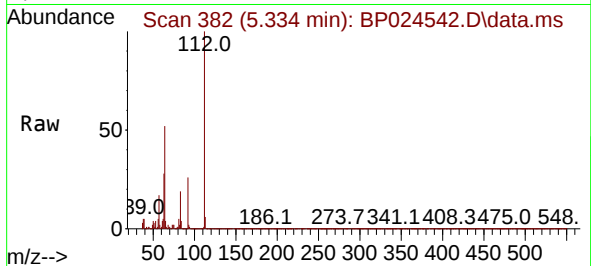




#5
2-Fluorophenol
Concen: 133.134 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

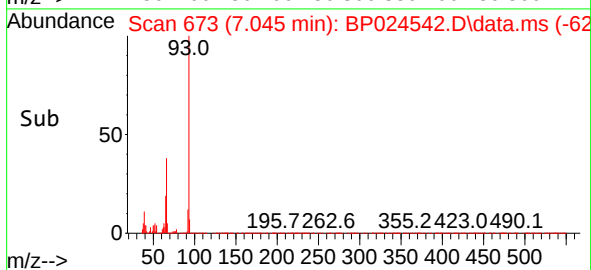
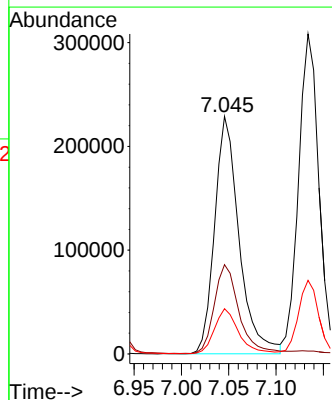
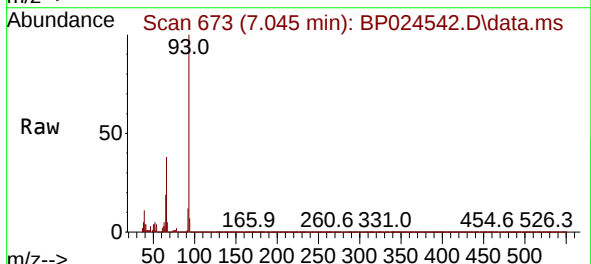
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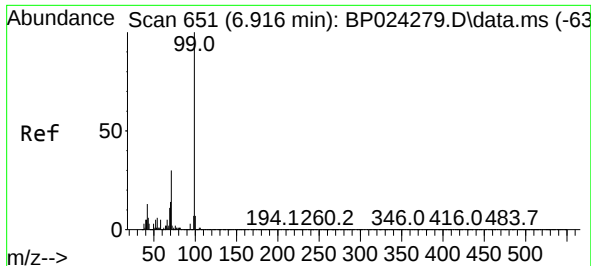
Tgt Ion:112 Resp: 1394464
Ion Ratio Lower Upper
112 100
64 52.1 41.1 61.7
63 28.0 20.6 30.8



#6
Aniline
Concen: 32.070 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 93 Resp: 411001
Ion Ratio Lower Upper
93 100
66 37.6 29.1 43.7
65 19.1 14.7 22.1

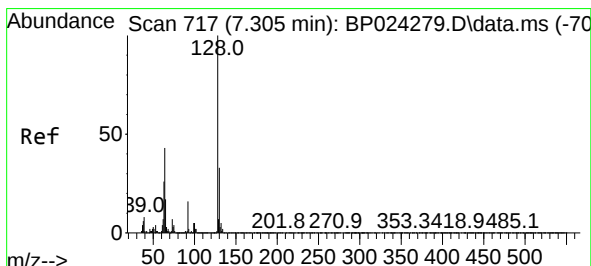
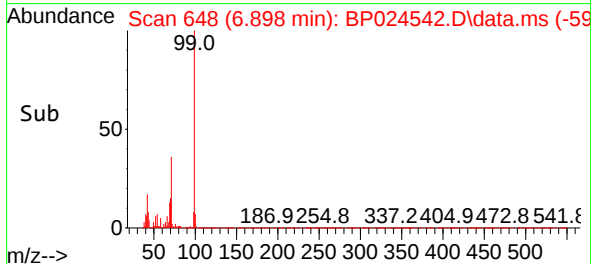
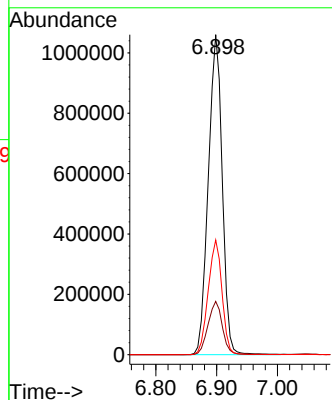
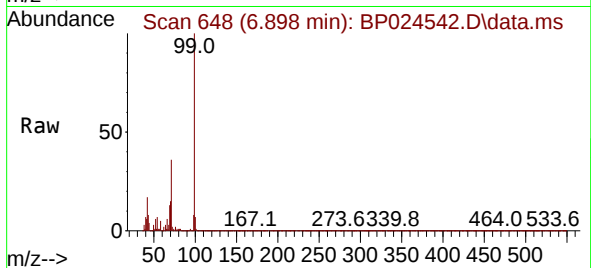




#7
Phenol-d6
Concen: 117.527 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

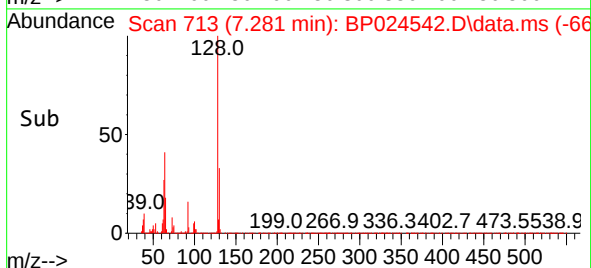
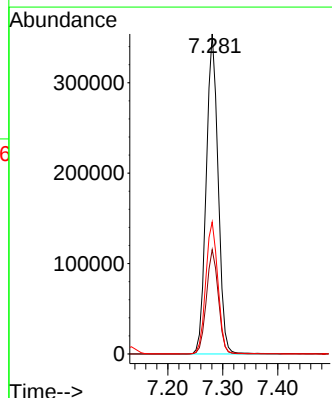
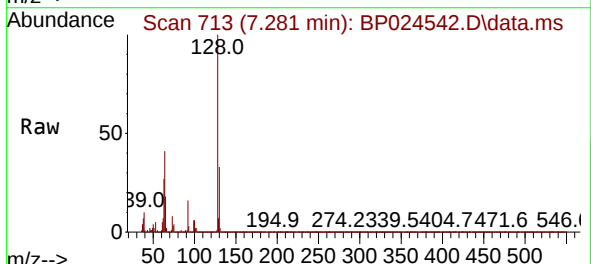
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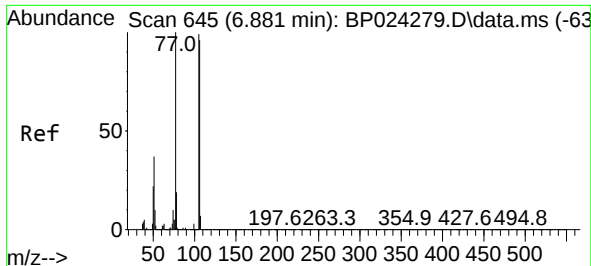
Tgt Ion: 99 Resp: 1685575
Ion Ratio Lower Upper
99 100
42 16.7 10.6 16.0#
71 35.9 23.7 35.5#



#8
2-Chlorophenol
Concen: 45.436 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:128 Resp: 531339
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 41.2 22.7 62.7

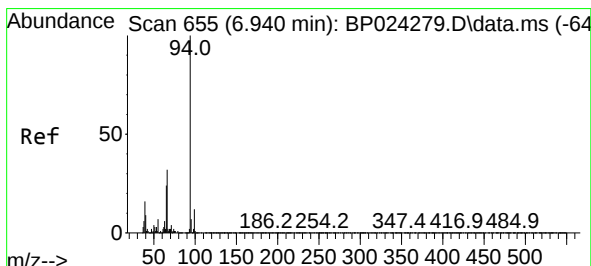
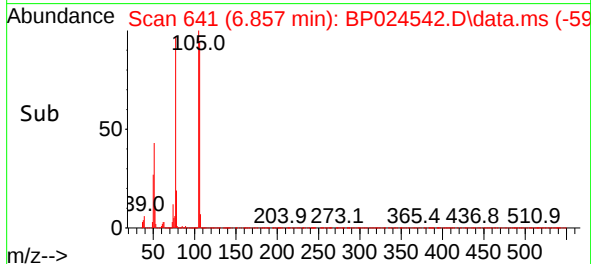
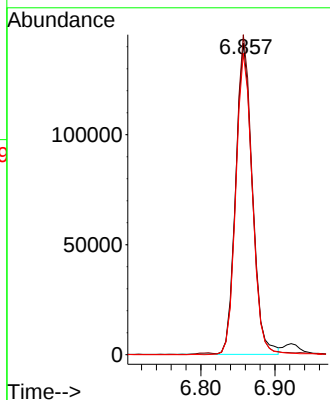
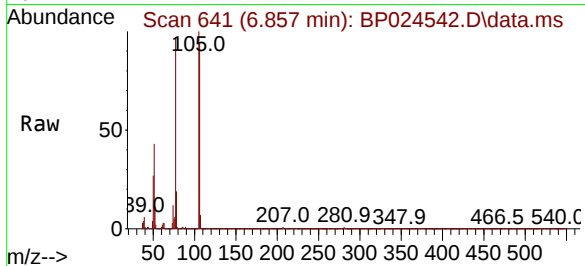




#9
Benzaldehyde
Concen: 30.995 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.024 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

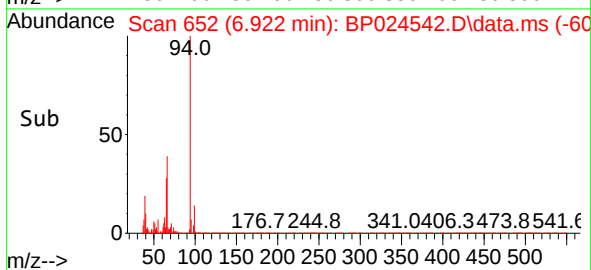
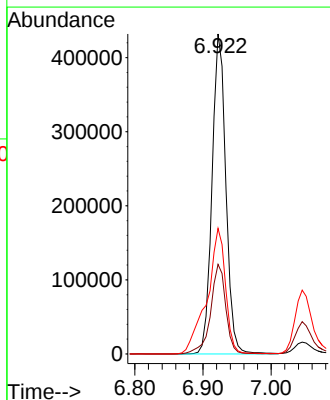
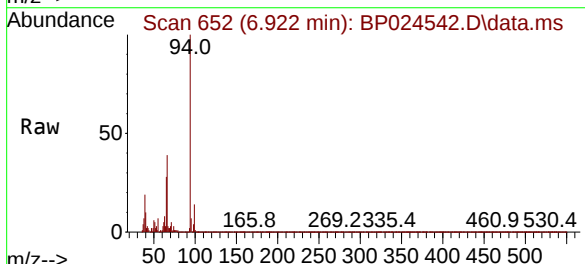
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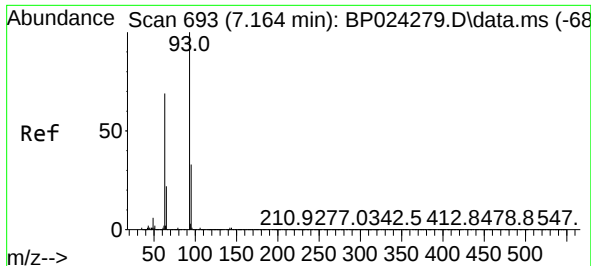
Tgt Ion: 77 Resp: 219895
Ion Ratio Lower Upper
77 100
105 102.7 79.2 119.2
106 96.7 76.2 116.2



#10
Phenol
Concen: 42.417 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 94 Resp: 610259
Ion Ratio Lower Upper
94 100
65 28.0 4.5 44.5
66 39.3 12.4 52.4

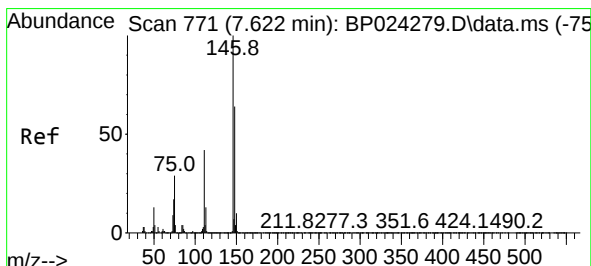
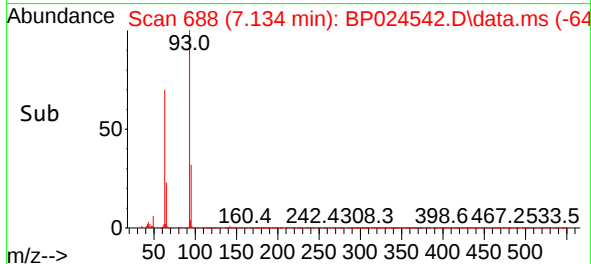
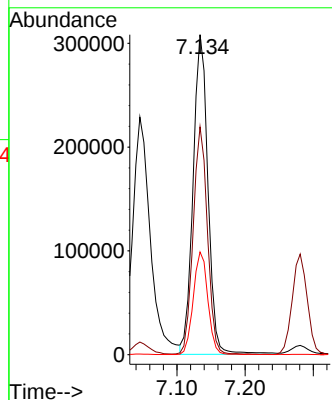
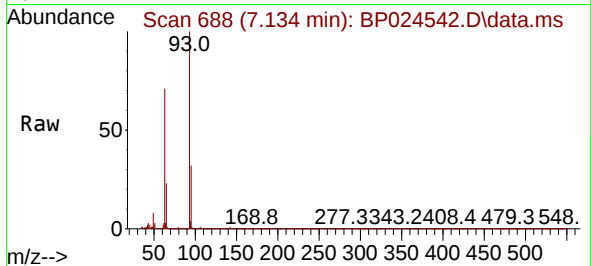




#11
bis(2-Chloroethyl)ether
Concen: 40.116 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

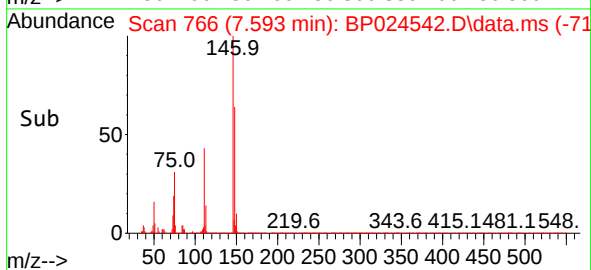
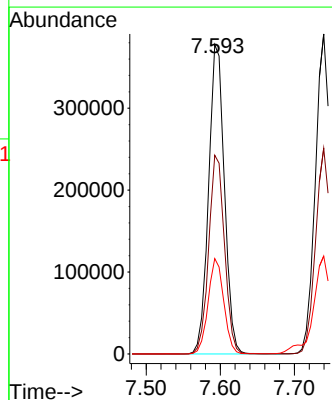
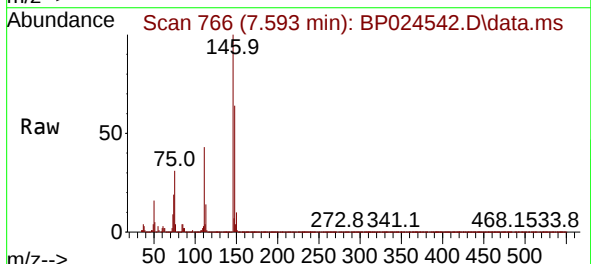
Instrument :
BNA_P
ClientSampleId :
PB167847BS

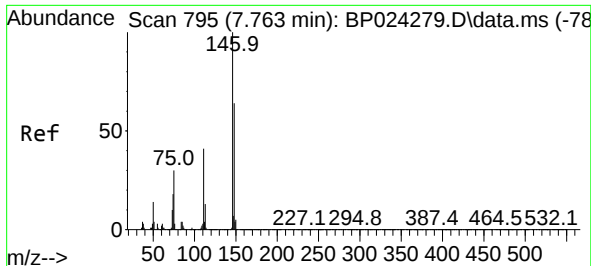
Tgt Ion: 93 Resp: 465023
Ion Ratio Lower Upper
93 100
63 71.2 48.6 88.6
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.478 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.024 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 146 Resp: 559968
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 30.8 22.9 34.3

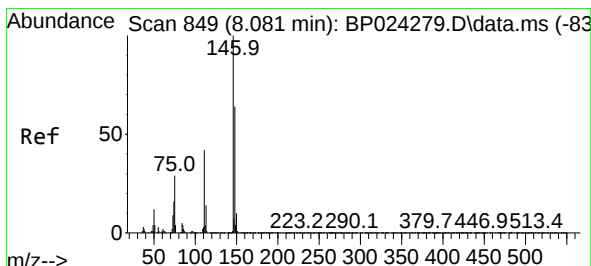
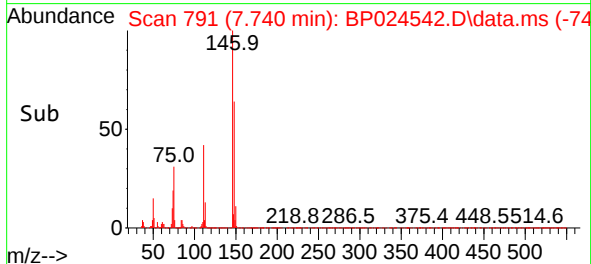
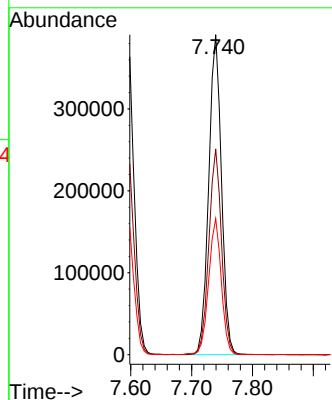
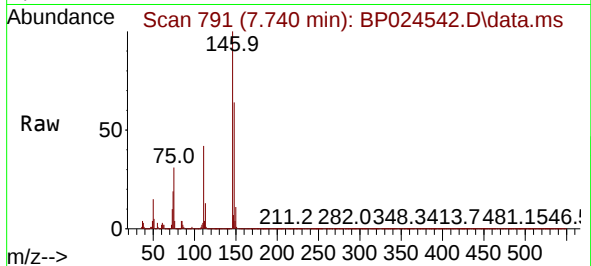




#13
1,4-Dichlorobenzene
Concen: 44.352 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

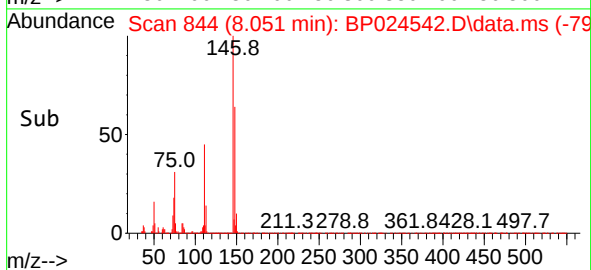
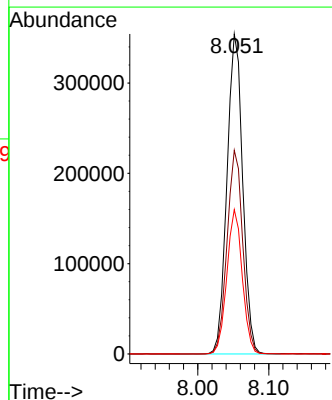
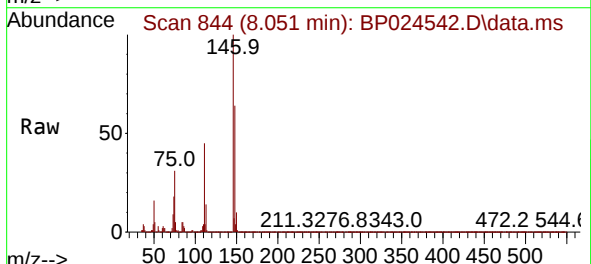
Instrument :
BNA_P
ClientSampleId :
PB167847BS

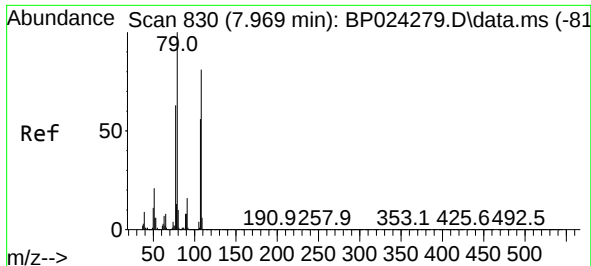
Tgt Ion:146 Resp: 566541
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.5 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.018 ng
RT: 8.051 min Scan# 844
Delta R.T. -0.024 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:146 Resp: 542940
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 45.1 33.8 50.8

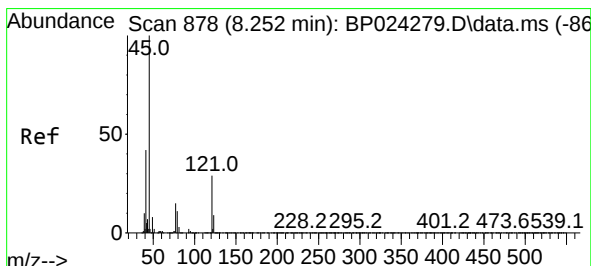
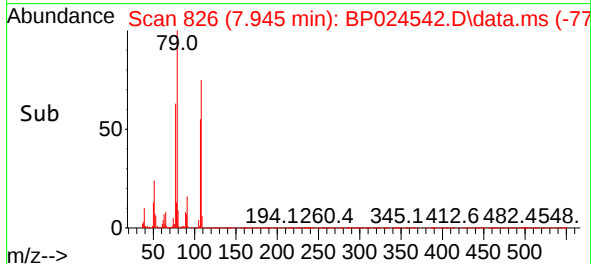
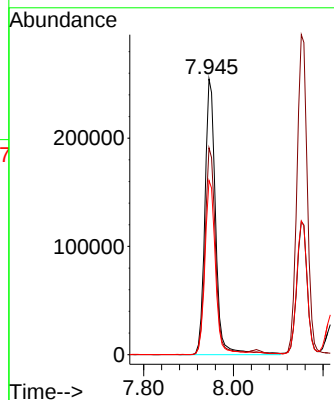
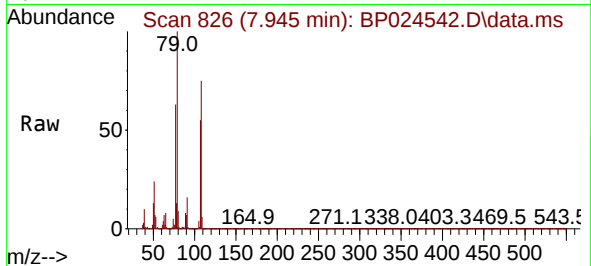




#15
Benzyl Alcohol
Concen: 45.373 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

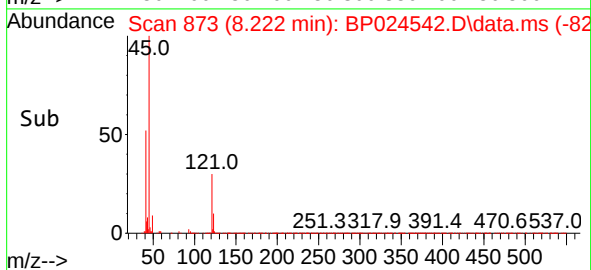
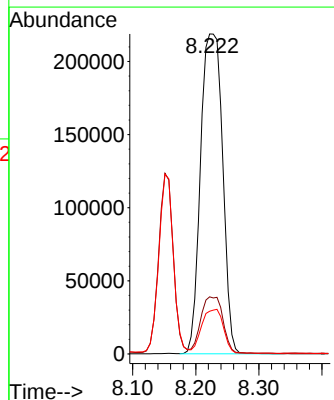
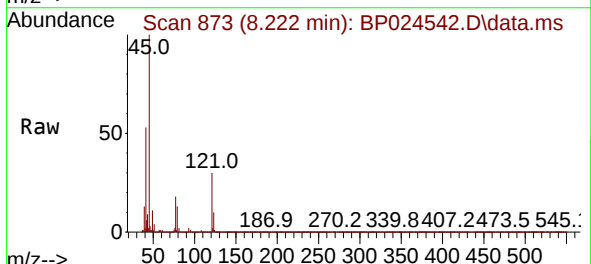
Instrument :
BNA_P
ClientSampleId :
PB167847BS

Tgt Ion: 79 Resp: 420836
Ion Ratio Lower Upper
79 100
108 75.0 65.1 97.7
77 63.1 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.263 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 45 Resp: 529543
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.3 0.0 33.5





#17

2-Methylphenol

Concen: 45.522 ng

RT: 8.151 min Scan# 80

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

Tgt Ion:107 Resp: 423682

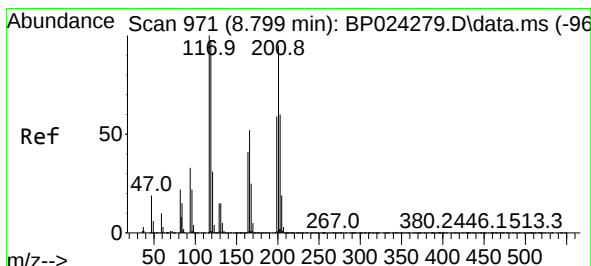
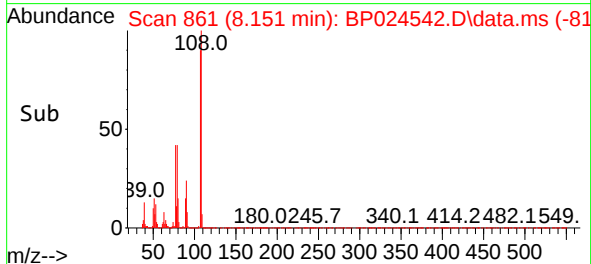
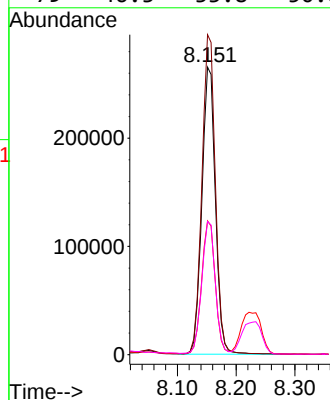
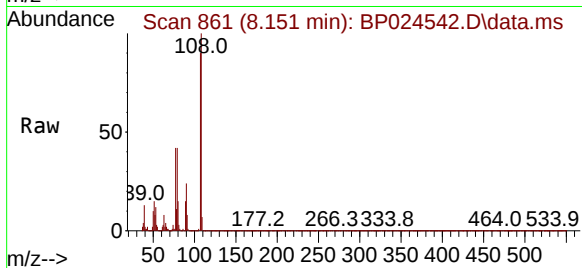
Ion Ratio Lower Upper

107 100

108 111.3 89.8 134.6

77 46.5 34.2 51.4

79 46.3 33.8 50.8



#18

Hexachloroethane

Concen: 46.559 ng

RT: 8.769 min Scan# 966

Delta R.T. -0.024 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

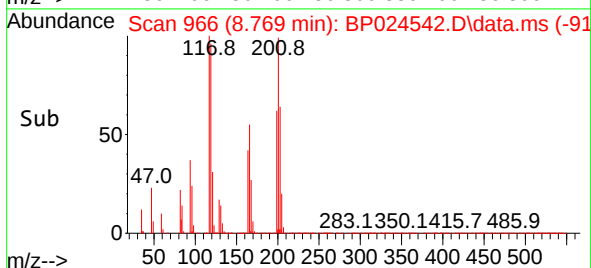
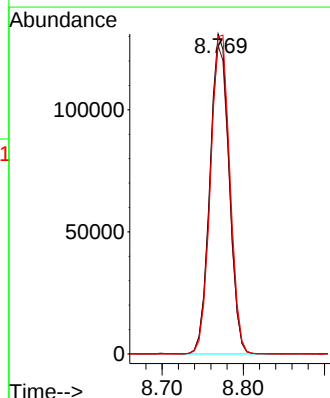
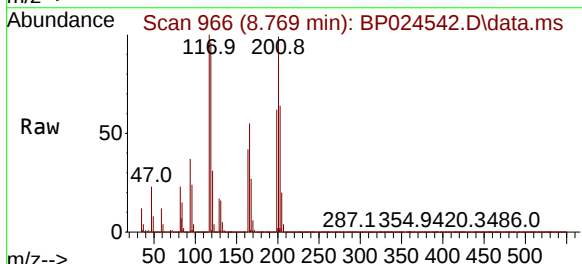
Tgt Ion:117 Resp: 214933

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6

201 99.1 75.9 113.9



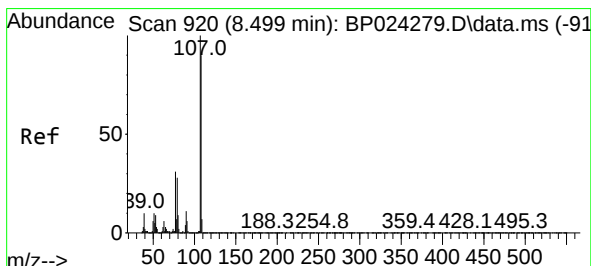
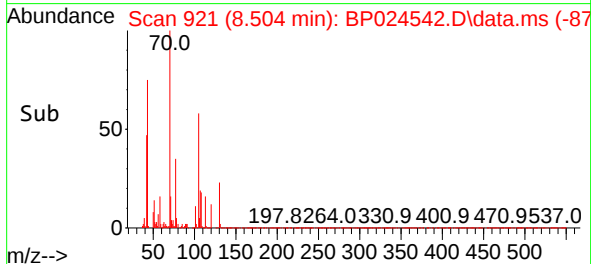
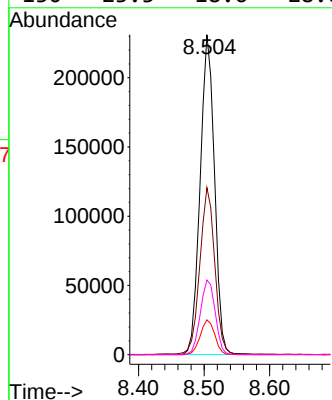
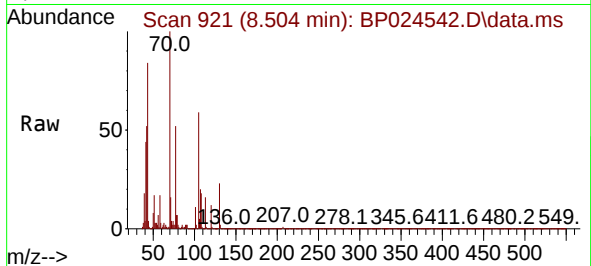


#19
n-Nitroso-di-n-propylamine
Concen: 39.589 ng
RT: 8.504 min Scan# 917
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB167847BS

Tgt Ion: 70 Resp: 351270

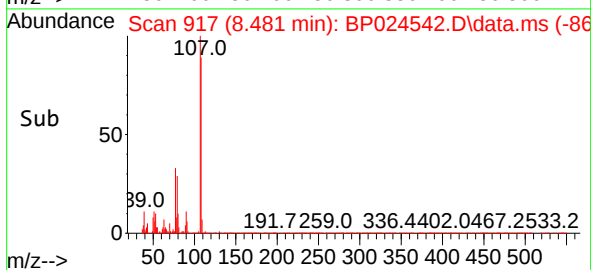
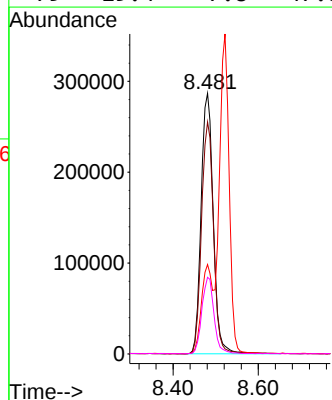
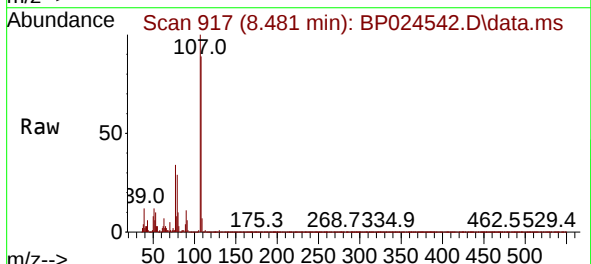
Ion	Ratio	Lower	Upper
70	100		
42	52.2	37.3	55.9
101	10.9	8.2	12.4
130	23.3	18.6	28.0

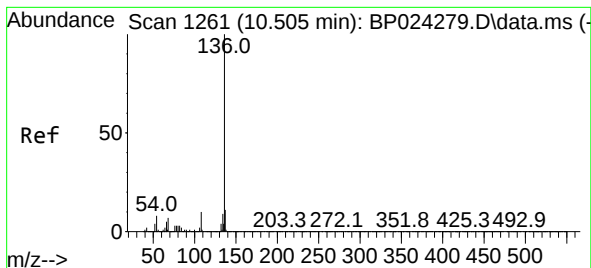


#20
3+4-Methylphenols
Concen: 43.882 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 107 Resp: 566689

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	34.3	11.5	51.5
79	29.4	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

Tgt Ion:136 Resp: 691867

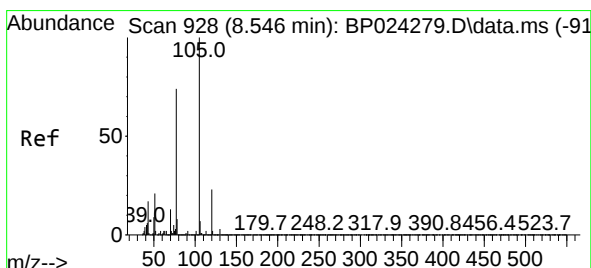
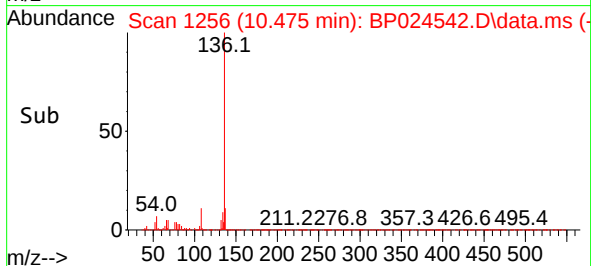
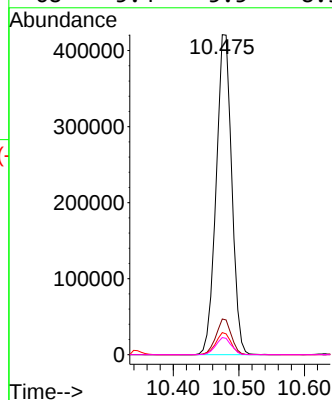
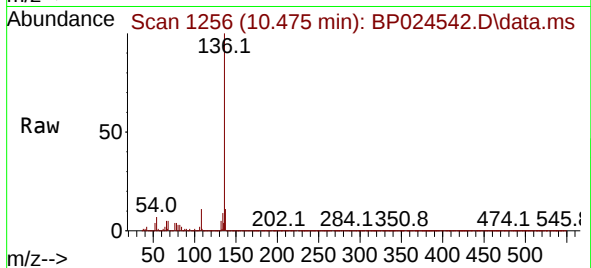
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.9 6.0 9.0

68 5.4 5.5 8.3#



#22

Acetophenone

Concen: 43.121 ng

RT: 8.522 min Scan# 924

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Tgt Ion:105 Resp: 738418

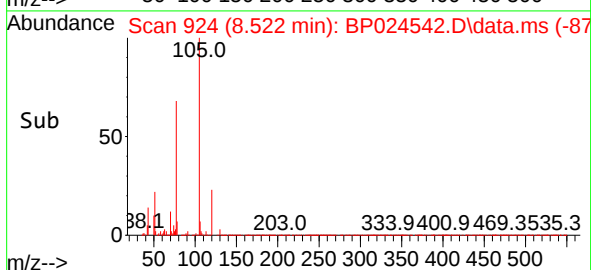
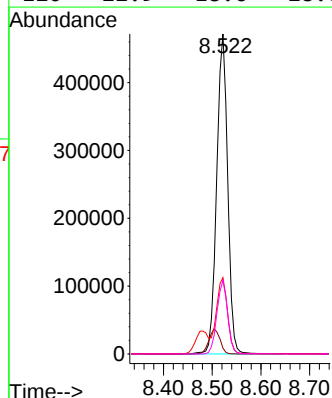
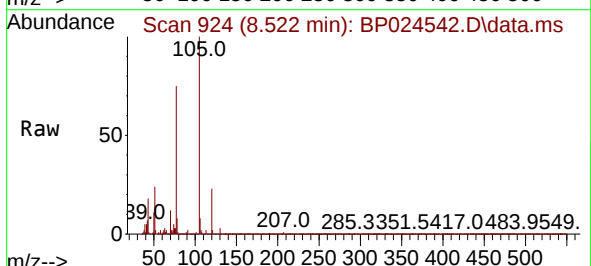
Ion Ratio Lower Upper

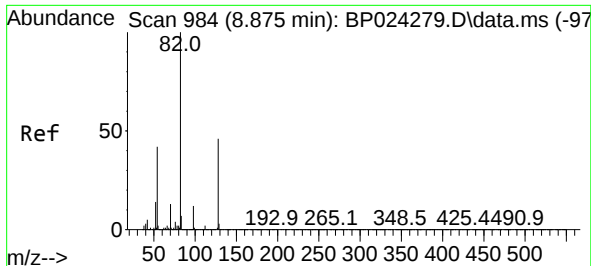
105 100

71 1.9 1.7 2.5

51 23.9 16.9 25.3

120 22.9 18.6 28.0

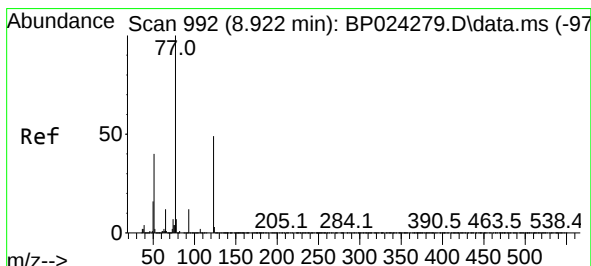
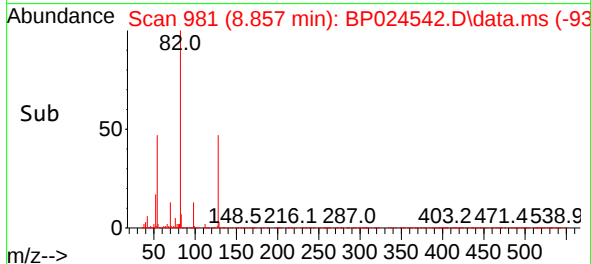
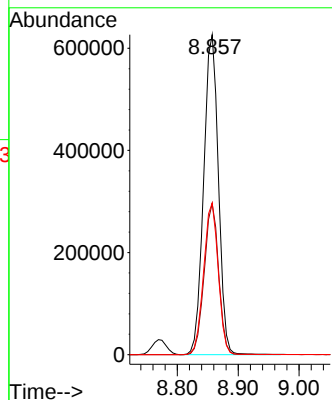
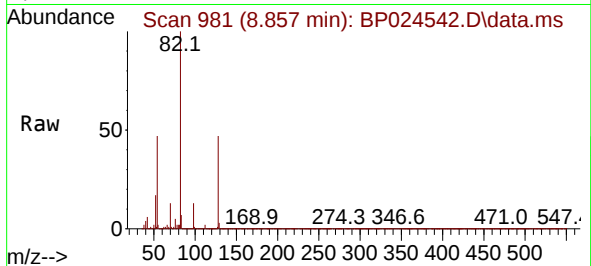




#23
Nitrobenzene-d5
Concen: 86.872 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

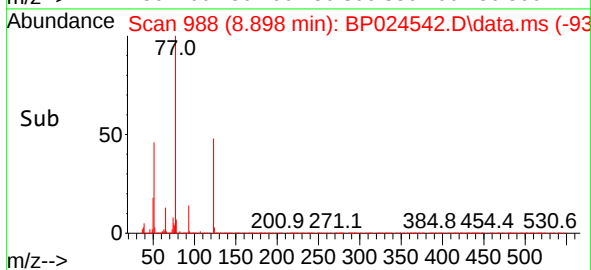
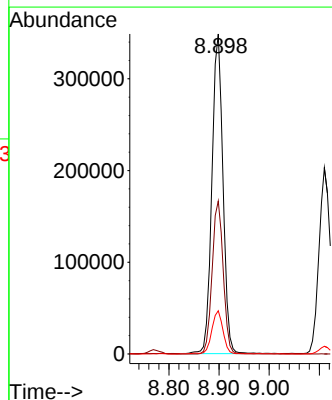
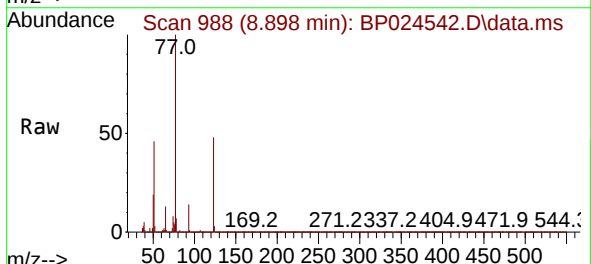
Instrument :
BNA_P
ClientSampleId :
PB167847BS

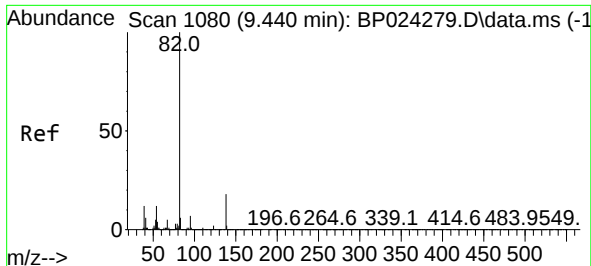
Tgt Ion: 82 Resp: 1054066
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 47.4 33.4 50.2



#24
Nitrobenzene
Concen: 44.593 ng
RT: 8.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 77 Resp: 535257
Ion Ratio Lower Upper
77 100
123 47.8 39.2 58.8
65 13.5 9.8 14.6

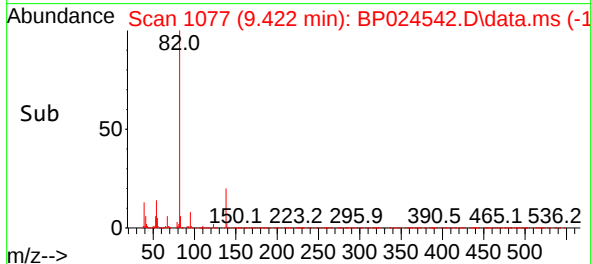
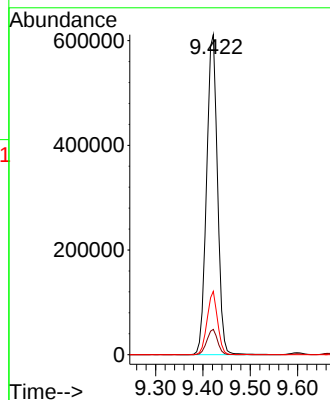
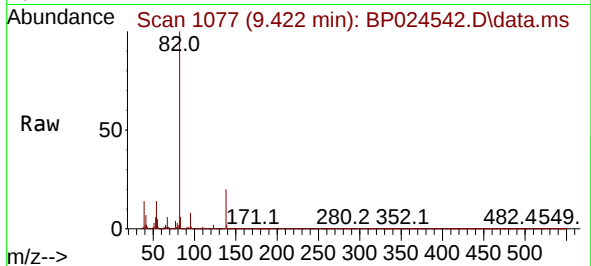




#25
Isophorone
Concen: 44.425 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

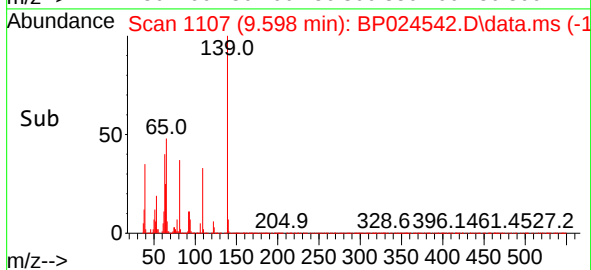
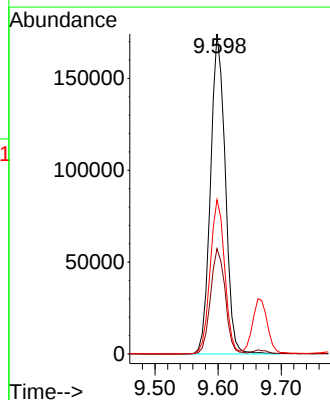
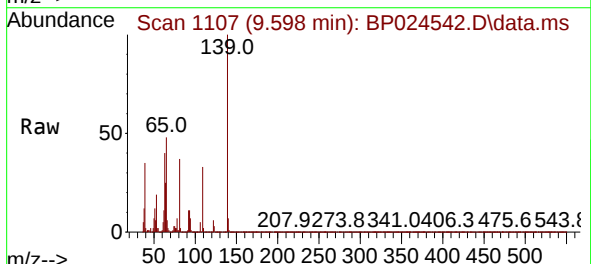
Instrument :
BNA_P
ClientSampleId :
PB167847BS

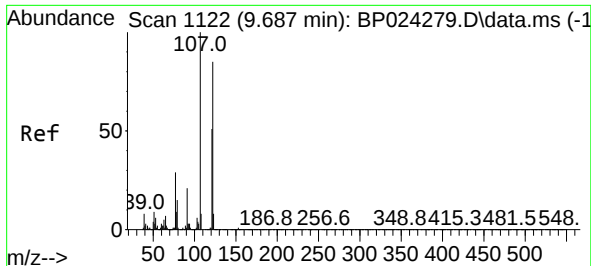
Tgt Ion: 82 Resp: 975688
Ion Ratio Lower Upper
82 100
95 7.9 5.4 8.2
138 19.8 14.4 21.6



#26
2-Nitrophenol
Concen: 48.045 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:139 Resp: 282218
Ion Ratio Lower Upper
139 100
109 32.9 21.8 32.6#
65 48.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 64.207 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

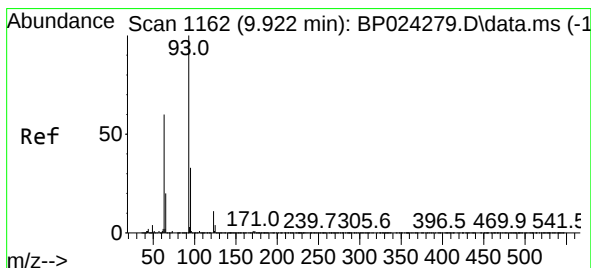
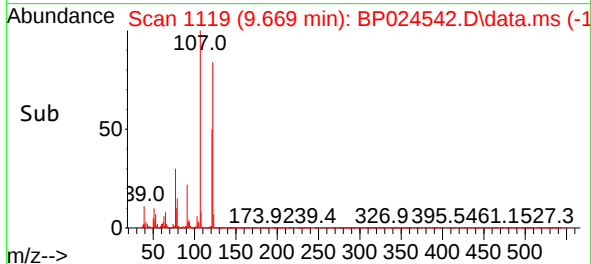
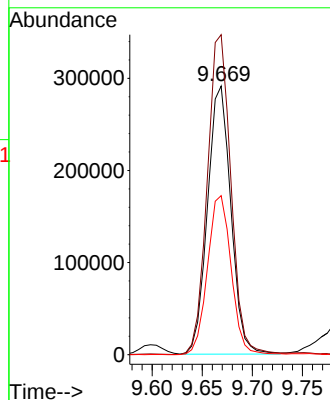
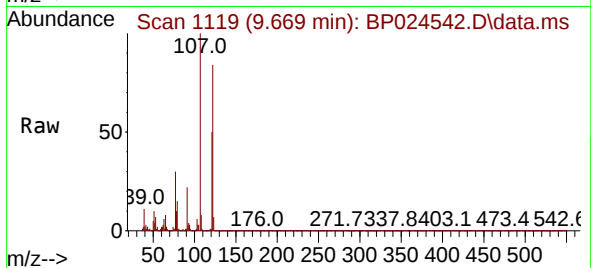
Tgt Ion:122 Resp: 473564

Ion Ratio Lower Upper

122 100

107 119.1 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 41.045 ng

RT: 9.892 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

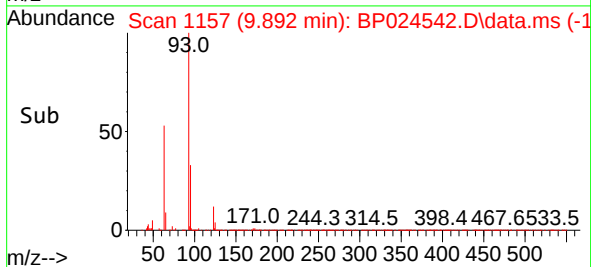
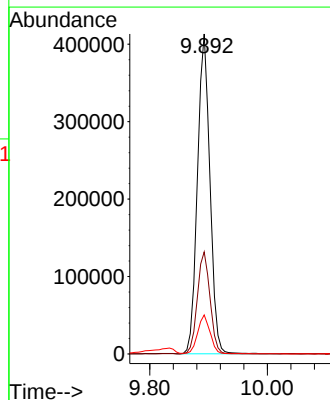
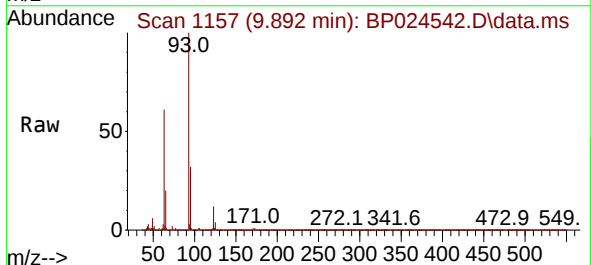
Tgt Ion: 93 Resp: 608966

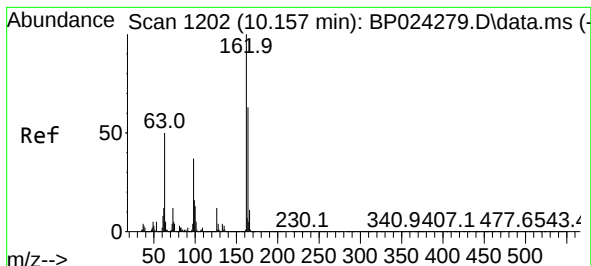
Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.190 ng

RT: 10.139 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

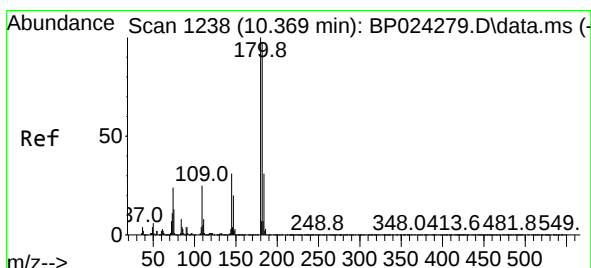
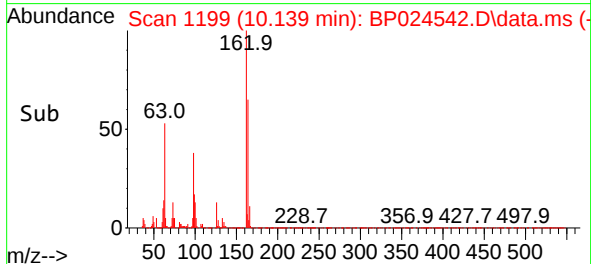
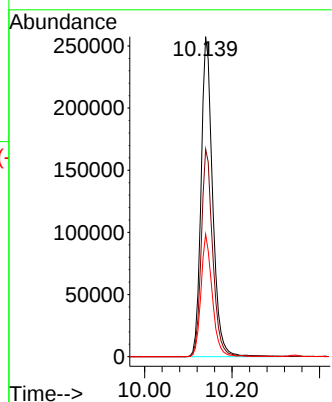
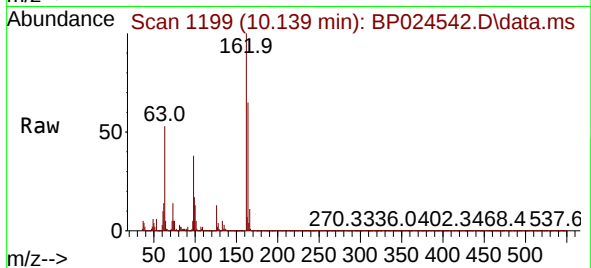
Tgt Ion:162 Resp: 474574

Ion Ratio Lower Upper

162 100

164 64.9 43.3 83.3

98 38.3 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 46.588 ng

RT: 10.339 min Scan# 1233

Delta R.T. -0.024 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

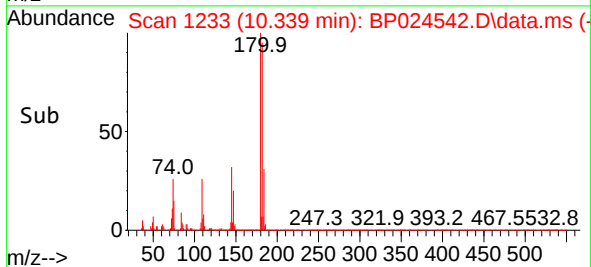
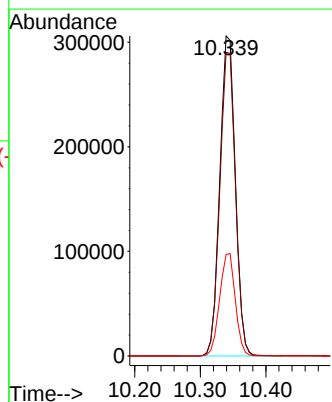
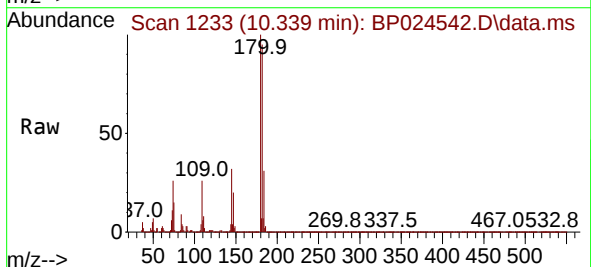
Tgt Ion:180 Resp: 501979

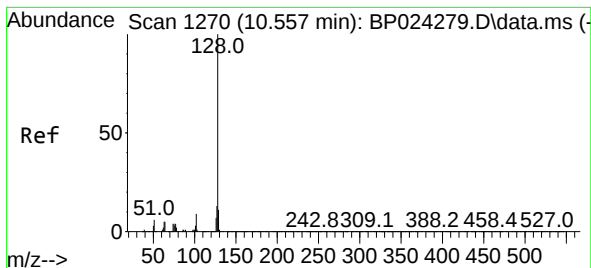
Ion Ratio Lower Upper

180 100

182 94.9 77.3 115.9

145 31.7 25.1 37.7

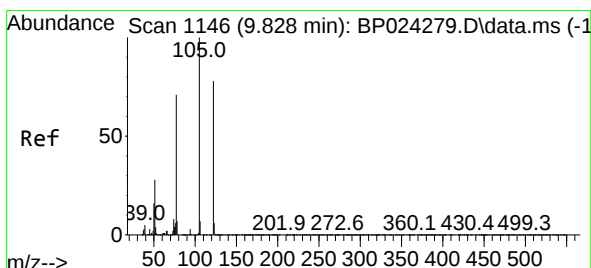
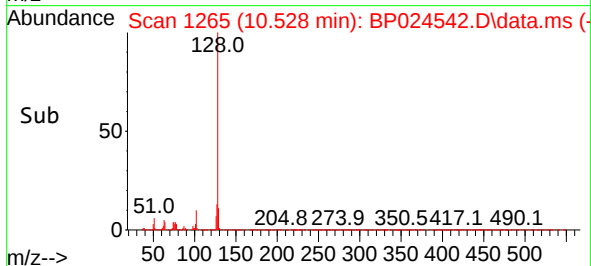
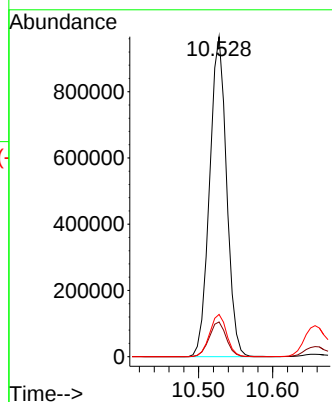
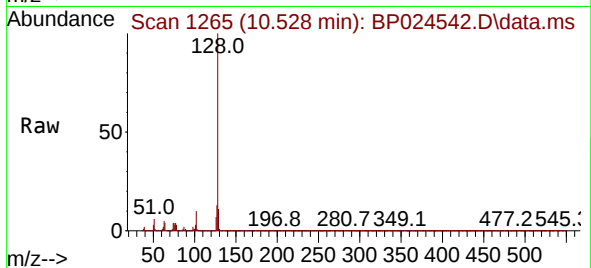




#31
Naphthalene
Concen: 42.232 ng
RT: 10.528 min Scan# 1126
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

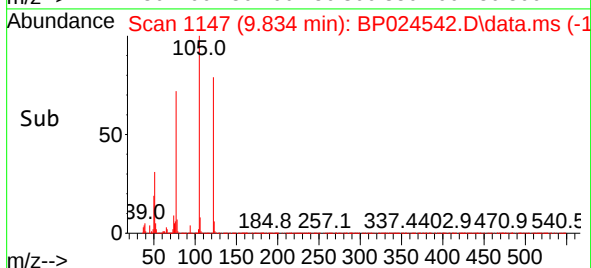
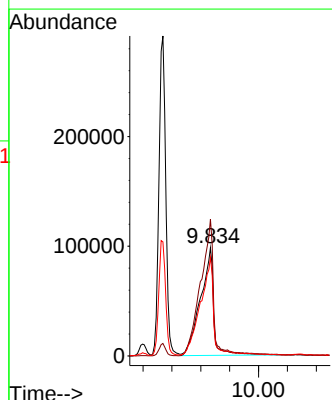
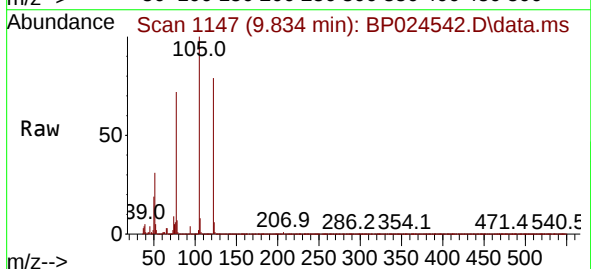
Instrument :
BNA_P
ClientSampleId :
PB167847BS

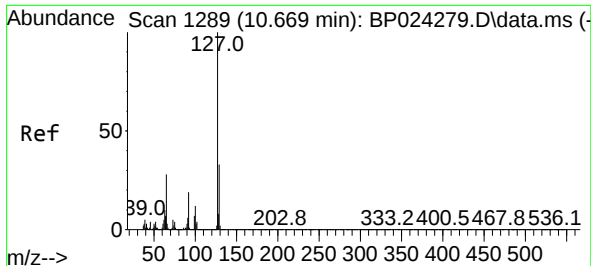
Tgt Ion:128 Resp: 1539140
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 36.364 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:122 Resp: 312517
Ion Ratio Lower Upper
122 100
105 126.5 104.8 144.8
77 91.3 69.2 109.2

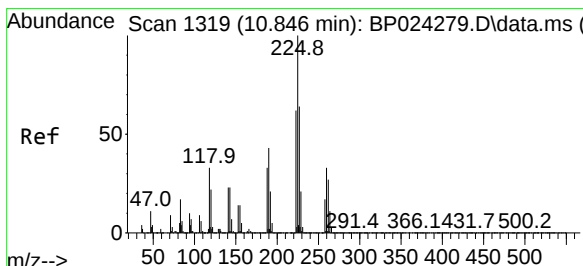
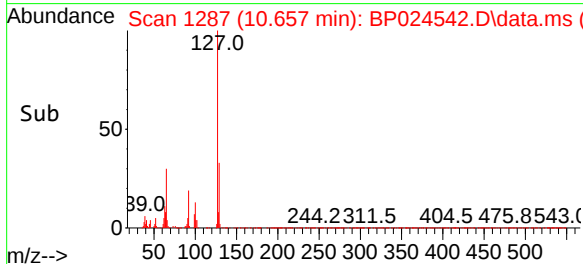
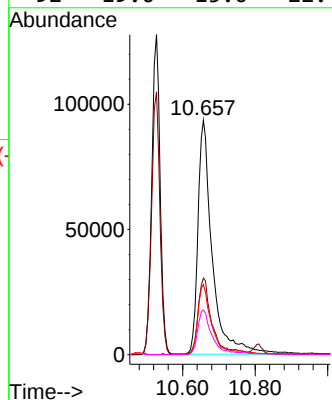
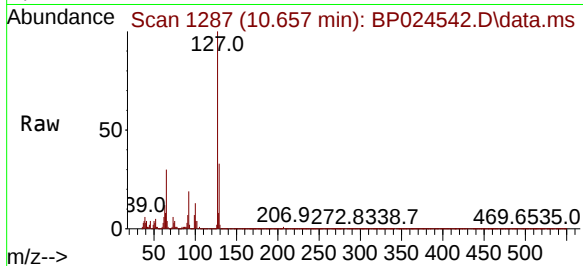




#33
4-Chloroaniline
Concen: 19.975 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

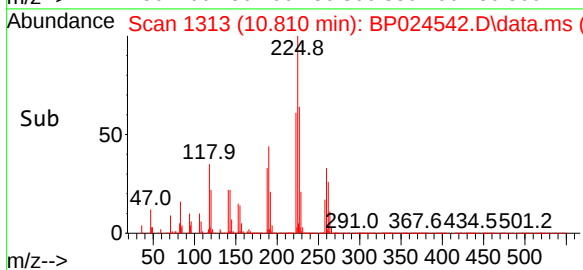
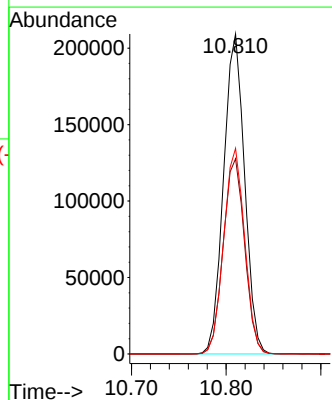
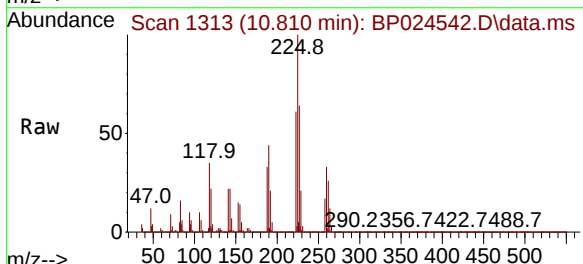
Instrument :
BNA_P
ClientSampleId :
PB167847BS

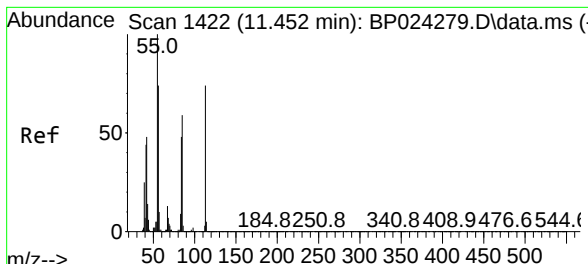
Tgt Ion:	127	Resp:	256371
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	29.9	22.1	33.1
92	19.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 50.957 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:	225	Resp:	322640
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.5	74.3
227	64.3	50.9	76.3



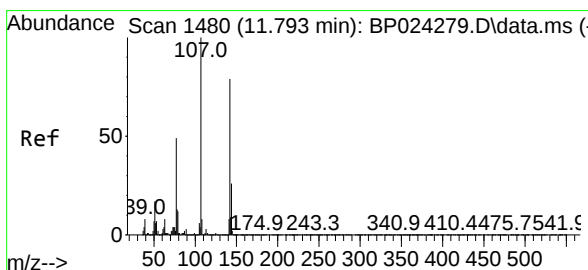
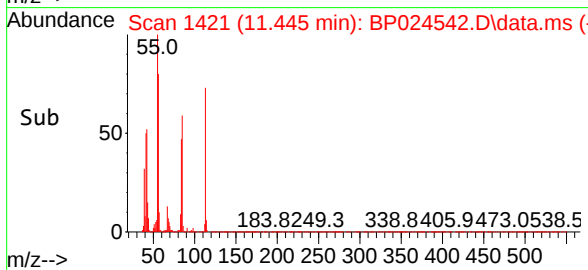
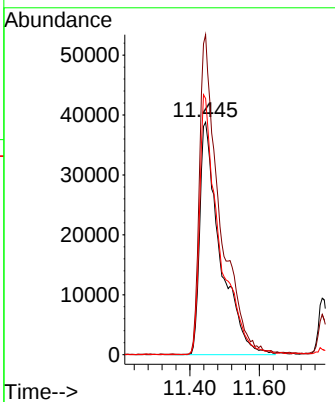
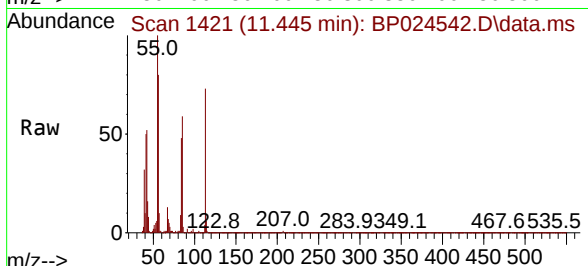


#35
 Caprolactam
 Concen: 42.367 ng
 RT: 11.445 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Tgt Ion:113 Resp: 157211

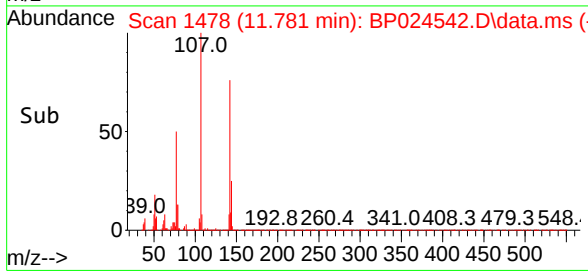
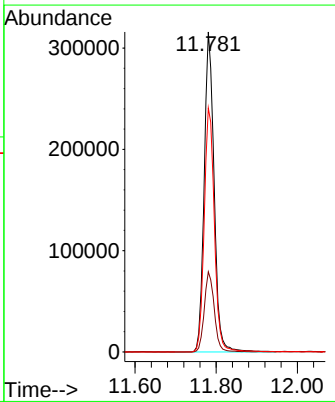
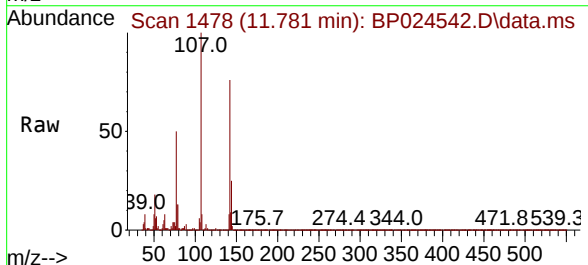
Ion	Ratio	Lower	Upper
113	100		
55	137.6	115.9	155.9
56	110.2	81.1	121.1

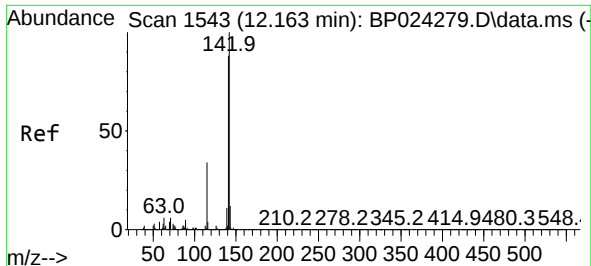


#36
 4-Chloro-3-methylphenol
 Concen: 45.543 ng
 RT: 11.781 min Scan# 1478
 Delta R.T. -0.012 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

Tgt Ion:107 Resp: 533476

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	76.2	63.4	95.2

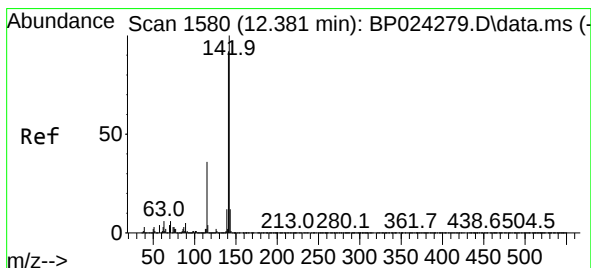
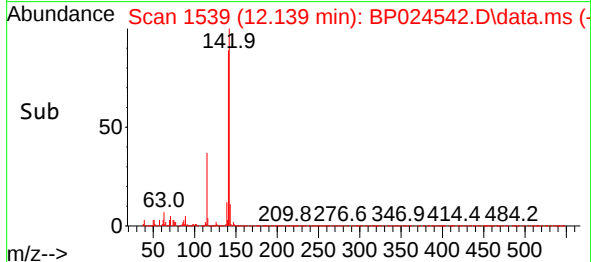
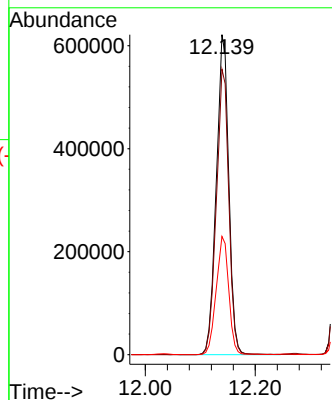
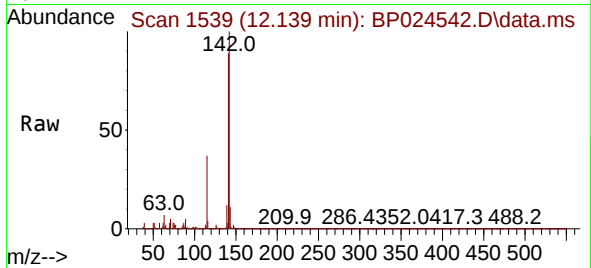




#37
2-Methylnaphthalene
Concen: 38.652 ng
RT: 12.139 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

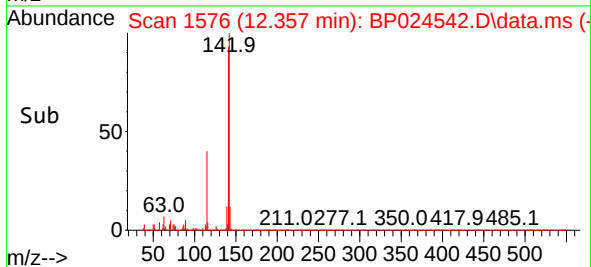
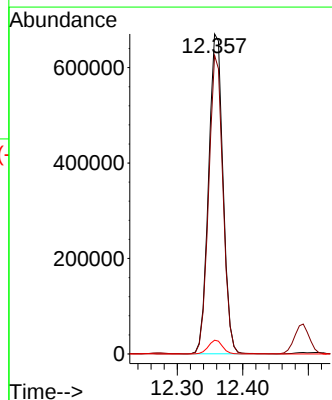
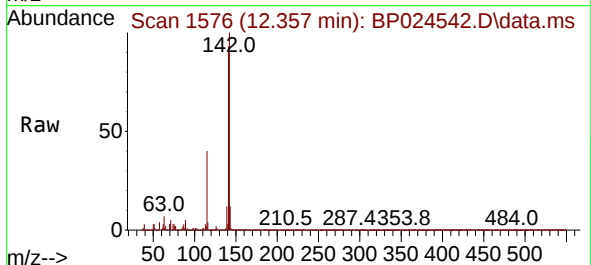
Instrument :
BNA_P
ClientSampleId :
PB167847BS

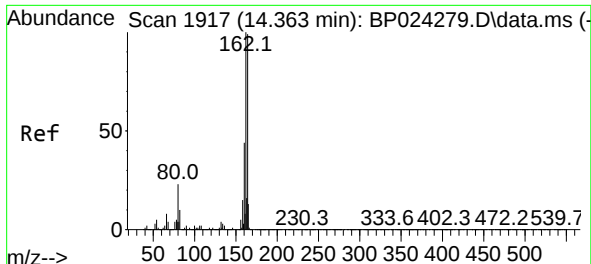
Tgt Ion:142 Resp: 976938
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 37.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.413 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:142 Resp: 1023990
Ion Ratio Lower Upper
142 100
141 93.3 73.6 110.4
116 4.3 3.0 4.6

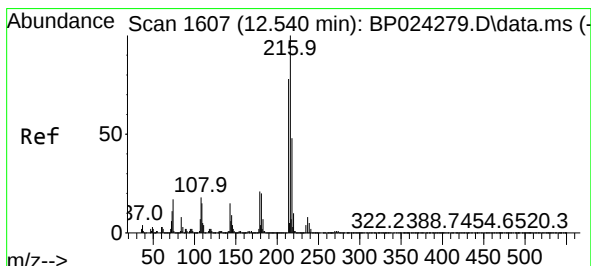
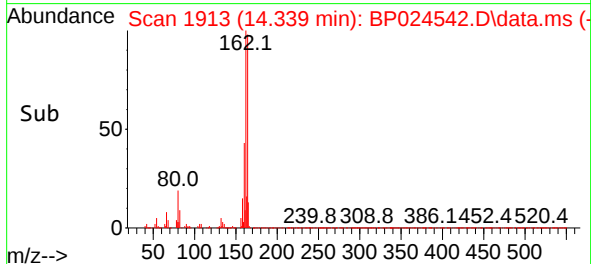
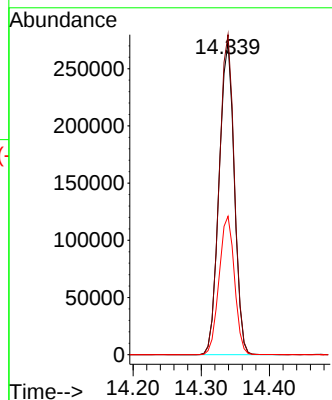
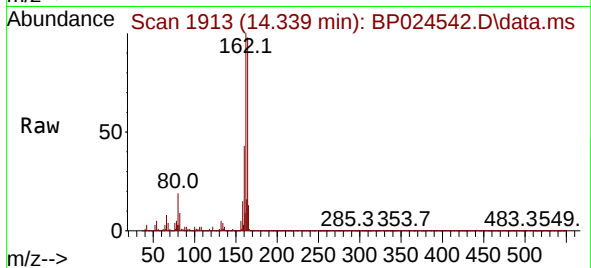




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

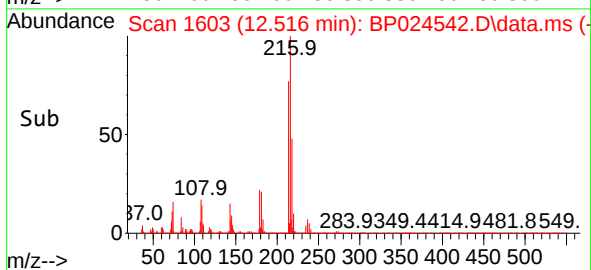
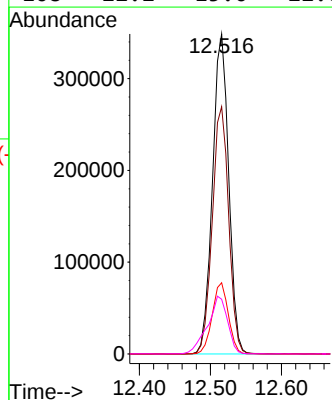
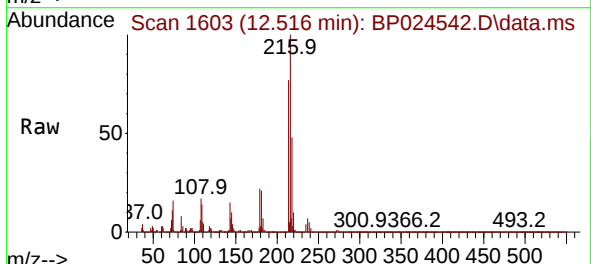
Instrument :
BNA_P
ClientSampleId :
PB167847BS

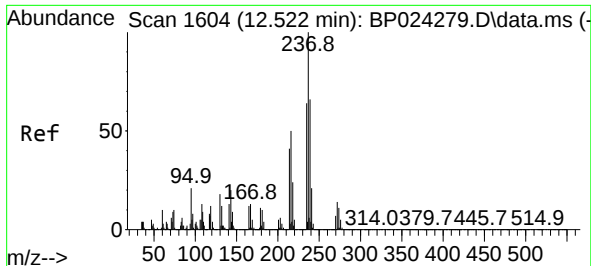
Tgt Ion:164 Resp: 422844
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.384 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:216 Resp: 550991
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 22.3 17.2 25.8
108 22.2 15.0 22.6

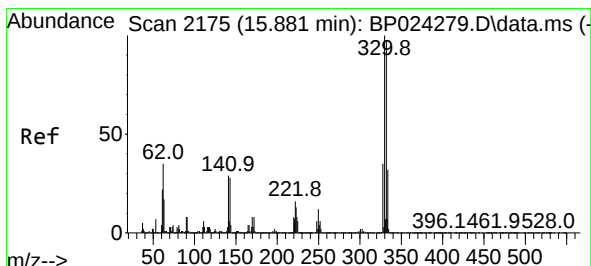
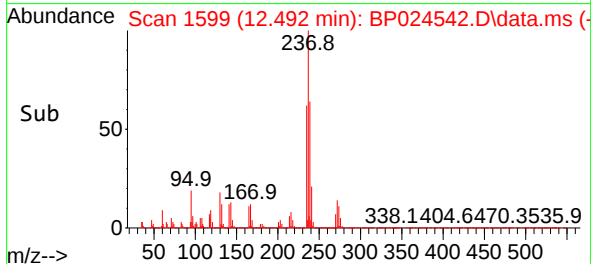
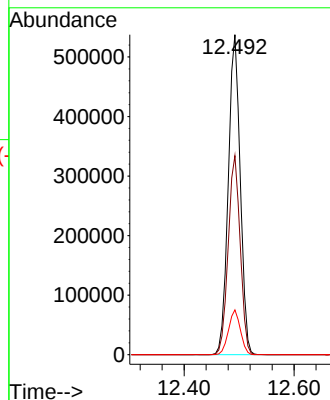
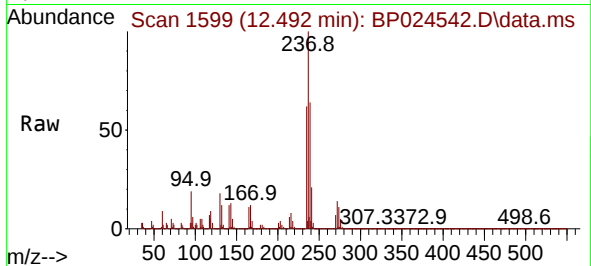




#41
Hexachlorocyclopentadiene
Concen: 197.113 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

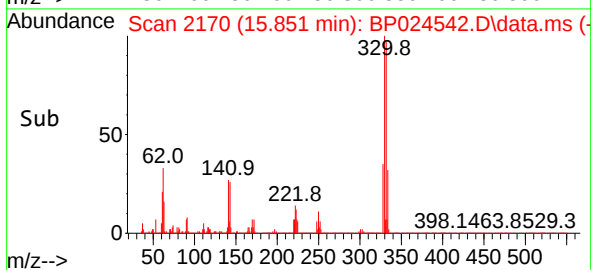
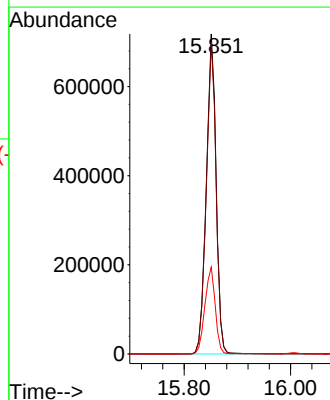
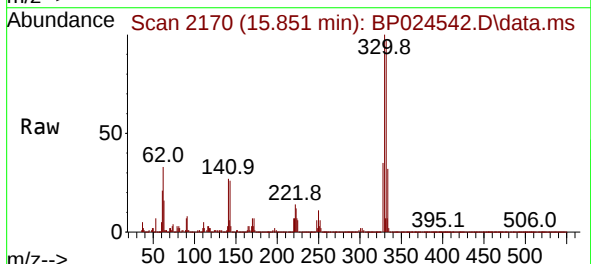
Instrument :
BNA_P
ClientSampleId :
PB167847BS

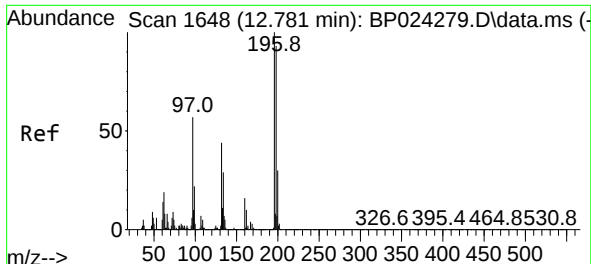
Tgt Ion:237 Resp: 810647
Ion Ratio Lower Upper
237 100
235 62.2 43.9 83.9
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 156.525 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:330 Resp: 915714
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 28.6 24.7 37.1

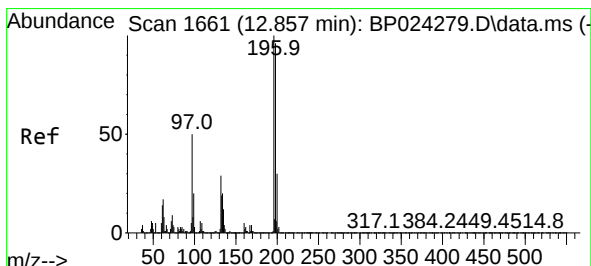
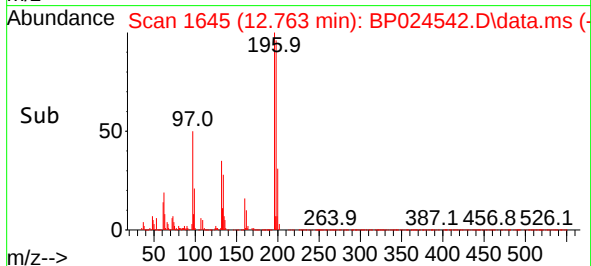
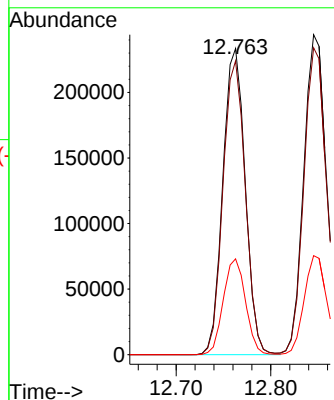
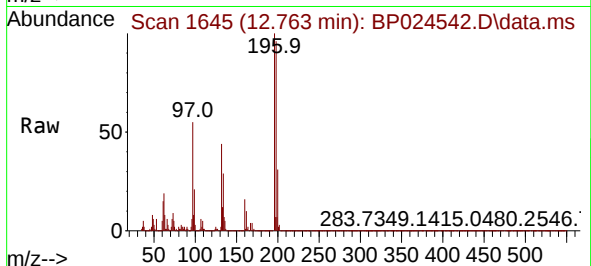




#43
2,4,6-Trichlorophenol
Concen: 49.619 ng
RT: 12.763 min Scan# 1645
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

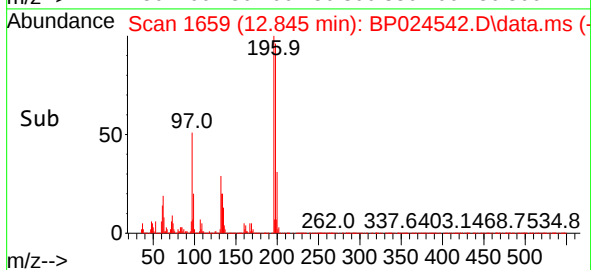
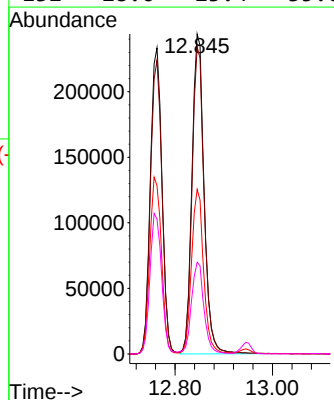
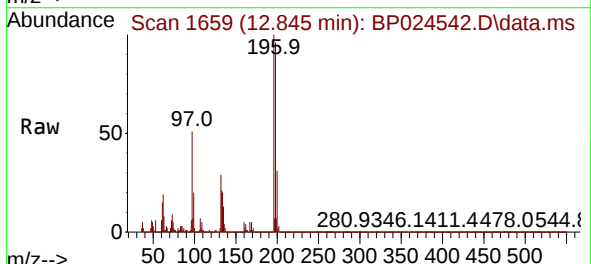
Instrument :
BNA_P
ClientSampleId :
PB167847BS

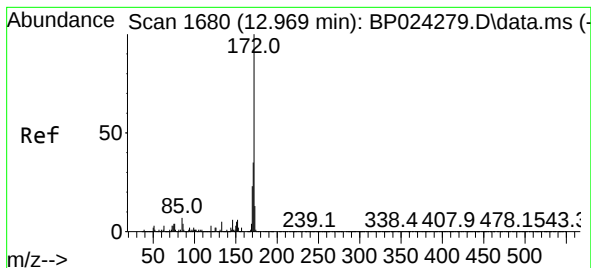
Tgt Ion:196 Resp: 383614
Ion Ratio Lower Upper
196 100
198 96.0 74.3 111.5
200 31.3 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.437 ng
RT: 12.845 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:196 Resp: 423238
Ion Ratio Lower Upper
196 100
198 95.9 77.3 115.9
97 51.4 40.4 60.6
132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 89.587 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

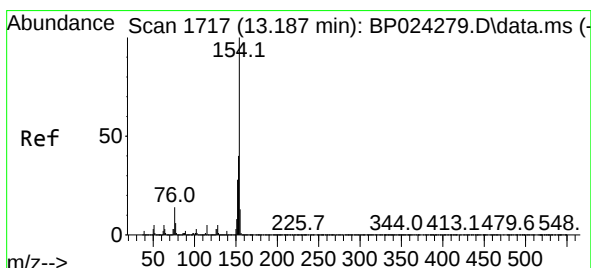
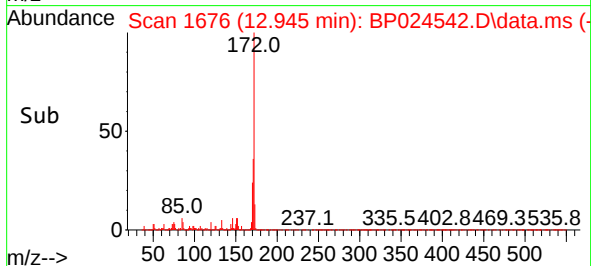
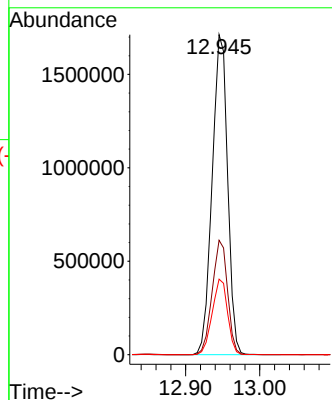
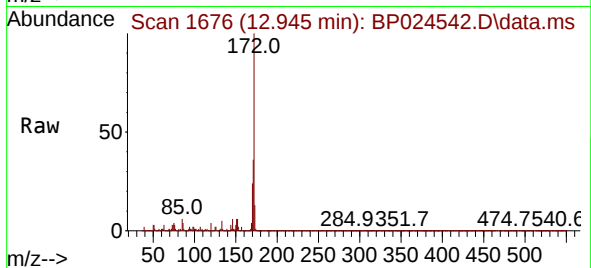
Tgt Ion:172 Resp: 2474114

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.974 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

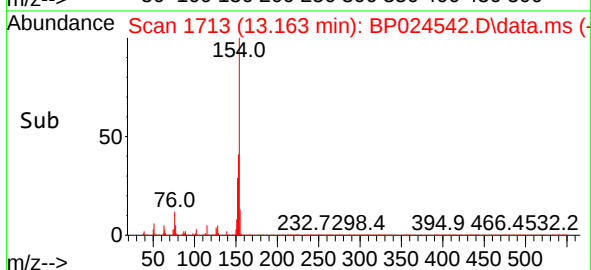
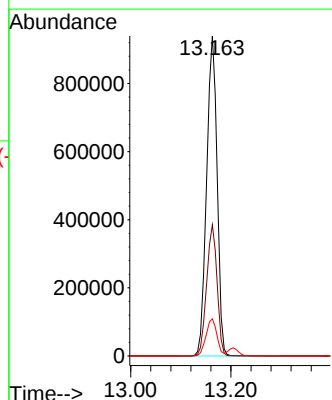
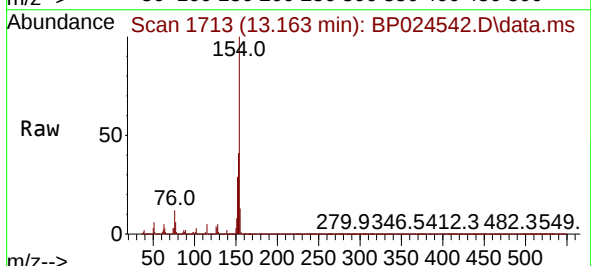
Tgt Ion:154 Resp: 1366759

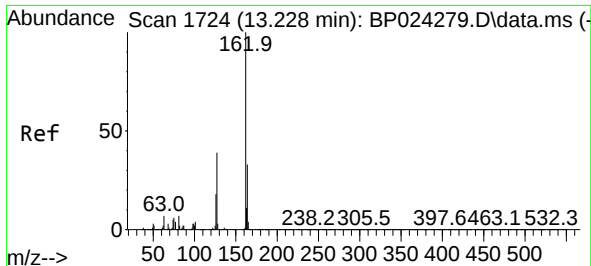
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 11.6 0.0 33.5

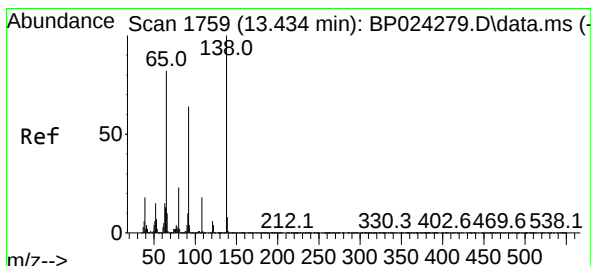
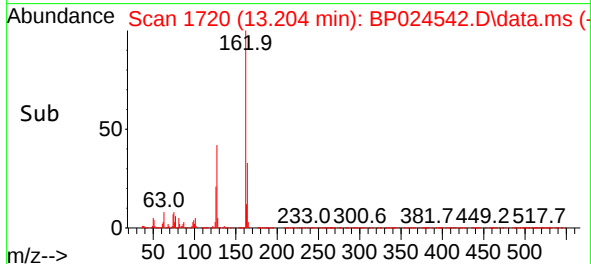
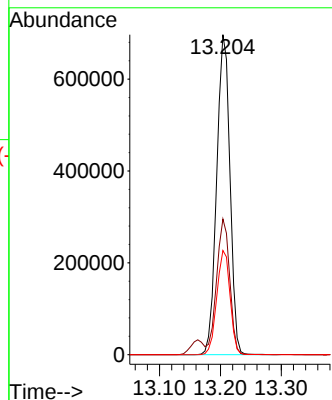
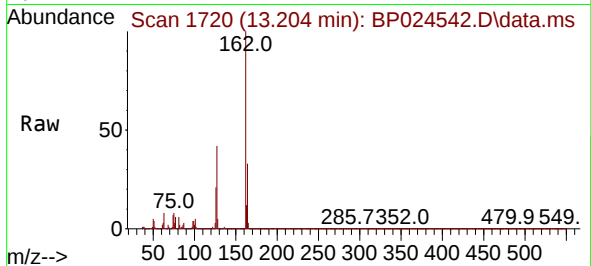




#47
2-Chloronaphthalene
Concen: 45.238 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

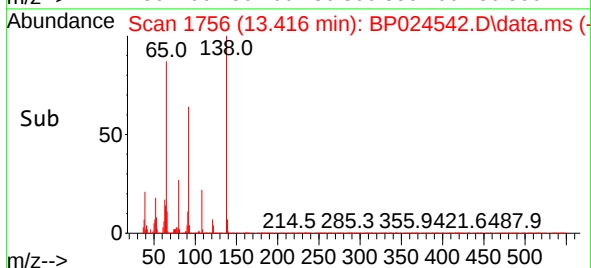
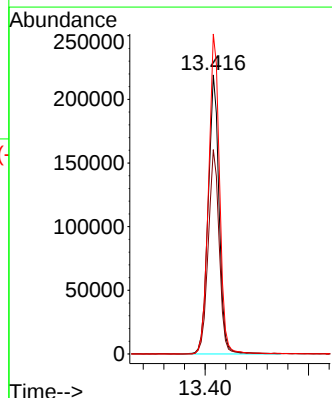
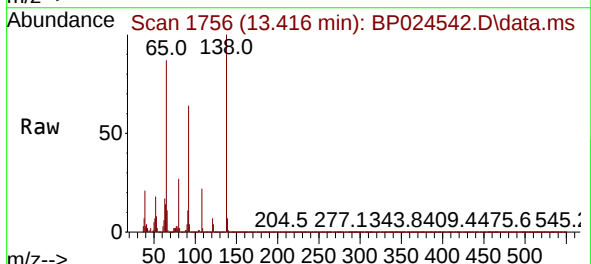
Instrument :
BNA_P
ClientSampleId :
PB167847BS

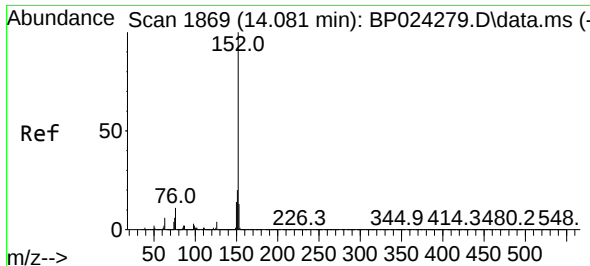
Tgt Ion:162 Resp: 1050859
Ion Ratio Lower Upper
162 100
127 42.4 31.9 47.9
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 49.408 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 65 Resp: 321945
Ion Ratio Lower Upper
65 100
92 73.2 62.3 93.5
138 114.7 97.2 145.8

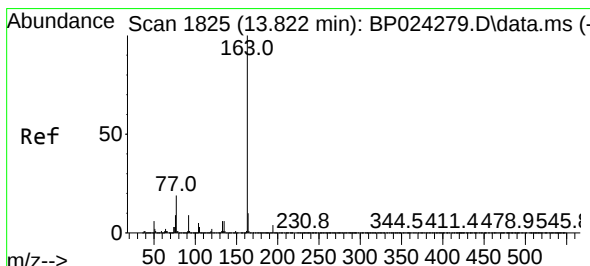
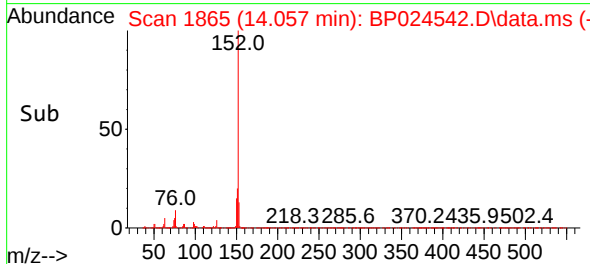
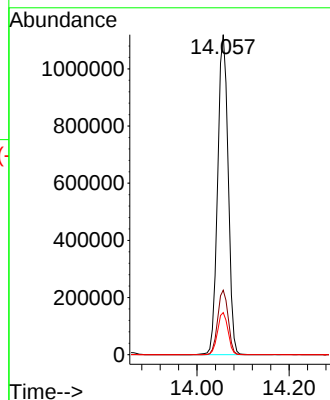
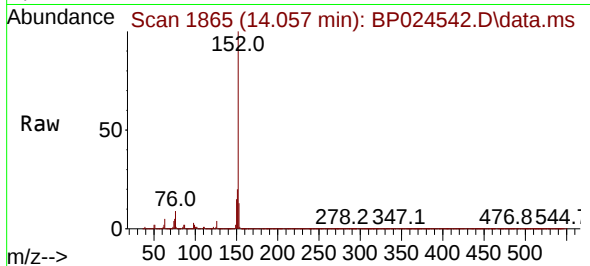




#49
Acenaphthylene
Concen: 48.176 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

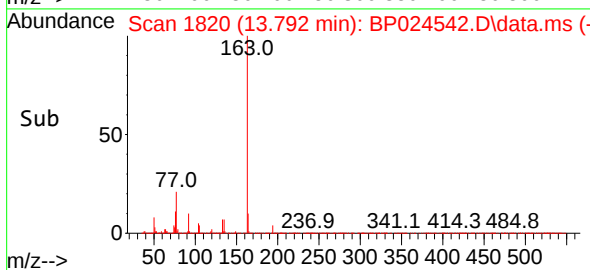
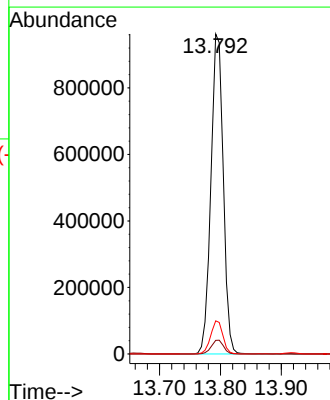
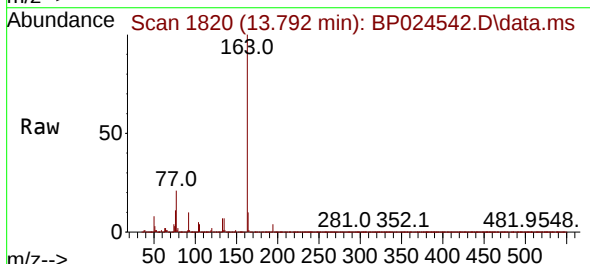
Instrument :
BNA_P
ClientSampleId :
PB167847BS

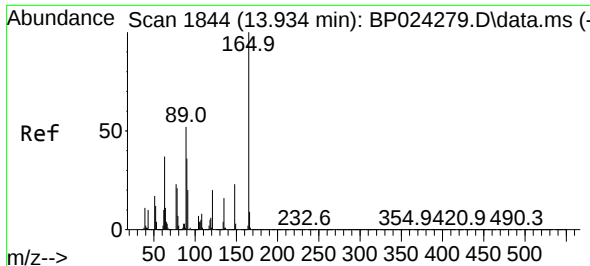
Tgt Ion:152 Resp: 1761971
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.119 ng
RT: 13.792 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:163 Resp: 1356648
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.0 12.0

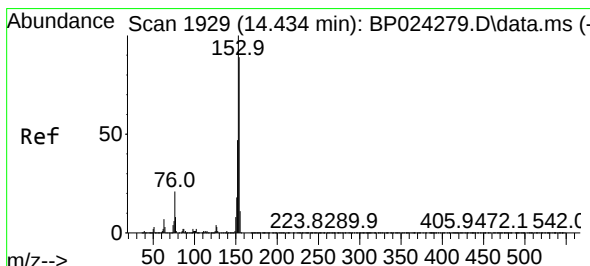
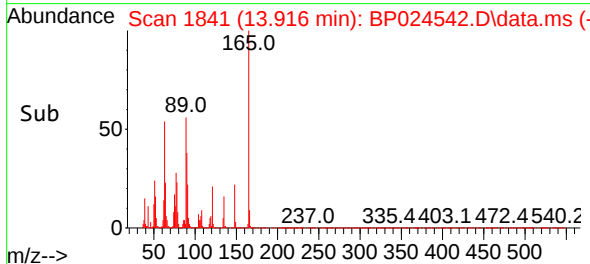
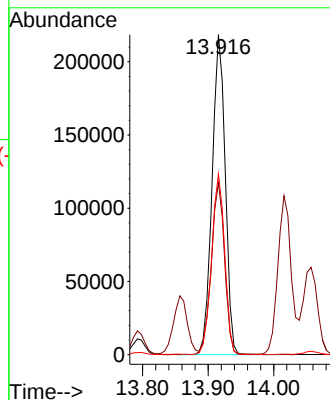
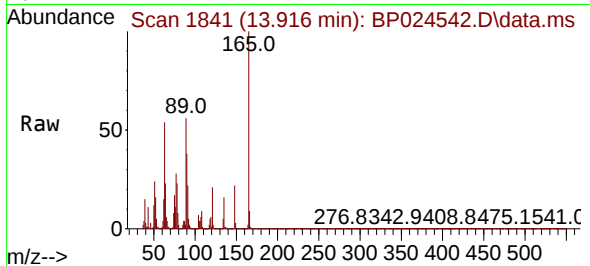




#51
2,6-Dinitrotoluene
Concen: 46.710 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

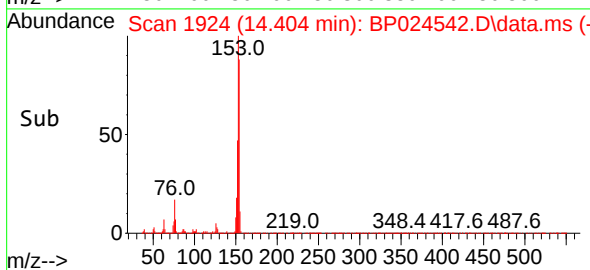
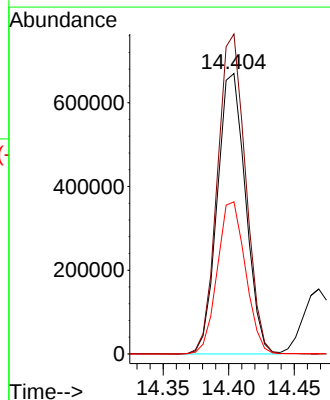
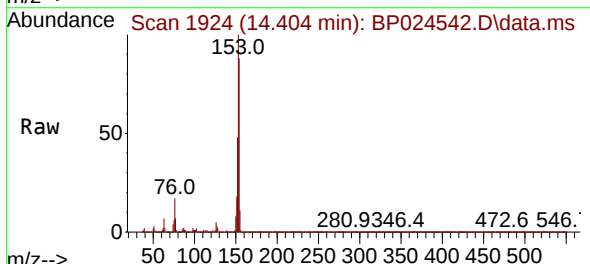
Instrument :
BNA_P
ClientSampleId :
PB167847BS

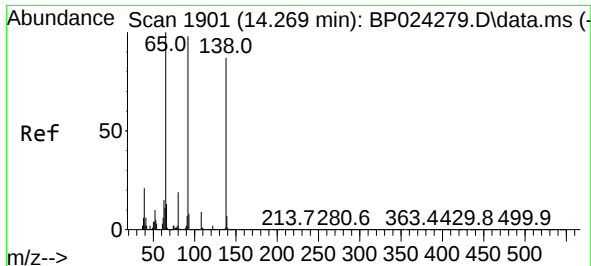
Tgt Ion:165 Resp: 305004
Ion Ratio Lower Upper
165 100
63 53.7 38.0 57.0
89 56.4 41.7 62.5



#52
Acenaphthene
Concen: 43.286 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:154 Resp: 1003647
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.6
152 54.2 42.6 63.8

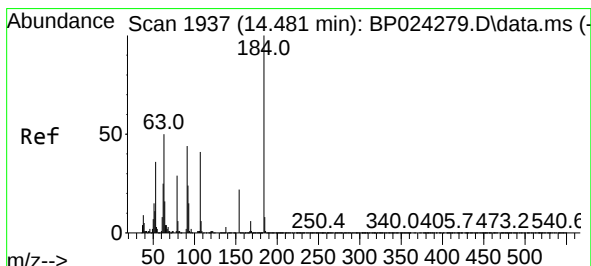
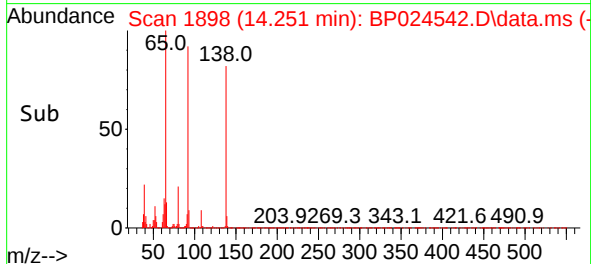
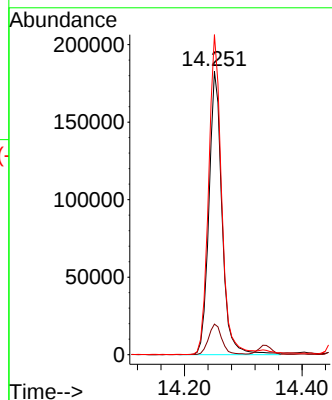
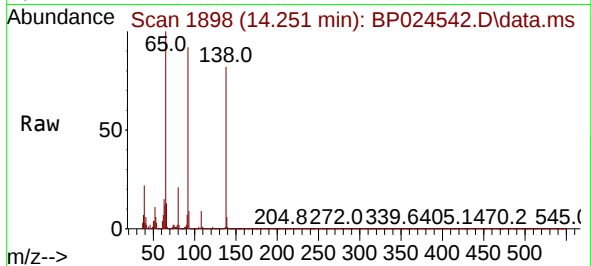




#53
3-Nitroaniline
Concen: 41.226 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

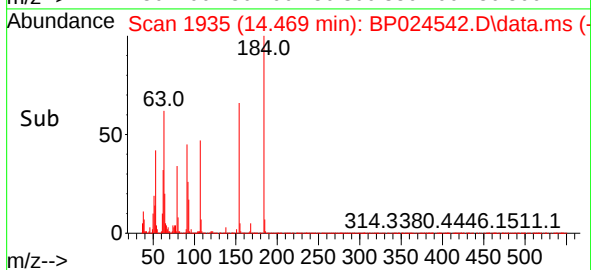
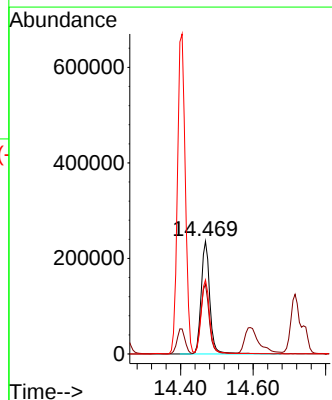
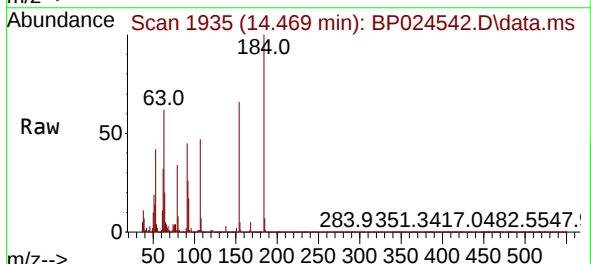
Instrument :
BNA_P
ClientSampleId :
PB167847BS

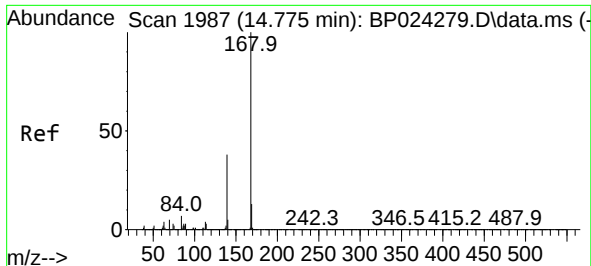
Tgt Ion:138 Resp: 282927
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 112.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 101.407 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:184 Resp: 390043
Ion Ratio Lower Upper
184 100
63 62.1 42.6 64.0
154 65.8 47.2 70.8

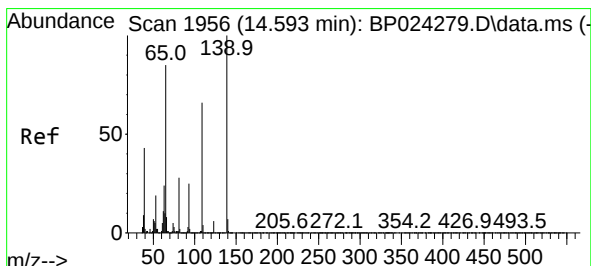
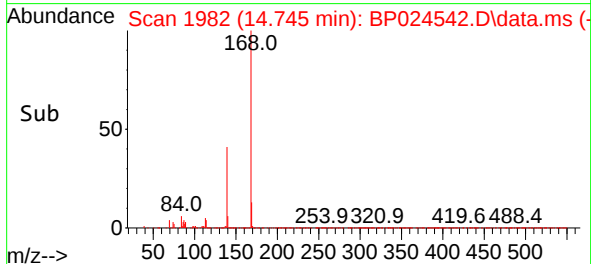
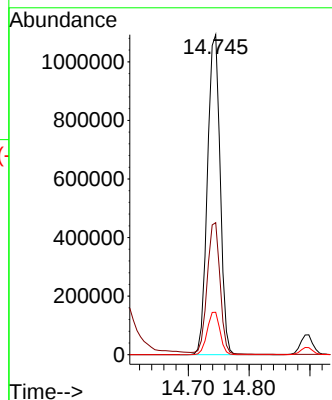
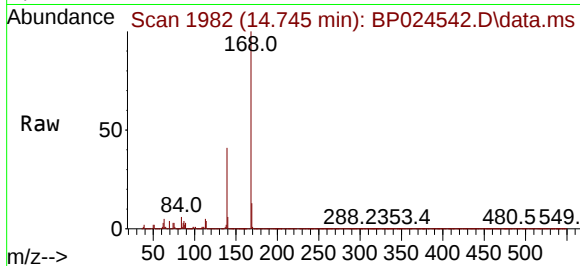




#55
Dibenzofuran
Concen: 41.709 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

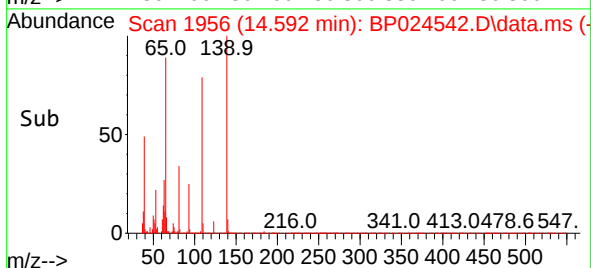
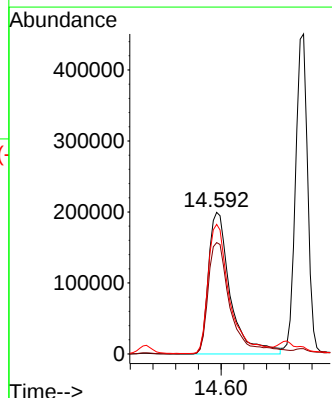
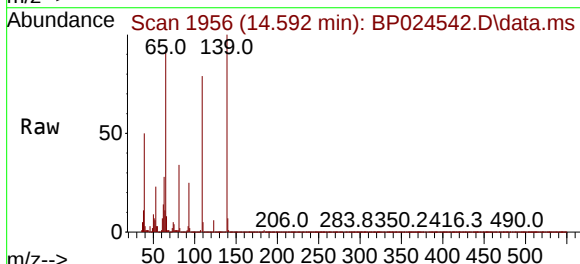
Instrument :
BNA_P
ClientSampleId :
PB167847BS

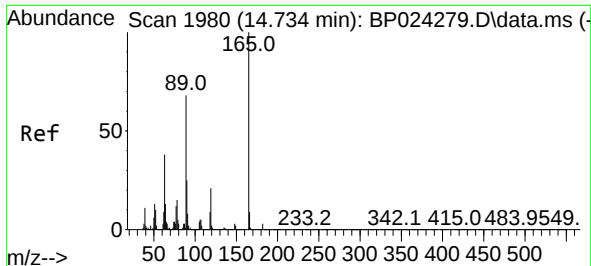
Tgt Ion:168 Resp: 1580758
Ion Ratio Lower Upper
168 100
139 41.3 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 89.691 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:139 Resp: 531606
Ion Ratio Lower Upper
139 100
109 78.6 46.1 86.1
65 91.5 65.0 105.0

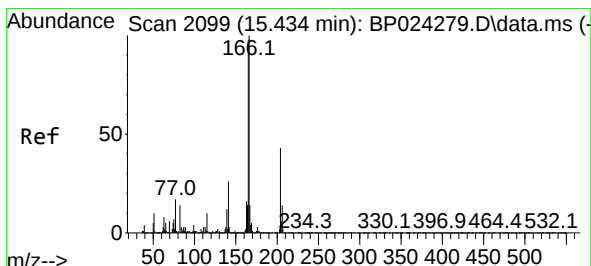
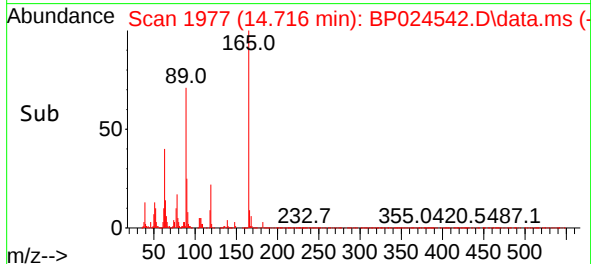
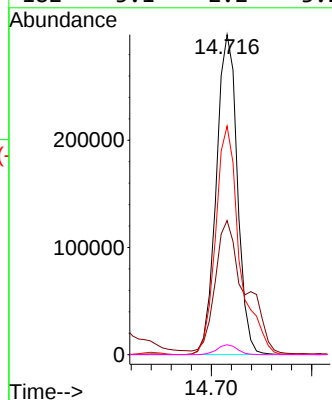
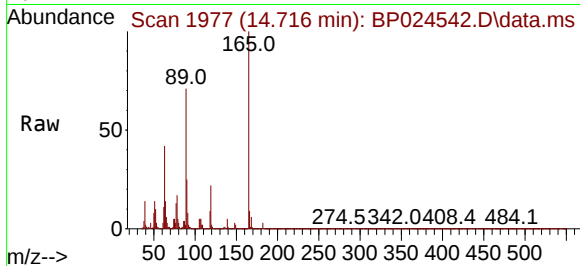




#57
2,4-Dinitrotoluene
Concen: 48.782 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

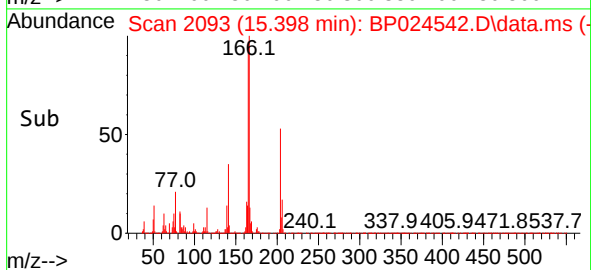
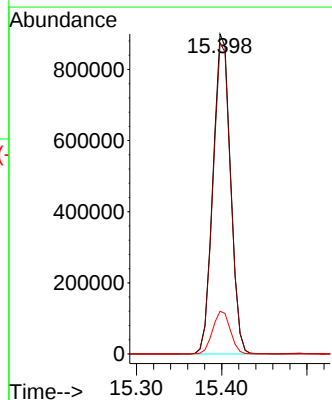
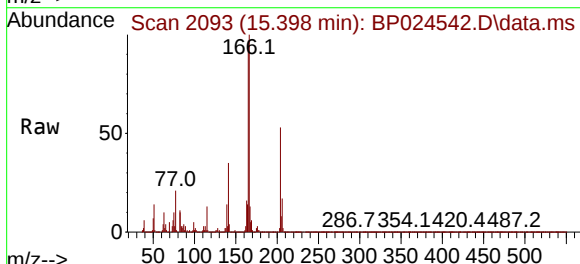
Instrument :
BNA_P
ClientSampleId :
PB167847BS

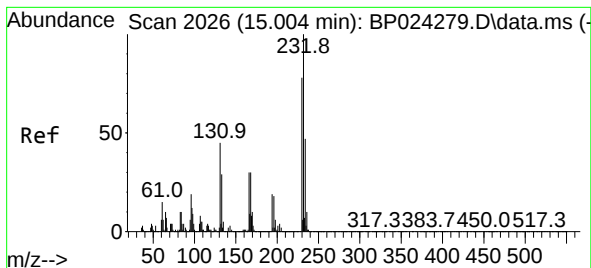
Tgt Ion:165 Resp: 434511
Ion Ratio Lower Upper
165 100
63 41.9 30.4 45.6
89 71.4 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 43.631 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:166 Resp: 1280105
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.4 10.9 16.3

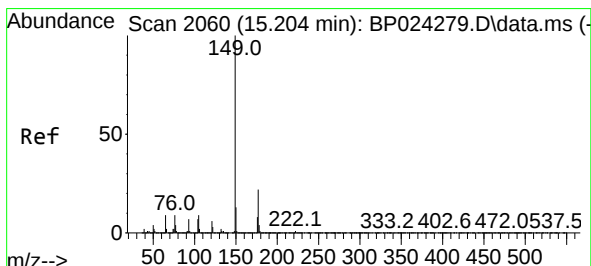
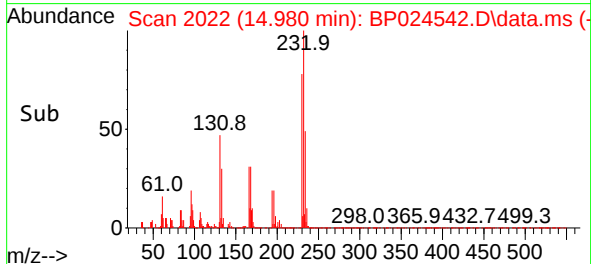
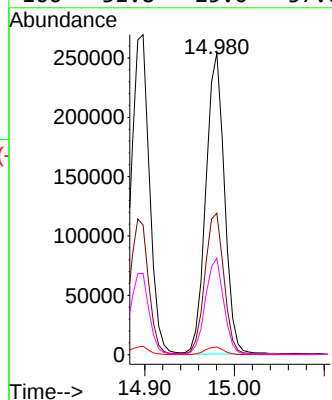
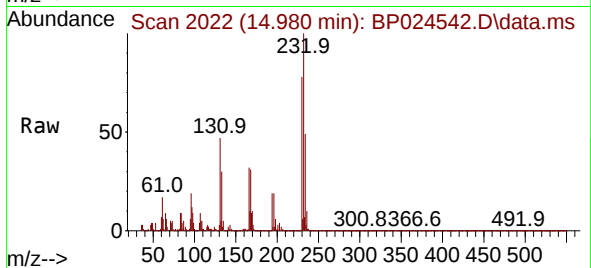




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.222 ng
RT: 14.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

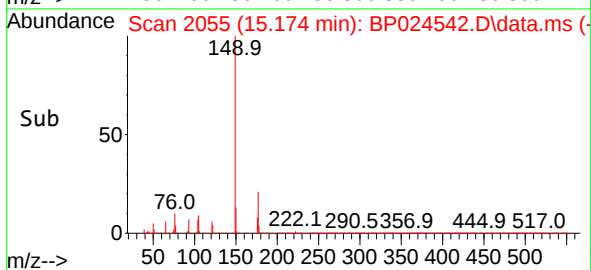
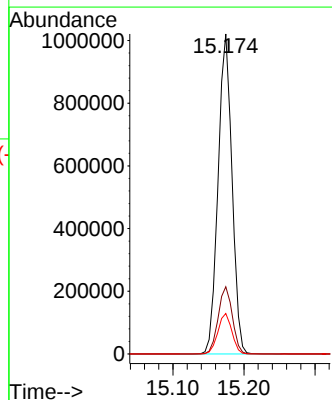
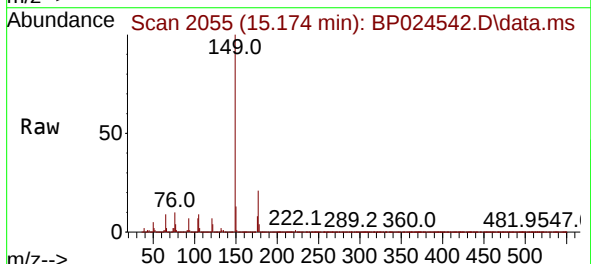
Instrument :
BNA_P
ClientSampleId :
PB167847BS

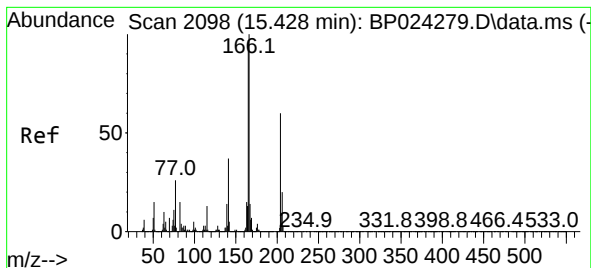
Tgt Ion:232 Resp: 364971
Ion Ratio Lower Upper
232 100
131 48.1 36.8 55.2
130 2.6 1.9 2.9
166 31.8 25.0 37.6



#60
Diethylphthalate
Concen: 43.608 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:149 Resp: 1381888
Ion Ratio Lower Upper
149 100
177 21.0 17.4 26.2
150 12.6 10.1 15.1

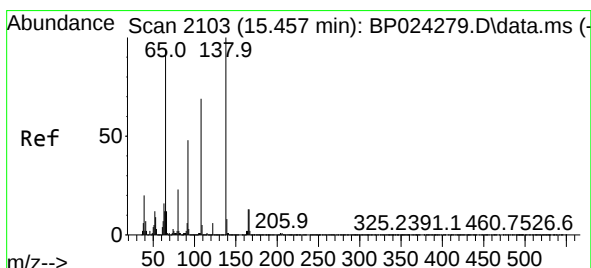
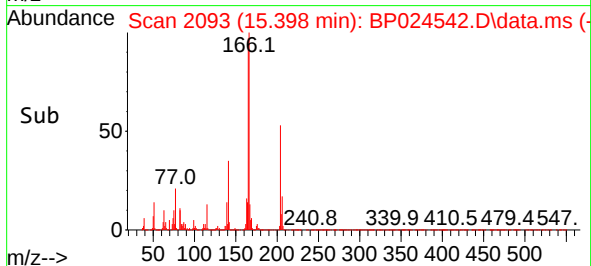
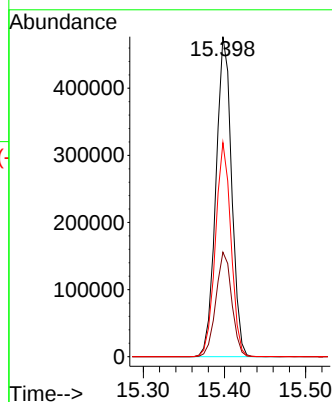
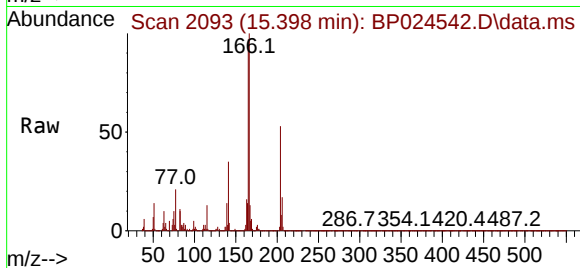




#61
4-Chlorophenyl-phenylether
Concen: 45.019 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

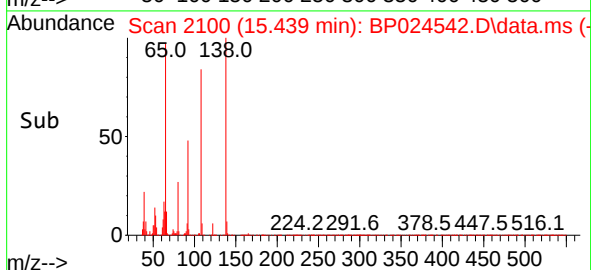
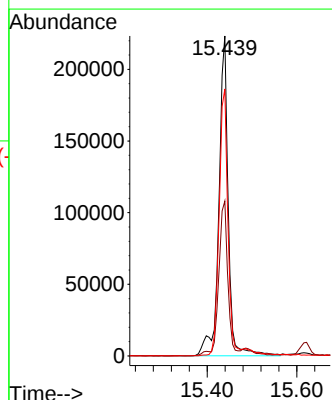
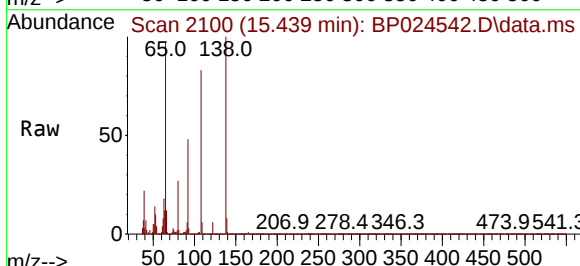
Instrument :
BNA_P
ClientSampleId :
PB167847BS

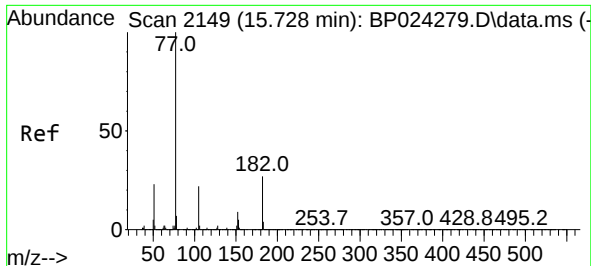
Tgt Ion:204 Resp: 641403
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.9 49.4 74.0



#62
4-Nitroaniline
Concen: 44.944 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:138 Resp: 326520
Ion Ratio Lower Upper
138 100
92 48.4 27.8 67.8
108 83.5 48.9 88.9



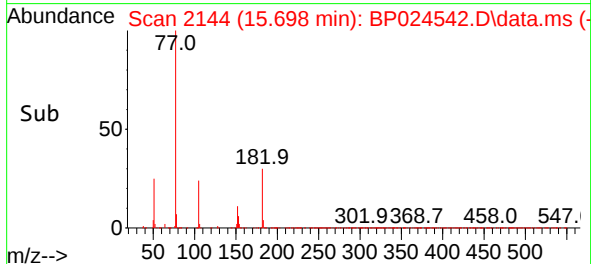
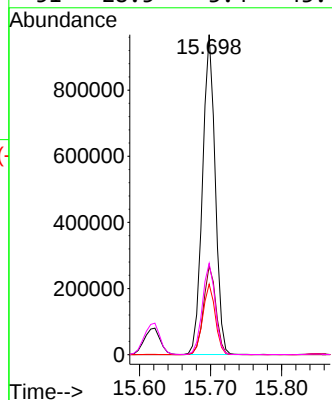
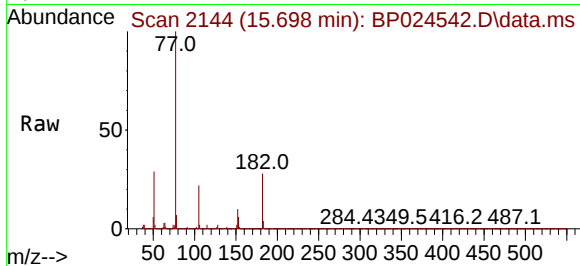


#63
Azobenzene
Concen: 41.307 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB167847BS

Tgt Ion: 77 Resp: 1203084

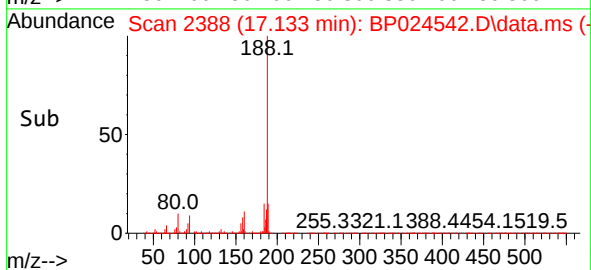
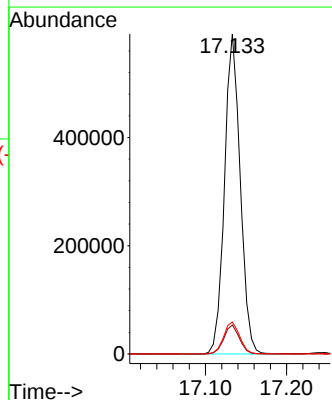
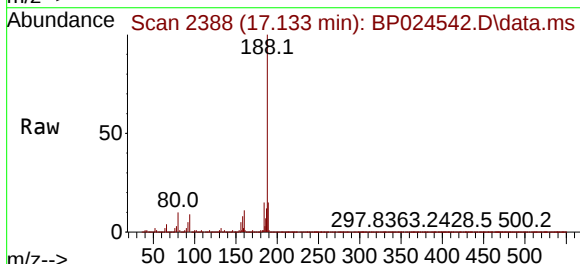
Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.3	47.3
105	22.0	2.3	42.3
51	28.5	3.4	43.4

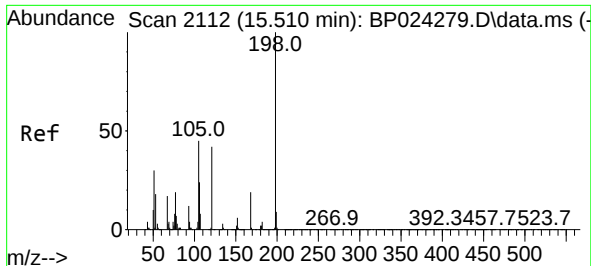


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion: 188 Resp: 796267

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	10.0	9.8	14.6

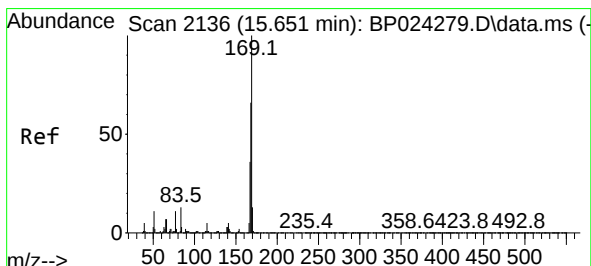
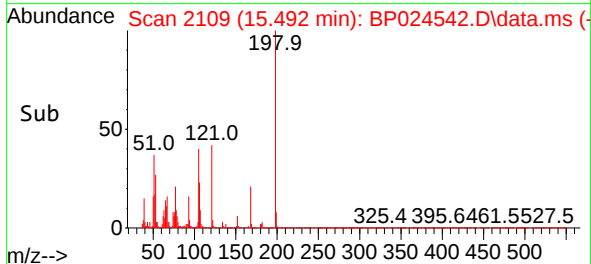
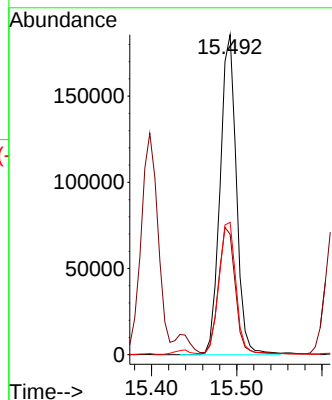
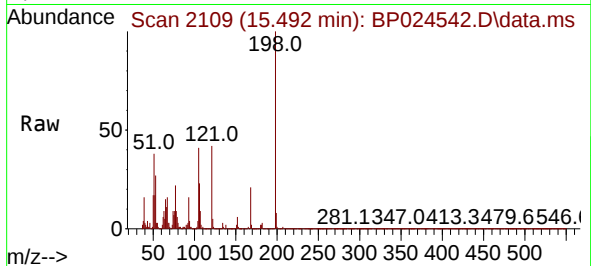




#65
4,6-Dinitro-2-methylphenol
Concen: 49.024 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

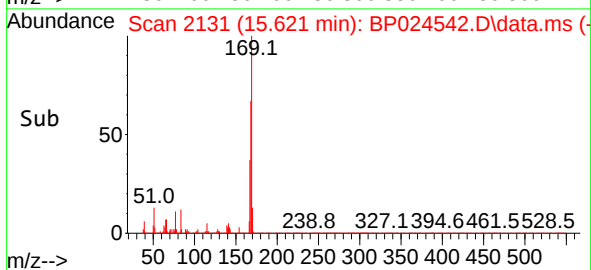
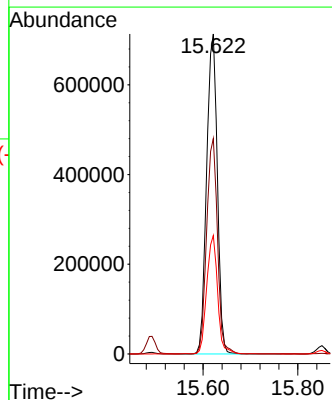
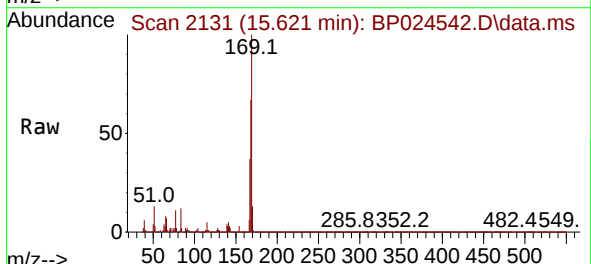
Instrument :
BNA_P
ClientSampleId :
PB167847BS

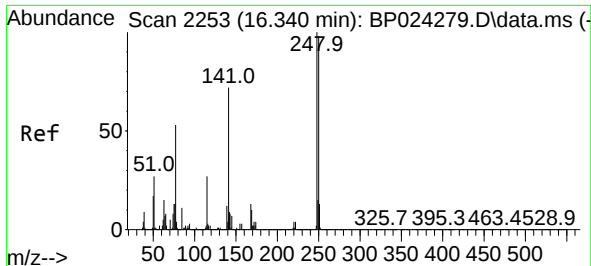
Tgt Ion:198 Resp: 246108
Ion Ratio Lower Upper
198 100
51 37.7 18.4 58.4
105 41.4 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.899 ng
RT: 15.621 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:169 Resp: 1114636
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 37.0 28.9 43.3

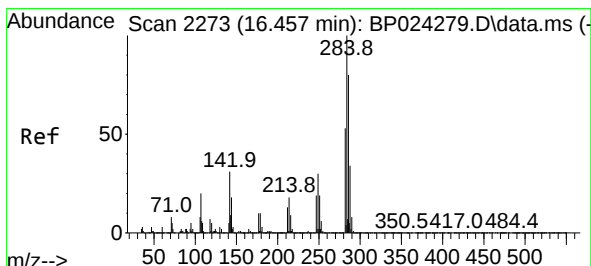
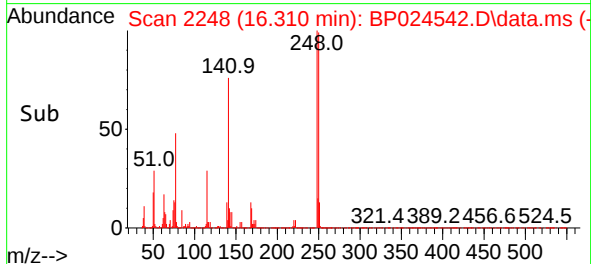
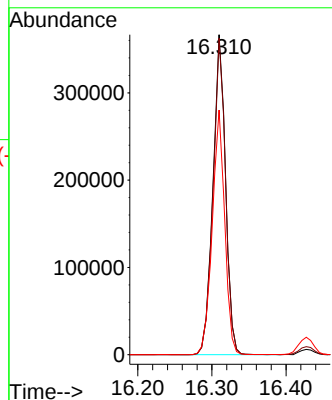
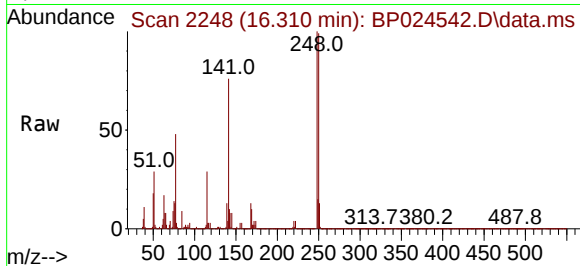




#67
4-Bromophenyl-phenylether
Concen: 49.692 ng
RT: 16.310 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

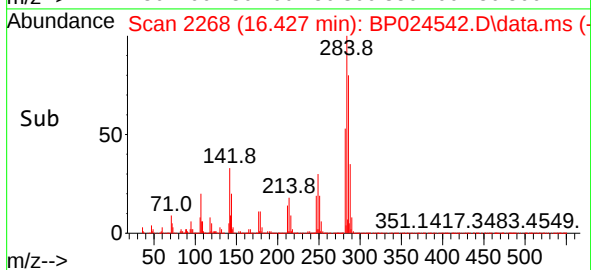
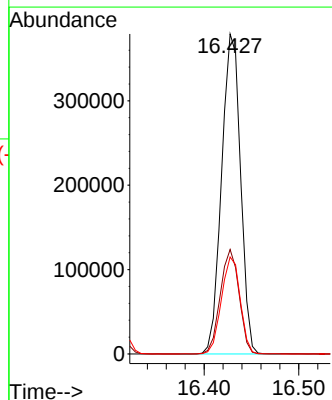
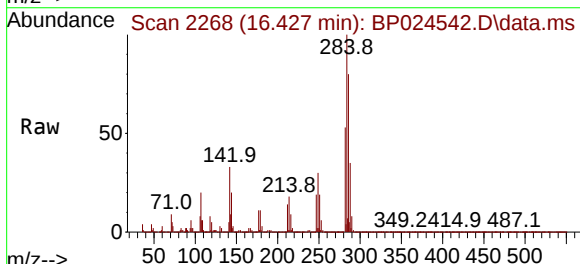
Instrument :
BNA_P
ClientSampleId :
PB167847BS

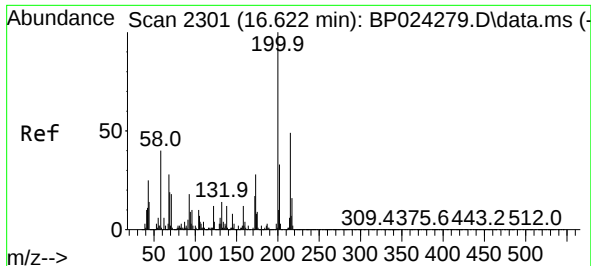
Tgt Ion:248 Resp: 432748
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.4
141 76.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.949 ng
RT: 16.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:284 Resp: 527233
Ion Ratio Lower Upper
284 100
142 32.6 24.6 37.0
249 30.3 23.8 35.6

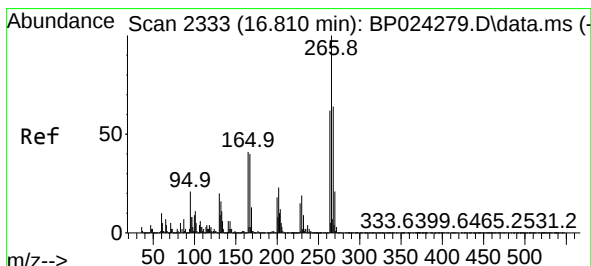
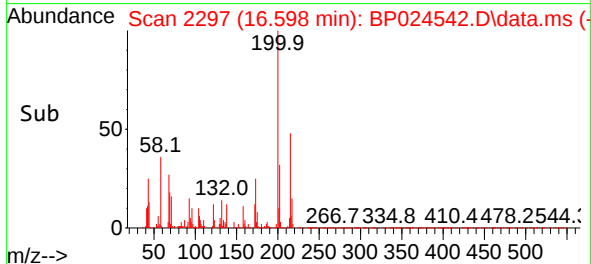
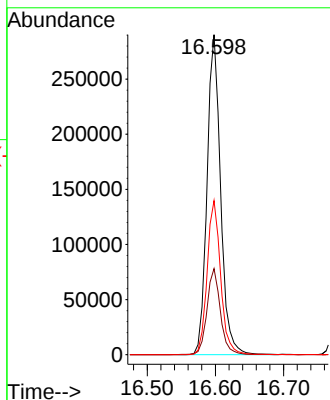
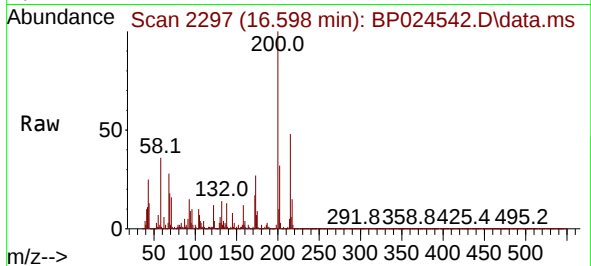




#69
Atrazine
Concen: 66.372 ng
RT: 16.598 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

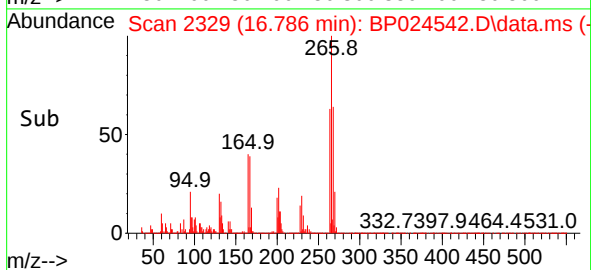
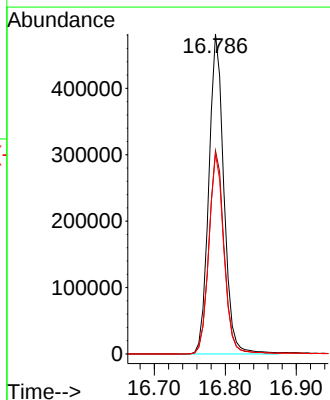
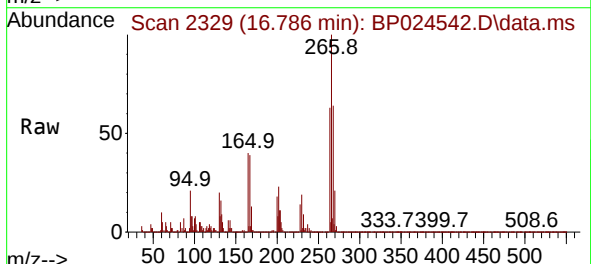
Instrument :
BNA_P
ClientSampleId :
PB167847BS

Tgt Ion:200 Resp: 401760
Ion Ratio Lower Upper
200 100
173 26.9 7.5 47.5
215 48.2 28.8 68.8



#70
Pentachlorophenol
Concen: 98.178 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:266 Resp: 708770
Ion Ratio Lower Upper
266 100
268 63.5 51.0 76.6
264 62.6 49.8 74.6





#71

Phenanthrene

Concen: 45.168 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

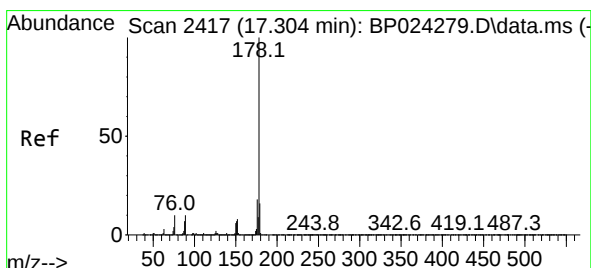
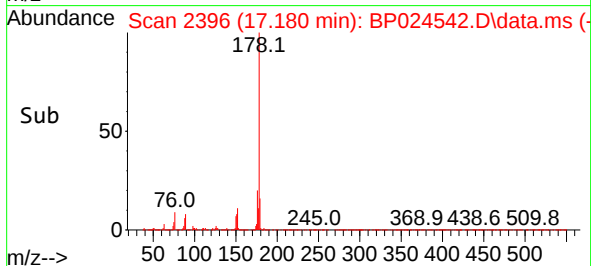
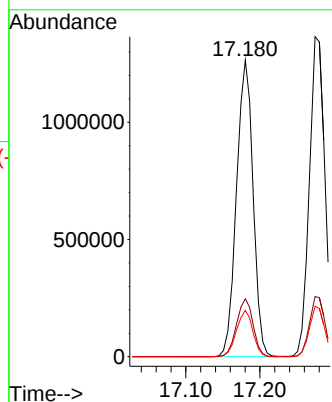
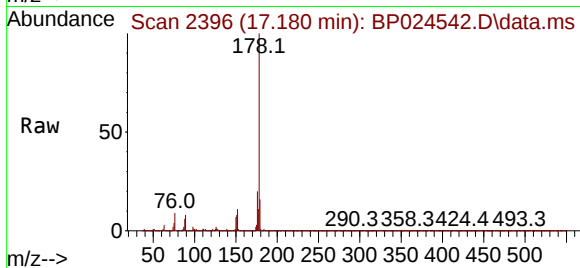
Tgt Ion:178 Resp: 1962018

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 47.700 ng

RT: 17.274 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

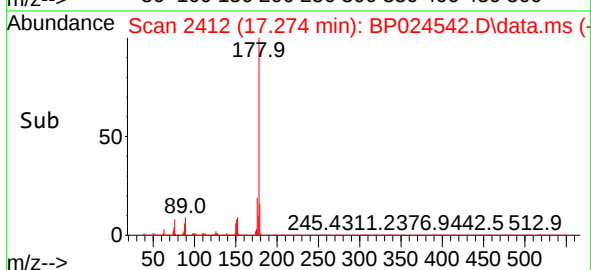
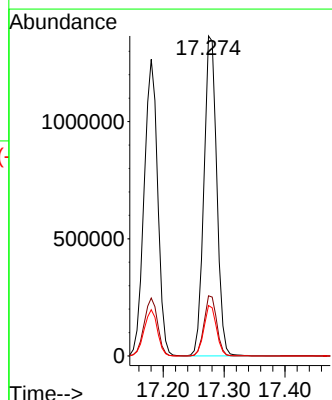
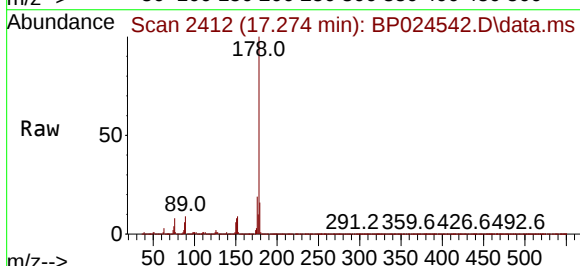
Tgt Ion:178 Resp: 1997004

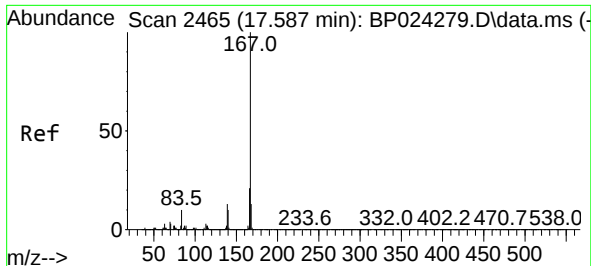
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.7 12.4 18.6

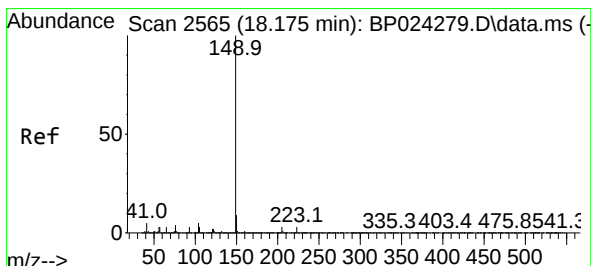
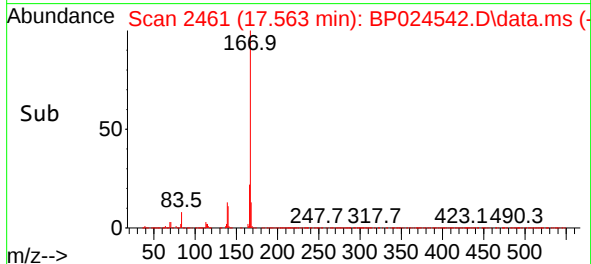
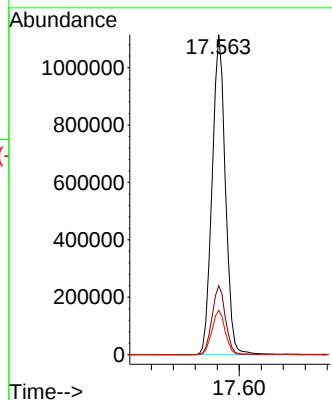
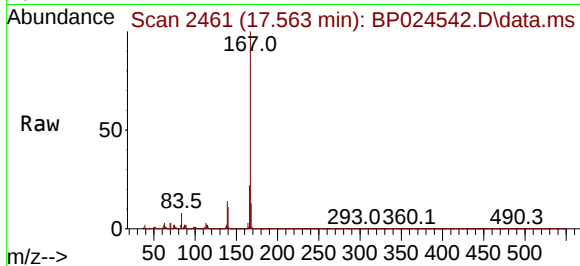




#73
 Carbazole
 Concen: 45.663 ng
 RT: 17.563 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

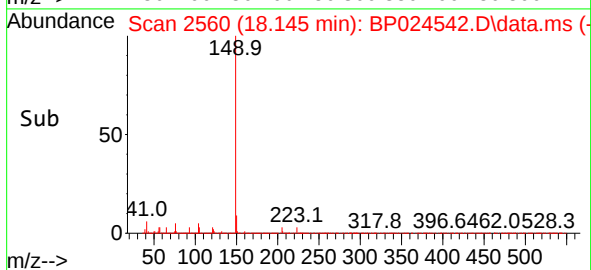
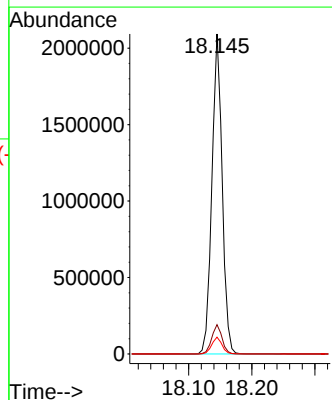
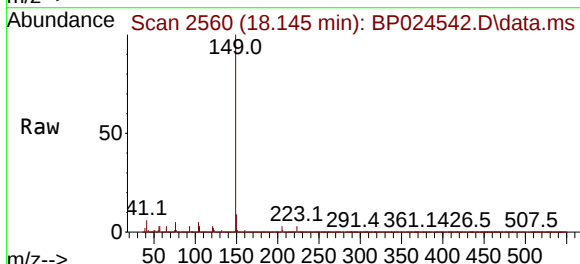
Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

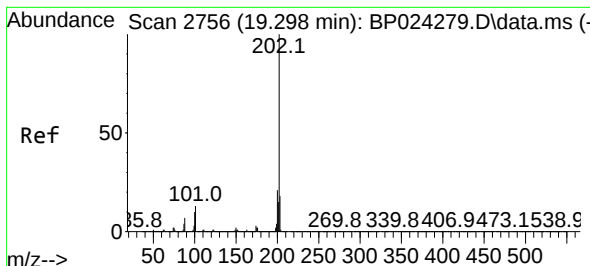
Tgt Ion:167 Resp: 1867926
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.377 ng
 RT: 18.145 min Scan# 2560
 Delta R.T. -0.012 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

Tgt Ion:149 Resp: 2363542
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.3 3.9 5.9

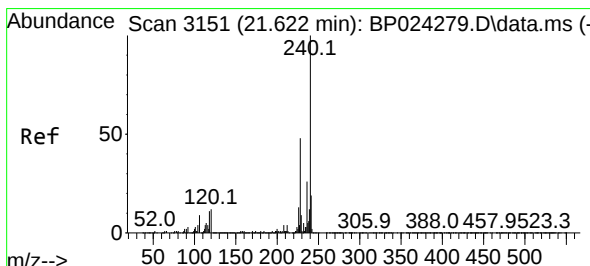
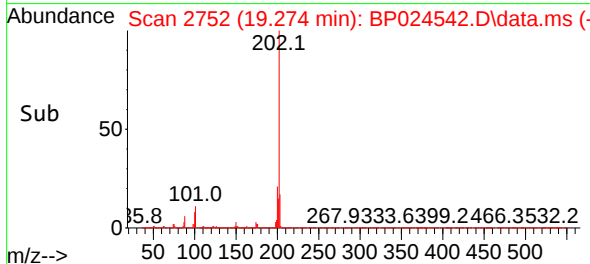
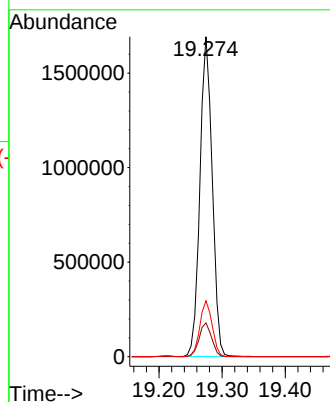
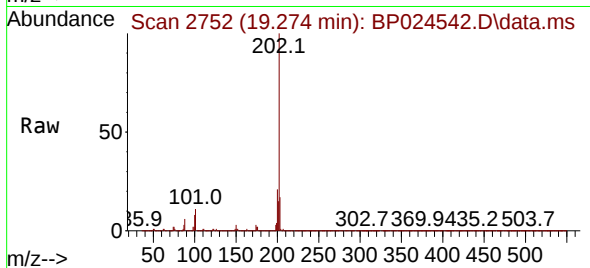




#75
Fluoranthene
Concen: 44.269 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

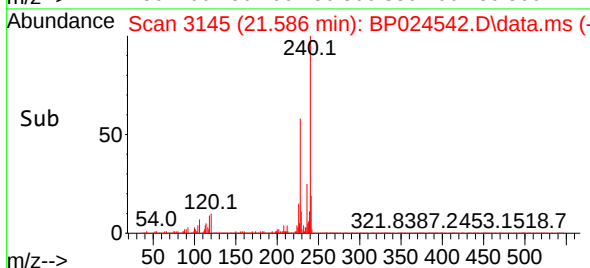
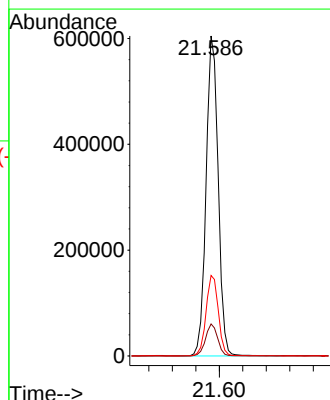
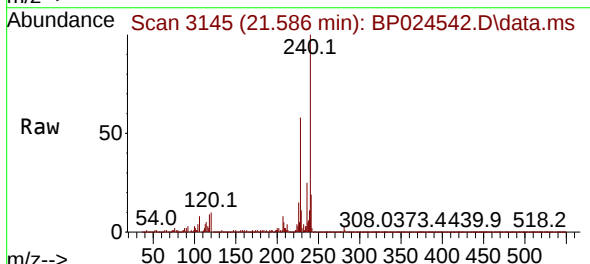
Instrument :
BNA_P
ClientSampleId :
PB167847BS

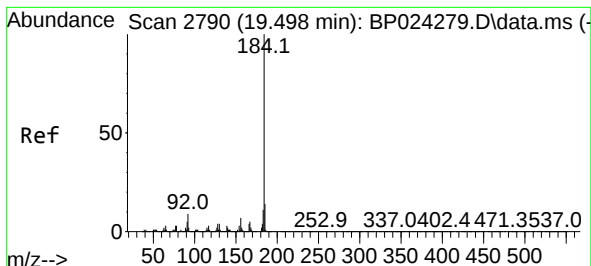
Tgt Ion:202 Resp: 2287090
Ion Ratio Lower Upper
202 100
101 10.6 0.0 33.2
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:240 Resp: 865226
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 25.2 20.9 31.3





#77

Benzidine

Concen: 99.705 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

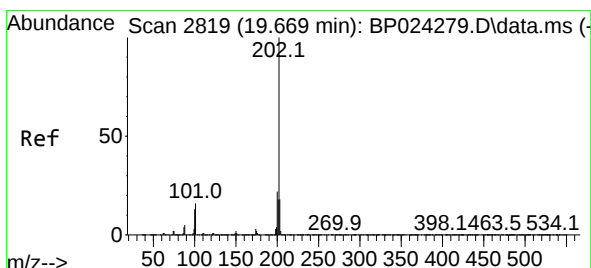
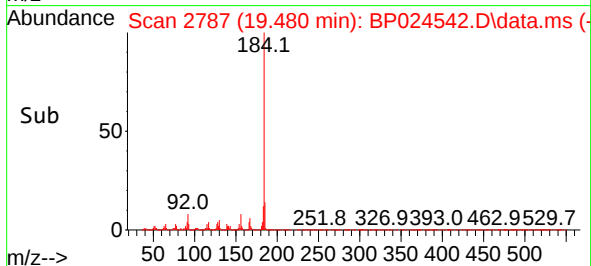
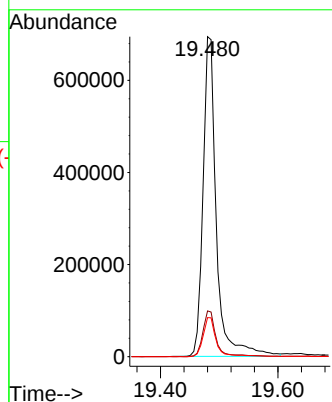
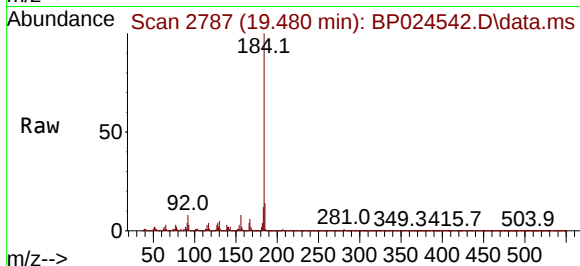
Tgt Ion:184 Resp: 1093517

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 12.2 9.2 13.8



#78

Pyrene

Concen: 43.243 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

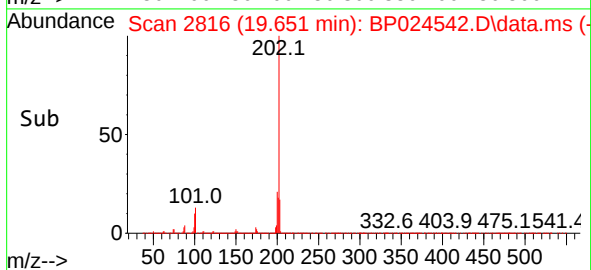
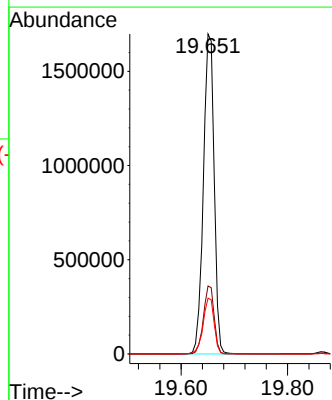
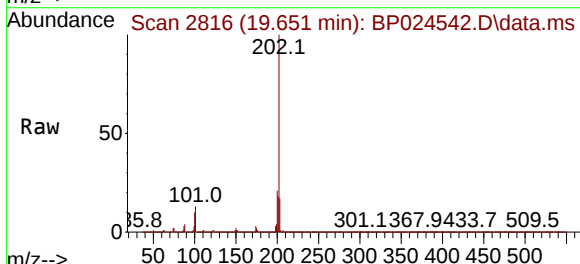
Tgt Ion:202 Resp: 2377772

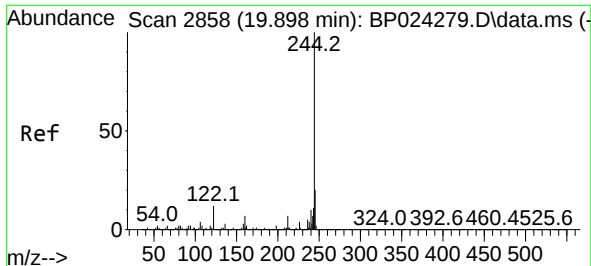
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.5 14.4 21.6

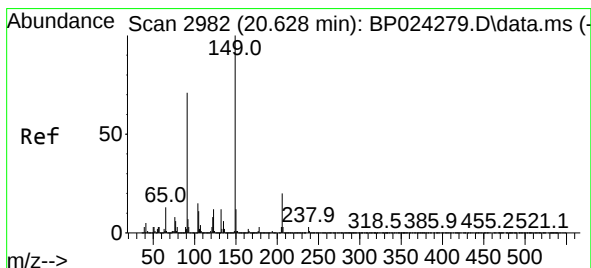
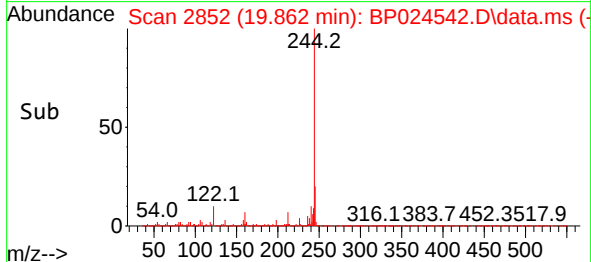
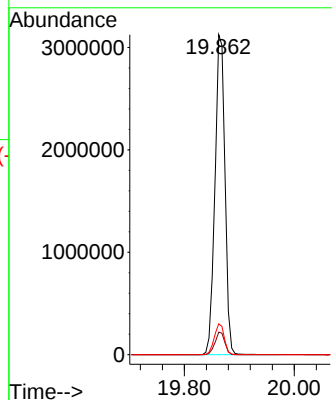
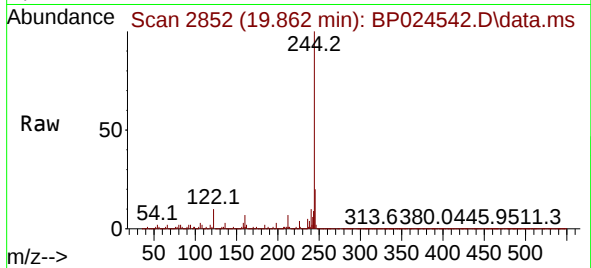




#79
 Terphenyl-d14
 Concen: 92.013 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

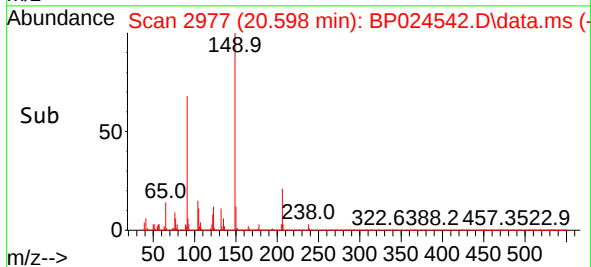
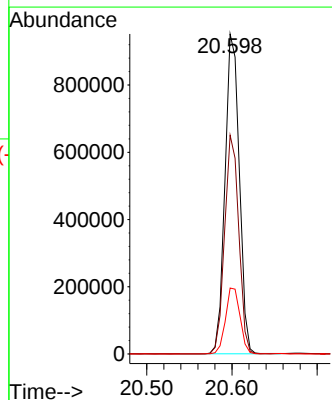
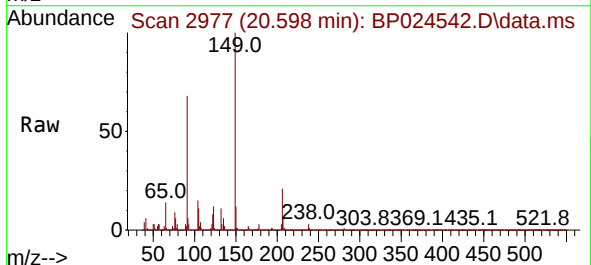
Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Tgt Ion:244 Resp: 3949735
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.6 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 47.195 ng
 RT: 20.598 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BP024542.D
 Acq: 06 May 2025 11:39

Tgt Ion:149 Resp: 1111524
 Ion Ratio Lower Upper
 149 100
 91 68.4 56.4 84.6
 206 20.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.194 ng

RT: 21.568 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

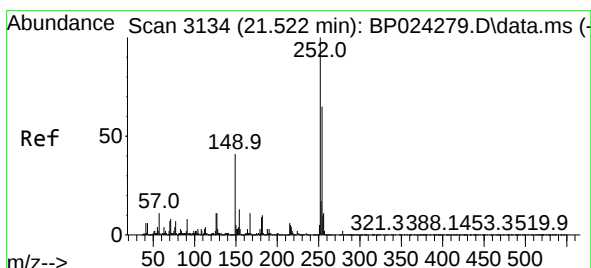
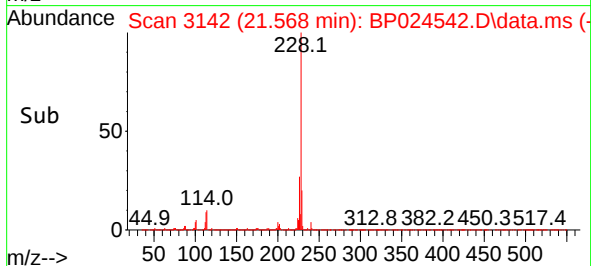
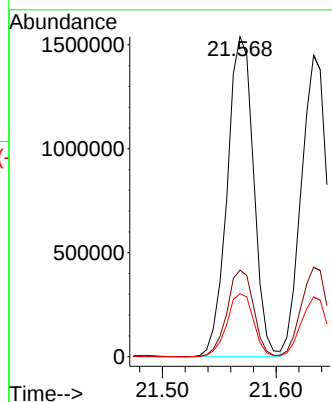
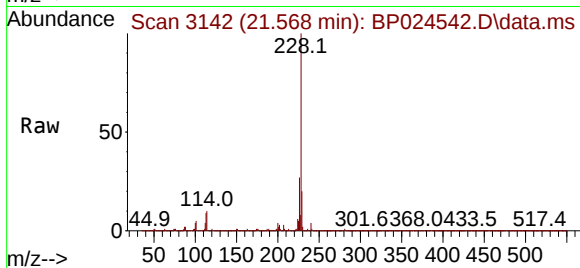
Tgt Ion:228 Resp: 2484256

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.033 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

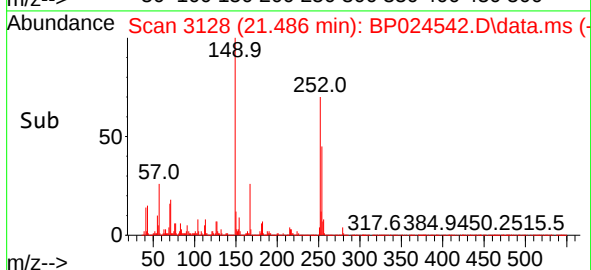
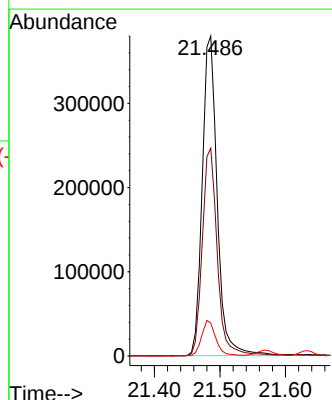
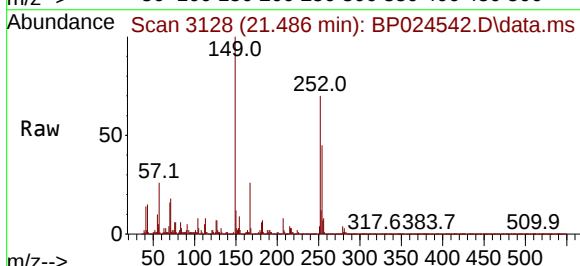
Tgt Ion:252 Resp: 604643

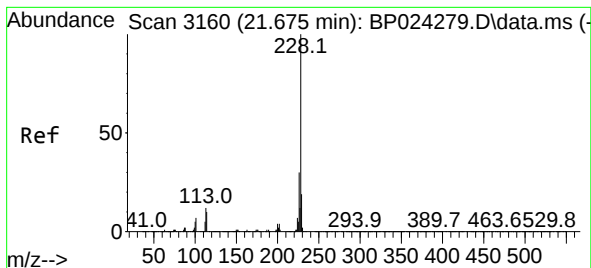
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 10.3 8.8 13.2





#83

Chrysene

Concen: 44.958 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

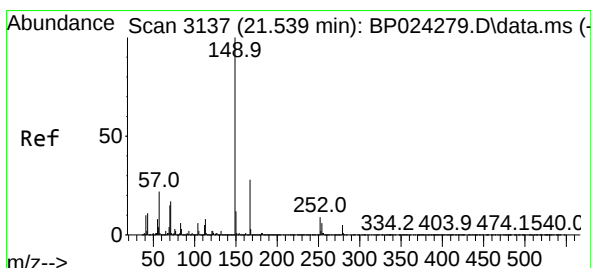
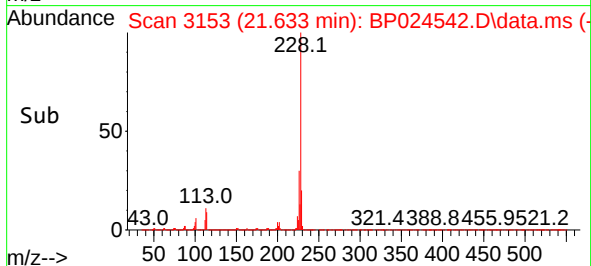
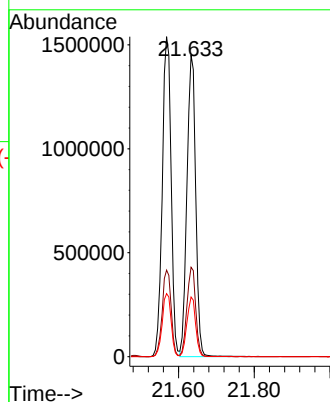
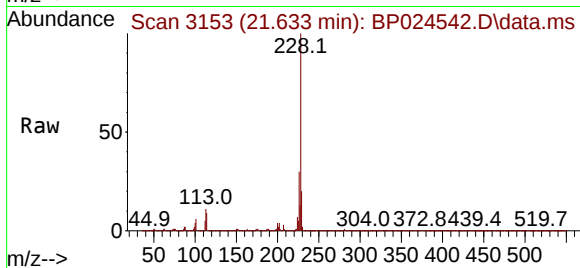
Tgt Ion:228 Resp: 2316361

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.566 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

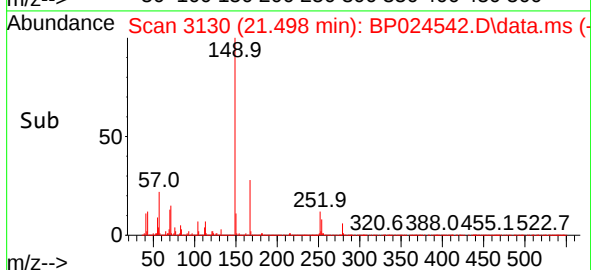
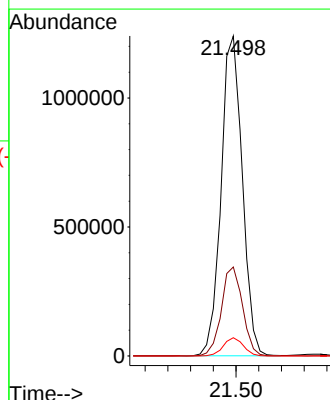
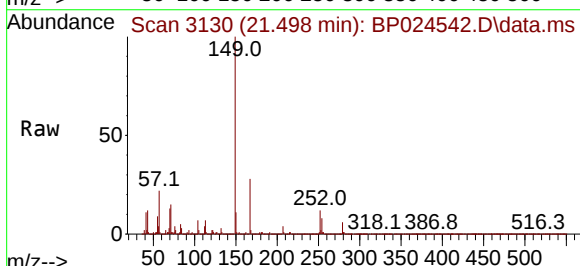
Tgt Ion:149 Resp: 1607734

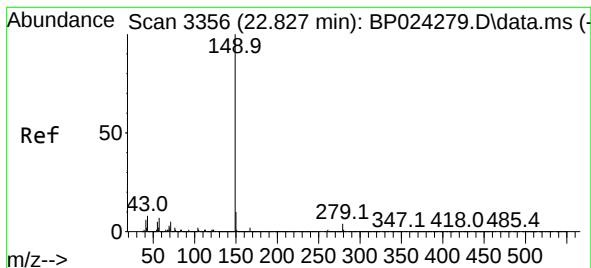
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.419 ng

RT: 22.768 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

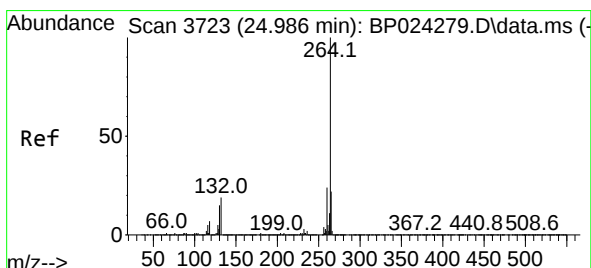
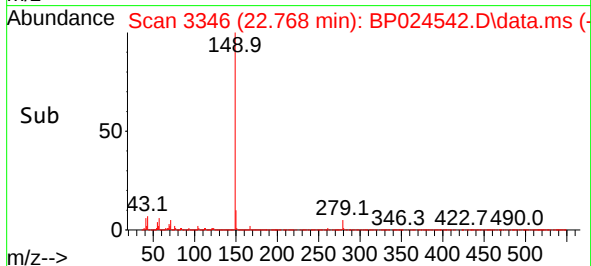
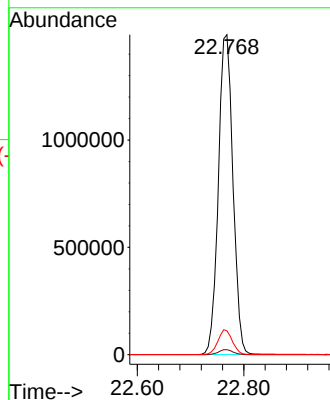
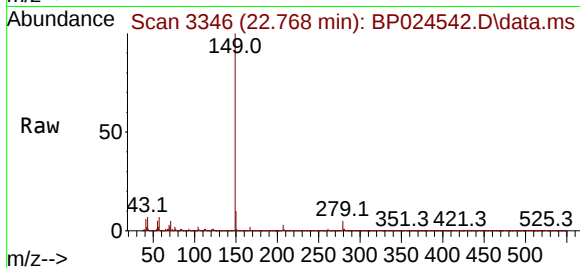
Tgt Ion:149 Resp: 2830018

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. -0.030 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

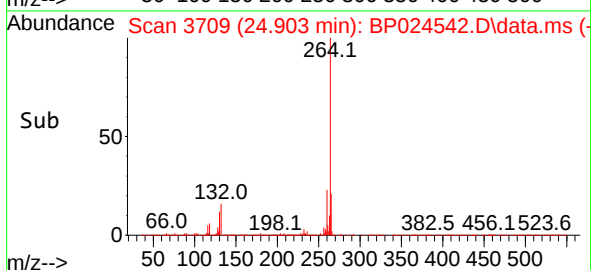
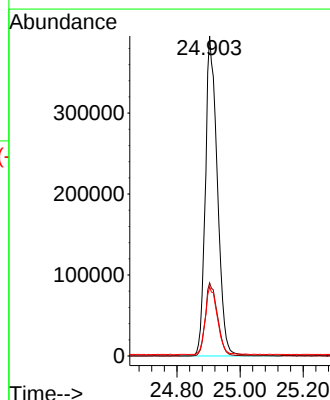
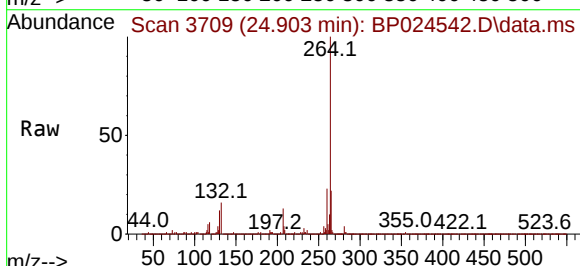
Tgt Ion:264 Resp: 1040073

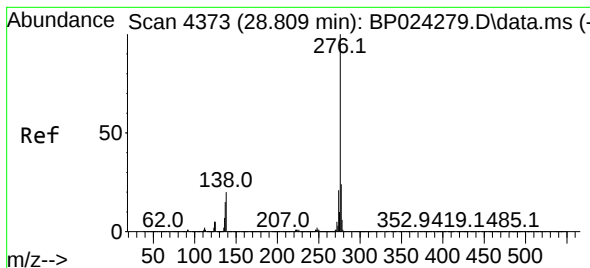
Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.582 ng

RT: 28.709 min Scan# 41

Delta R.T. -0.030 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

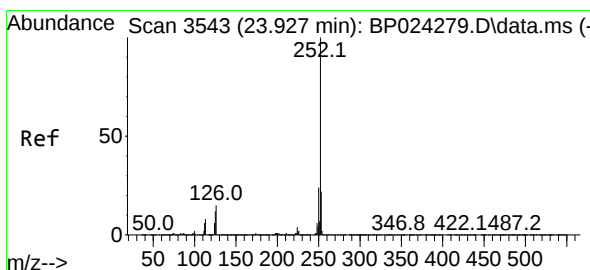
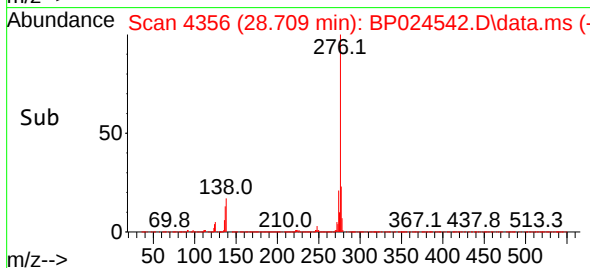
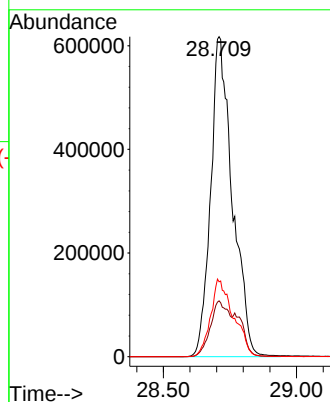
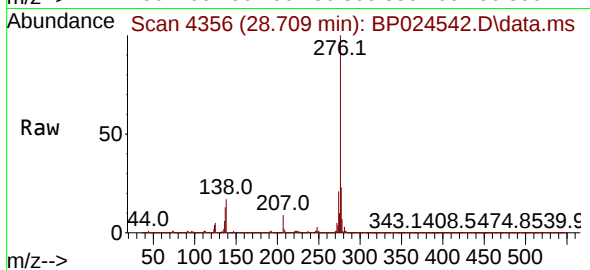
Tgt Ion:276 Resp: 3507906

Ion Ratio Lower Upper

276 100

138 14.8 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.116 ng

RT: 23.862 min Scan# 3532

Delta R.T. -0.024 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

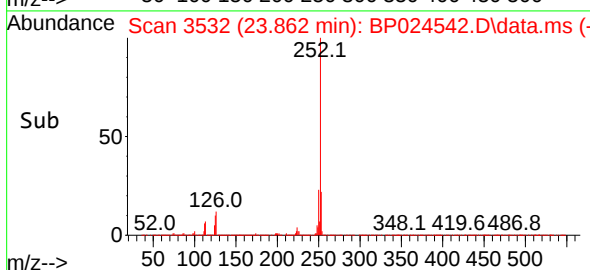
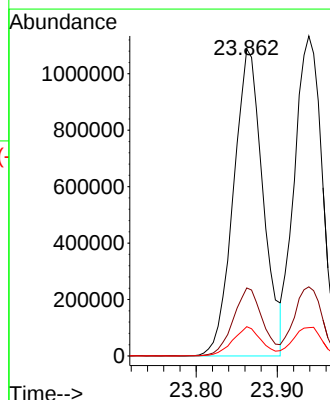
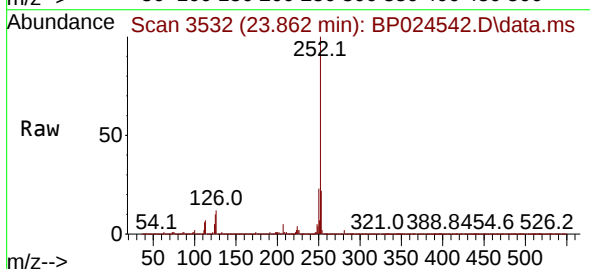
Tgt Ion:252 Resp: 2750298

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.5 9.4 14.0

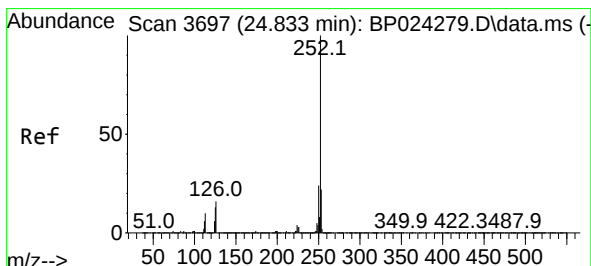
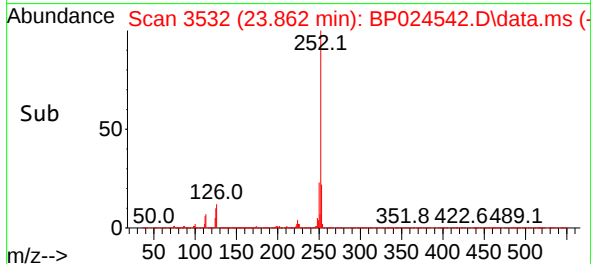
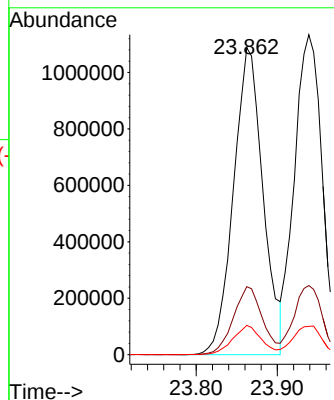
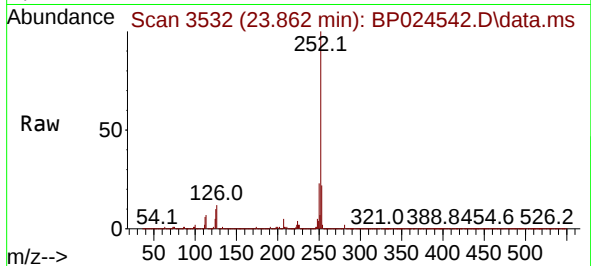




#89
Benzo(k)fluoranthene
Concen: 45.671 ng
RT: 23.862 min Scan# 31
Delta R.T. -0.094 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

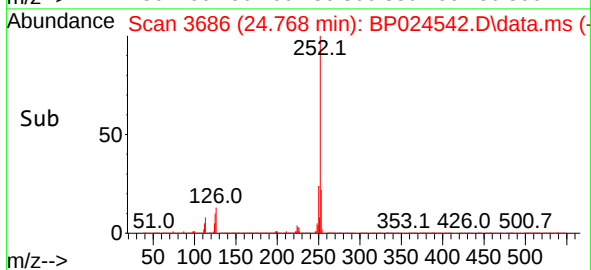
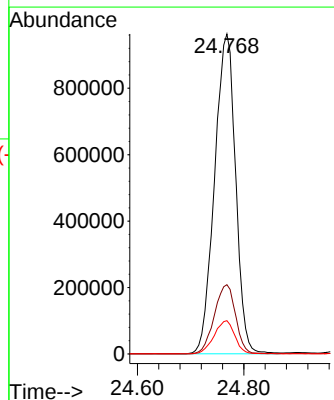
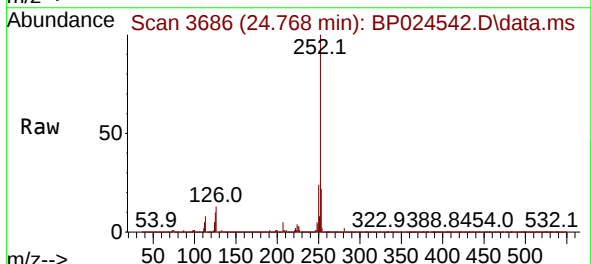
Instrument :
BNA_P
ClientSampleId :
PB167847BS

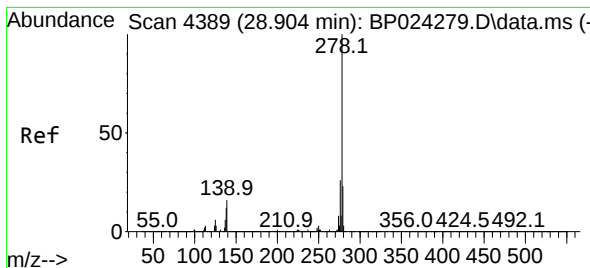
Tgt Ion:252 Resp: 2750298
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.092 ng
RT: 24.768 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024542.D
Acq: 06 May 2025 11:39

Tgt Ion:252 Resp: 2639997
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 48.155 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB167847BS

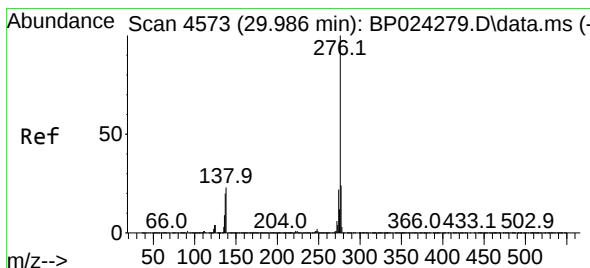
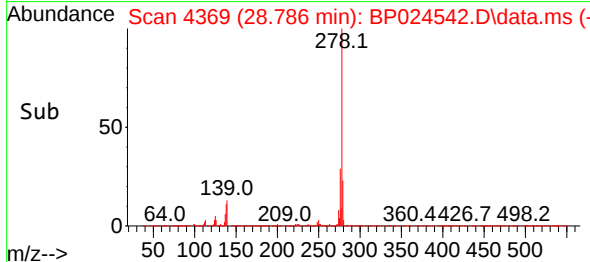
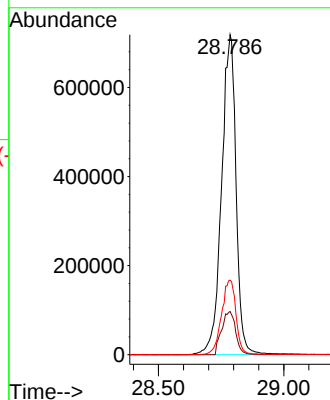
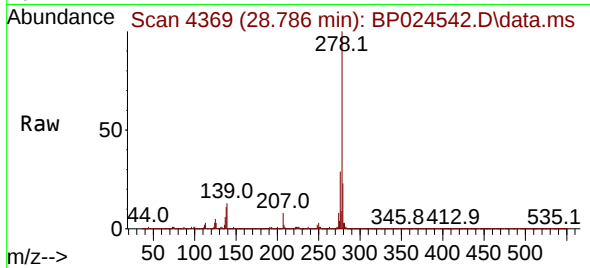
Tgt Ion:278 Resp: 2886101

Ion Ratio Lower Upper

278 100

139 13.5 12.6 19.0

279 23.3 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.257 ng

RT: 29.880 min Scan# 4555

Delta R.T. -0.018 min

Lab File: BP024542.D

Acq: 06 May 2025 11:39

Tgt Ion:276 Resp: 2821822

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 18.3 18.7 28.1#

